

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081434.D
 Acq On : 4 Sep 2015 22:57
 Operator : UM/IZ
 Sample : G3526-06MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Quant Time: Sep 07 01:10:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:02:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	64684	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	252933	20.00	ng	-0.01
38) Acenaphthene-d10	9.39	164	120837	20.00	ng	0.00
63) Phenanthrene-d10	10.86	188	238005	20.00	ng	0.00
75) Chrysene-d12	13.46	240	196107	20.00	ng	0.00
86) Perylene-d12	14.77	264	131731	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.91	112	505415	121.23	ng	0.01
7) Phenol-d6	6.03	99	717310	129.98	ng	0.00
23) Nitrobenzene-d5	6.94	82	462135	88.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.18	330	142730	132.66	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	627705	66.57	ng	-0.01
78) Terphenyl-d14	12.43	244	584051	69.33	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.75	88	71040	37.94	ng	# 91
3) Pyridine	2.28	79	198247	38.40	ng	# 93
4) n-Nitrosodimethylamine	2.25	42	134207	46.79	ng	# 73
6) Aniline	6.02	93	152268	19.54	ng	# 72
8) 2-Chlorophenol	6.15	128	202243	44.02	ng	# 86
9) Benzaldehyde	5.90	77	23968	6.93	ng	# 80
10) Phenol	6.04	94	225676	35.26	ng	# 40
11) bis(2-Chloroethyl)ether	6.11	93	196173	42.49	ng	# 85
12) 1,3-Dichlorobenzene	6.30	146	203826	41.52	ng	# 92
13) 1,4-Dichlorobenzene	6.38	146	198692	39.76	ng	# 90
14) 1,2-Dichlorobenzene	6.52	146	168431	37.43	ng	# 85
15) Benzyl Alcohol	6.52	79	189372	41.83	ng	# 70
16) 2,2'-oxybis(1-Chloropropan	6.67	45	406915	45.98	ng	# 81
17) 2-Methylphenol	6.66	107	164347	44.83	ng	# 74
18) Hexachloroethane	6.87	117	76170	39.17	ng	# 94
19) n-Nitroso-di-n-propylamine	6.81	70	169219	45.05	ng	# 83
20) 3+4-Methylphenols	6.82	107	219947	44.50	ng	# 89
22) Acetophenone	6.79	105	292990	42.41	ng	# 75
24) Nitrobenzene	6.96	77	251624	46.22	ng	# 63
25) Isophorone	7.21	82	414465	42.50	ng	# 88
26) 2-Nitrophenol	7.28	139	107831	45.44	ng	# 53
27) 2,4-Dimethylphenol	7.35	122	170467	41.59	ng	# 85
28) bis(2-Chloroethoxy)methane	7.43	93	234448	41.62	ng	# 92
29) 2,4-Dichlorophenol	7.53	162	160525	45.17	ng	# 96
30) 1,2,4-Trichlorobenzene	7.60	180	162905	42.19	ng	# 98
31) Naphthalene	7.67	128	514824	38.17	ng	# 98
32) Benzoic acid	7.35	122	170467	57.72	ng	# 27
33) 4-Chloroaniline	7.74	127	80641	14.66	ng	# 84
34) Hexachlorobutadiene	7.80	225	89982	38.30	ng	# 98
35) Caprolactam	8.12	113	25925	23.78	ng	# 61
36) 4-Chloro-3-methylphenol	8.25	107	192914	48.50	ng	# 74
37) 2-Methylnaphthalene	8.36	142	372855	42.47	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	140279	36.71	ng	# 98
40) Hexachlorocyclopentadiene	8.51	237	139741	74.51	ng	# 96

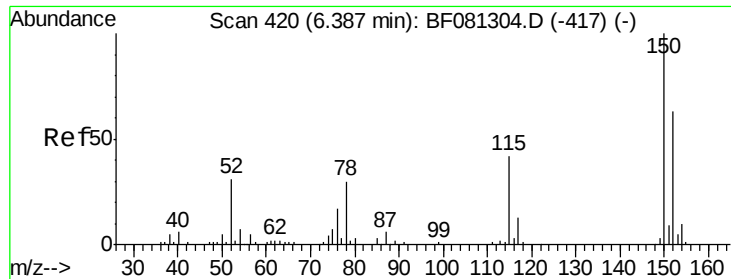
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081434.D
 Acq On : 4 Sep 2015 22:57
 Operator : UM/IZ
 Sample : G3526-06MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Quant Time: Sep 07 01:10:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:02:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	101772	38.59	nq	98
43) 2,4,5-Trichlorophenol	8.71	196	106210	39.47	nq	# 93
45) 1,1'-Biphenyl	8.83	154	438194	39.42	nq	95
46) 2-Chloronaphthalene	8.84	162	308156	38.38	nq	# 89
47) 2-Nitroaniline	8.96	65	147810	45.17	nq	# 75
48) Acenaphthylene	9.26	152	553691	38.88	nq	98
49) Dimethylphthalate	9.15	163	530138	56.47	nq	# 97
50) 2,6-Dinitrotoluene	9.20	165	80158	37.62	nq	# 1
51) Acenaphthene	9.43	154	317439	39.18	nq	88
52) 3-Nitroaniline	9.37	138	64129	26.44	nq	# 81
53) 2,4-Dinitrophenol	9.47	184	17774	19.80	nq	# 5
54) Dibenzofuran	9.60	168	485437	41.03	nq	# 92
55) 4-Nitrophenol	9.56	139	131582	86.34	nq	# 14
56) 2,4-Dinitrotoluene	9.60	165	104207	38.41	nq	# 13
57) Fluorene	9.93	166	330974	36.86	nq	94
58) 2,3,4,6-Tetrachlorophenol	9.72	232	90652	44.13	nq	90
59) Diethylphthalate	9.84	149	382243	38.71	nq	93
60) 4-Chlorophenyl-phenylether	9.94	204	168460	40.26	nq	98
61) 4-Nitroaniline	9.98	138	84527	34.49	nq	# 23
62) Azobenzene	10.09	77	441749	40.23	nq	# 81
64) 4,6-Dinitro-2-methylphenol	10.01	198	49915	37.50	nq	85
65) n-Nitrosodiphenylamine	10.06	169	313264	36.17	nq	91
66) 4-Bromophenyl-phenylether	10.42	248	97175	40.38	nq	94
67) Hexachlorobenzene	10.48	284	94430	37.53	nq	# 77
68) Atrazine	10.60	200	114740	45.78	nq	83
69) Pentachlorophenol	10.67	266	91400	75.20	nq	98
70) Phenanthrene	10.88	178	499802	37.77	nq	96
71) Anthracene	10.92	178	496315	36.51	nq	98
72) Carbazole	11.10	167	540062	42.34	nq	95
73) Di-n-butylphthalate	11.45	149	643272	42.70	nq	# 98
74) Fluoranthene	12.04	202	534006	37.28	nq	93
76) Benzidine	12.19	184	162515	19.30	nq	97
77) Pyrene	12.27	202	580913	39.99	nq	97
79) Butylbenzylphthalate	12.93	149	273053	43.22	nq	89
80) Benzo(a)anthracene	13.45	228	472586	37.84	nq	97
81) 3,3'-Dichlorobenzidine	13.43	252	93182	22.12	nq	97
82) Chrysene	13.49	228	374885	33.49	nq	95
83) Bis(2-ethylhexyl)phthalate	13.49	149	334616	40.13	nq	# 89
84) Di-n-octyl phthalate	14.09	149	523609	38.14	nq	96
85) Indeno(1,2,3-cd)pyrene	15.84	276	302824	36.87	nq	# 90
87) Benzo(b)fluoranthene	14.47	252	710574	75.55	nq	# 86
88) Benzo(k)fluoranthene	14.47	252	710574	91.06	nq	# 88
89) Benzo(a)pyrene	14.72	252	309701	38.86	nq	# 90
90) Dibenzo(a,h)anthracene	15.85	278	254038	41.25	nq	# 84
91) Benzo(g,h,i)perylene	16.16	276	250342	42.59	nq	# 76

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

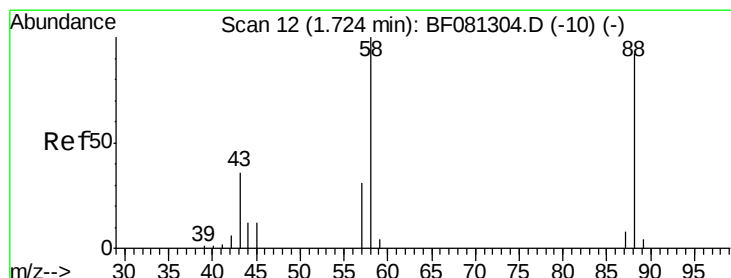
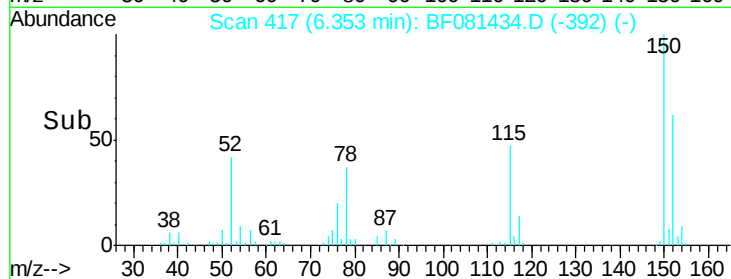
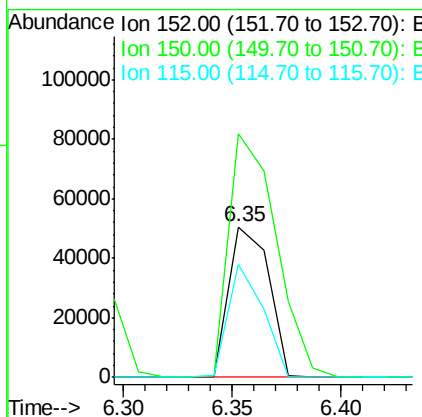
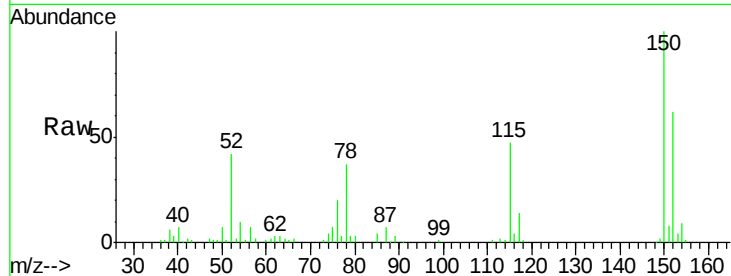


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

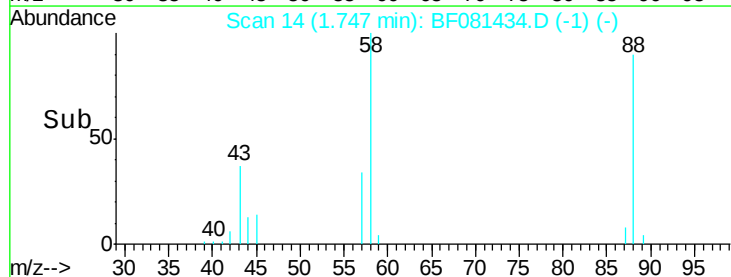
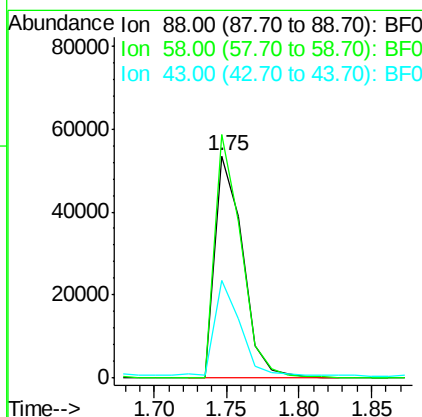
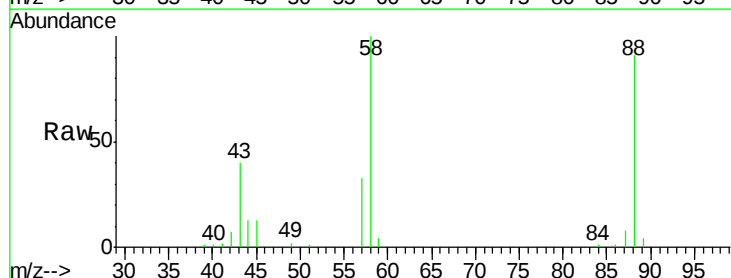
Tot Ion:152 Resp: 64684
Ion Ratio Lower Upper
152 100
150 161.5 124.7 187.1
115 75.3 39.0 58.4#

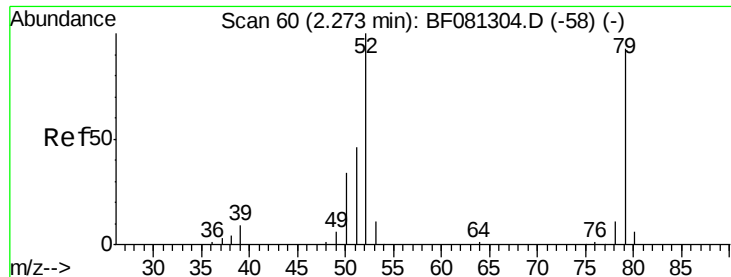


#2

1,4-Dioxane
Concen: 37.94 ng
RT: 1.75 min Scan# 14
Delta R.T. 0.07 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion: 88 Resp: 71040
Ion Ratio Lower Upper
88 100
58 104.0 77.7 116.5
43 41.0 26.6 40.0#





#3

Pvridine

Concen: 38.40 ng

RT: 2.28 min Scan# 61

Delta R.T. 0.06 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)MSD

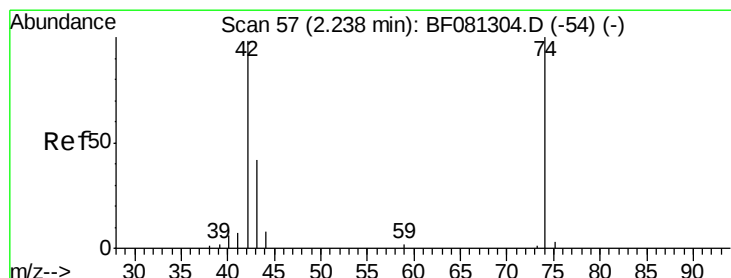
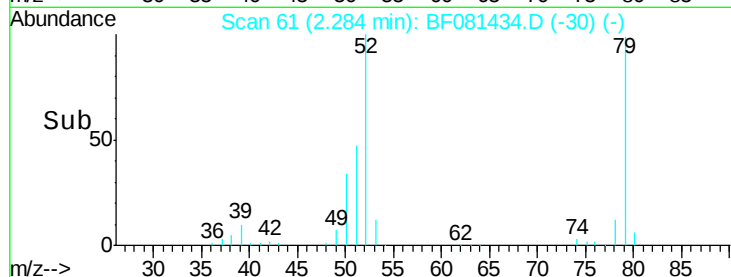
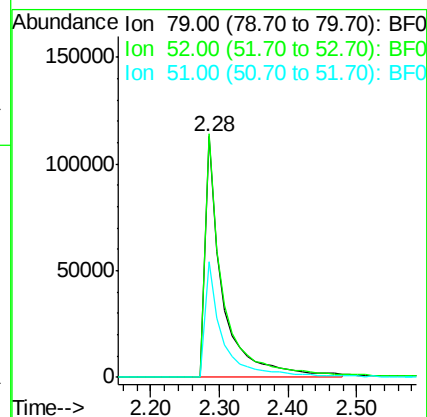
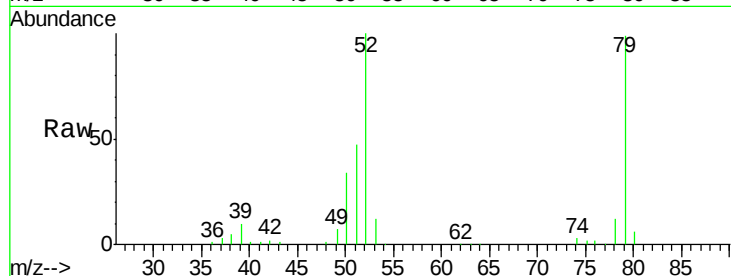
Tot Ion: 79 Resp: 198247

Ion Ratio Lower Upper

79 100

52 101.2 76.8 115.2

51 47.8 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 46.79 ng

RT: 2.25 min Scan# 58

Delta R.T. 0.06 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

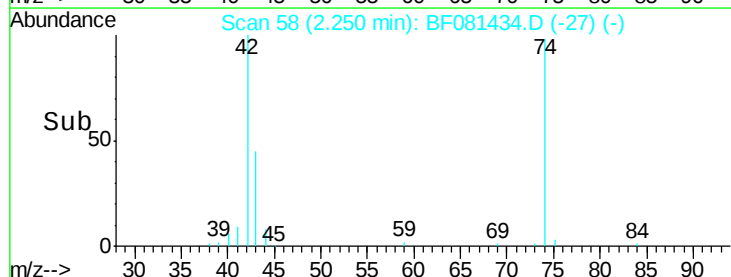
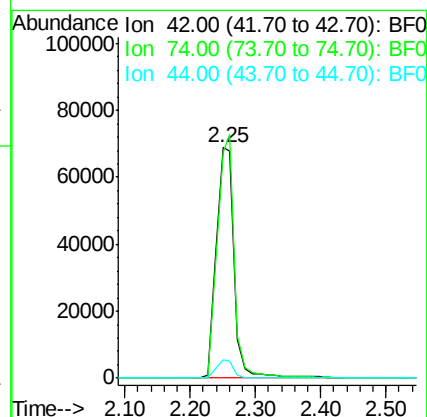
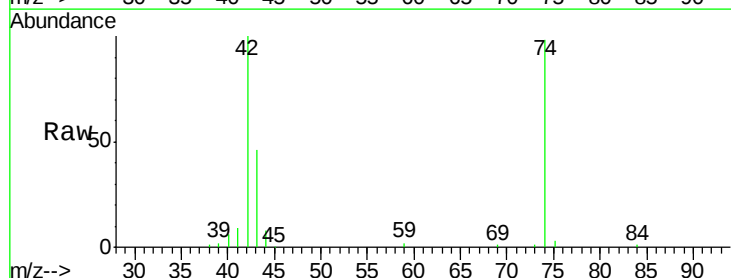
Tgt Ion: 42 Resp: 134207

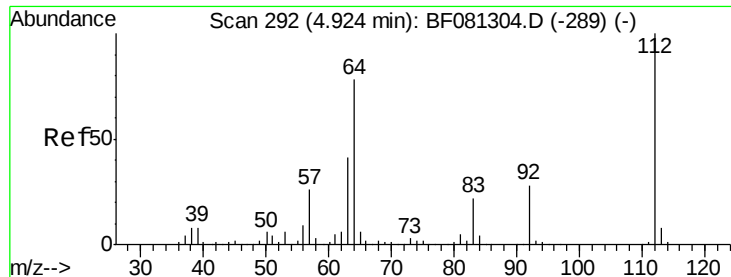
Ion Ratio Lower Upper

42 100

74 98.1 105.0 157.6#

44 7.8 6.6 10.0





#5

2-Fluorophenol

Concen: 121.23 ng

RT: 4.91 min Scan# 291

Delta R.T. 0.01 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)MSD

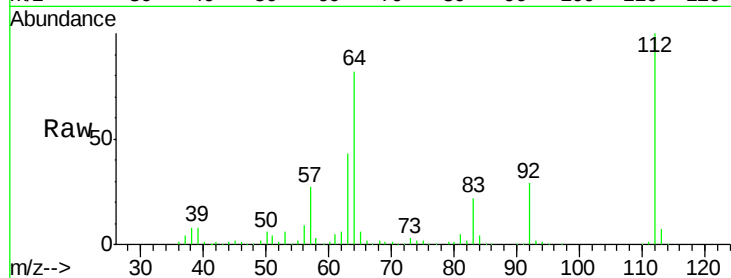
Tot Ion:112 Resp: 505415

Ion Ratio Lower Upper

112 100

64 81.5 39.7 59.5#

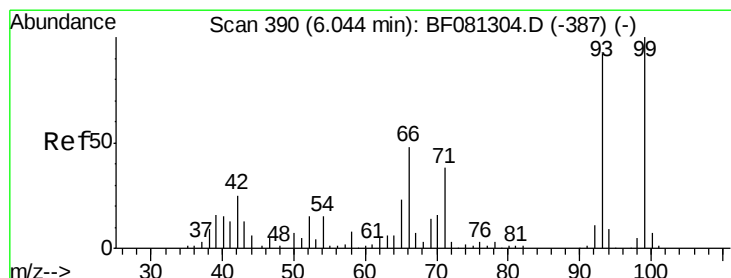
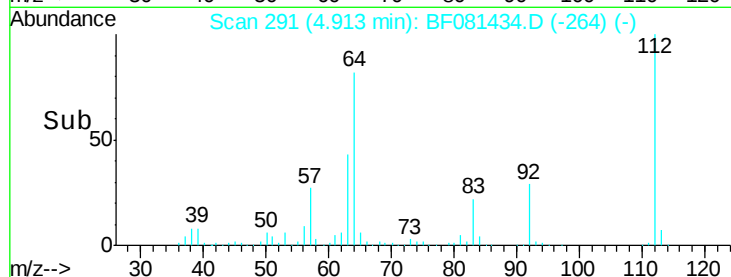
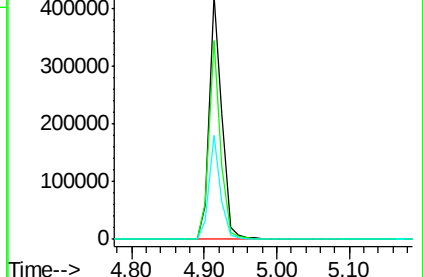
63 42.8 17.4 26.0#



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: 19.54 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

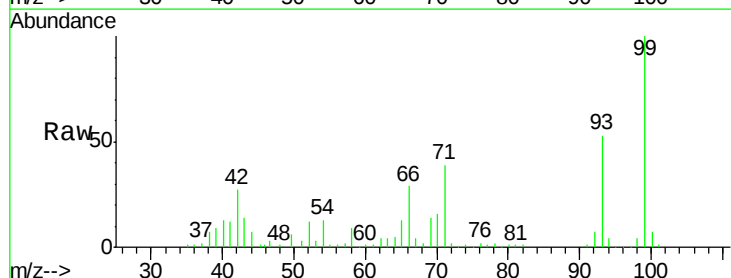
Tgt Ion: 93 Resp: 152268

Ion Ratio Lower Upper

93 100

66 54.2 27.2 40.8#

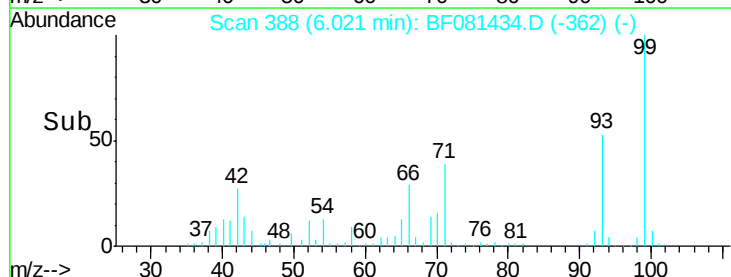
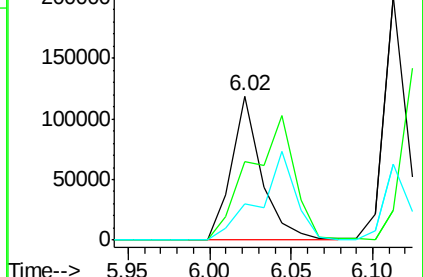
65 25.0 14.7 22.1#

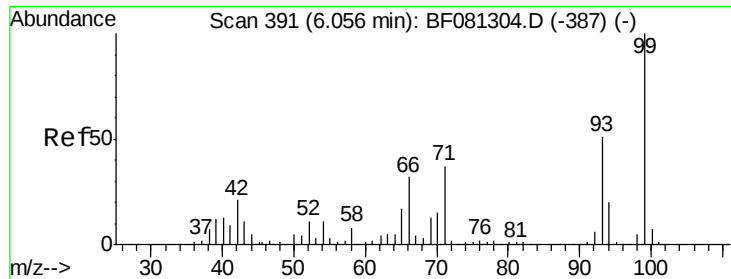


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.98 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)MSD

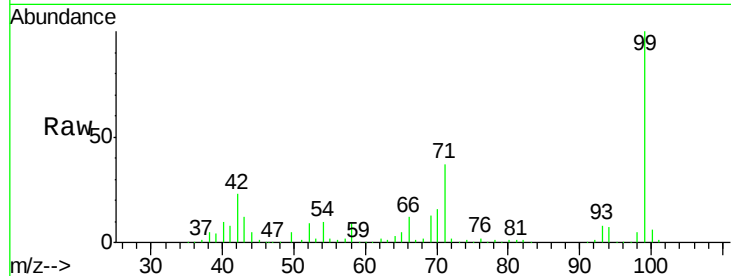
Tot Ion: 99 Resp: 717310

Ion Ratio Lower Upper

99 100

42 22.9 13.7 20.5#

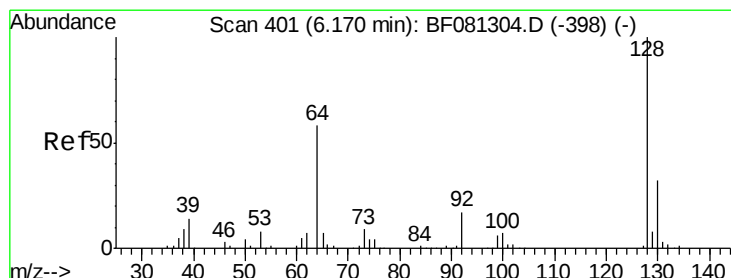
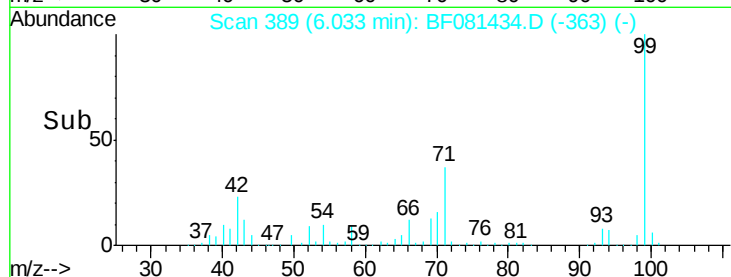
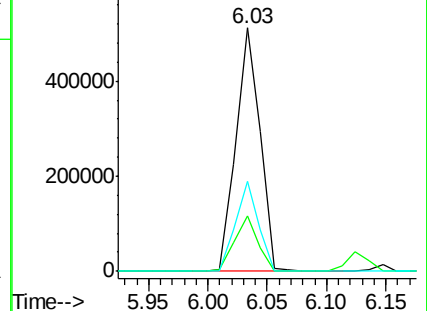
71 37.2 14.2 21.2#



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: 44.02 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

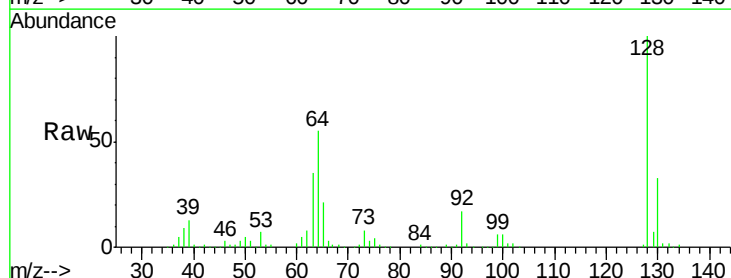
Tgt Ion: 128 Resp: 202243

Ion Ratio Lower Upper

128 100

130 33.1 12.2 52.2

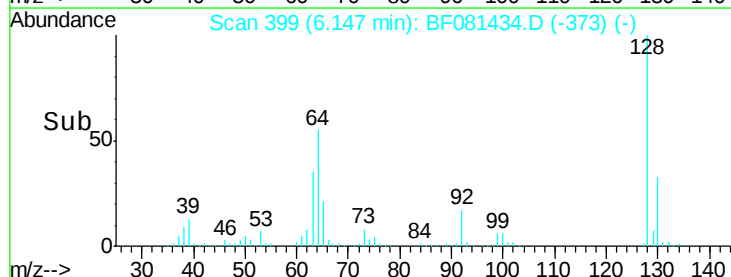
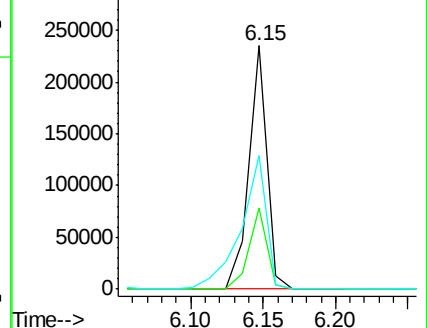
64 55.0 20.5 60.5

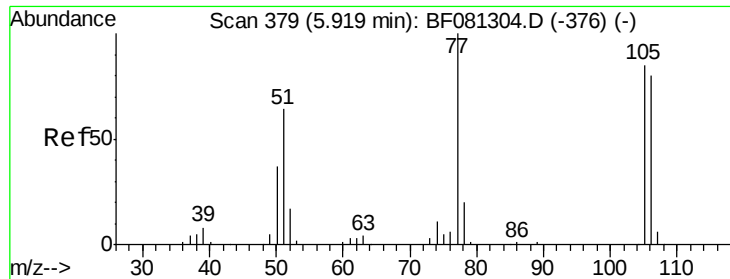


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

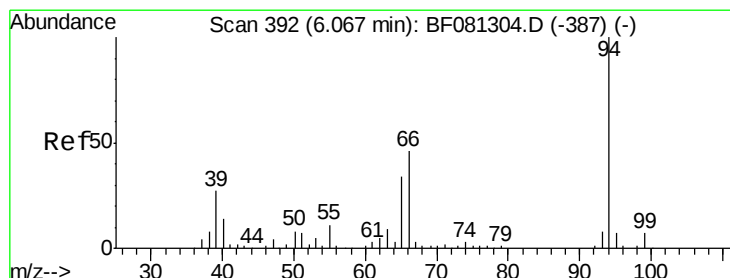
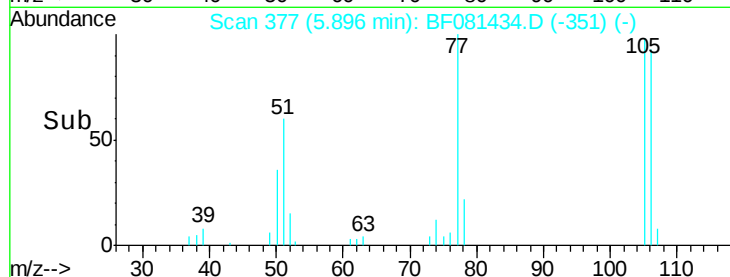
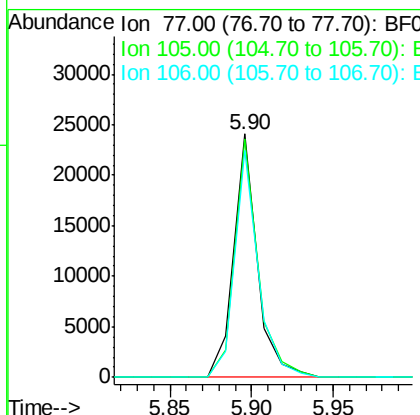
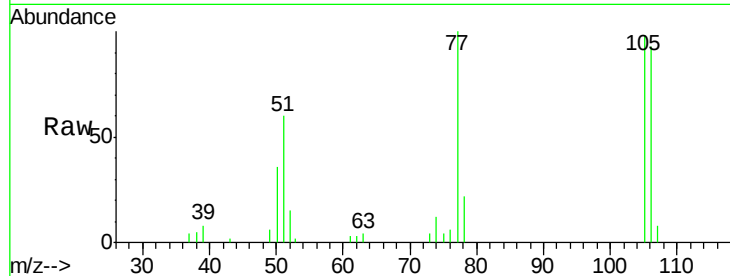




#9
Benzaldehyde
Concen: 6.93 ng
RT: 5.90 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

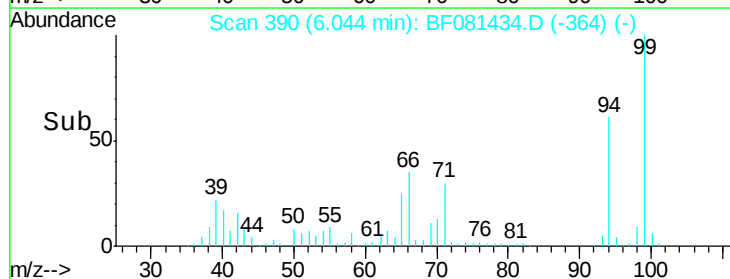
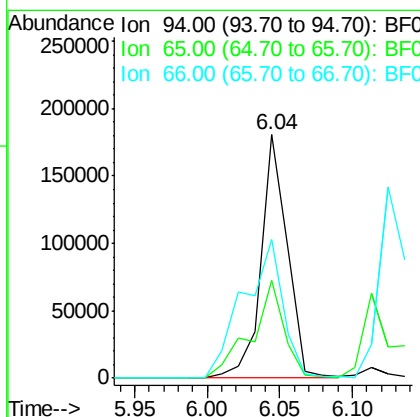
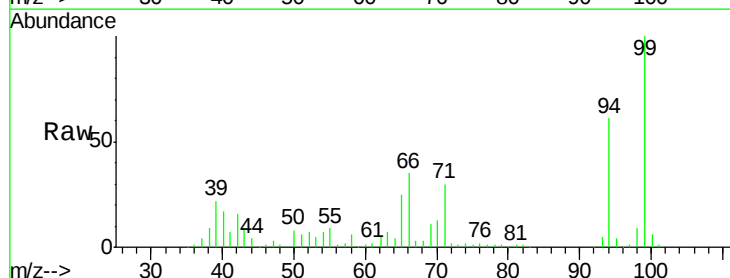
Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

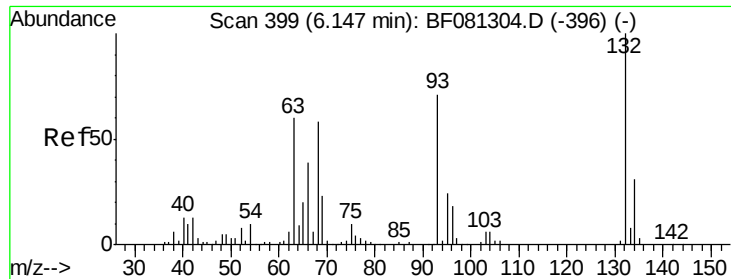
Tot Ion: 77 Resp: 23968
Ion Ratio Lower Upper
77 100
105 98.0 91.6 131.6
106 93.2 102.6 142.6#



#10
Phenol
Concen: 35.26 ng
RT: 6.04 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion: 94 Resp: 225676
Ion Ratio Lower Upper
94 100
65 40.2 0.7 40.7
66 57.1 0.8 40.8#

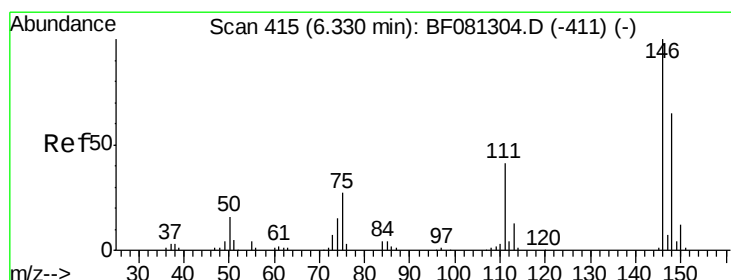
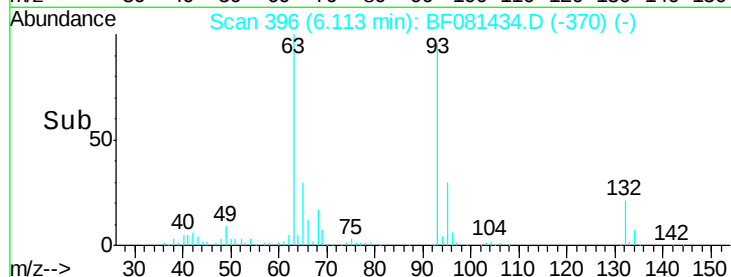
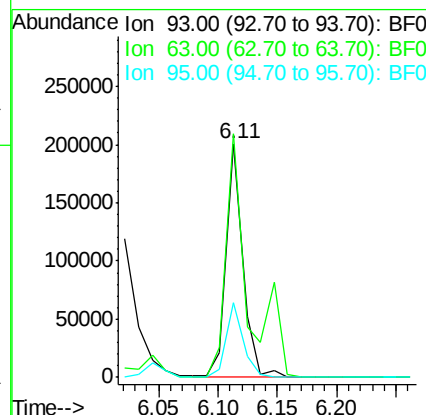
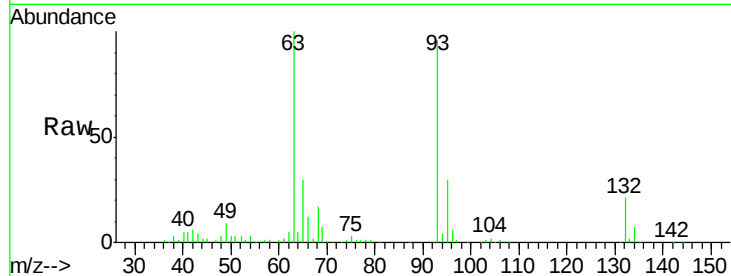




#11
bis(2-Chloroethyl)ether
Concen: 42.49 ng
RT: 6.11 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

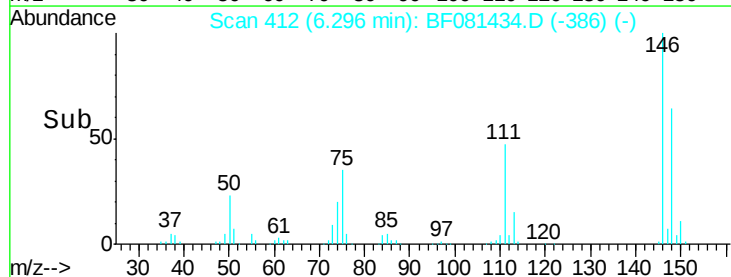
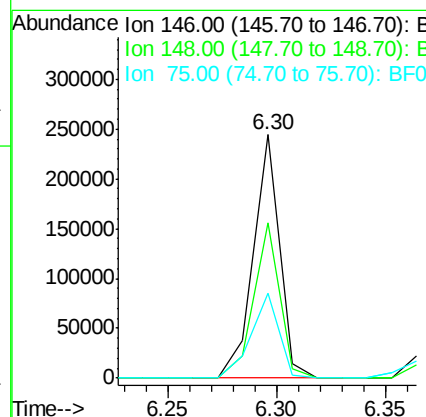
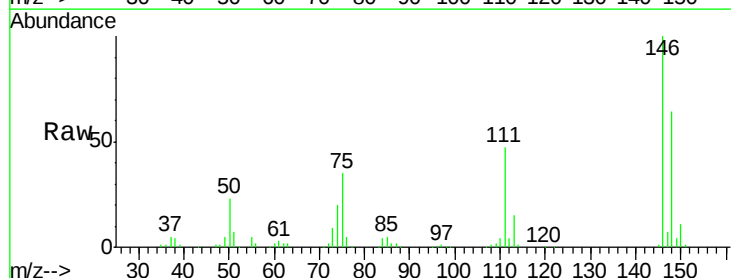
Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

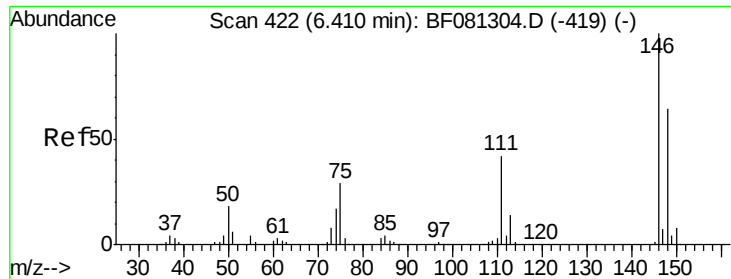
Tot Ion: 93 Resp: 196173
Ion Ratio Lower Upper
93 100
63 104.2 65.6 105.6
95 31.7 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 41.52 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion: 146 Resp: 203826
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
75 35.0 15.0 22.6#

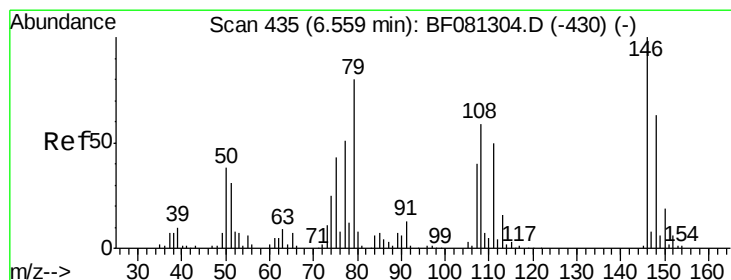
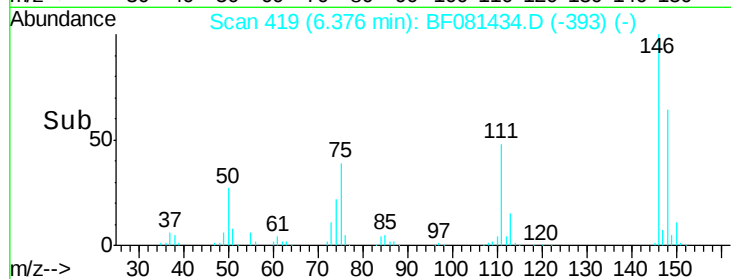
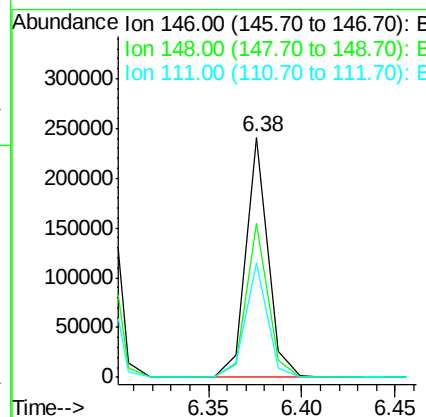
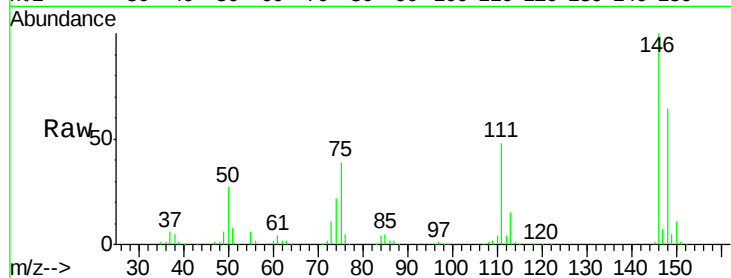




#13
 1,4-Dichlorobenzene
 Concen: 39.76 ng
 RT: 6.38 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

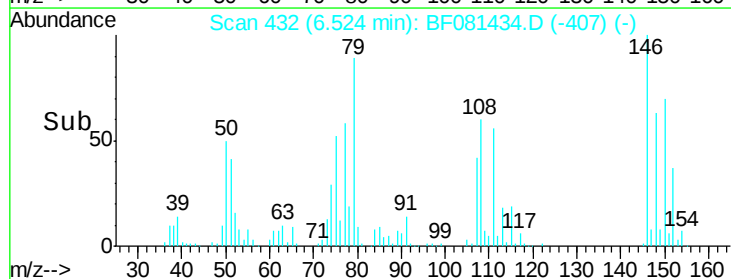
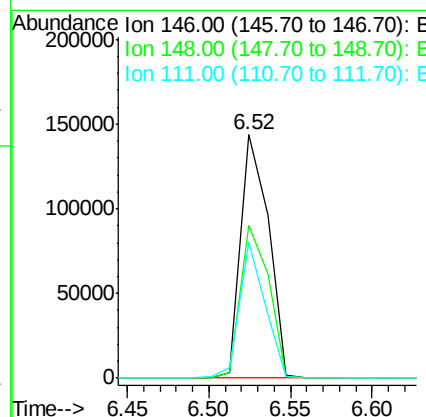
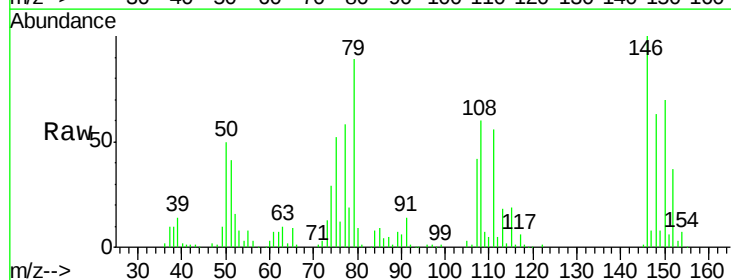
Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

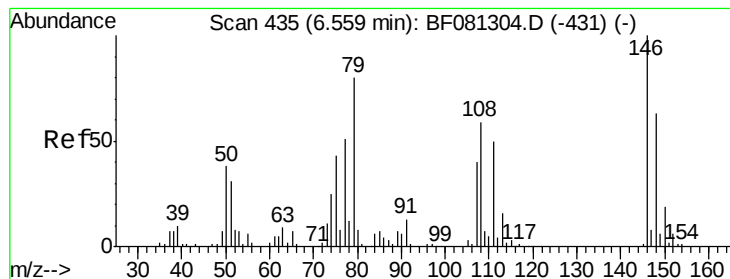
Tot Ion:146 Resp: 198692
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.8 77.6
 111 47.8 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 37.43 ng
 RT: 6.52 min Scan# 432
 Delta R.T. -0.01 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion:146 Resp: 168431
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.7 79.1
 111 55.9 28.8 43.2#





#15

Benzyl Alcohol

Concen: 41.83 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)MSD

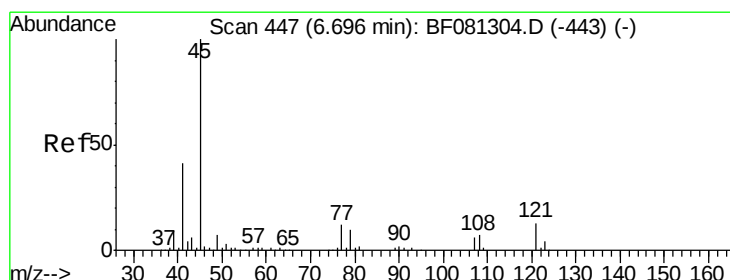
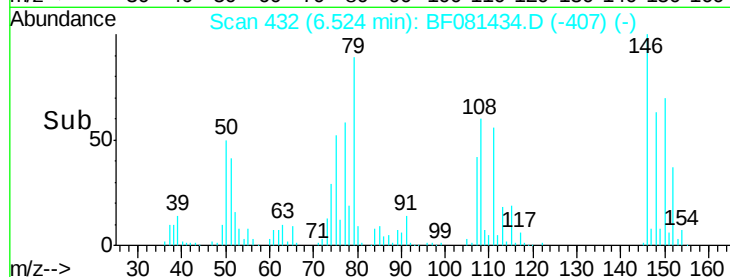
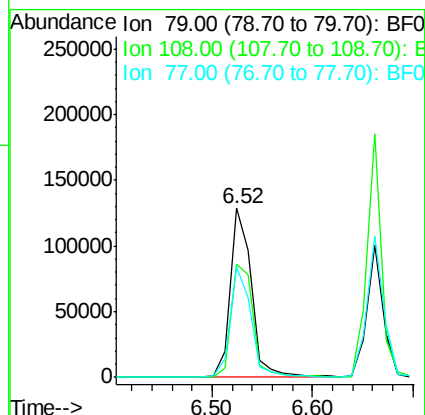
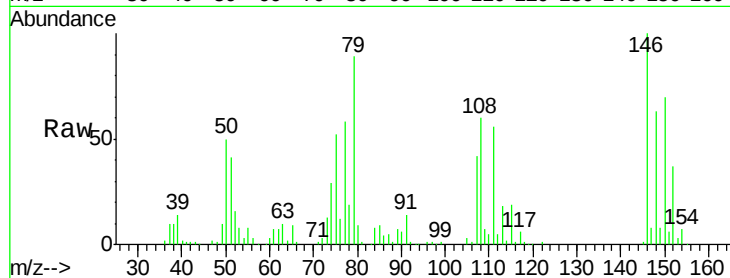
Tot Ion: 79 Resp: 189372

Ion Ratio Lower Upper

79 100

108 66.7 88.6 132.8#

77 65.2 47.0 70.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.98 ng

RT: 6.67 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

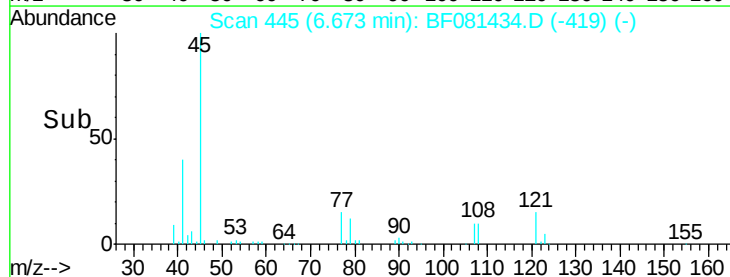
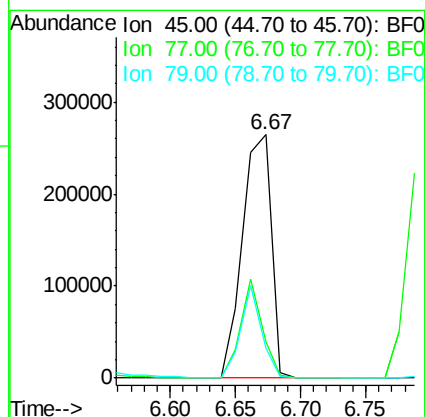
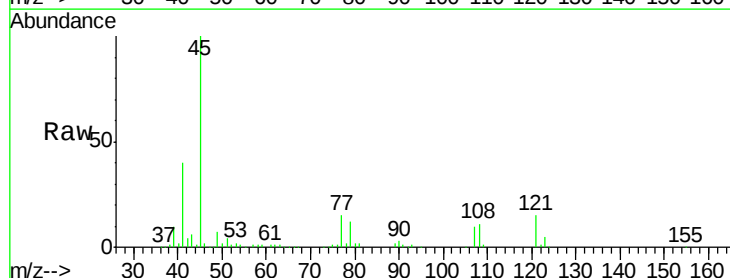
Tgt Ion: 45 Resp: 406915

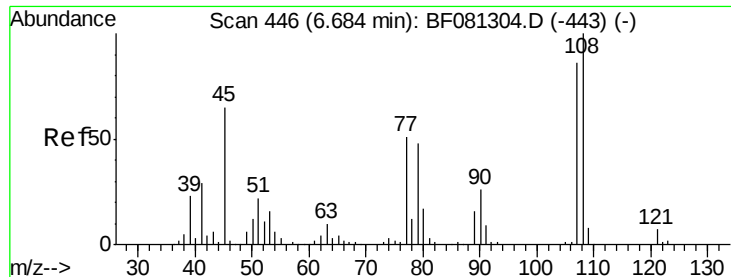
Ion Ratio Lower Upper

45 100

77 14.9 0.0 28.1

79 12.4 0.0 26.0

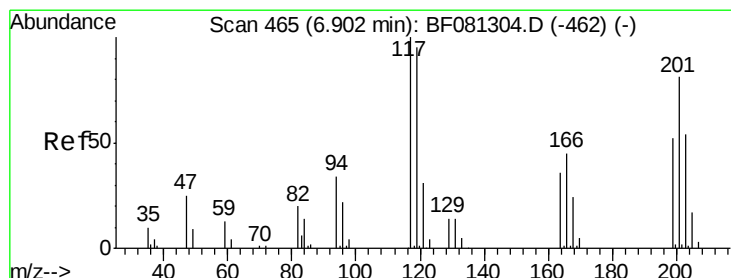
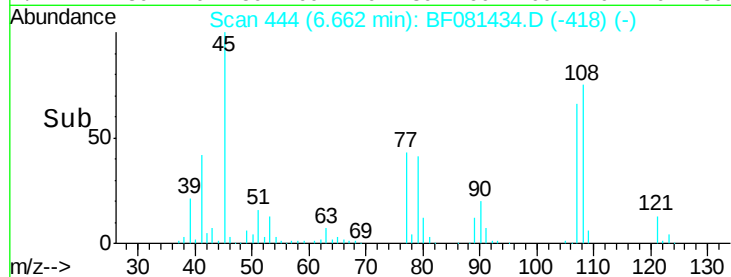
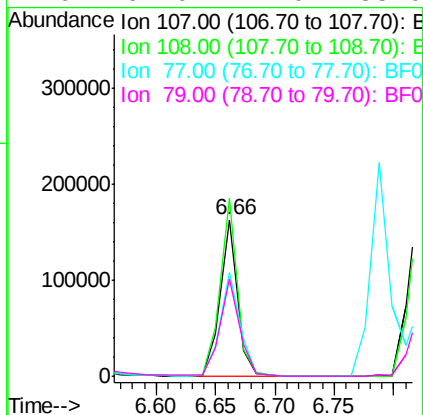
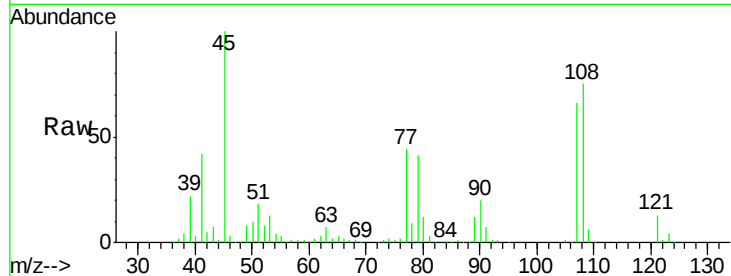




#17
 2-Methylphenol
 Concen: 44.83 ng
 RT: 6.66 min Scan# 444
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

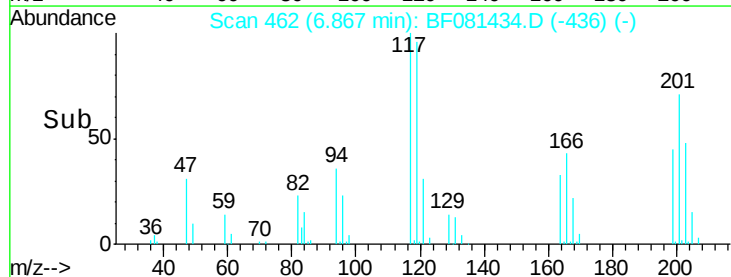
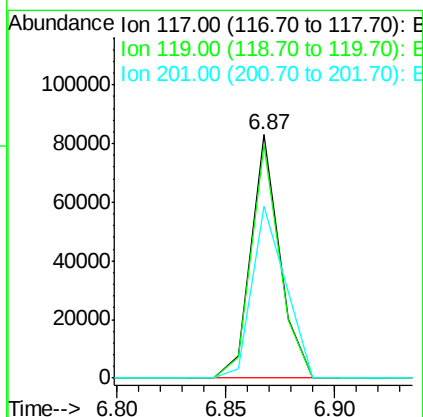
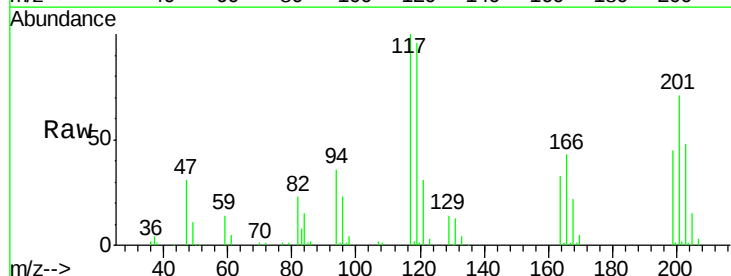
Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

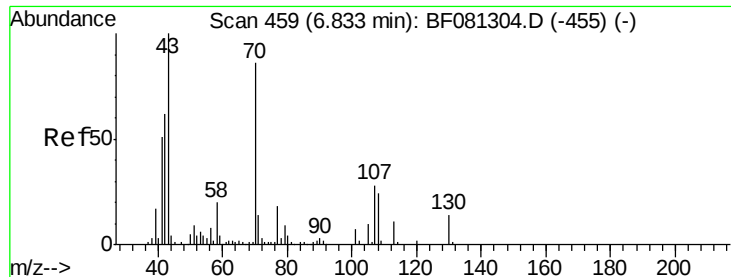
Tot Ion:	107	Resp:	164347
Ion	Ratio	Lower	Upper
107	100		
108	113.7	96.6	145.0
77	65.9	23.3	34.9#
79	62.0	22.0	33.0#



#18
 Hexachloroethane
 Concen: 39.17 ng
 RT: 6.87 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion:	117	Resp:	76170
Ion	Ratio	Lower	Upper
117	100		
119	96.0	83.8	125.6
201	70.8	55.1	82.7





#19

n-Nitroso-di-n-propylamine

Concen: 45.05 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)MSD

Tot Ion: 70 Resp: 169219

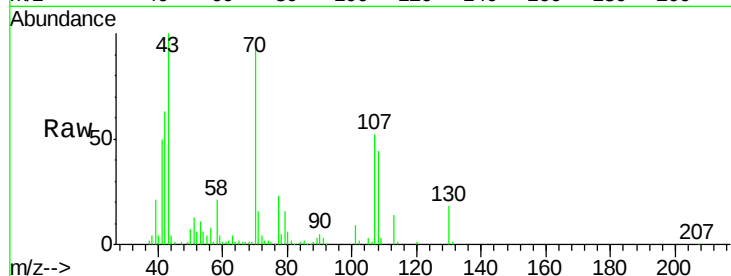
Ion Ratio Lower Upper

70 100

42 66.8 63.8 95.6

101 9.1 9.2 13.8#

130 18.8 27.3 40.9#



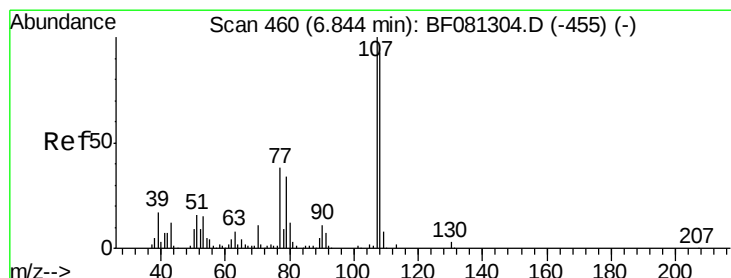
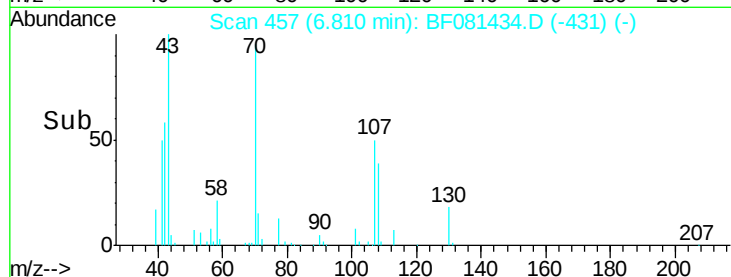
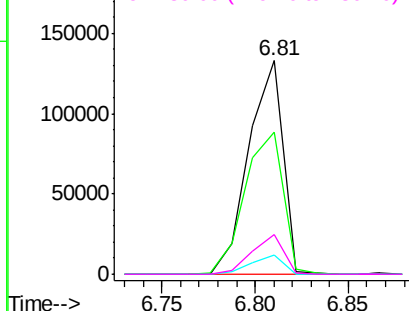
Abundance

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: 44.50 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Tgt Ion: 107 Resp: 219947

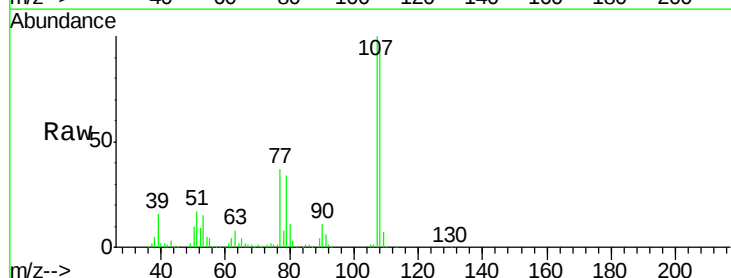
Ion Ratio Lower Upper

107 100

108 92.8 74.6 114.6

77 36.6 0.7 40.7

79 33.8 0.0 38.9



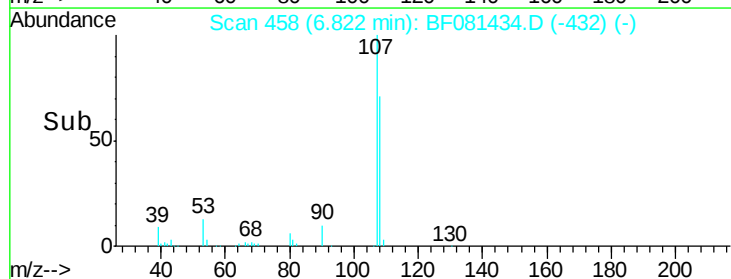
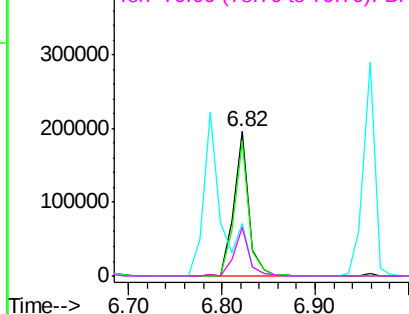
Abundance

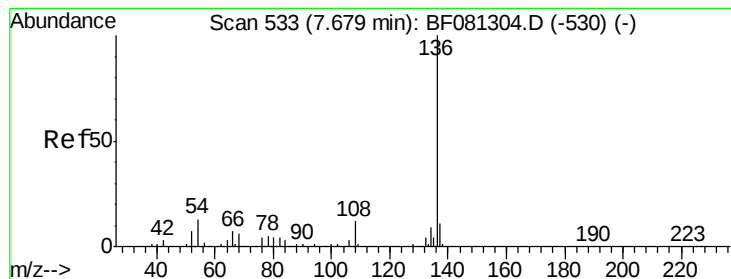
Ion 107.00 (106.70 to 107.70): E

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: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)MSD

Tot Ion:136 Resp: 252933

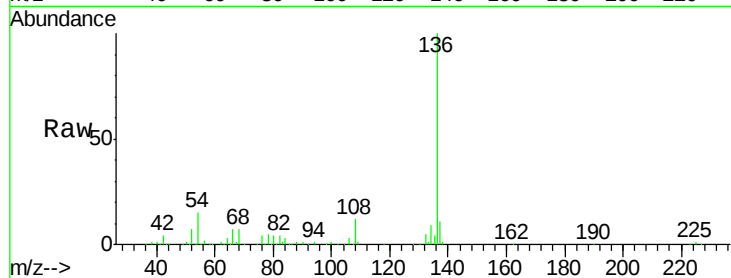
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 14.8 8.2 12.2#

68 6.8 5.8 8.6

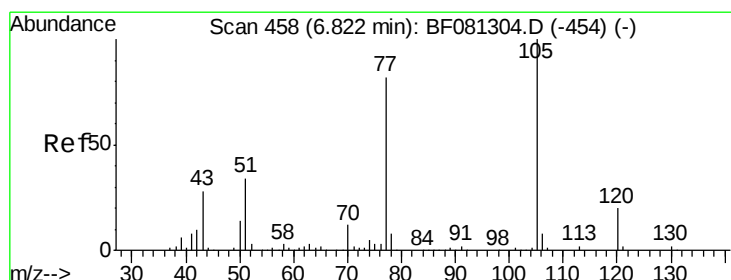
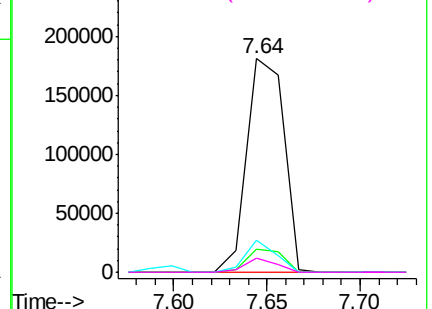
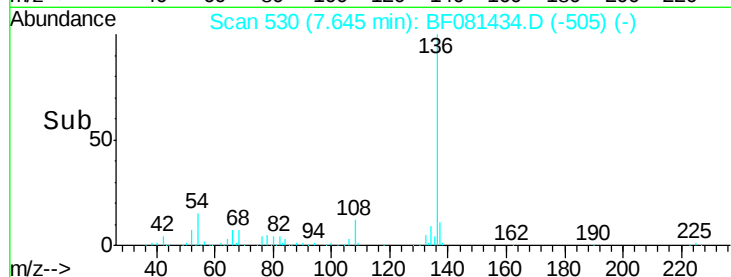


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.41 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Tgt Ion:105 Resp: 292990

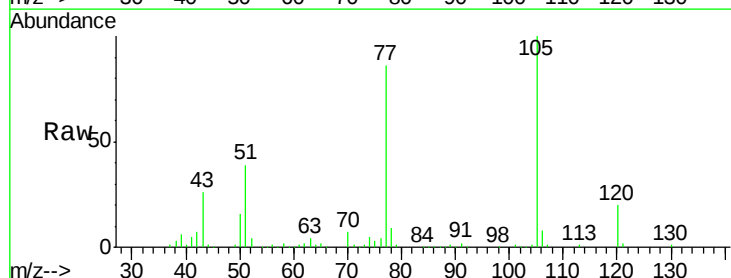
Ion Ratio Lower Upper

105 100

71 1.3 4.7 7.1#

51 38.8 22.0 33.0#

120 20.4 30.1 45.1#

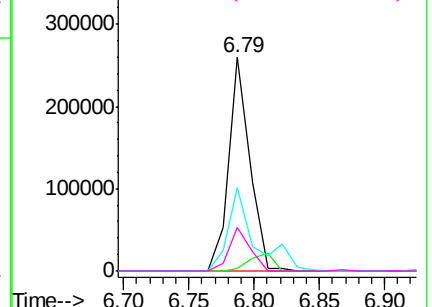
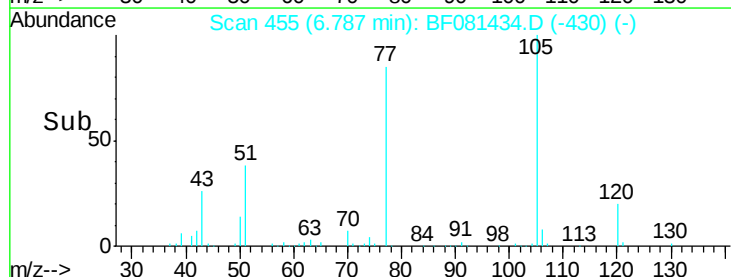


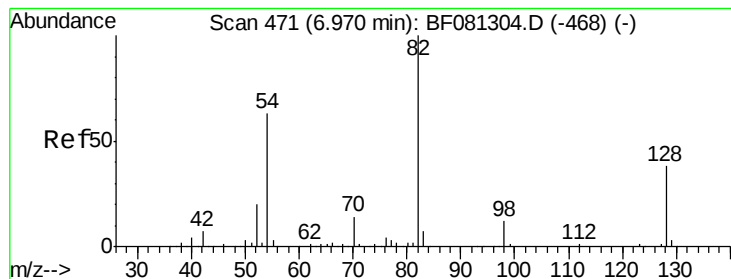
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 88.15 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)MSD

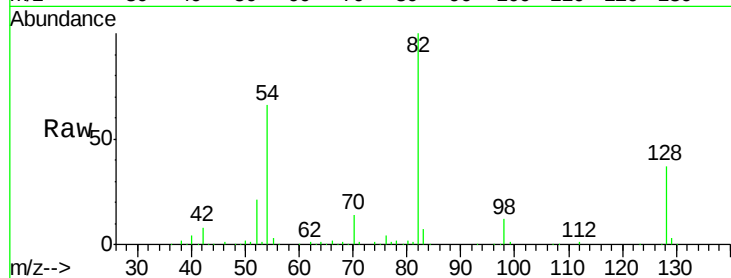
Tot Ion: 82 Resp: 462135

Ion Ratio Lower Upper

82 100

128 36.6 51.0 76.6#

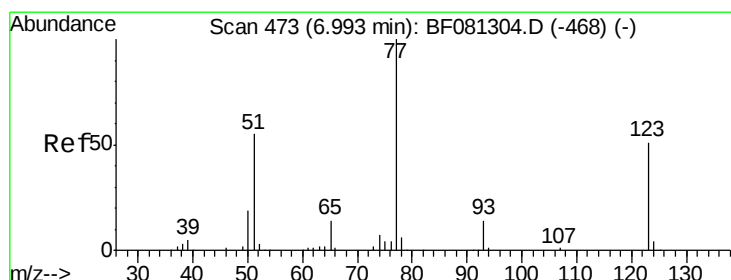
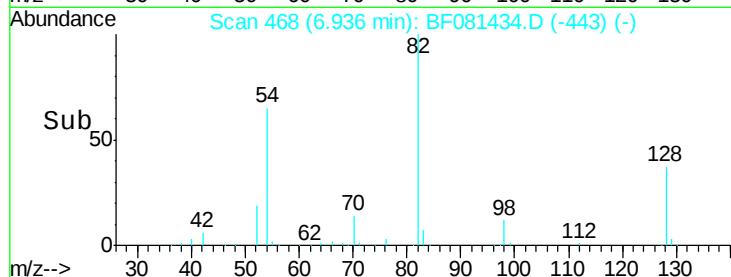
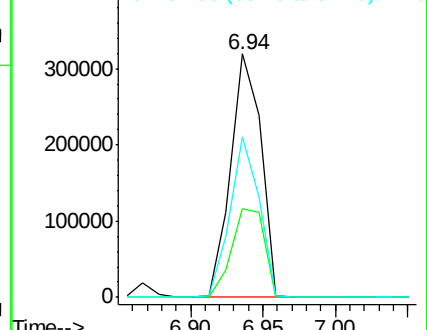
54 66.1 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 46.22 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

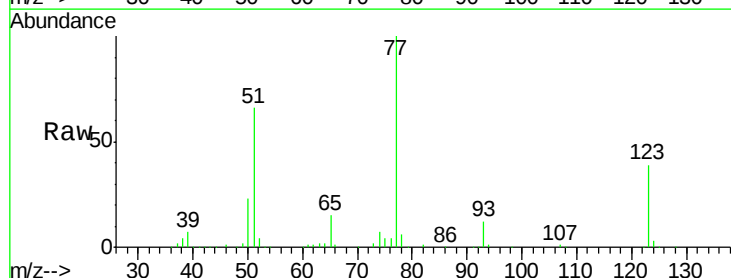
Tgt Ion: 77 Resp: 251624

Ion Ratio Lower Upper

77 100

123 38.9 59.8 89.8#

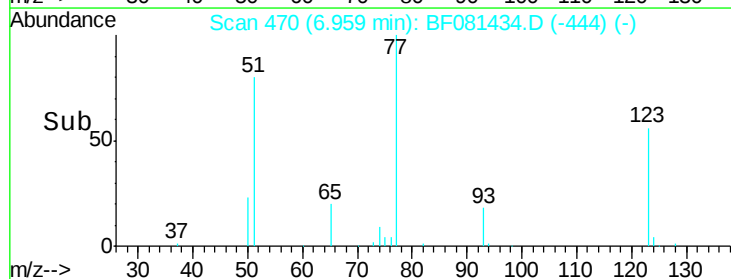
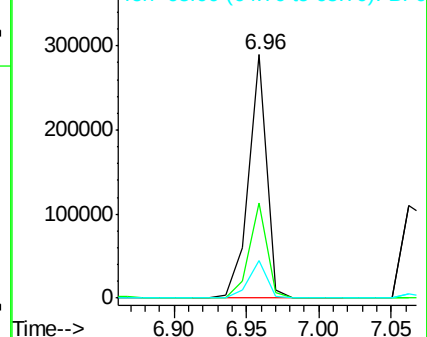
65 15.3 10.2 15.4

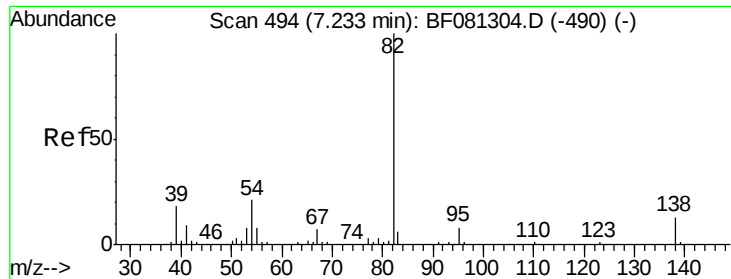


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.50 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)MSD

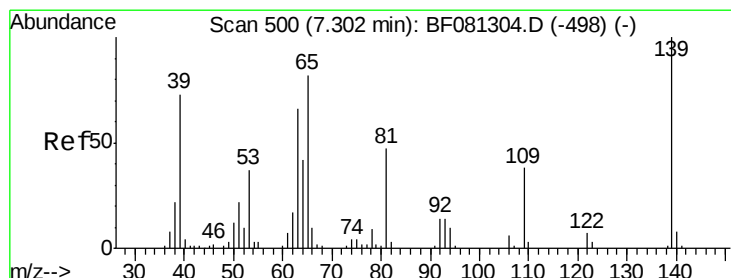
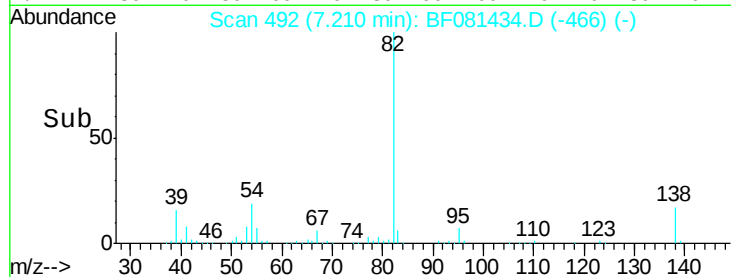
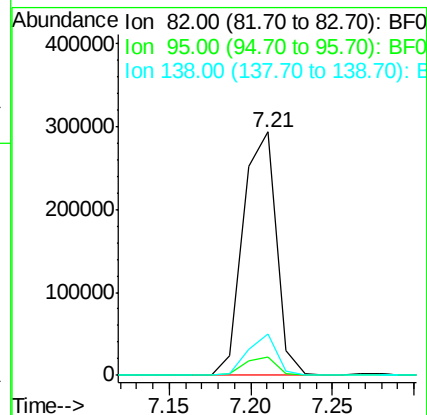
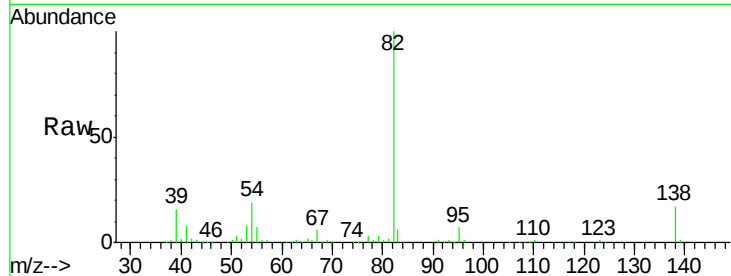
Tot Ion: 82 Resp: 414465

Ion Ratio Lower Upper

82 100

95 7.3 4.0 6.0#

138 16.7 18.3 27.5#



#26

2-Nitrophenol

Concen: 45.44 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

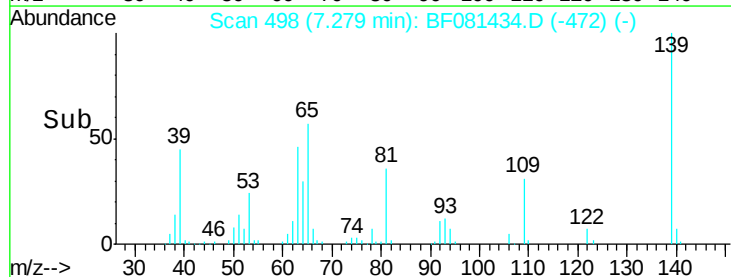
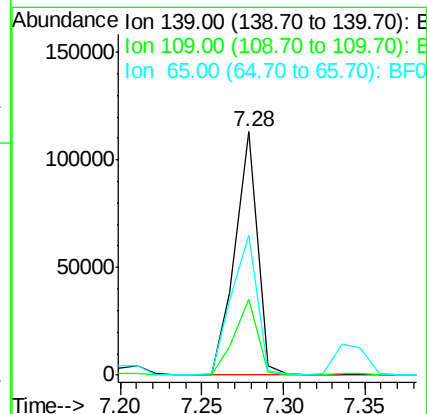
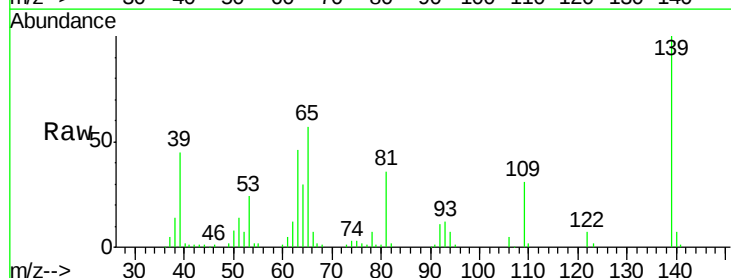
Tgt Ion: 139 Resp: 107831

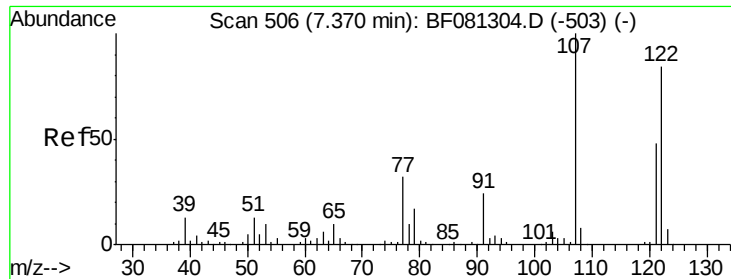
Ion Ratio Lower Upper

139 100

109 31.1 11.0 16.4#

65 57.4 24.7 37.1#

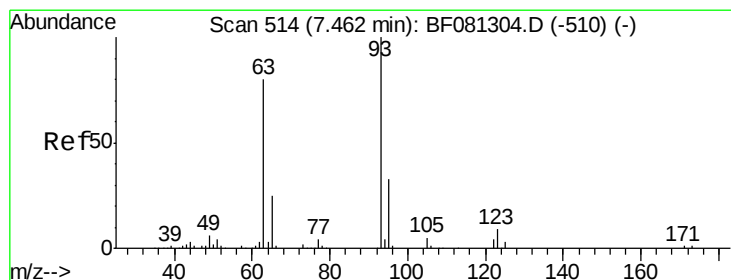
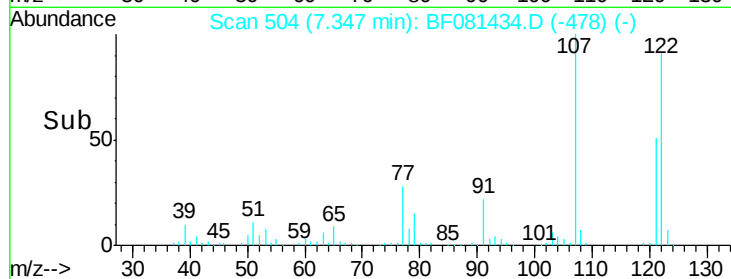
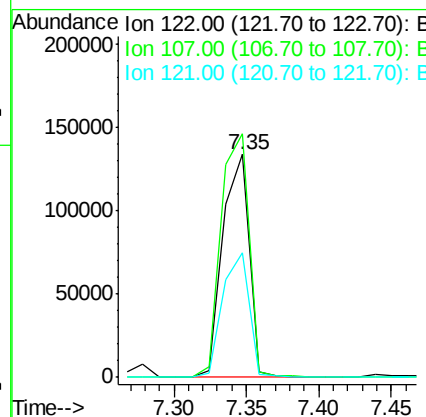
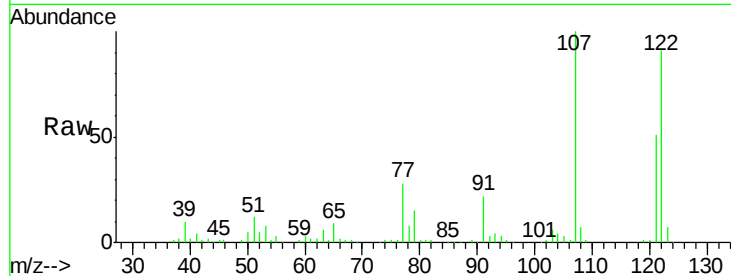




#27
 2,4-Dimethylphenol
 Concen: 41.59 ng
 RT: 7.35 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

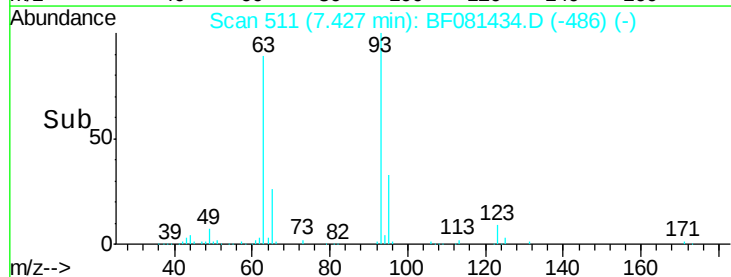
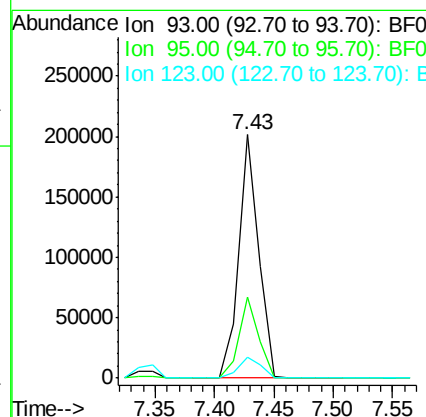
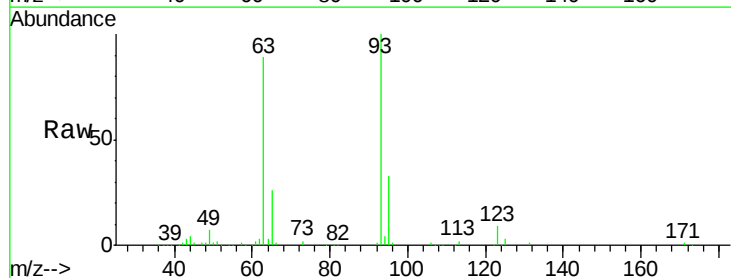
Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

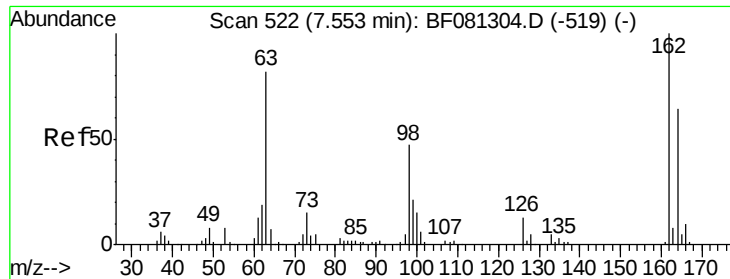
Tot Ion:122 Resp: 170467
 Ion Ratio Lower Upper
 122 100
 107 109.4 71.8 107.6#
 121 55.8 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.62 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion: 93 Resp: 234448
 Ion Ratio Lower Upper
 93 100
 95 33.0 27.5 41.3
 123 8.7 13.7 20.5#

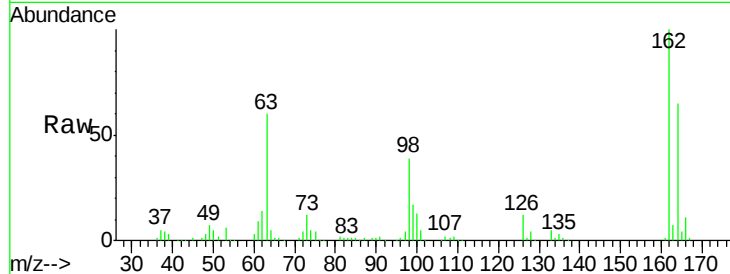




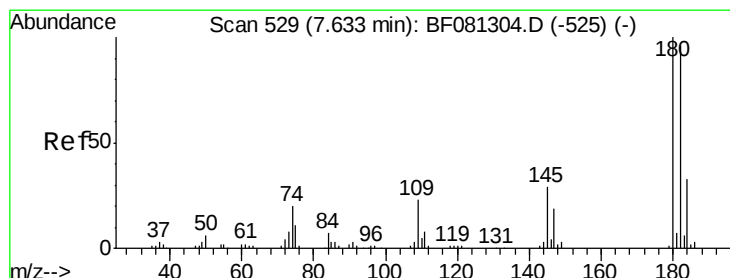
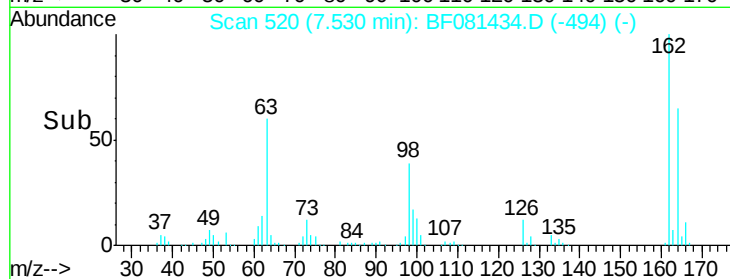
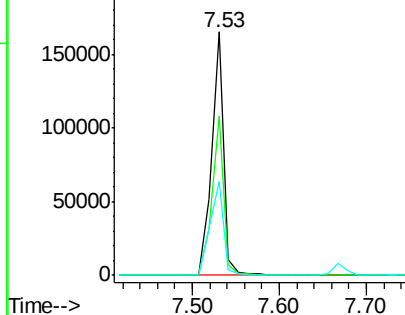
#29
 2,4-Dichlorophenol
 Concen: 45.17 ng
 RT: 7.53 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Tot Ion:162	Resp:	160525
Ion Ratio	Lower	Upper
162	100	
164	65.2	44.9 84.9
98	38.8	13.0 53.0

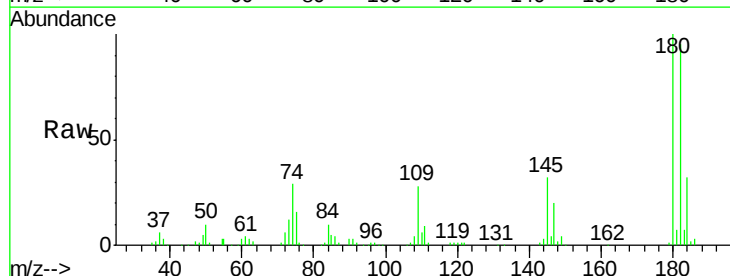


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

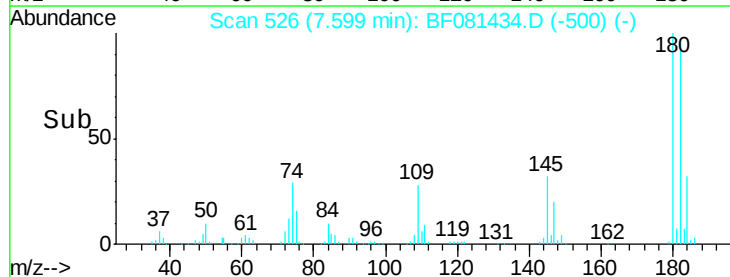
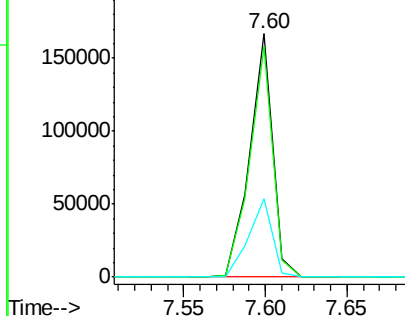


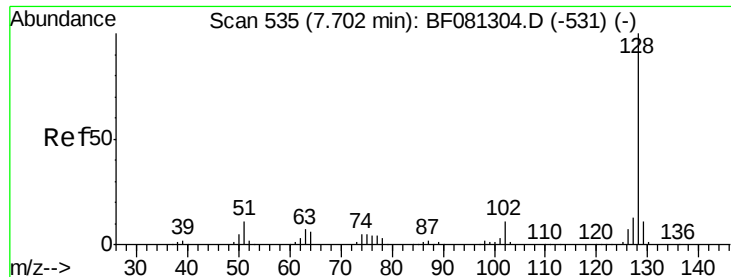
#30
 1,2,4-Trichlorobenzene
 Concen: 42.19 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion:180	Resp:	162905
Ion Ratio	Lower	Upper
180	100	
182	95.1	77.1 115.7
145	32.4	23.3 34.9



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

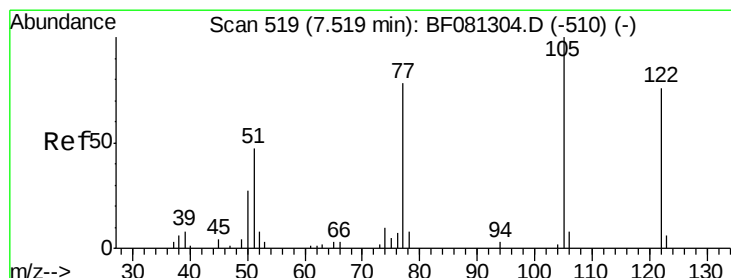
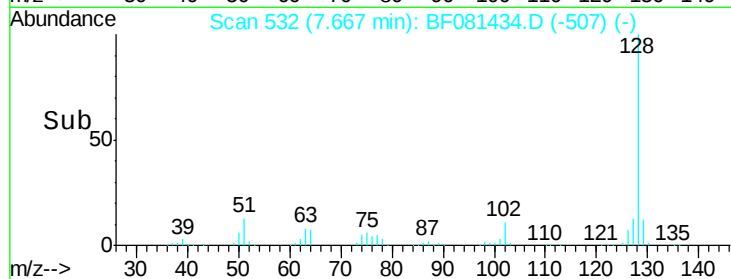
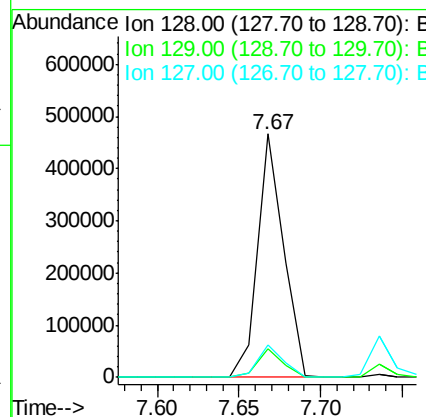
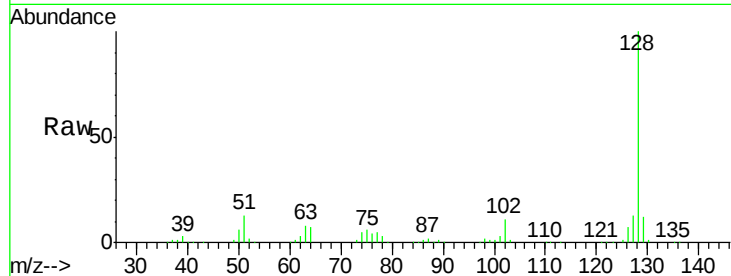




#31
Naphthalene
Concen: 38.17 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

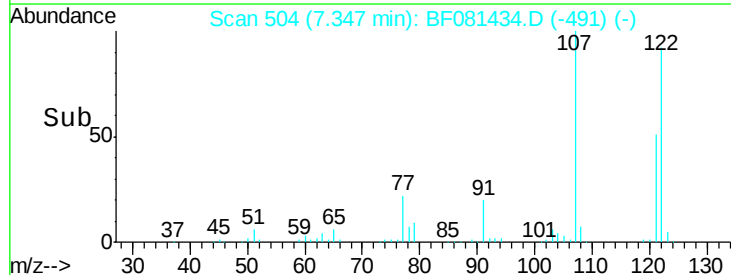
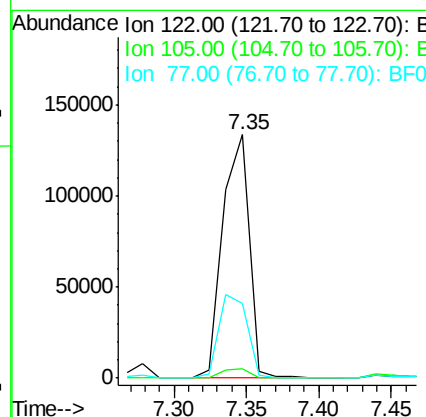
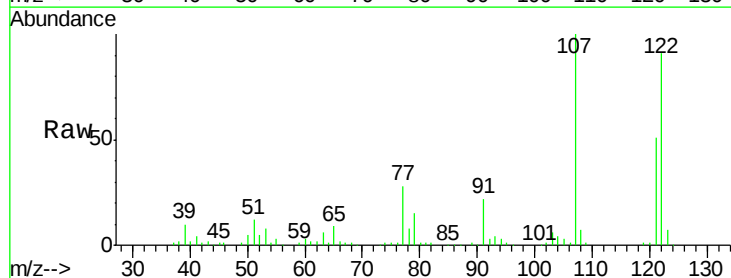
Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

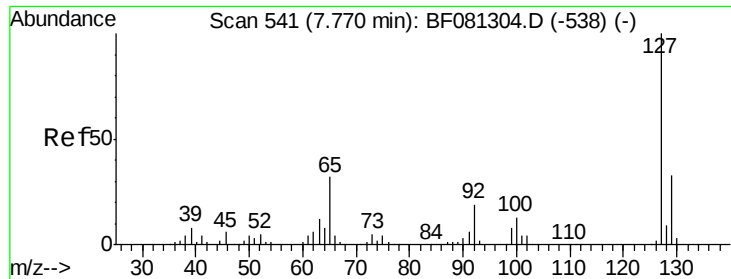
Tot Ion:128 Resp: 514824
Ion Ratio Lower Upper
128 100
129 11.5 8.4 12.6
127 13.1 9.9 14.9



#32
Benzoic acid
Concen: 57.72 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.15 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion:122 Resp: 170467
Ion Ratio Lower Upper
122 100
105 3.6 76.1 116.1#
77 30.8 40.5 80.5#

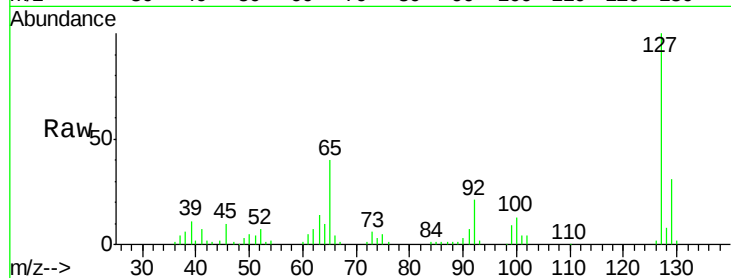




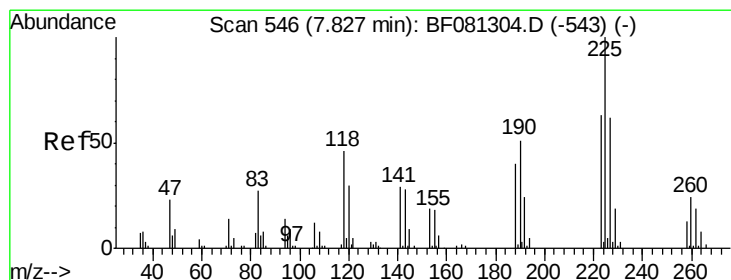
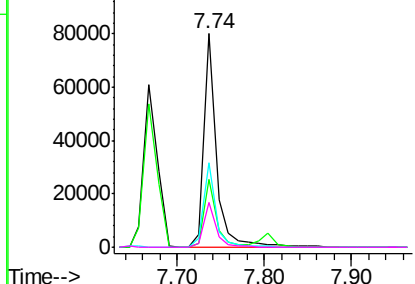
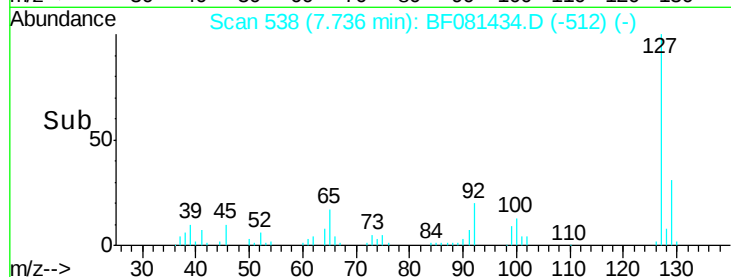
#33
 4-Chloroaniline
 Concen: 14.66 ng
 RT: 7.74 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Tot Ion:127 Resp: 80641
 Ion Ratio Lower Upper
 127 100
 129 31.5 25.8 38.6
 65 39.7 17.9 26.9#
 92 21.1 10.5 15.7#

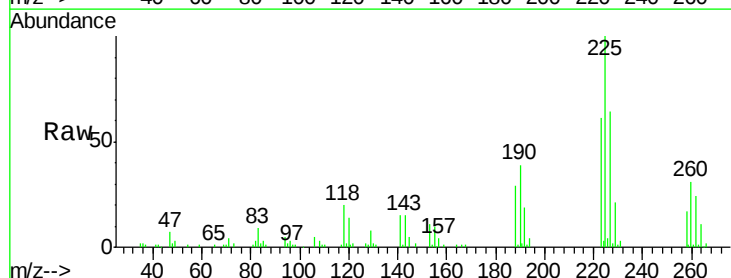


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

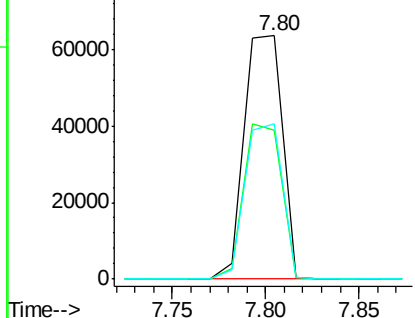
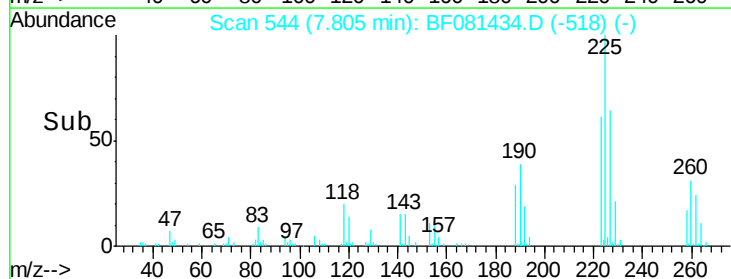


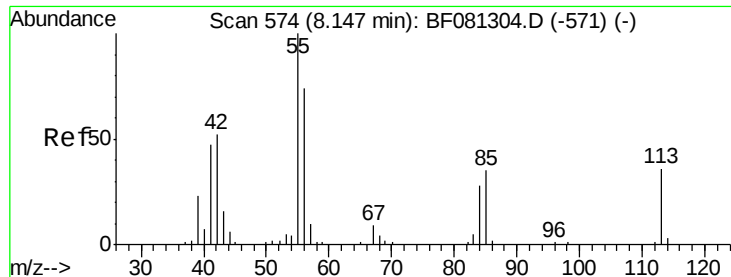
#34
 Hexachlorobutadiene
 Concen: 38.30 ng
 RT: 7.80 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion:225 Resp: 89982
 Ion Ratio Lower Upper
 225 100
 223 61.1 50.2 75.2
 227 63.6 52.2 78.2



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: 23.78 ng

RT: 8.12 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)MSD

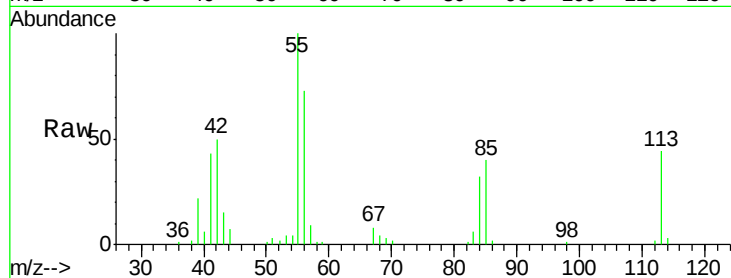
Tot Ion:113 Resp: 25925

Ion Ratio Lower Upper

113 100

55 228.1 152.4 192.4#

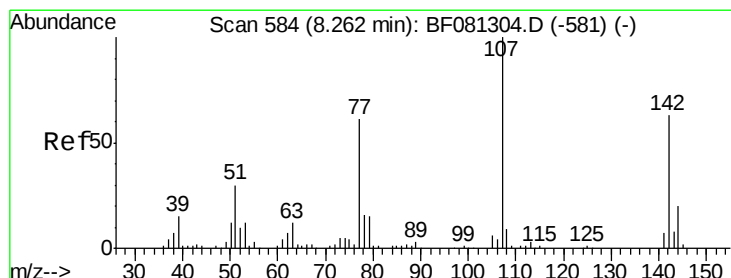
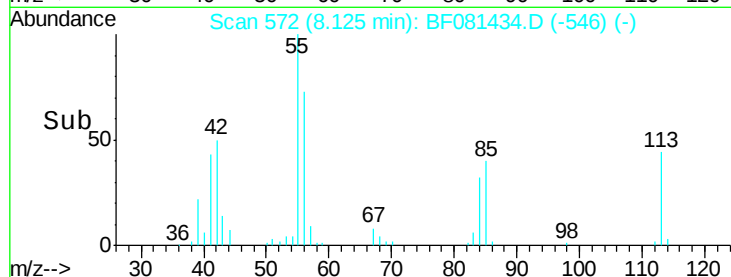
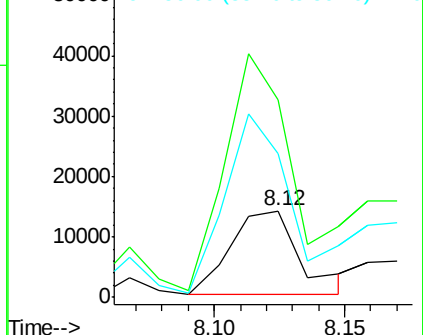
56 165.5 104.6 144.6#



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: 48.50 ng

RT: 8.25 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

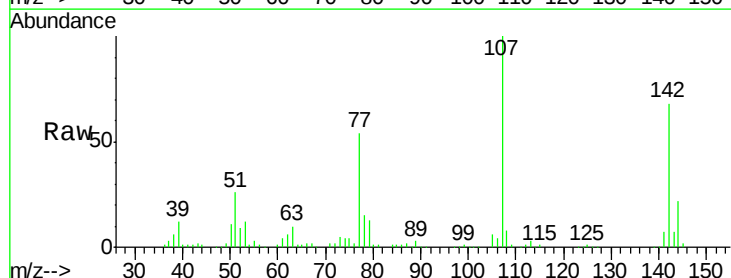
Tgt Ion:107 Resp: 192914

Ion Ratio Lower Upper

107 100

144 21.5 25.4 38.0#

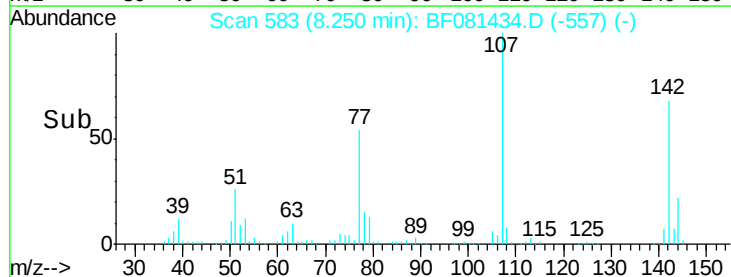
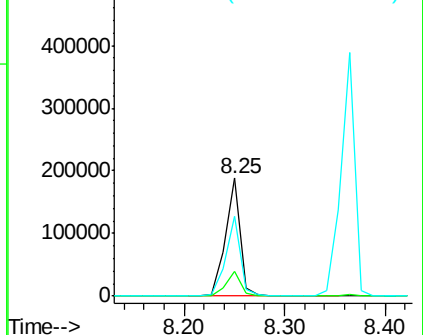
142 68.1 77.3 115.9#

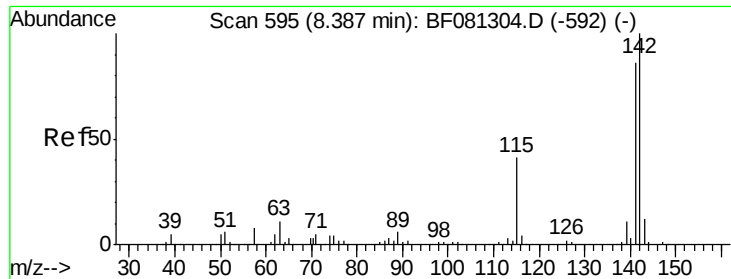


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

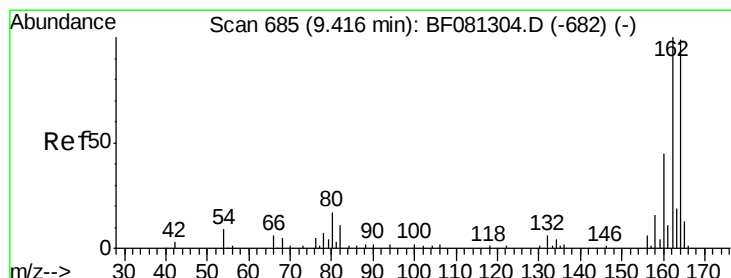
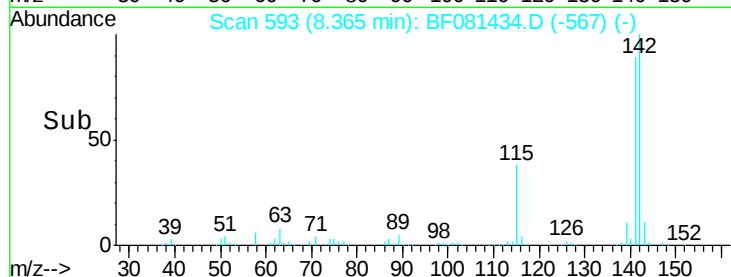
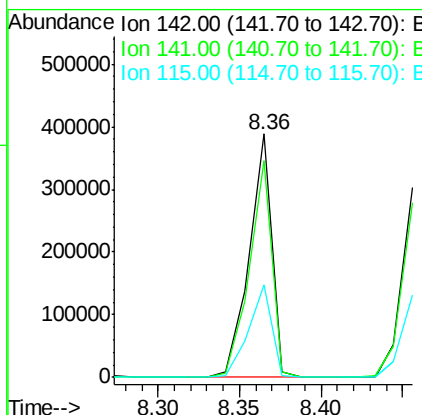
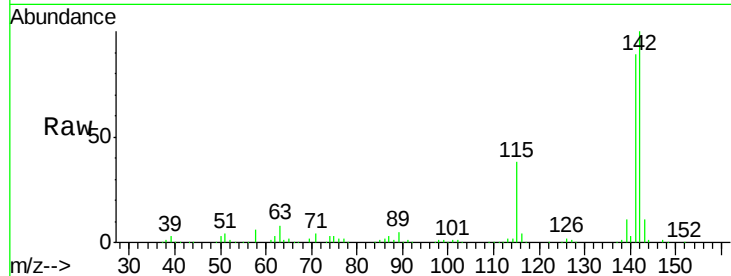




#37
 2-Methylnaphthalene
 Concen: 42.47 ng
 RT: 8.36 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

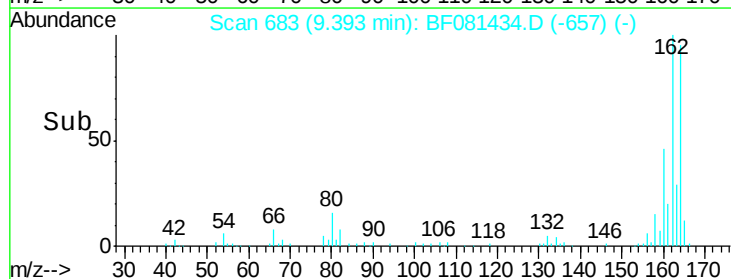
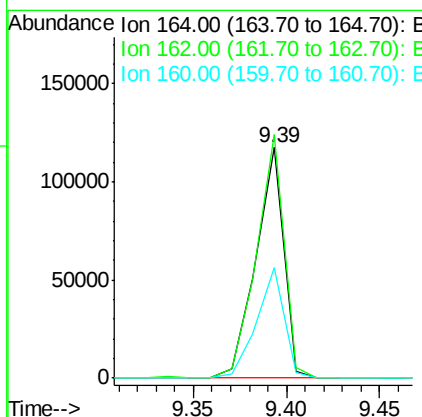
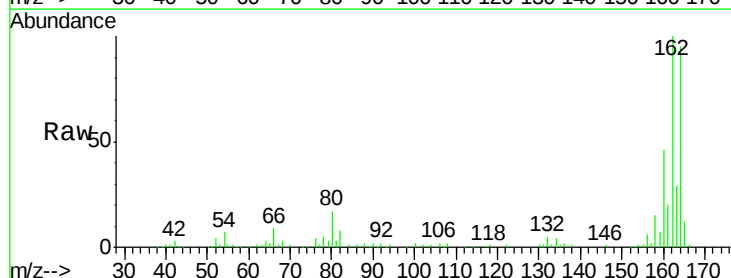
Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

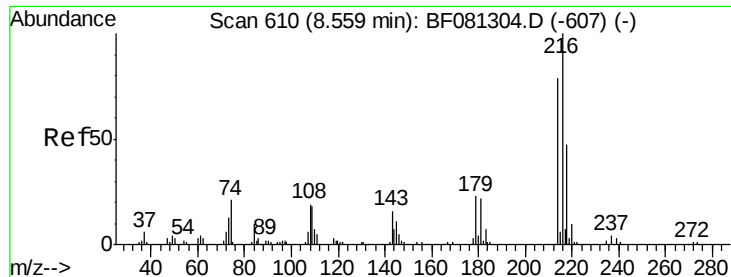
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	67.5	101.3
115	38.0	18.2	27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	75.2	112.8
160	48.2	31.5	47.3#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.71 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)MSD

Tot Ion:216 Resp: 140279

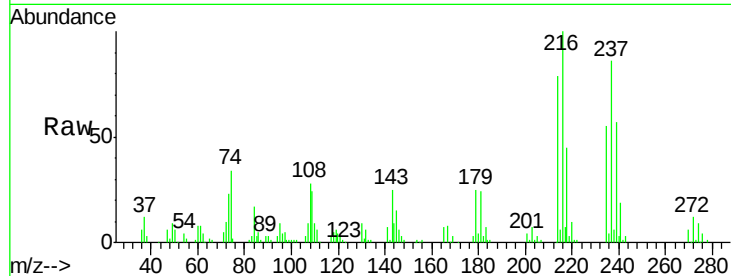
Ion Ratio Lower Upper

216 100

214 79.0 63.5 95.3

179 22.3 16.6 24.8

108 22.7 16.3 24.5

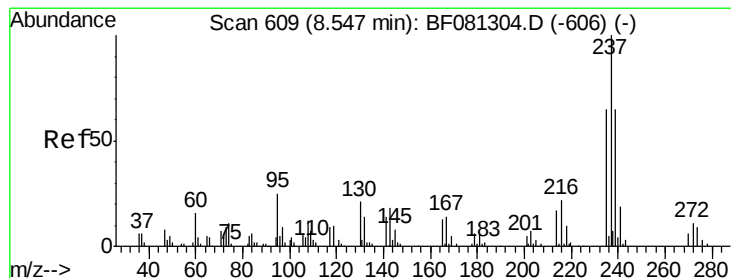
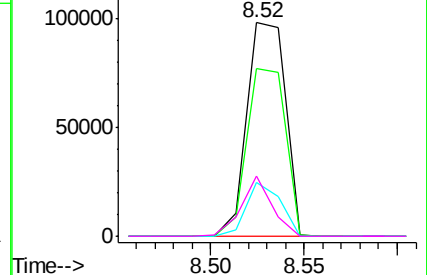
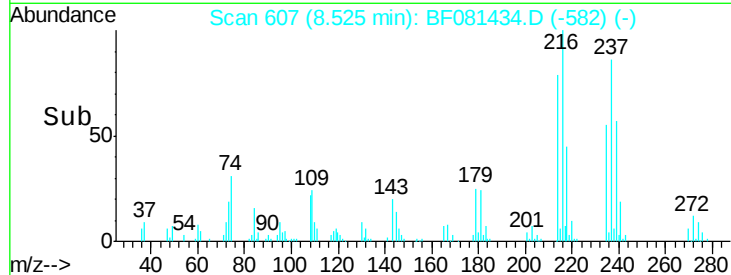


Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.51 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

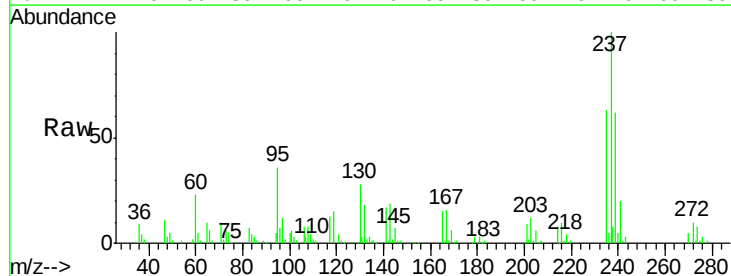
Tgt Ion:237 Resp: 139741

Ion Ratio Lower Upper

237 100

235 63.5 42.0 82.0

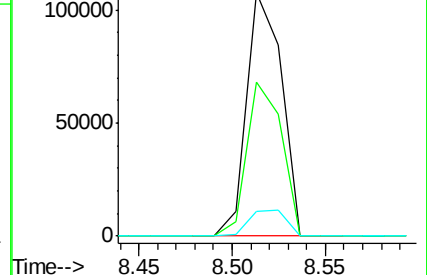
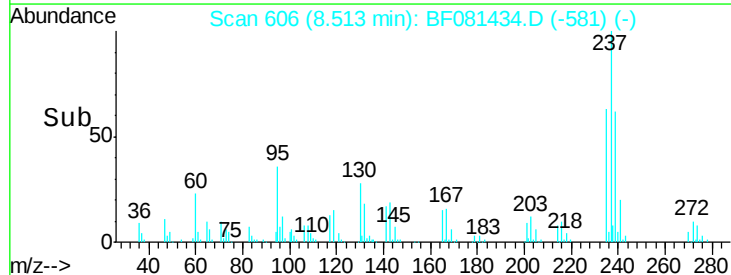
272 10.2 0.0 36.1

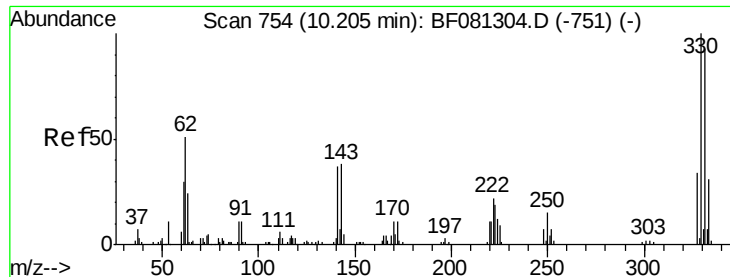


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

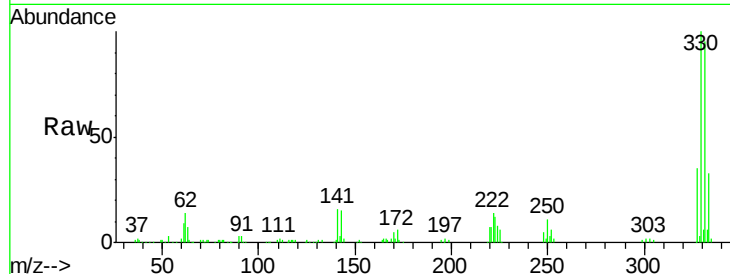




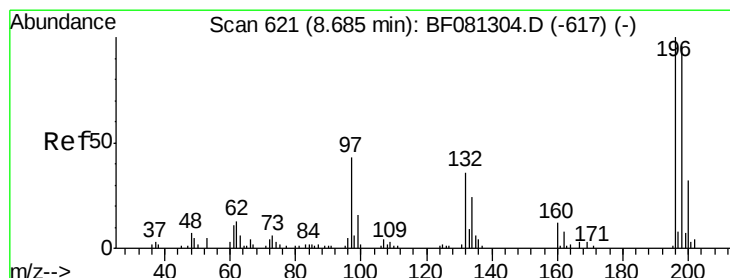
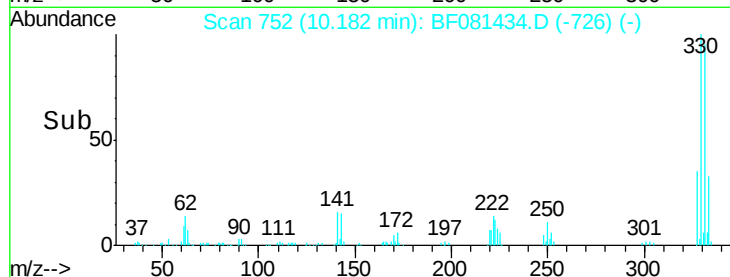
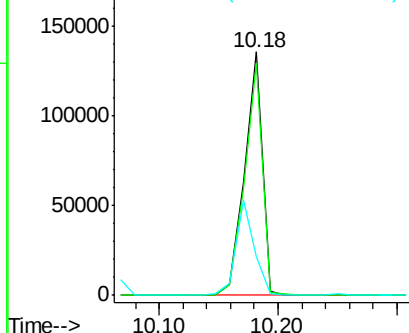
#41
 2,4,6-Tribromophenol
 Concen: 132.66 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Tot Ion:330 Resp: 142730
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 39.7 29.7 44.5

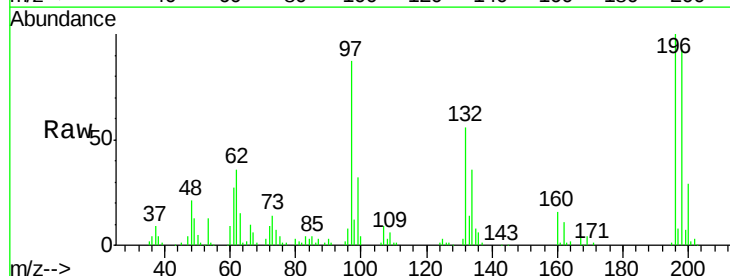


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

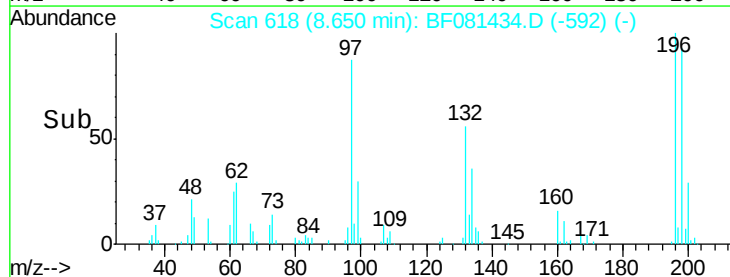
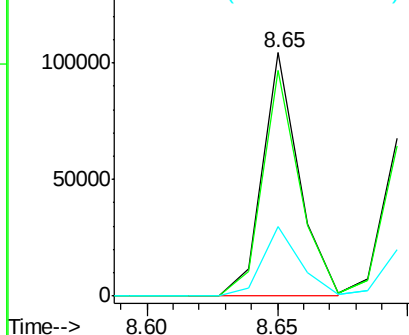


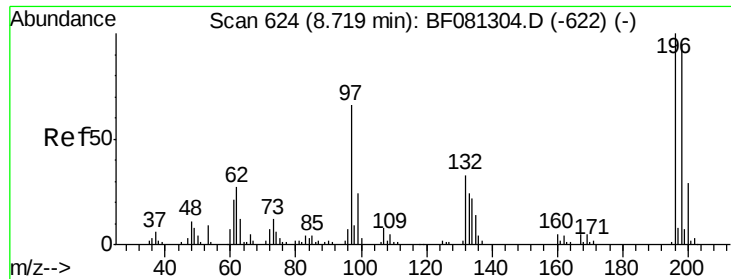
#42
 2,4,6-Trichlorophenol
 Concen: 38.59 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion:196 Resp: 101772
 Ion Ratio Lower Upper
 196 100
 198 93.0 75.7 113.5
 200 28.7 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

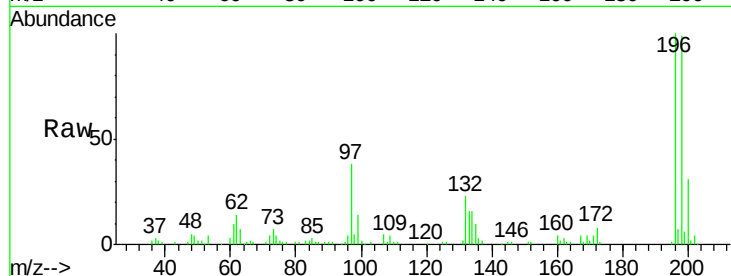




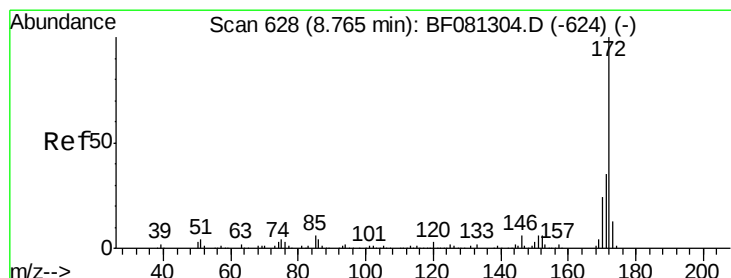
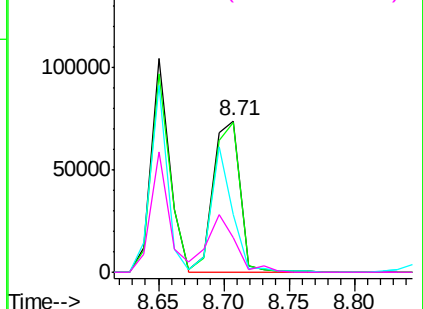
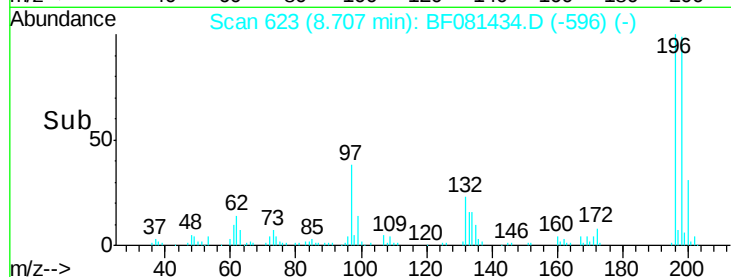
#43
 2,4,5-Trichlorophenol
 Concen: 39.47 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Tot Ion	196	Resp	106210
Ion Ratio	Lower	Upper	
196	100		
198	98.8	75.4	113.0
97	38.2	33.3	49.9
132	22.7	24.6	37.0#

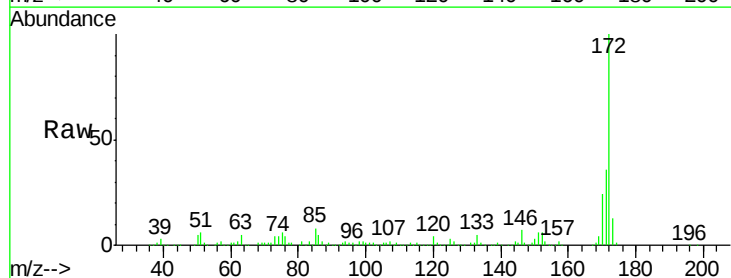


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

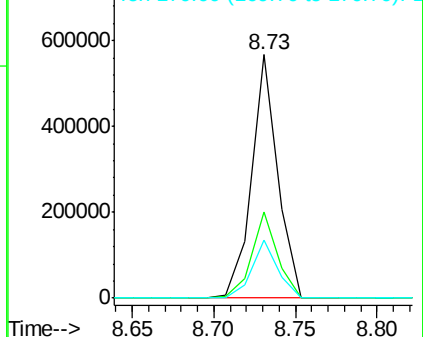
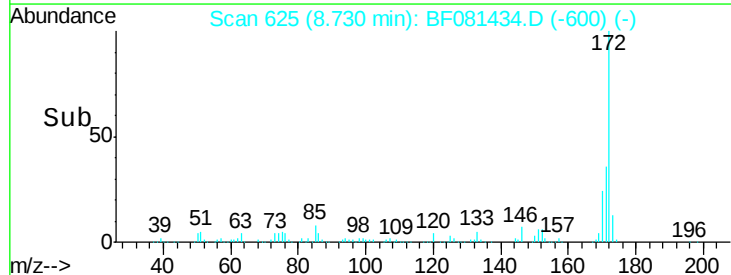


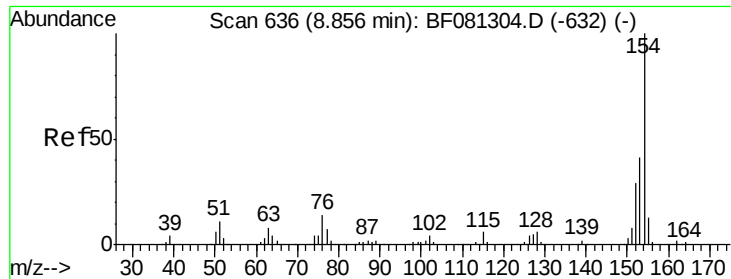
#44
 2-Fluorobiphenyl
 Concen: 66.57 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion	172	Resp	627705
Ion Ratio	Lower	Upper	
172	100		
171	35.6	26.1	39.1
170	23.9	17.4	26.2



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: 39.42 ng

RT: 8.83 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)MSD

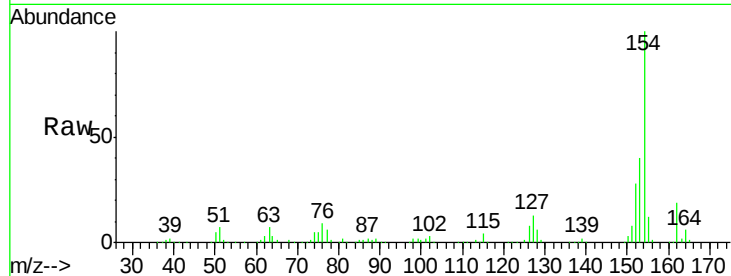
Tot Ion:154 Resp: 438194

Ion Ratio Lower Upper

154 100

153 39.6 17.1 57.1

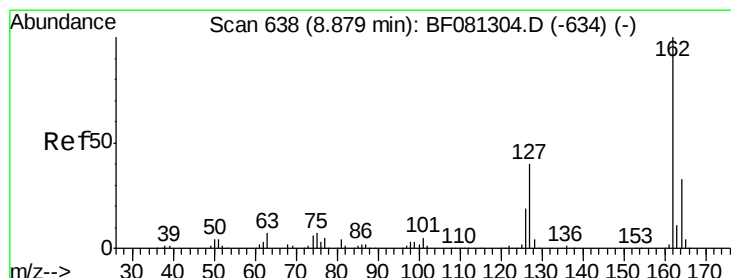
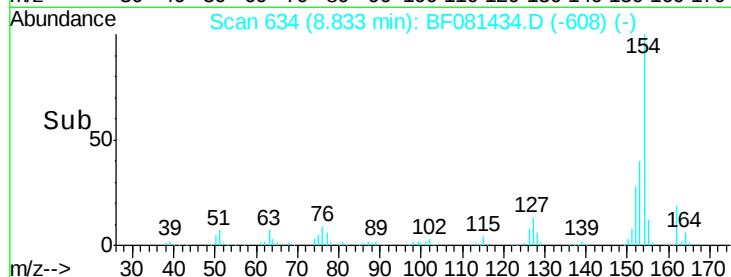
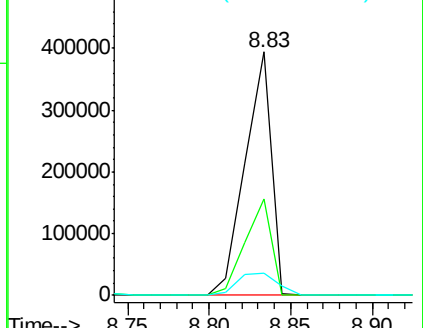
76 9.1 0.0 31.6



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: 38.38 ng

RT: 8.84 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

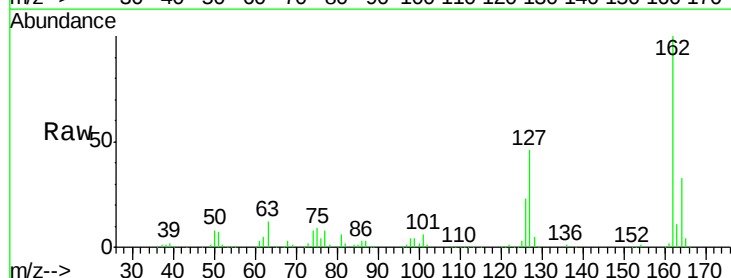
Tgt Ion:162 Resp: 308156

Ion Ratio Lower Upper

162 100

127 46.0 27.6 41.4#

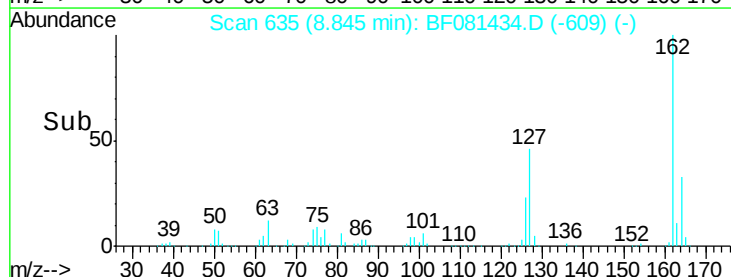
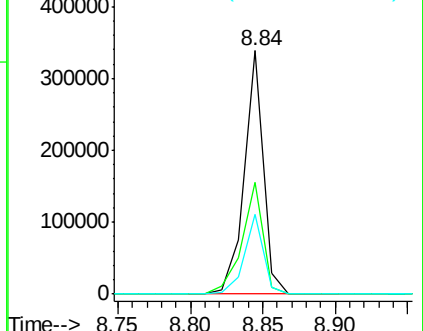
164 32.7 25.4 38.2

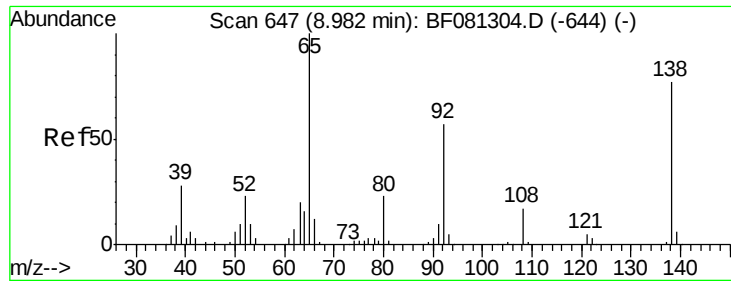


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

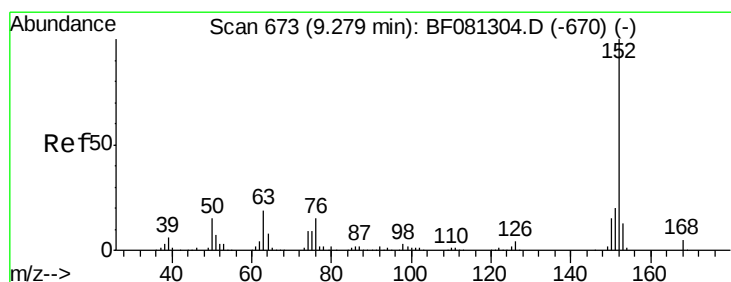
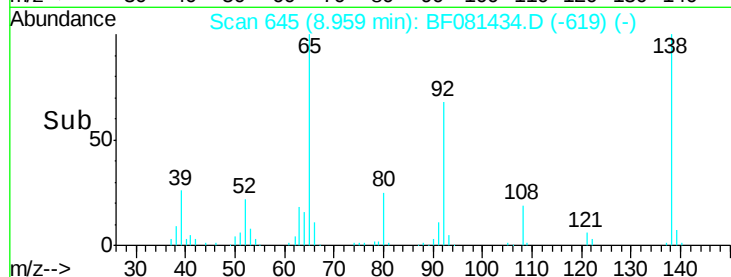
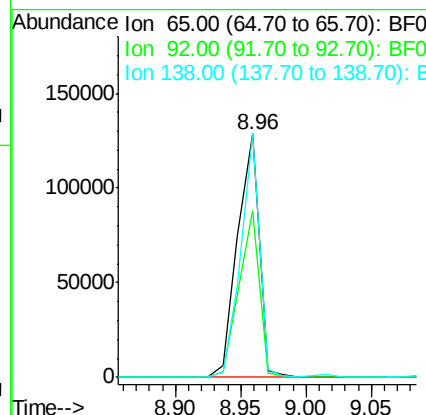
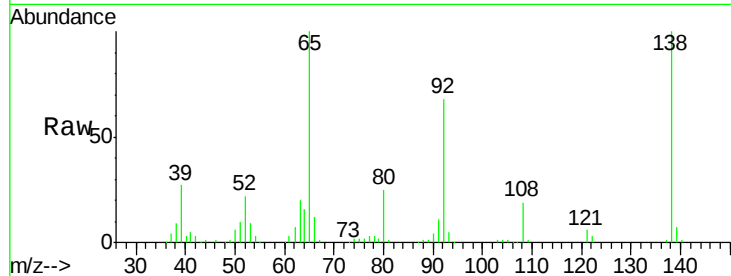




#47
2-Nitroaniline
Concen: 45.17 ng
RT: 8.96 min Scan# 645
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

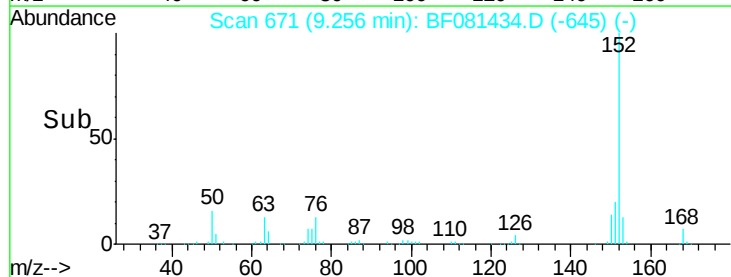
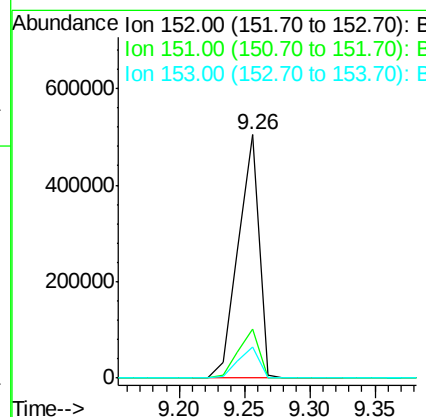
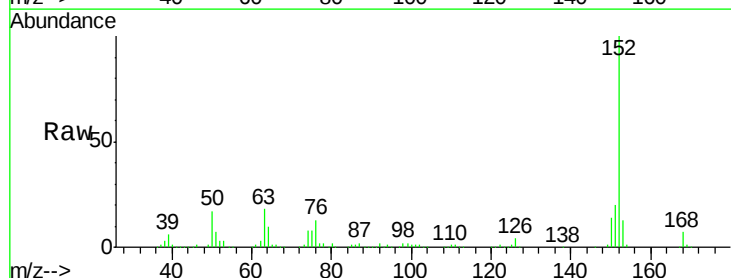
Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

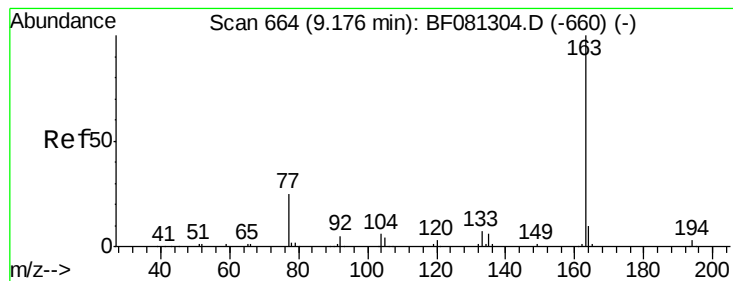
Tot Ion: 65 Resp: 147810
Ion Ratio Lower Upper
65 100
92 68.3 55.4 83.0
138 99.9 115.5 173.3#



#48
Acenaphthylene
Concen: 38.88 ng
RT: 9.26 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion: 152 Resp: 553691
Ion Ratio Lower Upper
152 100
151 19.9 14.6 22.0
153 12.9 10.3 15.5





#49

Dimethylphthalate

Concen: 56.47 ng

RT: 9.15 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)MSD

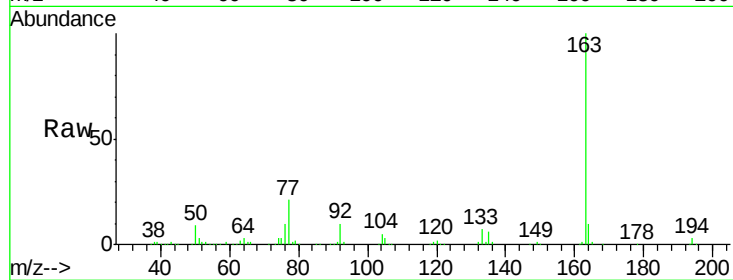
Tot Ion:163 Resp: 530138

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

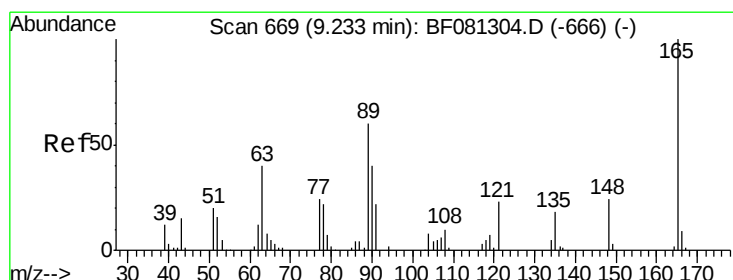
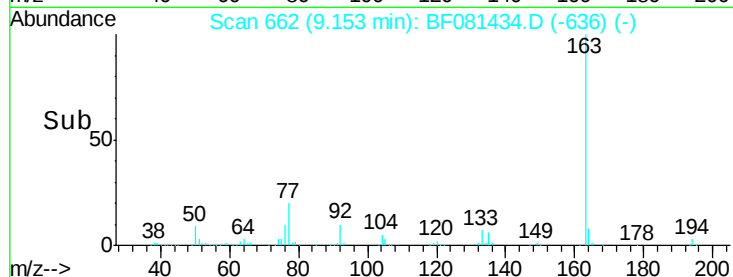
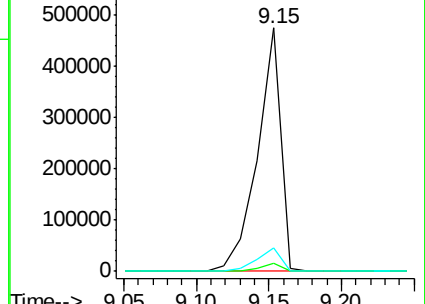
164 9.9 8.3 12.5



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: 37.62 ng

RT: 9.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

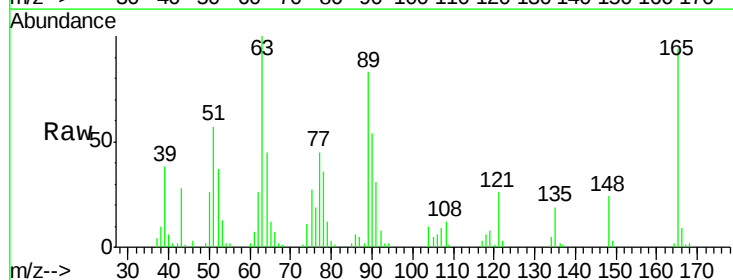
Tgt Ion:165 Resp: 80158

Ion Ratio Lower Upper

165 100

63 106.9 32.3 48.5#

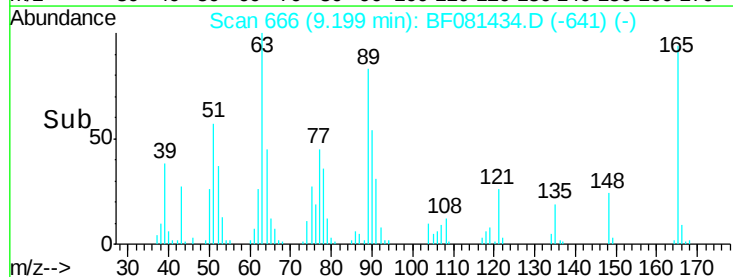
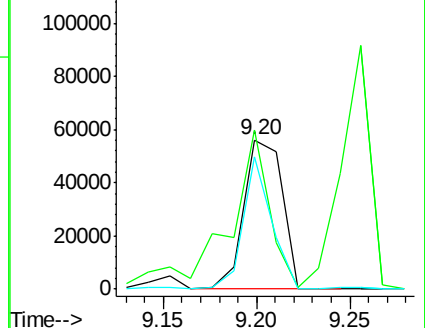
89 88.6 28.6 43.0#

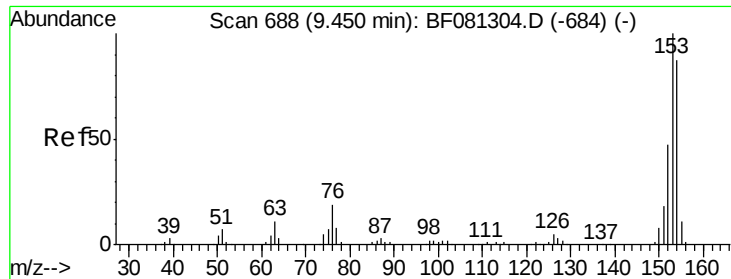


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

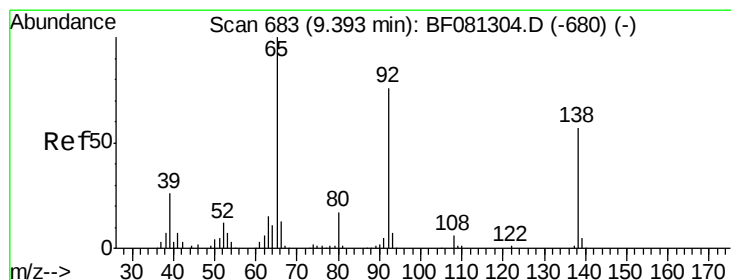
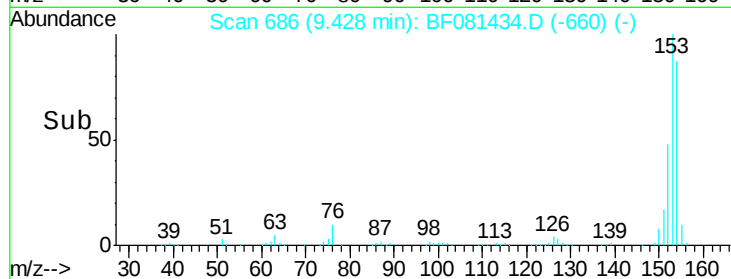
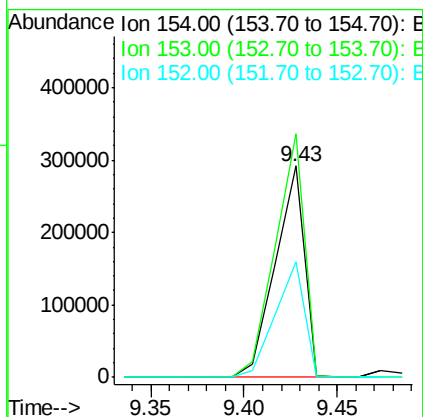
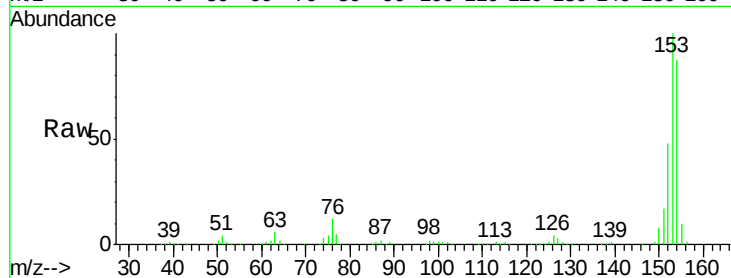




#51
Acenaphthene
Concen: 39.18 ng
RT: 9.43 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

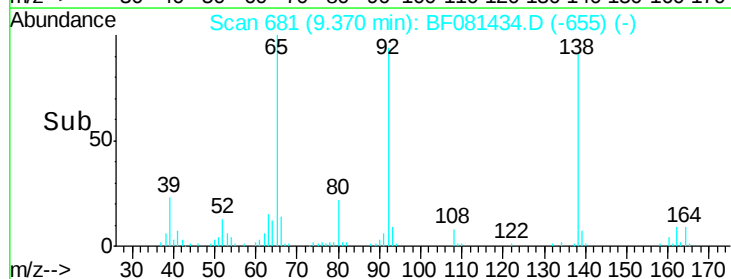
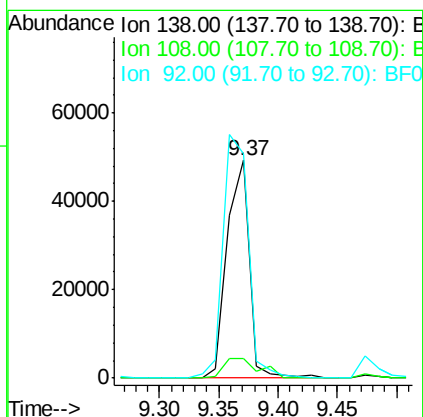
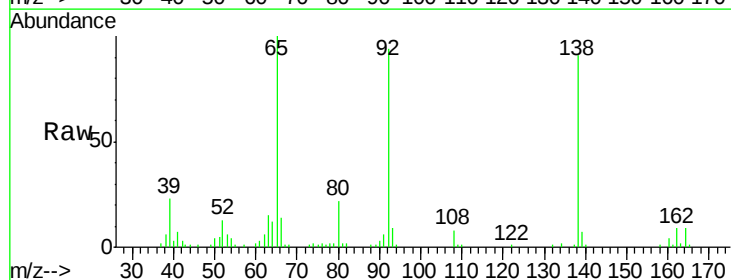
Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

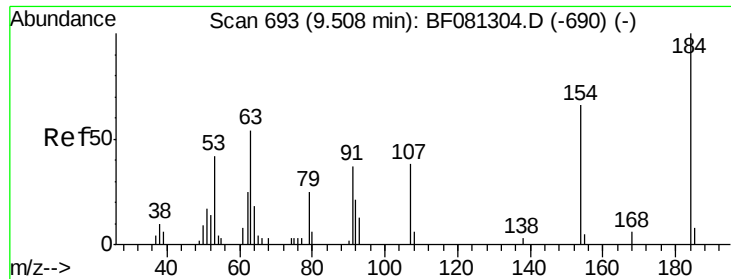
Tot Ion:154 Resp: 317439
Ion Ratio Lower Upper
154 100
153 115.2 82.1 123.1
152 54.9 37.9 56.9



#52
3-Nitroaniline
Concen: 26.44 ng
RT: 9.37 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion:138 Resp: 64129
Ion Ratio Lower Upper
138 100
108 9.2 5.7 8.5#
92 103.2 67.7 101.5#

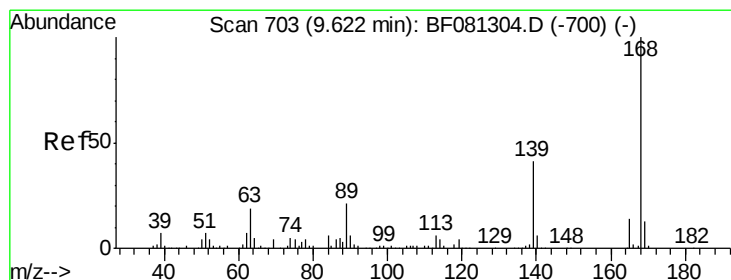
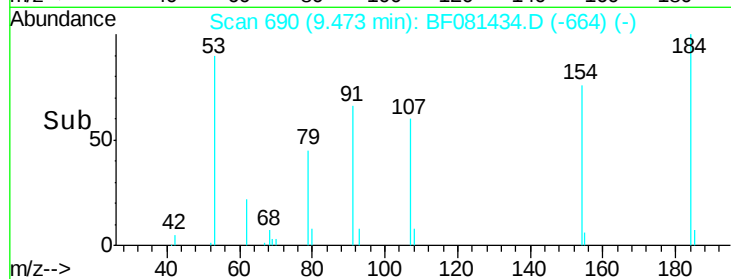
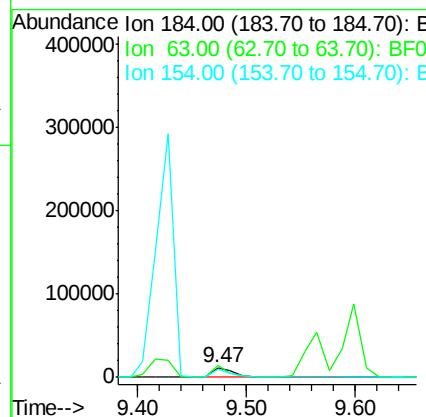
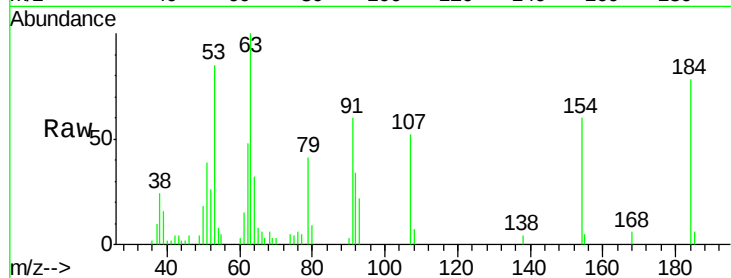




#53
 2,4-Dinitrophenol
 Concen: 19.80 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

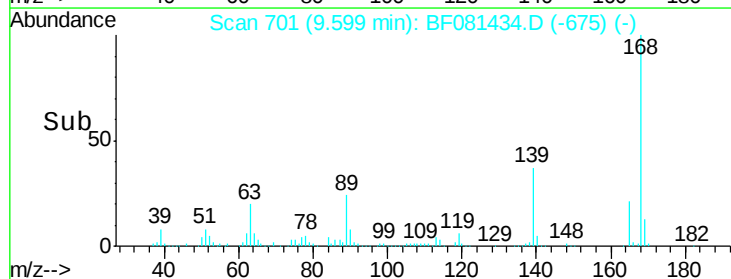
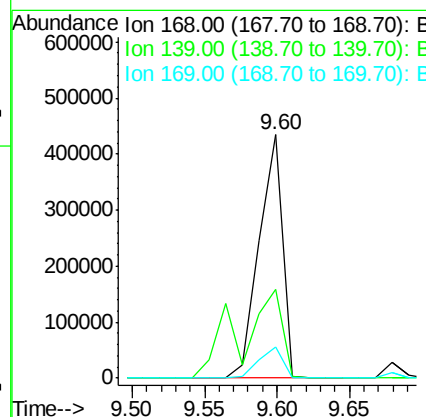
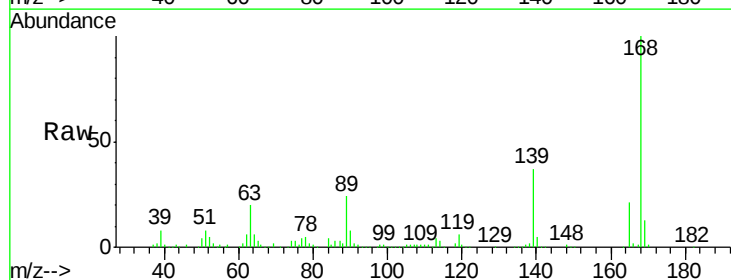
Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

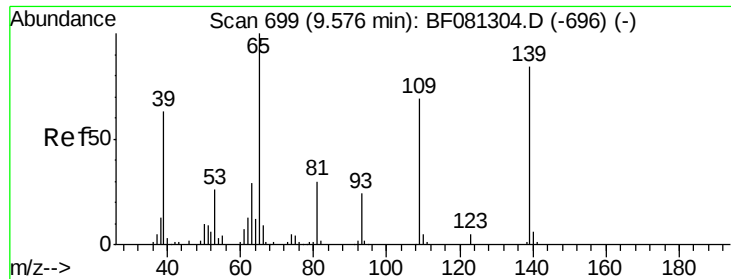
Tot Ion:184 Resp: 17774
 Ion Ratio Lower Upper
 184 100
 63 127.5 35.4 53.2#
 154 76.1 32.2 48.4#



#54
 Dibenzofuran
 Concen: 41.03 ng
 RT: 9.60 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion:168 Resp: 485437
 Ion Ratio Lower Upper
 168 100
 139 36.7 24.2 36.2#
 169 13.0 10.6 15.8

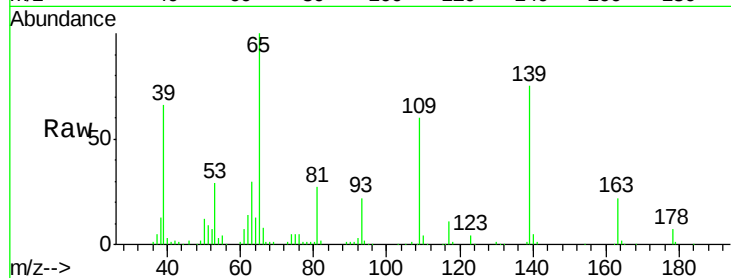




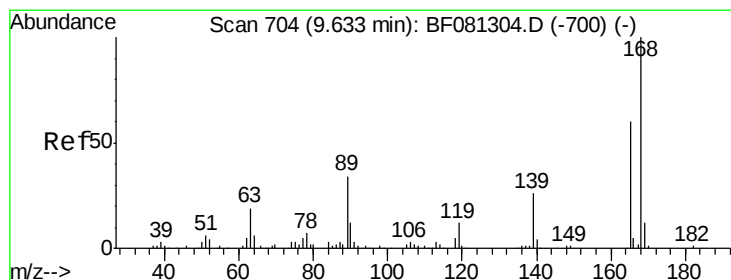
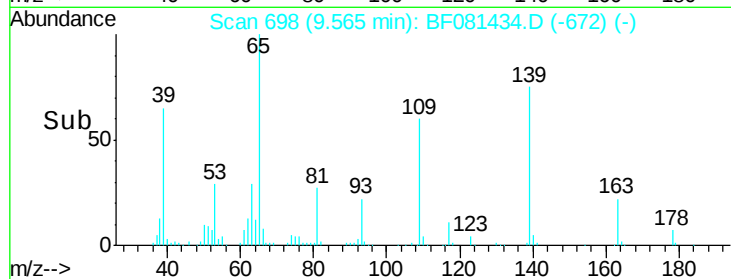
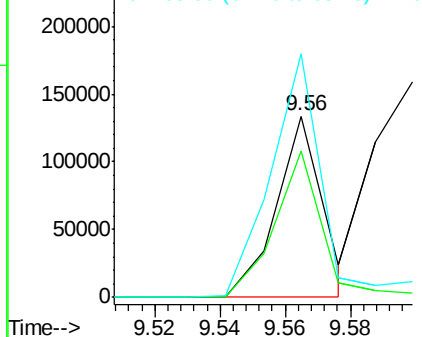
#55
4-Nitrophenol
Concen: 86.34 ng
RT: 9.56 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

Tot Ion:139 Resp: 131582
Ion Ratio Lower Upper
139 100
109 80.4 12.7 52.7#
65 134.2 45.9 85.9#

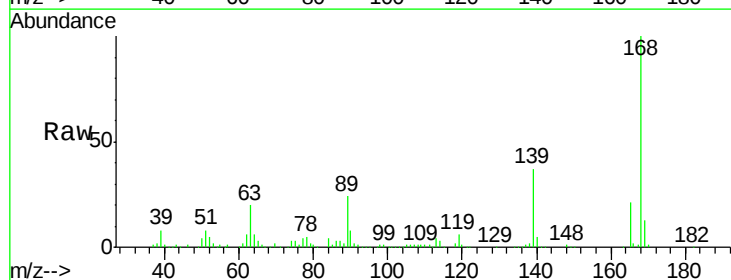


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

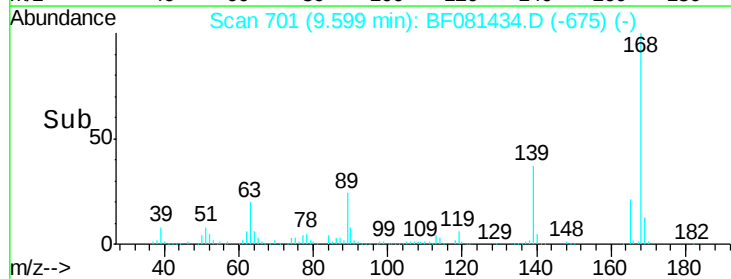
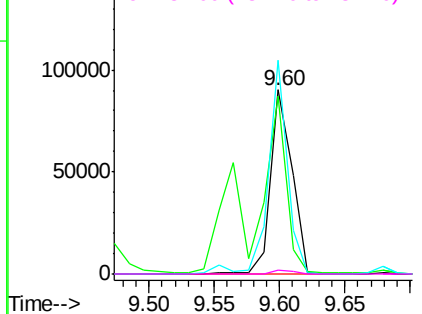


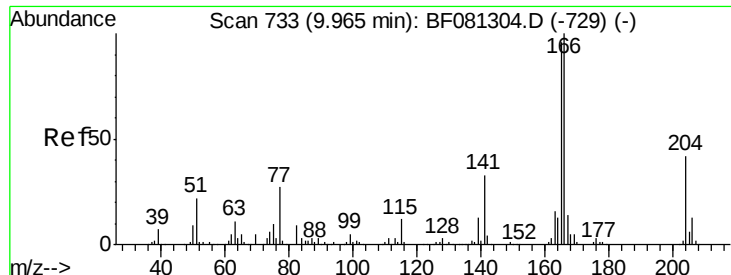
#56
2,4-Dinitrotoluene
Concen: 38.41 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion:165 Resp: 104207
Ion Ratio Lower Upper
165 100
63 96.8 29.8 44.6#
89 116.1 44.5 66.7#
182 1.9 3.0 4.4#



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

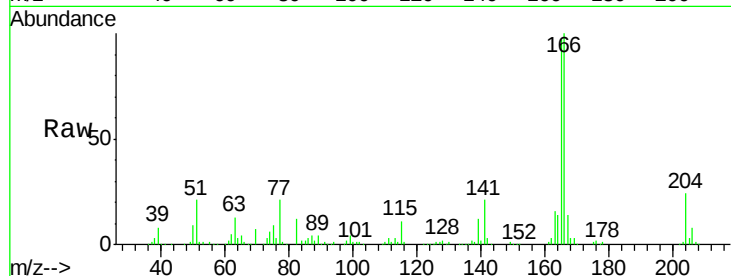




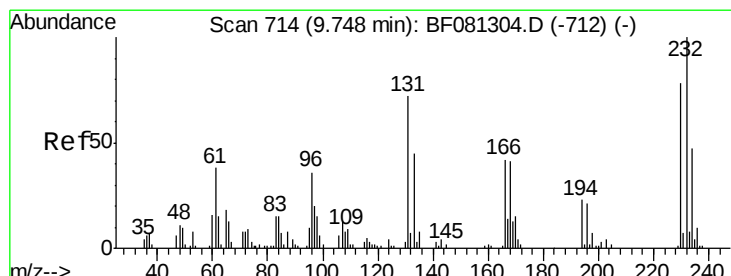
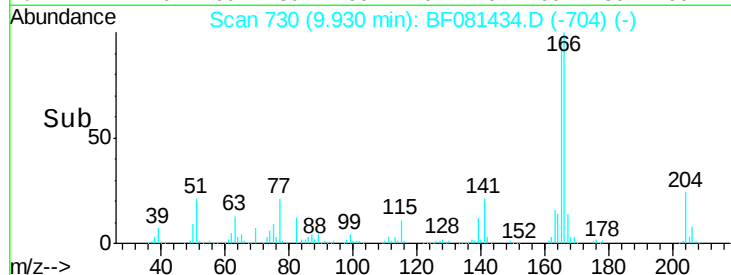
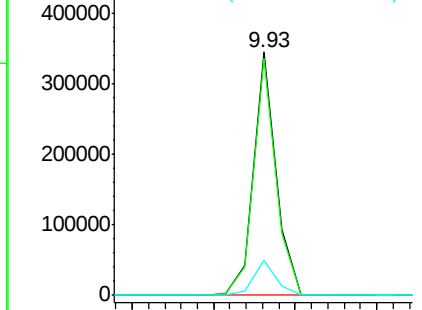
#57
Fluorene
 Concen: 36.86 ng
 RT: 9.93 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Tot Ion:166 Resp: 330974
 Ion Ratio Lower Upper
 166 100
 165 97.3 72.6 109.0
 167 14.1 10.6 16.0

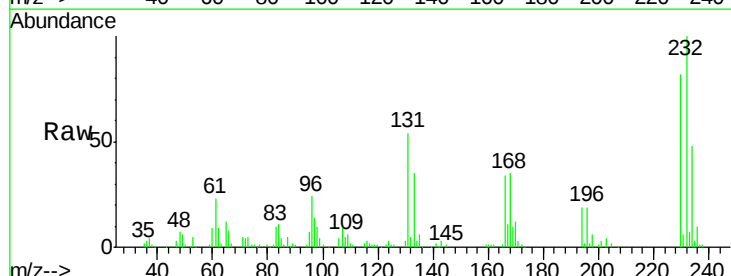


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

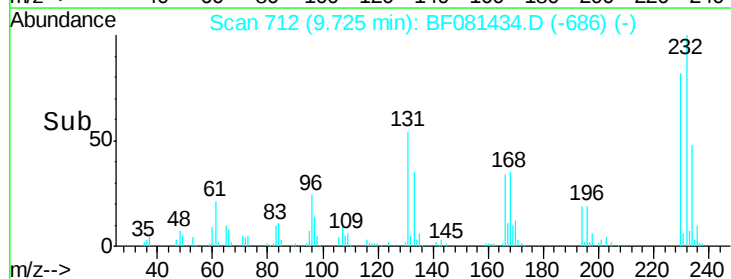
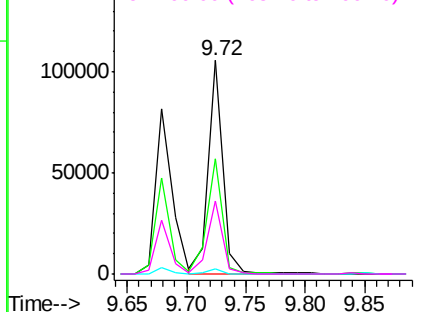


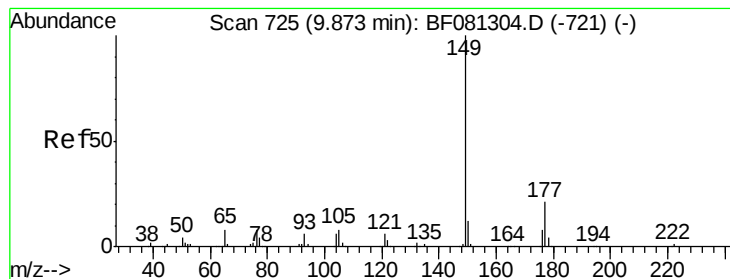
#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.13 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion:232 Resp: 90652
 Ion Ratio Lower Upper
 232 100
 131 56.6 38.5 57.7
 130 2.5 1.8 2.6
 166 34.7 25.0 37.6



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





#59

Diethylphthalate

Concen: 38.71 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)MSD

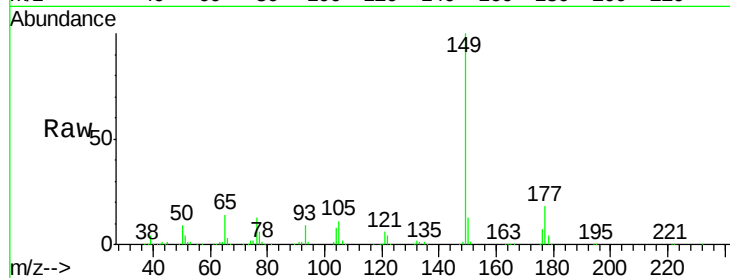
Tot Ion:149 Resp: 382243

Ion Ratio Lower Upper

149 100

177 17.9 17.5 26.3

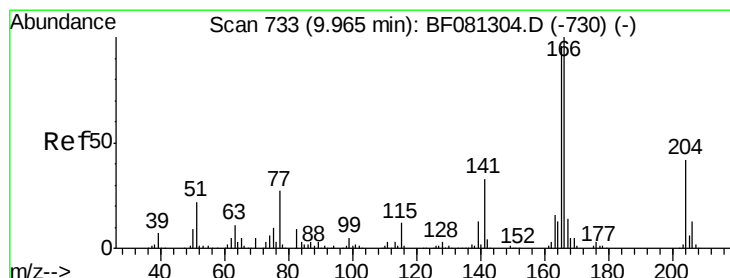
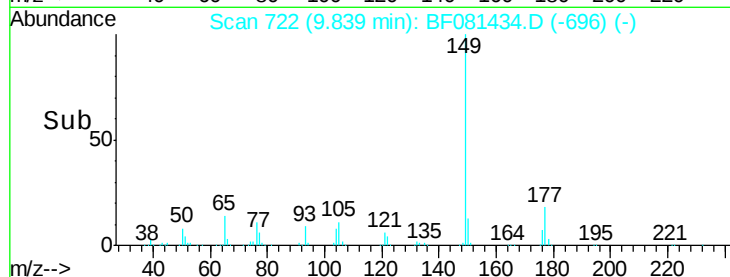
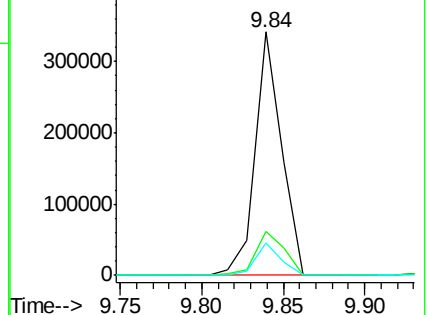
150 13.2 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.26 ng

RT: 9.94 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

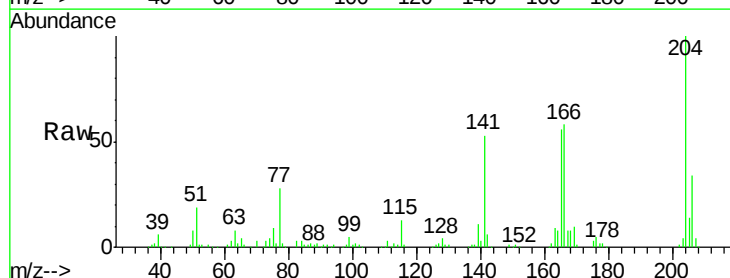
Tgt Ion:204 Resp: 168460

Ion Ratio Lower Upper

204 100

206 33.5 24.8 37.2

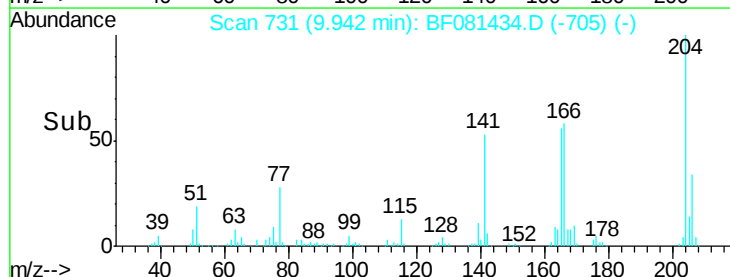
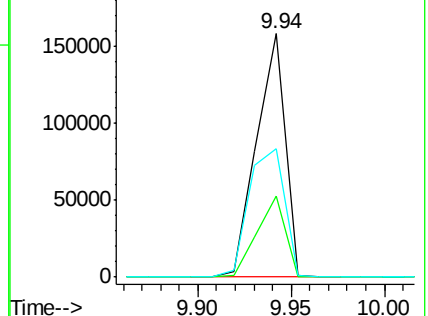
141 52.8 42.2 63.4

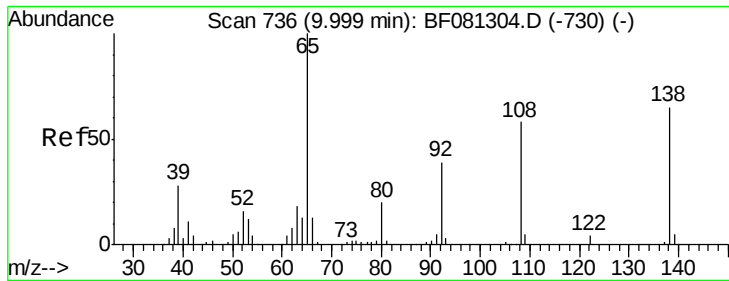


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.49 ng

RT: 9.98 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)MSD

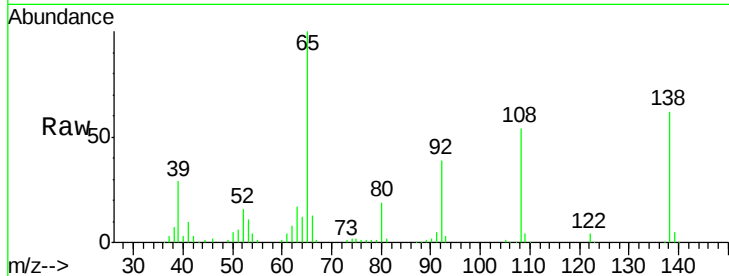
Tot Ion:138 Resp: 84527

Ion Ratio Lower Upper

138 100

92 64.0 12.6 52.6#

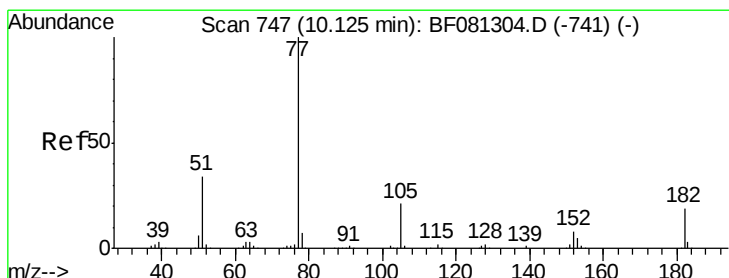
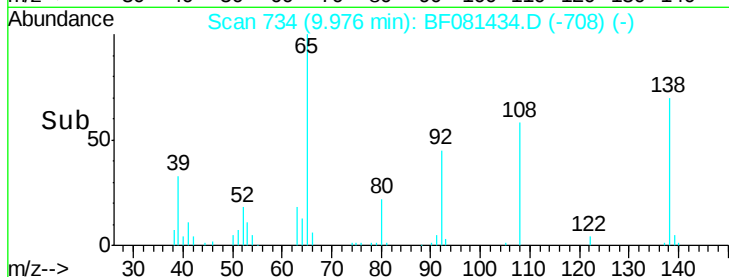
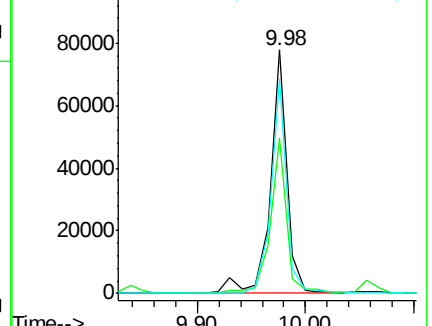
108 87.8 12.4 52.4#



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: 40.23 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Tgt Ion: 77 Resp: 441749

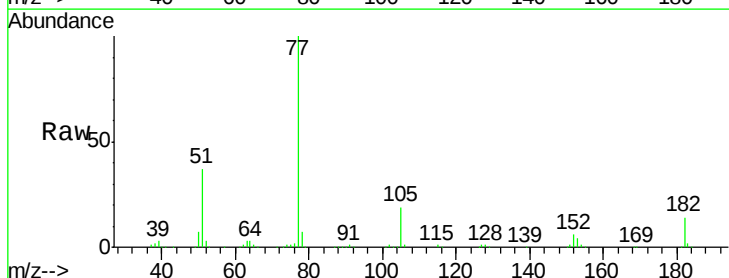
Ion Ratio Lower Upper

77 100

182 14.4 15.1 55.1#

105 19.0 3.4 43.4

51 36.8 12.0 52.0

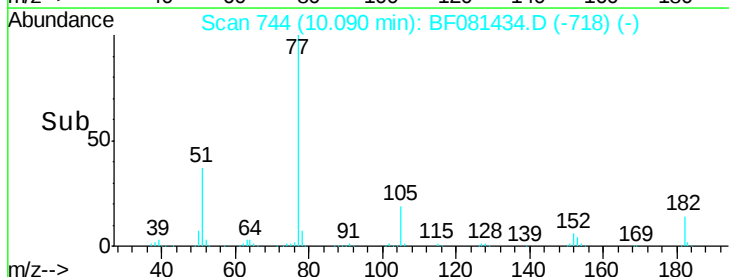
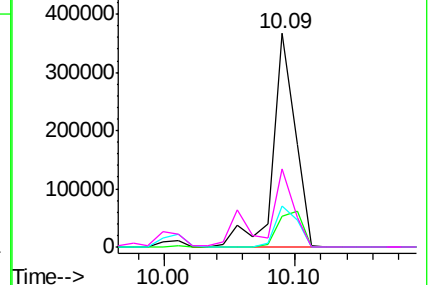


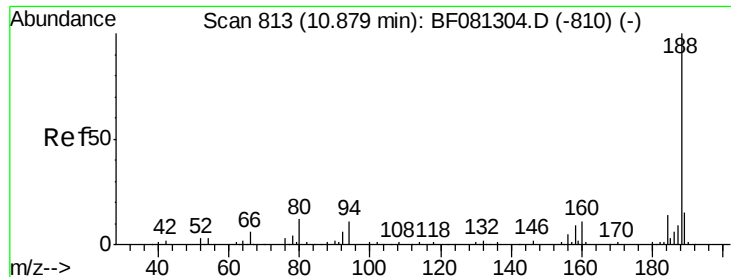
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

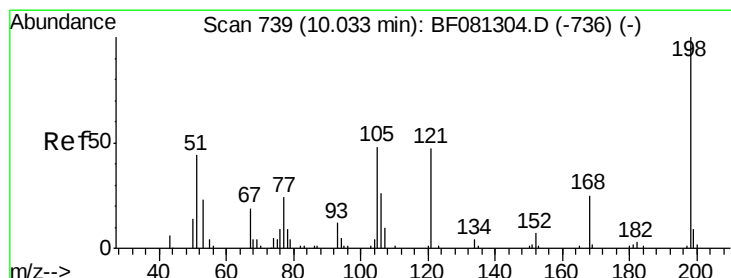
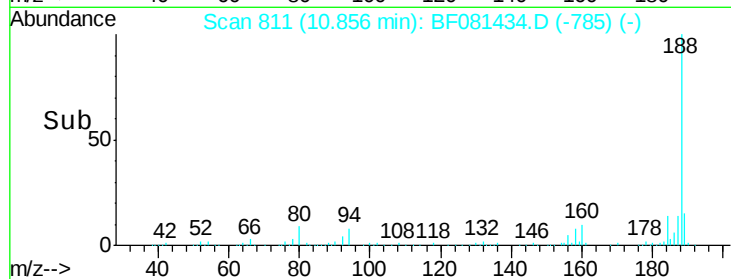
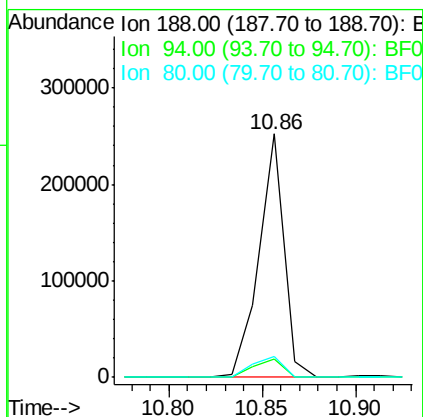
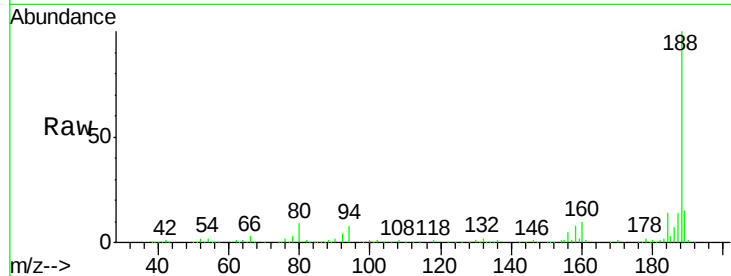




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

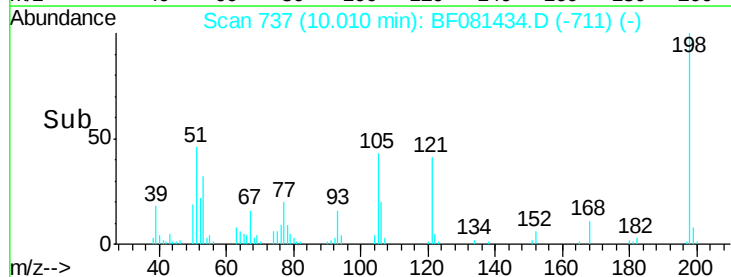
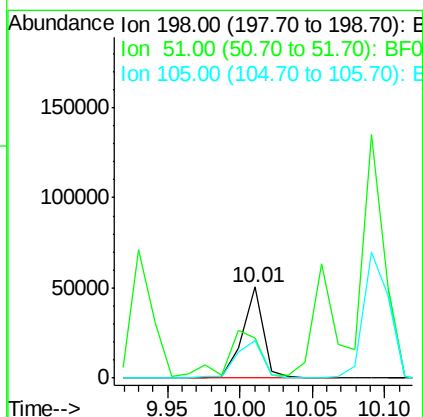
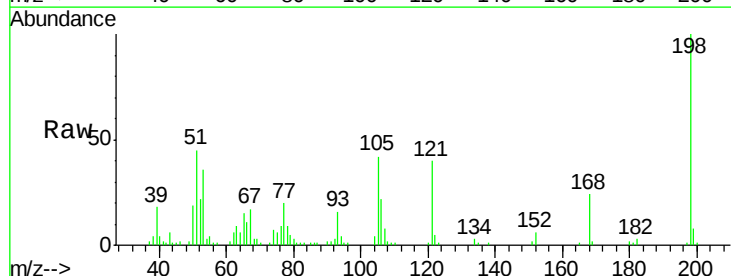
Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

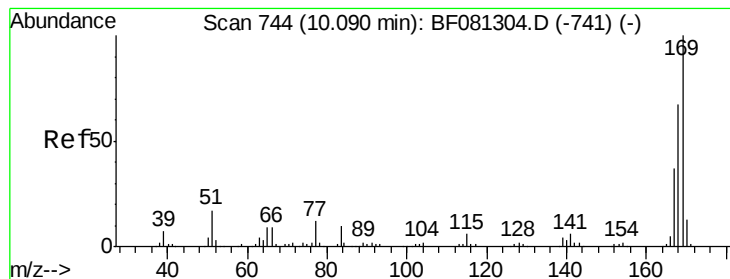
Tot Ion:188 Resp: 238005
Ion Ratio Lower Upper
188 100
94 7.8 11.1 16.7#
80 8.7 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 37.50 ng
RT: 10.01 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion:198 Resp: 49915
Ion Ratio Lower Upper
198 100
51 44.7 39.6 79.6
105 41.8 28.5 68.5

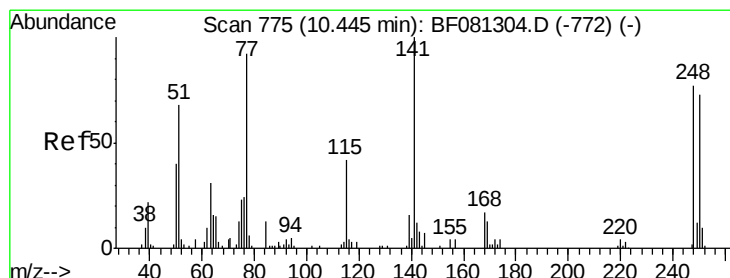
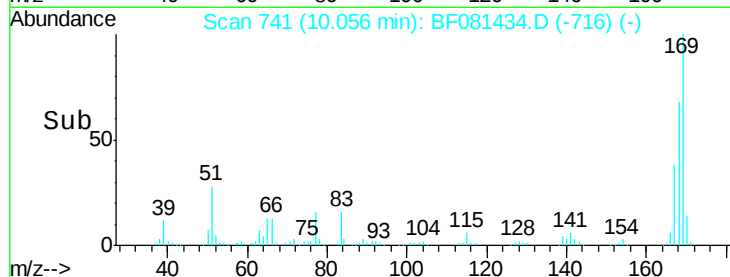
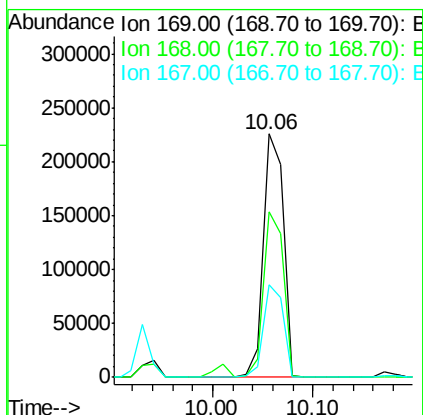
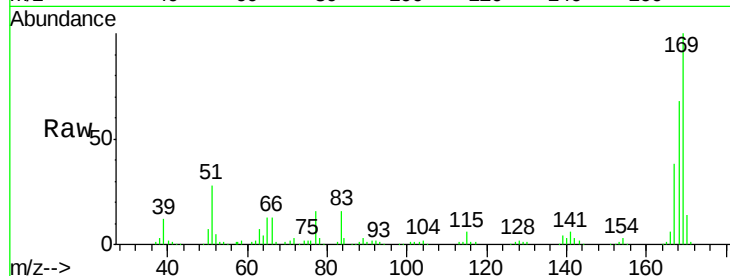




#65
 n-Nitrosodiphenylamine
 Concen: 36.17 ng
 RT: 10.06 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

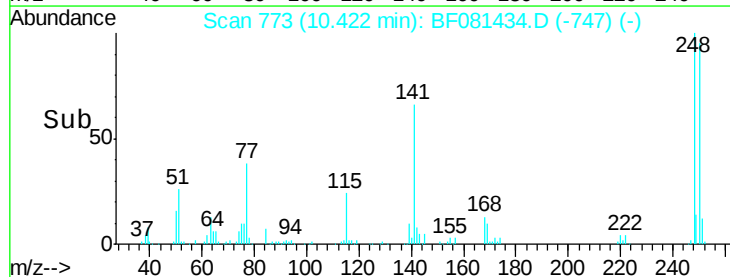
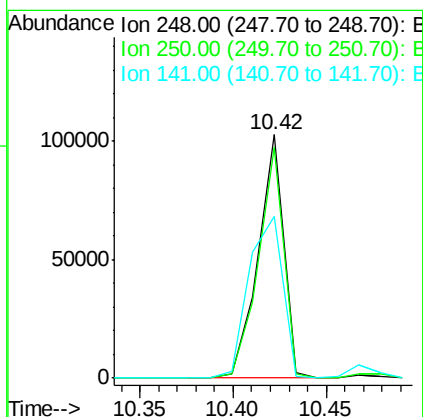
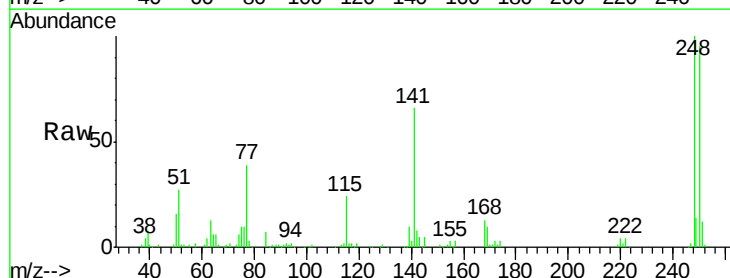
Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

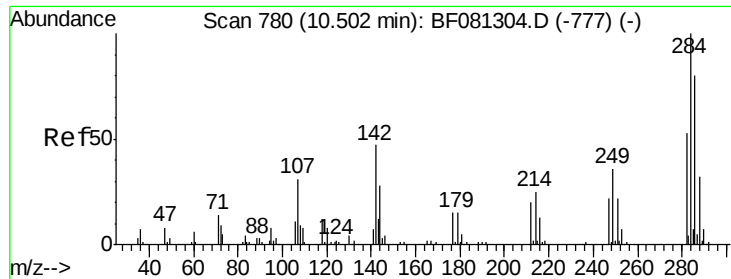
Tot Ion:169 Resp: 313264
 Ion Ratio Lower Upper
 169 100
 168 67.9 48.9 73.3
 167 38.2 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 40.38 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion:248 Resp: 97175
 Ion Ratio Lower Upper
 248 100
 250 94.6 78.5 117.7
 141 66.4 59.0 88.6





#67

Hexachlorobenzene

Concen: 37.53 ng

RT: 10.48 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)MSD

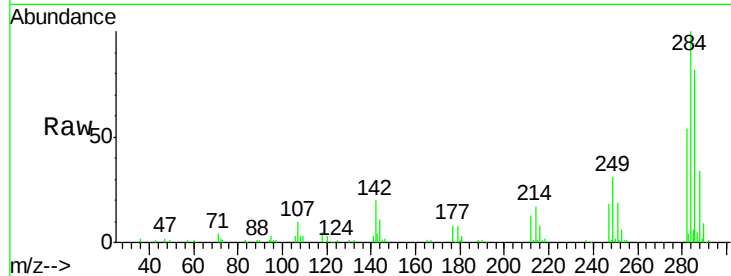
Tot Ion:284 Resp: 94430

Ion Ratio Lower Upper

284 100

142 19.7 29.5 44.3#

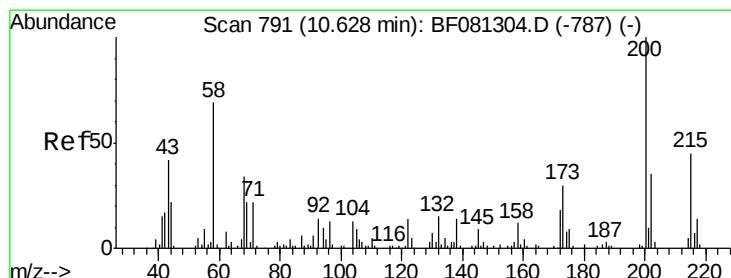
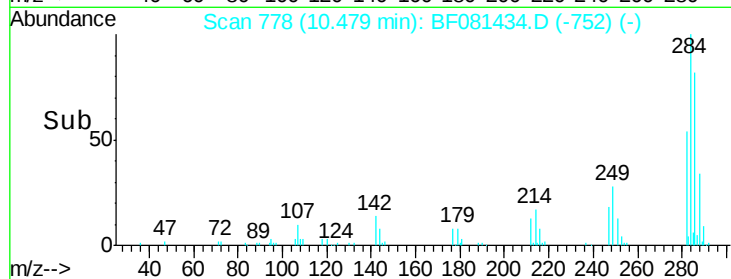
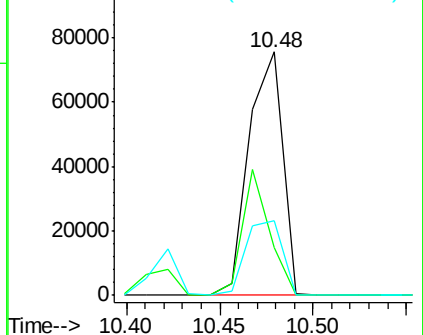
249 30.9 19.5 29.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.78 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

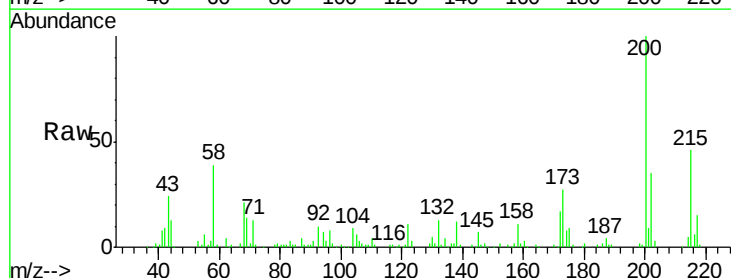
Tgt Ion:200 Resp: 114740

Ion Ratio Lower Upper

200 100

173 27.5 13.2 53.2

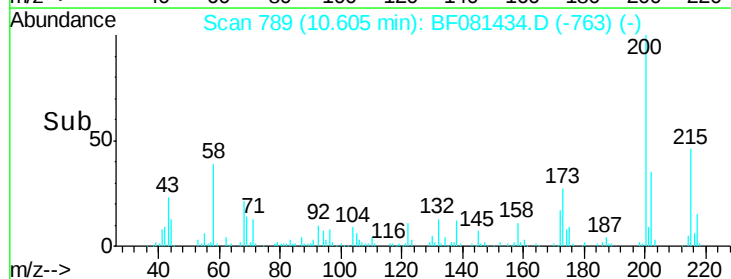
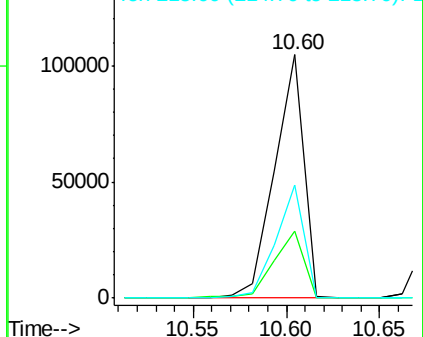
215 46.5 41.8 81.8

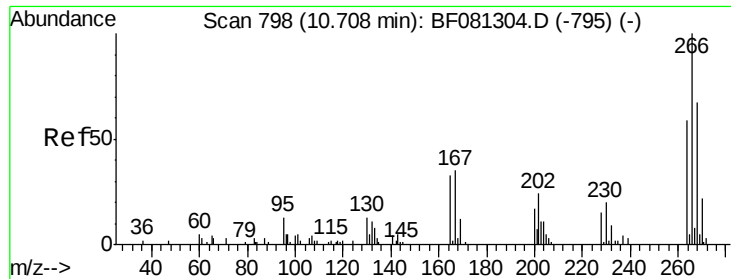


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

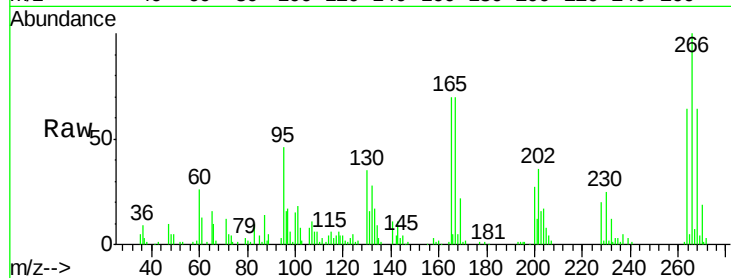




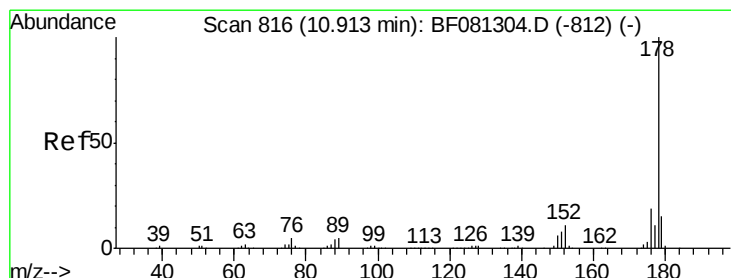
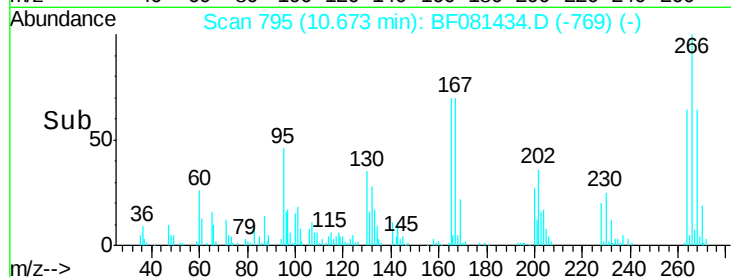
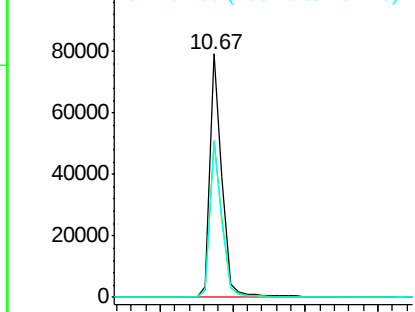
#69
 Pentachlorophenol
 Concen: 75.20 ng
 RT: 10.67 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Tot Ion:266 Resp: 91400
 Ion Ratio Lower Upper
 266 100
 268 64.3 49.8 74.6
 264 64.4 50.2 75.2

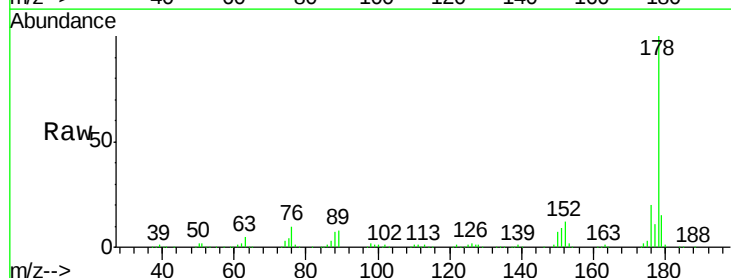


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

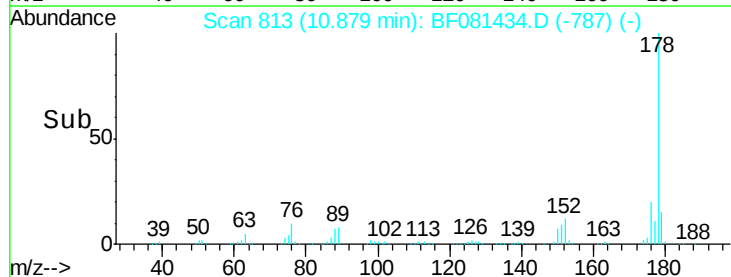
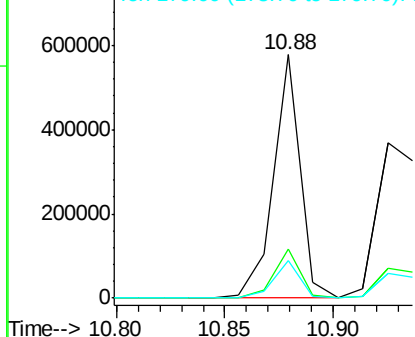


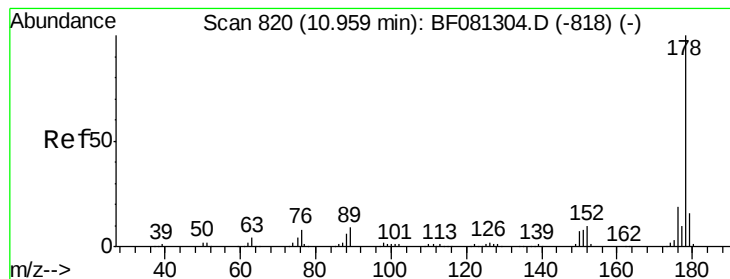
#70
 Phenanthrene
 Concen: 37.77 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion:178 Resp: 499802
 Ion Ratio Lower Upper
 178 100
 176 20.2 13.8 20.8
 179 15.4 12.2 18.2



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





#71

Anthracene

Concen: 36.51 ng

RT: 10.92 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)MSD

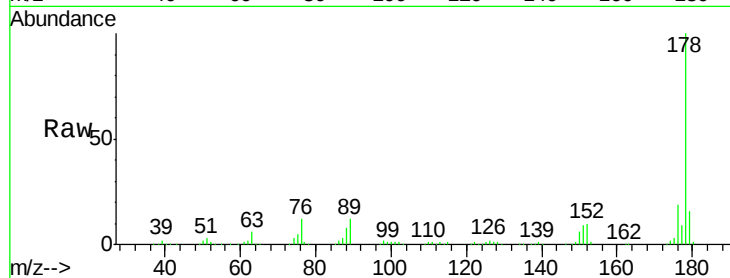
Tot Ion:178 Resp: 496315

Ion Ratio Lower Upper

178 100

176 18.9 14.1 21.1

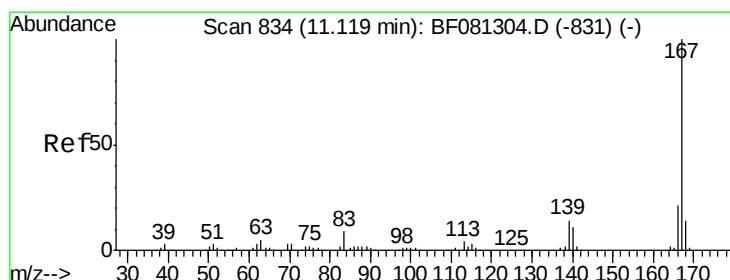
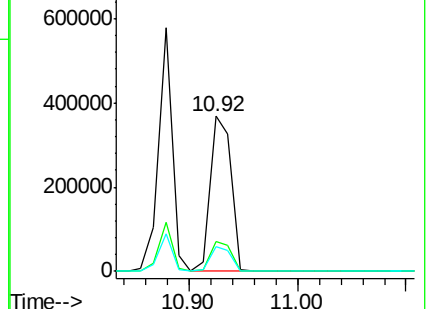
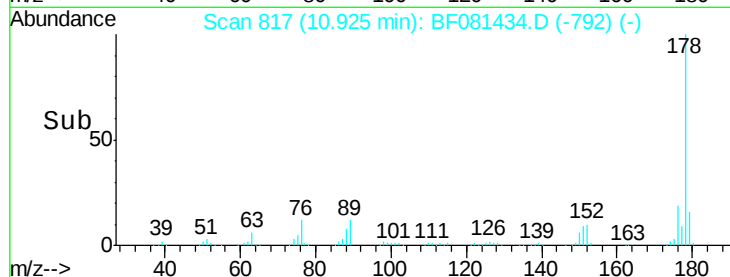
179 15.8 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.34 ng

RT: 11.10 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

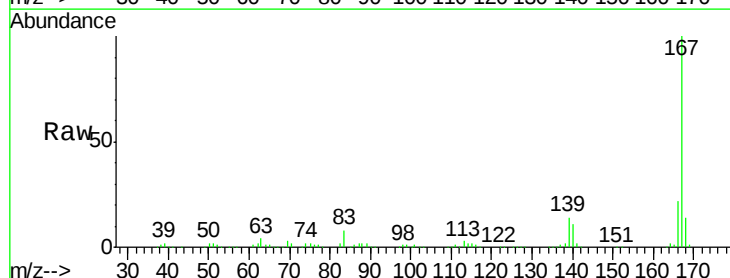
Tgt Ion:167 Resp: 540062

Ion Ratio Lower Upper

167 100

166 21.8 15.7 23.5

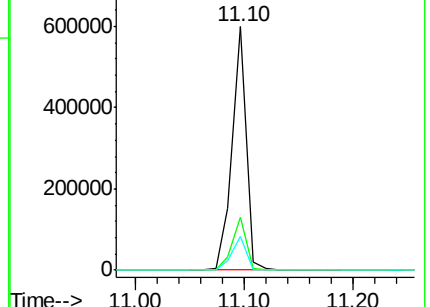
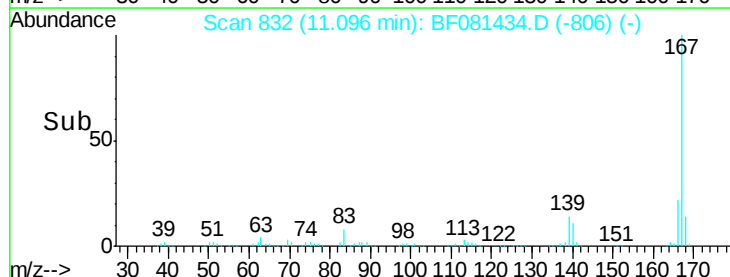
139 13.8 9.5 14.3

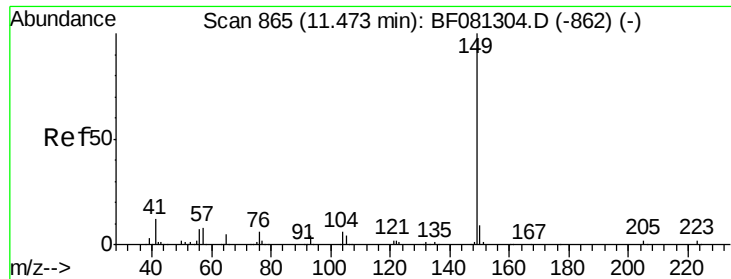


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

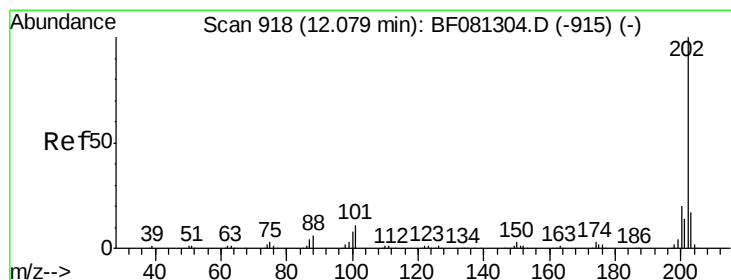
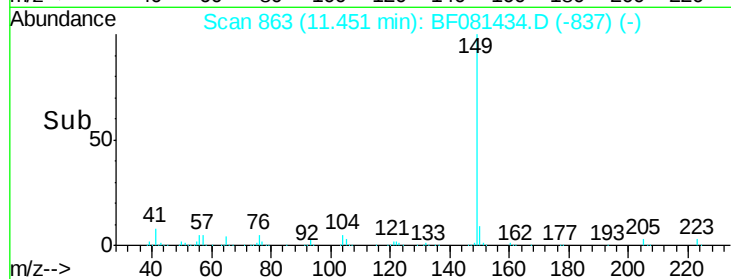
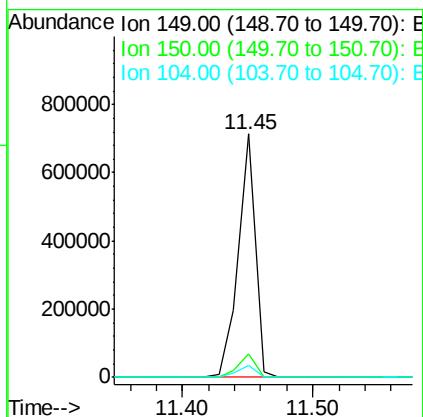
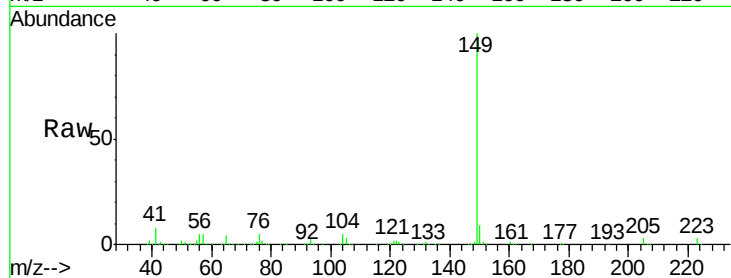




#73
Di-n-butylphthalate
Concen: 42.70 ng
RT: 11.45 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

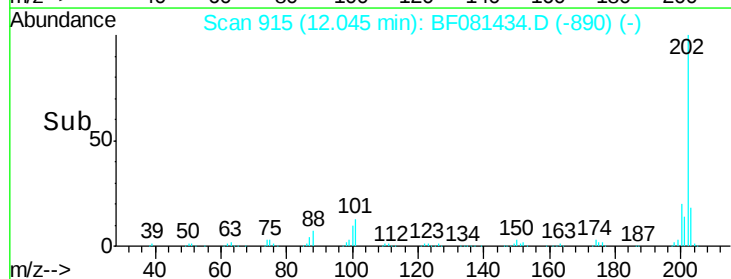
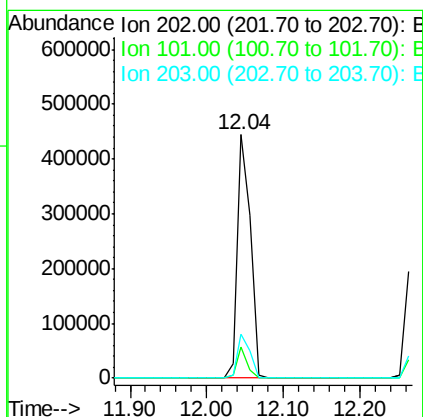
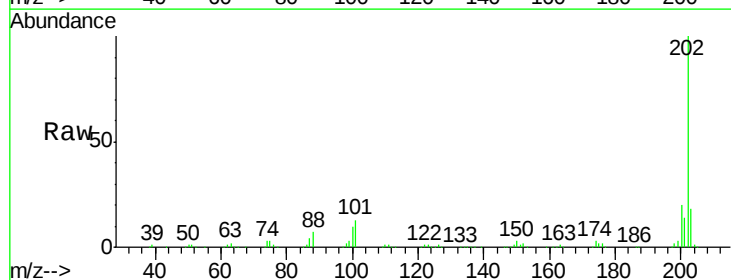
Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

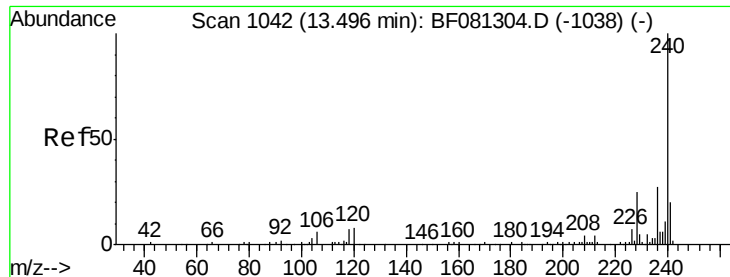
Tot Ion:149 Resp: 643272
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 5.0 2.4 3.6#



#74
Fluoranthene
Concen: 37.28 ng
RT: 12.04 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion:202 Resp: 534006
Ion Ratio Lower Upper
202 100
101 12.7 0.0 38.3
203 17.9 0.0 37.3

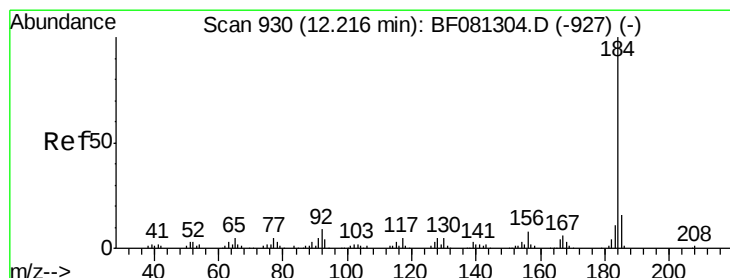
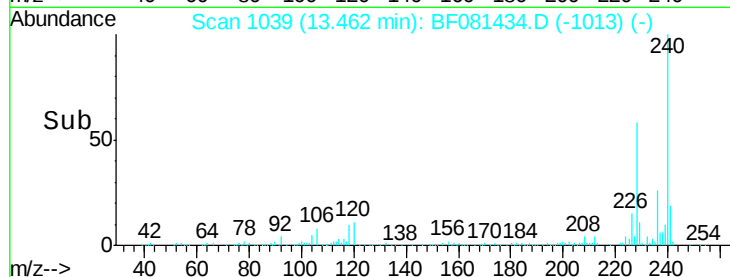
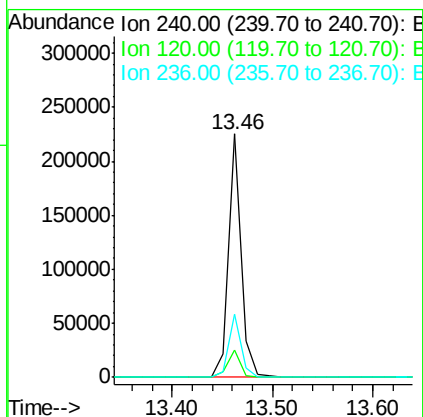
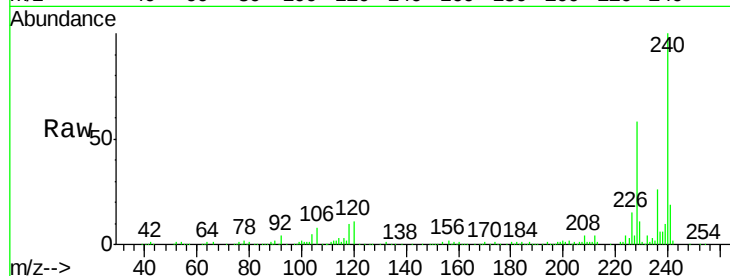




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.46 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

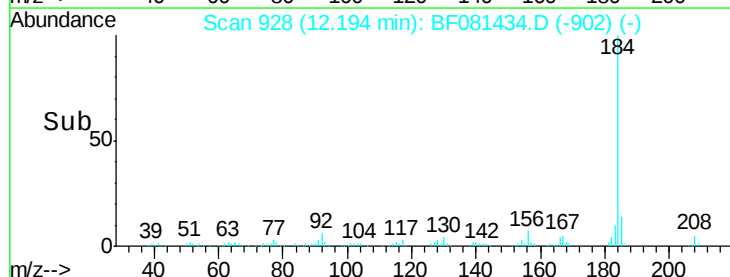
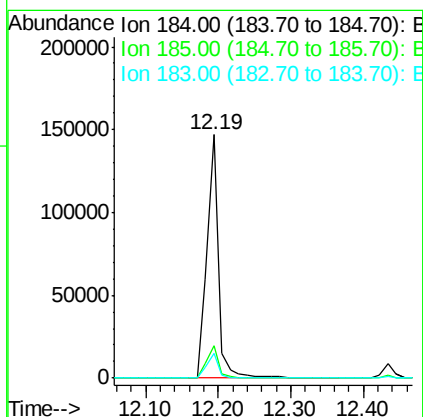
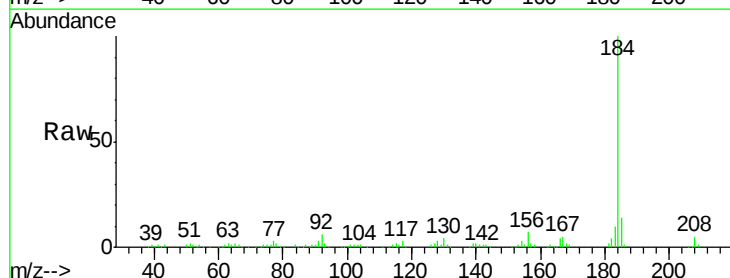
Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

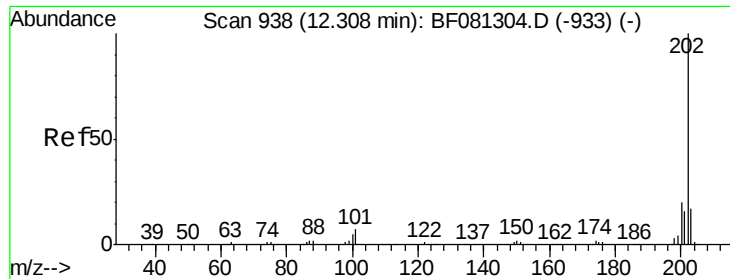
Tot Ion:240 Resp: 196107
Ion Ratio Lower Upper
240 100
120 11.3 16.2 24.2#
236 26.0 18.4 27.6



#76
Benzidine
Concen: 19.30 ng
RT: 12.19 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion:184 Resp: 162515
Ion Ratio Lower Upper
184 100
185 13.6 11.8 17.6
183 10.4 7.6 11.4

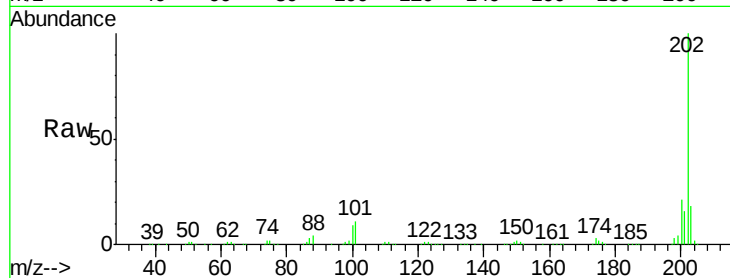




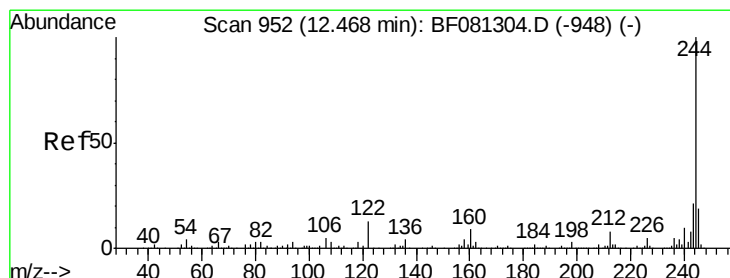
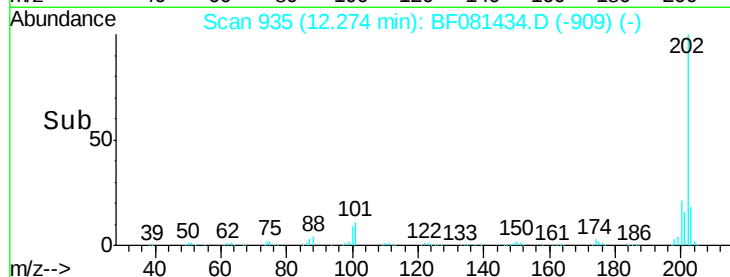
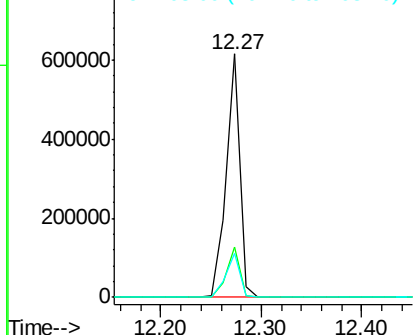
#77
Pvrene
Concen: 39.99 ng
RT: 12.27 min Scan# 935
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	15.0	22.4
203	18.0	14.1	21.1

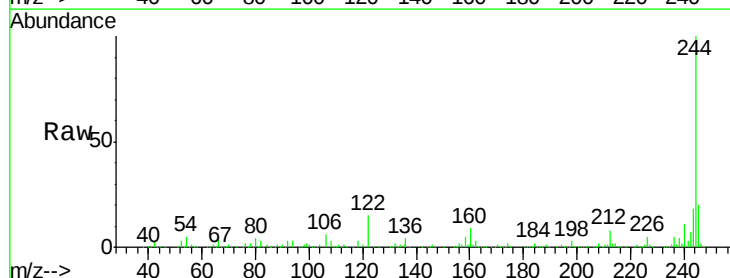


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

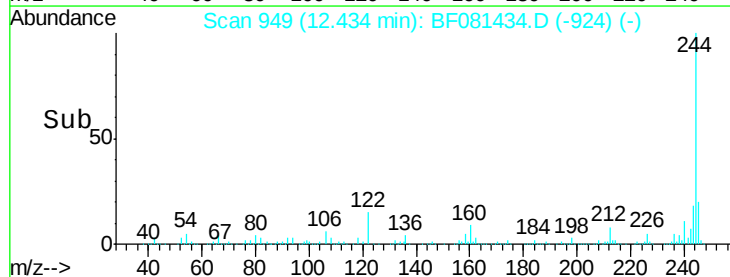
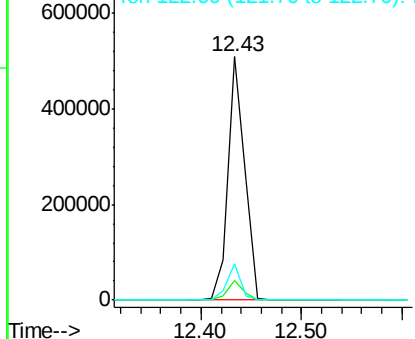


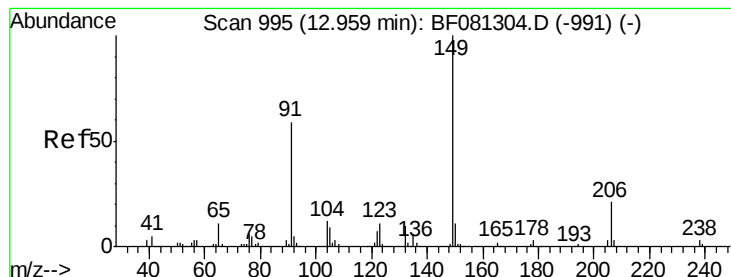
#78
Terphenyl-d14
Concen: 69.33 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.3	6.5#
122	14.9	17.4	26.2#



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: 43.22 ng

RT: 12.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)MSD

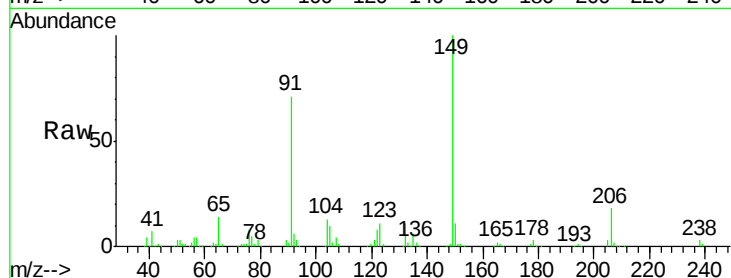
Tot Ion:149 Resp: 273053

Ion Ratio Lower Upper

149 100

91 71.4 48.6 72.8

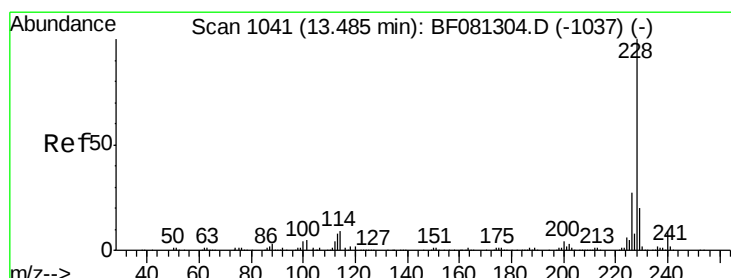
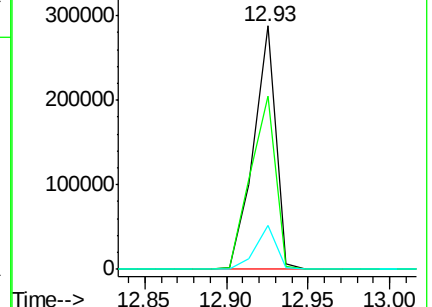
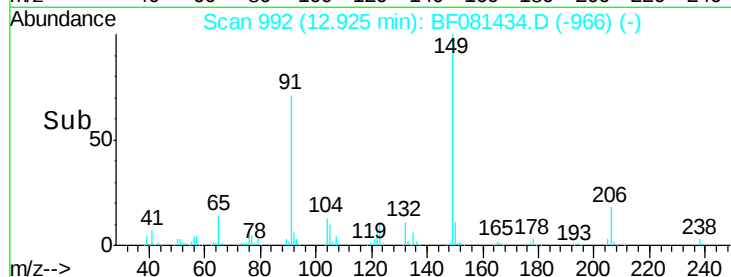
206 18.0 14.9 22.3



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: 37.84 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

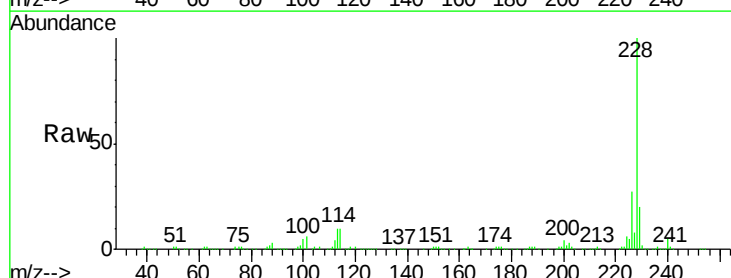
Tgt Ion:228 Resp: 472586

Ion Ratio Lower Upper

228 100

226 27.0 20.0 30.0

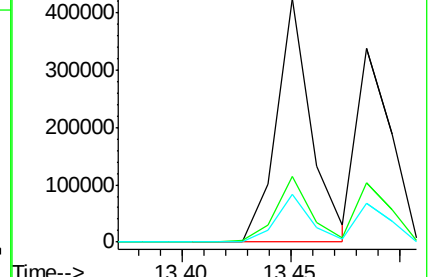
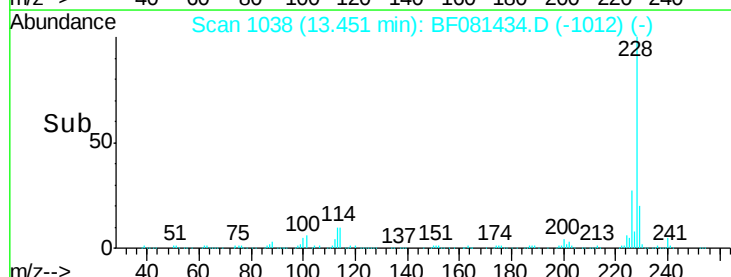
229 19.7 15.4 23.2

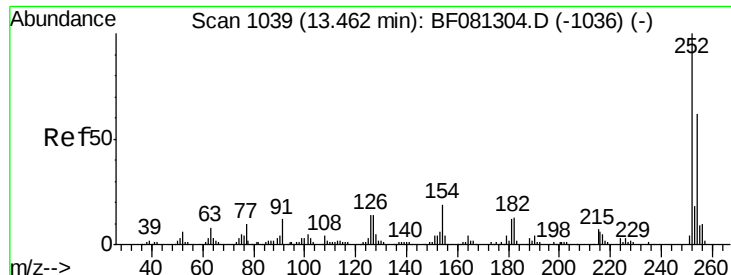


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

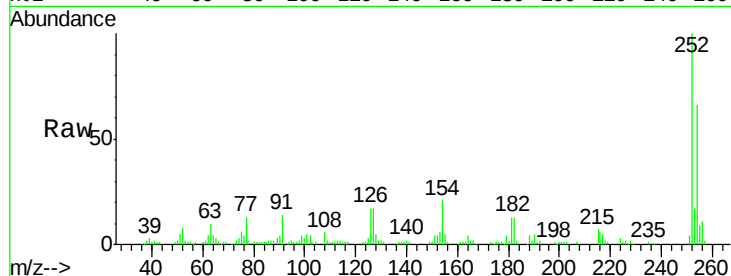




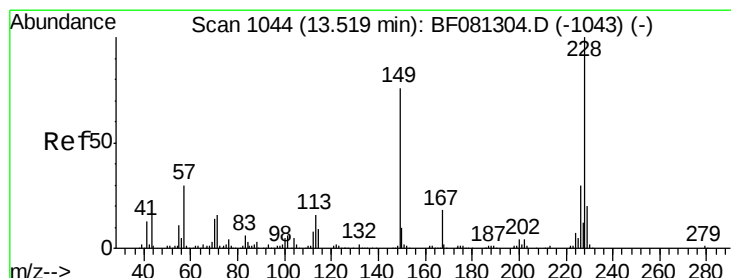
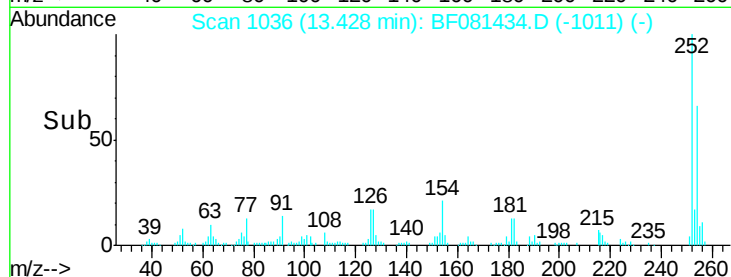
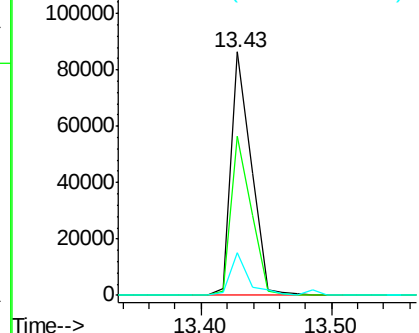
#81
 3,3'-Dichlorobenzidine
 Concen: 22.12 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.4	77.2
126	17.4	16.4	24.6

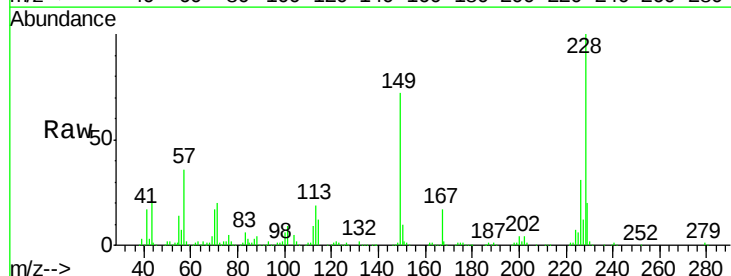


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

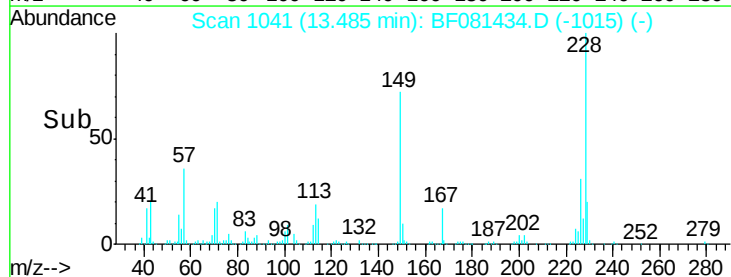
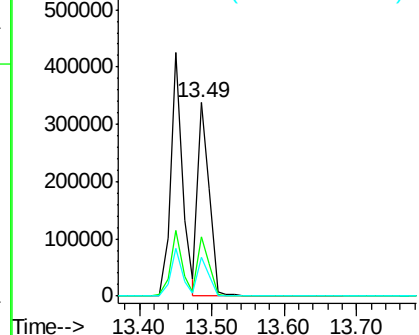


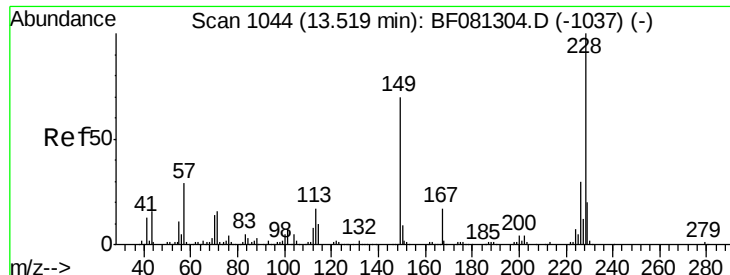
#82
 Chrysene
 Concen: 33.49 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.0	31.4
229	19.9	15.6	23.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.13 ng

RT: 13.49 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)MSD

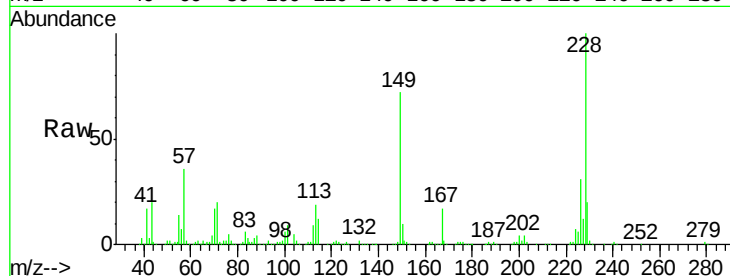
Tot Ion:149 Resp: 334616

Ion Ratio Lower Upper

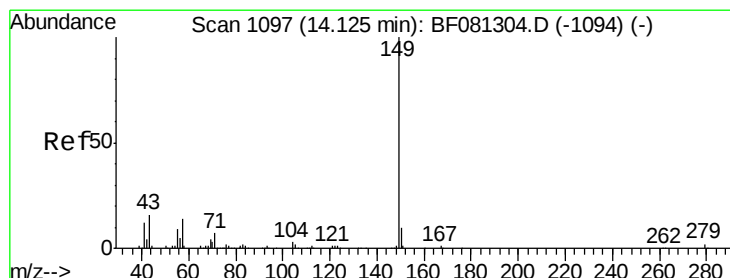
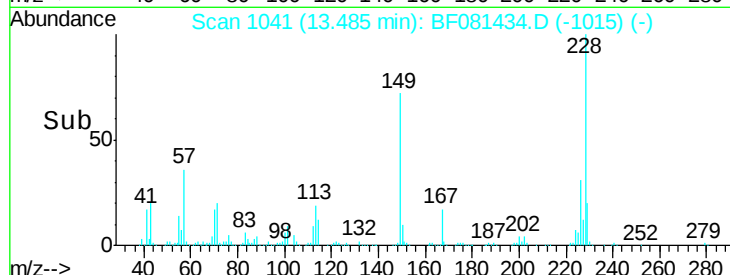
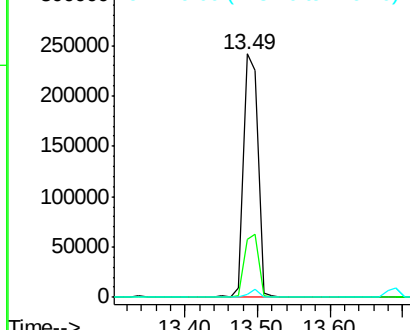
149 100

167 23.9 24.2 36.2#

279 1.3 3.8 5.6#



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: 38.14 ng

RT: 14.09 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

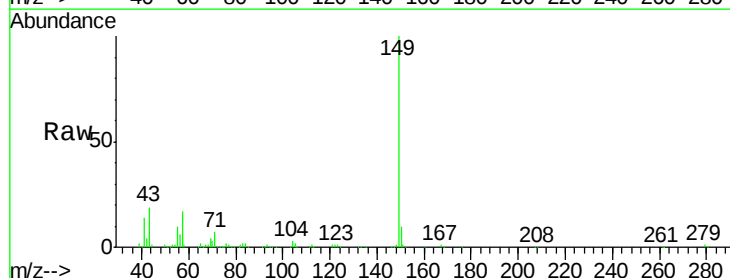
Tgt Ion:149 Resp: 523609

Ion Ratio Lower Upper

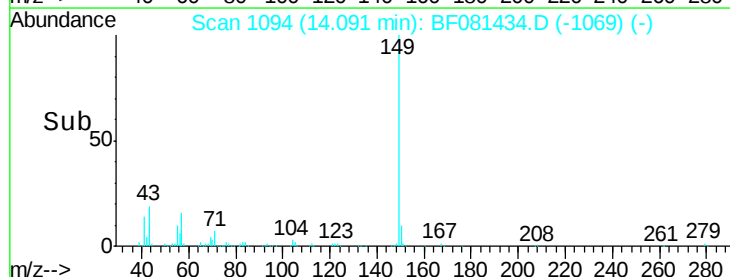
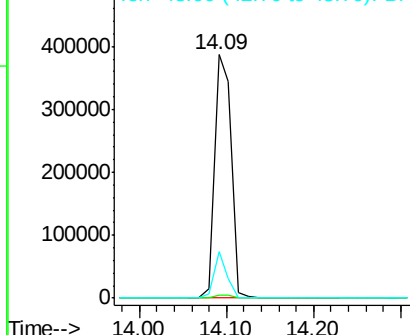
149 100

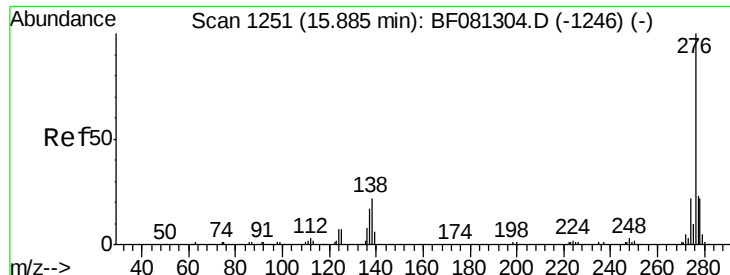
167 1.4 1.0 1.6

43 14.3 10.2 15.2



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

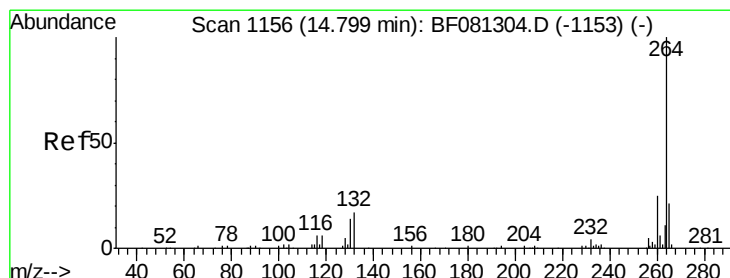
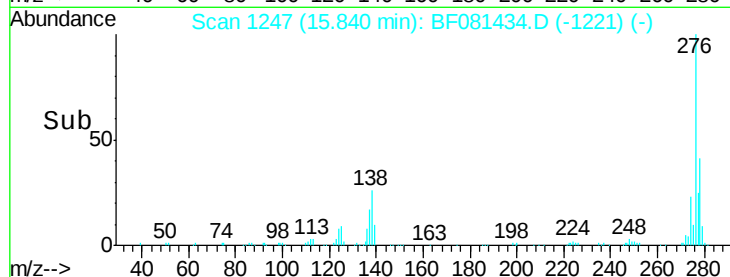
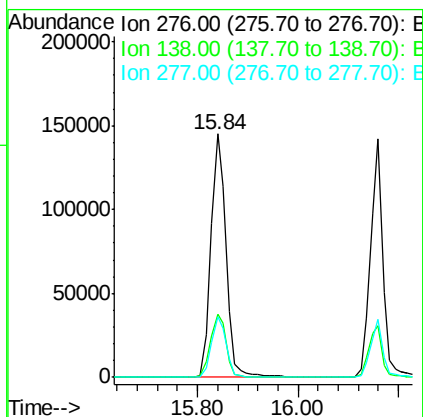
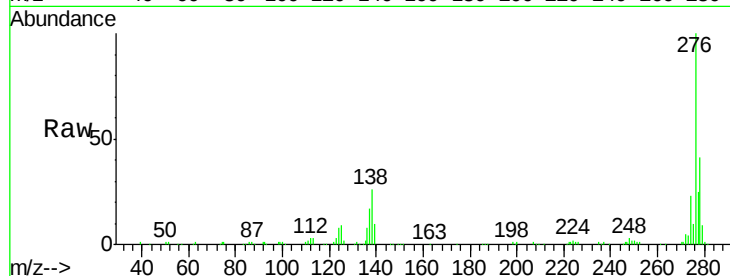




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.87 ng
 RT: 15.84 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

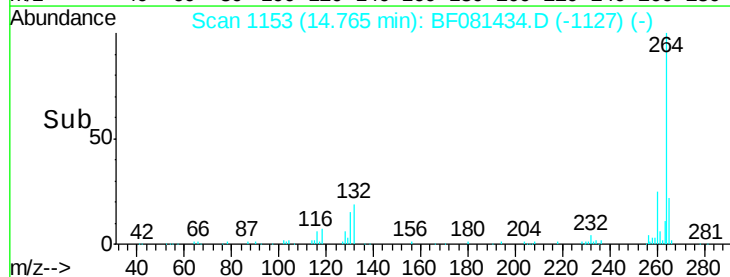
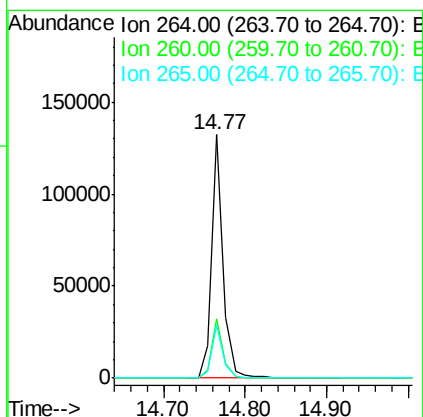
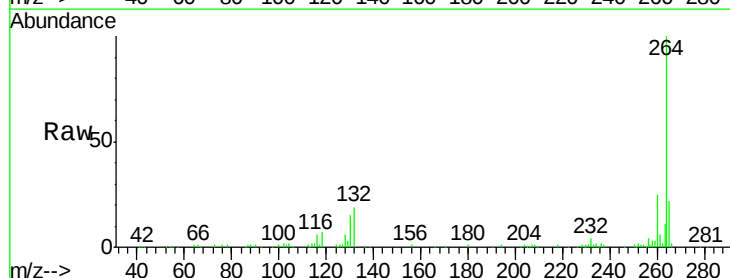
Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

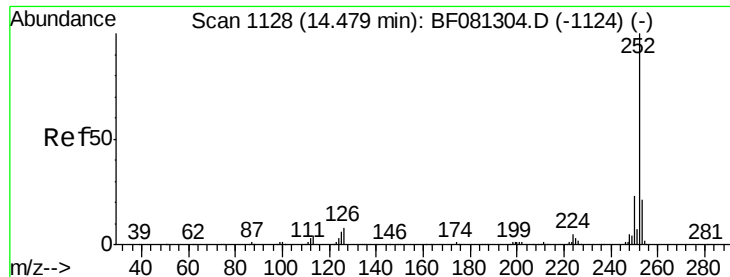
Tot Ion:276 Resp: 302824
 Ion Ratio Lower Upper
 276 100
 138 26.8 25.7 38.5
 277 24.3 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion:264 Resp: 131731
 Ion Ratio Lower Upper
 264 100
 260 24.5 16.7 25.1
 265 22.0 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 75.55 ng

RT: 14.47 min Scan# 1127

Delta R.T. 0.02 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)MSD

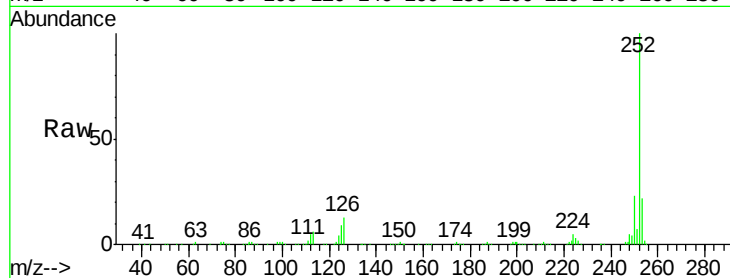
Tot Ion:252 Resp: 710574

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

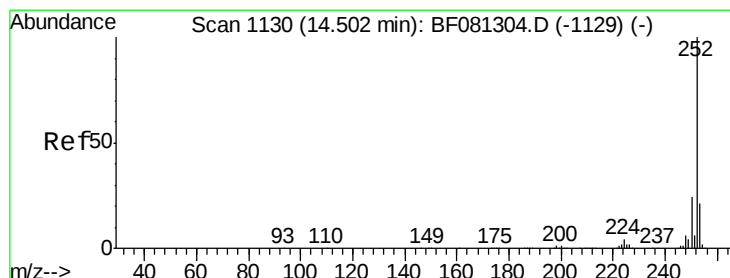
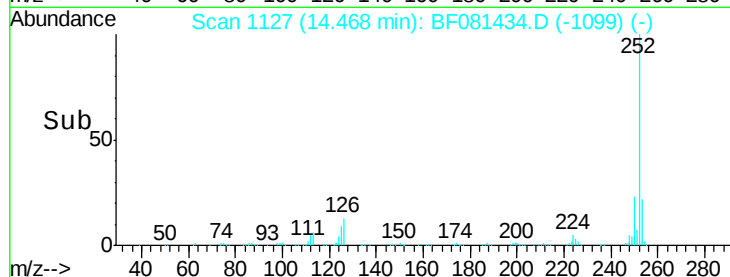
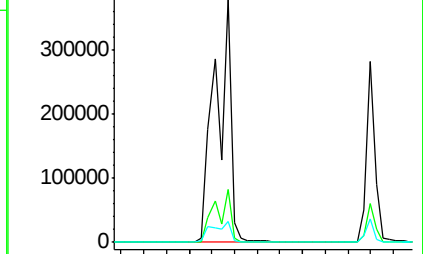
125 8.8 17.1 25.7#



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



#88

Benzo(k)fluoranthene

Concen: 91.06 ng

RT: 14.47 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

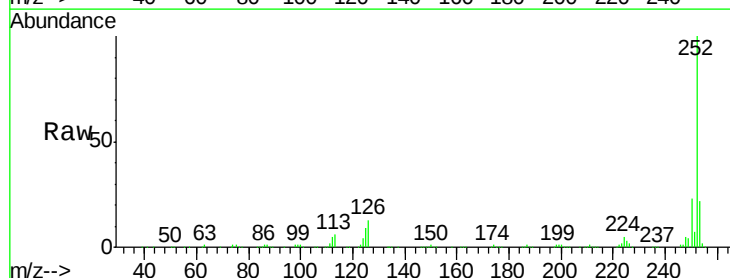
Tgt Ion:252 Resp: 710574

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

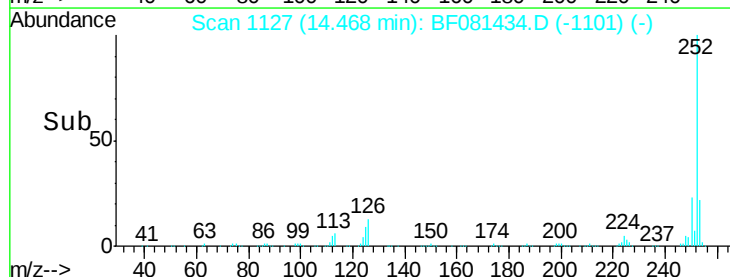
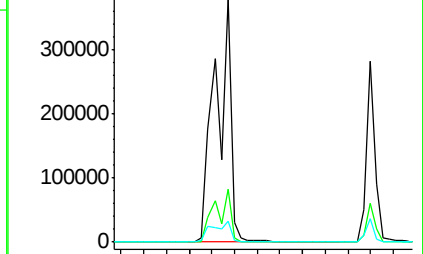
125 8.8 16.0 24.0#

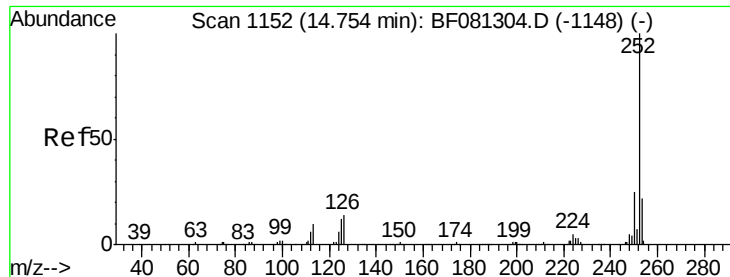


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.86 ng

RT: 14.72 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)MSD

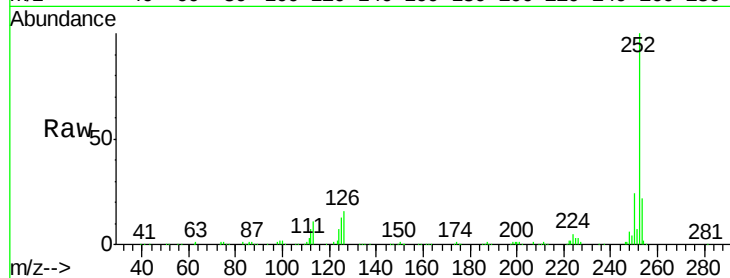
Tot Ion:252 Resp: 309701

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

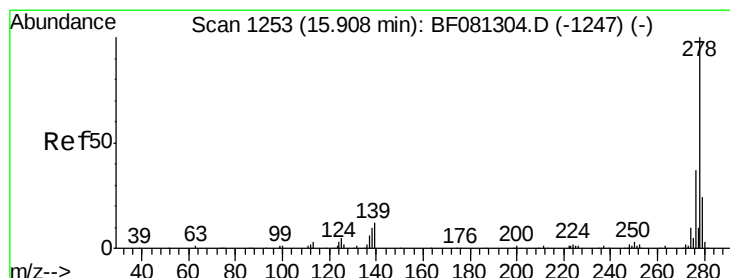
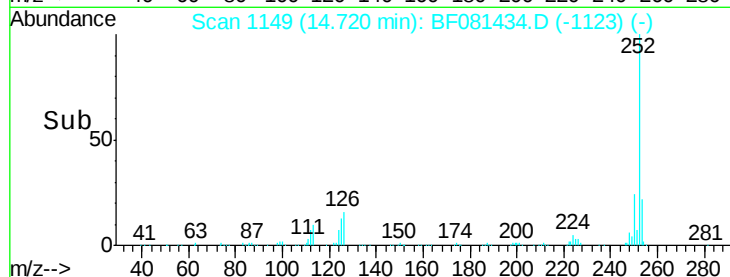
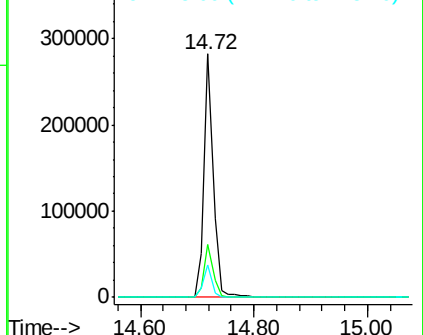
125 13.1 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.25 ng

RT: 15.85 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

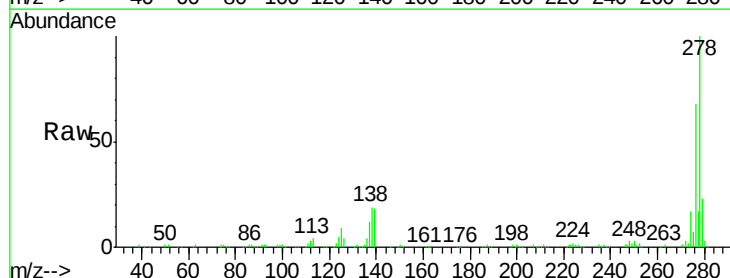
Tgt Ion:278 Resp: 254038

Ion Ratio Lower Upper

278 100

139 17.9 26.3 39.5#

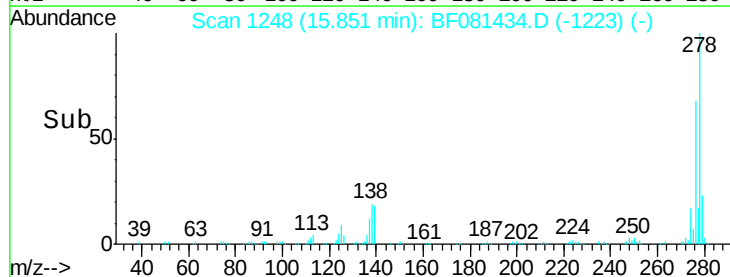
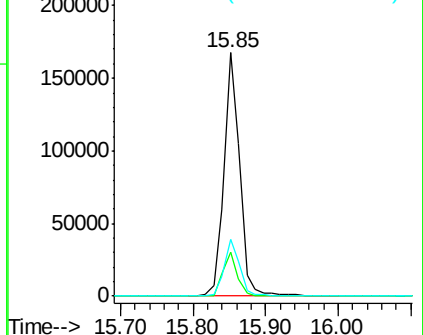
279 23.3 18.2 27.4

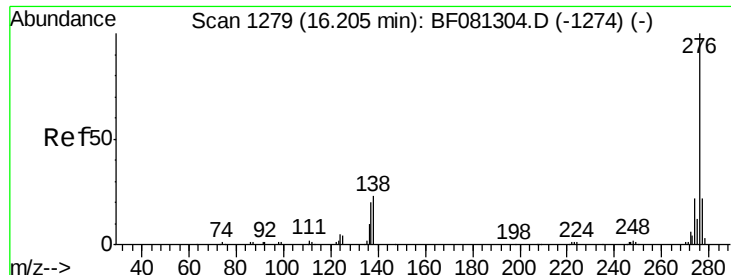


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.59 ng
 RT: 16.16 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.8	26.6
138	21.5	34.6	51.8

