

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121615\
 Data File : BF083848.D
 Acq On : 16 Dec 2015 15:13
 Operator : UM/SJ
 Sample : G4772-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMSD

Quant Time: Dec 17 03:22:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	96508	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	397428	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	183398	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	345367	20.00	ng	-0.03
75) Chrysene-d12	14.05	240	221817	20.00	ng	-0.02
86) Perylene-d12	15.48	264	181544	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	826984	138.24	ng	-0.01
7) Phenol-d6	6.53	99	978039	129.10	ng	-0.01
23) Nitrobenzene-d5	7.46	82	607764	85.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	295164	157.94	ng	-0.02
44) 2-Fluorobiphenyl	9.25	172	1021018	80.16	ng	-0.03
78) Terphenyl-d14	13.00	244	1047812	101.61	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	100137	34.62	ng	# 82
3) Pyridine	3.30	79	268993	36.96	ng	# 83
4) n-Nitrosodimethylamine	3.25	42	122356	44.44	ng	# 64
6) Aniline	6.56	93	289768	28.16	ng	98
8) 2-Chlorophenol	6.68	128	317064	45.10	ng	87
9) Benzaldehyde	6.67	77	20106	4.94	ng	94
10) Phenol	6.54	94	310196	35.57	ng	97
11) bis(2-Chloroethyl)ether	6.64	93	302709	47.94	ng	# 83
12) 1,3-Dichlorobenzene	6.91	146	336797	45.15	ng	99
13) 1,4-Dichlorobenzene	6.91	146	336797	44.67	ng	100
14) 1,2-Dichlorobenzene	7.07	146	323725	47.79	ng	96
15) Benzyl Alcohol	7.04	79	266475	47.88	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	313706	38.26	ng	71
17) 2-Methylphenol	7.15	107	259936	45.99	ng	# 86
18) Hexachloroethane	7.41	117	123547	46.15	ng	98
19) n-Nitroso-di-n-propylamine	7.31	70	194382	41.90	ng	91
20) 3+4-Methylphenols	7.31	107	323032	48.41	ng	# 69
22) Acetophenone	7.31	105	417595	42.83	ng	# 99
24) Nitrobenzene	7.48	77	338089	45.73	ng	# 73
25) Isophorone	7.72	82	600891	43.11	ng	# 90
26) 2-Nitrophenol	7.79	139	161991	45.61	ng	87
27) 2,4-Dimethylphenol	7.84	122	301354	43.18	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	365831	46.00	ng	# 97
29) 2,4-Dichlorophenol	8.04	162	279580	48.80	ng	93
30) 1,2,4-Trichlorobenzene	8.12	180	271168	45.64	ng	95
31) Naphthalene	8.20	128	966747	46.66	ng	99
32) Benzoic acid	7.84	122	301354	69.28	ng	# 10
33) 4-Chloroaniline	8.25	127	150291	17.76	ng	# 84
34) Hexachlorobutadiene	8.33	225	152277	46.71	ng	97
35) Caprolactam	8.61	113	48383	26.30	ng	# 63
36) 4-Chloro-3-methylphenol	8.74	107	327909	48.93	ng	86
37) 2-Methylnaphthalene	8.89	142	586941	45.13	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	248974	46.02	ng	# 100
40) Hexachlorocyclopentadiene	9.05	237	212570	77.54	ng	99

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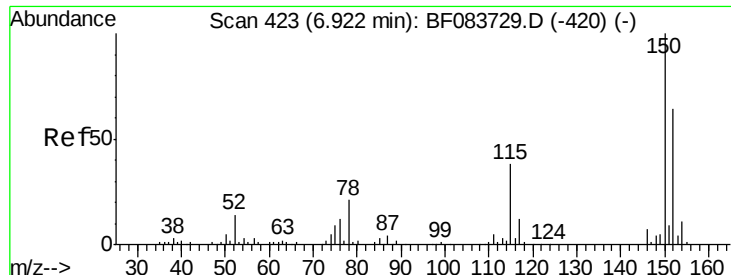
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.17	196	189466	47.84	ng	96
43) 2,4,5-Trichlorophenol	9.21	196	184638	49.15	ng #	88
45) 1,1'-Biphenyl	9.36	154	747311	45.98	ng	95
46) 2-Chloronaphthalene	9.38	162	543660	45.31	ng #	92
47) 2-Nitroaniline	9.47	65	163561	48.07	ng #	75
48) Acenaphthylene	9.79	152	872458	43.22	ng	99
49) Dimethylphthalate	9.66	163	913603	63.90	ng	98
50) 2,6-Dinitrotoluene	9.72	165	156391	51.54	ng #	51
51) Acenaphthene	9.96	154	557044	45.65	ng	99
52) 3-Nitroaniline	9.88	138	108694	31.07	ng #	75
53) 2,4-Dinitrophenol	9.98	184	70441	52.48	ng #	80
54) Dibenzofuran	10.13	168	787787	48.72	ng #	89
55) 4-Nitrophenol	10.05	139	234555	90.54	ng	82
56) 2,4-Dinitrotoluene	10.12	165	213760	53.92	ng #	74
57) Fluorene	10.48	166	559537	43.94	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	159391	56.57	ng #	100
59) Diethylphthalate	10.36	149	714875	49.38	ng	98
60) 4-Chlorophenyl-phenylether	10.48	204	280803	48.36	ng	91
61) 4-Nitroaniline	10.50	138	151477	49.12	ng	91
62) Azobenzene	10.64	77	674802	51.14	ng	85
64) 4,6-Dinitro-2-methylphenol	10.53	198	107258	54.58	ng #	55
65) n-Nitrosodiphenylamine	10.59	169	539492	45.67	ng	98
66) 4-Bromophenyl-phenylether	10.96	248	175082	45.34	ng #	77
67) Hexachlorobenzene	11.04	284	207675	49.70	ng #	78
68) Atrazine	11.12	200	159915	47.58	ng	96
69) Pentachlorophenol	11.22	266	181351	76.95	ng	99
70) Phenanthrene	11.44	178	807014	43.99	ng	99
71) Anthracene	11.49	178	928058	48.70	ng	99
72) Carbazole	11.64	167	801973	45.17	ng #	96
73) Di-n-butylphthalate	11.97	149	972304	45.10	ng	99
74) Fluoranthene	12.62	202	880602	46.45	ng	99
76) Benzidine	12.74	184	291734	43.16	ng	97
77) Pyrene	12.85	202	903804	51.55	ng	99
79) Butylbenzylphthalate	13.47	149	424188	56.37	ng	91
80) Benzo(a)anthracene	14.04	228	641303	50.84	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	136273	29.95	ng	97
82) Chrysene	14.08	228	666102	54.14	ng	100
83) Bis(2-ethylhexyl)phthalate	14.03	149	467762	54.62	ng #	97
84) Di-n-octyl phthalate	14.64	149	751827	55.25	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	607635	50.29	ng #	100
87) Benzo(b)fluoranthene	15.07	252	551089	47.58	ng	98
88) Benzo(k)fluoranthene	15.07	252	551089	52.51	ng #	96
89) Benzo(a)pyrene	15.43	252	509737	49.32	ng	99
90) Dibenzo(a,h)anthracene	16.92	278	501886	48.84	ng #	96
91) Benzo(g,h,i)perylene	17.35	276	520023	49.23	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083848.D

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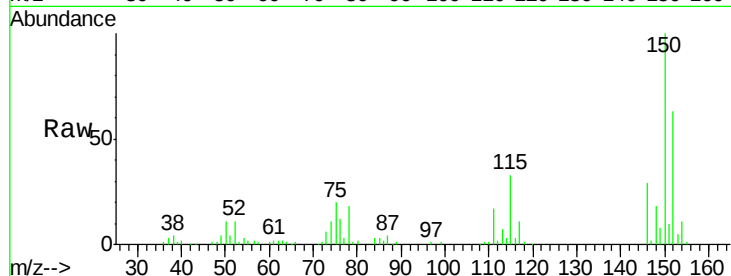
Tgt Ion:152 Resp: 96508

Ion Ratio Lower Upper

152 100

150 159.2 126.5 189.7

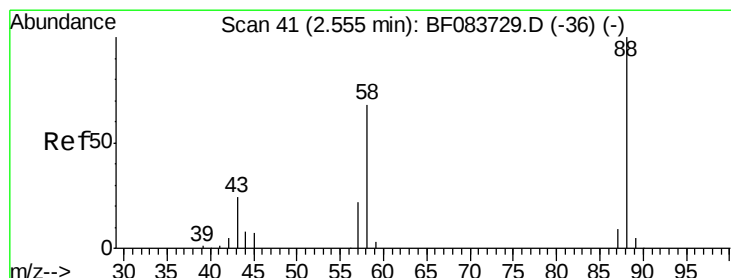
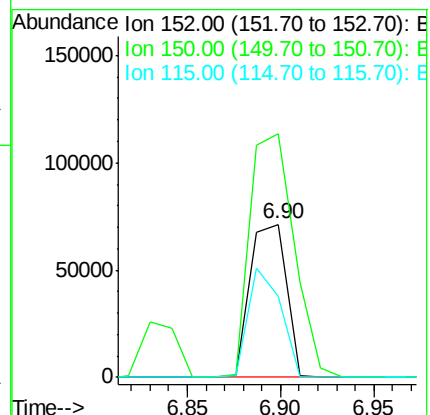
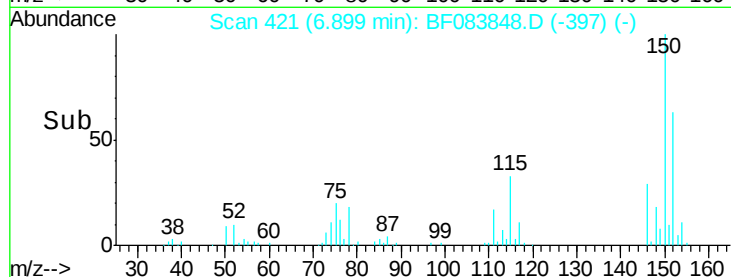
115 53.0 52.3 78.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.62 ng

RT: 2.57 min Scan# 42

Delta R.T. 0.00 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

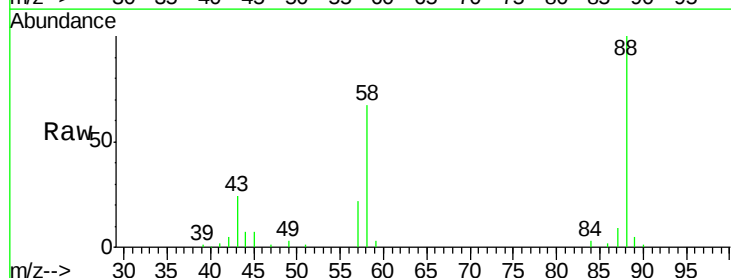
Tgt Ion: 88 Resp: 100137

Ion Ratio Lower Upper

88 100

58 68.0 68.0 102.0#

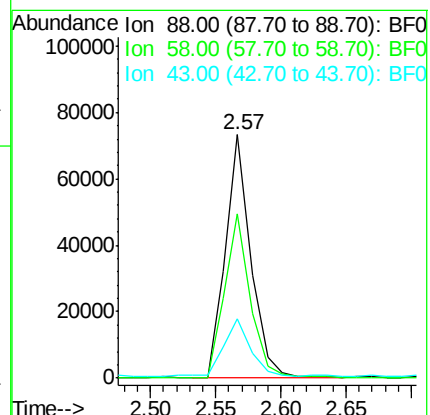
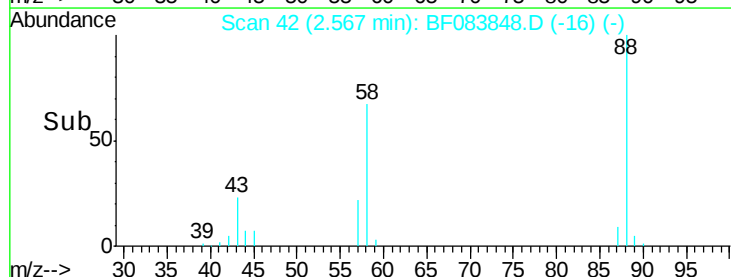
43 25.4 27.9 41.9#

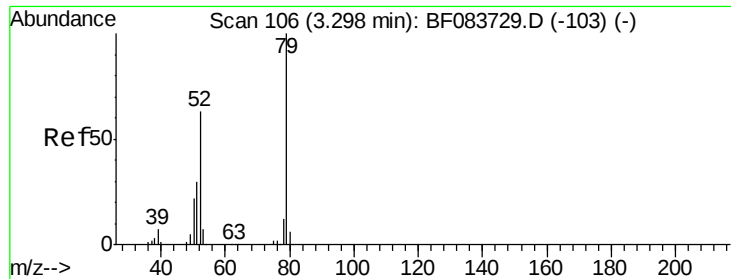


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.96 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.00 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

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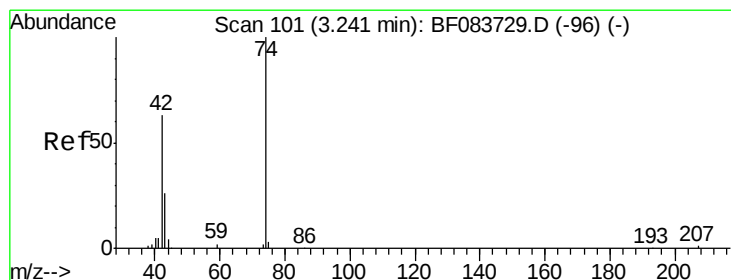
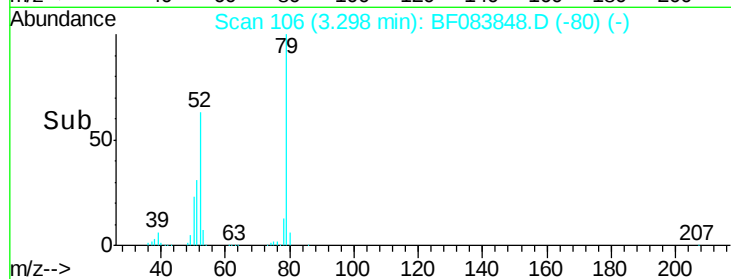
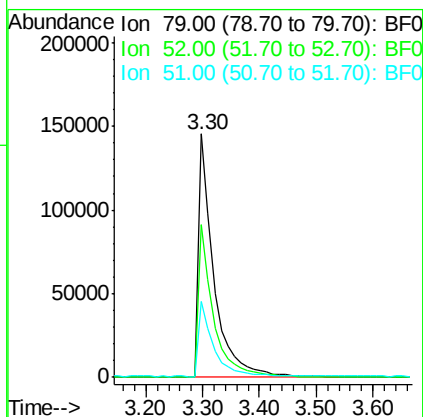
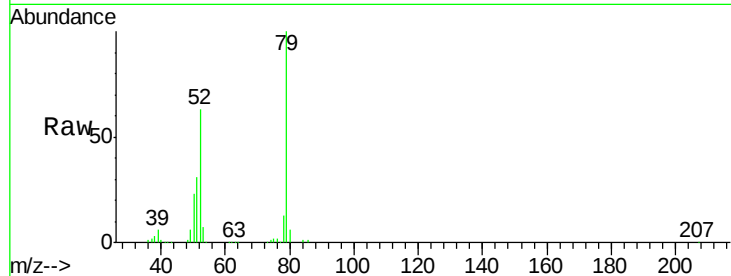
Tgt Ion: 79 Resp: 268993

Ion Ratio Lower Upper

79 100

52 63.0 63.7 95.5#

51 31.0 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 44.44 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.01 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

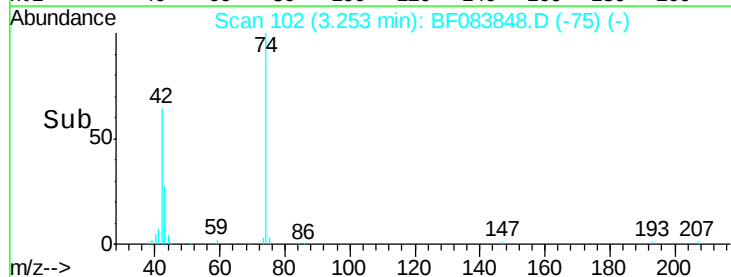
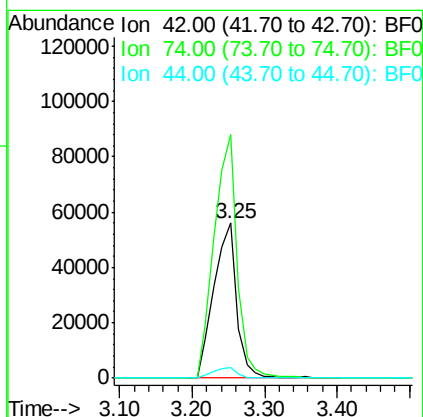
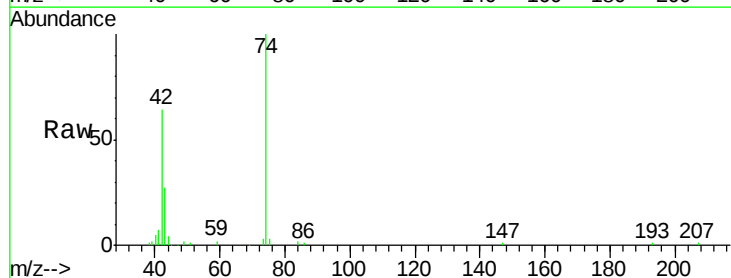
Tgt Ion: 42 Resp: 122356

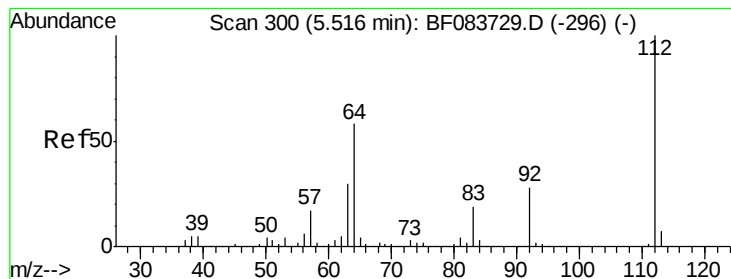
Ion Ratio Lower Upper

42 100

74 157.4 92.9 139.3#

44 6.5 5.7 8.5





#5

2-Fluorophenol

Concen: 138.24 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

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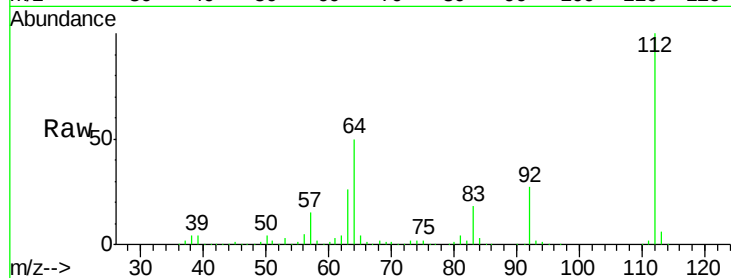
Tgt Ion: 112 Resp: 826984

Ion Ratio Lower Upper

112 100

64 50.2 50.5 75.7#

63 26.4 25.8 38.6

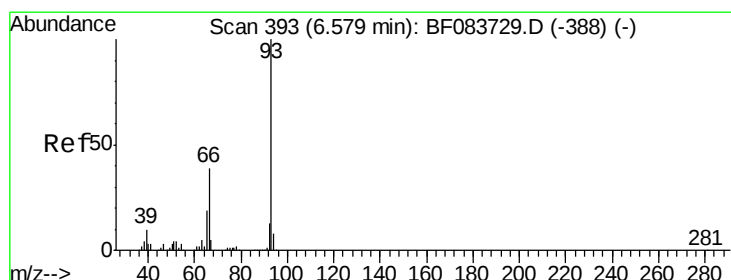
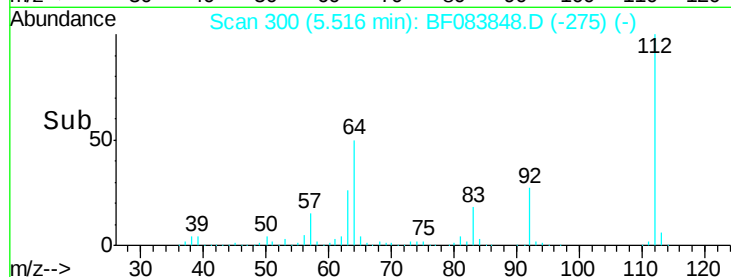


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time--> 5.40 5.50 5.60



#6

Aniline

Concen: 28.16 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.02 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

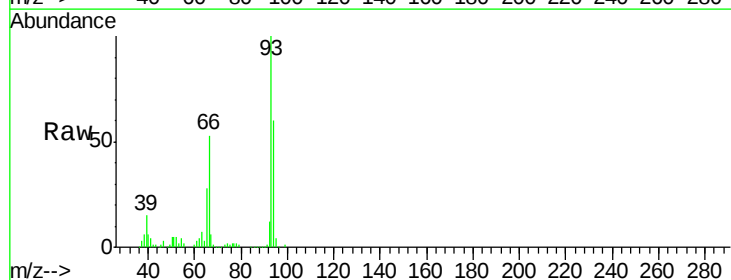
Tgt Ion: 93 Resp: 289768

Ion Ratio Lower Upper

93 100

66 52.5 41.3 61.9

65 28.4 20.8 31.2

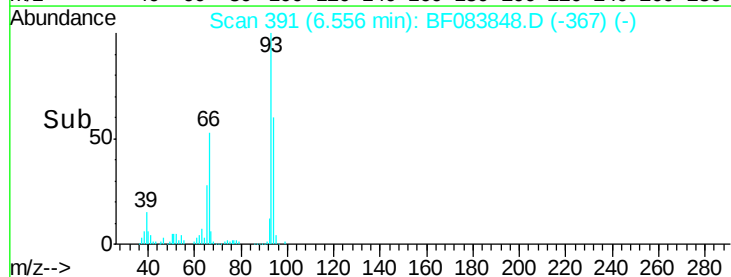


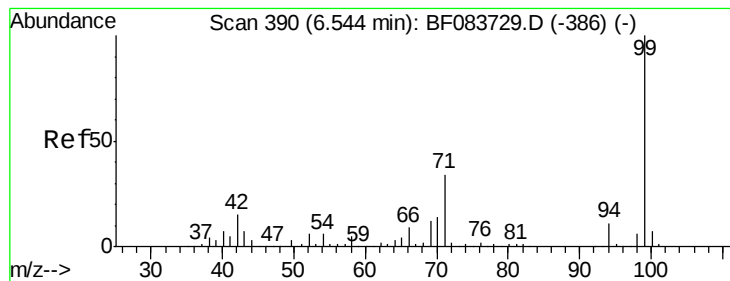
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time--> 6.50 6.55 6.60





#7

Phenol-d6

Concen: 129.10 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

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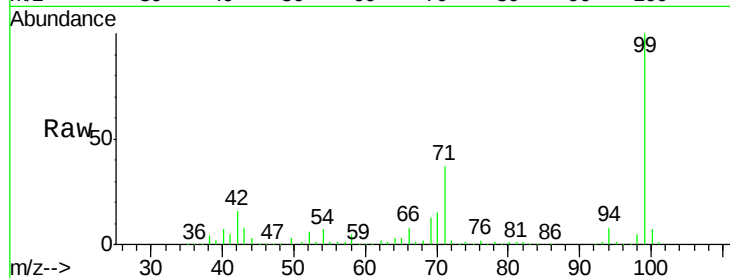
Tgt Ion: 99 Resp: 978039

Ion Ratio Lower Upper

99 100

42 15.9 17.3 25.9#

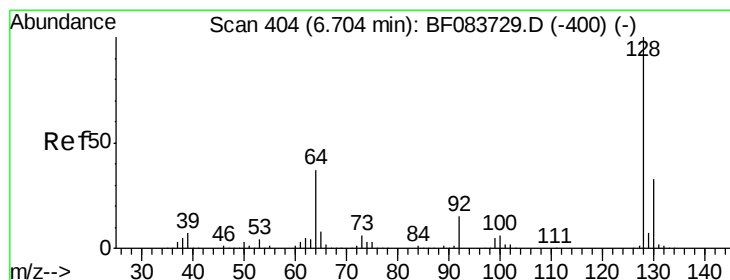
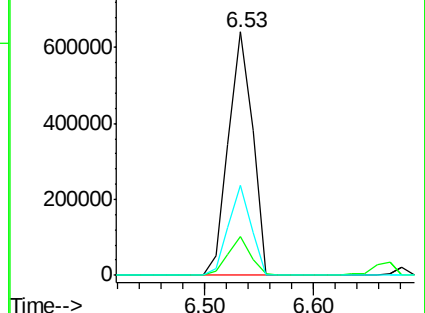
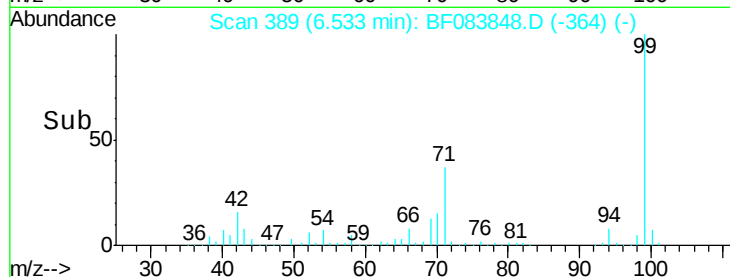
71 37.0 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.10 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

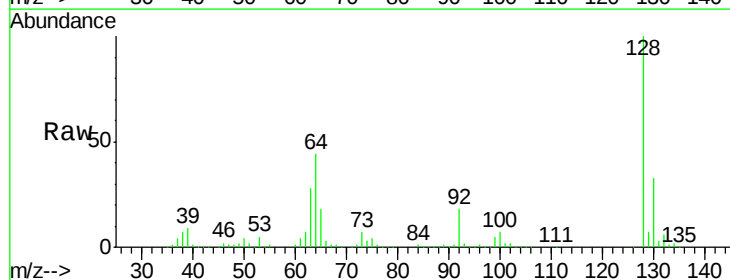
Tgt Ion: 128 Resp: 317064

Ion Ratio Lower Upper

128 100

130 33.0 12.6 52.6

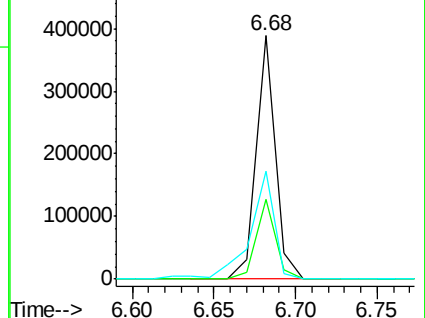
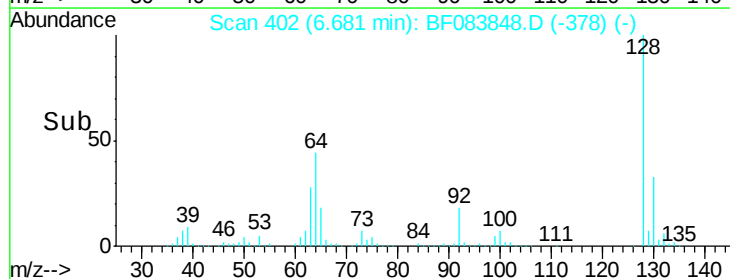
64 44.1 38.6 78.6

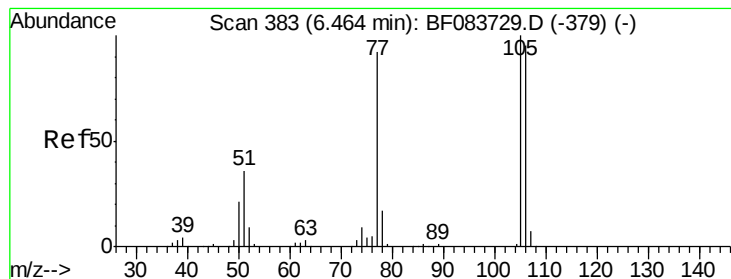


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.94 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

Instrument :

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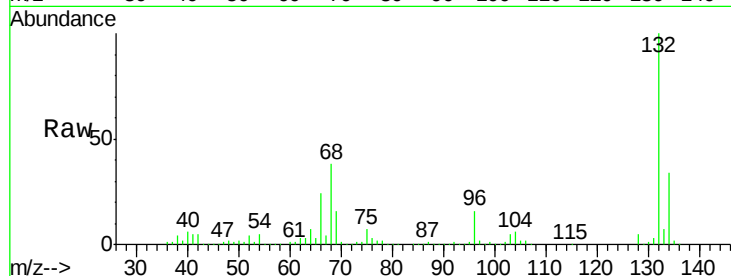
Tgt Ion: 77 Resp: 20106

Ion Ratio Lower Upper

77 100

105 82.7 71.8 111.8

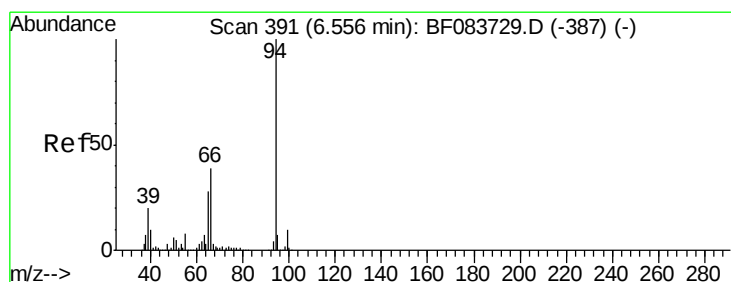
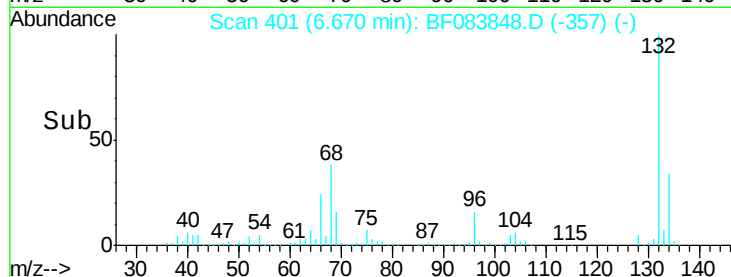
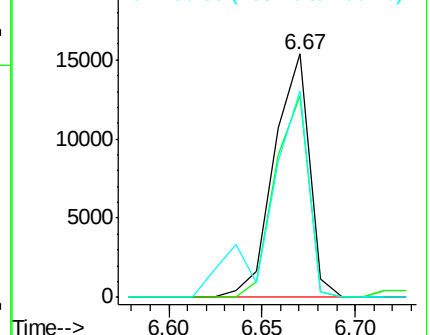
106 84.8 66.8 106.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 35.57 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

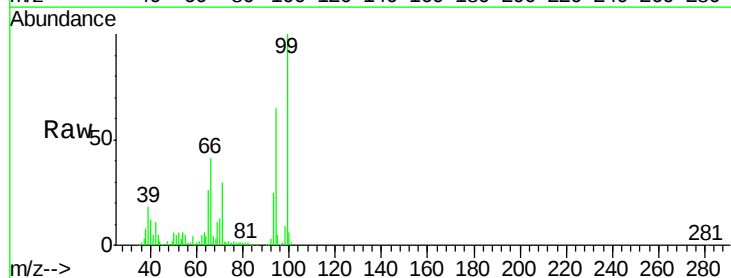
Tgt Ion: 94 Resp: 310196

Ion Ratio Lower Upper

94 100

65 39.1 20.9 60.9

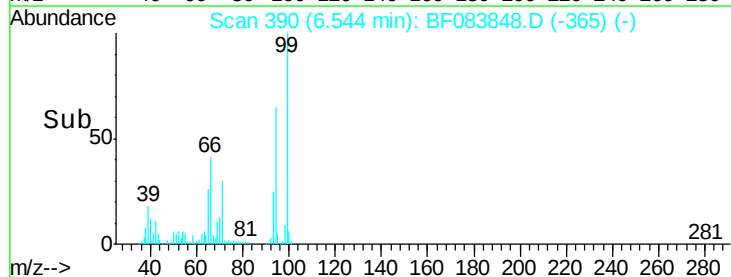
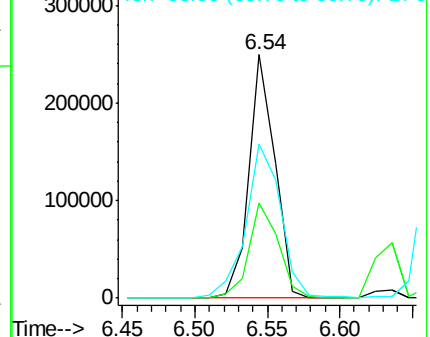
66 63.5 41.6 81.6

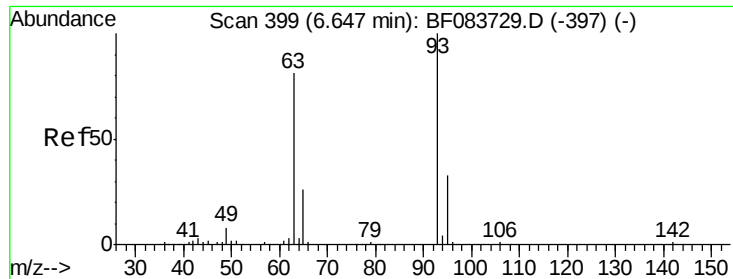


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

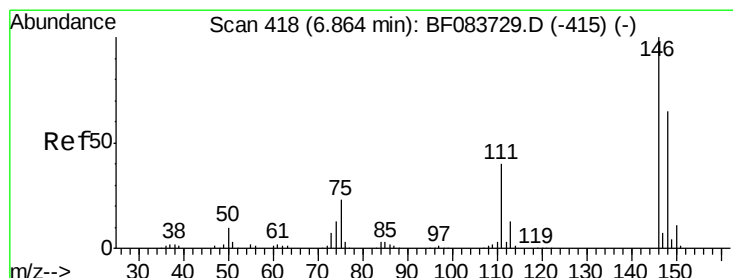
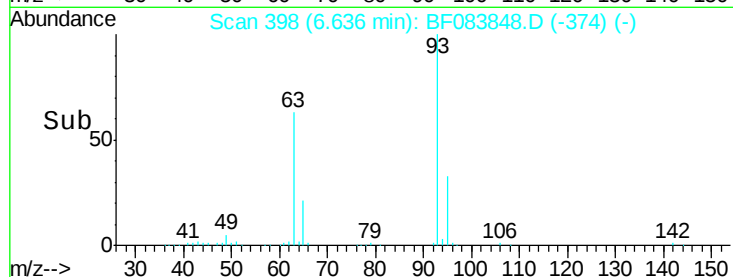
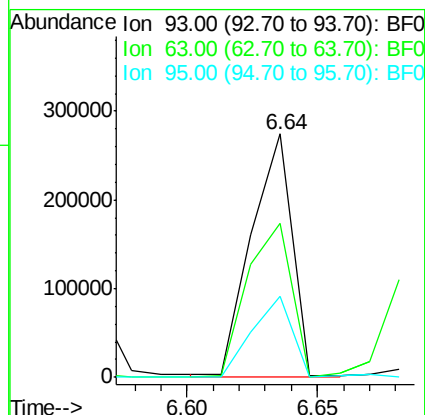
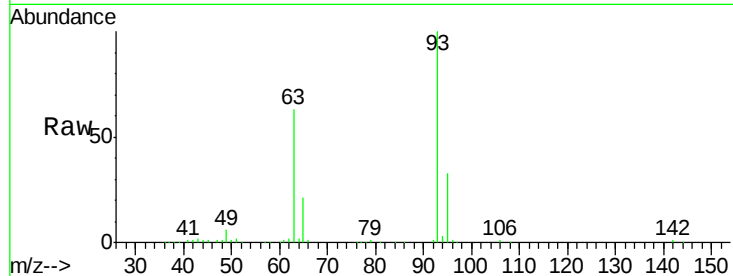




#11
 bis(2-Chloroethyl)ether
 Concen: 47.94 ng
 RT: 6.64 min Scan# 398
 Delta R.T. -0.02 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

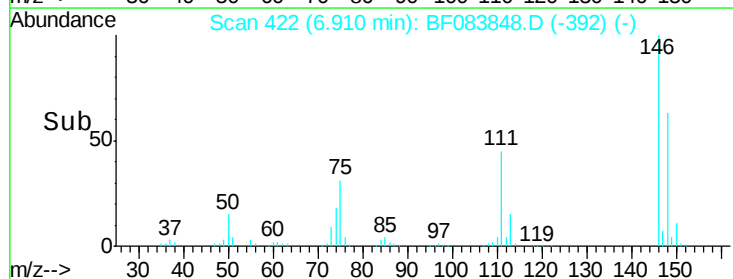
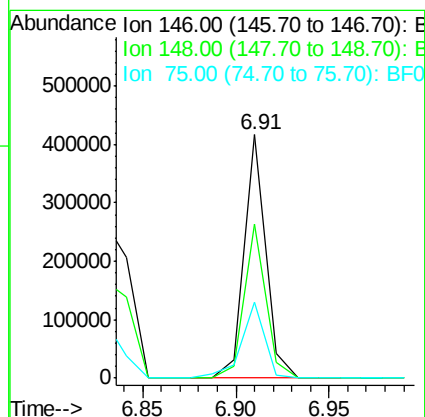
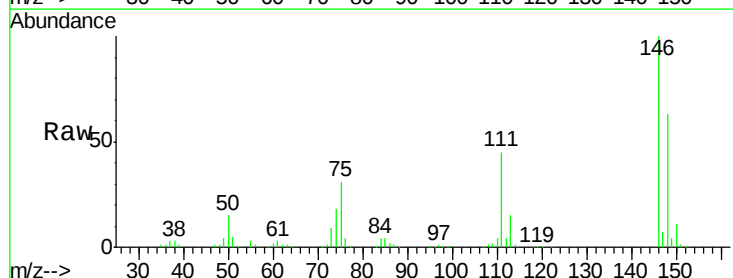
Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMSD

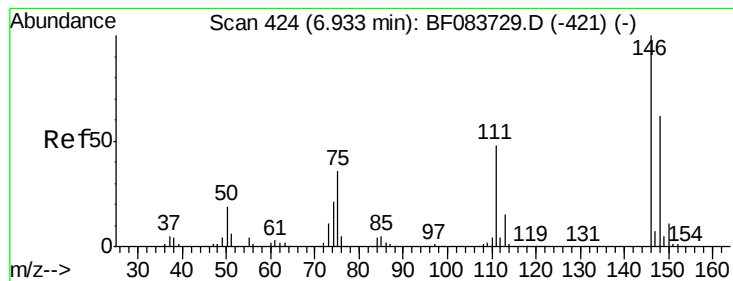
Tgt Ion: 93 Resp: 302709
 Ion Ratio Lower Upper
 93 100
 63 63.3 64.7 104.7#
 95 33.4 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 45.15 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.05 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Tgt Ion: 146 Resp: 336797
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.3 76.9
 75 31.2 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 44.67 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.03 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMSD

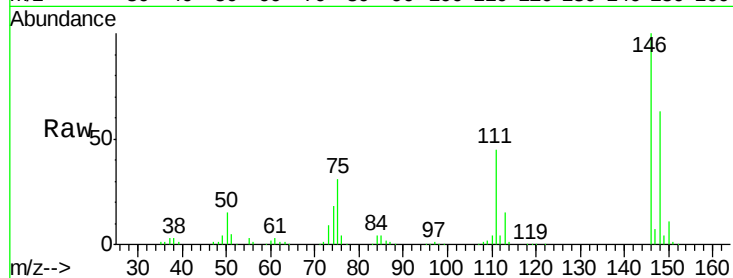
Tgt Ion:146 Resp: 336797

Ion Ratio Lower Upper

146 100

148 63.2 50.6 76.0

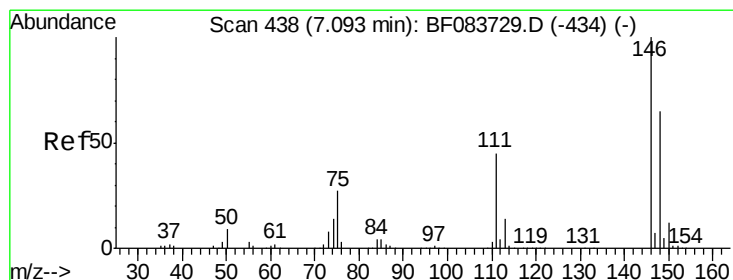
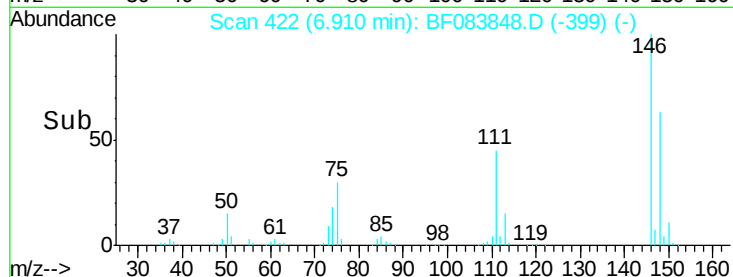
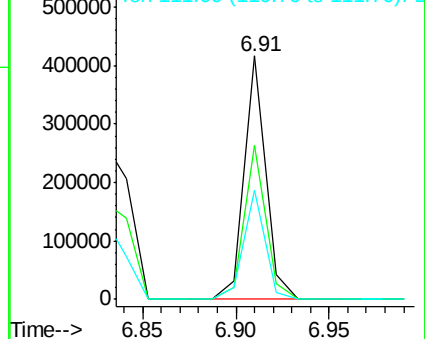
111 44.7 36.1 54.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.79 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

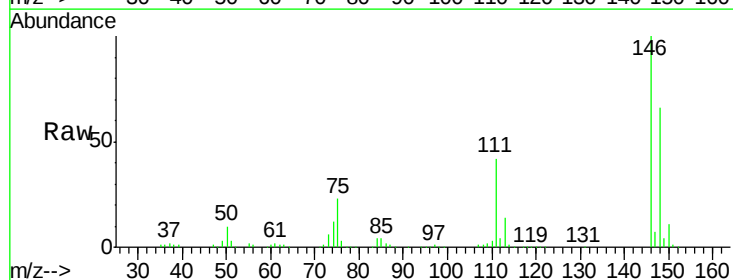
Tgt Ion:146 Resp: 323725

Ion Ratio Lower Upper

146 100

148 65.8 51.4 77.0

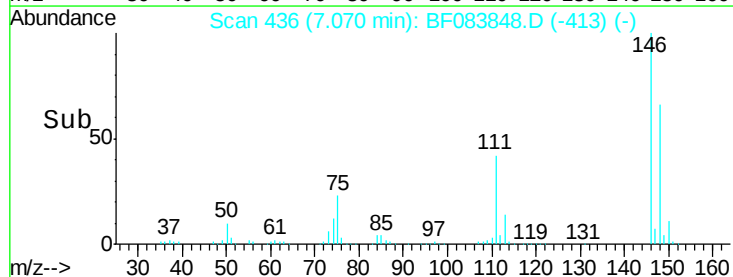
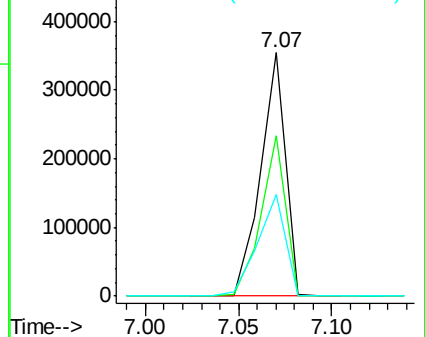
111 41.5 36.7 55.1

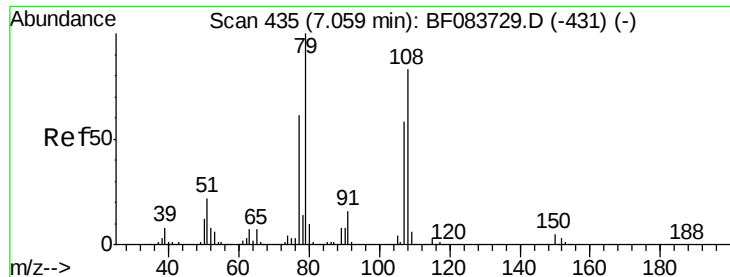


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.88 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMSD

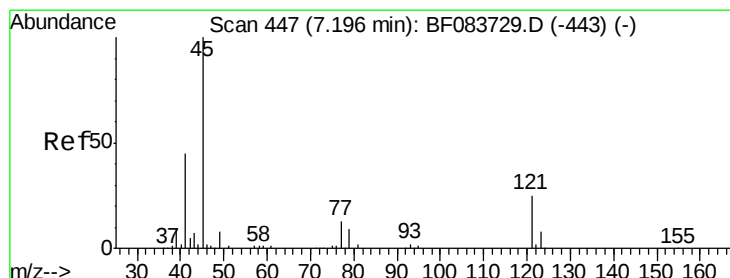
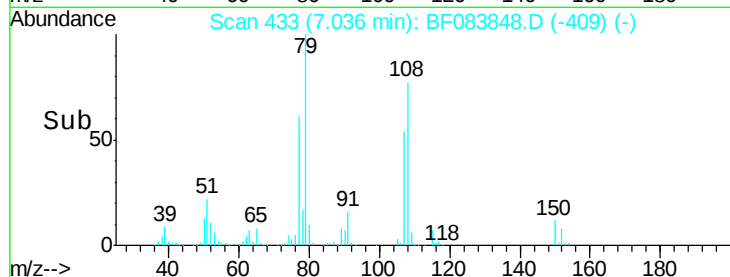
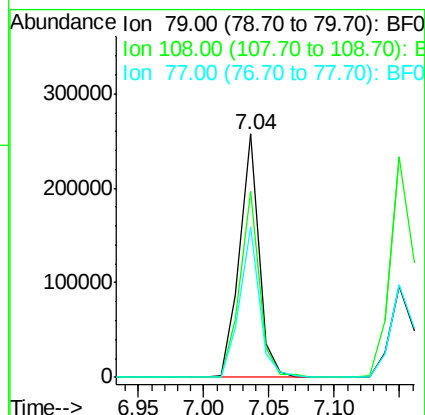
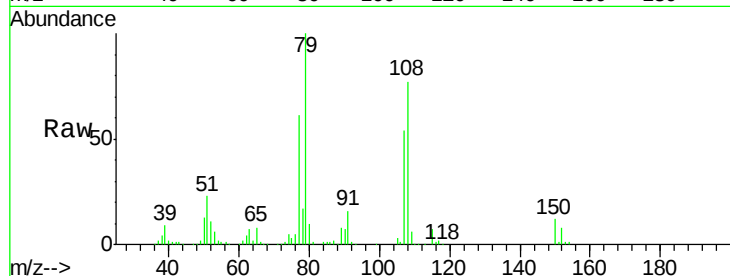
Tgt Ion: 79 Resp: 266475

Ion Ratio Lower Upper

79 100

108 76.6 59.6 89.4

77 61.5 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.26 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.03 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

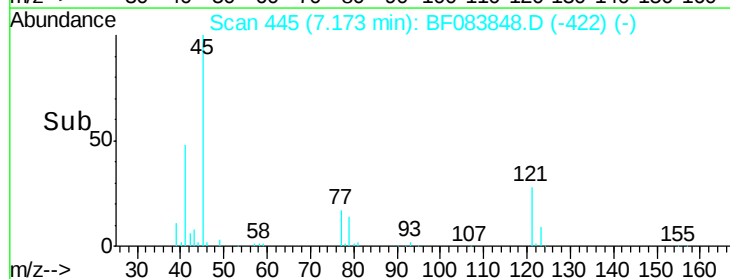
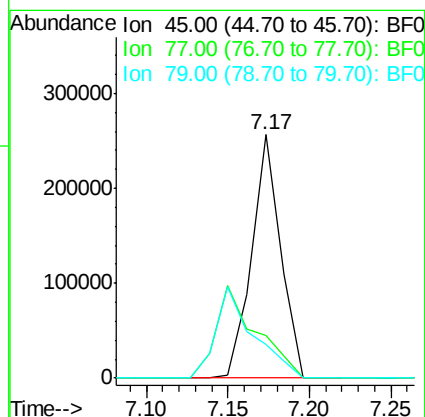
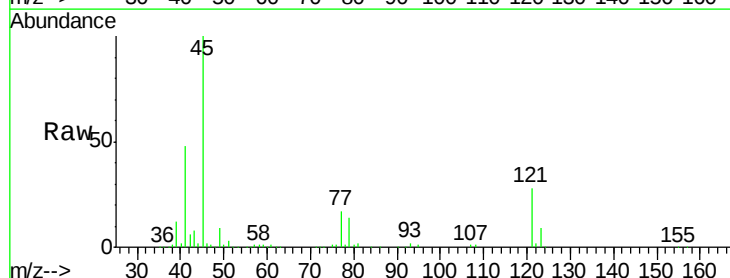
Tgt Ion: 45 Resp: 313706

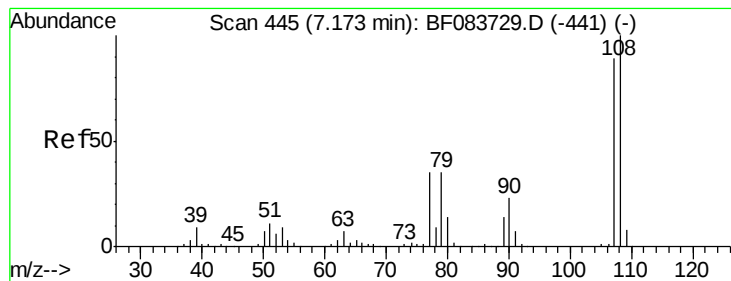
Ion Ratio Lower Upper

45 100

77 17.5 12.8 52.8

79 13.6 10.7 50.7

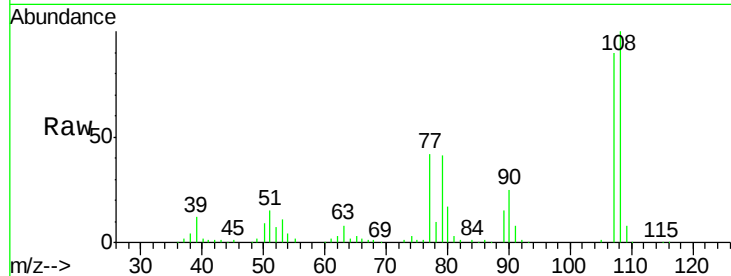




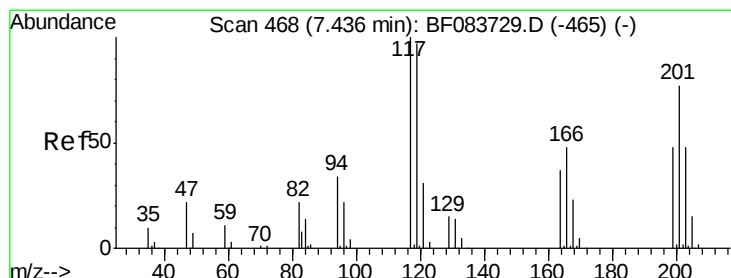
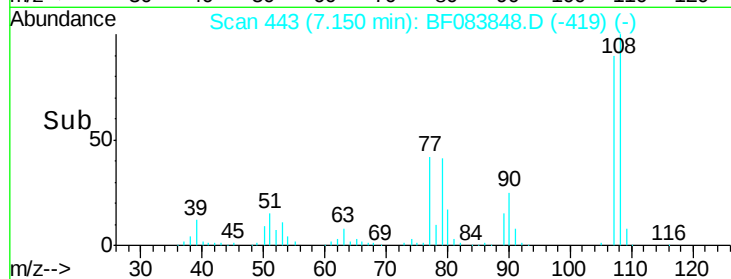
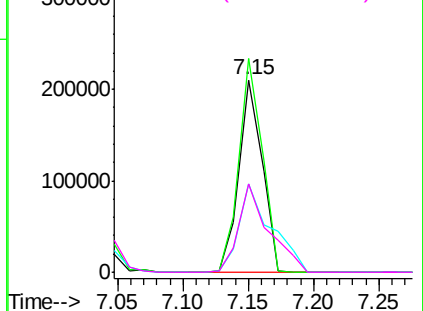
#17
 2-Methylphenol
 Concen: 45.99 ng
 RT: 7.15 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMSD

Tgt Ion:107 Resp: 259936
 Ion Ratio Lower Upper
 107 100
 108 111.0 91.6 137.4
 77 46.2 53.7 80.5#
 79 45.9 50.2 75.4#

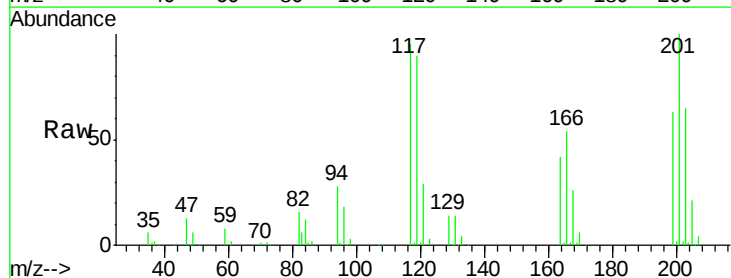


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

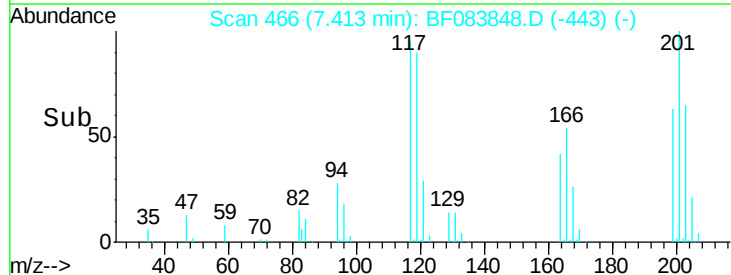
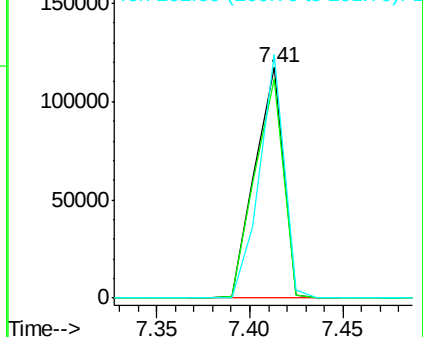


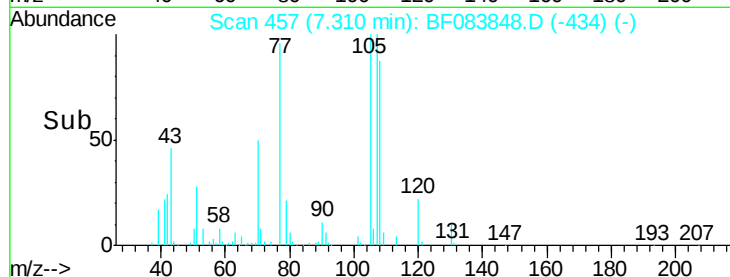
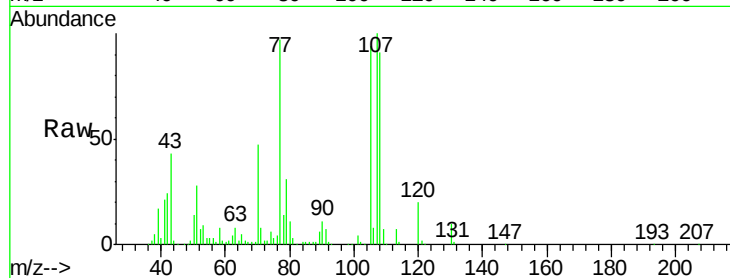
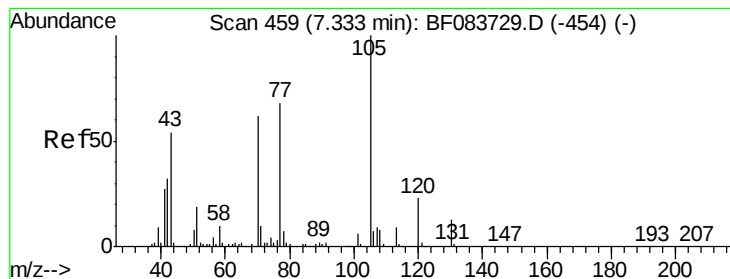
#18
 Hexachloroethane
 Concen: 46.15 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Tgt Ion:117 Resp: 123547
 Ion Ratio Lower Upper
 117 100
 119 95.3 77.2 115.8
 201 105.6 86.8 130.2



Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.90 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMSD

Tgt Ion: 70 Resp: 194382

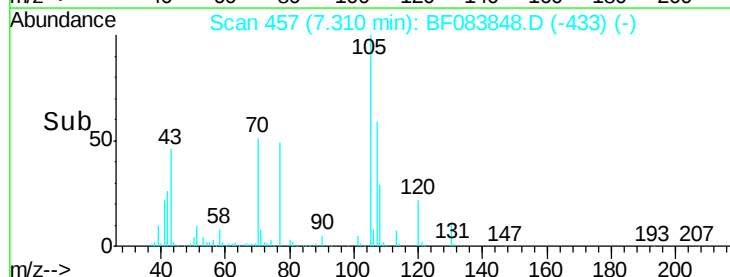
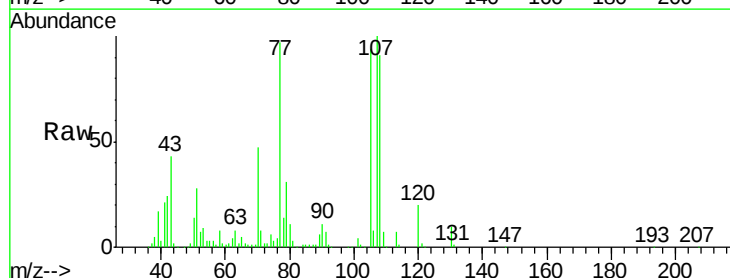
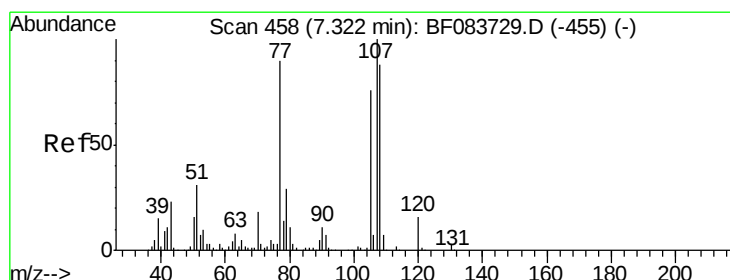
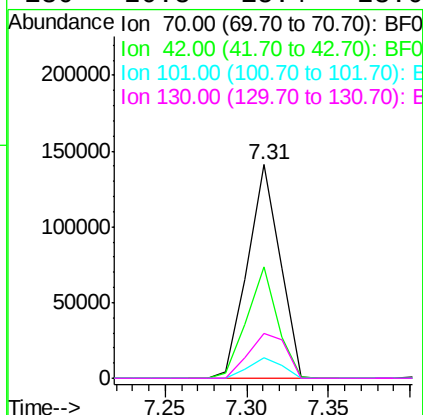
Ion Ratio Lower Upper

70 100

42 52.2 49.2 73.8

101 9.6 7.1 10.7

130 20.8 15.4 23.0



#20

3+4-Methylphenols

Concen: 48.41 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

Tgt Ion: 107 Resp: 323032

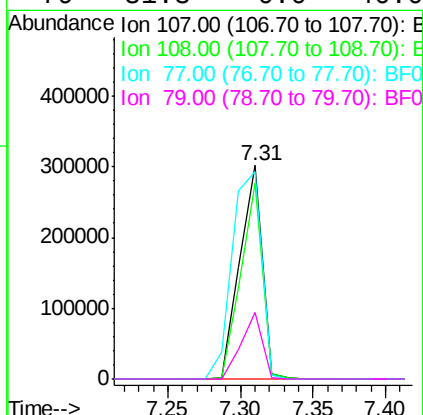
Ion Ratio Lower Upper

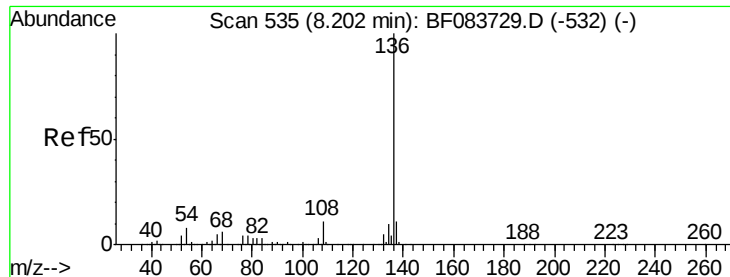
107 100

108 91.5 65.2 105.2

77 97.3 15.2 55.2#

79 31.3 6.0 46.0

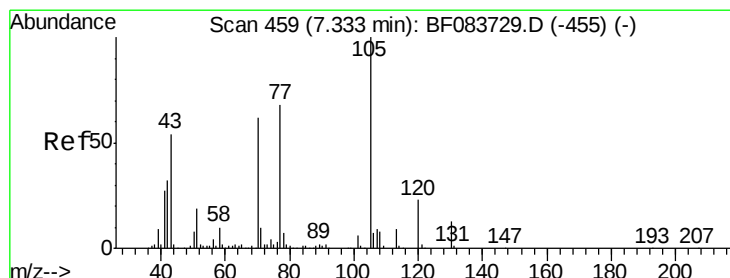
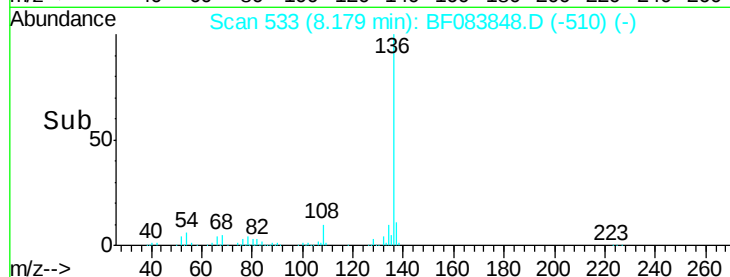
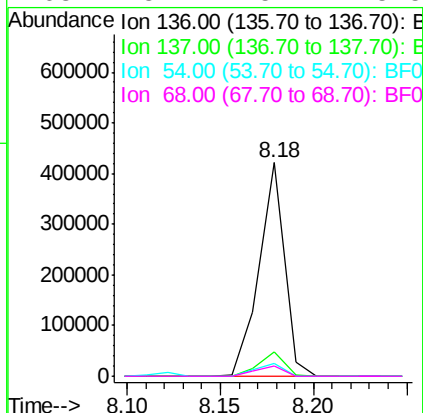
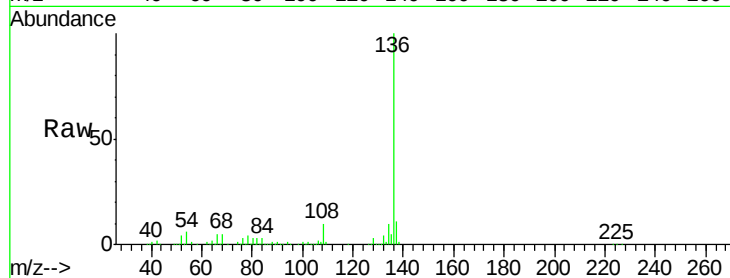




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

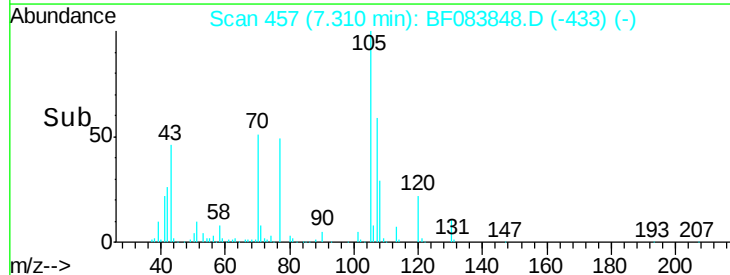
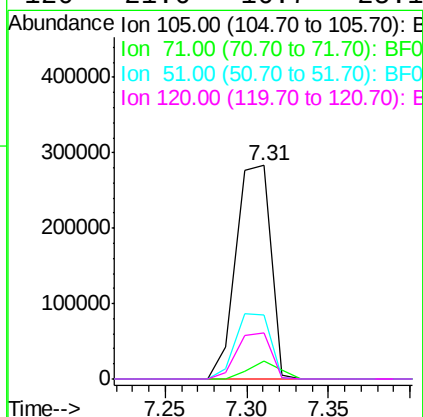
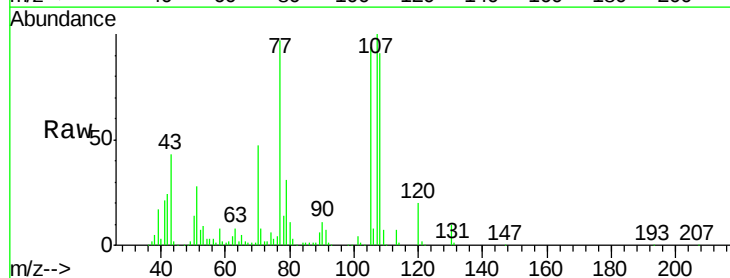
Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

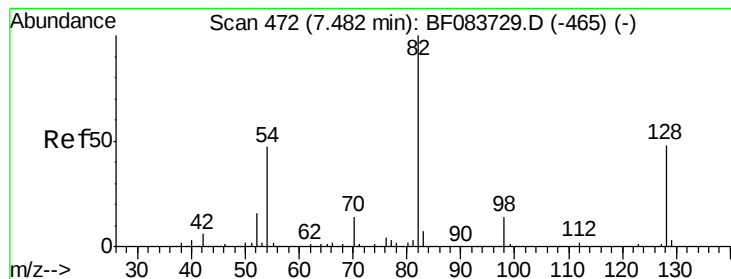
Tgt Ion:	136	Resp:	397428
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.1	7.8	11.6#
68	5.1	5.7	8.5#



#22
Acetophenone
Concen: 42.83 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:	105	Resp:	417595
Ion	Ratio	Lower	Upper
105	100		
71	8.2	1.3	1.9#
51	30.1	23.8	35.8
120	21.6	16.7	25.1





#23

Nitrobenzene-d5

Concen: 85.56 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMSD

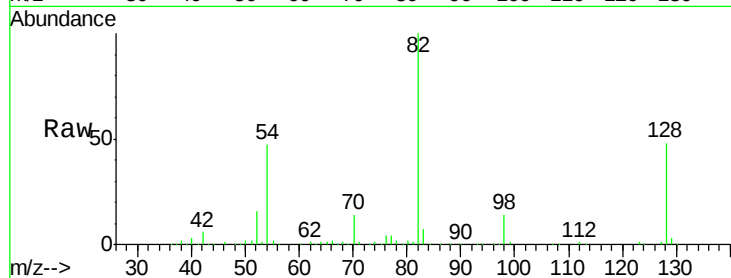
Tgt Ion: 82 Resp: 607764

Ion Ratio Lower Upper

82 100

128 48.1 30.7 46.1#

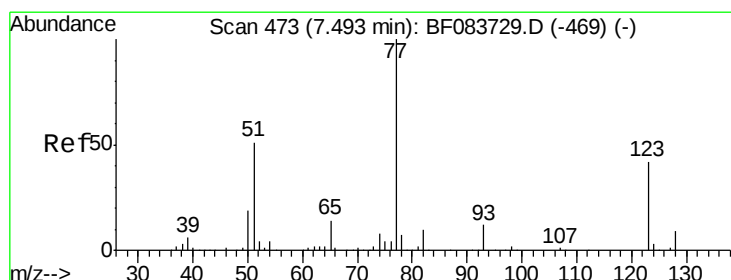
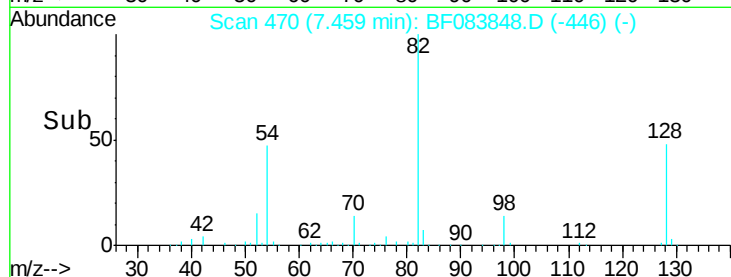
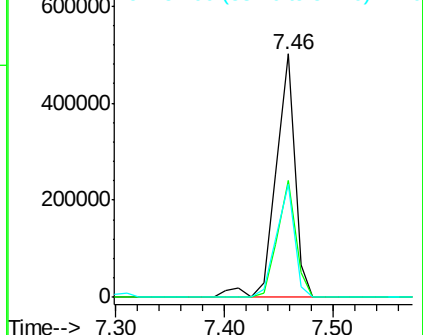
54 46.7 42.5 63.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 45.73 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.02 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

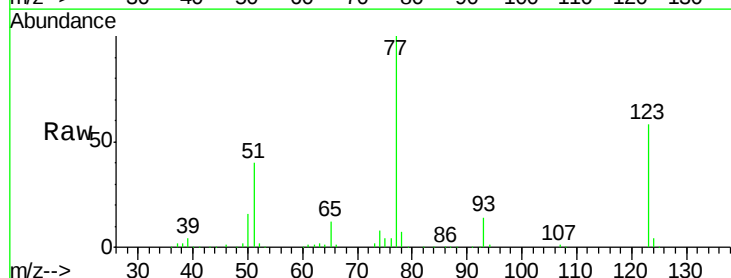
Tgt Ion: 77 Resp: 338089

Ion Ratio Lower Upper

77 100

123 58.3 29.8 44.6#

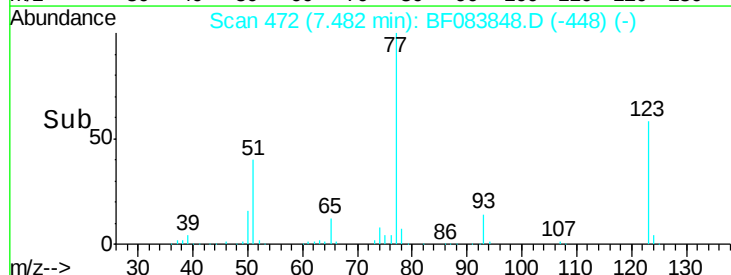
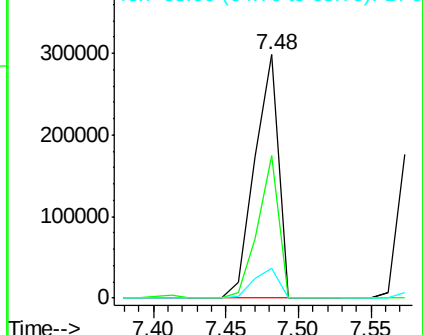
65 12.5 11.1 16.7

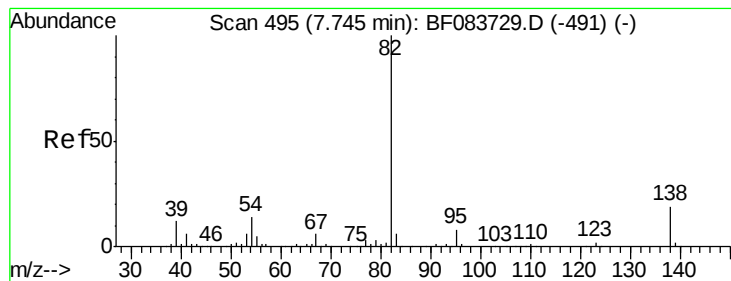


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.11 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.02 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMSD

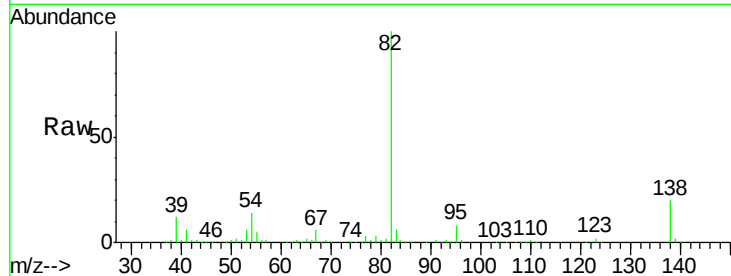
Tgt Ion: 82 Resp: 600891

Ion Ratio Lower Upper

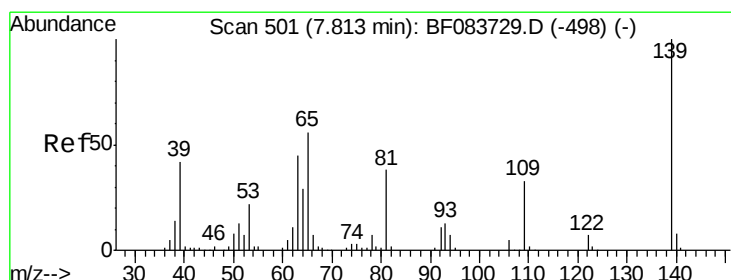
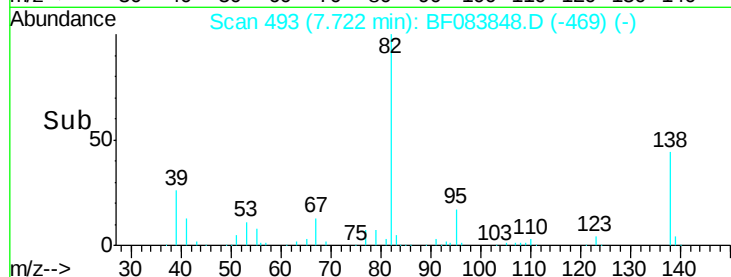
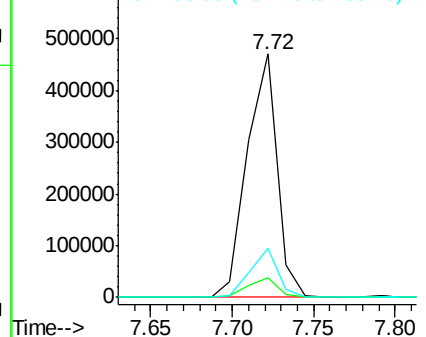
82 100

95 7.9 5.0 7.4#

138 20.3 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.61 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.03 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

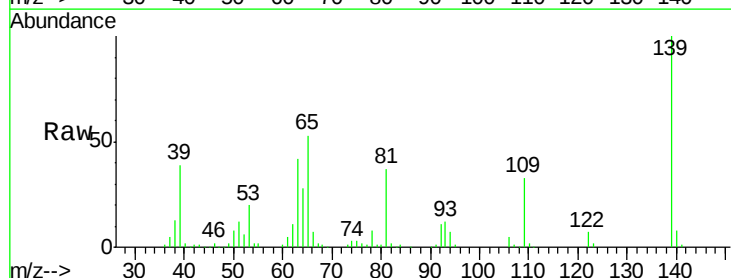
Tgt Ion: 139 Resp: 161991

Ion Ratio Lower Upper

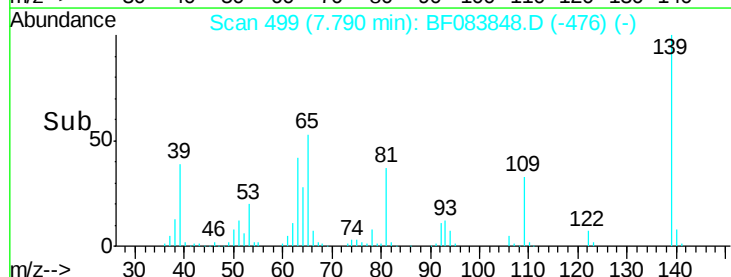
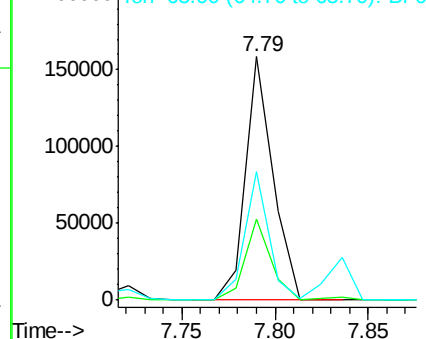
139 100

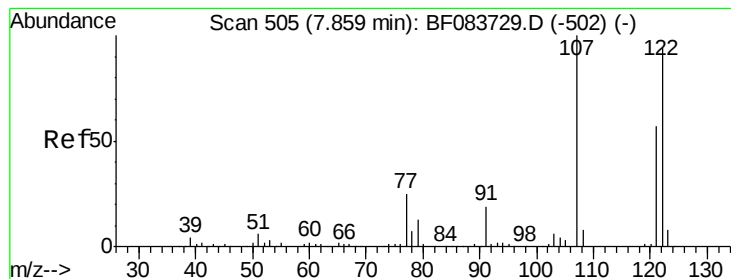
109 33.1 22.7 34.1

65 52.7 51.8 77.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

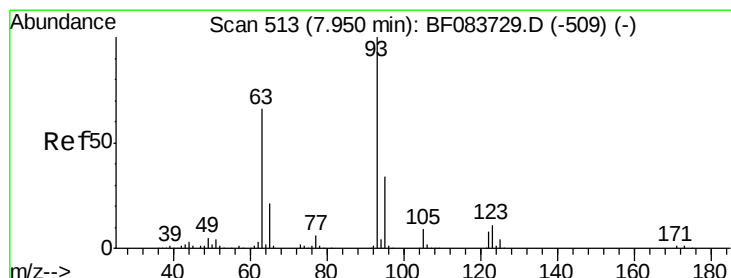
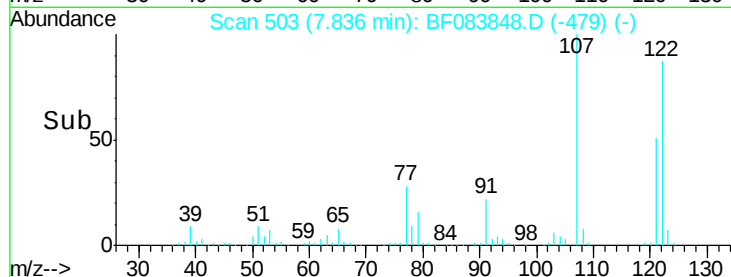
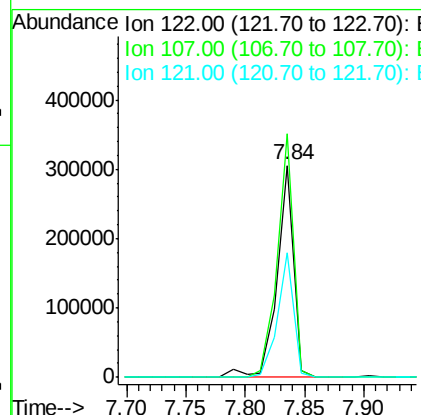
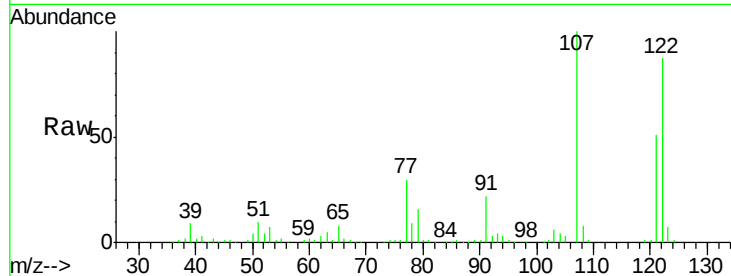




#27
 2,4-Dimethylphenol
 Concen: 43.18 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

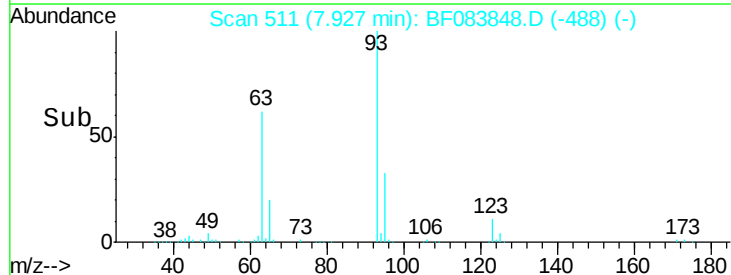
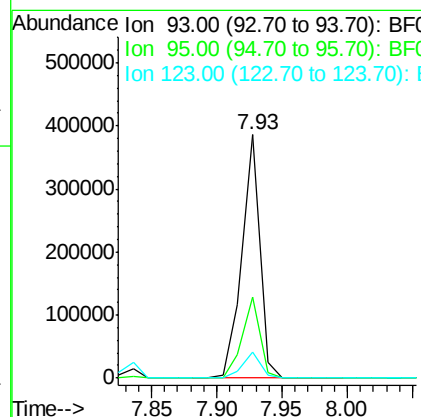
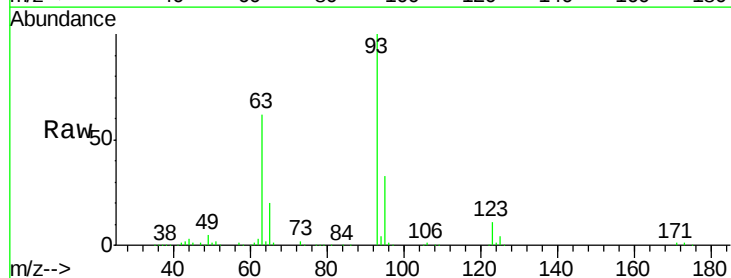
Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMSD

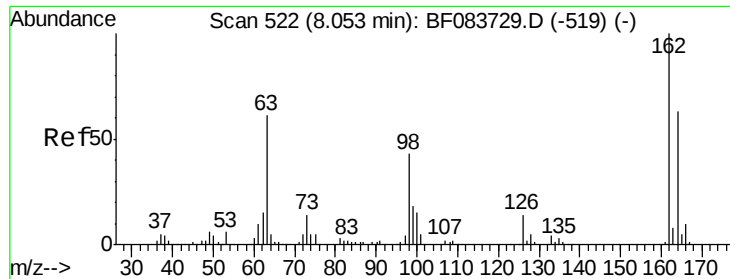
Tgt Ion:122 Resp: 301354
 Ion Ratio Lower Upper
 122 100
 107 114.8 92.4 138.6
 121 58.6 45.8 68.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.00 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.03 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Tgt Ion: 93 Resp: 365831
 Ion Ratio Lower Upper
 93 100
 95 33.4 25.6 38.4
 123 10.9 7.3 10.9#

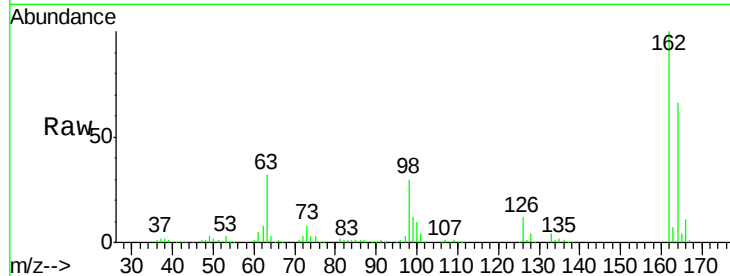




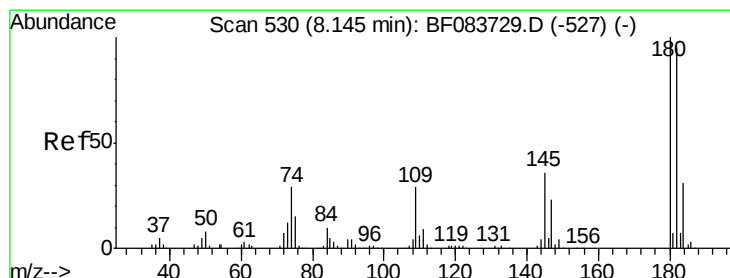
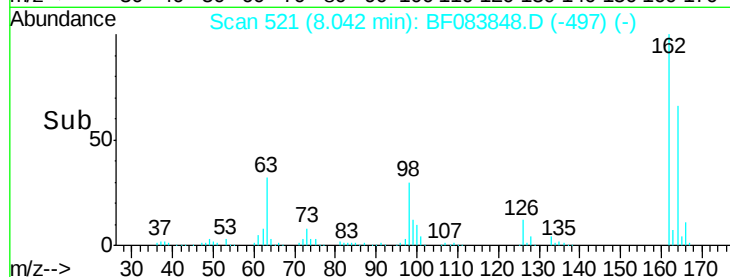
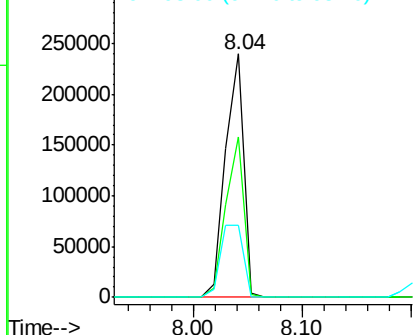
#29
 2,4-Dichlorophenol
 Concen: 48.80 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.02 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.1	43.4	83.4
98	29.7	17.5	57.5

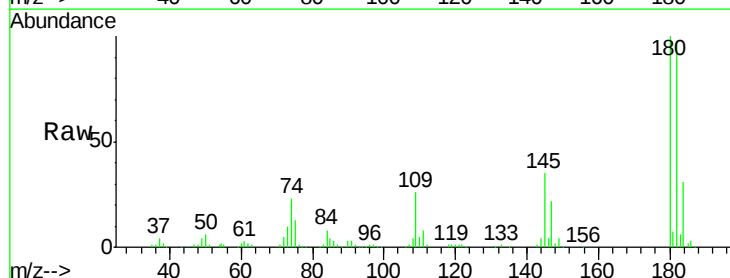


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

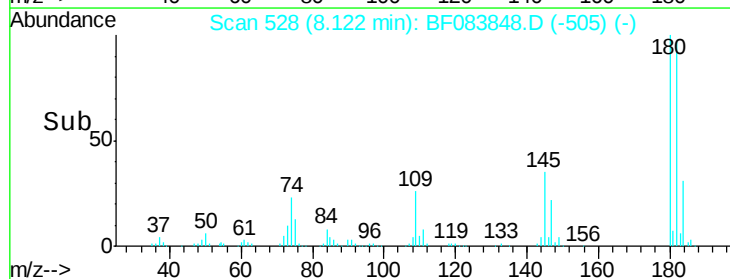
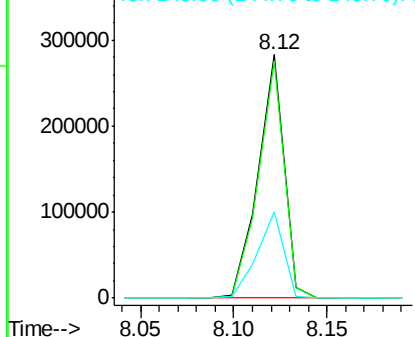


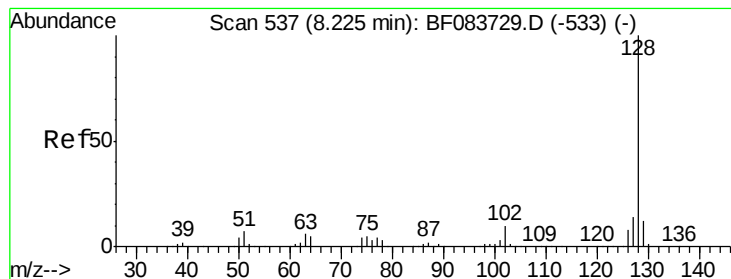
#30
 1,2,4-Trichlorobenzene
 Concen: 45.64 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.03 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	74.9	112.3
145	35.1	24.7	37.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.66 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.03 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMSD

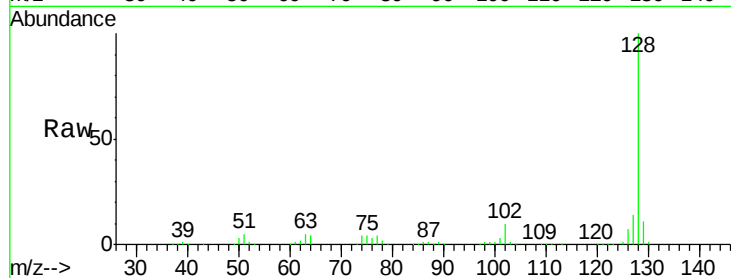
Tgt Ion:128 Resp: 966747

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

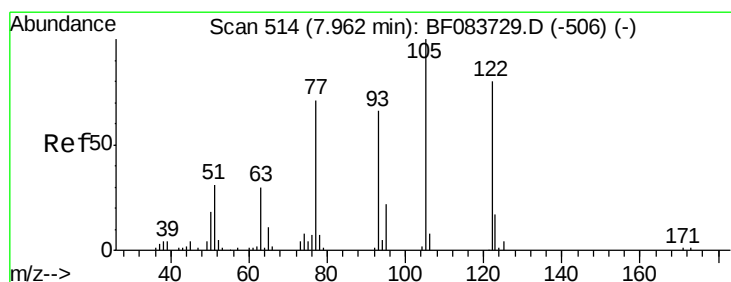
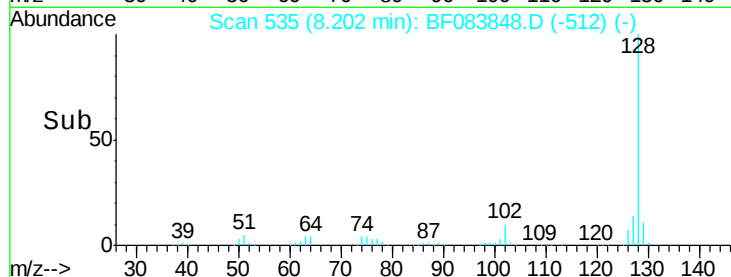
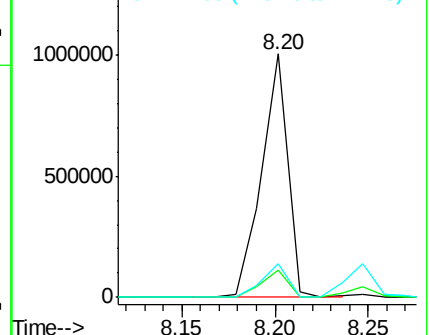
127 13.8 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 69.28 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.13 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

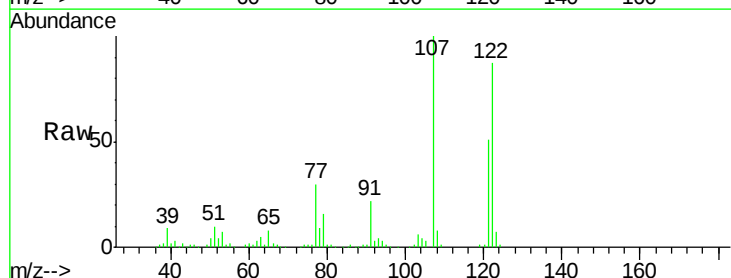
Tgt Ion:122 Resp: 301354

Ion Ratio Lower Upper

122 100

105 3.8 105.6 145.6#

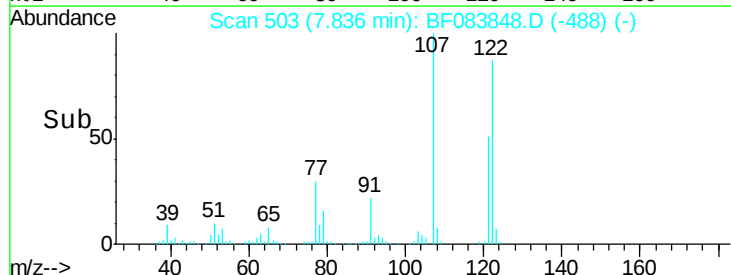
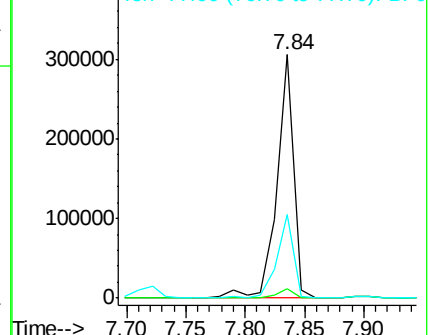
77 34.2 86.8 126.8#

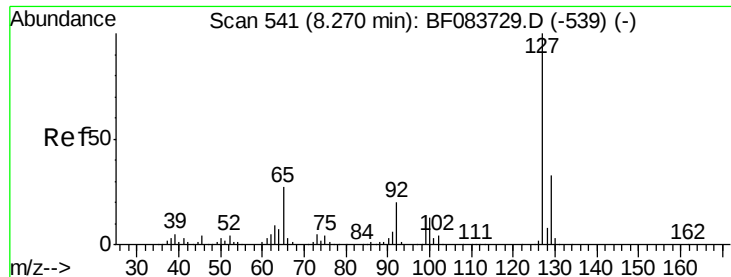


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

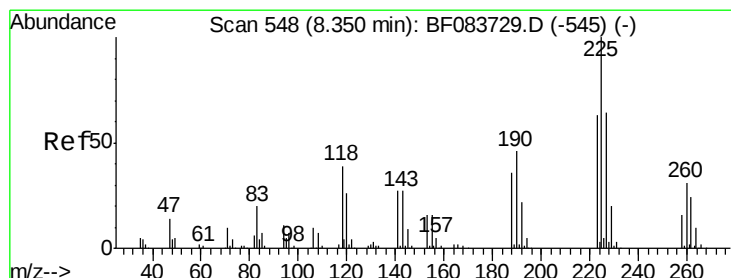
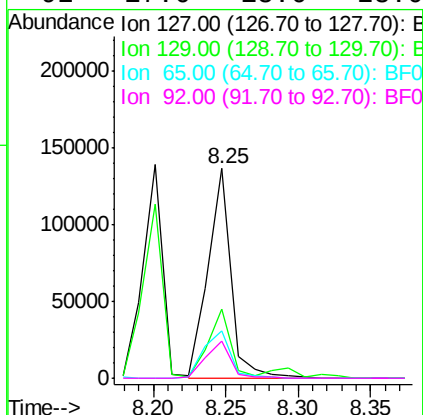
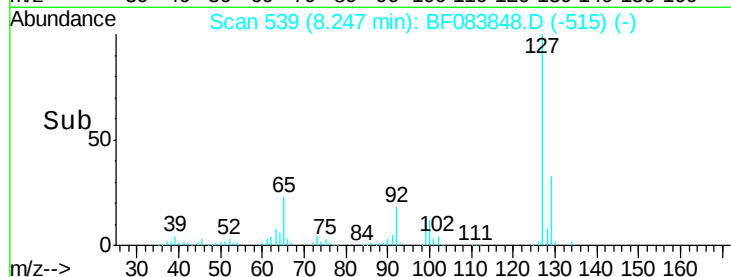
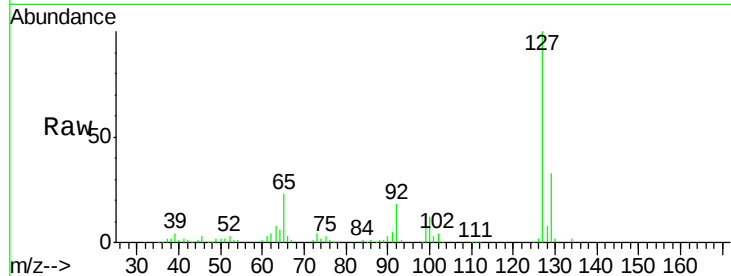




#33
4-Chloroaniline
Concen: 17.76 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

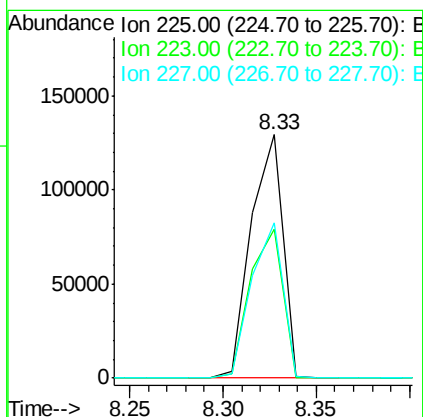
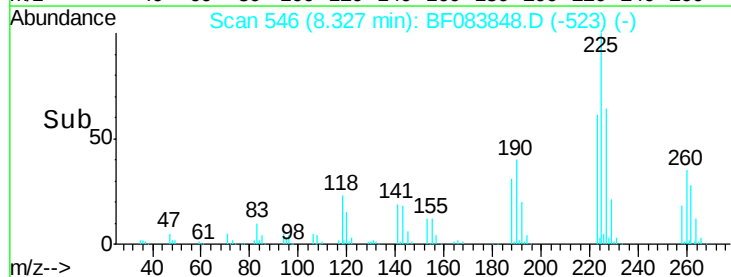
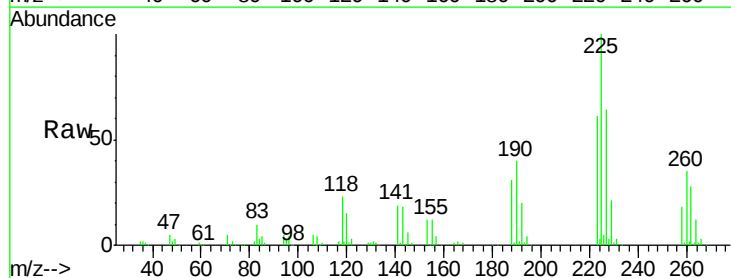
Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

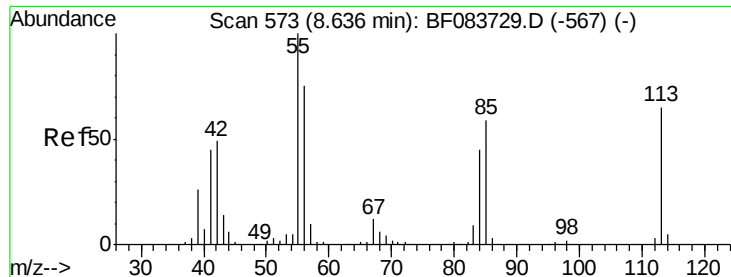
Tgt Ion:	127	Resp:	150291
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.1	39.1
65	22.7	33.5	50.3#
92	17.6	18.6	28.0#



#34
Hexachlorobutadiene
Concen: 46.71 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:	225	Resp:	152277
Ion	Ratio	Lower	Upper
225	100		
223	61.1	52.3	78.5
227	63.9	50.4	75.6

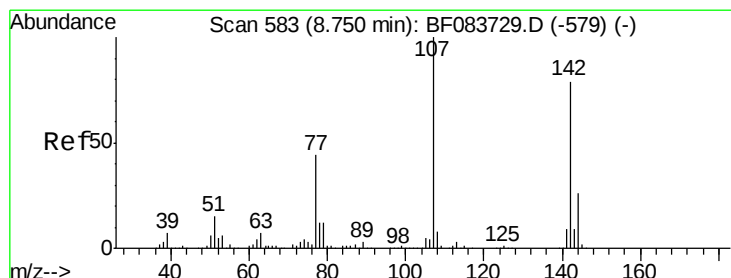
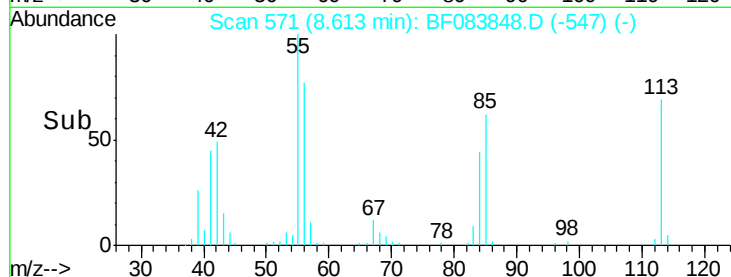
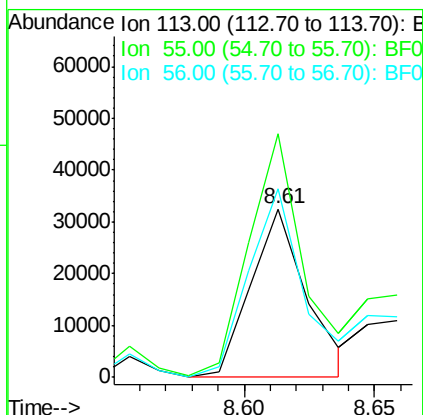
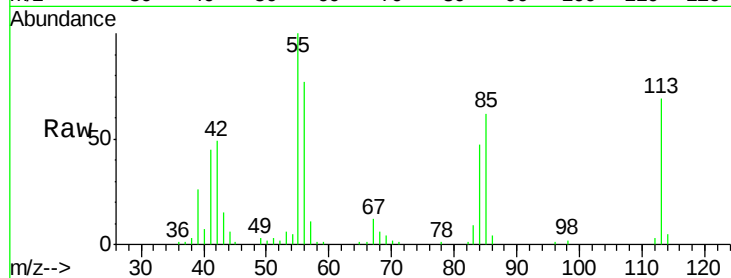




#35
 Caprolactam
 Concen: 26.30 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.02 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

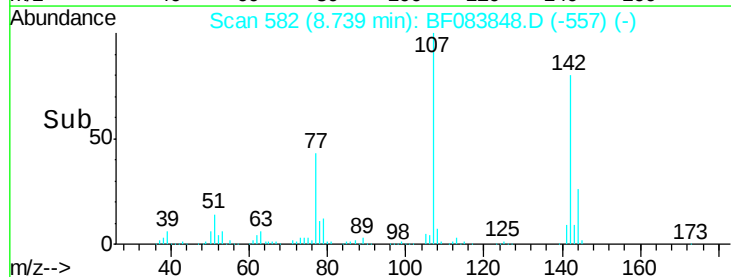
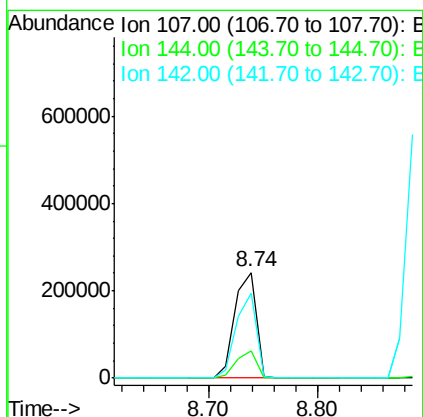
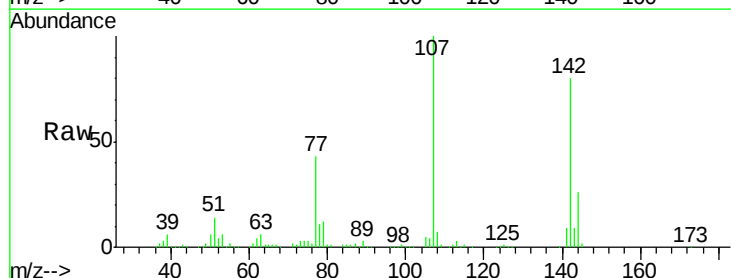
Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMSD

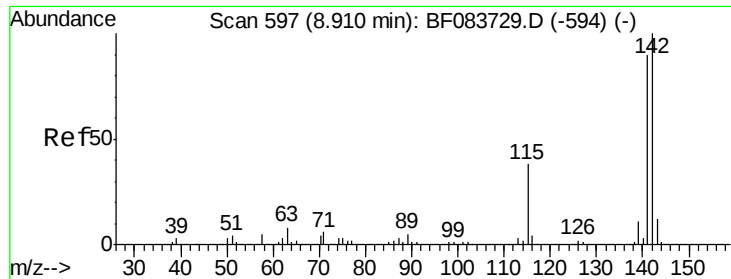
Tgt Ion:113 Resp: 48383
 Ion Ratio Lower Upper
 113 100
 55 144.3 189.7 229.7#
 56 111.8 130.7 170.7#



#36
 4-Chloro-3-methylphenol
 Concen: 48.93 ng
 RT: 8.74 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Tgt Ion:107 Resp: 327909
 Ion Ratio Lower Upper
 107 100
 144 26.2 17.5 26.3
 142 79.7 53.6 80.4

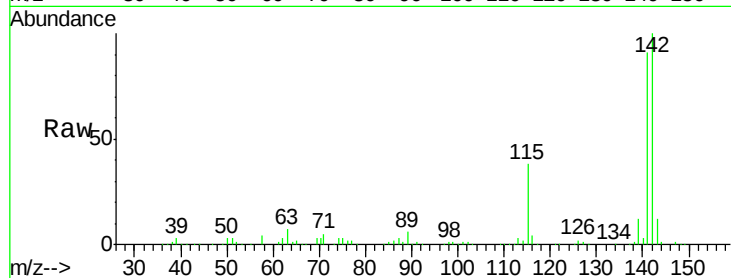




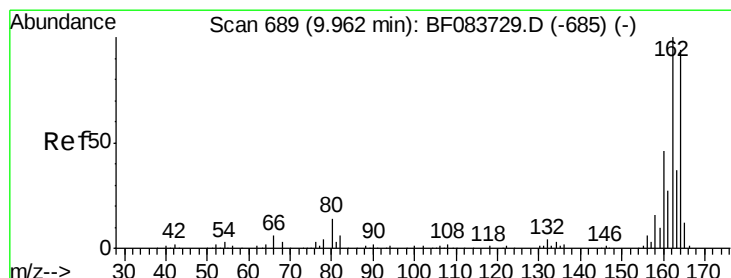
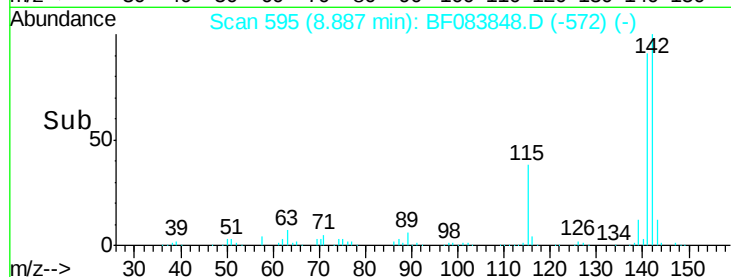
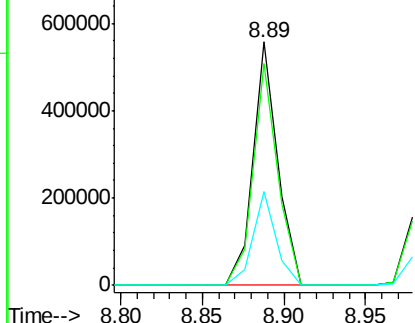
#37
 2-Methylnaphthalene
 Concen: 45.13 ng
 RT: 8.89 min Scan# 595
 Delta R.T. -0.03 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMSD

Tgt Ion:142 Resp: 586941
 Ion Ratio Lower Upper
 142 100
 141 91.1 70.3 105.5
 115 38.4 29.2 43.8

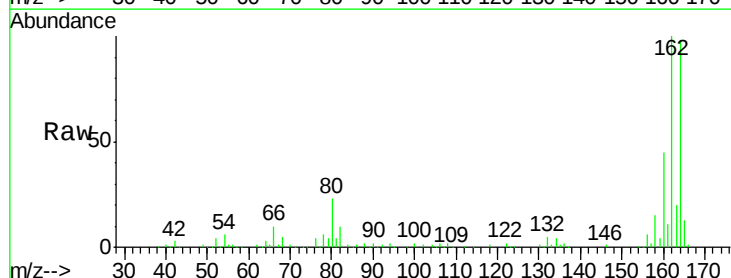


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

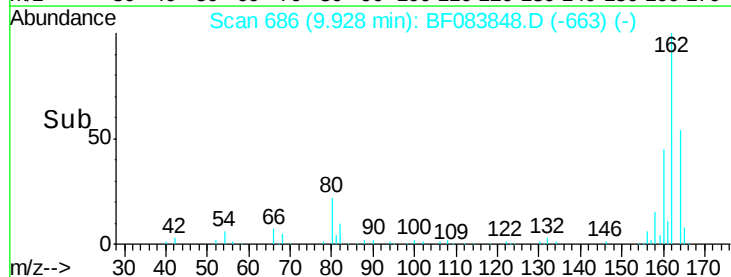
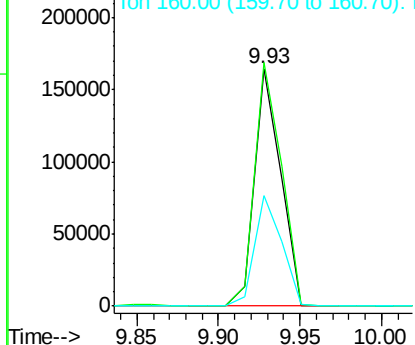


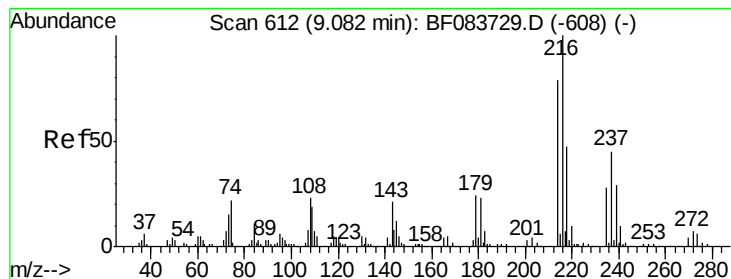
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.03 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Tgt Ion:164 Resp: 183398
 Ion Ratio Lower Upper
 164 100
 162 102.5 78.8 118.2
 160 46.4 33.4 50.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.02 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.03 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMSD

Tgt Ion:216 Resp: 248974

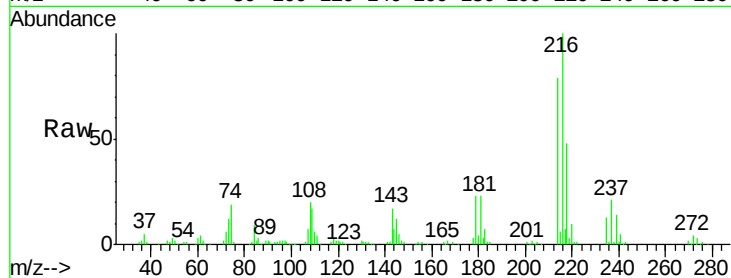
Ion Ratio Lower Upper

216 100

214 79.2 0.0 0.0#

179 23.3 0.0 0.0#

108 23.0 0.0 0.0#

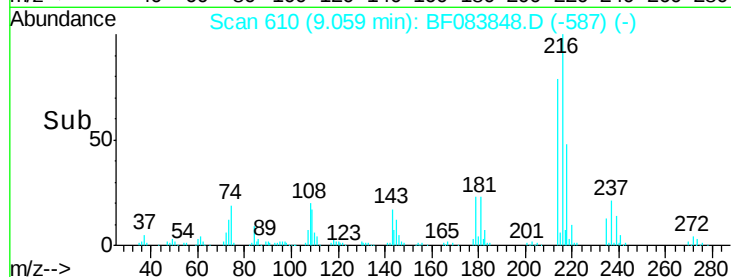


Abundance Ion 216.00 (215.70 to 216.70): E

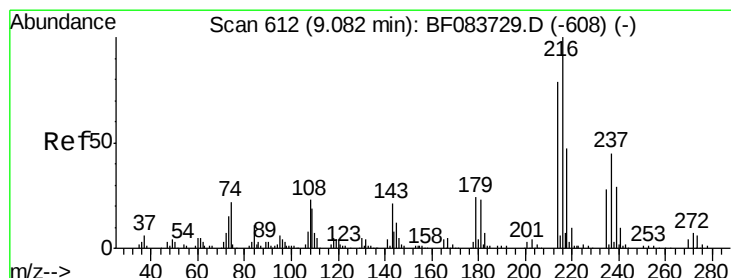
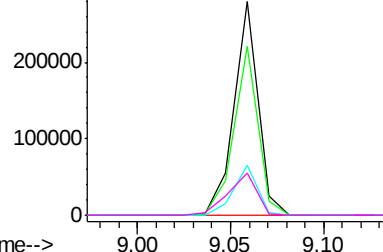
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 77.54 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.03 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

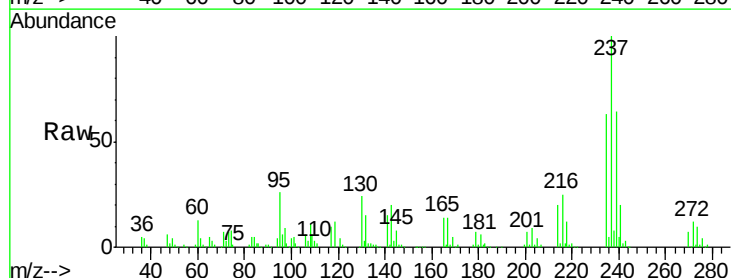
Tgt Ion:237 Resp: 212570

Ion Ratio Lower Upper

237 100

235 63.3 43.9 83.9

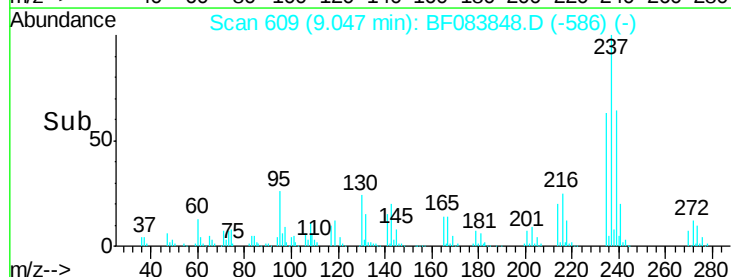
272 12.2 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E

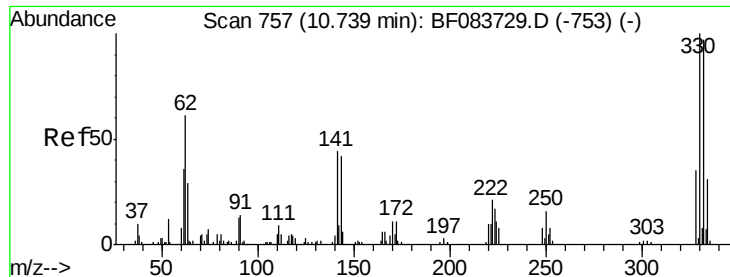
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

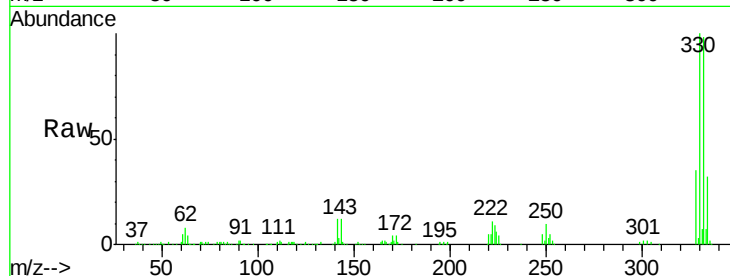




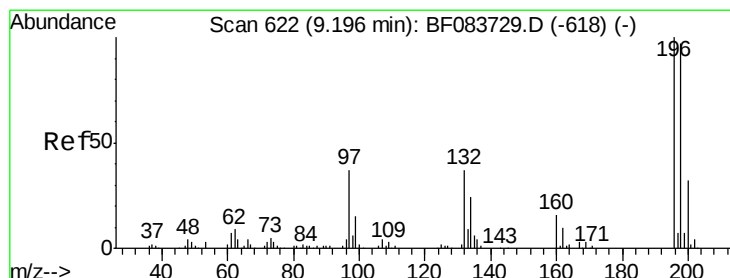
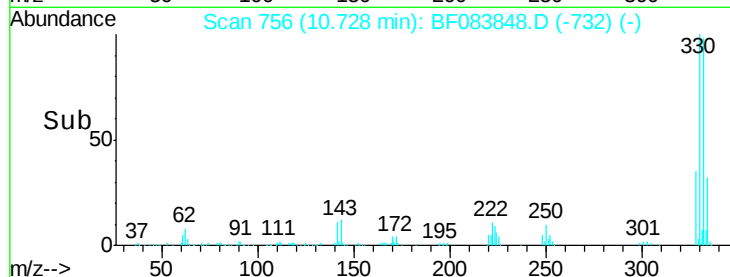
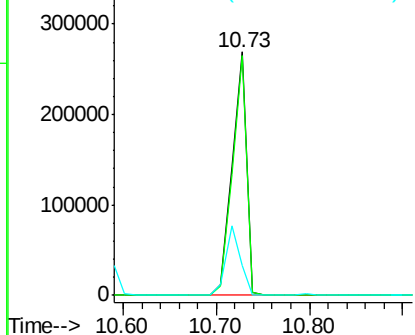
#41
 2,4,6-Tribromophenol
 Concen: 157.94 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	29.0	0.0	0.0#

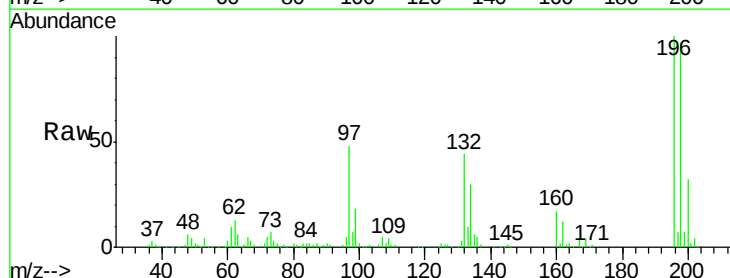


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

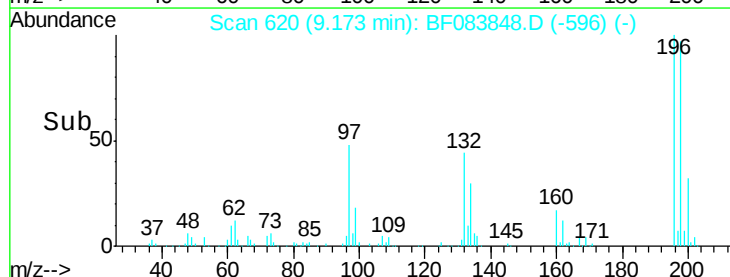
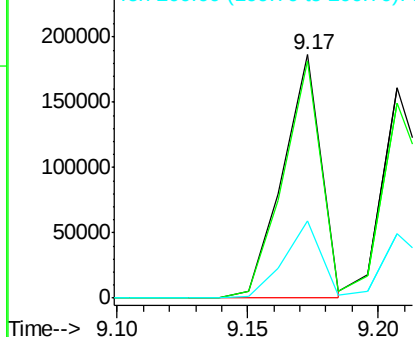


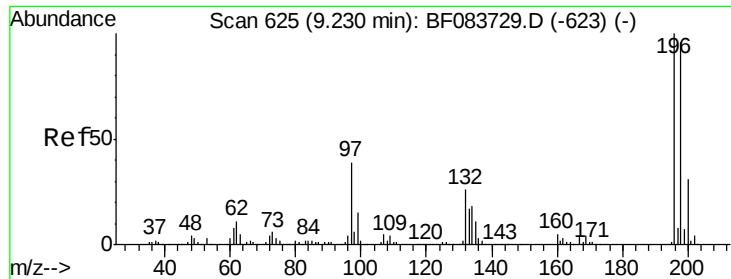
#42
 2,4,6-Trichlorophenol
 Concen: 47.84 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.2	112.8
200	31.6	23.0	34.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

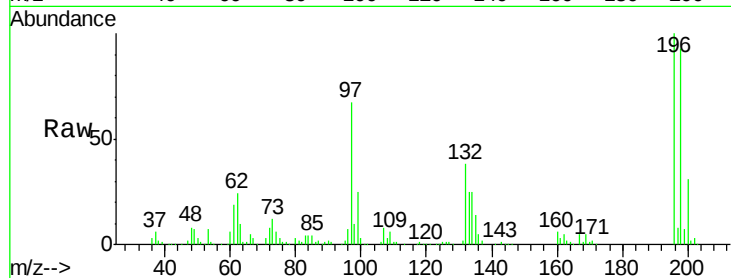




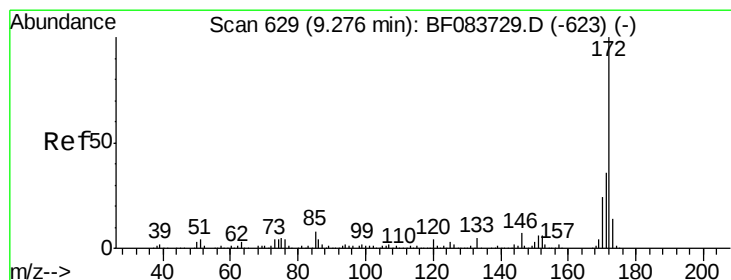
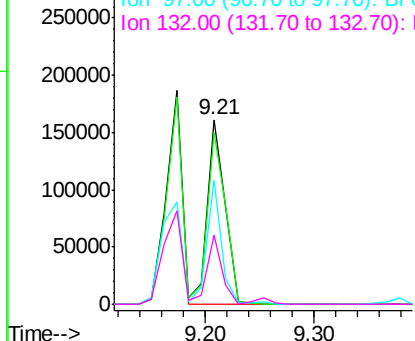
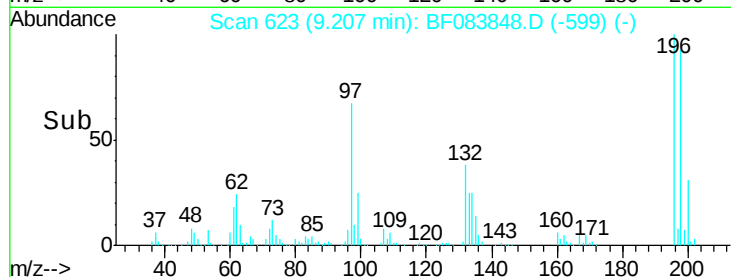
#43
 2,4,5-Trichlorophenol
 Concen: 49.15 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.02 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMSD

Tgt Ion:196 Resp: 184638
 Ion Ratio Lower Upper
 196 100
 198 92.9 77.7 116.5
 97 67.0 41.2 61.8#
 132 37.5 21.8 32.8#

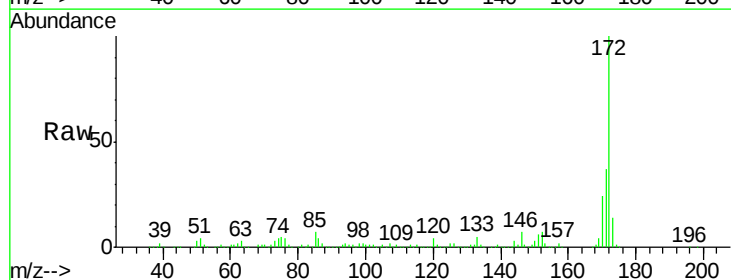


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

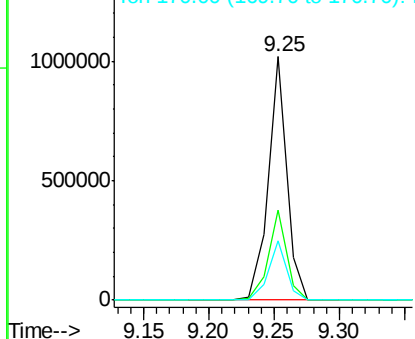
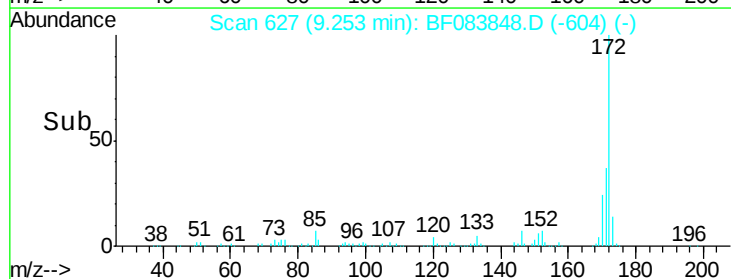


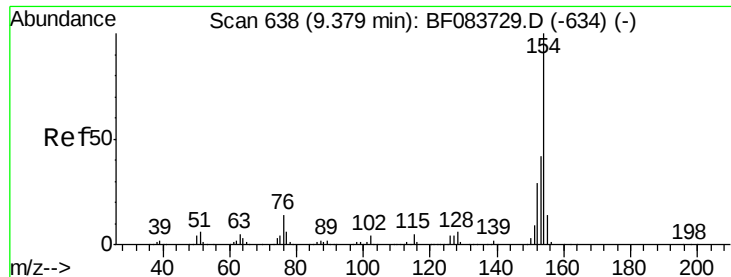
#44
 2-Fluorobiphenyl
 Concen: 80.16 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Tgt Ion:172 Resp: 1021018
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.6 42.8
 170 24.4 19.4 29.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 45.98 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMSD

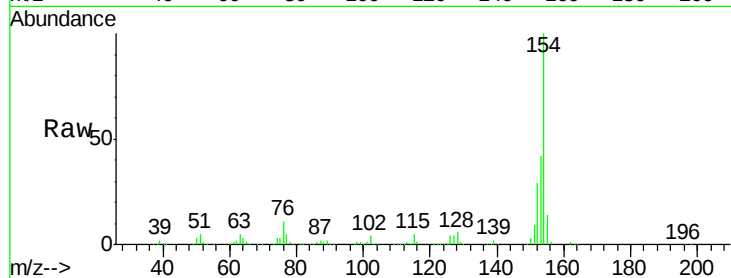
Tgt Ion:154 Resp: 747311

Ion Ratio Lower Upper

154 100

153 42.2 20.2 60.2

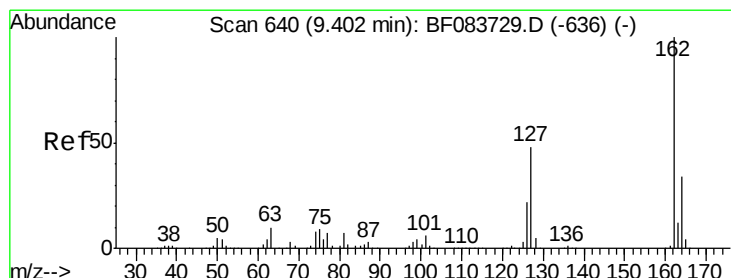
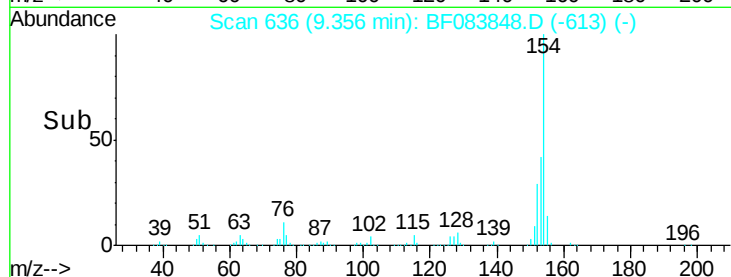
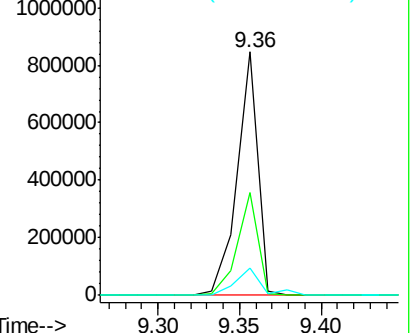
76 11.4 0.0 34.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.31 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.03 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

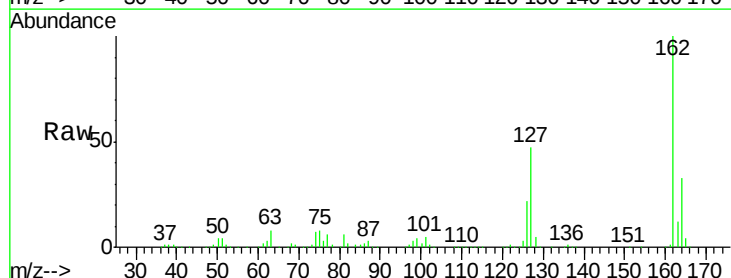
Tgt Ion:162 Resp: 543660

Ion Ratio Lower Upper

162 100

127 47.2 31.0 46.4#

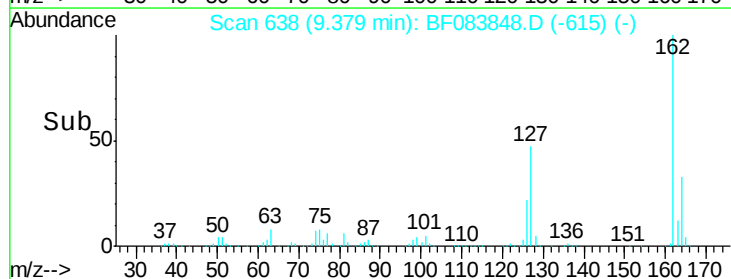
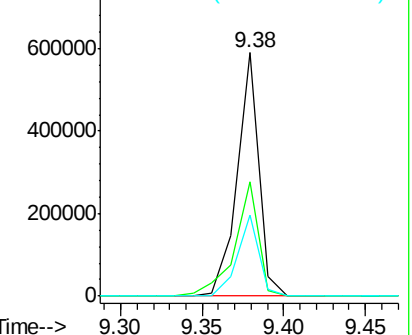
164 33.3 27.4 41.0

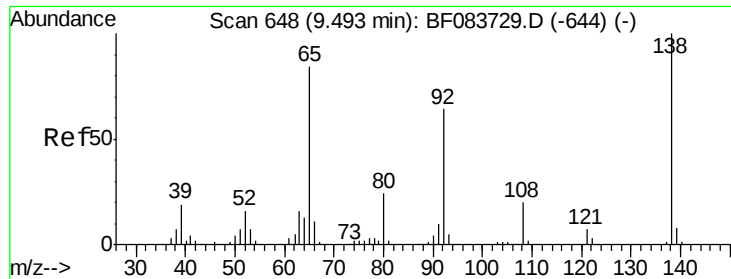


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

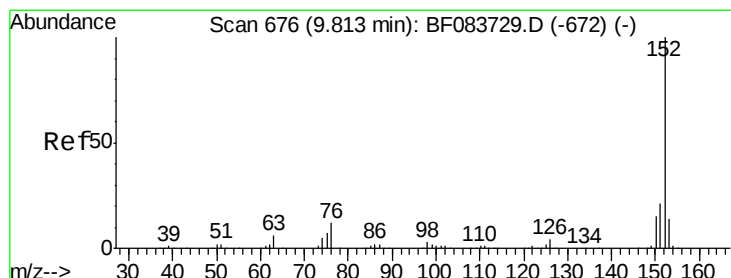
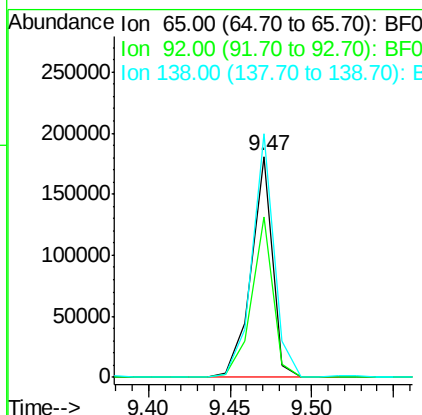
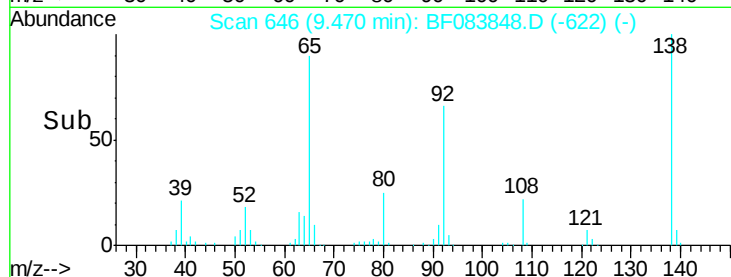
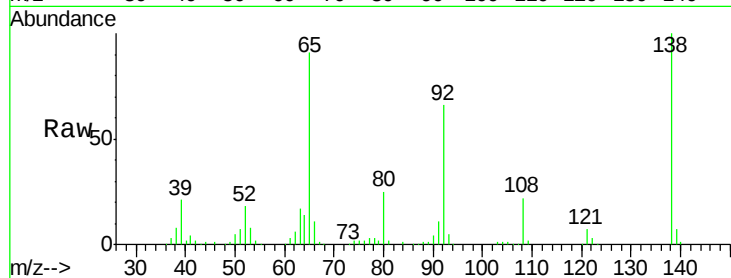




#47
 2-Nitroaniline
 Concen: 48.07 ng
 RT: 9.47 min Scan# 646
 Delta R.T. -0.02 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

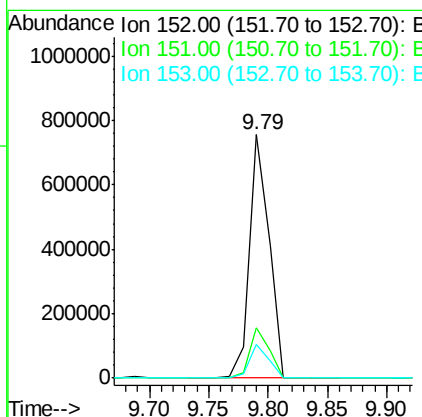
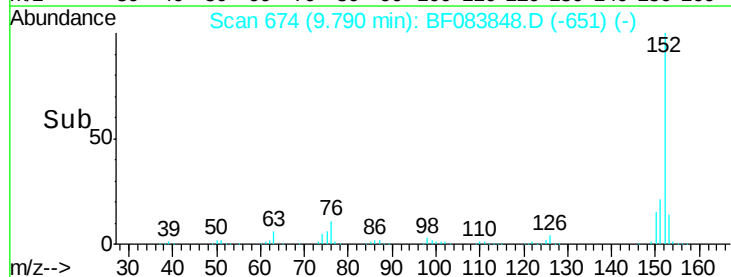
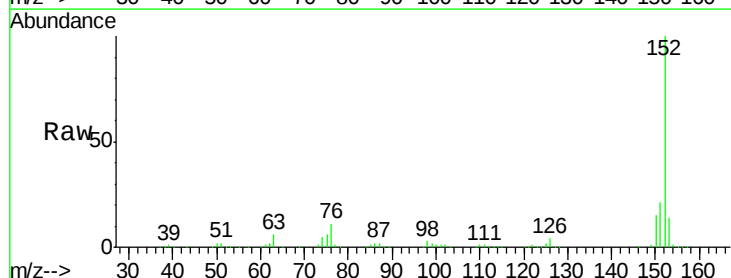
Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMSD

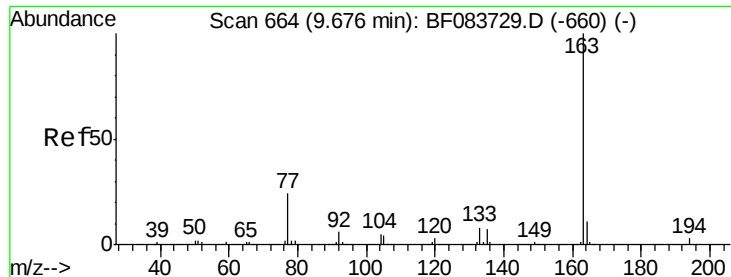
Tgt Ion: 65 Resp: 163561
 Ion Ratio Lower Upper
 65 100
 92 72.6 49.6 74.4
 138 110.3 64.1 96.1#



#48
 Acenaphthylene
 Concen: 43.22 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.03 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Tgt Ion: 152 Resp: 872458
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.3 24.5
 153 13.7 10.8 16.2





#49

Dimethylphthalate

Concen: 63.90 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMSD

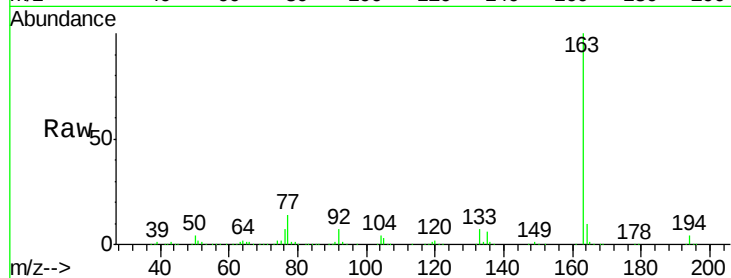
Tgt Ion:163 Resp: 913603

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

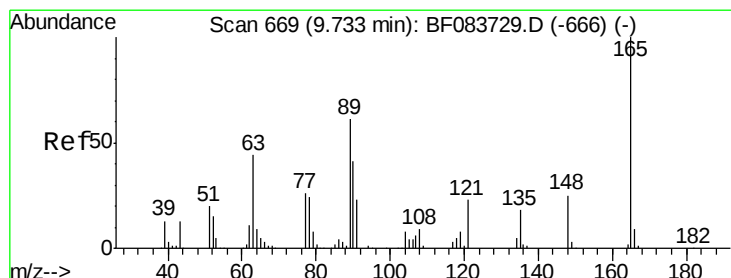
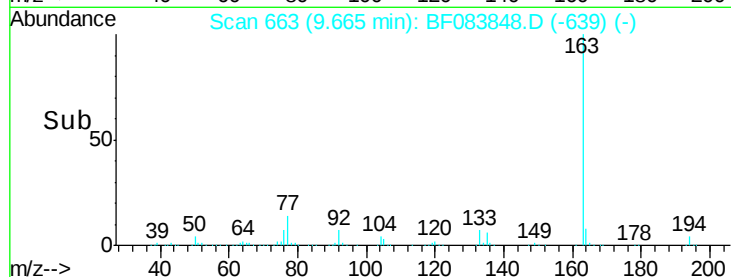
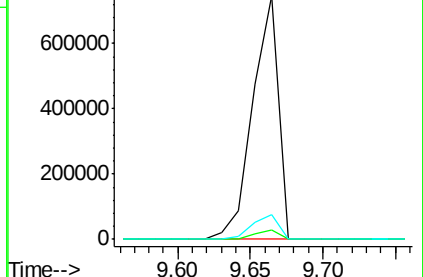
164 9.9 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.54 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.02 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

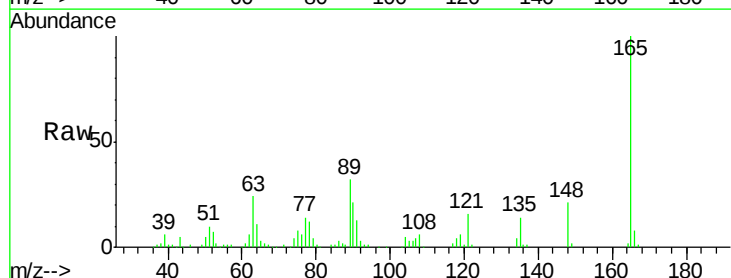
Tgt Ion:165 Resp: 156391

Ion Ratio Lower Upper

165 100

63 24.0 56.9 85.3#

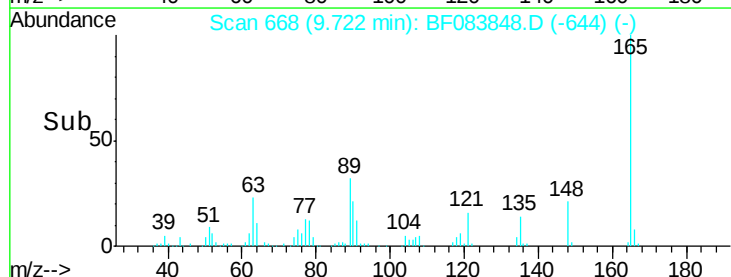
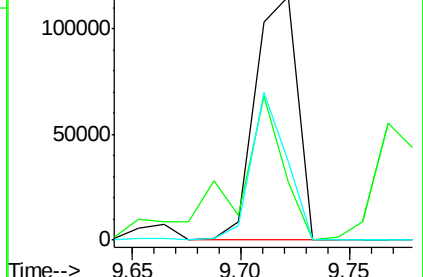
89 32.5 52.1 78.1#

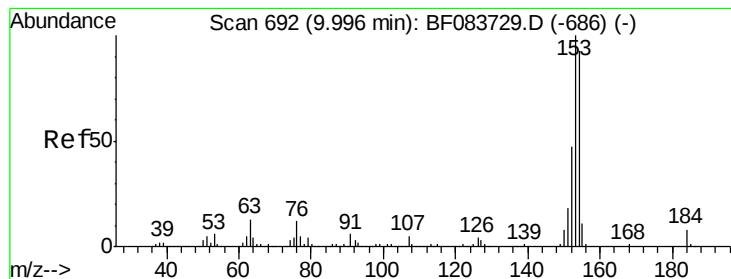


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.65 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.03 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMSD

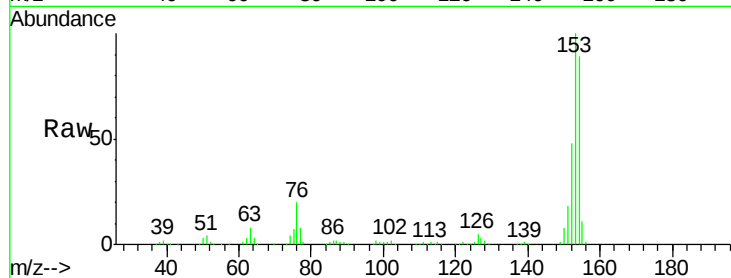
Tgt Ion:154 Resp: 557044

Ion Ratio Lower Upper

154 100

153 112.7 91.4 137.0

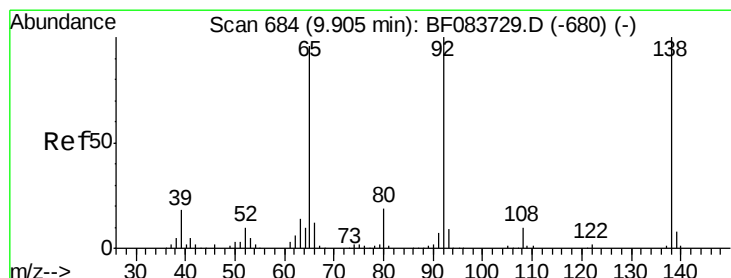
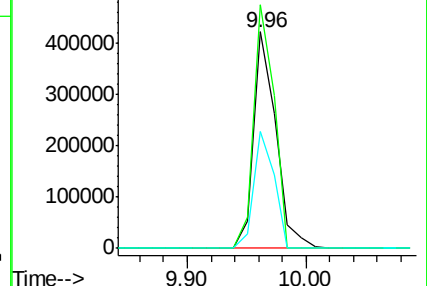
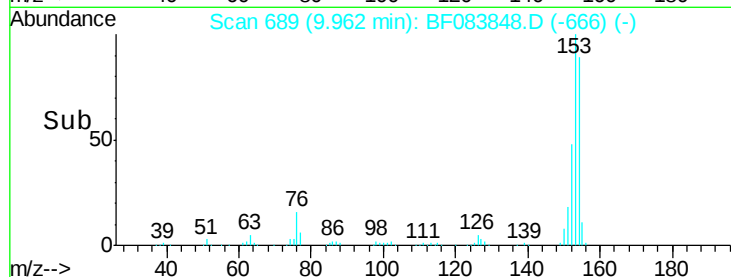
152 53.9 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.07 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

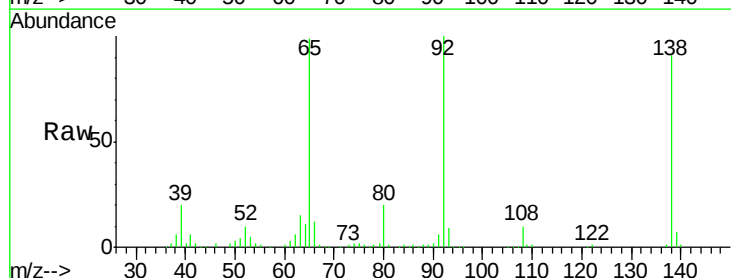
Tgt Ion:138 Resp: 108694

Ion Ratio Lower Upper

138 100

108 10.8 9.9 14.9

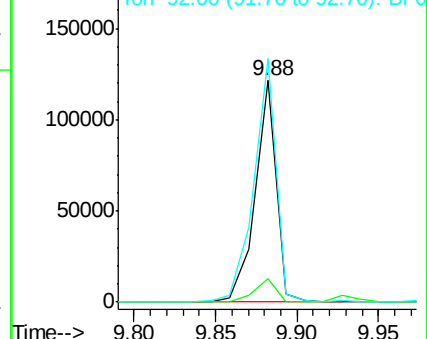
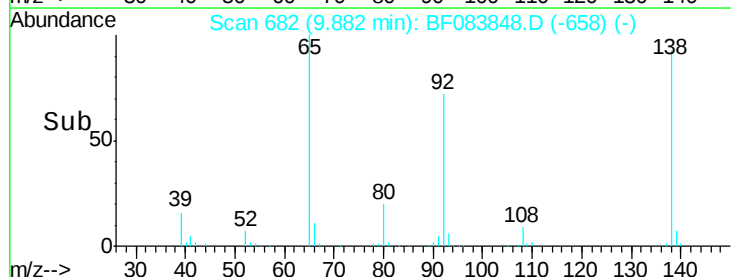
92 110.0 113.8 170.8#

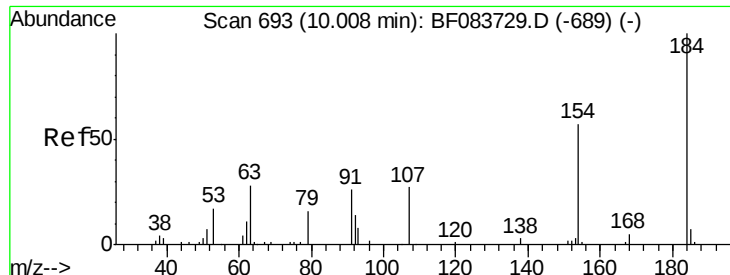


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

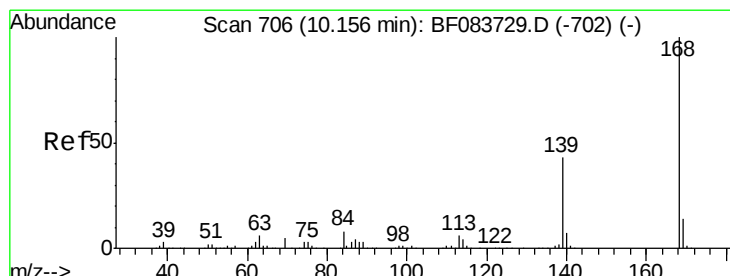
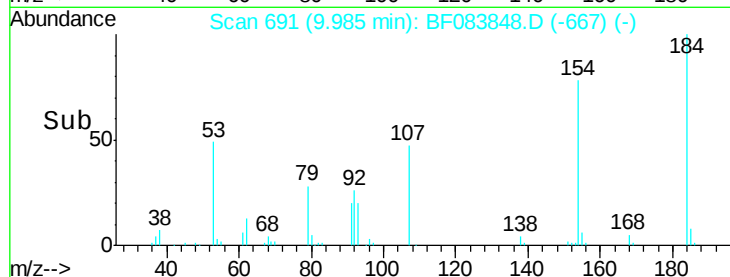
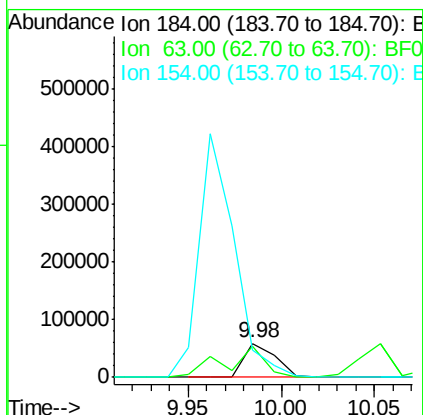
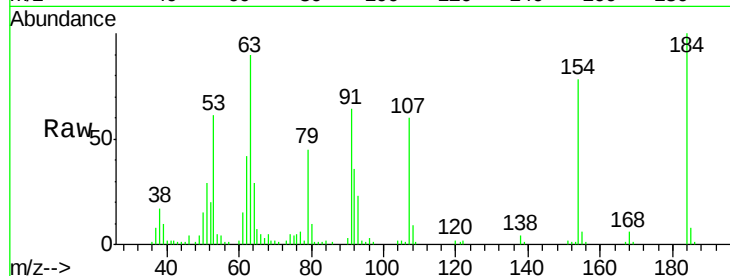




#53
 2,4-Dinitrophenol
 Concen: 52.48 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

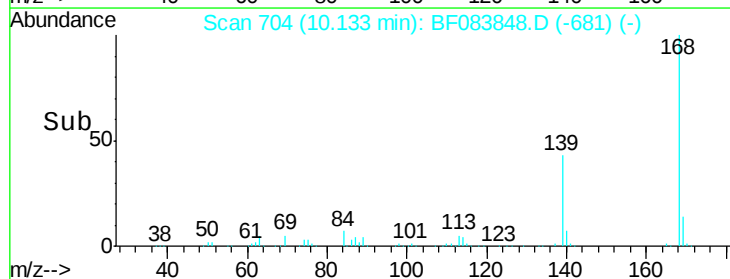
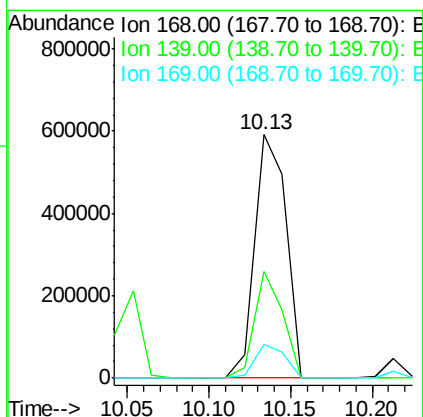
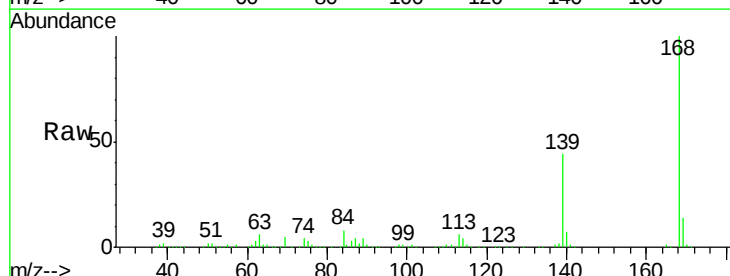
Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMSD

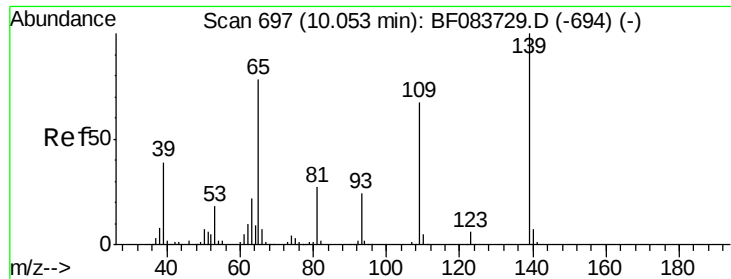
Tgt Ion:184 Resp: 70441
 Ion Ratio Lower Upper
 184 100
 63 90.2 62.4 93.6
 154 78.5 46.6 69.8#



#54
 Dibenzofuran
 Concen: 48.72 ng
 RT: 10.13 min Scan# 704
 Delta R.T. -0.03 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Tgt Ion:168 Resp: 787787
 Ion Ratio Lower Upper
 168 100
 139 43.8 28.0 42.0#
 169 14.0 10.8 16.2

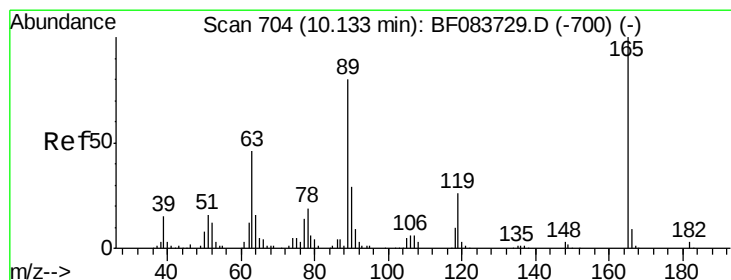
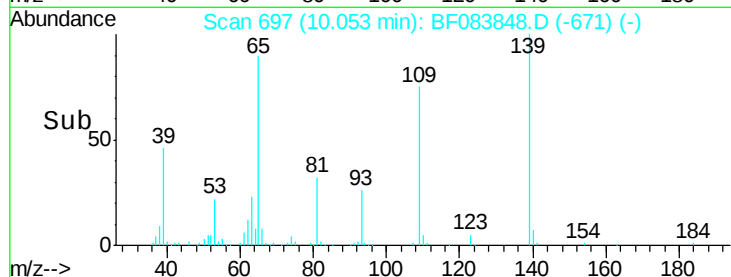
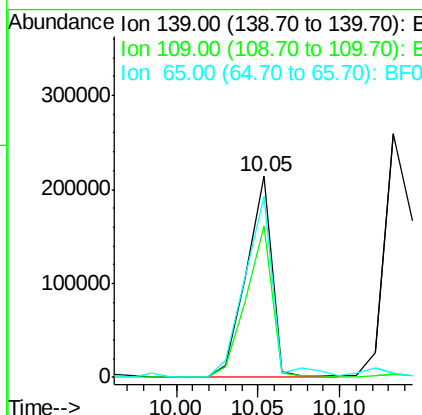
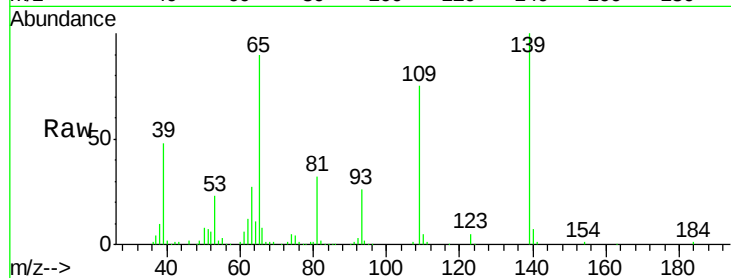




#55
4-Nitrophenol
Concen: 90.54 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

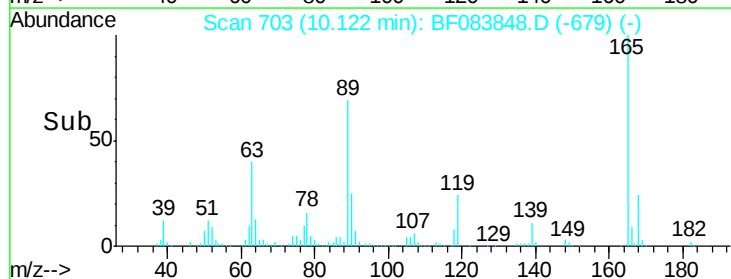
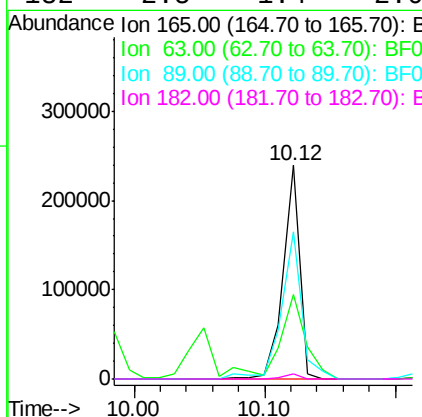
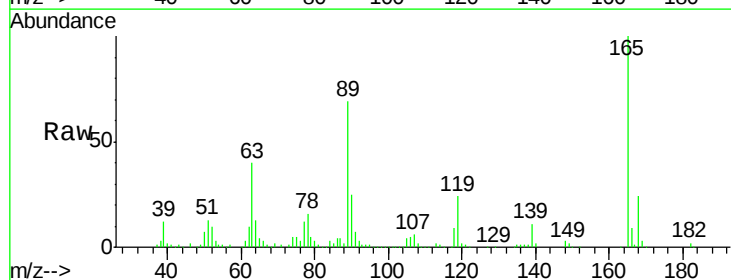
Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

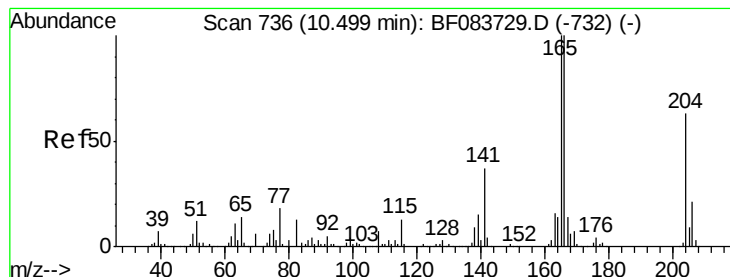
Tgt Ion:139 Resp: 234555
Ion Ratio Lower Upper
139 100
109 75.1 42.0 82.0
65 90.3 89.2 129.2



#56
2,4-Dinitrotoluene
Concen: 53.92 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:165 Resp: 213760
Ion Ratio Lower Upper
165 100
63 39.8 51.4 77.2#
89 68.9 72.6 108.8#
182 2.5 1.4 2.0#





#57

Fluorene

Concen: 43.94 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.03 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMSD

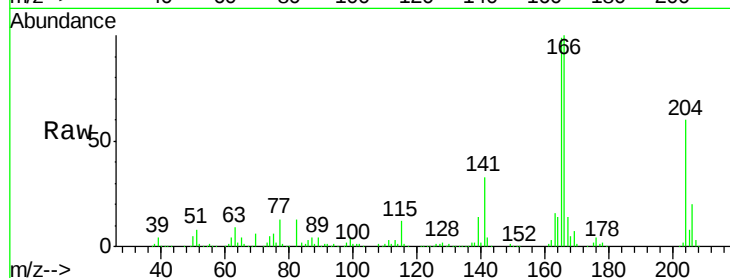
Tgt Ion:166 Resp: 559537

Ion Ratio Lower Upper

166 100

165 99.2 80.0 120.0

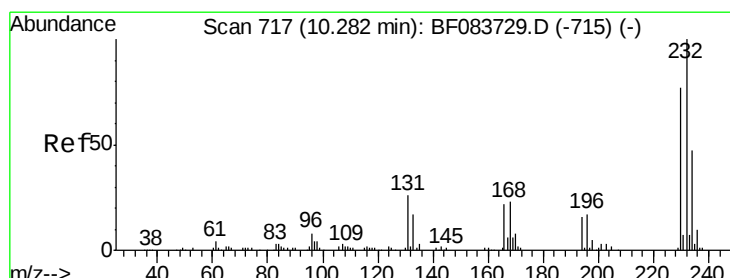
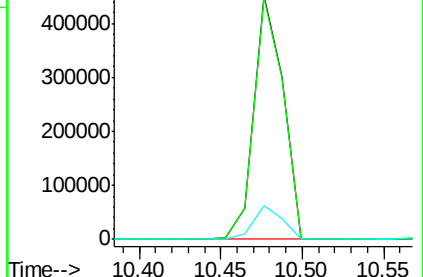
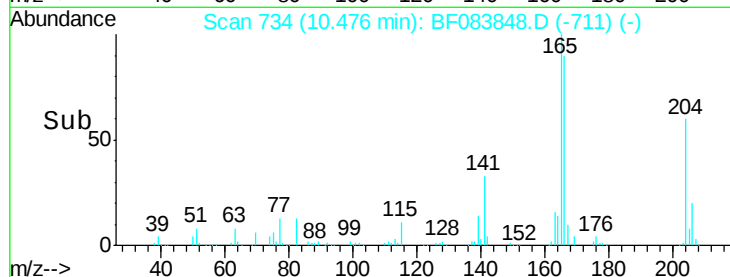
167 14.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.57 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

Tgt Ion:232 Resp: 159391

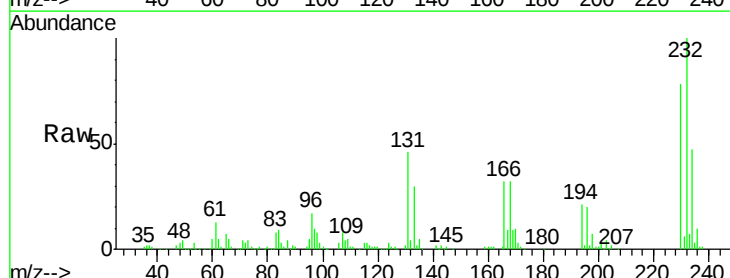
Ion Ratio Lower Upper

232 100

131 50.9 0.0 0.0#

130 2.6 0.0 0.0#

166 34.0 0.0 0.0#

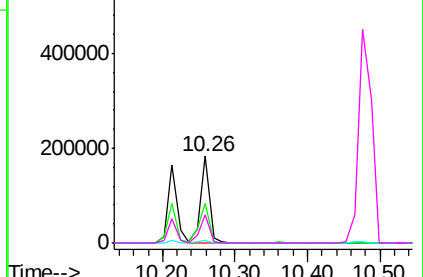
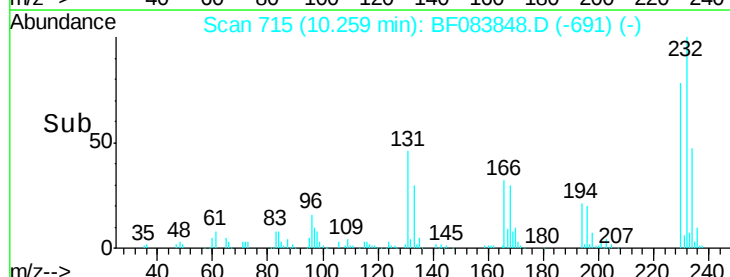


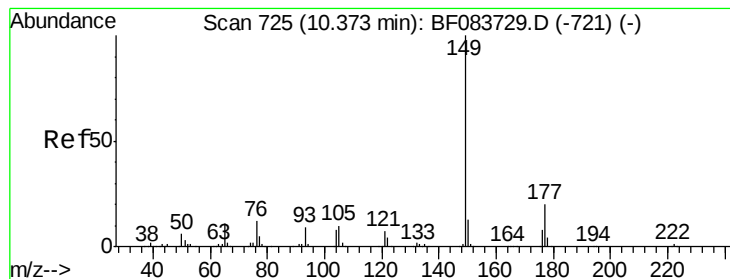
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 49.38 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMSD

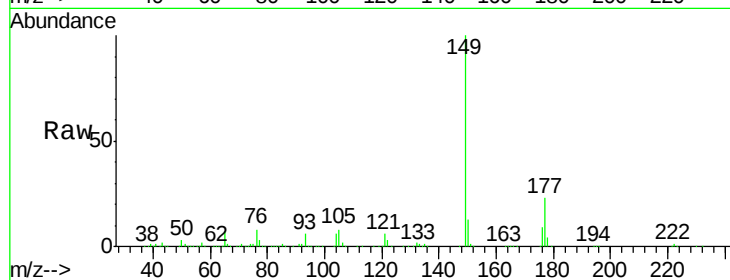
Tgt Ion:149 Resp: 714875

Ion Ratio Lower Upper

149 100

177 22.6 16.9 25.3

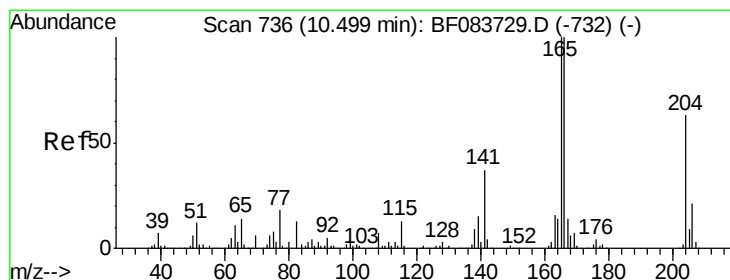
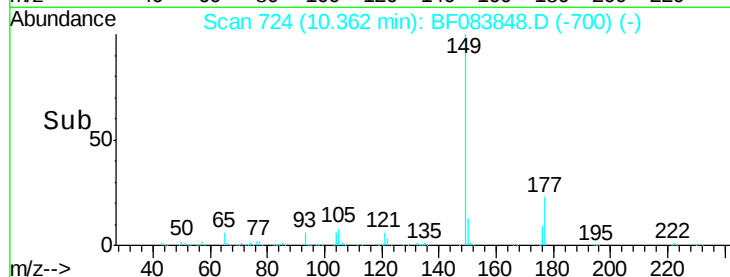
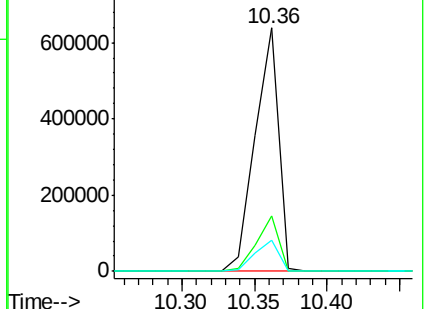
150 12.7 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 48.36 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

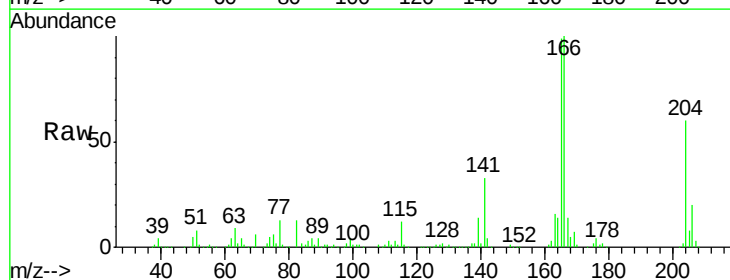
Tgt Ion:204 Resp: 280803

Ion Ratio Lower Upper

204 100

206 33.3 27.3 40.9

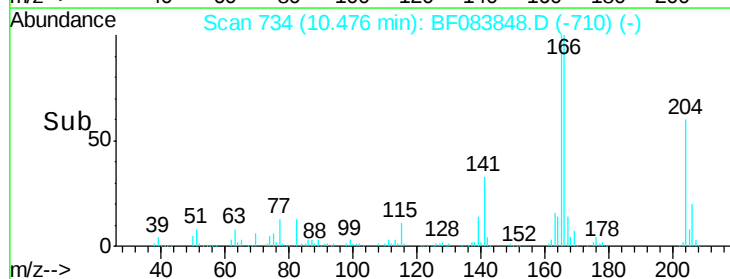
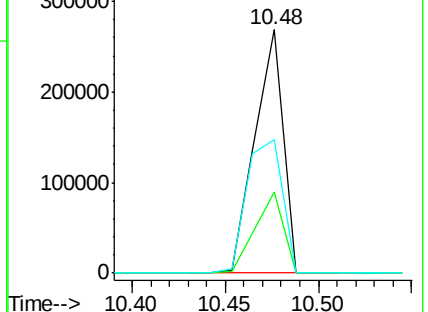
141 55.1 51.9 77.9

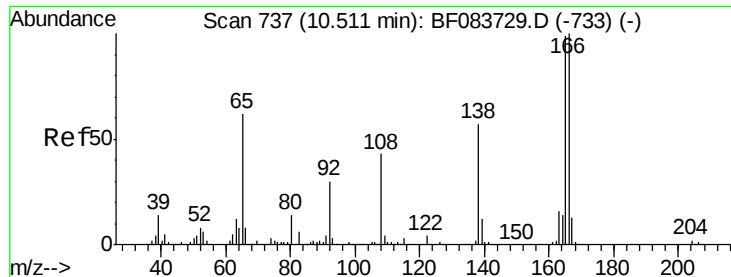


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 49.12 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMSD

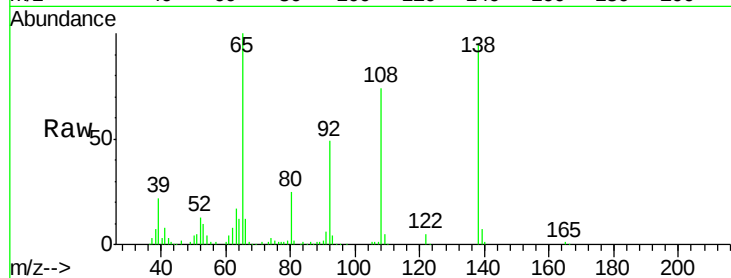
Tgt Ion:138 Resp: 151477

Ion Ratio Lower Upper

138 100

92 51.7 29.0 69.0

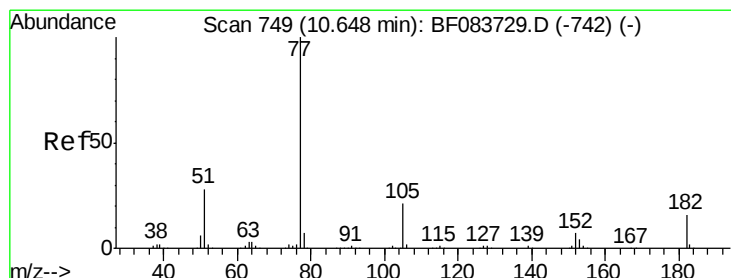
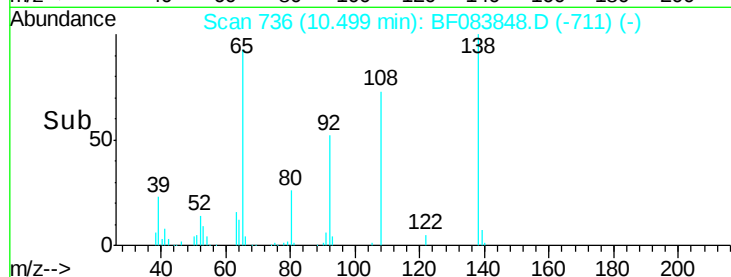
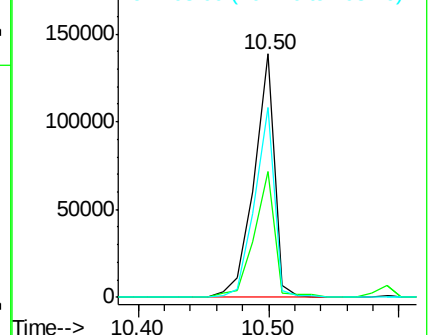
108 78.2 47.4 87.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 51.14 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

Tgt Ion: 77 Resp: 674802

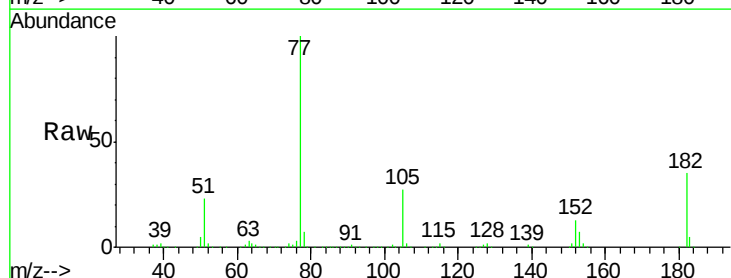
Ion Ratio Lower Upper

77 100

182 34.9 2.5 42.5

105 27.2 2.1 42.1

51 23.3 9.3 49.3

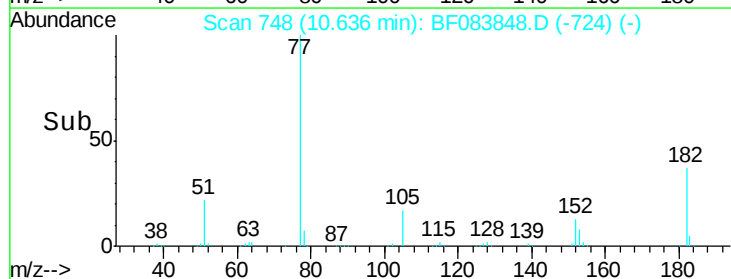
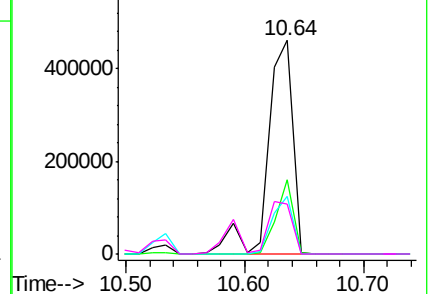


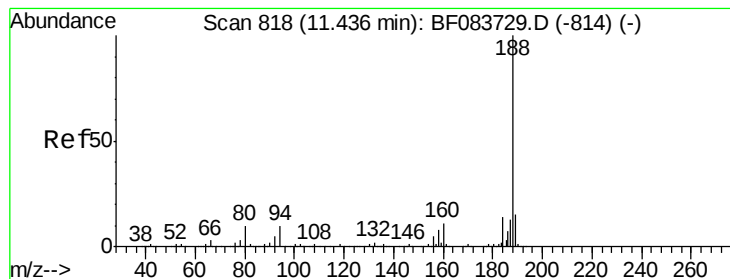
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMSD

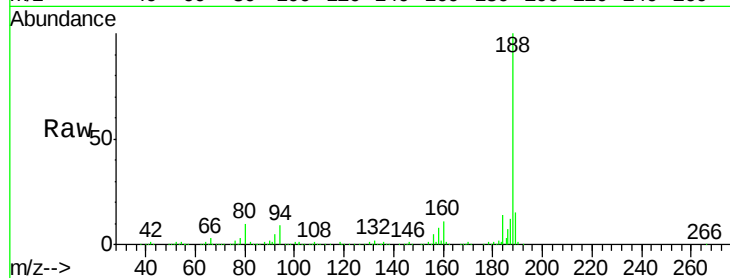
Tgt Ion:188 Resp: 345367

Ion Ratio Lower Upper

188 100

94 9.5 9.4 14.2

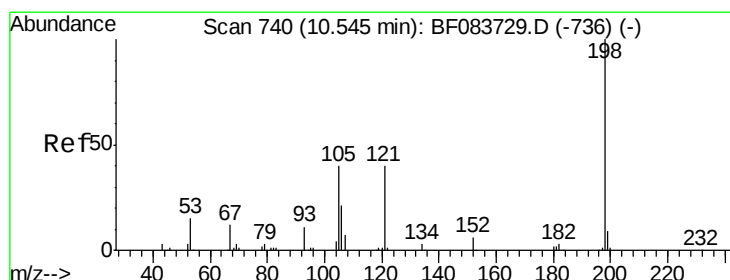
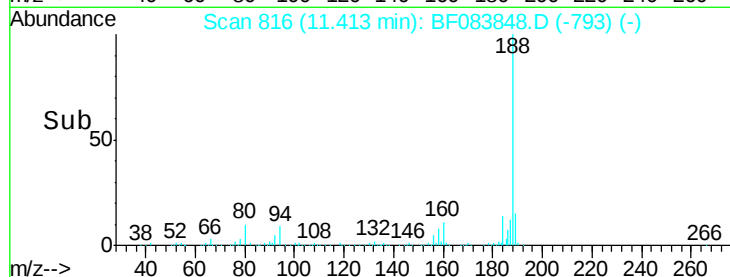
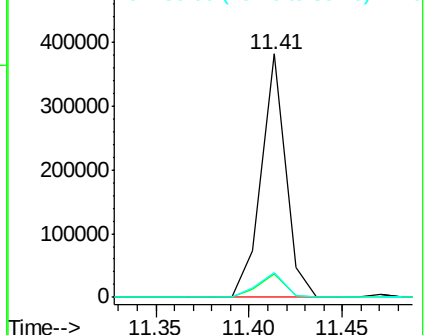
80 10.2 10.6 16.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 54.58 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

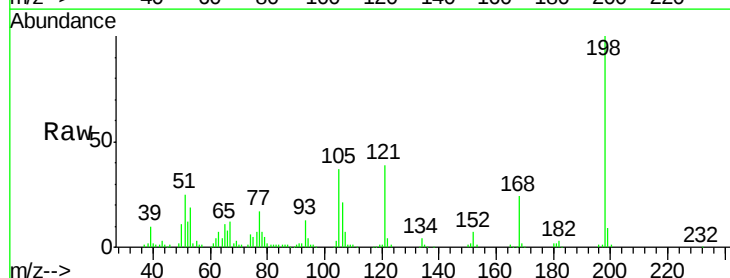
Tgt Ion:198 Resp: 107258

Ion Ratio Lower Upper

198 100

51 25.4 53.8 93.8#

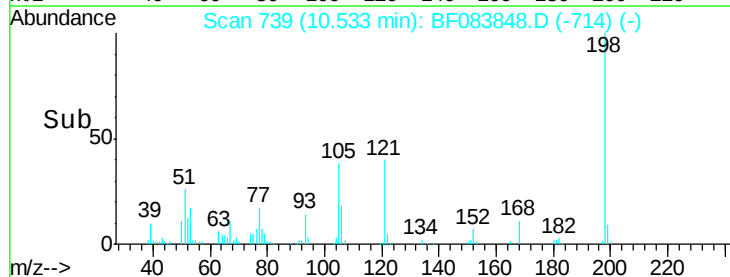
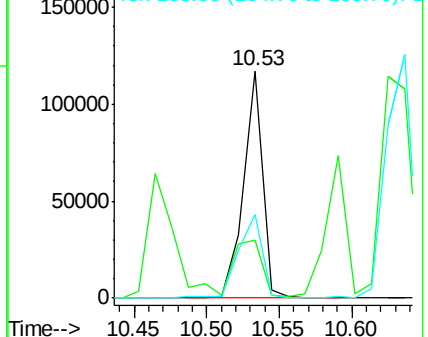
105 36.9 38.6 78.6#

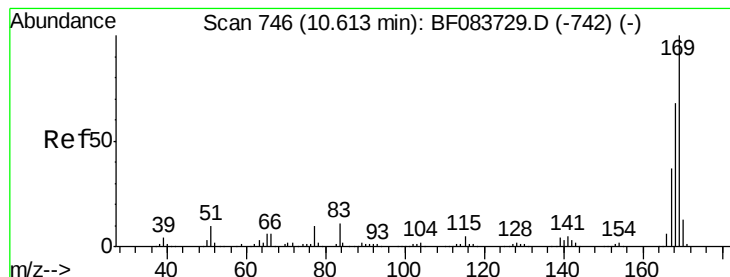


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

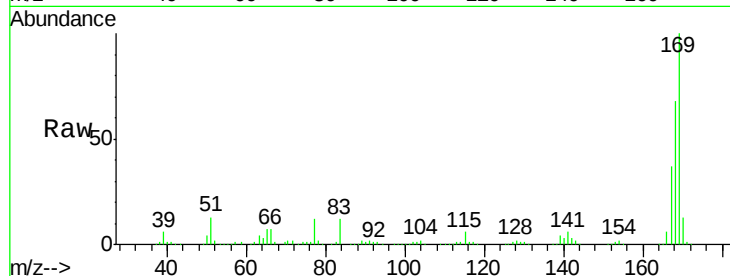




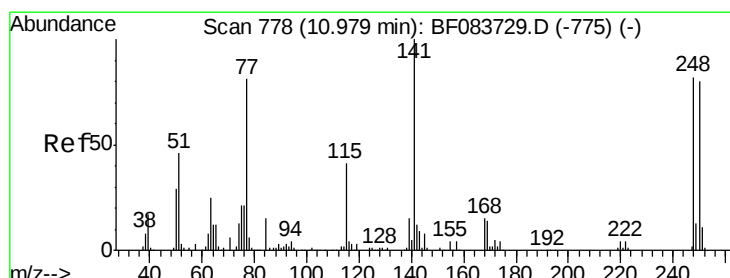
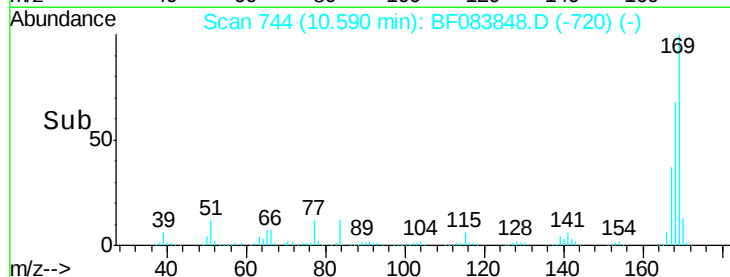
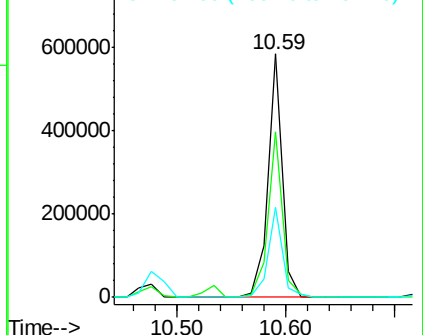
#65
 n-Nitrosodiphenylamine
 Concen: 45.67 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMSD

Tgt Ion:169 Resp: 539492
 Ion Ratio Lower Upper
 169 100
 168 67.9 53.0 79.6
 167 37.2 29.3 43.9

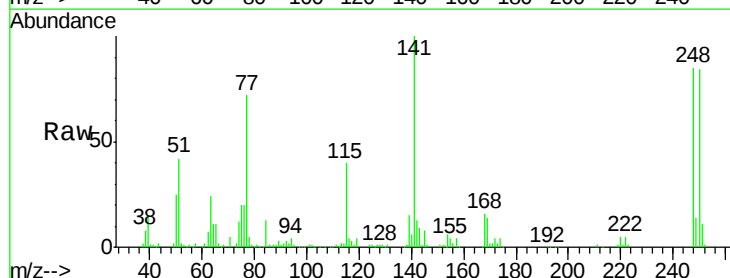


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

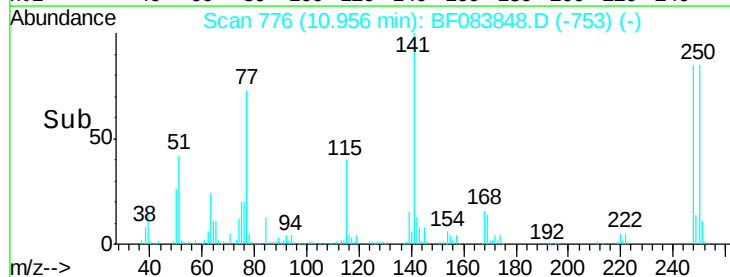
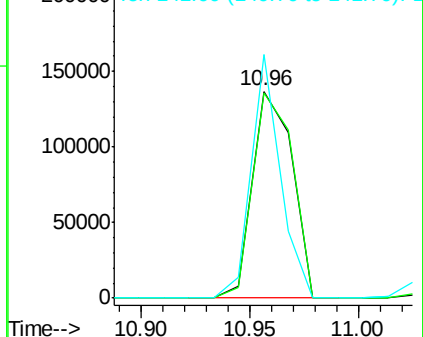


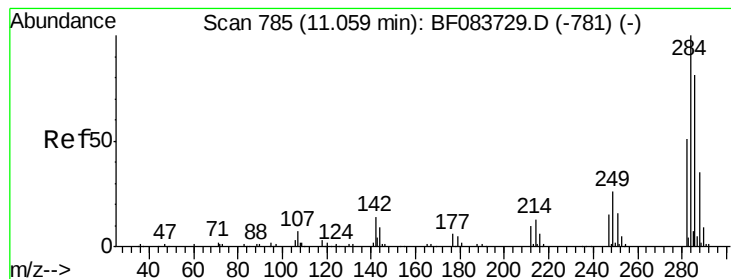
#66
 4-Bromophenyl-phenylether
 Concen: 45.34 ng
 RT: 10.96 min Scan# 776
 Delta R.T. -0.03 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Tgt Ion:248 Resp: 175082
 Ion Ratio Lower Upper
 248 100
 250 99.0 79.2 118.8
 141 117.6 58.2 87.4#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 49.70 ng

RT: 11.04 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMSD

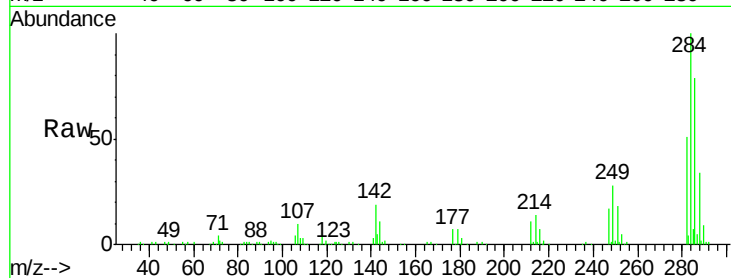
Tgt Ion:284 Resp: 207675

Ion Ratio Lower Upper

284 100

142 18.9 31.0 46.4#

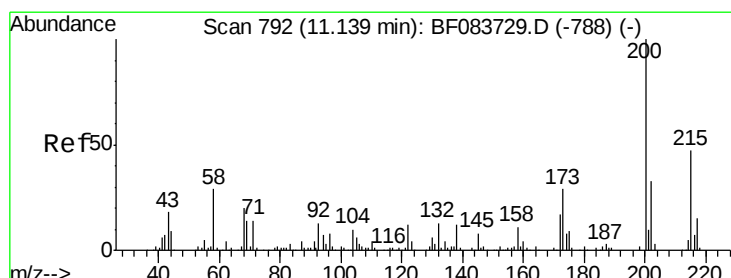
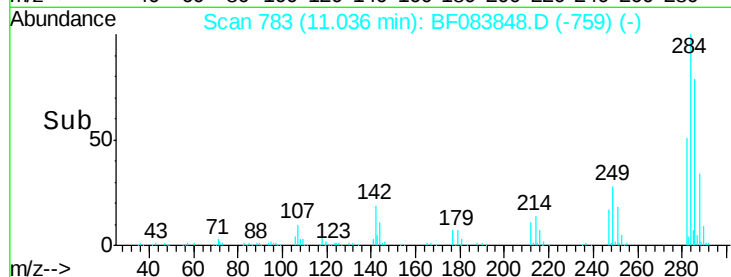
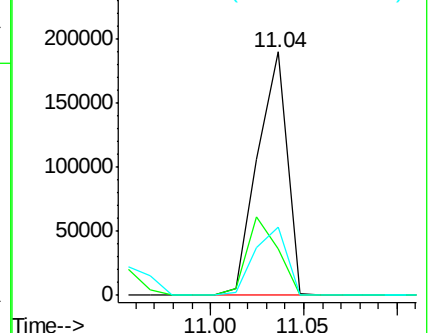
249 27.9 26.9 40.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.58 ng

RT: 11.12 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

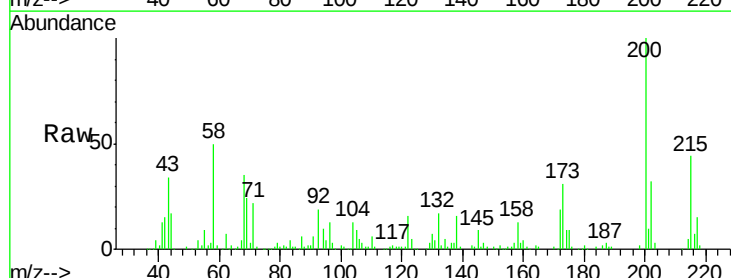
Tgt Ion:200 Resp: 159915

Ion Ratio Lower Upper

200 100

173 31.2 7.8 47.8

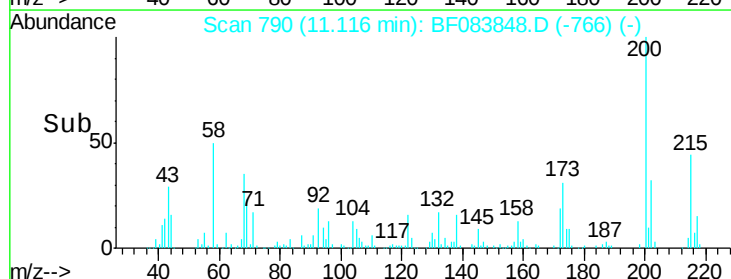
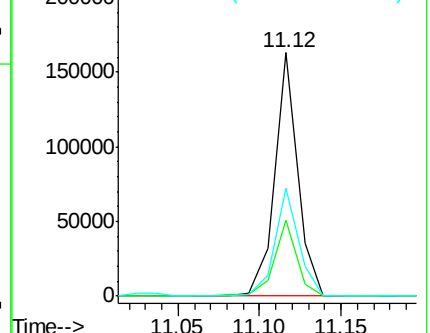
215 44.2 25.7 65.7

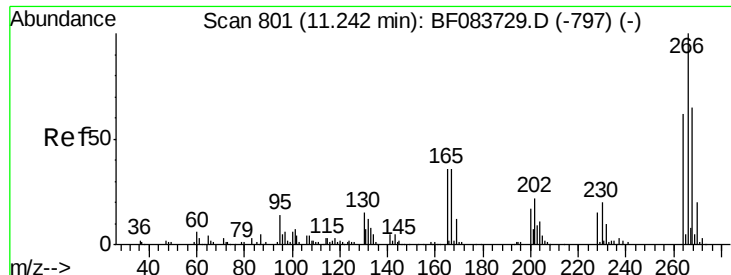


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

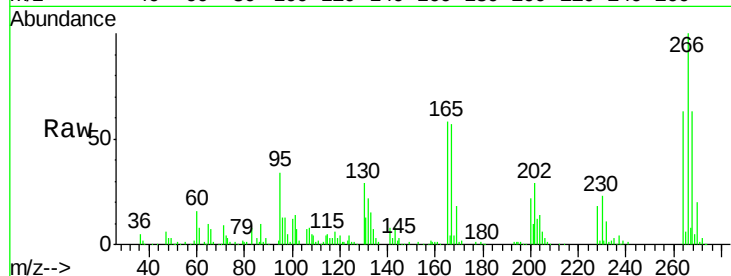




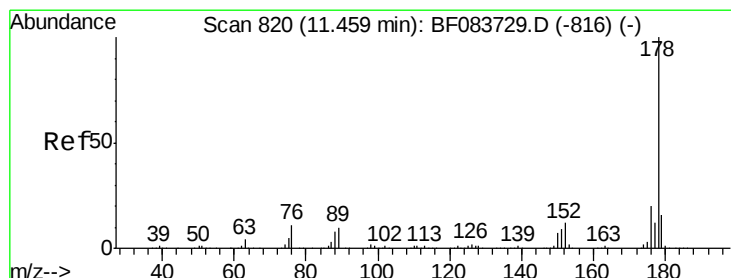
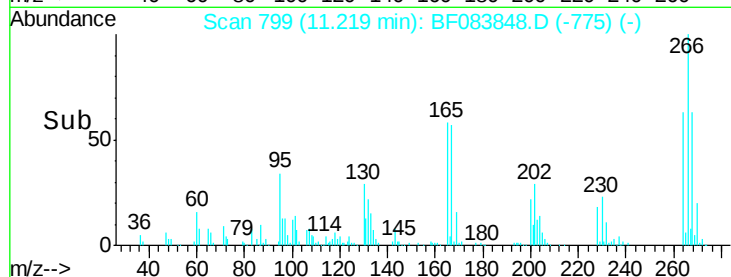
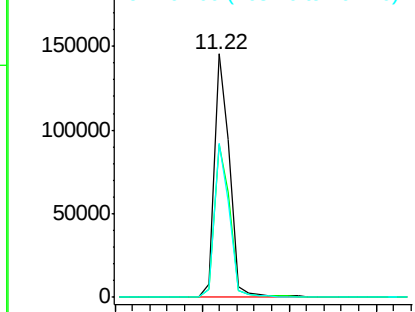
#69
 Pentachlorophenol
 Concen: 76.95 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMSD

Tgt Ion:266 Resp: 181351
 Ion Ratio Lower Upper
 266 100
 268 63.0 50.2 75.2
 264 63.4 51.4 77.2

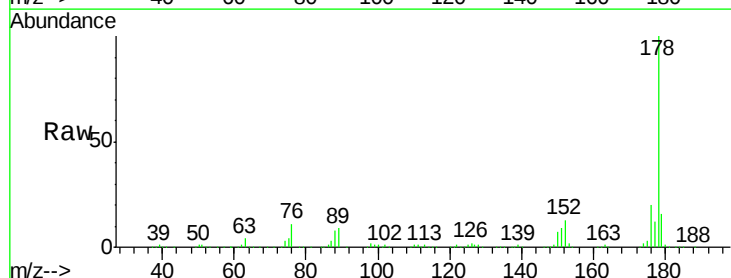


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

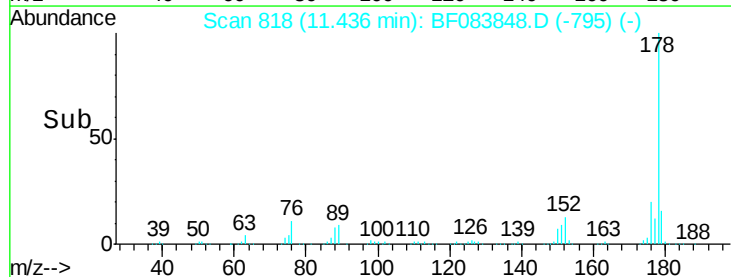
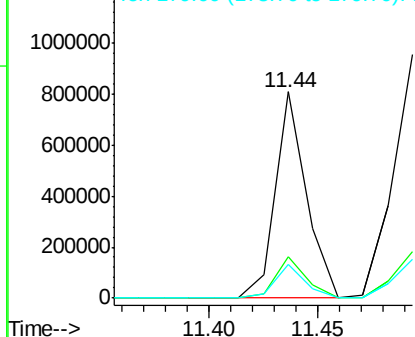


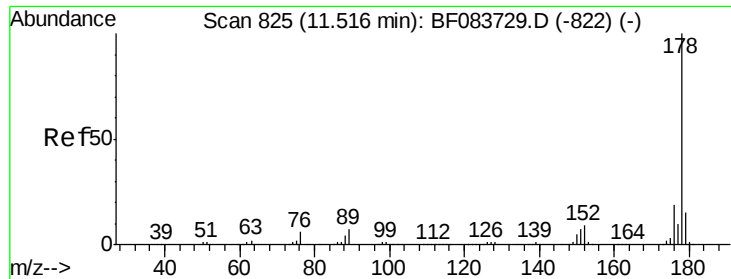
#70
 Phenanthrene
 Concen: 43.99 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.03 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Tgt Ion:178 Resp: 807014
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.7 23.5
 179 16.4 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

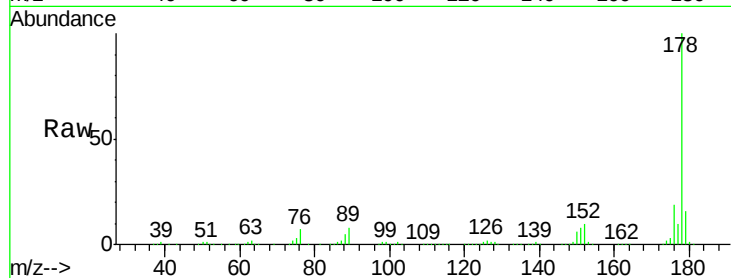




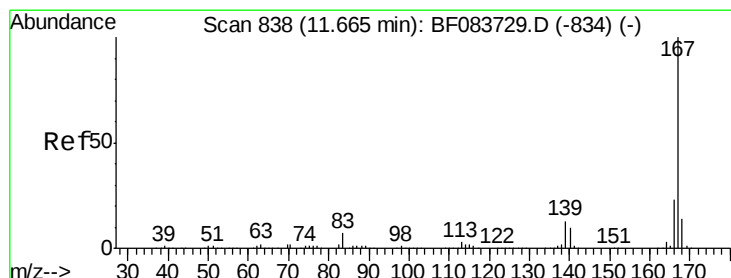
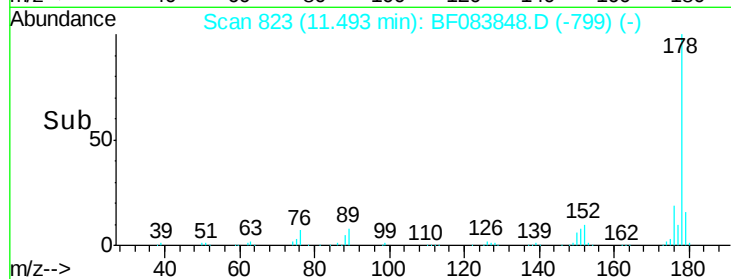
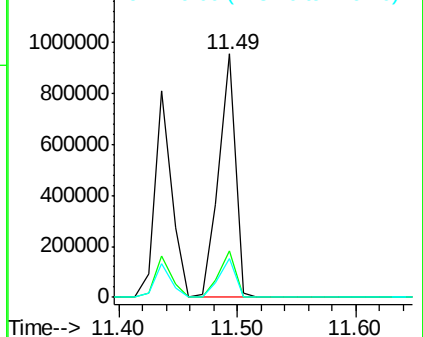
#71
 Anthracene
 Concen: 48.70 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMSD

Tgt Ion:178 Resp: 928058
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.2 22.8
 179 15.9 12.6 18.8

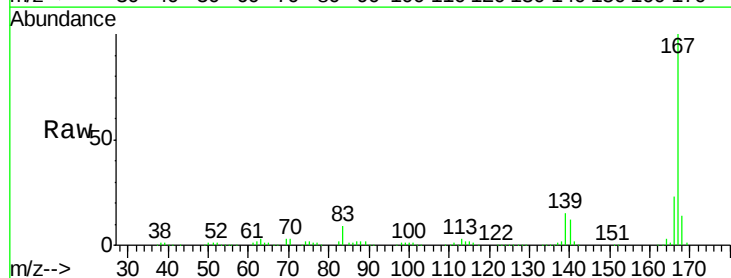


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

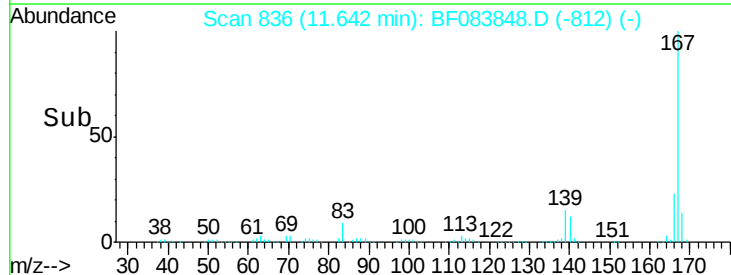
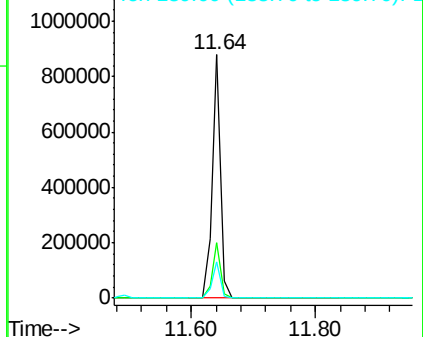


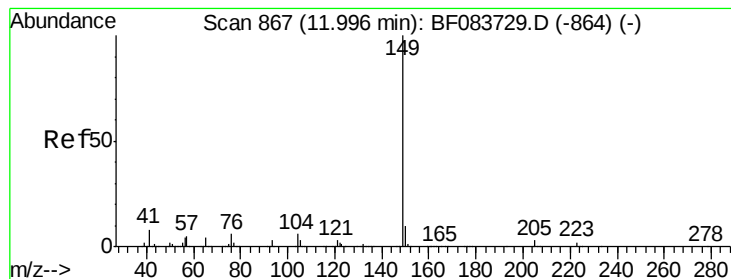
#72
 Carbazole
 Concen: 45.17 ng
 RT: 11.64 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Tgt Ion:167 Resp: 801973
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.2 25.8
 139 14.7 9.3 13.9#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.10 ng

RT: 11.97 min Scan# 865

Delta R.T. -0.03 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMSD

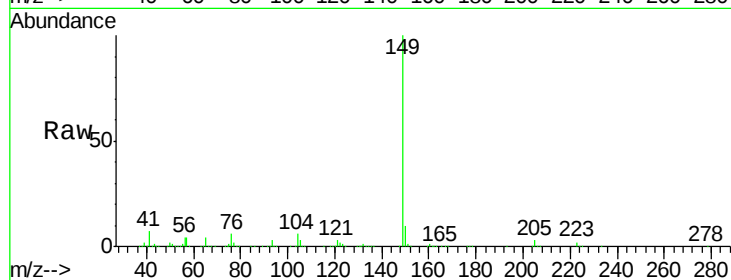
Tgt Ion:149 Resp: 972304

Ion Ratio Lower Upper

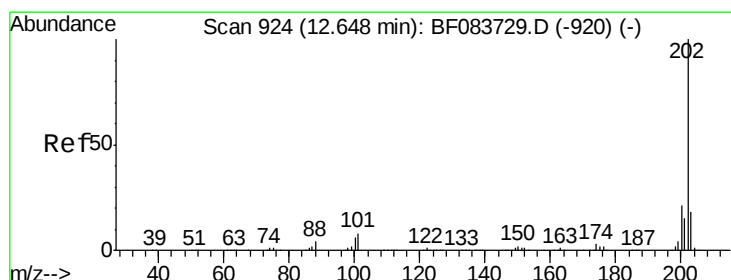
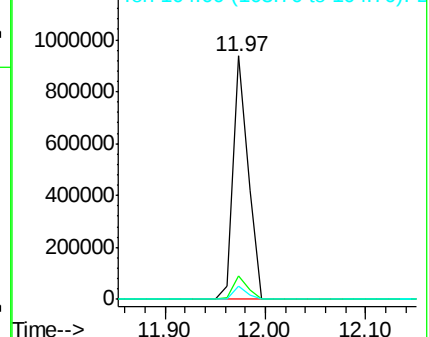
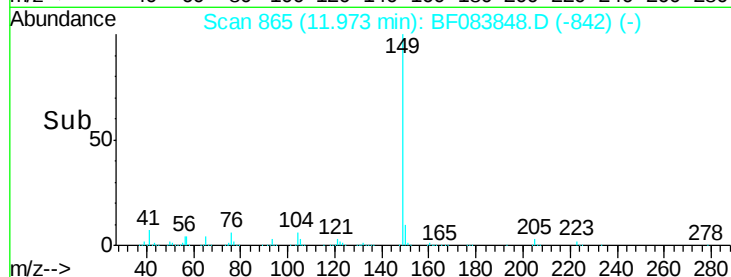
149 100

150 9.8 7.8 11.6

104 5.6 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.45 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

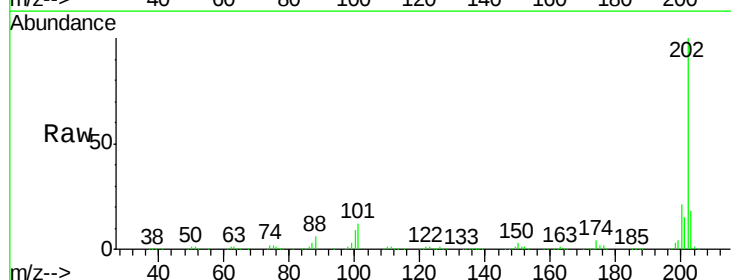
Tgt Ion:202 Resp: 880602

Ion Ratio Lower Upper

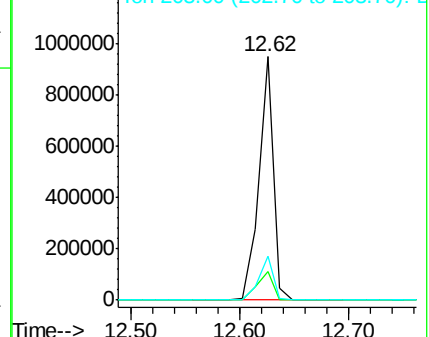
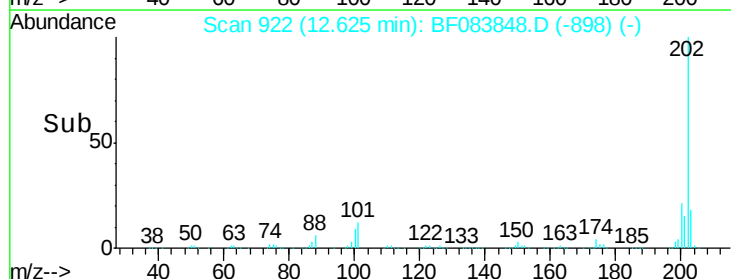
202 100

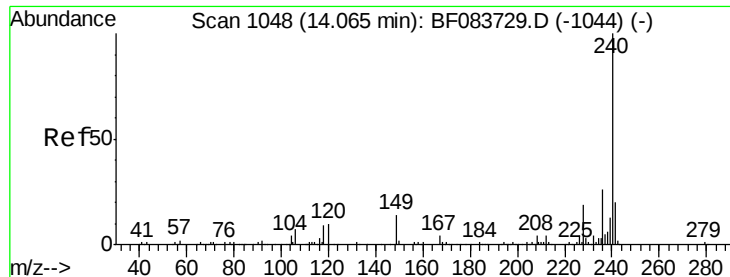
101 11.9 0.0 31.5

203 18.1 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMSD

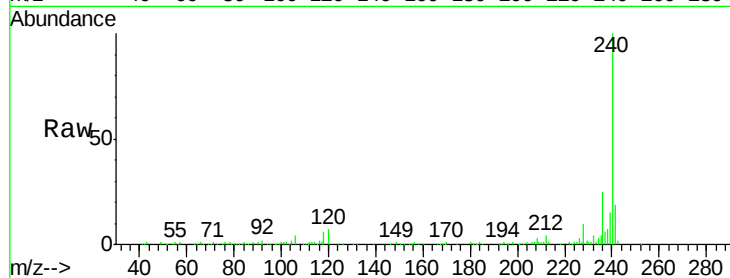
Tgt Ion:240 Resp: 221817

Ion Ratio Lower Upper

240 100

120 6.7 8.1 12.1#

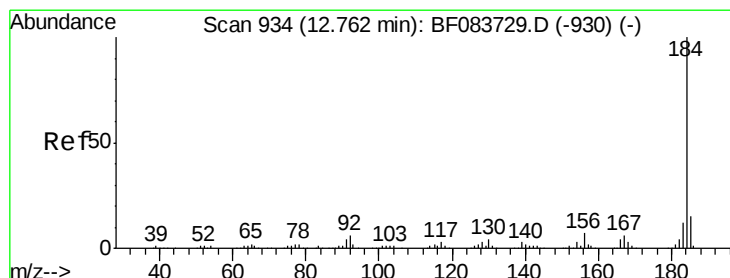
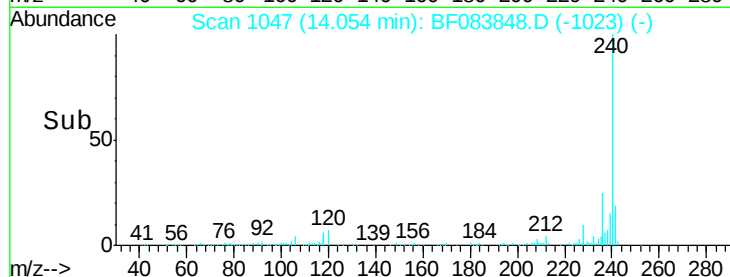
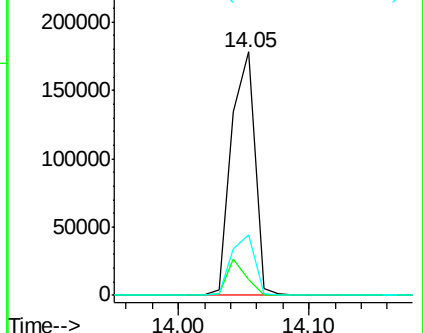
236 24.8 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.16 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

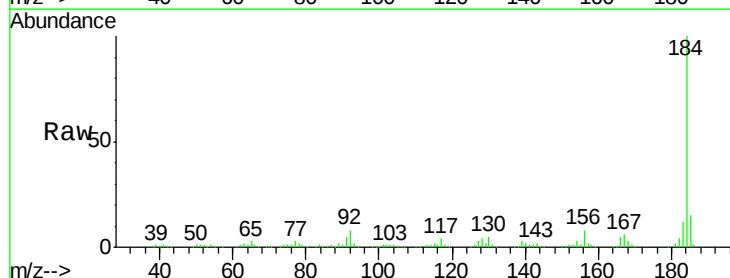
Tgt Ion:184 Resp: 291734

Ion Ratio Lower Upper

184 100

185 14.9 13.0 19.6

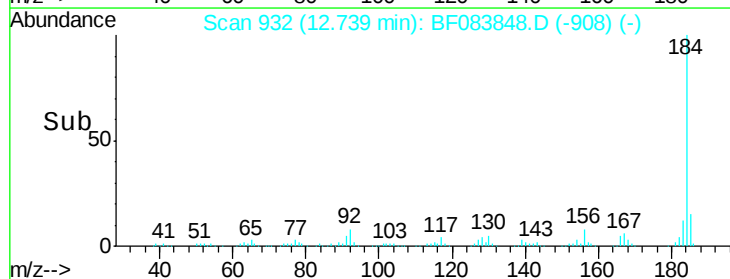
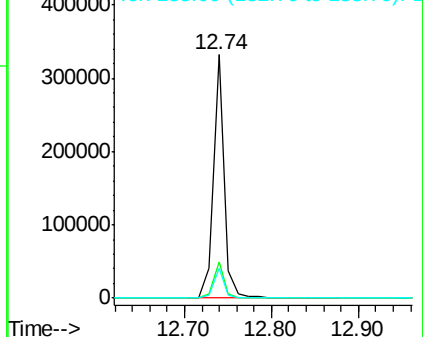
183 12.4 9.0 13.4

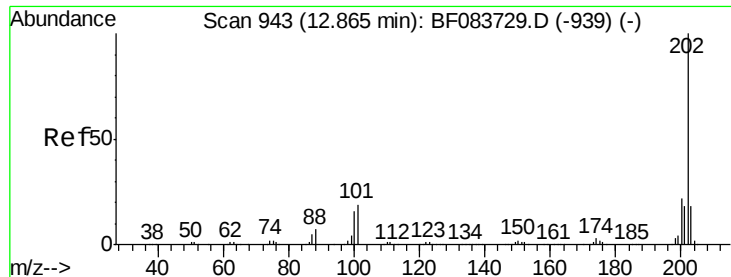


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 51.55 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMSD

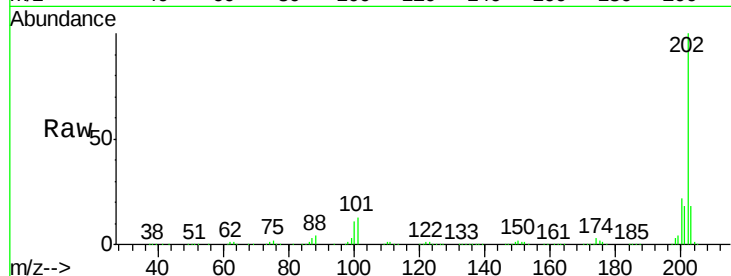
Tgt Ion:202 Resp: 903804

Ion Ratio Lower Upper

202 100

200 21.9 16.7 25.1

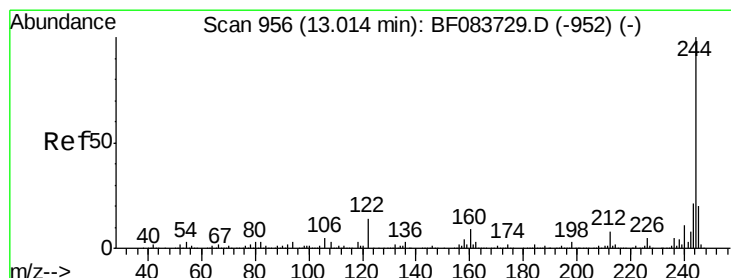
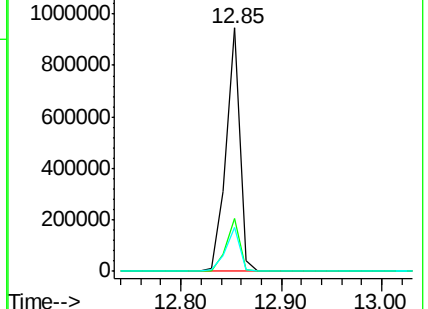
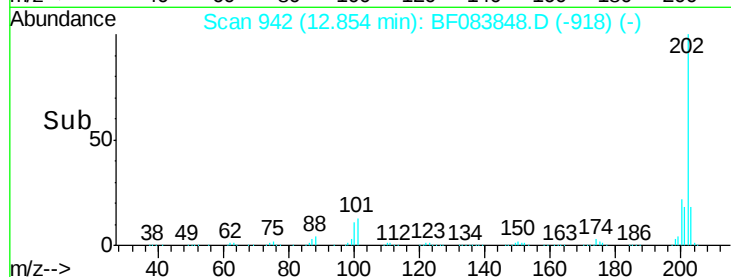
203 18.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 101.61 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

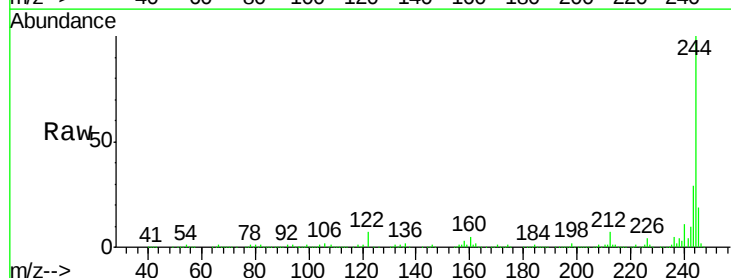
Tgt Ion:244 Resp: 1047812

Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

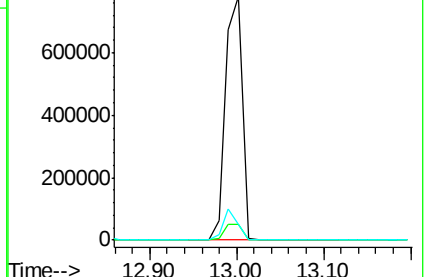
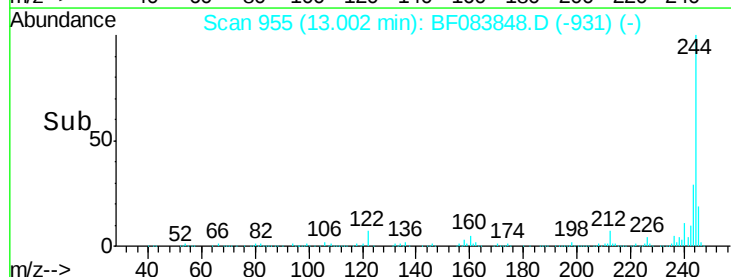
122 6.7 11.0 16.6#

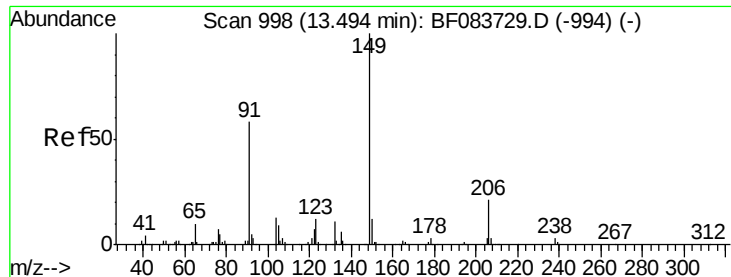


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

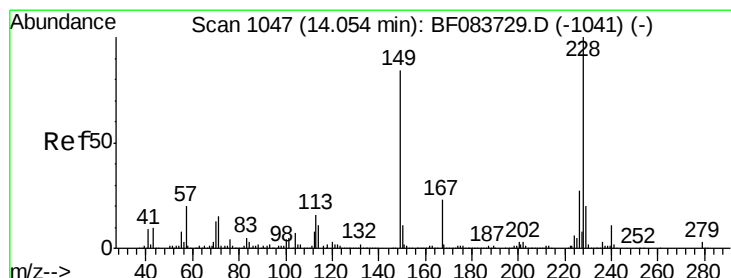
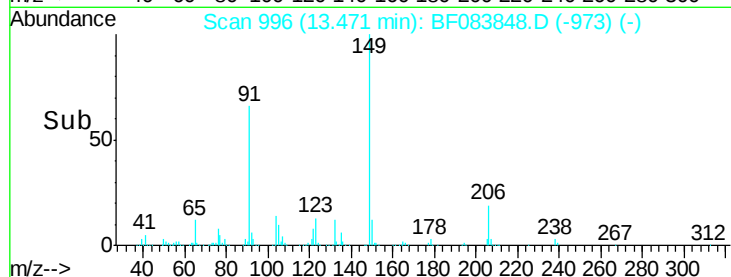
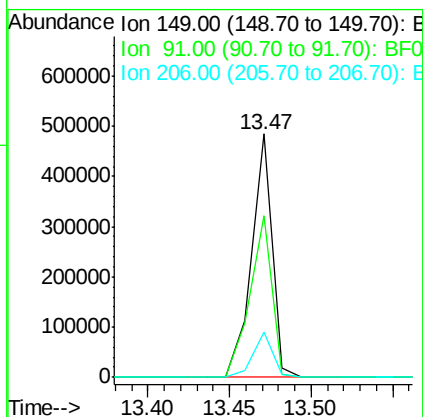
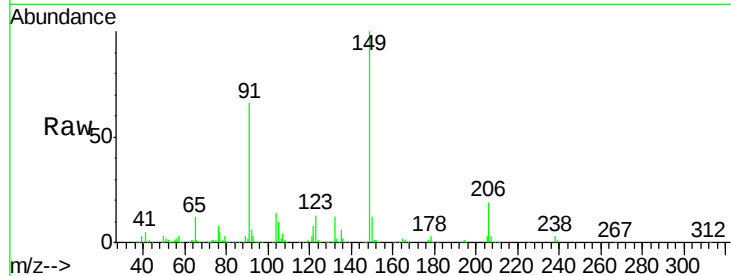




#79
Butylbenzylphthalate
Concen: 56.37 ng
RT: 13.47 min Scan# 996
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

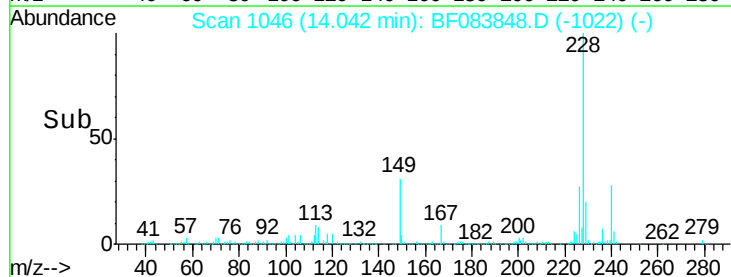
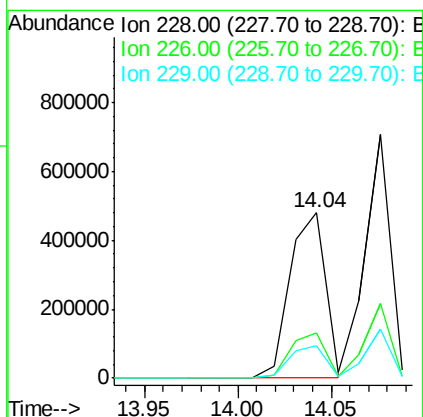
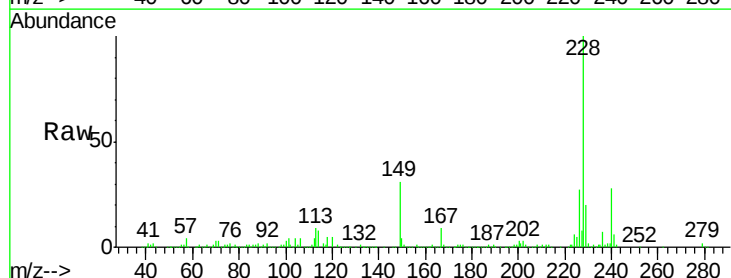
Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

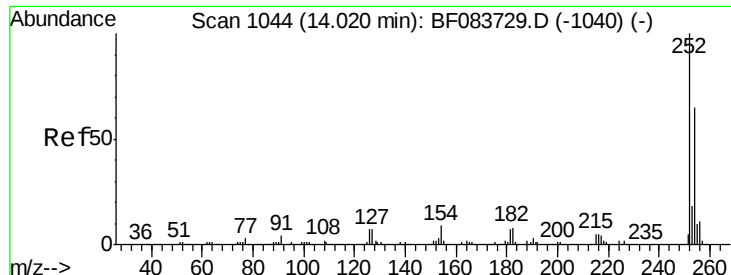
Tgt Ion:149 Resp: 424188
Ion Ratio Lower Upper
149 100
91 66.4 60.0 90.0
206 18.7 16.2 24.4



#80
Benzo(a)anthracene
Concen: 50.84 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:228 Resp: 641303
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 20.0 15.7 23.5

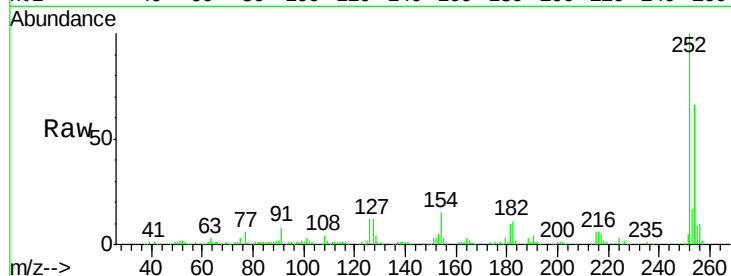




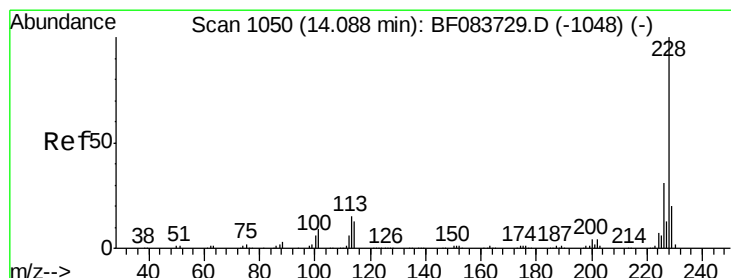
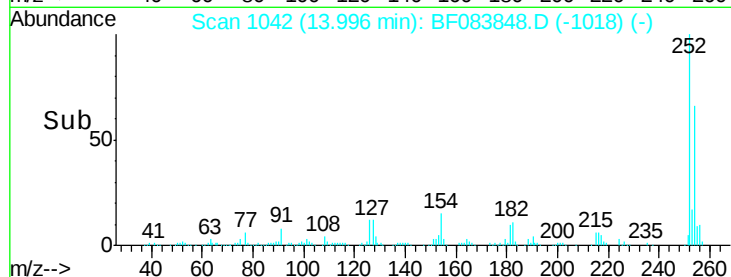
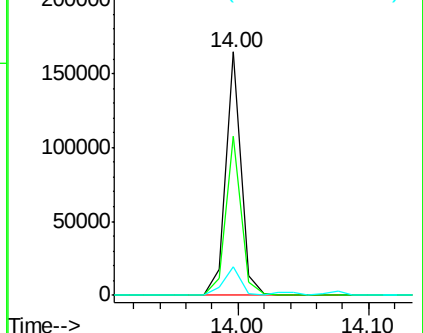
#81
 3,3'-Dichlorobenzidine
 Concen: 29.95 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMSD

Tgt Ion: 252 Resp: 136273
 Ion Ratio Lower Upper
 252 100
 254 65.6 50.6 76.0
 126 11.9 11.0 16.4

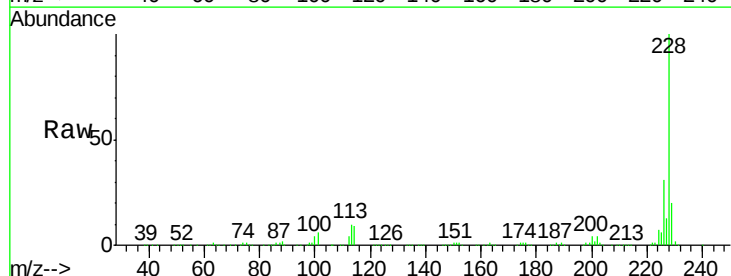


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

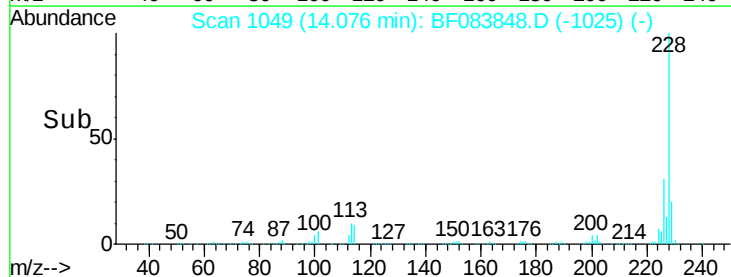
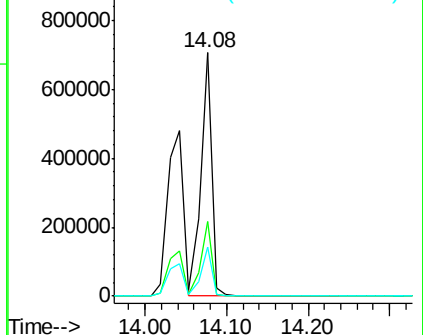


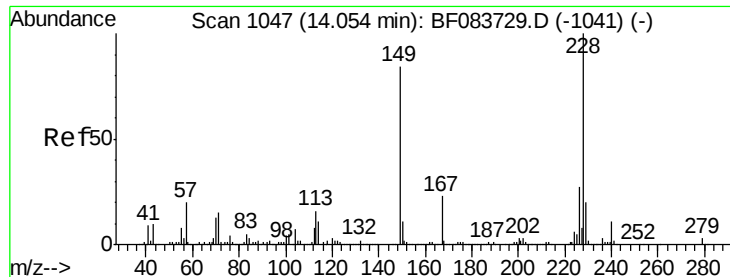
#82
 Chrysene
 Concen: 54.14 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Tgt Ion: 228 Resp: 666102
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.7 37.1
 229 20.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

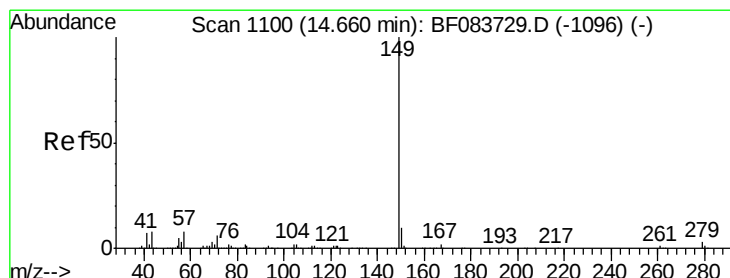
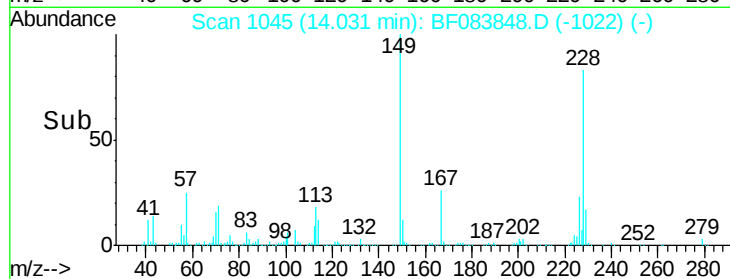
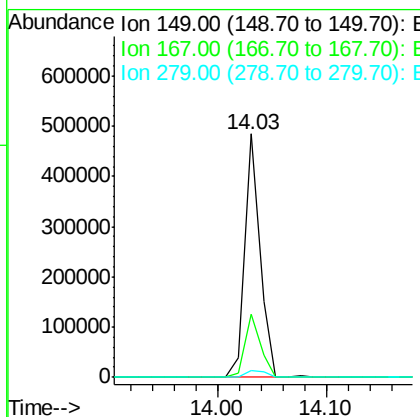
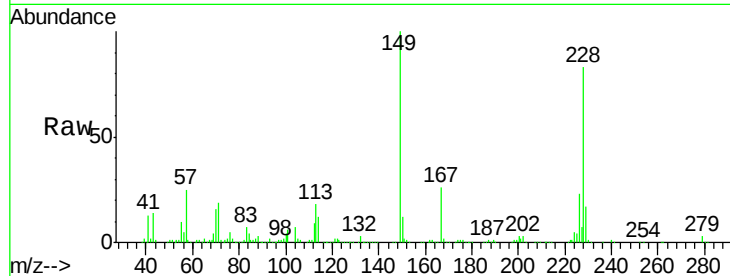




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.62 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.03 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

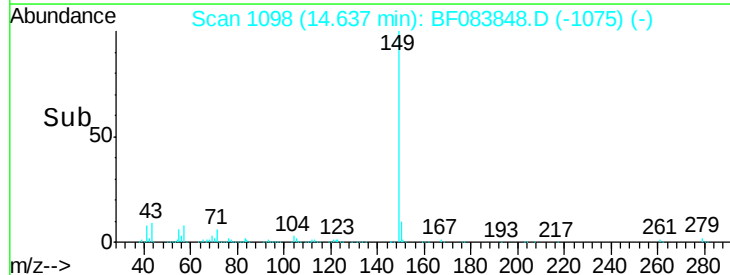
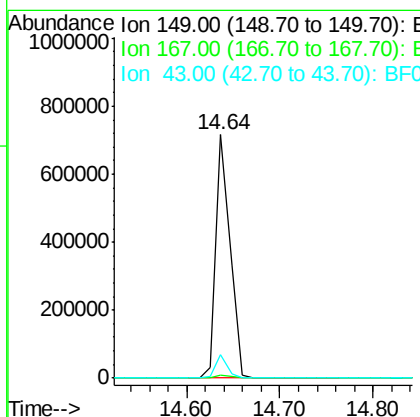
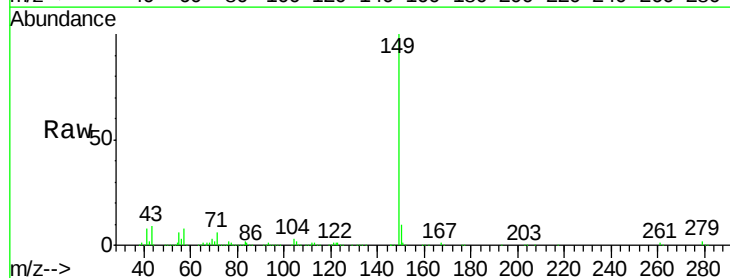
Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMSD

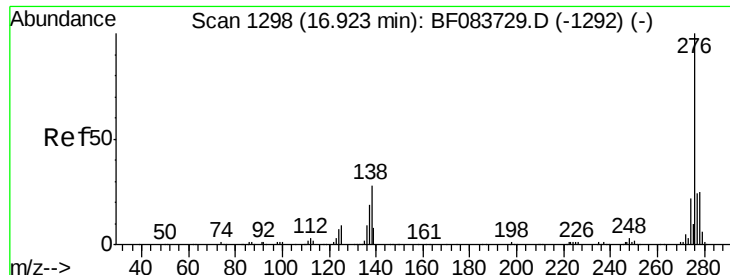
Tgt Ion:149 Resp: 467762
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.8 32.8
 279 2.6 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 55.25 ng
 RT: 14.64 min Scan# 1098
 Delta R.T. -0.03 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Tgt Ion:149 Resp: 751827
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 7.9 0.0 0.0#

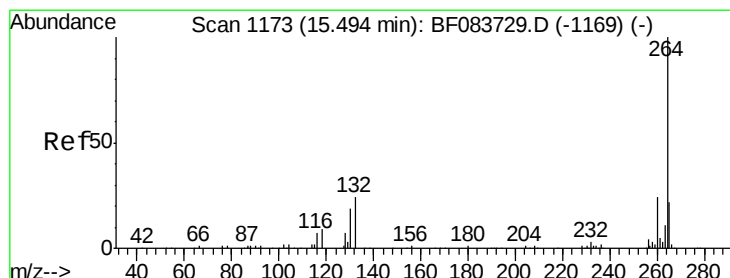
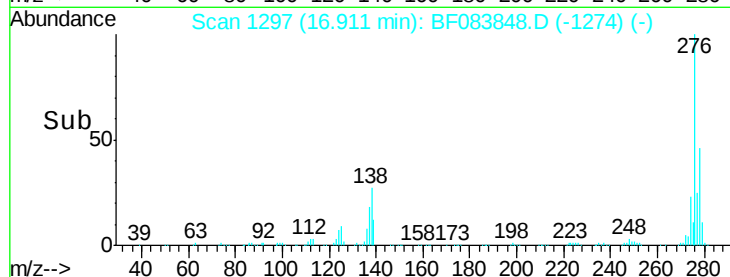
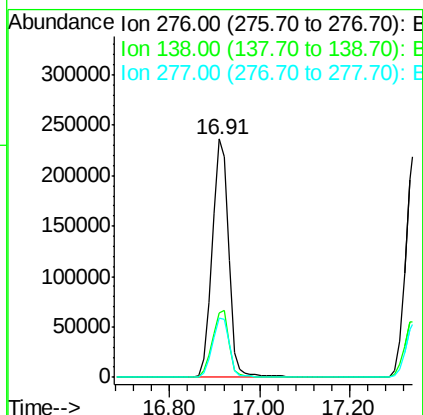
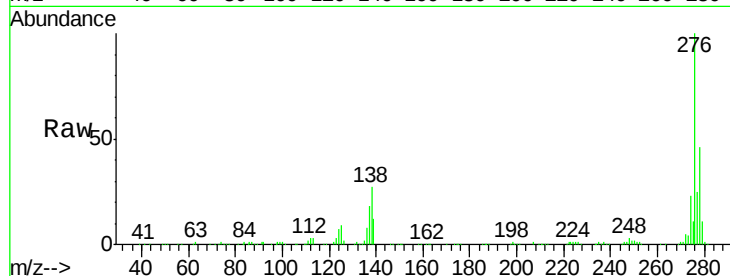




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.29 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. -0.03 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

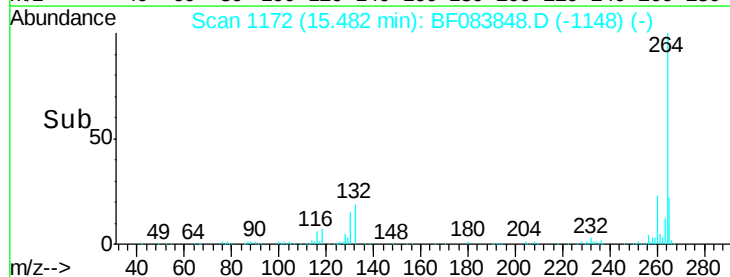
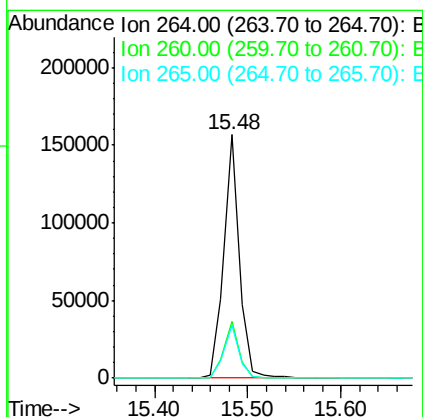
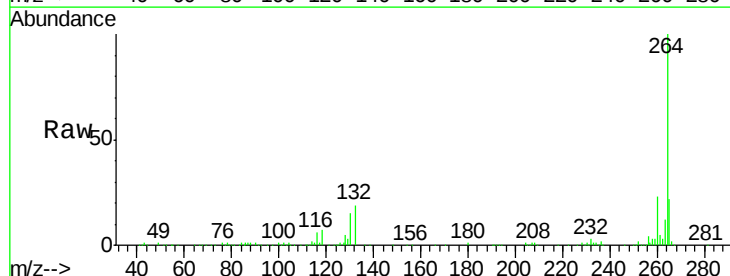
Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMSD

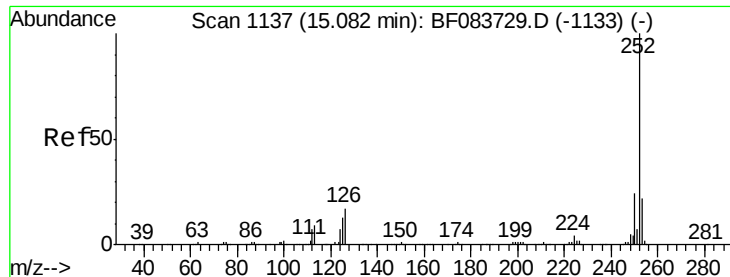
Tgt Ion: 276 Resp: 607635
 Ion Ratio Lower Upper
 276 100
 138 28.3 0.0 0.0#
 277 25.6 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083848.D
 Acq: 16 Dec 2015 15:13

Tgt Ion: 264 Resp: 181544
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.0
 265 21.5 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 47.58 ng

RT: 15.07 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMSD

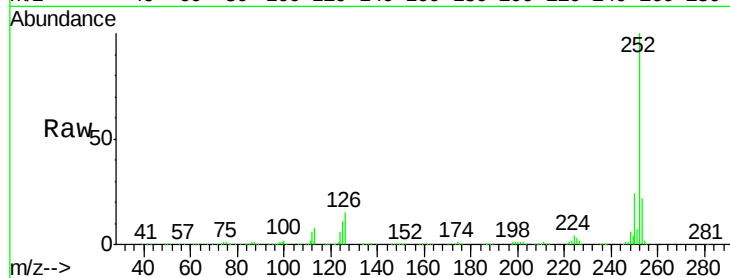
Tgt Ion:252 Resp: 551089

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.4

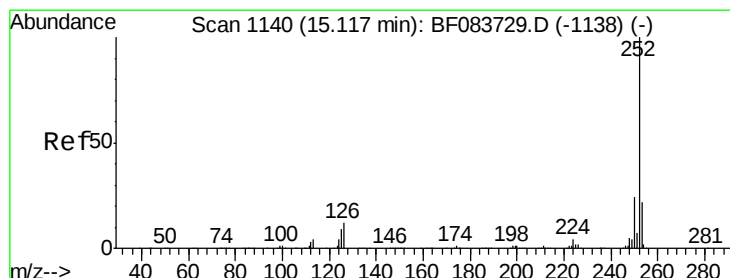
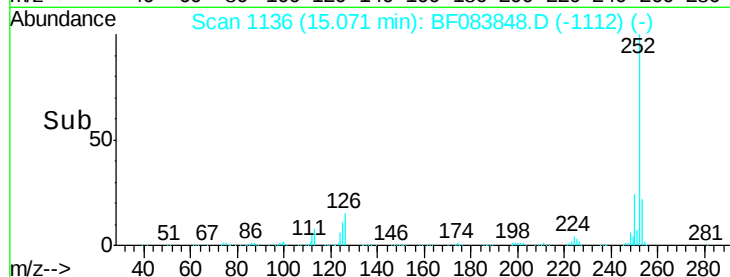
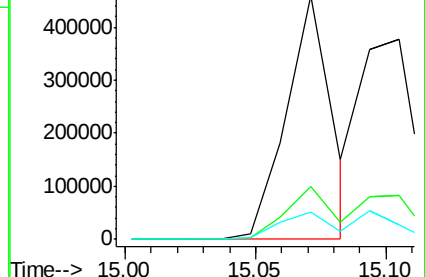
125 11.3 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 52.51 ng

RT: 15.07 min Scan# 1136

Delta R.T. -0.06 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

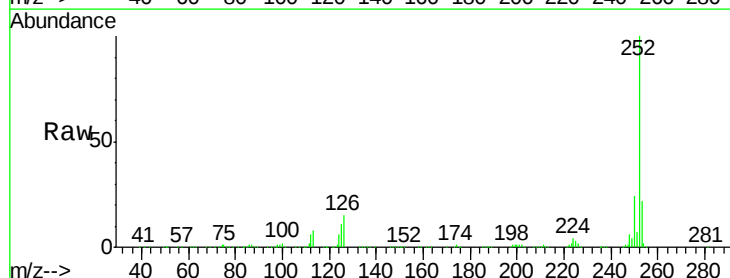
Tgt Ion:252 Resp: 551089

Ion Ratio Lower Upper

252 100

253 22.0 18.6 27.8

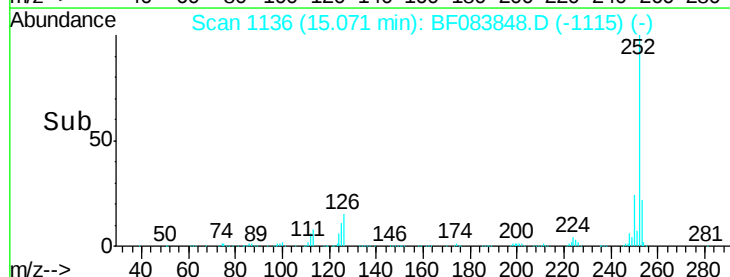
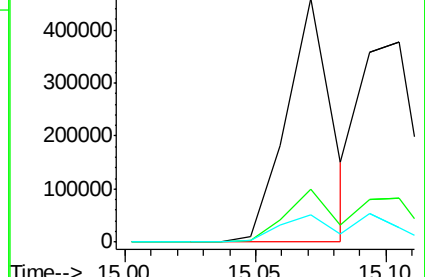
125 11.3 11.5 17.3#

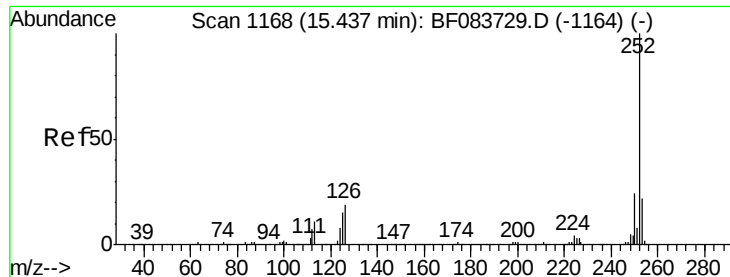


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 49.32 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMSD

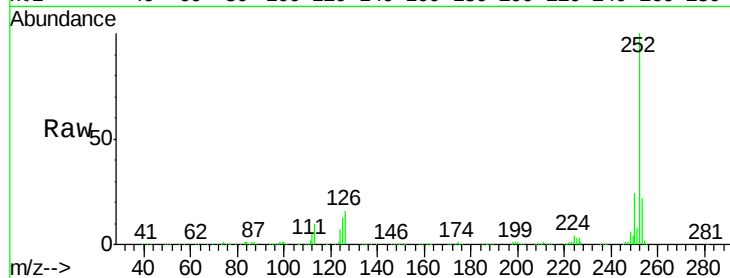
Tgt Ion:252 Resp: 509737

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

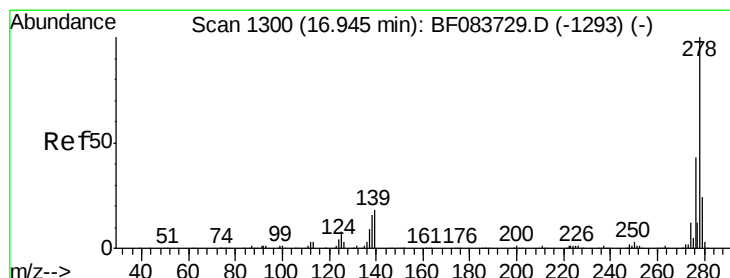
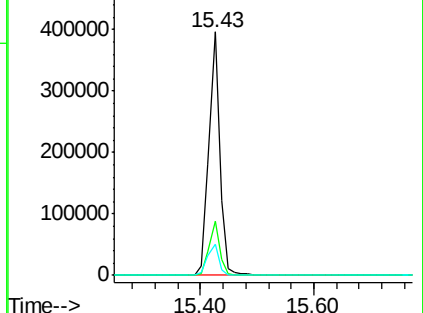
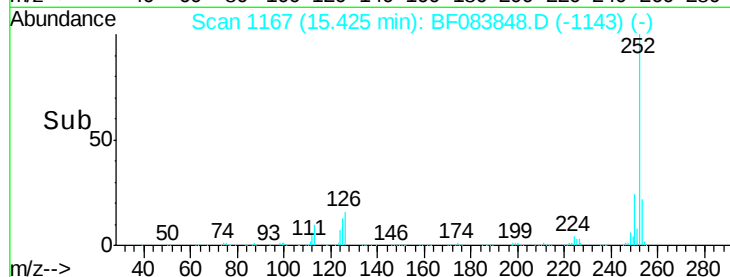
125 12.8 11.0 16.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.84 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.03 min

Lab File: BF083848.D

Acq: 16 Dec 2015 15:13

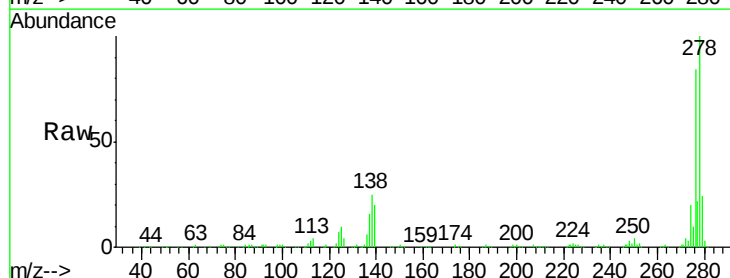
Tgt Ion:278 Resp: 501886

Ion Ratio Lower Upper

278 100

139 19.8 12.8 19.2#

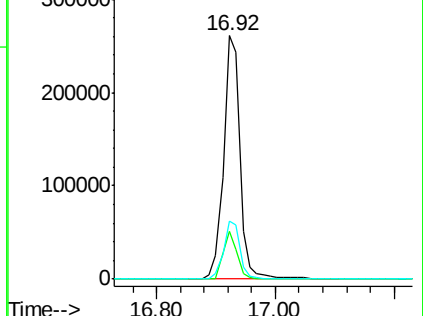
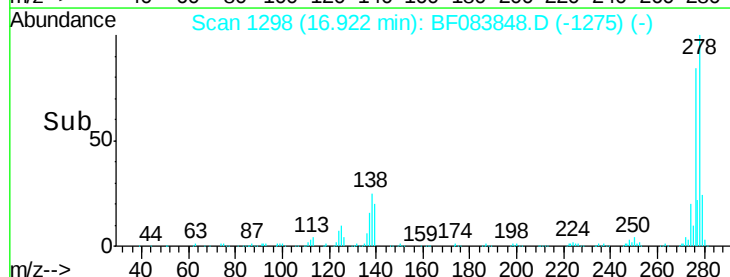
279 23.9 18.6 28.0

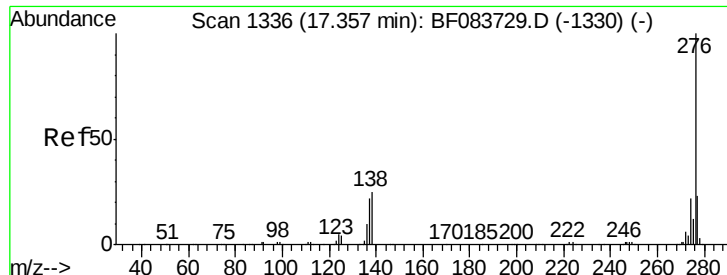


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 49.23 ng

RT: 17.35 min Scan# 1335

Delta R.T. -0.03 min

Lab File: BF083848.D

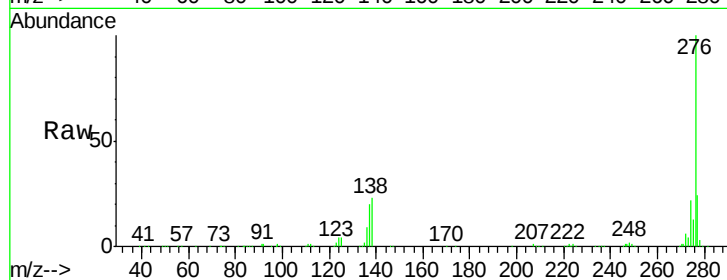
Acq: 16 Dec 2015 15:13

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMSD



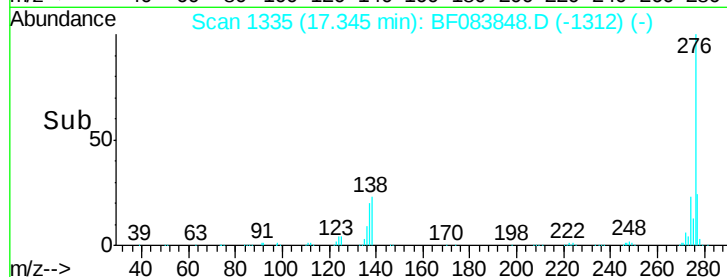
Tgt Ion: 276 Resp: 520023

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 22.9 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

