

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111815\
 Data File : BF083008.D
 Acq On : 18 Nov 2015 14:09
 Operator : UM/IZ
 Sample : PB86622BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86622BS

Quant Time: Nov 19 01:42:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 18 13:32:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	163835	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	586480	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	321288	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	566622	20.00	ng	0.00
75) Chrysene-d12	13.88	240	443487	20.00	ng	-0.01
86) Perylene-d12	15.27	264	336678	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1210864	114.99	ng	0.01
7) Phenol-d6	6.38	99	1663258	118.82	ng	-0.01
23) Nitrobenzene-d5	7.30	82	976661	72.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	406251	110.28	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1826370	81.47	ng	0.00
78) Terphenyl-d14	12.84	244	1720908	92.04	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.32	88	156903	34.53	ng	94
3) Pyridine	2.99	79	433469	32.88	ng	94
4) n-Nitrosodimethylamine	2.93	42	228969	35.02	ng	# 76
6) Aniline	6.40	93	248848	12.66	ng	# 1
8) 2-Chlorophenol	6.52	128	460707	39.47	ng	93
9) Benzaldehyde	6.27	77	375228	48.52	ng	91
10) Phenol	6.41	94	519066	32.68	ng	# 71
11) bis(2-Chloroethyl)ether	6.48	93	535355	45.07	ng	# 83
12) 1,3-Dichlorobenzene	6.90	146	438279	33.29	ng	95
13) 1,4-Dichlorobenzene	6.75	146	524041	38.26	ng	93
14) 1,2-Dichlorobenzene	6.90	146	438674	35.22	ng	95
15) Benzyl Alcohol	6.89	79	439224	35.73	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.02	45	729471	41.87	ng	96
17) 2-Methylphenol	7.01	107	368356	37.26	ng	95
18) Hexachloroethane	7.24	117	170027	34.71	ng	96
19) n-Nitroso-di-n-propylamine	7.16	70	363844	35.36	ng	# 81
20) 3+4-Methylphenols	7.16	107	474015	36.88	ng	# 62
22) Acetophenone	7.15	105	642371	38.23	ng	96
24) Nitrobenzene	7.32	77	545107	39.55	ng	97
25) Isophorone	7.56	82	934241	37.46	ng	99
26) 2-Nitrophenol	7.64	139	227366	39.52	ng	# 54
27) 2,4-Dimethylphenol	7.69	122	366115	35.42	ng	96
28) bis(2-Chloroethoxy)methane	7.78	93	581055	41.31	ng	98
29) 2,4-Dichlorophenol	7.88	162	357049	38.22	ng	88
30) 1,2,4-Trichlorobenzene	7.96	180	387012	36.83	ng	98
31) Naphthalene	8.04	128	1253341	38.73	ng	99
32) Benzoic acid	7.82	122	261102	36.89	ng	87
33) 4-Chloroaniline	8.09	127	73459	5.27	ng	93
34) Hexachlorobutadiene	8.17	225	247618	37.66	ng	99
35) Caprolactam	8.46	113	98475	33.43	ng	95
36) 4-Chloro-3-methylphenol	8.59	107	423122	38.51	ng	91
37) 2-Methylnaphthalene	8.83	142	737547	35.23	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	370032	35.05	ng	98
40) Hexachlorocyclopentadiene	8.90	237	436006	76.87	ng	98

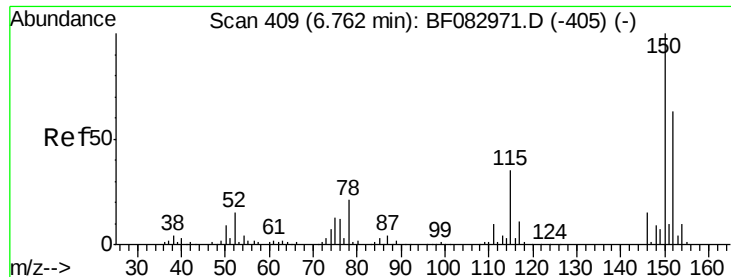
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	279557	35.47	nq	98
43) 2,4,5-Trichlorophenol	9.06	196	314073	40.29	nq	# 90
45) 1,1'-Biphenyl	9.20	154	943809	34.23	nq	96
46) 2-Chloronaphthalene	9.22	162	783232	36.42	nq	98
47) 2-Nitroaniline	9.31	65	280750	35.19	nq	91
48) Acenaphthylene	9.63	152	1220124	36.20	nq	99
49) Dimethylphthalate	9.50	163	915788	34.79	nq	99
50) 2,6-Dinitrotoluene	9.56	165	216341	38.52	nq	94
51) Acenaphthene	9.80	154	896263	41.96	nq	99
52) 3-Nitroaniline	9.72	138	42879	6.94	nq	# 85
53) 2,4-Dinitrophenol	9.84	184	234352	76.00	nq	# 21
54) Dibenzofuran	9.97	168	1050987	36.49	nq	95
55) 4-Nitrophenol	9.92	139	397902	83.97	nq	# 70
56) 2,4-Dinitrotoluene	9.96	165	256571	33.67	nq	95
57) Fluorene	10.32	166	804299	34.49	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	236281	37.14	nq	# 92
59) Diethylphthalate	10.20	149	933983	36.34	nq	98
60) 4-Chlorophenyl-phenylether	10.32	204	441521	37.84	nq	98
61) 4-Nitroaniline	10.34	138	186272	29.99	nq	# 80
62) Azobenzene	10.48	77	1236082	44.77	nq	95
64) 4,6-Dinitro-2-methylphenol	10.37	198	171718	42.54	nq	91
65) n-Nitrosodiphenylamine	10.43	169	746927	36.49	nq	98
66) 4-Bromophenyl-phenylether	10.80	248	252507	37.01	nq	# 70
67) Hexachlorobenzene	10.86	284	276378	36.28	nq	# 80
68) Atrazine	10.97	200	259795	41.04	nq	96
69) Pentachlorophenol	11.06	266	313412	67.75	nq	99
70) Phenanthrene	11.28	178	1417124	43.07	nq	98
71) Anthracene	11.32	178	1261431	36.39	nq	98
72) Carbazole	11.48	167	1185141	39.06	nq	98
73) Di-n-butylphthalate	11.82	149	1608806	42.56	nq	99
74) Fluoranthene	12.45	202	1272334	36.03	nq	98
76) Benzidine	12.58	184	509820	34.30	nq	99
77) Pyrene	12.68	202	1267280	41.61	nq	99
79) Butylbenzylphthalate	13.31	149	605184	44.98	nq	95
80) Benzo(a)anthracene	13.87	228	1156576	41.70	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	136240	13.82	nq	# 97
82) Chrysene	13.91	228	890185	35.05	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	847800	46.04	nq	100
84) Di-n-octyl phthalate	14.49	149	1368966	44.56	nq	96
85) Indeno(1,2,3-cd)pyrene	16.58	276	856736	39.16	nq	97
87) Benzo(b)fluoranthene	14.91	252	1741203	80.57	nq	# 98
88) Benzo(k)fluoranthene	14.91	252	1741203	90.82	nq	# 97
89) Benzo(a)pyrene	15.22	252	818543	43.72	nq	# 97
90) Dibenzo(a,h)anthracene	16.60	278	722154	45.55	nq	99
91) Benzo(g,h,i)perylene	16.98	276	737534	48.57	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF083008.D

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PB86622BS

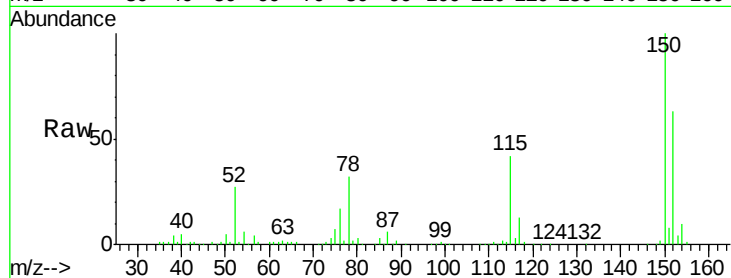
Tot Ion:152 Resp: 163835

Ion Ratio Lower Upper

152 100

150 159.8 127.0 190.4

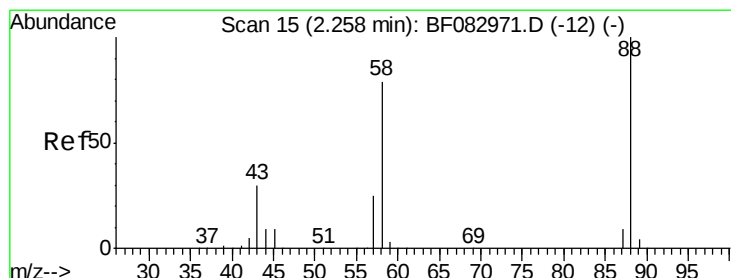
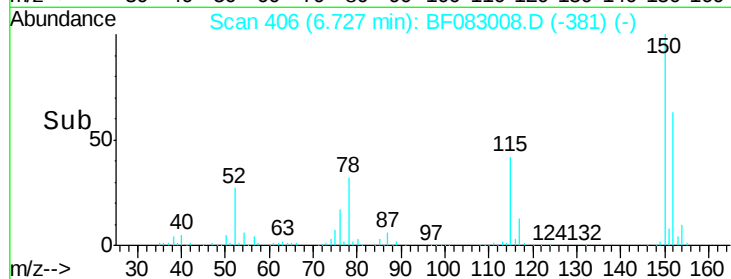
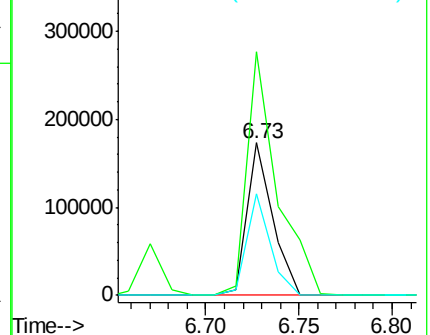
115 66.8 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.53 ng

RT: 2.32 min Scan# 20

Delta R.T. 0.08 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

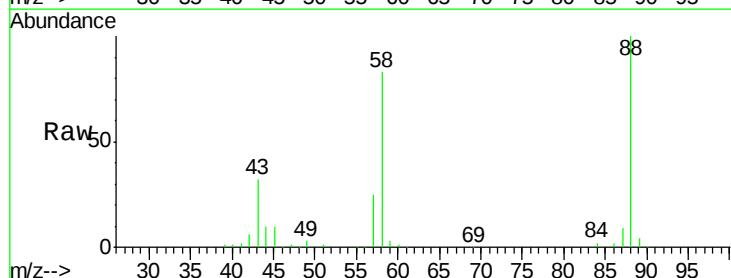
Tgt Ion: 88 Resp: 156903

Ion Ratio Lower Upper

88 100

58 84.1 62.0 93.0

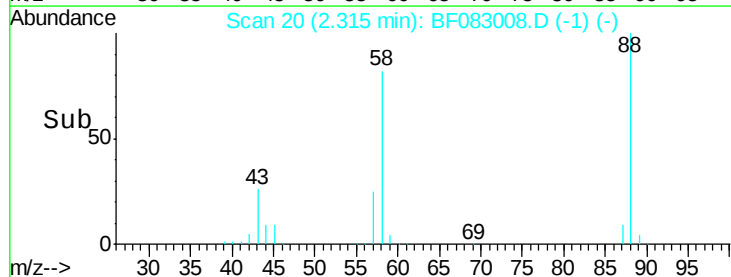
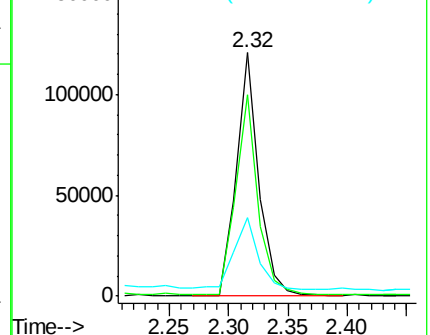
43 31.3 26.6 40.0

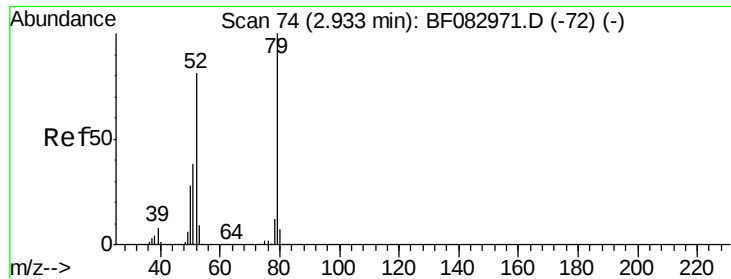


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

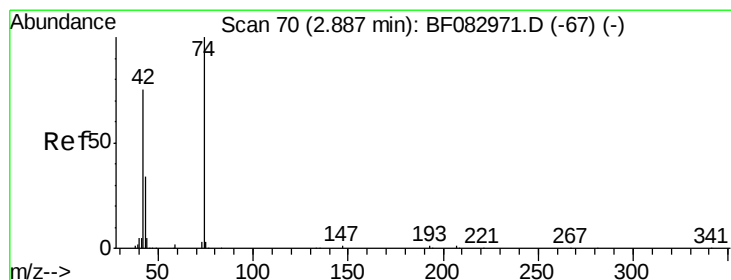
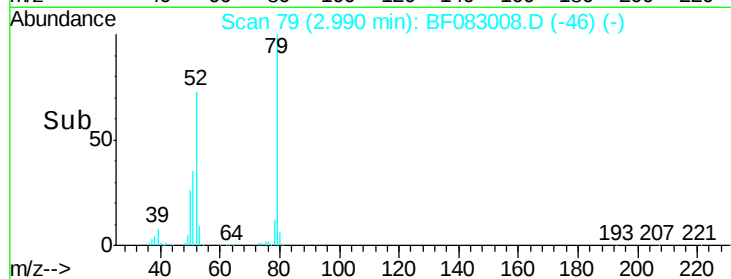
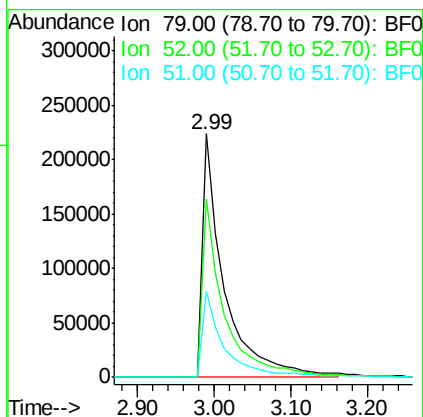
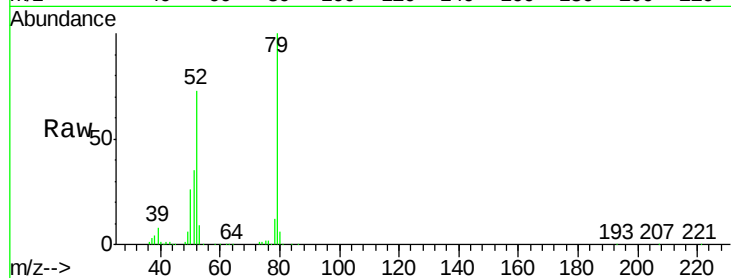




#3
 Pvridine
 Concen: 32.88 ng
 RT: 2.99 min Scan# 79
 Delta R.T. 0.08 min
 Lab File: BF083008.D
 Acq: 18 Nov 2015 14:09

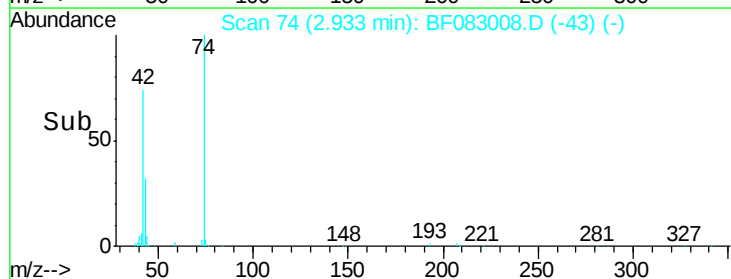
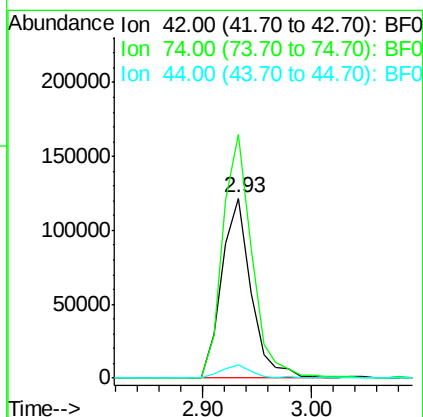
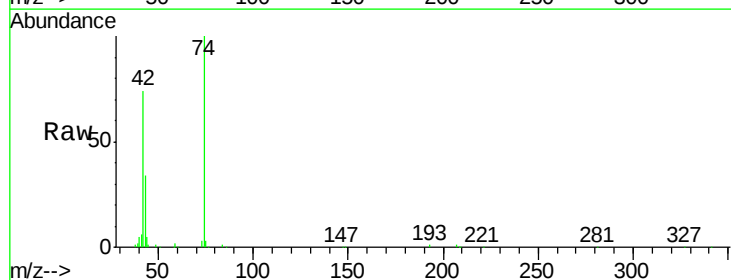
Instrument :
 BNA_F
 ClientSampleId :
 PB86622BS

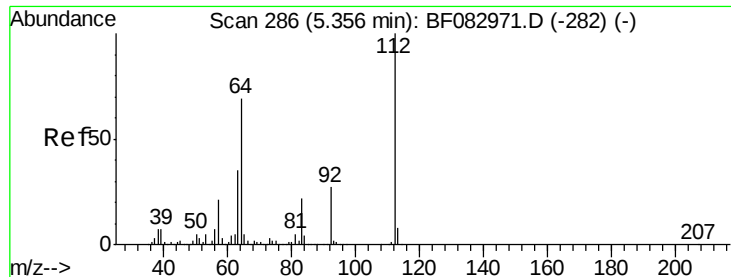
Tot Ion	Ratio	Lower	Upper
79	100		
52	73.4	62.8	94.2
51	35.3	32.0	48.0



#4
 n-Nitrosodimethylamine
 Concen: 35.02 ng
 RT: 2.93 min Scan# 74
 Delta R.T. 0.06 min
 Lab File: BF083008.D
 Acq: 18 Nov 2015 14:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.4	87.0	130.4#
44	7.2	5.8	8.8





#5

2-Fluorophenol

Concen: 114.99 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA_F

ClientSampleId :

PB86622BS

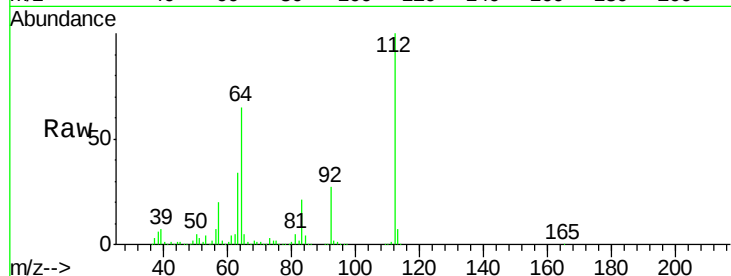
Tot Ion:112 Resp: 1210864

Ion Ratio Lower Upper

112 100

64 64.8 48.9 73.3

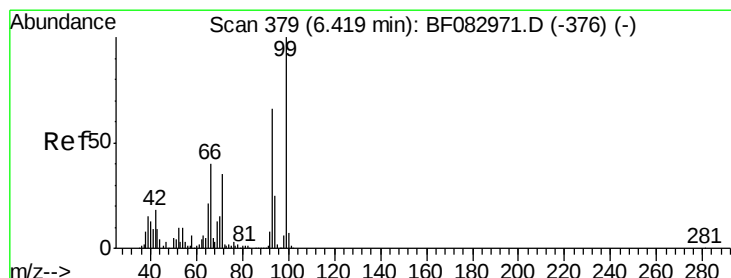
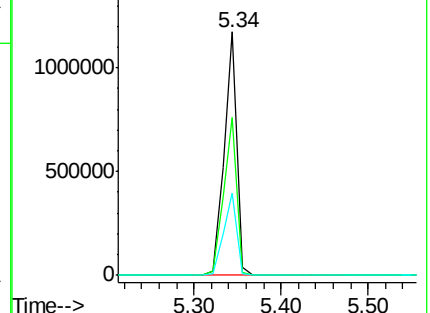
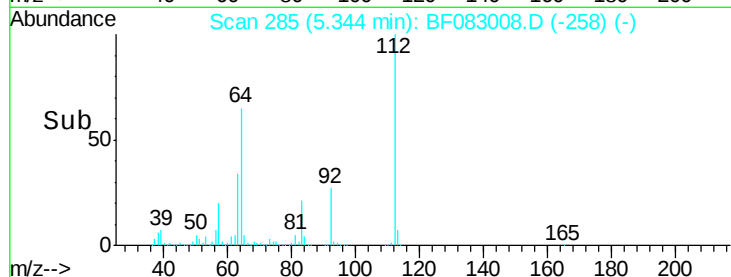
63 33.8 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.66 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

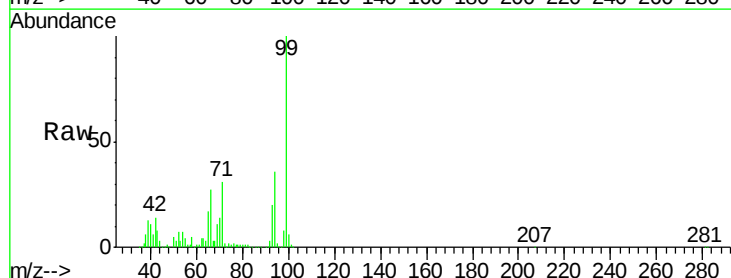
Tgt Ion: 93 Resp: 248848

Ion Ratio Lower Upper

93 100

66 132.1 33.6 50.4#

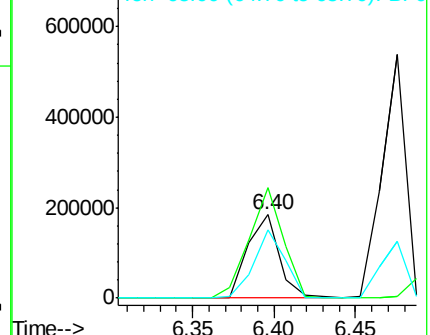
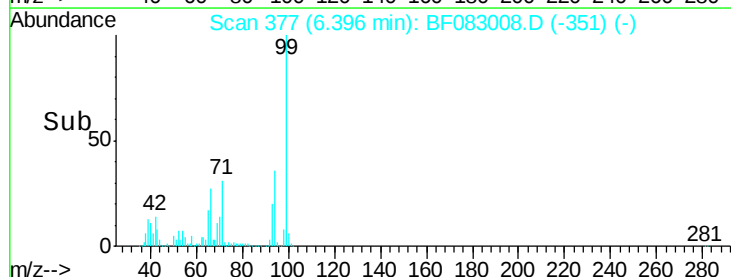
65 81.8 18.1 27.1#

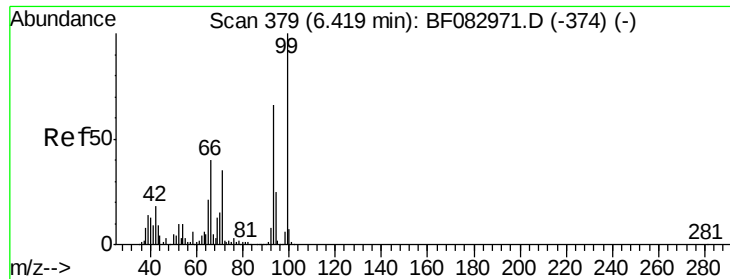


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.82 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

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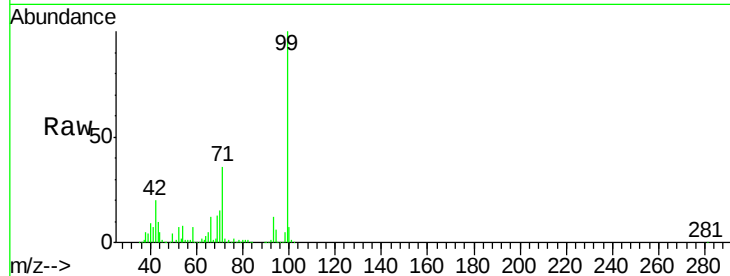
Tot Ion: 99 Resp: 1663258

Ion Ratio Lower Upper

99 100

42 20.0 19.2 28.8

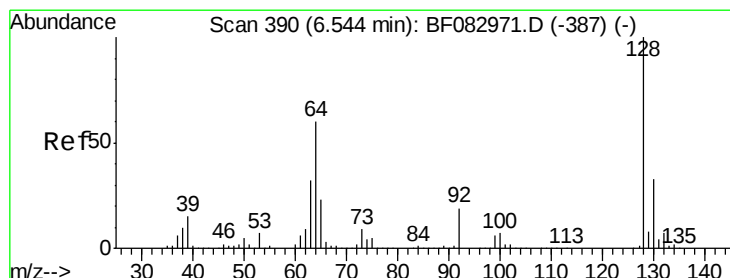
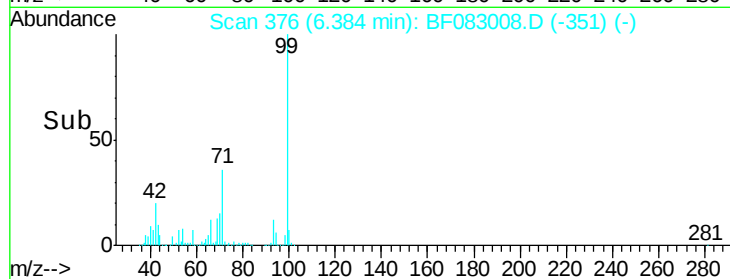
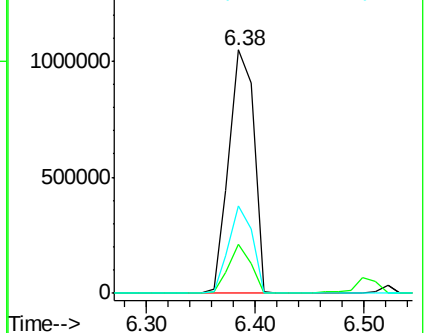
71 35.9 35.0 52.4



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: 39.47 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

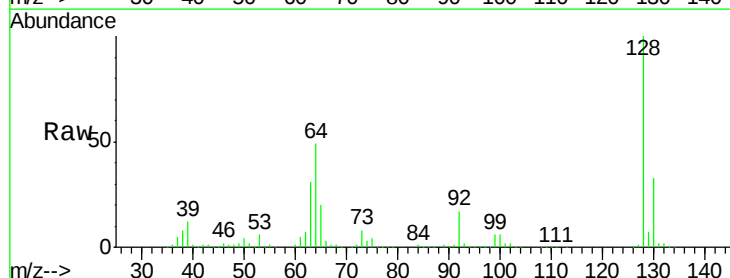
Tgt Ion:128 Resp: 460707

Ion Ratio Lower Upper

128 100

130 33.5 13.5 53.5

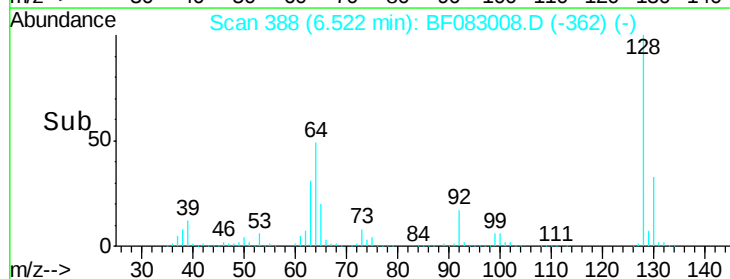
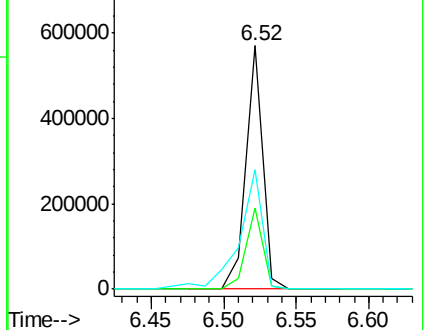
64 49.1 21.1 61.1

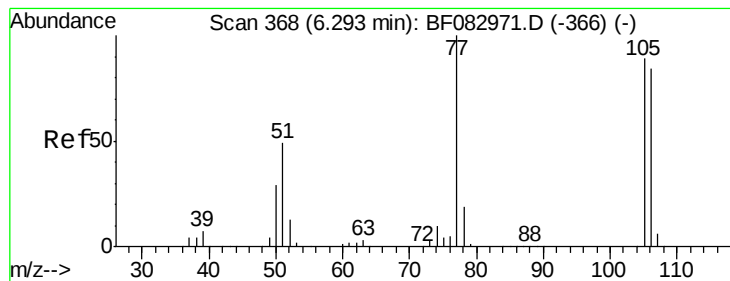


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 48.52 ng

RT: 6.27 min Scan# 366

Delta R.T. 0.00 min

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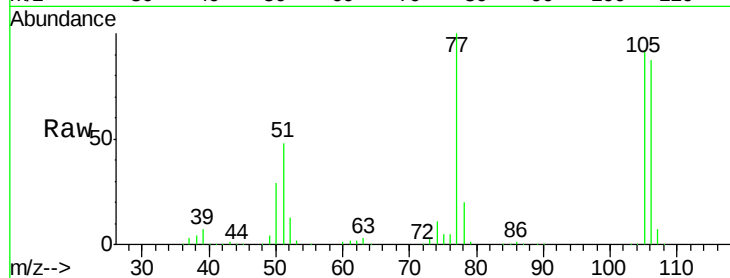
Tot Ion: 77 Resp: 375228

Ion Ratio Lower Upper

77 100

105 92.3 63.5 103.5

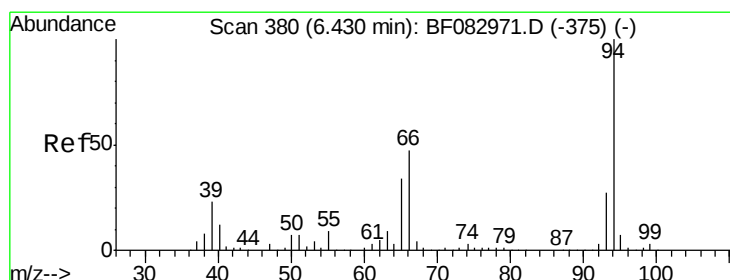
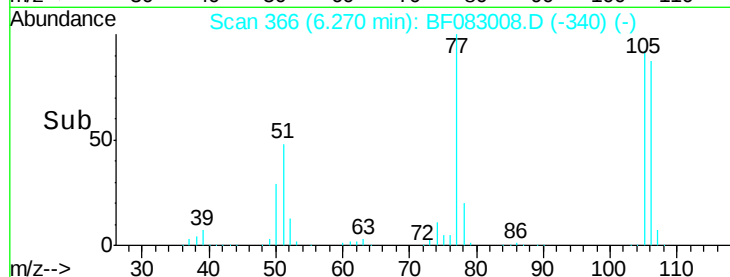
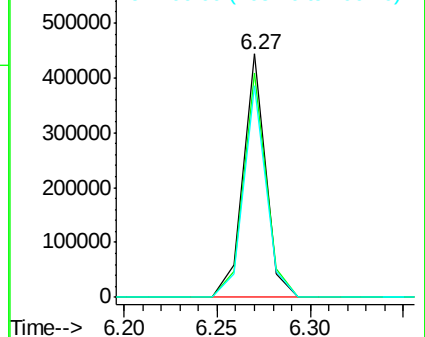
106 86.8 59.3 99.3



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: 32.68 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

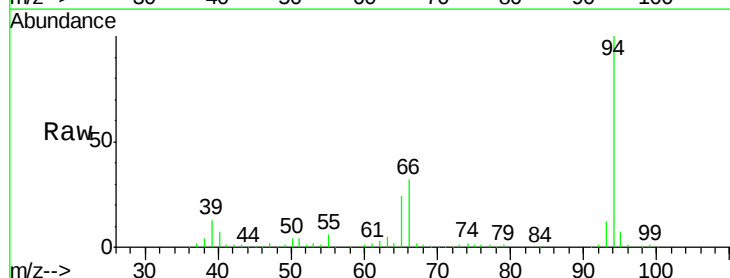
Tgt Ion: 94 Resp: 519066

Ion Ratio Lower Upper

94 100

65 23.5 18.9 58.9

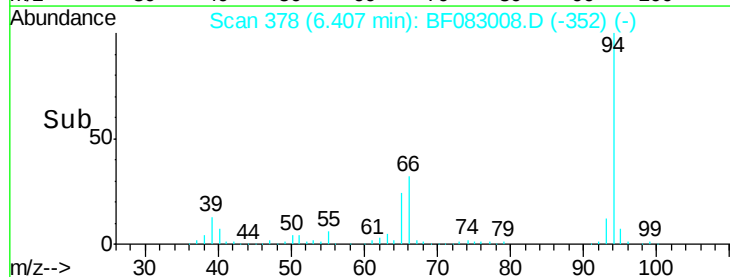
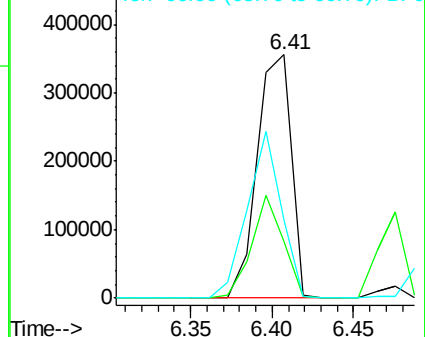
66 32.2 34.9 74.9#

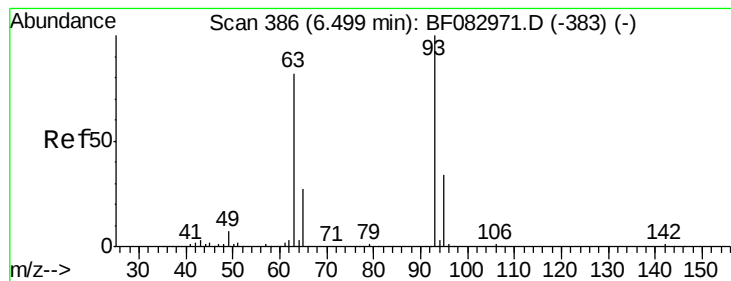


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

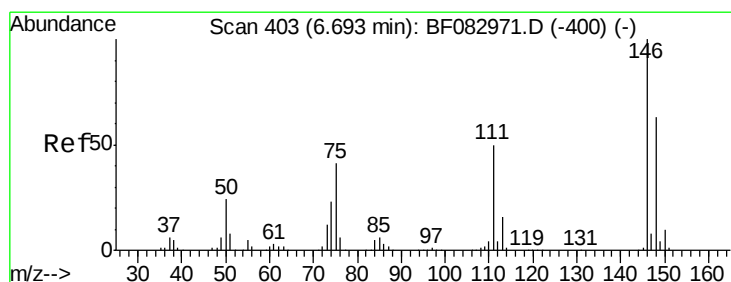
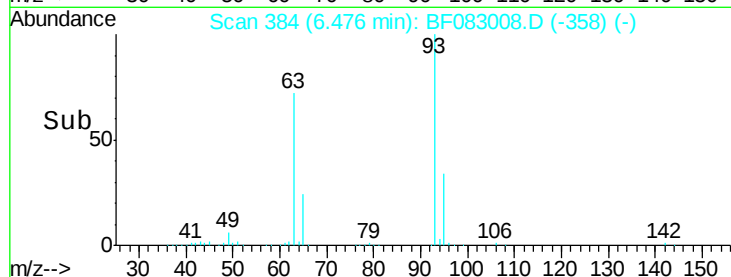
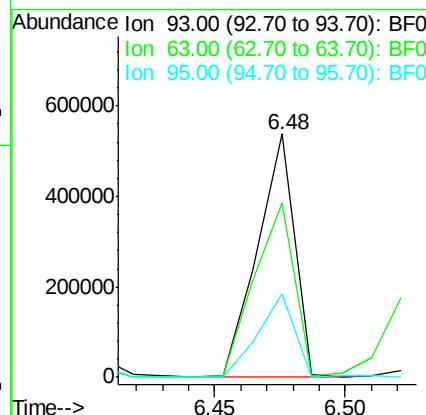
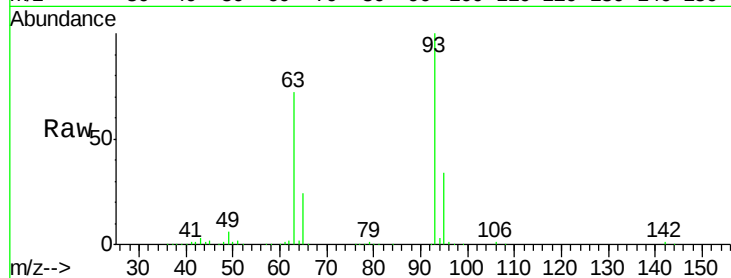




#11
bis(2-Chloroethyl)ether
Concen: 45.07 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.00 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

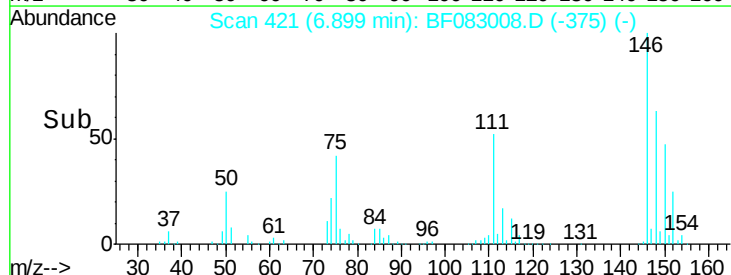
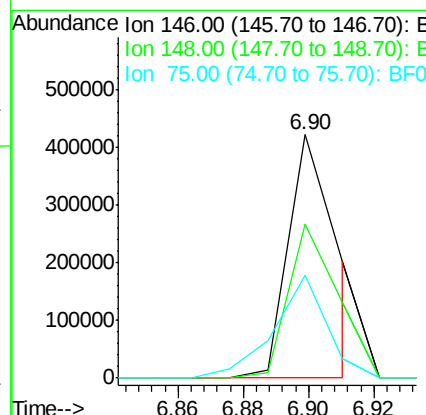
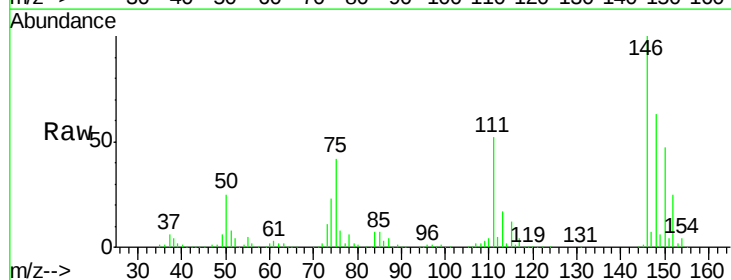
Instrument :
BNA_F
ClientSampleId :
PB86622BS

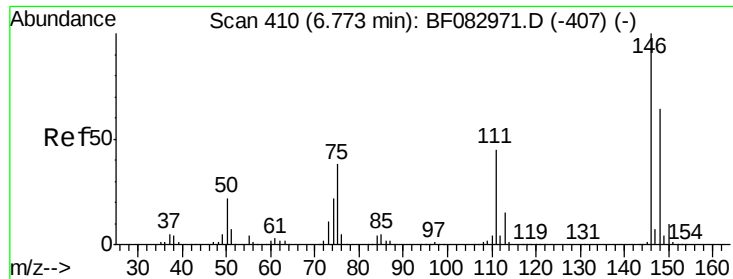
Tot Ion: 93 Resp: 535355
Ion Ratio Lower Upper
93 100
63 71.7 72.7 112.7#
95 34.4 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 33.29 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.23 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

Tgt Ion: 146 Resp: 438279
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
75 42.5 39.5 59.3





#13

1,4-Dichlorobenzene

Concen: 38.26 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA_F

ClientSampleId :

PB86622BS

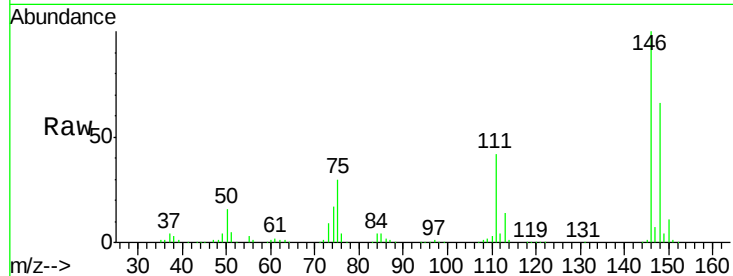
Tot Ion:146 Resp: 524041

Ion Ratio Lower Upper

146 100

148 65.6 50.8 76.2

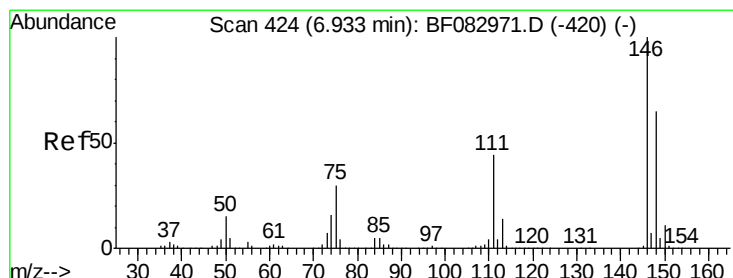
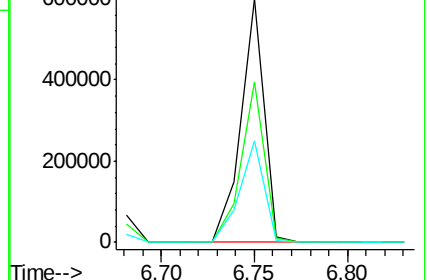
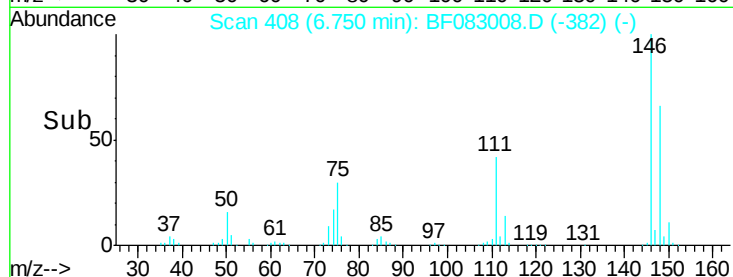
111 41.6 40.6 60.8



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: 35.22 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

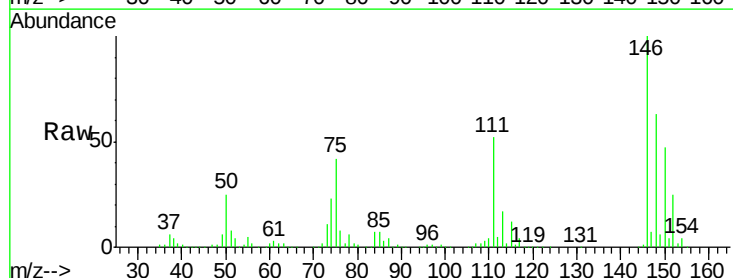
Tgt Ion:146 Resp: 438674

Ion Ratio Lower Upper

146 100

148 63.3 52.2 78.4

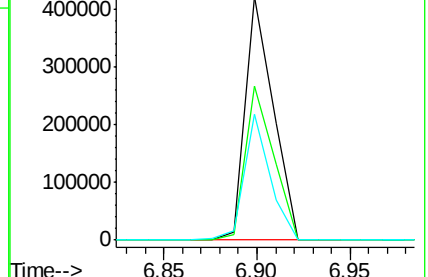
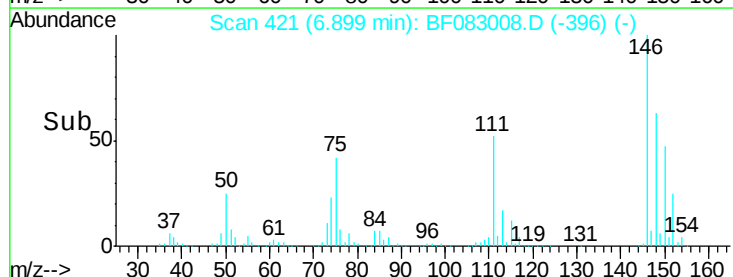
111 51.8 36.6 55.0

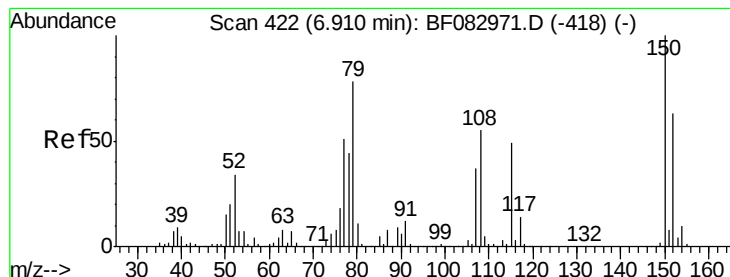


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.73 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA_F

ClientSampleId :

PB86622BS

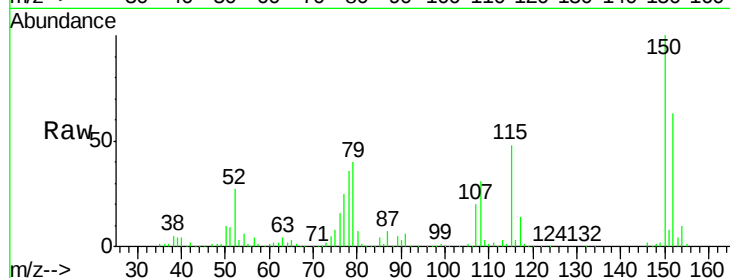
Tot Ion: 79 Resp: 439224

Ion Ratio Lower Upper

79 100

108 76.3 52.2 78.4

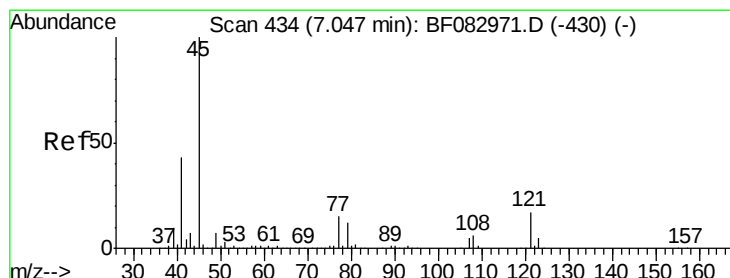
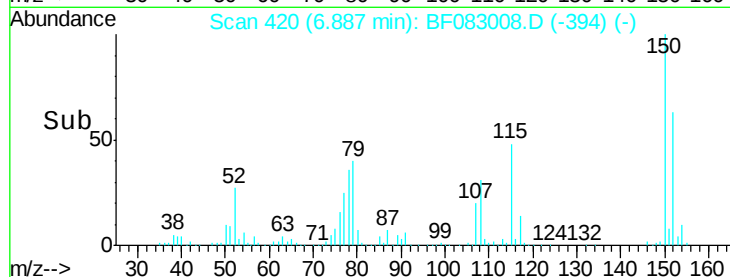
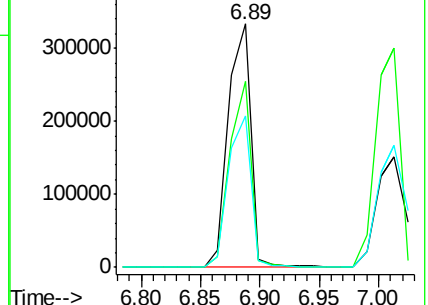
77 62.2 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.87 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

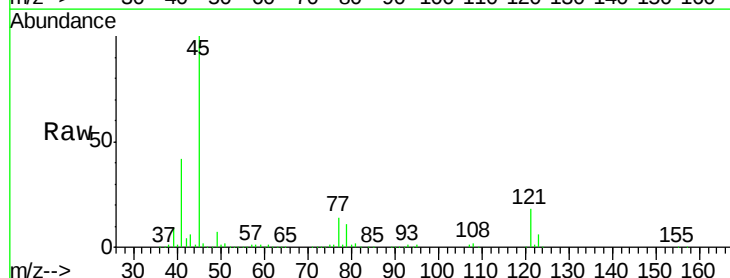
Tgt Ion: 45 Resp: 729471

Ion Ratio Lower Upper

45 100

77 13.9 0.0 32.6

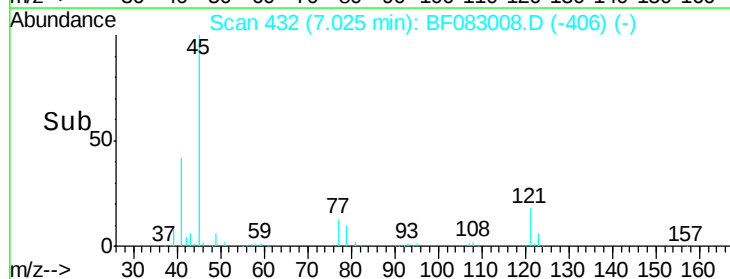
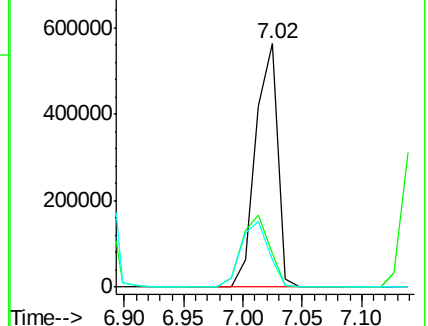
79 11.1 0.0 29.2

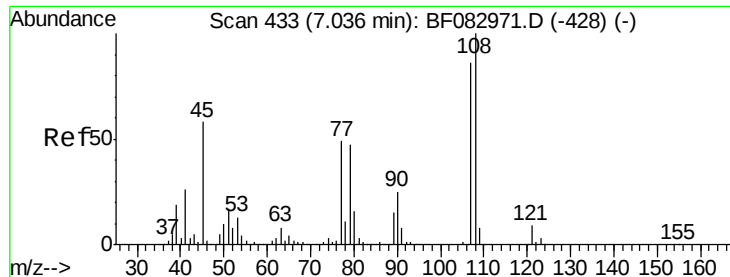


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

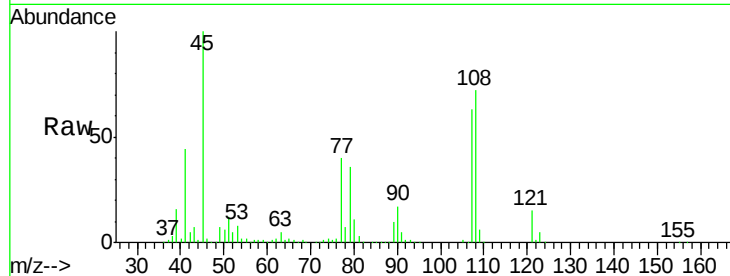




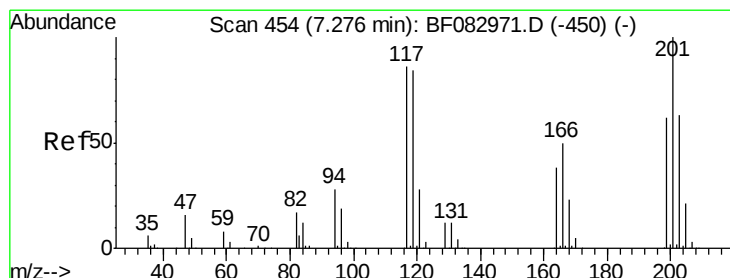
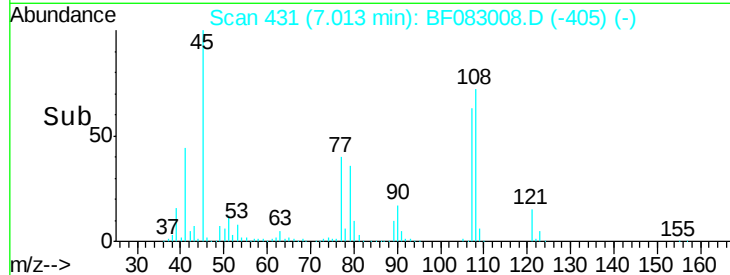
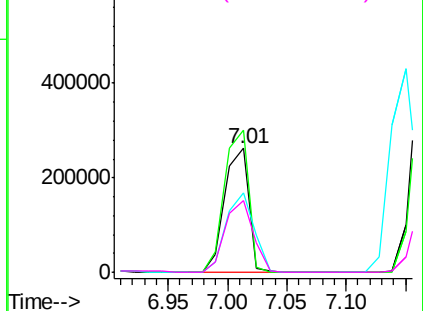
#17
2-Methylphenol
Concen: 37.26 ng
RT: 7.01 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

Instrument :
BNA_F
ClientSampleId :
PB86622BS

Tot Ion:	107	Resp:	368356
Ion	Ratio	Lower	Upper
107	100		
108	114.4	93.0	139.4
77	63.9	44.1	66.1
79	57.5	43.6	65.4

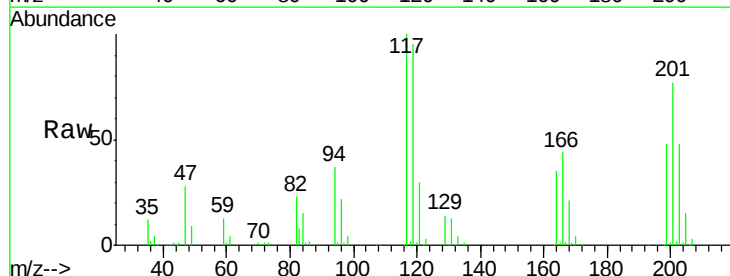


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

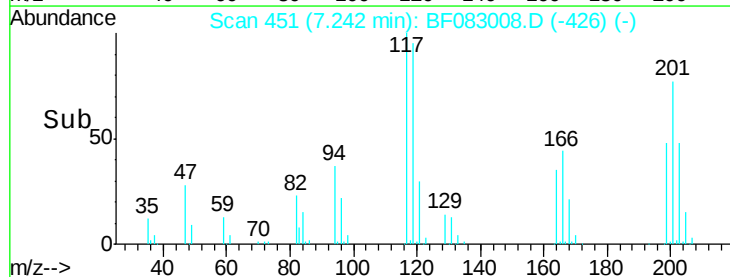
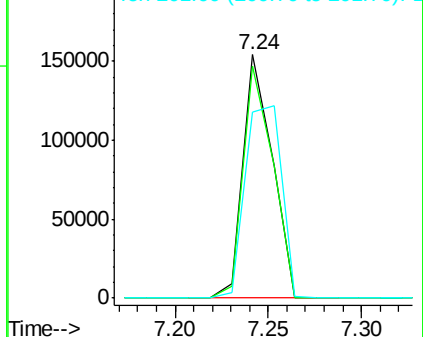


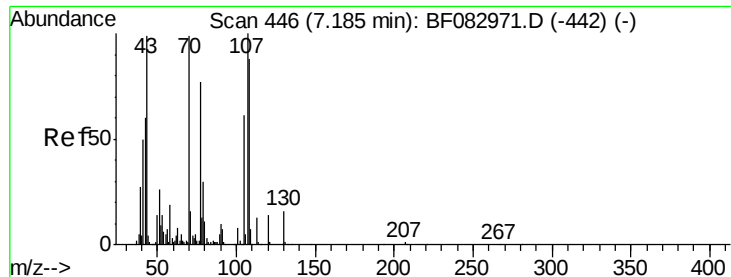
#18
Hexachloroethane
Concen: 34.71 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

Tgt Ion:	117	Resp:	170027
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.7	116.5
201	76.5	66.7	100.1



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

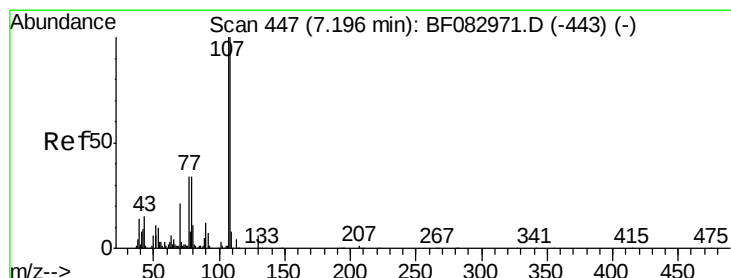
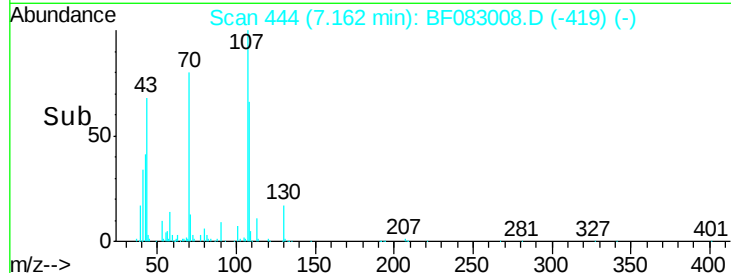
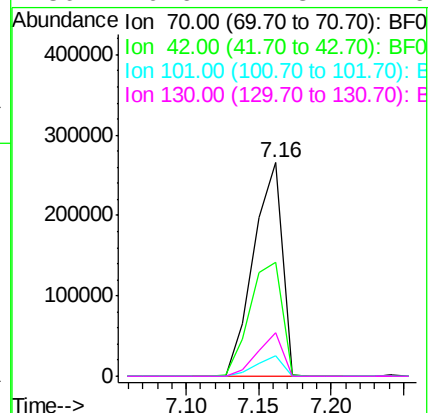
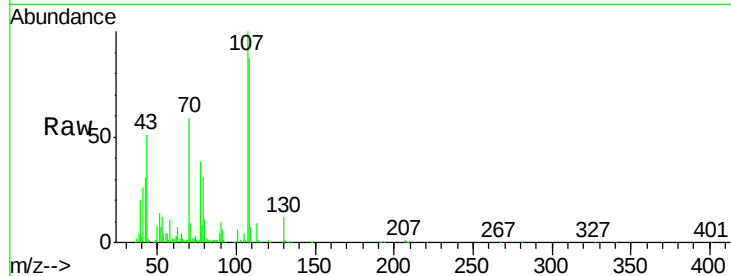




#19
n-Nitroso-di-n-propylamine
Concen: 35.36 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

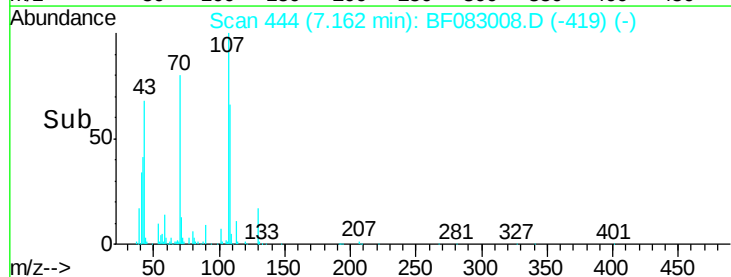
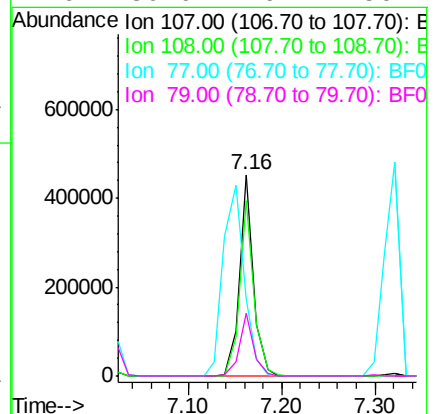
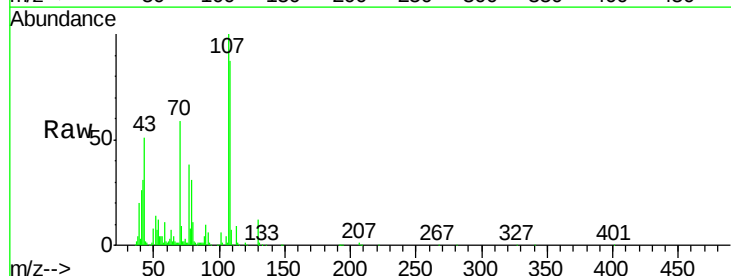
Instrument :
BNA_F
ClientSampleId :
PB86622BS

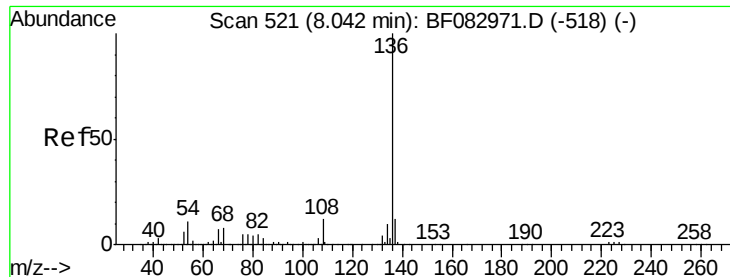
Tot Ion: 70 Resp: 363844
Ion Ratio Lower Upper
70 100
42 53.3 57.7 86.5#
101 9.5 7.0 10.6
130 20.6 11.8 17.6#



#20
3+4-Methylphenols
Concen: 36.88 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

Tgt Ion: 107 Resp: 474015
Ion Ratio Lower Upper
107 100
108 87.4 67.3 107.3
77 38.2 100.3 140.3#
79 30.9 16.2 56.2

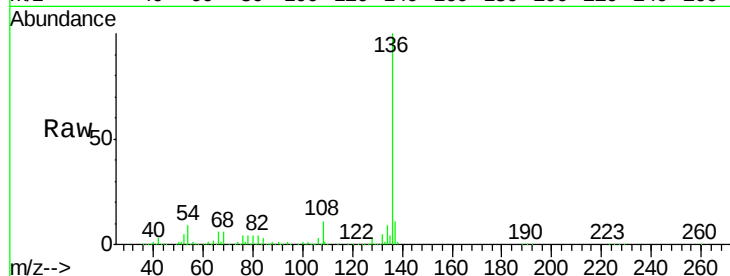




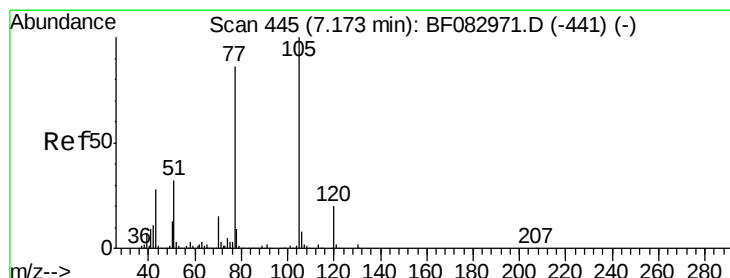
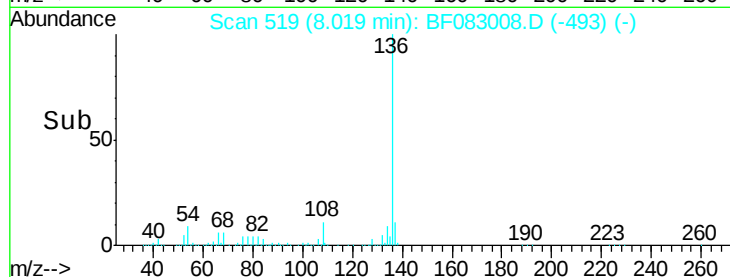
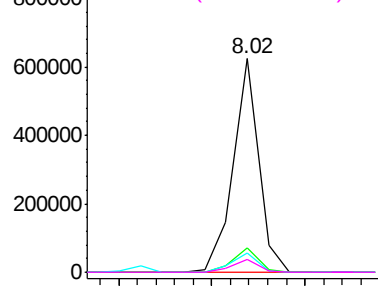
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

Instrument :
BNA_F
ClientSampleId :
PB86622BS

Tot Ion:136	Resp: 586480
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 8.9	9.1 13.7#
68 6.2	4.8 7.2

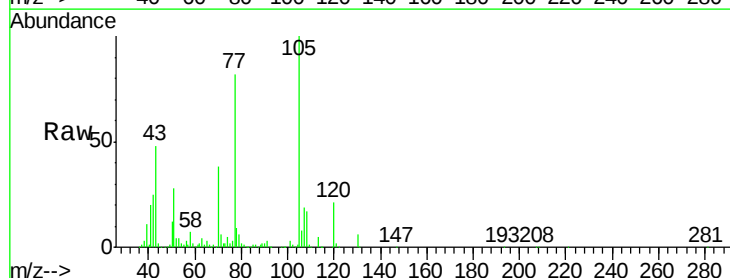


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

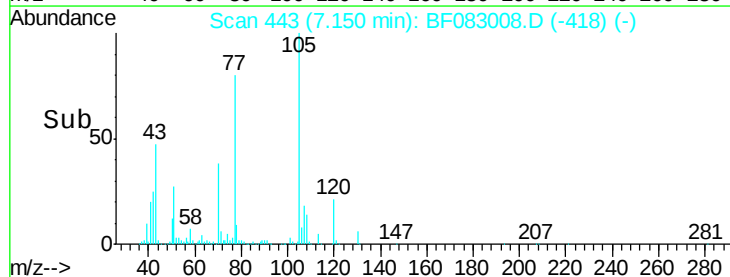
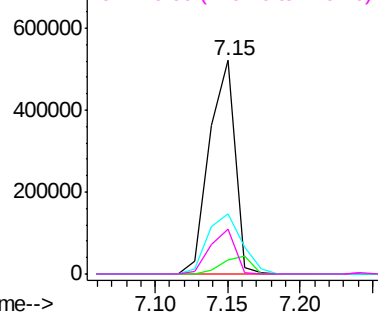


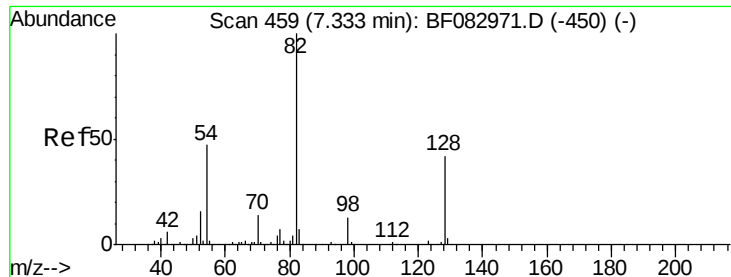
#22
Acetophenone
Concen: 38.23 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

Tgt	Ion:105	Resp:	642371
Ion	Ratio	Lower	Upper
105	100		
71	6.4	5.6	8.4
51	28.4	24.9	37.3
120	21.1	15.8	23.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

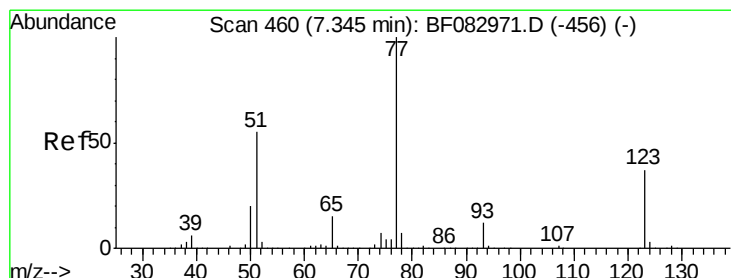
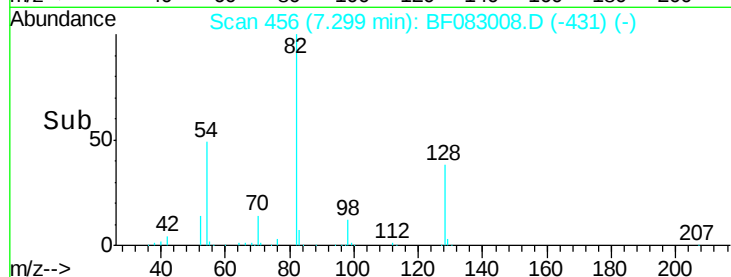
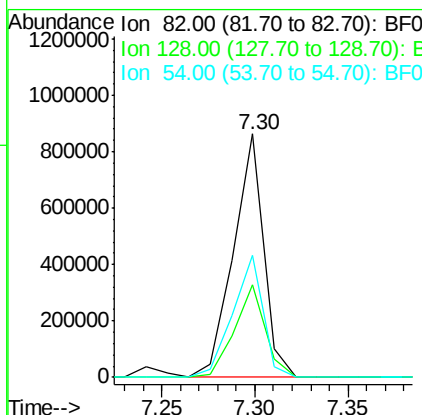
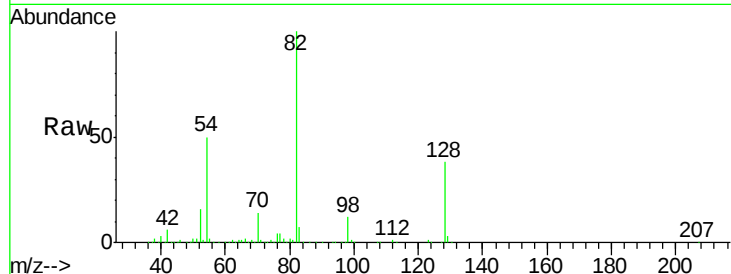




#23
Nitrobenzene-d5
Concen: 72.46 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

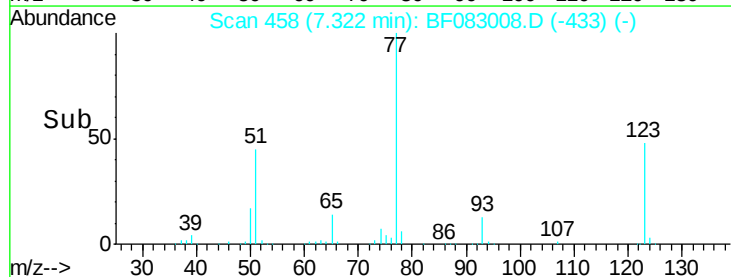
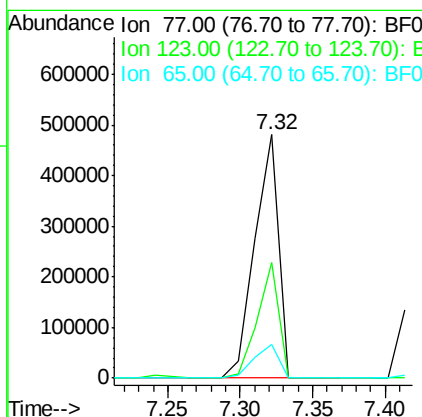
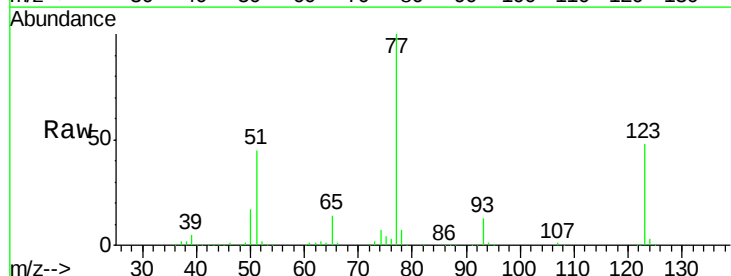
Instrument :
BNA_F
ClientSampleId :
PB86622BS

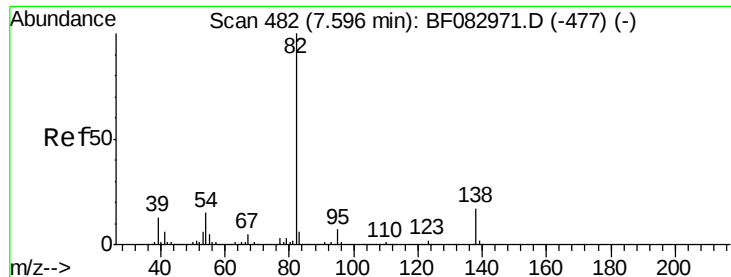
Tot Ion: 82 Resp: 976661
Ion Ratio Lower Upper
82 100
128 38.1 26.8 40.2
54 50.4 45.7 68.5



#24
Nitrobenzene
Concen: 39.55 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

Tgt Ion: 77 Resp: 545107
Ion Ratio Lower Upper
77 100
123 47.7 36.4 54.6
65 13.7 11.5 17.3





#25

Isophorone

Concen: 37.46 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA_F

ClientSampled :

PB86622BS

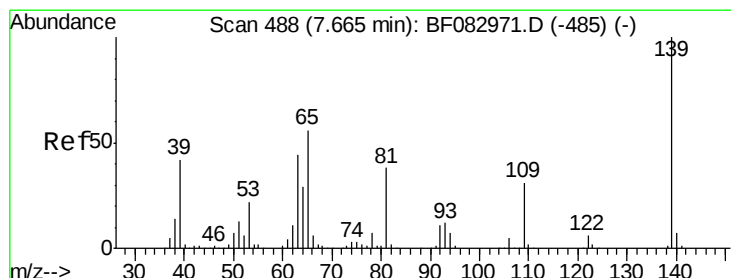
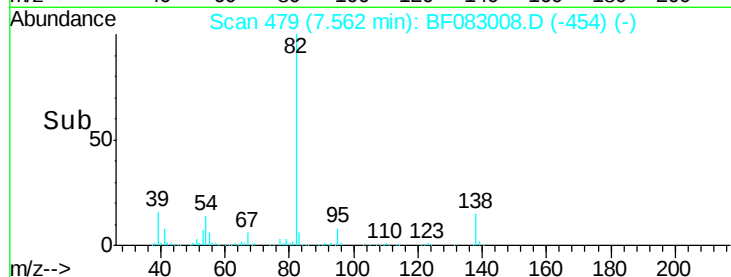
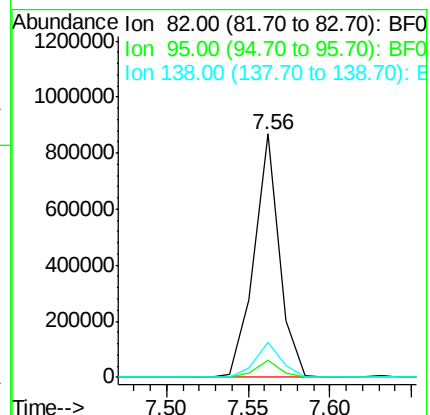
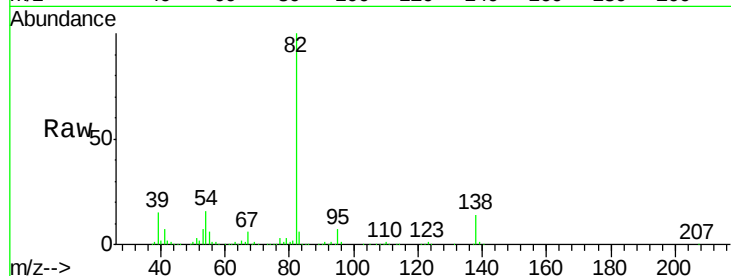
Tot Ion: 82 Resp: 934241

Ion Ratio Lower Upper

82 100

95 7.2 6.6 9.8

138 14.4 11.4 17.0



#26

2-Nitrophenol

Concen: 39.52 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

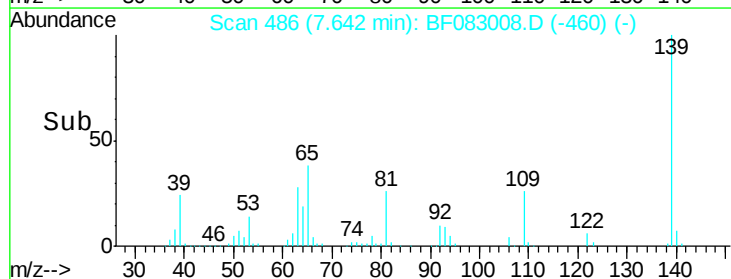
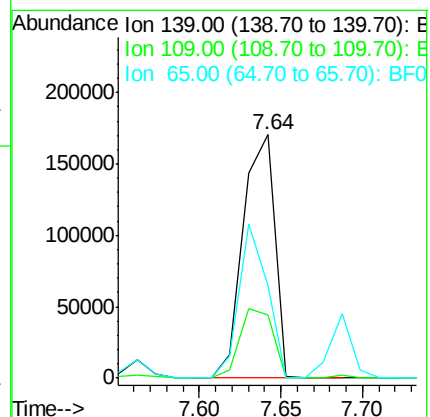
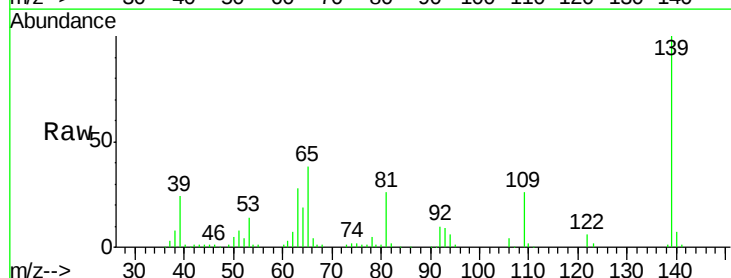
Tgt Ion: 139 Resp: 227366

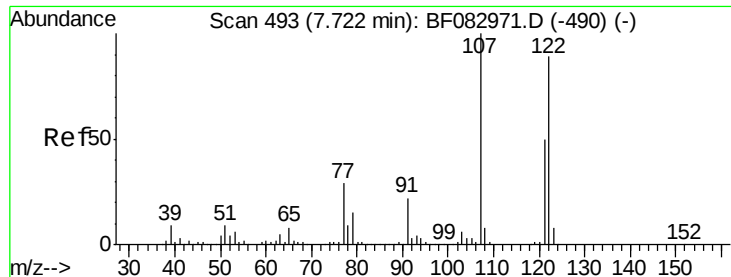
Ion Ratio Lower Upper

139 100

109 25.9 37.6 56.4#

65 38.2 70.6 105.8#





#27

2,4-Dimethylphenol

Concen: 35.42 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA_F

ClientSampleId :

PB86622BS

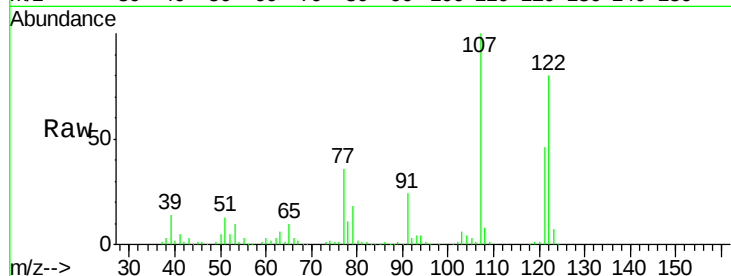
Tot Ion:122 Resp: 366115

Ion Ratio Lower Upper

122 100

107 125.3 106.0 159.0

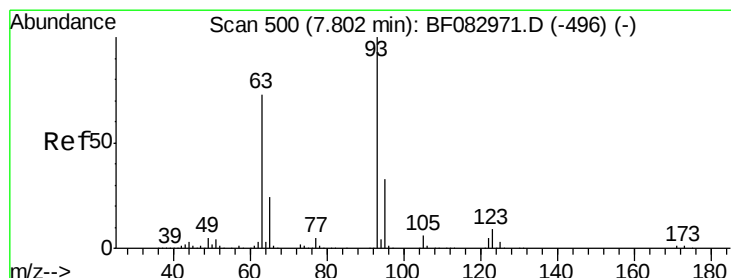
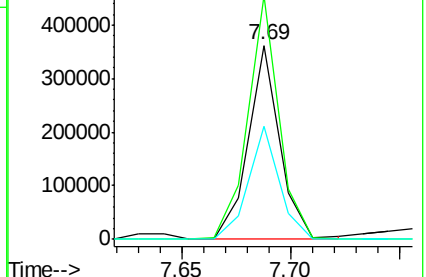
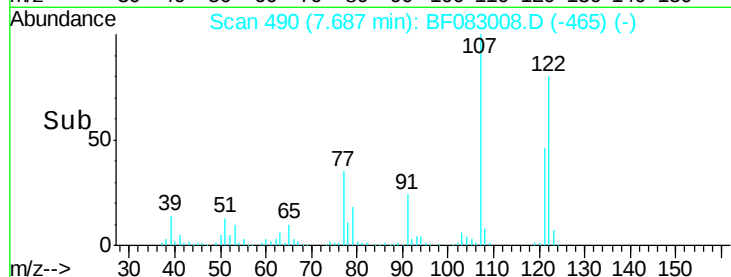
121 58.0 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.31 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

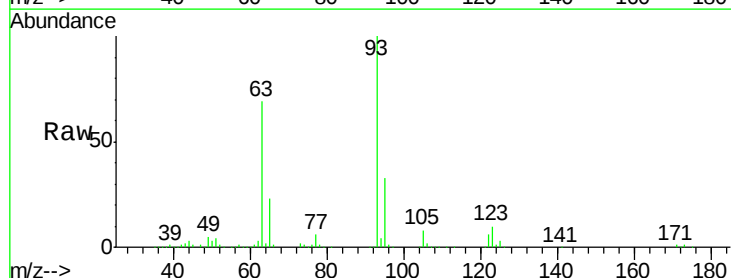
Tgt Ion: 93 Resp: 581055

Ion Ratio Lower Upper

93 100

95 33.5 26.6 40.0

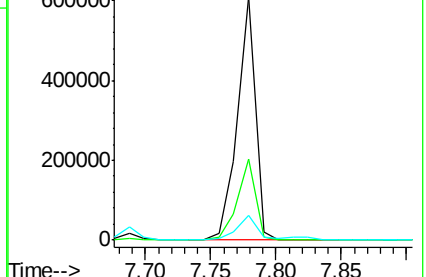
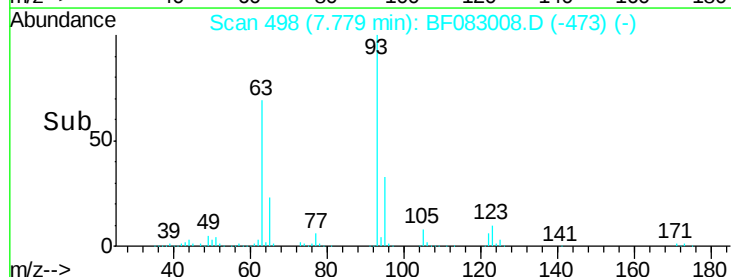
123 10.1 9.7 14.5

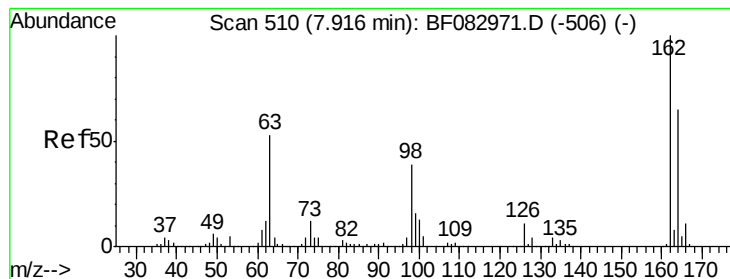


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.22 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA_F

ClientSampleId :

PB86622BS

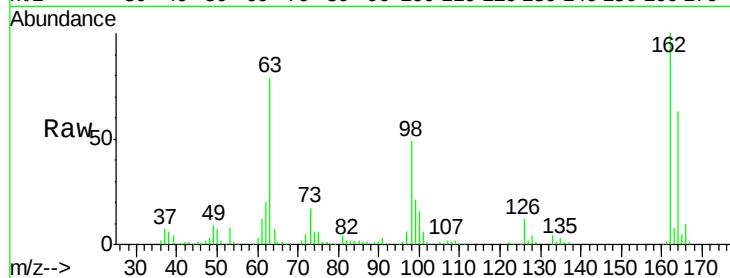
Tot Ion:162 Resp: 357049

Ion Ratio Lower Upper

162 100

164 63.4 46.8 86.8

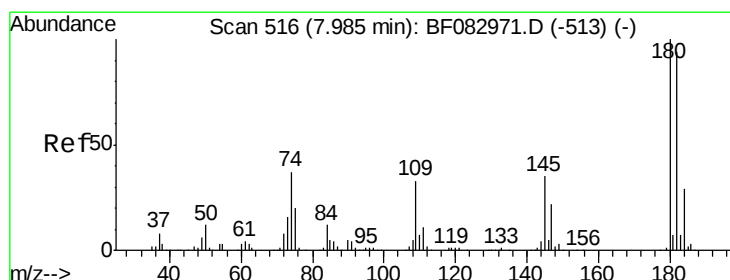
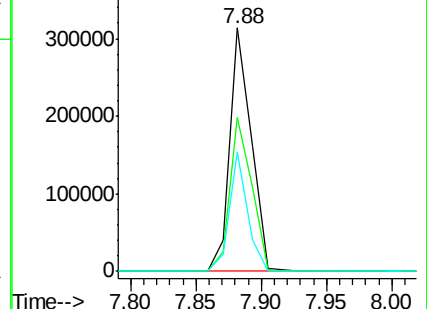
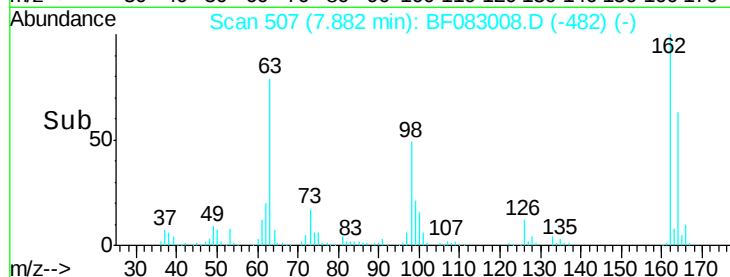
98 48.9 12.5 52.5



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: 36.83 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

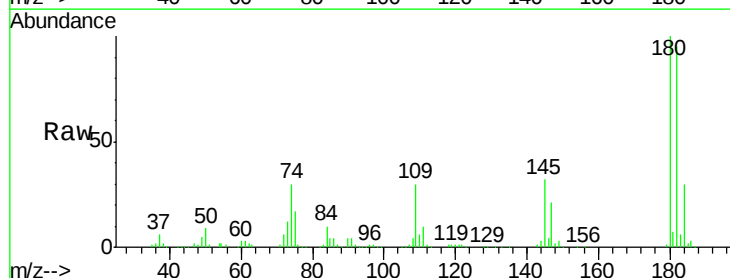
Tgt Ion:180 Resp: 387012

Ion Ratio Lower Upper

180 100

182 94.7 74.9 112.3

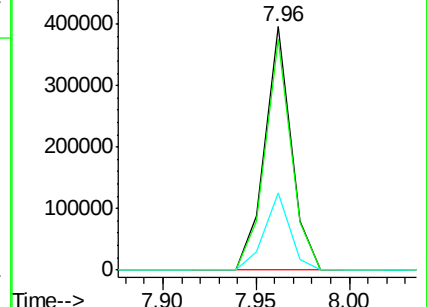
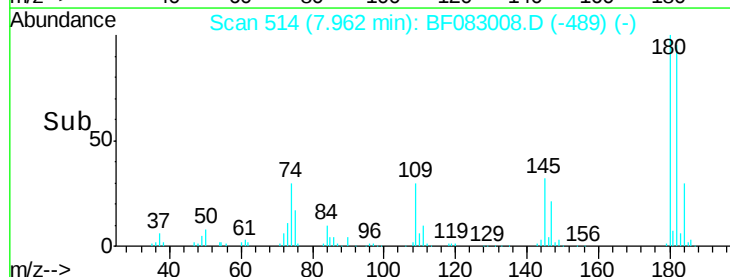
145 31.6 27.8 41.8

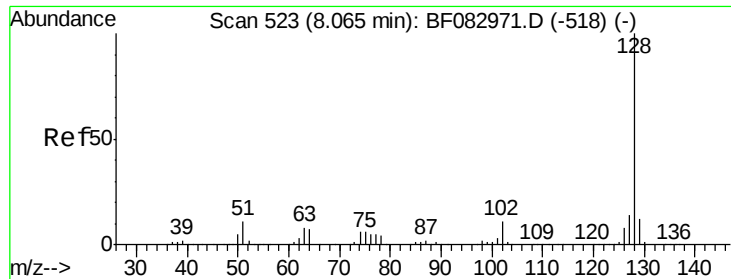


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

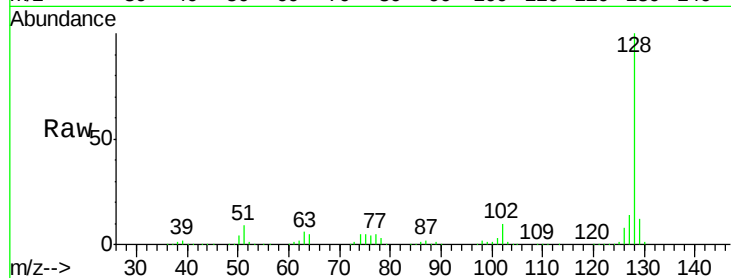




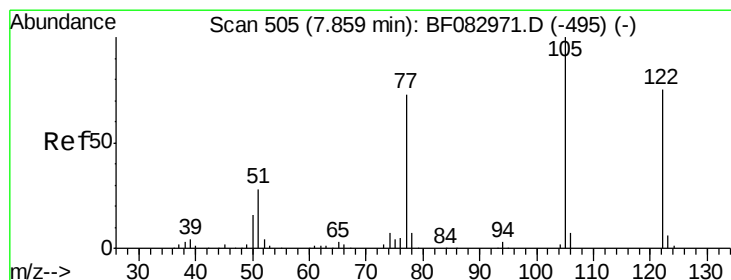
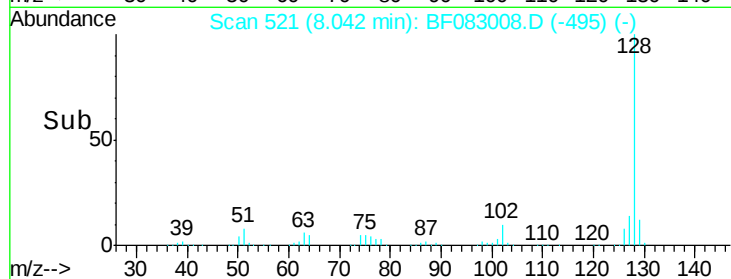
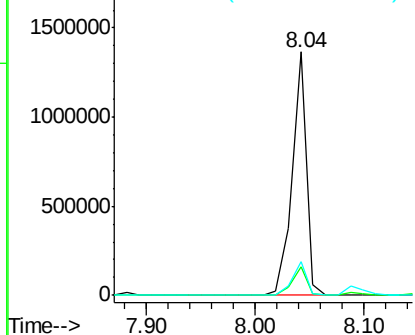
#31
Naphthalene
Concen: 38.73 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

Instrument :
BNA_F
ClientSampleId :
PB86622BS

Tot Ion:128 Resp: 1253341
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.6 11.4 17.0

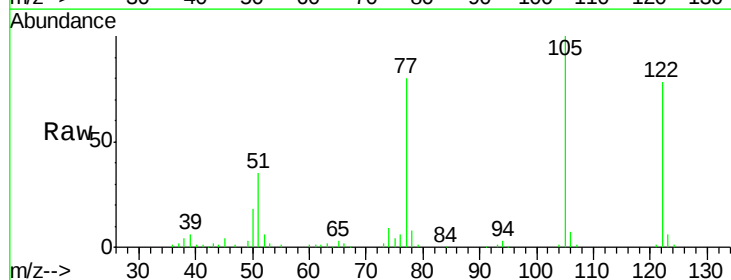


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

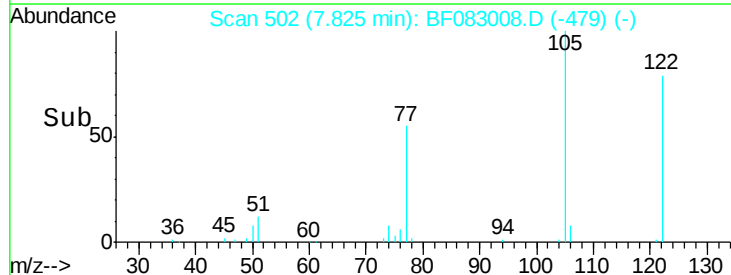
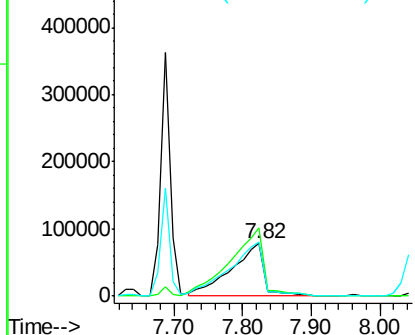


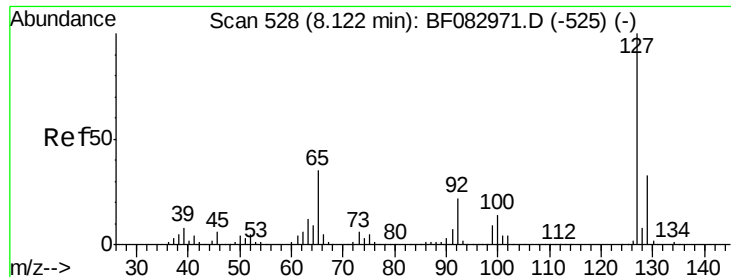
#32
Benzoic acid
Concen: 36.89 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.03 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

Tgt Ion:122 Resp: 261102
Ion Ratio Lower Upper
122 100
105 128.7 122.6 162.6
77 103.6 100.9 140.9



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

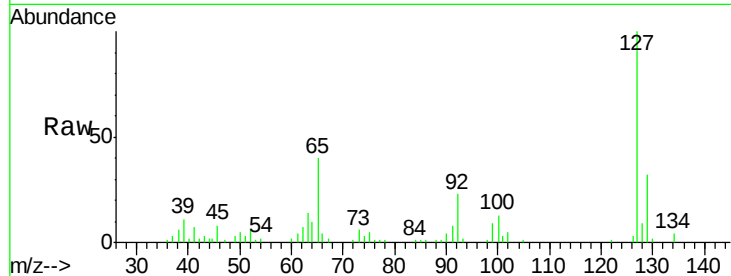




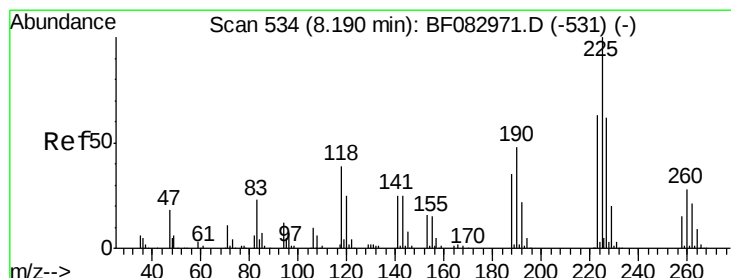
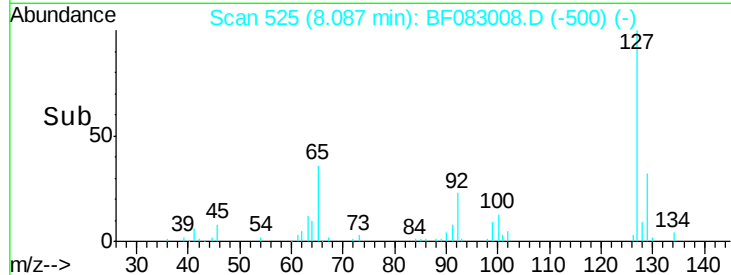
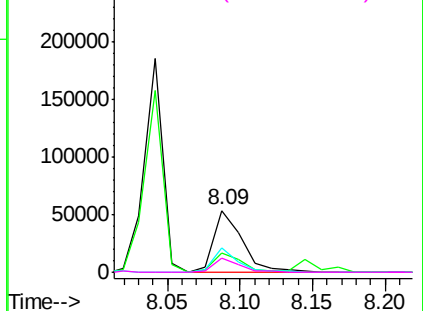
#33
4-Chloroaniline
Concen: 5.27 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

Instrument :
BNA_F
ClientSampleId :
PB86622BS

Tot Ion:127	Resp:	73459
Ion Ratio	Lower	Upper
127	100	
129	32.0	26.3 39.5
65	39.8	37.8 56.8
92	22.6	20.6 31.0

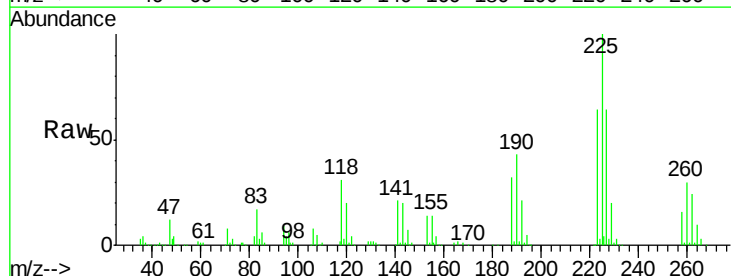


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

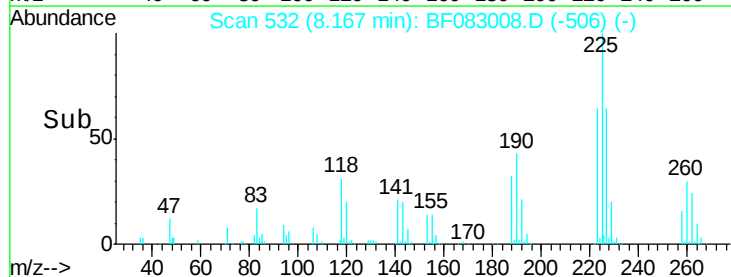
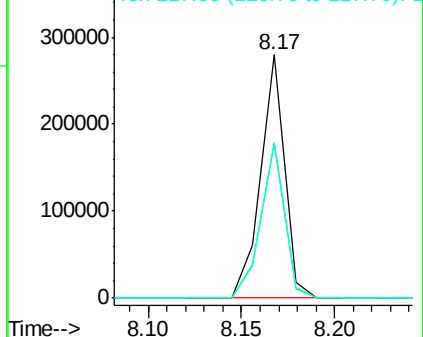


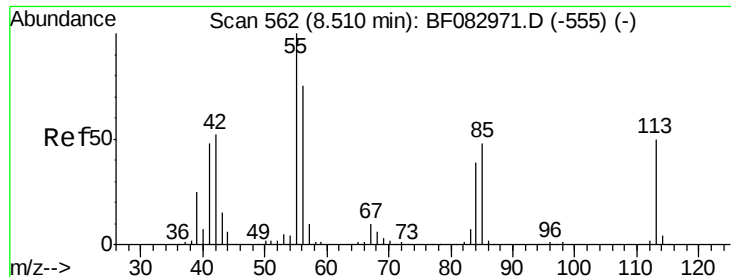
#34
Hexachlorobutadiene
Concen: 37.66 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

Tgt Ion:225	Resp:	247618
Ion Ratio	Lower	Upper
225	100	
223	63.7	50.5 75.7
227	63.8	50.2 75.2



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

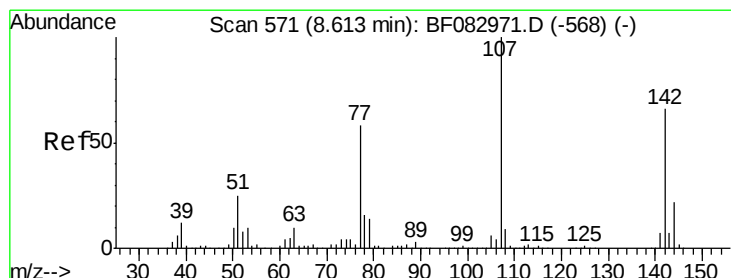
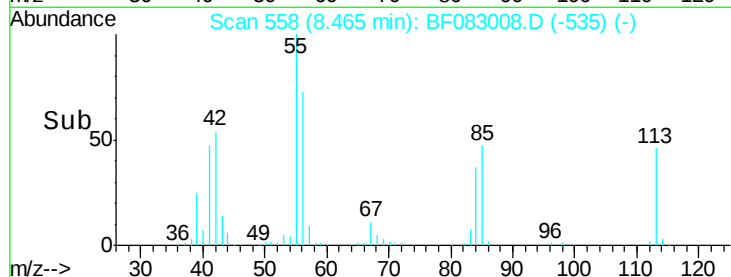
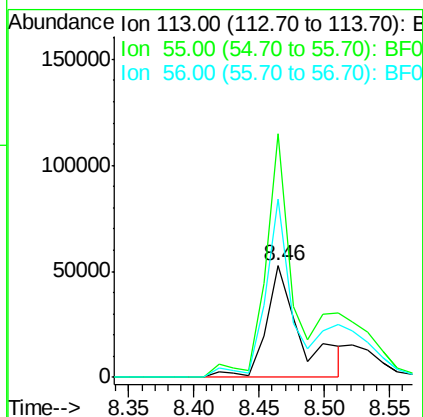
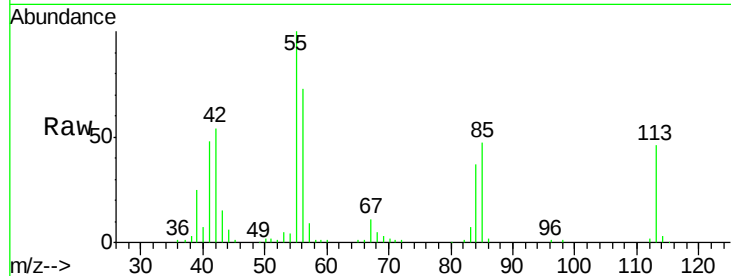




#35
 Caprolactam
 Concen: 33.43 ng
 RT: 8.46 min Scan# 558
 Delta R.T. -0.03 min
 Lab File: BF083008.D
 Acq: 18 Nov 2015 14:09

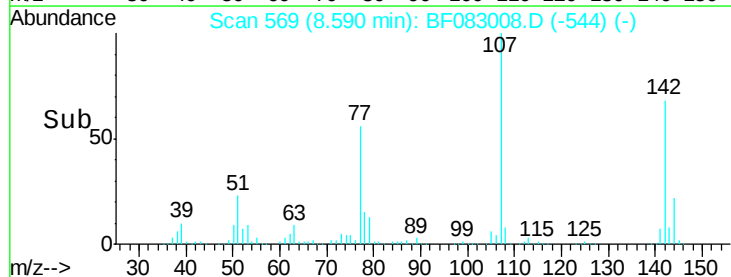
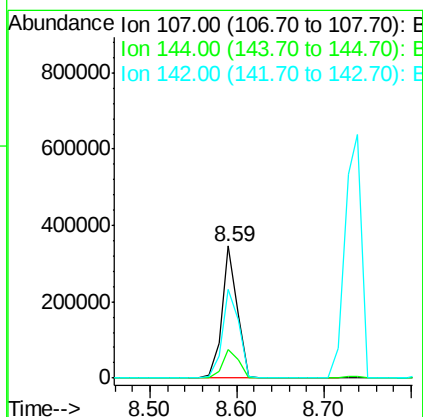
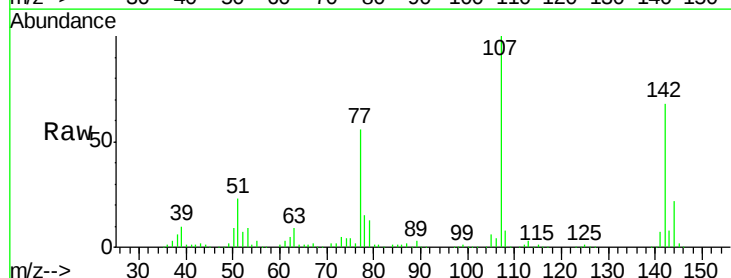
Instrument :
 BNA_F
 ClientSampleId :
 PB86622BS

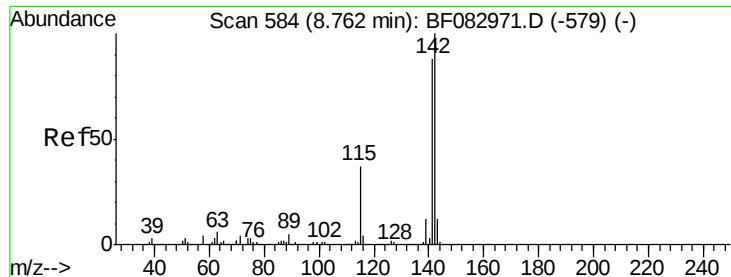
Tot Ion:113 Resp: 98475
 Ion Ratio Lower Upper
 113 100
 55 218.8 195.5 235.5
 56 160.7 153.5 193.5



#36
 4-Chloro-3-methylphenol
 Concen: 38.51 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF083008.D
 Acq: 18 Nov 2015 14:09

Tgt Ion:107 Resp: 423122
 Ion Ratio Lower Upper
 107 100
 144 21.9 15.4 23.0
 142 67.7 47.8 71.8

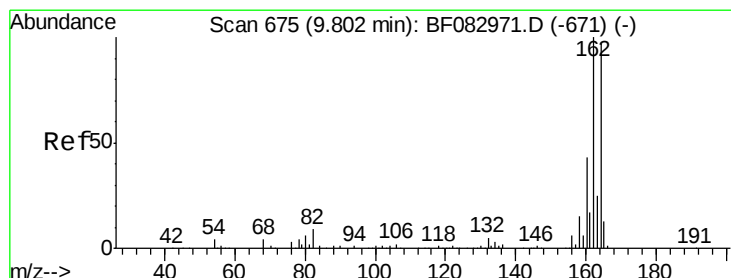
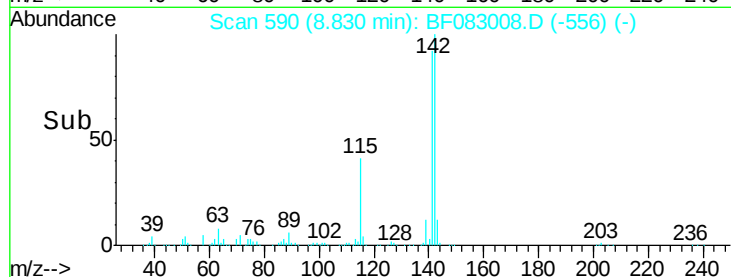
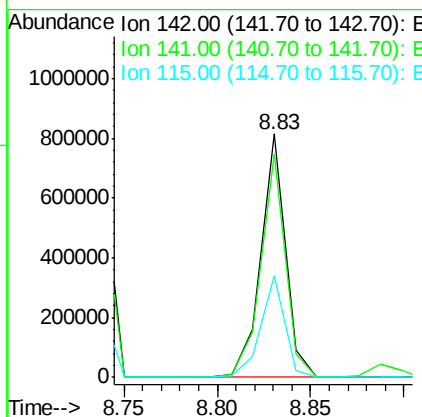
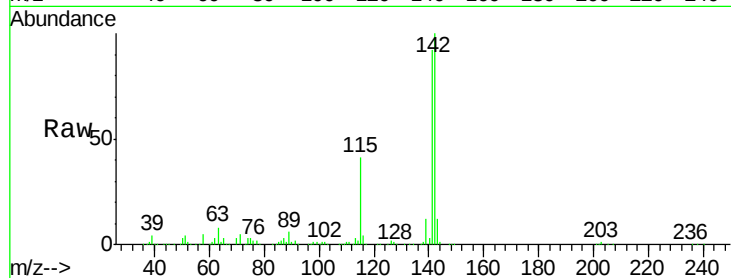




#37
2-Methylnaphthalene
Concen: 35.23 ng
RT: 8.83 min Scan# 590
Delta R.T. 0.09 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

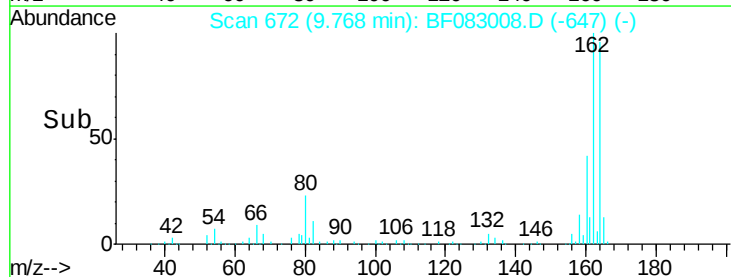
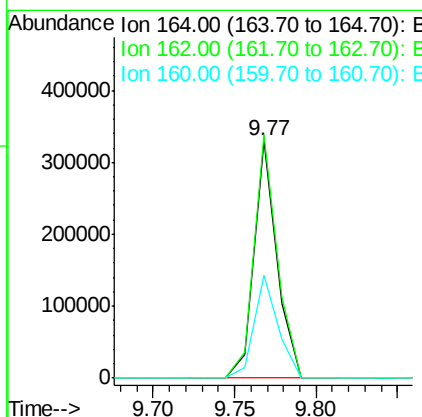
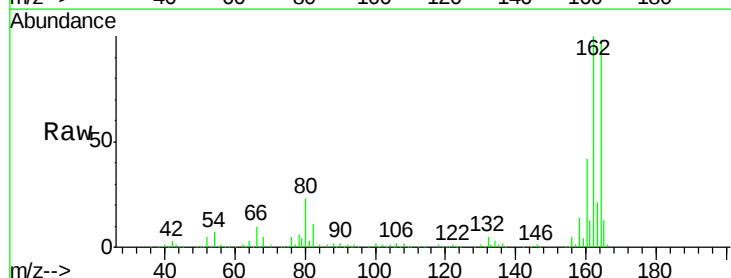
Instrument :
BNA_F
ClientSampleId :
PB86622BS

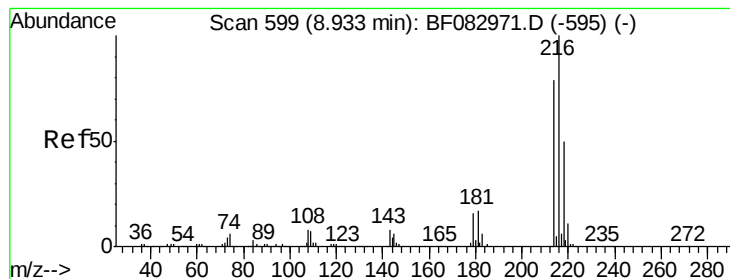
Tot Ion:142 Resp: 737547
Ion Ratio Lower Upper
142 100
141 91.8 72.3 108.5
115 41.5 38.1 57.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

Tgt Ion:164 Resp: 321288
Ion Ratio Lower Upper
164 100
162 102.6 84.9 127.3
160 43.4 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.05 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA_F

ClientSampleId :

PB86622BS

Tot Ion:216 Resp: 370032

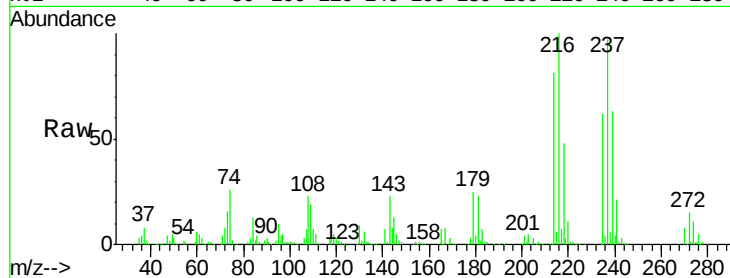
Ion Ratio Lower Upper

216 100

214 79.1 62.2 93.2

179 22.1 18.1 27.1

108 22.0 16.6 25.0

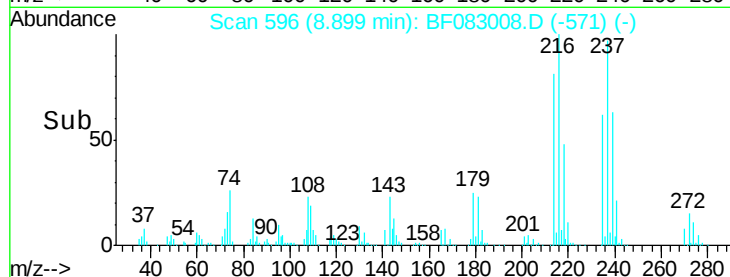


Abundance Ion 216.00 (215.70 to 216.70): E

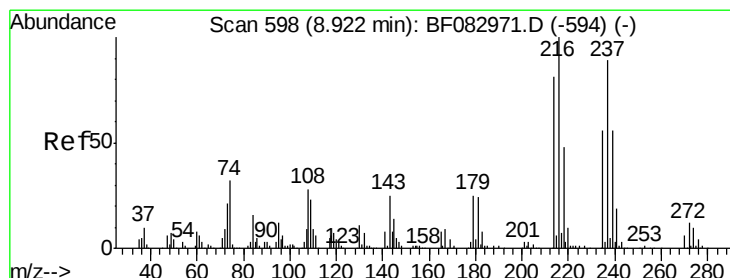
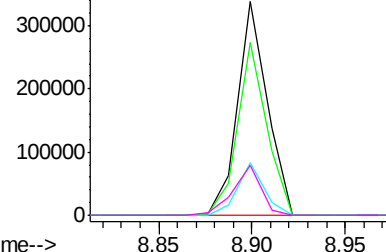
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 76.87 ng

RT: 8.90 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

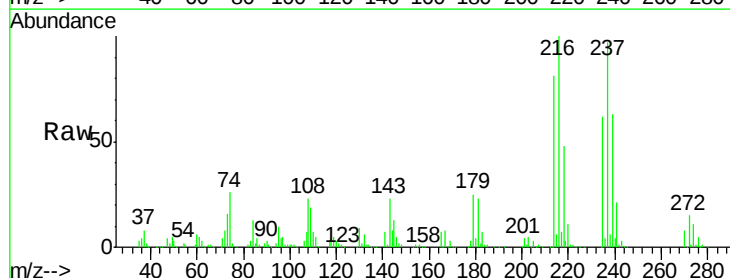
Tgt Ion:237 Resp: 436006

Ion Ratio Lower Upper

237 100

235 63.7 44.3 84.3

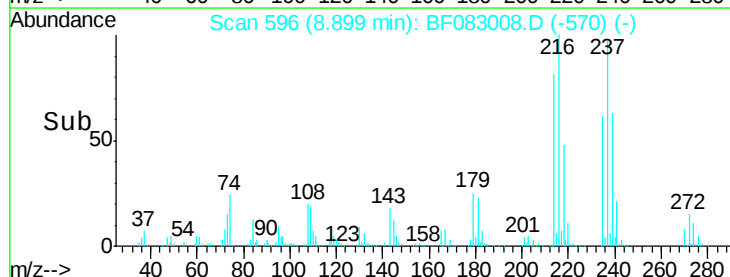
272 15.1 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

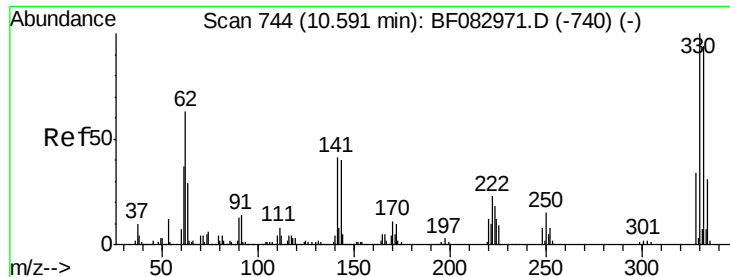
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

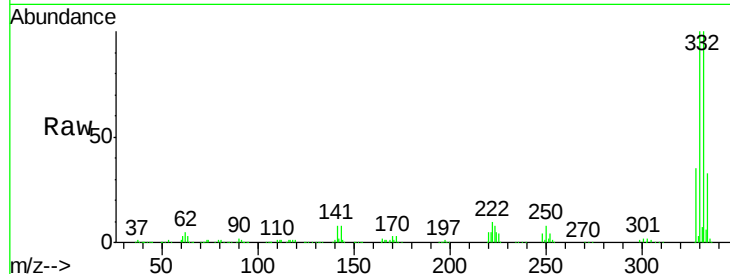




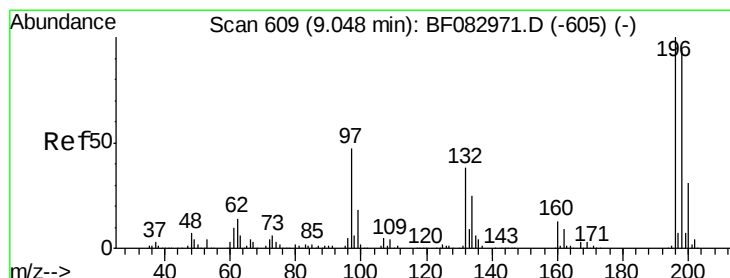
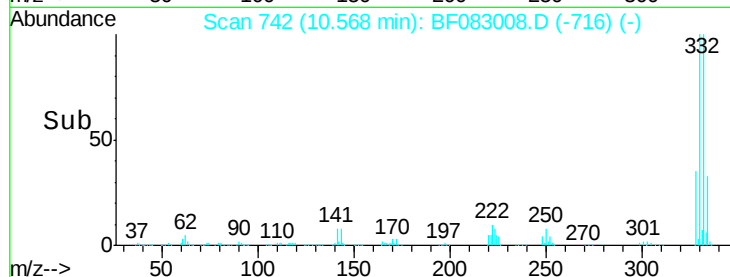
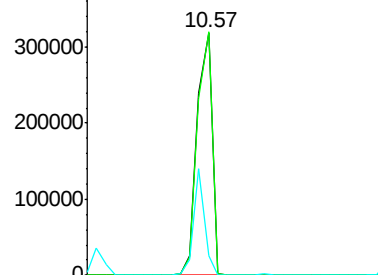
#41
 2,4,6-Tribromophenol
 Concen: 110.28 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF083008.D
 Acq: 18 Nov 2015 14:09

Instrument :
 BNA_F
 ClientSampleId :
 PB86622BS

Tot Ion:330 Resp: 406251
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.6 114.8
 141 32.1 41.2 61.8#

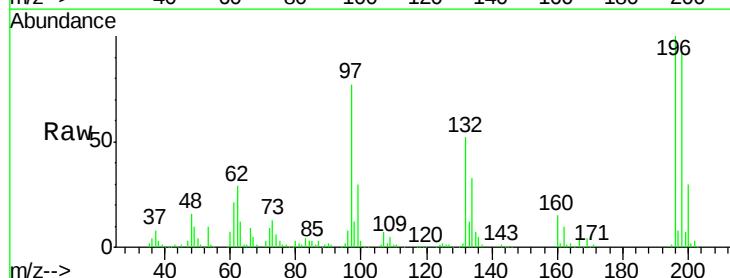


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

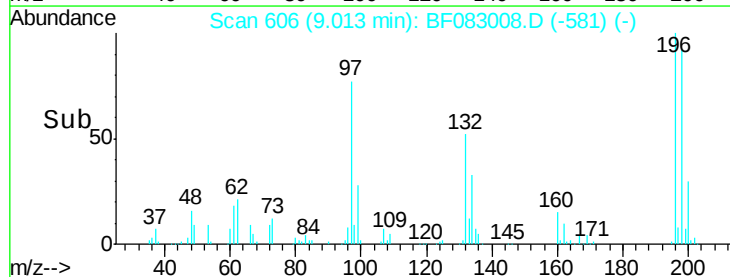
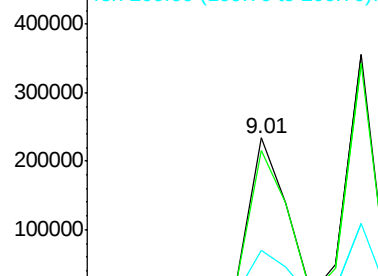


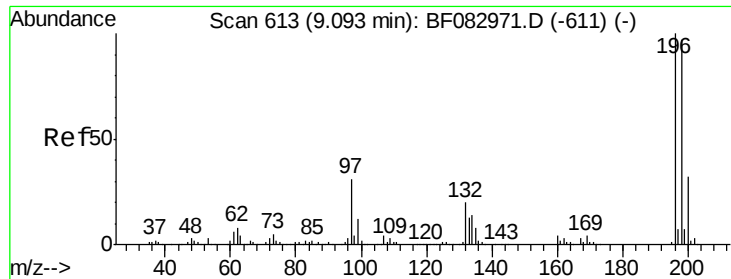
#42
 2,4,6-Trichlorophenol
 Concen: 35.47 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF083008.D
 Acq: 18 Nov 2015 14:09

Tgt Ion:196 Resp: 279557
 Ion Ratio Lower Upper
 196 100
 198 92.4 76.3 114.5
 200 29.6 23.9 35.9



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

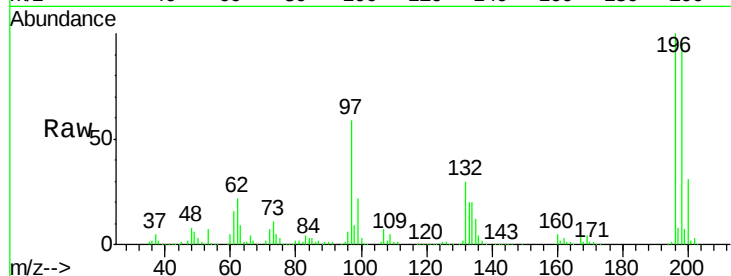




#43
 2,4,5-Trichlorophenol
 Concen: 40.29 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF083008.D
 Acq: 18 Nov 2015 14:09

Instrument :
 BNA_F
 ClientSampleId :
 PB86622BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.8	113.8
97	58.6	62.3	93.5
132	30.4	27.4	41.2



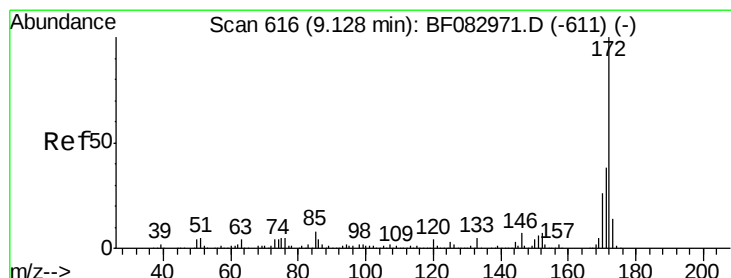
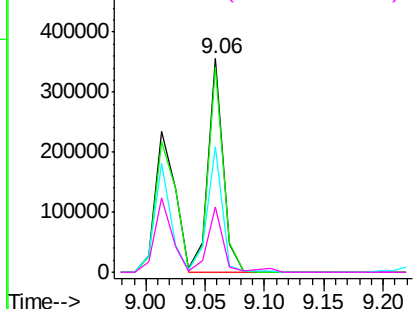
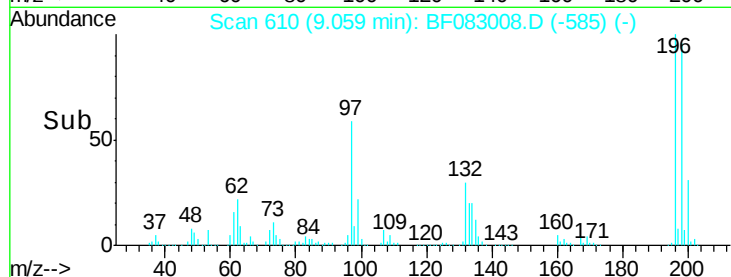
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

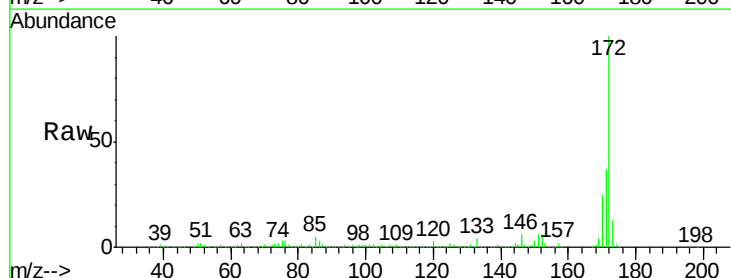
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.47 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF083008.D
 Acq: 18 Nov 2015 14:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.8	46.2
170	25.1	21.2	31.8

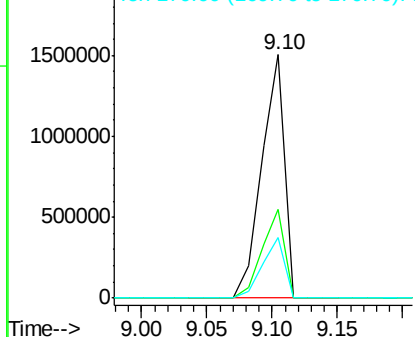
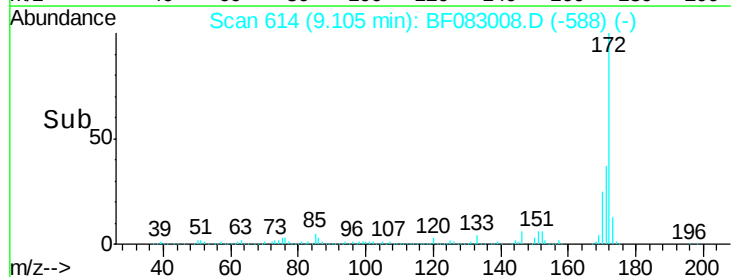


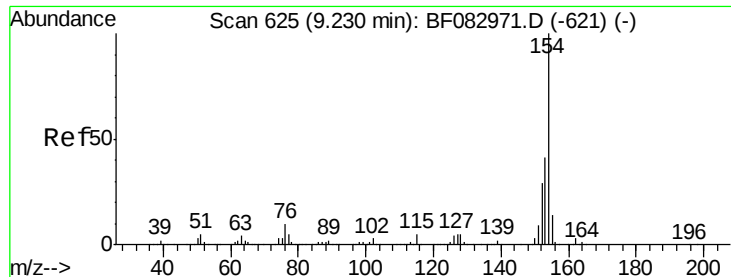
Abundance

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

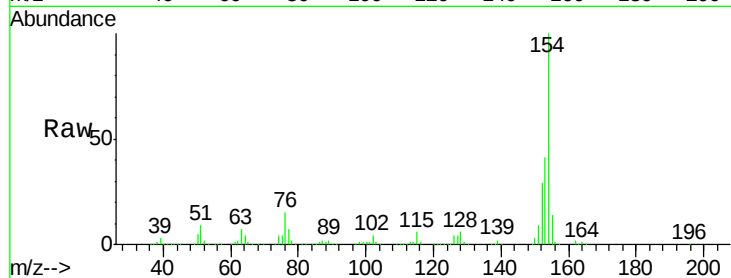




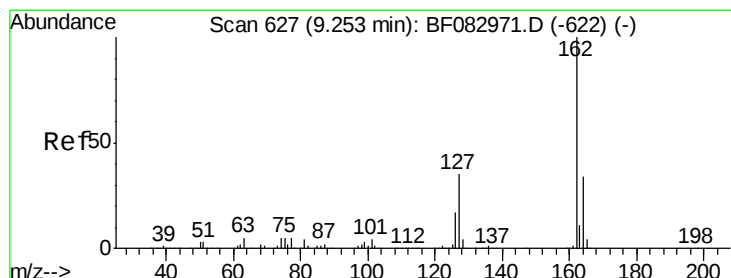
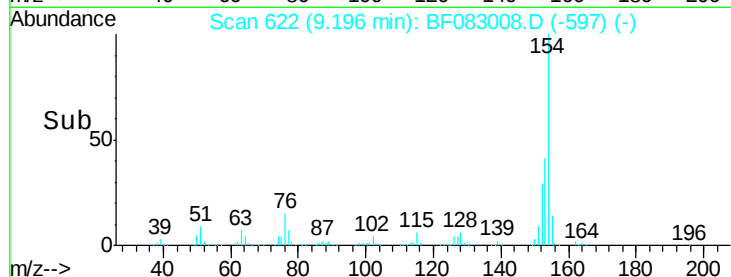
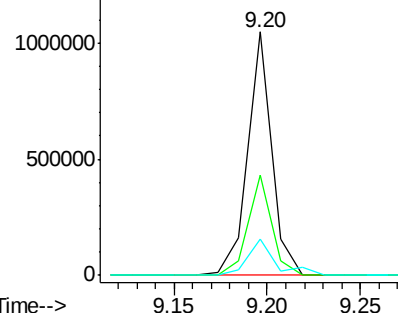
#45
 1,1'-Biphenyl
 Concen: 34.23 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF083008.D
 Acq: 18 Nov 2015 14:09

Instrument :
 BNA_F
 ClientSampleId :
 PB86622BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.0	62.0
76	15.0	0.0	29.0

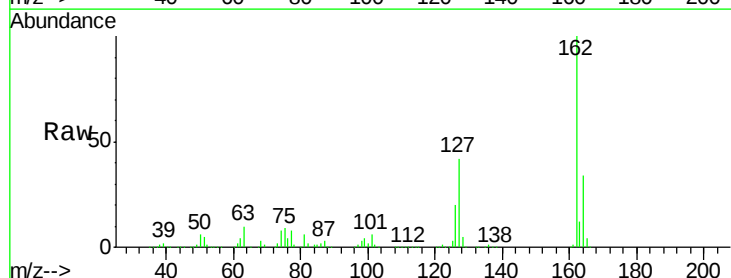


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

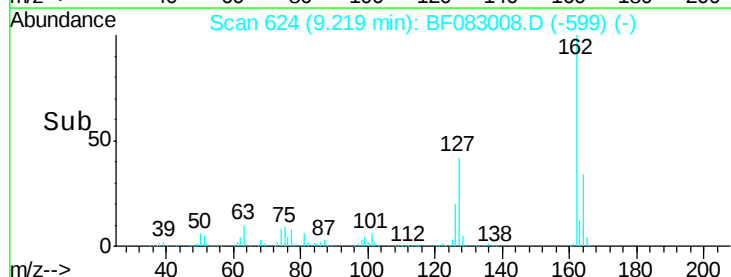
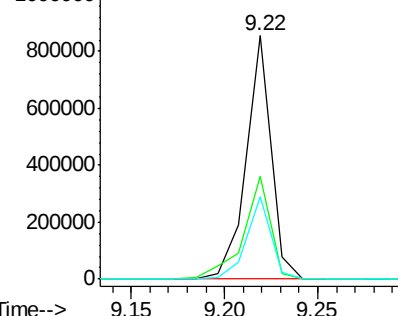


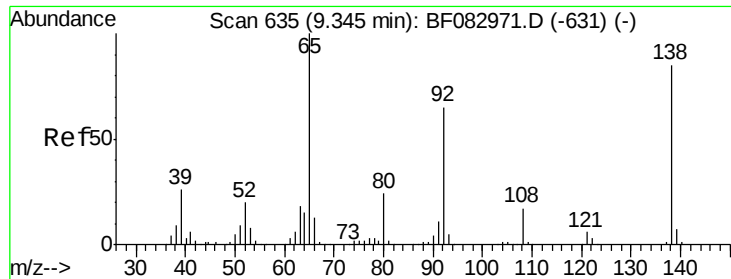
#46
 2-Chloronaphthalene
 Concen: 36.42 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF083008.D
 Acq: 18 Nov 2015 14:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.4	32.7	49.1
164	33.9	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

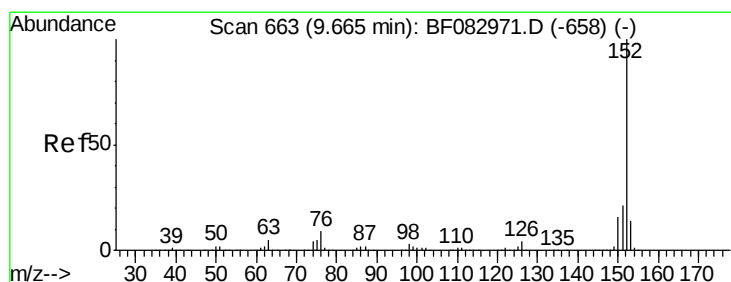
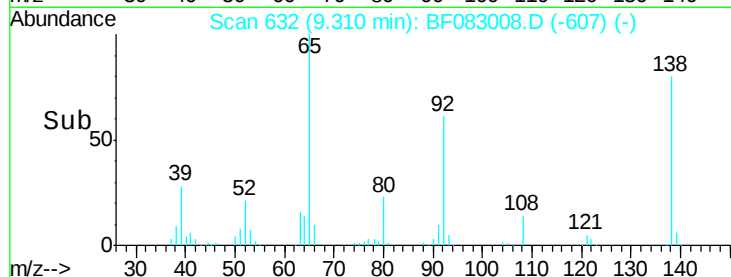
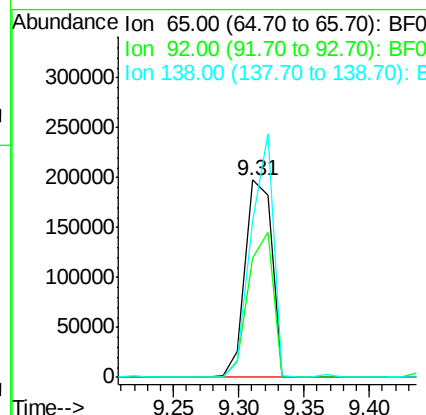
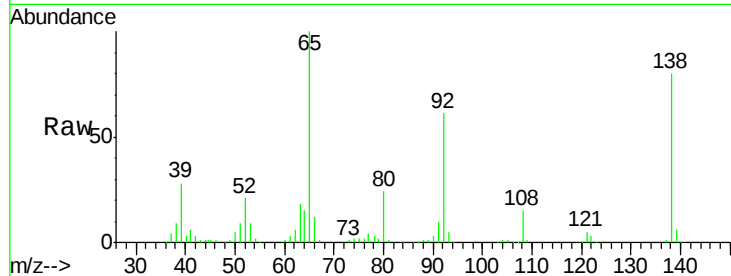




#47
2-Nitroaniline
Concen: 35.19 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

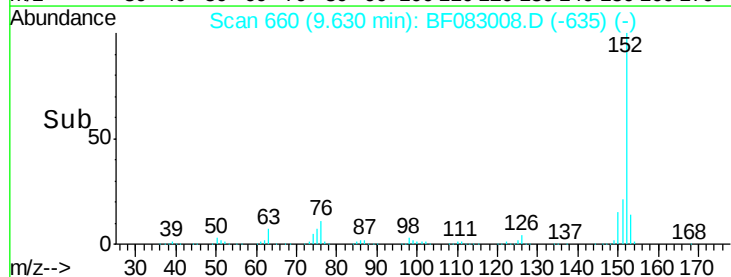
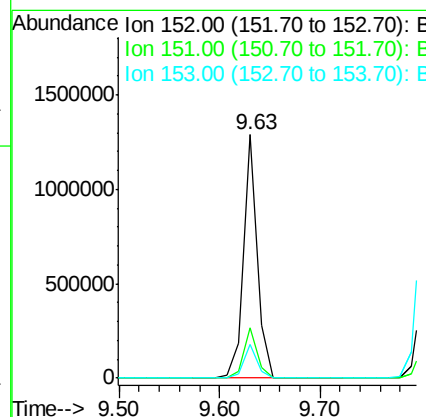
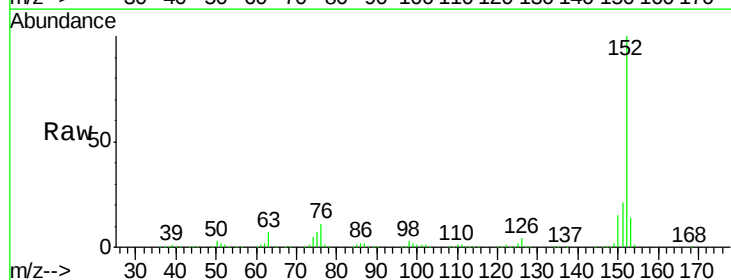
Instrument :
BNA_F
ClientSampleId :
PB86622BS

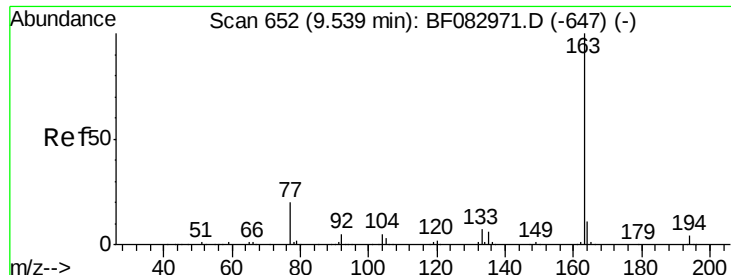
Tot Ion: 65 Resp: 280750
Ion Ratio Lower Upper
65 100
92 60.7 46.6 70.0
138 79.5 54.6 81.8



#48
Acenaphthylene
Concen: 36.20 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

Tgt Ion: 152 Resp: 1220124
Ion Ratio Lower Upper
152 100
151 20.6 17.3 25.9
153 13.9 11.3 16.9

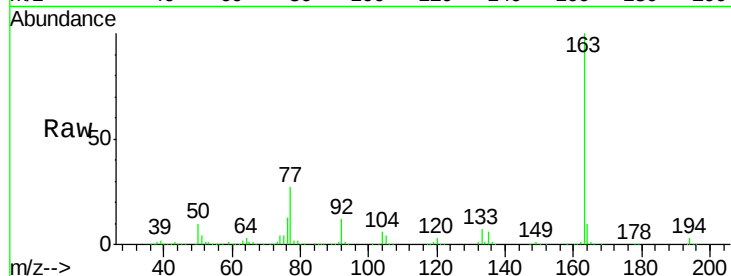




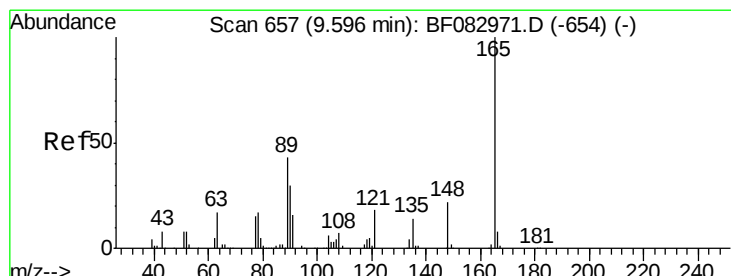
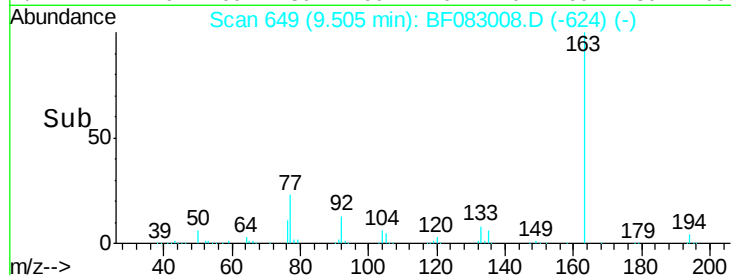
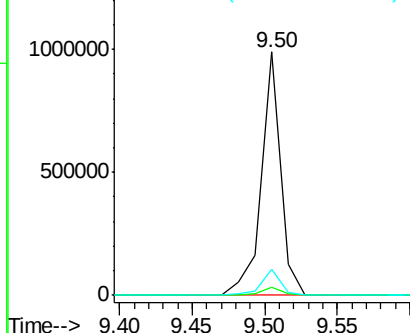
#49
Dimethylphthalate
Concen: 34.79 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

Instrument :
BNA_F
ClientSampleId :
PB86622BS

Tot Ion:163 Resp: 915788
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.5 8.7 13.1

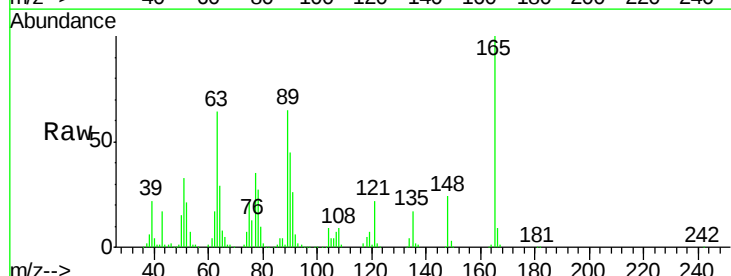


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

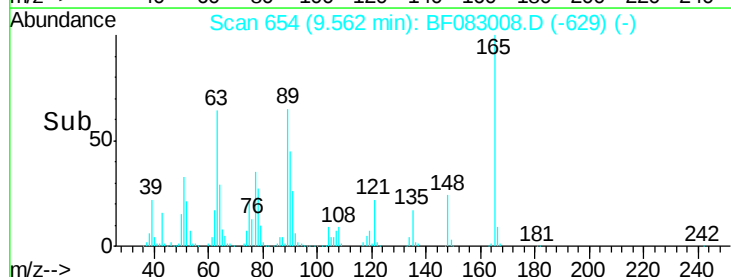
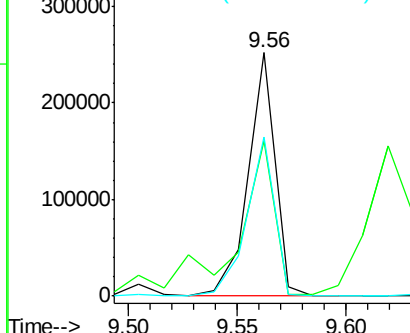


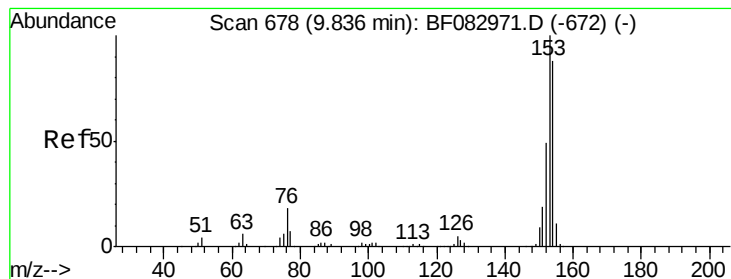
#50
2,6-Dinitrotoluene
Concen: 38.52 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

Tgt Ion:165 Resp: 216341
Ion Ratio Lower Upper
165 100
63 64.0 55.5 83.3
89 65.2 55.0 82.6



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: 41.96 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA_F

ClientSampleId :

PB86622BS

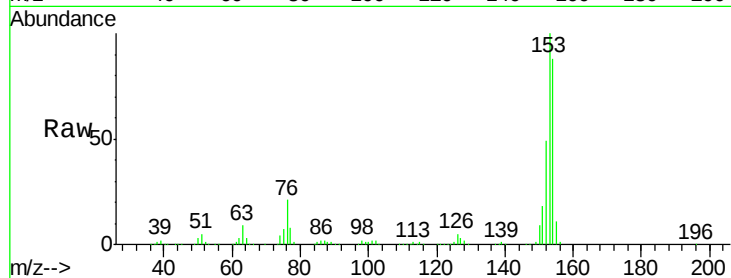
Tot Ion:154 Resp: 896263

Ion Ratio Lower Upper

154 100

153 113.8 90.1 135.1

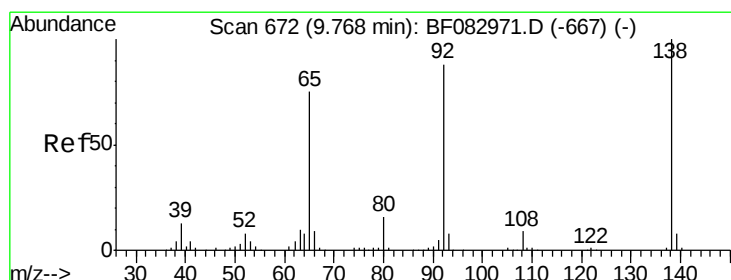
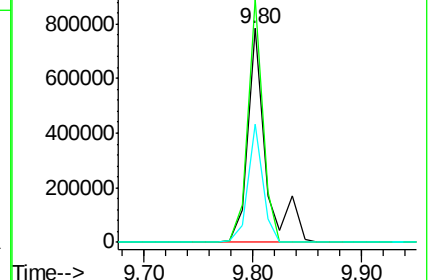
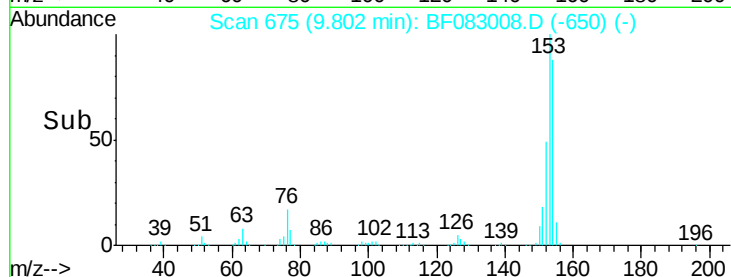
152 55.6 44.3 66.5



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: 6.94 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

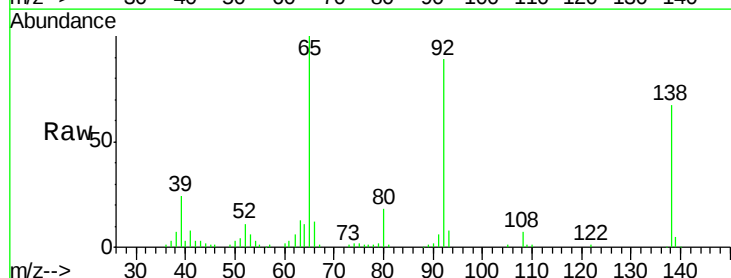
Tgt Ion:138 Resp: 42879

Ion Ratio Lower Upper

138 100

108 11.1 11.3 16.9#

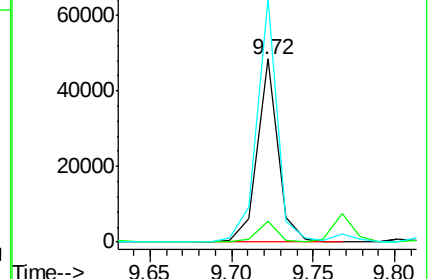
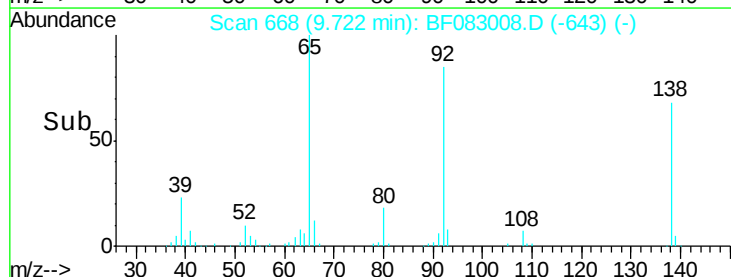
92 132.8 122.4 183.6

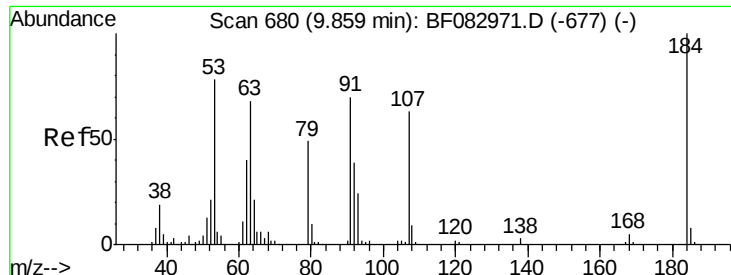


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

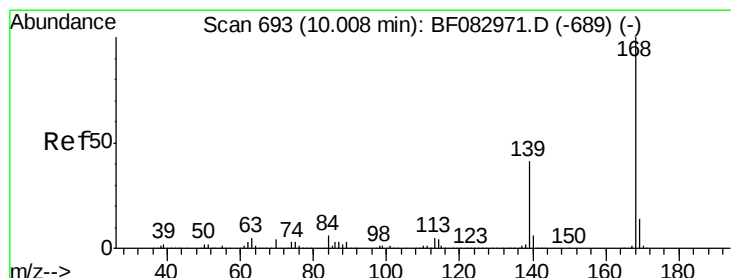
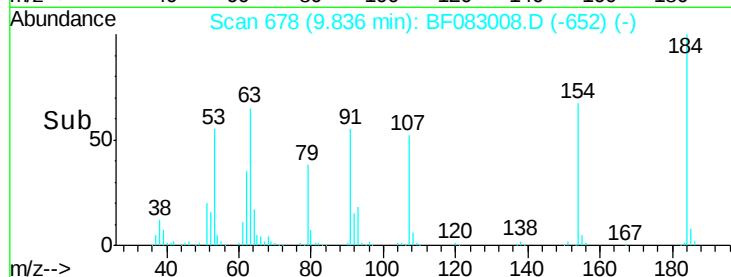
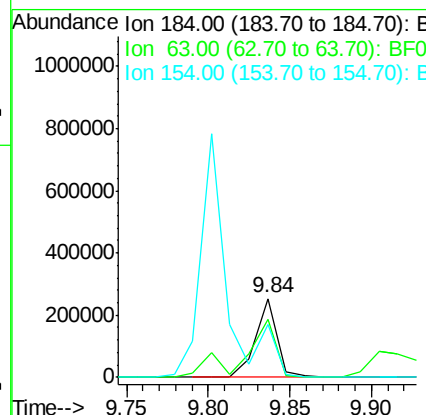
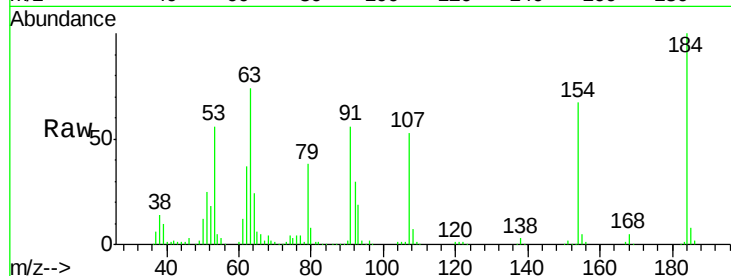




#53
 2,4-Dinitrophenol
 Concen: 76.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF083008.D
 Acq: 18 Nov 2015 14:09

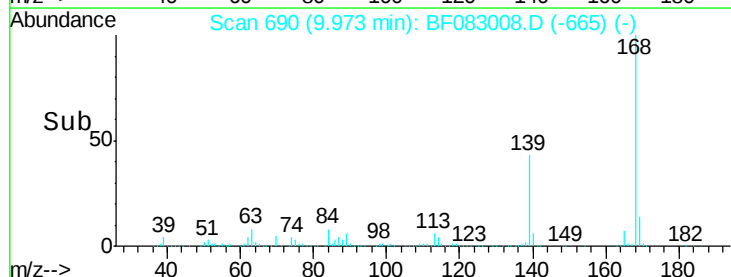
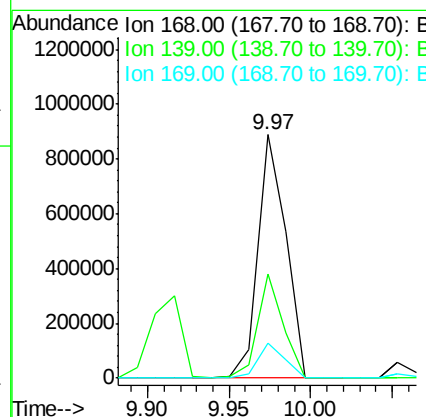
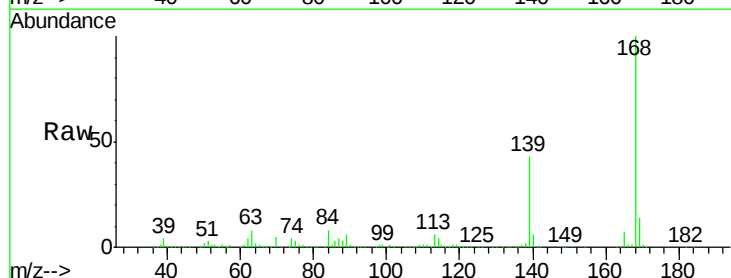
Instrument :
 BNA_F
 ClientSampled :
 PB86622BS

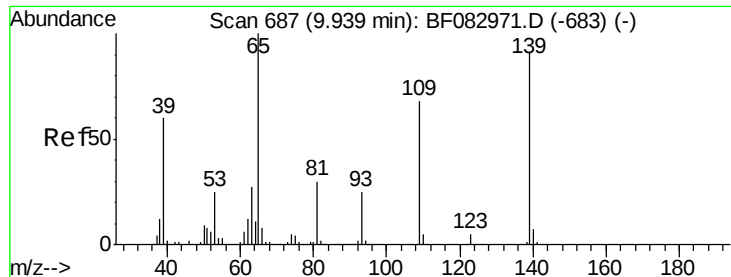
Tot Ion:184 Resp: 234352
 Ion Ratio Lower Upper
 184 100
 63 74.1 98.6 148.0#
 154 67.1 183.9 275.9#



#54
 Dibenzofuran
 Concen: 36.49 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF083008.D
 Acq: 18 Nov 2015 14:09

Tgt Ion:168 Resp: 1050987
 Ion Ratio Lower Upper
 168 100
 139 42.9 37.8 56.6
 169 14.4 11.3 16.9

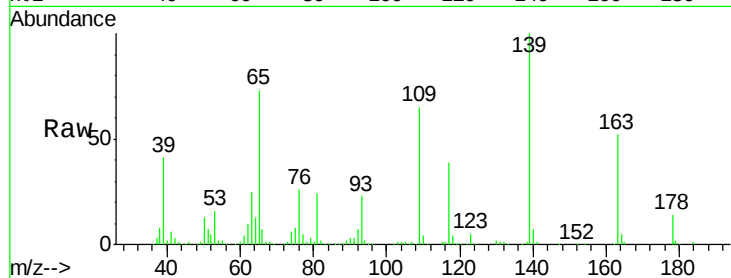




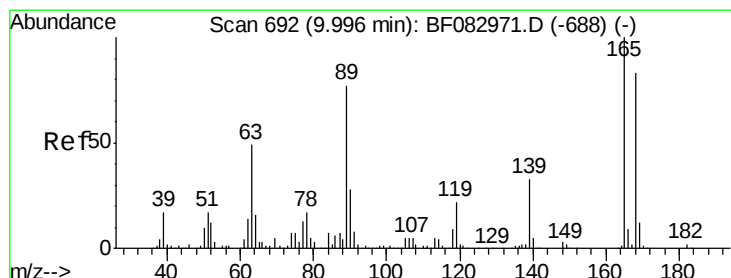
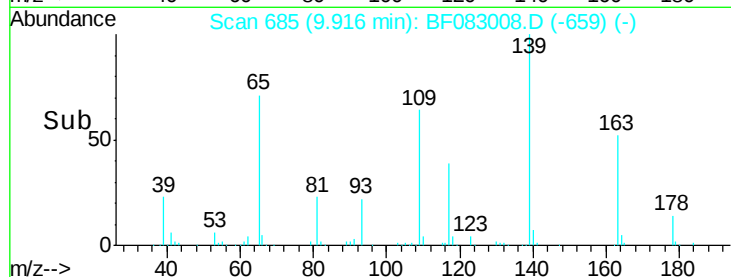
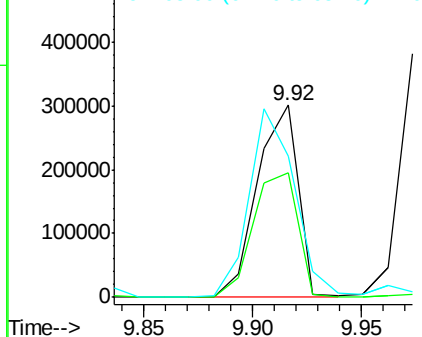
#55
4-Nitrophenol
Concen: 83.97 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

Instrument :
BNA_F
ClientSampleId :
PB86622BS

Tot Ion:139 Resp: 397902
Ion Ratio Lower Upper
139 100
109 64.7 73.7 113.7#
65 73.4 82.9 122.9#



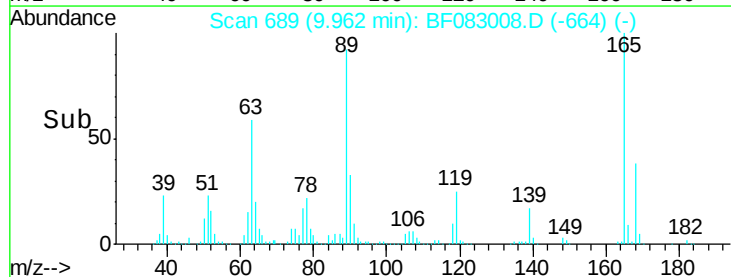
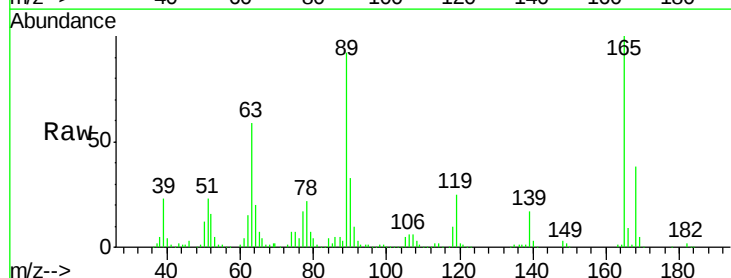
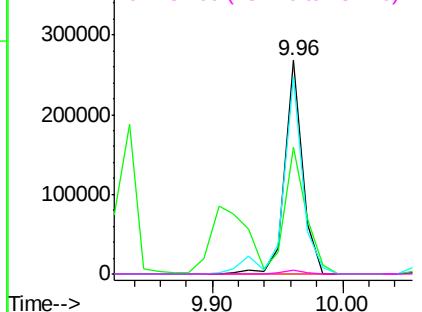
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

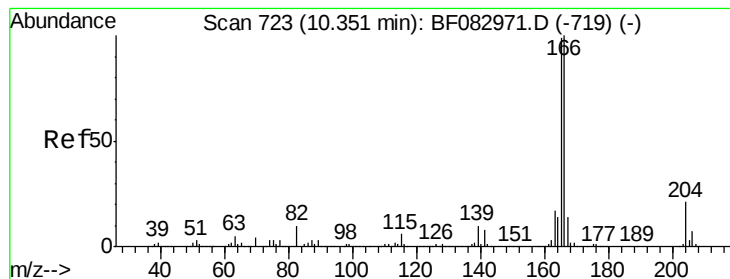


#56
2,4-Dinitrotoluene
Concen: 33.67 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

Tgt Ion:165 Resp: 256571
Ion Ratio Lower Upper
165 100
63 59.5 43.4 65.0
89 92.2 70.6 106.0
182 2.0 1.5 2.3

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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 34.49 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA_F

ClientSampleId :

PB86622BS

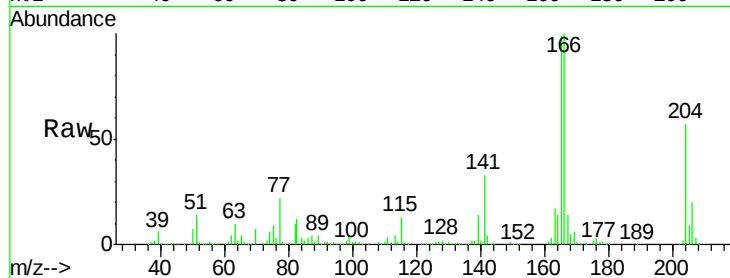
Tot Ion:166 Resp: 804299

Ion Ratio Lower Upper

166 100

165 98.6 80.2 120.4

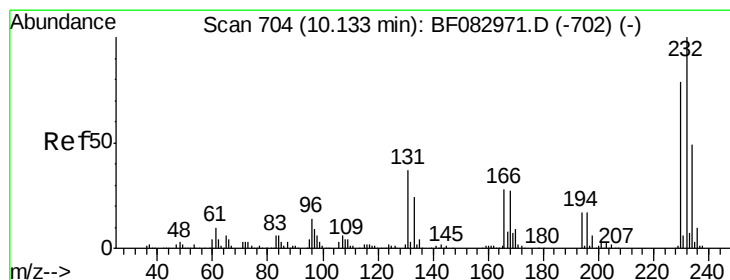
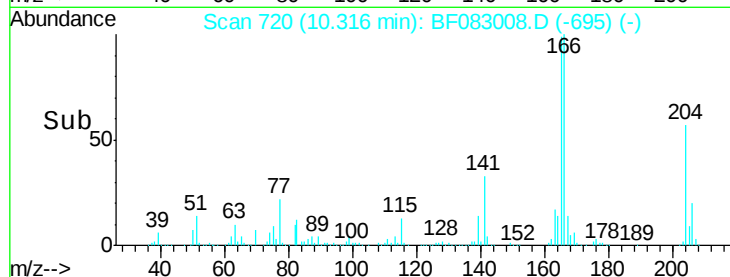
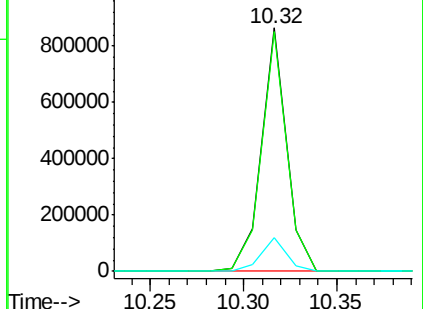
167 14.0 11.2 16.8



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: 37.14 ng

RT: 10.10 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Tgt Ion:232 Resp: 236281

Ion Ratio Lower Upper

232 100

131 49.2 46.2 69.2

130 2.3 2.4 3.6#

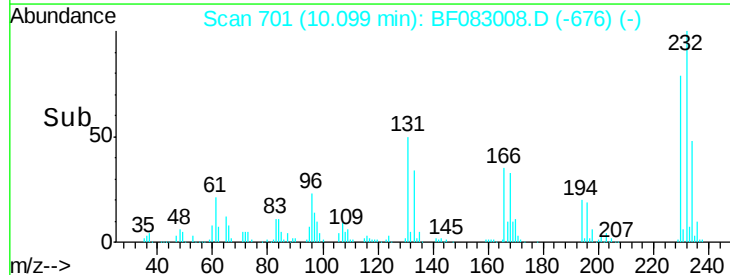
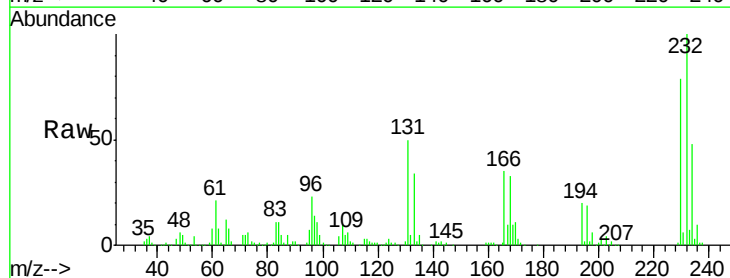
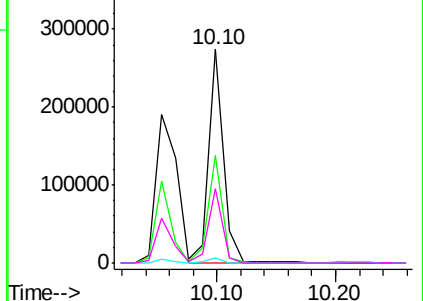
166 33.6 28.2 42.2

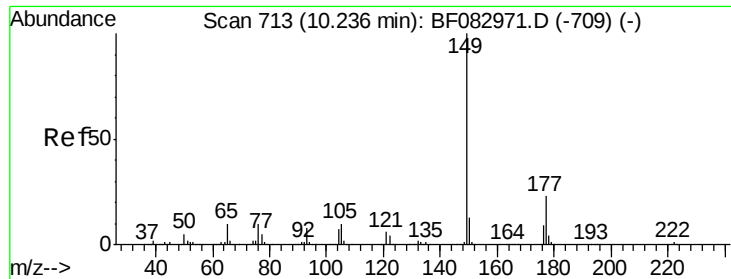
Abundance Ion 232.00 (231.70 to 232.70): E

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

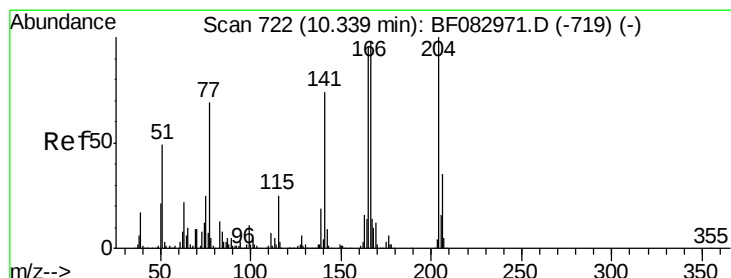
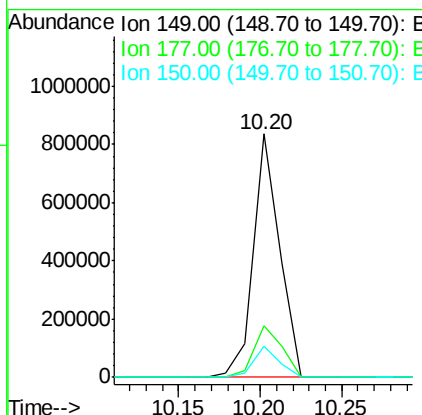
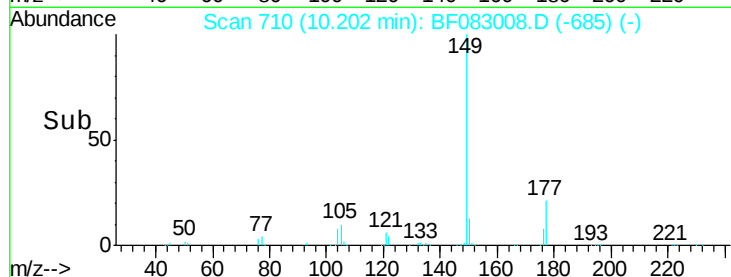
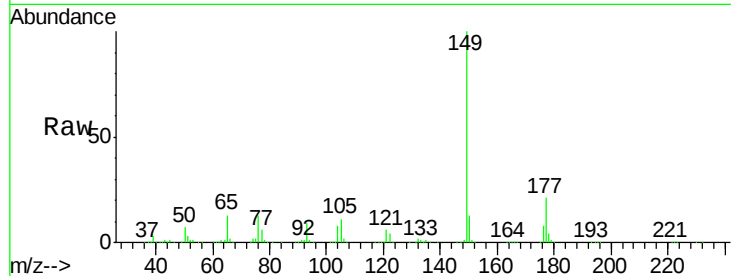




#59
Diethylphthalate
Concen: 36.34 ng
RT: 10.20 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

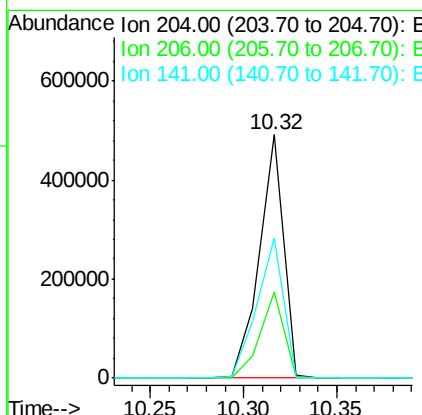
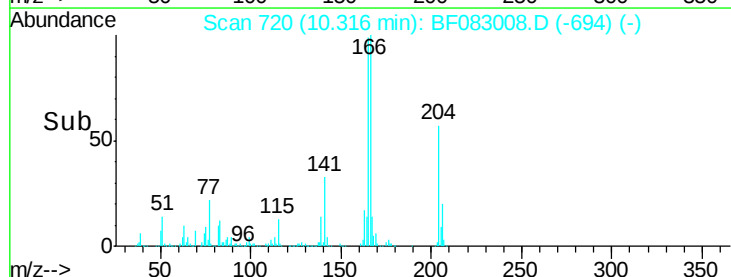
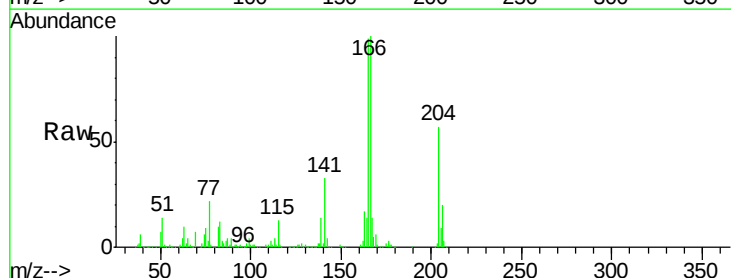
Instrument :
BNA_F
ClientSampleId :
PB86622BS

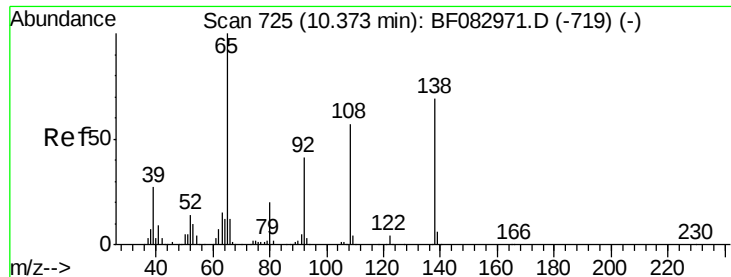
Tot Ion:149 Resp: 933983
Ion Ratio Lower Upper
149 100
177 21.1 17.9 26.9
150 12.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.84 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

Tgt Ion:204 Resp: 441521
Ion Ratio Lower Upper
204 100
206 35.5 28.5 42.7
141 57.7 44.6 66.8

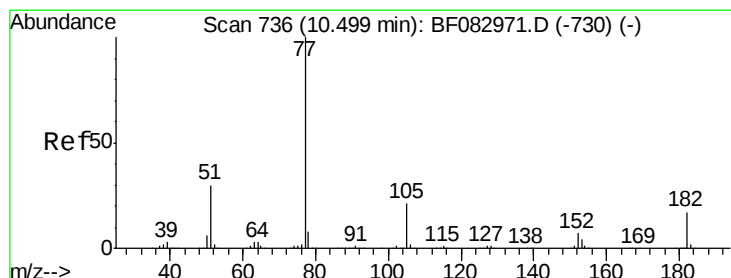
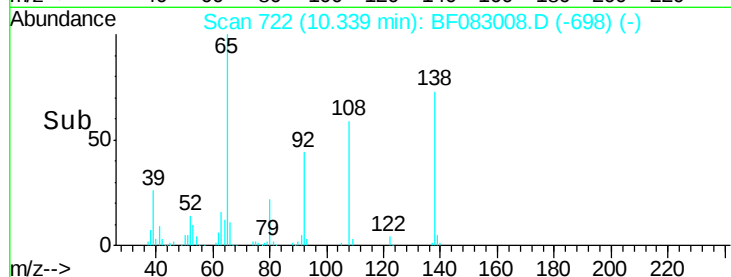
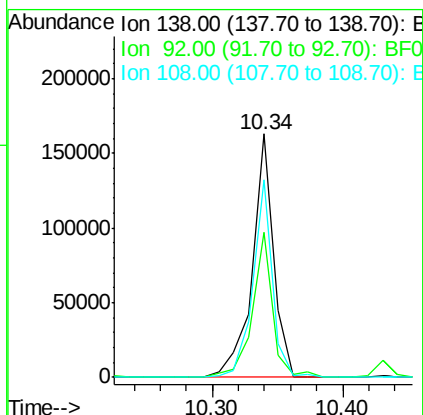
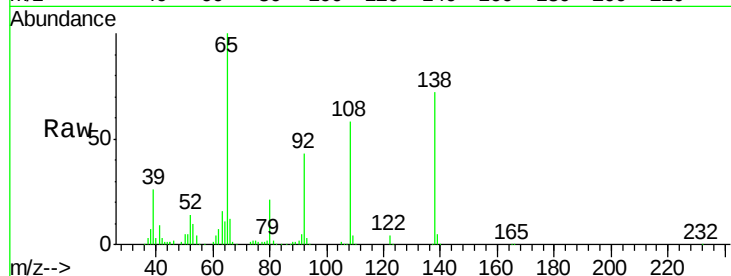




#61
4-Nitroaniline
Concen: 29.99 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

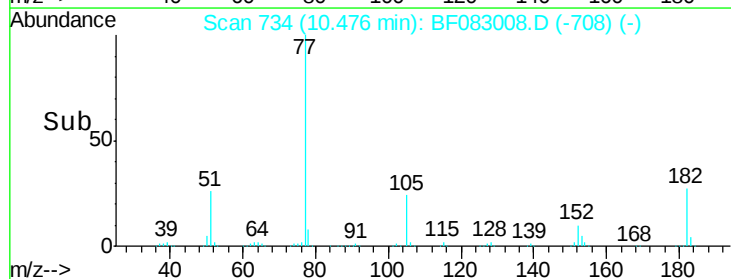
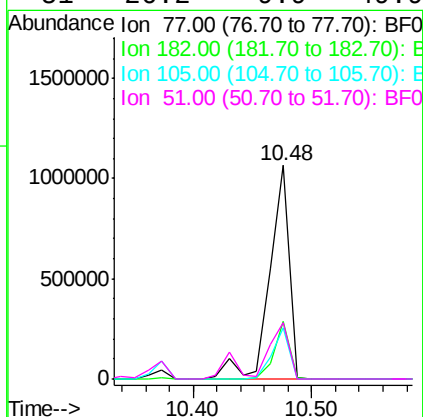
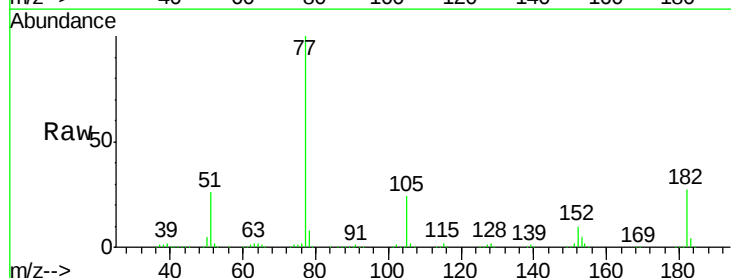
Instrument :
BNA_F
ClientSampleId :
PB86622BS

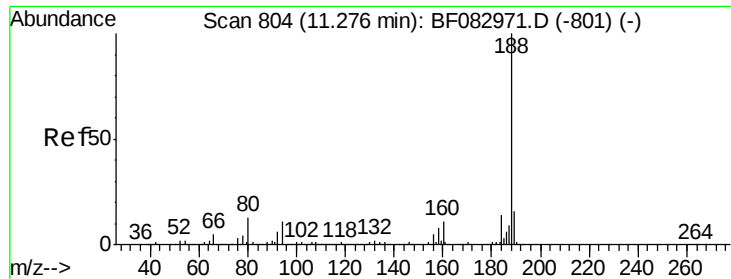
Tot Ion:138 Resp: 186272
Ion Ratio Lower Upper
138 100
92 59.4 45.8 85.8
108 81.3 89.4 129.4#



#62
Azobenzene
Concen: 44.77 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

Tgt Ion: 77 Resp: 1236082
Ion Ratio Lower Upper
77 100
182 27.0 9.3 49.3
105 24.1 2.6 42.6
51 26.2 9.9 49.9

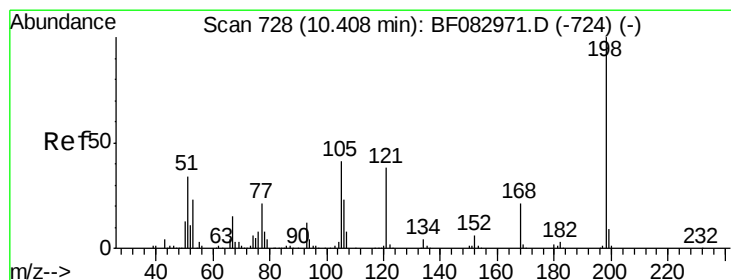
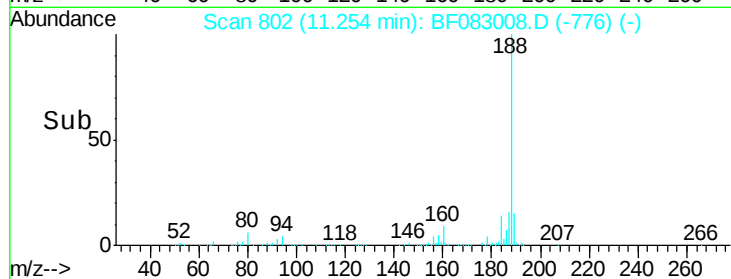
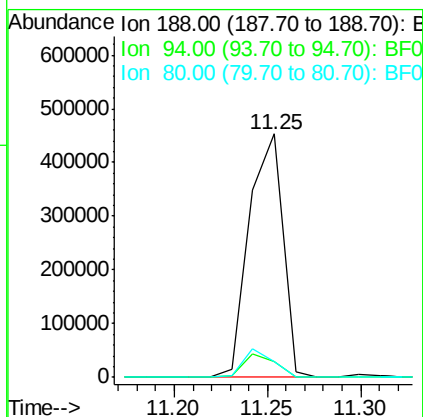
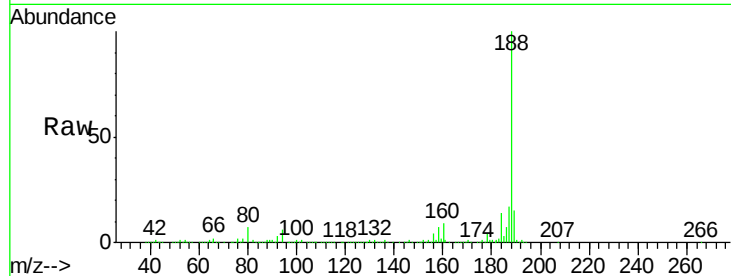




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

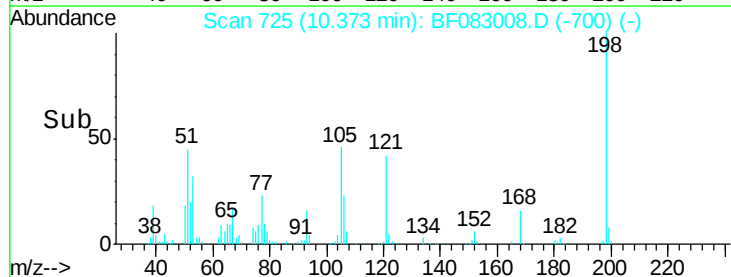
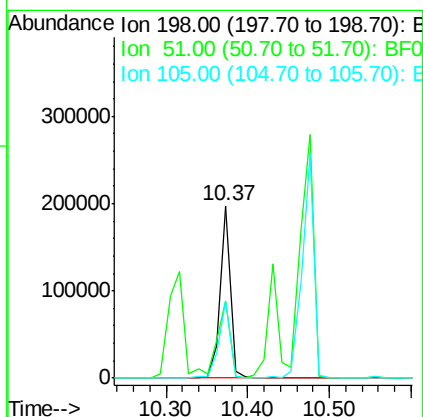
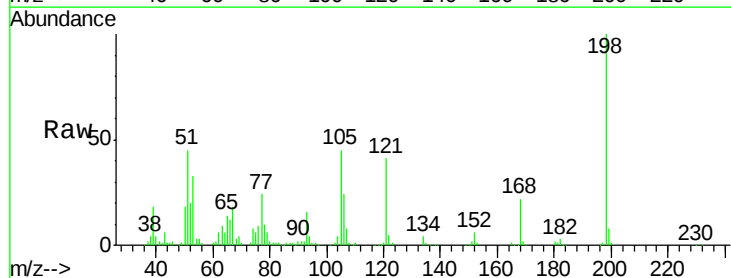
Instrument :
BNA_F
ClientSampleId :
PB86622BS

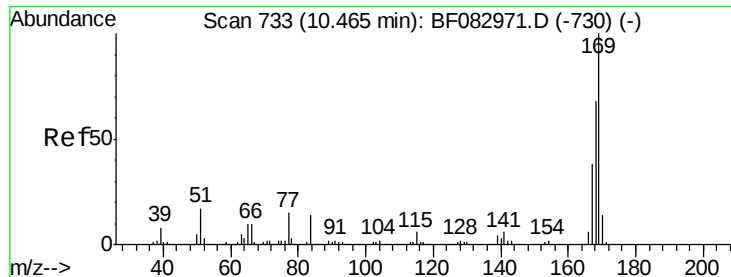
Tot Ion:188 Resp: 566622
Ion Ratio Lower Upper
188 100
94 6.4 6.1 9.1
80 6.6 7.0 10.6#



#64
4,6-Dinitro-2-methylphenol
Concen: 42.54 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

Tgt Ion:198 Resp: 171718
Ion Ratio Lower Upper
198 100
51 44.6 17.3 57.3
105 45.1 21.7 61.7





#65

n-Nitrosodiphenylamine

Concen: 36.49 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA_F

ClientSampleId :

PB86622BS

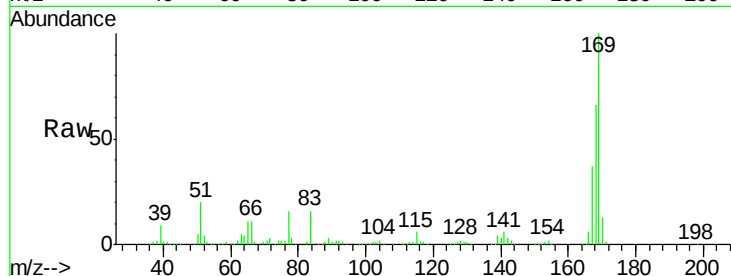
Tot Ion:169 Resp: 746927

Ion Ratio Lower Upper

169 100

168 66.4 55.0 82.6

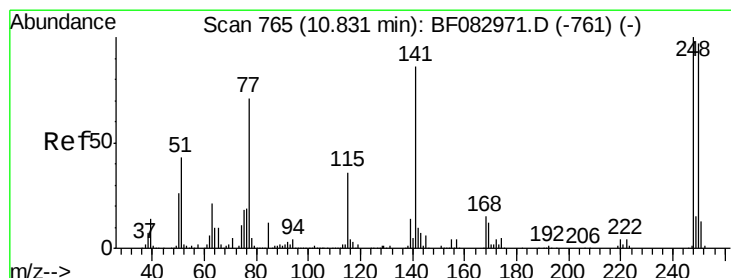
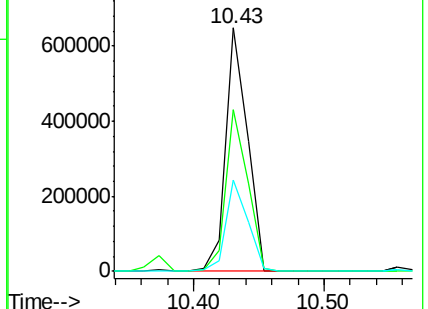
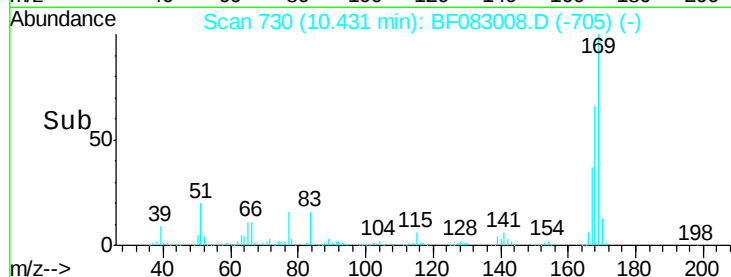
167 37.3 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.01 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

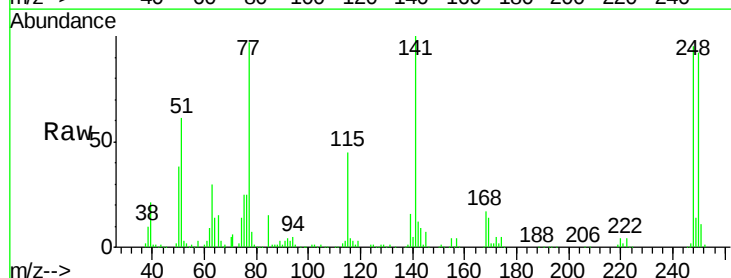
Tgt Ion:248 Resp: 252507

Ion Ratio Lower Upper

248 100

250 96.5 79.4 119.2

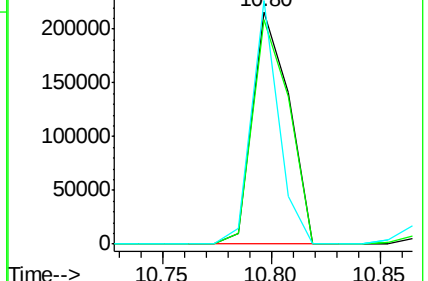
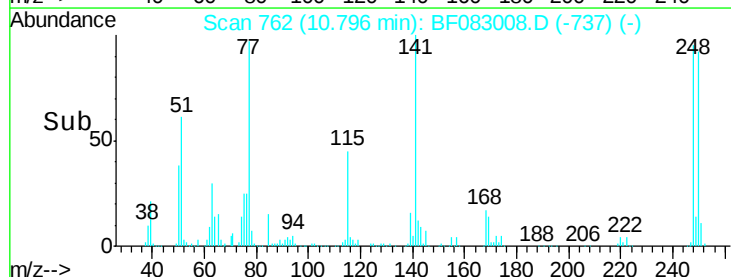
141 104.7 36.3 54.5#

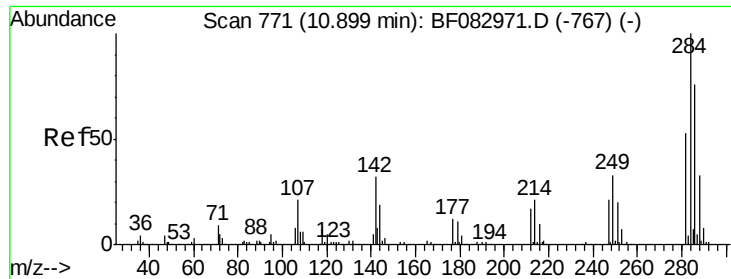


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

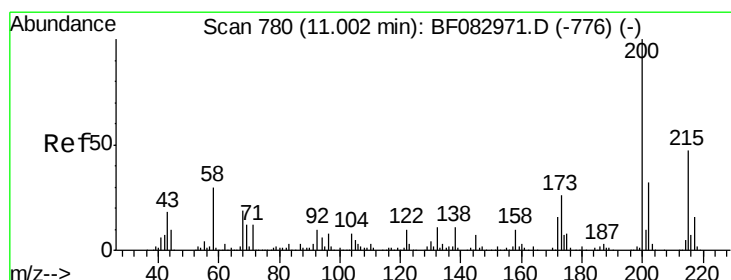
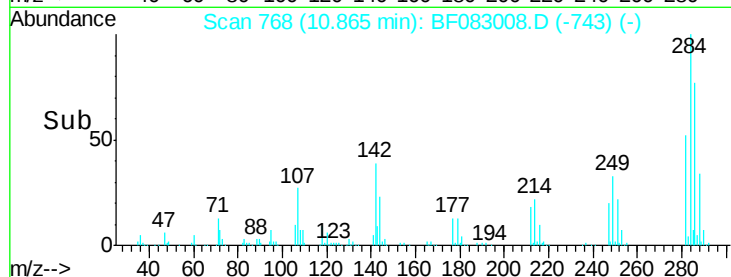
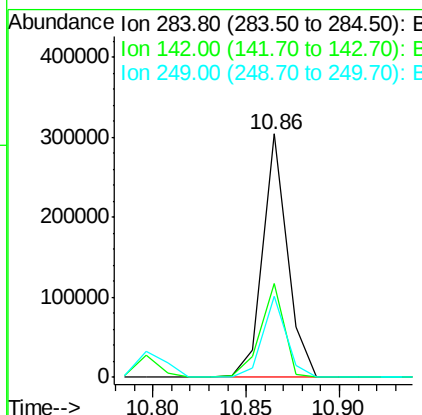
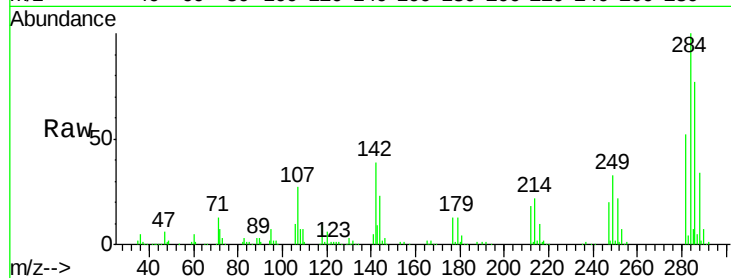




#67
Hexachlorobenzene
Concen: 36.28 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

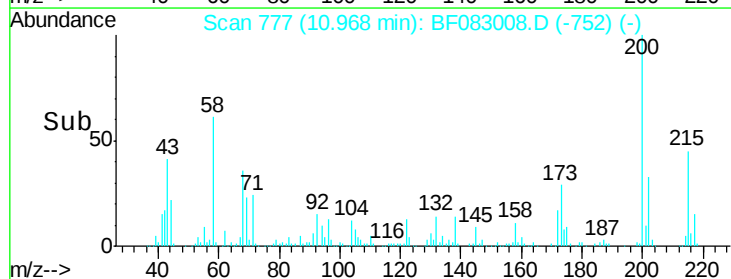
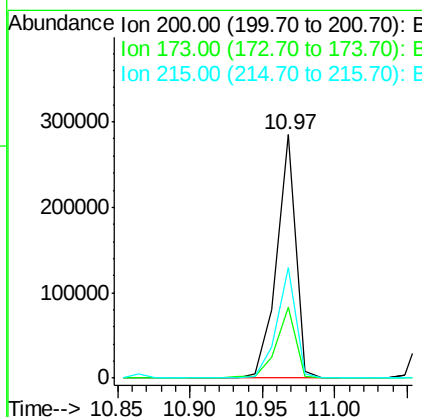
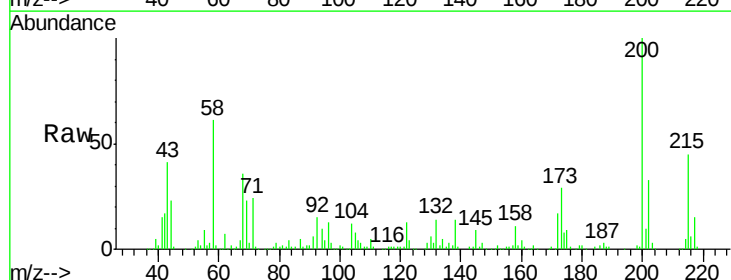
Instrument :
BNA_F
ClientSampleId :
PB86622BS

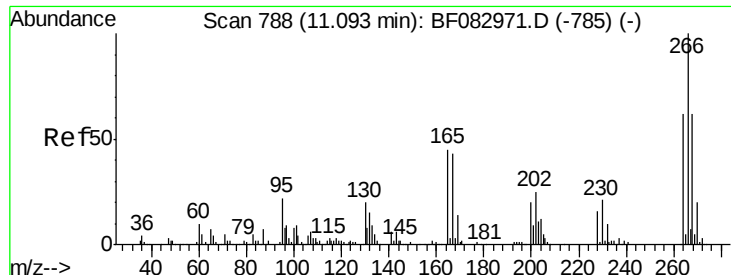
Tot Ion	Ratio	Lower	Upper
284	100		
142	38.7	47.9	71.9#
249	33.3	29.7	44.5



#68
Atrazine
Concen: 41.04 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.8	6.9	46.9
215	45.4	22.9	62.9

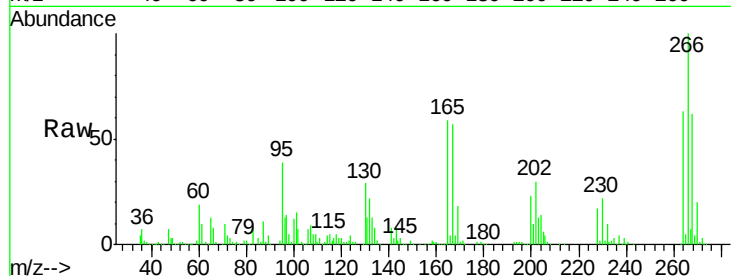




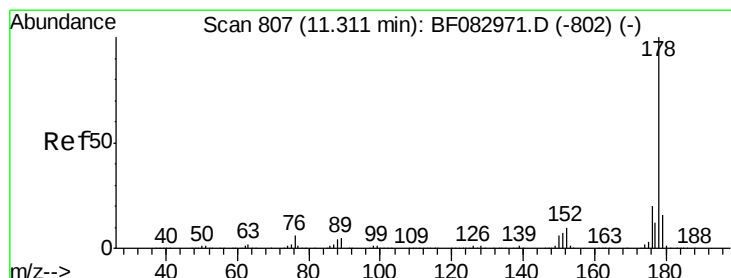
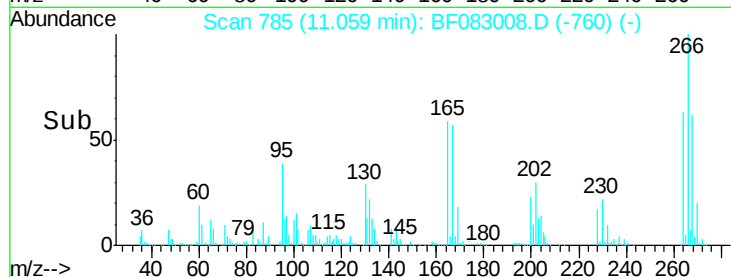
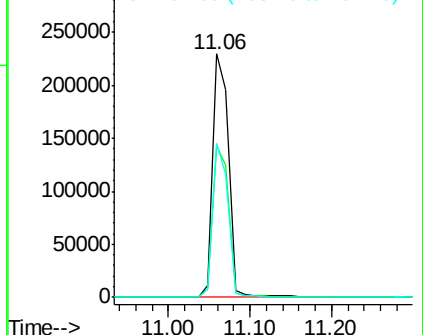
#69
 Pentachlorophenol
 Concen: 67.75 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF083008.D
 Acq: 18 Nov 2015 14:09

Instrument :
 BNA_F
 ClientSampleId :
 PB86622BS

Tot Ion:266 Resp: 313412
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.0 76.6
 264 63.4 50.6 75.8

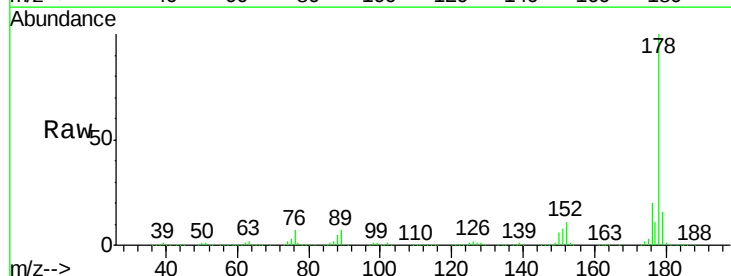


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

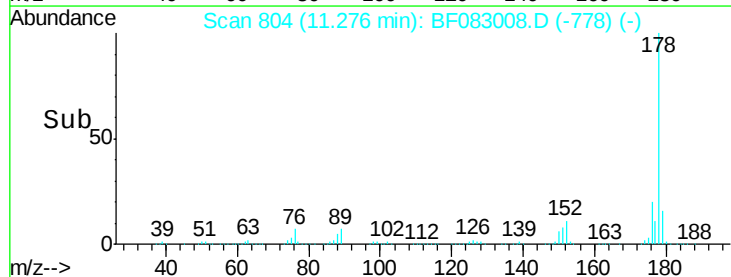
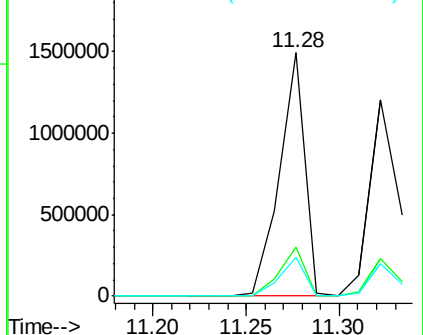


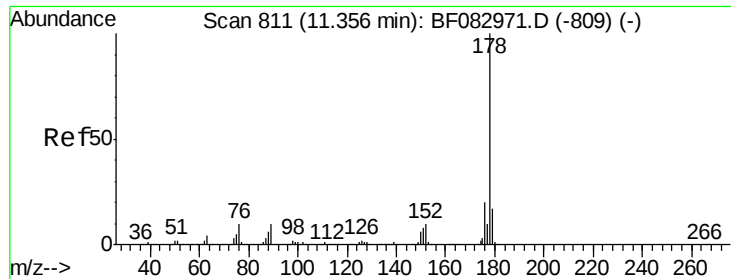
#70
 Phenanthrene
 Concen: 43.07 ng
 RT: 11.28 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF083008.D
 Acq: 18 Nov 2015 14:09

Tgt Ion:178 Resp: 1417124
 Ion Ratio Lower Upper
 178 100
 176 20.1 17.0 25.4
 179 16.0 13.4 20.0



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

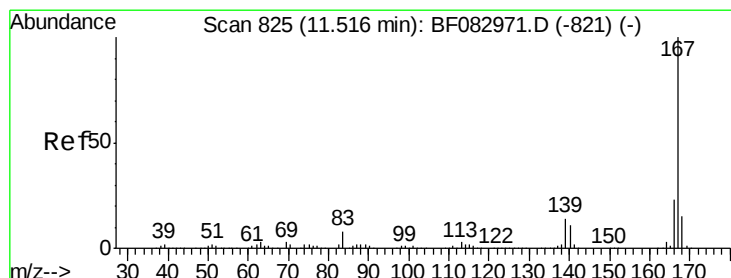
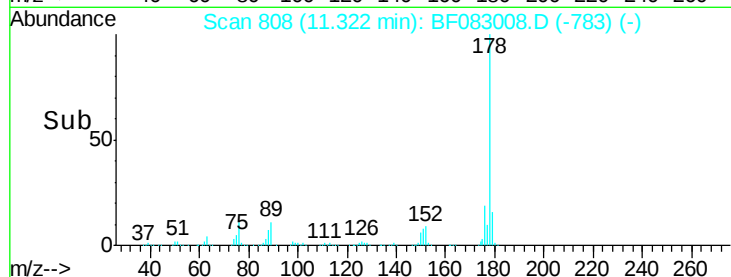
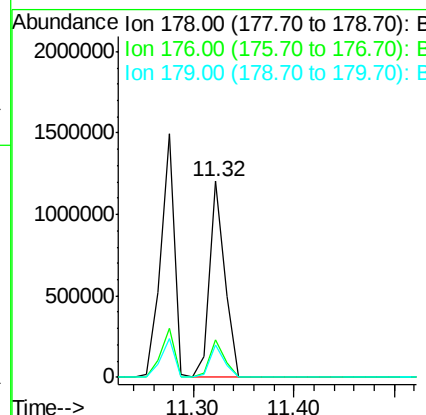
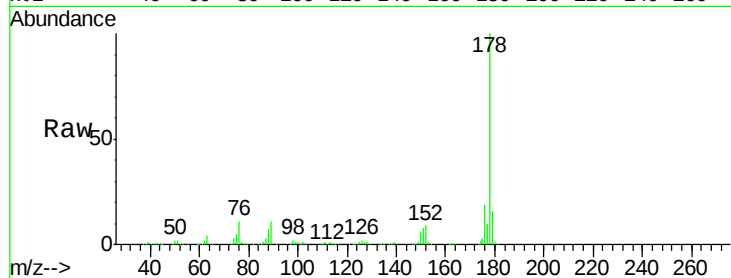




#71
 Anthracene
 Concen: 36.39 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF083008.D
 Acq: 18 Nov 2015 14:09

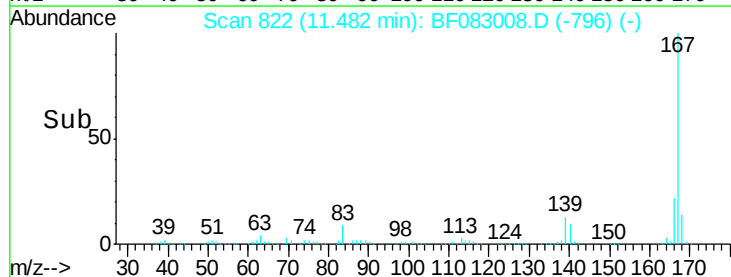
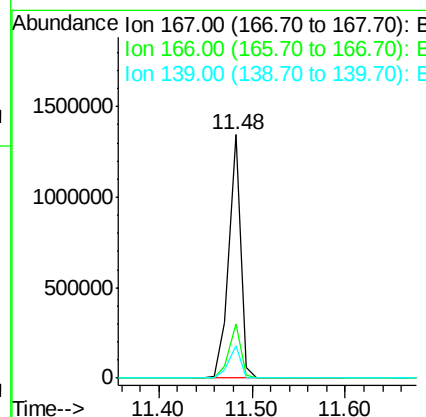
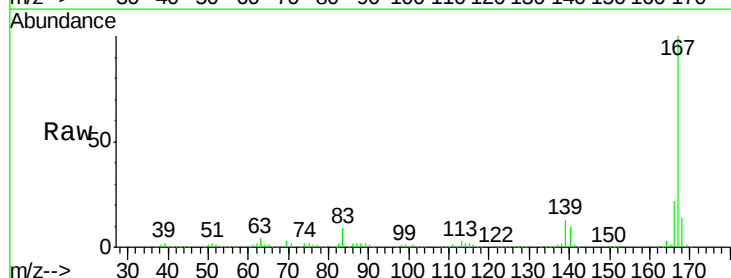
Instrument :
 BNA_F
 ClientSampleId :
 PB86622BS

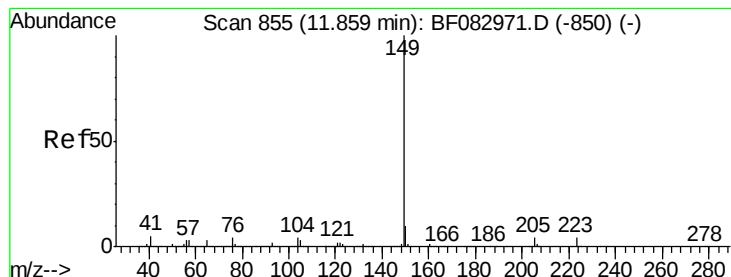
Tot Ion:178 Resp: 1261431
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.5 24.7
 179 16.3 13.2 19.8



#72
 Carbazole
 Concen: 39.06 ng
 RT: 11.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF083008.D
 Acq: 18 Nov 2015 14:09

Tgt Ion:167 Resp: 1185141
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.7 28.1
 139 13.3 11.8 17.6





#73

Di-n-butylphthalate

Concen: 42.56 ng

RT: 11.82 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA_F

ClientSampleId :

PB86622BS

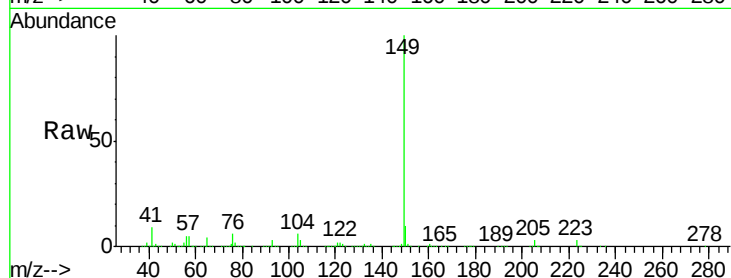
Tot Ion:149 Resp: 1608806

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

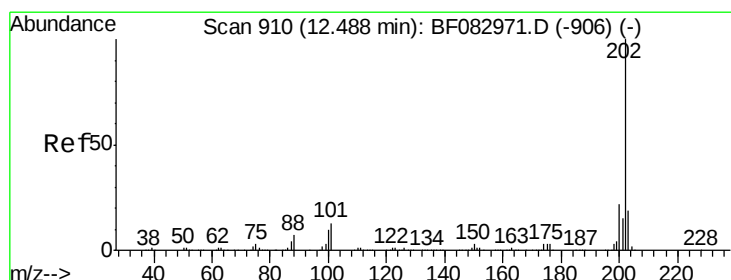
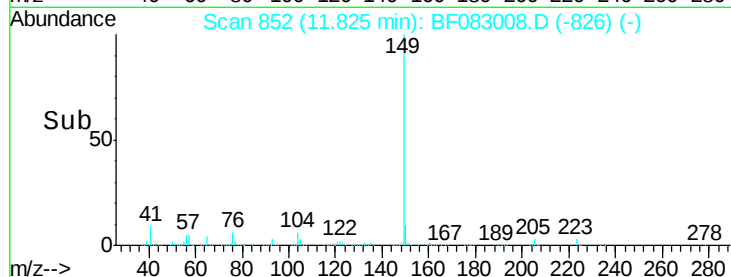
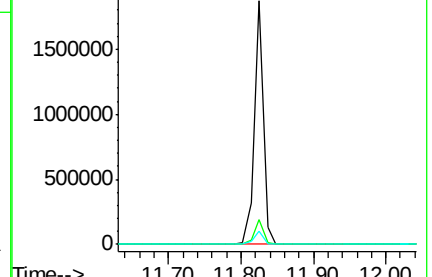
104 5.5 5.2 7.8



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: 36.03 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

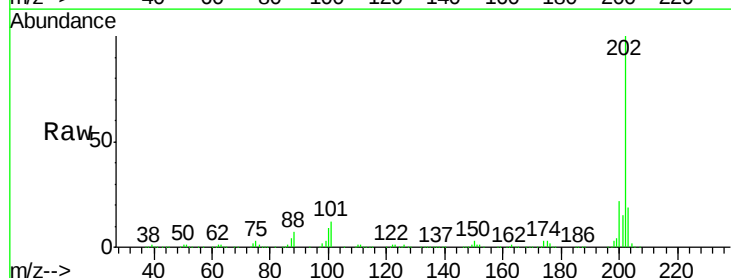
Tgt Ion:202 Resp: 1272334

Ion Ratio Lower Upper

202 100

101 12.3 0.0 30.5

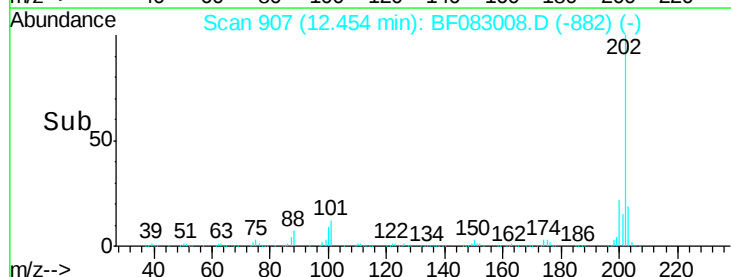
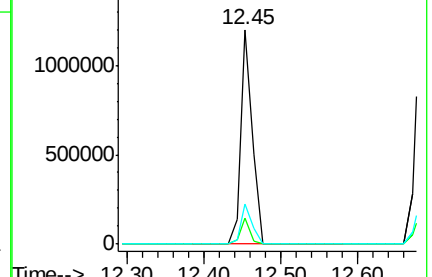
203 18.5 0.0 38.5

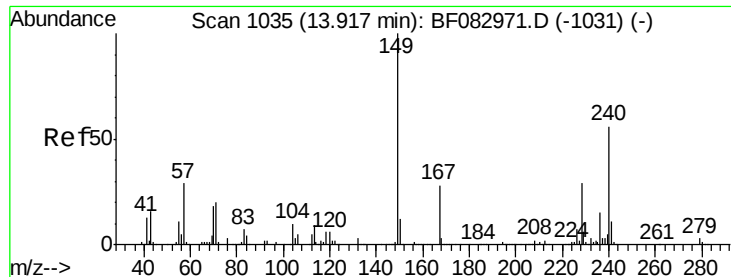


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA_F

ClientSampleId :

PB86622BS

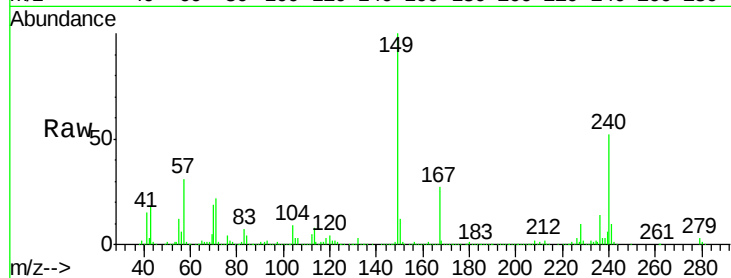
Tot Ion:240 Resp: 443487

Ion Ratio Lower Upper

240 100

120 6.9 10.9 16.3#

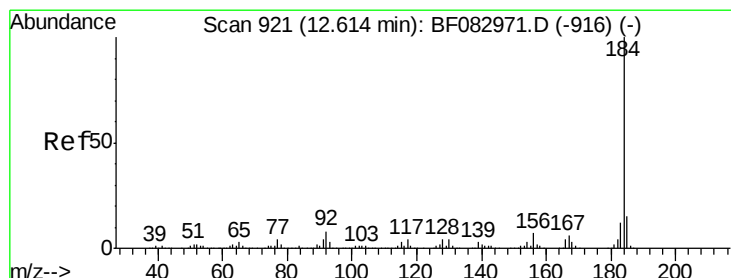
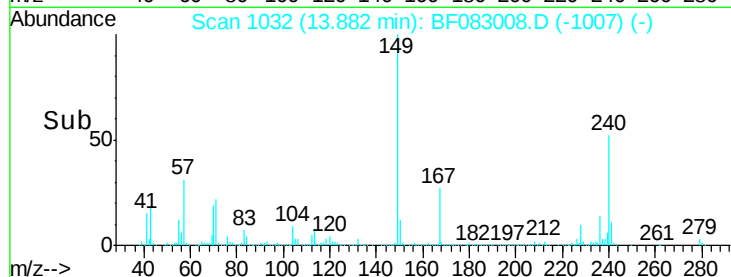
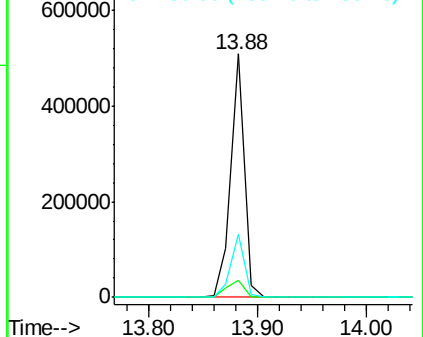
236 26.2 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.30 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

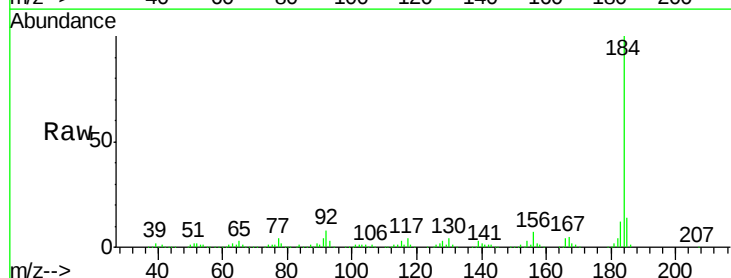
Tgt Ion:184 Resp: 509820

Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

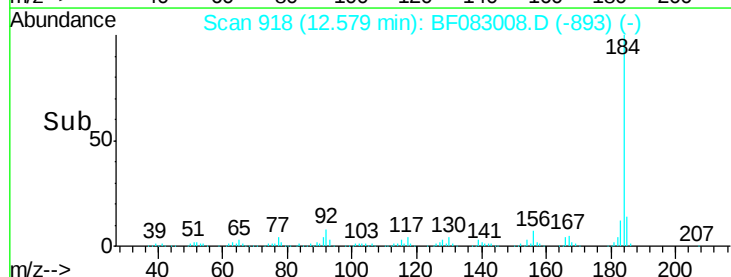
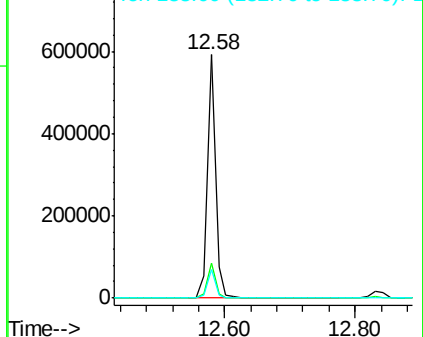
183 11.7 9.6 14.4

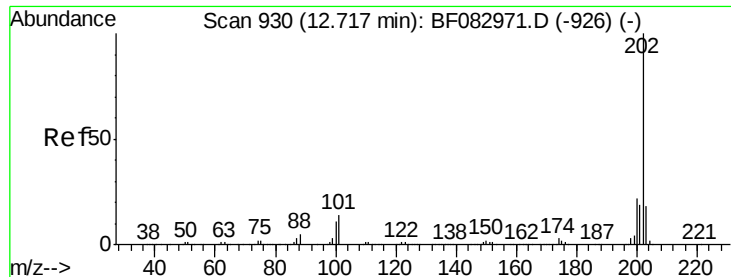


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.61 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA_F

ClientSampleId :

PB86622BS

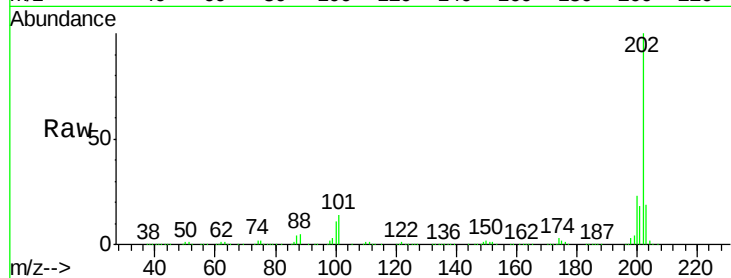
Tot Ion:202 Resp: 1267280

Ion Ratio Lower Upper

202 100

200 22.6 18.7 28.1

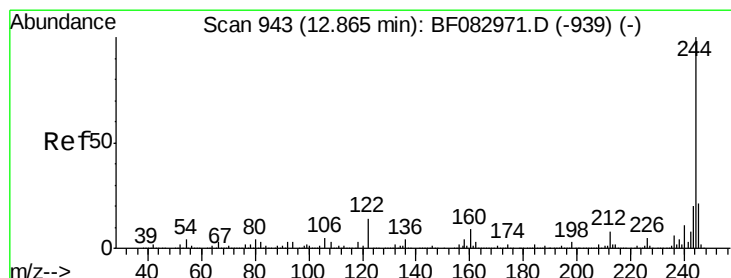
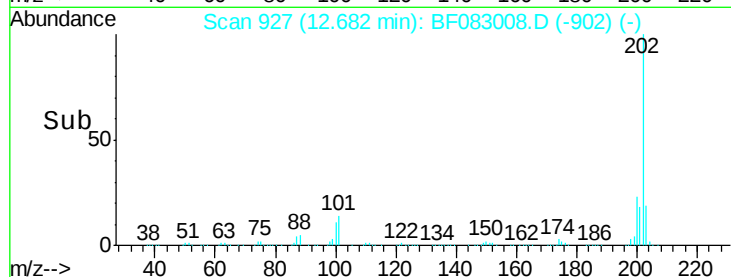
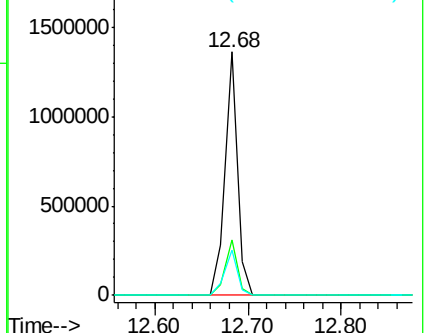
203 18.5 14.8 22.2



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: 92.04 ng

RT: 12.84 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

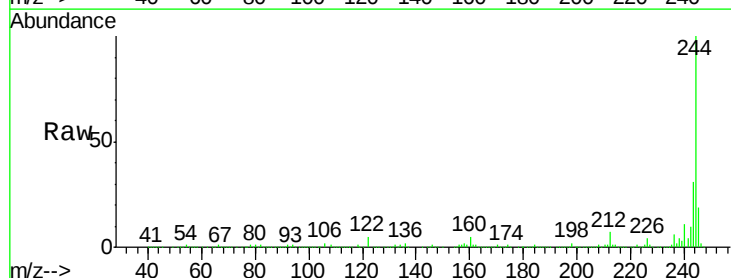
Tgt Ion:244 Resp: 1720908

Ion Ratio Lower Upper

244 100

212 6.8 7.6 11.4#

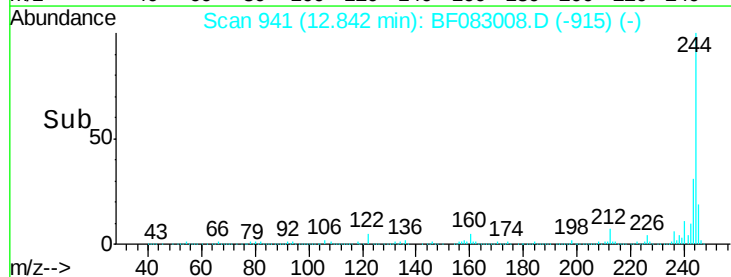
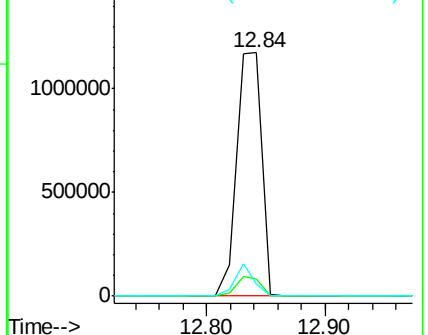
122 4.9 11.3 16.9#

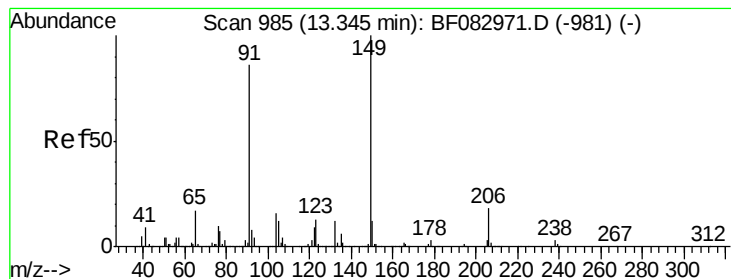


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.98 ng

RT: 13.31 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA_F

ClientSampleId :

PB86622BS

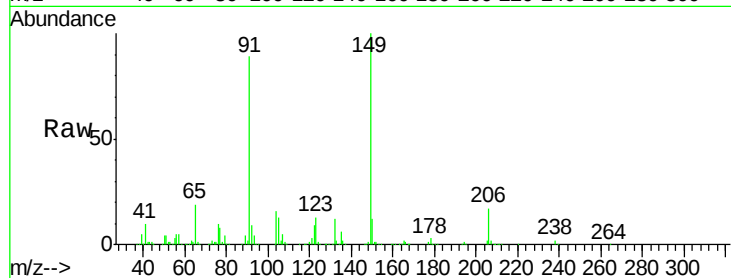
Tot Ion:149 Resp: 605184

Ion Ratio Lower Upper

149 100

91 89.3 67.7 101.5

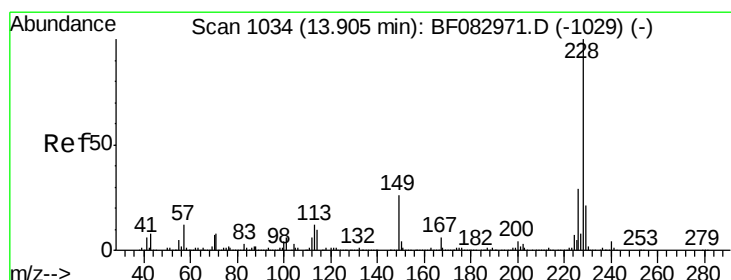
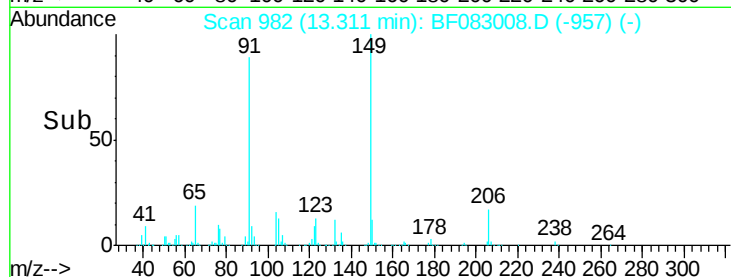
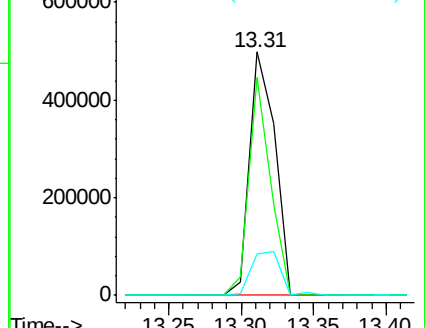
206 16.9 14.6 22.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.70 ng

RT: 13.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

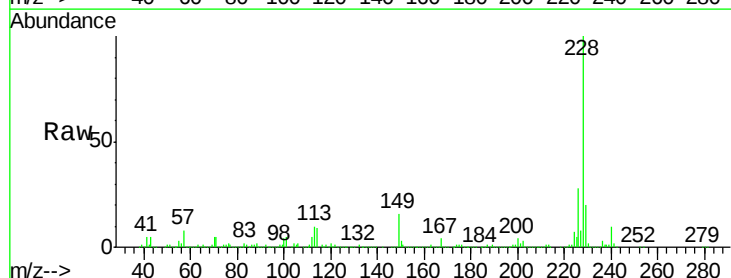
Tgt Ion:228 Resp: 1156576

Ion Ratio Lower Upper

228 100

226 28.3 23.4 35.2

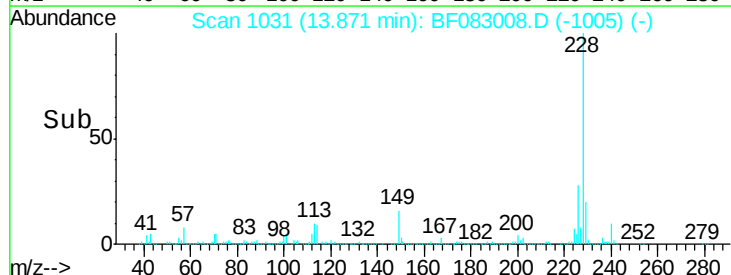
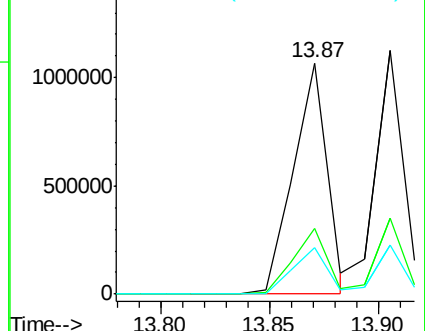
229 20.3 16.3 24.5

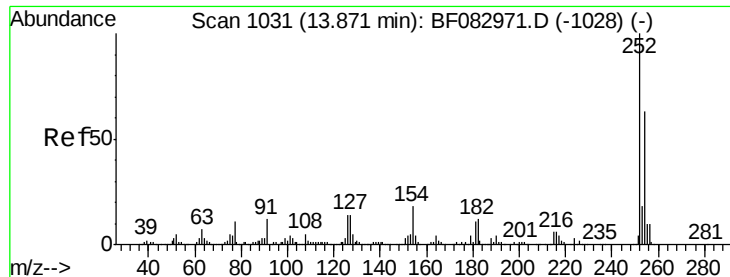


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

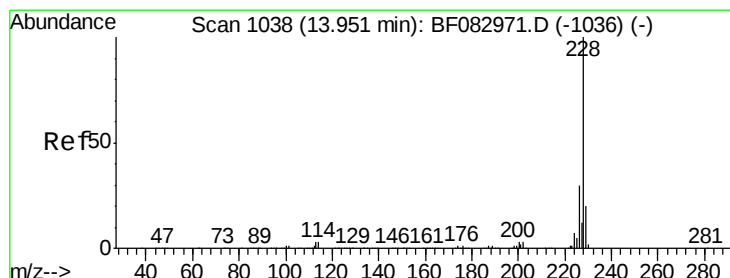
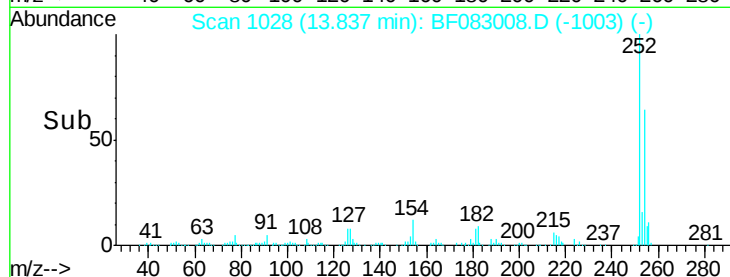
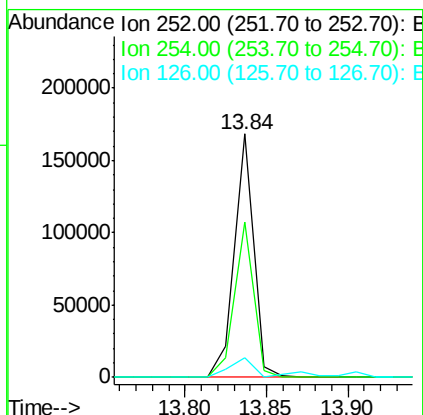
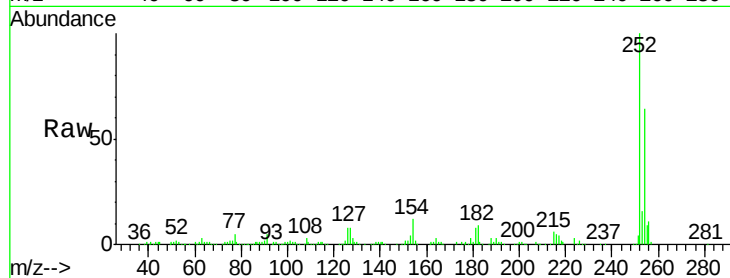




#81
 3,3'-Dichlorobenzidine
 Concen: 13.82 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF083008.D
 Acq: 18 Nov 2015 14:09

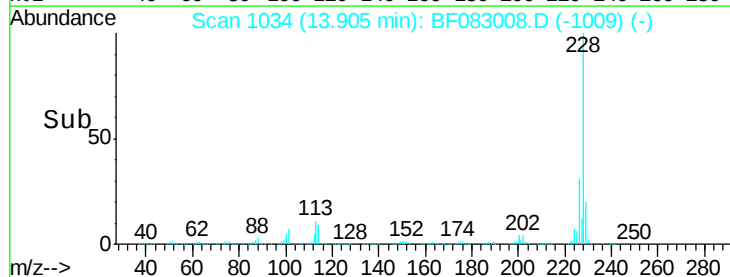
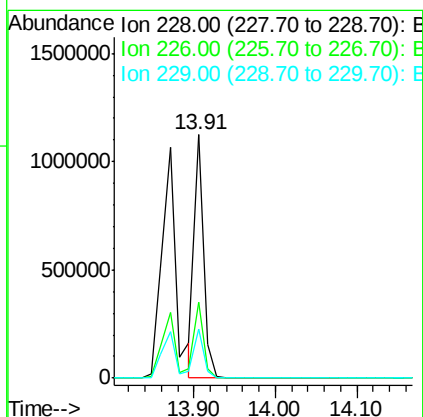
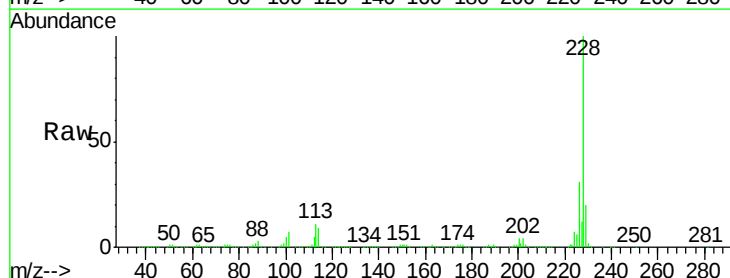
Instrument :
 BNA_F
 ClientSampleId :
 PB86622BS

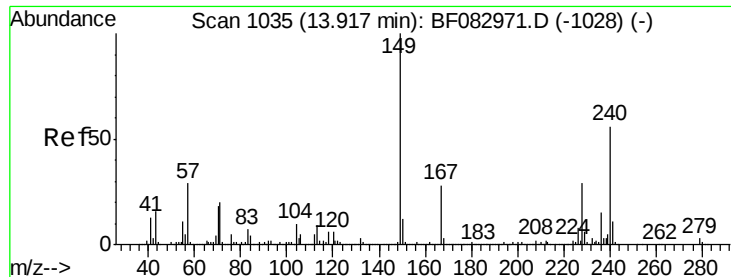
Tot Ion:252 Resp: 136240
 Ion Ratio Lower Upper
 252 100
 254 63.8 51.4 77.0
 126 8.0 10.7 16.1#



#82
 Chrysene
 Concen: 35.05 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF083008.D
 Acq: 18 Nov 2015 14:09

Tgt Ion:228 Resp: 890185
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.5 38.3
 229 20.3 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.04 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA_F

ClientSampleId :

PB86622BS

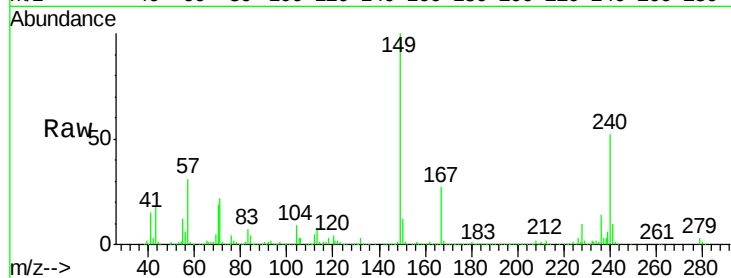
Tot Ion:149 Resp: 847800

Ion Ratio Lower Upper

149 100

167 26.6 21.2 31.8

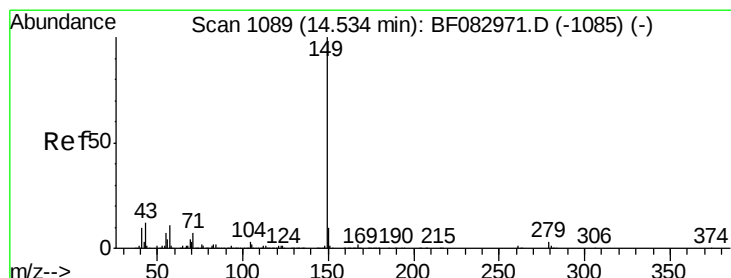
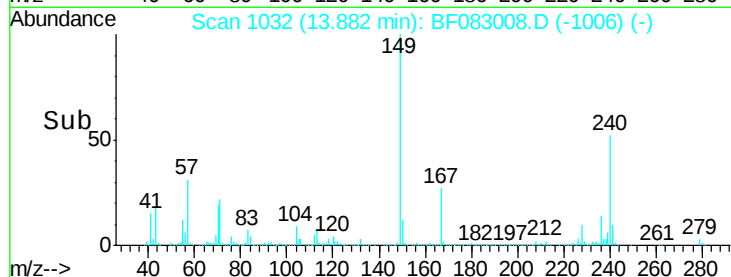
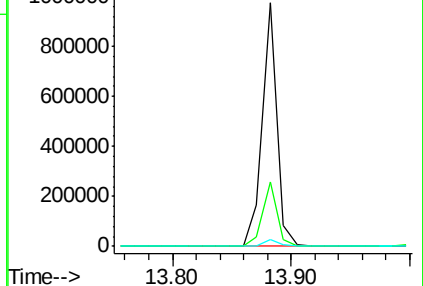
279 2.8 2.2 3.2



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: 44.56 ng

RT: 14.49 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

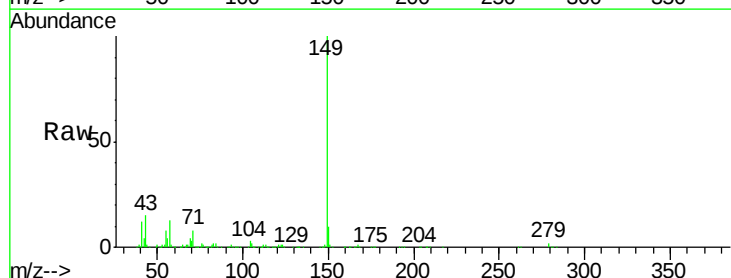
Tgt Ion:149 Resp: 1368966

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

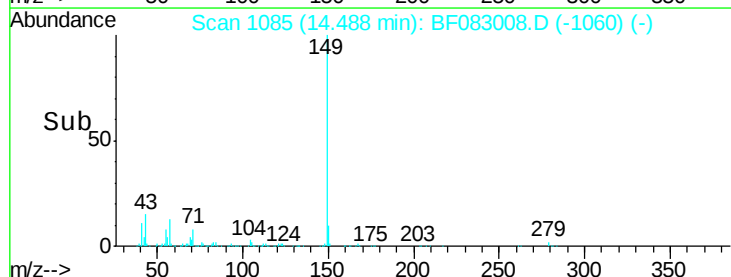
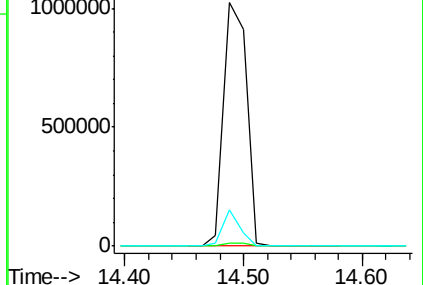
43 10.9 10.1 15.1

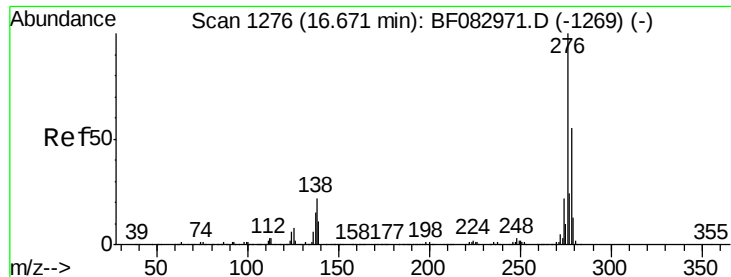


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

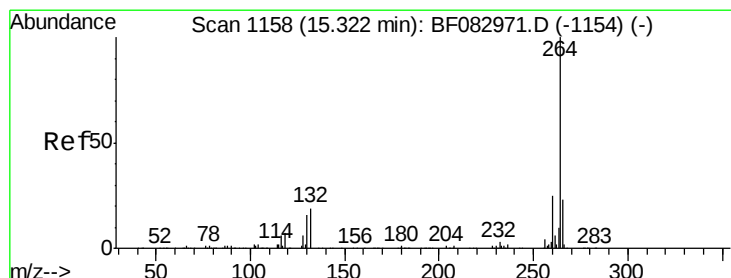
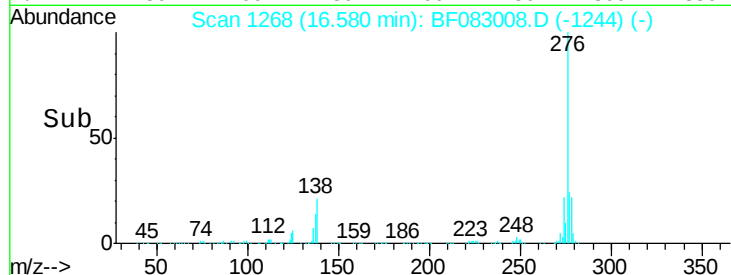
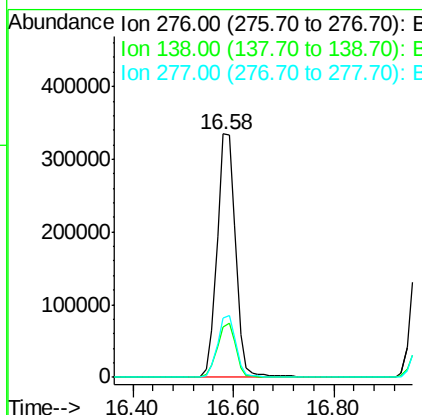
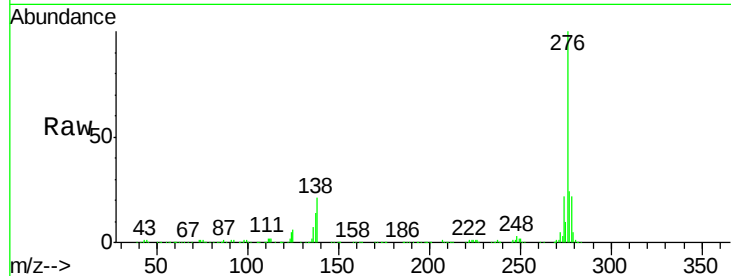




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.16 ng
 RT: 16.58 min Scan# 1268
 Delta R.T. -0.02 min
 Lab File: BF083008.D
 Acq: 18 Nov 2015 14:09

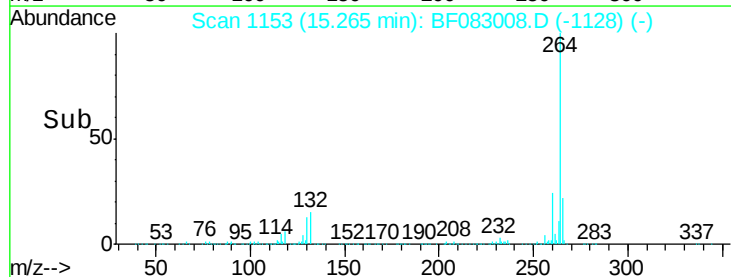
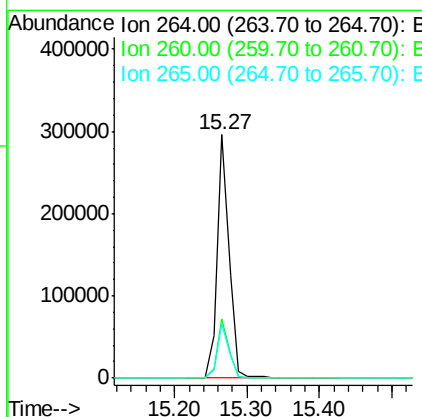
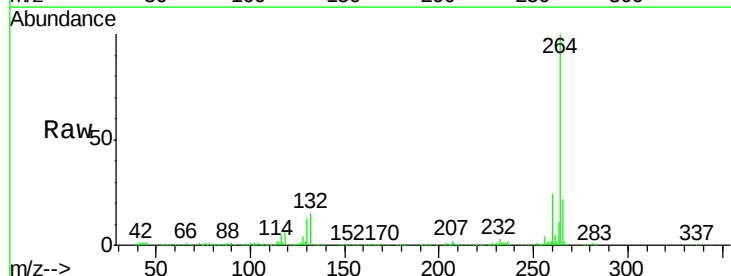
Instrument :
 BNA_F
 ClientSampleId :
 PB86622BS

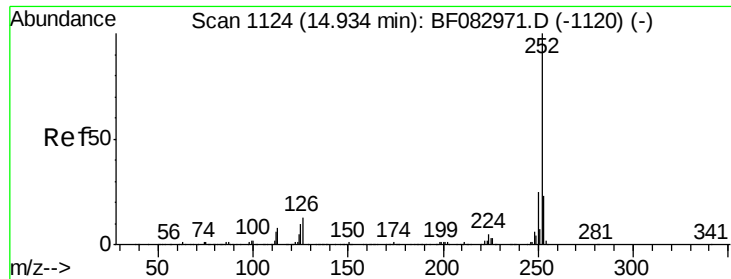
Tot Ion:276 Resp: 856736
 Ion Ratio Lower Upper
 276 100
 138 22.2 15.3 22.9
 277 25.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF083008.D
 Acq: 18 Nov 2015 14:09

Tgt Ion:264 Resp: 336678
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.8 29.6
 265 22.2 17.4 26.0

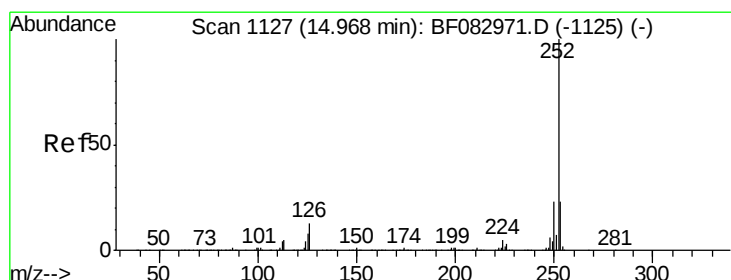
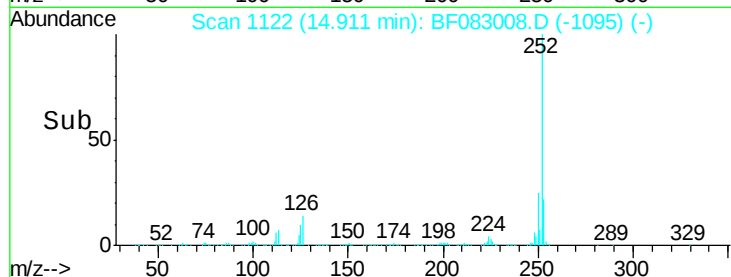
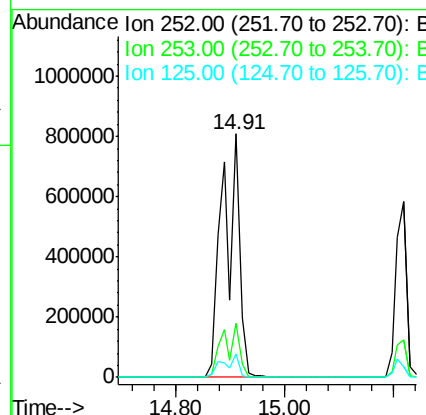
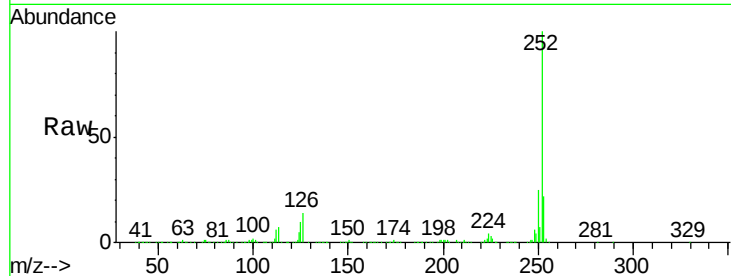




#87
Benzo(b)fluoranthene
Concen: 80.57 ng
RT: 14.91 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

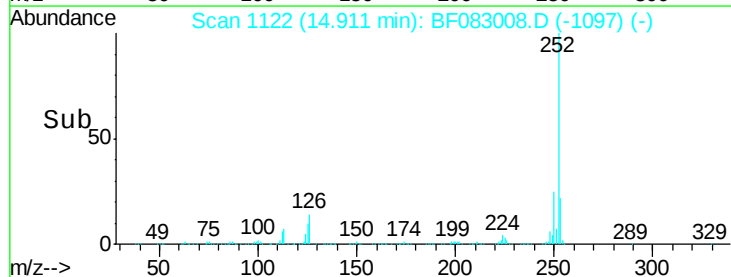
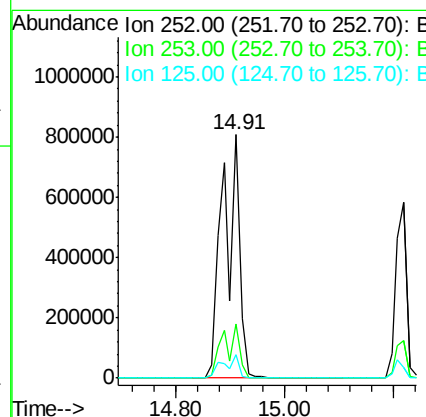
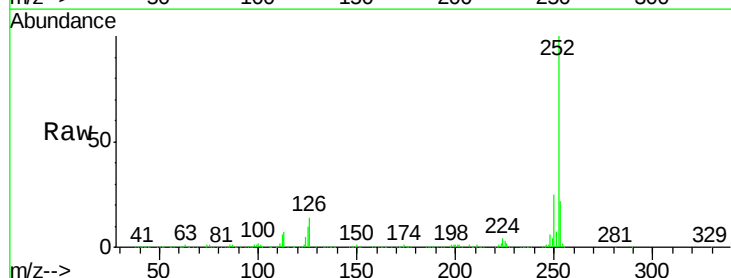
Instrument :
BNA_F
ClientSampleId :
PB86622BS

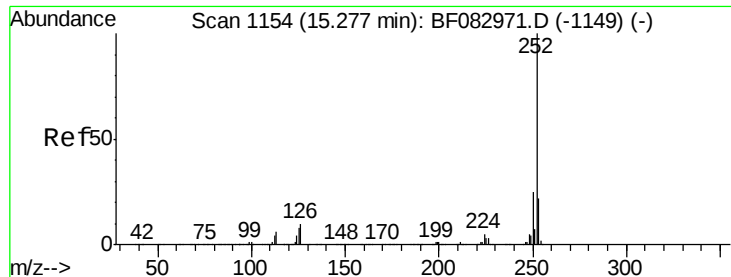
Tot Ion:252 Resp: 1741203
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.9 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 90.82 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

Tgt Ion:252 Resp: 1741203
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 9.9 3.5 5.3#

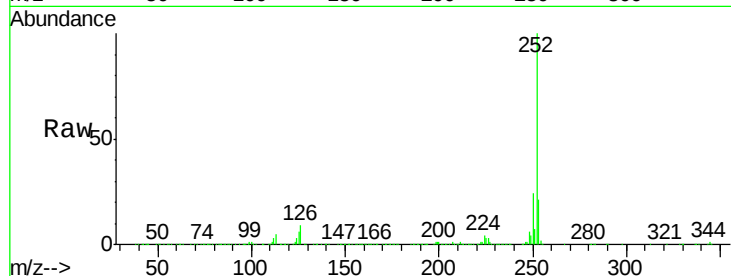




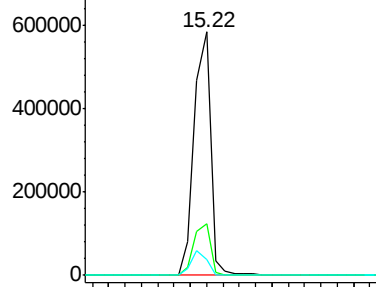
#89
Benzo(a)pyrene
Concen: 43.72 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

Instrument :
BNA_F
ClientSampleId :
PB86622BS

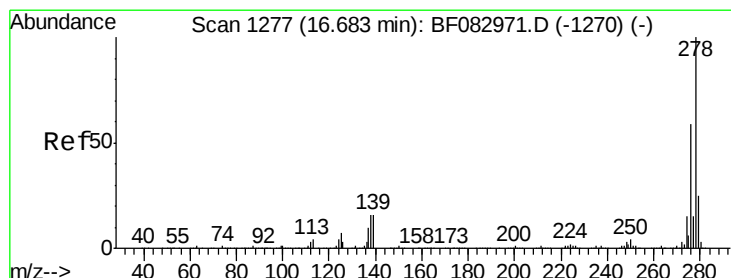
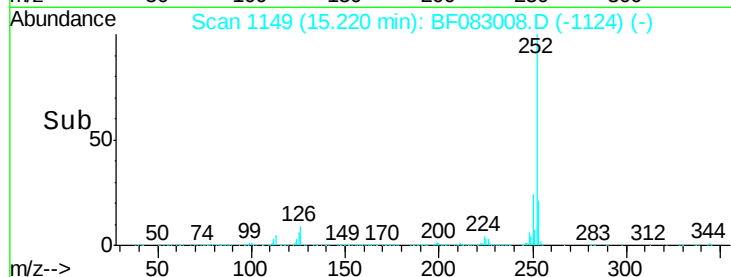
Tot Ion:252 Resp: 818543
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 6.4 7.1 10.7#



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

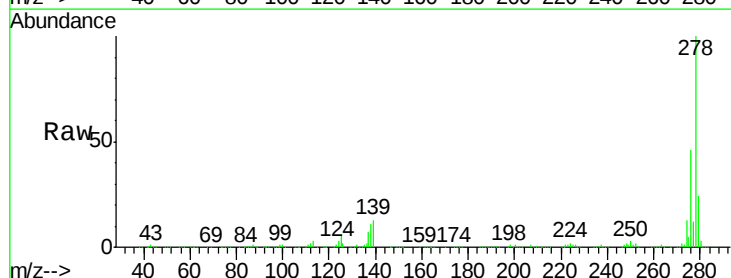


Time-->

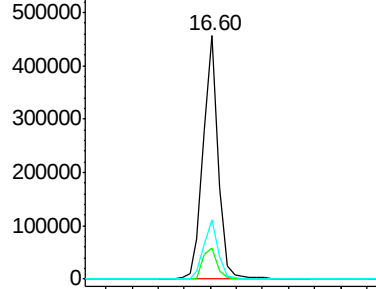


#90
Dibenzo(a,h)anthracene
Concen: 45.55 ng
RT: 16.60 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF083008.D
Acq: 18 Nov 2015 14:09

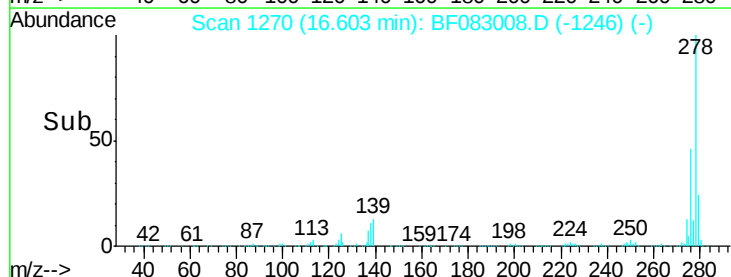
Tgt Ion:278 Resp: 722154
Ion Ratio Lower Upper
278 100
139 12.9 9.9 14.9
279 24.3 19.6 29.4

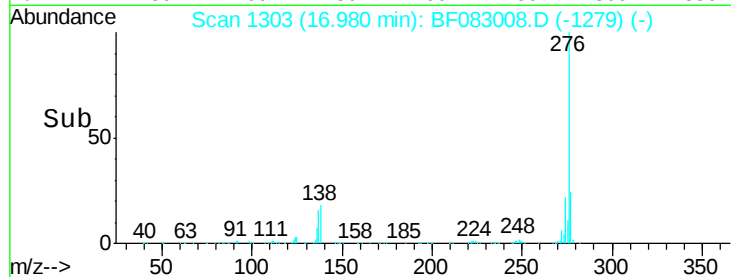
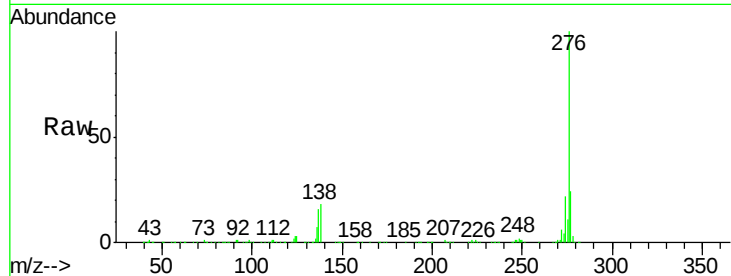
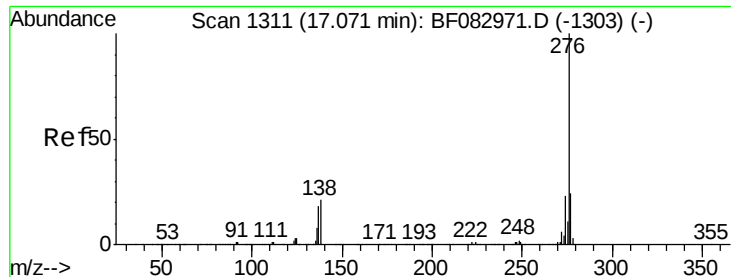


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#91

Benzo(a,h,i)perylene

Concen: 48.57 ng

RT: 16.98 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA_F

ClientSampleId :

PB86622BS

Tot Ion: 276 Resp: 737534

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 18.0 13.1 19.7

