

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121515\
 Data File : BF083805.D
 Acq On : 15 Dec 2015 8:42
 Operator : UM/IZ
 Sample : PB87256BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

Quant Time: Dec 15 10:37:01 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	99730	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	406248	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	195860	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	385486	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	308010	20.00	ng	-0.02
86) Perylene-d12	15.49	264	255988	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	511149	82.68	ng	-0.02
7) Phenol-d6	6.53	99	665916	85.06	ng	-0.01
23) Nitrobenzene-d5	7.46	82	600173	82.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	189678	95.04	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1085388	79.65	ng	-0.02
78) Terphenyl-d14	13.00	244	1129978	78.91	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.57	88	90586	30.30	ng	# 81
3) Pyridine	3.29	79	290209	38.59	ng	# 85
4) n-Nitrosodimethylamine	3.24	42	114415	40.21	ng	# 60
6) Aniline	6.56	93	301744	28.37	ng	# 87
8) 2-Chlorophenol	6.68	128	308130	42.42	ng	# 90
9) Benzaldehyde	6.44	77	115006	27.35	ng	# 87
10) Phenol	6.54	94	377124	41.85	ng	# 78
11) bis(2-Chloroethyl)ether	6.64	93	300930	46.12	ng	# 88
12) 1,3-Dichlorobenzene	6.84	146	323521	41.96	ng	# 98
13) 1,4-Dichlorobenzene	6.92	146	333000	42.74	ng	# 95
14) 1,2-Dichlorobenzene	7.07	146	289670	41.38	ng	# 98
15) Benzyl Alcohol	7.04	79	272607	47.40	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	321158	37.90	ng	# 72
17) 2-Methylphenol	7.16	107	268049	45.89	ng	# 82
18) Hexachloroethane	7.41	117	114006	41.21	ng	# 79
19) n-Nitroso-di-n-propylamine	7.32	70	208237	43.44	ng	# 79
20) 3+4-Methylphenols	7.31	107	299160	43.39	ng	# 64
22) Acetophenone	7.31	105	381643	38.29	ng	# 96
24) Nitrobenzene	7.48	77	313655	41.50	ng	# 85
25) Isophorone	7.72	82	564796	39.65	ng	# 96
26) 2-Nitrophenol	7.80	139	173147	47.69	ng	# 78
27) 2,4-Dimethylphenol	7.84	122	291327	40.84	ng	# 99
28) bis(2-Chloroethoxy)methane	7.94	93	366090	45.03	ng	# 96
29) 2,4-Dichlorophenol	8.04	162	268059	45.77	ng	# 98
30) 1,2,4-Trichlorobenzene	8.13	180	252787	41.62	ng	# 97
31) Naphthalene	8.21	128	887642	41.92	ng	# 99
32) Benzoic acid	7.96	122	198665	44.68	ng	# 90
33) 4-Chloroaniline	8.25	127	149329	17.26	ng	# 91
34) Hexachlorobutadiene	8.33	225	136174	40.86	ng	# 99
35) Caprolactam	8.62	113	70333	37.40	ng	# 50
36) 4-Chloro-3-methylphenol	8.74	107	302404	44.14	ng	# 93
37) 2-Methylnaphthalene	8.90	142	581810	43.76	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	255896	44.29	ng	# 100
40) Hexachlorocyclopentadiene	9.06	237	266721	91.10	ng	# 99

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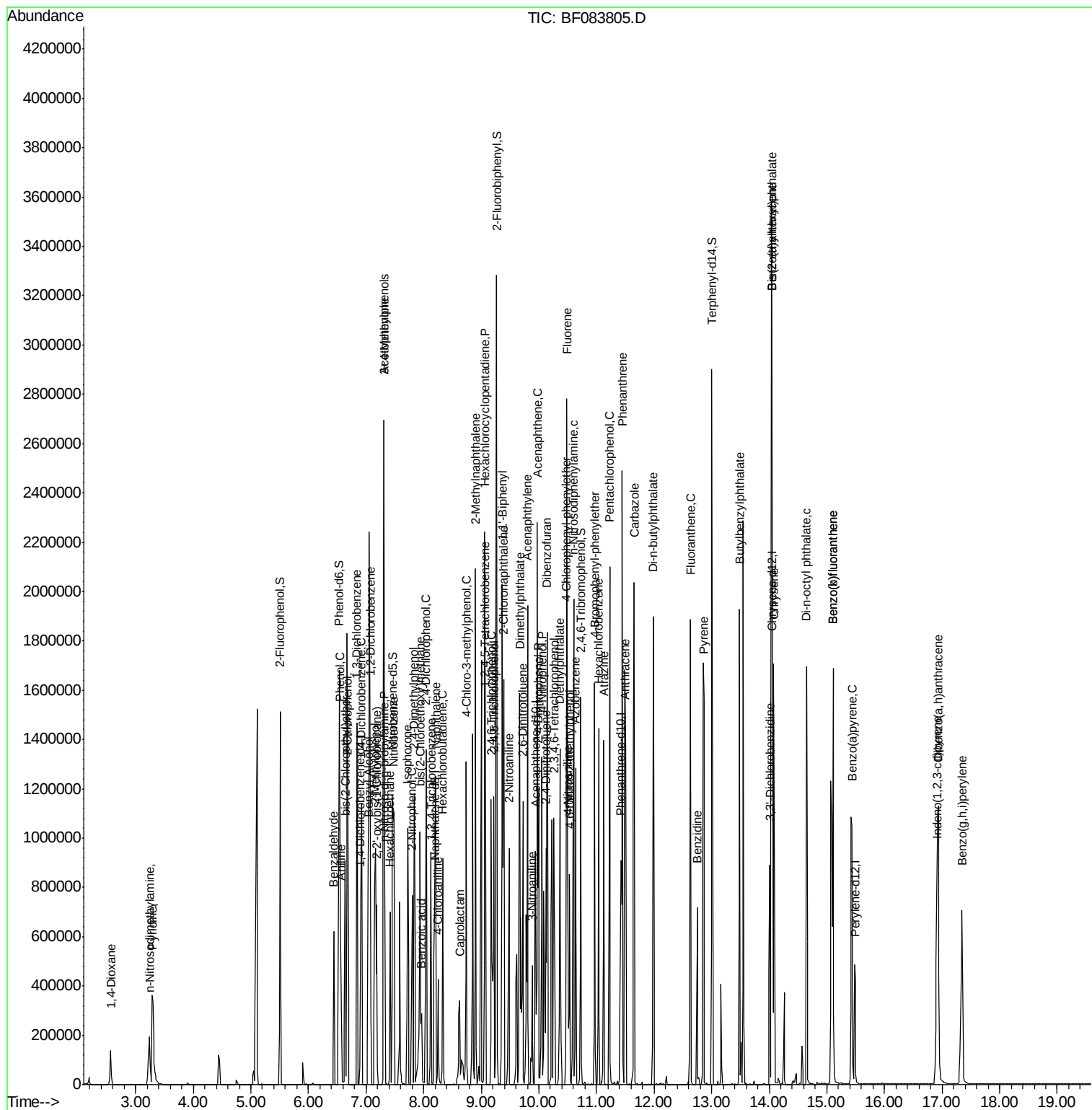
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42) 2,4,6-Trichlorophenol	9.17	196	187810	44.41	nq	99
43) 2,4,5-Trichlorophenol	9.22	196	197777	49.30	nq	97
45) 1,1'-Biphenyl	9.37	154	751042	43.27	nq	95
46) 2-Chloronaphthalene	9.39	162	578648	45.16	nq	96
47) 2-Nitroaniline	9.48	65	190344	52.38	nq	# 56
48) Acenaphthylene	9.80	152	865602	40.15	nq	99
49) Dimethylphthalate	9.66	163	664837	43.54	nq	100
50) 2,6-Dinitrotoluene	9.72	165	153464	47.35	nq	# 83
51) Acenaphthene	9.97	154	617295	47.37	nq	99
52) 3-Nitroaniline	9.88	138	93003	24.89	nq	86
53) 2,4-Dinitrophenol	10.00	184	171681	91.59	nq	# 81
54) Dibenzofuran	10.14	168	754732	43.71	nq	# 90
55) 4-Nitrophenol	10.05	139	262838	95.00	nq	85
56) 2,4-Dinitrotoluene	10.12	165	197798	46.72	nq	# 85
57) Fluorene	10.49	166	571355	42.02	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	154908	51.48	nq	# 100
59) Diethylphthalate	10.36	149	671267	43.42	nq	99
60) 4-Chlorophenyl-phenylether	10.48	204	262493	42.33	nq	# 82
61) 4-Nitroaniline	10.50	138	152243	46.23	nq	89
62) Azobenzene	10.64	77	652606	46.31	nq	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	117962	53.78	nq	# 70
65) n-Nitrosodiphenylamine	10.60	169	608046	46.12	nq	98
66) 4-Bromophenyl-phenylether	10.97	248	176468	40.94	nq	# 87
67) Hexachlorobenzene	11.04	284	194633	41.73	nq	95
68) Atrazine	11.13	200	188319	50.20	nq	98
69) Pentachlorophenol	11.23	266	237579	90.32	nq	98
70) Phenanthrene	11.45	178	917605	44.81	nq	99
71) Anthracene	11.50	178	951196	44.72	nq	99
72) Carbazole	11.65	167	986153	49.76	nq	97
73) Di-n-butylphthalate	11.98	149	1010674	42.00	nq	99
74) Fluoranthene	12.64	202	1064709	50.32	nq	96
76) Benzidine	12.75	184	321075	34.21	nq	97
77) Pyrene	12.87	202	1047616	43.03	nq	99
79) Butylbenzylphthalate	13.48	149	487382	46.65	nq	90
80) Benzo(a)anthracene	14.04	228	799208	45.63	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	221553	35.07	nq	# 96
82) Chrysene	14.08	228	723258	42.34	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	524870	44.14	nq	98
84) Di-n-octyl phthalate	14.65	149	893634	47.29	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.91	276	735810	43.86	nq	# 100
87) Benzo(b)fluoranthene	15.11	252	1425723	87.30	nq	98
88) Benzo(k)fluoranthene	15.11	252	1425723	96.35	nq	97
89) Benzo(a)pyrene	15.44	252	692110	47.49	nq	# 95
90) Dibenzo(a,h)anthracene	16.93	278	598109	41.27	nq	97
91) Benzo(g,h,i)perylene	17.35	276	617258	41.44	nq	100

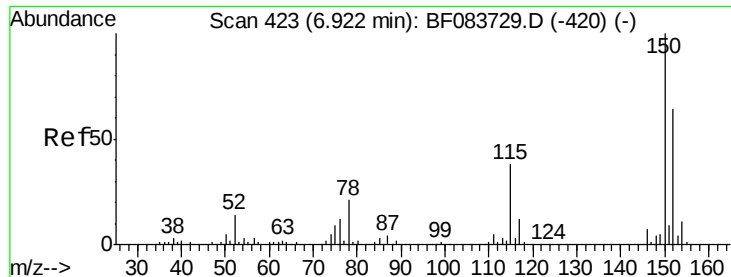
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : PB87256BS  
Misc      :  
ALS Vial  : 38    Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

ClientSampleId :

PB87256BS

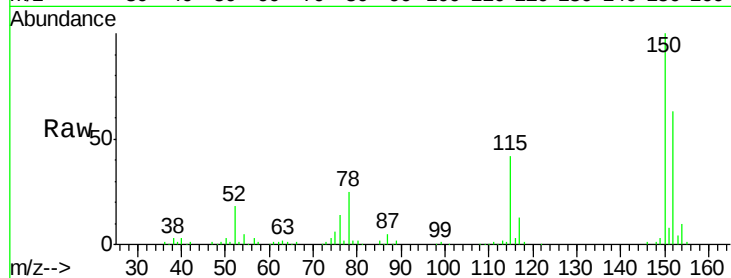
Tot Ion:152 Resp: 99730

Ion Ratio Lower Upper

152 100

150 159.8 126.5 189.7

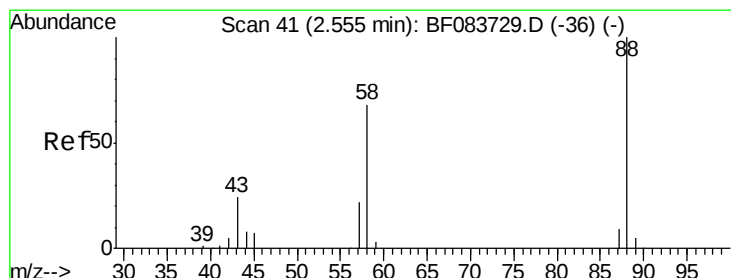
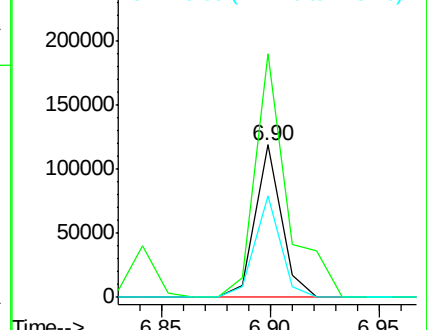
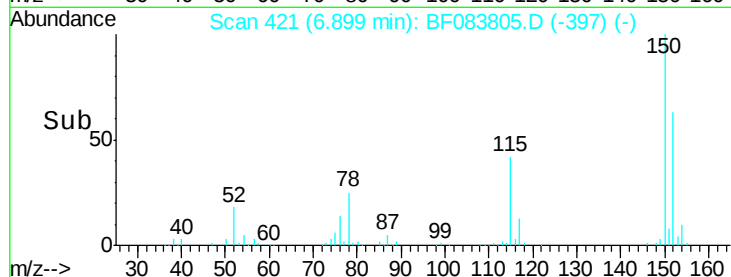
115 66.4 52.3 78.5



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: 30.30 ng

RT: 2.57 min Scan# 42

Delta R.T. 0.00 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

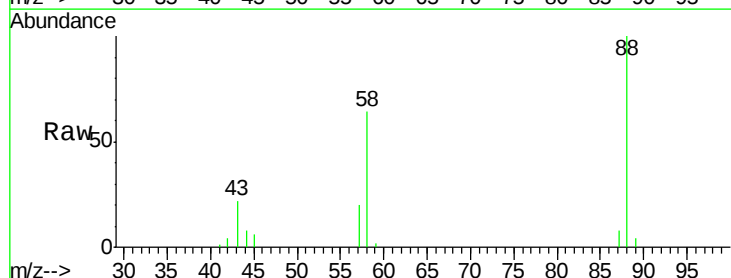
Tgt Ion: 88 Resp: 90586

Ion Ratio Lower Upper

88 100

58 67.7 68.0 102.0#

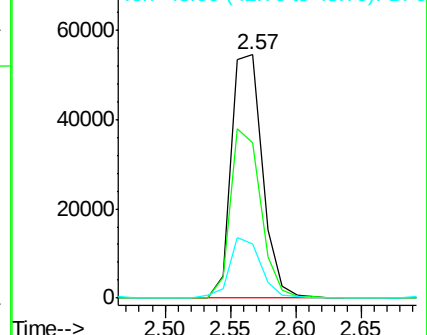
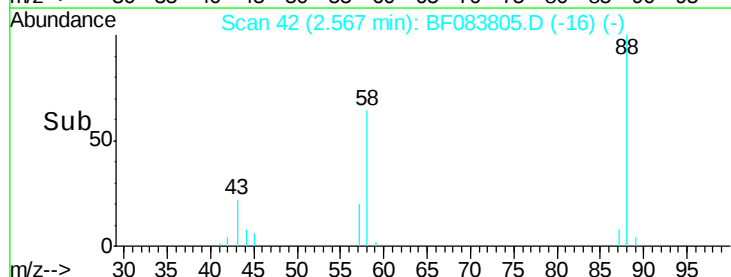
43 24.8 27.9 41.9#

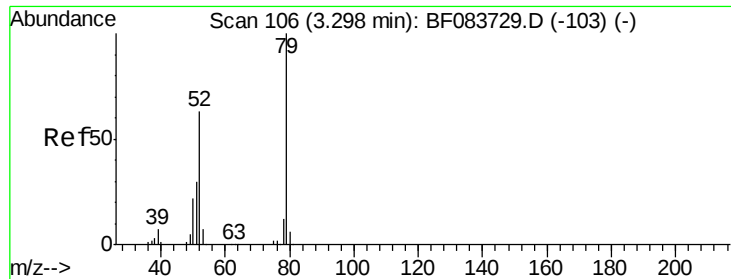


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.59 ng

RT: 3.29 min Scan# 105

Delta R.T. -0.01 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

ClientSampleId :

PB87256BS

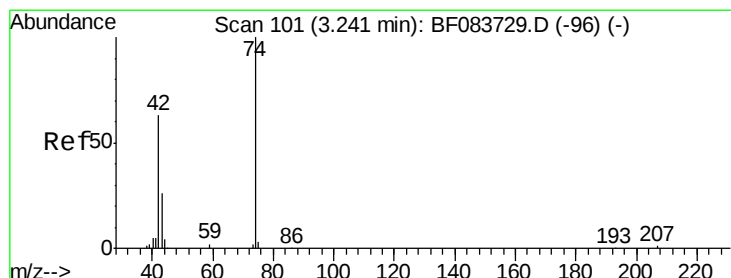
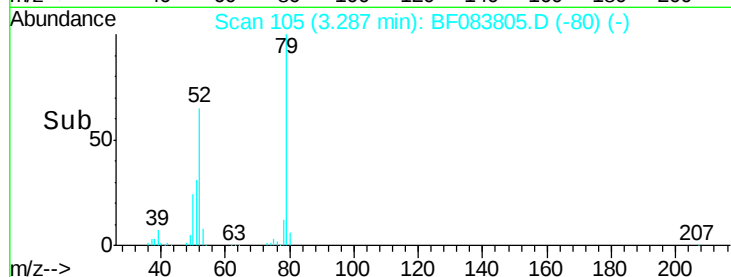
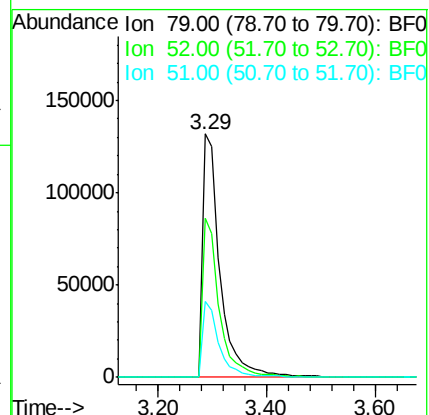
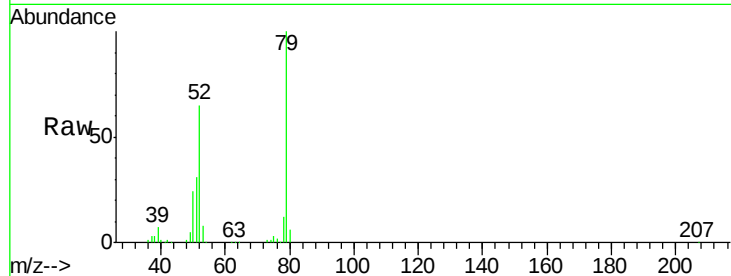
Tot Ion: 79 Resp: 290209

Ion Ratio Lower Upper

79 100

52 65.4 63.7 95.5

51 31.0 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 40.21 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.00 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

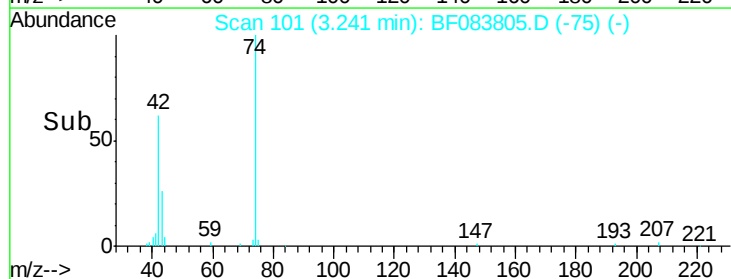
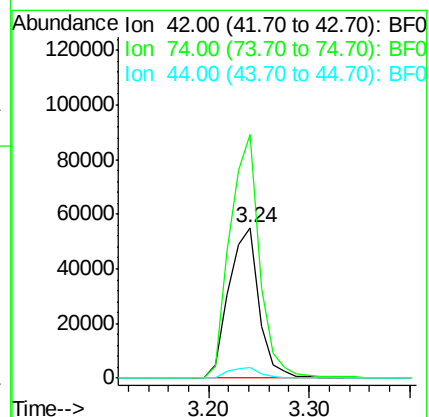
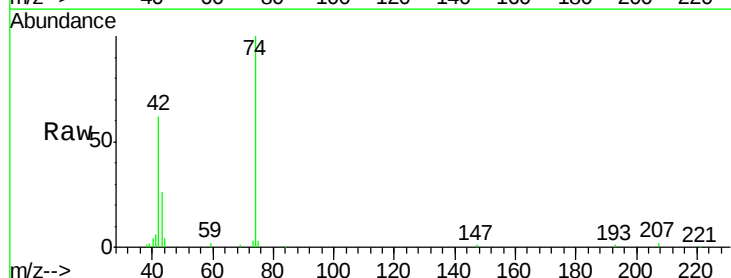
Tgt Ion: 42 Resp: 114415

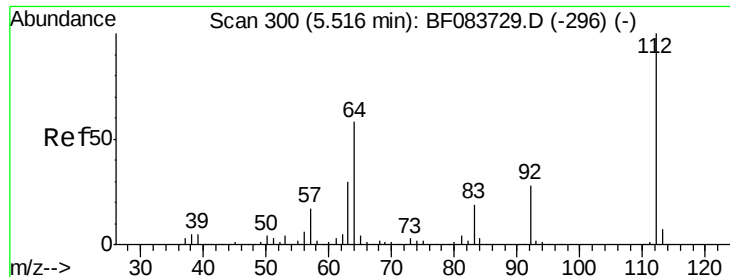
Ion Ratio Lower Upper

42 100

74 162.1 92.9 139.3#

44 6.8 5.7 8.5





#5

2-Fluorophenol

Concen: 82.68 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

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ClientSampleId :

PB87256BS

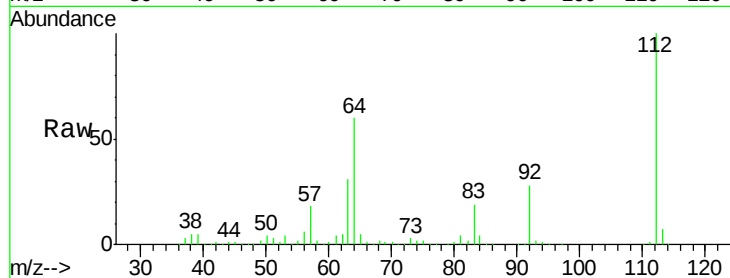
Tot Ion:112 Resp: 511149

Ion Ratio Lower Upper

112 100

64 59.9 50.5 75.7

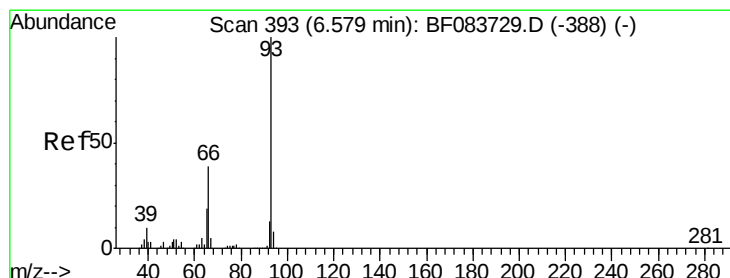
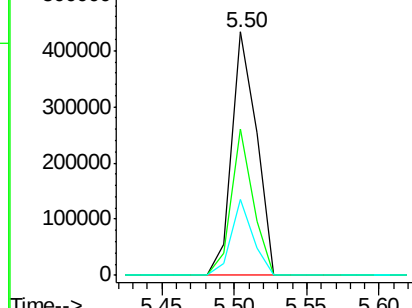
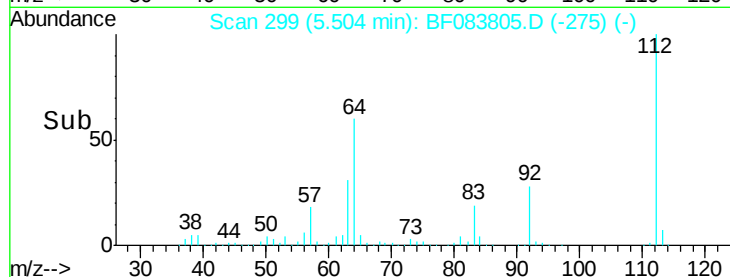
63 31.0 25.8 38.6



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



#6

Aniline

Concen: 28.37 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

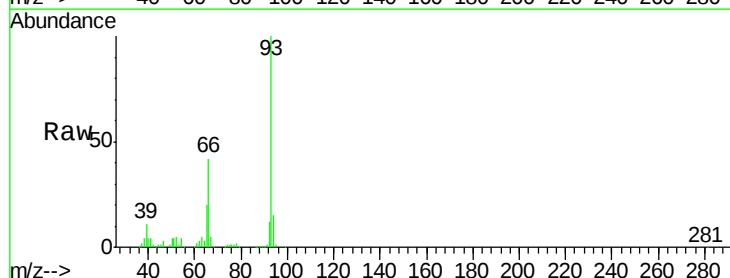
Tgt Ion: 93 Resp: 301744

Ion Ratio Lower Upper

93 100

66 41.7 41.3 61.9

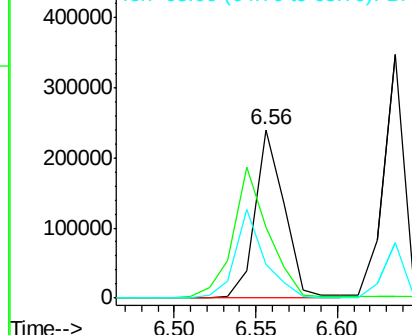
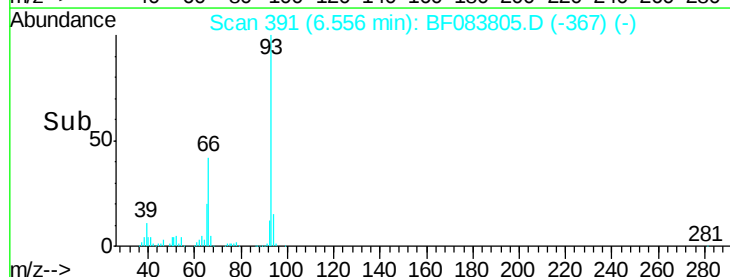
65 20.0 20.8 31.2#

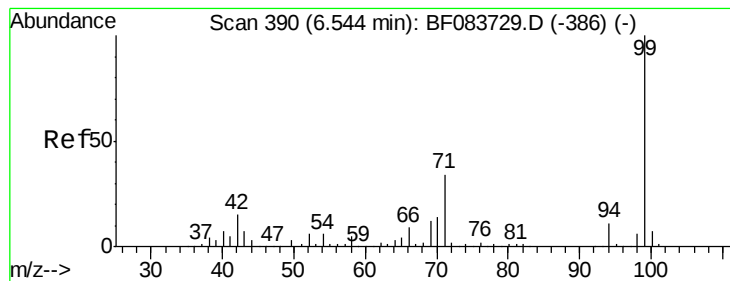


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.06 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

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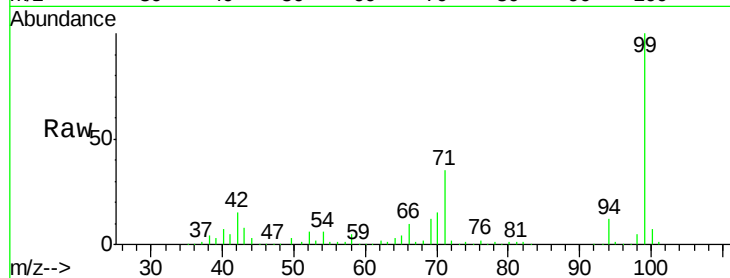
Tot Ion: 99 Resp: 665916

Ion Ratio Lower Upper

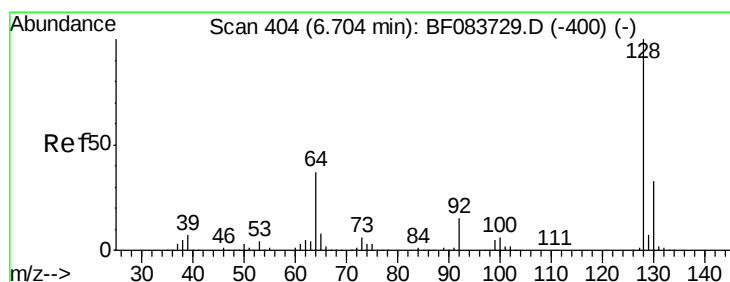
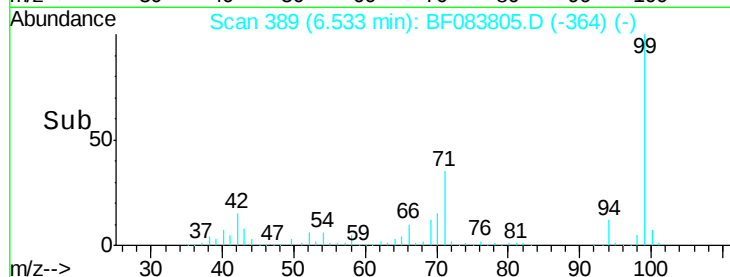
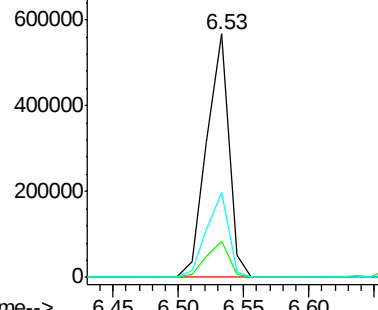
99 100

42 15.1 17.3 25.9#

71 35.0 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: 42.42 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

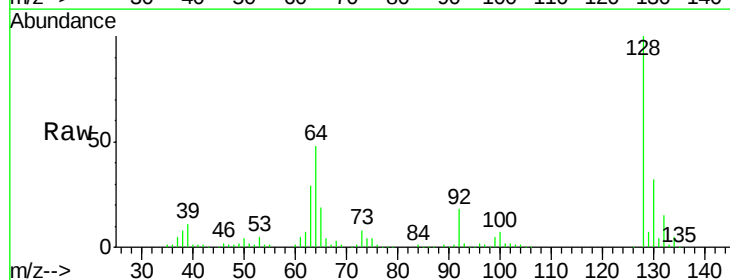
Tgt Ion: 128 Resp: 308130

Ion Ratio Lower Upper

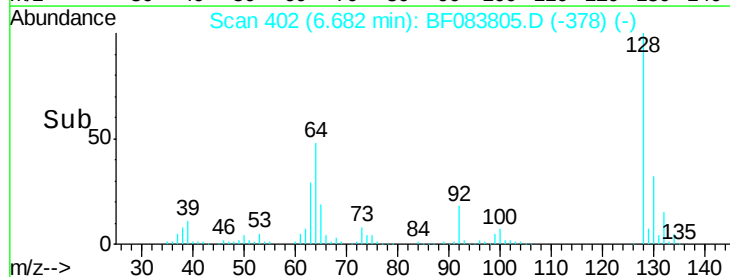
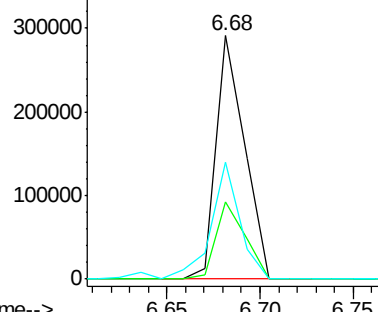
128 100

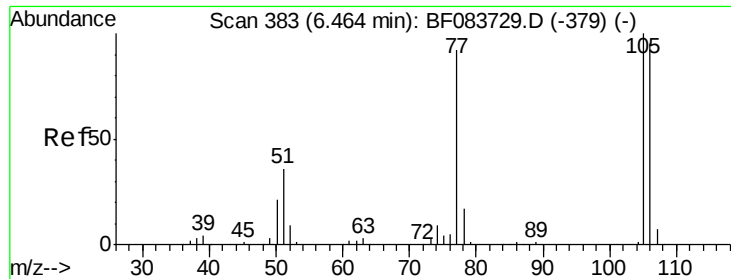
130 31.6 12.6 52.6

64 48.2 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

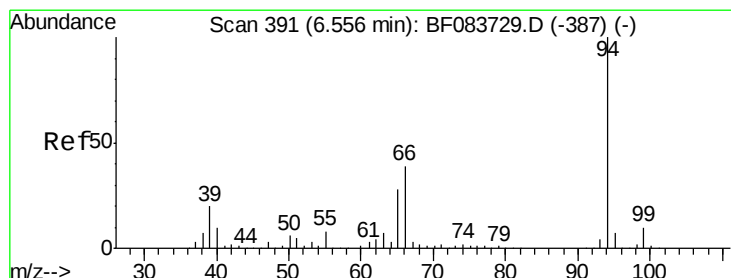
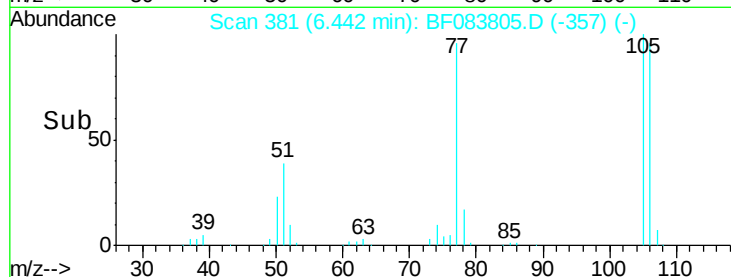
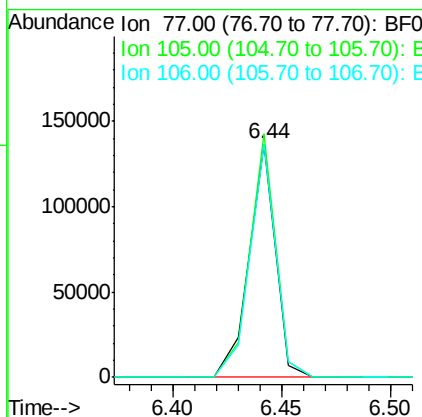
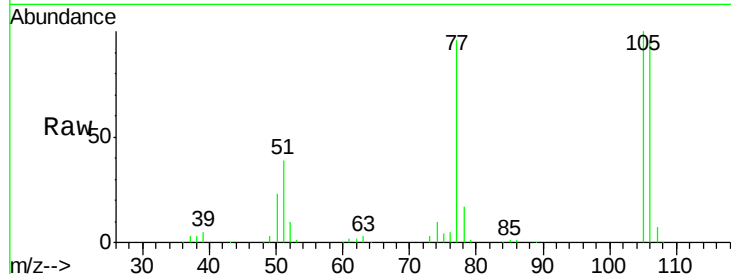




#9
Benzaldehyde
Concen: 27.35 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

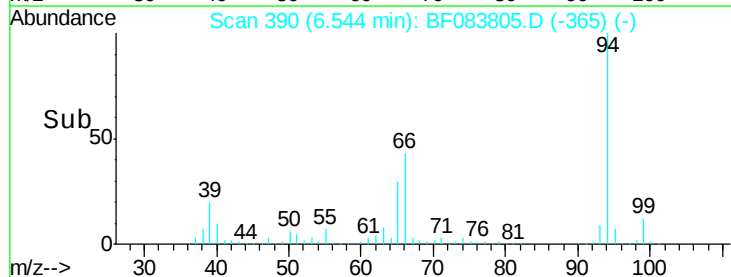
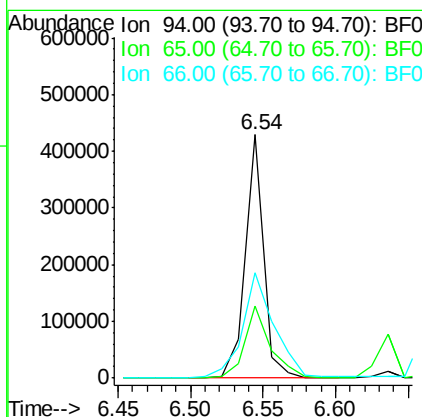
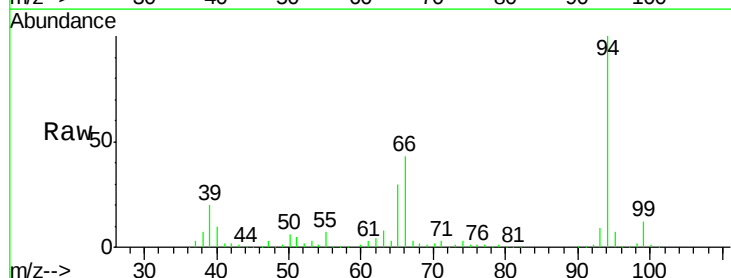
Instrument :
BNA_F
ClientSampleId :
PB87256BS

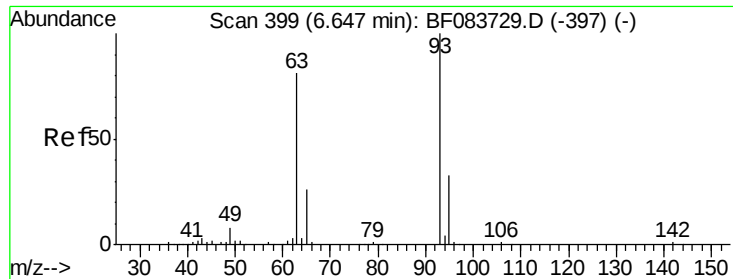
Tot Ion: 77 Resp: 115006
Ion Ratio Lower Upper
77 100
105 104.2 71.8 111.8
106 99.7 66.8 106.8



#10
Phenol
Concen: 41.85 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.01 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion: 94 Resp: 377124
Ion Ratio Lower Upper
94 100
65 29.6 20.9 60.9
66 43.3 41.6 81.6





#11

bis(2-Chloroethyl)ether

Concen: 46.12 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

ClientSampleId :

PB87256BS

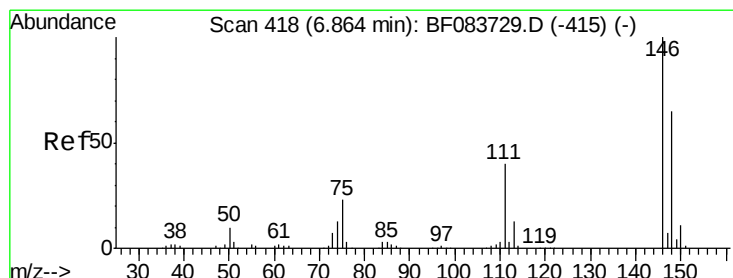
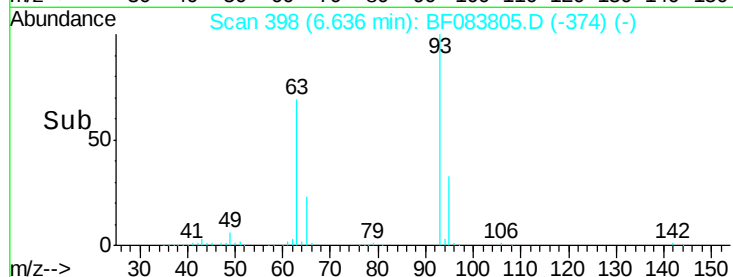
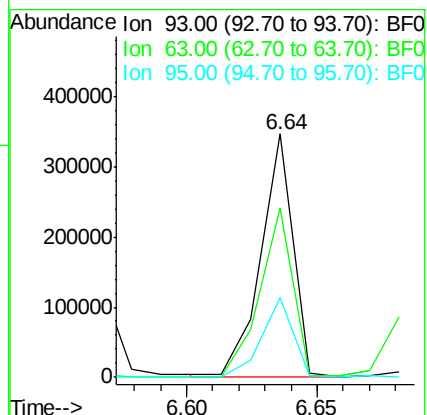
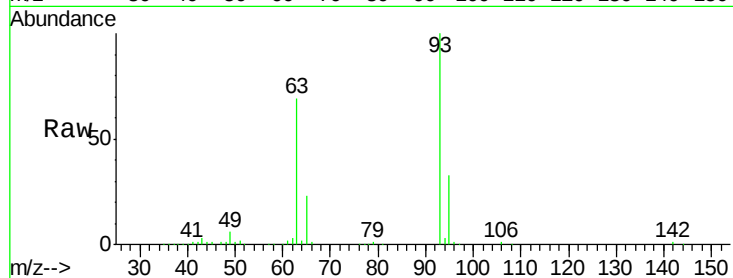
Tot Ion: 93 Resp: 300930

Ion Ratio Lower Upper

93 100

63 69.4 64.7 104.7

95 33.0 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 41.96 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

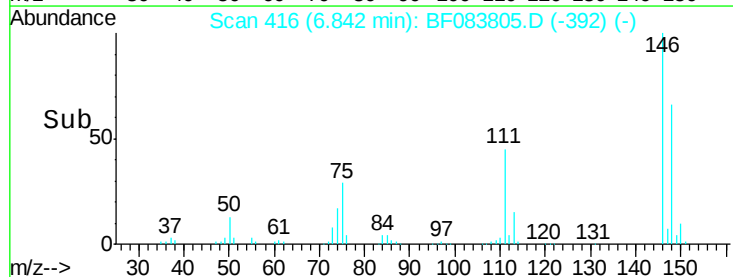
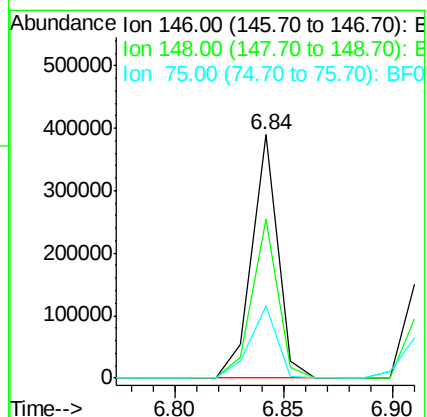
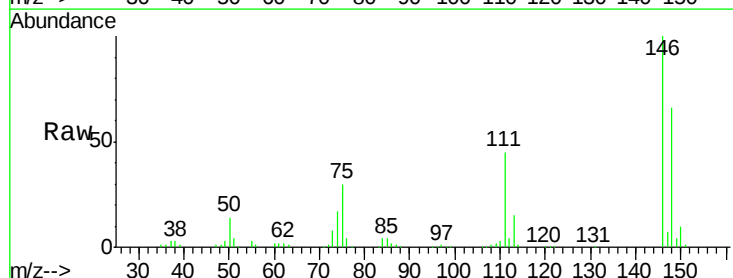
Tgt Ion: 146 Resp: 323521

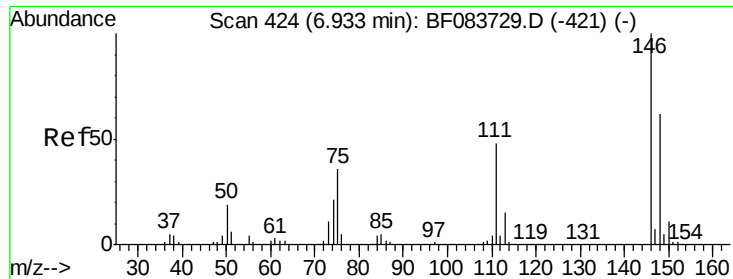
Ion Ratio Lower Upper

146 100

148 65.6 51.3 76.9

75 29.6 24.1 36.1

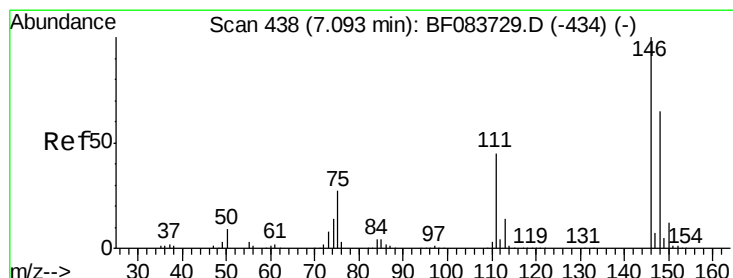
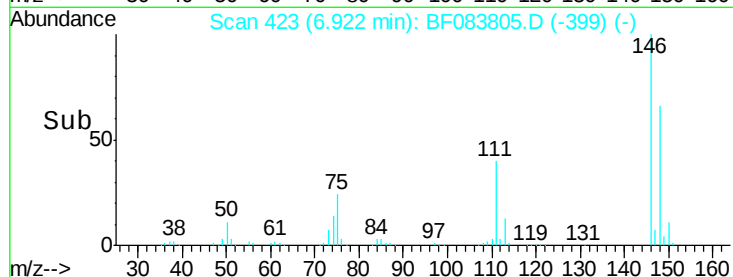
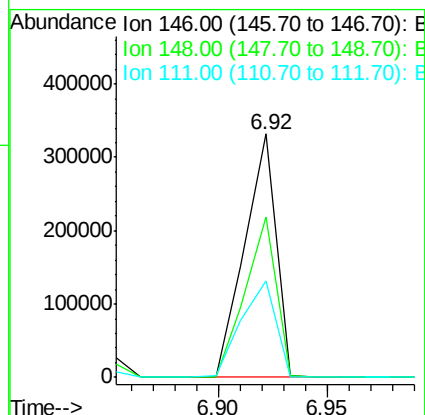
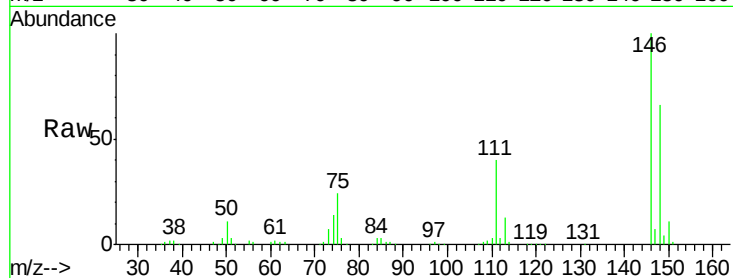




#13
 1,4-Dichlorobenzene
 Concen: 42.74 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

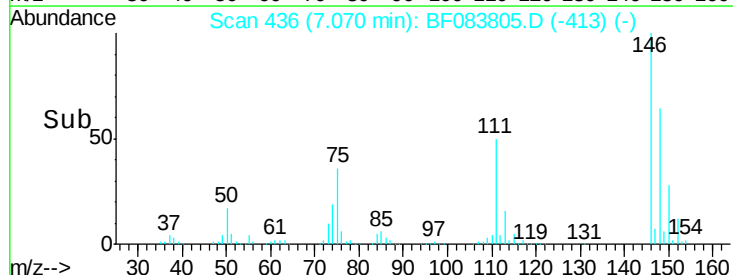
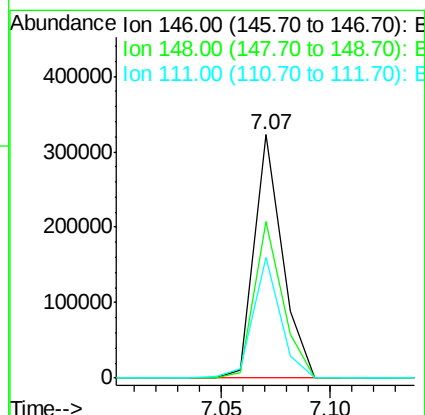
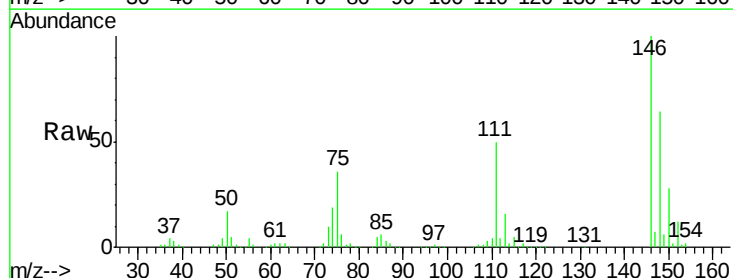
Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

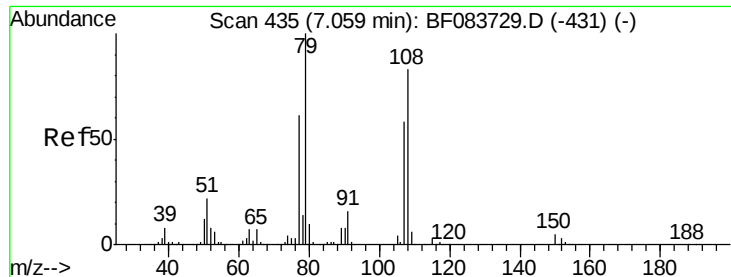
Tot Ion:146 Resp: 333000
 Ion Ratio Lower Upper
 146 100
 148 65.9 50.6 76.0
 111 39.6 36.1 54.1



#14
 1,2-Dichlorobenzene
 Concen: 41.38 ng
 RT: 7.07 min Scan# 436
 Delta R.T. -0.03 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Tgt Ion:146 Resp: 289670
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.4 77.0
 111 49.5 36.7 55.1





#15

Benzyl Alcohol

Concen: 47.40 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

ClientSampleId :

PB87256BS

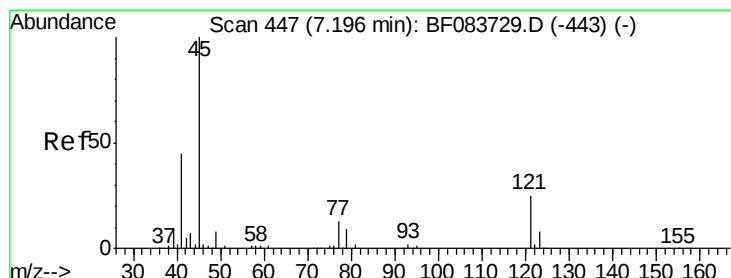
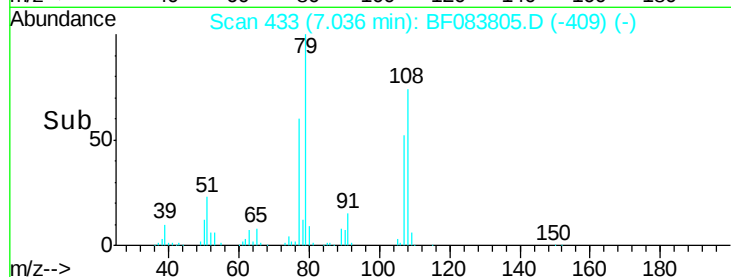
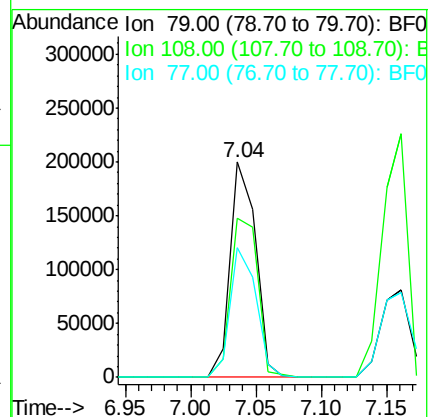
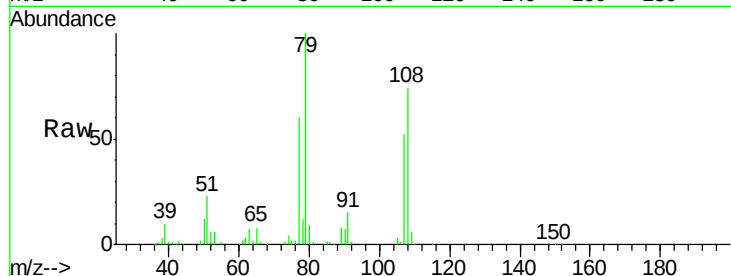
Tot Ion: 79 Resp: 272607

Ion Ratio Lower Upper

79 100

108 74.1 59.6 89.4

77 60.3 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.90 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

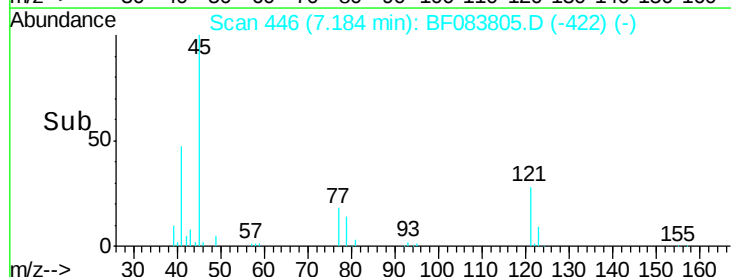
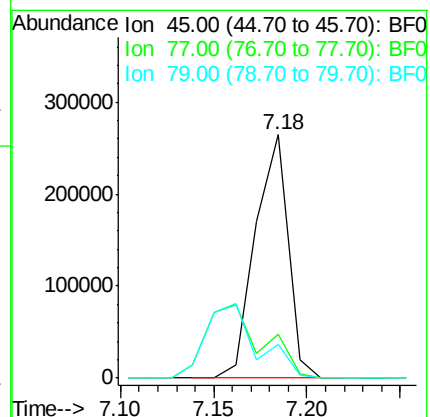
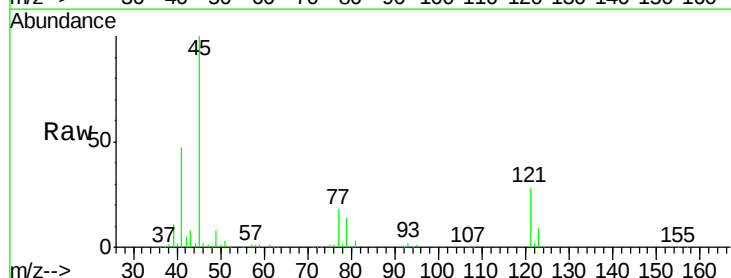
Tgt Ion: 45 Resp: 321158

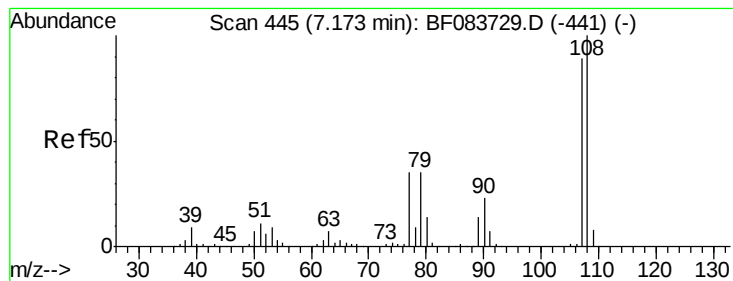
Ion Ratio Lower Upper

45 100

77 18.1 12.8 52.8

79 13.9 10.7 50.7

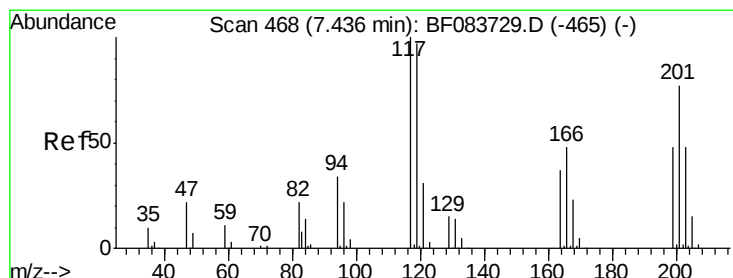
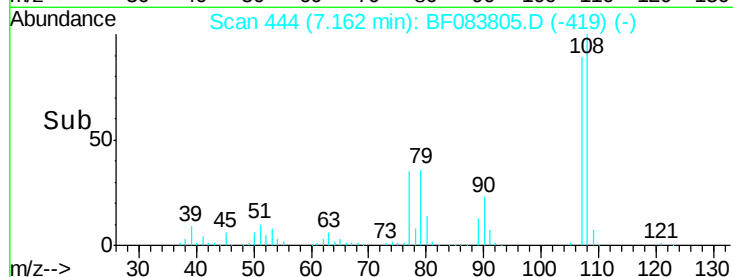
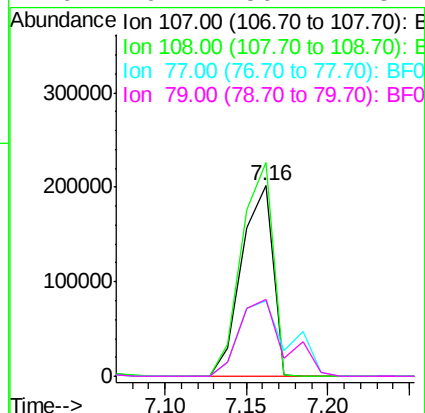
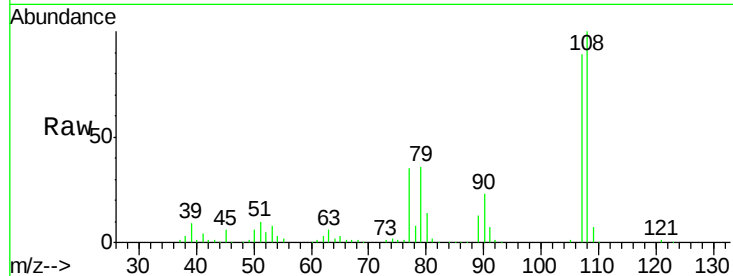




#17
2-Methylphenol
Concen: 45.89 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

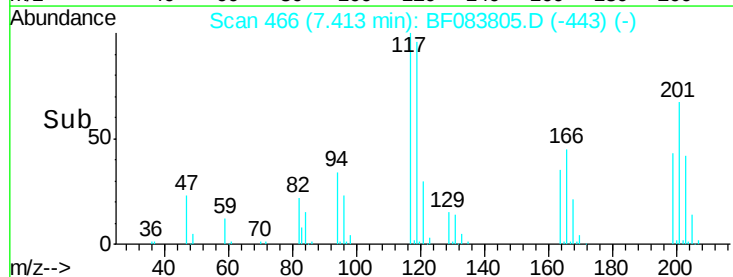
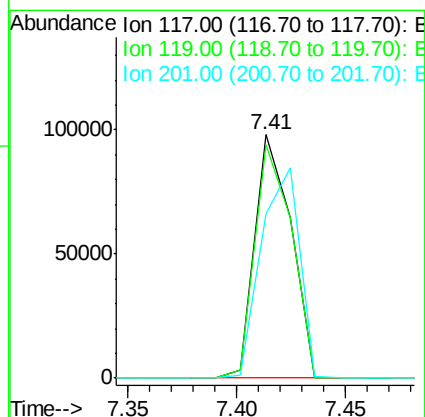
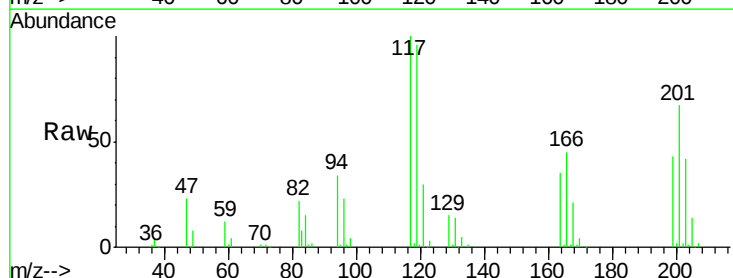
Instrument :
BNA_F
ClientSampleId :
PB87256BS

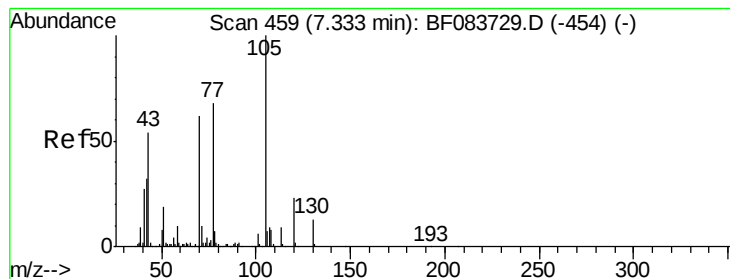
Tot Ion:107 Resp: 268049
Ion Ratio Lower Upper
107 100
108 112.3 91.6 137.4
77 39.4 53.7 80.5#
79 40.4 50.2 75.4#



#18
Hexachloroethane
Concen: 41.21 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion:117 Resp: 114006
Ion Ratio Lower Upper
117 100
119 95.7 77.2 115.8
201 67.3 86.8 130.2#





#19

n-Nitroso-di-n-propylamine

Concen: 43.44 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

ClientSampleId :

PB87256BS

Tot Ion: 70 Resp: 208237

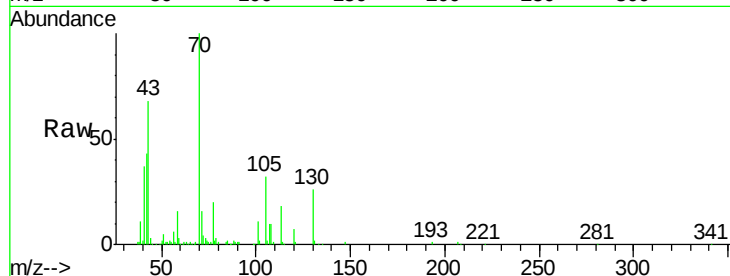
Ion Ratio Lower Upper

70 100

42 42.9 49.2 73.8#

101 11.1 7.1 10.7#

130 26.4 15.4 23.0#



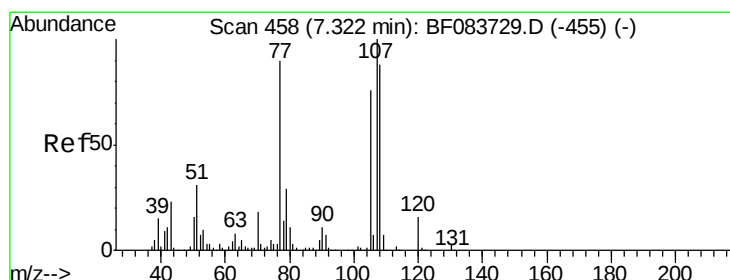
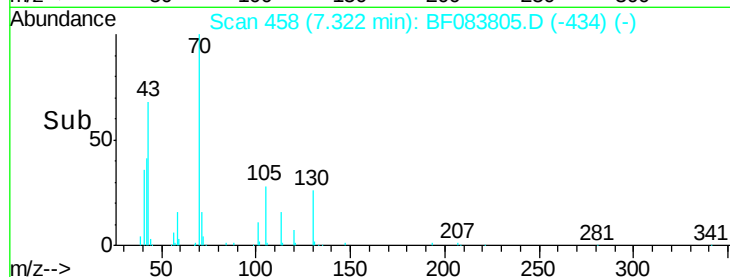
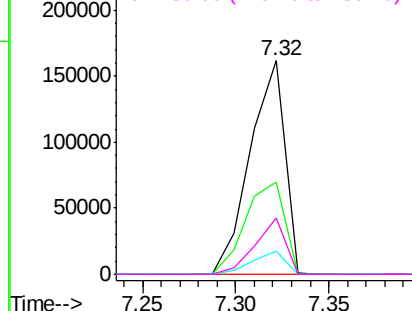
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 43.39 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Tgt Ion: 107 Resp: 299160

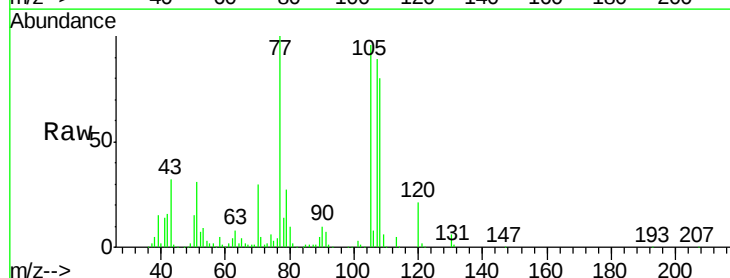
Ion Ratio Lower Upper

107 100

108 90.0 65.2 105.2

77 111.9 15.2 55.2#

79 30.1 6.0 46.0



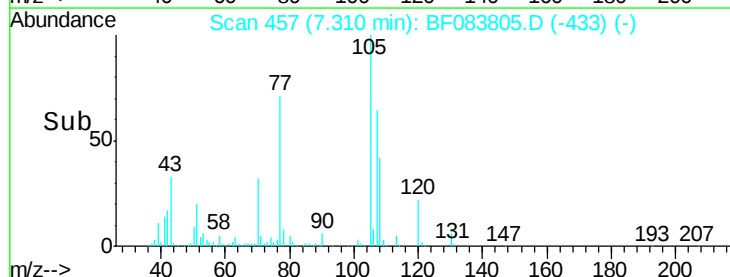
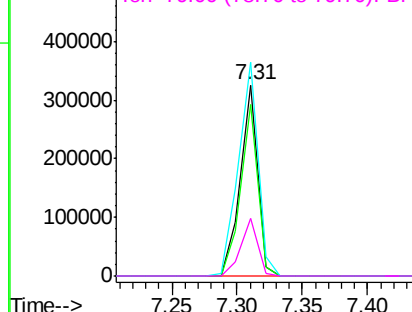
Abundance

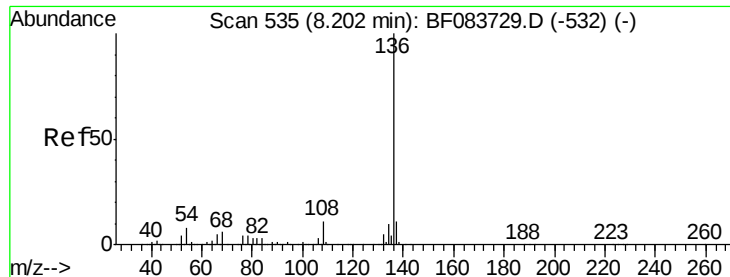
Ion 107.00 (106.70 to 107.70): E

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

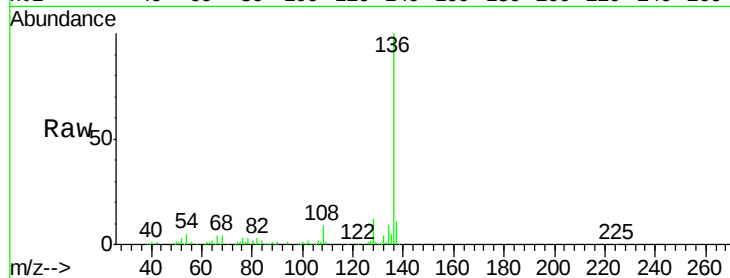




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

Tot Ion:136	Resp:	406248
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.7	13.1
54 5.1	7.8	11.6#
68 4.1	5.7	8.5#



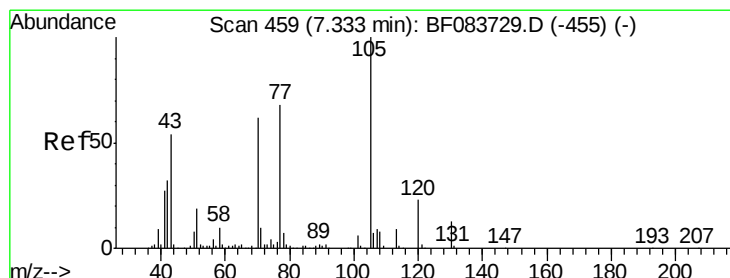
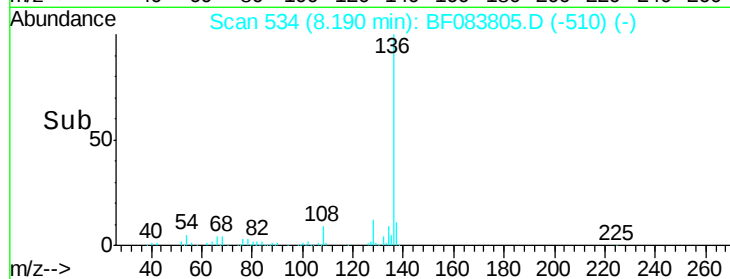
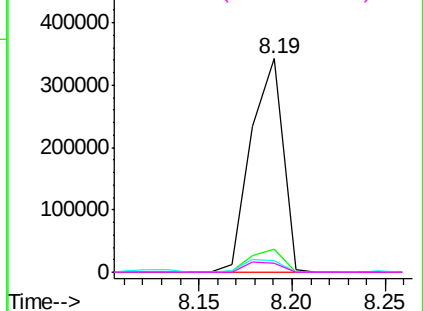
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

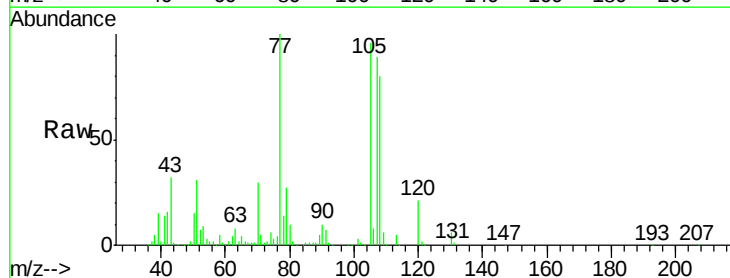
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 38.29 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion:105	Resp:	381643
Ion Ratio	Lower	Upper
105 100		
71 5.3	1.3	1.9#
51 32.6	23.8	35.8
120 21.4	16.7	25.1



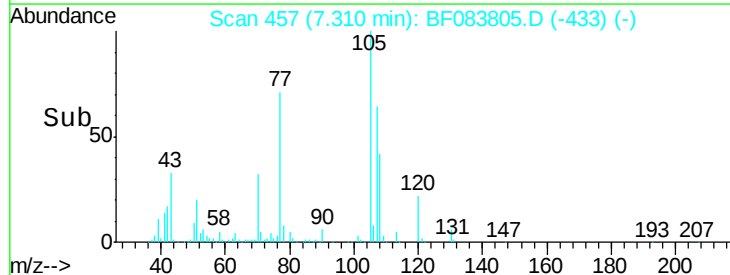
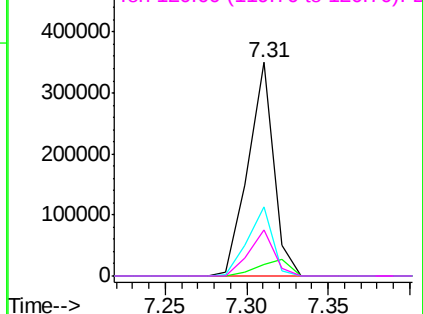
Abundance

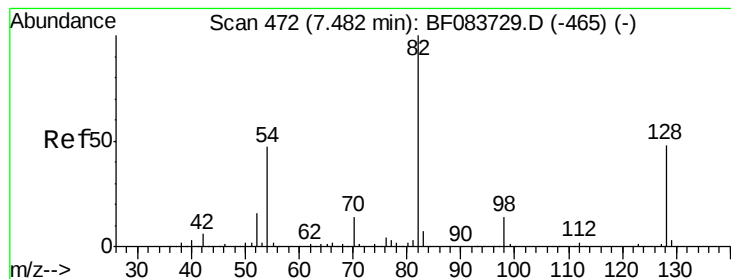
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.65 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

ClientSampleId :

PB87256BS

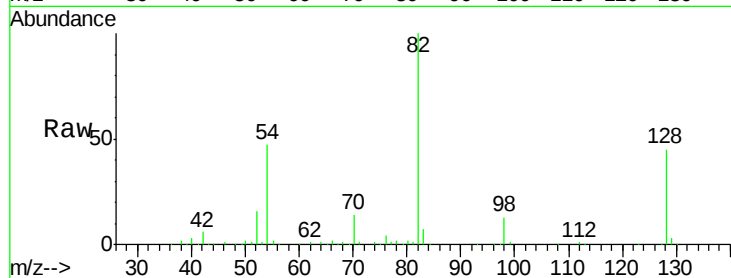
Tot Ion: 82 Resp: 600173

Ion Ratio Lower Upper

82 100

128 44.6 30.7 46.1

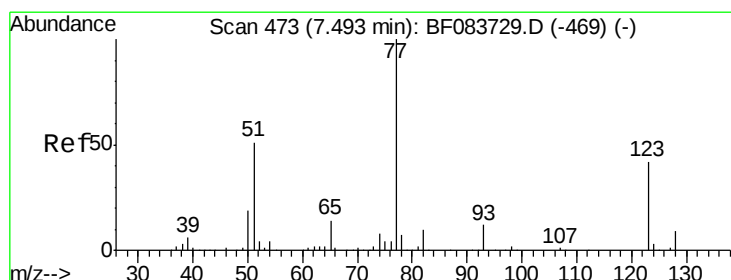
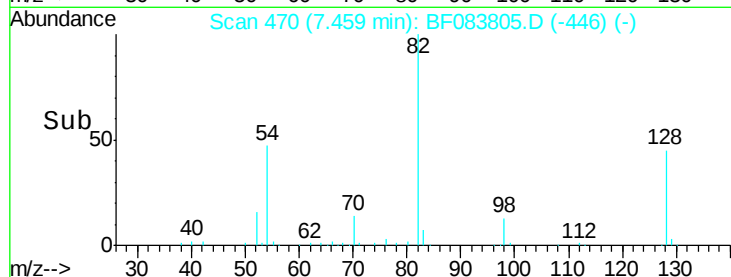
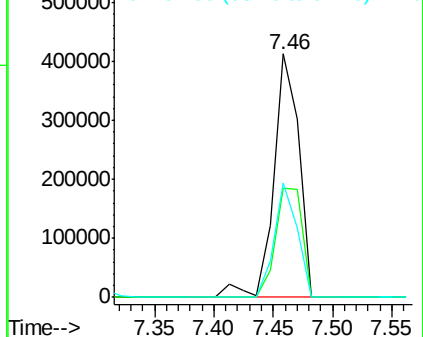
54 46.8 42.5 63.7



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: 41.50 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

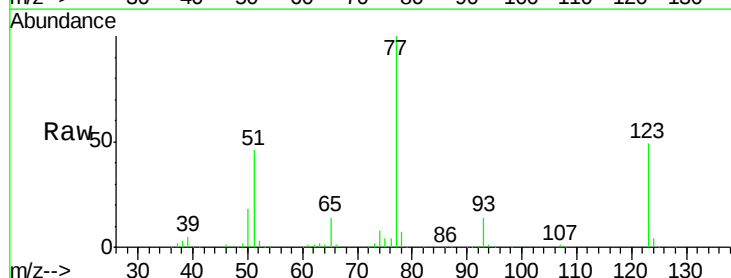
Tgt Ion: 77 Resp: 313655

Ion Ratio Lower Upper

77 100

123 49.3 29.8 44.6#

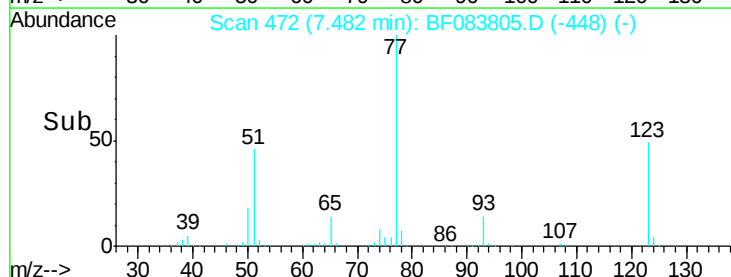
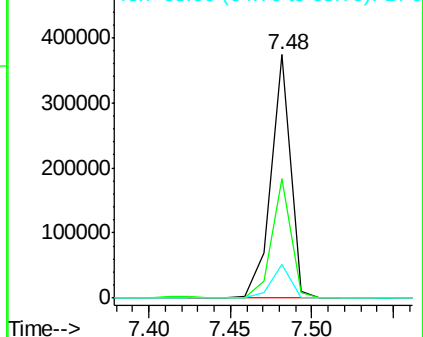
65 13.8 11.1 16.7

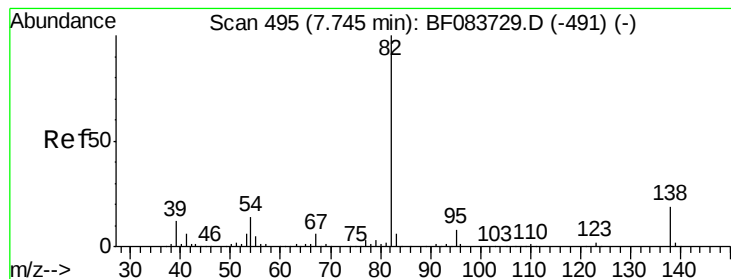


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.65 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

ClientSampleId :

PB87256BS

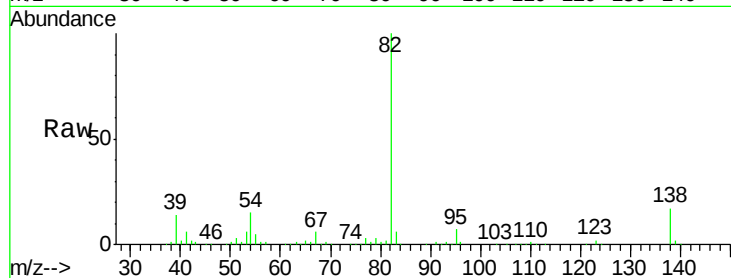
Tot Ion: 82 Resp: 564796

Ion Ratio Lower Upper

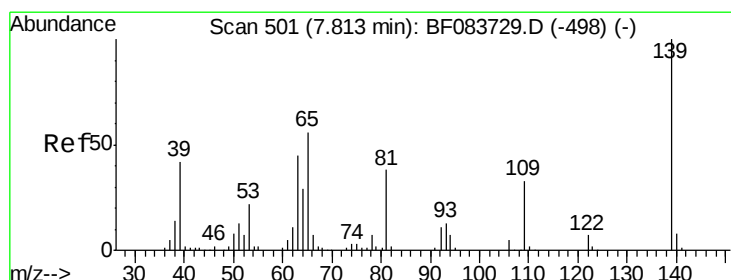
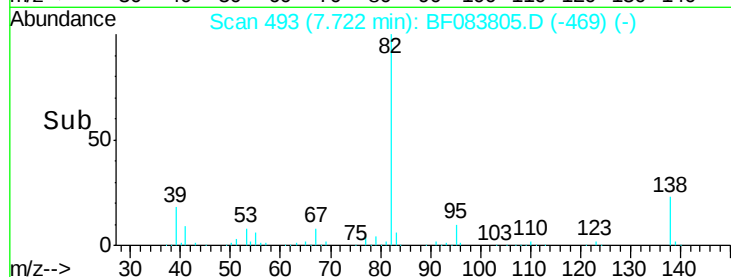
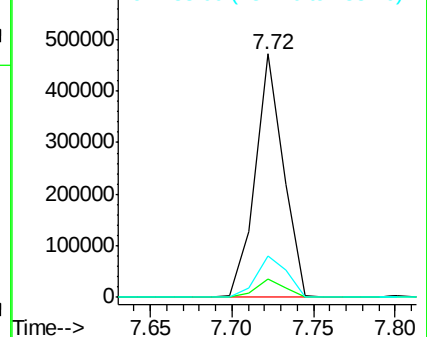
82 100

95 7.5 5.0 7.4#

138 17.1 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: 47.69 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

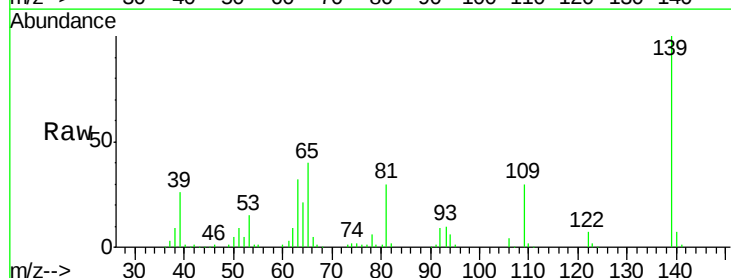
Tgt Ion: 139 Resp: 173147

Ion Ratio Lower Upper

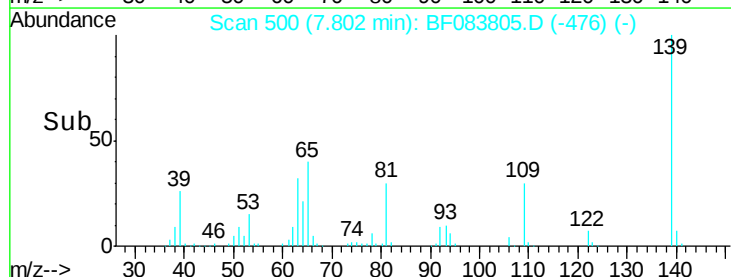
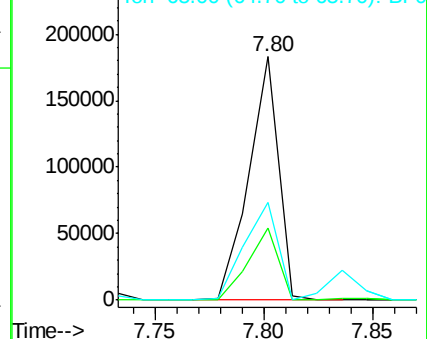
139 100

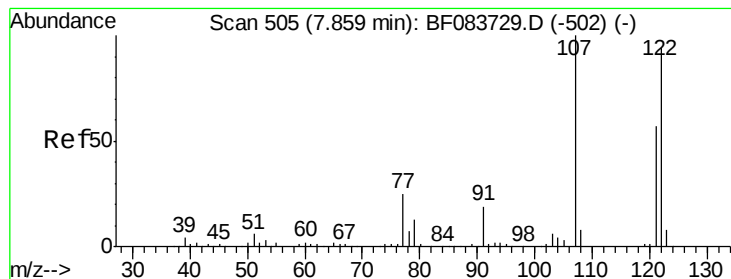
109 29.7 22.7 34.1

65 40.3 51.8 77.8#



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





#27

2,4-Dimethylphenol

Concen: 40.84 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

ClientSampleId :

PB87256BS

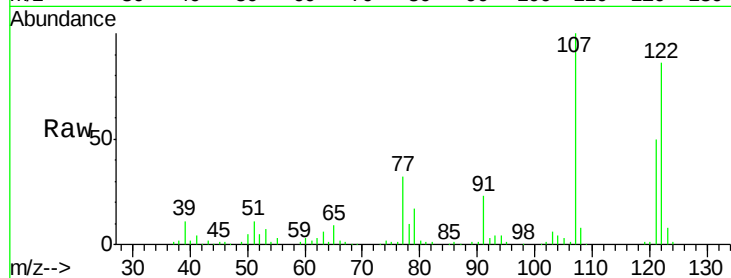
Tot Ion:122 Resp: 291327

Ion Ratio Lower Upper

122 100

107 116.4 92.4 138.6

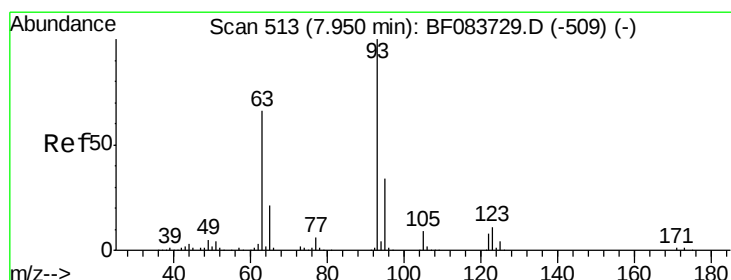
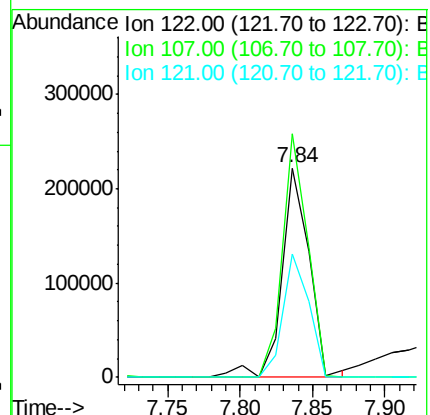
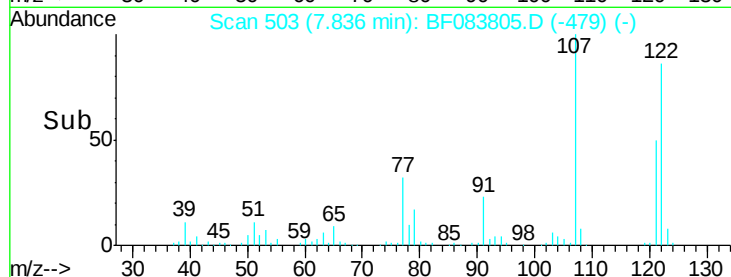
121 58.7 45.8 68.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.03 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

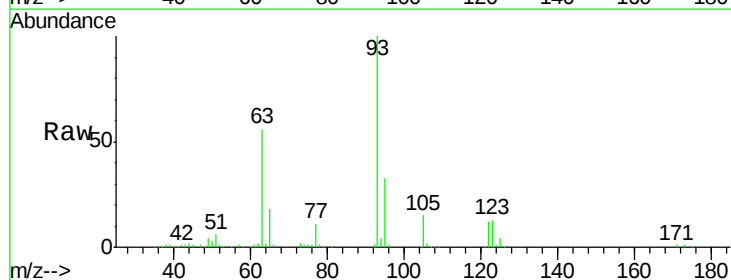
Tgt Ion: 93 Resp: 366090

Ion Ratio Lower Upper

93 100

95 33.4 25.6 38.4

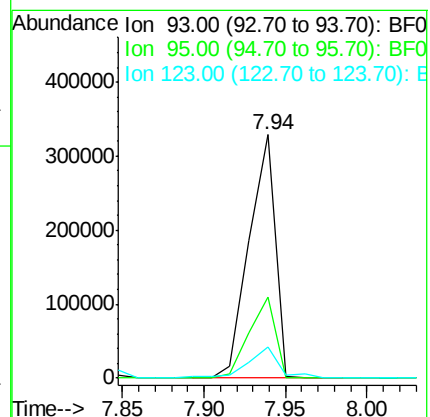
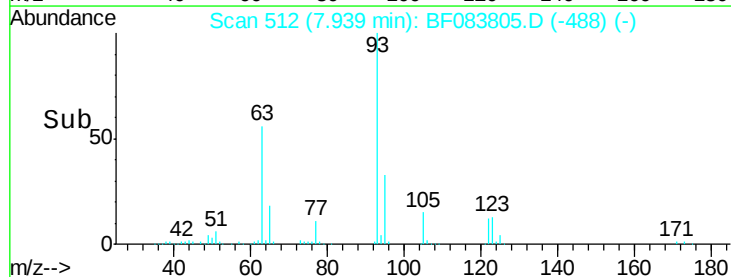
123 13.0 7.3 10.9#

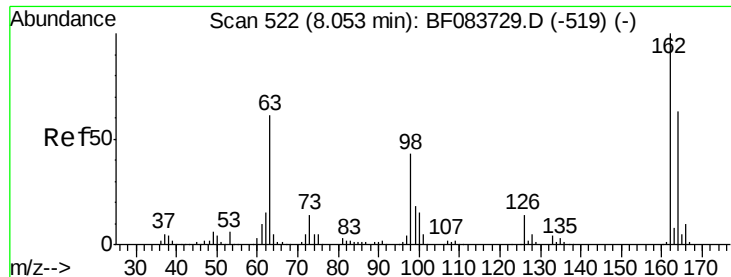


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

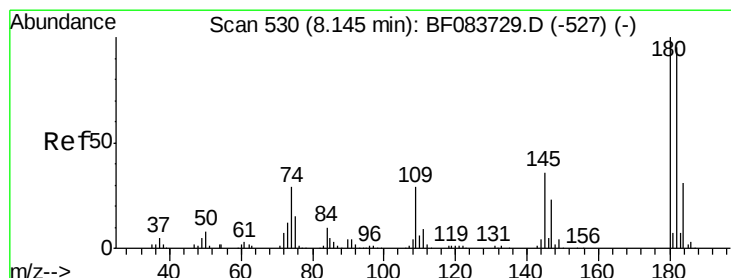
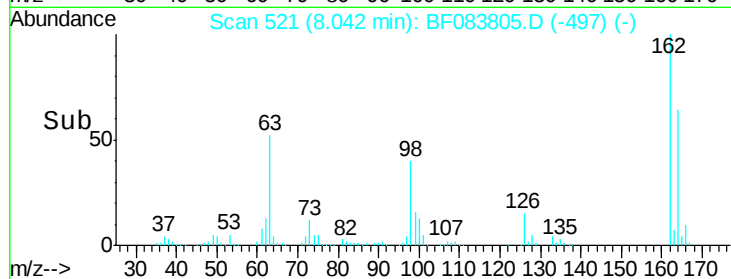
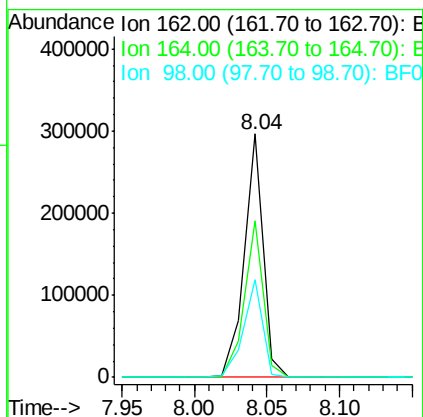
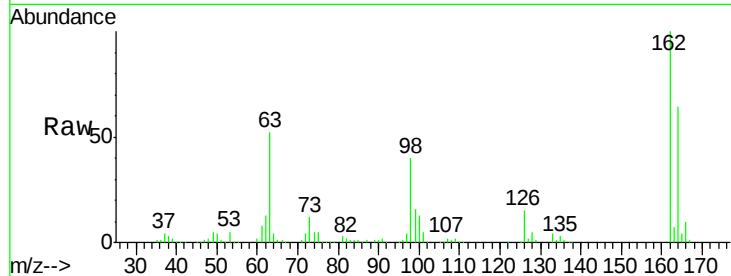




#29
 2,4-Dichlorophenol
 Concen: 45.77 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

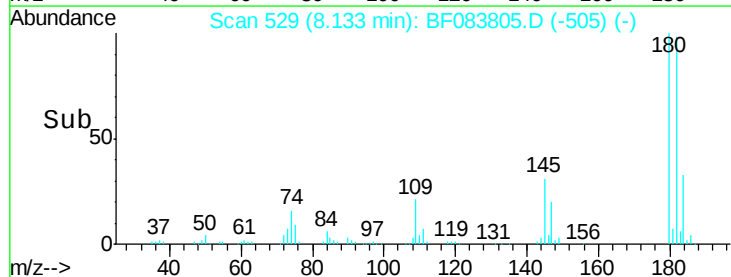
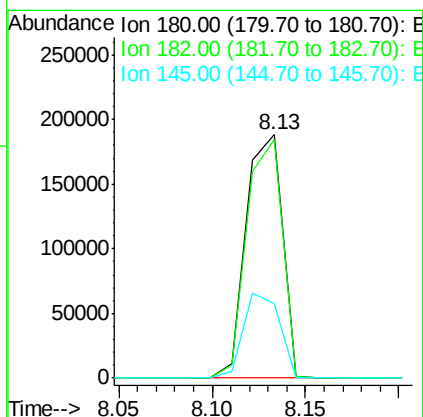
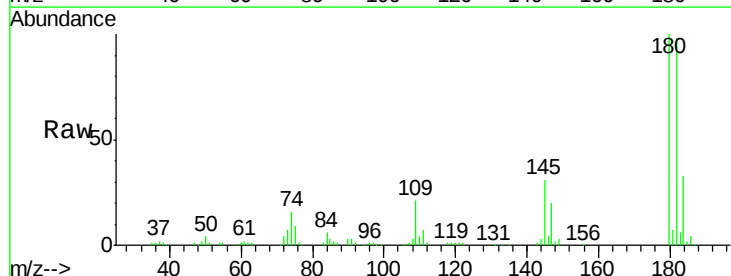
Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

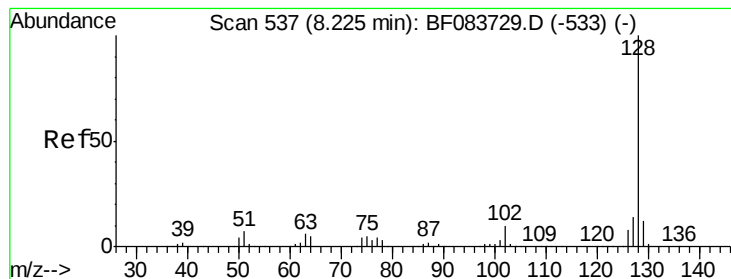
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.4	83.4
98	40.0	17.5	57.5



#30
 1,2,4-Trichlorobenzene
 Concen: 41.62 ng
 RT: 8.13 min Scan# 529
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	74.9	112.3
145	30.7	24.7	37.1





#31

Naphthalene

Concen: 41.92 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

ClientSampleId :

PB87256BS

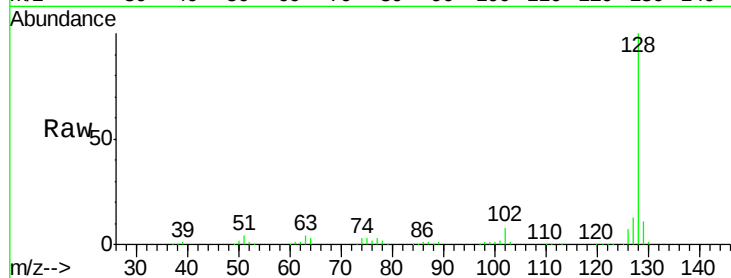
Tot Ion:128 Resp: 887642

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

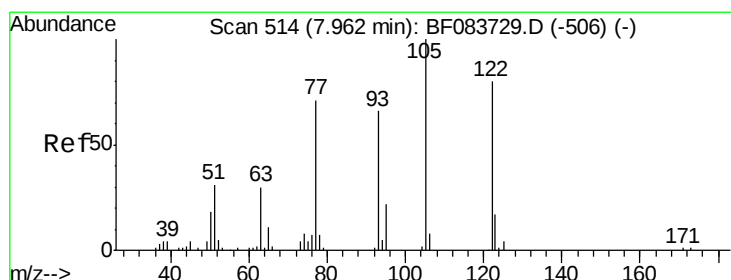
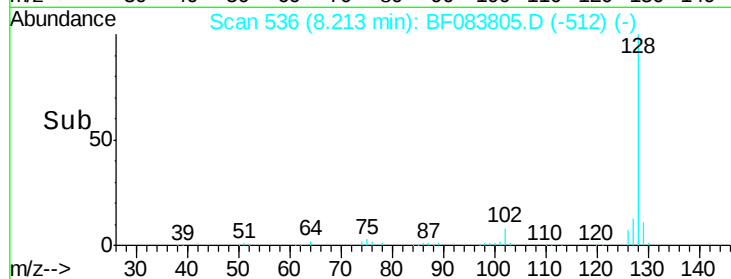
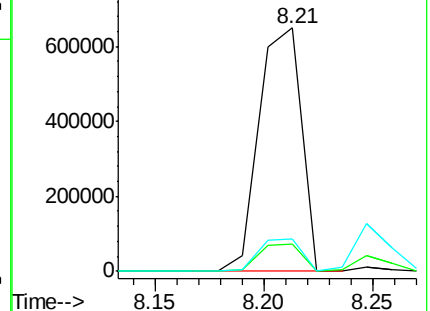
127 13.4 10.6 16.0



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: 44.68 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

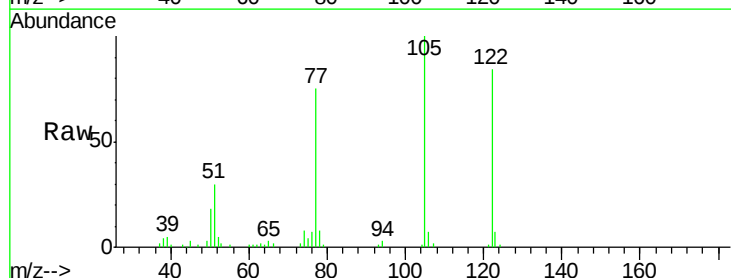
Tgt Ion:122 Resp: 198665

Ion Ratio Lower Upper

122 100

105 119.6 105.6 145.6

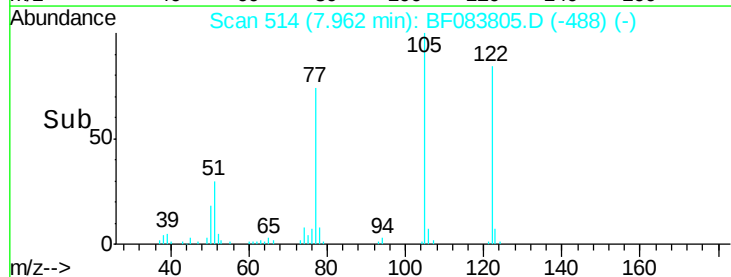
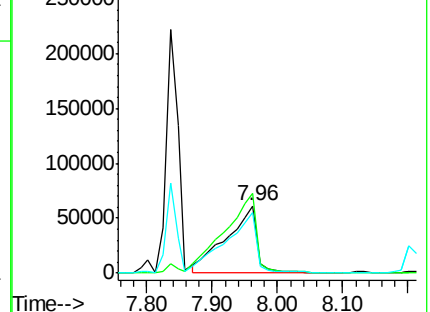
77 90.0 86.8 126.8

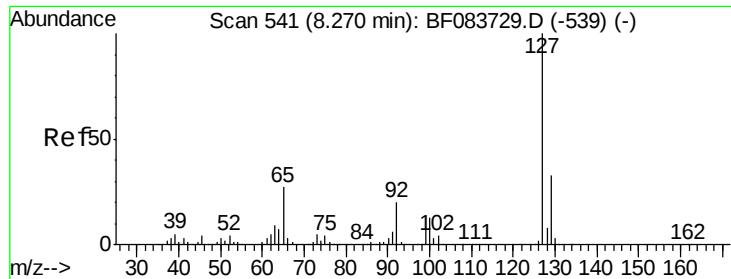


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

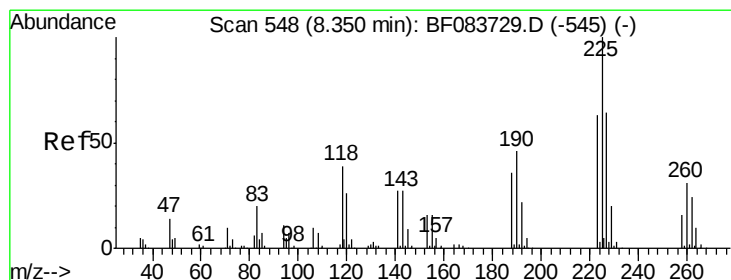
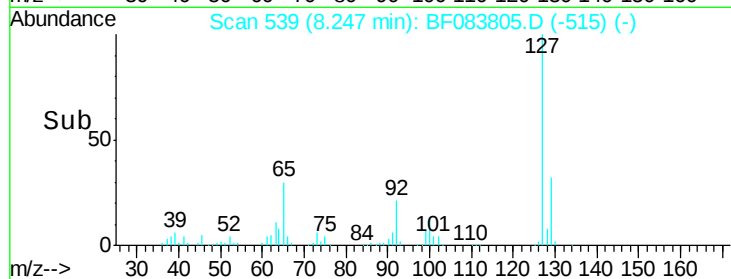
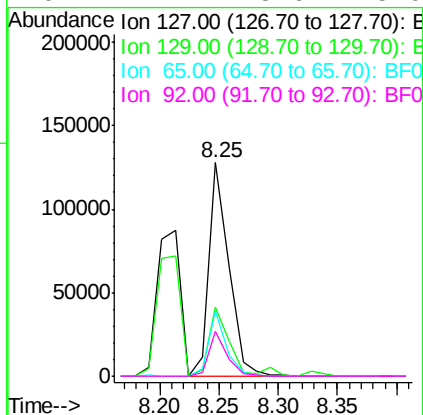
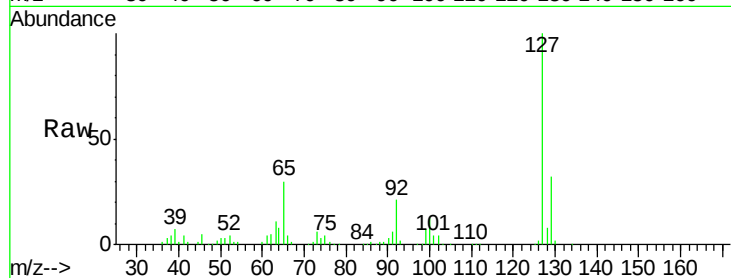




#33
4-Chloroaniline
Concen: 17.26 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

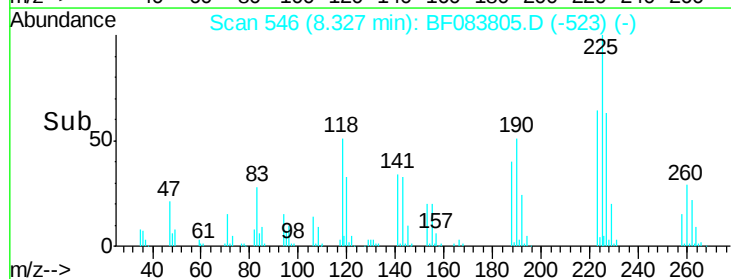
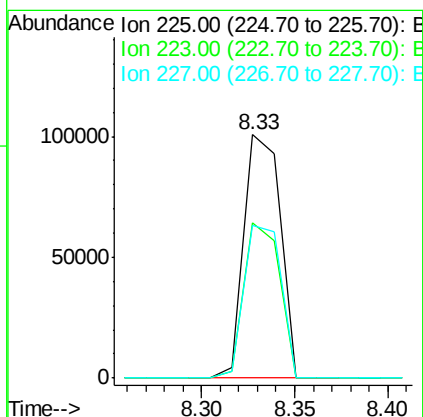
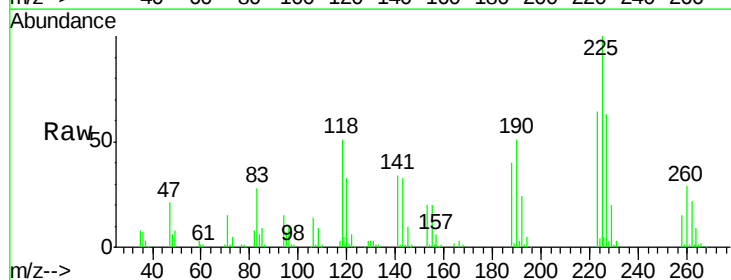
Instrument :
BNA_F
ClientSampleId :
PB87256BS

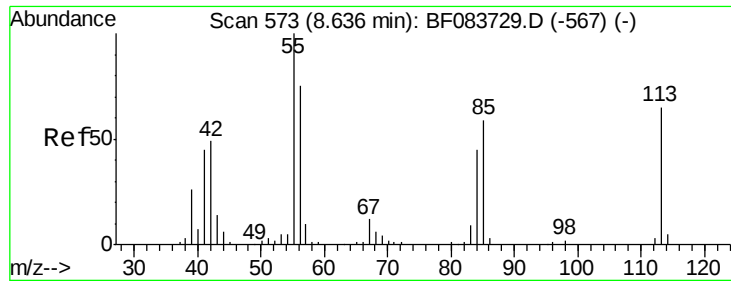
Tot Ion:	127	Resp:	149329
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	30.4	33.5	50.3#
92	21.1	18.6	28.0



#34
Hexachlorobutadiene
Concen: 40.86 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion:	225	Resp:	136174
Ion	Ratio	Lower	Upper
225	100		
223	64.0	52.3	78.5
227	62.6	50.4	75.6

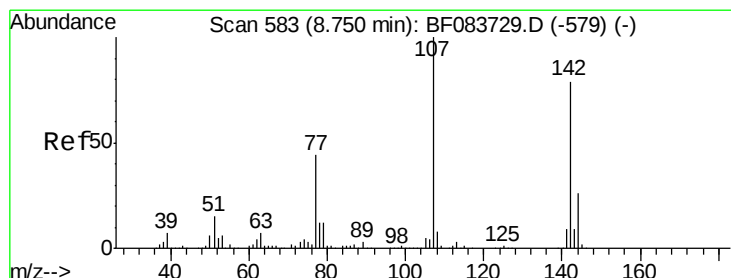
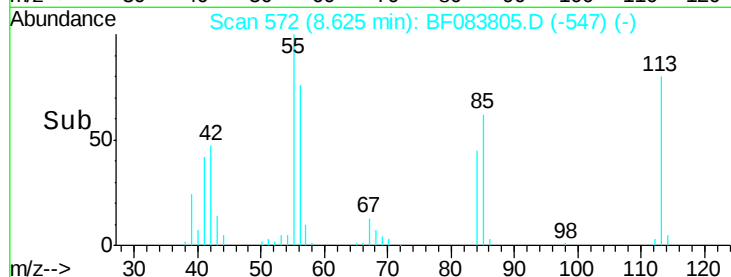
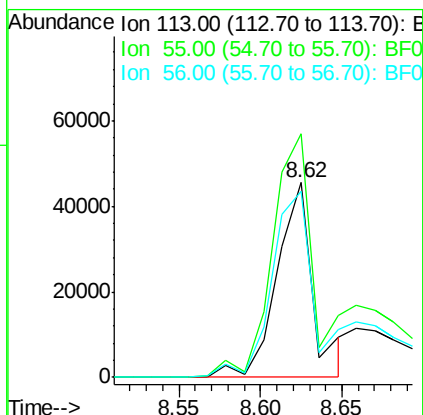
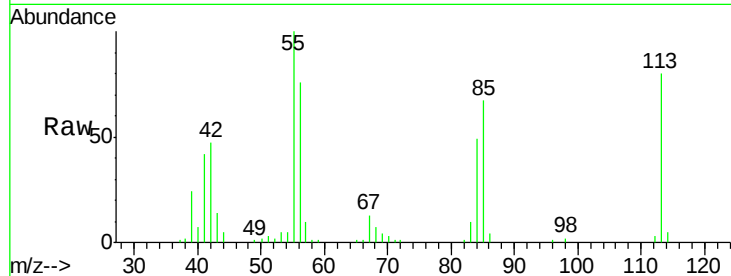




#35
 Caprolactam
 Concen: 37.40 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

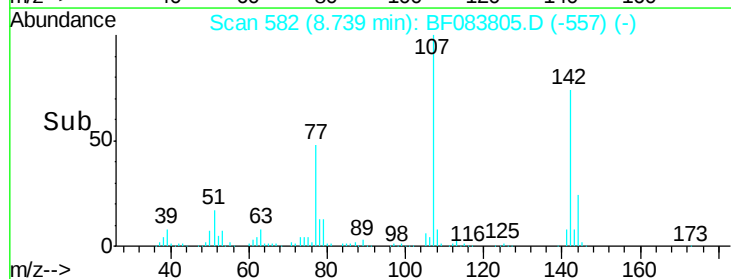
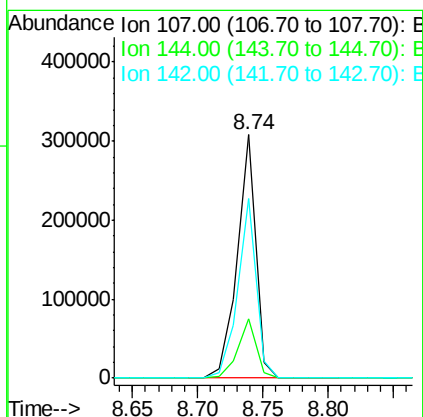
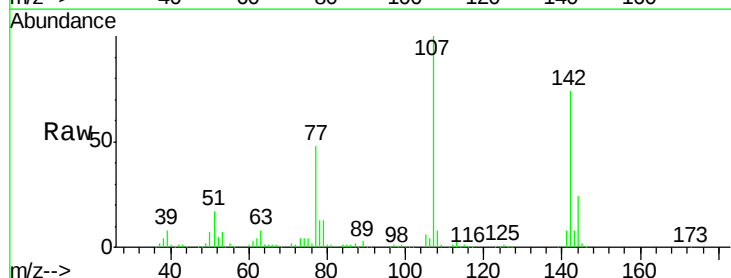
Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

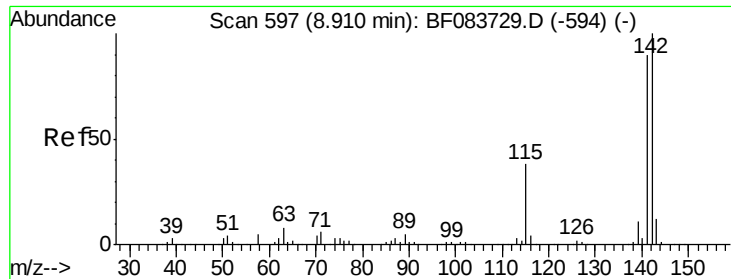
Tot Ion:113 Resp: 70333
 Ion Ratio Lower Upper
 113 100
 55 125.0 189.7 229.7#
 56 95.2 130.7 170.7#



#36
 4-Chloro-3-methylphenol
 Concen: 44.14 ng
 RT: 8.74 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Tgt Ion:107 Resp: 302404
 Ion Ratio Lower Upper
 107 100
 144 24.2 17.5 26.3
 142 73.5 53.6 80.4

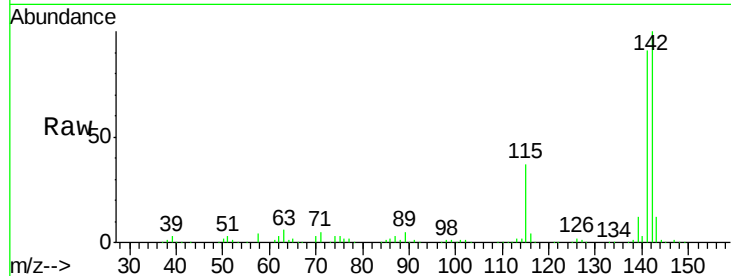




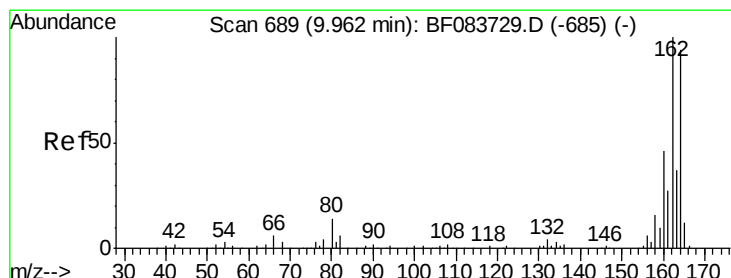
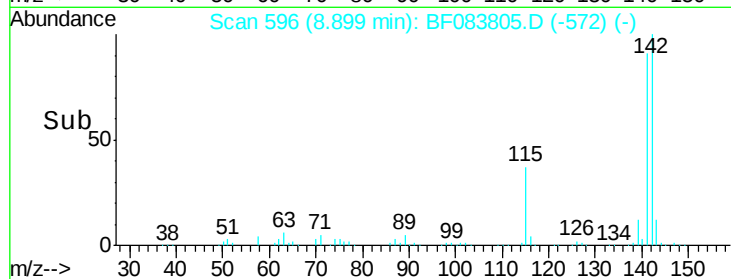
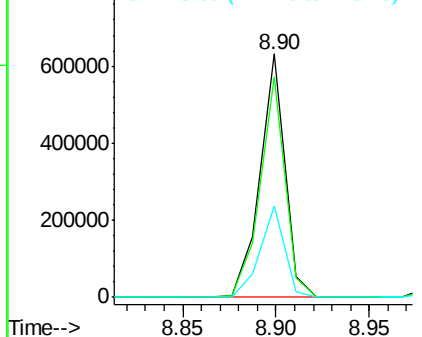
#37
 2-Methylnaphthalene
 Concen: 43.76 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.3	105.5
115	37.5	29.2	43.8

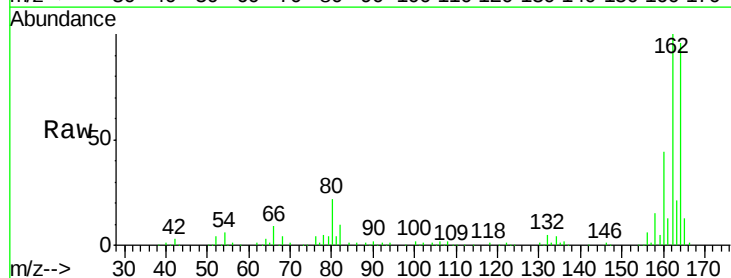


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

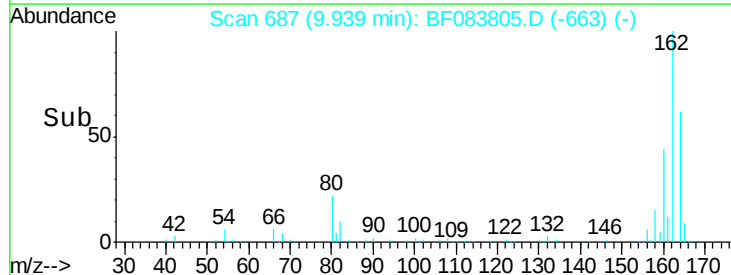
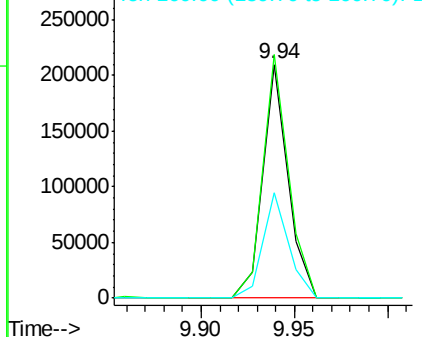


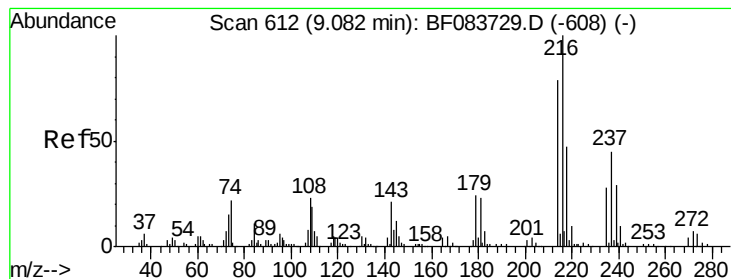
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	78.8	118.2
160	45.3	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: 44.29 ng

RT: 9.07 min Scan# 611

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

ClientSampleId :

PB87256BS

Tot Ion:216 Resp: 255896

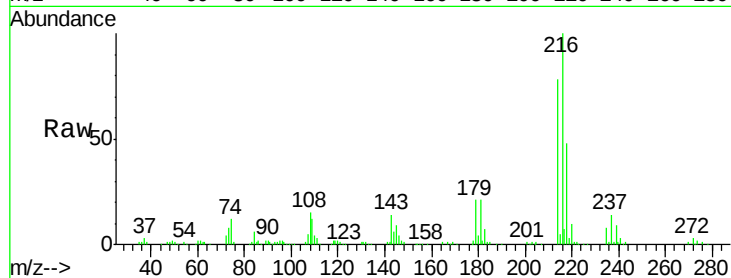
Ion Ratio Lower Upper

216 100

214 78.5 0.0 0.0#

179 22.0 0.0 0.0#

108 21.7 0.0 0.0#

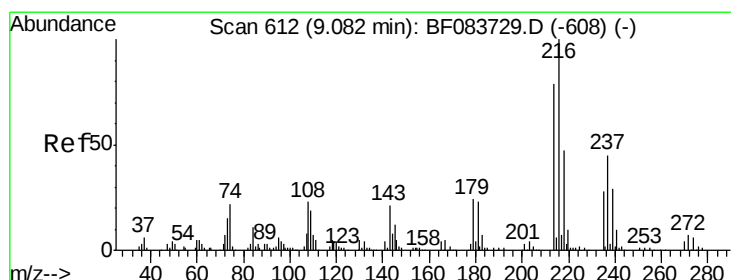
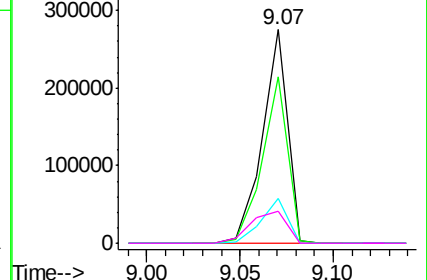
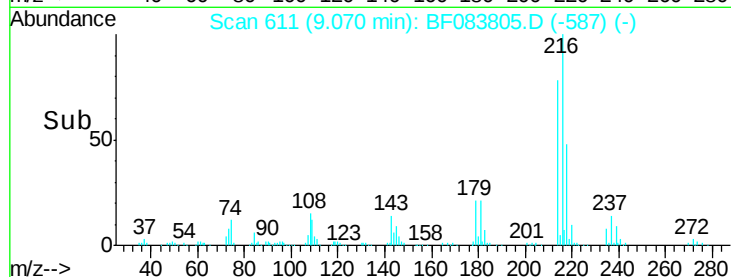


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 91.10 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

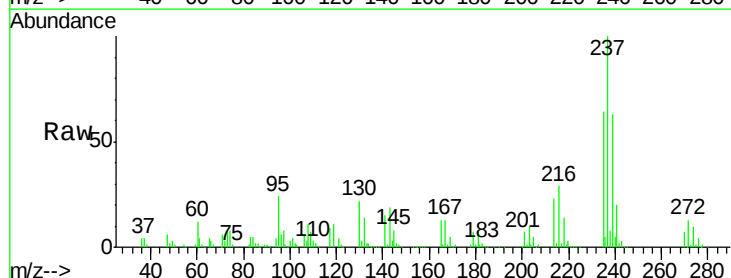
Tgt Ion:237 Resp: 266721

Ion Ratio Lower Upper

237 100

235 64.2 43.9 83.9

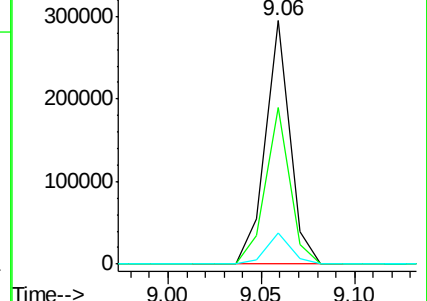
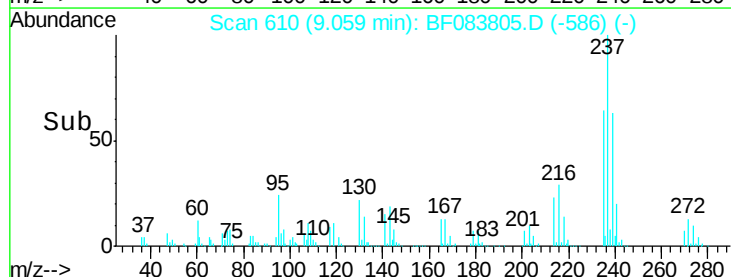
272 12.6 0.0 31.8

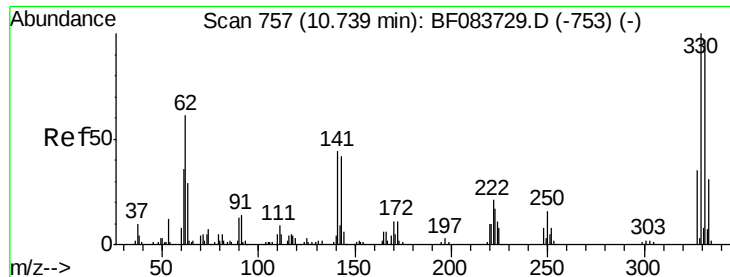


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

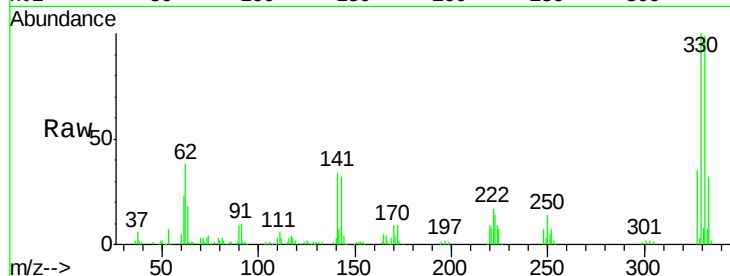




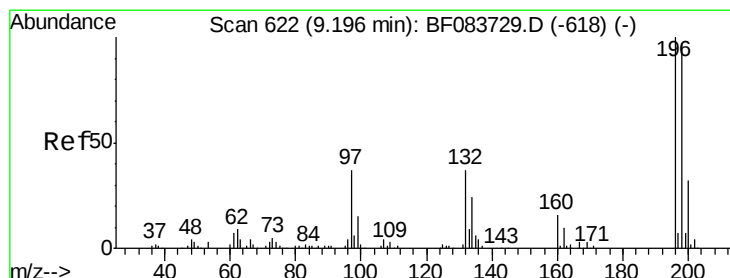
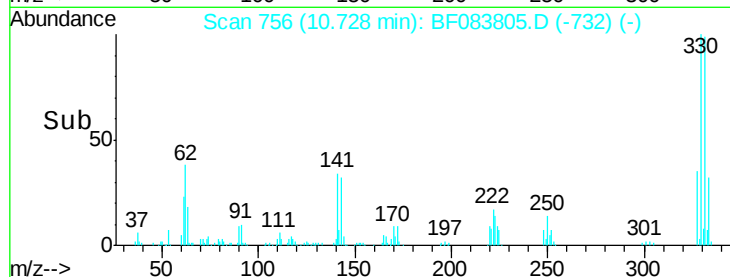
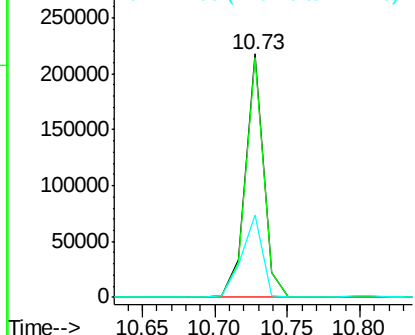
#41
 2,4,6-Tribromophenol
 Concen: 95.04 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	0.0	0.0#
141	38.4	0.0	0.0#

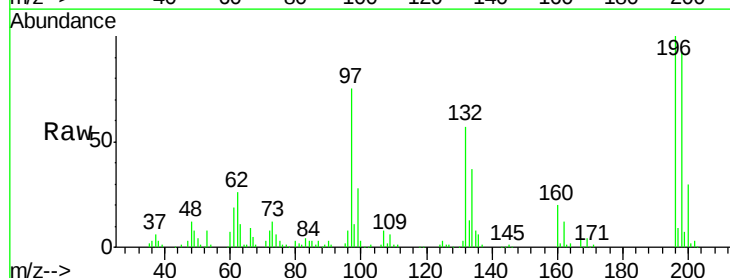


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

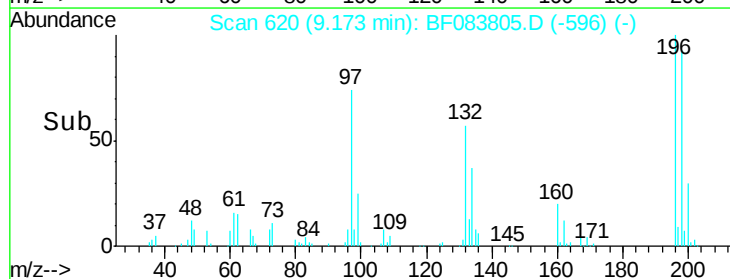
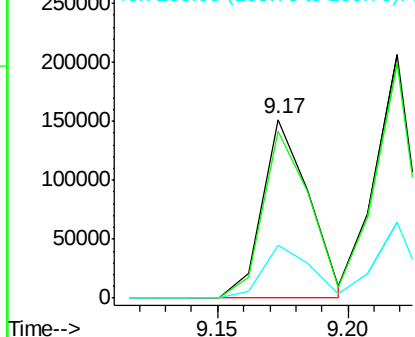


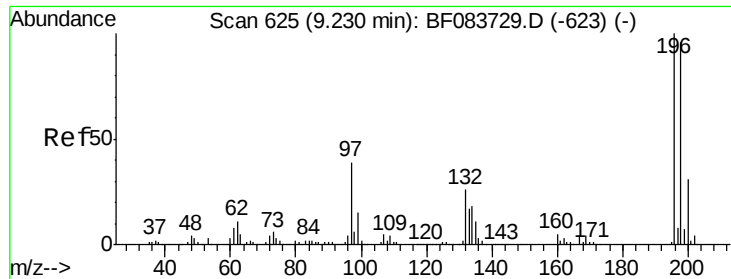
#42
 2,4,6-Trichlorophenol
 Concen: 44.41 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.2	75.2	112.8
200	29.6	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

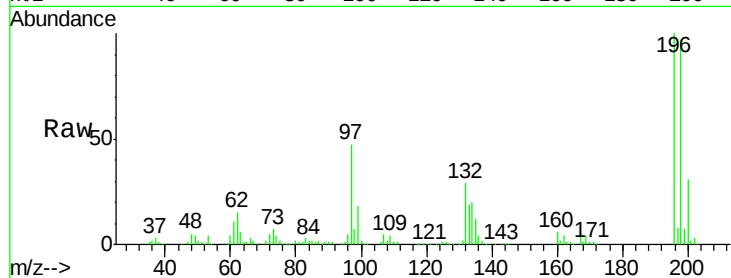




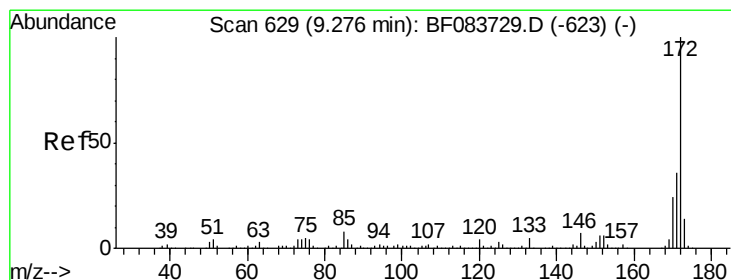
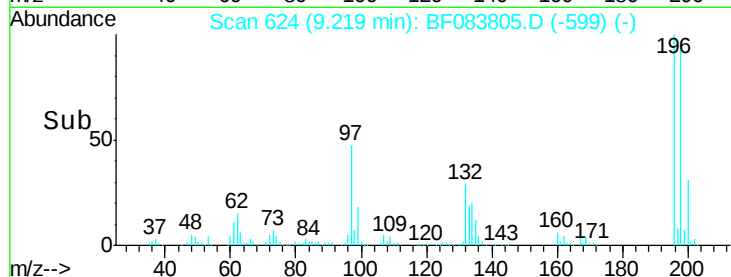
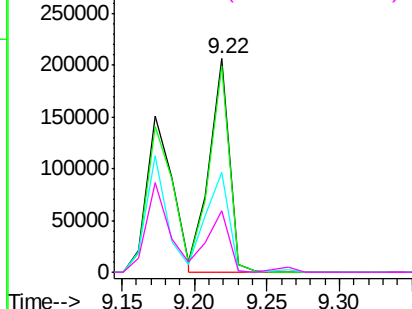
#43
 2,4,5-Trichlorophenol
 Concen: 49.30 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

Tot Ion:196 Resp: 197777
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.7 116.5
 97 46.7 41.2 61.8
 132 29.0 21.8 32.8

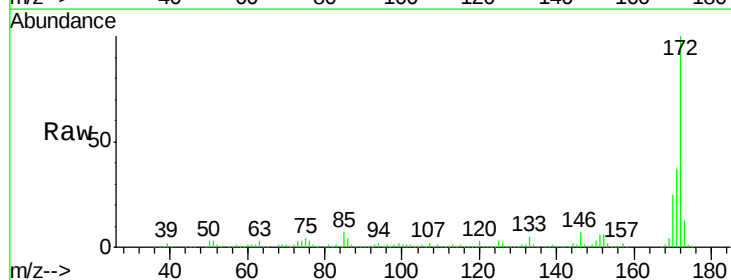


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

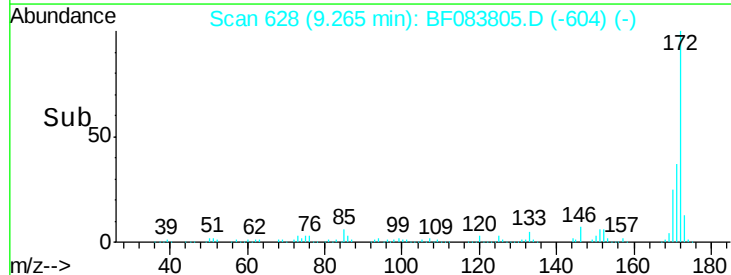
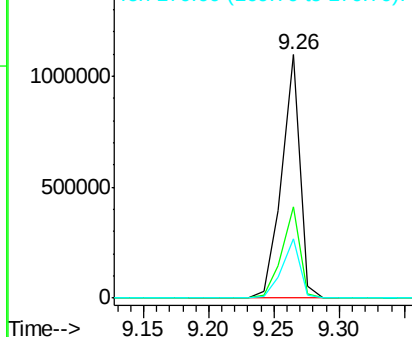


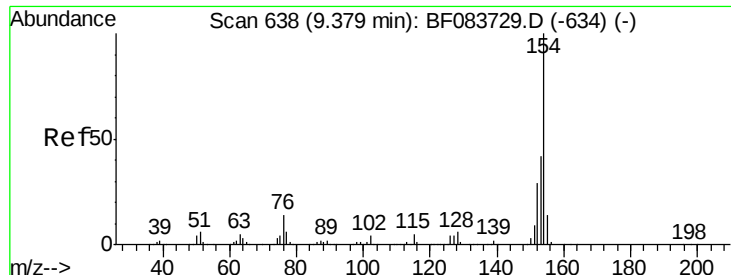
#44
 2-Fluorobiphenyl
 Concen: 79.65 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Tgt Ion:172 Resp: 1085388
 Ion Ratio Lower Upper
 172 100
 171 37.3 28.6 42.8
 170 24.5 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: 43.27 ng

RT: 9.37 min Scan# 637

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

ClientSampleId :

PB87256BS

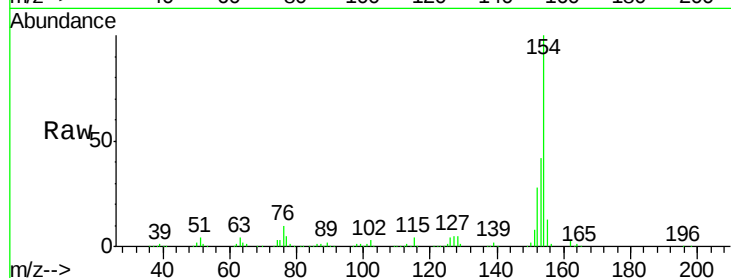
Tot Ion:154 Resp: 751042

Ion Ratio Lower Upper

154 100

153 41.7 20.2 60.2

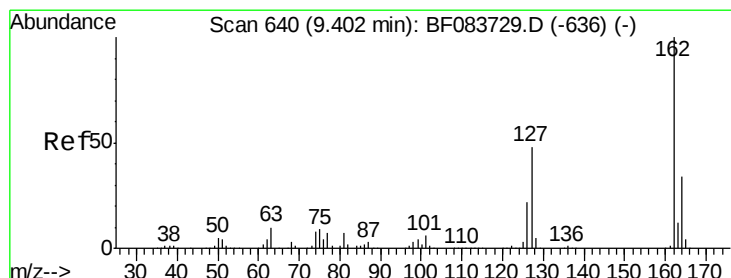
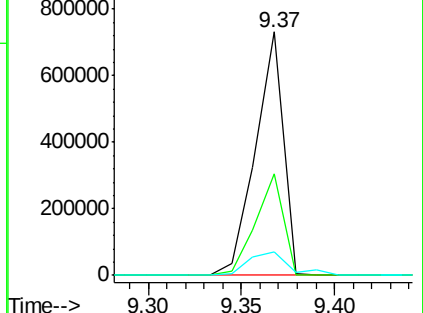
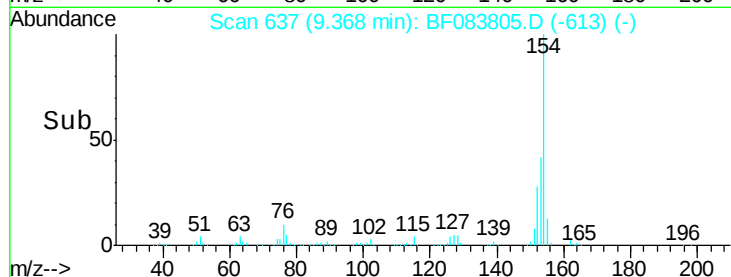
76 9.8 0.0 34.8



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: 45.16 ng

RT: 9.39 min Scan# 639

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

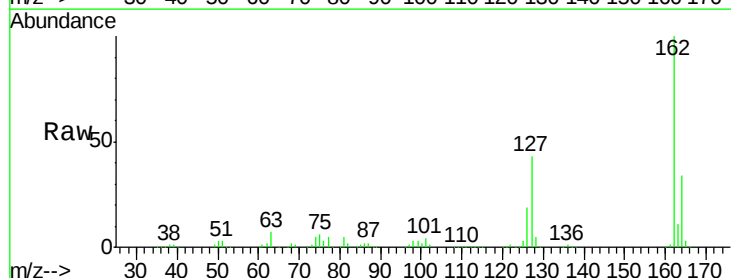
Tgt Ion:162 Resp: 578648

Ion Ratio Lower Upper

162 100

127 42.9 31.0 46.4

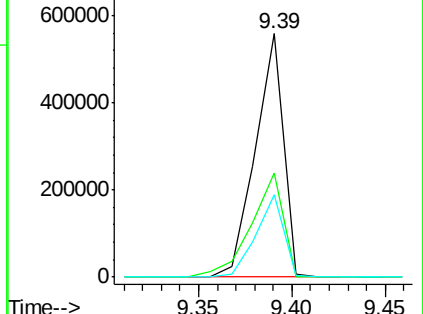
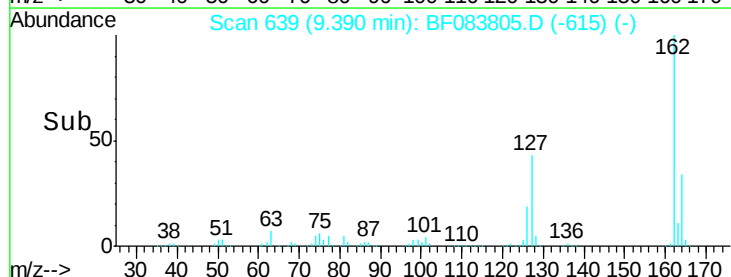
164 33.6 27.4 41.0

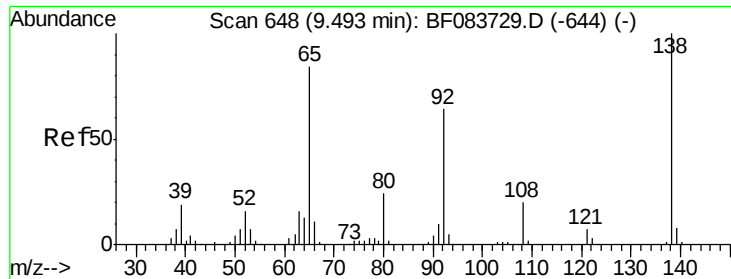


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

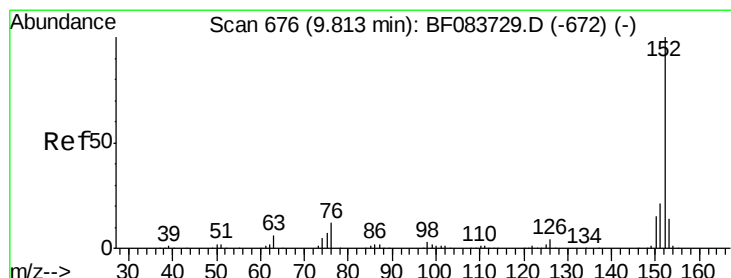
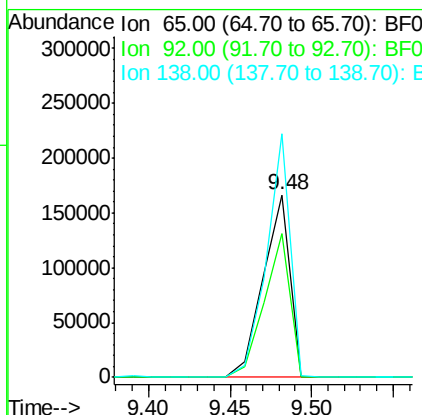
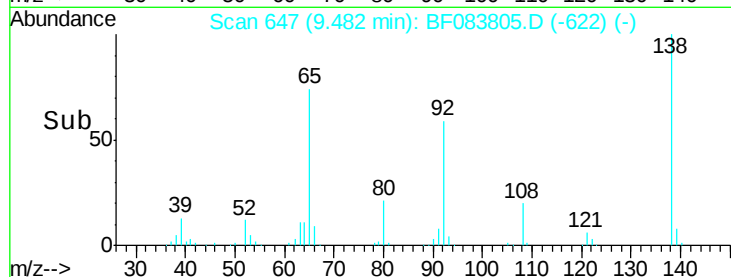
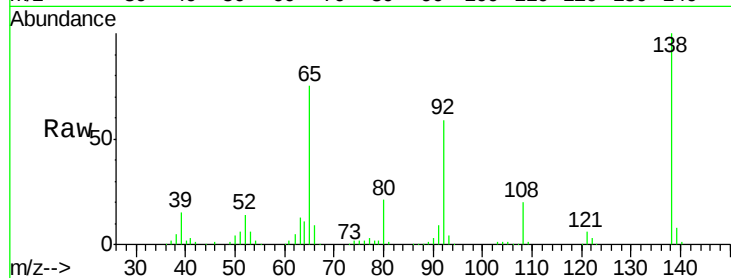




#47
 2-Nitroaniline
 Concen: 52.38 ng
 RT: 9.48 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

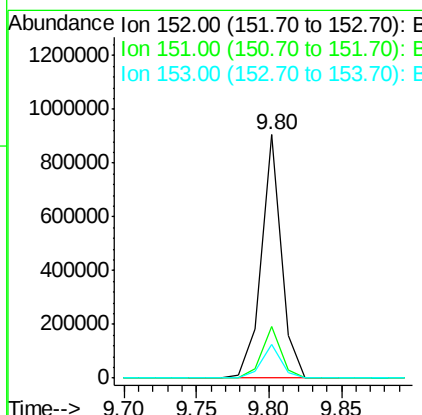
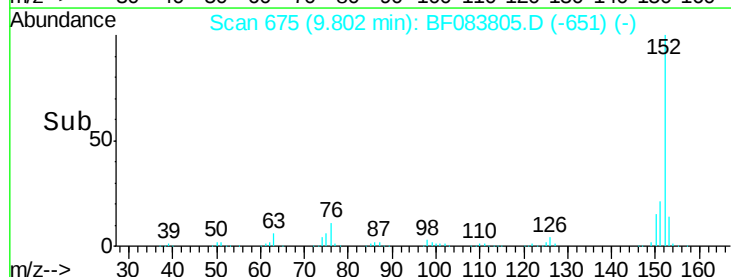
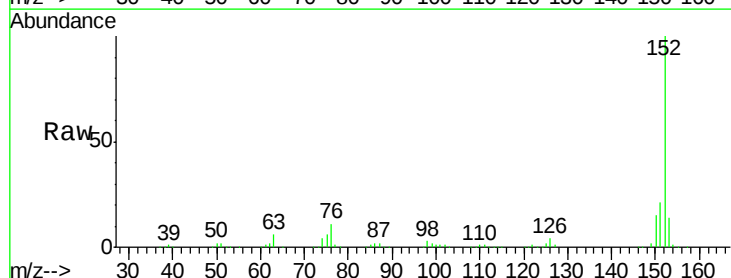
Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

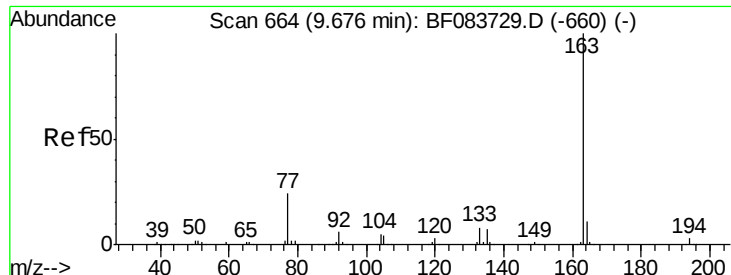
Tot Ion: 65 Resp: 190344
 Ion Ratio Lower Upper
 65 100
 92 78.8 49.6 74.4#
 138 133.6 64.1 96.1#



#48
 Acenaphthylene
 Concen: 40.15 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Tgt Ion: 152 Resp: 865602
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.3 24.5
 153 13.8 10.8 16.2

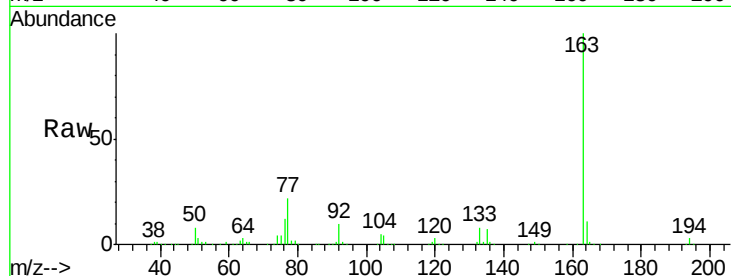




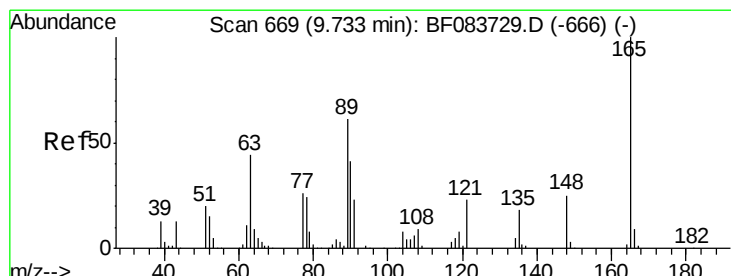
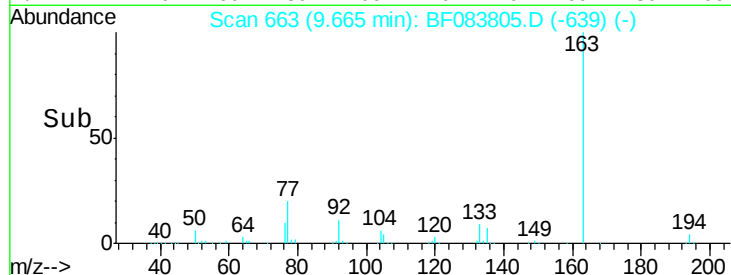
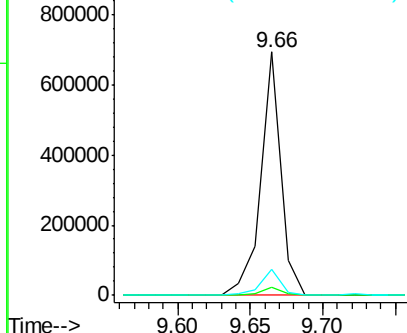
#49
Dimethylphthalate
Concen: 43.54 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.7	8.6	13.0

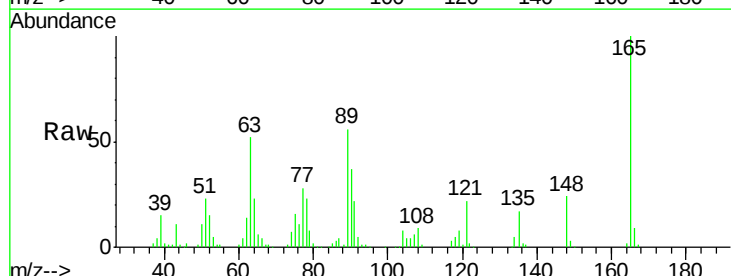


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

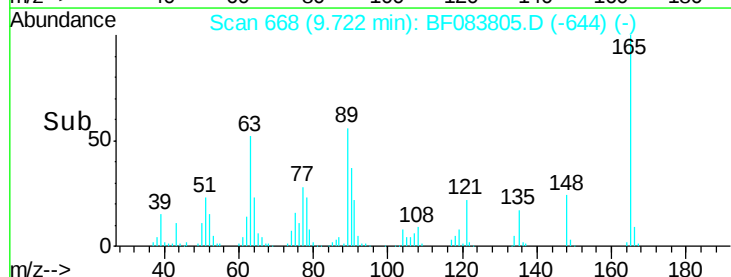
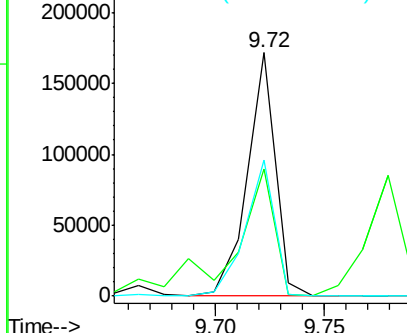


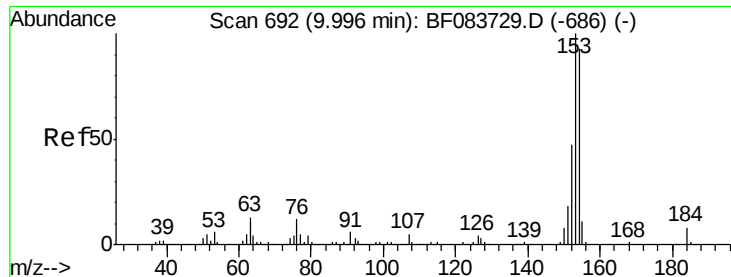
#50
2,6-Dinitrotoluene
Concen: 47.35 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.4	56.9	85.3#
89	56.1	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: 47.37 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

ClientSampleId :

PB87256BS

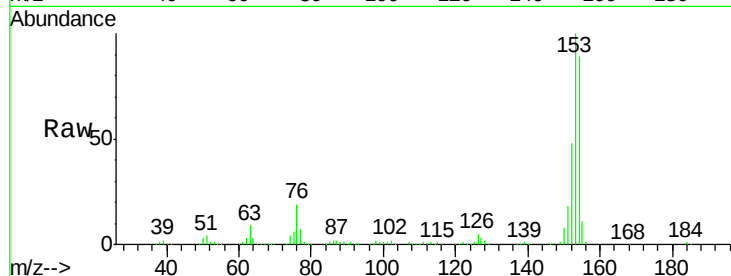
Tot Ion:154 Resp: 617295

Ion Ratio Lower Upper

154 100

153 112.6 91.4 137.0

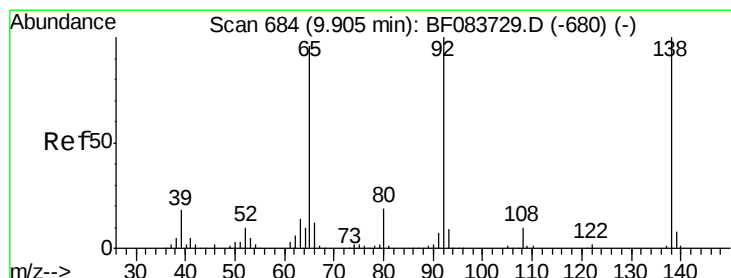
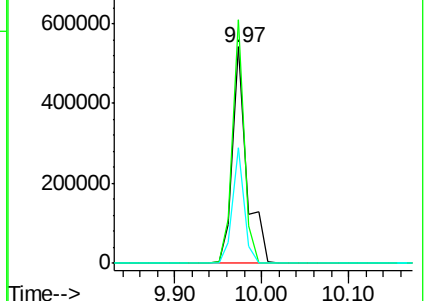
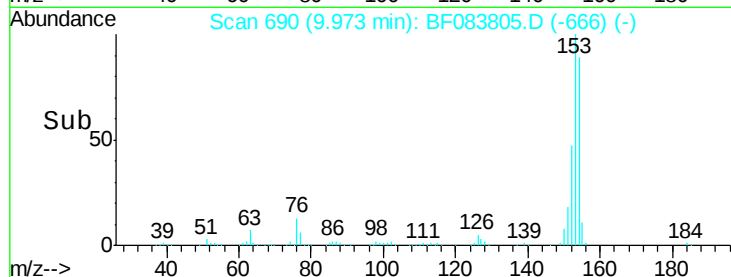
152 53.6 43.4 65.2



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: 24.89 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

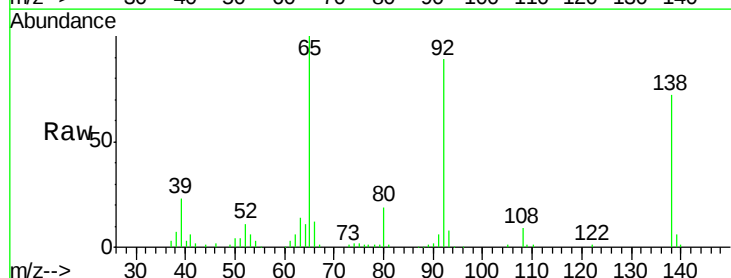
Tgt Ion:138 Resp: 93003

Ion Ratio Lower Upper

138 100

108 11.9 9.9 14.9

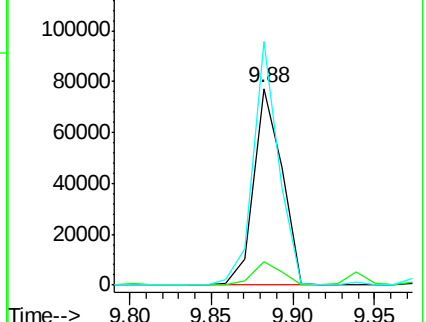
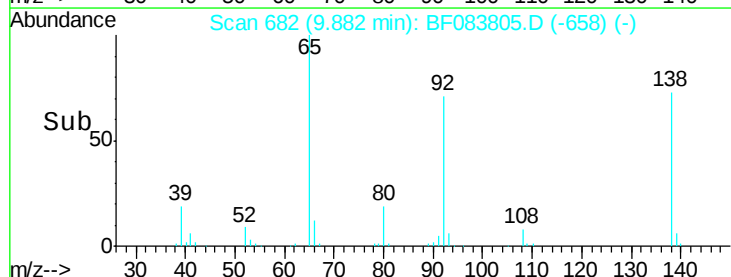
92 123.8 113.8 170.8

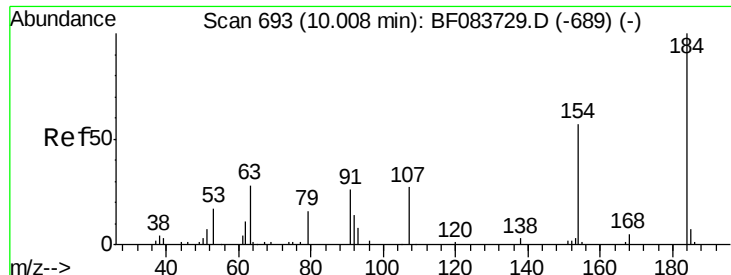


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

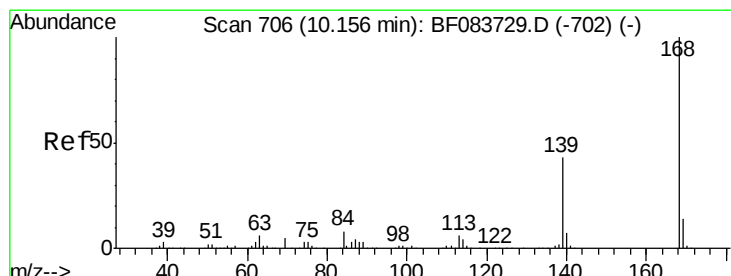
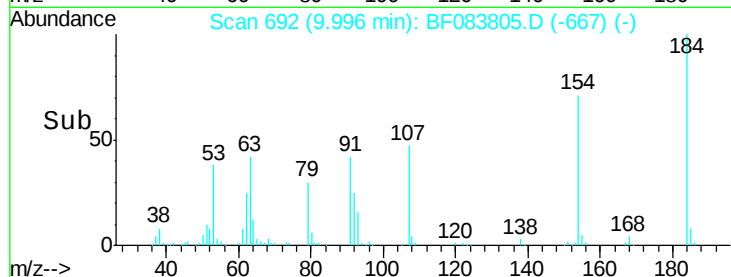
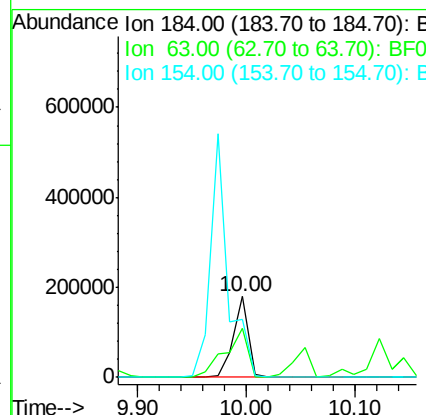
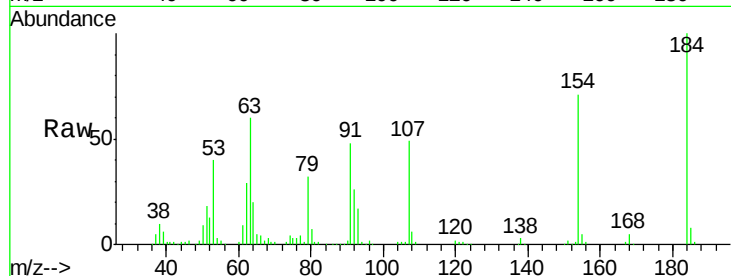




#53
 2,4-Dinitrophenol
 Concen: 91.59 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

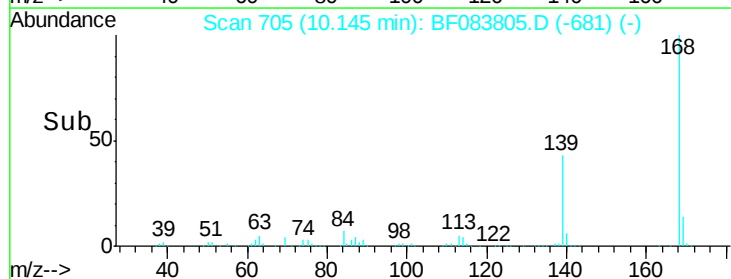
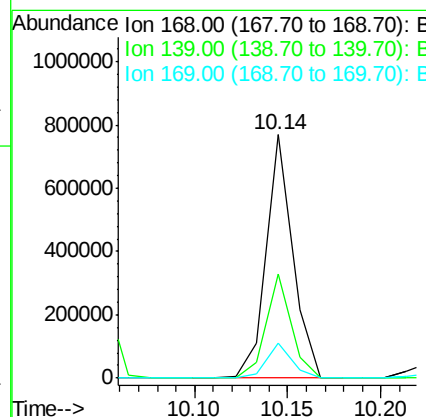
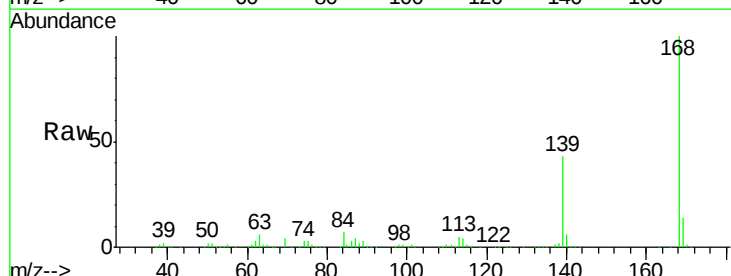
Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

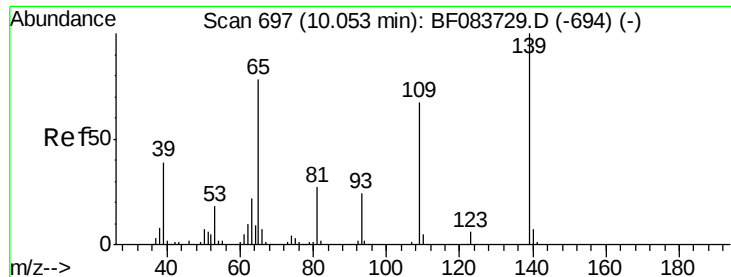
Tot Ion:184 Resp: 171681
 Ion Ratio Lower Upper
 184 100
 63 59.9 62.4 93.6#
 154 71.1 46.6 69.8#



#54
 Dibenzofuran
 Concen: 43.71 ng
 RT: 10.14 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Tgt Ion:168 Resp: 754732
 Ion Ratio Lower Upper
 168 100
 139 42.9 28.0 42.0#
 169 14.1 10.8 16.2

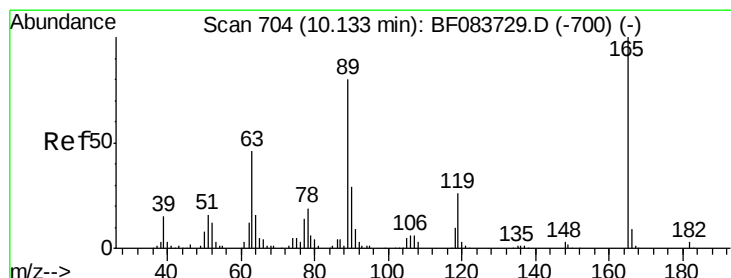
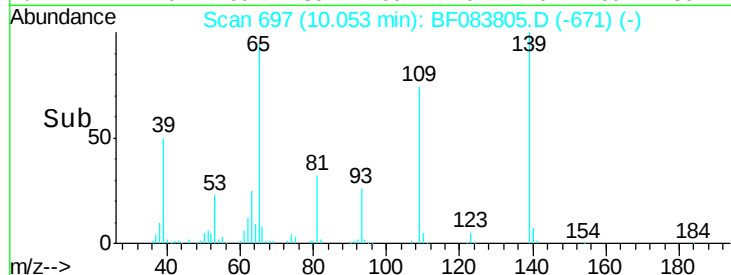
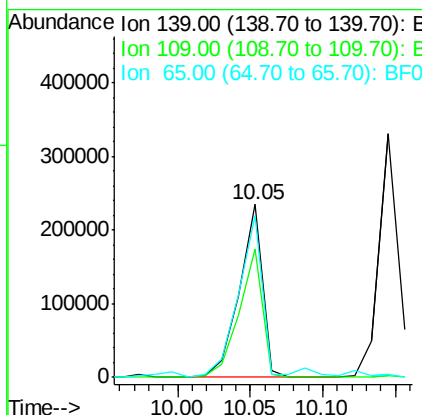
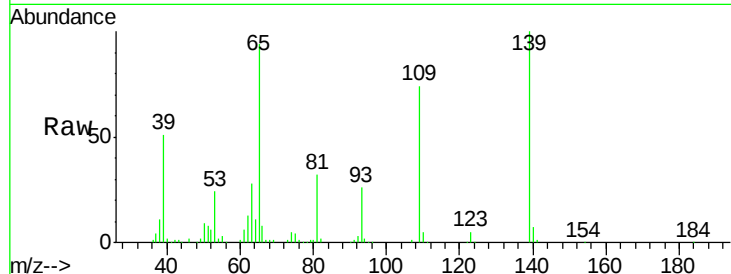




#55
4-Nitrophenol
Concen: 95.00 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

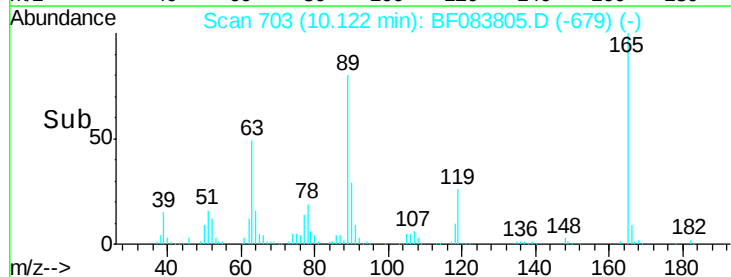
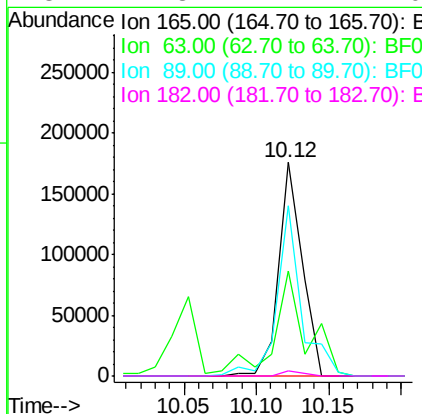
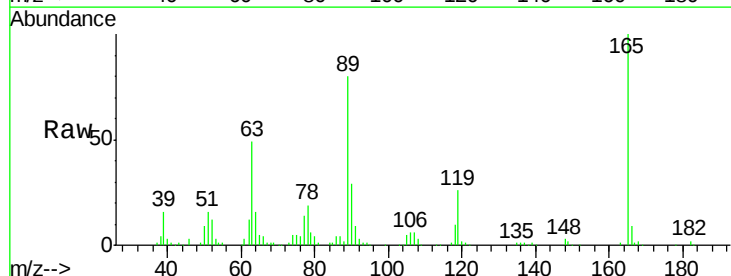
Instrument :
BNA_F
ClientSampleId :
PB87256BS

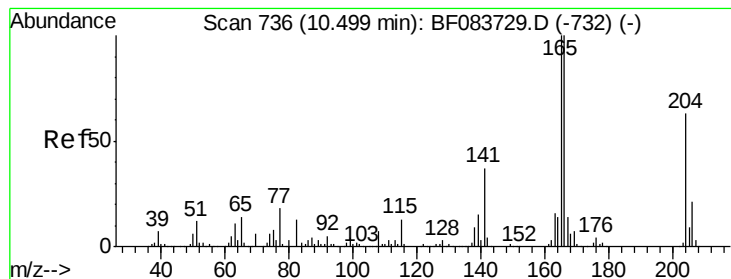
Tot Ion:139 Resp: 262838
Ion Ratio Lower Upper
139 100
109 74.2 42.0 82.0
65 93.9 89.2 129.2



#56
2,4-Dinitrotoluene
Concen: 46.72 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion:165 Resp: 197798
Ion Ratio Lower Upper
165 100
63 49.0 51.4 77.2#
89 80.0 72.6 108.8
182 2.3 1.4 2.0#





#57

Fluorene

Concen: 42.02 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

ClientSampleId :

PB87256BS

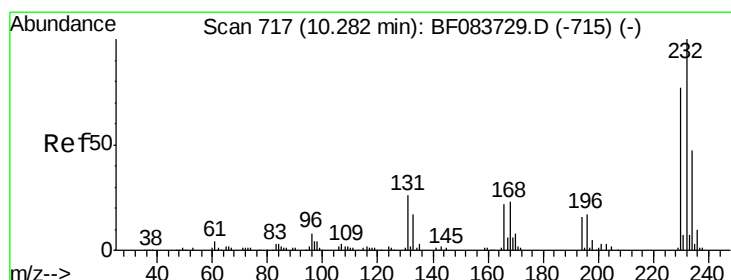
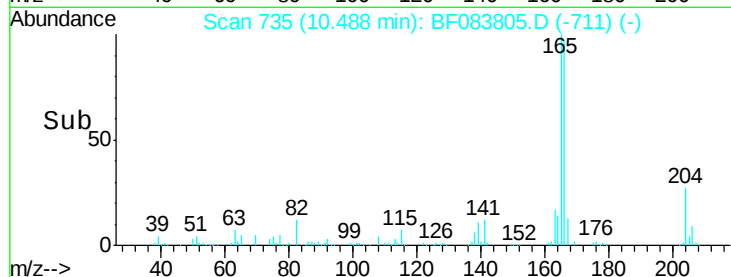
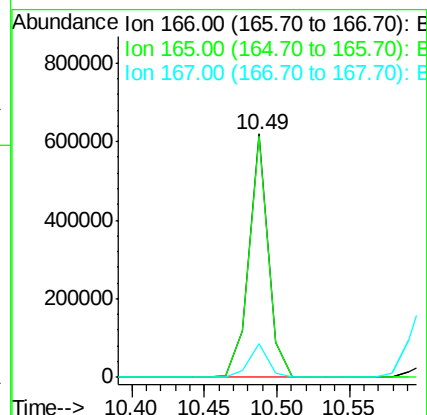
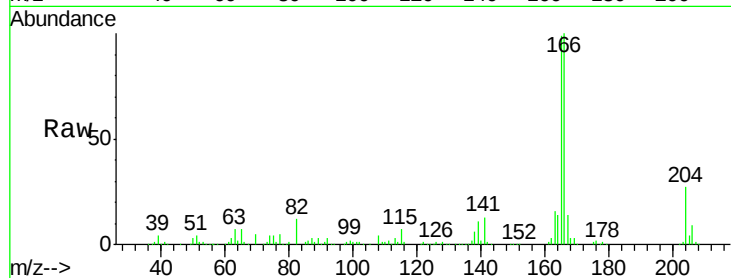
Tot Ion:166 Resp: 571355

Ion Ratio Lower Upper

166 100

165 99.2 80.0 120.0

167 14.0 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.48 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Tgt Ion:232 Resp: 154908

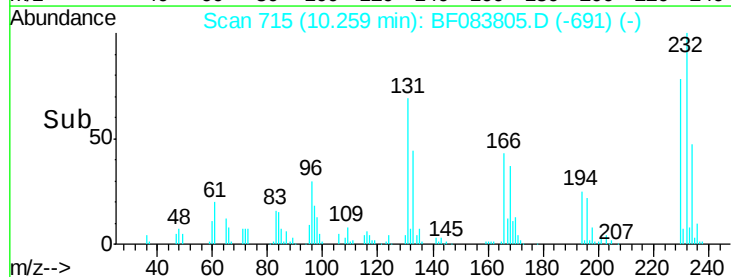
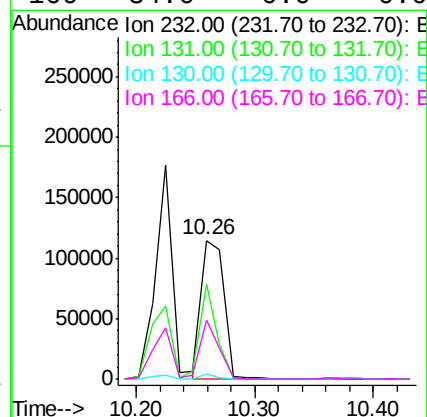
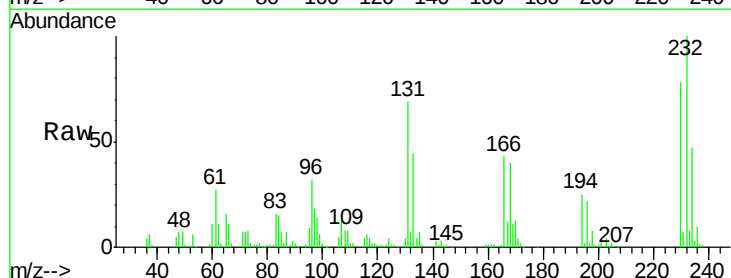
Ion Ratio Lower Upper

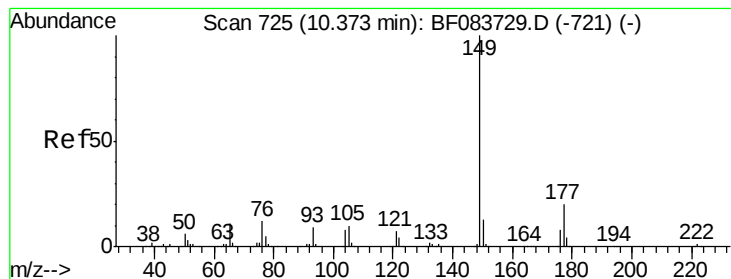
232 100

131 50.8 0.0 0.0#

130 2.4 0.0 0.0#

166 34.6 0.0 0.0#





#59

Diethylphthalate

Concen: 43.42 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

ClientSampleId :

PB87256BS

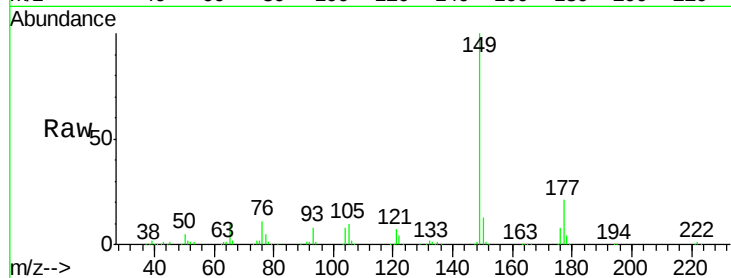
Tot Ion:149 Resp: 671267

Ion Ratio Lower Upper

149 100

177 20.5 16.9 25.3

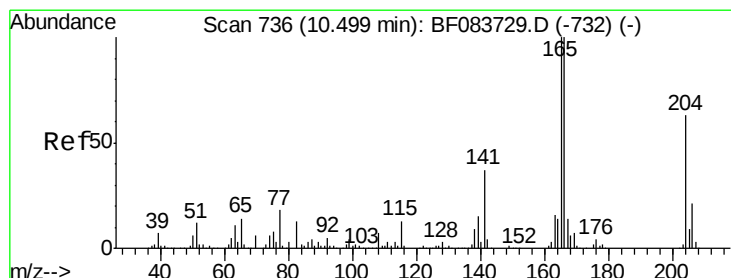
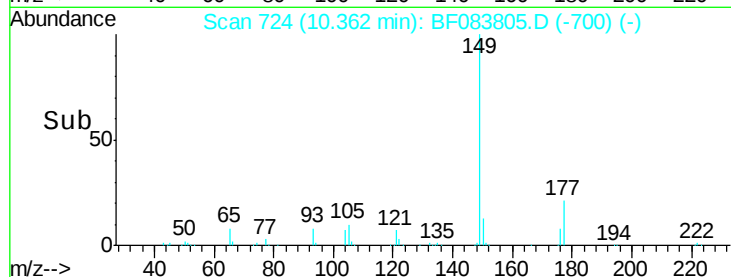
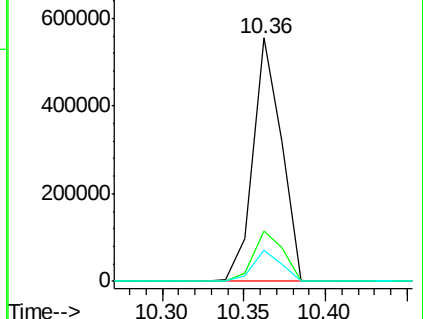
150 12.9 10.2 15.4



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: 42.33 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

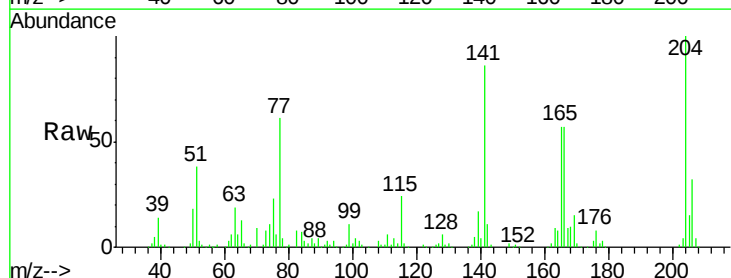
Tgt Ion:204 Resp: 262493

Ion Ratio Lower Upper

204 100

206 32.5 27.3 40.9

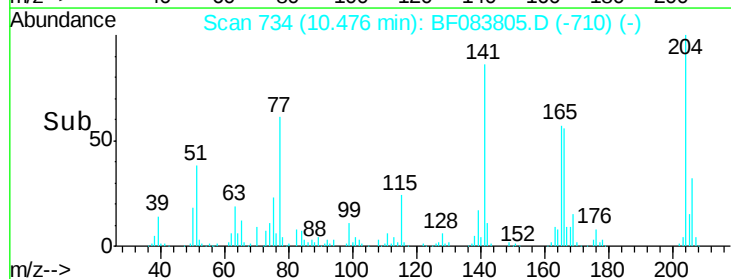
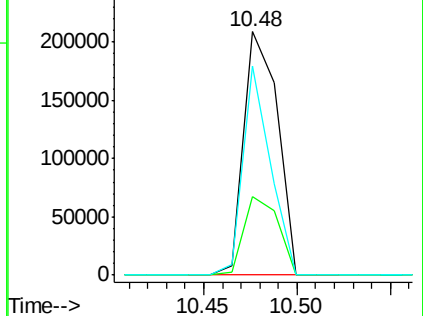
141 85.8 51.9 77.9#

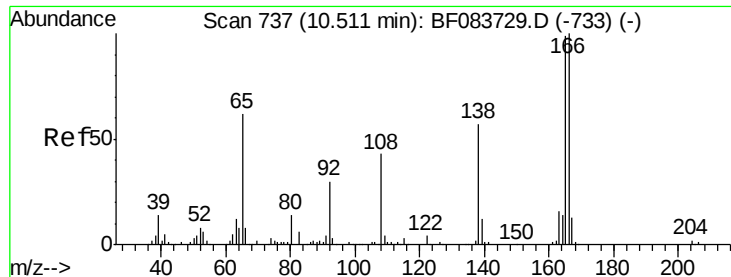


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

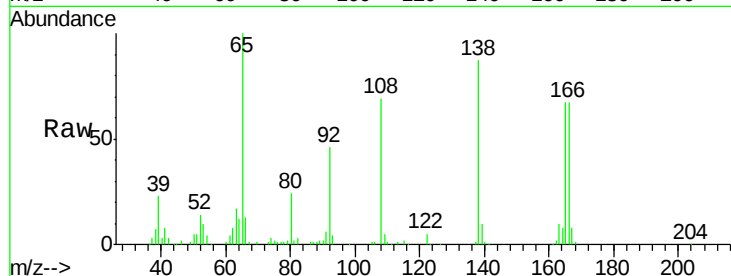




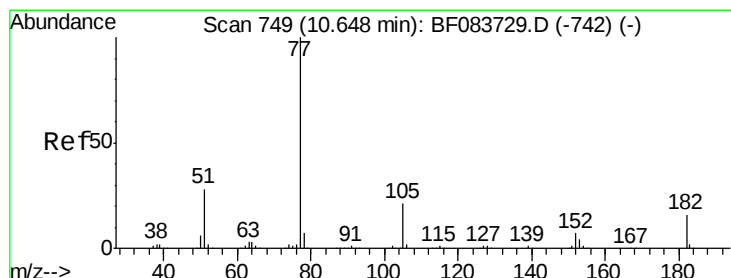
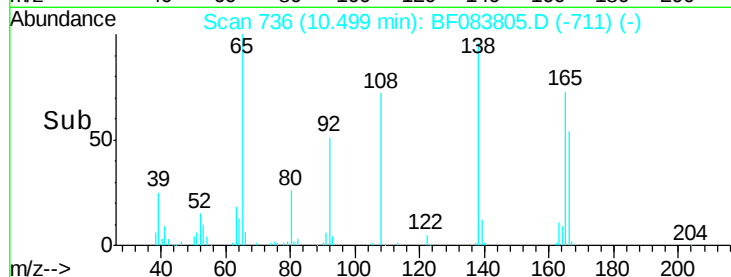
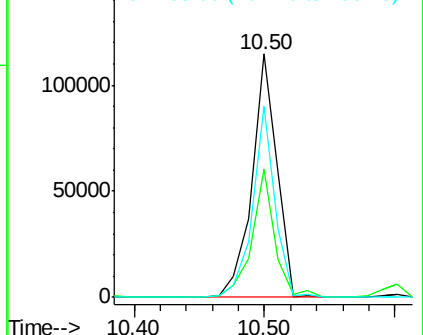
#61
4-Nitroaniline
Concen: 46.23 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

Tot Ion:138 Resp: 152243
Ion Ratio Lower Upper
138 100
92 52.9 29.0 69.0
108 78.8 47.4 87.4

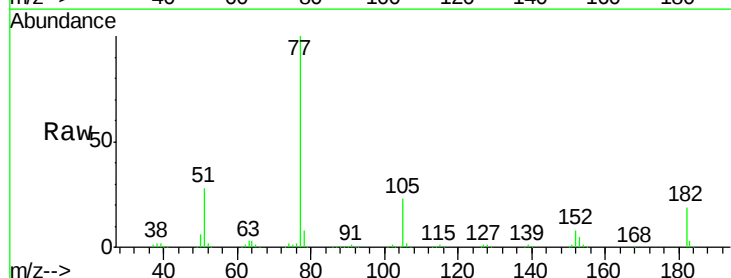


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

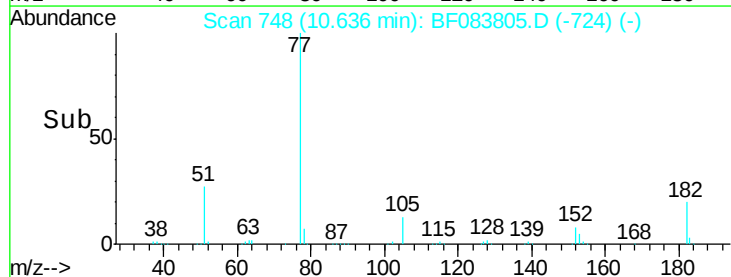
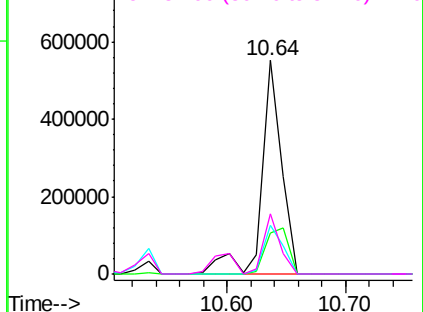


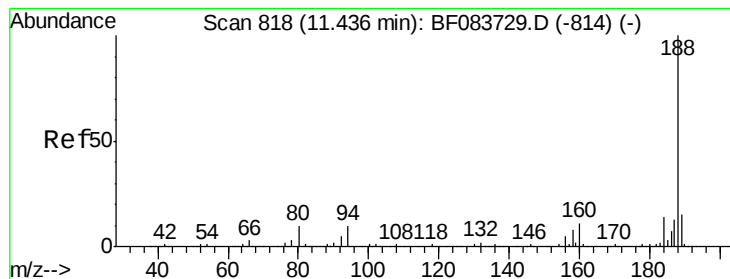
#62
Azobenzene
Concen: 46.31 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion: 77 Resp: 652606
Ion Ratio Lower Upper
77 100
182 18.9 2.5 42.5
105 23.0 2.1 42.1
51 28.0 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: 11.42 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

ClientSampleId :

PB87256BS

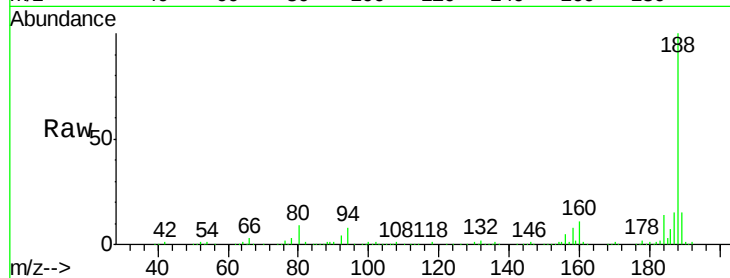
Tot Ion:188 Resp: 385486

Ion Ratio Lower Upper

188 100

94 8.2 9.4 14.2#

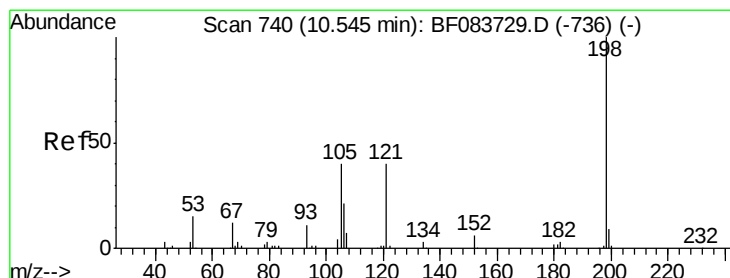
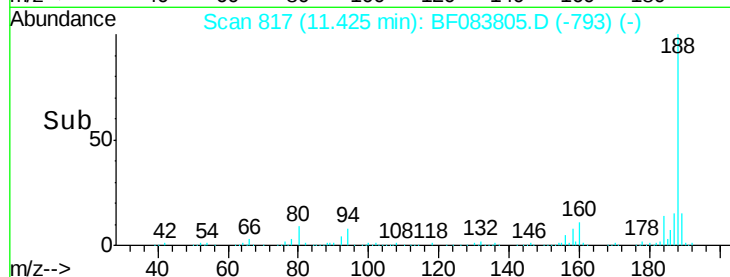
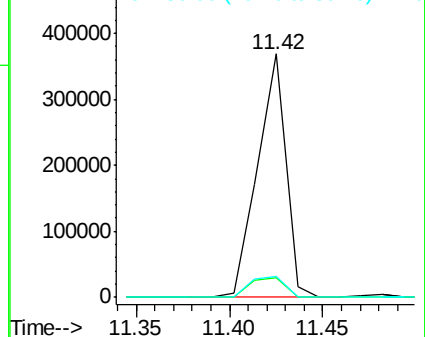
80 8.6 10.6 16.0#



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: 53.78 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

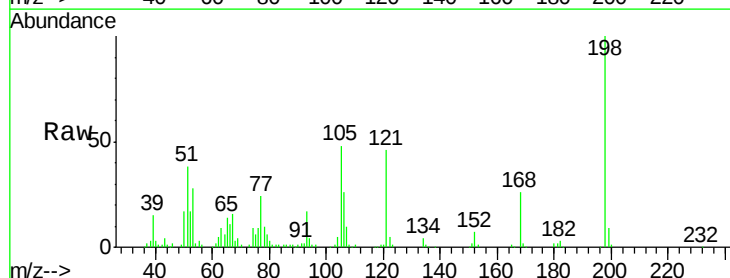
Tgt Ion:198 Resp: 117962

Ion Ratio Lower Upper

198 100

51 37.9 53.8 93.8#

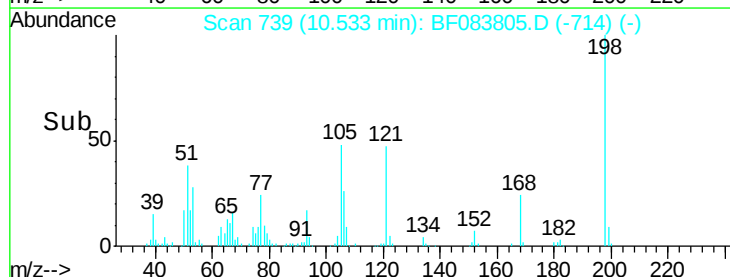
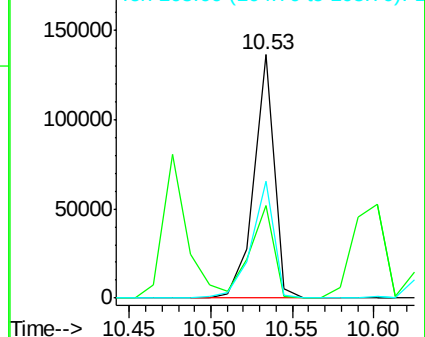
105 48.0 38.6 78.6

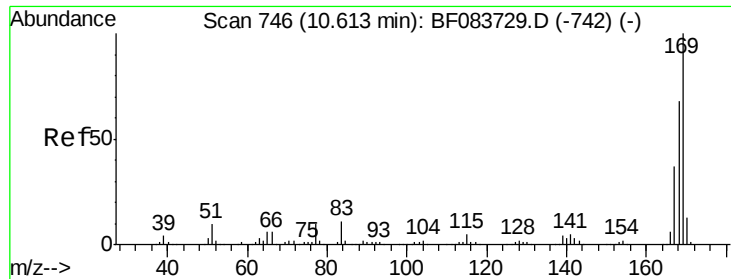


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

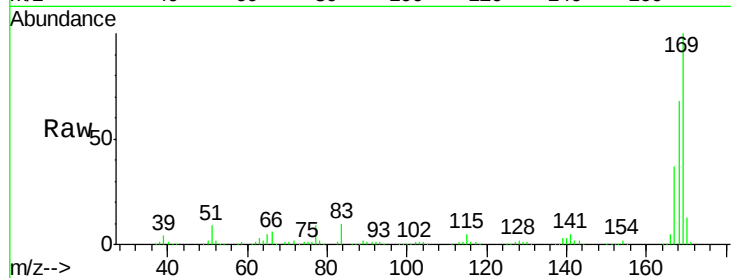




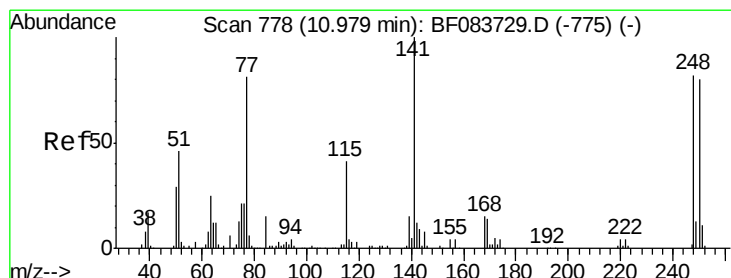
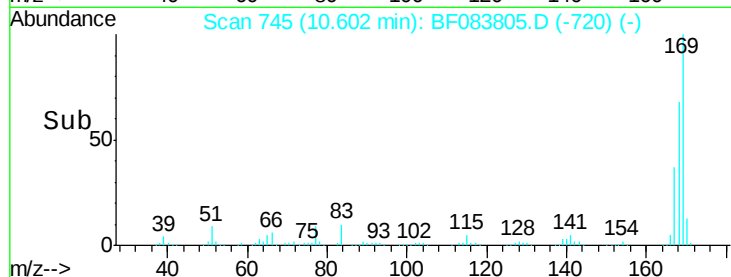
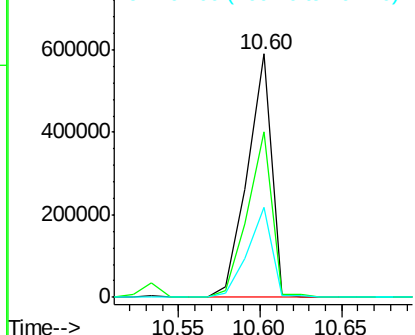
#65
n-Nitrosodiphenylamine
Concen: 46.12 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

Tot Ion:169 Resp: 608046
Ion Ratio Lower Upper
169 100
168 68.0 53.0 79.6
167 37.2 29.3 43.9

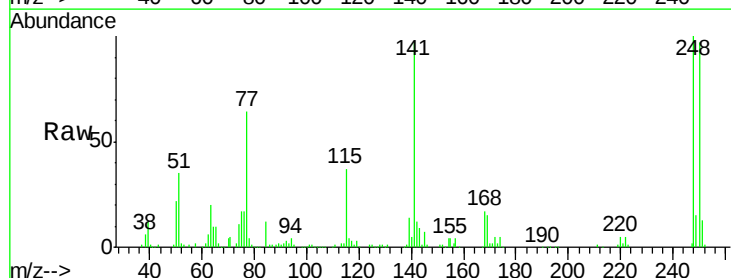


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

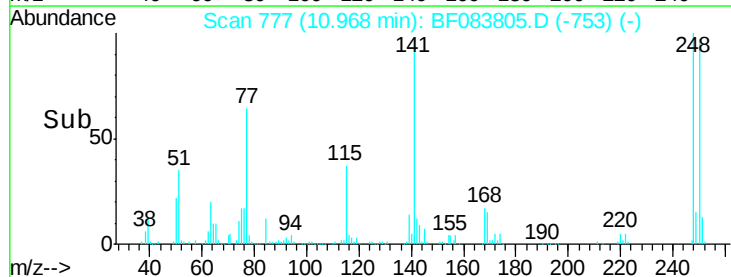
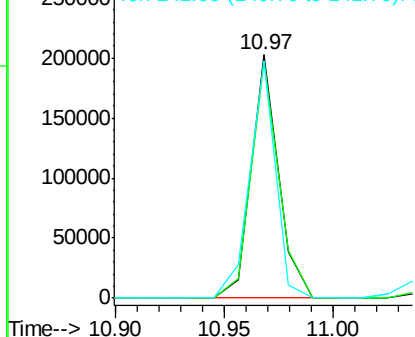


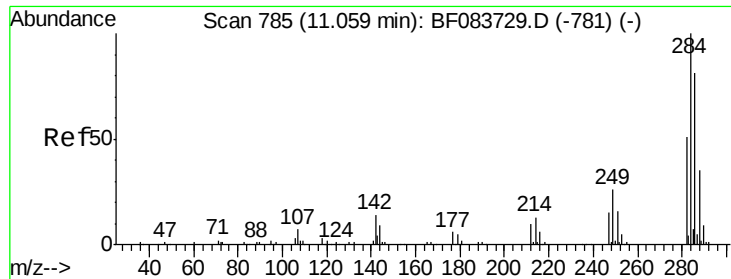
#66
4-Bromophenyl-phenylether
Concen: 40.94 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion:248 Resp: 176468
Ion Ratio Lower Upper
248 100
250 97.2 79.2 118.8
141 97.4 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

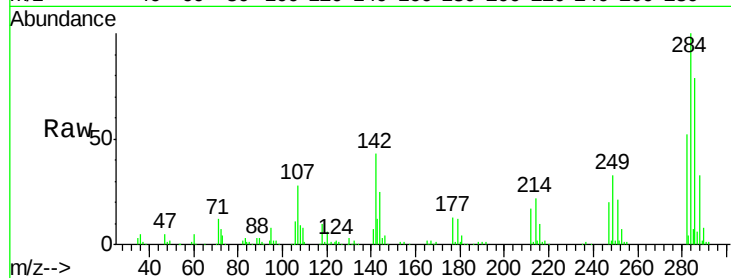




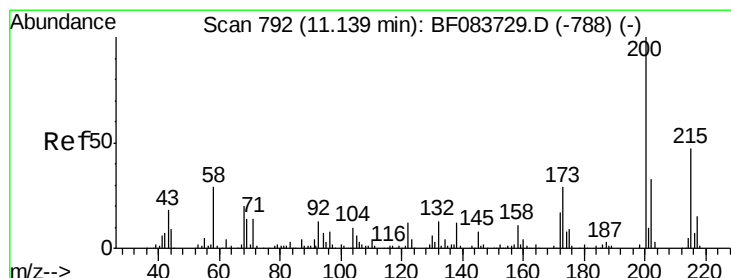
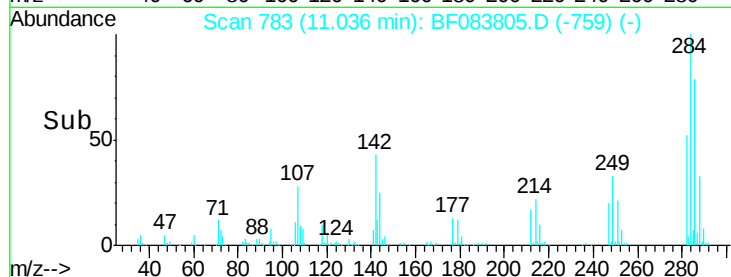
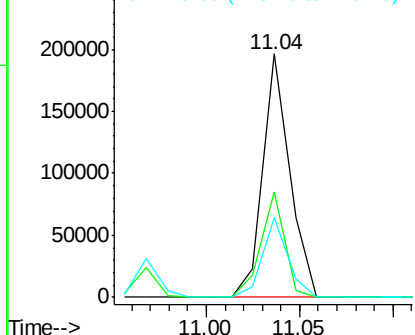
#67
Hexachlorobenzene
Concen: 41.73 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

Tot Ion:284 Resp: 194633
Ion Ratio Lower Upper
284 100
142 43.3 31.0 46.4
249 33.0 26.9 40.3

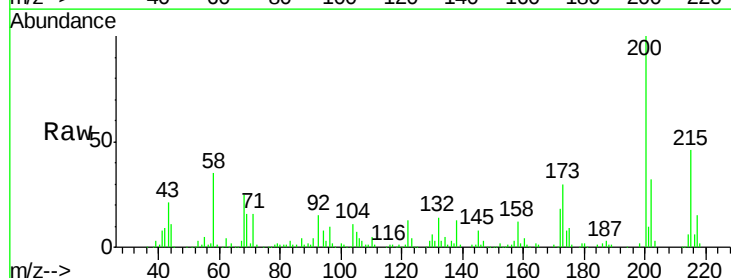


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

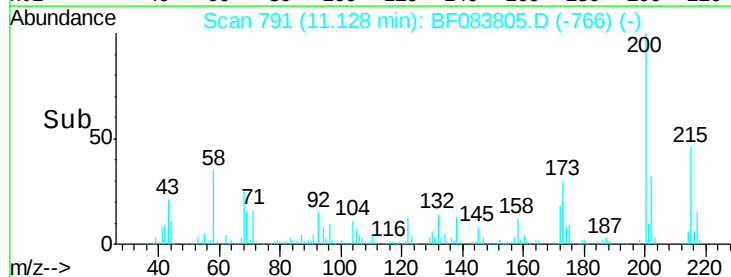
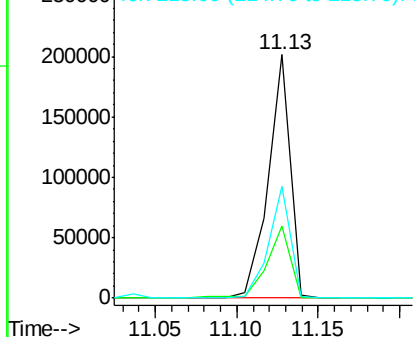


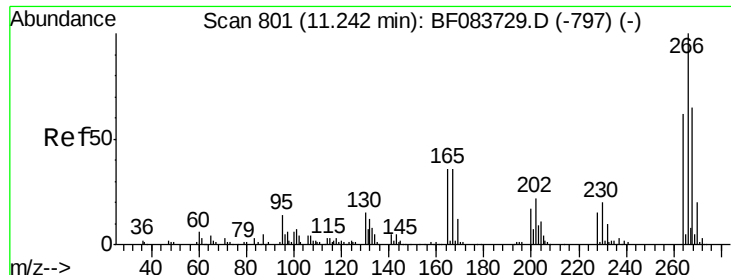
#68
Atrazine
Concen: 50.20 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion:200 Resp: 188319
Ion Ratio Lower Upper
200 100
173 29.8 7.8 47.8
215 46.0 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

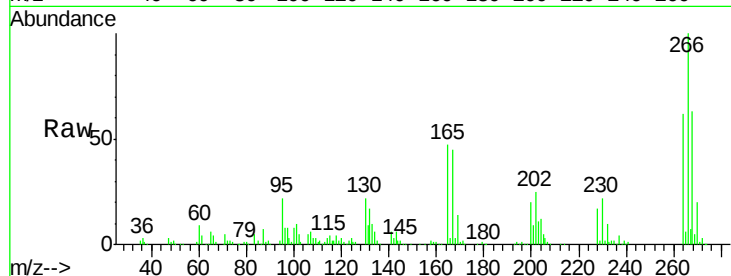




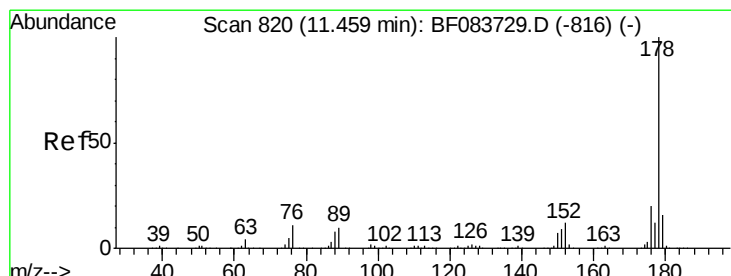
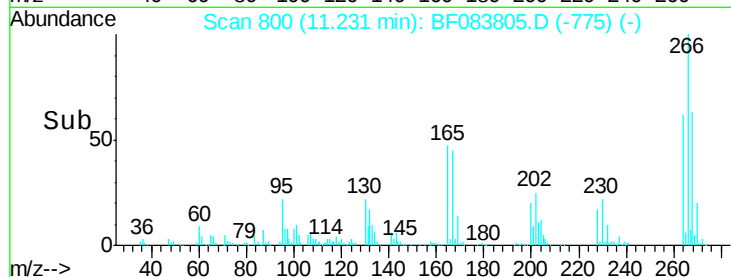
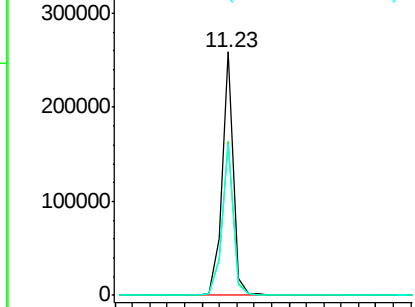
#69
 Pentachlorophenol
 Concen: 90.32 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

Tot Ion:266 Resp: 237579
 Ion Ratio Lower Upper
 266 100
 268 63.3 50.2 75.2
 264 62.1 51.4 77.2

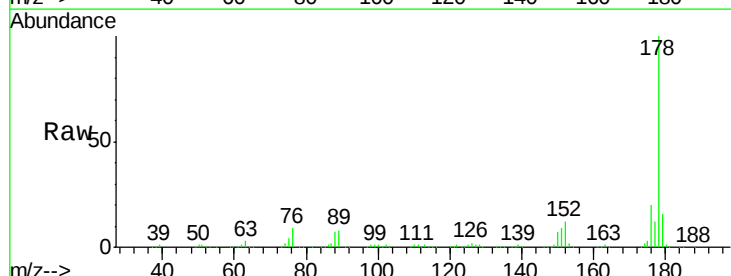


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

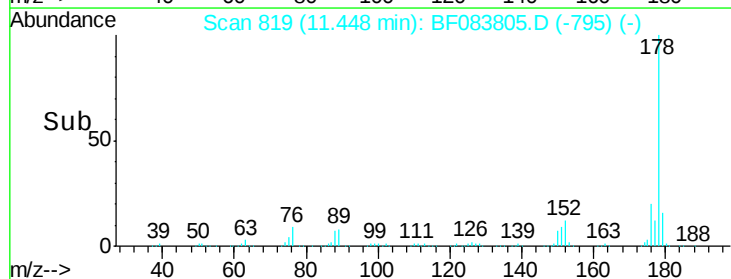
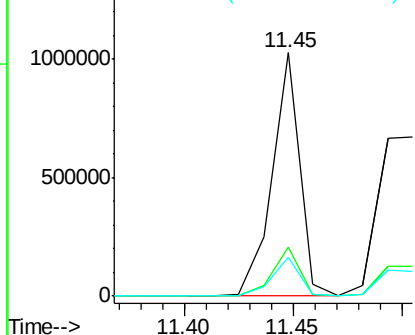


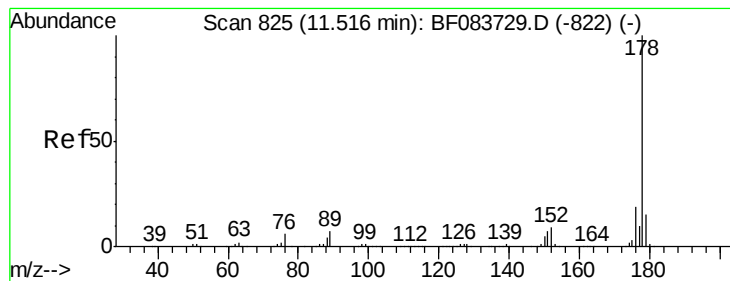
#70
 Phenanthrene
 Concen: 44.81 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Tgt Ion:178 Resp: 917605
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.7 23.5
 179 15.9 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: 44.72 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

ClientSampleId :

PB87256BS

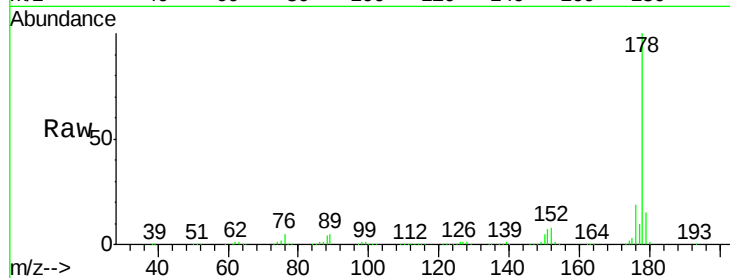
Tot Ion:178 Resp: 951196

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

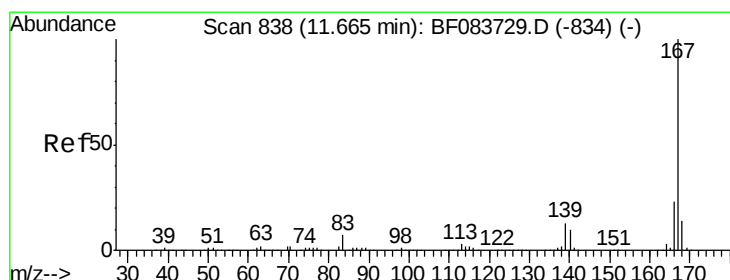
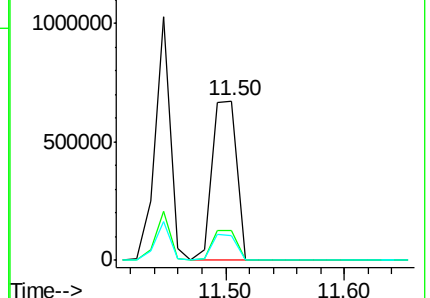
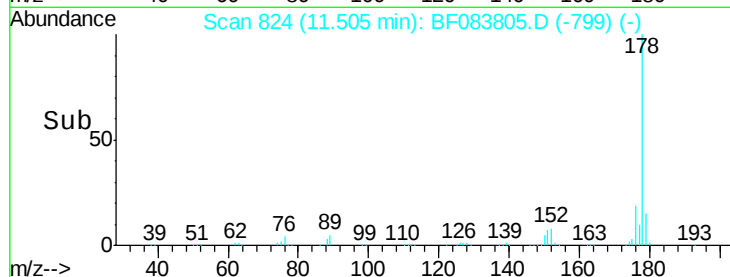
179 15.1 12.6 18.8



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: 49.76 ng

RT: 11.65 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

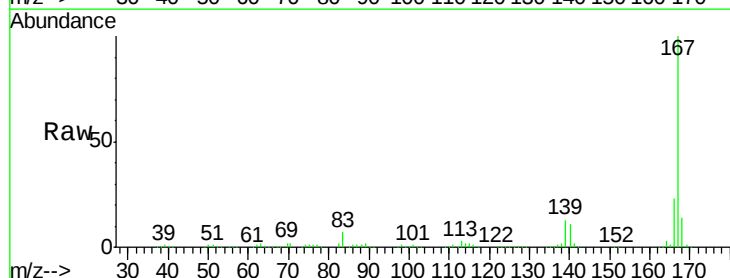
Tgt Ion:167 Resp: 986153

Ion Ratio Lower Upper

167 100

166 22.5 17.2 25.8

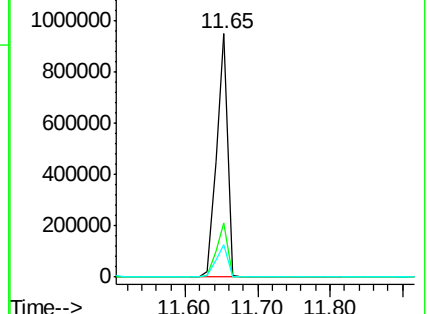
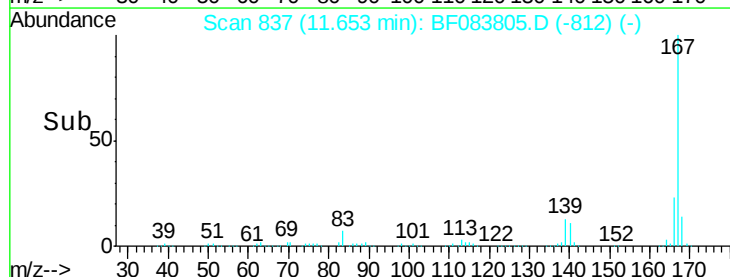
139 13.4 9.3 13.9

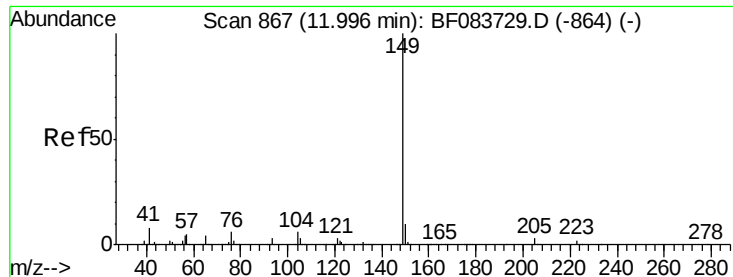


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.00 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

ClientSampleId :

PB87256BS

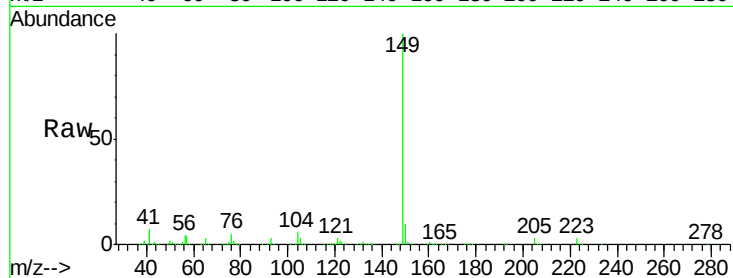
Tot Ion:149 Resp: 1010674

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

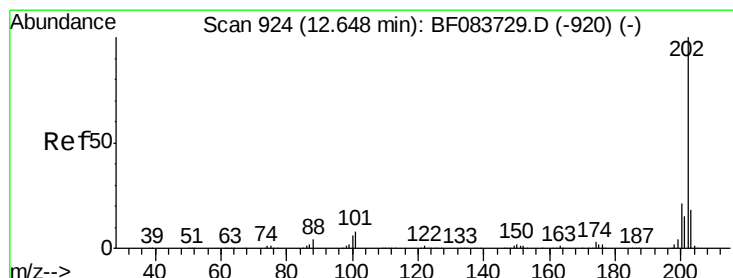
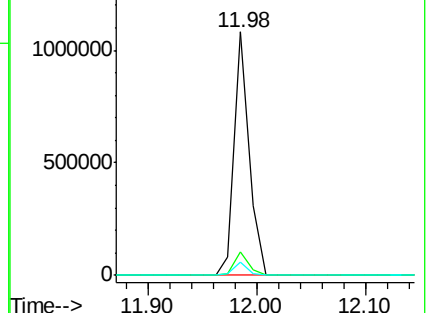
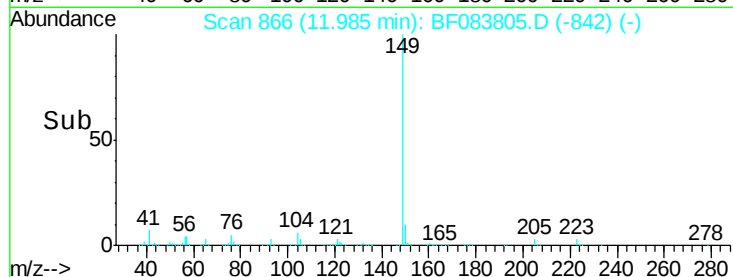
104 5.6 3.9 5.9



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: 50.32 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

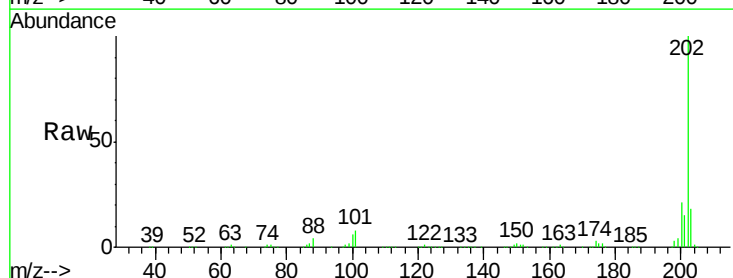
Tgt Ion:202 Resp: 1064709

Ion Ratio Lower Upper

202 100

101 8.2 0.0 31.5

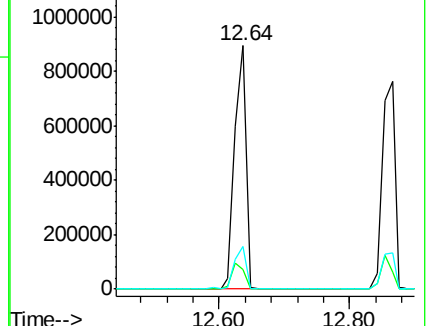
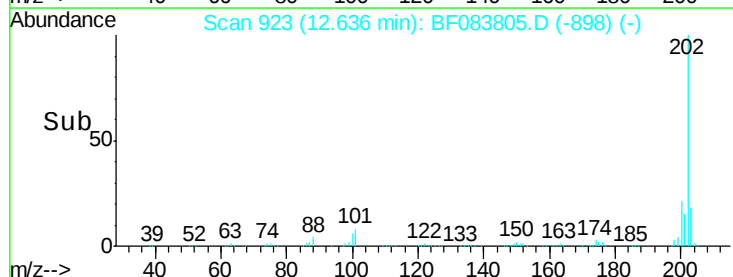
203 17.8 0.0 37.6

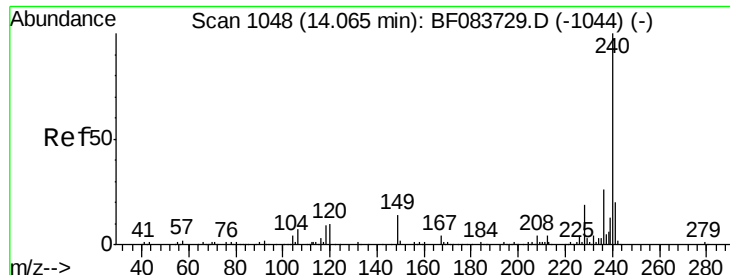


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

ClientSampleId :

PB87256BS

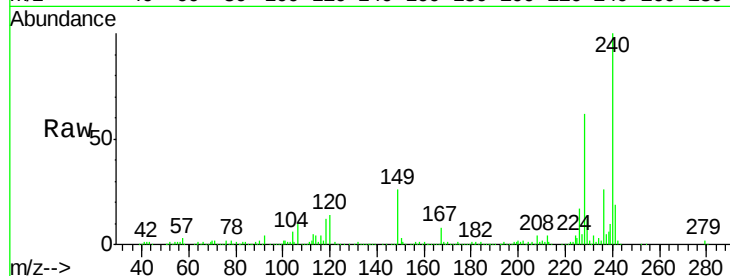
Tot Ion:240 Resp: 308010

Ion Ratio Lower Upper

240 100

120 13.9 8.1 12.1#

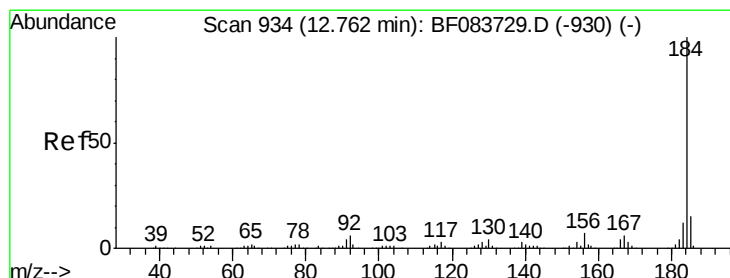
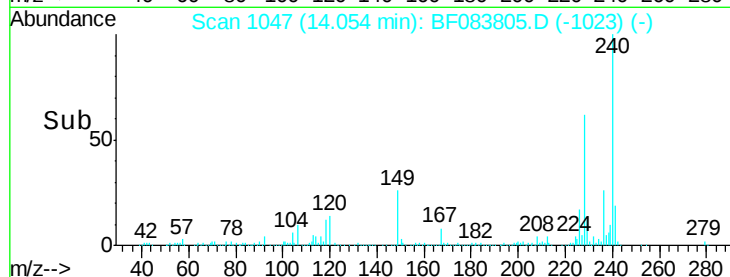
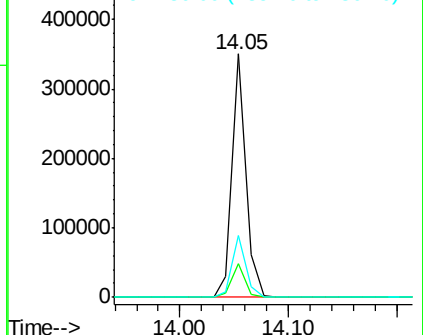
236 25.6 20.8 31.2



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: 34.21 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

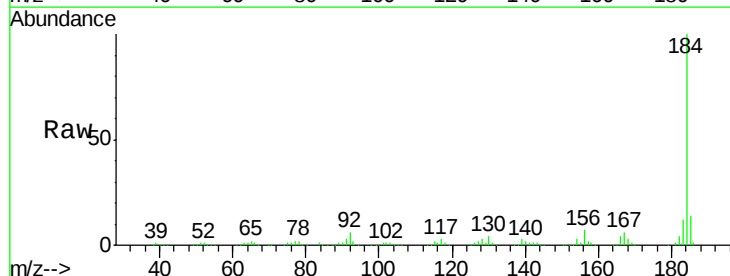
Tgt Ion:184 Resp: 321075

Ion Ratio Lower Upper

184 100

185 14.4 13.0 19.6

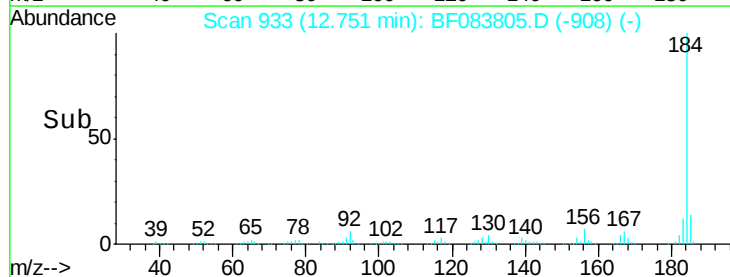
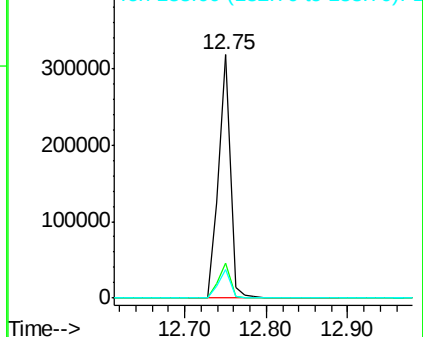
183 12.0 9.0 13.4

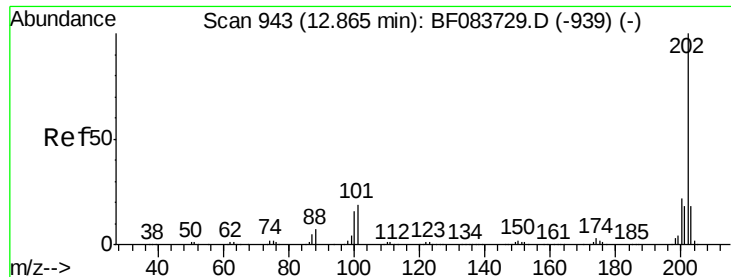


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

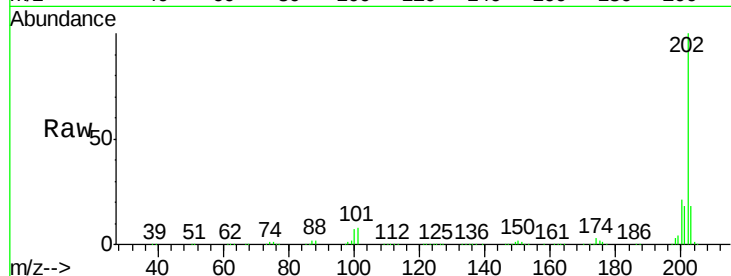




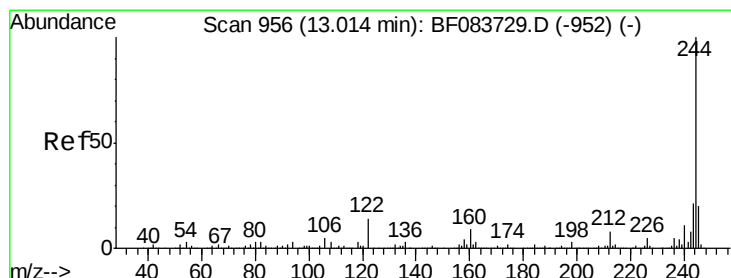
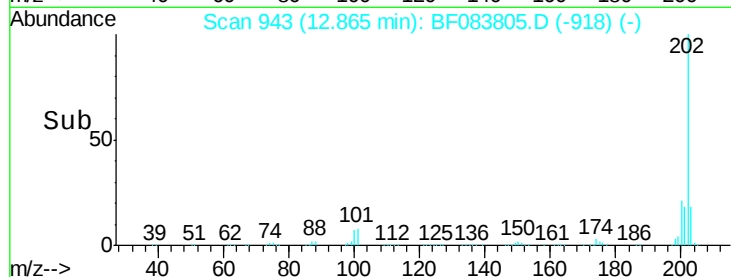
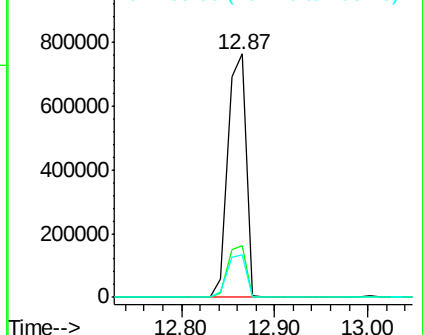
#77
Pvrene
Concen: 43.03 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

Tot Ion:202 Resp: 1047616
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 17.6 14.3 21.5

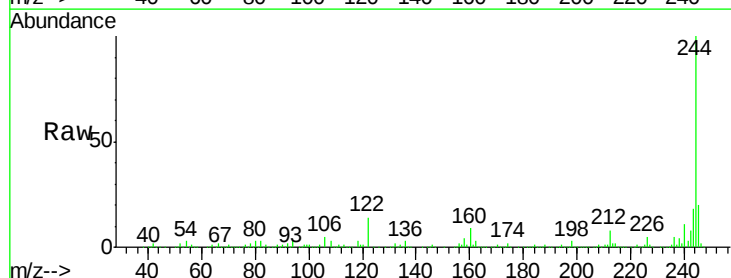


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

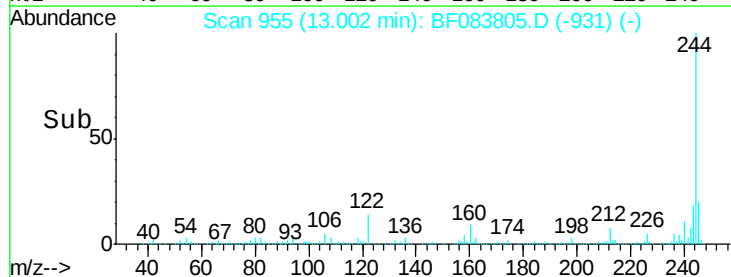
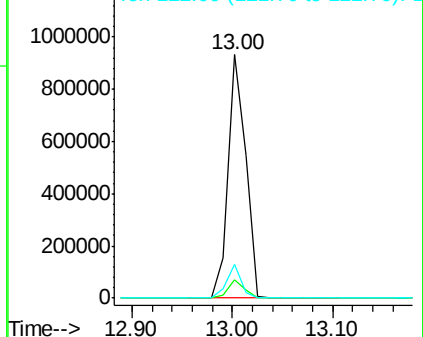


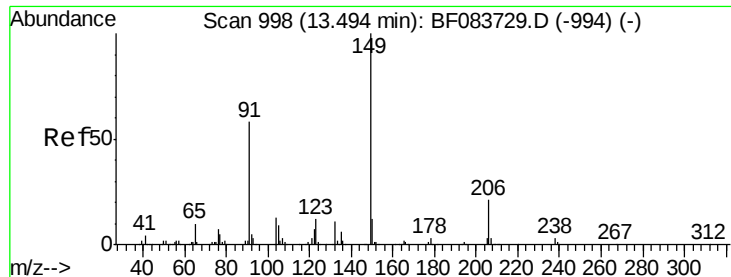
#78
Terphenyl-d14
Concen: 78.91 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion:244 Resp: 1129978
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 13.7 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

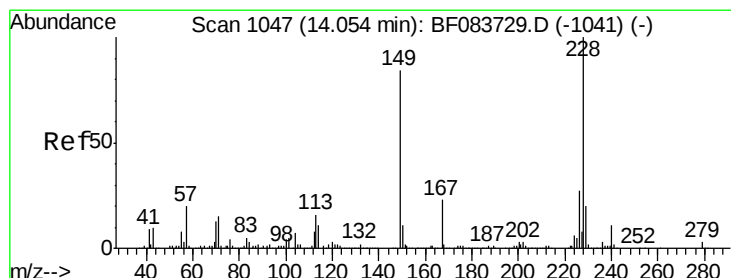
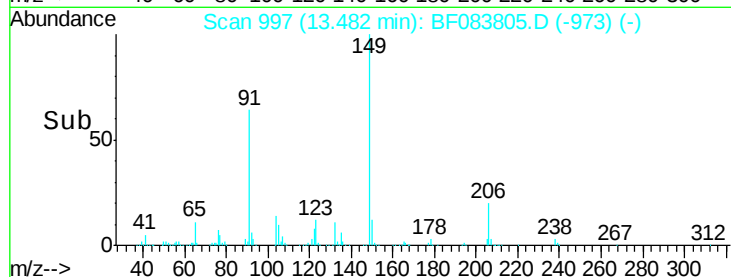
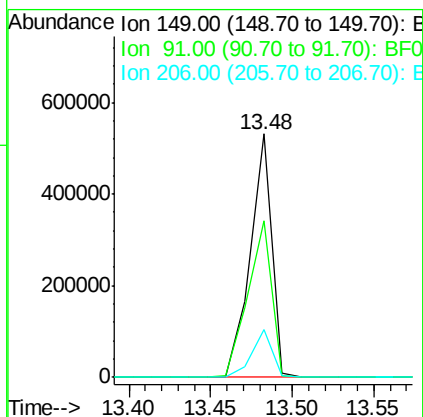
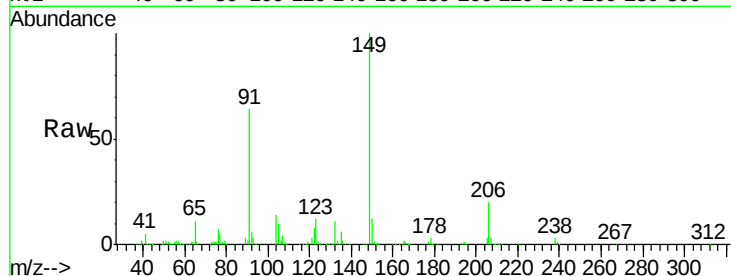




#79
Butylbenzylphthalate
Concen: 46.65 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

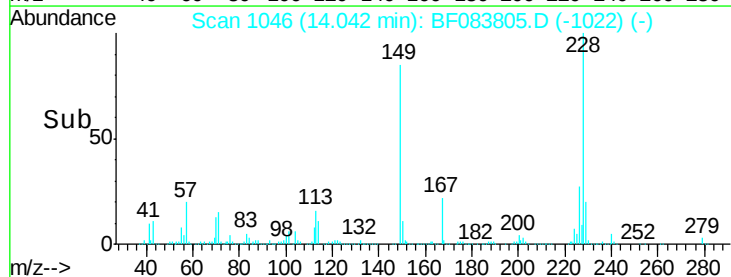
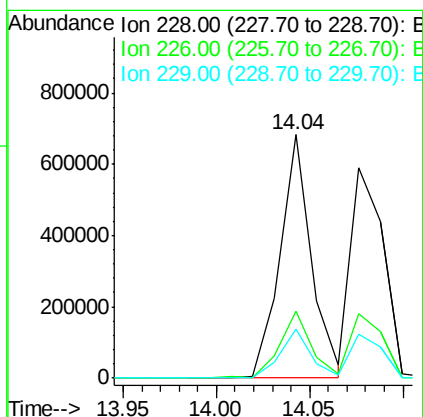
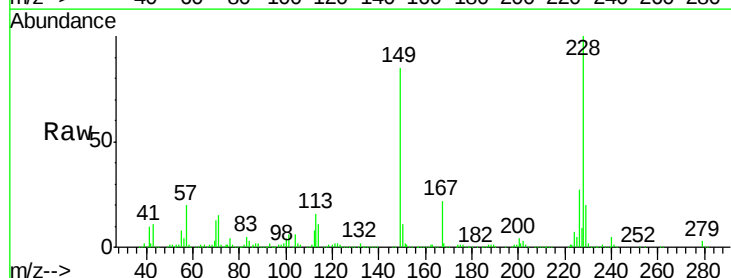
Instrument :
BNA_F
ClientSampleId :
PB87256BS

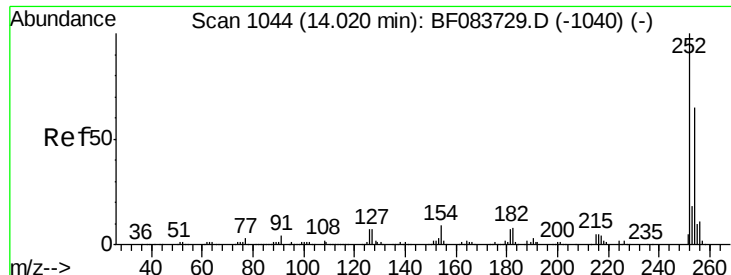
Tot Ion:149 Resp: 487382
Ion Ratio Lower Upper
149 100
91 64.5 60.0 90.0
206 19.7 16.2 24.4



#80
Benzo(a)anthracene
Concen: 45.63 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion:228 Resp: 799208
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 20.3 15.7 23.5

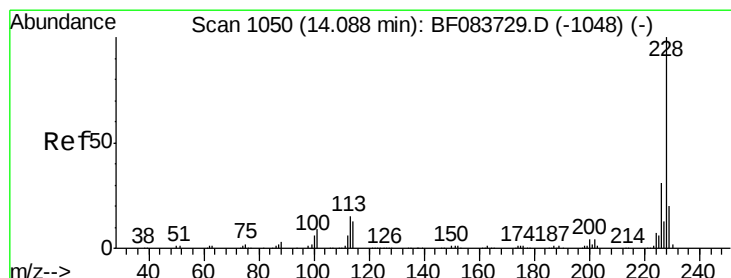
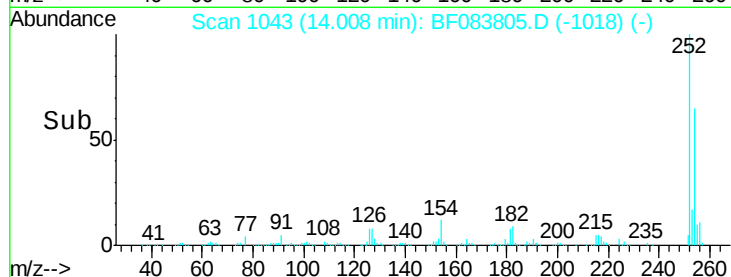
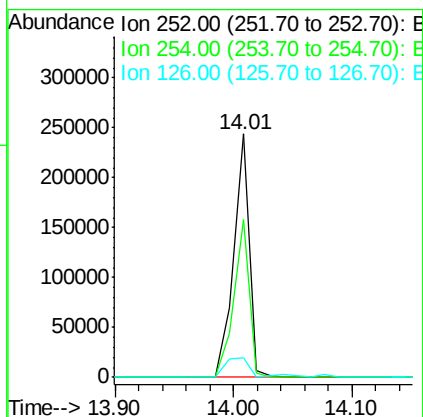
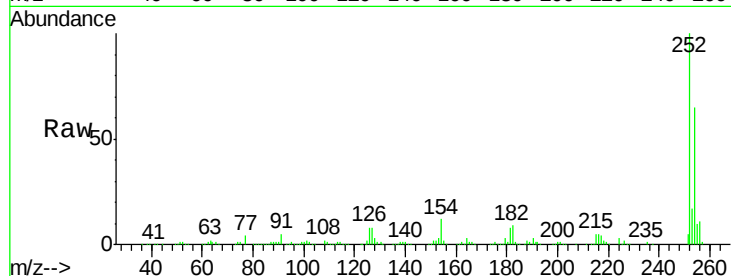




#81
 3,3'-Dichlorobenzidine
 Concen: 35.07 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

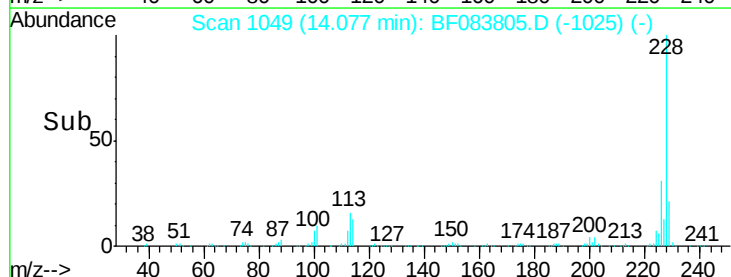
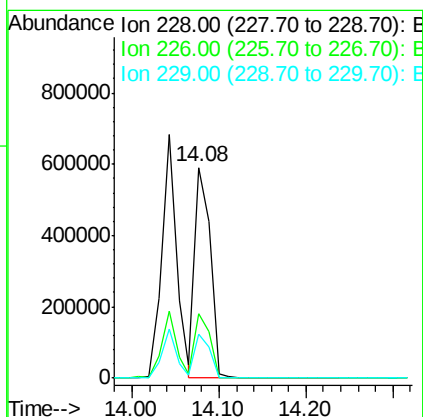
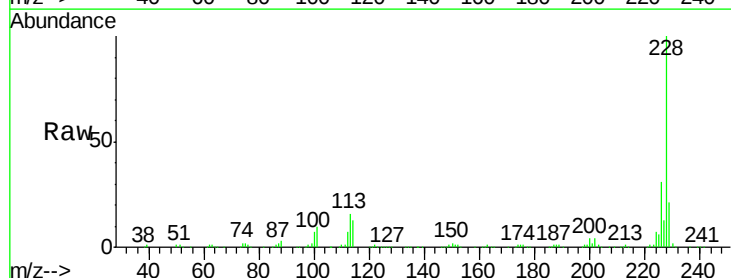
Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

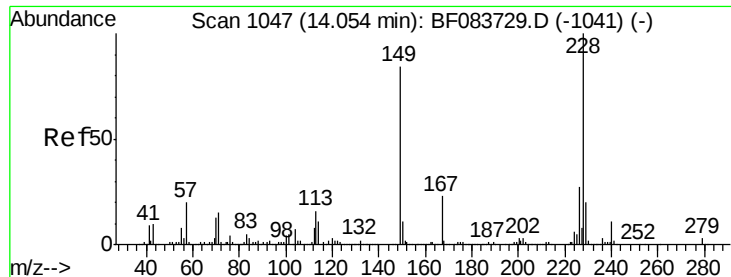
Tot Ion:252 Resp: 221553
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.6 76.0
 126 8.2 11.0 16.4#



#82
 Chrysene
 Concen: 42.34 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Tgt Ion:228 Resp: 723258
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.7 37.1
 229 20.7 16.3 24.5

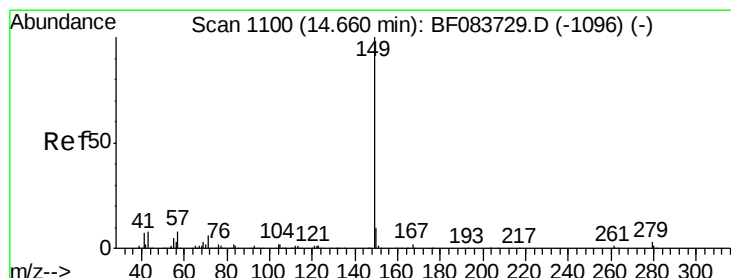
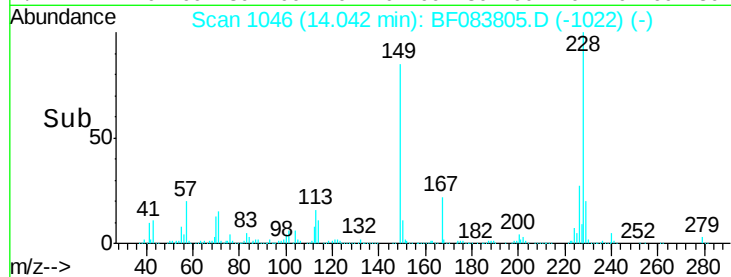
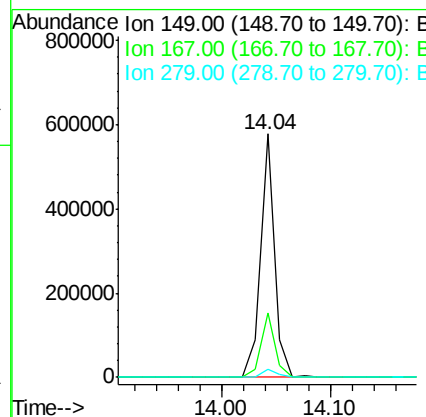
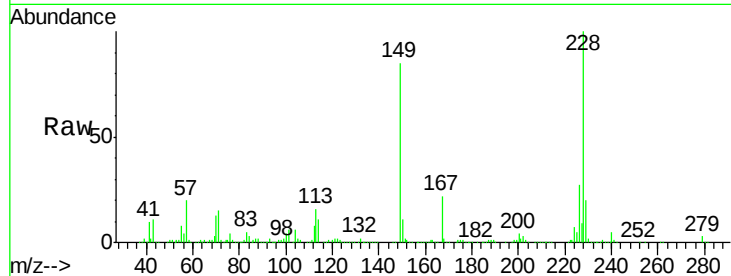




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.14 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

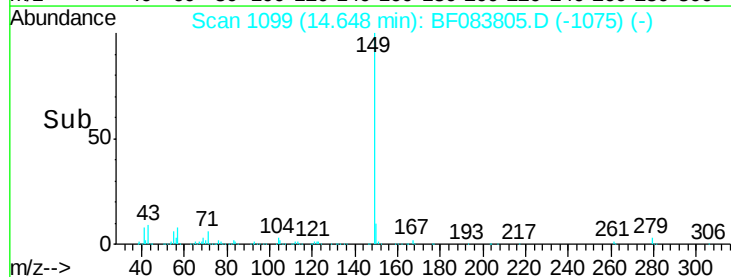
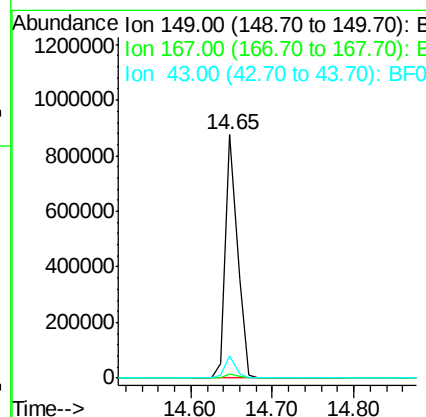
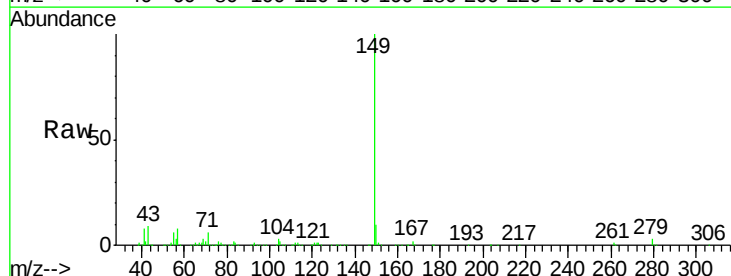
Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

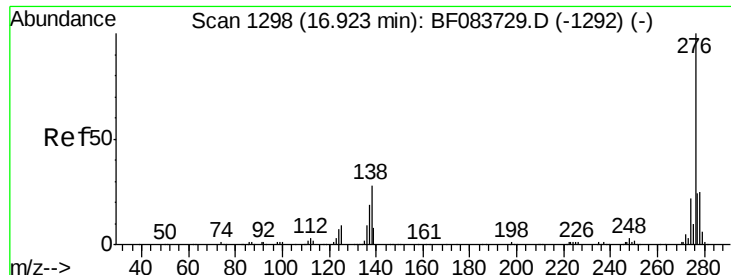
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.8	32.8
279	3.1	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 47.29 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.02 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	0.0	0.0#
43	8.2	0.0	0.0#

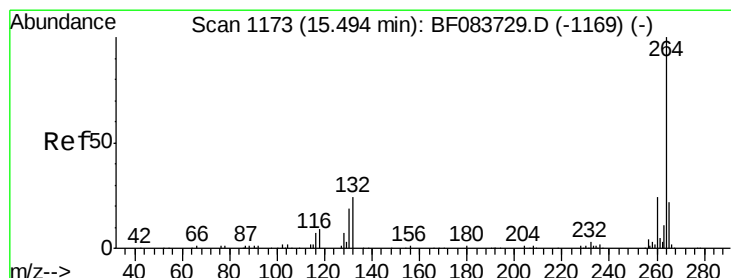
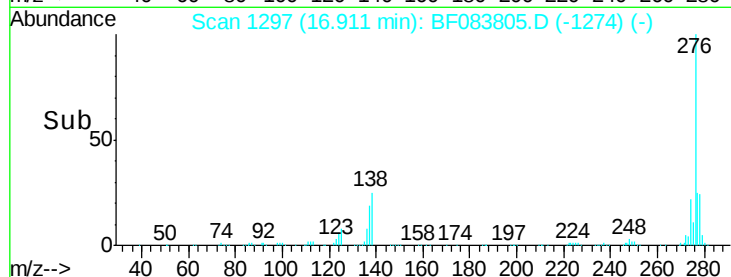
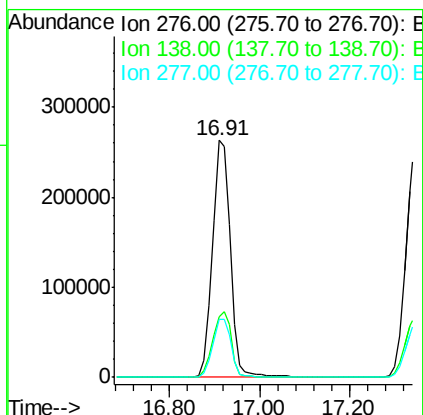
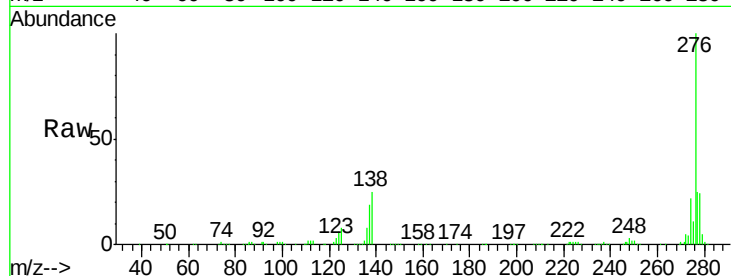




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.86 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. -0.03 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

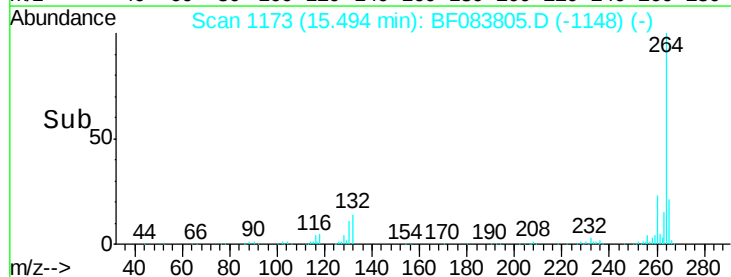
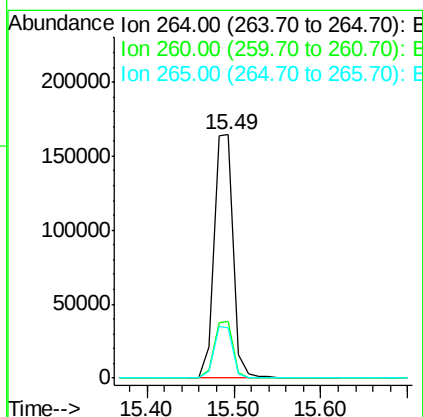
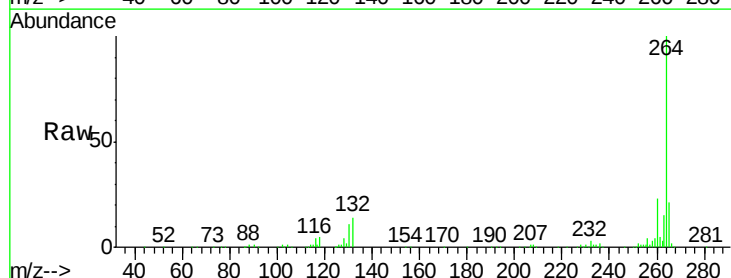
Instrument :
 BNA_F
 ClientSampleId :
 PB87256BS

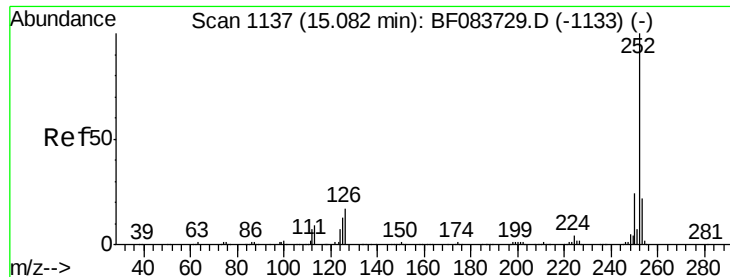
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.7	0.0	0.0#
277	25.5	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF083805.D
 Acq: 15 Dec 2015 8:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	20.8	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 87.30 ng

RT: 15.11 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

ClientSampleId :

PB87256BS

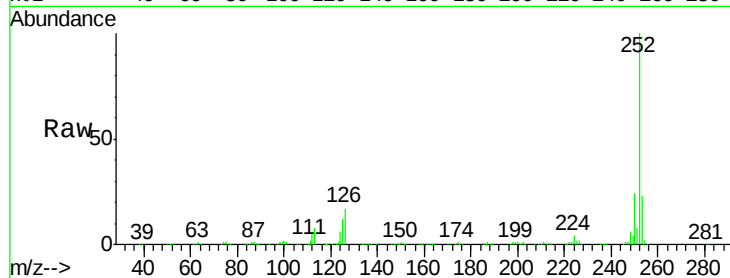
Tot Ion:252 Resp: 1425723

Ion Ratio Lower Upper

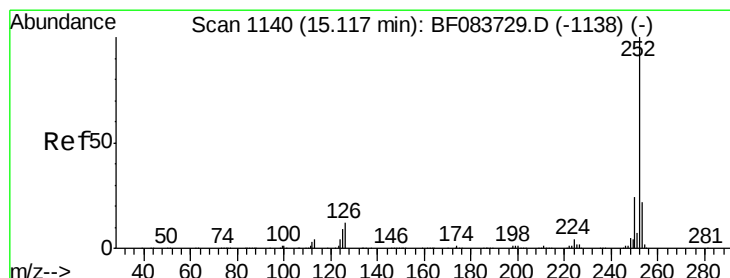
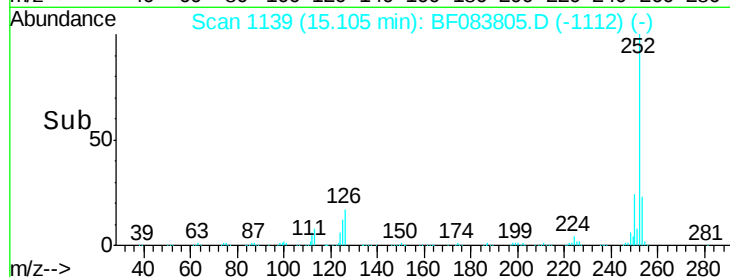
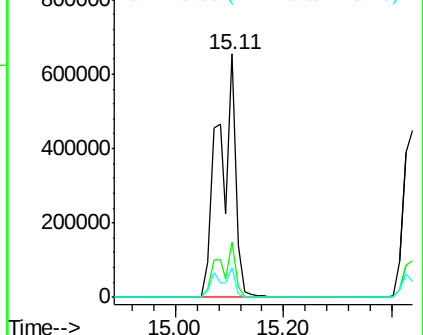
252 100

253 22.7 18.2 27.4

125 12.0 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: 96.35 ng

RT: 15.11 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

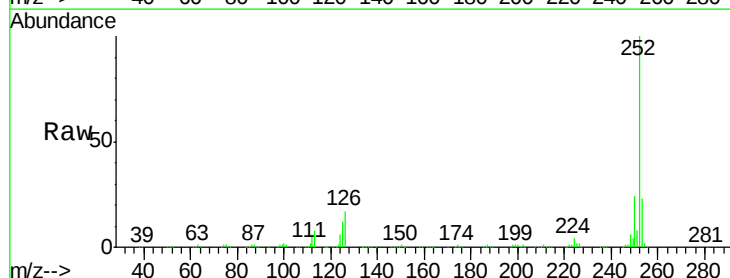
Tgt Ion:252 Resp: 1425723

Ion Ratio Lower Upper

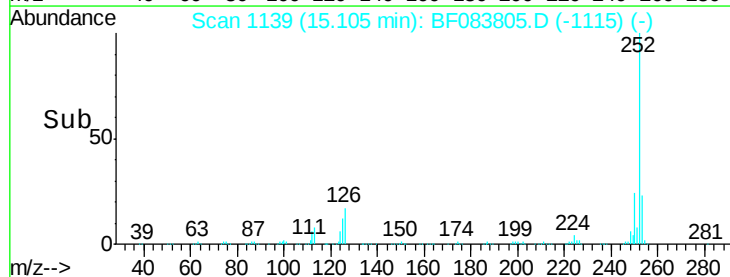
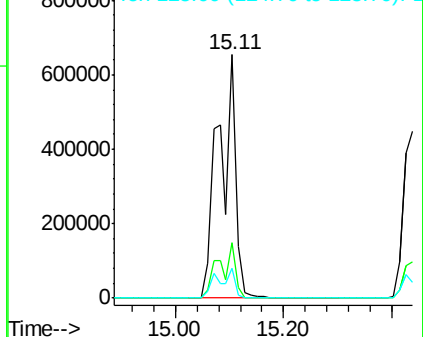
252 100

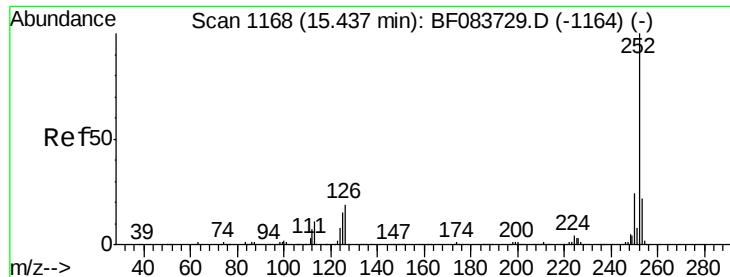
253 22.7 18.6 27.8

125 12.0 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

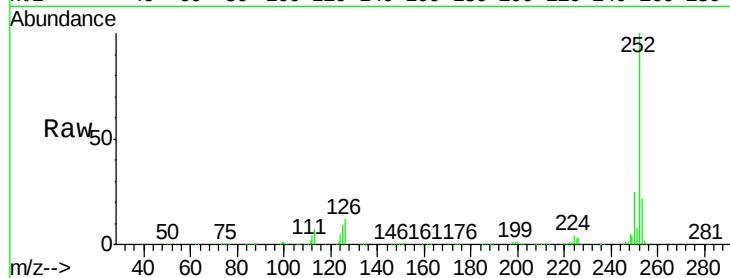




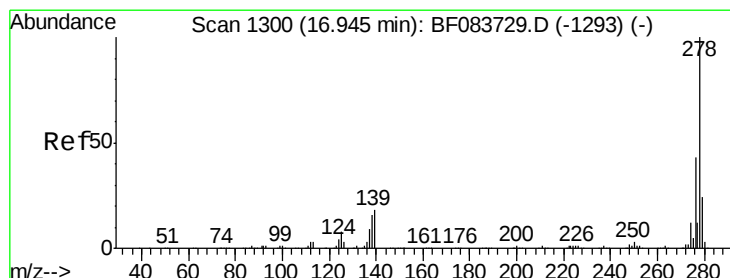
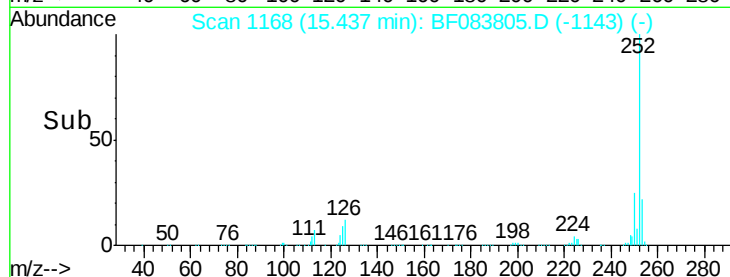
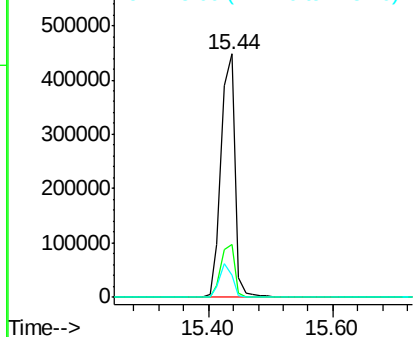
#89
Benzo(a)pyrene
Concen: 47.49 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Instrument :
BNA_F
ClientSampleId :
PB87256BS

Tot Ion:252 Resp: 692110
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.1 11.0 16.6#

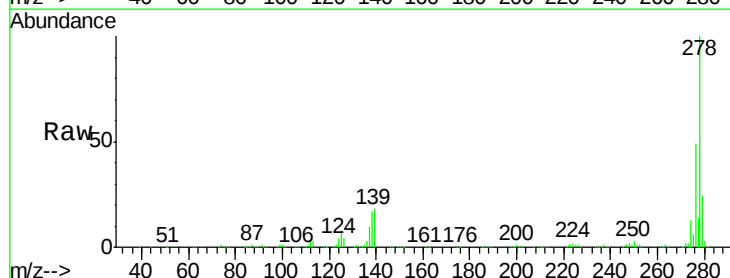


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

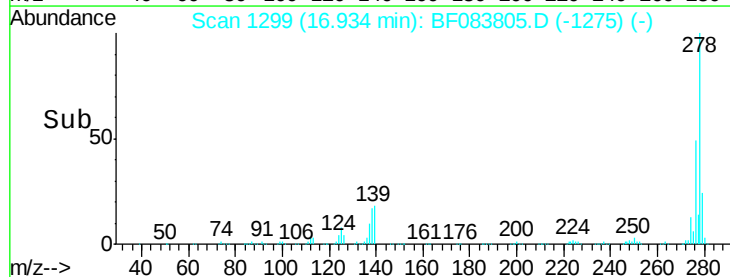
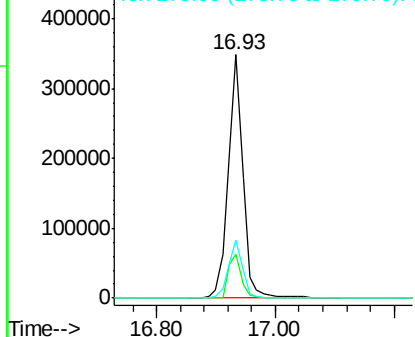


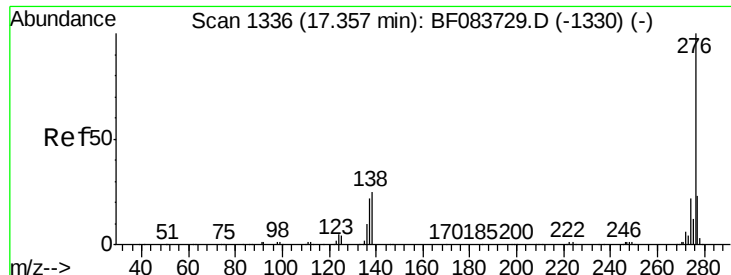
#90
Dibenzo(a,h)anthracene
Concen: 41.27 ng
RT: 16.93 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF083805.D
Acq: 15 Dec 2015 8:42

Tgt Ion:278 Resp: 598109
Ion Ratio Lower Upper
278 100
139 18.2 12.8 19.2
279 24.1 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(a,h,i)perylene

Concen: 41.44 ng

RT: 17.35 min Scan# 1335

Delta R.T. -0.03 min

Lab File: BF083805.D

Acq: 15 Dec 2015 8:42

Instrument :

BNA_F

ClientSampleId :

PB87256BS

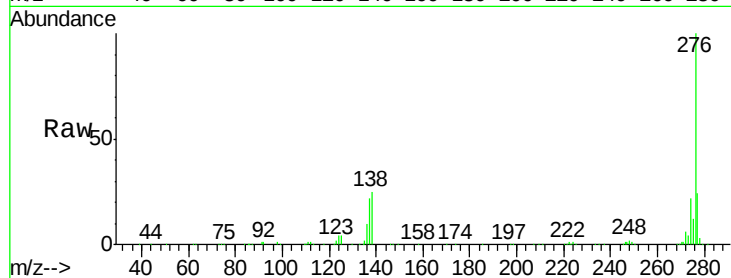
Tot Ion: 276 Resp: 617258

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 24.7 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

