

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083764.D
 Acq On : 14 Dec 2015 7:53
 Operator : UM/IZ
 Sample : G4648-11MS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 09:59:40 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	6.92	152	106924	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	363913	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	150483	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	249588	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	221230	20.00	ng	-0.01
86) Perylene-d12	15.51	264	210385	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	916523	138.28	ng	0.01
7) Phenol-d6	6.56	99	1054682	125.66	ng	0.01
23) Nitrobenzene-d5	7.48	82	615064	94.56	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	195017	127.18	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1067756	118.53	ng	-0.01
78) Terphenyl-d14	13.01	244	870915	84.68	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	136665	42.64	ng	# 83
3) Pyridine	3.36	79	357538	44.34	ng	# 86
4) n-Nitrosodimethylamine	3.31	42	152823	50.09	ng	# 61
6) Aniline	6.58	93	316539	27.76	ng	# 84
8) 2-Chlorophenol	6.70	128	341615	43.86	ng	# 91
9) Benzaldehyde	6.46	77	105648	23.44	ng	# 84
10) Phenol	6.57	94	478241	49.50	ng	# 77
11) bis(2-Chloroethyl)ether	6.66	93	369765	52.85	ng	# 87
12) 1,3-Dichlorobenzene	6.86	146	392722	47.51	ng	# 98
13) 1,4-Dichlorobenzene	6.94	146	390992	46.81	ng	# 93
14) 1,2-Dichlorobenzene	7.09	146	349918	46.62	ng	# 99
15) Benzyl Alcohol	7.06	79	286259	46.42	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	417949	46.01	ng	# 72
17) 2-Methylphenol	7.17	107	271962	43.43	ng	# 86
18) Hexachloroethane	7.44	117	121135	40.84	ng	# 82
19) n-Nitroso-di-n-propylamine	7.33	70	212707	41.39	ng	# 93
20) 3+4-Methylphenols	7.32	107	328791	44.48	ng	# 72
22) Acetophenone	7.33	105	449357	50.33	ng	# 95
24) Nitrobenzene	7.50	77	369911	54.64	ng	# 78
25) Isophorone	7.74	82	623744	48.88	ng	# 92
26) 2-Nitrophenol	7.81	139	162015	49.82	ng	# 92
27) 2,4-Dimethylphenol	7.86	122	317526	49.69	ng	# 98
28) bis(2-Chloroethoxy)methane	7.95	93	364518	50.06	ng	# 98
29) 2,4-Dichlorophenol	8.06	162	269098	51.29	ng	# 94
30) 1,2,4-Trichlorobenzene	8.14	180	267996	49.26	ng	# 97
31) Naphthalene	8.22	128	906510	47.79	ng	# 99
32) Benzoic acid	7.86	122	317526	79.73	ng	# 10
33) 4-Chloroaniline	8.27	127	175951	22.71	ng	# 87
34) Hexachlorobutadiene	8.35	225	156024	52.26	ng	# 99
35) Caprolactam	8.62	113	80471	47.77	ng	# 67
36) 4-Chloro-3-methylphenol	8.75	107	268036	43.68	ng	# 95
37) 2-Methylnaphthalene	8.92	142	624636	52.45	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	221766	49.96	ng	# 100
40) Hexachlorocyclopentadiene	9.08	237	73594	32.71	ng	# 95

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

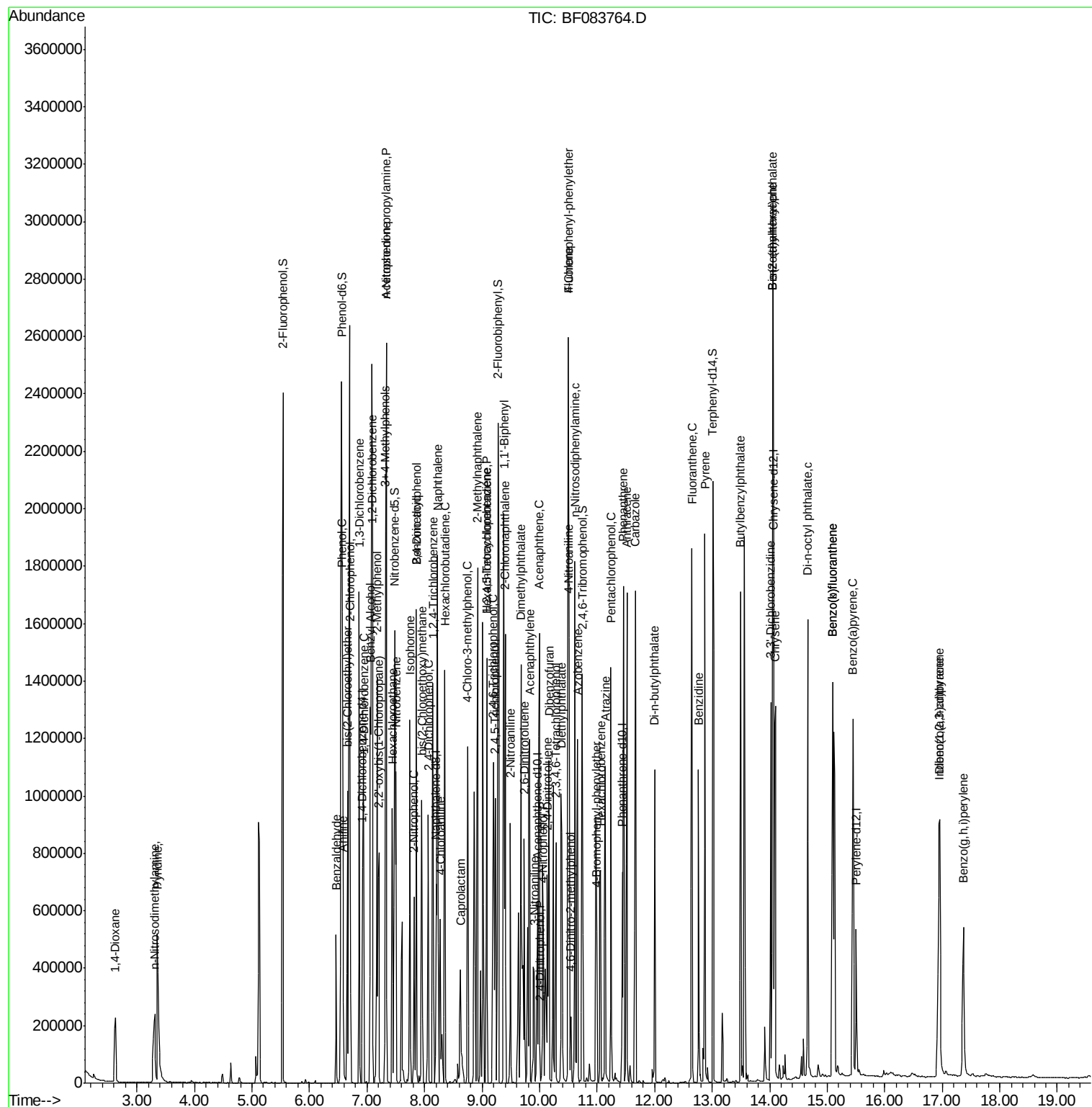
42) 2,4,6-Trichlorophenol	9.20	196	184076	56.65	nq	98
43) 2,4,5-Trichlorophenol	9.23	196	138074	44.80	nq	# 90
45) 1,1'-Biphenyl	9.38	154	630121	47.25	nq	98
46) 2-Chloronaphthalene	9.40	162	484300	49.20	nq	# 91
47) 2-Nitroaniline	9.49	65	150351	53.85	nq	# 78
48) Acenaphthylene	9.82	152	811474	48.99	nq	99
49) Dimethylphthalate	9.68	163	737220	62.84	nq	100
50) 2,6-Dinitrotoluene	9.73	165	115525	46.40	nq	94
51) Acenaphthene	10.00	154	485874	48.52	nq	99
52) 3-Nitroaniline	9.90	138	102165	35.59	nq	# 61
53) 2,4-Dinitrophenol	10.01	184	22851	26.69	nq	# 69
54) Dibenzofuran	10.17	168	695466	52.42	nq	99
55) 4-Nitrophenol	10.06	139	206382	97.09	nq	# 62
56) 2,4-Dinitrotoluene	10.13	165	146785	45.13	nq	# 89
57) Fluorene	10.50	166	477879	45.74	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	121122	52.39	nq	# 100
59) Diethylphthalate	10.37	149	587312	49.45	nq	97
60) 4-Chlorophenyl-phenylether	10.50	204	234833	49.29	nq	99
61) 4-Nitroaniline	10.51	138	111073	43.90	nq	95
62) Azobenzene	10.66	77	569447	52.59	nq	89
64) 4,6-Dinitro-2-methylphenol	10.54	198	35283	24.85	nq	# 62
65) n-Nitrosodiphenylamine	10.61	169	466757	54.68	nq	99
66) 4-Bromophenyl-phenylether	10.99	248	141192	50.59	nq	# 86
67) Hexachlorobenzene	11.06	284	151399	50.14	nq	# 79
68) Atrazine	11.14	200	141379	58.21	nq	99
69) Pentachlorophenol	11.24	266	143403	84.20	nq	99
70) Phenanthrene	11.46	178	655978	49.47	nq	99
71) Anthracene	11.52	178	742043	53.89	nq	100
72) Carbazole	11.66	167	697513	54.36	nq	97
73) Di-n-butylphthalate	12.00	149	794138	50.97	nq	99
74) Fluoranthene	12.65	202	767016	55.99	nq	99
76) Benzidine	12.76	184	383922	56.95	nq	97
77) Pyrene	12.88	202	818897	46.83	nq	99
79) Butylbenzylphthalate	13.49	149	379015	50.50	nq	95
80) Benzo(a)anthracene	14.05	228	676897	53.81	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	259704	57.23	nq	98
82) Chrysene	14.10	228	685187	55.84	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	469393	54.96	nq	# 97
84) Di-n-octyl phthalate	14.66	149	921762	67.91	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.95	276	564682	46.86	nq	# 100
87) Benzo(b)fluoranthene	15.09	252	678843	50.58	nq	97
88) Benzo(k)fluoranthene	15.09	252	678843	55.82	nq	97
89) Benzo(a)pyrene	15.45	252	615375	51.38	nq	100
90) Dibenzo(a,h)anthracene	16.96	278	477674	40.11	nq	# 96
91) Benzo(g,h,i)perylene	17.37	276	447893	36.59	nq	98

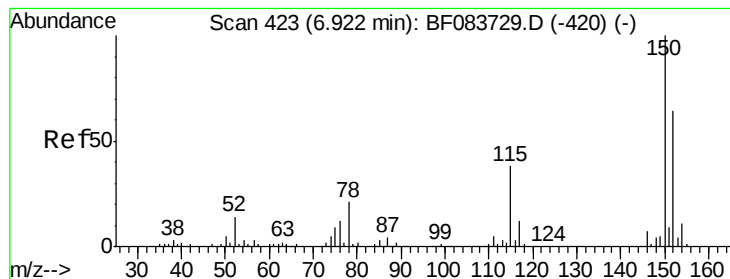
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

ClientSampleId :

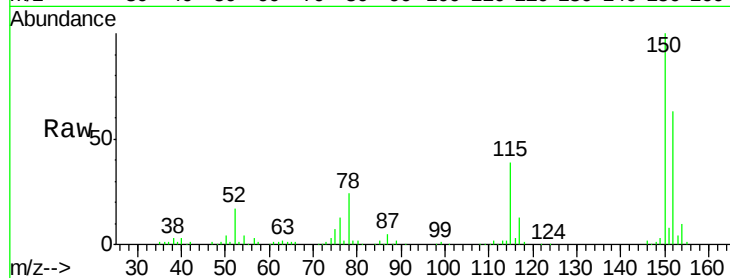
Tot Ion:152 Resp: 106924

Ion Ratio Lower Upper

152 100

150 158.5 126.5 189.7

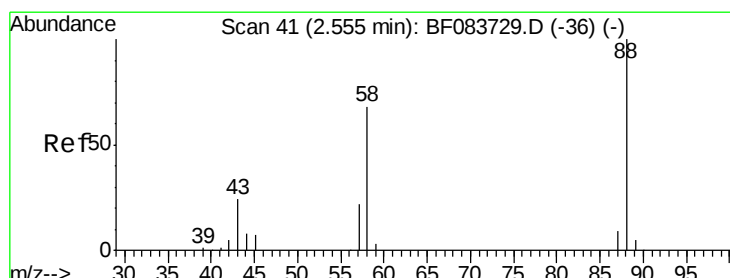
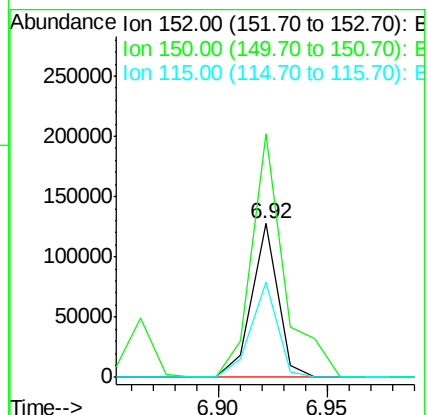
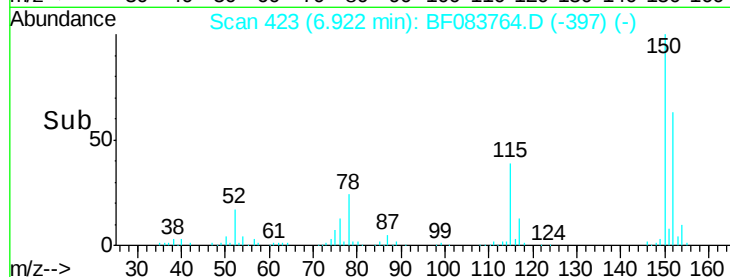
115 62.3 52.3 78.5



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: 42.64 ng

RT: 2.62 min Scan# 47

Delta R.T. 0.06 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

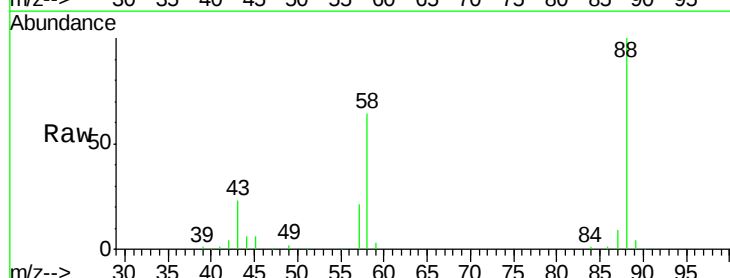
Tgt Ion: 88 Resp: 136665

Ion Ratio Lower Upper

88 100

58 69.6 68.0 102.0

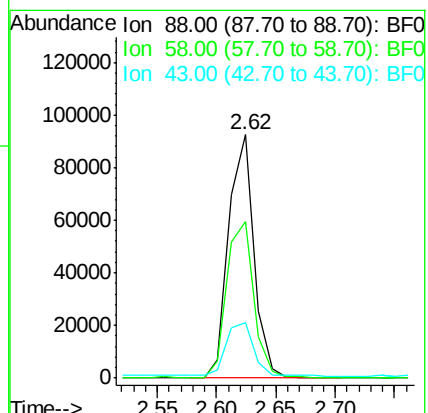
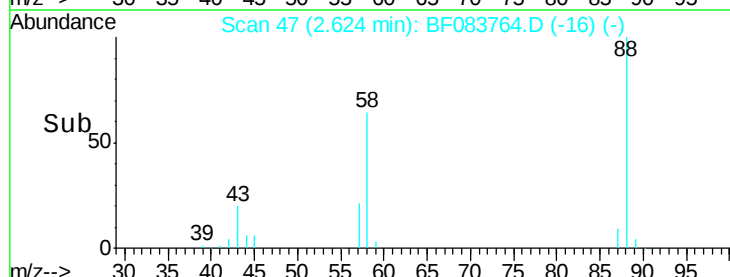
43 24.0 27.9 41.9#

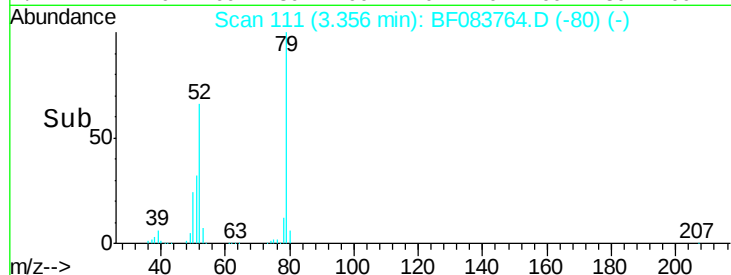
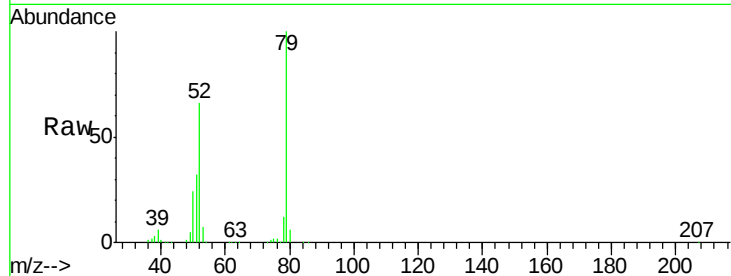
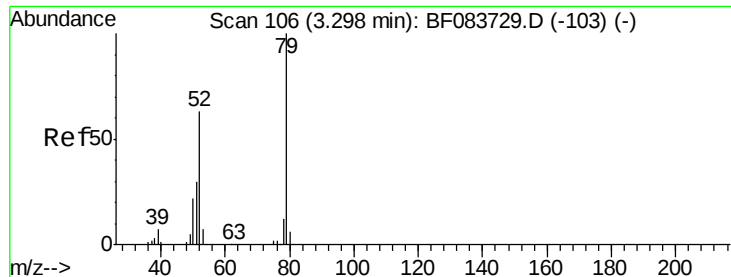


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

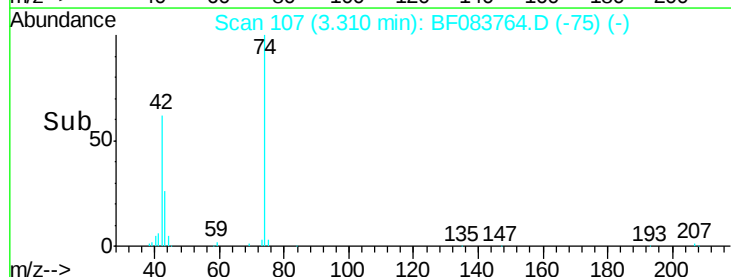
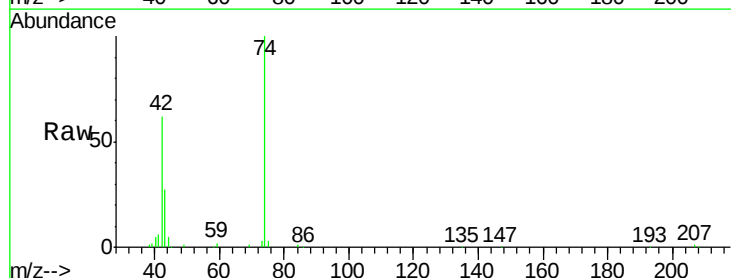
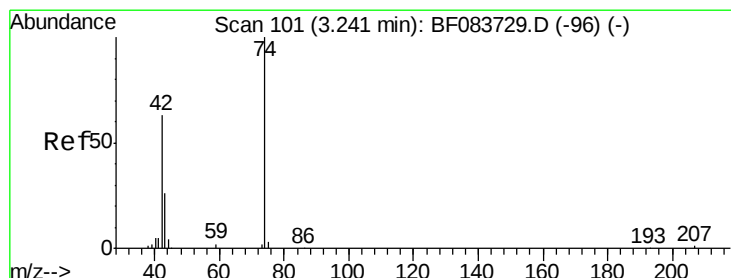
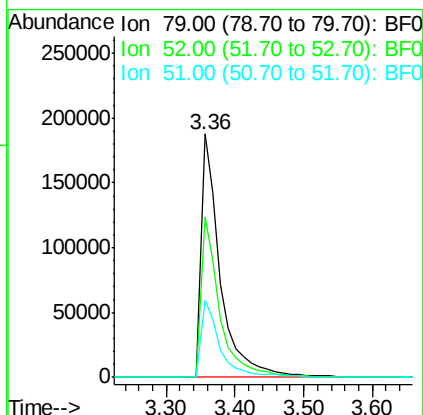




#3
Pvridine
Concen: 44.34 ng
RT: 3.36 min Scan# 111
Delta R.T. 0.06 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

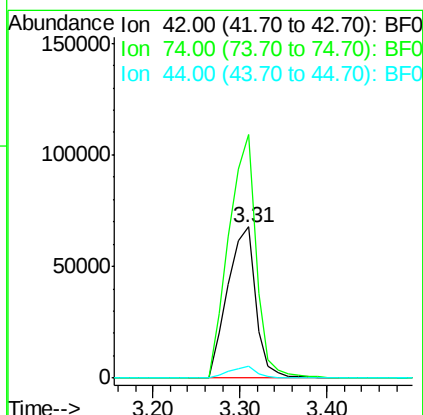
Instrument :
BNA_F
ClientSampleId :

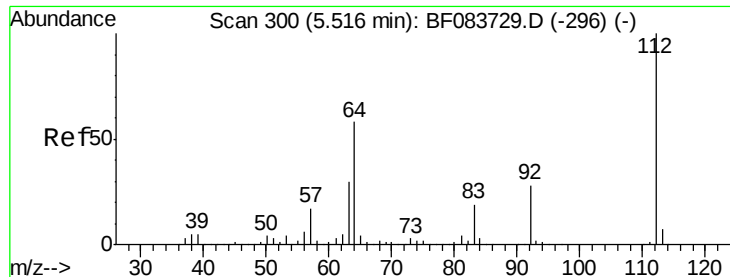
Tot Ion	Ratio	Lower	Upper
79	100		
52	65.7	63.7	95.5
51	31.6	30.6	45.8



#4
n-Nitrosodimethylamine
Concen: 50.09 ng
RT: 3.31 min Scan# 107
Delta R.T. 0.07 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	161.1	92.9	139.3#
44	8.0	5.7	8.5





#5

2-Fluorophenol

Concen: 138.28 ng

RT: 5.54 min Scan# 302

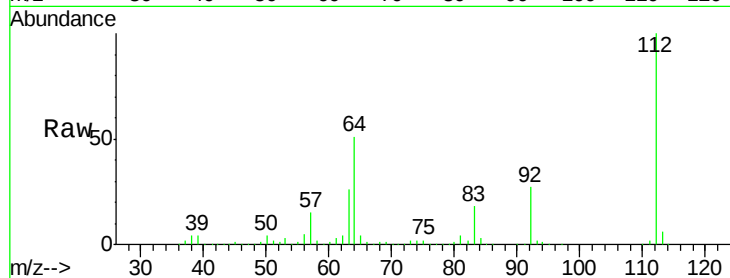
Delta R.T. 0.01 min

Lab File: BF083764.D

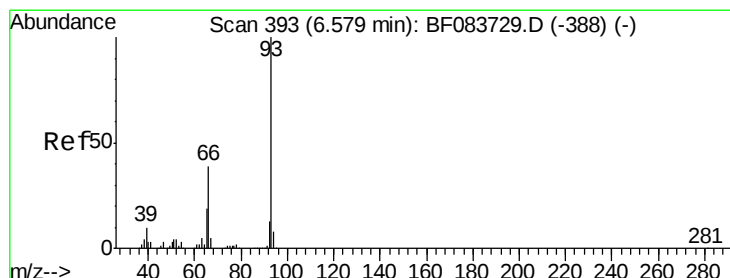
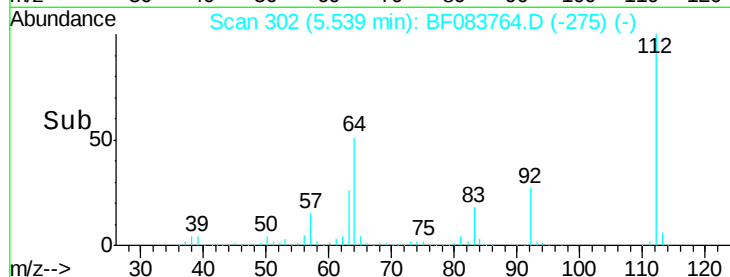
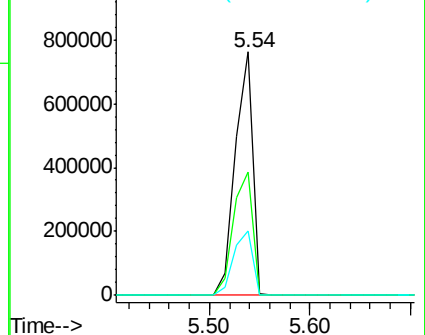
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	916523
Ion	Ratio	Lower	Upper
112	100		
64	50.8	50.5	75.7
63	26.3	25.8	38.6



Abundance Ion 112.00 (111.70 to 112.70): BF0
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.76 ng

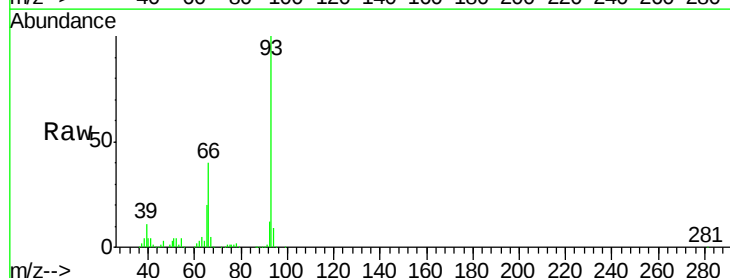
RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

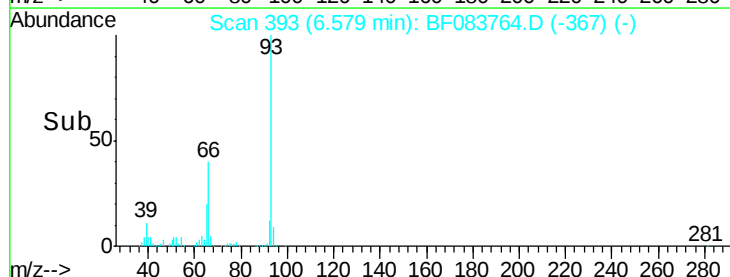
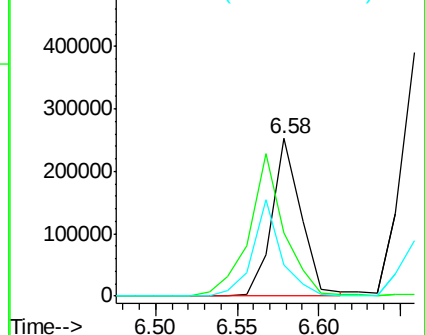
Lab File: BF083764.D

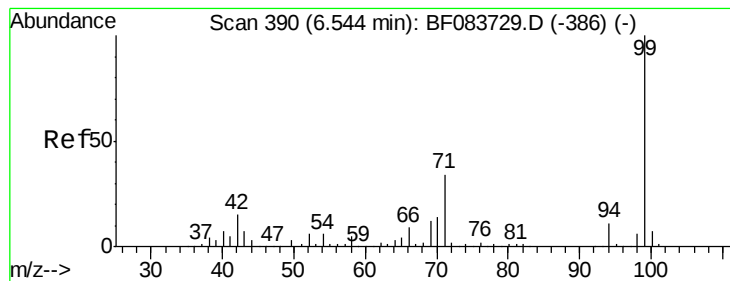
Acq: 14 Dec 2015 7:53

Tgt Ion:	93	Resp:	316539
Ion	Ratio	Lower	Upper
93	100		
66	39.7	41.3	61.9#
65	19.5	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: 125.66 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

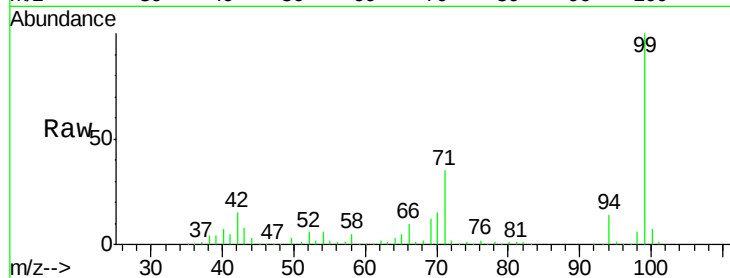
Instrument :

BNA_F

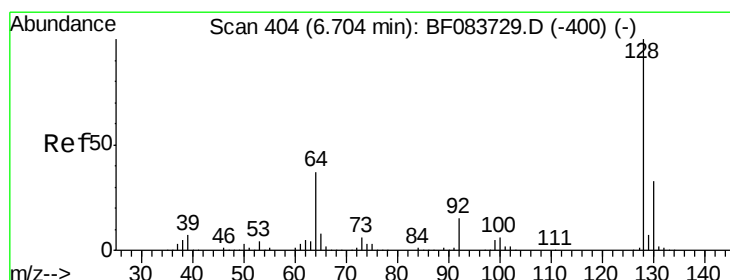
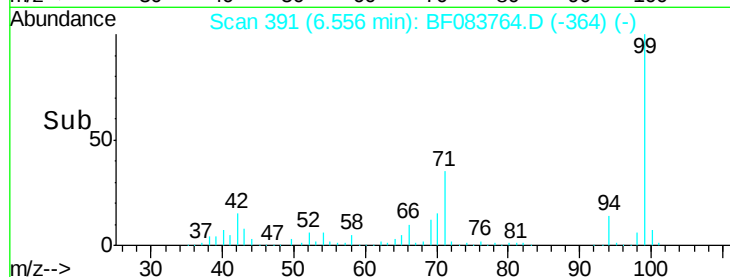
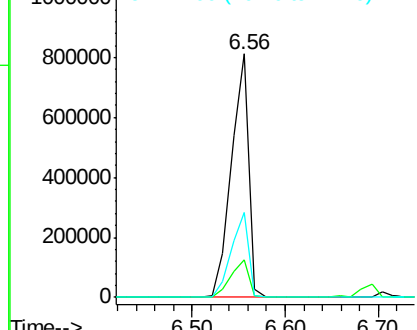
ClientSampled :

Tot Ion: 99 Resp: 1054682

Ion	Ratio	Lower	Upper
99	100		
42	15.2	17.3	25.9#
71	34.8	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: 43.86 ng

RT: 6.70 min Scan# 404

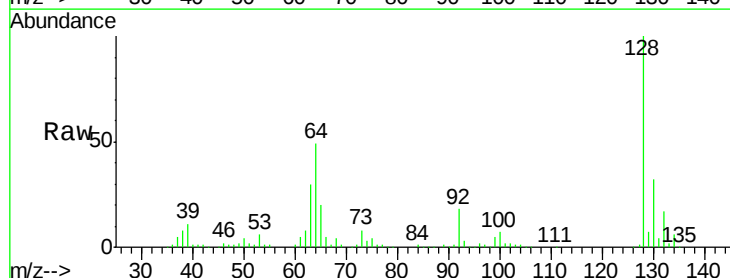
Delta R.T. 0.00 min

Lab File: BF083764.D

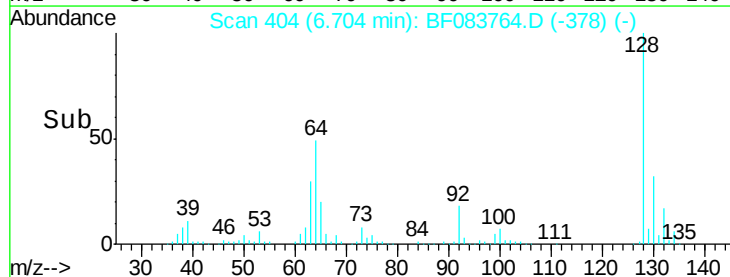
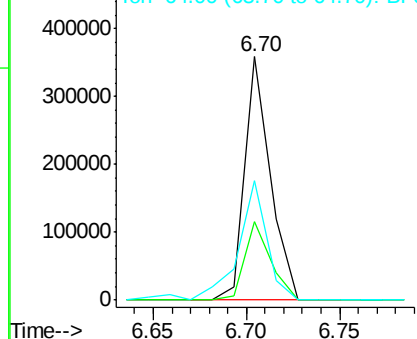
Acq: 14 Dec 2015 7:53

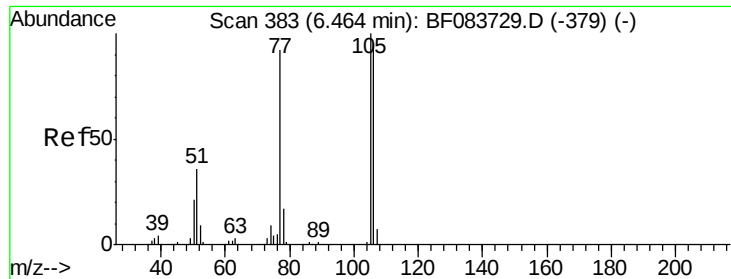
Tgt Ion: 128 Resp: 341615

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	48.9	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: 23.44 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF083764.D

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Instrument :

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ClientSampleId :

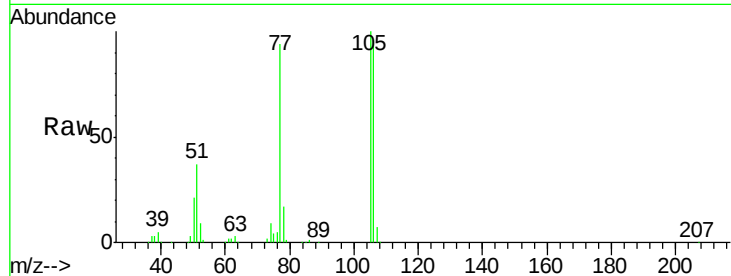
Tot Ion: 77 Resp: 105648

Ion Ratio Lower Upper

77 100

105 106.9 71.8 111.8

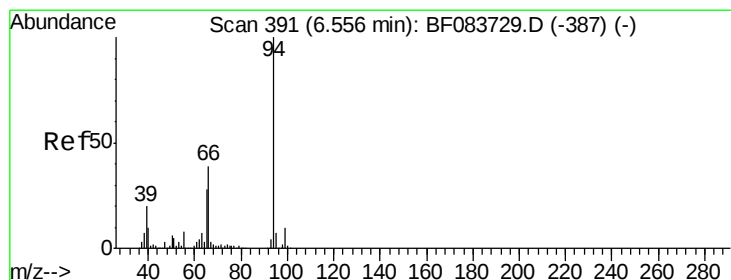
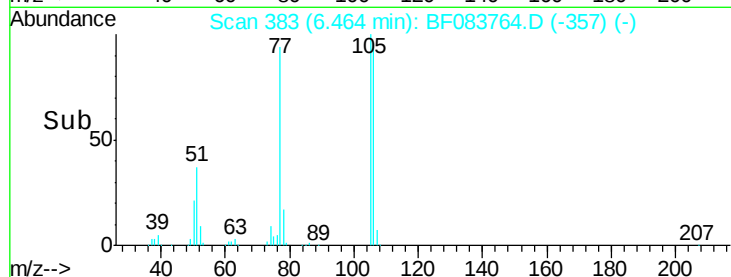
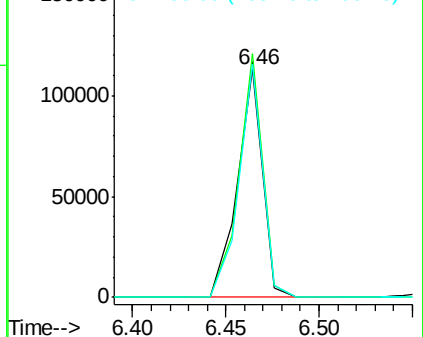
106 102.3 66.8 106.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 49.50 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

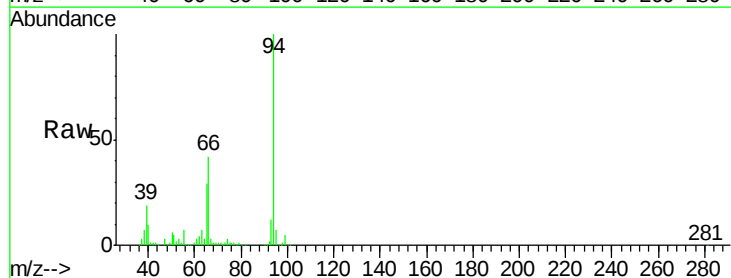
Tgt Ion: 94 Resp: 478241

Ion Ratio Lower Upper

94 100

65 28.8 20.9 60.9

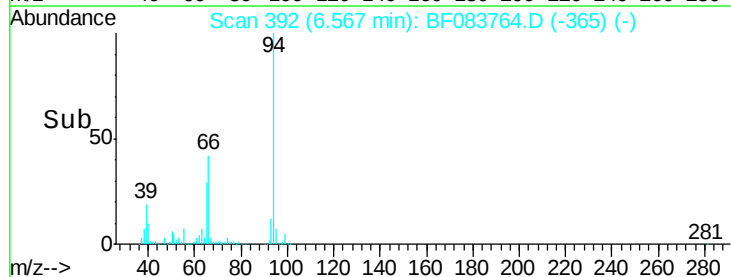
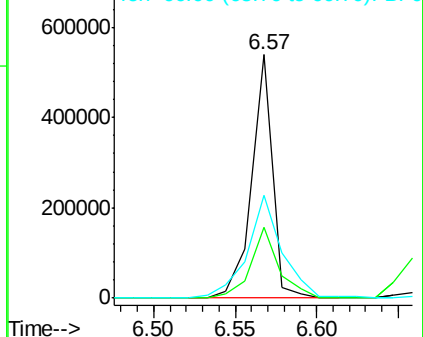
66 42.3 41.6 81.6

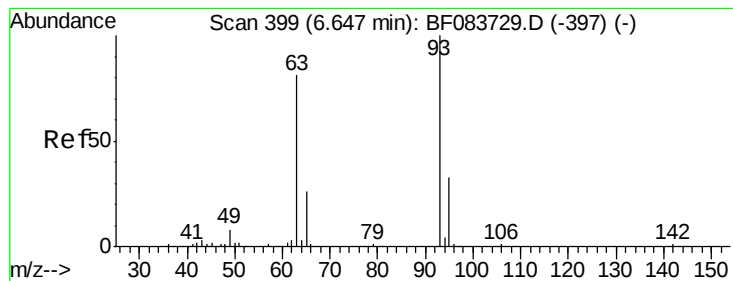


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 52.85 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

ClientSampleId :

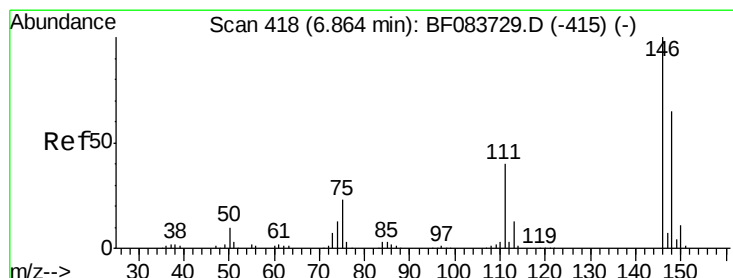
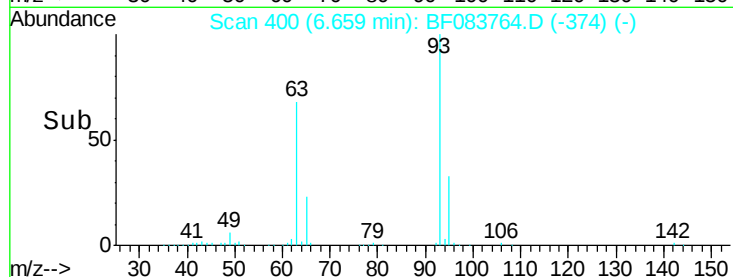
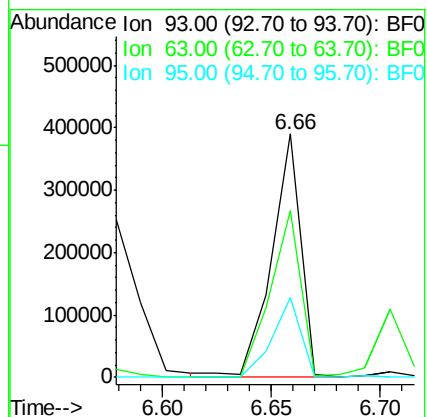
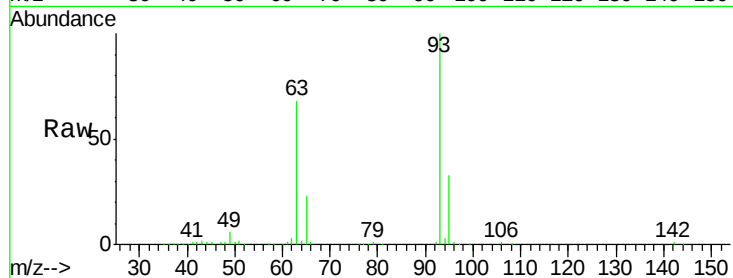
Tot Ion: 93 Resp: 369765

Ion Ratio Lower Upper

93 100

63 68.3 64.7 104.7

95 32.8 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 47.51 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

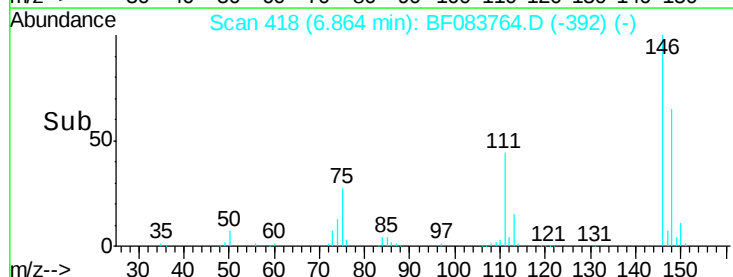
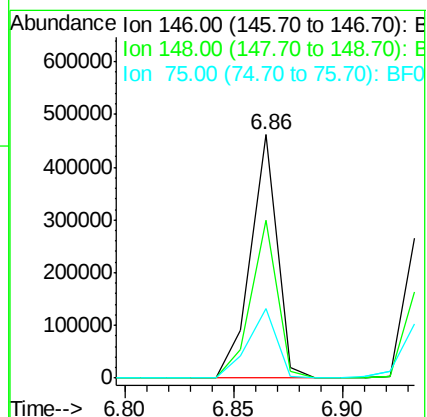
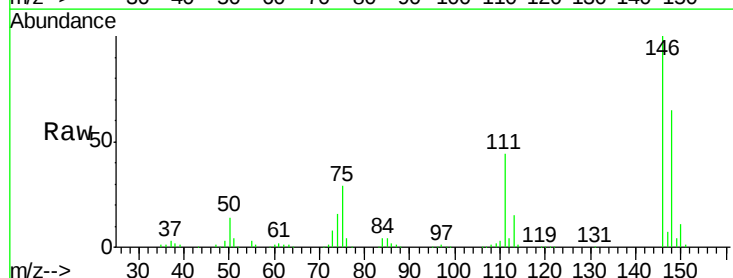
Tgt Ion: 146 Resp: 392722

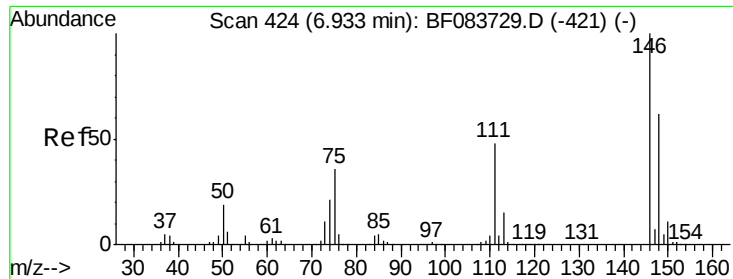
Ion Ratio Lower Upper

146 100

148 64.9 51.3 76.9

75 28.5 24.1 36.1

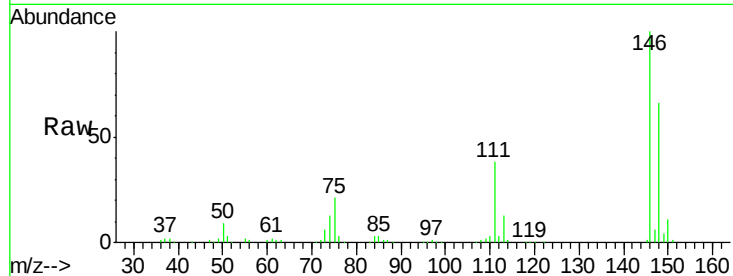




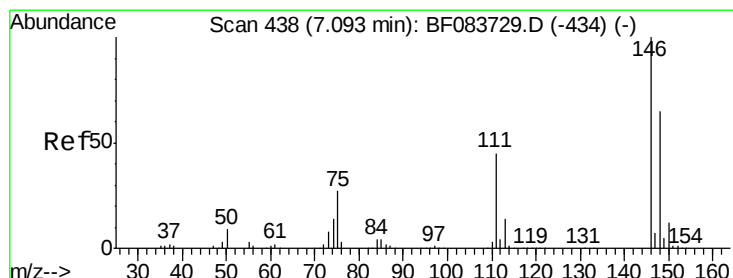
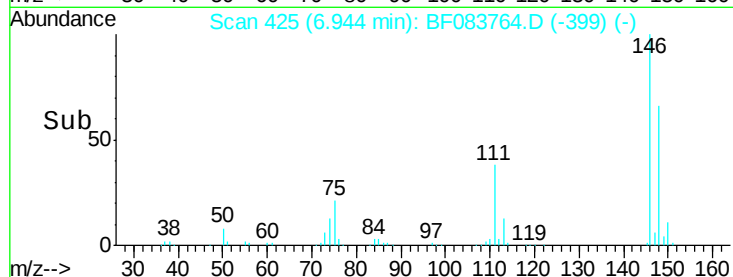
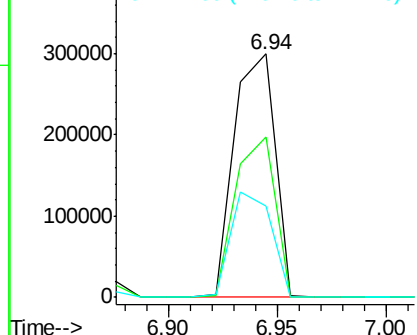
#13
 1,4-Dichlorobenzene
 Concen: 46.81 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 390992
 Ion Ratio Lower Upper
 146 100
 148 66.0 50.6 76.0
 111 37.7 36.1 54.1

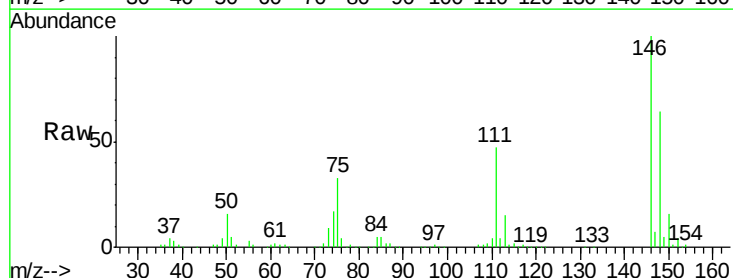


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

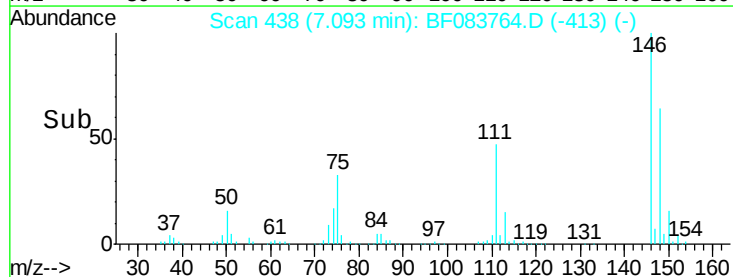
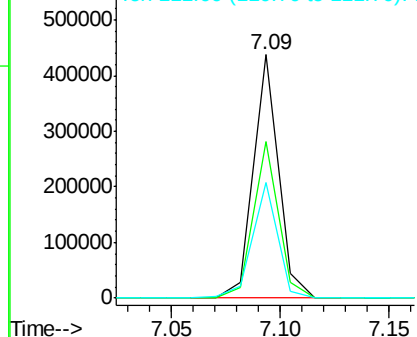


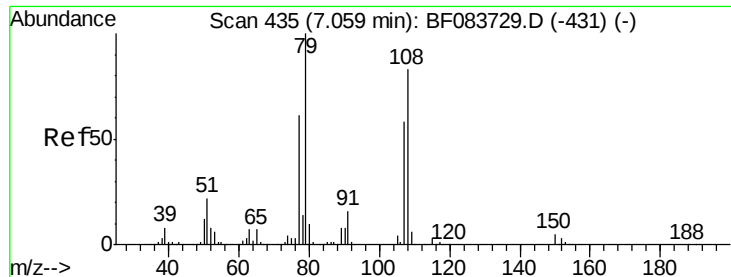
#14
 1,2-Dichlorobenzene
 Concen: 46.62 ng
 RT: 7.09 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Tgt Ion:146 Resp: 349918
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.0
 111 47.4 36.7 55.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.42 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

ClientSampleId :

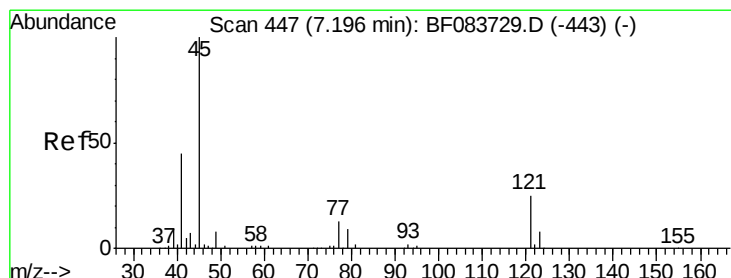
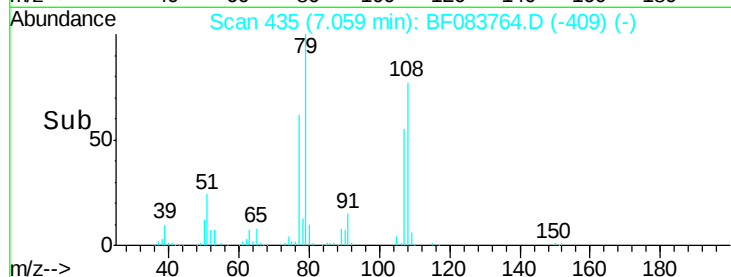
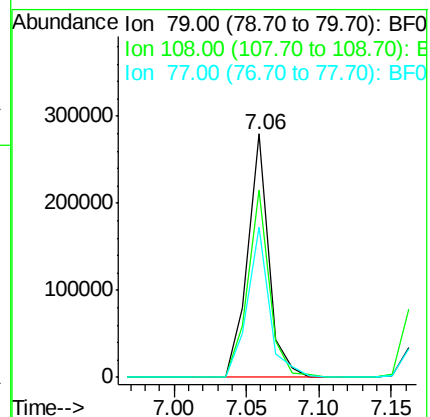
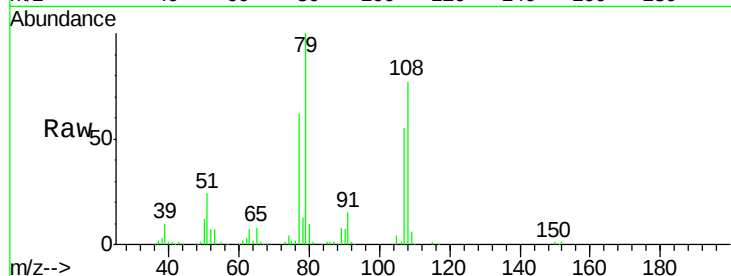
Tot Ion: 79 Resp: 286259

Ion Ratio Lower Upper

79 100

108 77.1 59.6 89.4

77 61.8 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.01 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

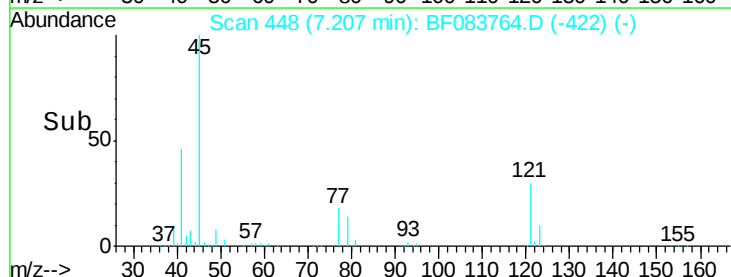
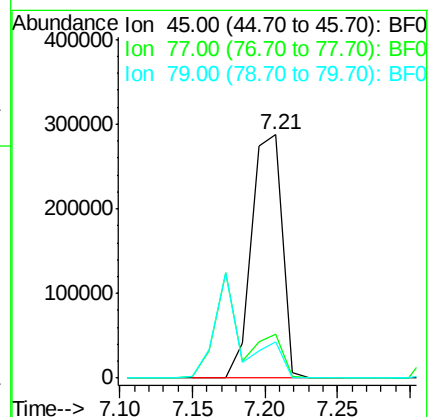
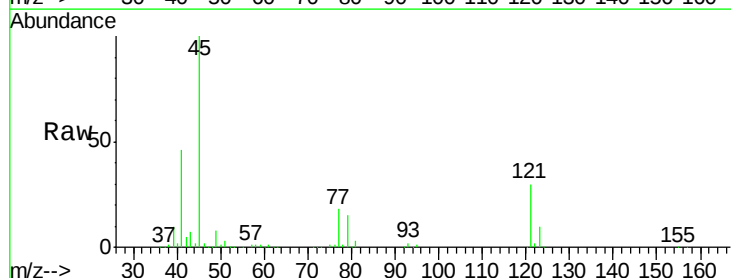
Tgt Ion: 45 Resp: 417949

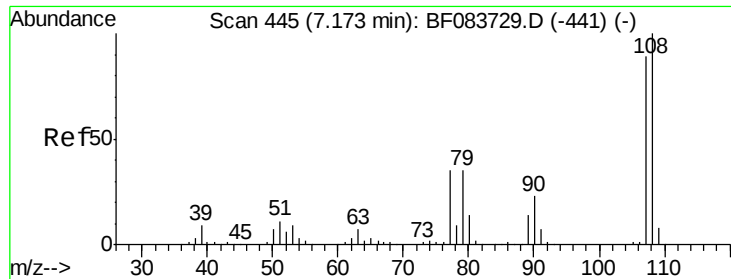
Ion Ratio Lower Upper

45 100

77 18.0 12.8 52.8

79 14.6 10.7 50.7

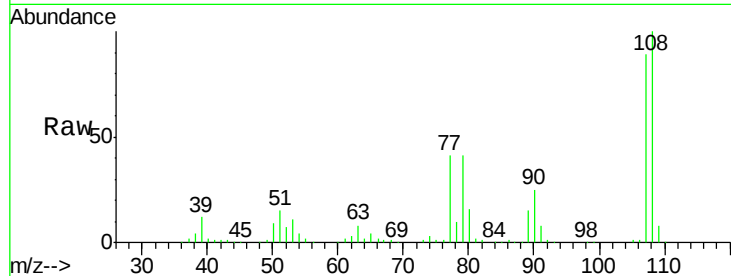




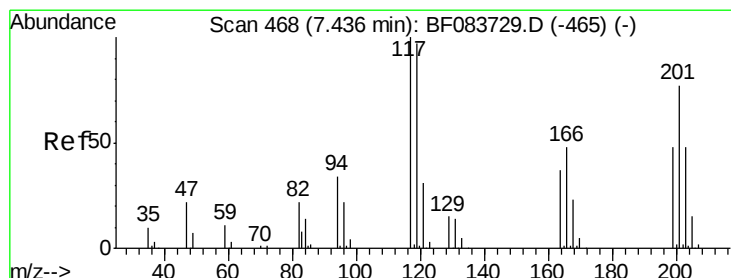
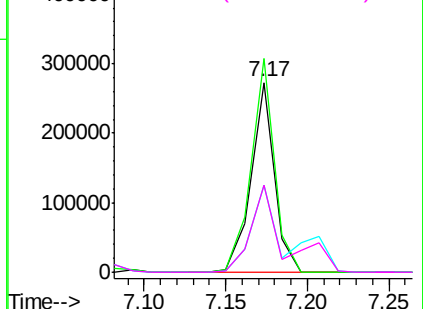
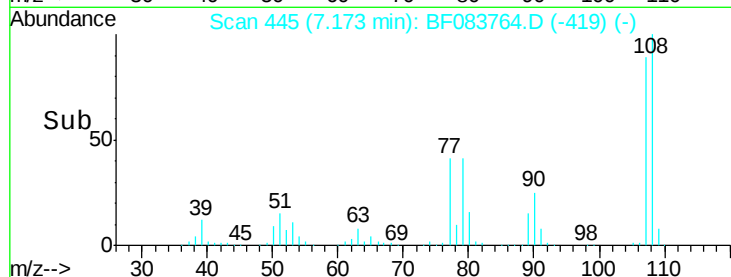
#17
2-Methylphenol
Concen: 43.43 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 271962
Ion Ratio Lower Upper
107 100
108 112.6 91.6 137.4
77 45.8 53.7 80.5#
79 45.8 50.2 75.4#

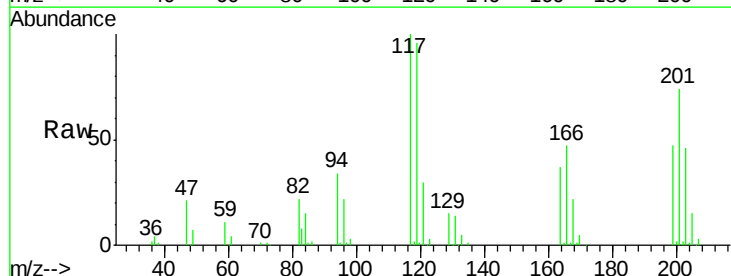


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

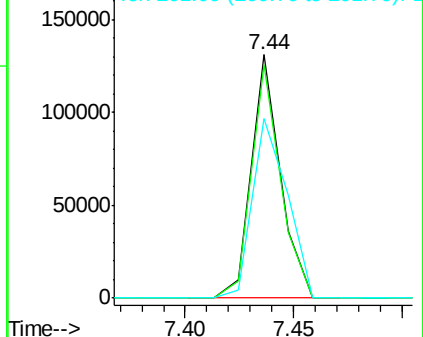
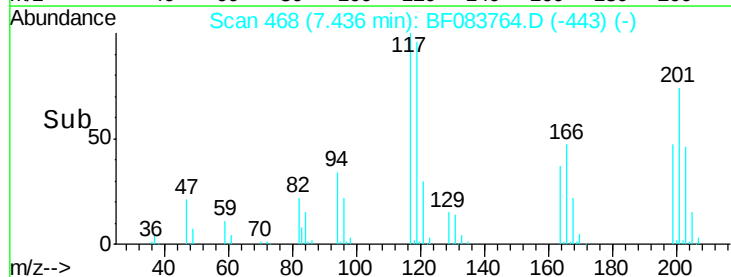


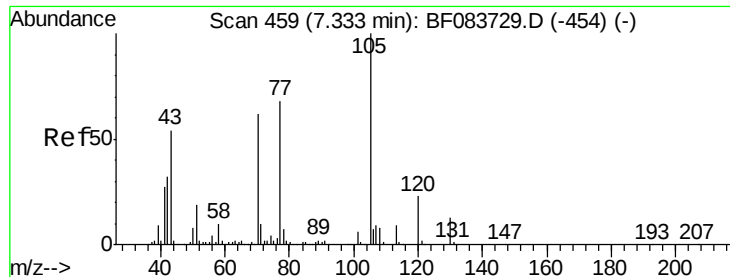
#18
Hexachloroethane
Concen: 40.84 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion:117 Resp: 121135
Ion Ratio Lower Upper
117 100
119 95.8 77.2 115.8
201 73.6 86.8 130.2#



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

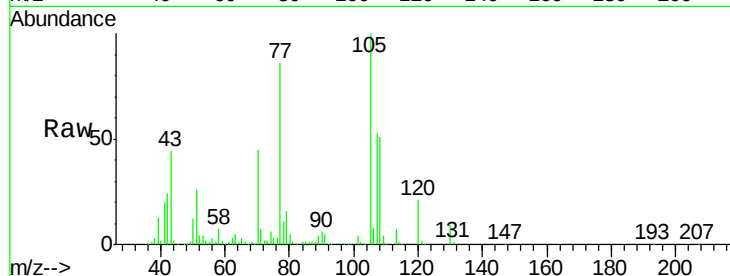




#19
n-Nitroso-di-n-propylamine
Concen: 41.39 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.4	49.2	73.8
101	9.1	7.1	10.7
130	20.1	15.4	23.0



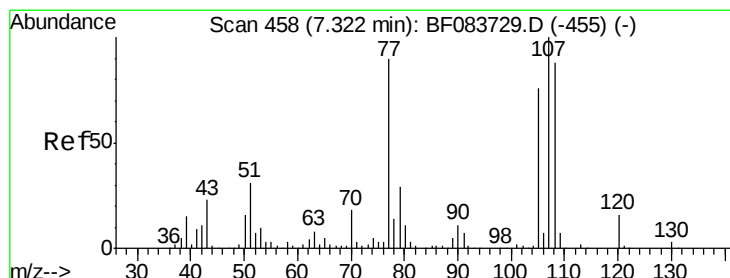
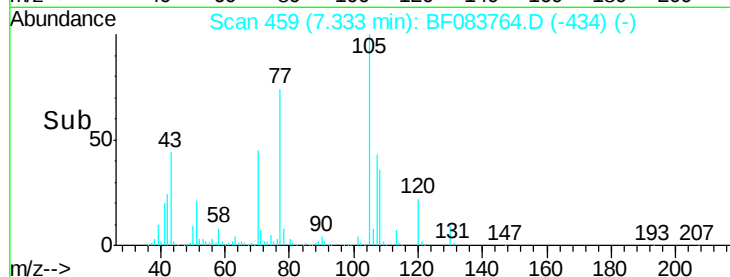
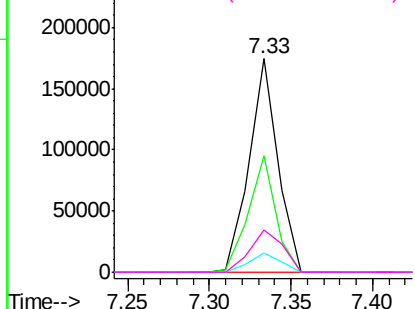
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

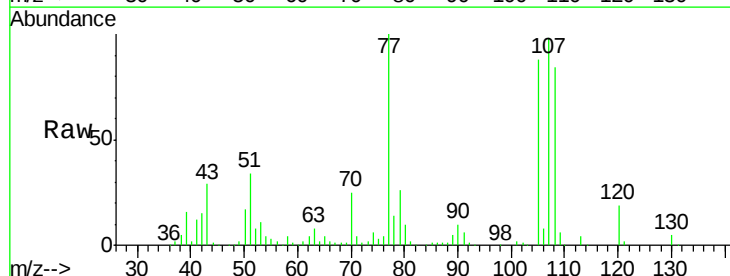
Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20
3+4-Methylphenols
Concen: 44.48 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.9	65.2	105.2
77	102.1	15.2	55.2#
79	26.8	6.0	46.0



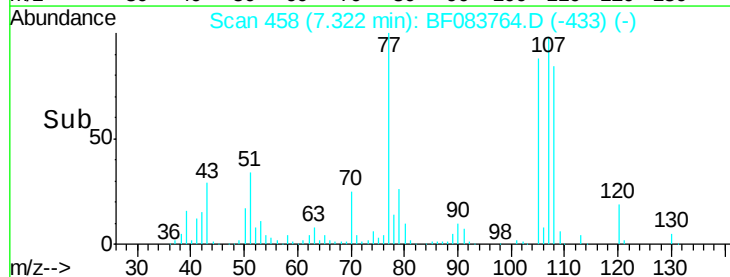
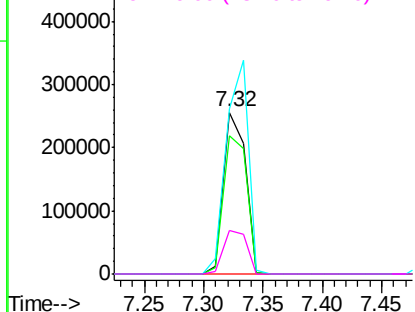
Abundance

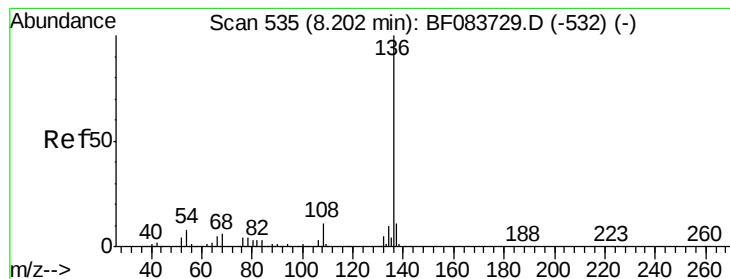
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

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: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 363913

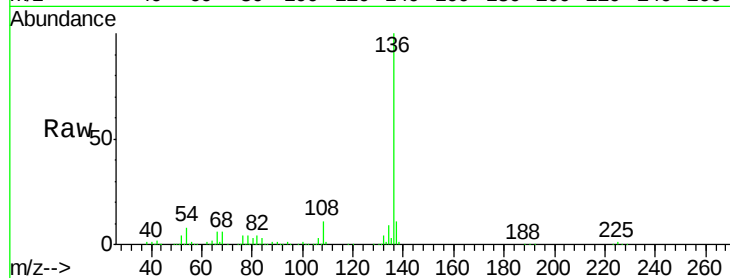
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.2 7.8 11.6

68 6.4 5.7 8.5

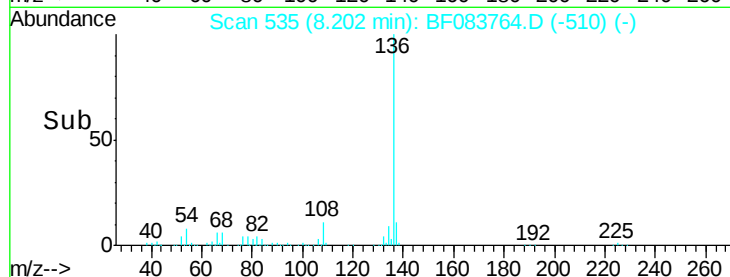


Abundance Ion 136.00 (135.70 to 136.70): E

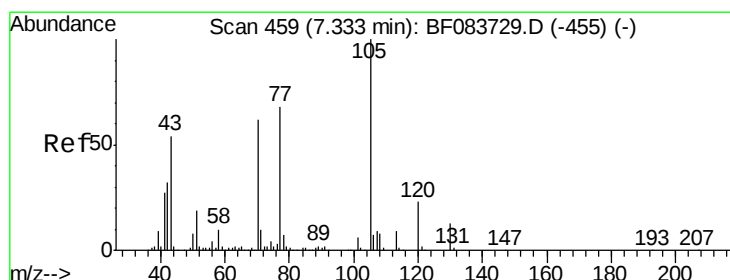
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 50.33 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Tgt Ion:105 Resp: 449357

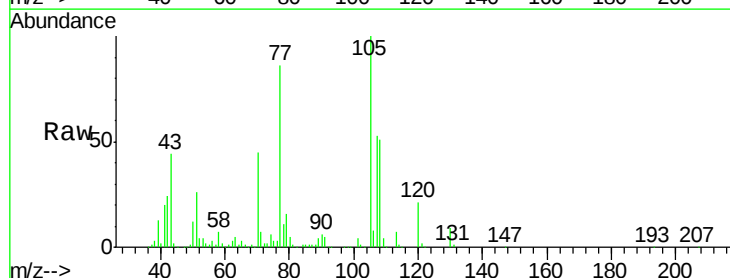
Ion Ratio Lower Upper

105 100

71 7.4 1.3 1.9#

51 25.7 23.8 35.8

120 21.4 16.7 25.1

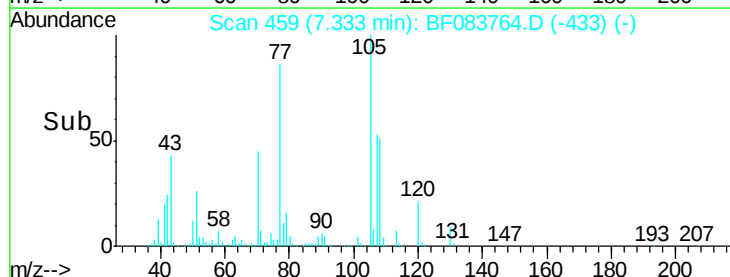


Abundance Ion 105.00 (104.70 to 105.70): E

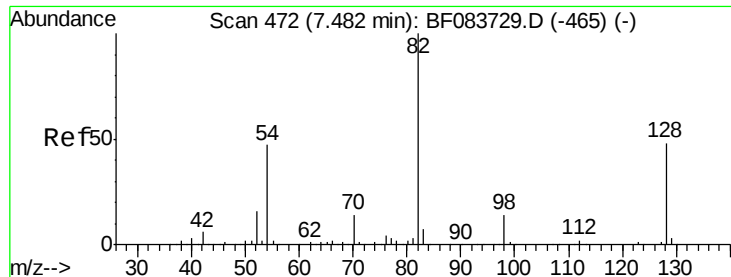
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



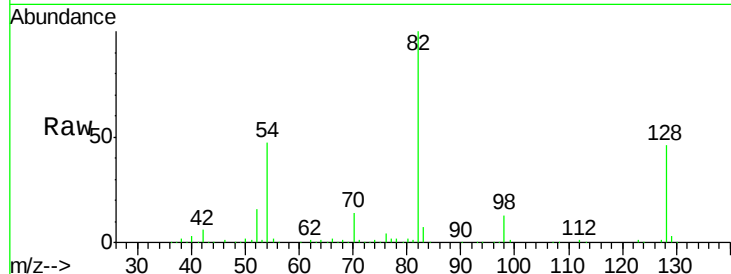
Time-->



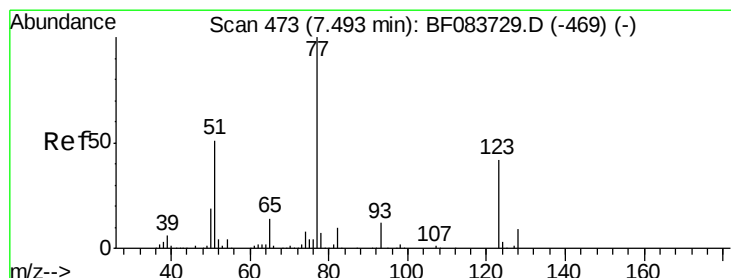
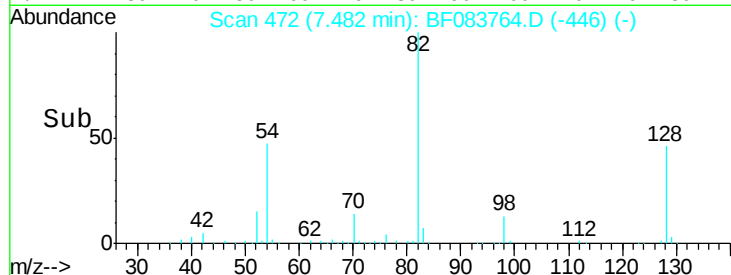
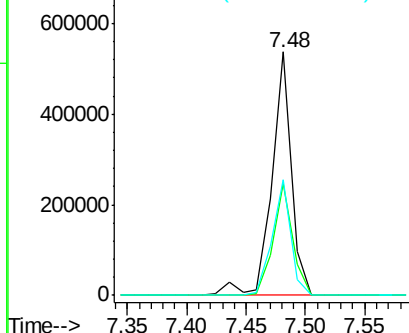
#23
 Nitrobenzene-d5
 Concen: 94.56 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	615064
Ion Ratio	100	Lower	Upper
128	45.9	30.7	46.1
54	47.4	42.5	63.7

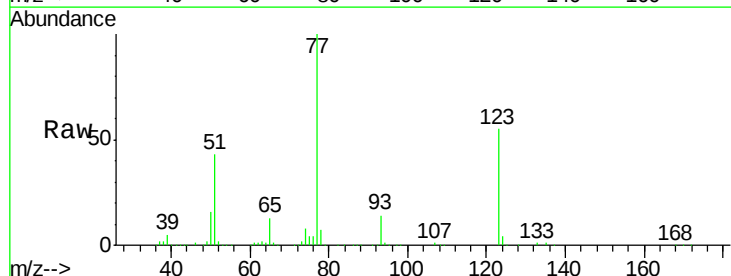


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

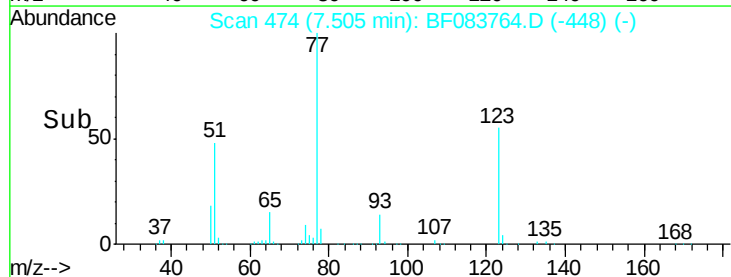
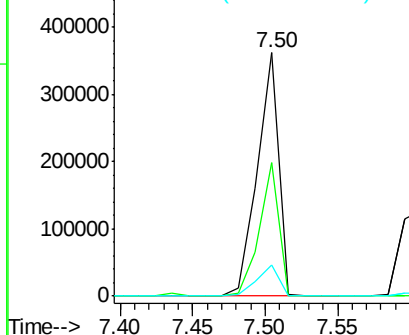


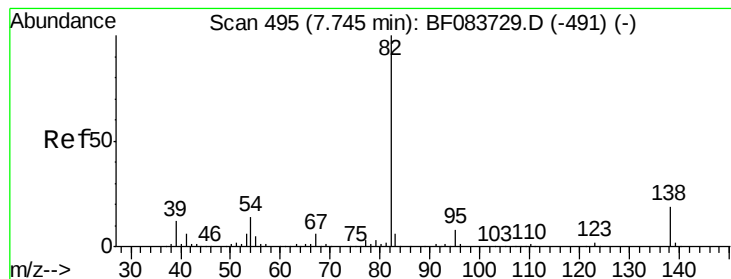
#24
 Nitrobenzene
 Concen: 54.64 ng
 RT: 7.50 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Tgt Ion	77	Resp	369911
Ion Ratio	100	Lower	Upper
123	54.9	29.8	44.6#
65	12.6	11.1	16.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 48.88 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

ClientSampleId :

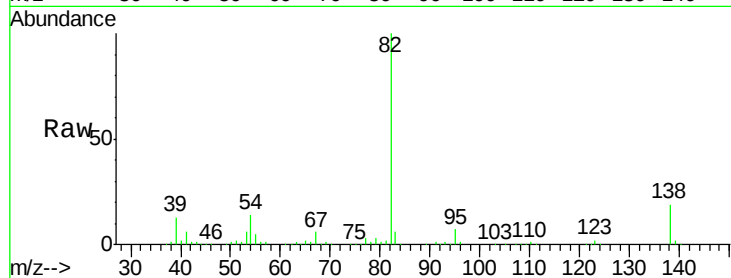
Tot Ion: 82 Resp: 623744

Ion Ratio Lower Upper

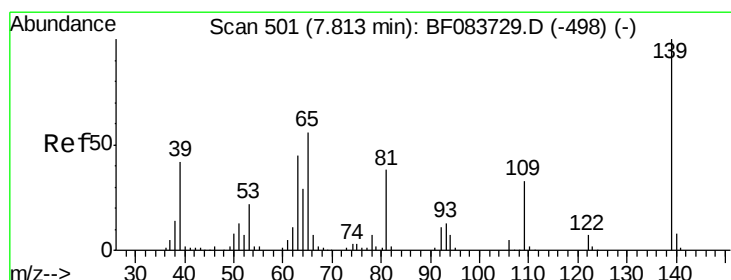
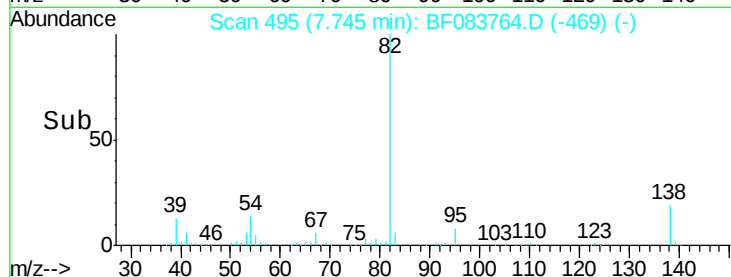
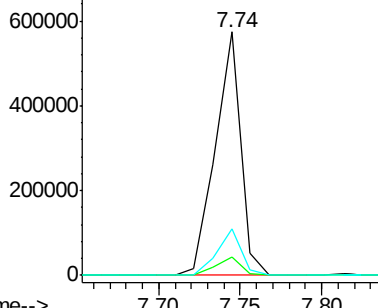
82 100

95 7.5 5.0 7.4#

138 19.1 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: 49.82 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

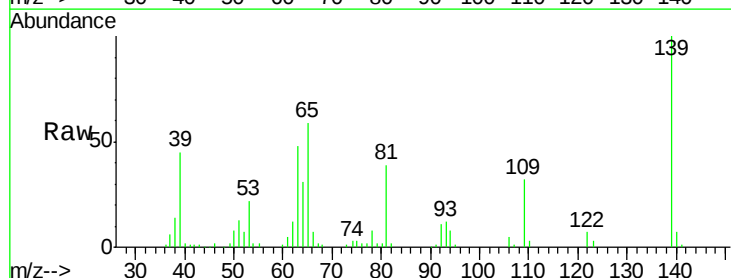
Tgt Ion: 139 Resp: 162015

Ion Ratio Lower Upper

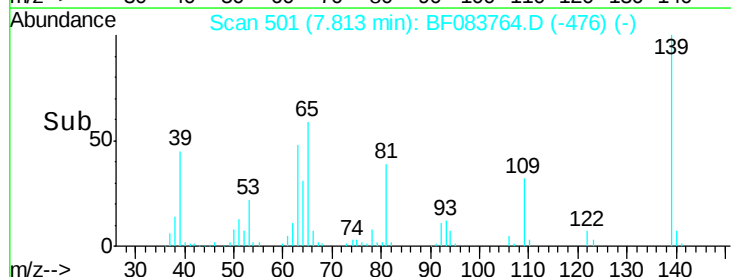
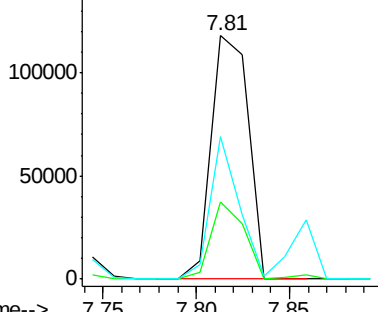
139 100

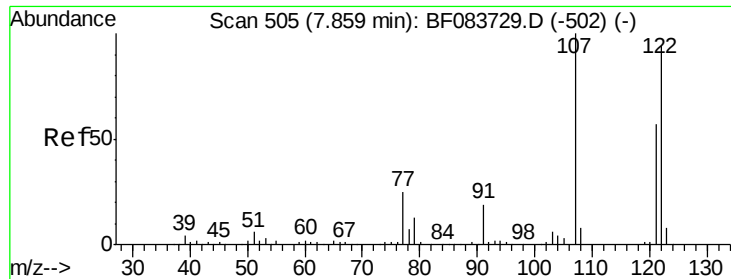
109 31.9 22.7 34.1

65 58.5 51.8 77.8



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

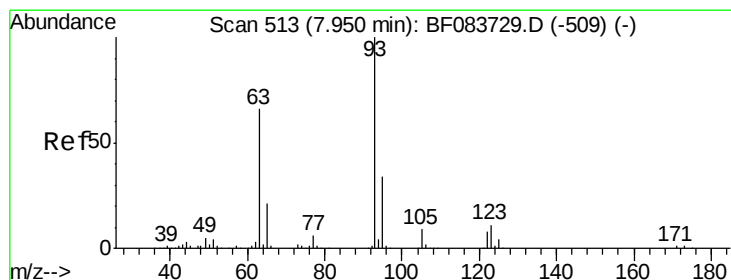
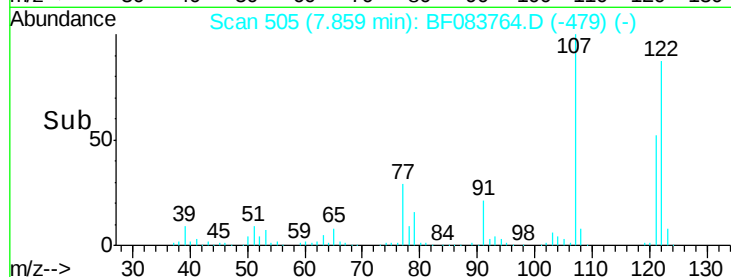
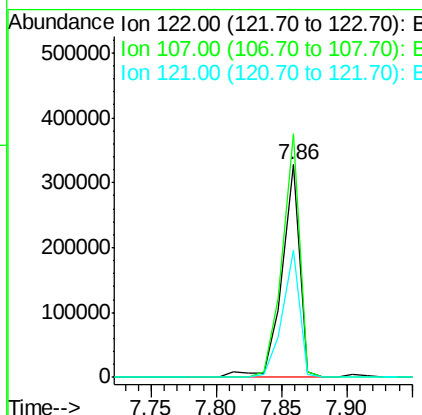
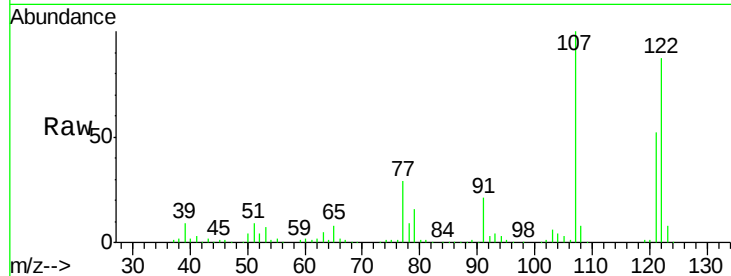




#27
 2,4-Dimethylphenol
 Concen: 49.69 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

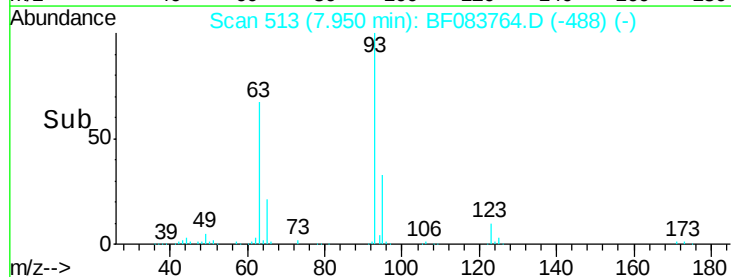
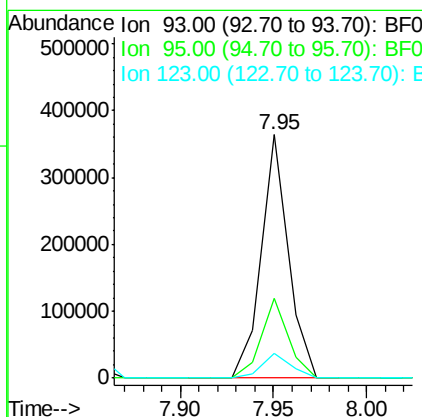
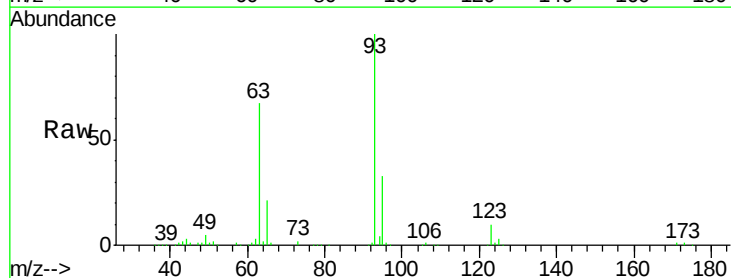
Instrument :
 BNA_F
 ClientSampled :

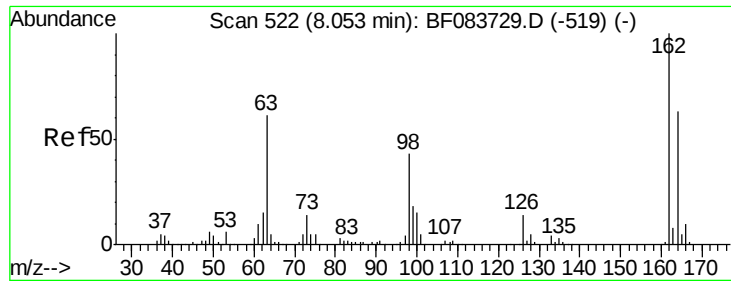
Tot Ion:122 Resp: 317526
 Ion Ratio Lower Upper
 122 100
 107 114.7 92.4 138.6
 121 59.7 45.8 68.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.06 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Tgt Ion: 93 Resp: 364518
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.6 38.4
 123 10.3 7.3 10.9

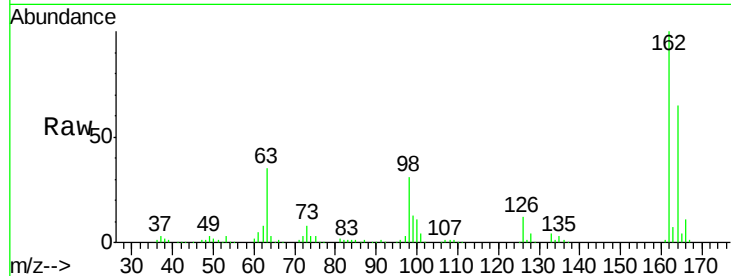




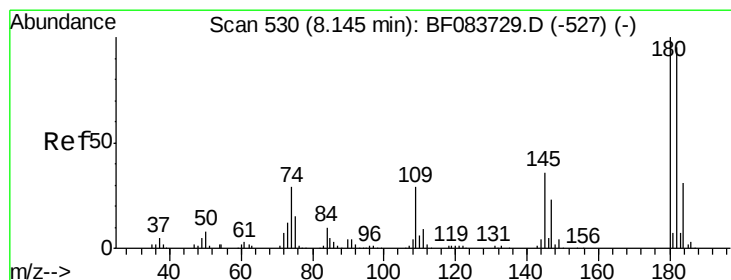
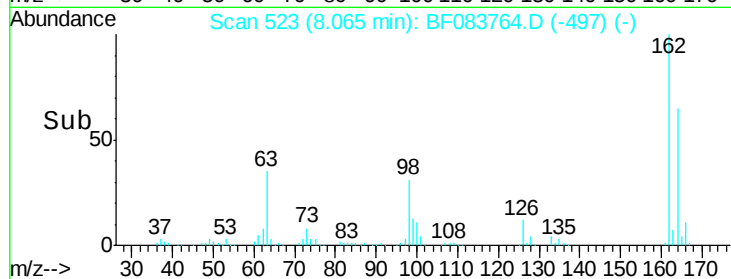
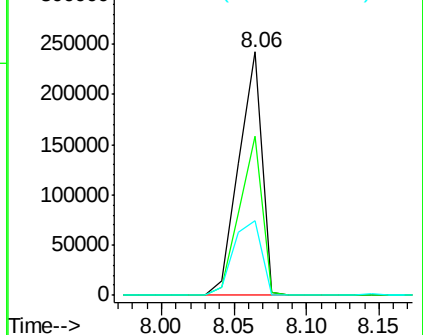
#29
 2,4-Dichlorophenol
 Concen: 51.29 ng
 RT: 8.06 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	43.4	83.4
98	30.8	17.5	57.5

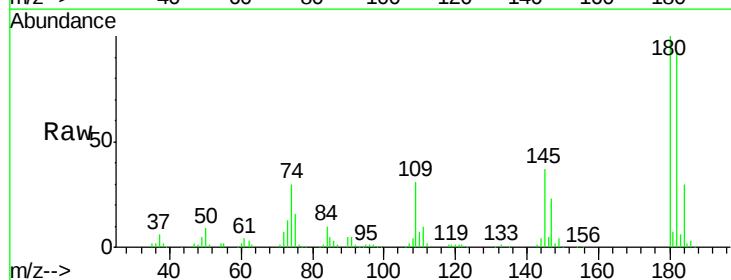


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

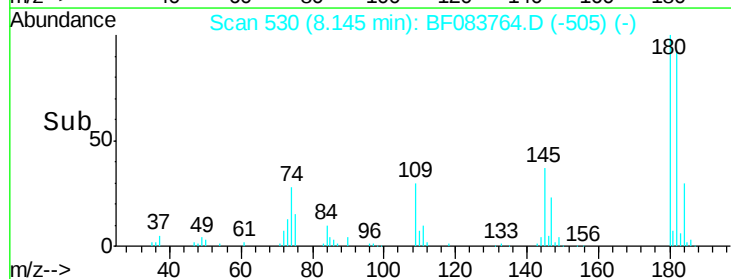
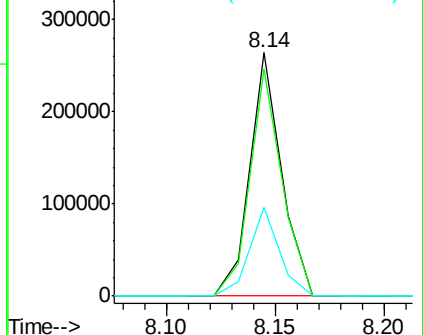


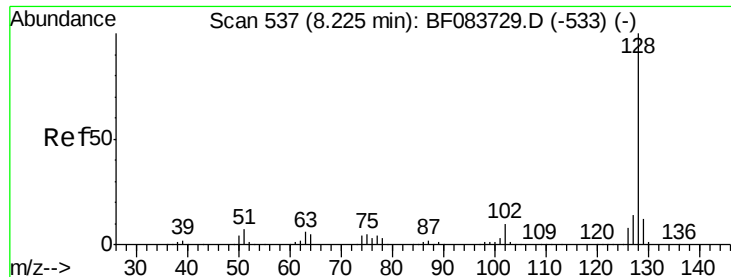
#30
 1,2,4-Trichlorobenzene
 Concen: 49.26 ng
 RT: 8.14 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	74.9	112.3
145	36.7	24.7	37.1



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

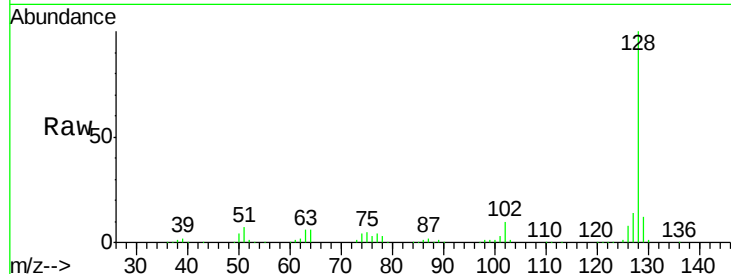




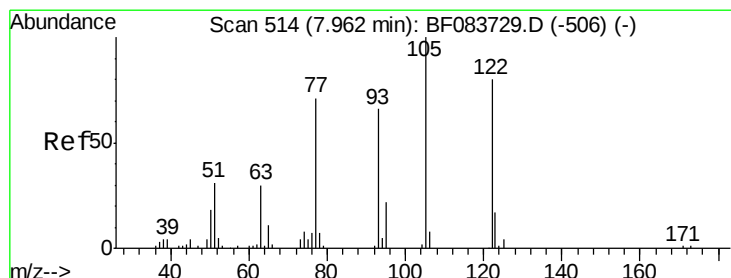
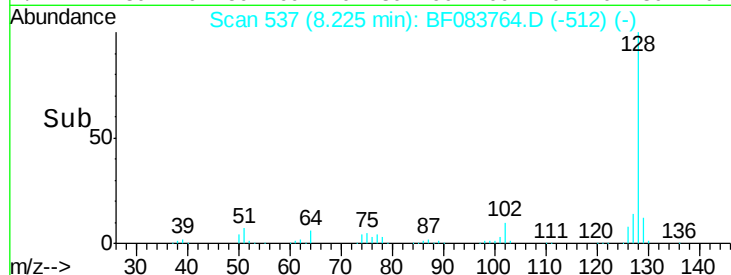
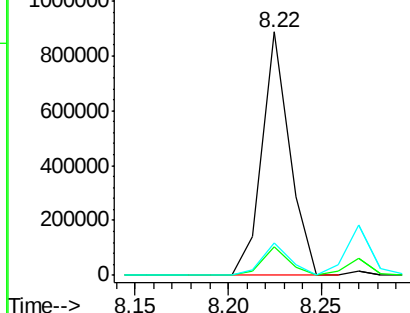
#31
Naphthalene
Concen: 47.79 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 906510
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.5 10.6 16.0

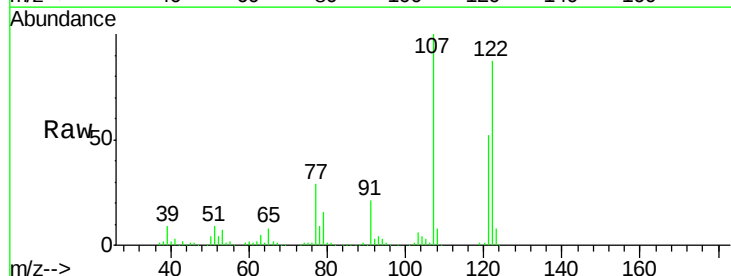


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

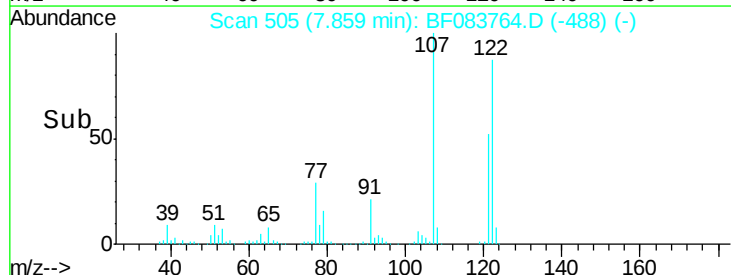
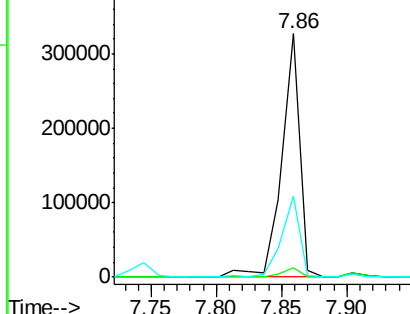


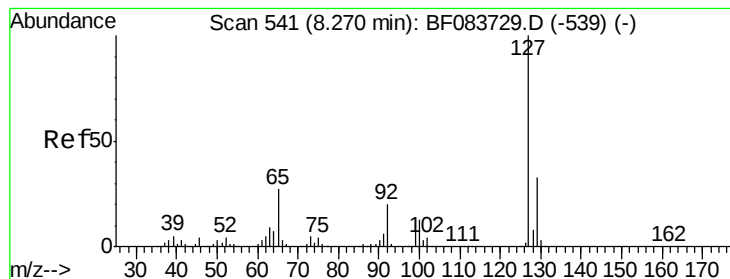
#32
Benzoic acid
Concen: 79.73 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.10 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion:122 Resp: 317526
Ion Ratio Lower Upper
122 100
105 3.8 105.6 145.6#
77 33.3 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: 22.71 ng

RT: 8.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 175951

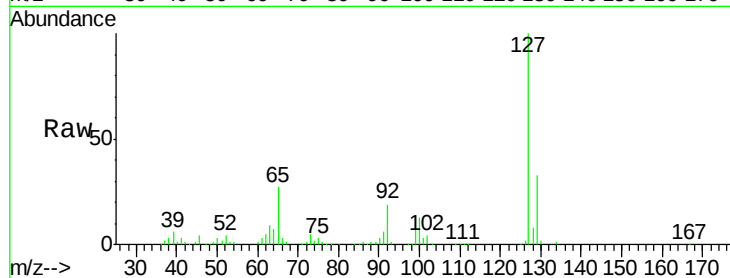
Ion Ratio Lower Upper

127 100

129 33.0 26.1 39.1

65 26.6 33.5 50.3#

92 19.0 18.6 28.0

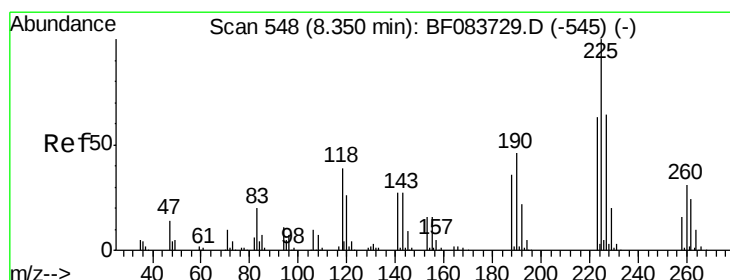
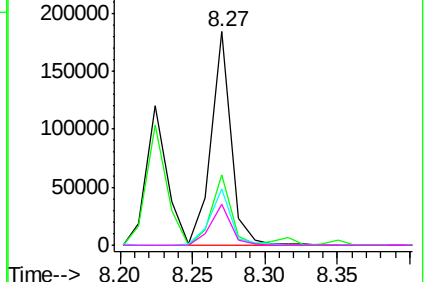
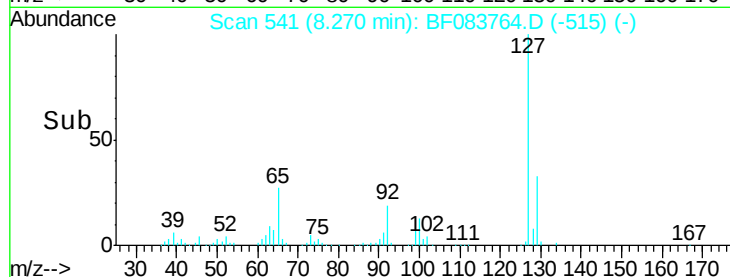


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 52.26 ng

RT: 8.35 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

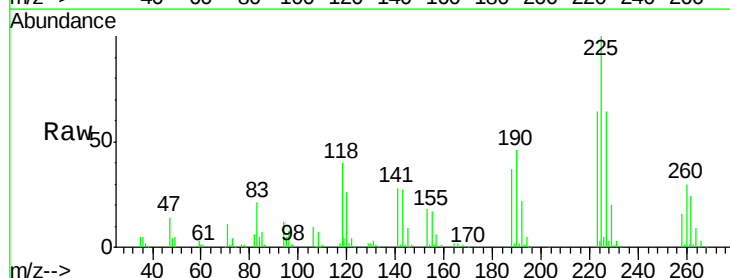
Tgt Ion:225 Resp: 156024

Ion Ratio Lower Upper

225 100

223 64.0 52.3 78.5

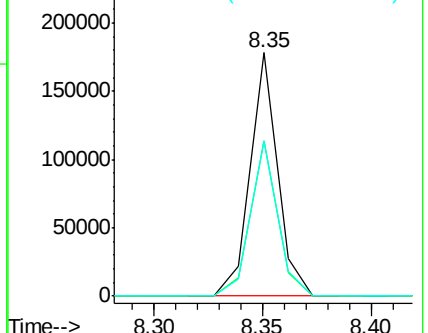
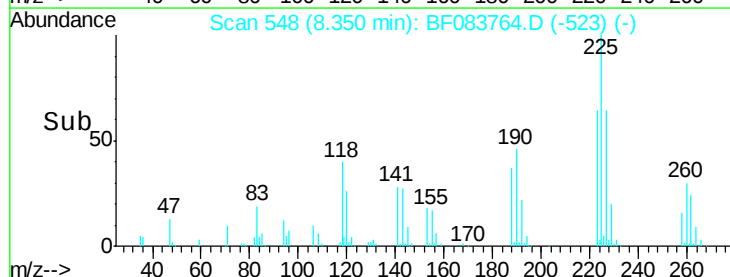
227 63.6 50.4 75.6

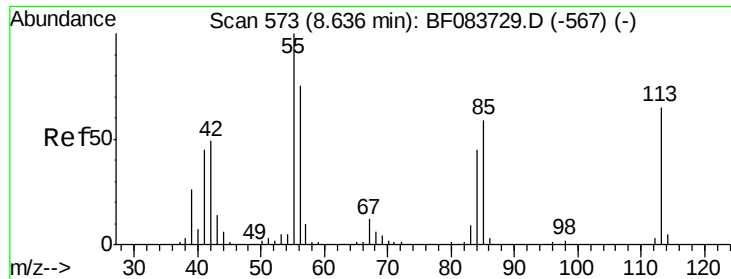


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

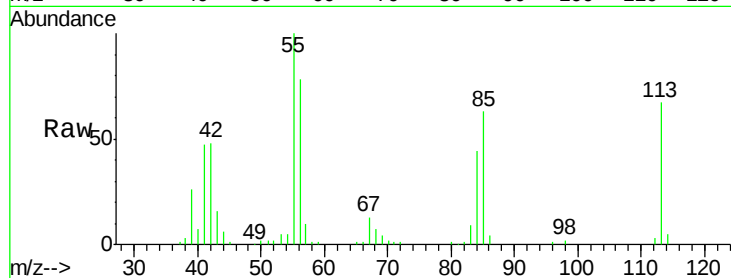




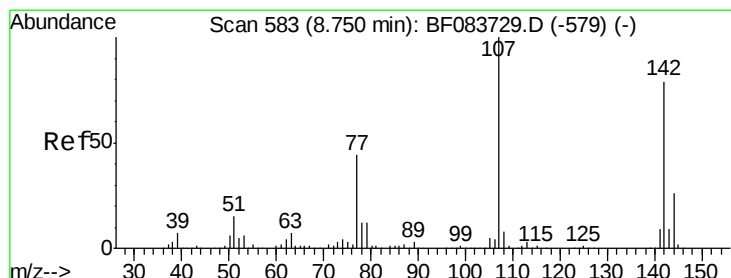
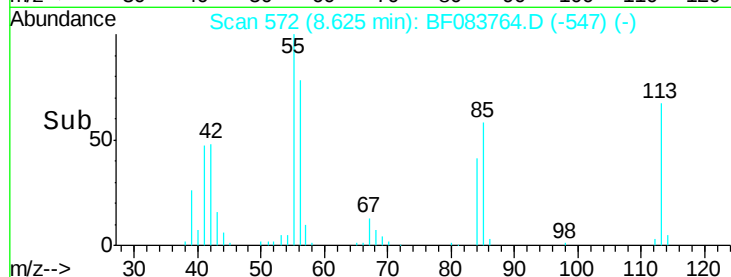
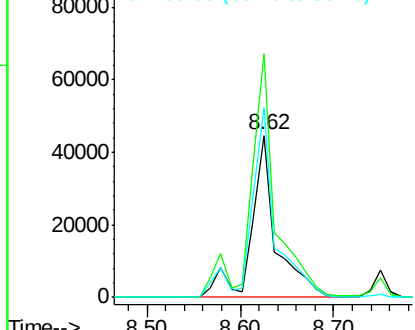
#35
Caprolactam
Concen: 47.77 ng
RT: 8.62 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 80471
Ion Ratio Lower Upper
113 100
55 150.3 189.7 229.7#
56 117.4 130.7 170.7#

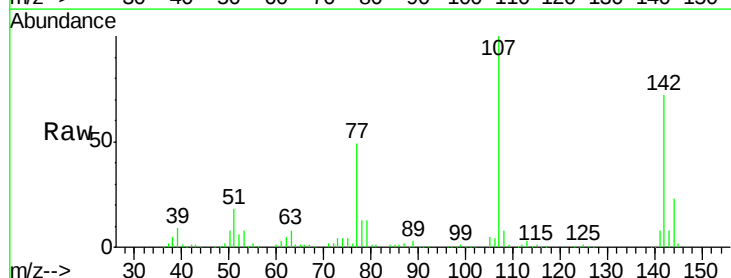


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

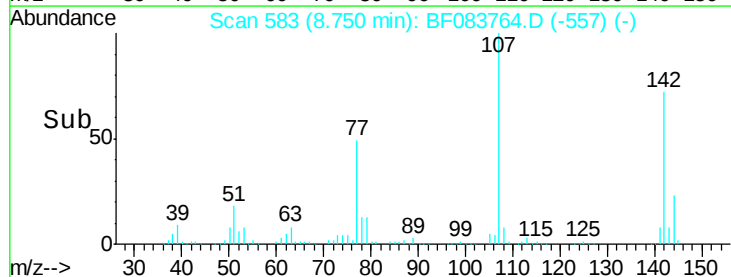
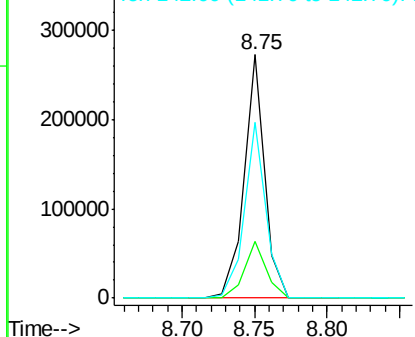


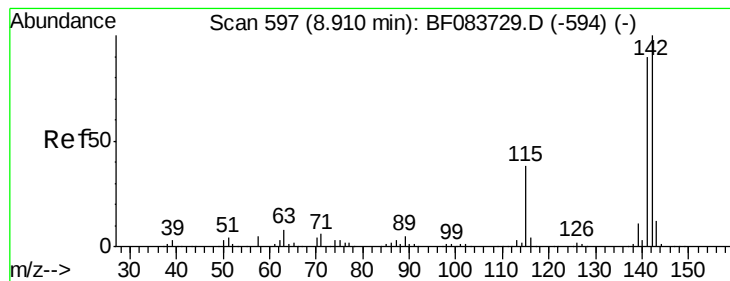
#36
4-Chloro-3-methylphenol
Concen: 43.68 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion:107 Resp: 268036
Ion Ratio Lower Upper
107 100
144 23.3 17.5 26.3
142 72.0 53.6 80.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

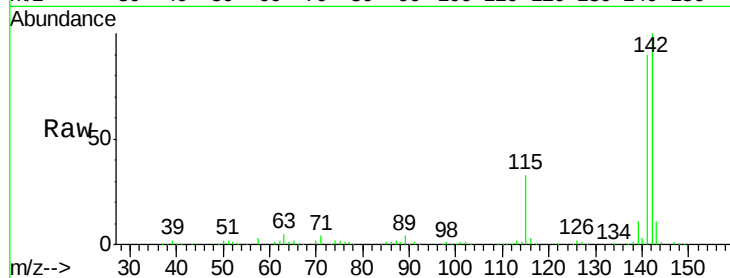




#37
2-Methylnaphthalene
Concen: 52.45 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.3	105.5
115	33.5	29.2	43.8

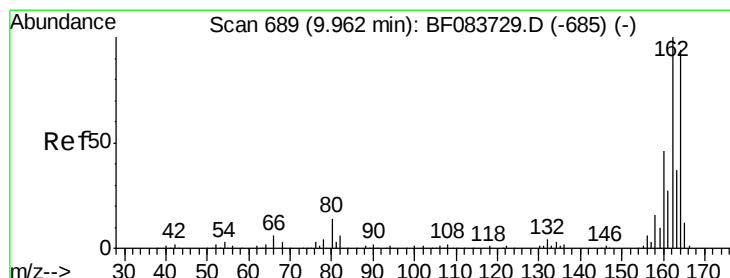
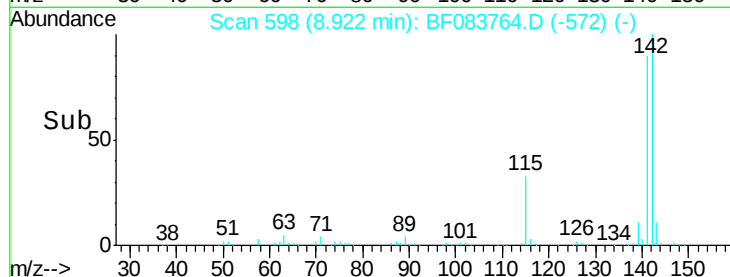
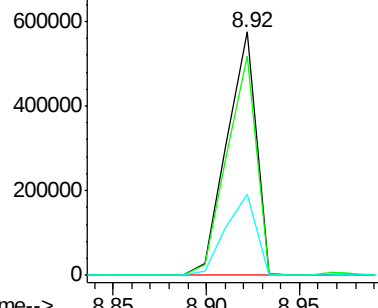


Abundance

Ion 142.00 (141.70 to 142.70): E

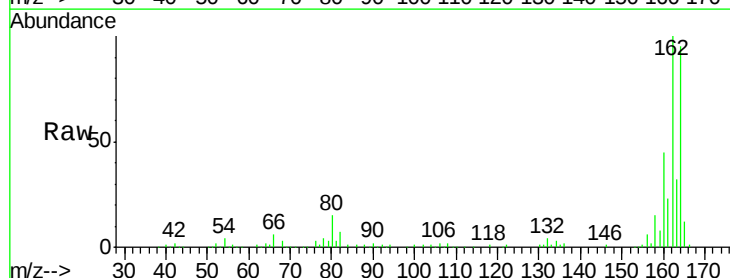
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	78.8	118.2
160	47.2	33.4	50.2

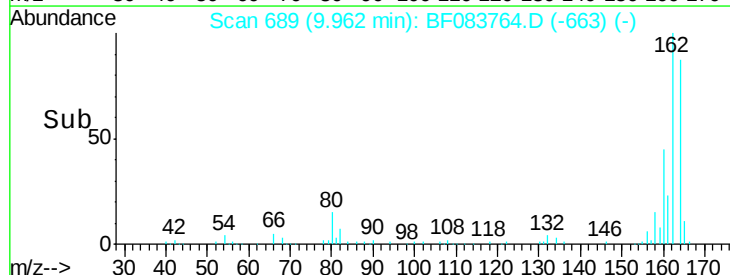
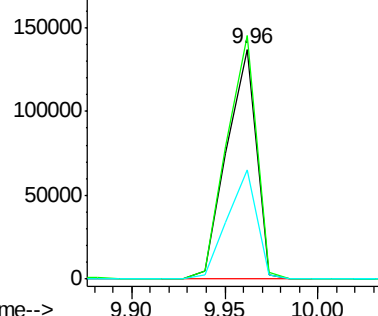


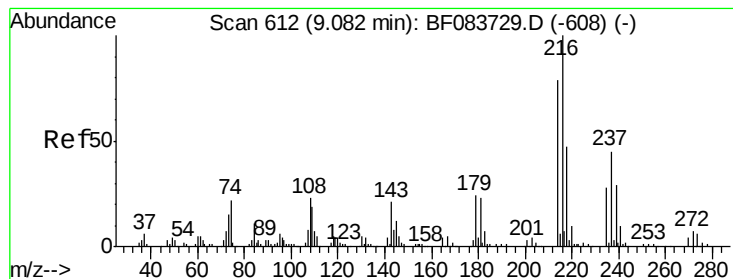
Abundance

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: 49.96 ng

RT: 9.08 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 221766

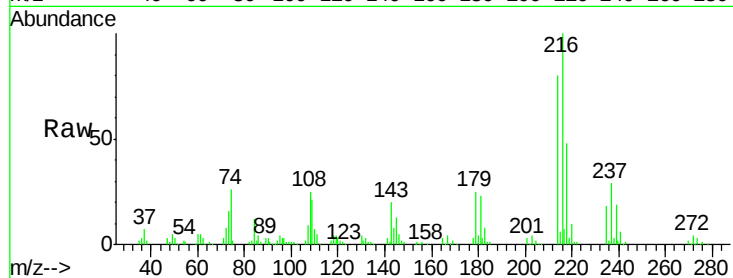
Ion Ratio Lower Upper

216 100

214 78.9 0.0 0.0#

179 22.3 0.0 0.0#

108 21.1 0.0 0.0#

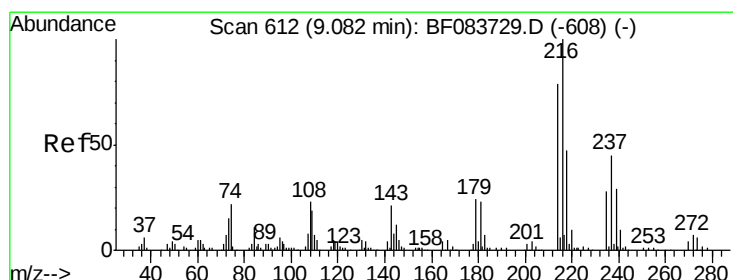
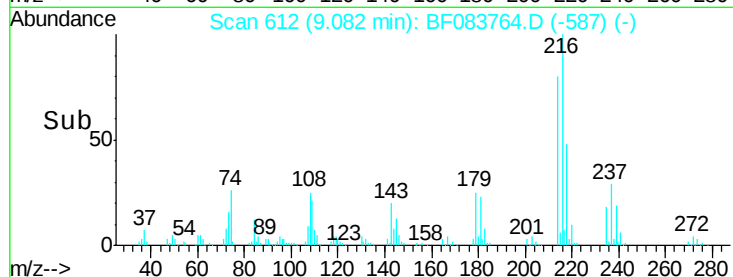
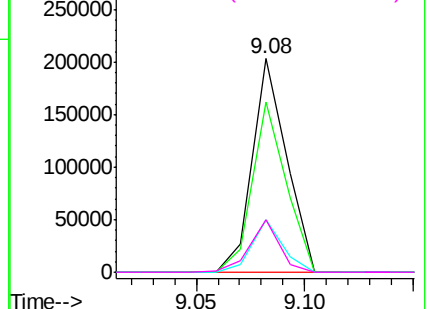


Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.71 ng

RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

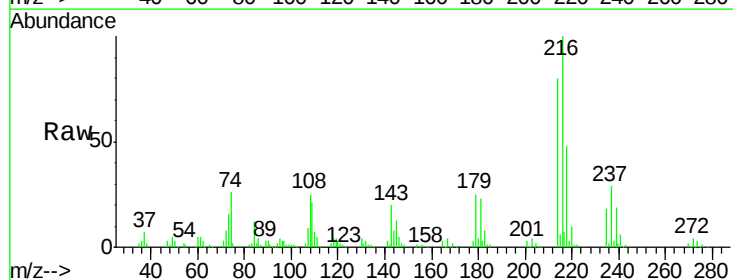
Tgt Ion:237 Resp: 73594

Ion Ratio Lower Upper

237 100

235 60.4 43.9 83.9

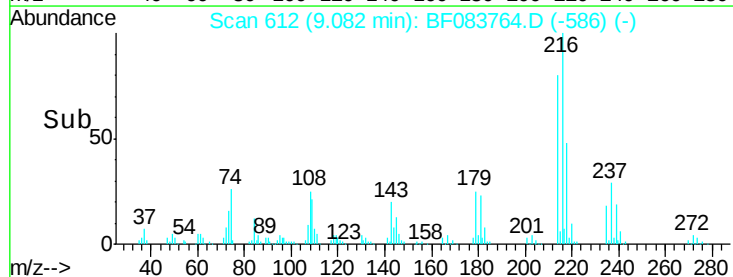
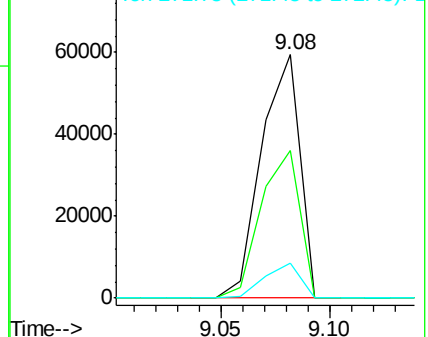
272 14.3 0.0 31.8

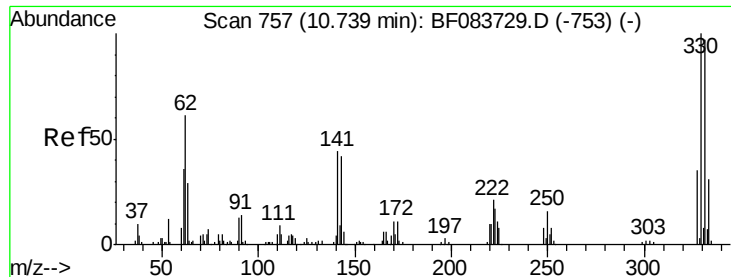


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

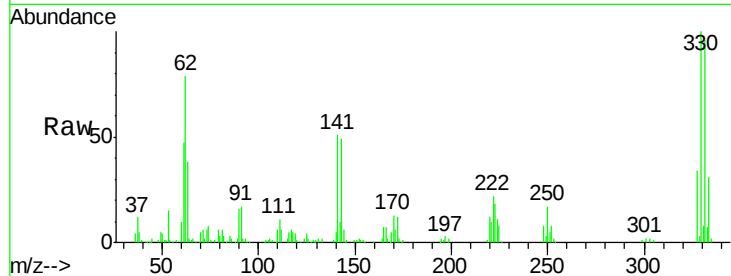




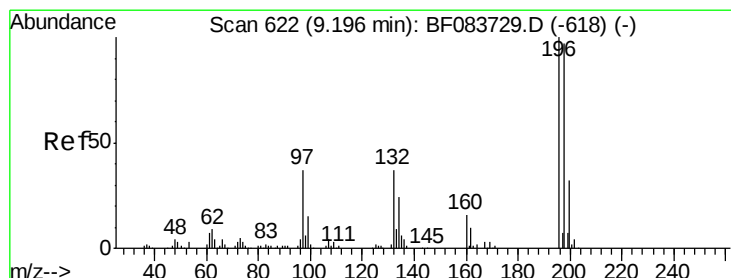
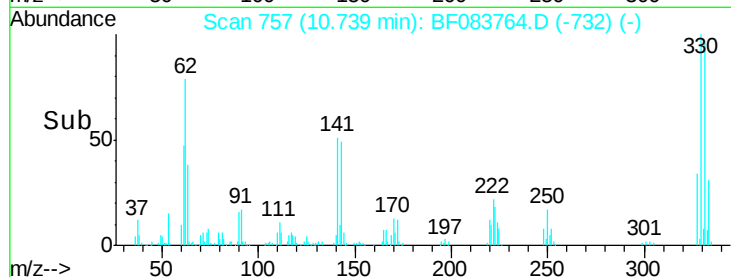
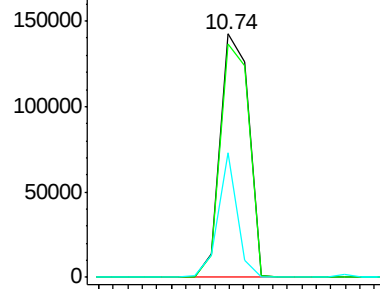
#41
 2,4,6-Tribromophenol
 Concen: 127.18 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	34.0	0.0	0.0#

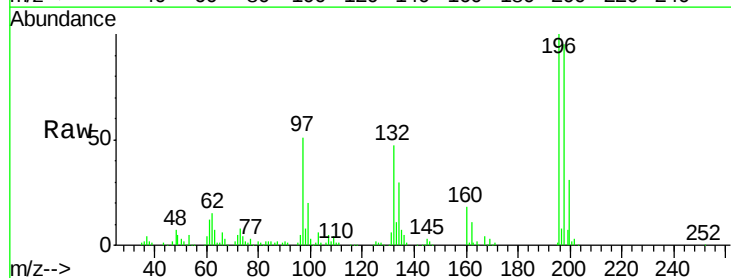


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

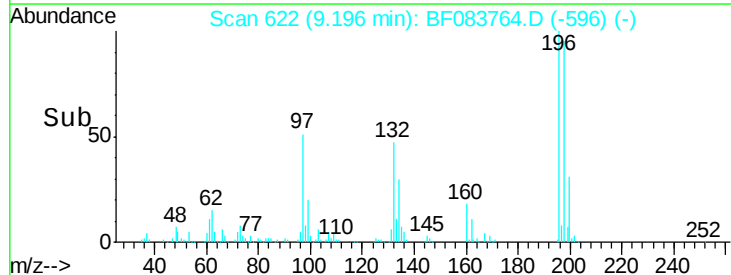
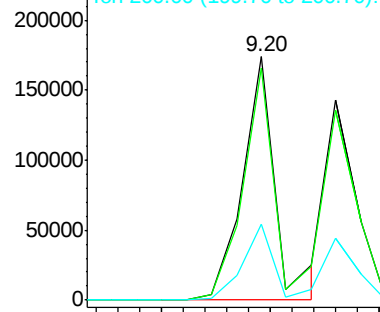


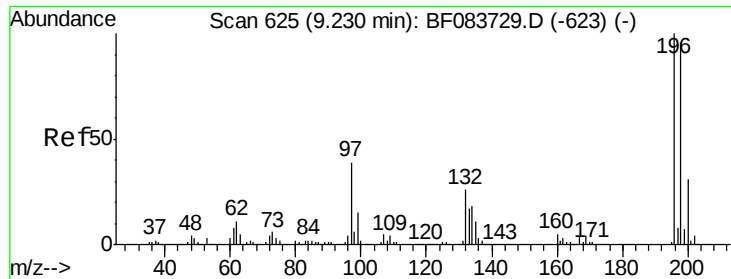
#42
 2,4,6-Trichlorophenol
 Concen: 56.65 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.2	112.8
200	31.1	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

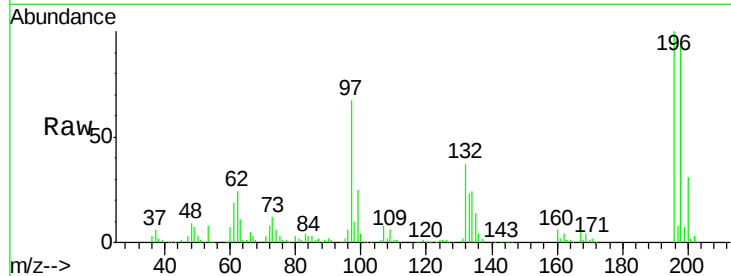




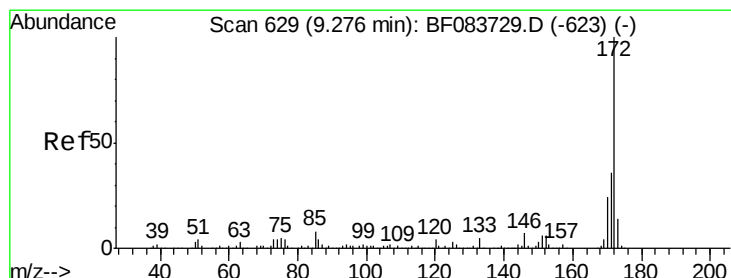
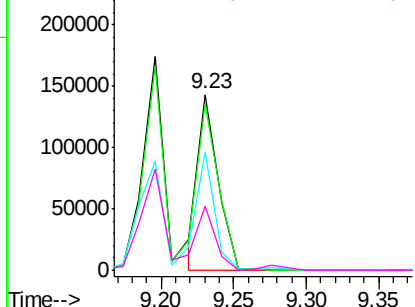
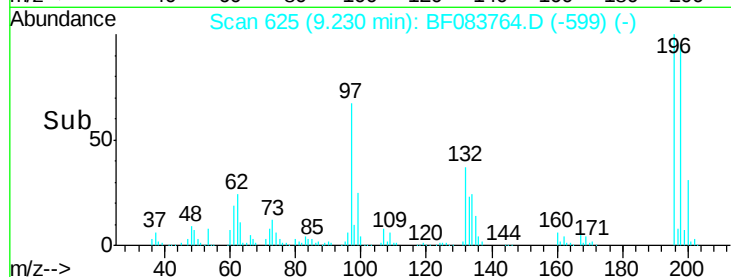
#43
 2,4,5-Trichlorophenol
 Concen: 44.80 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 138074
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.7 116.5
 97 66.8 41.2 61.8#
 132 36.8 21.8 32.8#

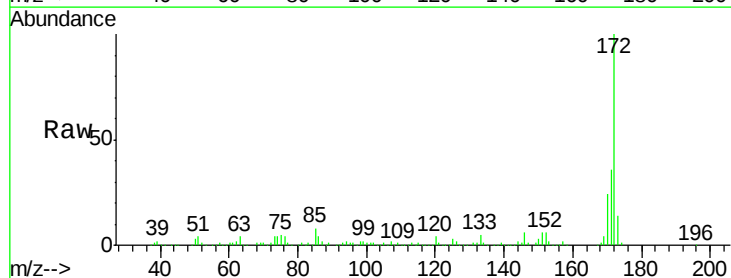


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

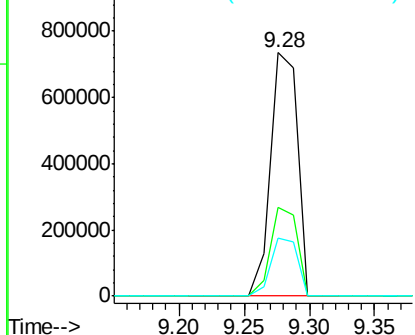
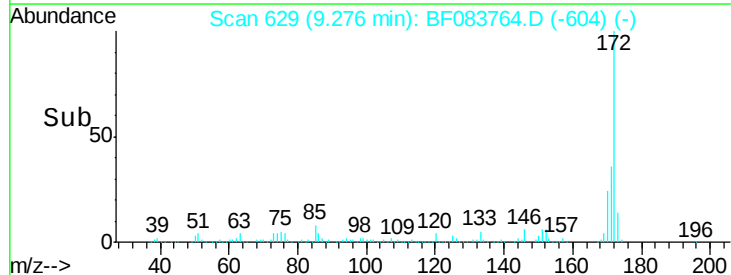


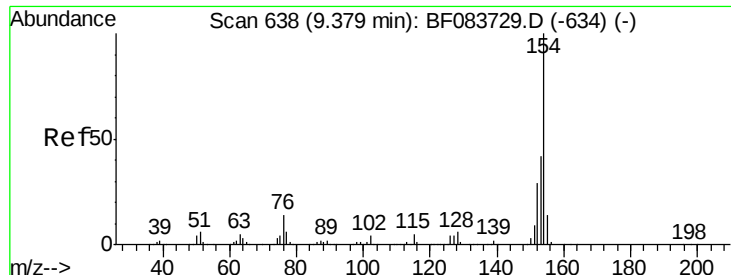
#44
 2-Fluorobiphenyl
 Concen: 118.53 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Tgt Ion:172 Resp: 1067756
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 42.8
 170 24.0 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: 47.25 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

ClientSampleId :

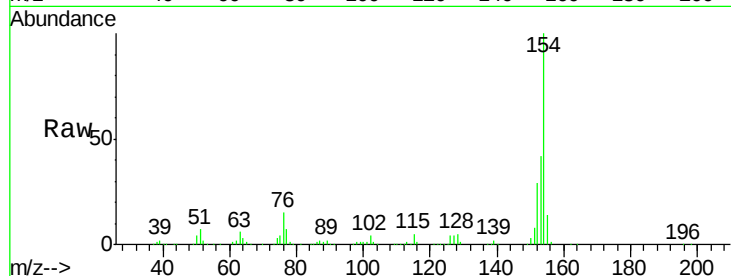
Tot Ion:154 Resp: 630121

Ion Ratio Lower Upper

154 100

153 41.8 20.2 60.2

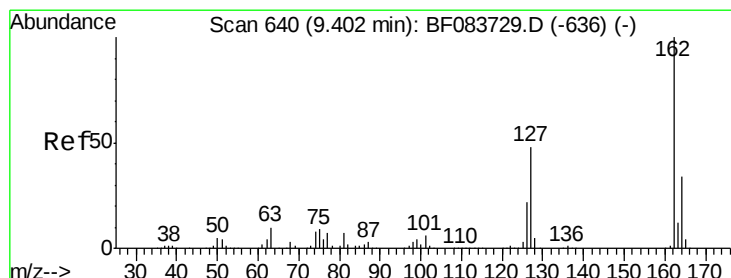
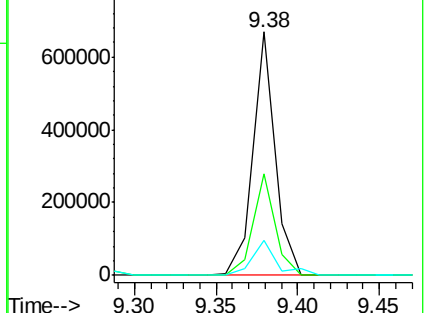
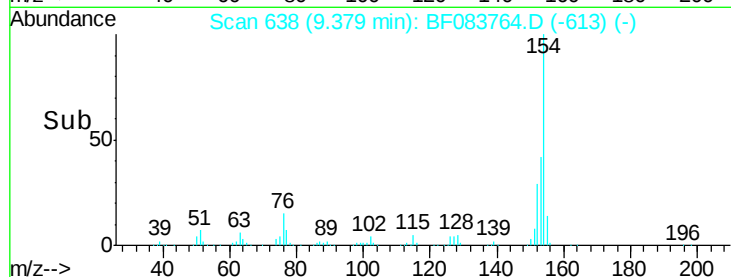
76 14.6 0.0 34.8



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: 49.20 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

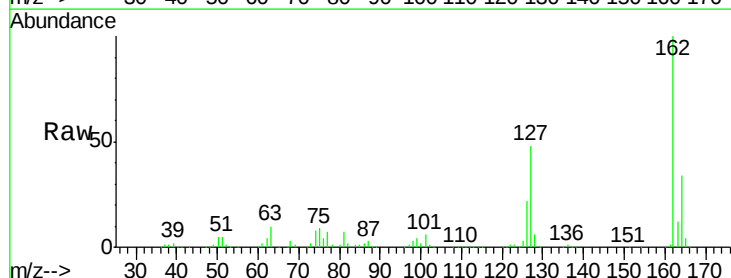
Tgt Ion:162 Resp: 484300

Ion Ratio Lower Upper

162 100

127 48.5 31.0 46.4#

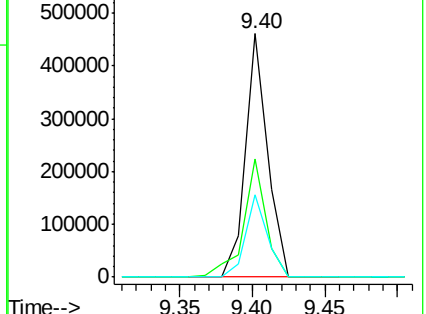
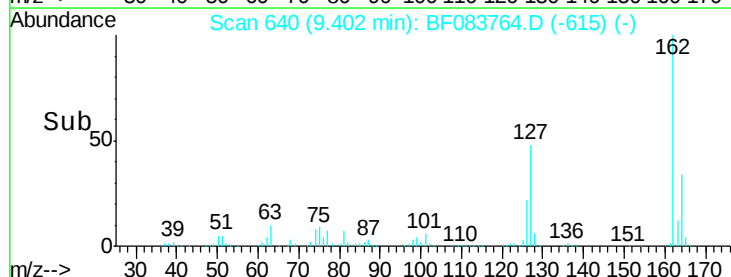
164 33.7 27.4 41.0

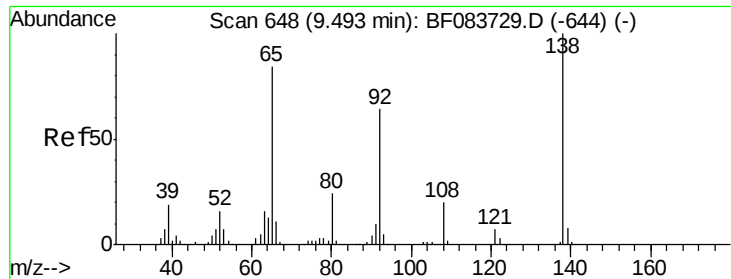


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

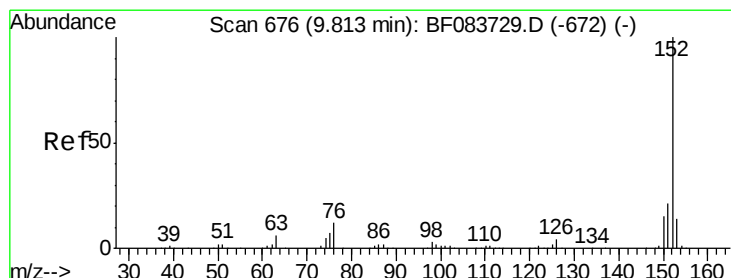
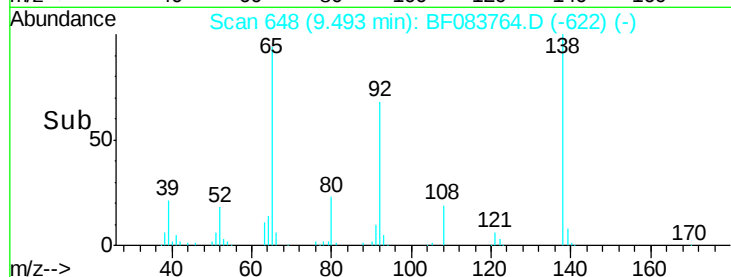
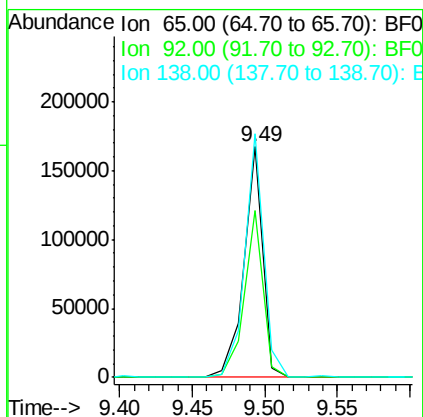
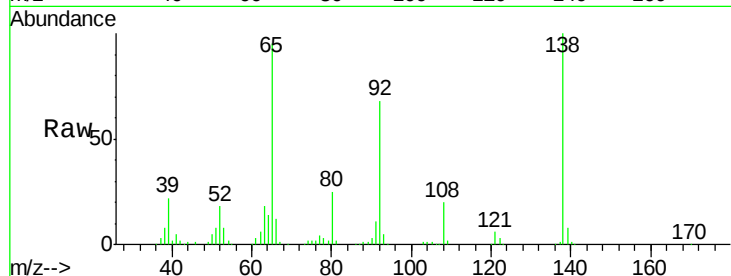




#47
 2-Nitroaniline
 Concen: 53.85 ng
 RT: 9.49 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

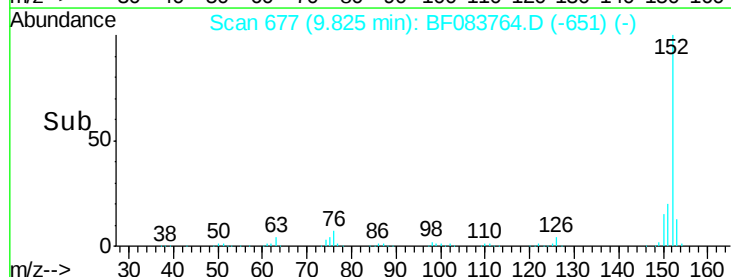
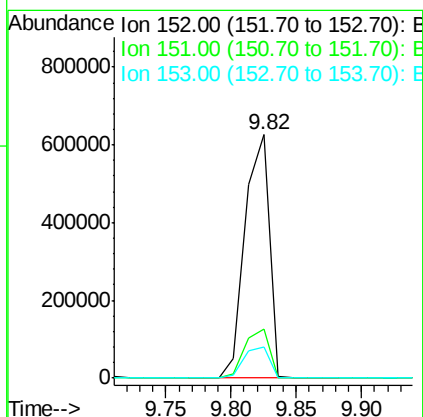
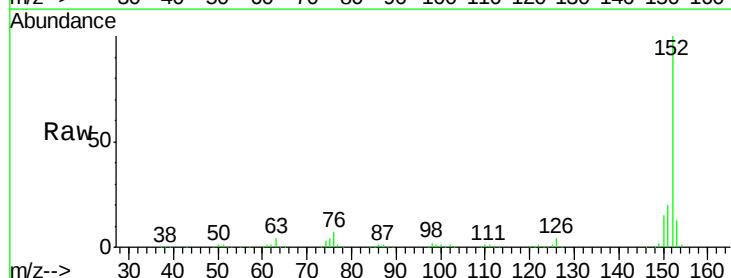
Instrument :
 BNA_F
 ClientSampleId :

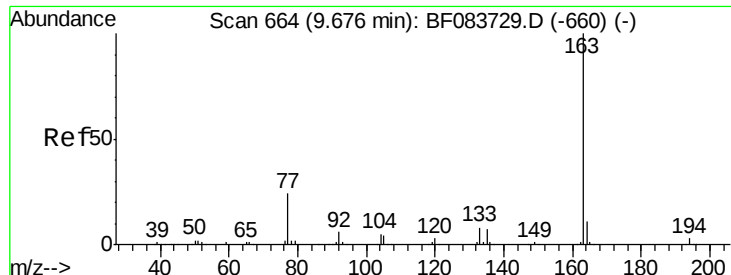
Tot Ion	Ratio	Lower	Upper
65	100		
92	72.1	49.6	74.4
138	105.6	64.1	96.1



#48
 Acenaphthylene
 Concen: 48.99 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.0	10.8	16.2

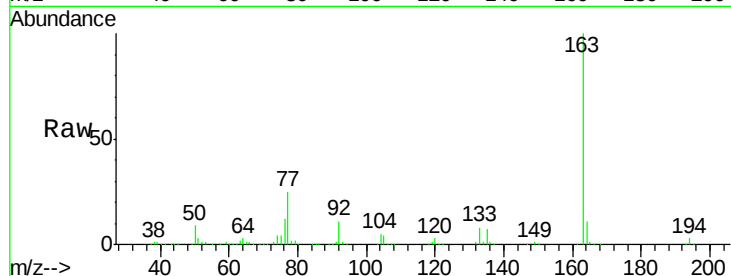




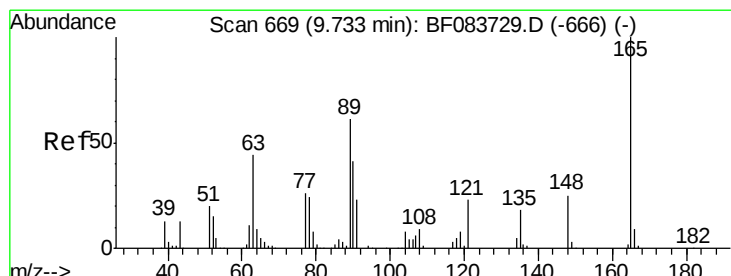
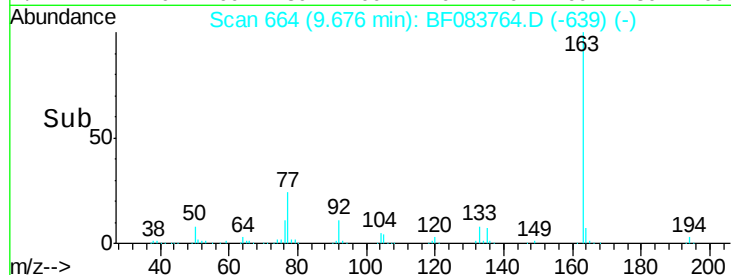
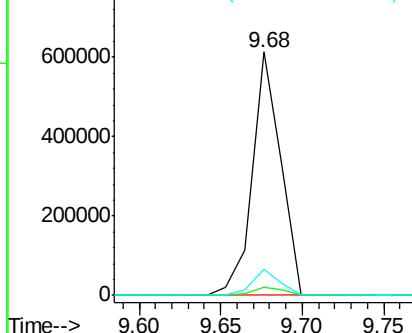
#49
Dimethylphthalate
Concen: 62.84 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 737220
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.8 8.6 13.0

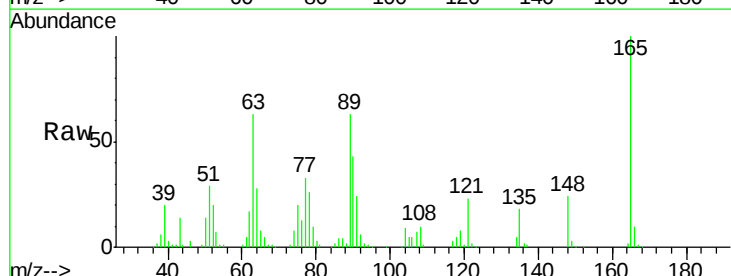


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

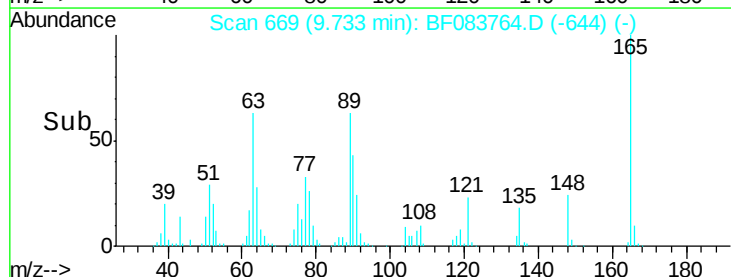
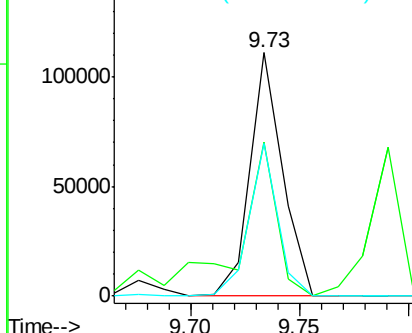


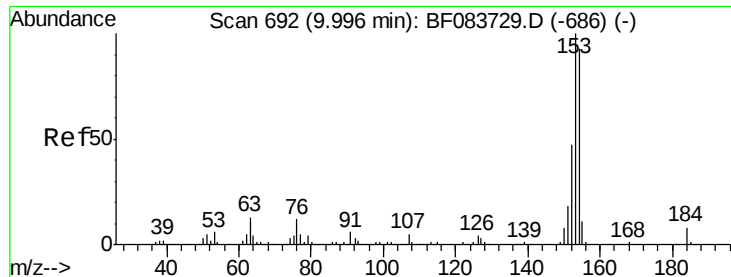
#50
2,6-Dinitrotoluene
Concen: 46.40 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion:165 Resp: 115525
Ion Ratio Lower Upper
165 100
63 63.1 56.9 85.3
89 62.8 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: 48.52 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

ClientSampled :

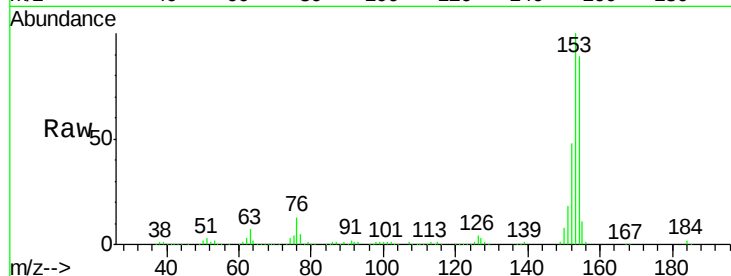
Tot Ion:154 Resp: 485874

Ion Ratio Lower Upper

154 100

153 112.0 91.4 137.0

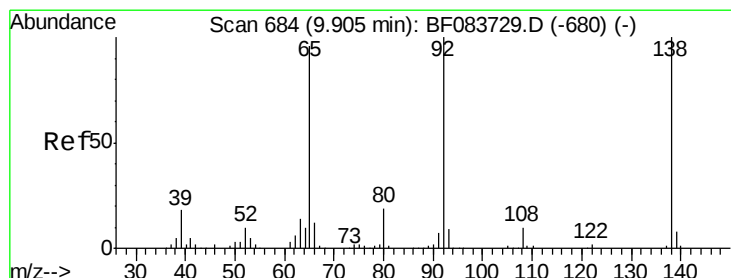
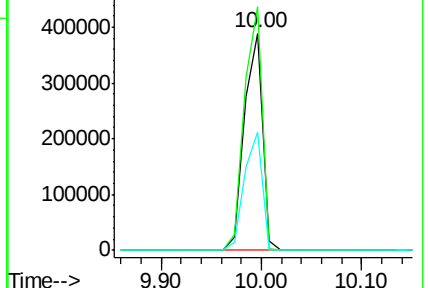
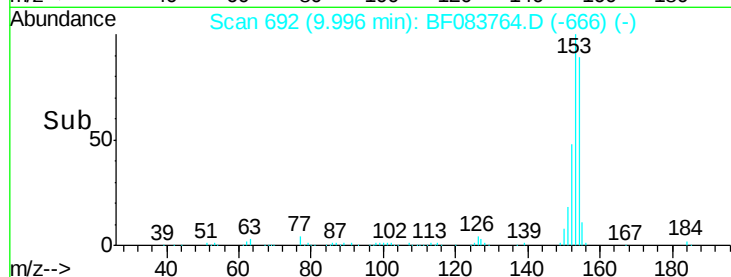
152 54.1 43.4 65.2



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: 35.59 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

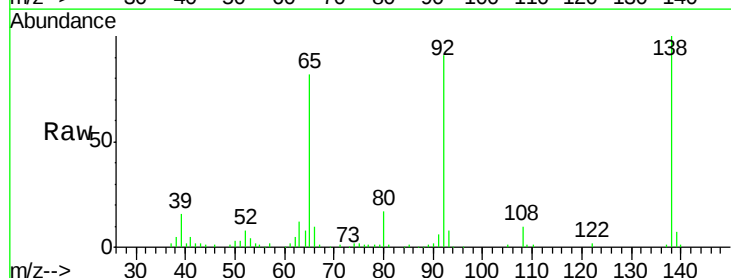
Tgt Ion:138 Resp: 102165

Ion Ratio Lower Upper

138 100

108 10.5 9.9 14.9

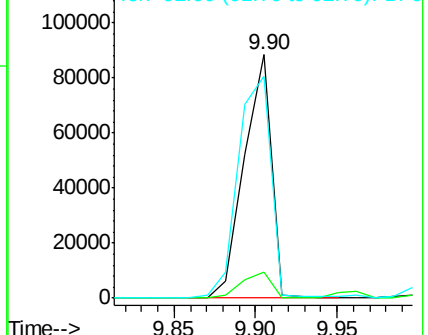
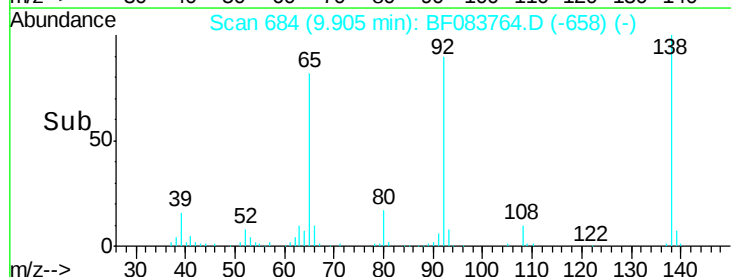
92 91.0 113.8 170.8#

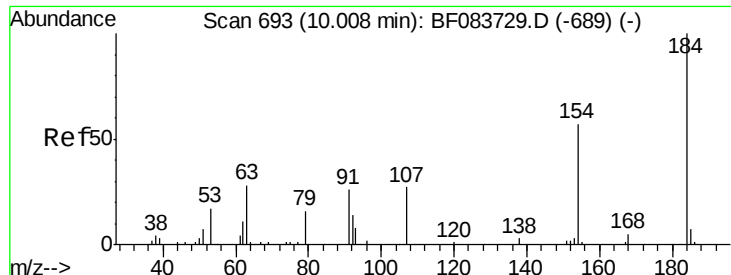


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

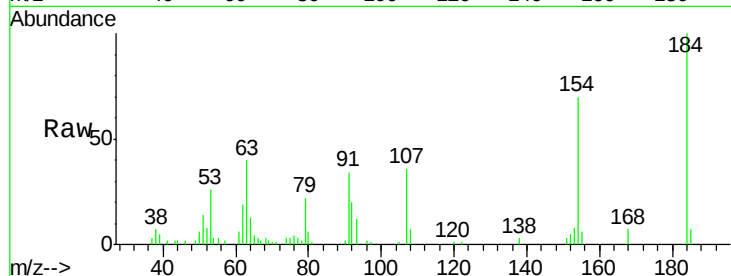




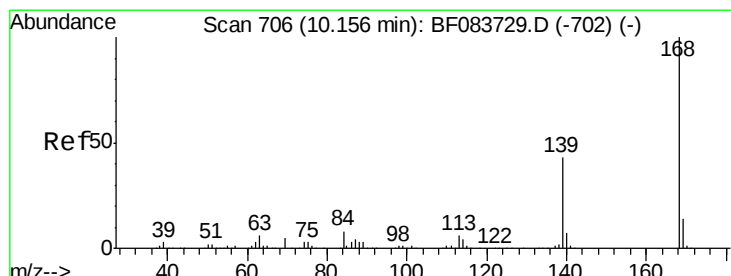
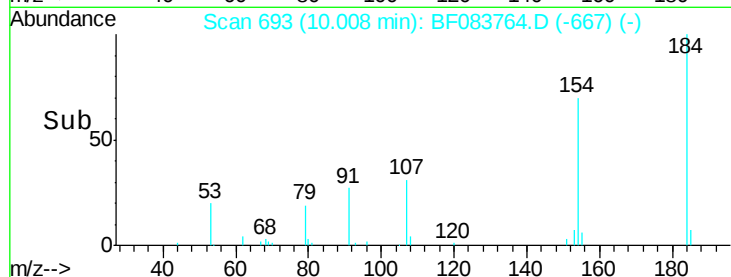
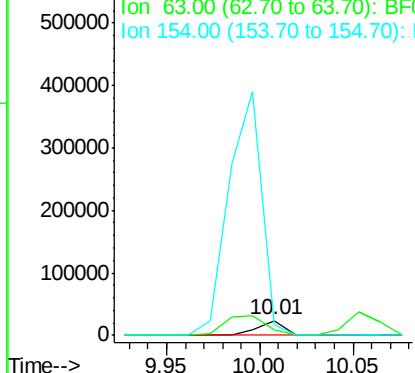
#53
 2,4-Dinitrophenol
 Concen: 26.69 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 22851
 Ion Ratio Lower Upper
 184 100
 63 40.5 62.4 93.6#
 154 69.7 46.6 69.8

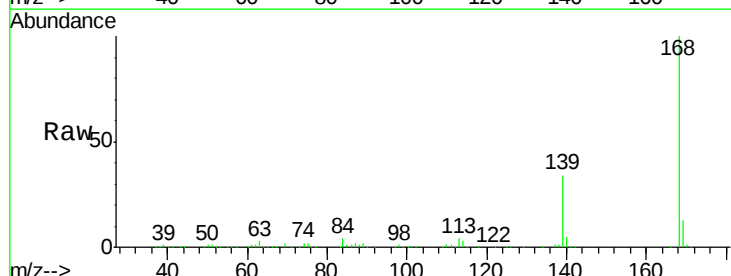


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

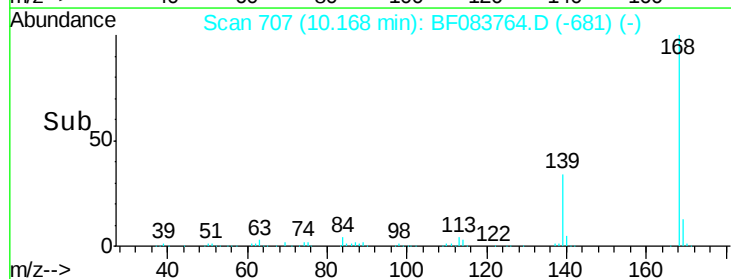
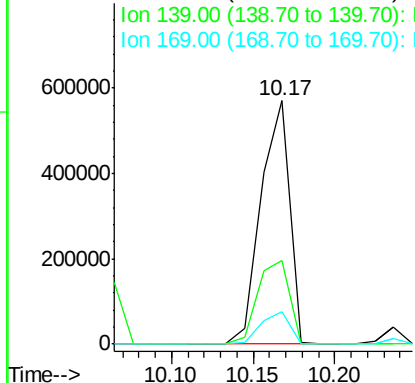


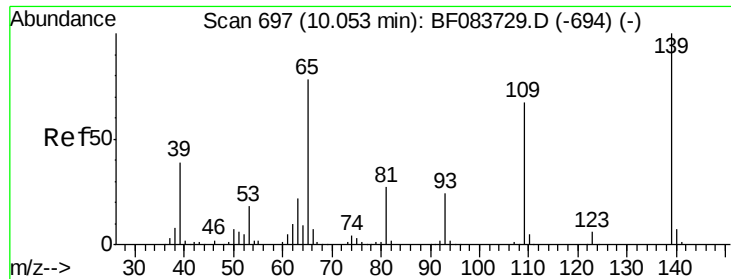
#54
 Dibenzofuran
 Concen: 52.42 ng
 RT: 10.17 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Tgt Ion:168 Resp: 695466
 Ion Ratio Lower Upper
 168 100
 139 34.3 28.0 42.0
 169 13.2 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

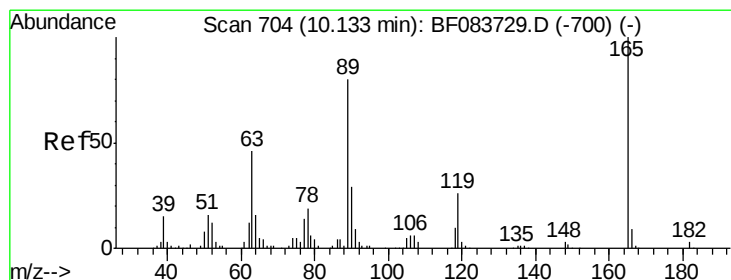
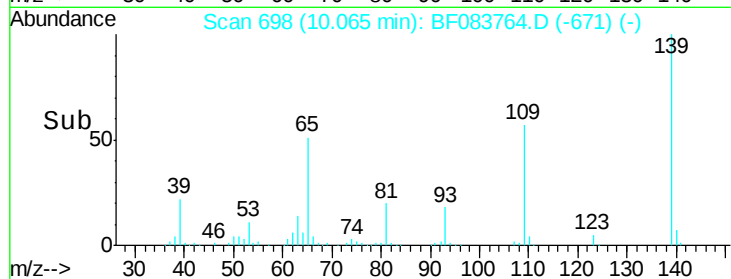
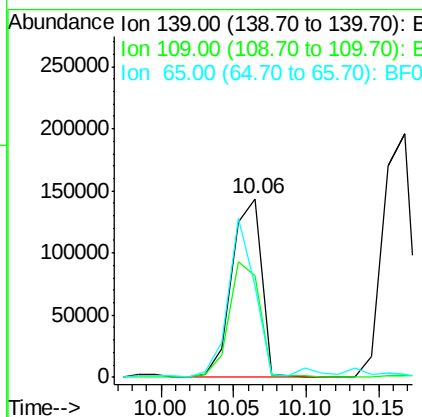
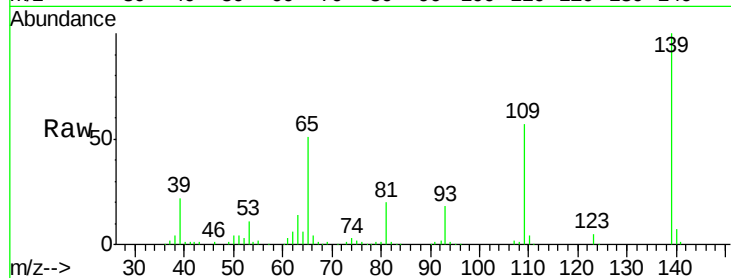




#55
4-Nitrophenol
Concen: 97.09 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

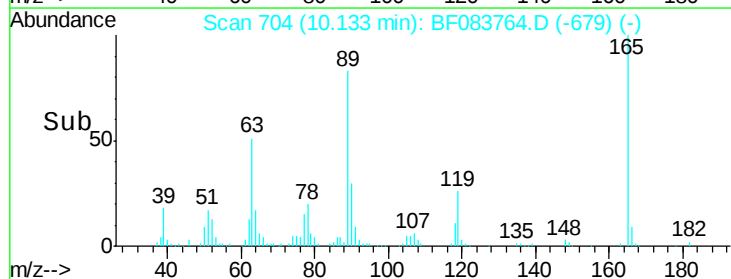
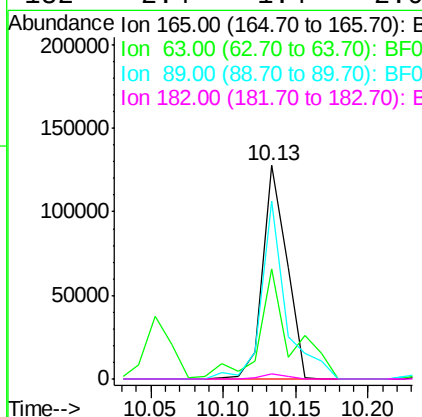
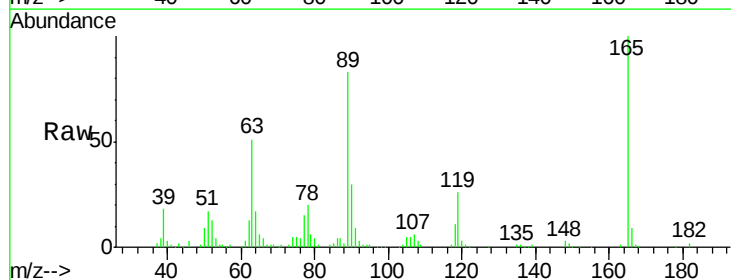
Instrument :
BNA_F
ClientSampleId :

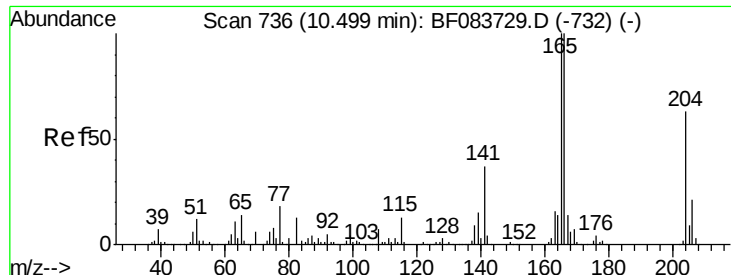
Tot Ion:139 Resp: 206382
Ion Ratio Lower Upper
139 100
109 56.8 42.0 82.0
65 51.1 89.2 129.2#



#56
2,4-Dinitrotoluene
Concen: 45.13 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion:165 Resp: 146785
Ion Ratio Lower Upper
165 100
63 51.3 51.4 77.2#
89 83.2 72.6 108.8
182 2.4 1.4 2.0#

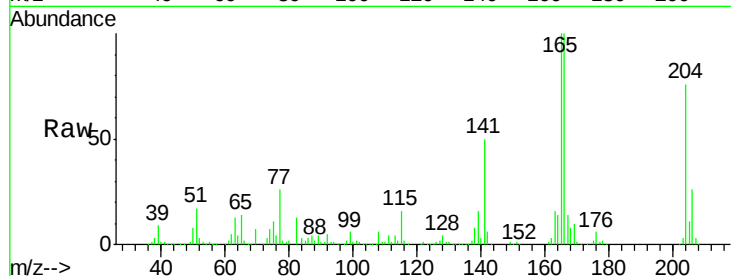




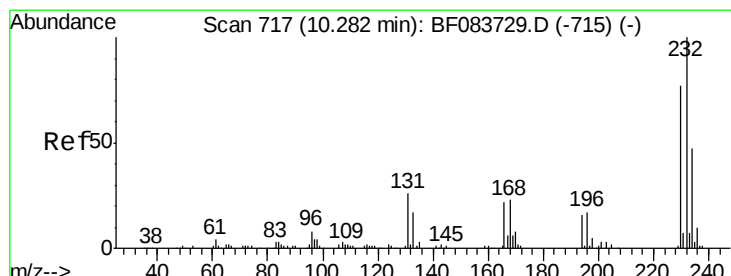
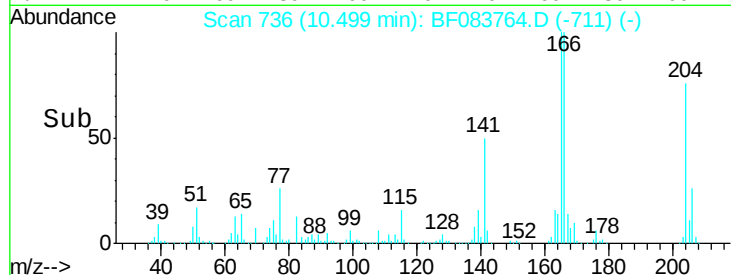
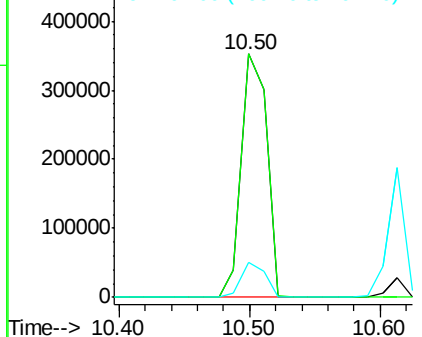
#57
Fluorene
 Concen: 45.74 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 477879
 Ion Ratio Lower Upper
 166 100
 165 100.0 80.0 120.0
 167 14.3 10.6 16.0

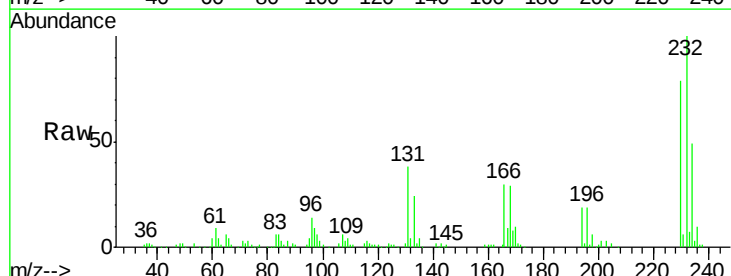


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

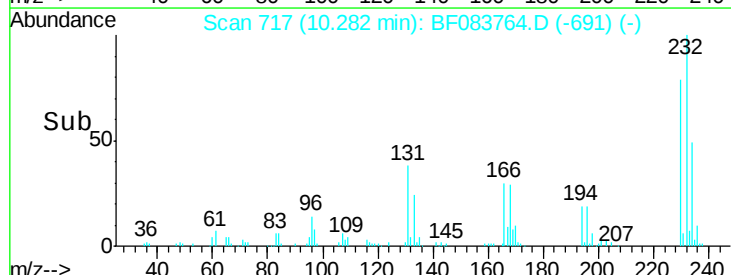
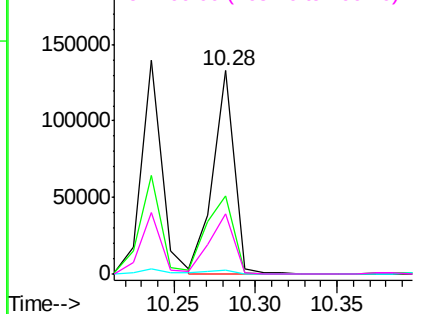


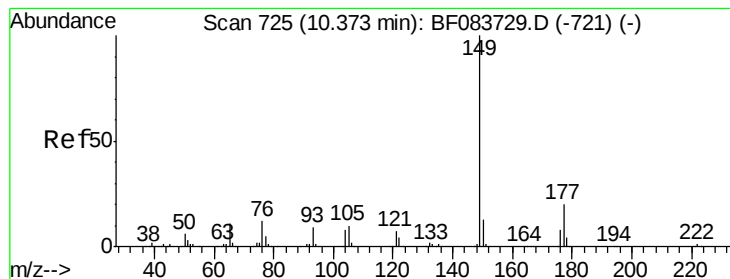
#58
2,3,4,6-Tetrachlorophenol
 Concen: 52.39 ng
 RT: 10.28 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Tgt Ion:232 Resp: 121122
 Ion Ratio Lower Upper
 232 100
 131 49.0 0.0 0.0#
 130 2.4 0.0 0.0#
 166 33.7 0.0 0.0#



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 49.45 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

ClientSampleId :

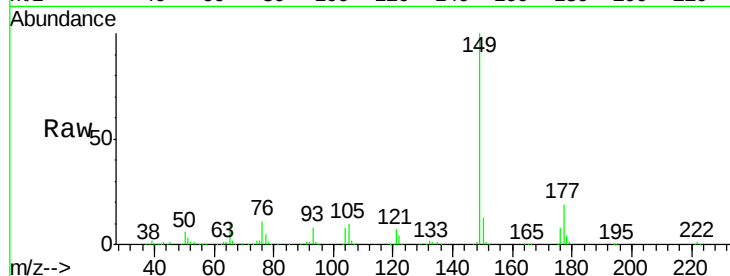
Tot Ion:149 Resp: 587312

Ion Ratio Lower Upper

149 100

177 19.3 16.9 25.3

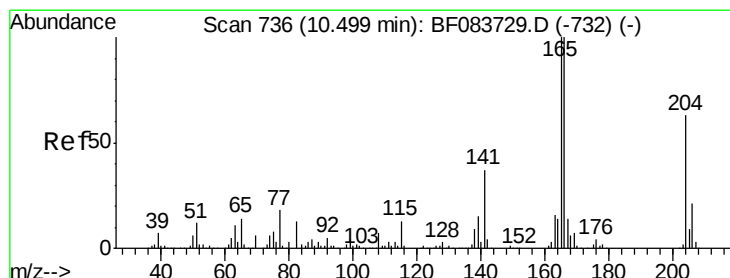
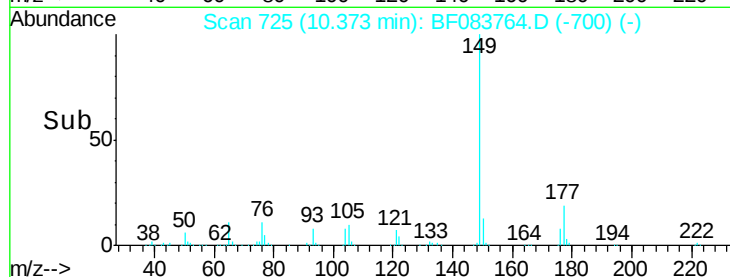
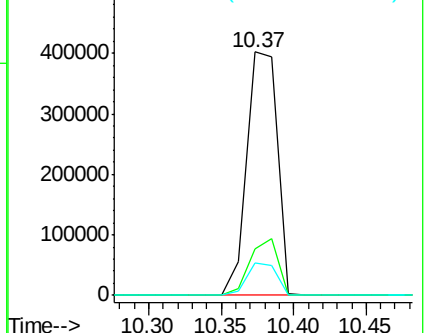
150 13.1 10.2 15.4



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: 49.29 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

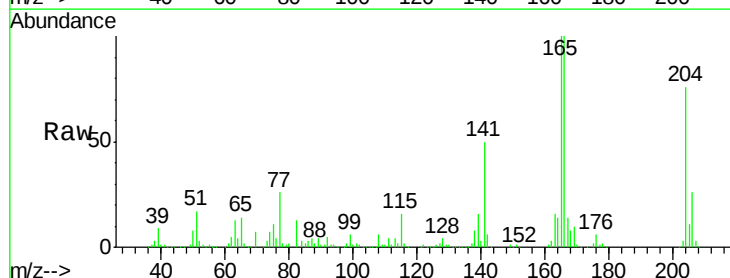
Tgt Ion:204 Resp: 234833

Ion Ratio Lower Upper

204 100

206 33.7 27.3 40.9

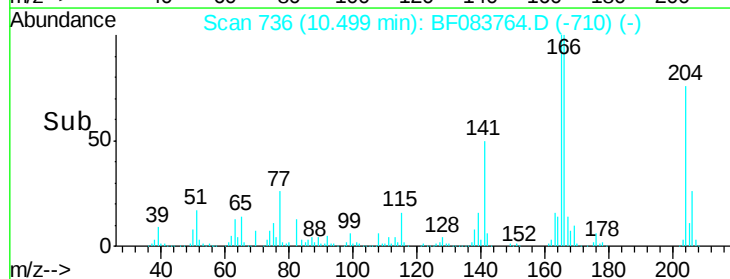
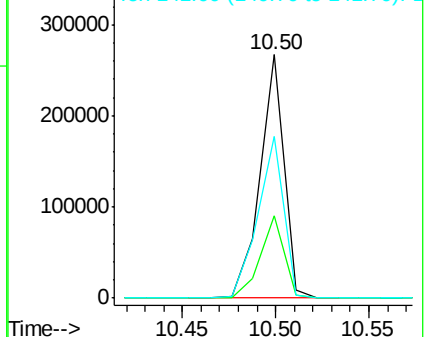
141 66.2 51.9 77.9

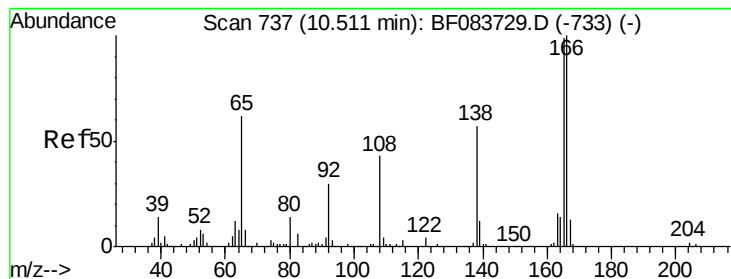


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.90 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

ClientSampleId :

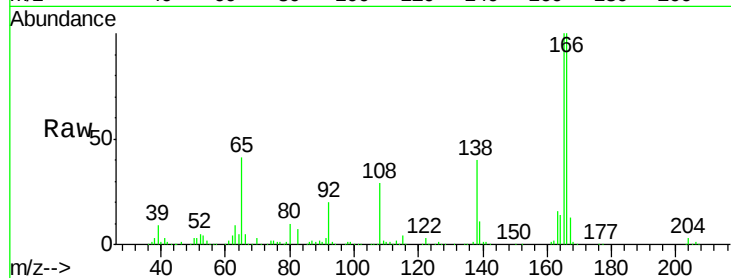
Tot Ion:138 Resp: 111073

Ion Ratio Lower Upper

138 100

92 49.7 29.0 69.0

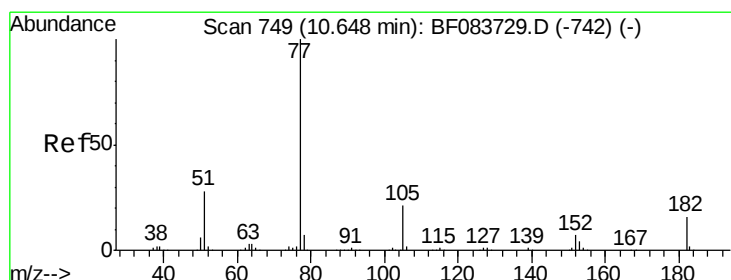
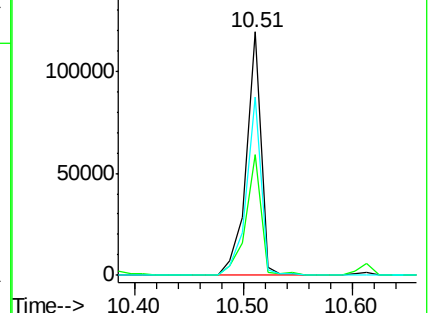
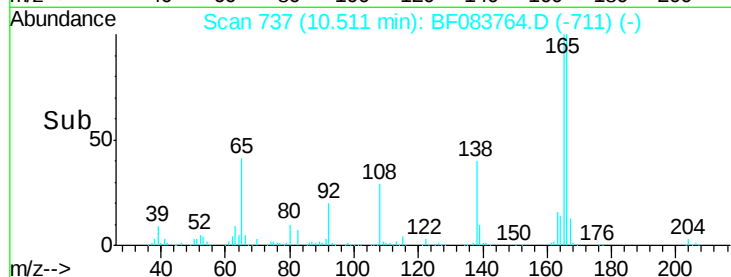
108 73.3 47.4 87.4



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: 52.59 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Tgt Ion: 77 Resp: 569447

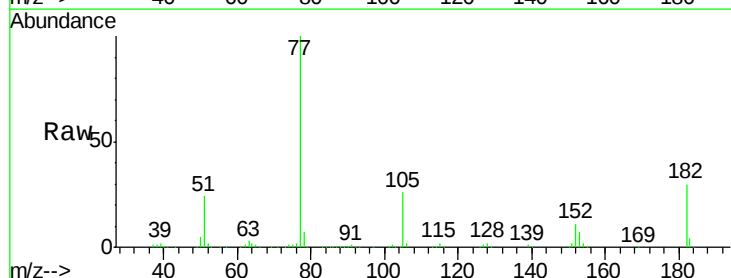
Ion Ratio Lower Upper

77 100

182 30.1 2.5 42.5

105 26.3 2.1 42.1

51 24.4 9.3 49.3

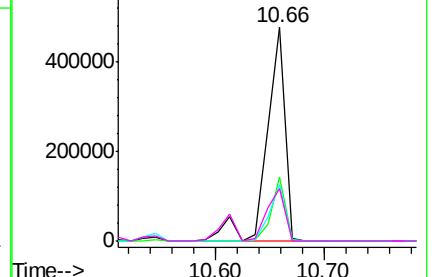
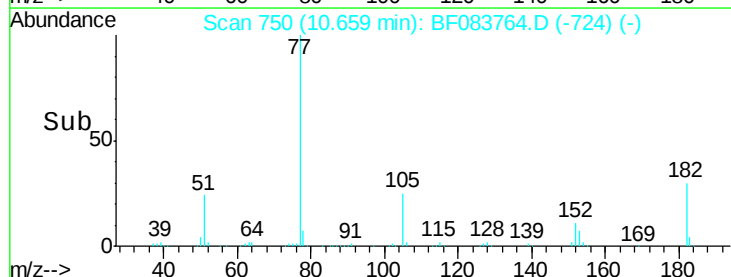


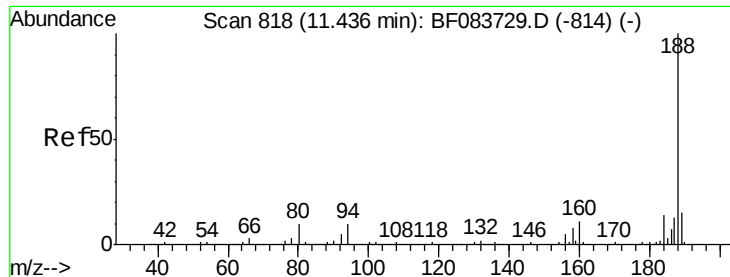
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

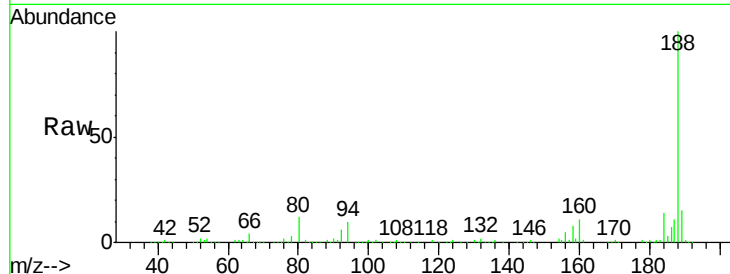




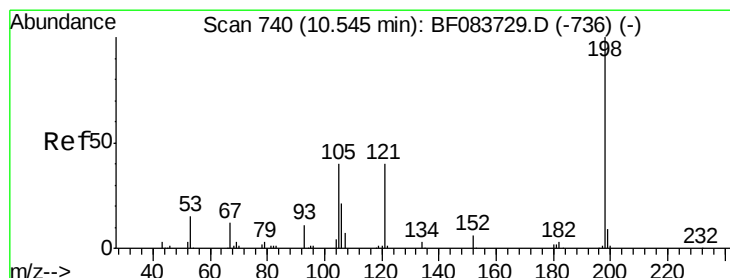
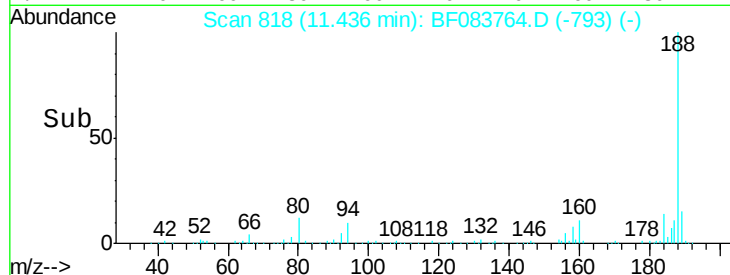
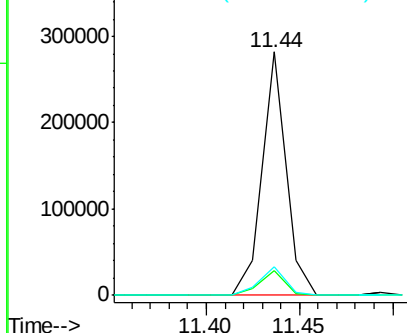
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 249588
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.8 10.6 16.0

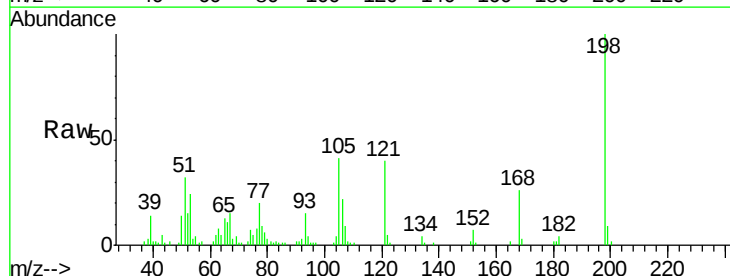


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

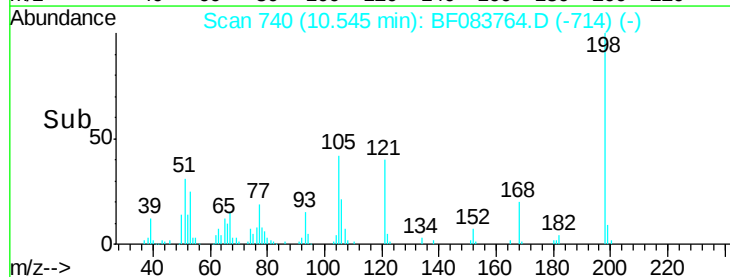
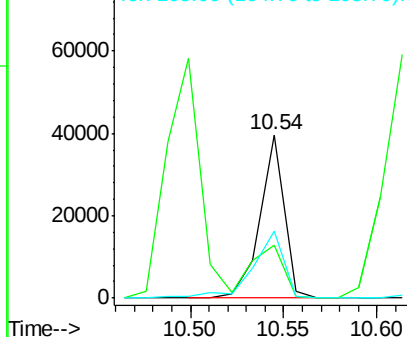


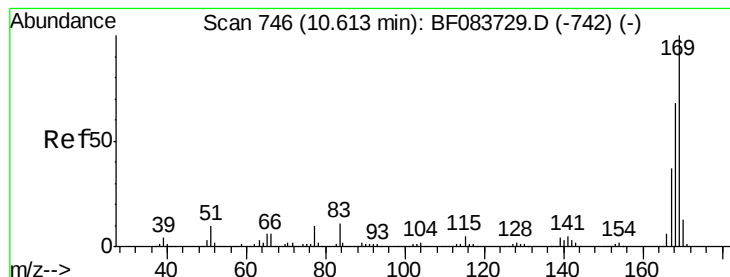
#64
4,6-Dinitro-2-methylphenol
Concen: 24.85 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion:198 Resp: 35283
Ion Ratio Lower Upper
198 100
51 32.2 53.8 93.8#
105 41.2 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

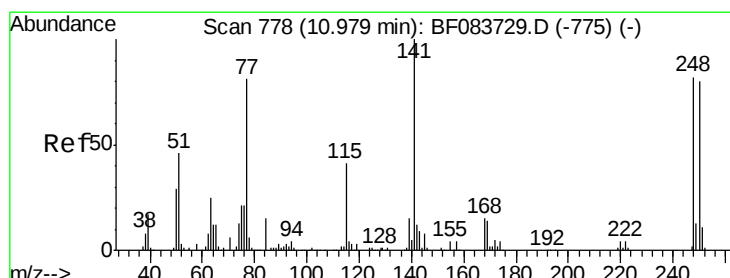
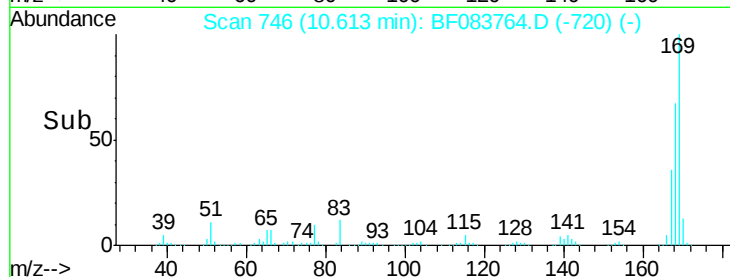
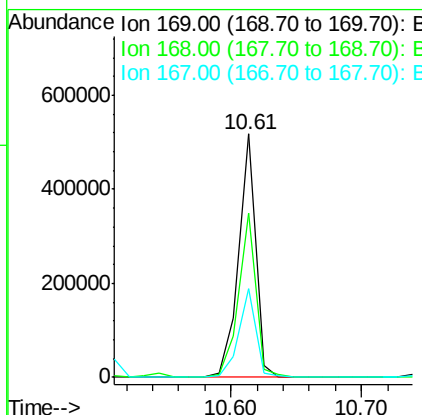
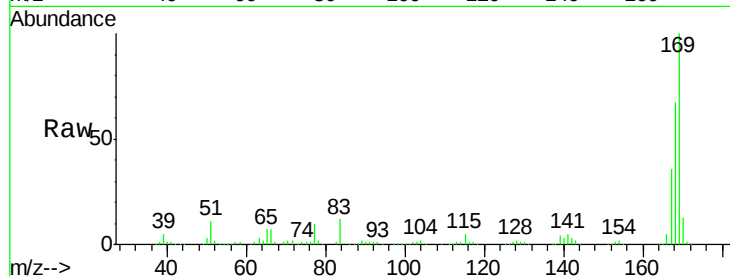




#65
 n-Nitrosodiphenylamine
 Concen: 54.68 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

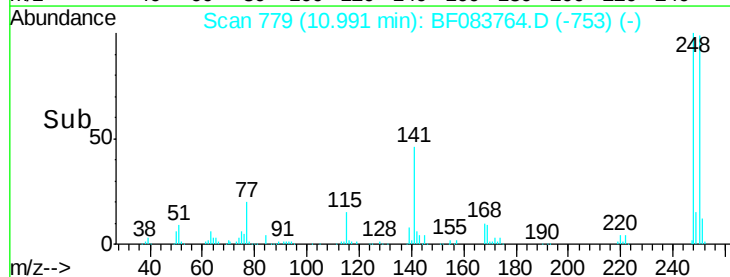
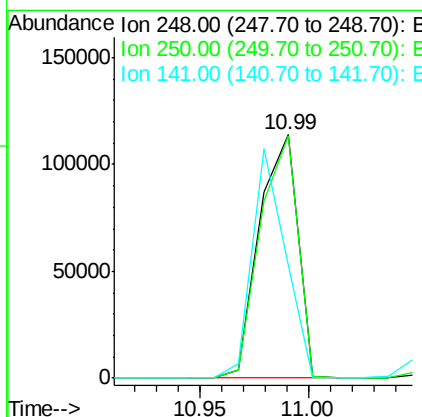
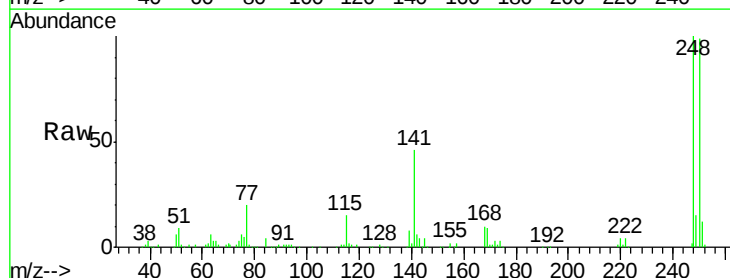
Instrument :
 BNA_F
 ClientSampleId :

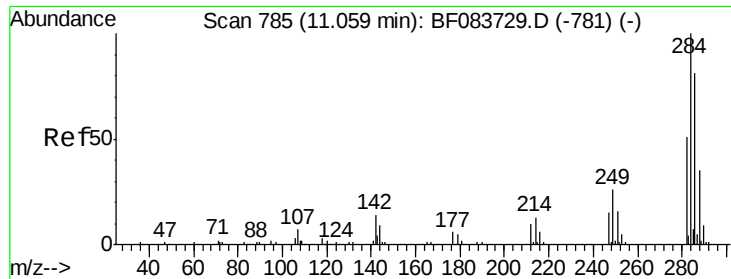
Tot Ion:169 Resp: 466757
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.0 79.6
 167 36.3 29.3 43.9



#66
 4-Bromophenyl-phenylether
 Concen: 50.59 ng
 RT: 10.99 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Tgt Ion:248 Resp: 141192
 Ion Ratio Lower Upper
 248 100
 250 99.5 79.2 118.8
 141 46.4 58.2 87.4#

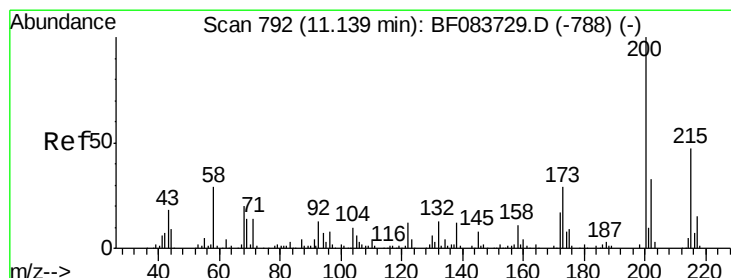
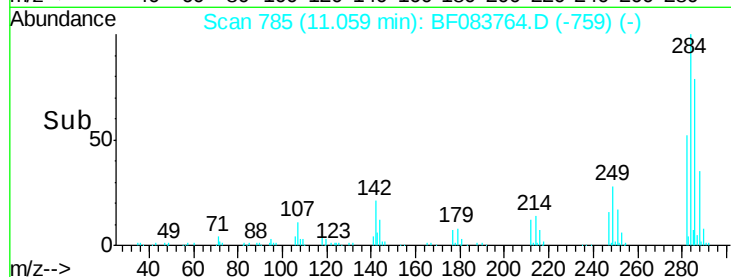
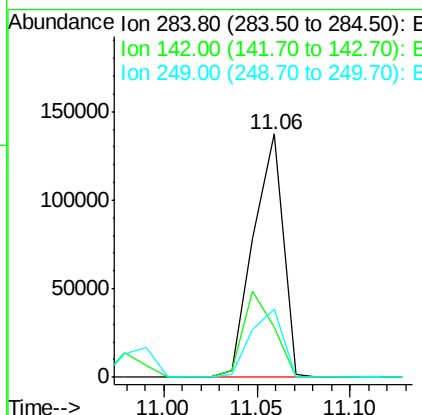
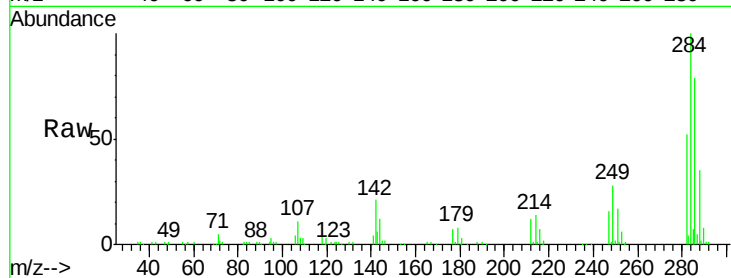




#67
Hexachlorobenzene
Concen: 50.14 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

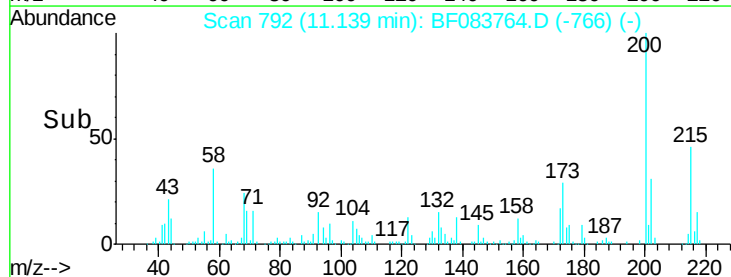
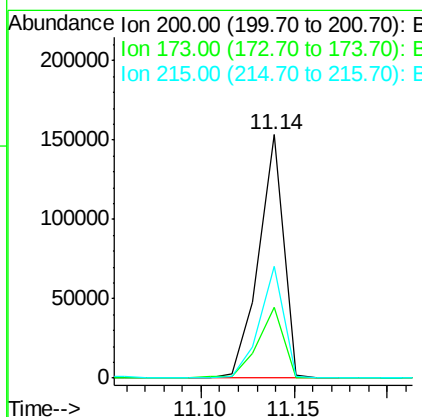
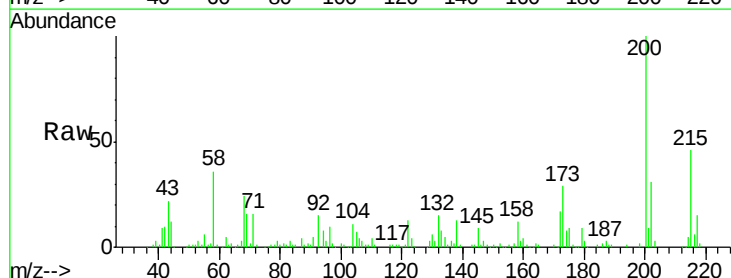
Instrument :
BNA_F
ClientSampleId :

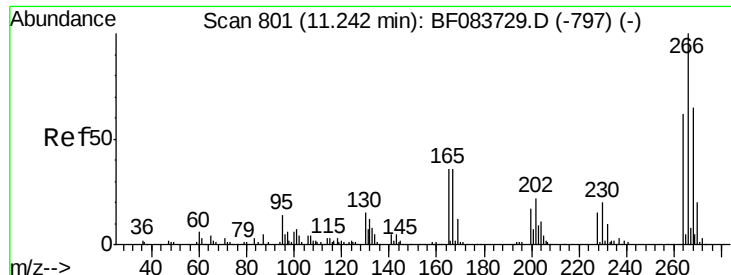
Tot Ion:284 Resp: 151399
Ion Ratio Lower Upper
284 100
142 20.6 31.0 46.4#
249 27.8 26.9 40.3



#68
Atrazine
Concen: 58.21 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion:200 Resp: 141379
Ion Ratio Lower Upper
200 100
173 29.1 7.8 47.8
215 46.0 25.7 65.7

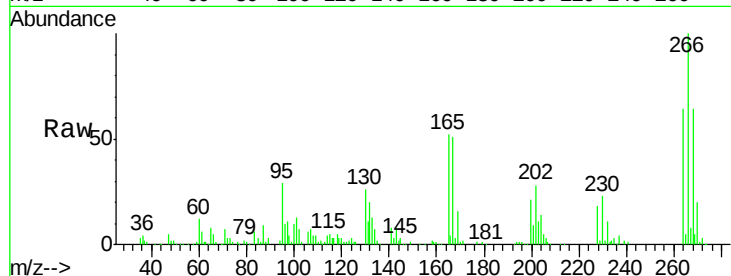




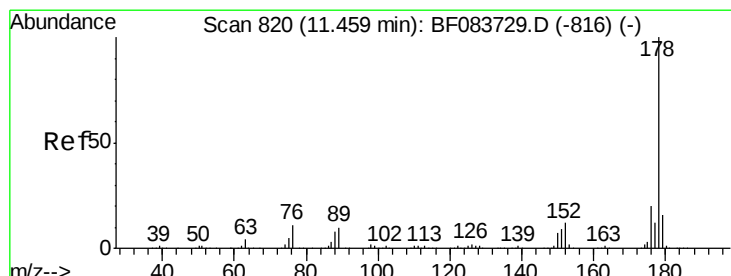
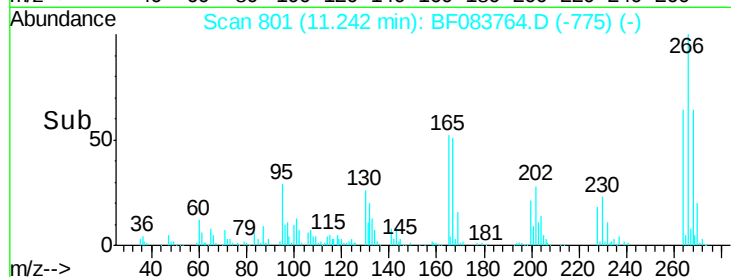
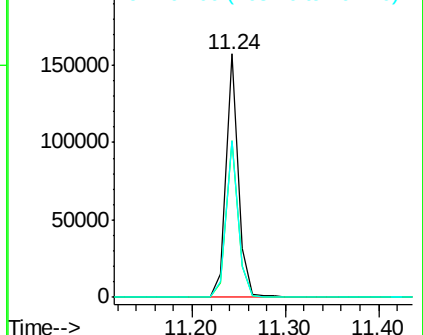
#69
 Pentachlorophenol
 Concen: 84.20 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 143403
 Ion Ratio Lower Upper
 266 100
 268 64.4 50.2 75.2
 264 64.4 51.4 77.2

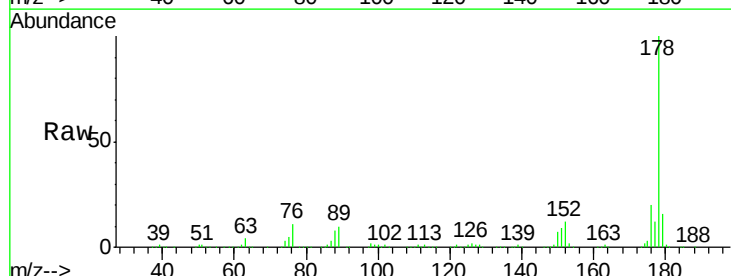


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

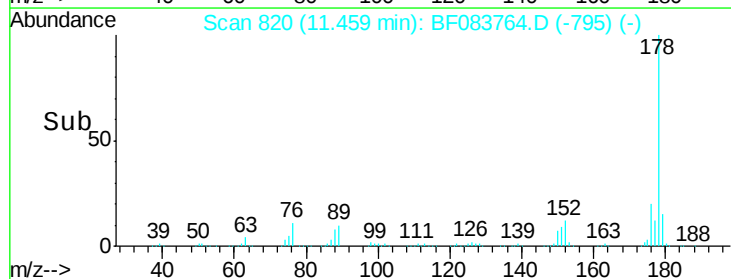
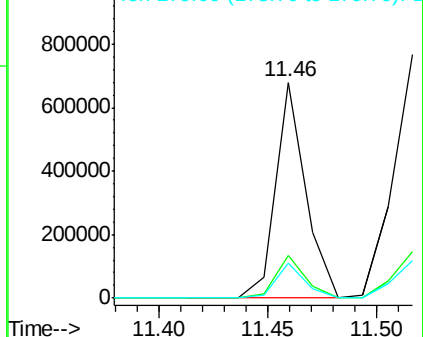


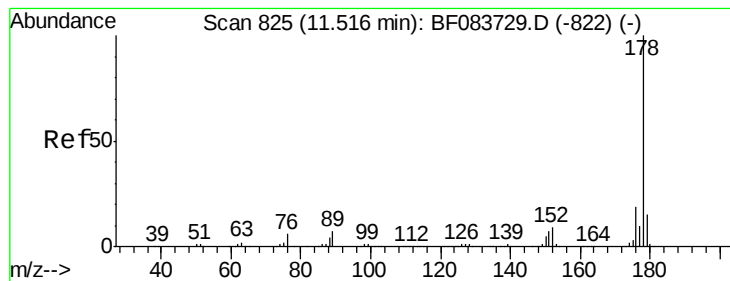
#70
 Phenanthrene
 Concen: 49.47 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Tgt Ion:178 Resp: 655978
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.7 23.5
 179 16.1 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: 53.89 ng

RT: 11.52 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

ClientSampleId :

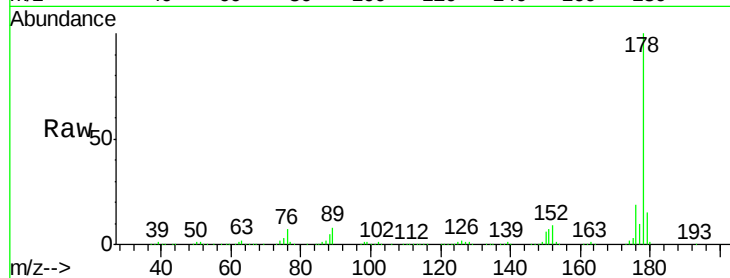
Tot Ion:178 Resp: 742043

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

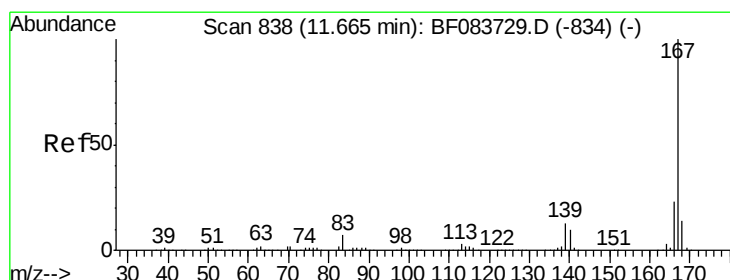
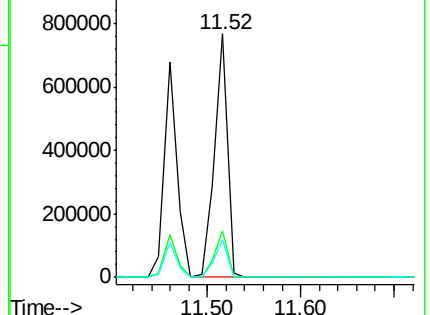
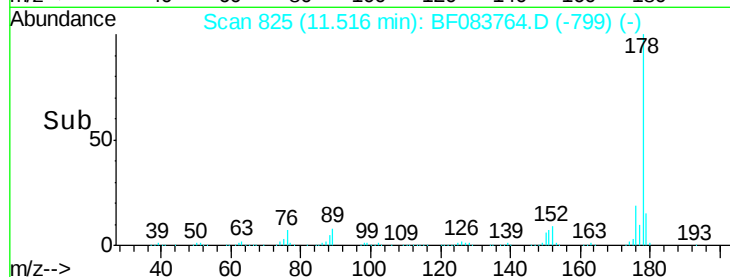
179 15.3 12.6 18.8



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: 54.36 ng

RT: 11.66 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

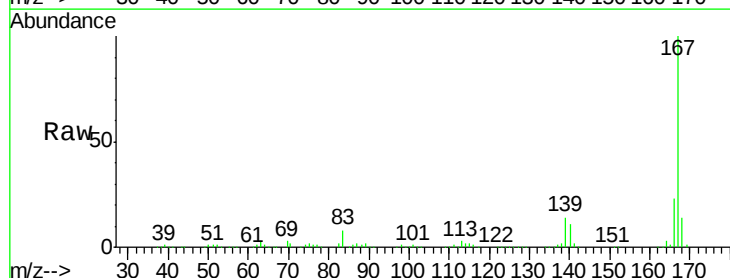
Tgt Ion:167 Resp: 697513

Ion Ratio Lower Upper

167 100

166 22.5 17.2 25.8

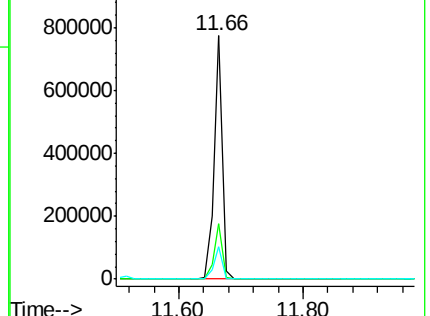
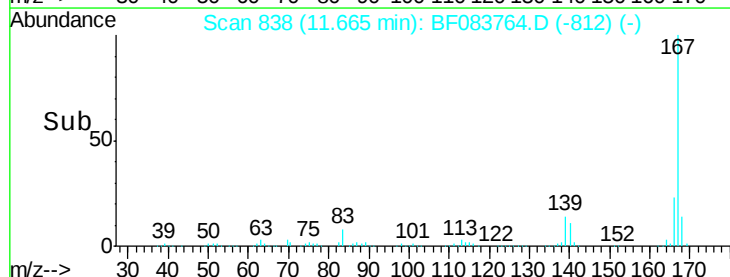
139 13.6 9.3 13.9

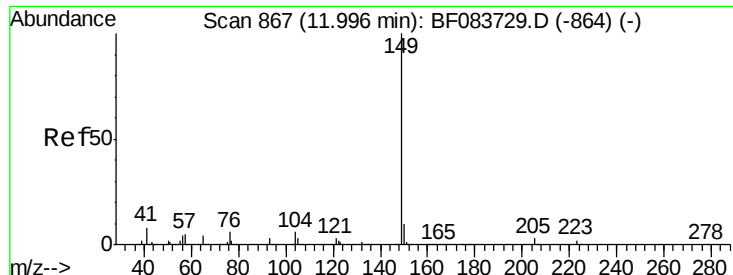


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.97 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

ClientSampleId :

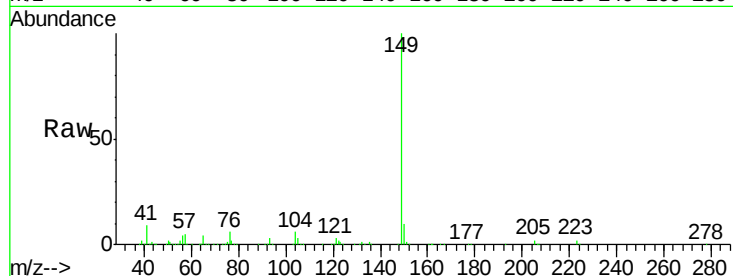
Tot Ion:149 Resp: 794138

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

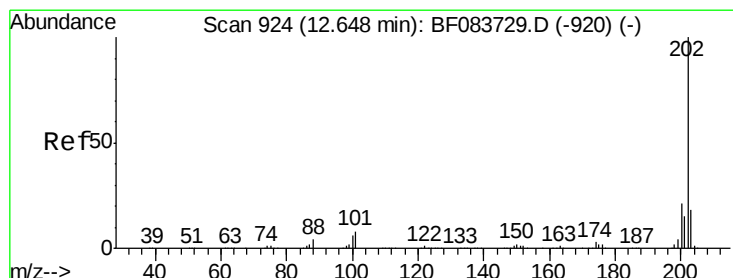
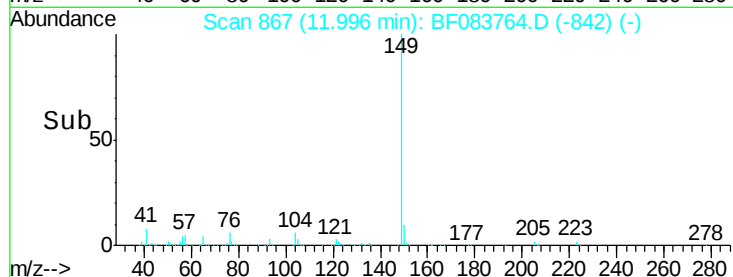
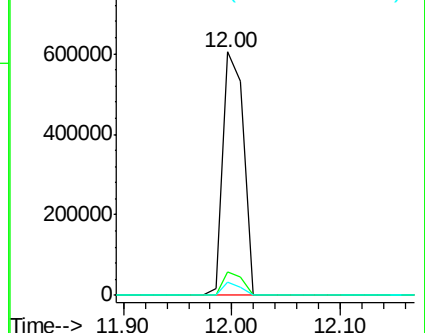
104 5.6 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 55.99 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

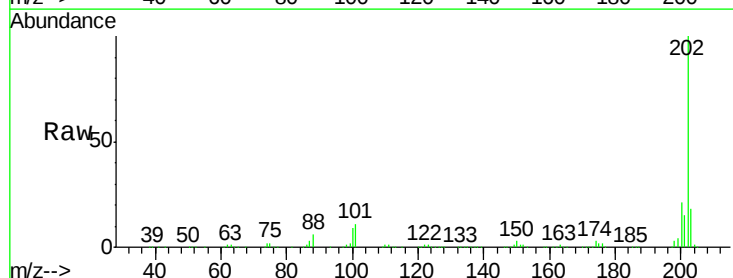
Tgt Ion:202 Resp: 767016

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.5

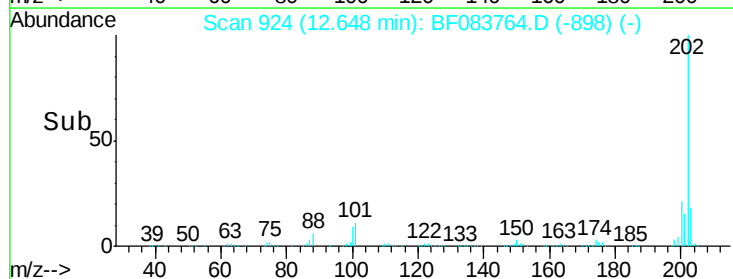
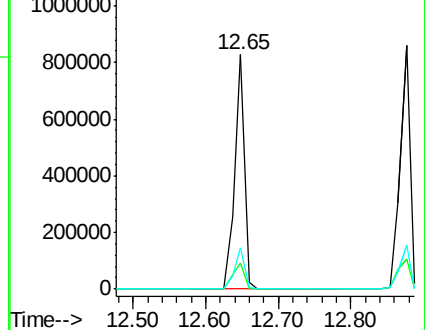
203 17.9 0.0 37.6

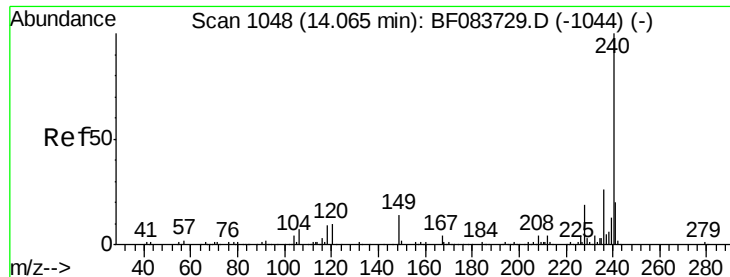


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

ClientSampleId :

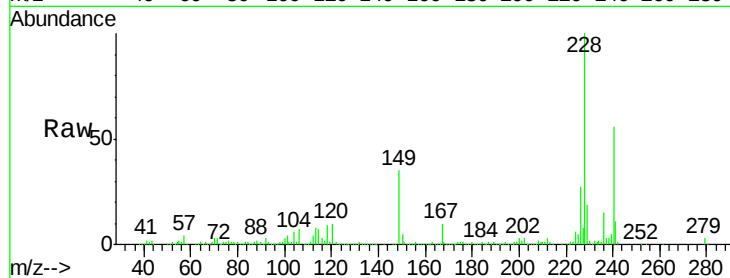
Tot Ion:240 Resp: 221230

Ion Ratio Lower Upper

240 100

120 18.2 8.1 12.1#

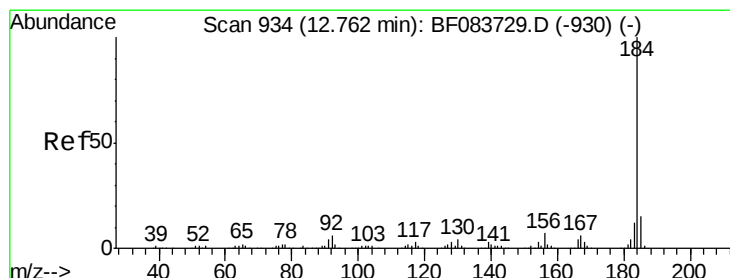
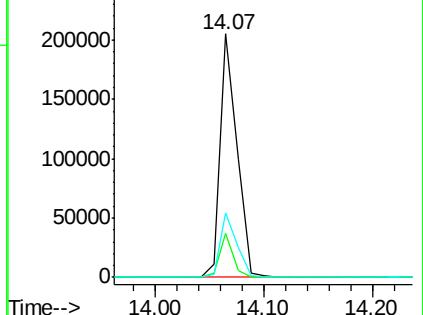
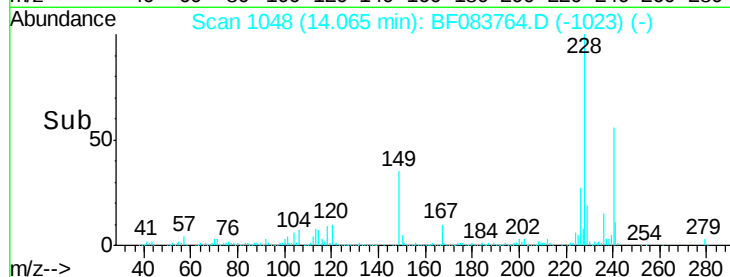
236 26.3 20.8 31.2



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: 56.95 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

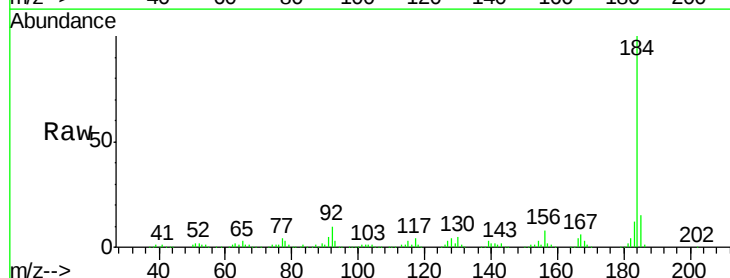
Tgt Ion:184 Resp: 383922

Ion Ratio Lower Upper

184 100

185 15.0 13.0 19.6

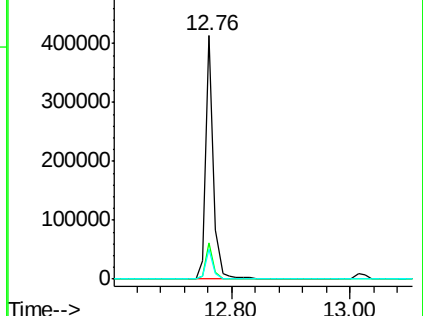
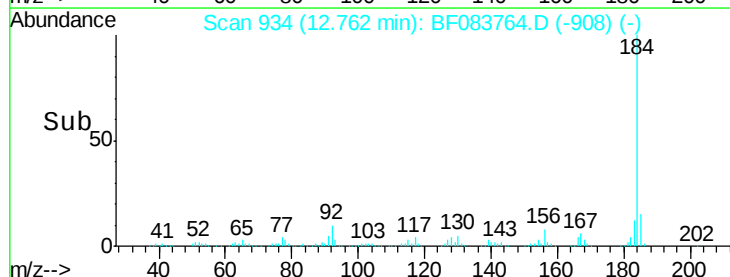
183 12.1 9.0 13.4

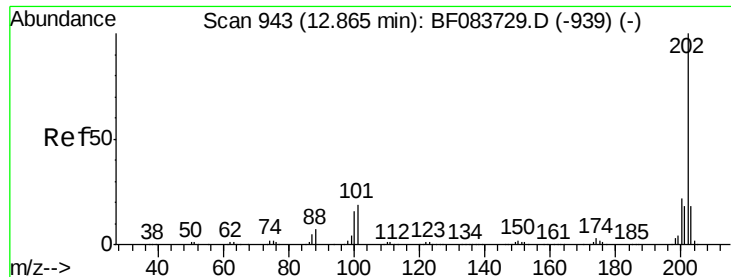


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

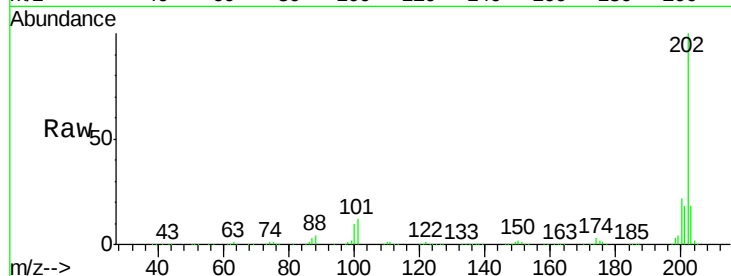




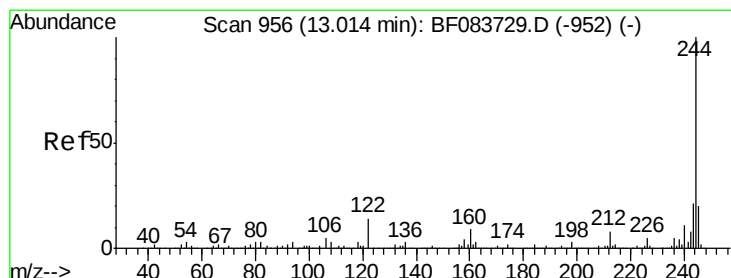
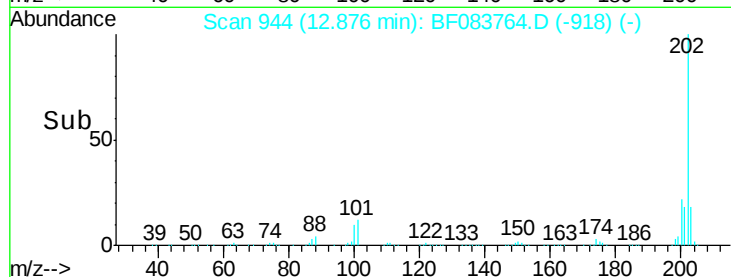
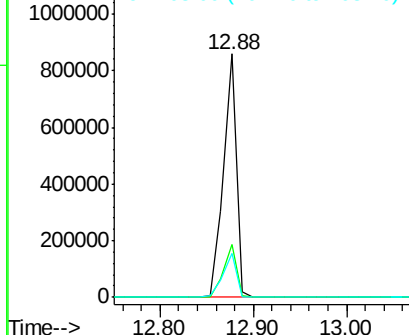
#77
Pvrene
Concen: 46.83 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 818897
Ion Ratio Lower Upper
202 100
200 21.9 16.7 25.1
203 17.8 14.3 21.5

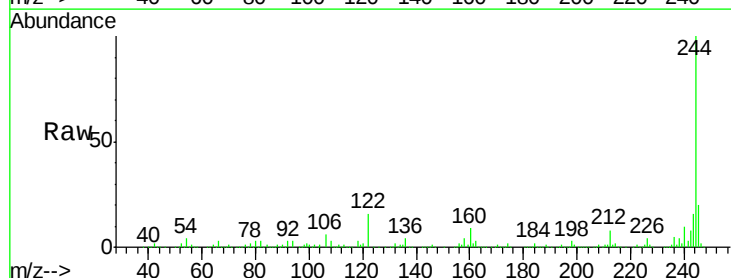


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

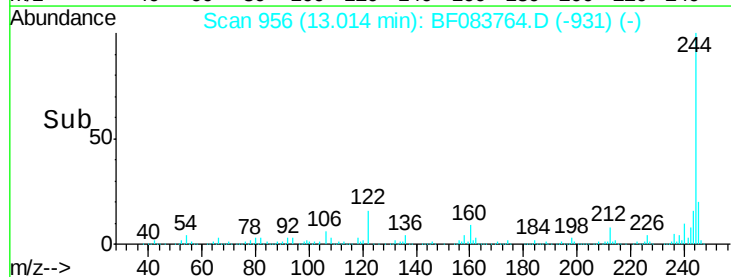
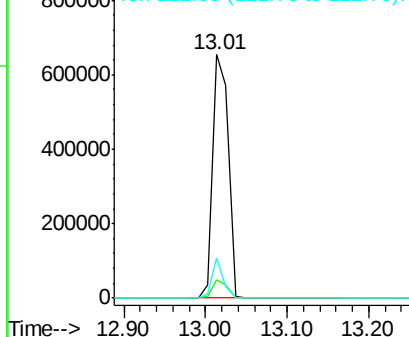


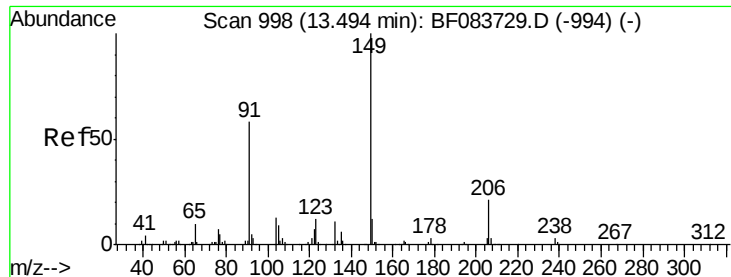
#78
Terphenyl-d14
Concen: 84.68 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion:244 Resp: 870915
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 16.3 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

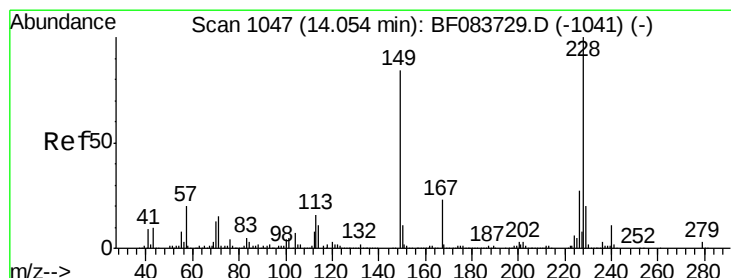
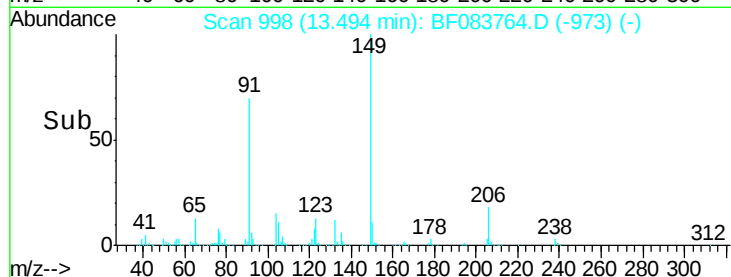
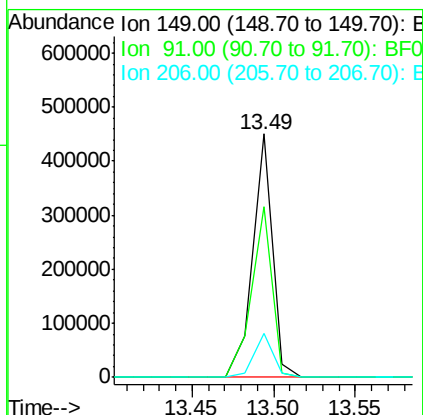
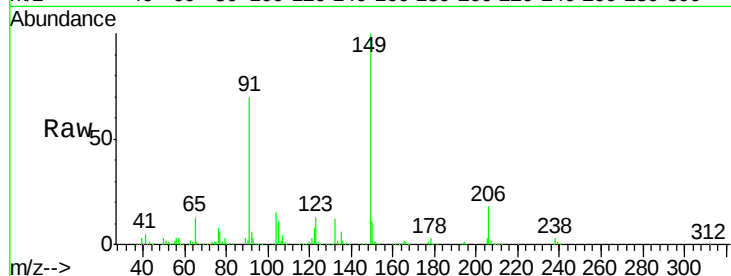




#79
Butylbenzylphthalate
Concen: 50.50 ng
RT: 13.49 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

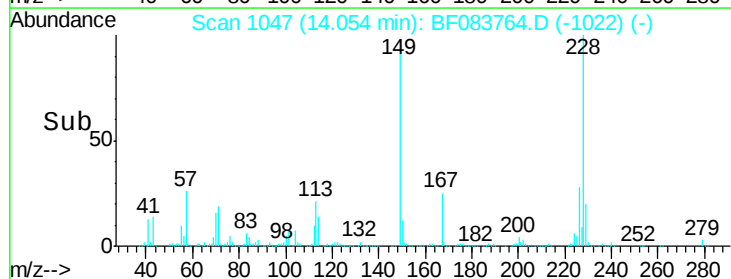
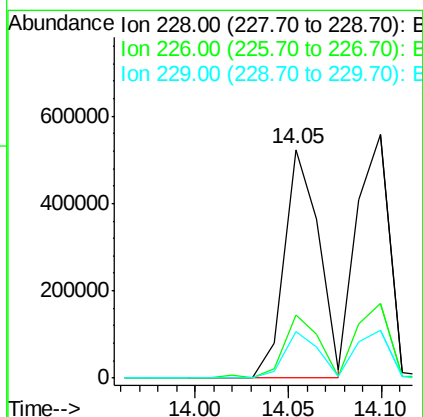
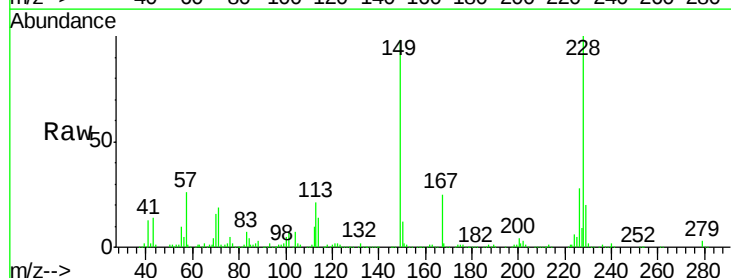
Instrument :
BNA_F
ClientSampleId :

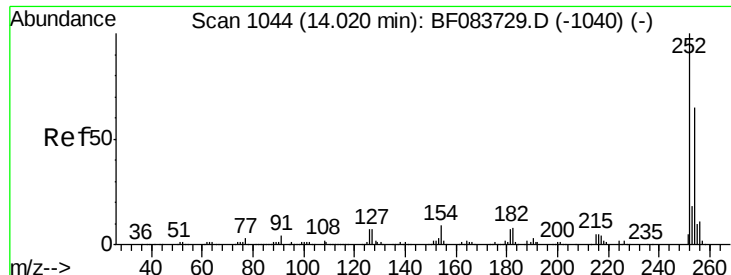
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.1	60.0	90.0
206	18.3	16.2	24.4



#80
Benzo(a)anthracene
Concen: 53.81 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.3	33.5
229	20.1	15.7	23.5

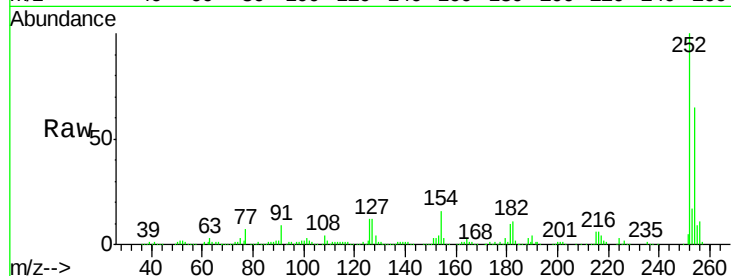




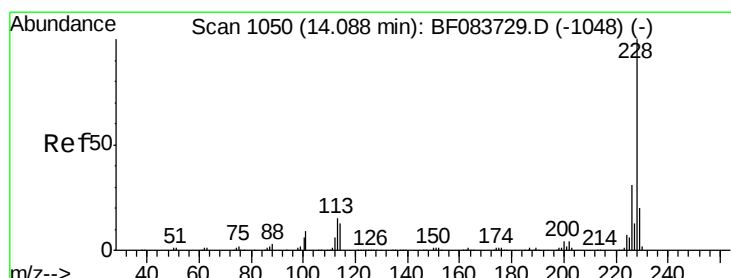
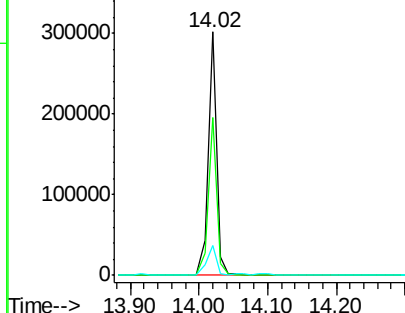
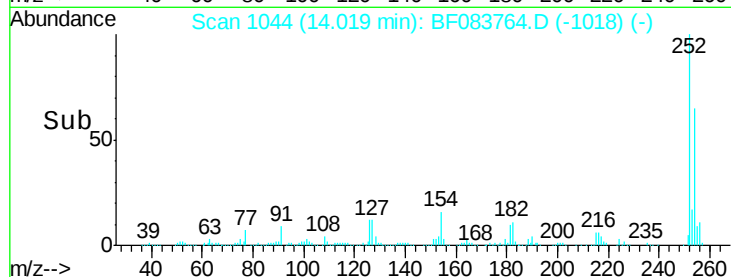
#81
 3,3'-Dichlorobenzidine
 Concen: 57.23 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 259704
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.6 76.0
 126 12.5 11.0 16.4

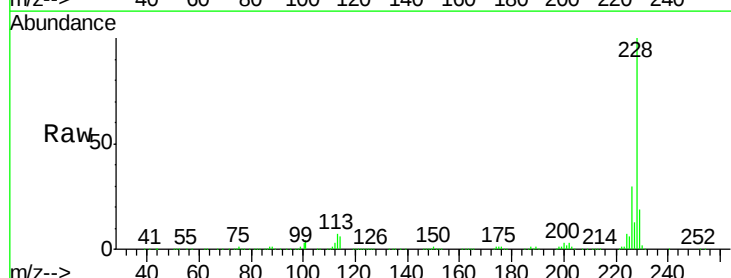


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

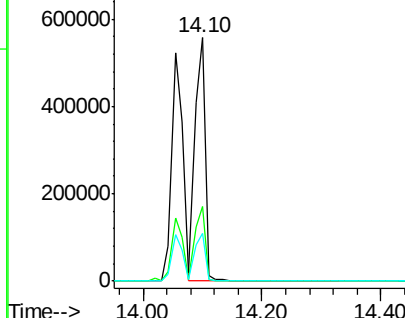
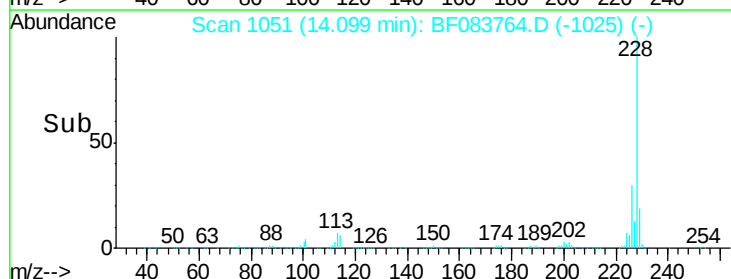


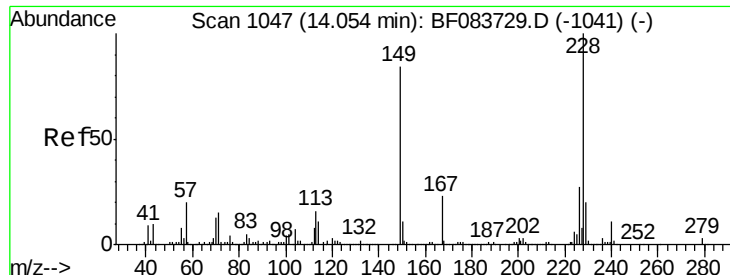
#82
 Chrysene
 Concen: 55.84 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Tgt Ion:228 Resp: 685187
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.7 37.1
 229 19.4 16.3 24.5



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

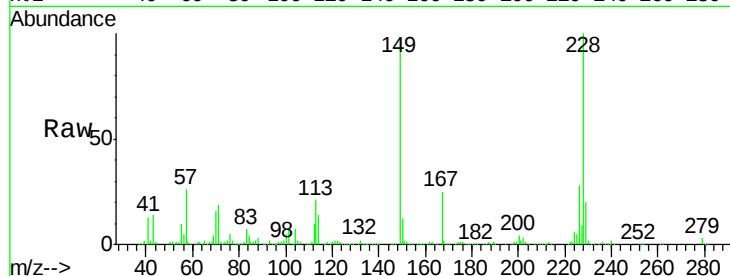




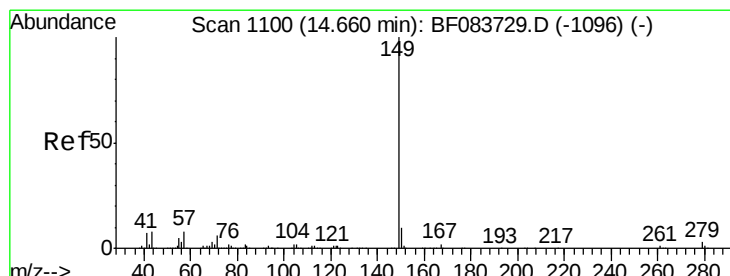
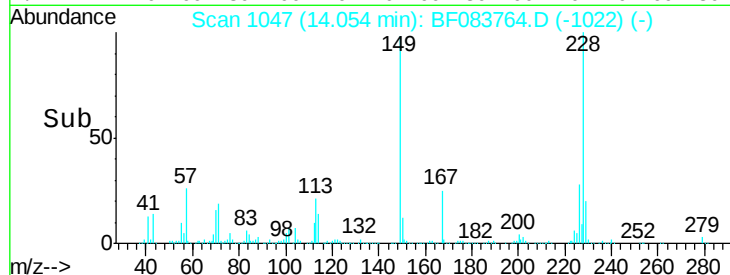
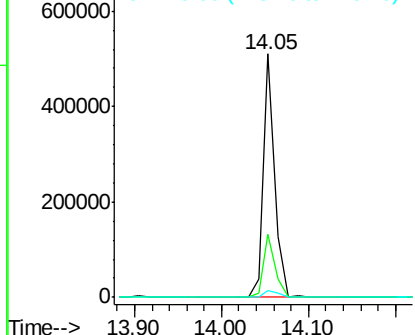
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.96 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 469393
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.8 32.8
 279 2.6 3.0 4.4#

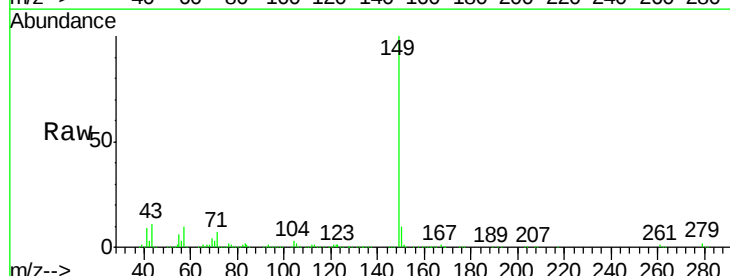


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

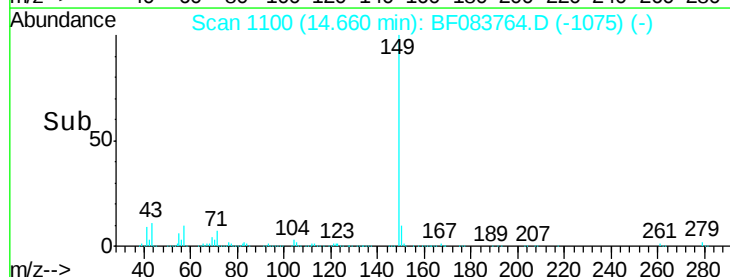
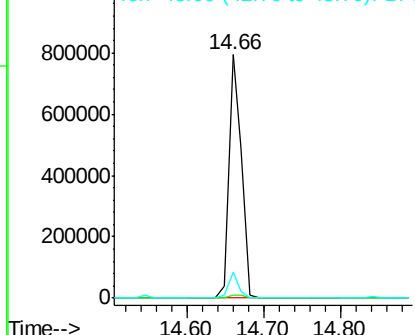


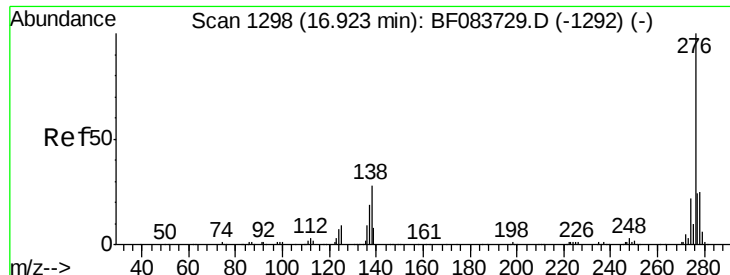
#84
 Di-n-octyl phthalate
 Concen: 67.91 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Tgt Ion:149 Resp: 921762
 Ion Ratio Lower Upper
 149 100
 167 1.6 0.0 0.0#
 43 9.1 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

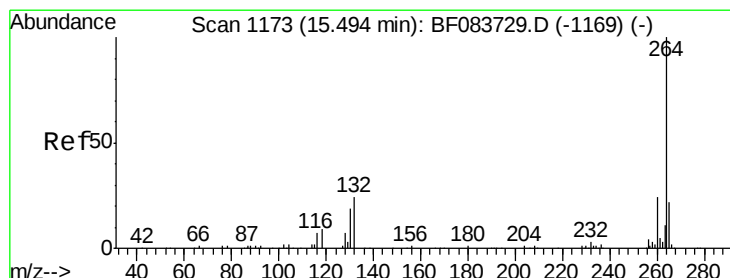
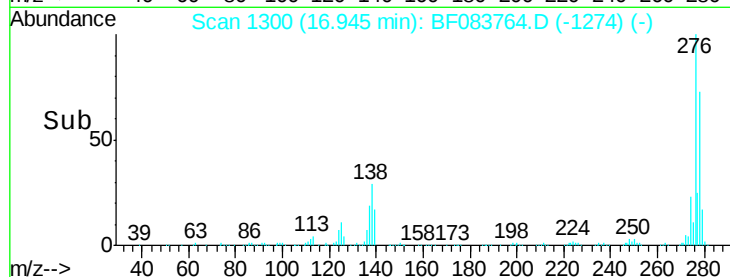
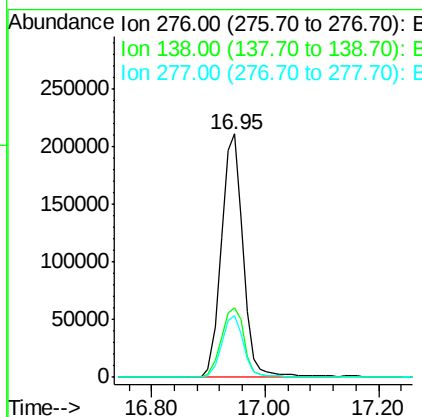
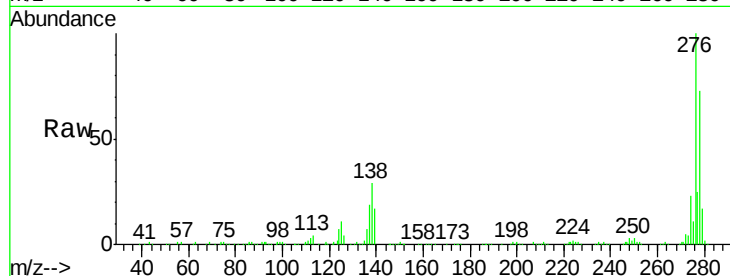




#85
Indeno(1,2,3-cd)pyrene
Concen: 46.86 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

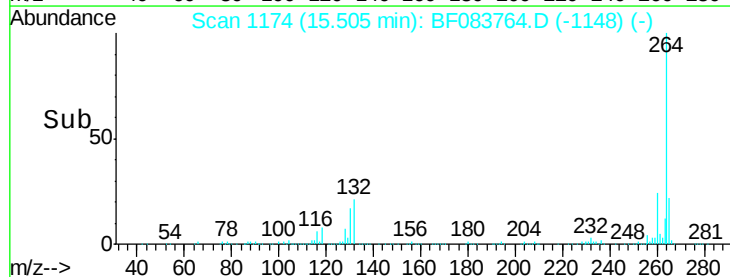
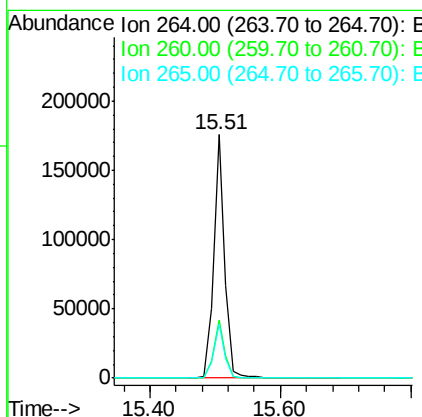
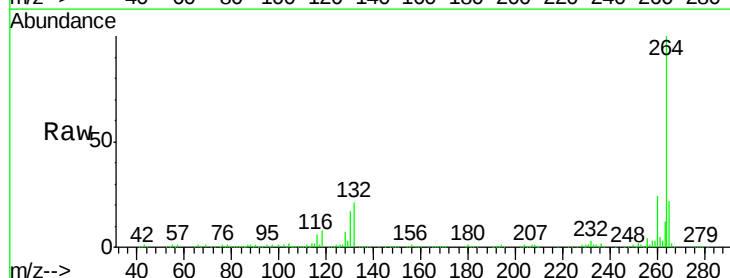
Instrument :
BNA_F
ClientSampleId :

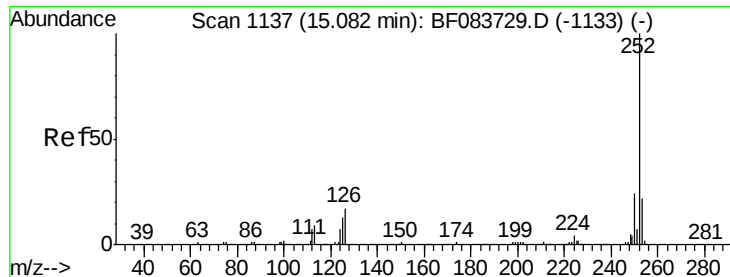
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.4	0.0	0.0#
277	25.7	0.0	0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	22.1	17.8	26.6

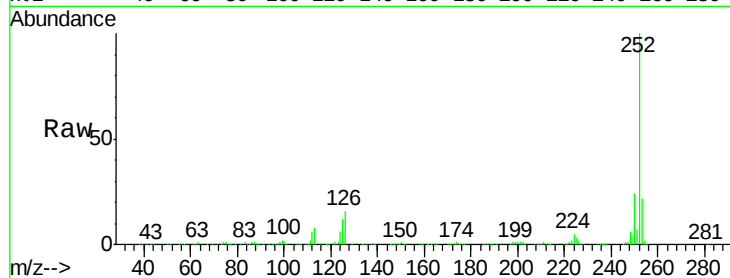




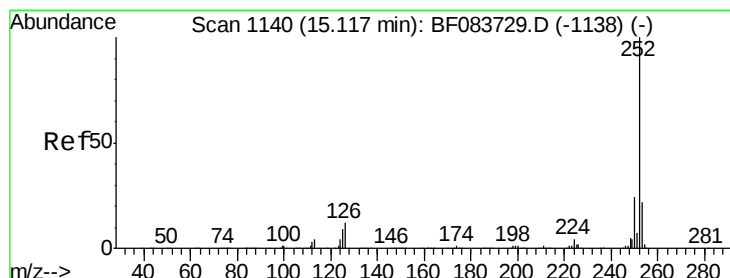
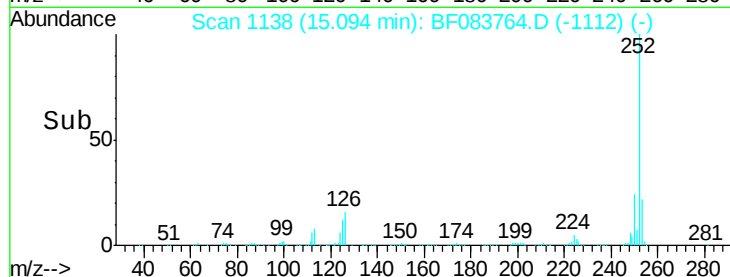
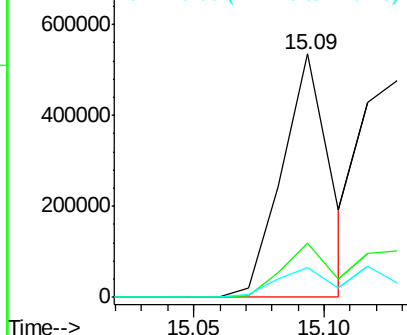
#87
Benzo(b)fluoranthene
Concen: 50.58 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 678843
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 12.2 8.2 12.4

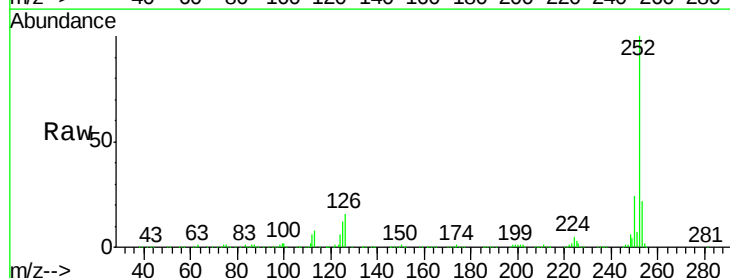


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

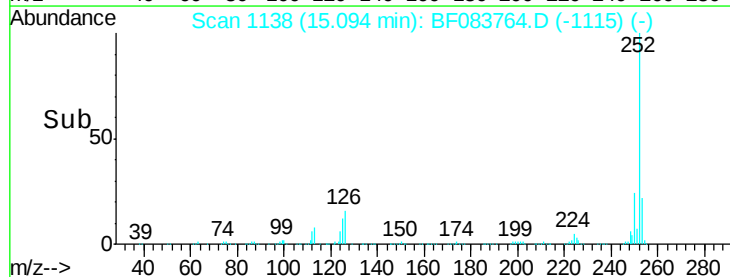
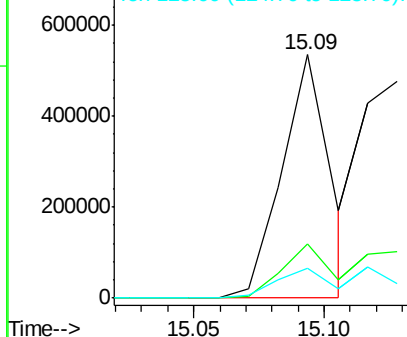


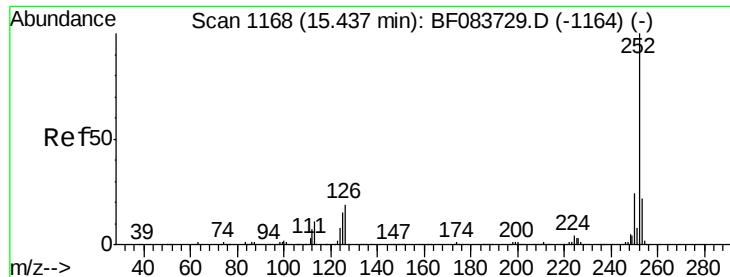
#88
Benzo(k)fluoranthene
Concen: 55.82 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion:252 Resp: 678843
Ion Ratio Lower Upper
252 100
253 22.1 18.6 27.8
125 12.2 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: 51.38 ng

RT: 15.45 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

ClientSampleId :

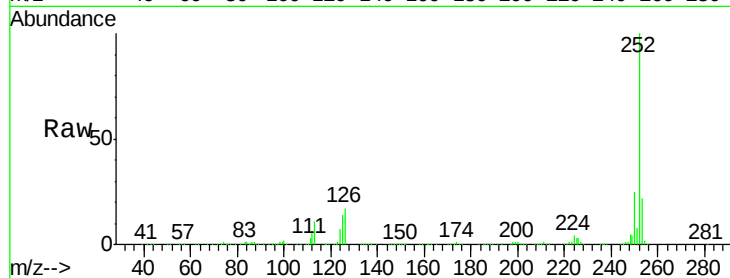
Tot Ion:252 Resp: 615375

Ion Ratio Lower Upper

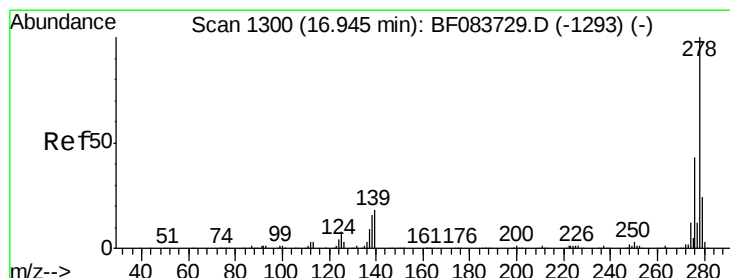
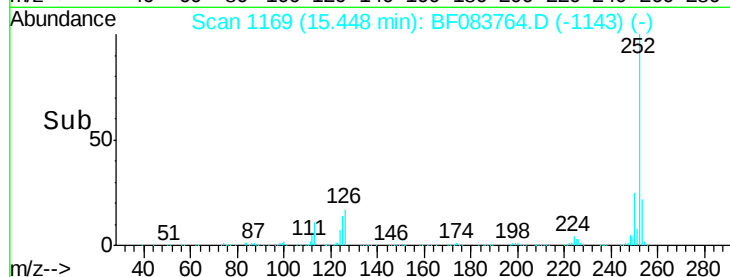
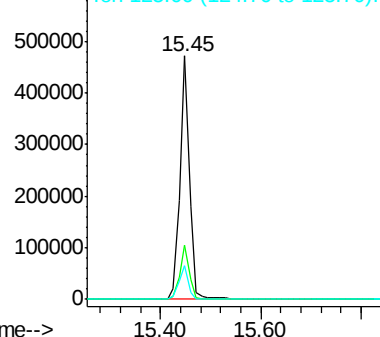
252 100

253 22.1 17.5 26.3

125 13.9 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: 40.11 ng

RT: 16.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

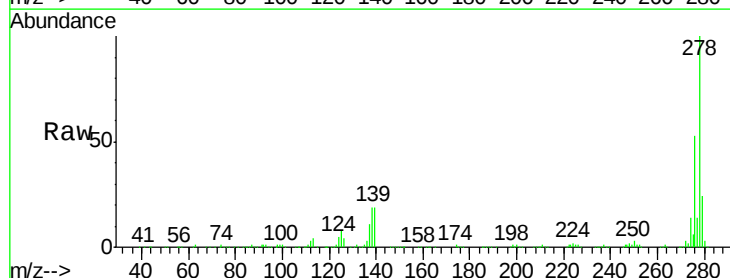
Tgt Ion:278 Resp: 477674

Ion Ratio Lower Upper

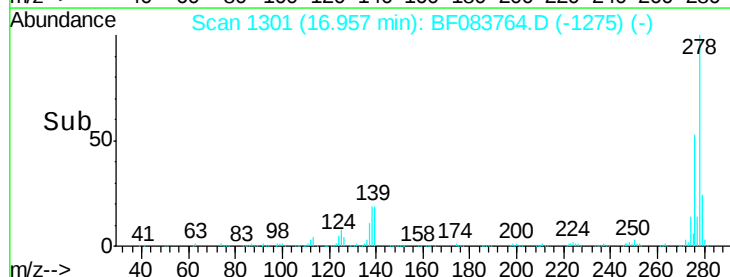
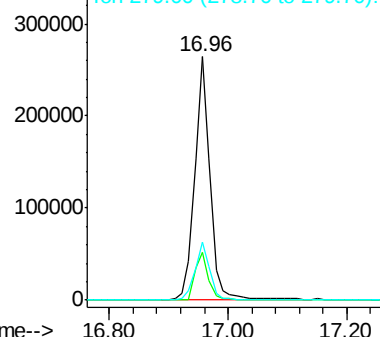
278 100

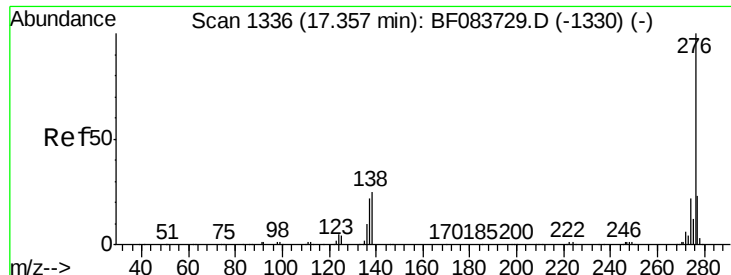
139 19.4 12.8 19.2#

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: 36.59 ng

RT: 17.37 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

ClientSampleId :

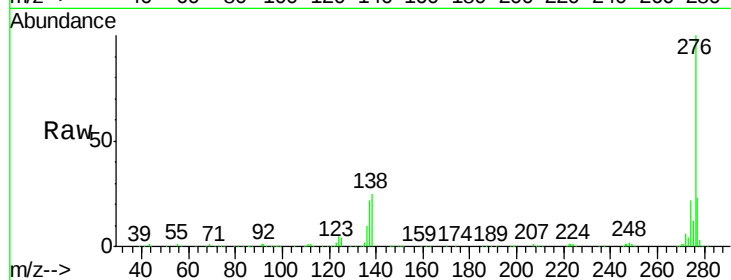
Tot Ion:276 Resp: 447893

Ion Ratio Lower Upper

276 100

277 23.0 19.2 28.8

138 25.2 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

