

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111815\
 Data File : BF083007.D
 Acq On : 18 Nov 2015 13:40
 Operator : UM/IZ
 Sample : PB86660BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

Quant Time: Nov 19 01:42:05 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	160321	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	669356	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	289977	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	583138	20.00	ng	0.00
75) Chrysene-d12	13.88	240	463834	20.00	ng	-0.01
86) Perylene-d12	15.29	264	432782	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1306139	126.76	ng	0.01
7) Phenol-d6	6.40	99	1830938	133.66	ng	0.00
23) Nitrobenzene-d5	7.30	82	1028432	66.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	427906	128.70	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1832945	90.59	ng	0.00
78) Terphenyl-d14	12.84	244	1819661	93.05	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	201589	45.34	ng	97
3) Pyridine	2.99	79	442955	34.34	ng	94
4) n-Nitrosodimethylamine	2.93	42	250146	39.09	ng	# 73
6) Aniline	6.40	93	263290	13.69	ng	# 1
8) 2-Chlorophenol	6.52	128	487693	42.70	ng	92
9) Benzaldehyde	6.27	77	445364	58.85	ng	90
10) Phenol	6.41	94	614526	39.54	ng	# 74
11) bis(2-Chloroethyl)ether	6.48	93	523559	45.04	ng	# 83
12) 1,3-Dichlorobenzene	6.90	146	448352	34.80	ng	97
13) 1,4-Dichlorobenzene	6.75	146	546697	40.79	ng	93
14) 1,2-Dichlorobenzene	6.90	146	448896	36.83	ng	95
15) Benzyl Alcohol	6.89	79	473914	39.40	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.02	45	824696	48.37	ng	95
17) 2-Methylphenol	7.01	107	449174	46.43	ng	98
18) Hexachloroethane	7.24	117	201798	42.09	ng	95
19) n-Nitroso-di-n-propylamine	7.16	70	428686	42.57	ng	# 83
20) 3+4-Methylphenols	7.16	107	542653	43.14	ng	# 61
22) Acetophenone	7.15	105	729321	38.03	ng	# 96
24) Nitrobenzene	7.32	77	597156	37.96	ng	98
25) Isophorone	7.56	82	1024755	36.00	ng	99
26) 2-Nitrophenol	7.64	139	268715	40.92	ng	# 54
27) 2,4-Dimethylphenol	7.69	122	432387	36.65	ng	96
28) bis(2-Chloroethoxy)methane	7.78	93	614698	38.29	ng	98
29) 2,4-Dichlorophenol	7.88	162	428204	40.16	ng	86
30) 1,2,4-Trichlorobenzene	7.96	180	440627	36.74	ng	98
31) Naphthalene	8.04	128	1372564	37.17	ng	99
32) Benzoic acid	7.82	122	287765	35.62	ng	85
33) 4-Chloroaniline	8.09	127	84785	5.33	ng	91
34) Hexachlorobutadiene	8.17	225	252573	33.66	ng	98
35) Caprolactam	8.52	113	39083	11.63	ng	# 85
36) 4-Chloro-3-methylphenol	8.59	107	442695	35.30	ng	91
37) 2-Methylnaphthalene	8.83	142	718174	30.06	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	360671	37.85	ng	99
40) Hexachlorocyclopentadiene	8.90	237	440740	86.09	ng	97

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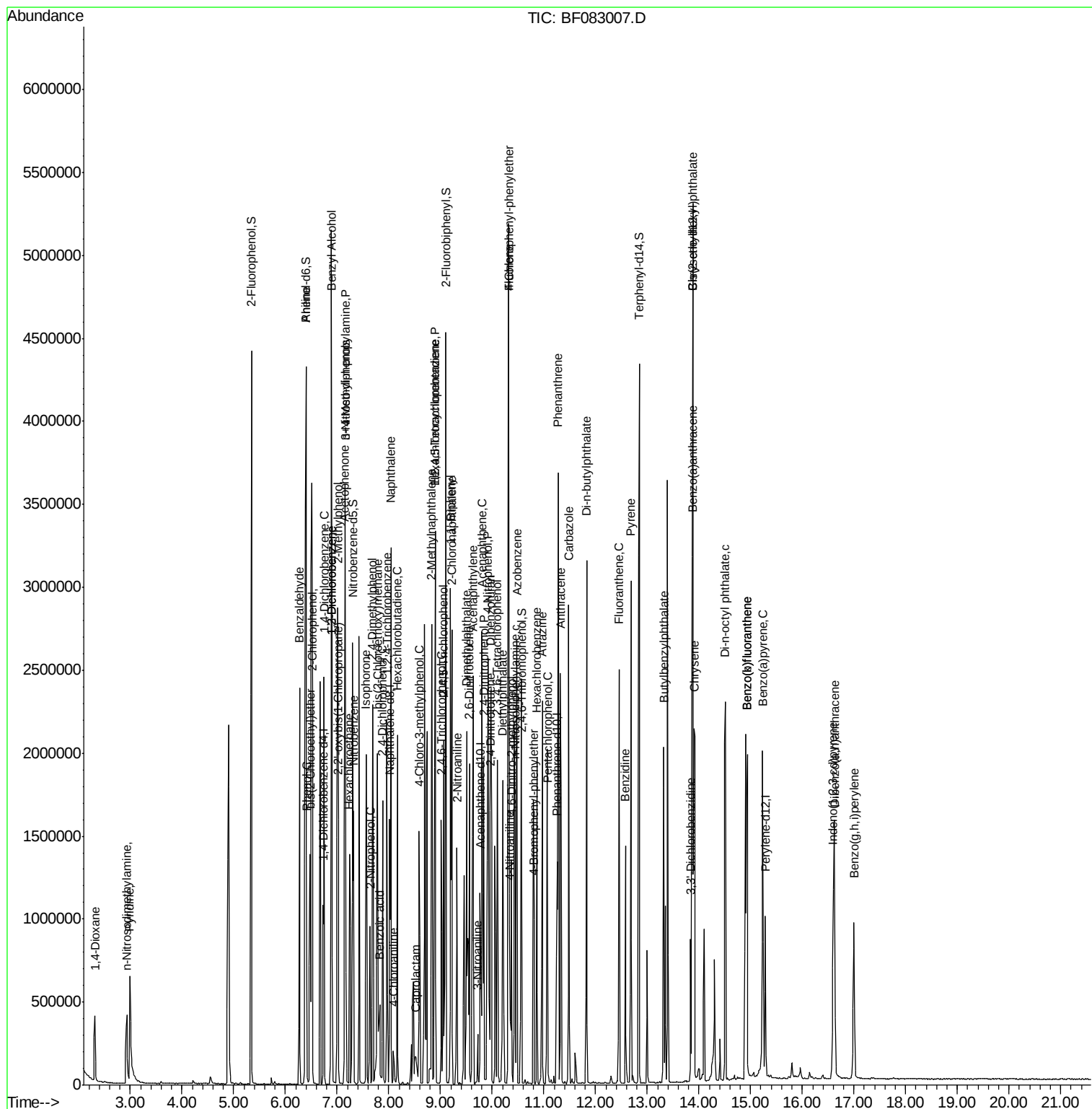
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	285886	40.19	nq	99
43) 2,4,5-Trichlorophenol	9.06	196	286511	40.73	nq	94
45) 1,1'-Biphenyl	9.20	154	944889	37.97	nq	94
46) 2-Chloronaphthalene	9.22	162	778387	40.10	nq	97
47) 2-Nitroaniline	9.32	65	307784	42.75	nq	# 55
48) Acenaphthylene	9.63	152	1220932	40.14	nq	98
49) Dimethylphthalate	9.50	163	892259	37.56	nq	100
50) 2,6-Dinitrotoluene	9.56	165	208549	41.14	nq	98
51) Acenaphthene	9.80	154	864241	44.83	nq	99
52) 3-Nitroaniline	9.72	138	40609	7.28	nq	90
53) 2,4-Dinitrophenol	9.84	184	217424	78.12	nq	# 25
54) Dibenzofuran	9.97	168	1119173	43.06	nq	95
55) 4-Nitrophenol	9.92	139	369162	86.31	nq	89
56) 2,4-Dinitrotoluene	9.96	165	277189	40.30	nq	91
57) Fluorene	10.32	166	823261	39.11	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	227629	39.65	nq	92
59) Diethylphthalate	10.20	149	957089	41.26	nq	97
60) 4-Chlorophenyl-phenylether	10.32	204	446676	42.41	nq	94
61) 4-Nitroaniline	10.34	138	191215	34.11	nq	# 84
62) Azobenzene	10.48	77	1194849	47.95	nq	95
64) 4,6-Dinitro-2-methylphenol	10.37	198	160060	38.53	nq	78
65) n-Nitrosodiphenylamine	10.44	169	787116	37.36	nq	98
66) 4-Bromophenyl-phenylether	10.81	248	269811	38.43	nq	98
67) Hexachlorobenzene	10.86	284	275043	35.08	nq	# 87
68) Atrazine	10.97	200	246967	37.91	nq	98
69) Pentachlorophenol	11.07	266	340351	71.49	nq	98
70) Phenanthrene	11.28	178	1382108	40.81	nq	98
71) Anthracene	11.32	178	1361956	38.18	nq	98
72) Carbazole	11.48	167	1112678	35.63	nq	98
73) Di-n-butylphthalate	11.82	149	1545291	39.72	nq	99
74) Fluoranthene	12.45	202	1398149	38.47	nq	98
76) Benzidine	12.58	184	520690	33.50	nq	98
77) Pyrene	12.68	202	1335632	41.93	nq	98
79) Butylbenzylphthalate	13.32	149	671151	47.69	nq	# 78
80) Benzo(a)anthracene	13.87	228	1264032	43.58	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	159530	15.47	nq	98
82) Chrysene	13.92	228	1184064	44.57	nq	98
83) Bis(2-ethylhexyl)phthalate	13.88	149	854227	44.35	nq	# 97
84) Di-n-octyl phthalate	14.51	149	1532474	47.70	nq	96
85) Indeno(1,2,3-cd)pyrene	16.60	276	958576	41.90	nq	97
87) Benzo(b)fluoranthene	14.93	252	2165749	77.96	nq	99
88) Benzo(k)fluoranthene	14.93	252	2165749	87.88	nq	# 99
89) Benzo(a)pyrene	15.23	252	996399	41.40	nq	# 98
90) Dibenzo(a,h)anthracene	16.63	278	797033	39.11	nq	99
91) Benzo(g,h,i)perylene	17.00	276	772568	39.58	nq	97

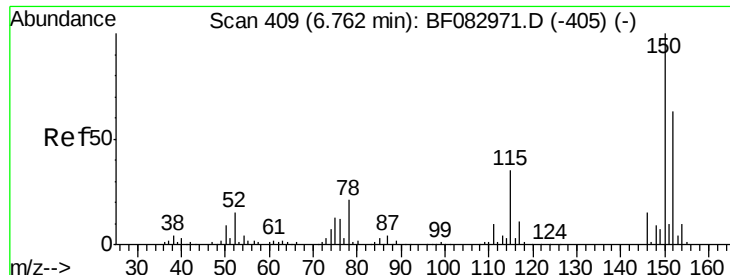
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc      :  
ALS Vial  : 3      Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

PB86660BS

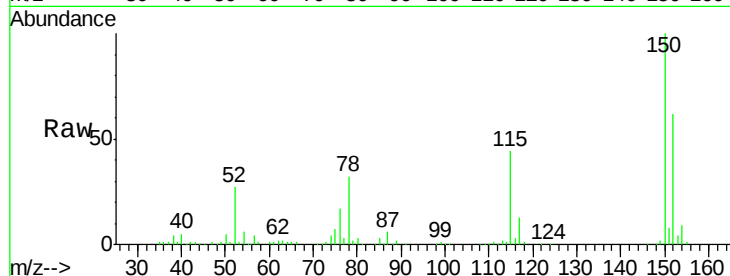
Tot Ion:152 Resp: 160321

Ion Ratio Lower Upper

152 100

150 161.4 127.0 190.4

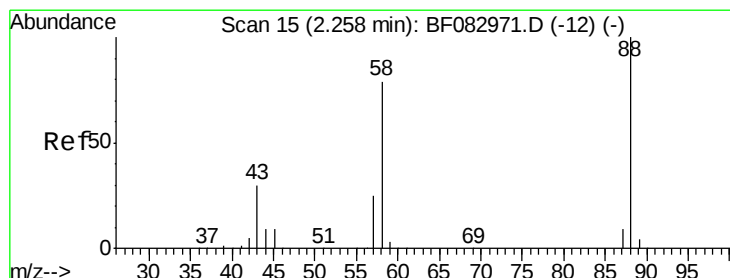
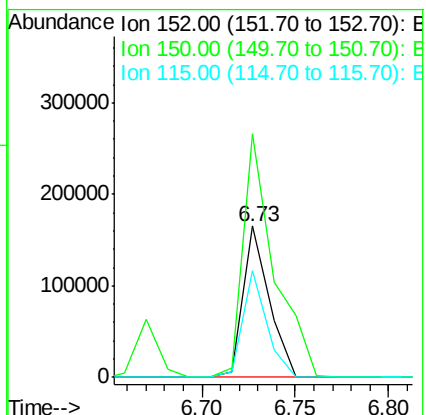
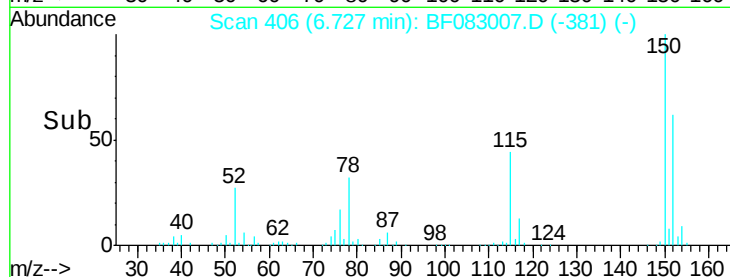
115 70.3 47.0 70.6



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: 45.34 ng

RT: 2.32 min Scan# 20

Delta R.T. 0.08 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

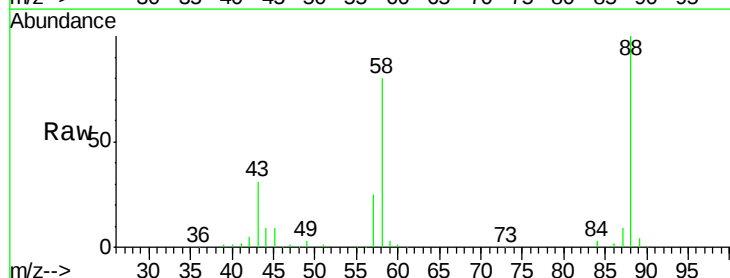
Tgt Ion: 88 Resp: 201589

Ion Ratio Lower Upper

88 100

58 80.1 62.0 93.0

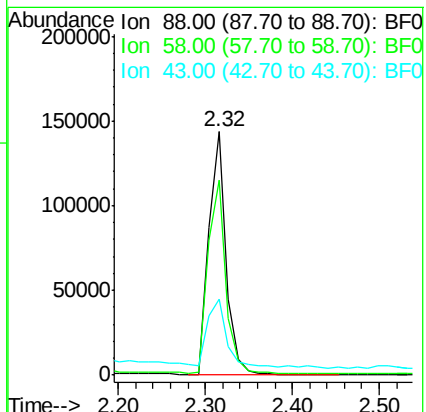
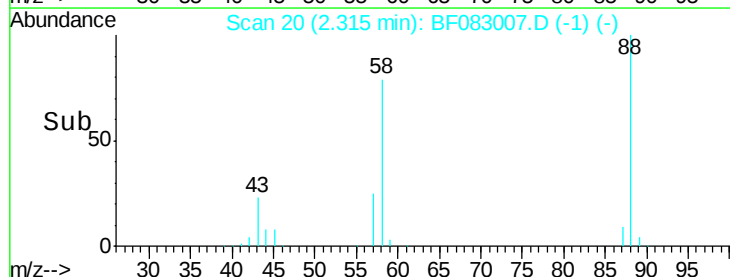
43 30.8 26.6 40.0

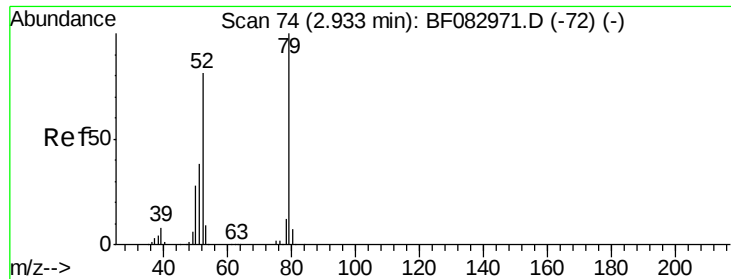


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

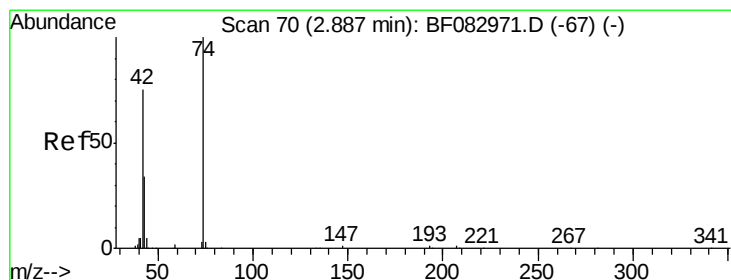
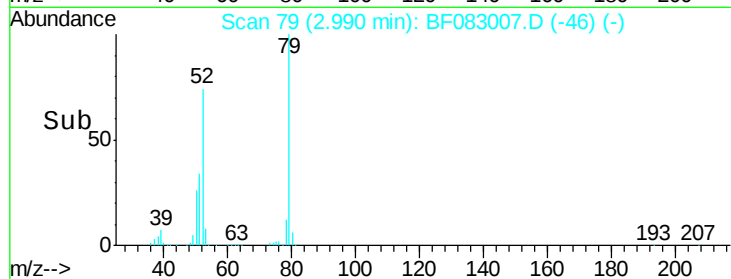
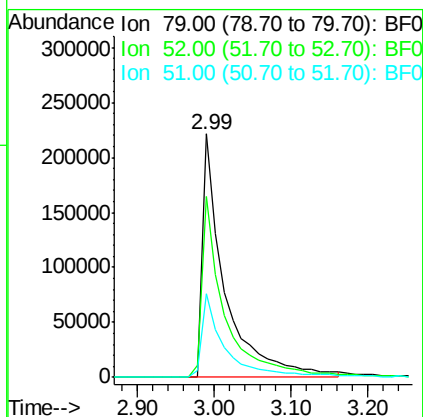
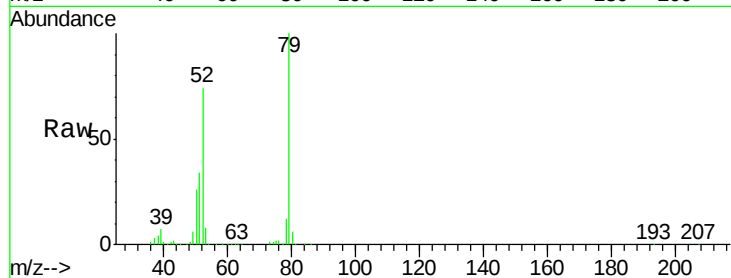




#3
 Pvridine
 Concen: 34.34 ng
 RT: 2.99 min Scan# 79
 Delta R.T. 0.08 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

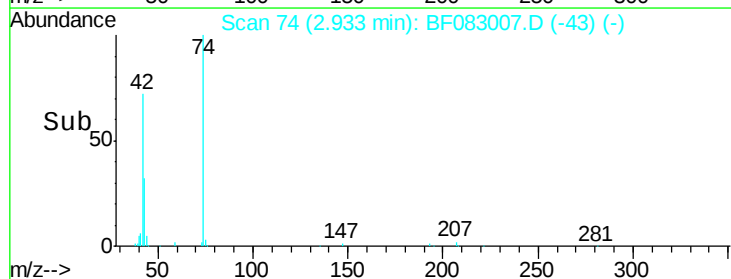
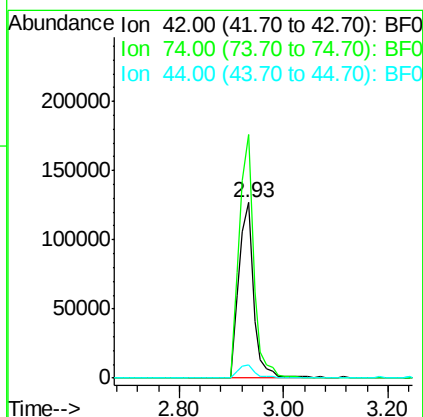
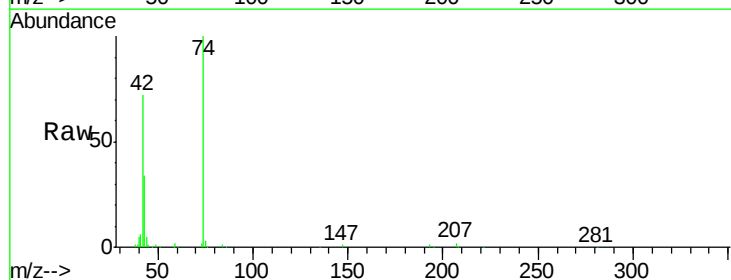
Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

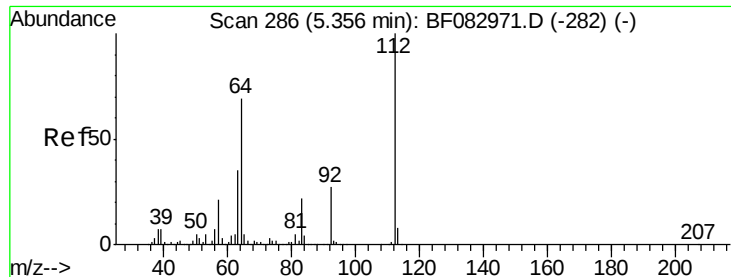
Tot Ion	Ratio	Lower	Upper
79	100		
52	74.2	62.8	94.2
51	34.5	32.0	48.0



#4
 n-Nitrosodimethylamine
 Concen: 39.09 ng
 RT: 2.93 min Scan# 74
 Delta R.T. 0.06 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	138.8	87.0	130.4#
44	7.5	5.8	8.8





#5

2-Fluorophenol

Concen: 126.76 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

PB86660BS

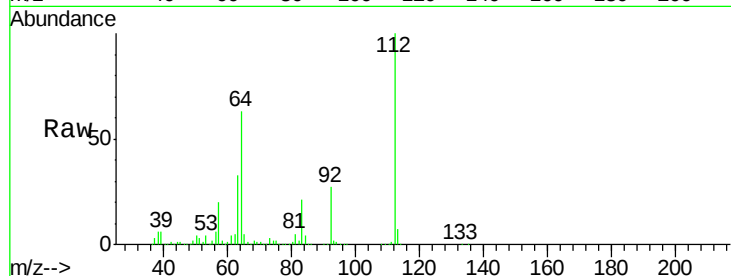
Tot Ion:112 Resp: 1306139

Ion Ratio Lower Upper

112 100

64 63.1 48.9 73.3

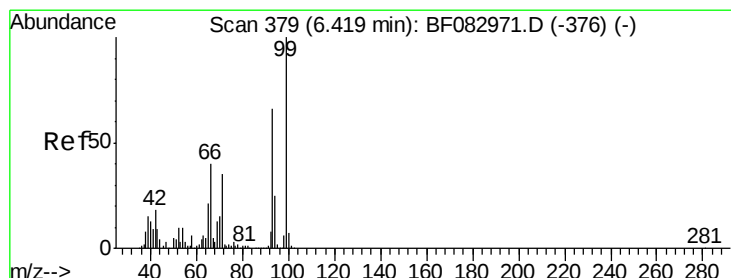
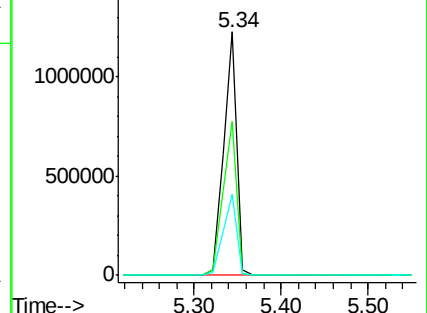
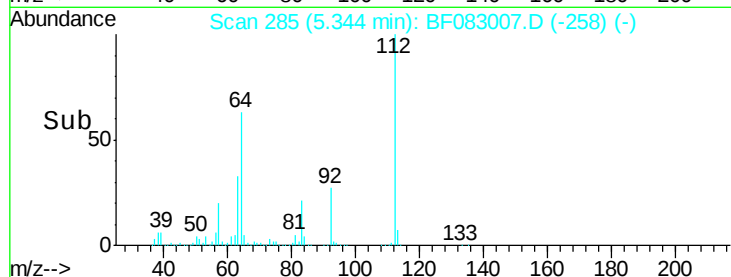
63 33.1 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.69 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

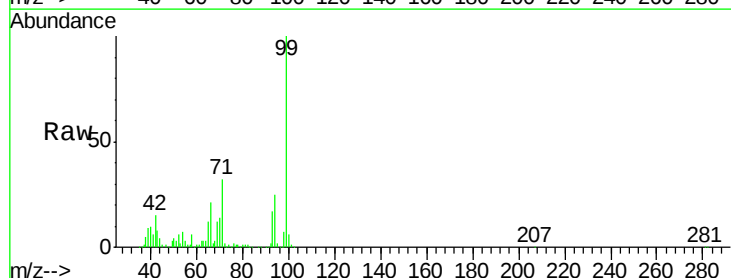
Tgt Ion: 93 Resp: 263290

Ion Ratio Lower Upper

93 100

66 124.8 33.6 50.4#

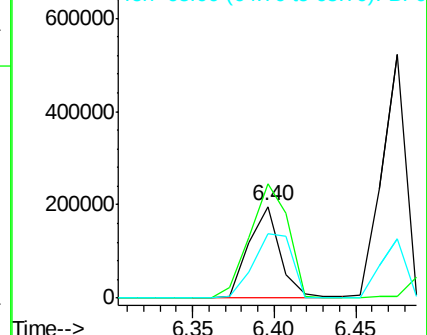
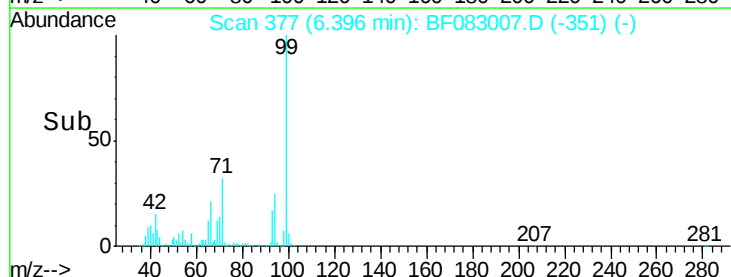
65 70.2 18.1 27.1#

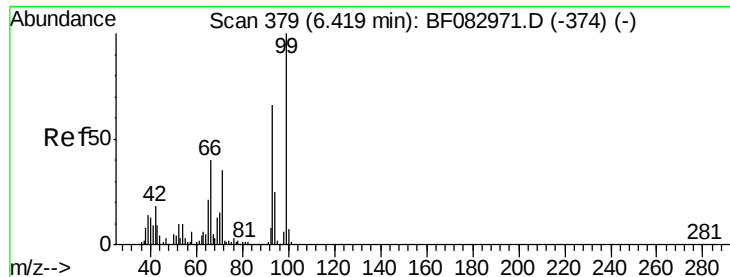


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.66 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

PB8660BS

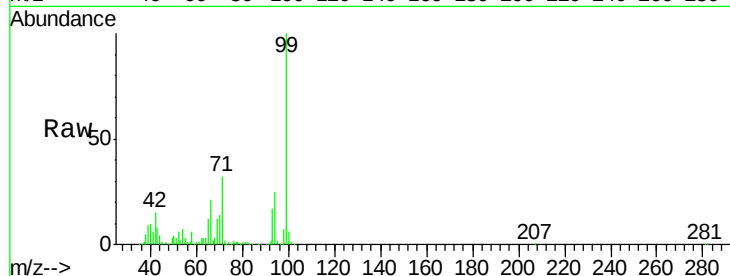
Tot Ion: 99 Resp: 1830938

Ion Ratio Lower Upper

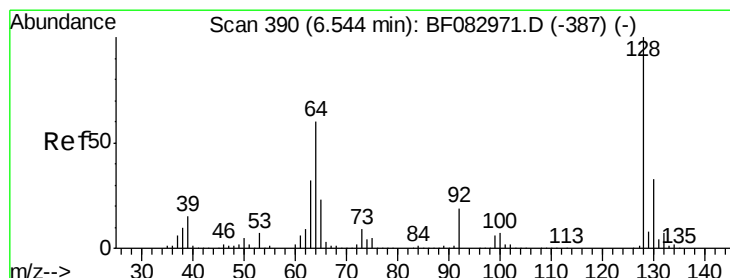
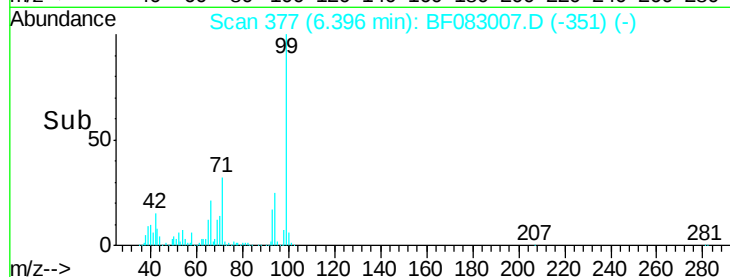
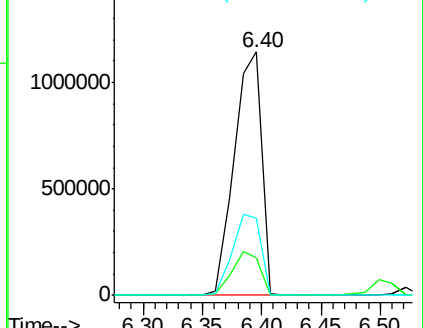
99 100

42 15.5 19.2 28.8#

71 31.9 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: 42.70 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

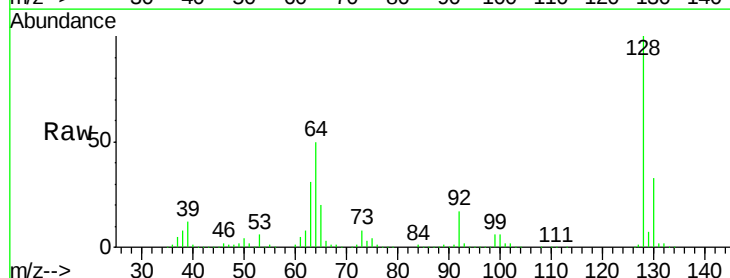
Tgt Ion: 128 Resp: 487693

Ion Ratio Lower Upper

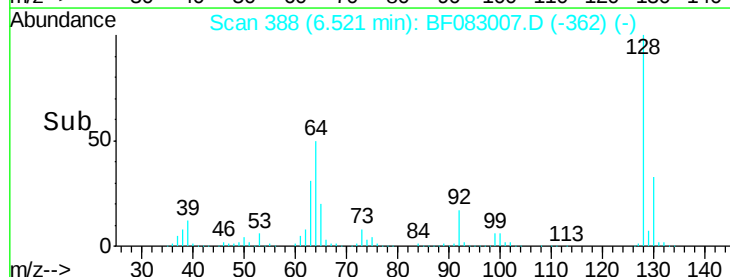
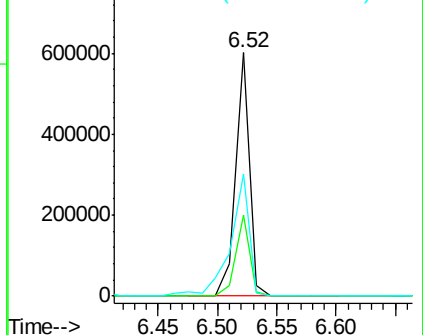
128 100

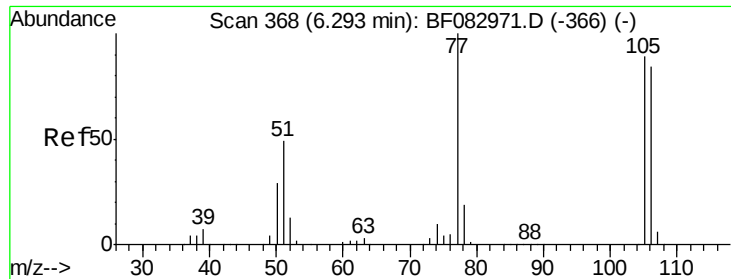
130 33.1 13.5 53.5

64 50.3 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

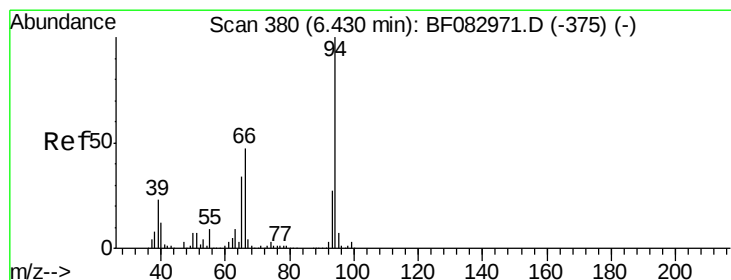
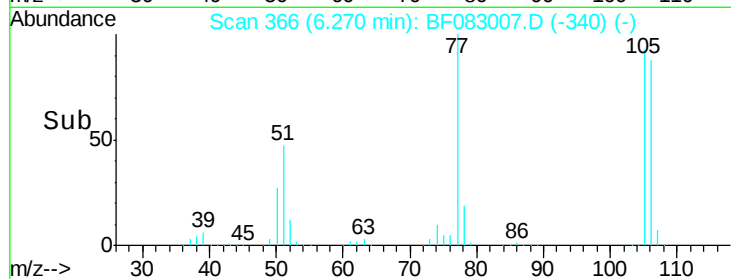
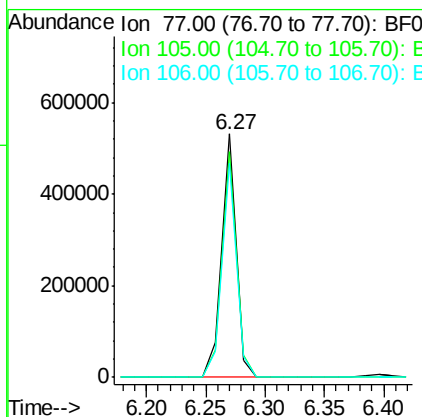
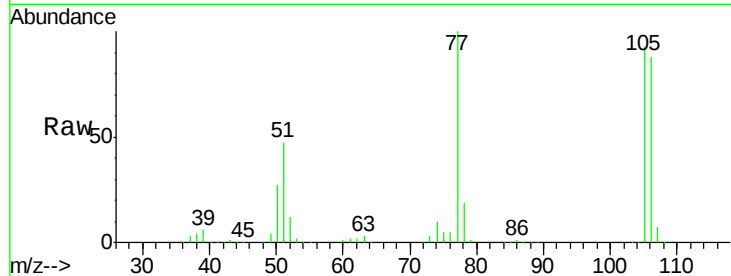




#9
Benzaldehyde
Concen: 58.85 ng
RT: 6.27 min Scan# 366
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

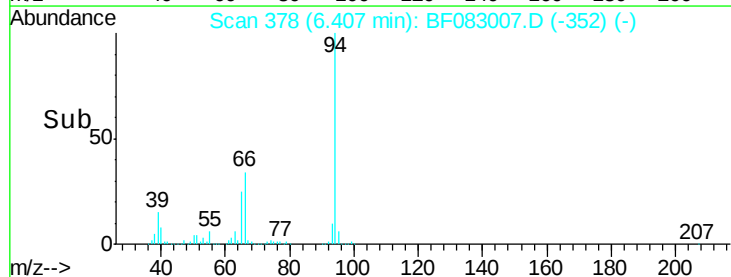
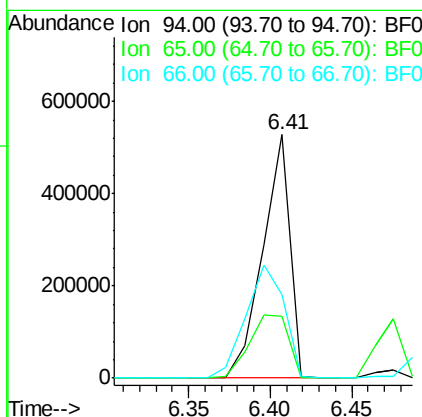
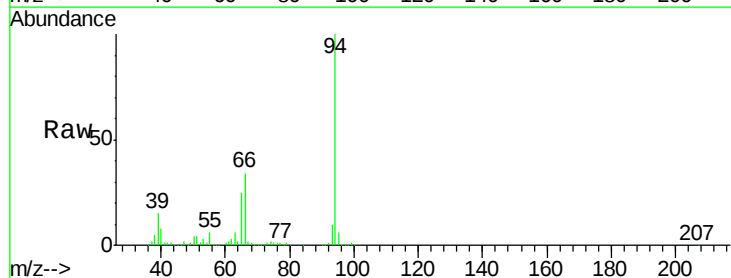
Instrument :
BNA_F
ClientSampleId :
PB86660BS

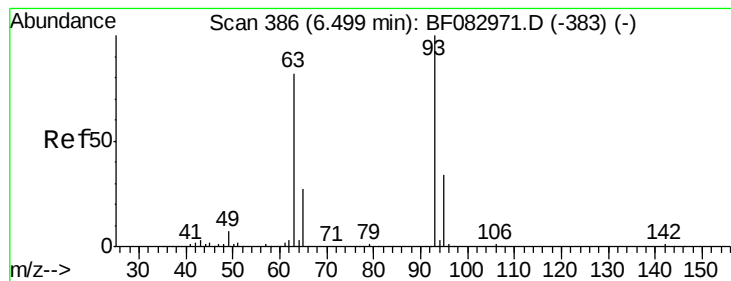
Tot Ion: 77 Resp: 445364
Ion Ratio Lower Upper
77 100
105 92.6 63.5 103.5
106 88.0 59.3 99.3



#10
Phenol
Concen: 39.54 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion: 94 Resp: 614526
Ion Ratio Lower Upper
94 100
65 25.3 18.9 58.9
66 34.3 34.9 74.9#

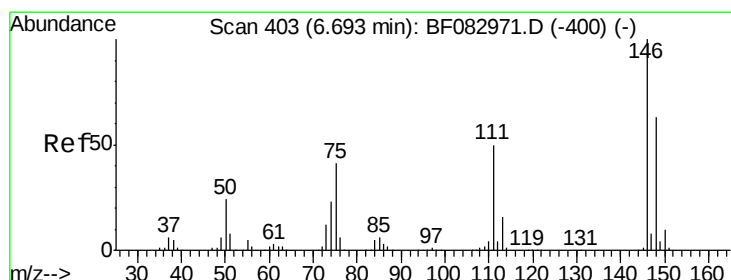
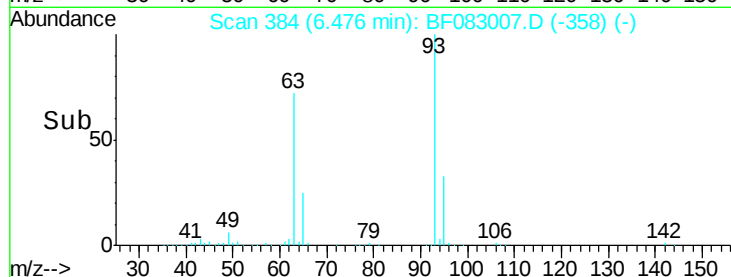
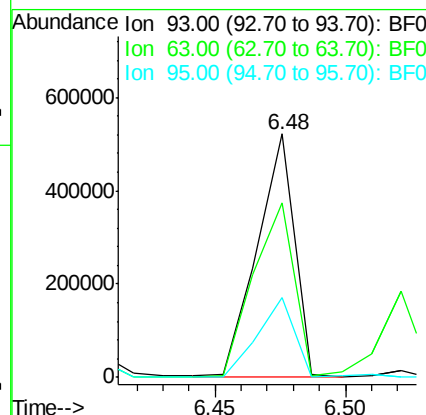
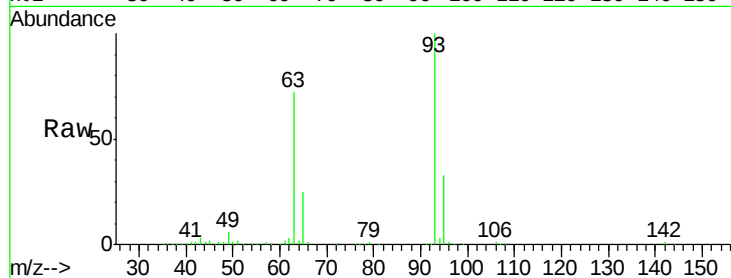




#11
bis(2-Chloroethyl)ether
Concen: 45.04 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

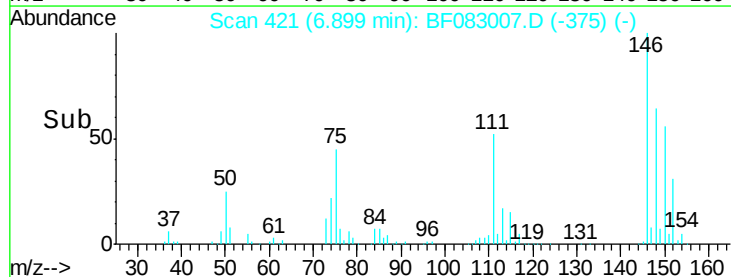
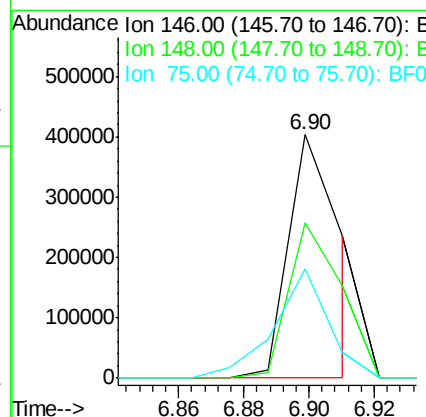
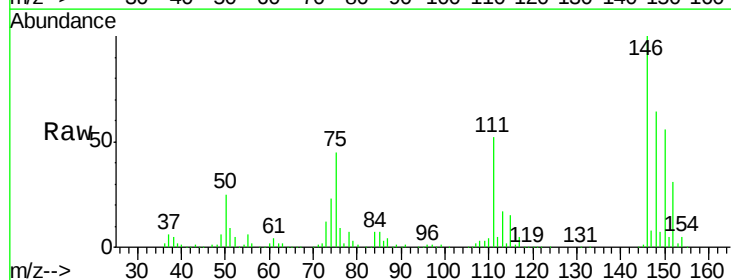
Instrument :
BNA_F
ClientSampleId :
PB86660BS

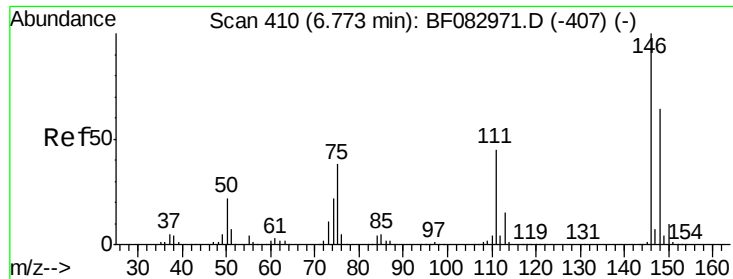
Tot Ion: 93 Resp: 523559
Ion Ratio Lower Upper
93 100
63 71.6 72.7 112.7#
95 32.9 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 34.80 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.23 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion: 146 Resp: 448352
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
75 44.8 39.5 59.3

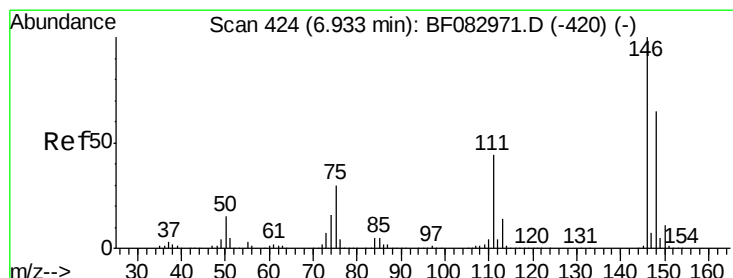
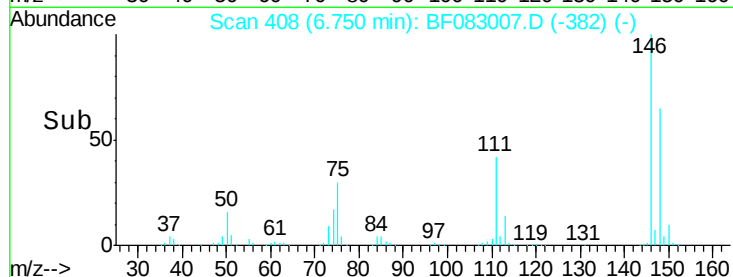
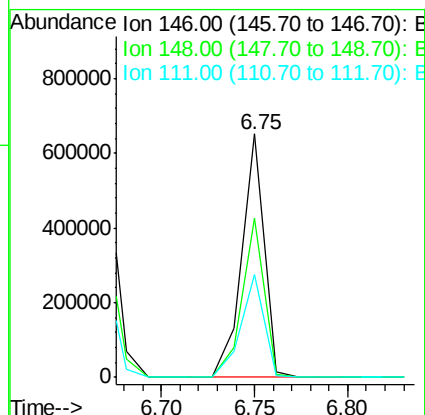
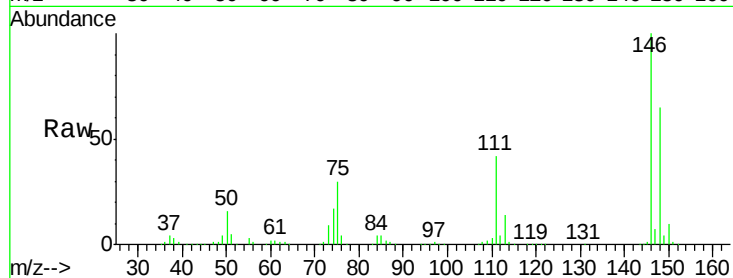




#13
 1,4-Dichlorobenzene
 Concen: 40.79 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

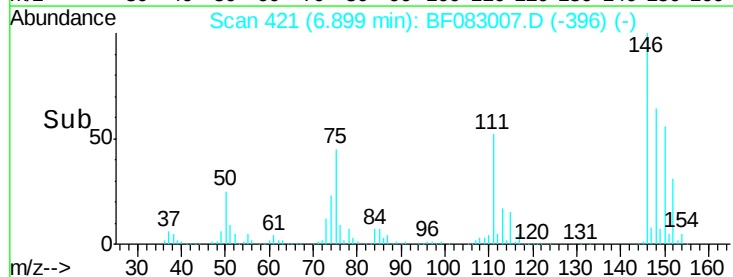
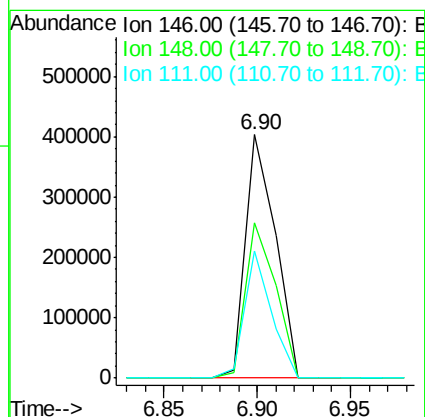
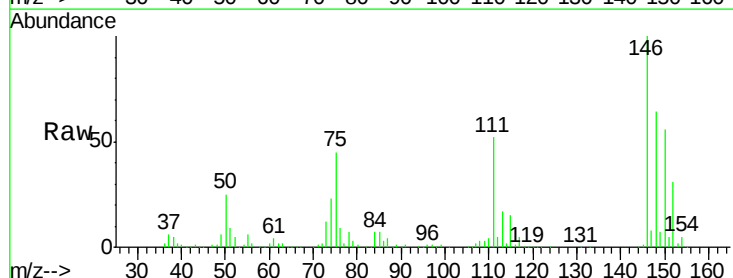
Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

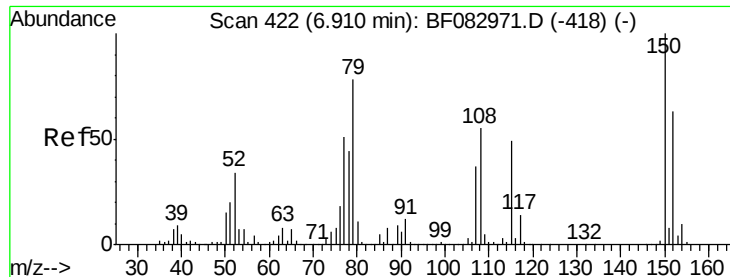
Tot Ion:146 Resp: 546697
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.8 76.2
 111 42.2 40.6 60.8



#14
 1,2-Dichlorobenzene
 Concen: 36.83 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.01 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Tgt Ion:146 Resp: 448896
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.4
 111 52.4 36.6 55.0

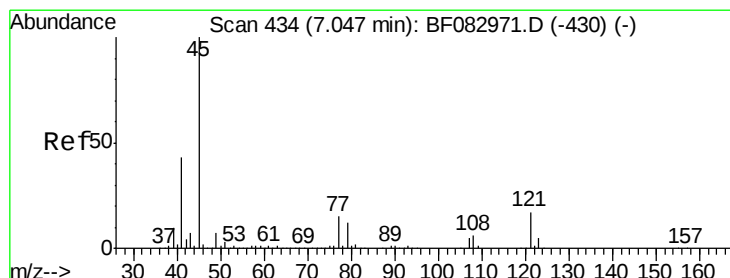
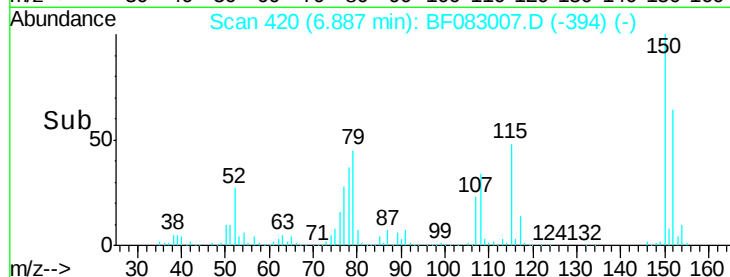
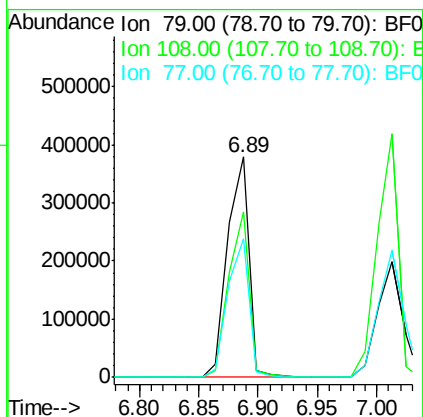
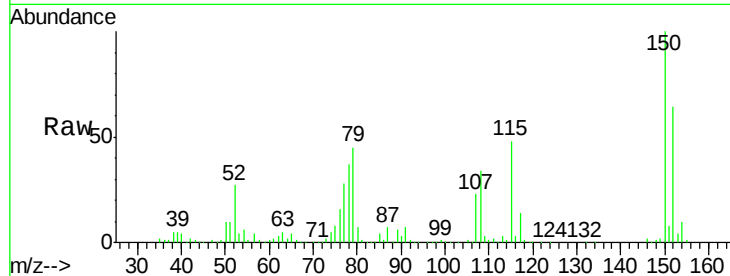




#15
Benzyl Alcohol
Concen: 39.40 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

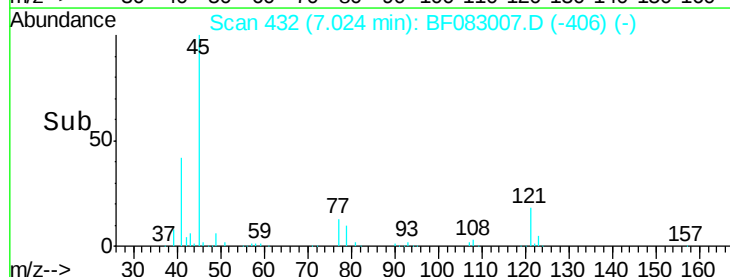
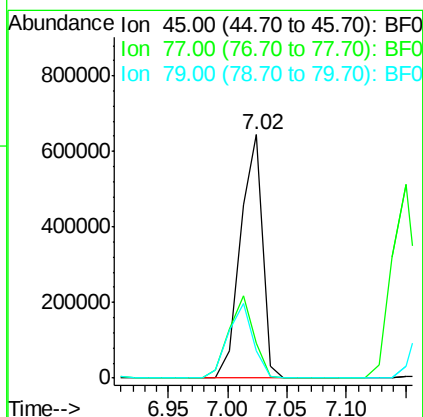
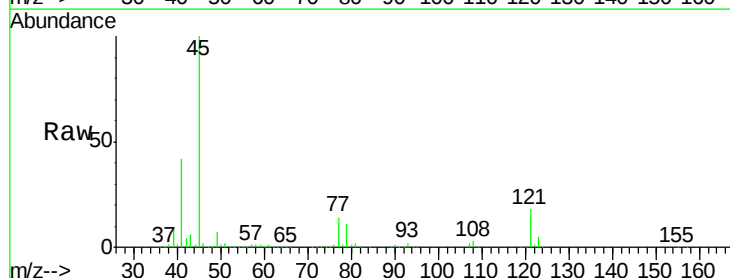
Instrument :
BNA_F
ClientSampleId :
PB86660BS

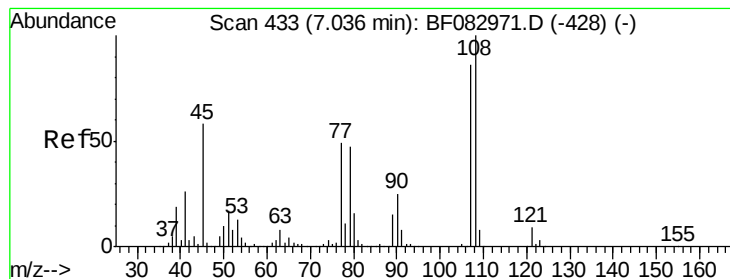
Tot Ion: 79 Resp: 473914
Ion Ratio Lower Upper
79 100
108 75.4 52.2 78.4
77 63.0 52.7 79.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 48.37 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion: 45 Resp: 824696
Ion Ratio Lower Upper
45 100
77 14.2 0.0 32.6
79 11.4 0.0 29.2





#17

2-Methylphenol

Concen: 46.43 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

PB86660BS

Tot Ion:107 Resp: 449174

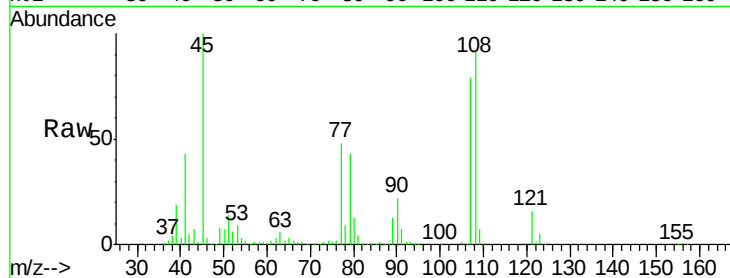
Ion Ratio Lower Upper

107 100

108 115.3 93.0 139.4

77 60.1 44.1 66.1

79 54.6 43.6 65.4

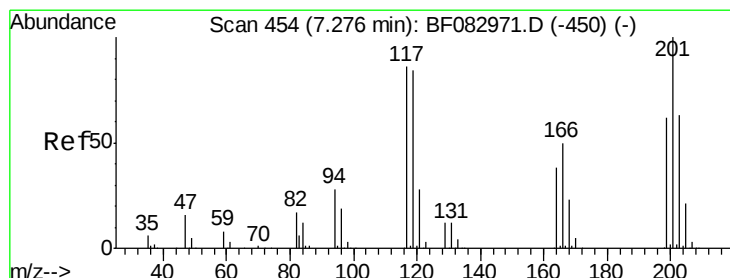
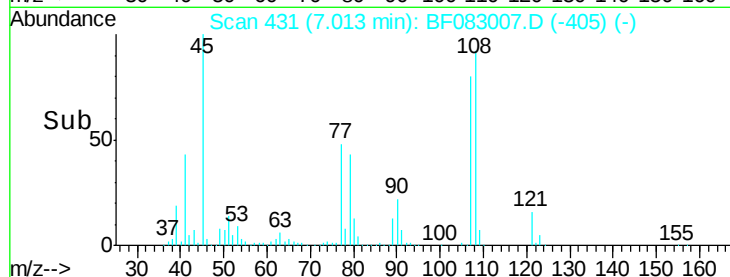
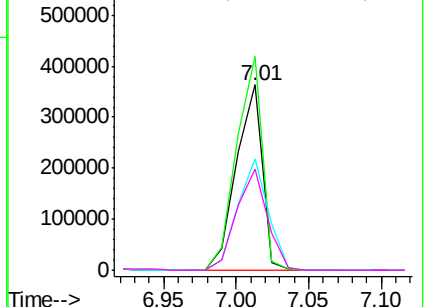


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.09 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

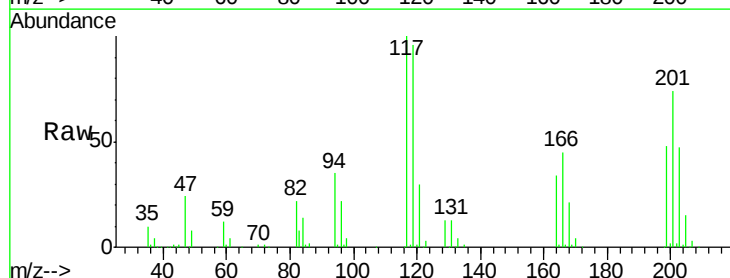
Tgt Ion:117 Resp: 201798

Ion Ratio Lower Upper

117 100

119 95.6 77.7 116.5

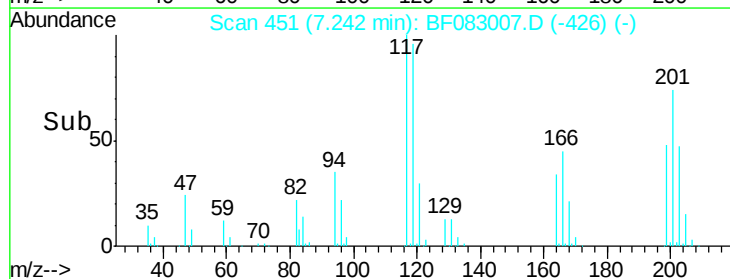
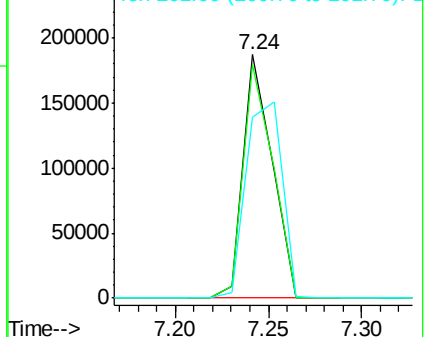
201 74.4 66.7 100.1

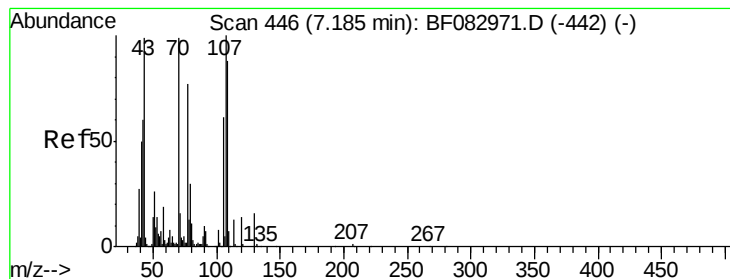


Abundance Ion 117.00 (116.70 to 117.70): E

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: 42.57 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampled :

PB86660BS

Tot Ion: 70 Resp: 428686

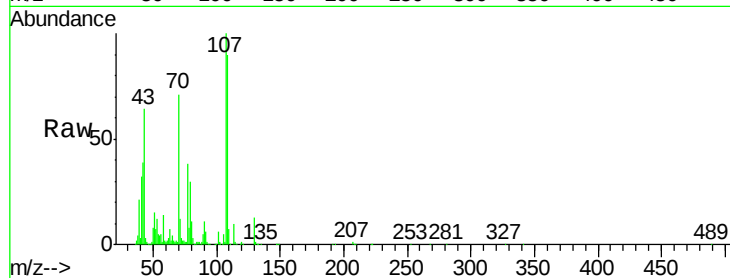
Ion Ratio Lower Upper

70 100

42 55.1 57.7 86.5#

101 9.1 7.0 10.6

130 18.9 11.8 17.6#

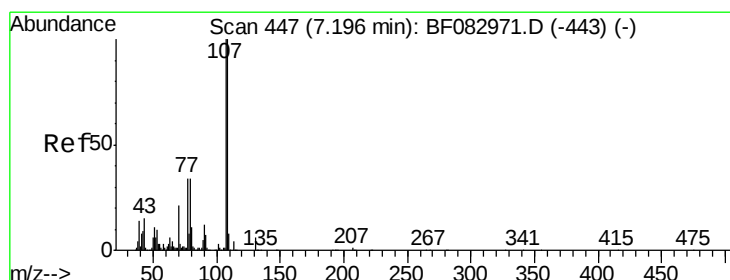
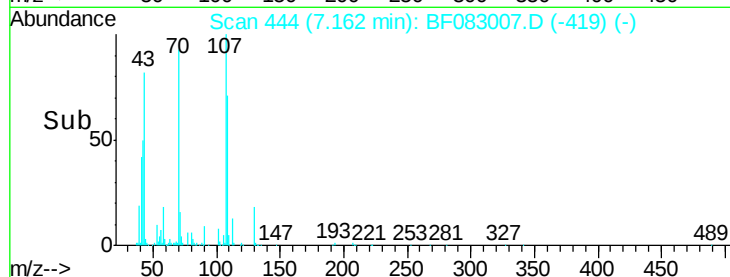
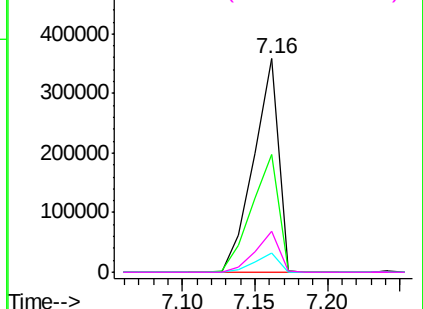


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 43.14 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Tgt Ion:107 Resp: 542653

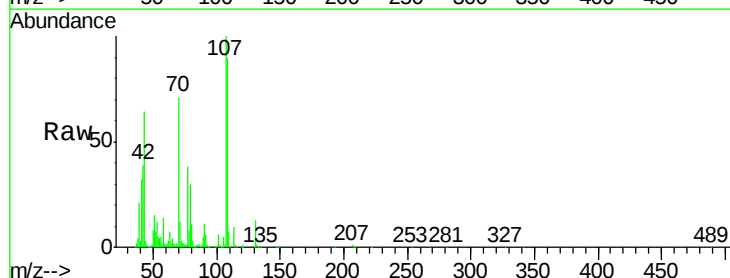
Ion Ratio Lower Upper

107 100

108 90.3 67.3 107.3

77 37.7 100.3 140.3#

79 30.1 16.2 56.2

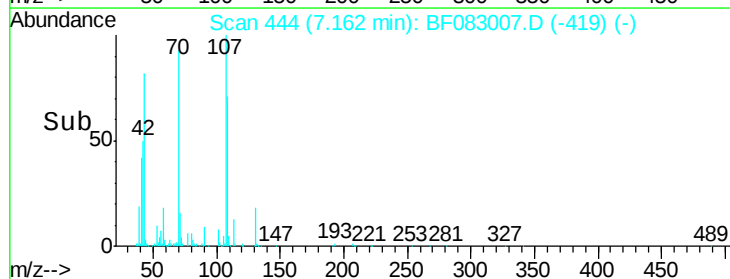
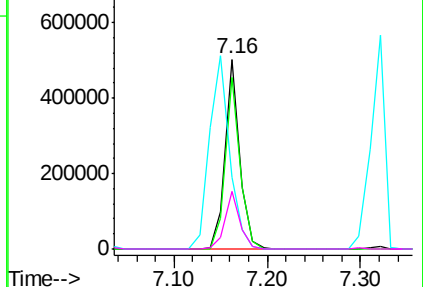


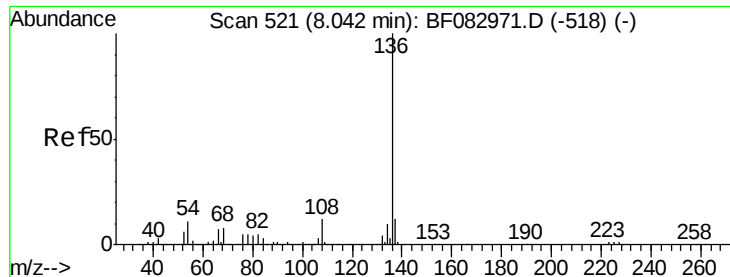
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

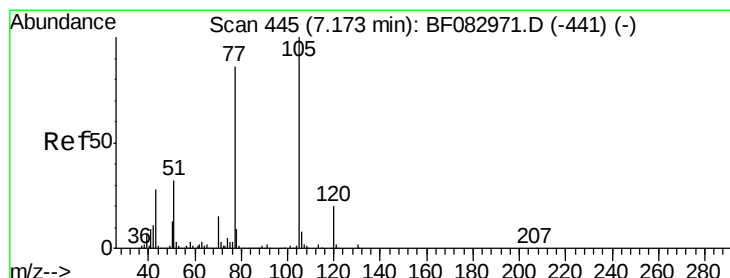
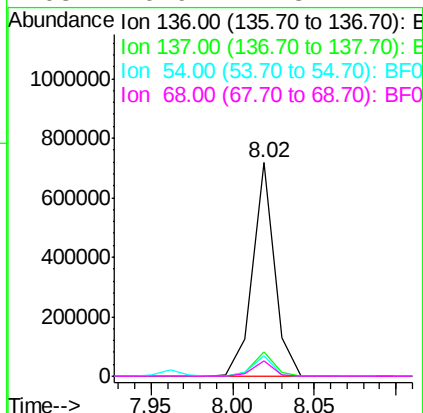
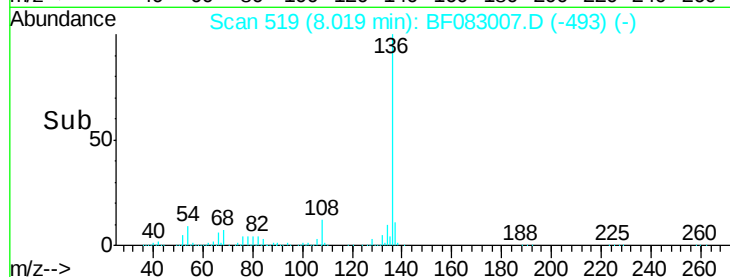
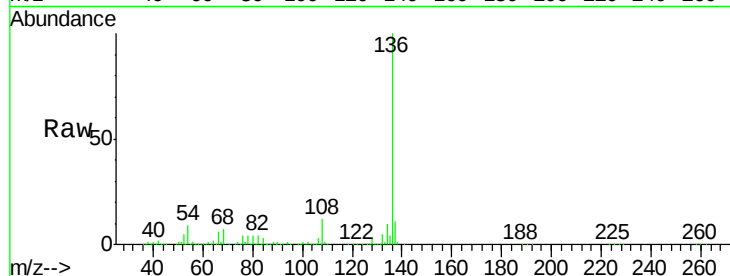




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

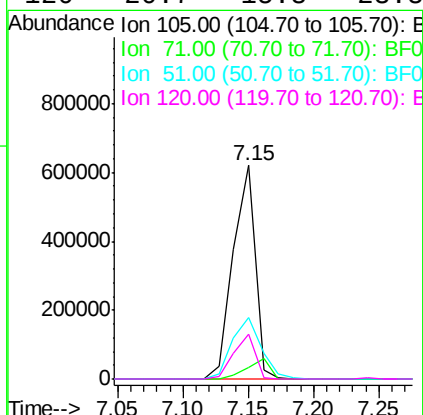
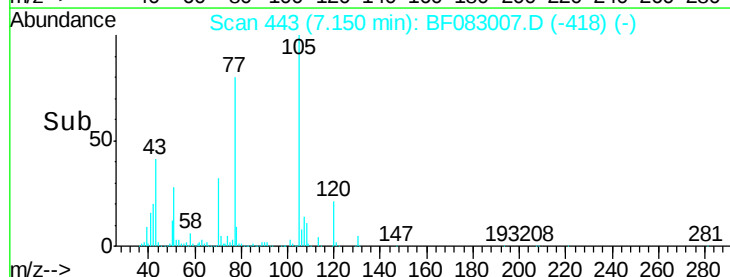
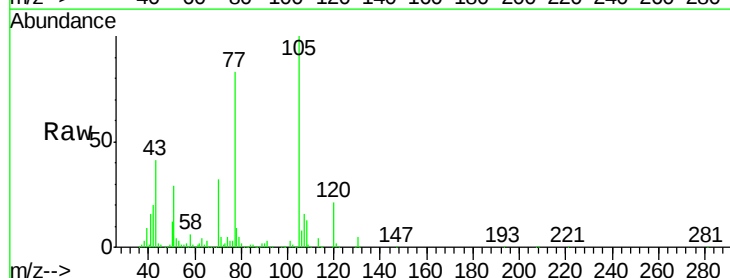
Instrument :
BNA_F
ClientSampled :
PB86660BS

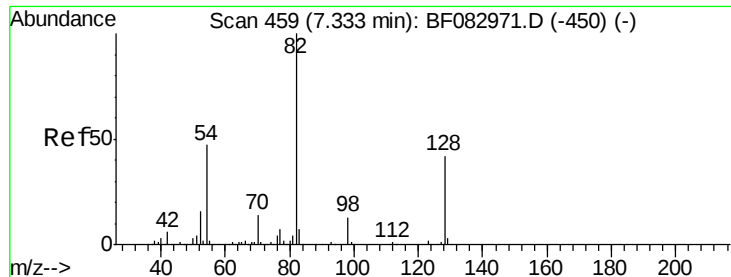
Tot Ion:136	Resp: 669356
Ion Ratio	Lower Upper
136 100	
137 11.4	9.1 13.7
54 9.3	9.1 13.7
68 6.9	4.8 7.2



#22
Acetophenone
Concen: 38.03 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt	Ion:105	Resp:	729321
Ion	Ratio	Lower	Upper
105	100		
71	5.3	5.6	8.4#
51	28.8	24.9	37.3
120	20.7	15.8	23.8

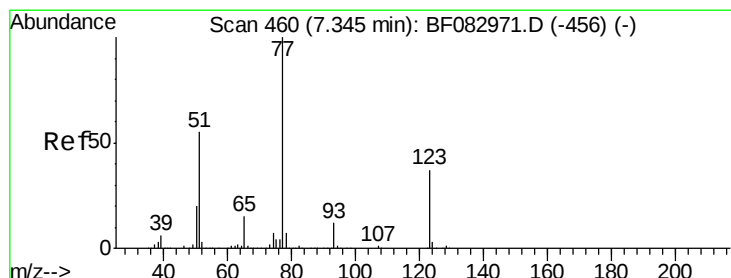
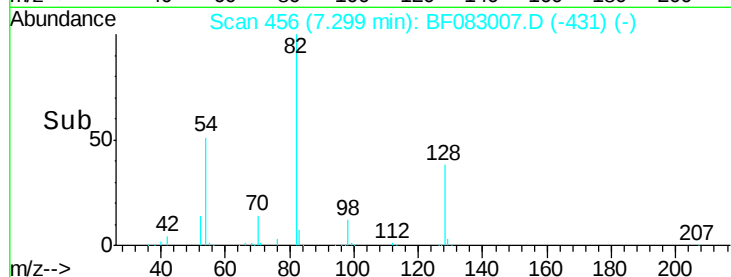
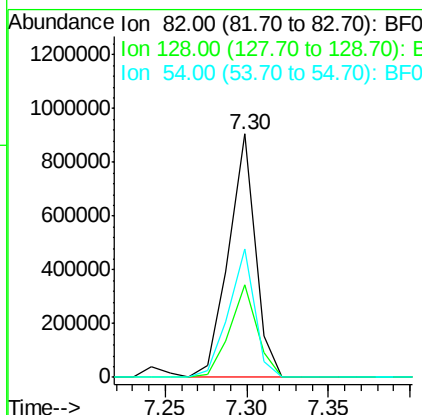
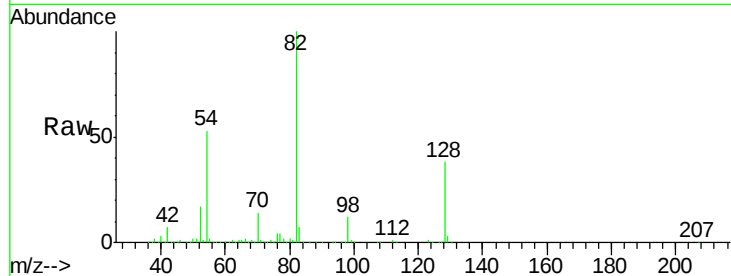




#23
Nitrobenzene-d5
Concen: 66.85 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

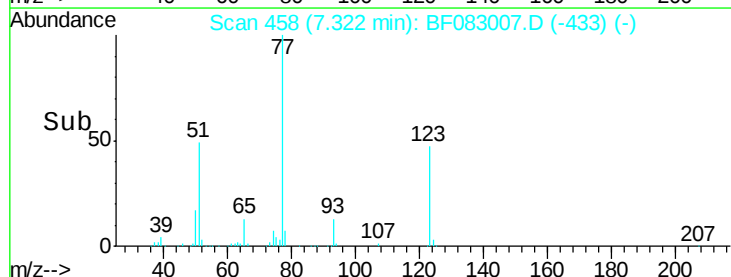
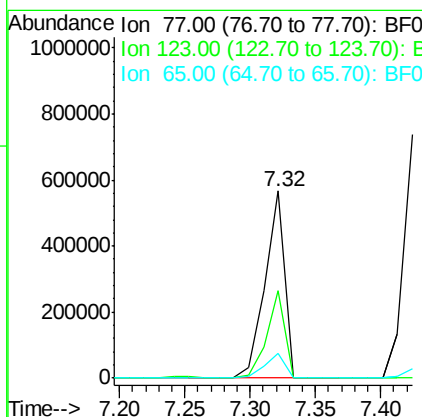
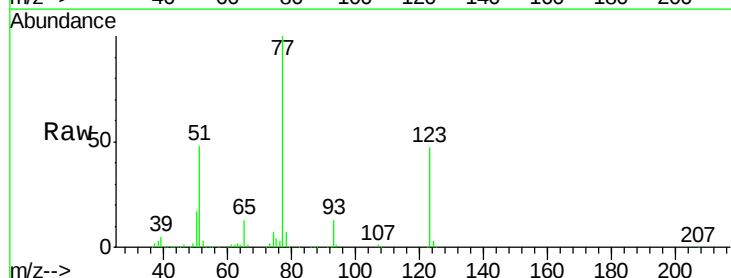
Instrument :
BNA_F
ClientSampleId :
PB86660BS

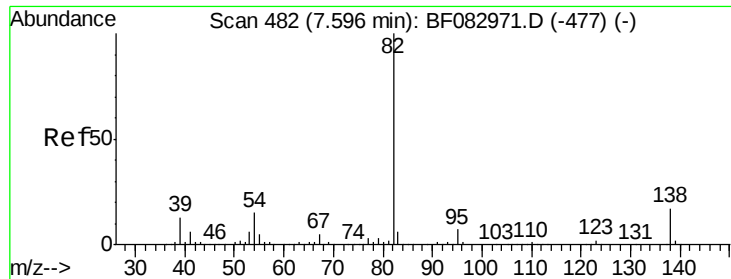
Tot Ion: 82 Resp: 1028432
Ion Ratio Lower Upper
82 100
128 38.0 26.8 40.2
54 52.8 45.7 68.5



#24
Nitrobenzene
Concen: 37.96 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion: 77 Resp: 597156
Ion Ratio Lower Upper
77 100
123 47.1 36.4 54.6
65 13.3 11.5 17.3





#25

Isophorone

Concen: 36.00 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

PB86660BS

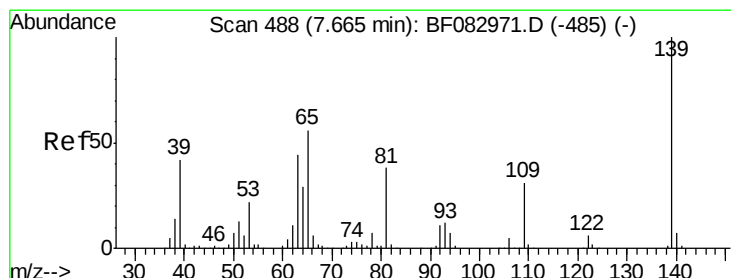
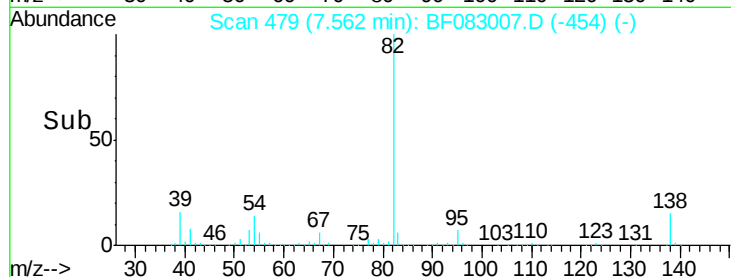
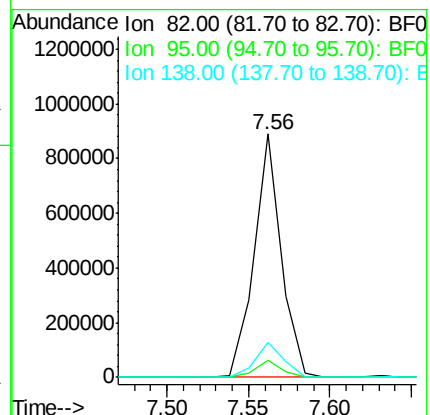
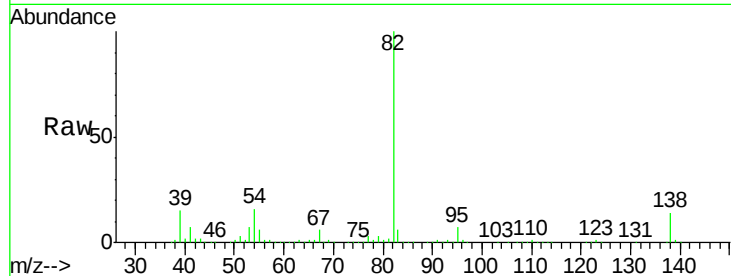
Tot Ion: 82 Resp: 1024755

Ion Ratio Lower Upper

82 100

95 7.0 6.6 9.8

138 14.4 11.4 17.0



#26

2-Nitrophenol

Concen: 40.92 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

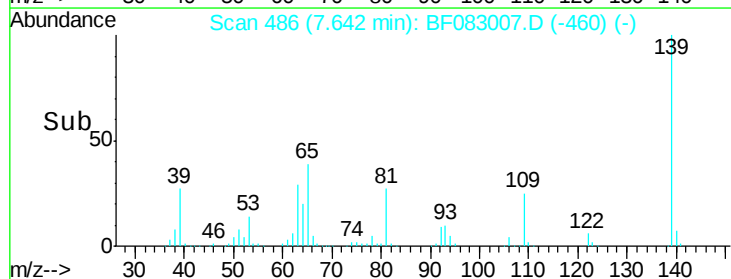
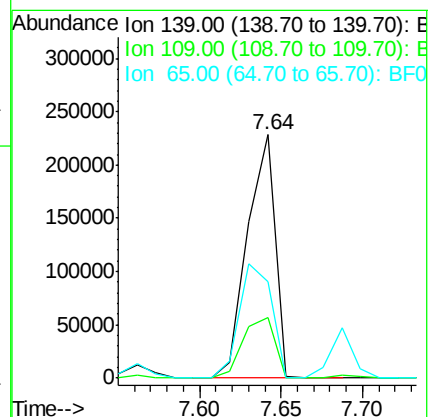
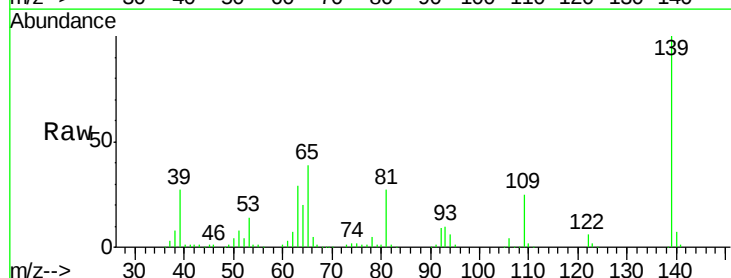
Tgt Ion: 139 Resp: 268715

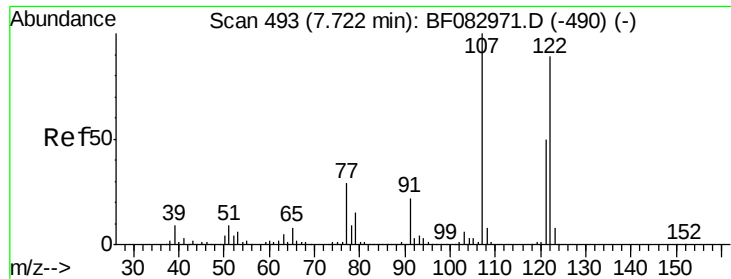
Ion Ratio Lower Upper

139 100

109 24.7 37.6 56.4#

65 39.5 70.6 105.8#





#27

2,4-Dimethylphenol

Concen: 36.65 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

PB86660BS

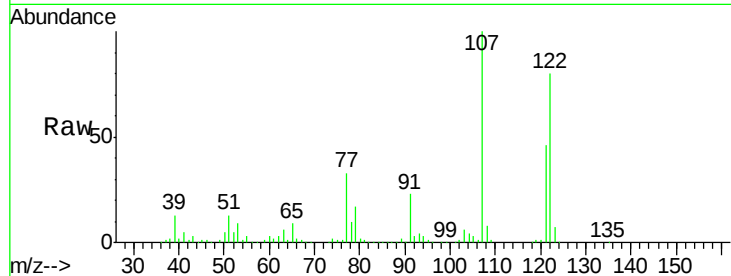
Tot Ion:122 Resp: 432387

Ion Ratio Lower Upper

122 100

107 125.8 106.0 159.0

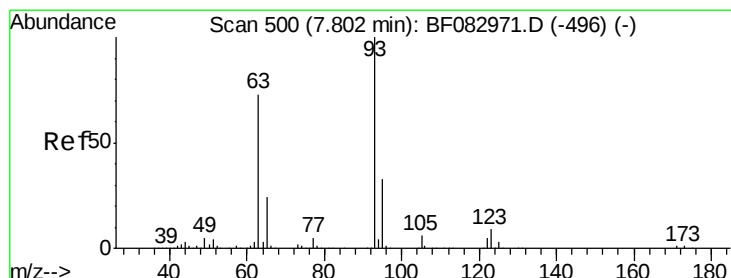
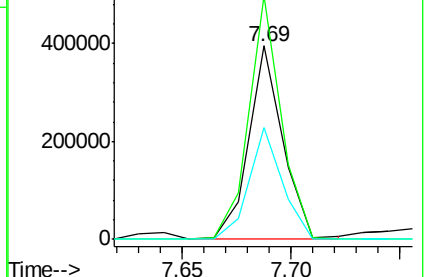
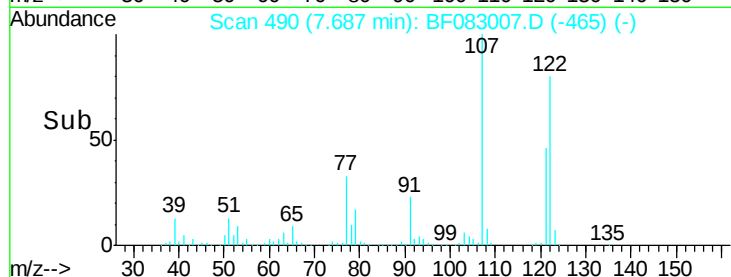
121 57.6 46.7 70.1



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: 38.29 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

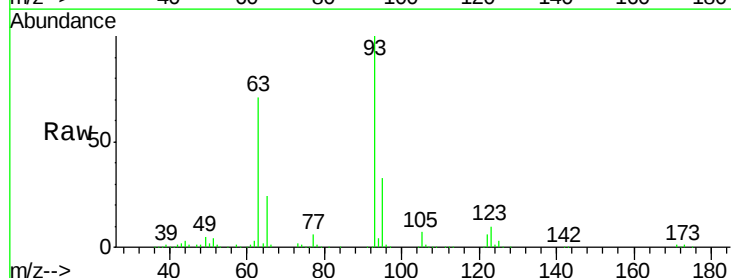
Tgt Ion: 93 Resp: 614698

Ion Ratio Lower Upper

93 100

95 33.0 26.6 40.0

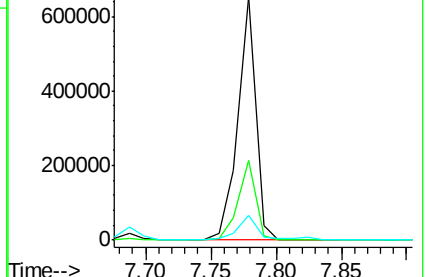
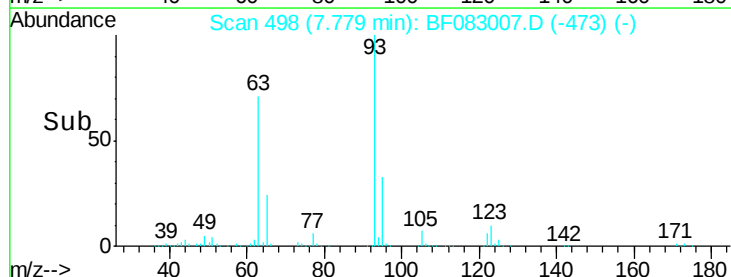
123 10.0 9.7 14.5

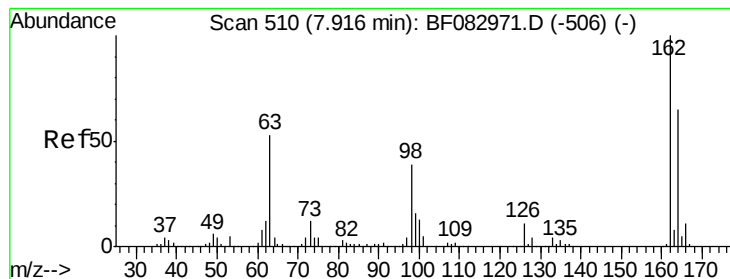


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.16 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

PB86660BS

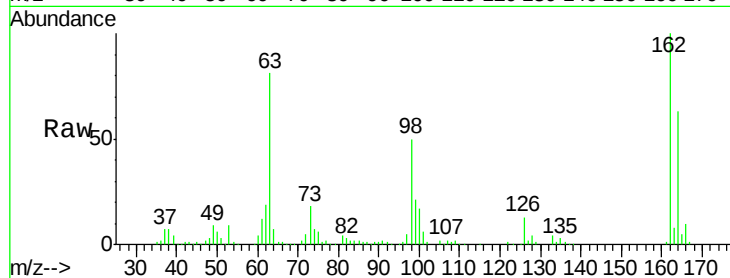
Tot Ion:162 Resp: 428204

Ion Ratio Lower Upper

162 100

164 62.6 46.8 86.8

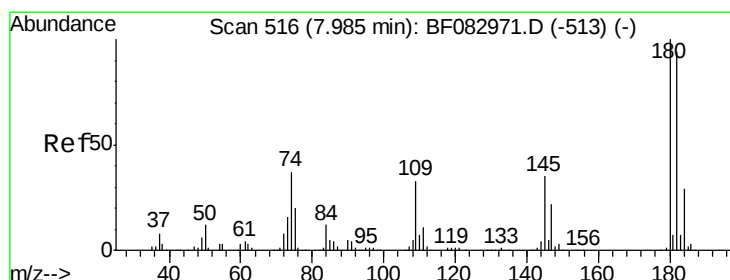
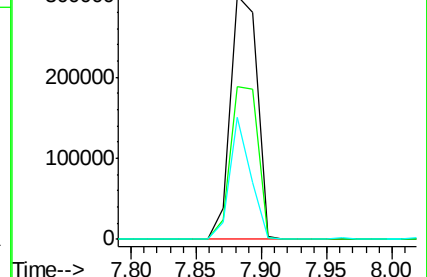
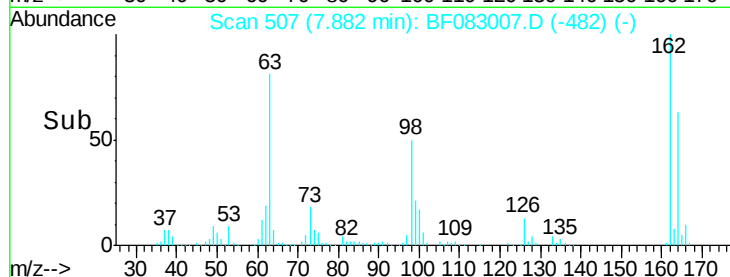
98 50.2 12.5 52.5



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: 36.74 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

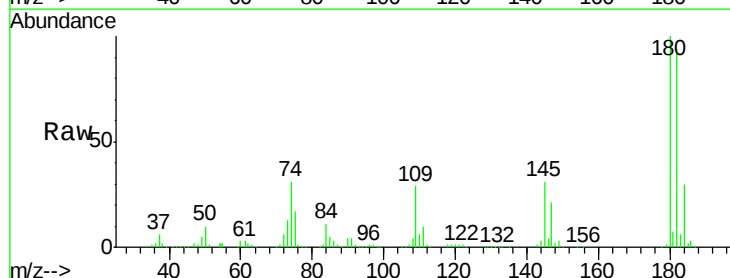
Tgt Ion:180 Resp: 440627

Ion Ratio Lower Upper

180 100

182 93.7 74.9 112.3

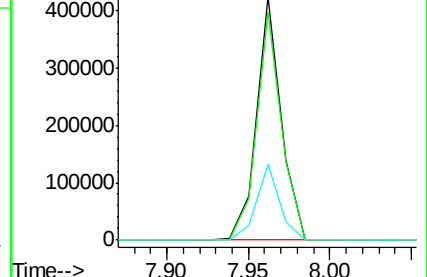
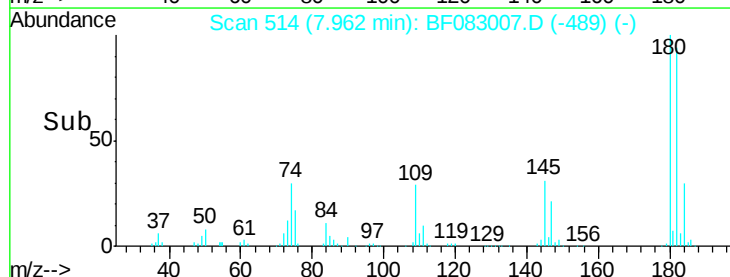
145 31.4 27.8 41.8

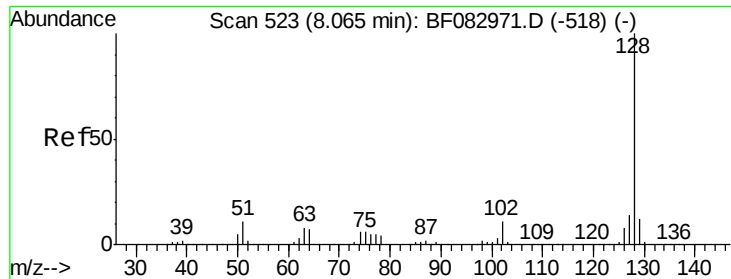


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.17 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

PB86660BS

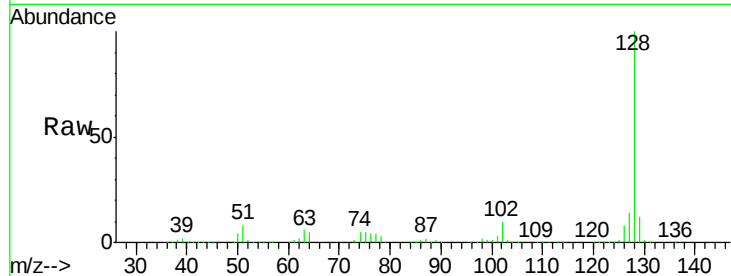
Tot Ion:128 Resp: 1372564

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

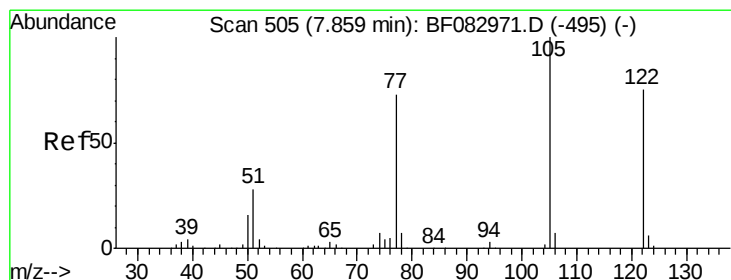
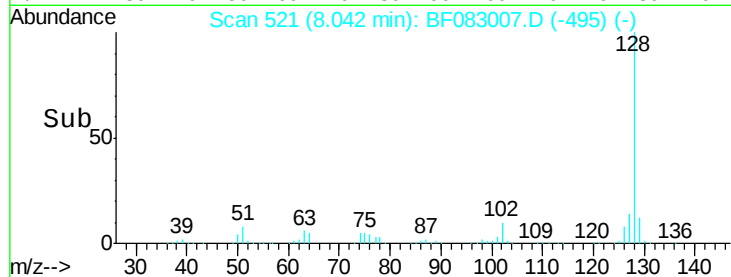
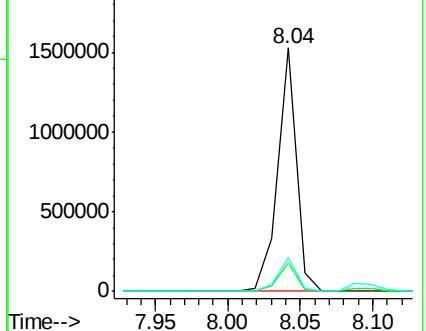
127 13.8 11.4 17.0



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: 35.62 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.03 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

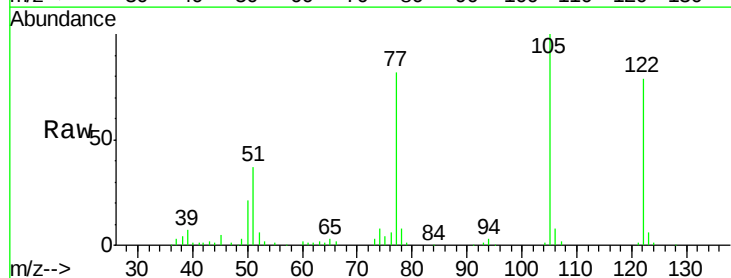
Tgt Ion:122 Resp: 287765

Ion Ratio Lower Upper

122 100

105 125.8 122.6 162.6

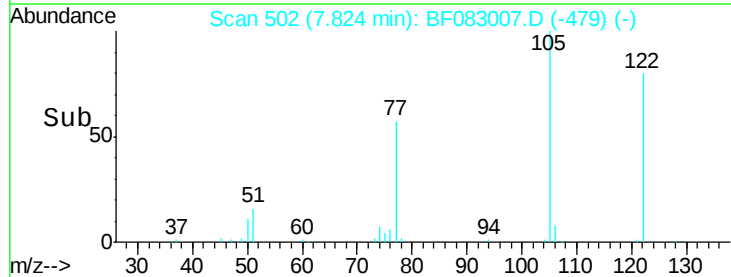
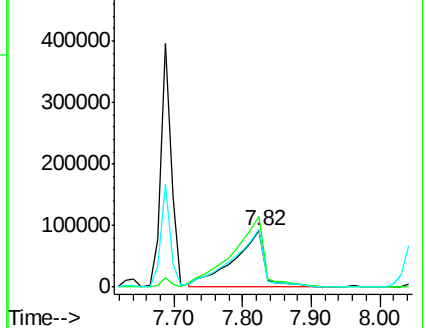
77 103.2 100.9 140.9

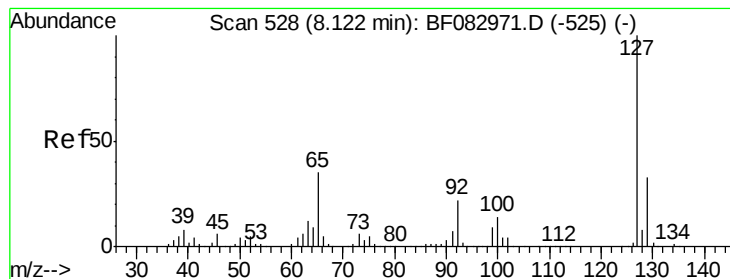


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 5.33 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

PB86660BS

Tot Ion:127 Resp: 84785

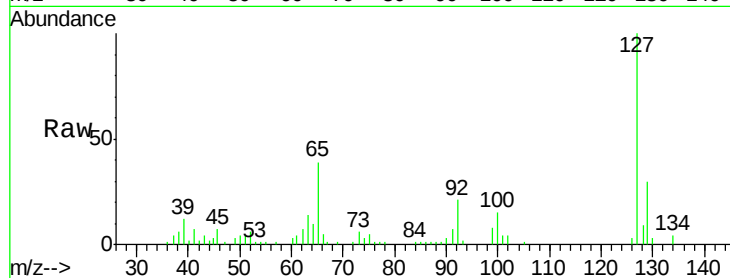
Ion Ratio Lower Upper

127 100

129 29.9 26.3 39.5

65 39.3 37.8 56.8

92 21.2 20.6 31.0

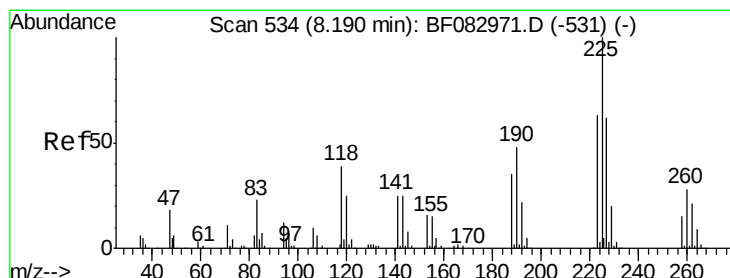
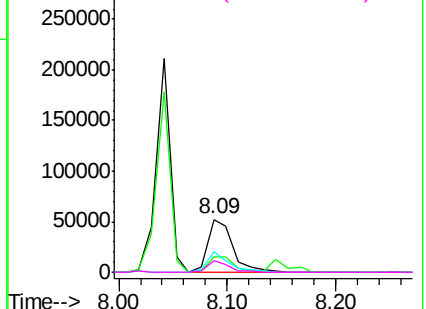
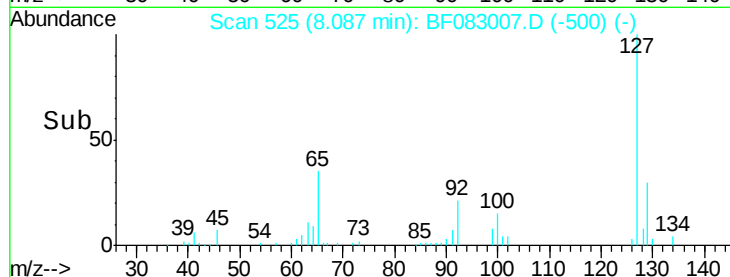


Abundance Ion 127.00 (126.70 to 127.70): E

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: 33.66 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

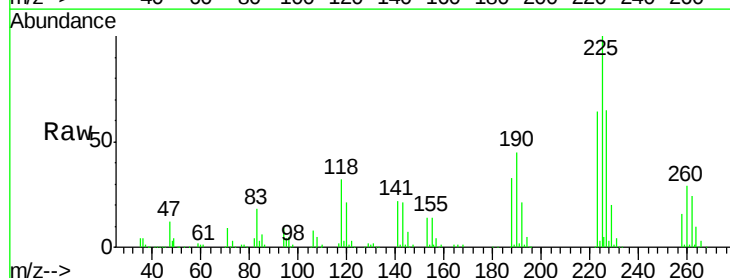
Tgt Ion:225 Resp: 252573

Ion Ratio Lower Upper

225 100

223 63.9 50.5 75.7

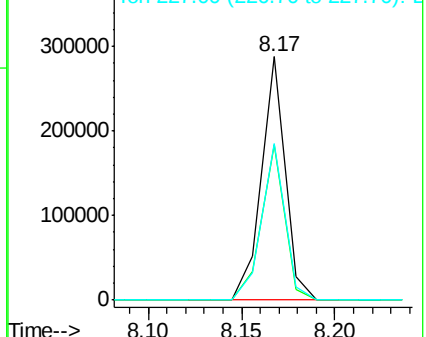
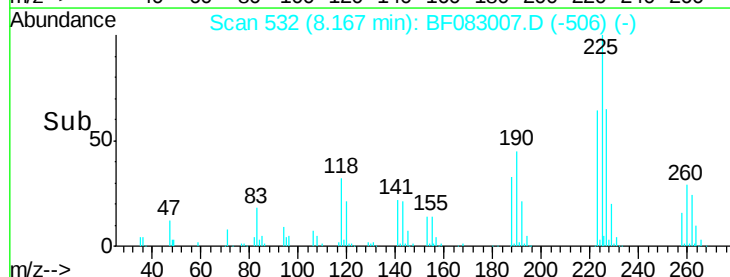
227 64.6 50.2 75.2

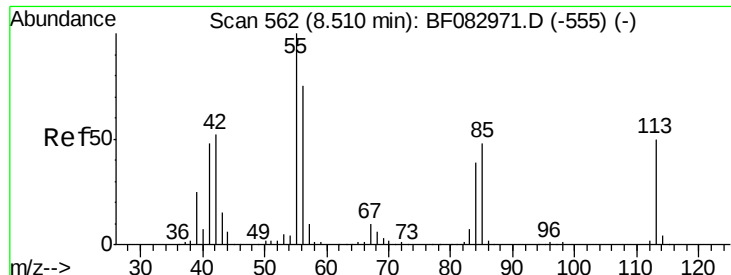


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

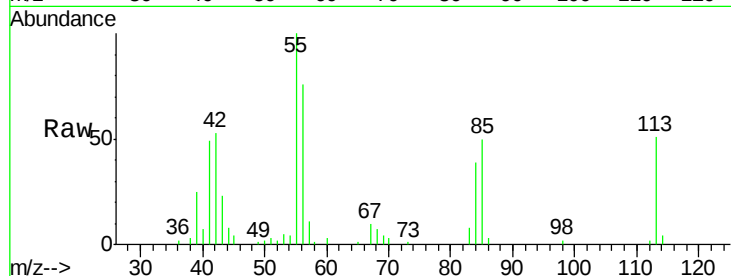




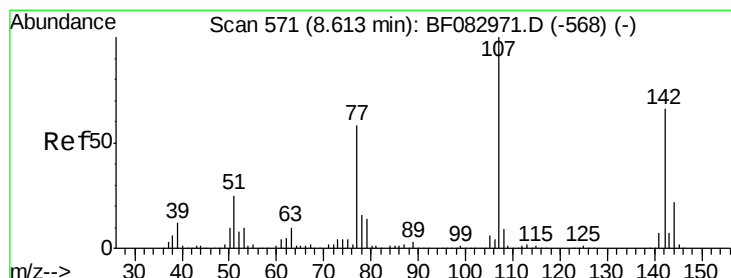
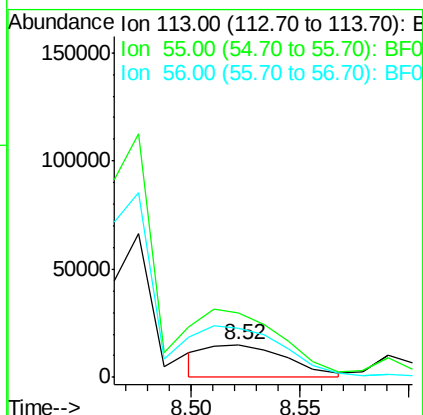
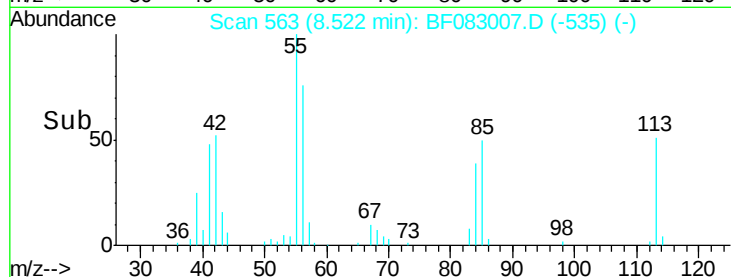
#35
 Caprolactam
 Concen: 11.63 ng
 RT: 8.52 min Scan# 563
 Delta R.T. 0.02 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

Tot Ion:113 Resp: 39083
 Ion Ratio Lower Upper
 113 100
 55 194.6 195.5 235.5#
 56 148.8 153.5 193.5#

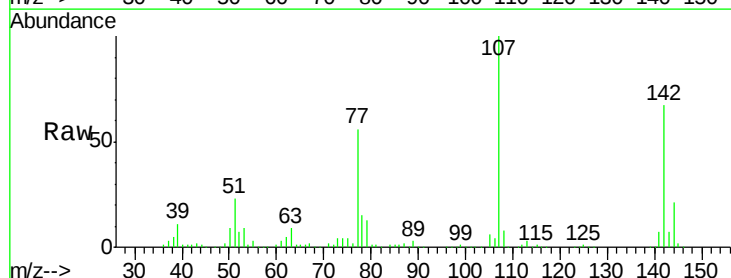


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

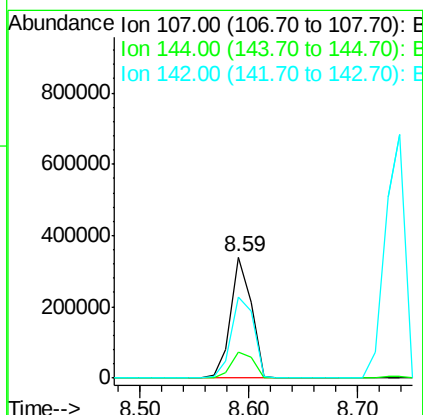
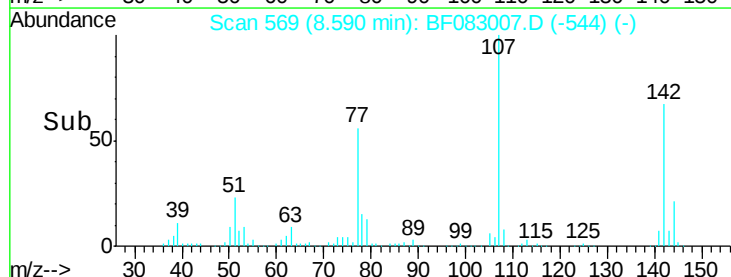


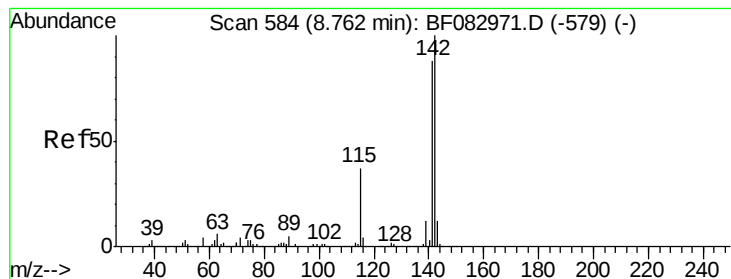
#36
 4-Chloro-3-methylphenol
 Concen: 35.30 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Tgt Ion:107 Resp: 442695
 Ion Ratio Lower Upper
 107 100
 144 21.3 15.4 23.0
 142 67.3 47.8 71.8



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





#37

2-Methylnaphthalene

Concen: 30.06 ng

RT: 8.83 min Scan# 590

Delta R.T. 0.09 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

PB86660BS

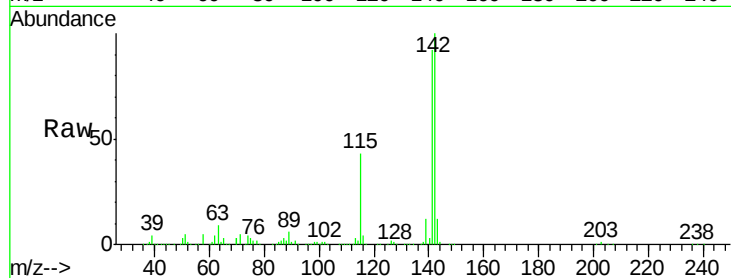
Tot Ion:142 Resp: 718174

Ion Ratio Lower Upper

142 100

141 91.9 72.3 108.5

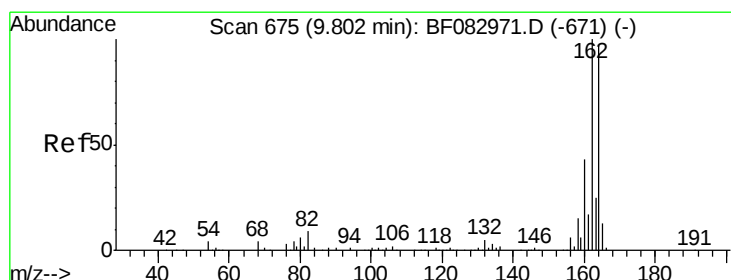
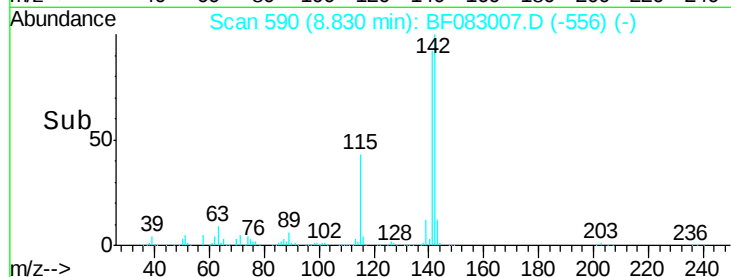
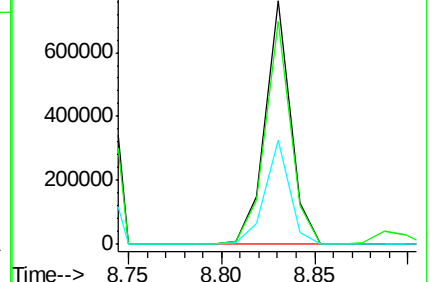
115 42.5 38.1 57.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

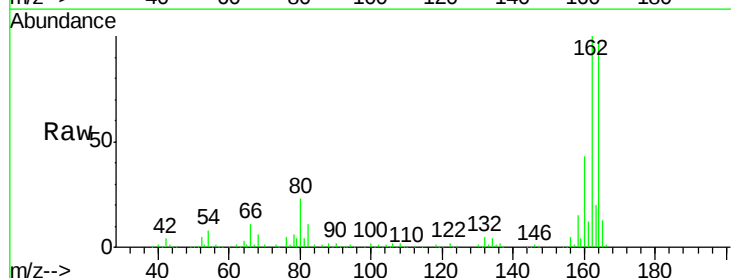
Tgt Ion:164 Resp: 289977

Ion Ratio Lower Upper

164 100

162 103.2 84.9 127.3

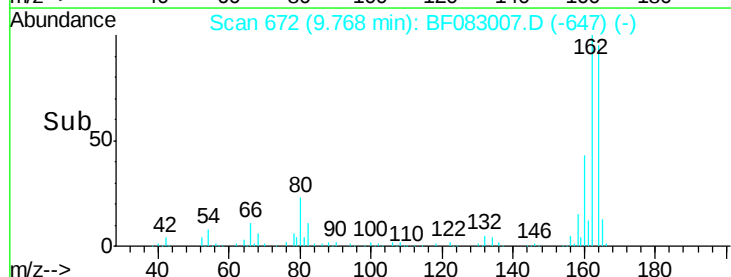
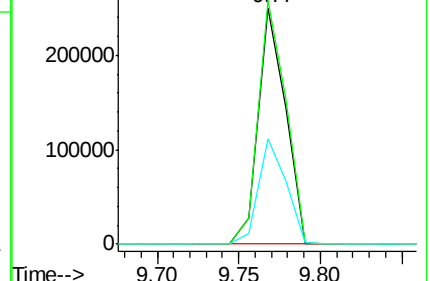
160 44.5 37.5 56.3

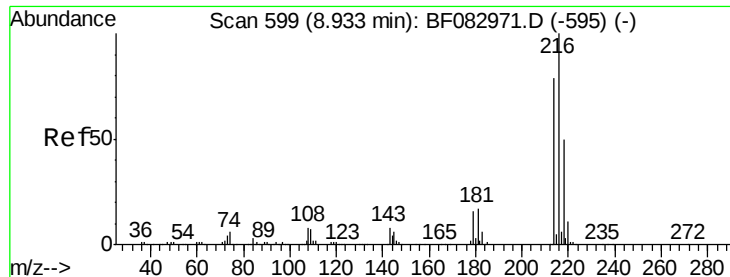


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

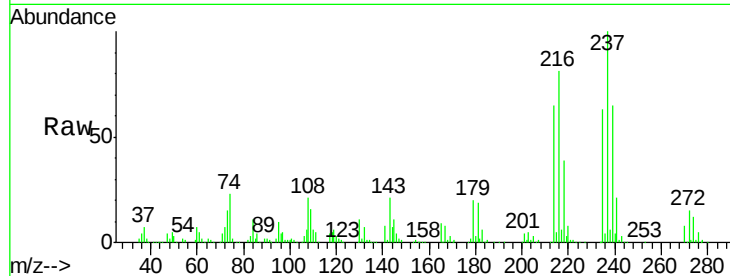




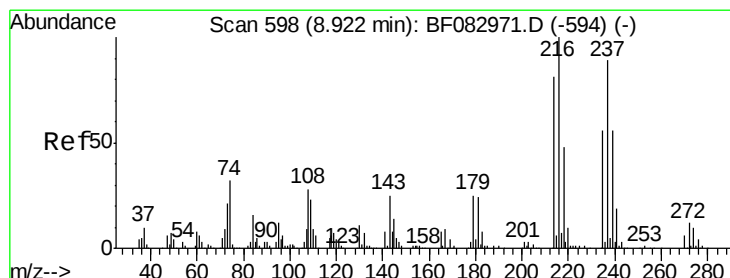
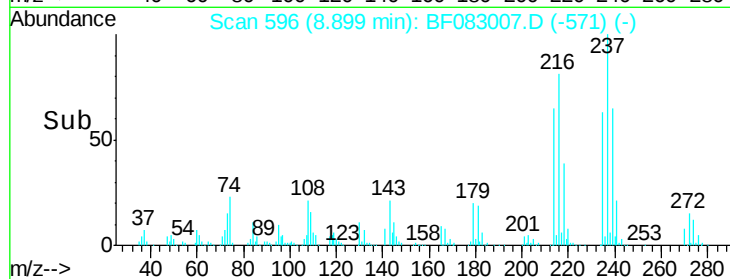
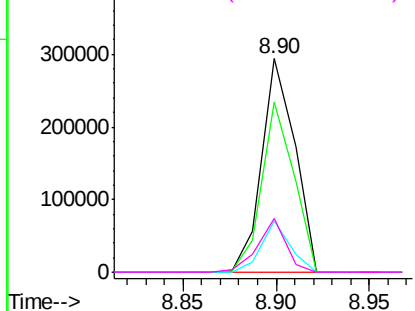
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.85 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Instrument :
 BNA_F
 ClientSampled :
 PB86660BS

Tot Ion:216	Resp:	360671
Ion Ratio	Lower	Upper
216	100	
214	77.3	62.2 93.2
179	21.2	18.1 27.1
108	21.5	16.6 25.0

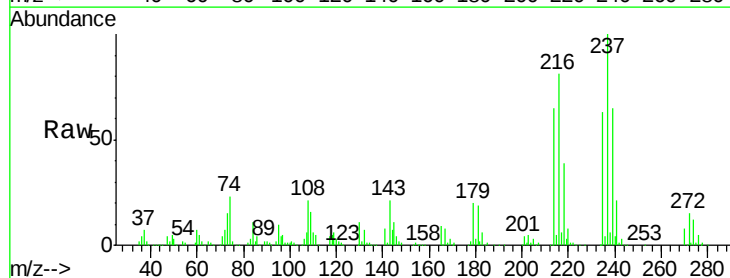


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

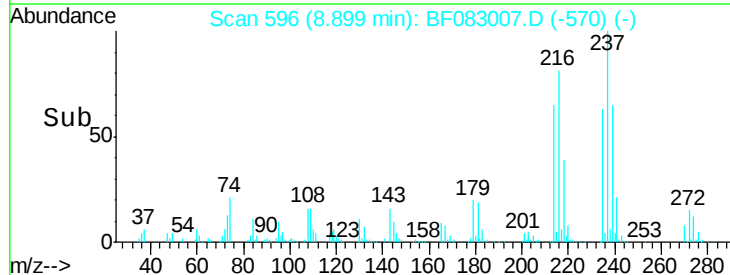
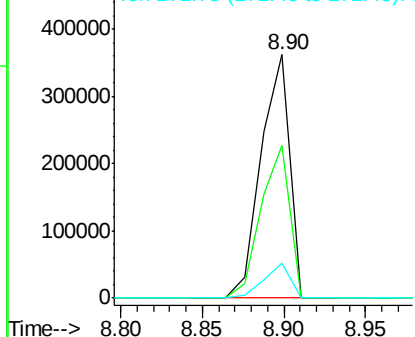


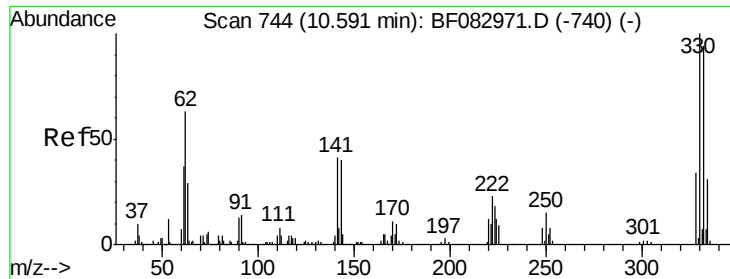
#40
 Hexachlorocyclopentadiene
 Concen: 86.09 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Tgt Ion:237	Resp:	440740
Ion Ratio	Lower	Upper
237	100	
235	62.6	44.3 84.3
272	14.6	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

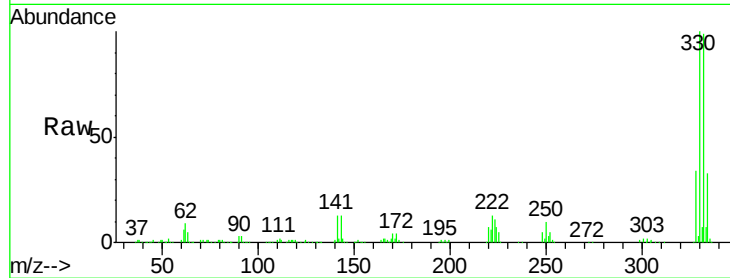




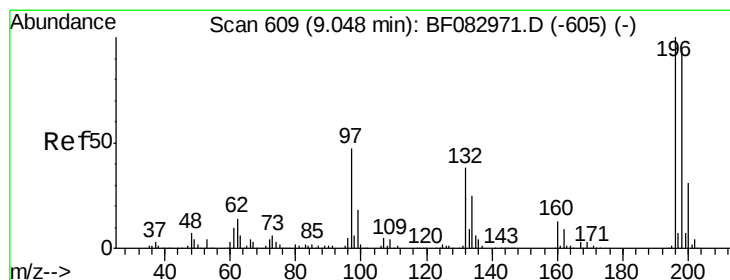
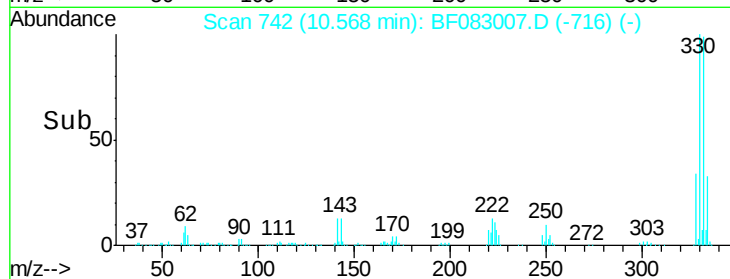
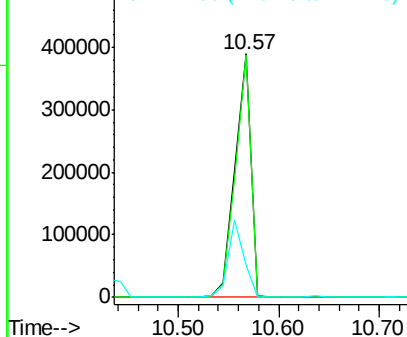
#41
 2,4,6-Tribromophenol
 Concen: 128.70 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

Tot Ion:330 Resp: 427906
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 31.5 41.2 61.8#

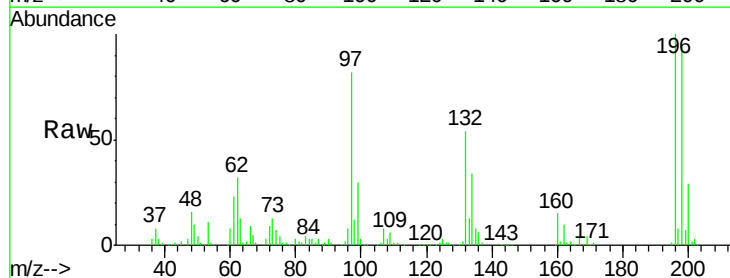


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

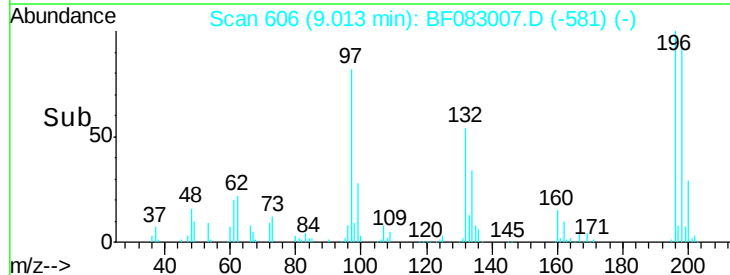
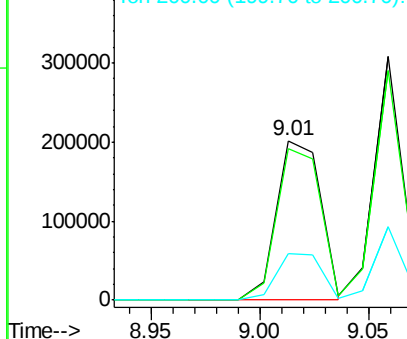


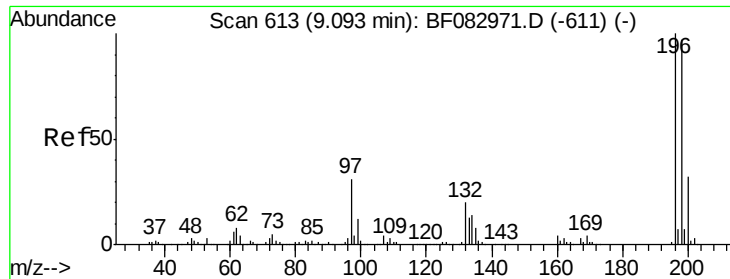
#42
 2,4,6-Trichlorophenol
 Concen: 40.19 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Tgt Ion:196 Resp: 285886
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.3 114.5
 200 29.1 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

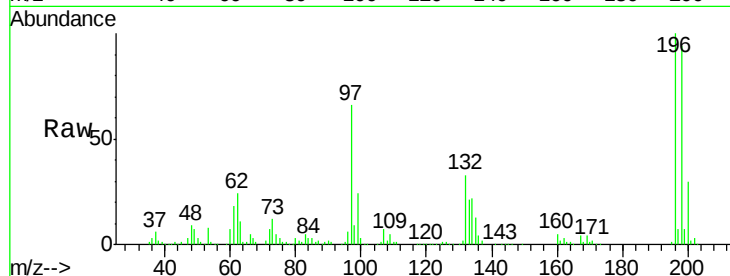




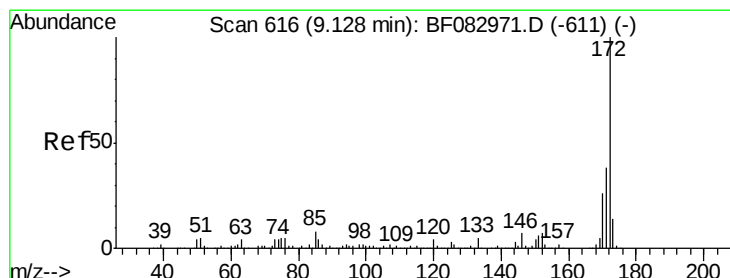
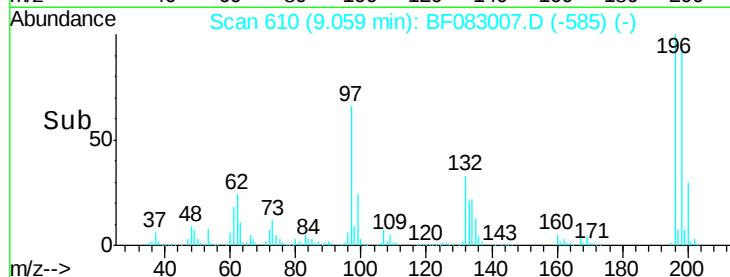
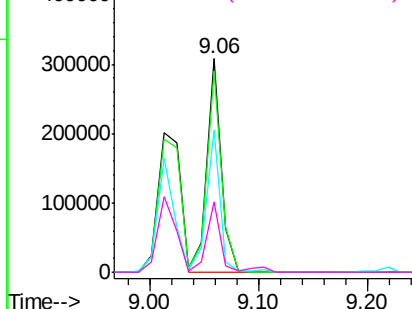
#43
 2,4,5-Trichlorophenol
 Concen: 40.73 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

Tot Ion:196	Resp:	286511
Ion Ratio	Lower	Upper
196	100	
198	94.3	75.8 113.8
97	66.4	62.3 93.5
132	32.7	27.4 41.2

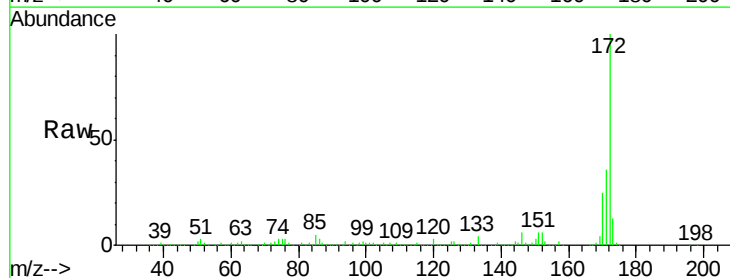


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

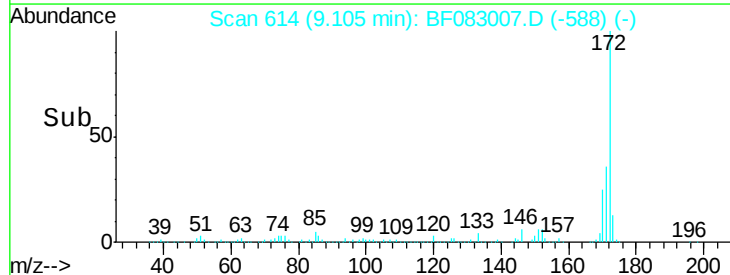
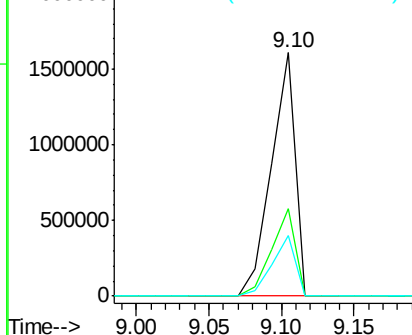


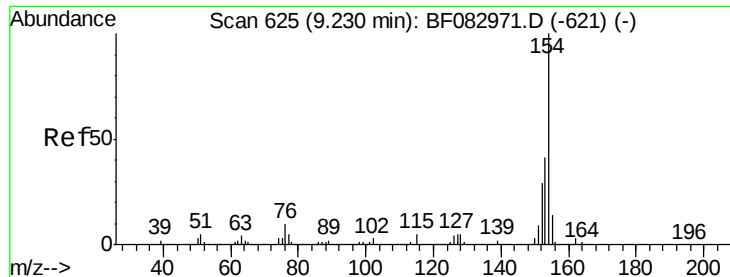
#44
 2-Fluorobiphenyl
 Concen: 90.59 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Tgt Ion:172	Resp:	1832945
Ion Ratio	Lower	Upper
172	100	
171	36.0	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

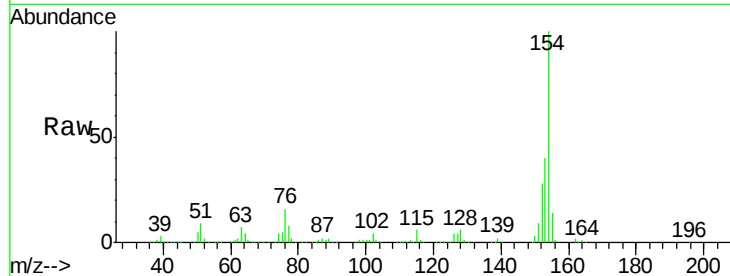




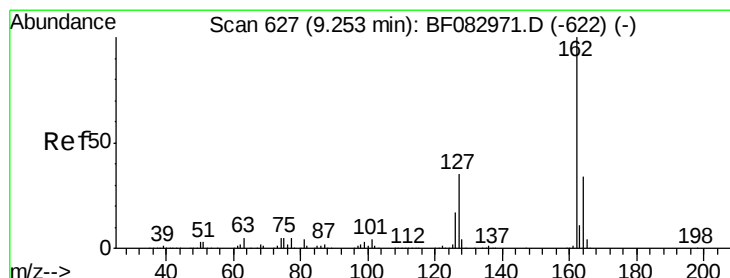
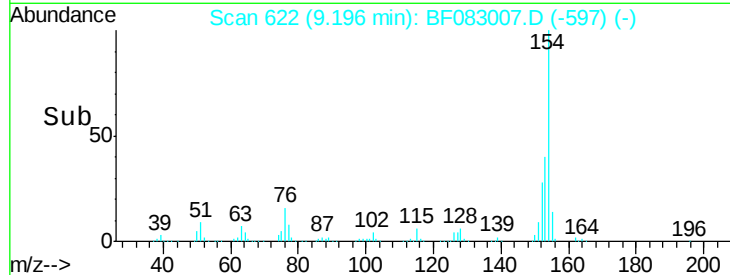
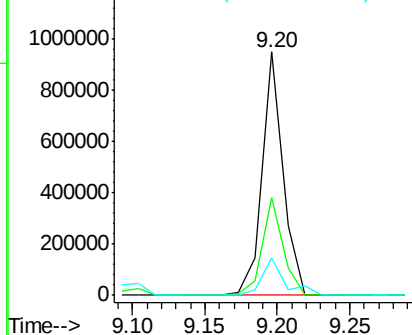
#45
 1,1'-Biphenyl
 Concen: 37.97 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

Tot Ion:154 Resp: 944889
 Ion Ratio Lower Upper
 154 100
 153 40.2 22.0 62.0
 76 15.7 0.0 29.0

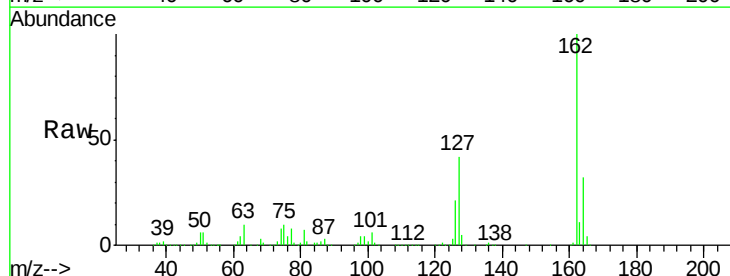


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

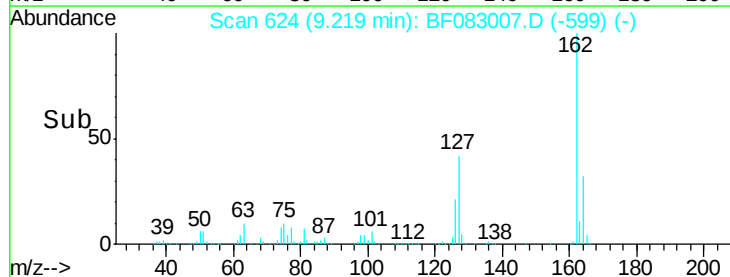
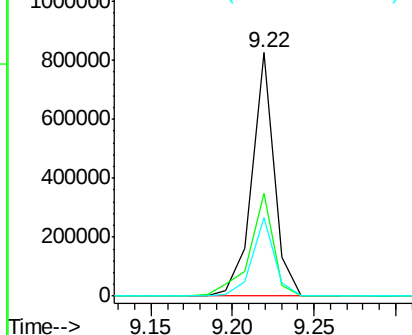


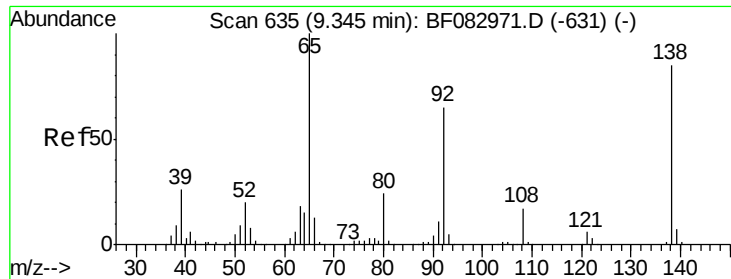
#46
 2-Chloronaphthalene
 Concen: 40.10 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Tgt Ion:162 Resp: 778387
 Ion Ratio Lower Upper
 162 100
 127 42.4 32.7 49.1
 164 32.3 27.4 41.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

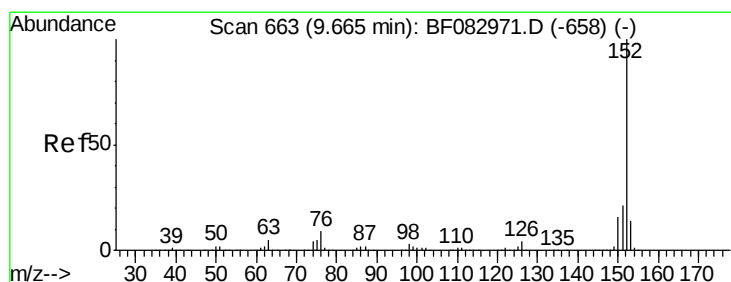
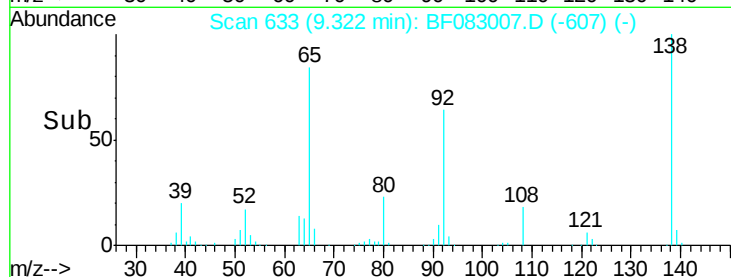
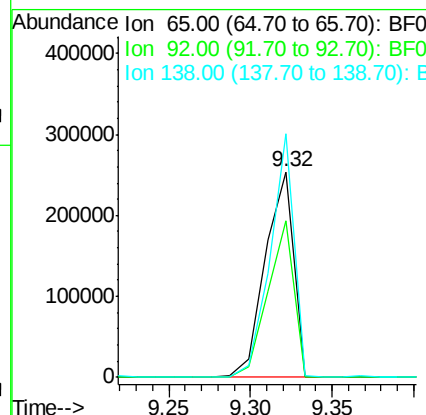
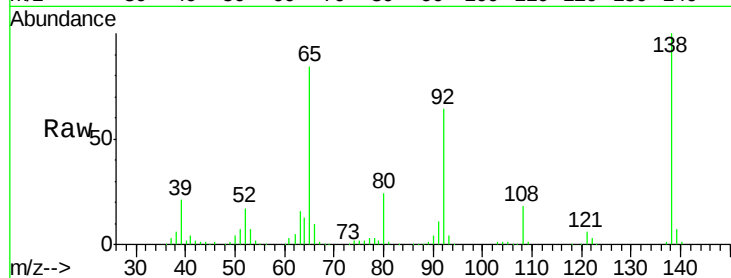




#47
2-Nitroaniline
Concen: 42.75 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

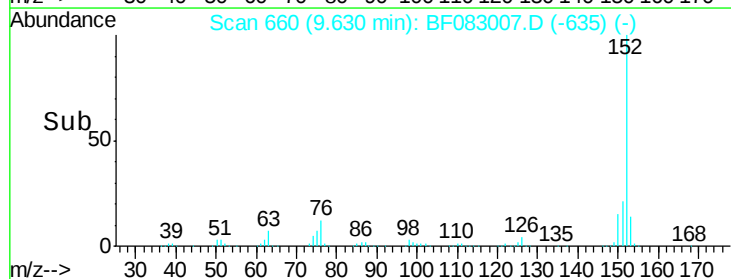
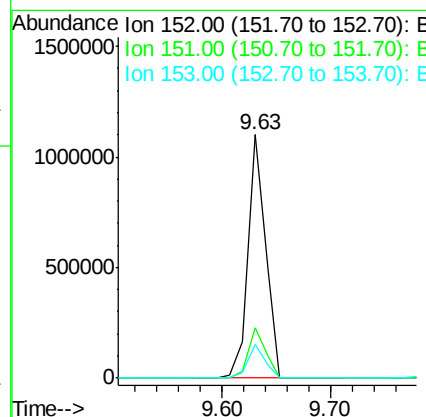
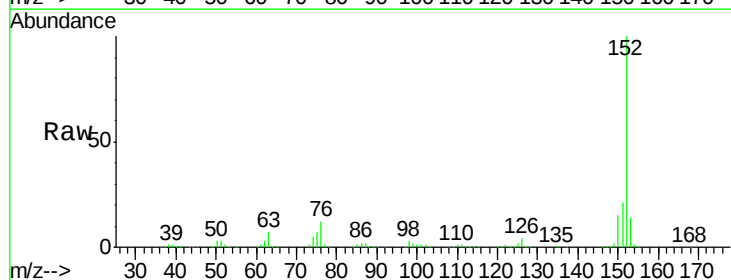
Instrument :
BNA_F
ClientSampleId :
PB86660BS

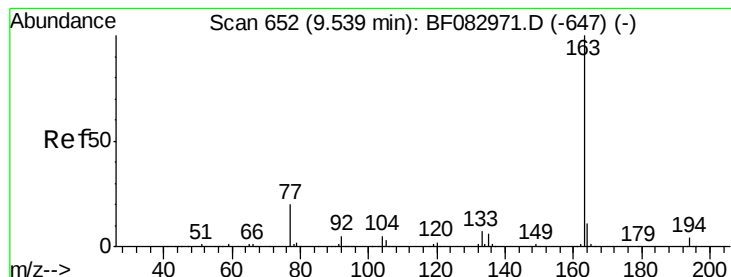
Tot Ion: 65 Resp: 307784
Ion Ratio Lower Upper
65 100
92 76.3 46.6 70.0#
138 118.4 54.6 81.8#



#48
Acenaphthylene
Concen: 40.14 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion: 152 Resp: 1220932
Ion Ratio Lower Upper
152 100
151 20.5 17.3 25.9
153 13.8 11.3 16.9





#49

Dimethylphthalate

Concen: 37.56 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

PB86660BS

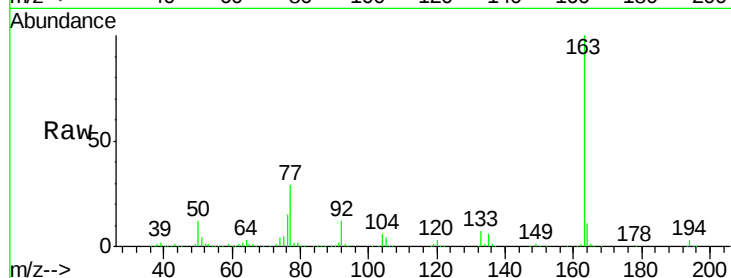
Tot Ion:163 Resp: 892259

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

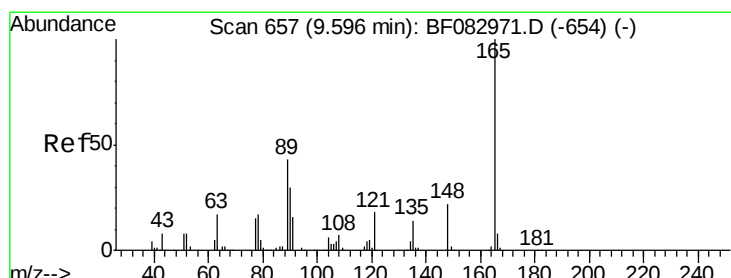
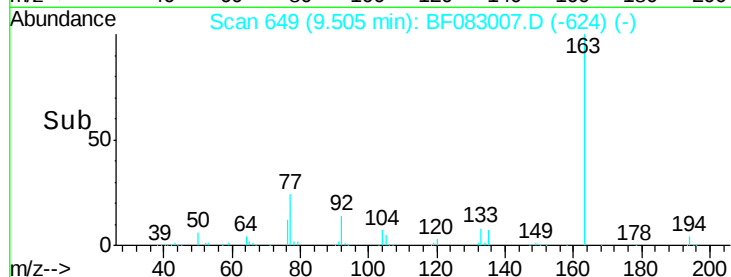
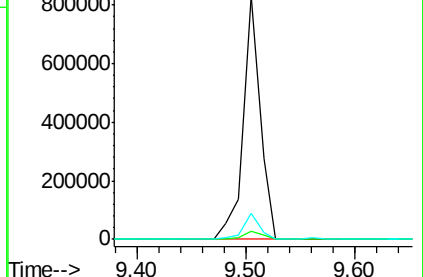
164 10.9 8.7 13.1



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: 41.14 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

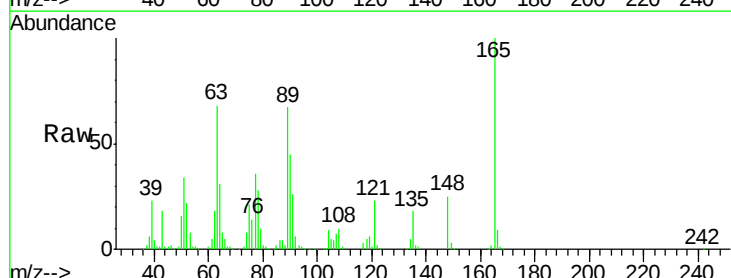
Tgt Ion:165 Resp: 208549

Ion Ratio Lower Upper

165 100

63 67.7 55.5 83.3

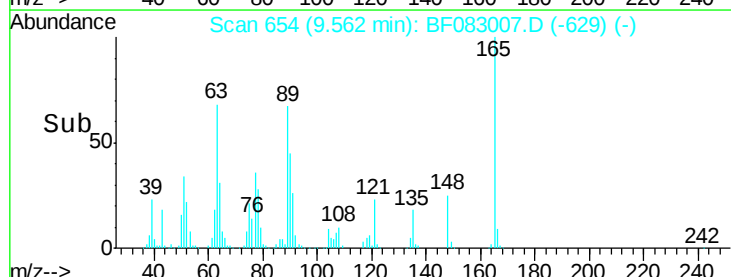
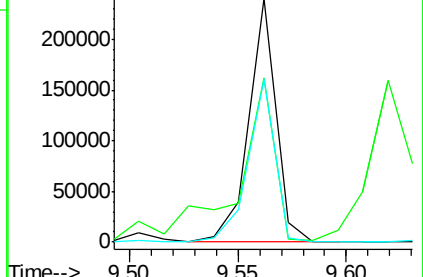
89 67.1 55.0 82.6

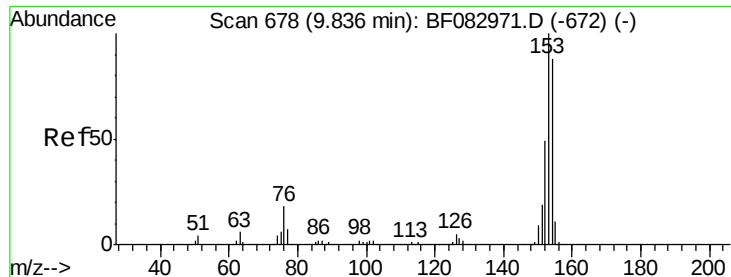


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.83 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

PB86660BS

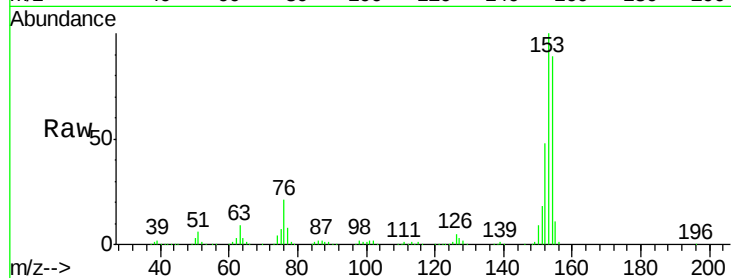
Tot Ion:154 Resp: 864241

Ion Ratio Lower Upper

154 100

153 112.8 90.1 135.1

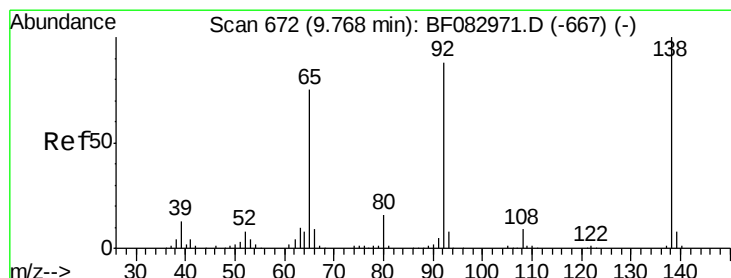
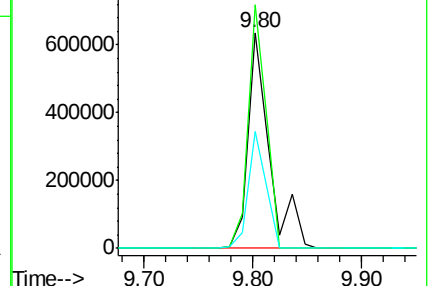
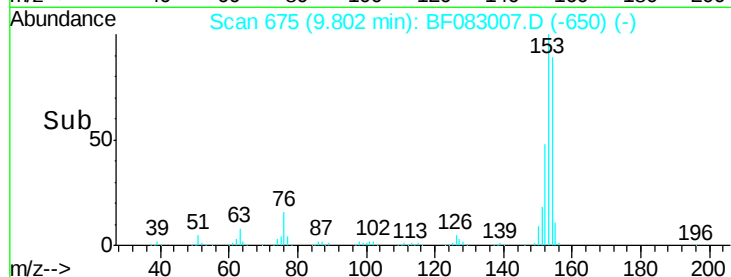
152 54.1 44.3 66.5



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: 7.28 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

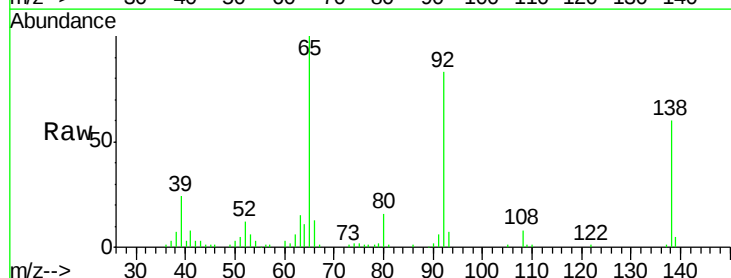
Tgt Ion:138 Resp: 40609

Ion Ratio Lower Upper

138 100

108 12.8 11.3 16.9

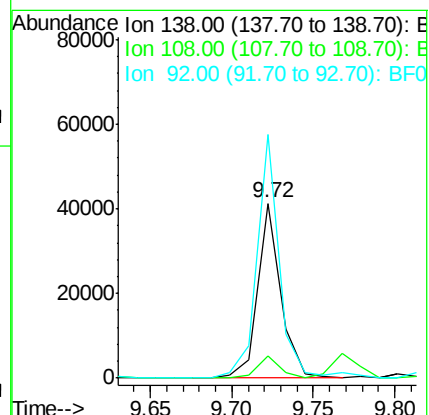
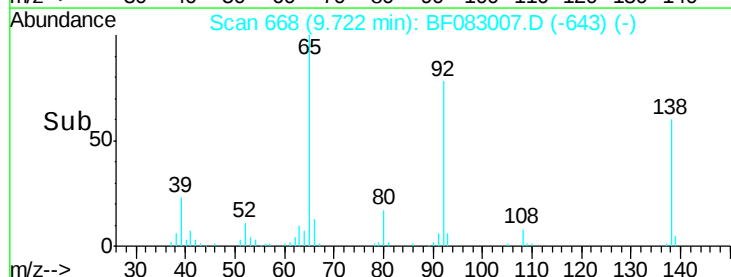
92 139.4 122.4 183.6

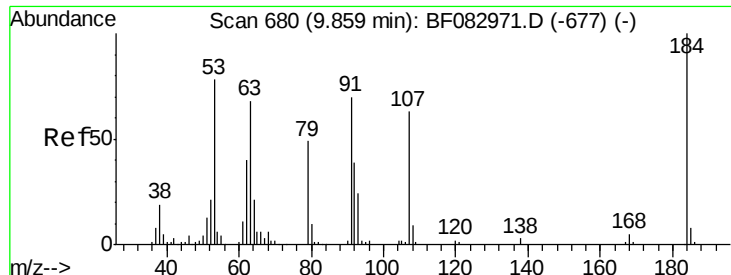


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

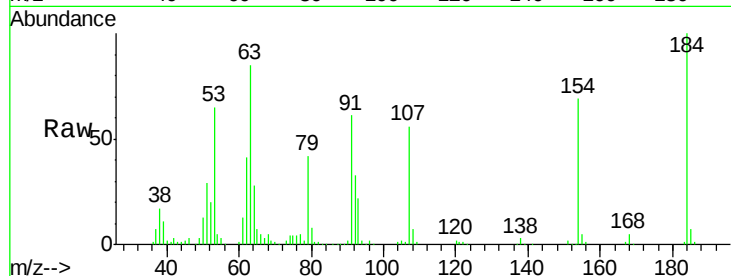




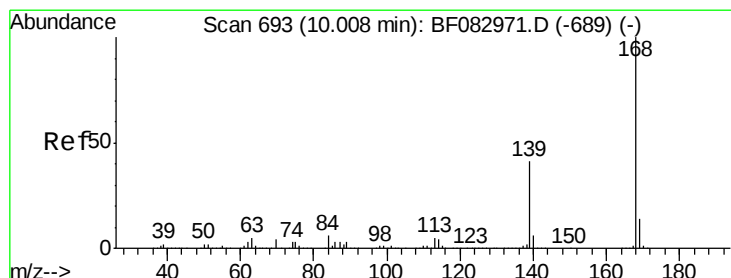
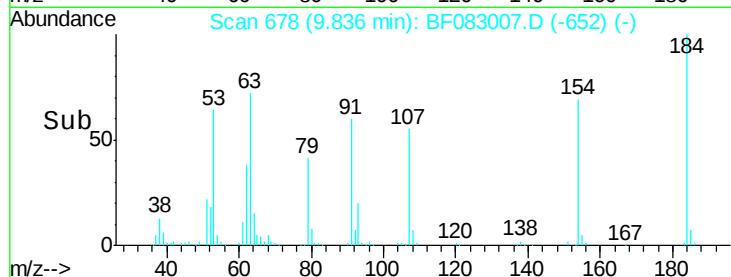
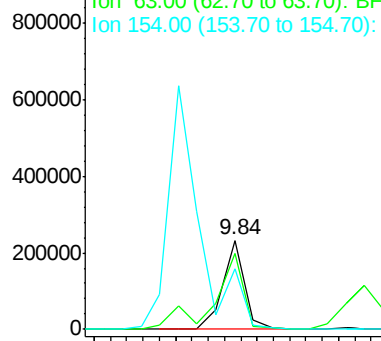
#53
 2,4-Dinitrophenol
 Concen: 78.12 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

Tot Ion:184 Resp: 217424
 Ion Ratio Lower Upper
 184 100
 63 85.1 98.6 148.0#
 154 68.6 183.9 275.9#

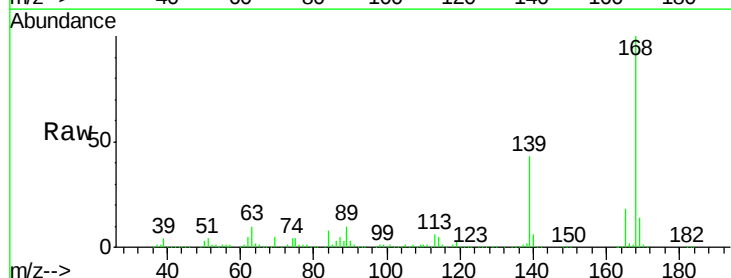


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

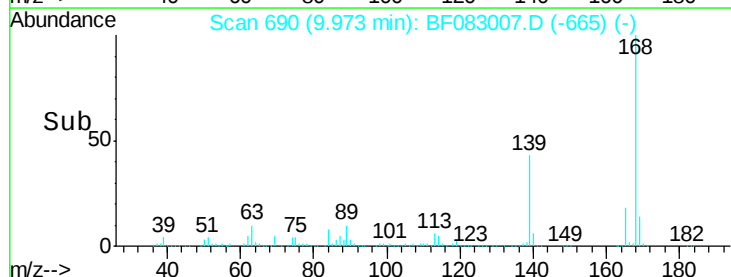
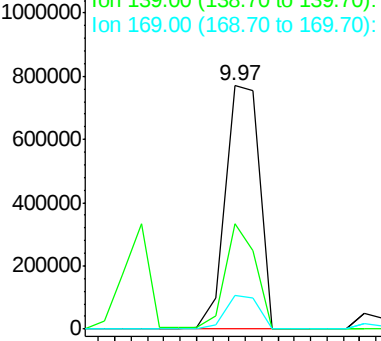


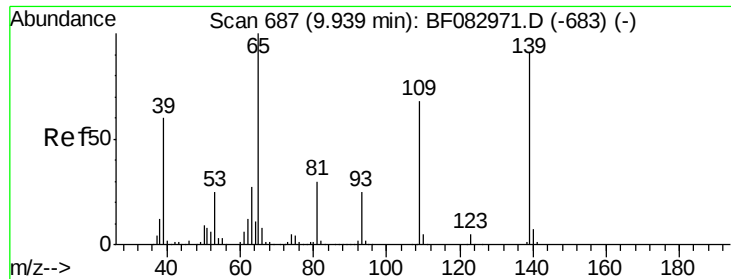
#54
 Dibenzofuran
 Concen: 43.06 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Tgt Ion:168 Resp: 1119173
 Ion Ratio Lower Upper
 168 100
 139 43.0 37.8 56.6
 169 14.0 11.3 16.9



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





#55

4-Nitrophenol

Concen: 86.31 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

PB86660BS

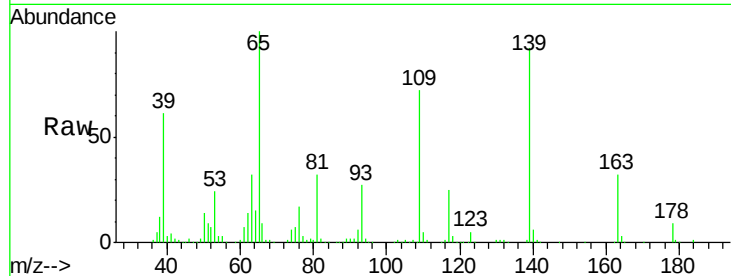
Tot Ion:139 Resp: 369162

Ion Ratio Lower Upper

139 100

109 78.2 73.7 113.7

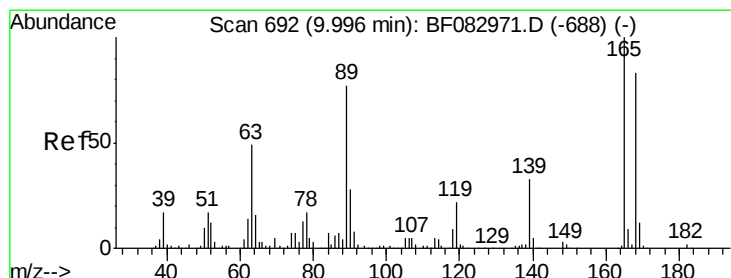
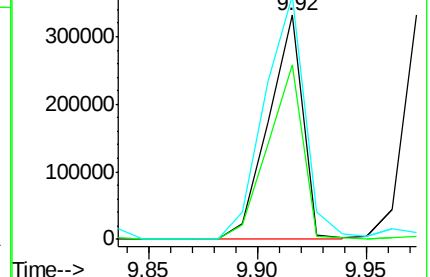
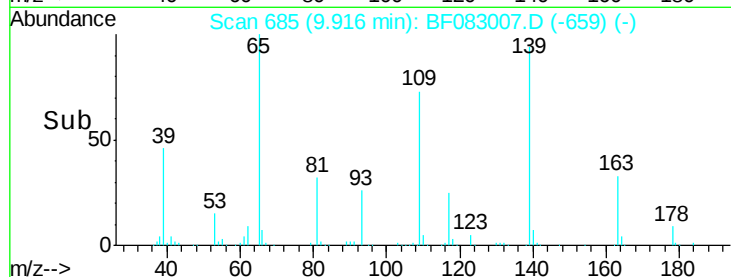
65 108.7 82.9 122.9



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: 40.30 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Tgt Ion:165 Resp: 277189

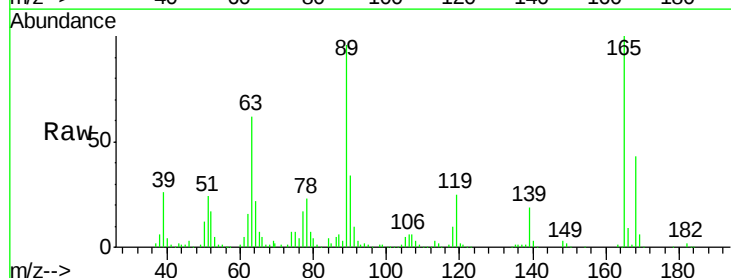
Ion Ratio Lower Upper

165 100

63 62.0 43.4 65.0

89 96.4 70.6 106.0

182 2.2 1.5 2.3

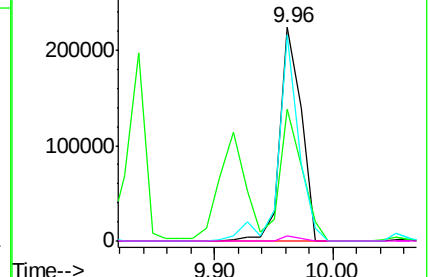
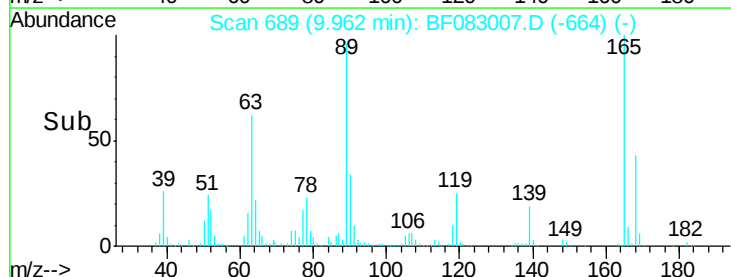


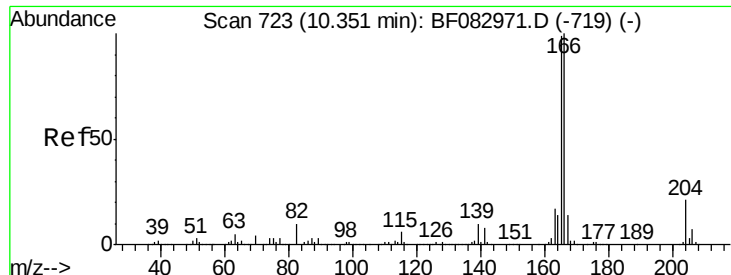
Abundance Ion 165.00 (164.70 to 165.70): E

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

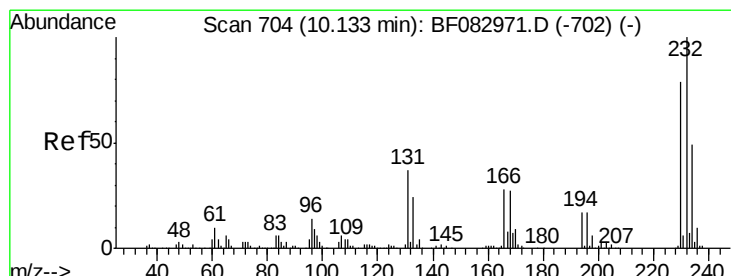
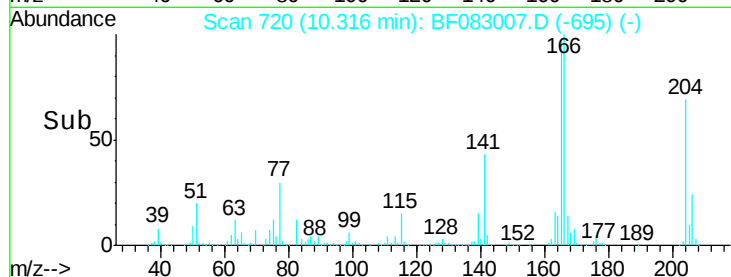
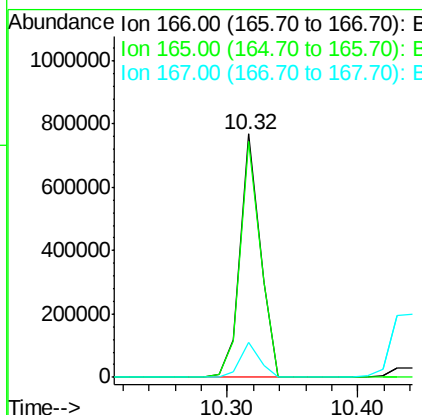
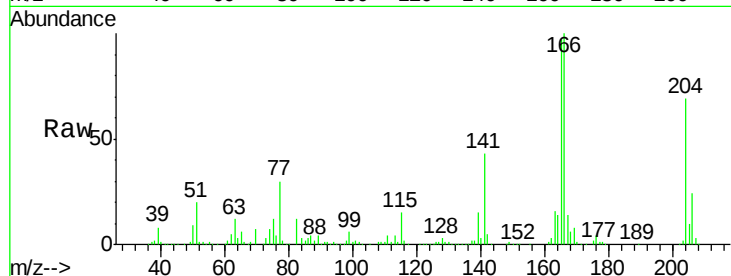




#57
Fluorene
 Concen: 39.11 ng
 RT: 10.32 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

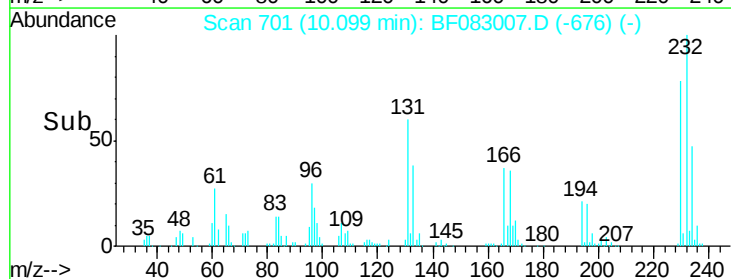
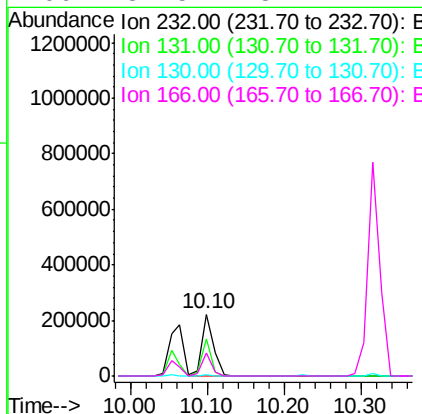
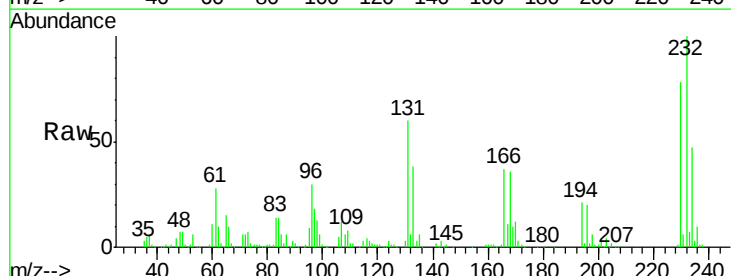
Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

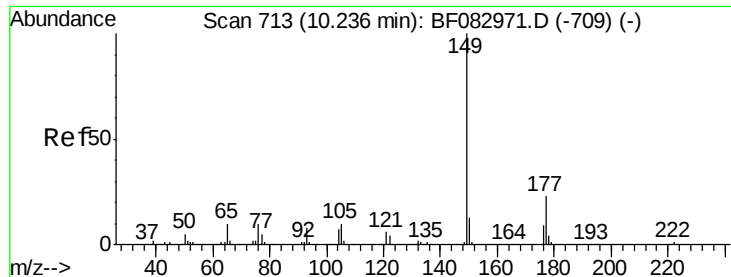
Tot Ion:166 Resp: 823261
 Ion Ratio Lower Upper
 166 100
 165 97.2 80.2 120.4
 167 14.2 11.2 16.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.65 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.01 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Tgt Ion:232 Resp: 227629
 Ion Ratio Lower Upper
 232 100
 131 49.9 46.2 69.2
 130 2.4 2.4 3.6
 166 32.5 28.2 42.2

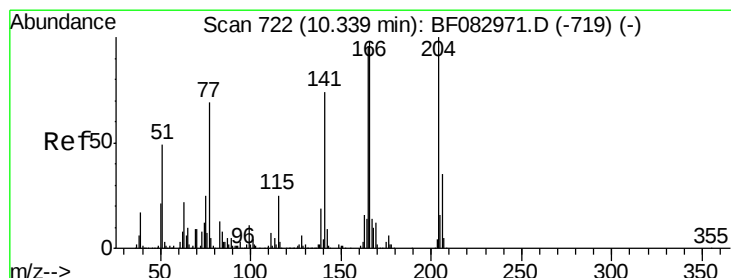
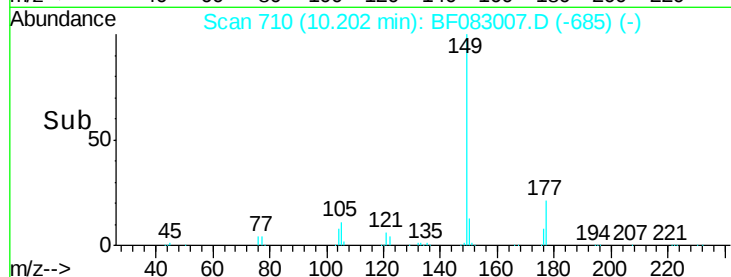
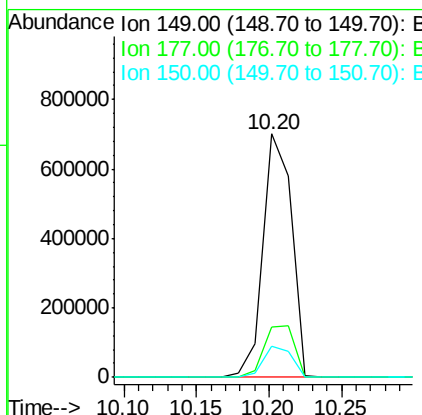
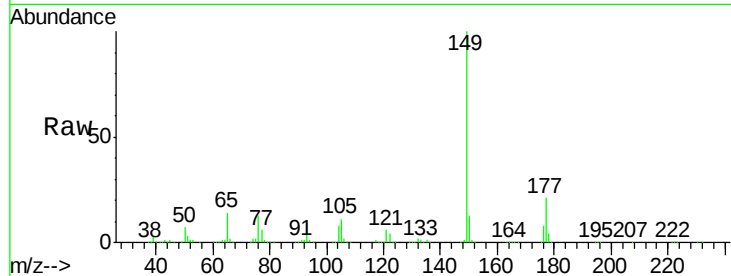




#59
Diethylphthalate
Concen: 41.26 ng
RT: 10.20 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

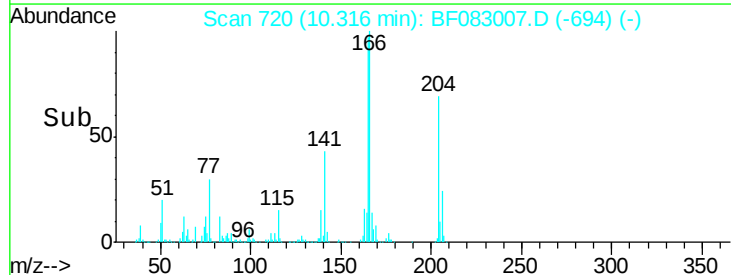
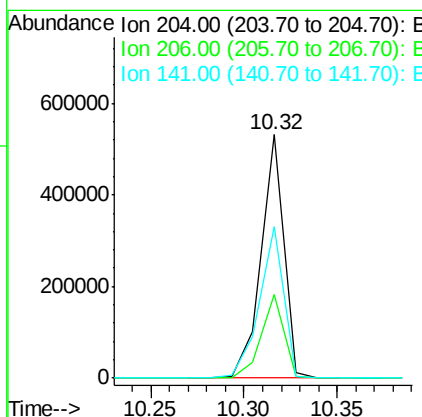
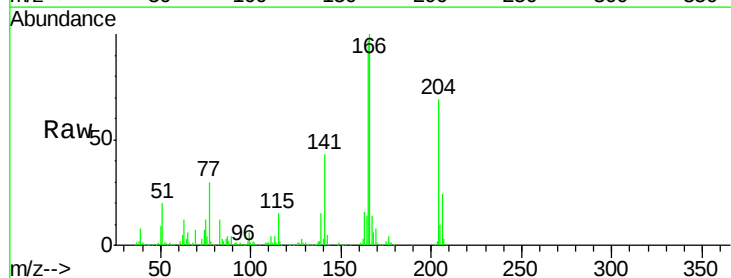
Instrument :
BNA_F
ClientSampleId :
PB86660BS

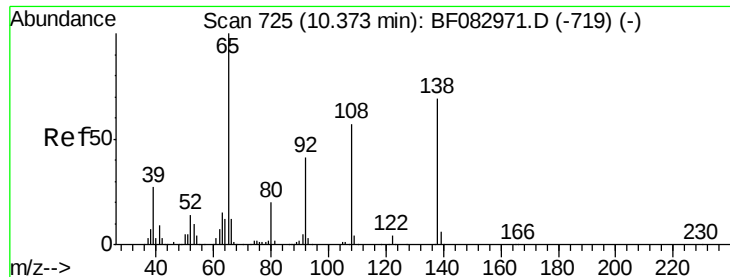
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.6	17.9	26.9
150	13.0	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.41 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	28.5	42.7
141	62.1	44.6	66.8





#61

4-Nitroaniline

Concen: 34.11 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

PB86660BS

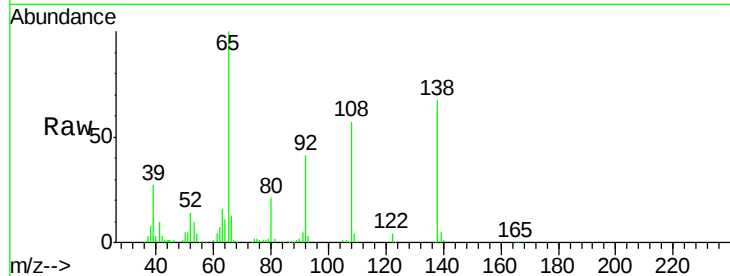
Tot Ion:138 Resp: 191215

Ion Ratio Lower Upper

138 100

92 61.7 45.8 85.8

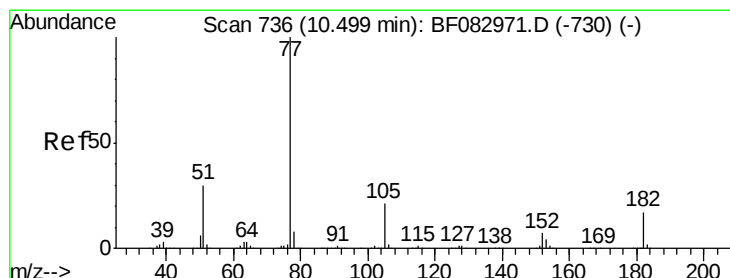
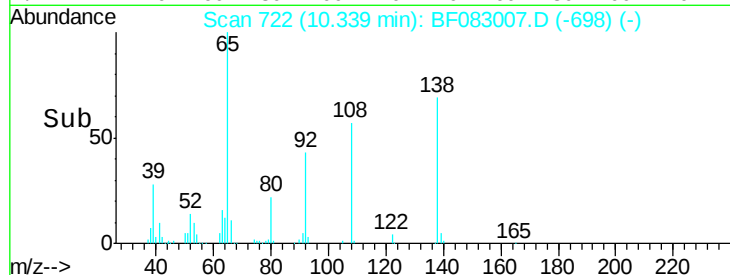
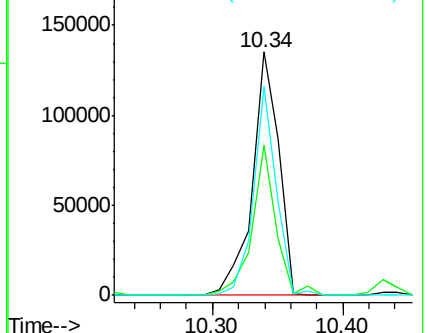
108 85.8 89.4 129.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.95 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Tgt Ion: 77 Resp: 1194849

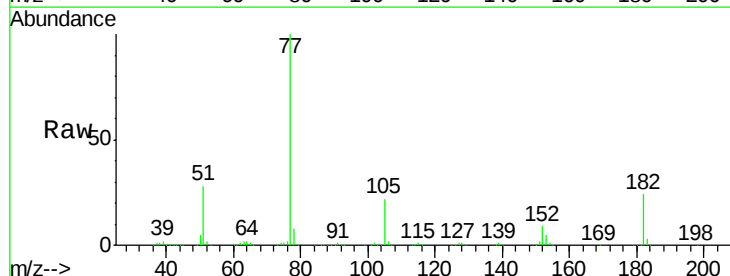
Ion Ratio Lower Upper

77 100

182 23.8 9.3 49.3

105 22.3 2.6 42.6

51 27.6 9.9 49.9

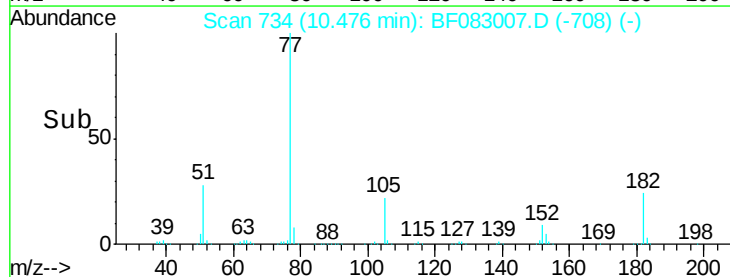
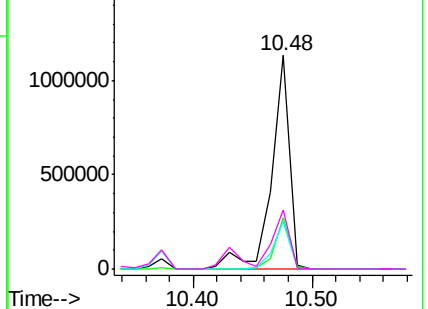


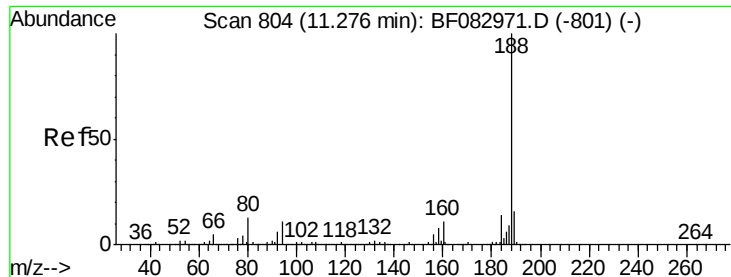
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

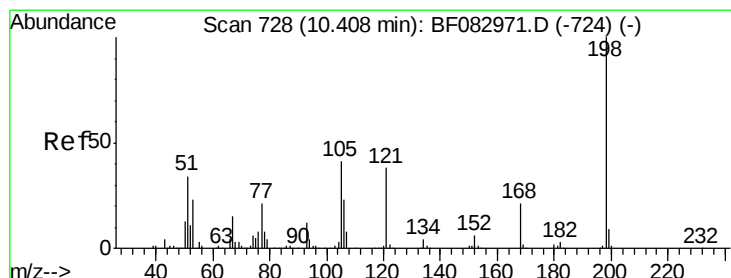
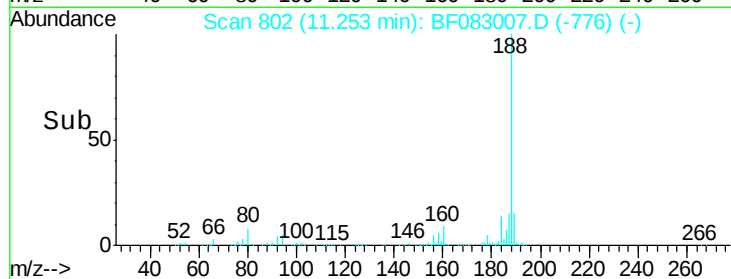
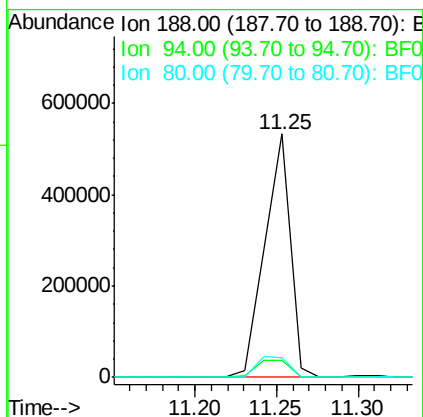
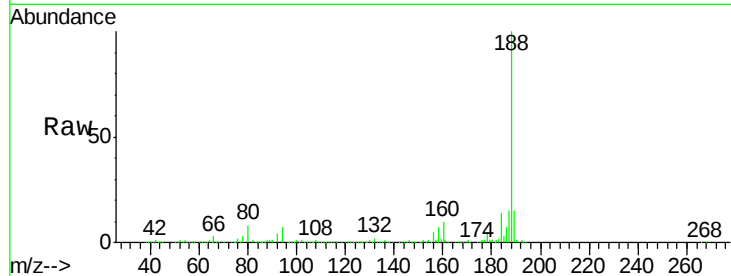




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

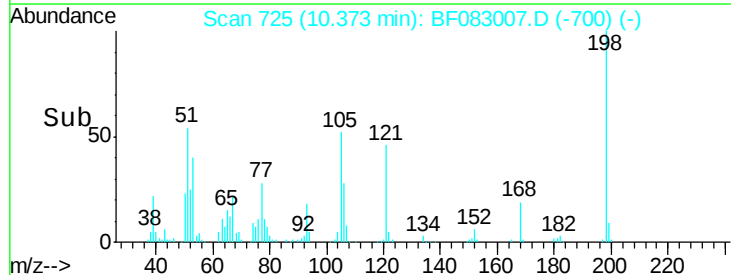
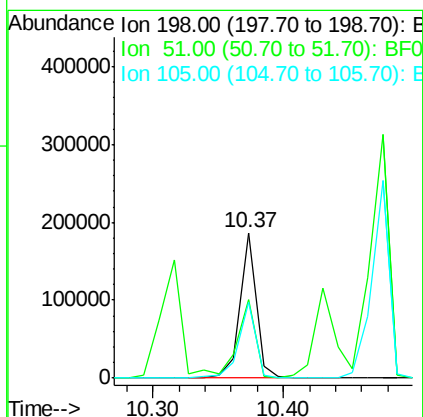
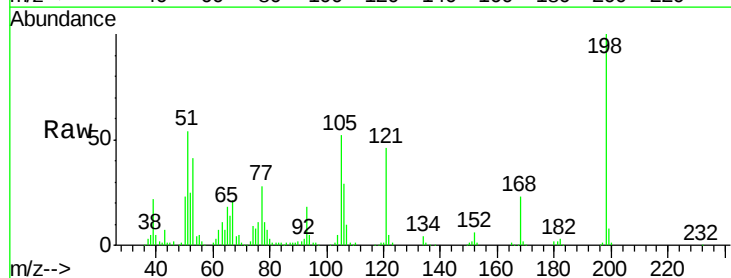
Instrument :
BNA_F
ClientSampleId :
PB86660BS

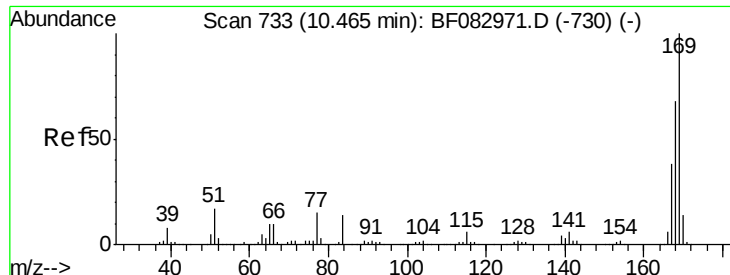
Tot Ion:188 Resp: 583138
Ion Ratio Lower Upper
188 100
94 6.9 6.1 9.1
80 7.8 7.0 10.6



#64
4,6-Dinitro-2-methylphenol
Concen: 38.53 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion:198 Resp: 160060
Ion Ratio Lower Upper
198 100
51 54.2 17.3 57.3
105 52.1 21.7 61.7

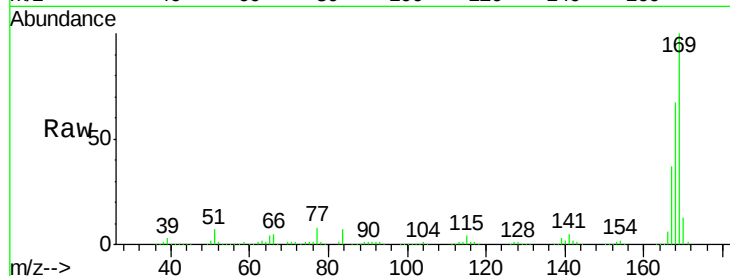




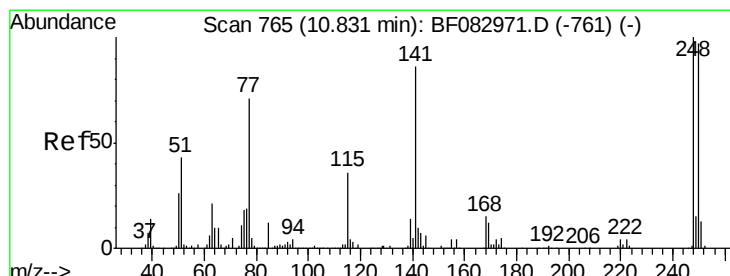
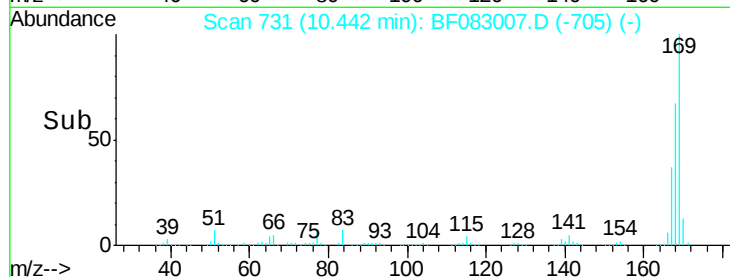
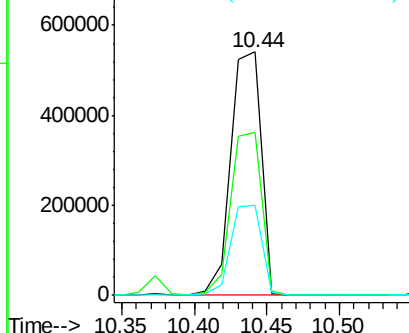
#65
n-Nitrosodiphenylamine
Concen: 37.36 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Instrument :
BNA_F
ClientSampleId :
PB86660BS

Tot Ion:169 Resp: 787116
Ion Ratio Lower Upper
169 100
168 67.0 55.0 82.6
167 36.8 30.5 45.7

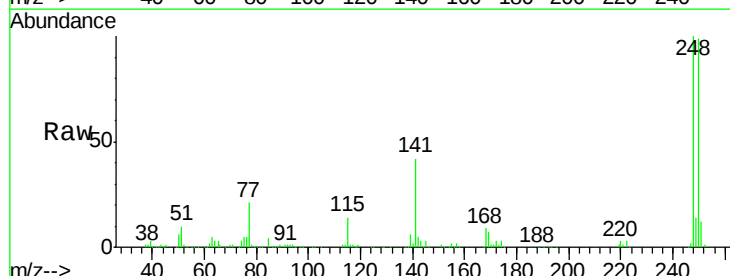


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

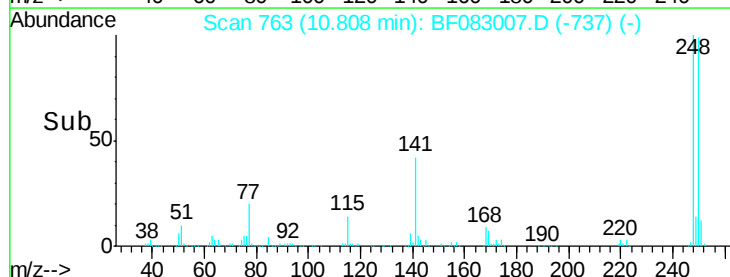
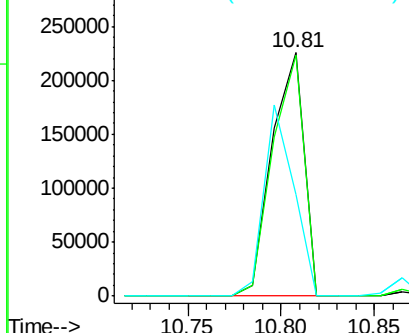


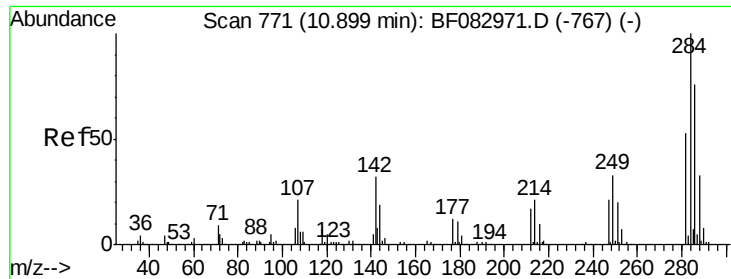
#66
4-Bromophenyl-phenylether
Concen: 38.43 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion:248 Resp: 269811
Ion Ratio Lower Upper
248 100
250 99.0 79.4 119.2
141 41.8 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

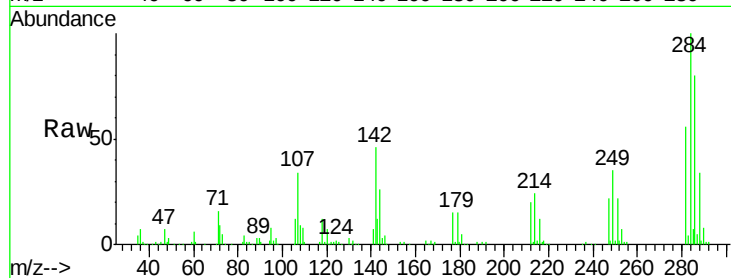




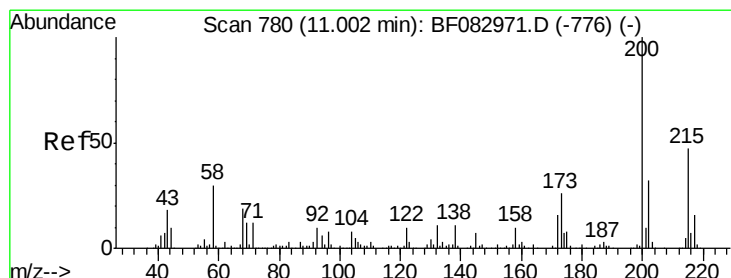
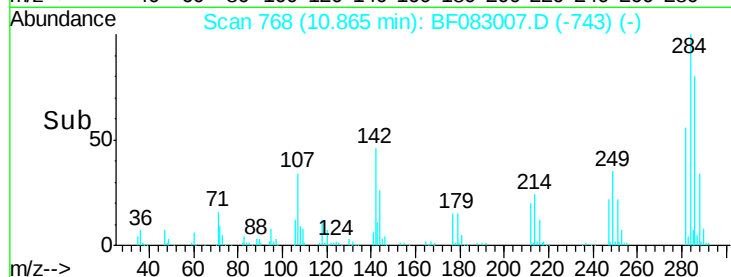
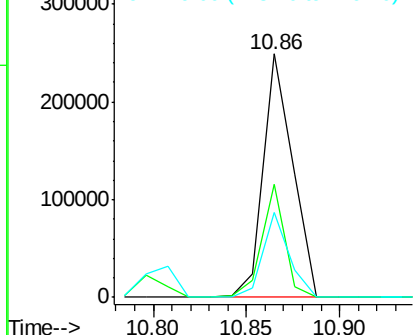
#67
Hexachlorobenzene
Concen: 35.08 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Instrument :
BNA_F
ClientSampleId :
PB86660BS

Tot Ion:284 Resp: 275043
Ion Ratio Lower Upper
284 100
142 46.2 47.9 71.9#
249 35.0 29.7 44.5

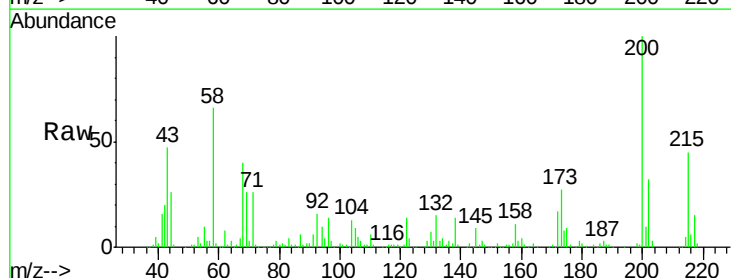


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

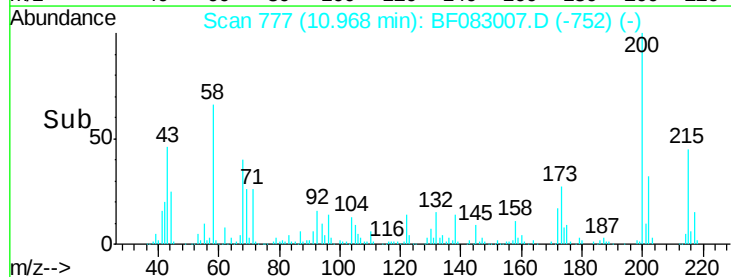
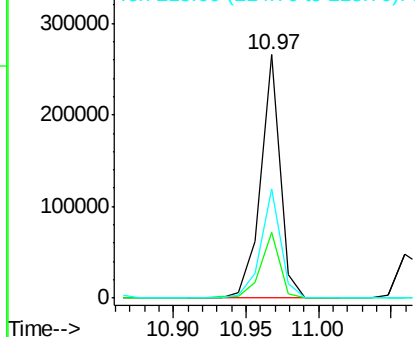


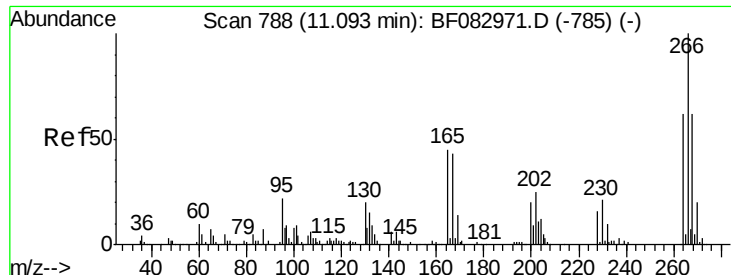
#68
Atrazine
Concen: 37.91 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion:200 Resp: 246967
Ion Ratio Lower Upper
200 100
173 27.1 6.9 46.9
215 45.1 22.9 62.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

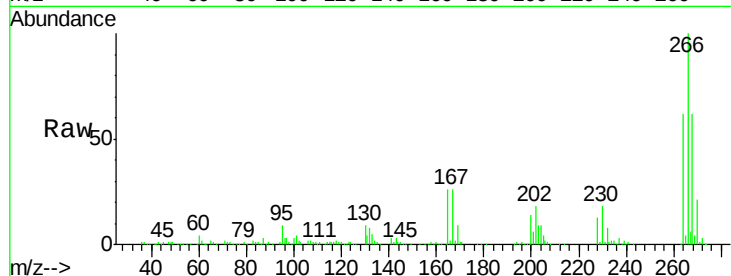




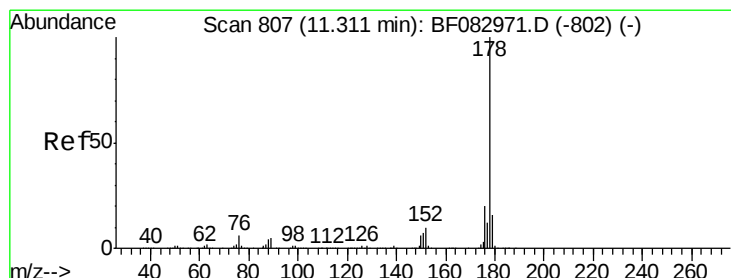
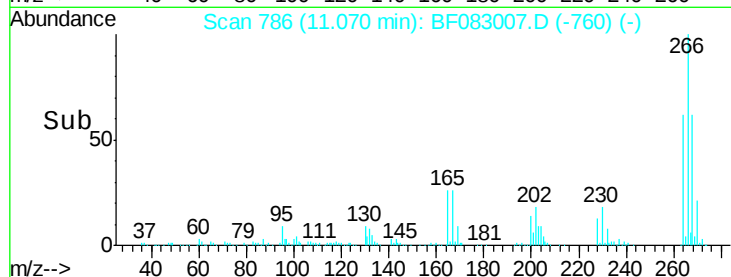
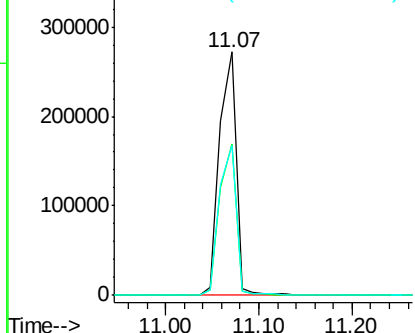
#69
 Pentachlorophenol
 Concen: 71.49 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

Tot Ion:266 Resp: 340351
 Ion Ratio Lower Upper
 266 100
 268 62.3 51.0 76.6
 264 61.7 50.6 75.8

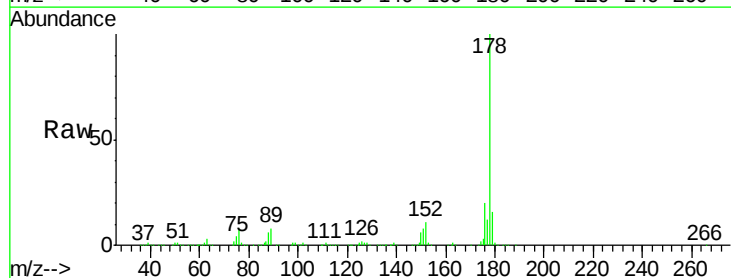


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

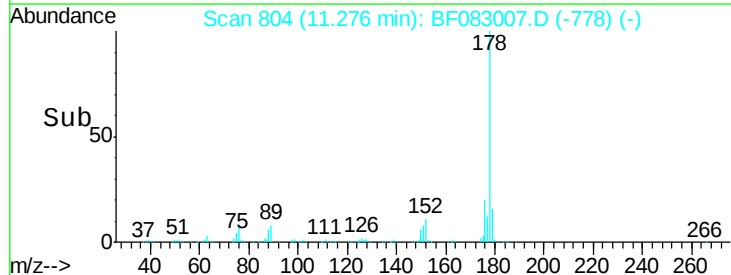
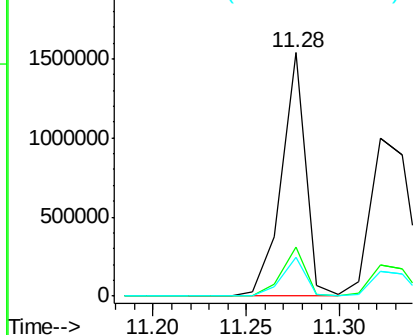


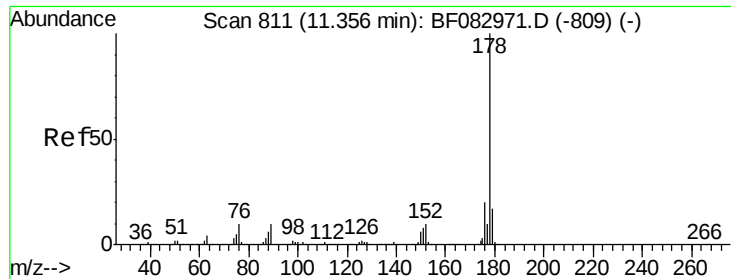
#70
 Phenanthrene
 Concen: 40.81 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Tgt Ion:178 Resp: 1382108
 Ion Ratio Lower Upper
 178 100
 176 20.4 17.0 25.4
 179 16.1 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

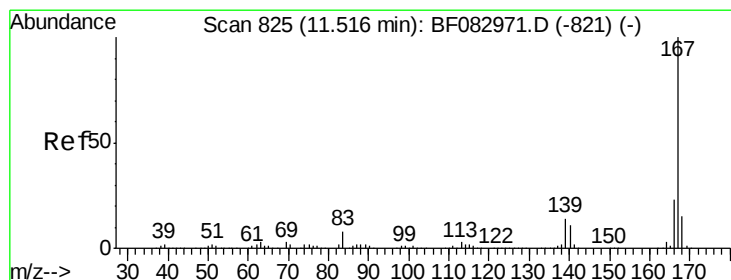
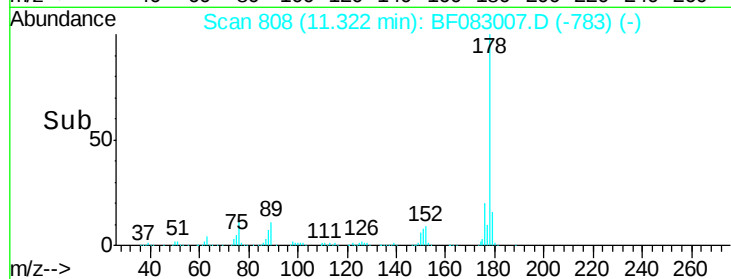
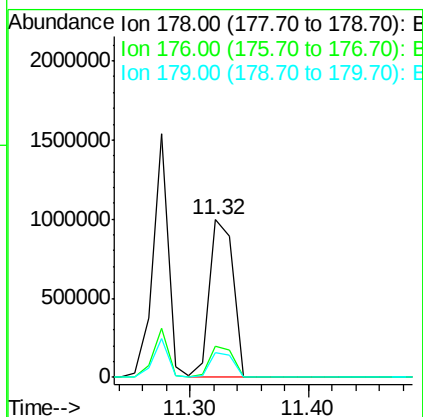
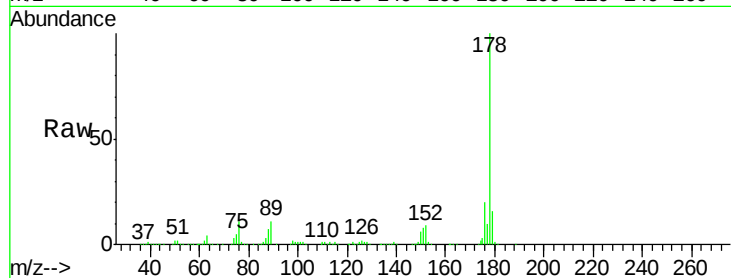




#71
 Anthracene
 Concen: 38.18 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

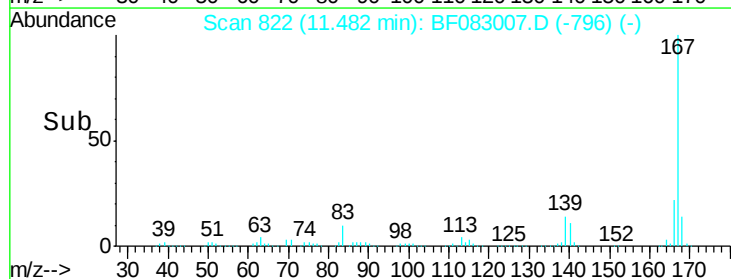
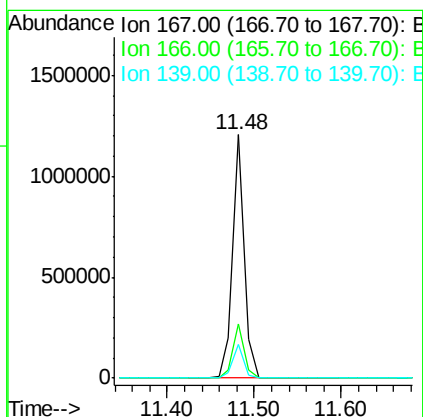
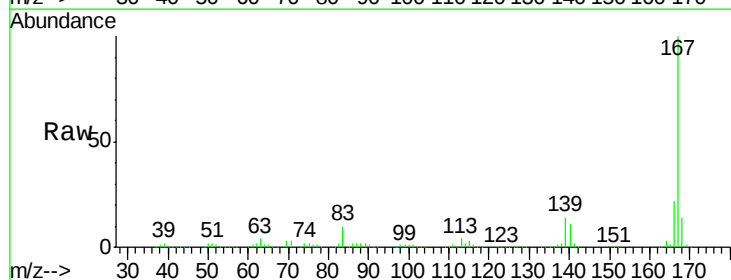
Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

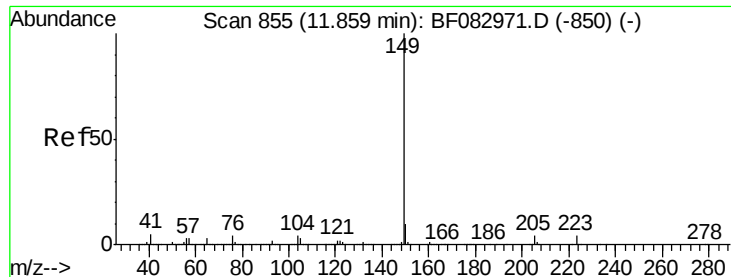
Tot Ion:178 Resp: 1361956
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.5 24.7
 179 16.1 13.2 19.8



#72
 Carbazole
 Concen: 35.63 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Tgt Ion:167 Resp: 1112678
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.7 28.1
 139 14.0 11.8 17.6





#73

Di-n-butylphthalate

Concen: 39.72 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

PB86660BS

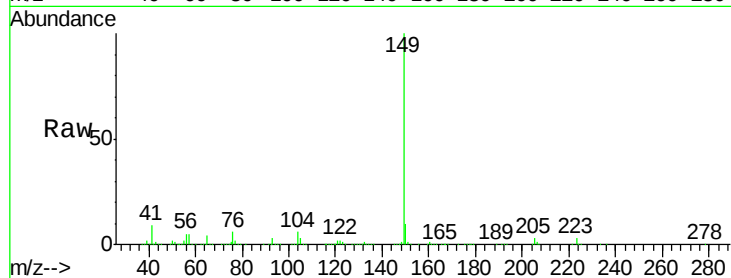
Tot Ion:149 Resp: 1545291

Ion Ratio Lower Upper

149 100

150 10.1 8.1 12.1

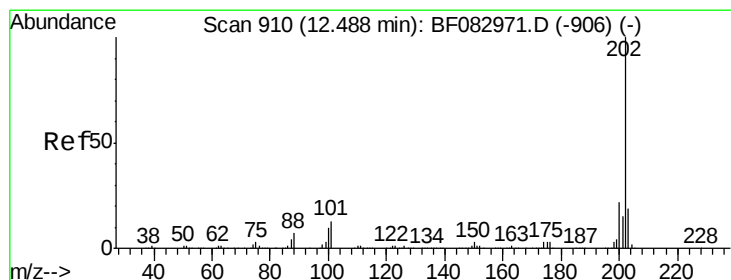
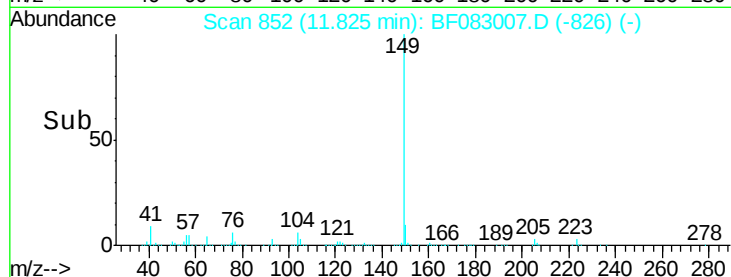
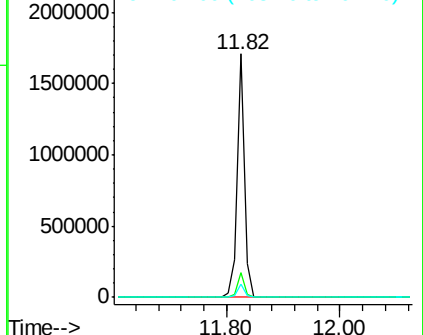
104 5.6 5.2 7.8



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: 38.47 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

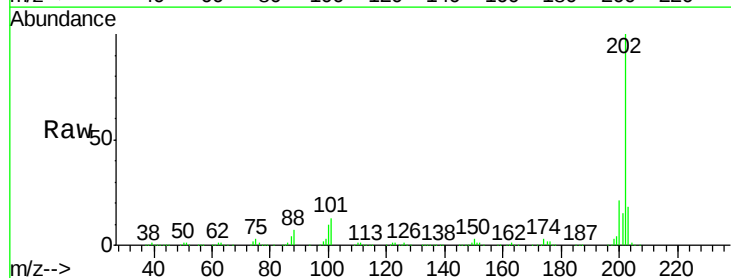
Tgt Ion:202 Resp: 1398149

Ion Ratio Lower Upper

202 100

101 12.7 0.0 30.5

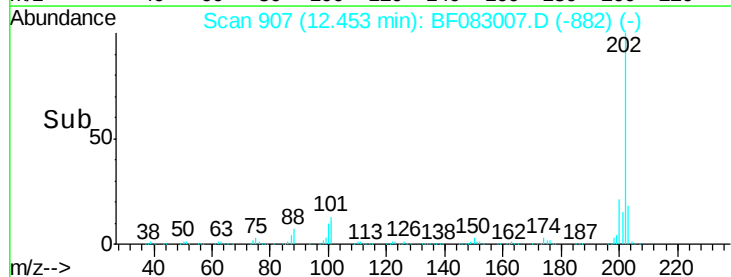
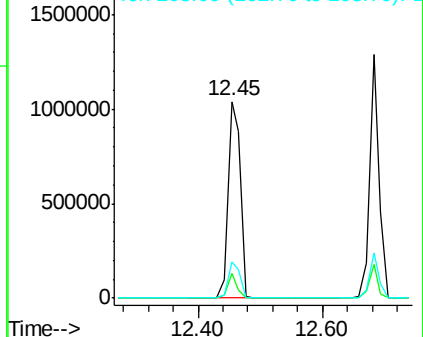
203 18.4 0.0 38.5

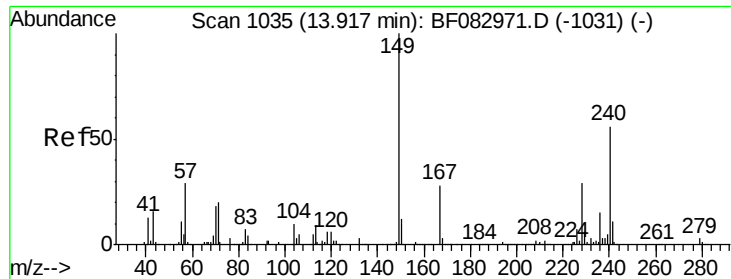


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

PB86660BS

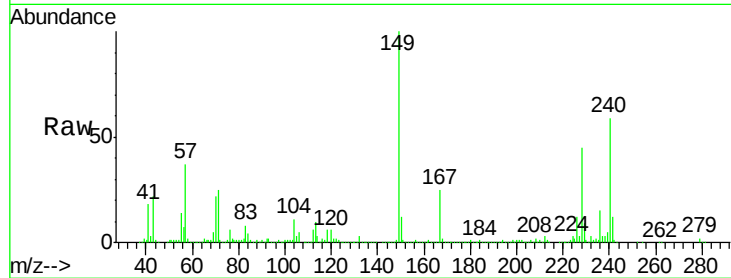
Tot Ion:240 Resp: 463834

Ion Ratio Lower Upper

240 100

120 10.8 10.9 16.3#

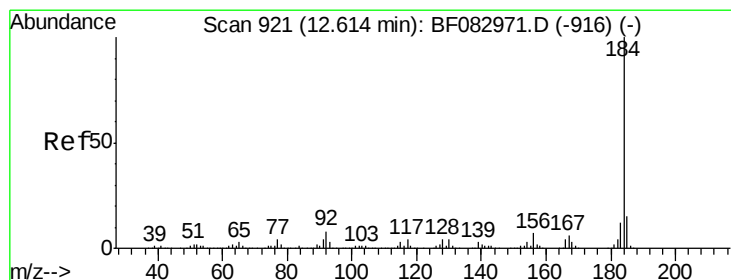
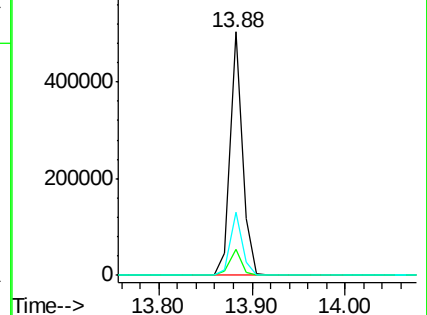
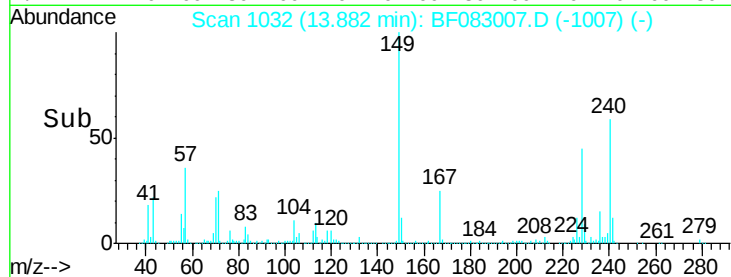
236 26.0 21.6 32.4



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: 33.50 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

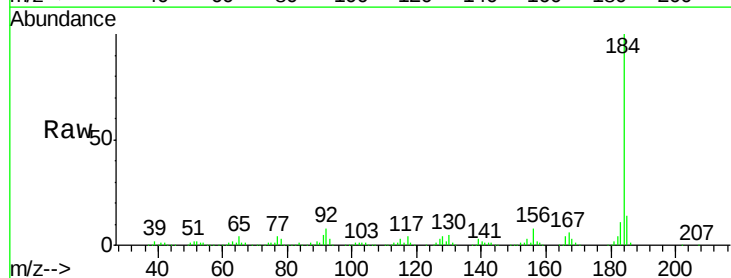
Tgt Ion:184 Resp: 520690

Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

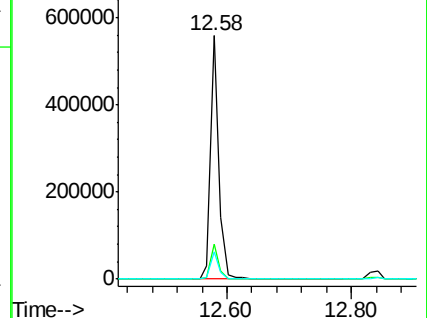
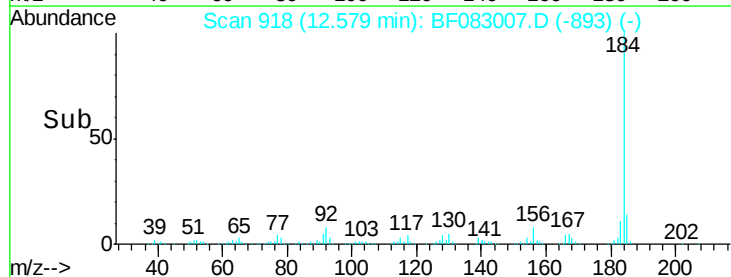
183 11.4 9.6 14.4

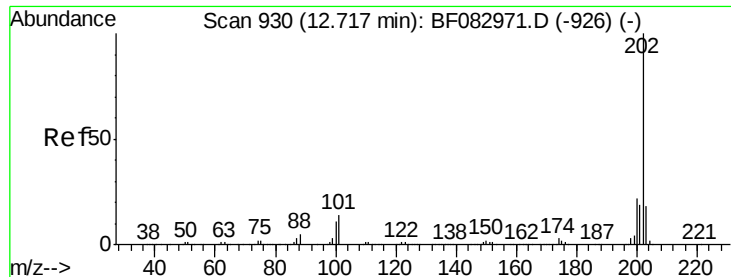


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.93 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

PB86660BS

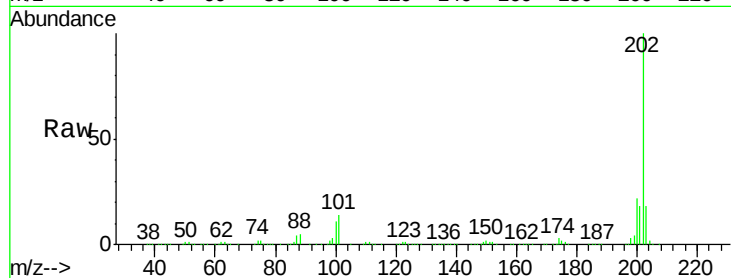
Tot Ion:202 Resp: 1335632

Ion Ratio Lower Upper

202 100

200 21.6 18.7 28.1

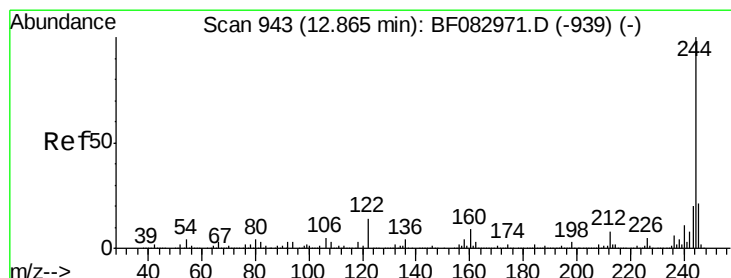
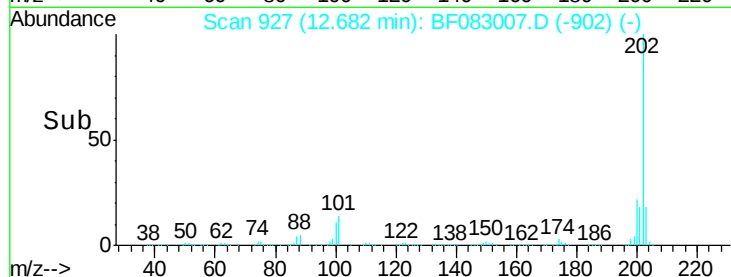
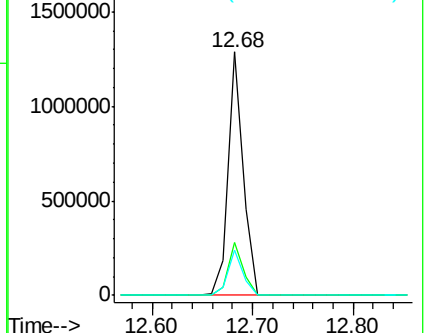
203 18.3 14.8 22.2



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: 93.05 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

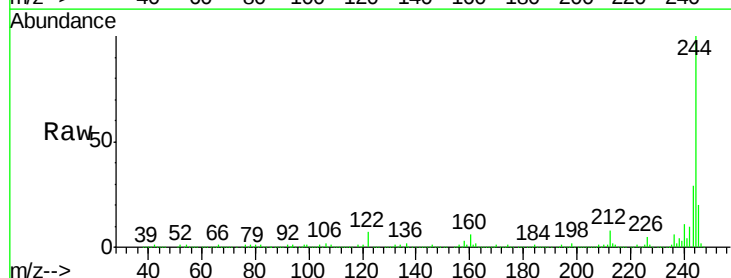
Tgt Ion:244 Resp: 1819661

Ion Ratio Lower Upper

244 100

212 7.5 7.6 11.4#

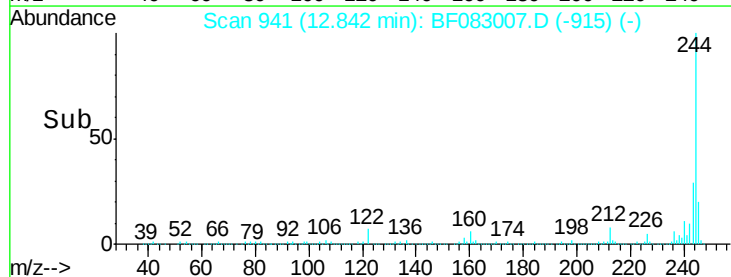
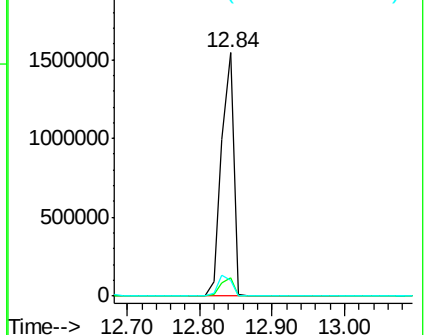
122 6.6 11.3 16.9#

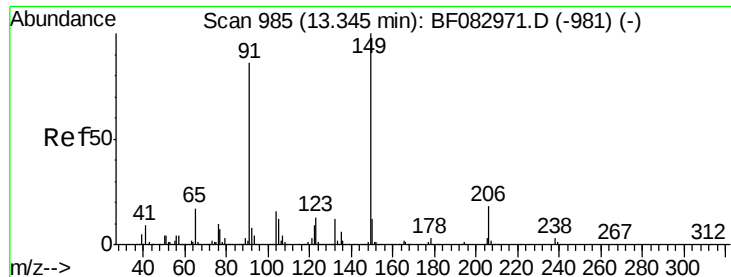


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

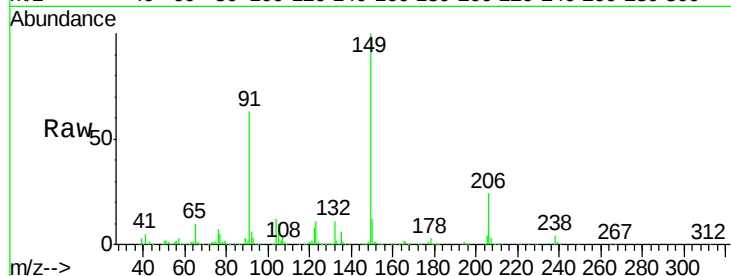




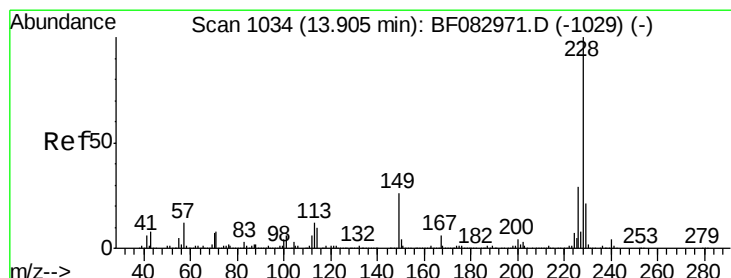
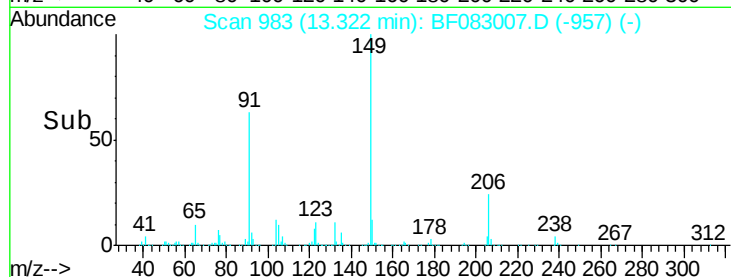
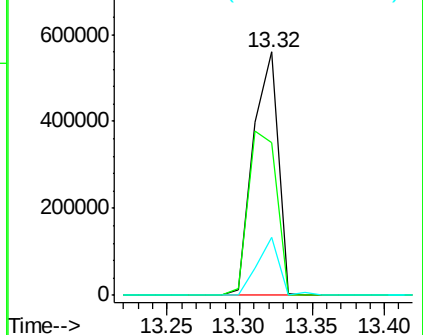
#79
Butylbenzylphthalate
Concen: 47.69 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Instrument :
BNA_F
ClientSampleId :
PB8660BS

Tot Ion:149 Resp: 671151
Ion Ratio Lower Upper
149 100
91 62.5 67.7 101.5#
206 23.7 14.6 22.0#

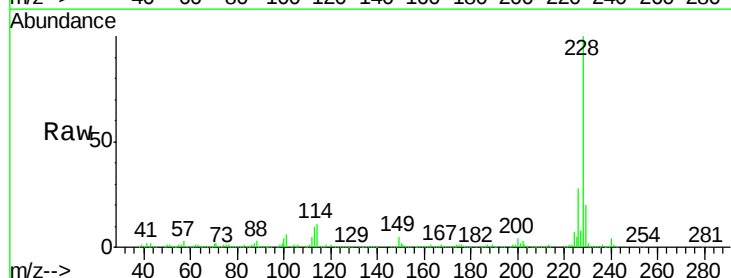


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

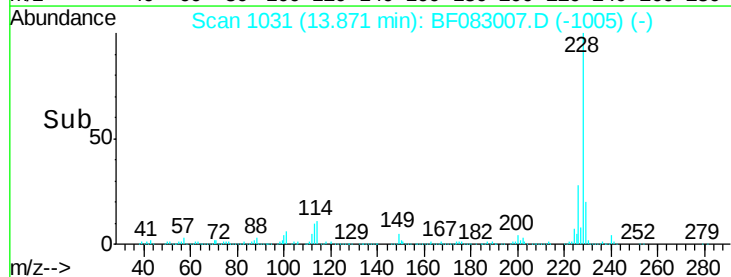
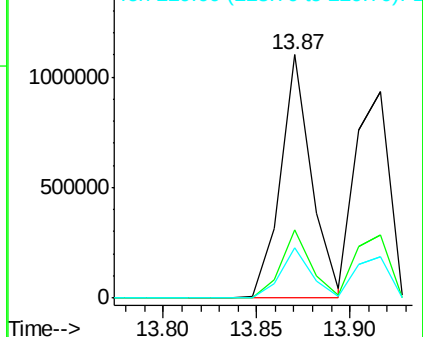


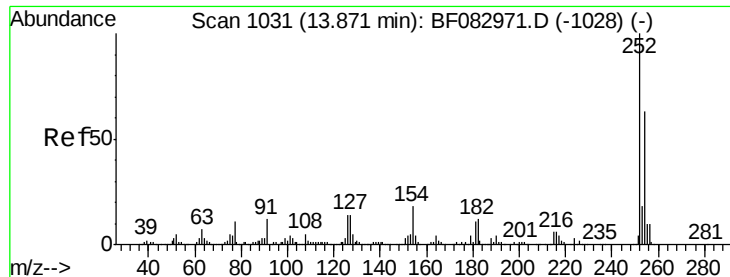
#80
Benzo(a)anthracene
Concen: 43.58 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion:228 Resp: 1264032
Ion Ratio Lower Upper
228 100
226 28.1 23.4 35.2
229 20.5 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

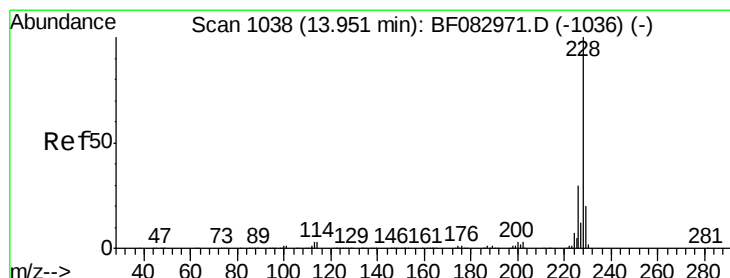
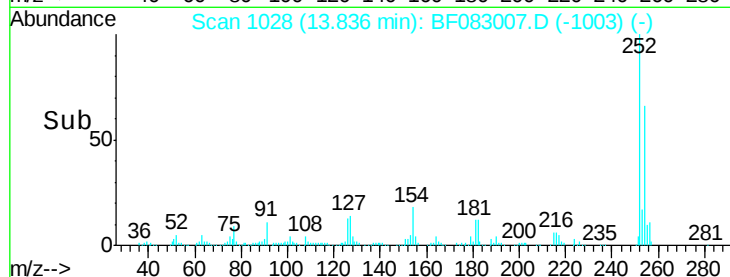
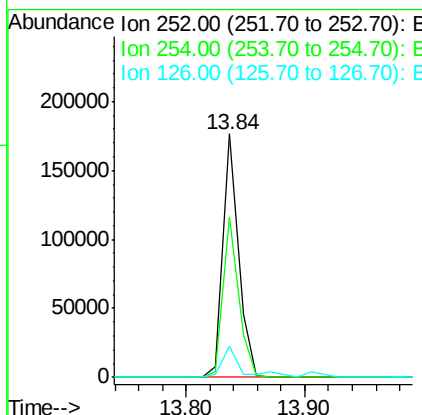
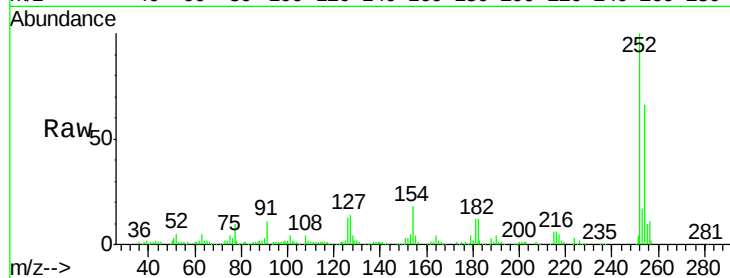




#81
 3,3'-Dichlorobenzidine
 Concen: 15.47 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

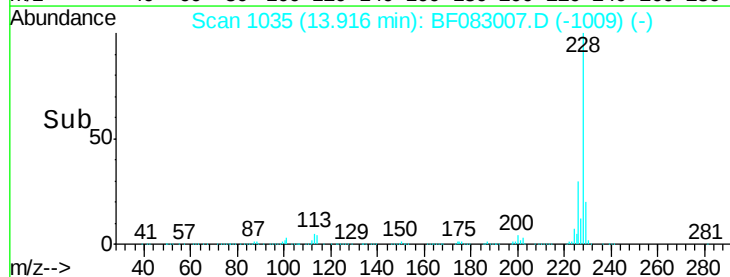
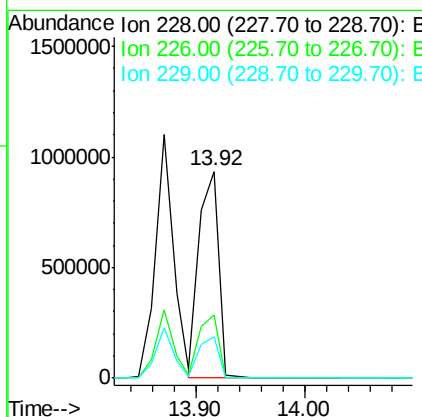
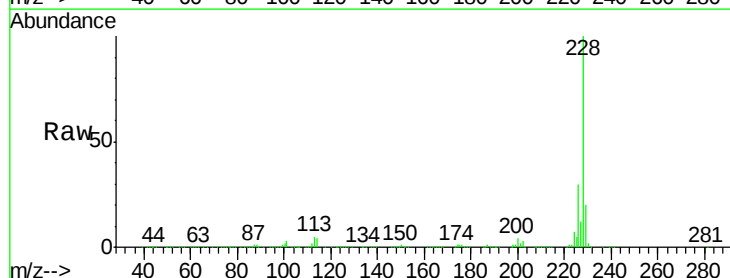
Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

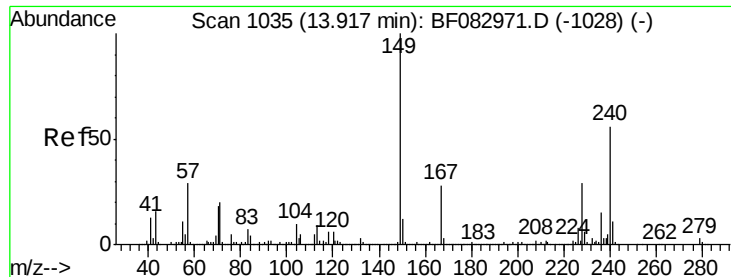
Tot Ion:252 Resp: 159530
 Ion Ratio Lower Upper
 252 100
 254 66.1 51.4 77.0
 126 12.6 10.7 16.1



#82
 Chrysene
 Concen: 44.57 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Tgt Ion:228 Resp: 1184064
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.5 38.3
 229 19.8 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.35 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

PB86660BS

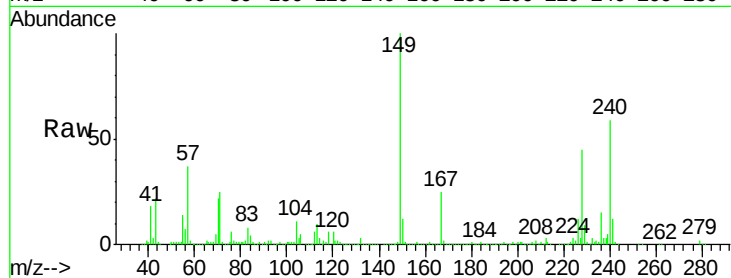
Tot Ion:149 Resp: 854227

Ion Ratio Lower Upper

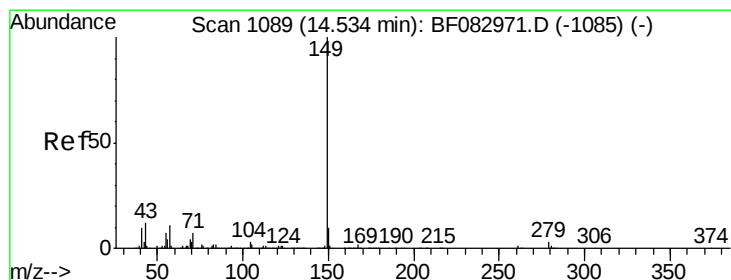
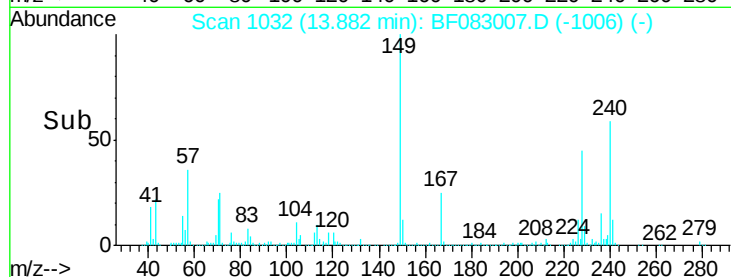
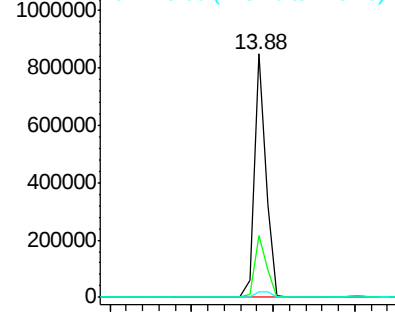
149 100

167 25.2 21.2 31.8

279 2.0 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: 47.70 ng

RT: 14.51 min Scan# 1087

Delta R.T. 0.01 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

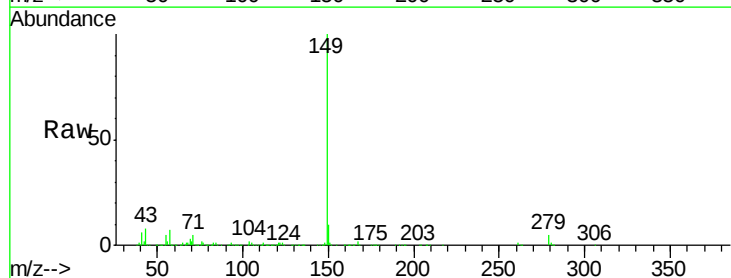
Tgt Ion:149 Resp: 1532474

Ion Ratio Lower Upper

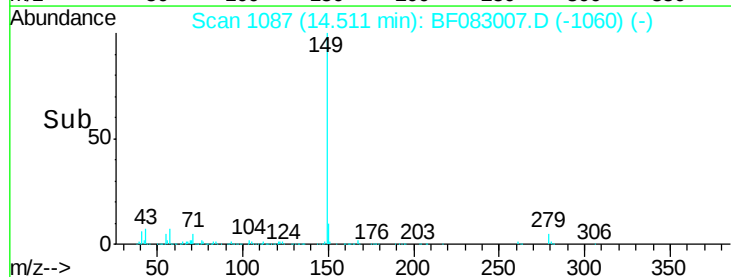
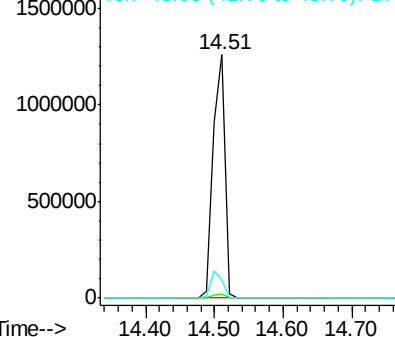
149 100

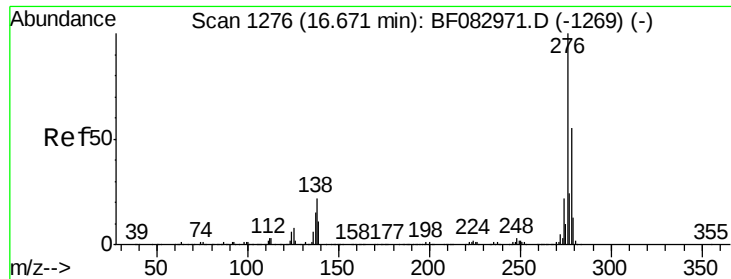
167 1.7 1.3 1.9

43 11.0 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

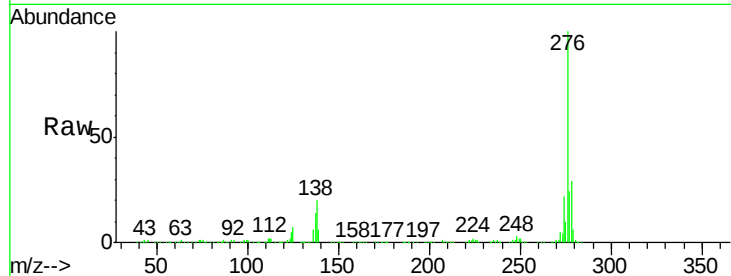




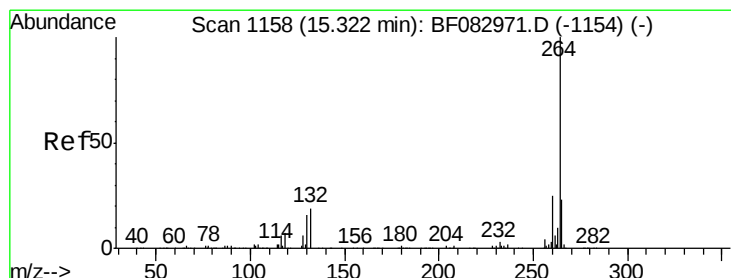
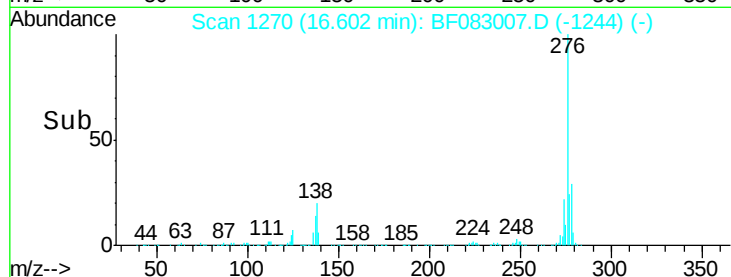
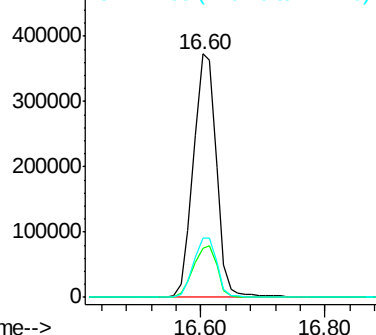
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.90 ng
 RT: 16.60 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PB86660BS

Tot Ion:276 Resp: 958576
 Ion Ratio Lower Upper
 276 100
 138 22.0 15.3 22.9
 277 25.1 20.2 30.4

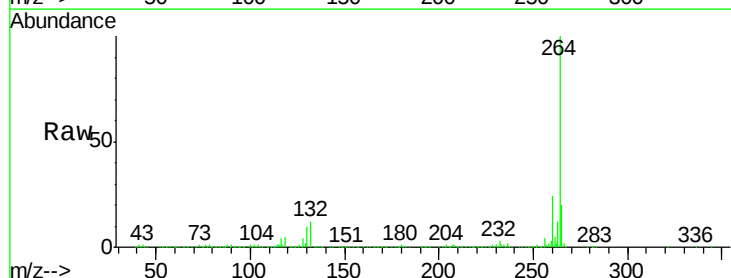


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

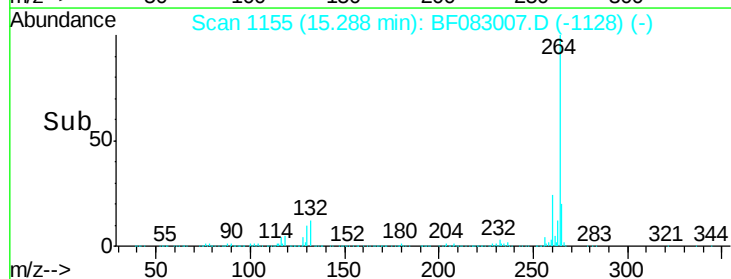
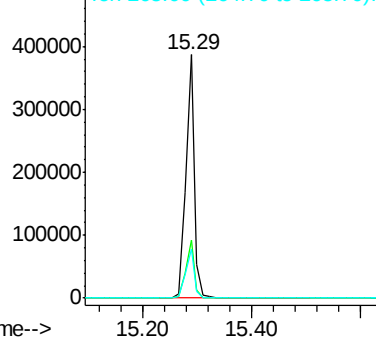


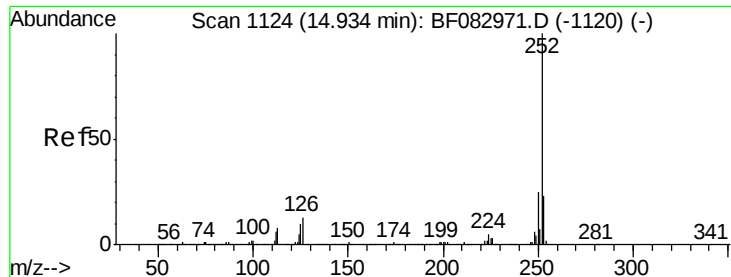
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BF083007.D
 Acq: 18 Nov 2015 13:40

Tgt Ion:264 Resp: 432782
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.8 29.6
 265 20.3 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

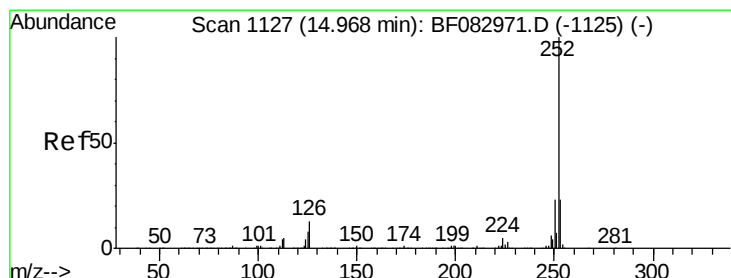
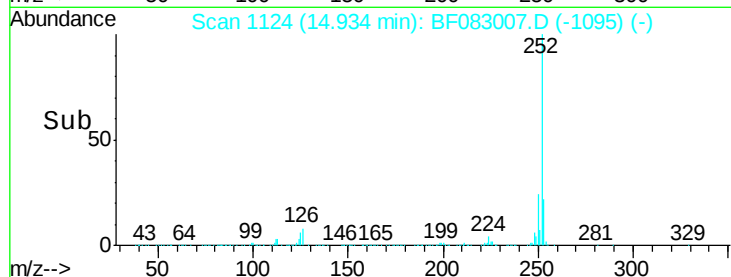
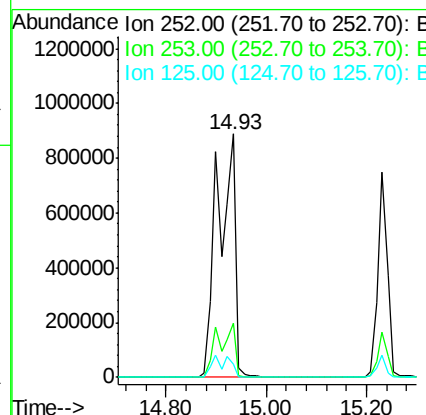
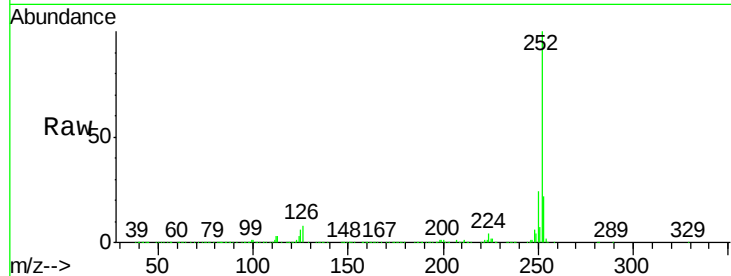




#87
Benzo(b)fluoranthene
Concen: 77.96 ng
RT: 14.93 min Scan# 1124
Delta R.T. 0.03 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

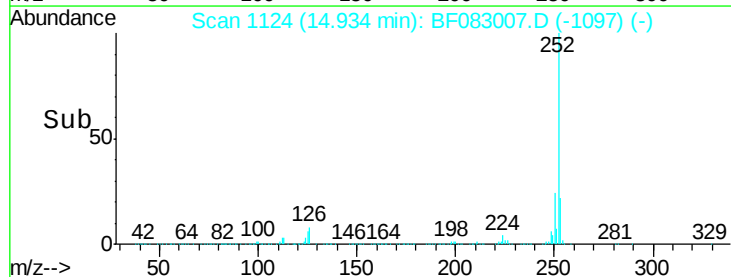
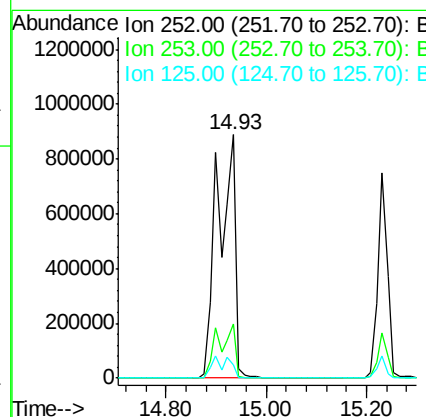
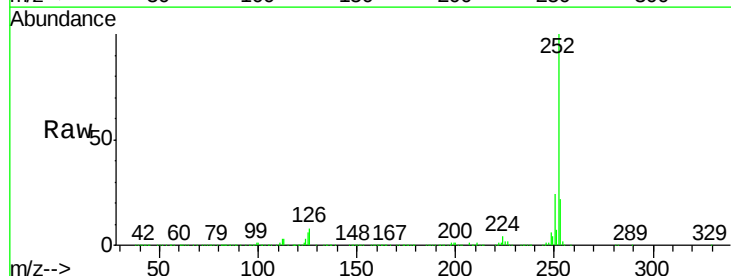
Instrument :
BNA_F
ClientSampleId :
PB86660BS

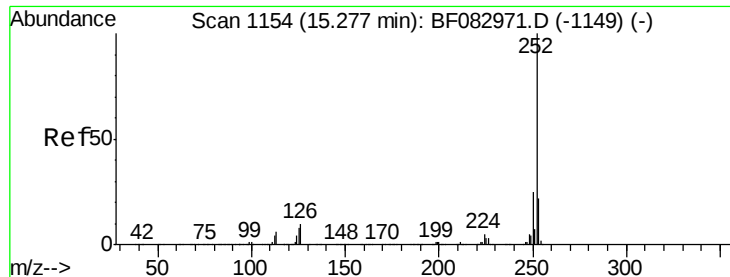
Tot Ion:252 Resp: 2165749
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 5.6 5.4 8.2



#88
Benzo(k)fluoranthene
Concen: 87.88 ng
RT: 14.93 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF083007.D
Acq: 18 Nov 2015 13:40

Tgt Ion:252 Resp: 2165749
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 5.6 3.5 5.3#





#89

Benzo(a)pyrene

Concen: 41.40 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

PB86660BS

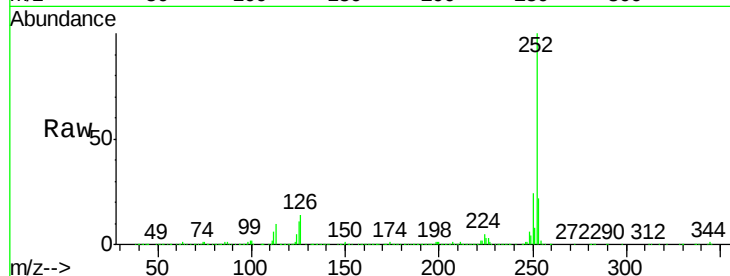
Tot Ion:252 Resp: 996399

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

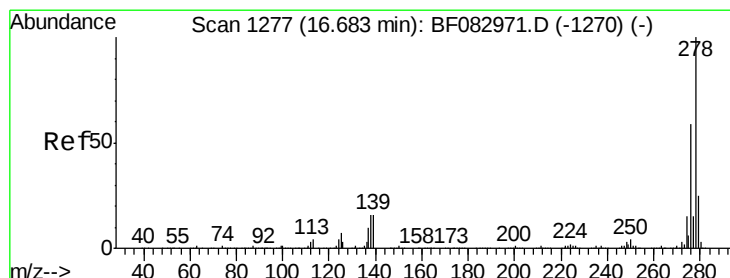
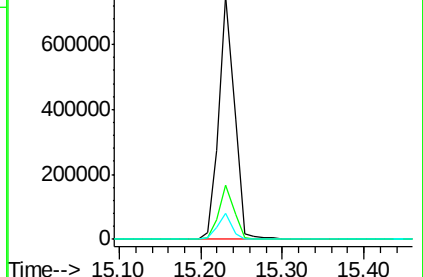
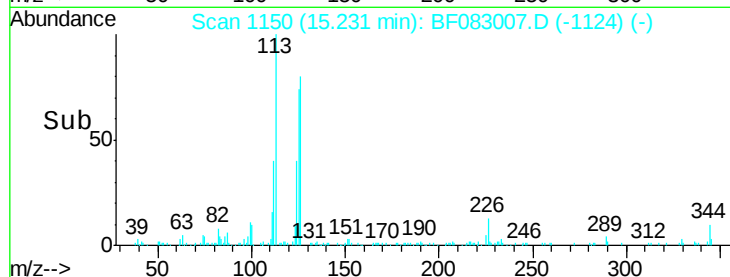
125 10.8 7.1 10.7#



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



#90

Dibenzo(a,h)anthracene

Concen: 39.11 ng

RT: 16.63 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

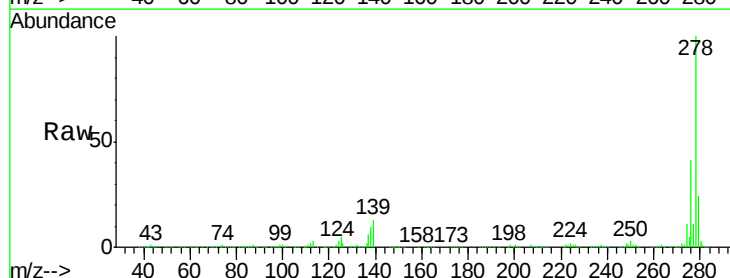
Tgt Ion:278 Resp: 797033

Ion Ratio Lower Upper

278 100

139 12.6 9.9 14.9

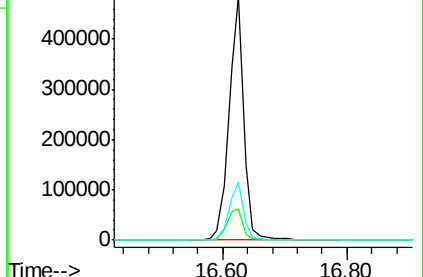
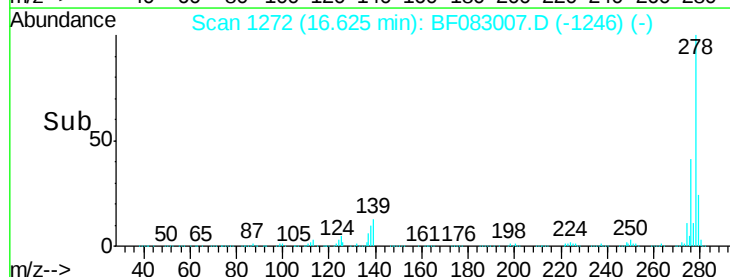
279 23.7 19.6 29.4

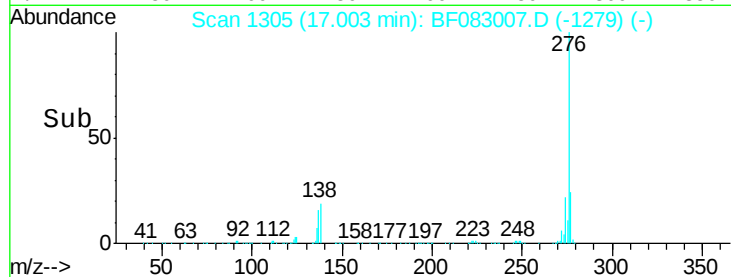
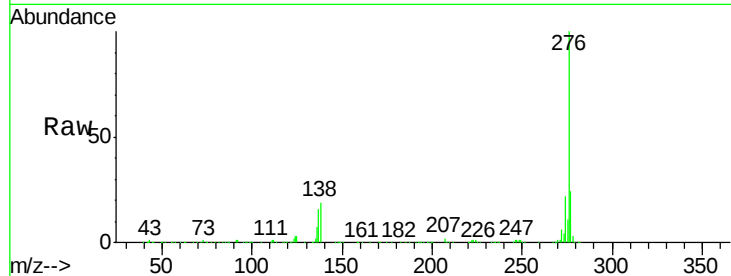
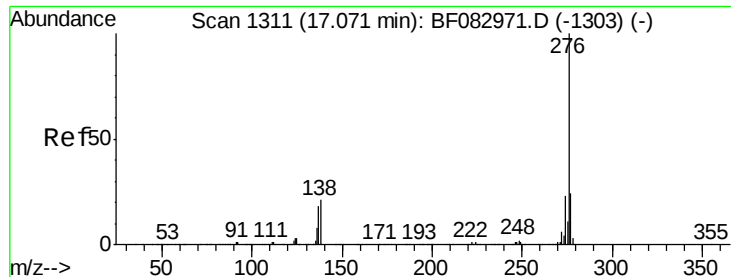


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.58 ng

RT: 17.00 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF083007.D

Acq: 18 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

PB86660BS

Tot Ion:276 Resp: 772568

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 18.5 13.1 19.7

