

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
 Data File : BF081507.D
 Acq On : 6 Sep 2015 13:46
 Operator : UM/IZ
 Sample : G3472-06MS
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB003MS

Quant Time: Sep 07 01:57:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	52687	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	192883	20.00	ng	-0.03
38) Acenaphthene-d10	9.39	164	84592	20.00	ng	-0.02
63) Phenanthrene-d10	10.86	188	144215	20.00	ng	-0.02
75) Chrysene-d12	13.49	240	102485	20.00	ng	-0.01
86) Perylene-d12	14.79	264	99018	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.90	112	272196	80.16	ng	-0.02
7) Phenol-d6	6.03	99	383239	85.26	ng	-0.02
23) Nitrobenzene-d5	6.94	82	228855	57.24	ng	-0.03
41) 2,4,6-Tribromophenol	10.17	330	54564	72.44	ng	-0.03
44) 2-Fluorobiphenyl	8.73	172	336745	51.01	ng	-0.03
78) Terphenyl-d14	12.45	244	199213	45.25	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.72	88	34592	22.68	ng	# 76
3) Pyridine	2.27	79	80178	19.06	ng	# 85
4) n-Nitrosodimethylamine	2.23	42	68671	29.39	ng	# 69
6) Aniline	6.02	93	87823	13.84	ng	# 65
8) 2-Chlorophenol	6.15	128	97884	26.16	ng	# 93
9) Benzaldehyde	5.90	77	73150	25.97	ng	# 87
10) Phenol	6.04	94	154468	29.63	ng	# 57
11) bis(2-Chloroethyl)ether	6.11	93	113189	30.10	ng	# 97
12) 1,3-Dichlorobenzene	6.30	146	104555	26.15	ng	# 94
13) 1,4-Dichlorobenzene	6.38	146	109070	26.79	ng	# 91
14) 1,2-Dichlorobenzene	6.30	146	104555	28.53	ng	# 95
15) Benzyl Alcohol	6.52	79	98475	26.71	ng	# 72
16) 2,2'-oxybis(1-Chloropropan	6.66	45	203875	28.28	ng	# 26
17) 2-Methylphenol	6.66	107	80429	26.94	ng	# 76
18) Hexachloroethane	6.87	117	40234	25.40	ng	# 90
19) n-Nitroso-di-n-propylamine	6.80	70	78355	25.61	ng	# 90
20) 3+4-Methylphenols	6.82	107	114250	28.38	ng	# 88
22) Acetophenone	6.79	105	152481	28.94	ng	# 77
24) Nitrobenzene	6.96	77	116561	28.08	ng	# 72
25) Isophorone	7.20	82	199269	26.80	ng	# 82
26) 2-Nitrophenol	7.28	139	48327	26.71	ng	# 66
27) 2,4-Dimethylphenol	7.34	122	86415	27.65	ng	# 74
28) bis(2-Chloroethoxy)methane	7.43	93	123251	28.69	ng	# 91
29) 2,4-Dichlorophenol	7.53	162	74423	27.46	ng	# 96
30) 1,2,4-Trichlorobenzene	7.60	180	83680	28.42	ng	# 98
31) Naphthalene	7.67	128	414967	40.34	ng	# 98
32) Benzoic acid	7.48	122	5411	4.84	ng	# 72
33) 4-Chloroaniline	7.74	127	56179	13.39	ng	# 81
34) Hexachlorobutadiene	7.79	225	47766	26.66	ng	# 96
35) Caprolactam	8.10	113	23257	27.98	ng	# 1
36) 4-Chloro-3-methylphenol	8.24	107	90375	29.79	ng	# 69
37) 2-Methylnaphthalene	8.36	142	246116	36.77	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	71552	26.75	ng	# 98
40) Hexachlorocyclopentadiene	8.51	237	7173	5.46	ng	# 95

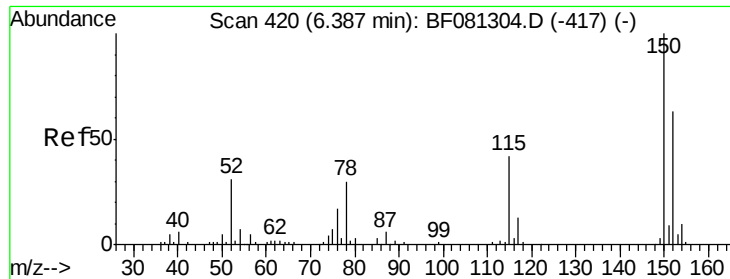
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	55520	30.07	nq	99
43) 2,4,5-Trichlorophenol	8.70	196	55365	29.39	nq	# 88
45) 1,1'-Biphenyl	8.82	154	208747	26.82	nq	95
46) 2-Chloronaphthalene	8.84	162	171229	30.47	nq	# 91
47) 2-Nitroaniline	8.95	65	64066	27.97	nq	# 50
48) Acenaphthylene	9.26	152	437982	43.93	nq	97
49) Dimethylphthalate	9.14	163	273337	41.59	nq	# 97
50) 2,6-Dinitrotoluene	9.20	165	33743	22.62	nq	# 1
51) Acenaphthene	9.43	154	278080	49.03	nq	90
52) 3-Nitroaniline	9.36	138	31750	18.70	nq	# 31
53) 2,4-Dinitrophenol	9.48	184	5235	8.33	nq	# 23
54) Dibenzofuran	9.60	168	380248	45.91	nq	# 91
55) 4-Nitrophenol	9.60	139	210850	197.63	nq	# 32
56) 2,4-Dinitrotoluene	9.60	165	50224	26.44	nq	# 15
57) Fluorene	9.93	166	305895	48.67	nq	96
58) 2,3,4,6-Tetrachlorophenol	9.72	232	40861	28.41	nq	# 89
59) Diethylphthalate	9.84	149	204936	29.64	nq	97
60) 4-Chlorophenyl-phenylether	9.94	204	73450	25.07	nq	97
61) 4-Nitroaniline	9.96	138	37417	21.81	nq	# 13
62) Azobenzene	10.09	77	215864	28.08	nq	93
64) 4,6-Dinitro-2-methylphenol	10.01	198	6800	8.43	nq	# 45
65) n-Nitrosodiphenylamine	10.06	169	169369	32.27	nq	90
66) 4-Bromophenyl-phenylether	10.42	248	40273	27.62	nq	# 91
67) Hexachlorobenzene	10.48	284	42494	27.87	nq	# 92
68) Atrazine	10.60	200	42361	27.89	nq	82
69) Pentachlorophenol	10.68	266	40183	56.96	nq	99
70) Phenanthrene	10.94	178	651603	81.27	nq	97
71) Anthracene	10.94	178	651603	79.11	nq	97
72) Carbazole	11.10	167	424418	54.91	nq	# 95
73) Di-n-butylphthalate	11.45	149	277187	30.37	nq	# 98
74) Fluoranthene	12.08	202	2684021	309.24	nq	93
77) Pyrene	12.15	202	83435	10.99	nq	97
79) Butylbenzylphthalate	12.93	149	89842	27.21	nq	# 73
80) Benzo(a)anthracene	13.47	228	1228566	188.24	nq	93
81) 3,3'-Dichlorobenzidine	13.45	252	32962	14.97	nq	# 96
82) Chrysene	13.47	228	1228566	209.99	nq	94
83) Bis(2-ethylhexyl)phthalate	13.50	149	132065	30.31	nq	# 91
84) Di-n-octyl phthalate	14.10	149	192576	26.84	nq	# 91
85) Indeno(1,2,3-cd)pyrene	15.90	276	559654	130.38	nq	# 83
87) Benzo(b)fluoranthene	14.48	252	1841844	260.54	nq	# 88
88) Benzo(k)fluoranthene	14.48	252	1841844	314.00	nq	# 88
89) Benzo(a)pyrene	14.75	252	1013075	169.12	nq	# 86
90) Dibenzo(a,h)anthracene	15.90	278	277541	59.96	nq	# 78
91) Benzo(g,h,i)perylene	16.22	276	461599	104.48	nq	# 73

(#) = 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. -0.03 min

Lab File: BF081507.D

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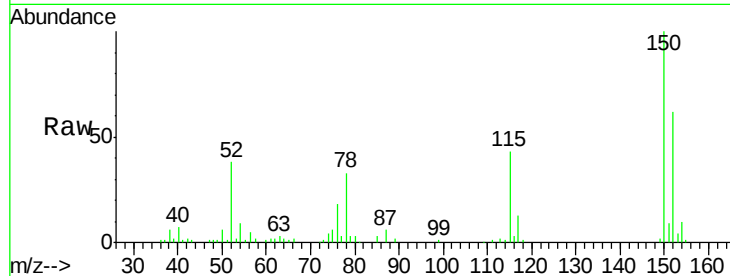
Tot Ion:152 Resp: 52687

Ion Ratio Lower Upper

152 100

150 161.9 124.7 187.1

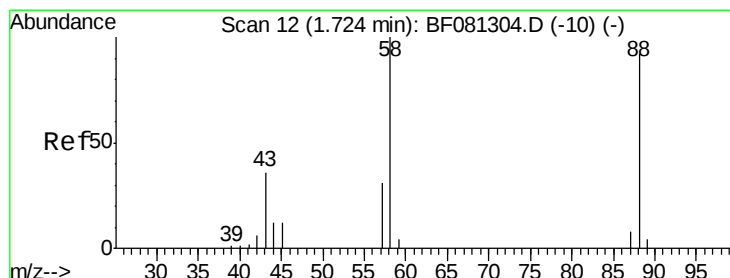
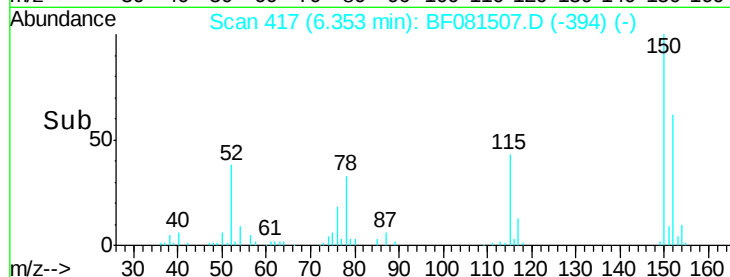
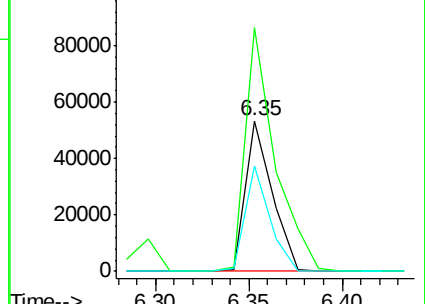
115 70.1 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 22.68 ng

RT: 1.72 min Scan# 12

Delta R.T. 0.00 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

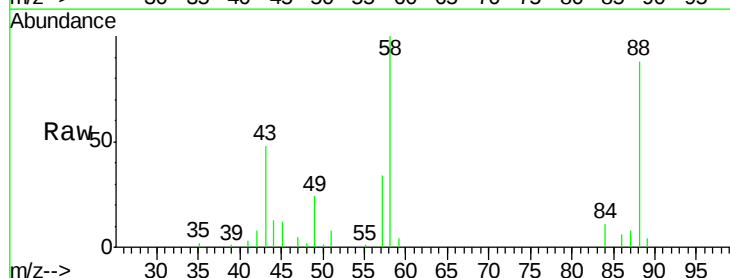
Tgt Ion: 88 Resp: 34592

Ion Ratio Lower Upper

88 100

58 110.1 77.7 116.5

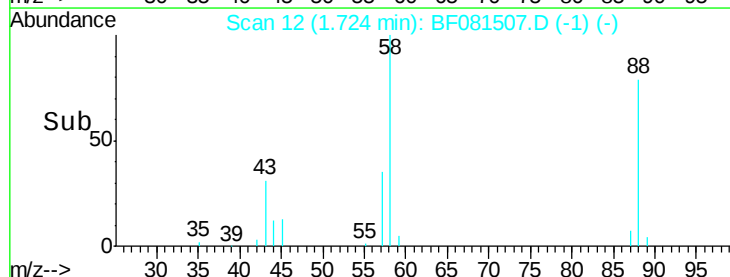
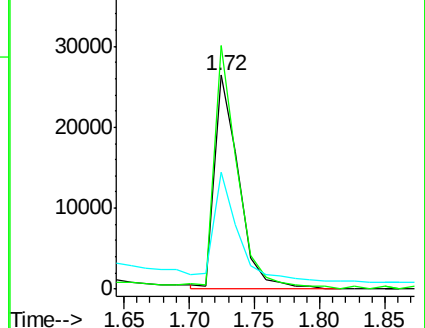
43 64.4 26.6 40.0#

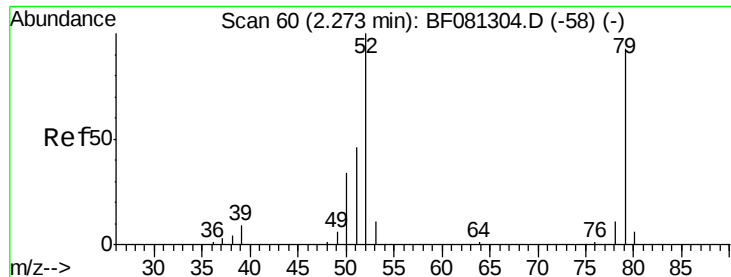


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 19.06 ng

RT: 2.27 min Scan# 60

Delta R.T. 0.00 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Instrument :

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ClientSampleId :

SB003MS

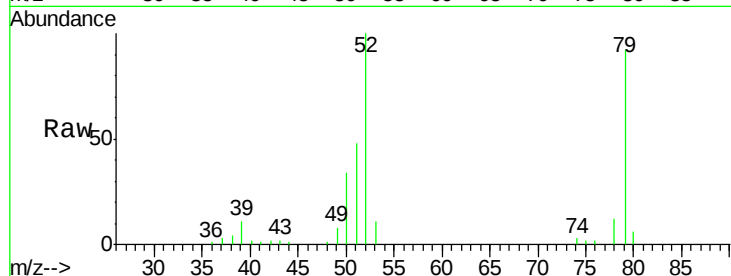
Tot Ion: 79 Resp: 80178

Ion Ratio Lower Upper

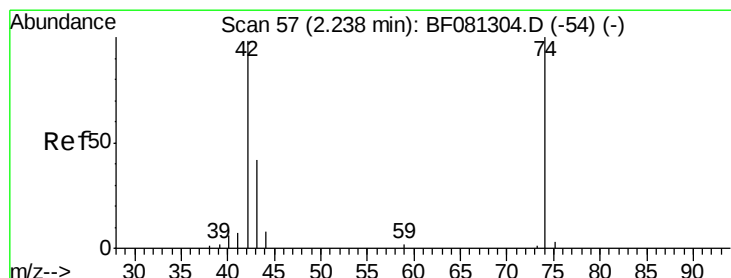
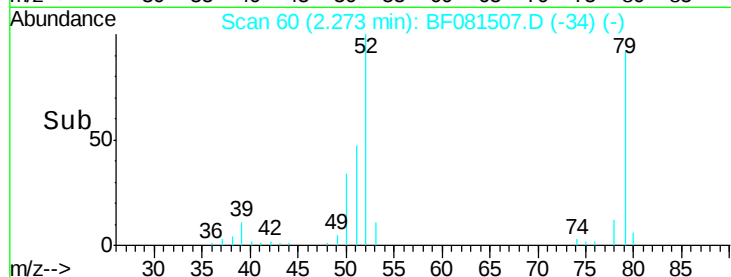
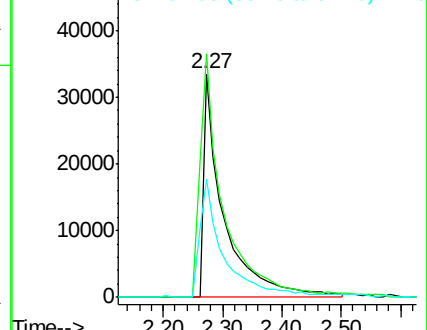
79 100

52 108.8 76.8 115.2

51 52.7 32.2 48.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 29.39 ng

RT: 2.23 min Scan# 56

Delta R.T. -0.01 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

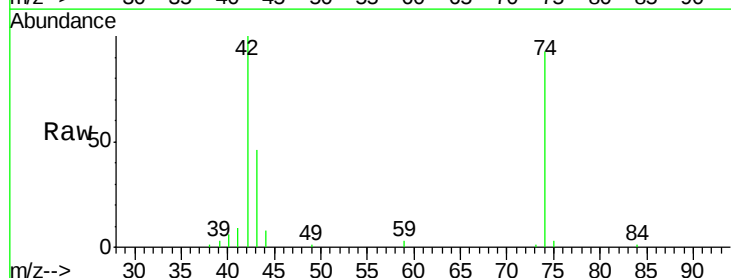
Tgt Ion: 42 Resp: 68671

Ion Ratio Lower Upper

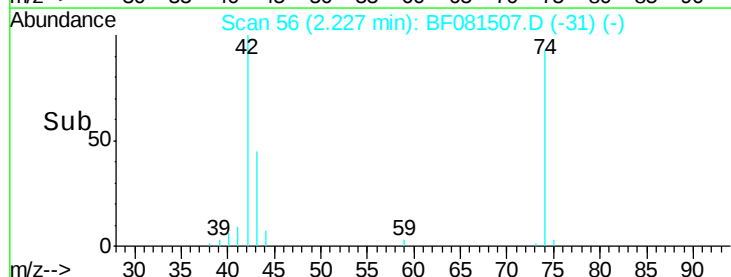
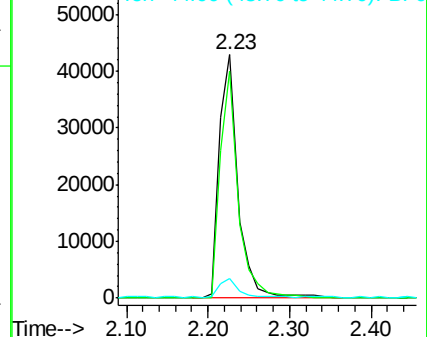
42 100

74 93.0 105.0 157.6#

44 8.0 6.6 10.0



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 80.16 ng

RT: 4.90 min Scan# 290

Delta R.T. -0.02 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

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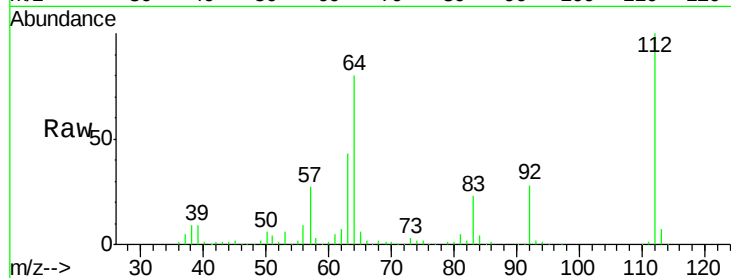
Tot Ion:112 Resp: 272196

Ion Ratio Lower Upper

112 100

64 80.4 39.7 59.5#

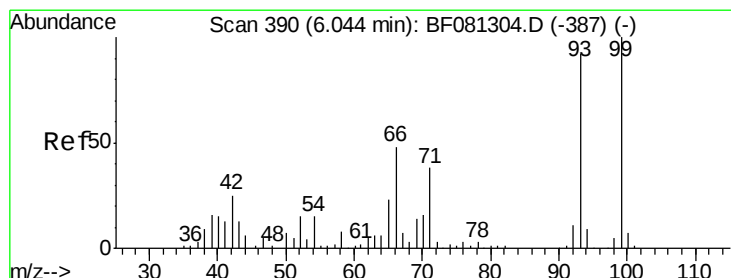
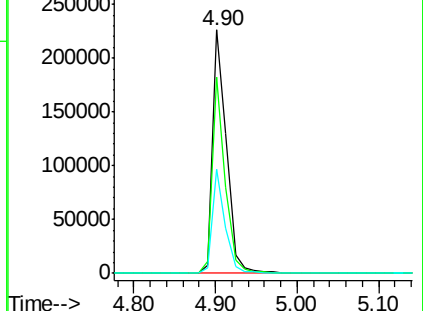
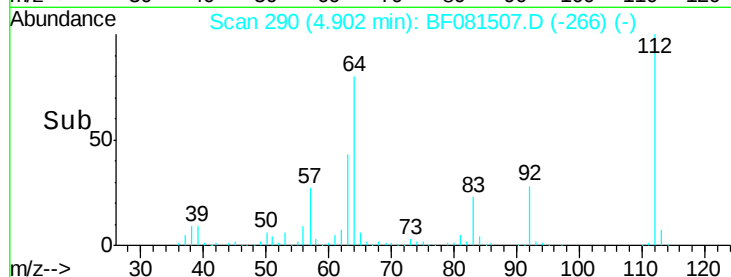
63 42.8 17.4 26.0#



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: 13.84 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

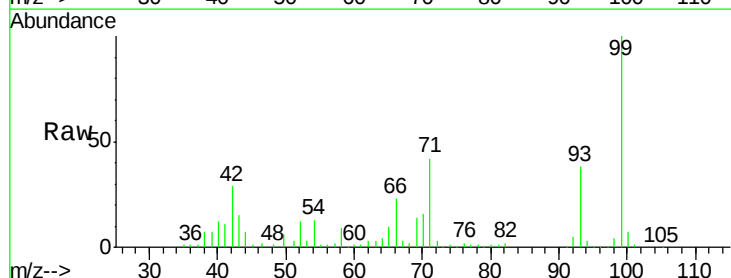
Tgt Ion: 93 Resp: 87823

Ion Ratio Lower Upper

93 100

66 59.9 27.2 40.8#

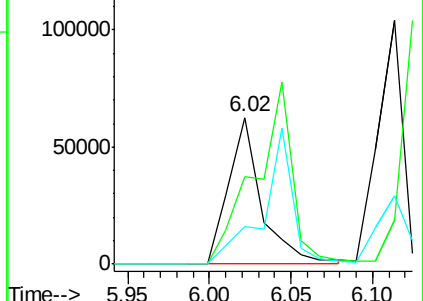
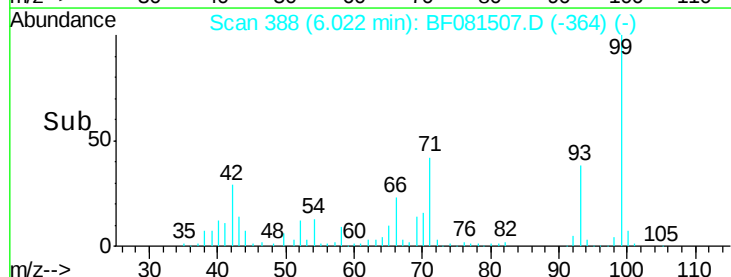
65 25.3 14.7 22.1#

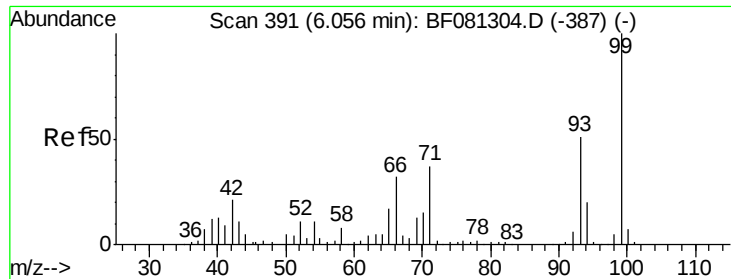


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.26 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081507.D

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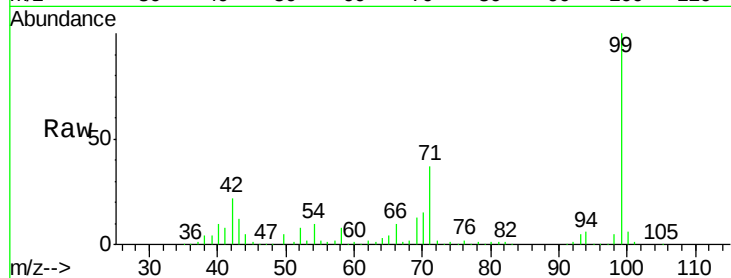
Tot Ion: 99 Resp: 383239

Ion Ratio Lower Upper

99 100

42 21.6 13.7 20.5#

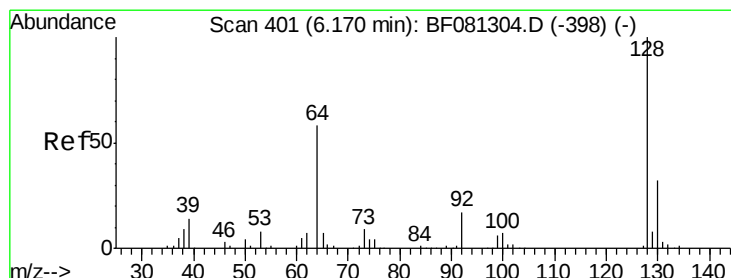
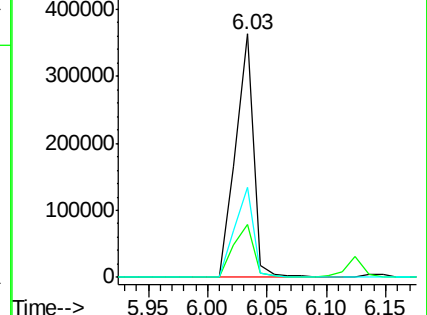
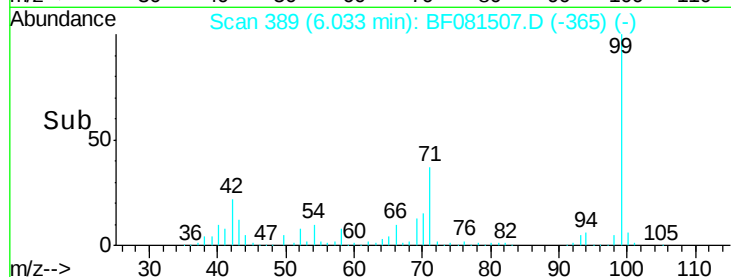
71 36.8 14.2 21.2#



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: 26.16 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

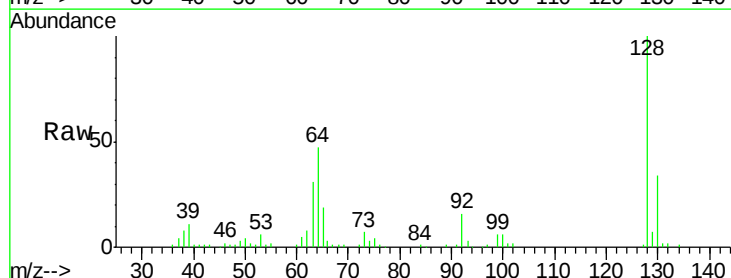
Tgt Ion: 128 Resp: 97884

Ion Ratio Lower Upper

128 100

130 33.9 12.2 52.2

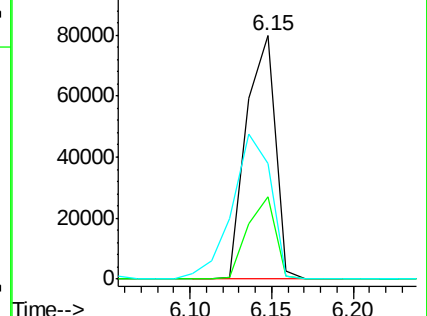
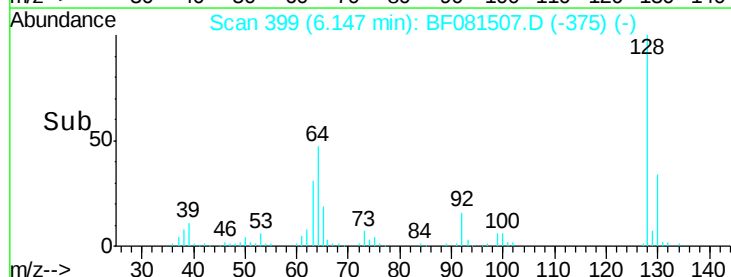
64 47.3 20.5 60.5

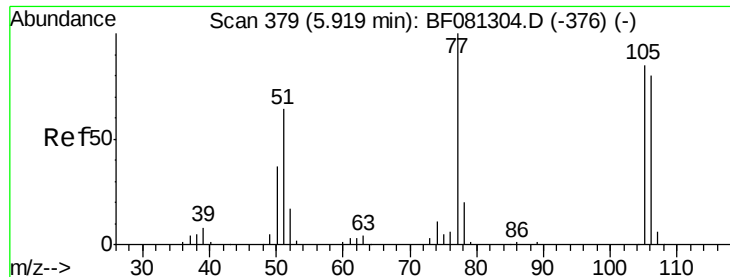


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.97 ng

RT: 5.90 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

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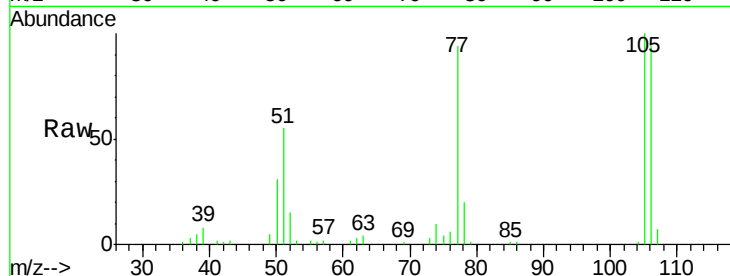
Tot Ion: 77 Resp: 73150

Ion Ratio Lower Upper

77 100

105 106.0 91.6 131.6

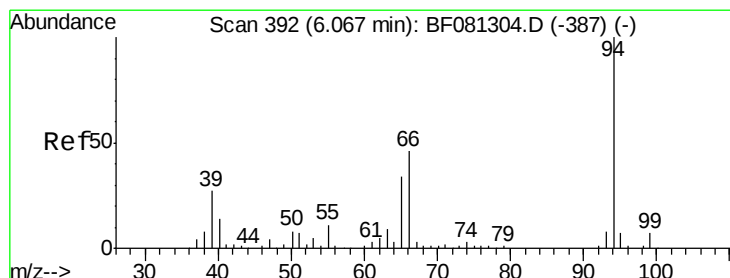
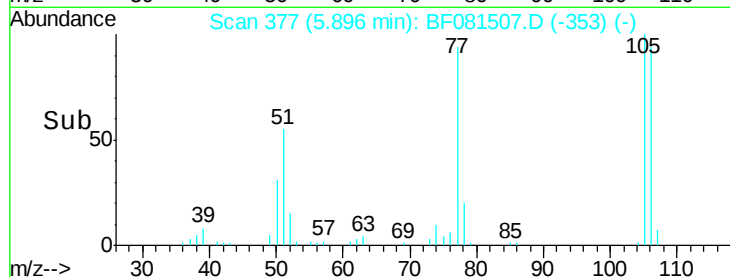
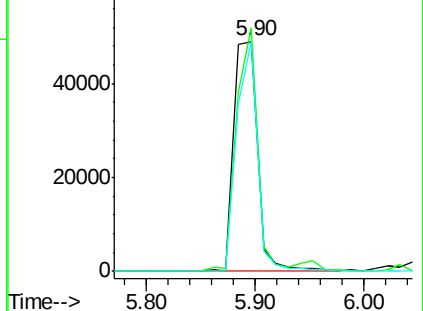
106 99.9 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 29.63 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.02 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

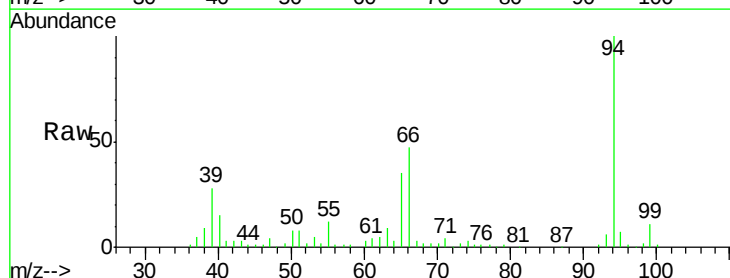
Tgt Ion: 94 Resp: 154468

Ion Ratio Lower Upper

94 100

65 34.8 0.7 40.7

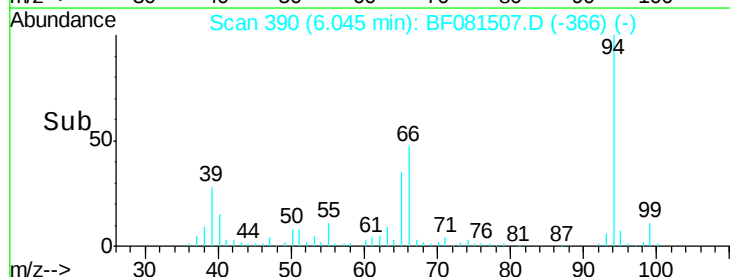
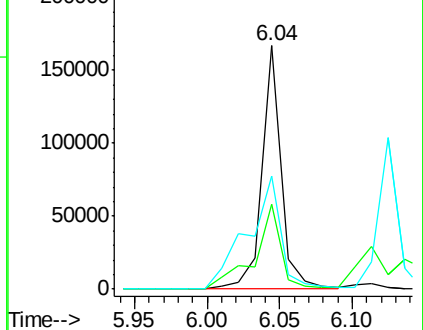
66 46.6 0.8 40.8#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 30.10 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.03 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Instrument :

BNA_F

ClientSampleId :

SB003MS

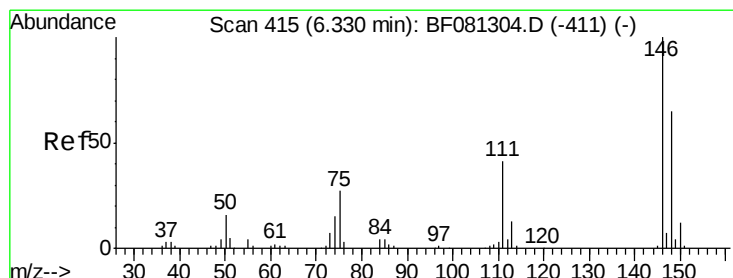
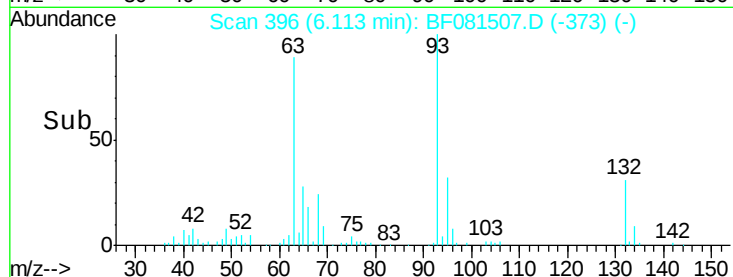
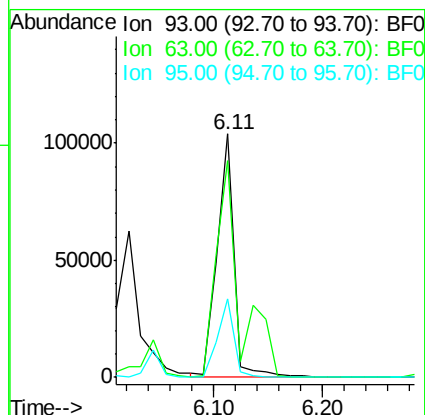
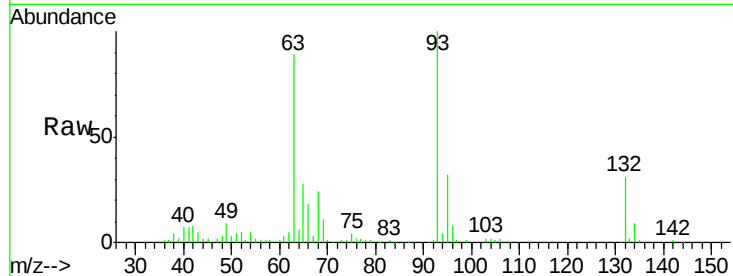
Tot Ion: 93 Resp: 113189

Ion Ratio Lower Upper

93 100

63 89.0 65.6 105.6

95 32.3 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 26.15 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.03 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

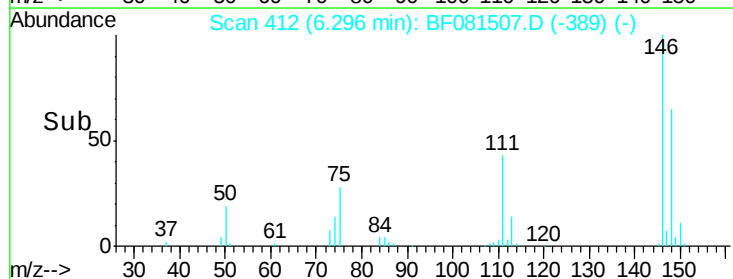
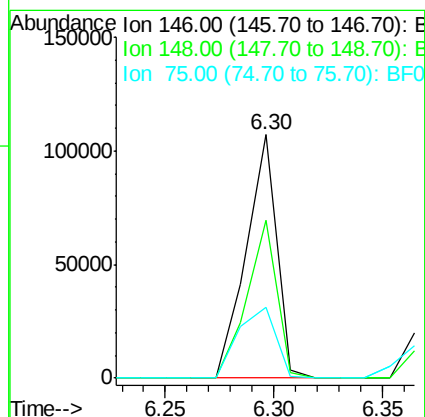
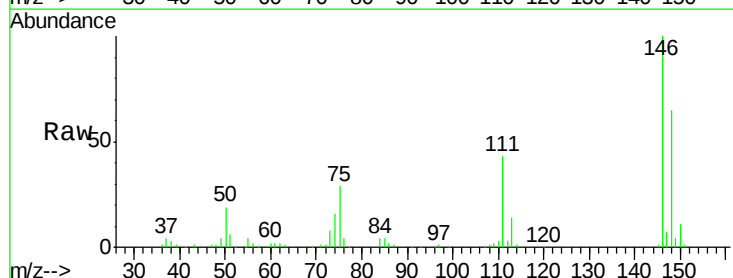
Tgt Ion: 146 Resp: 104555

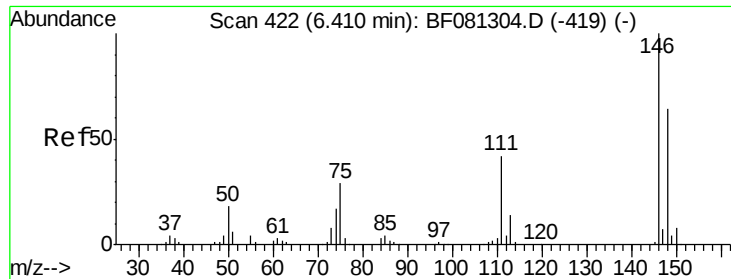
Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.4

75 28.9 15.0 22.6#

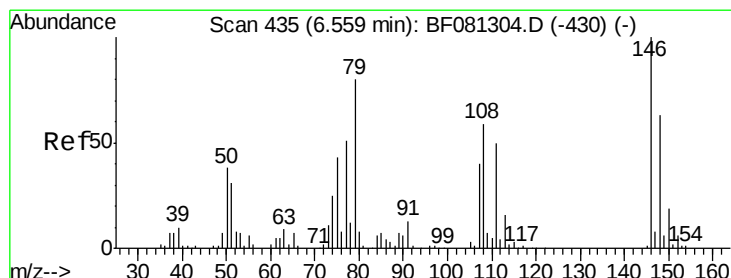
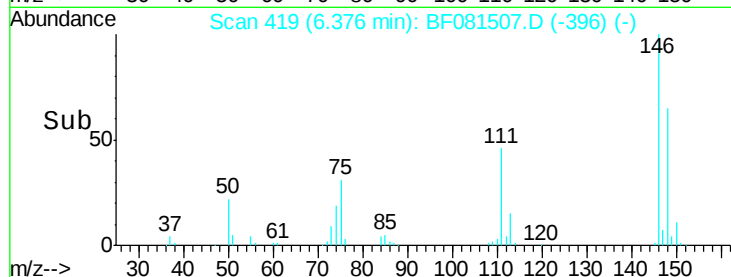
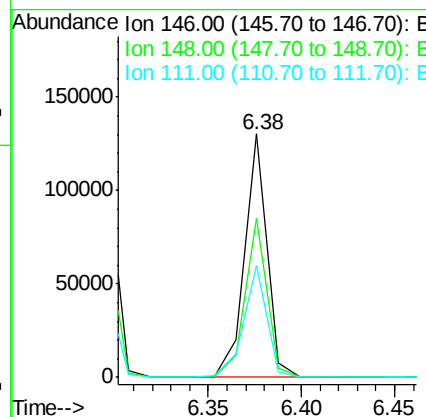
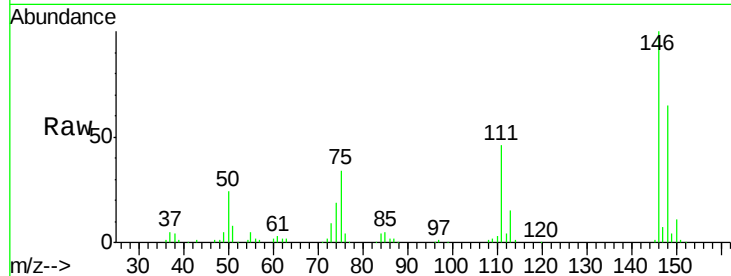




#13
 1,4-Dichlorobenzene
 Concen: 26.79 ng
 RT: 6.38 min Scan# 419
 Delta R.T. -0.03 min
 Lab File: BF081507.D
 Acq: 6 Sep 2015 13:46

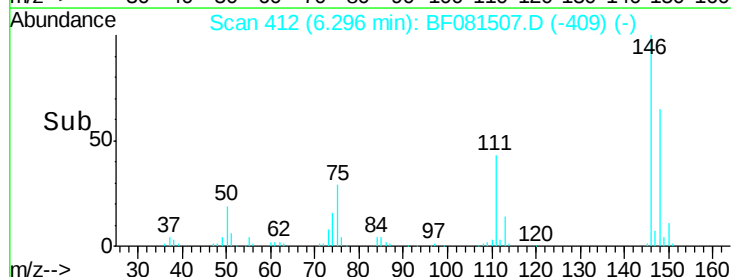
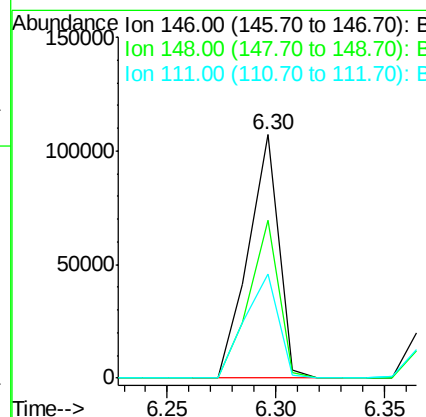
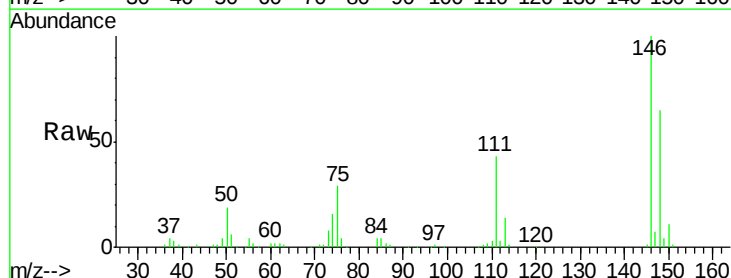
Instrument :
 BNA_F
 ClientSampleId :
 SB003MS

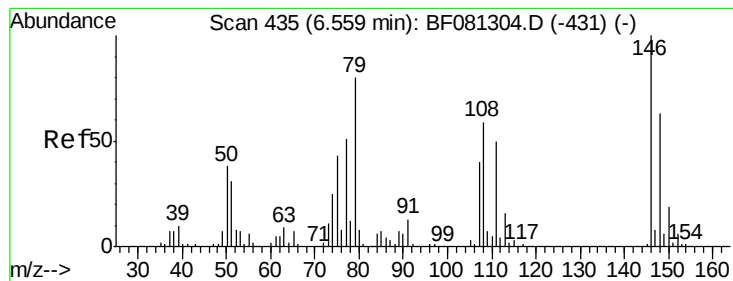
Tot Ion:146 Resp: 109070
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.8 77.6
 111 46.0 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 28.53 ng
 RT: 6.30 min Scan# 412
 Delta R.T. -0.26 min
 Lab File: BF081507.D
 Acq: 6 Sep 2015 13:46

Tgt Ion:146 Resp: 104555
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.7 79.1
 111 42.8 28.8 43.2





#15

Benzyl Alcohol

Concen: 26.71 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Instrument :

BNA_F

ClientSampleId :

SB003MS

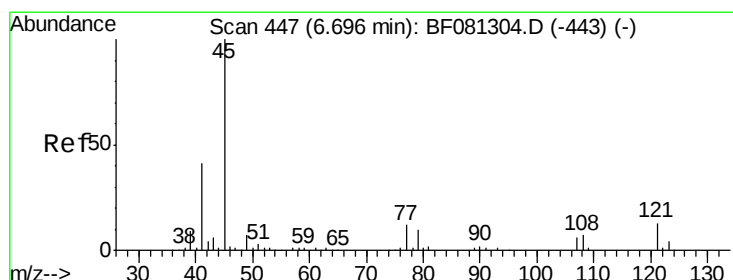
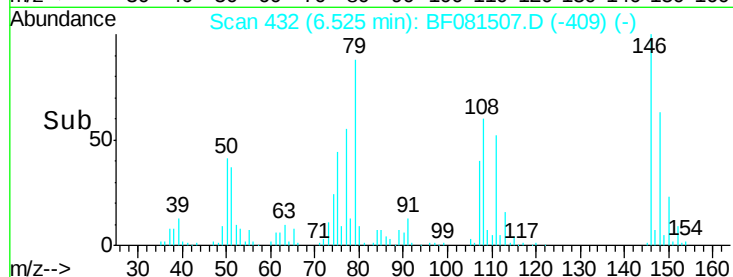
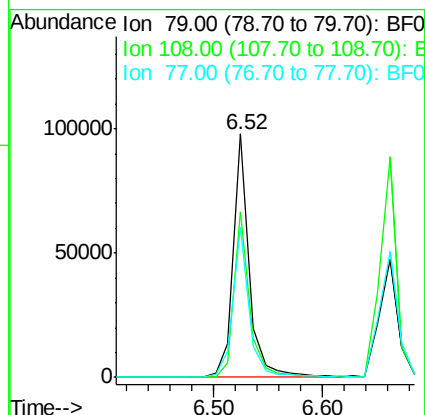
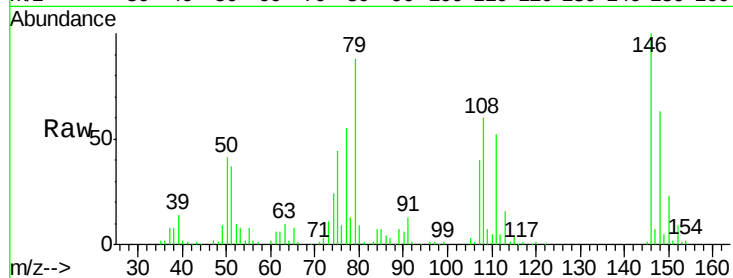
Tot Ion: 79 Resp: 98475

Ion Ratio Lower Upper

79 100

108 68.0 88.6 132.8#

77 61.8 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.28 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

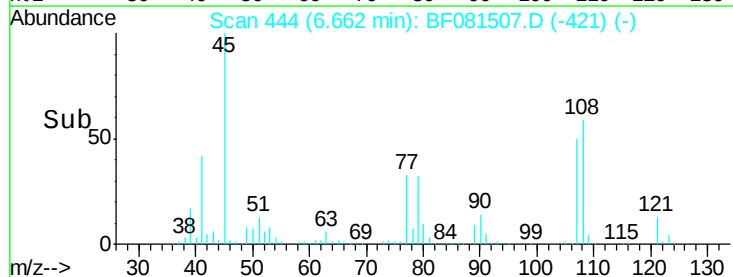
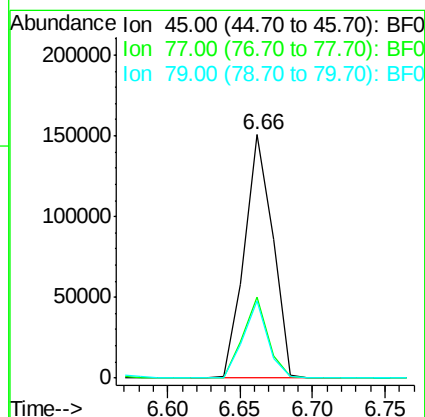
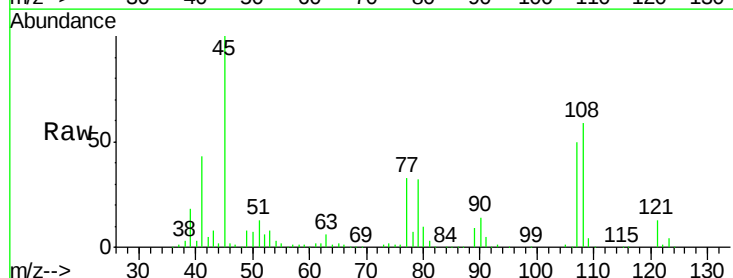
Tgt Ion: 45 Resp: 203875

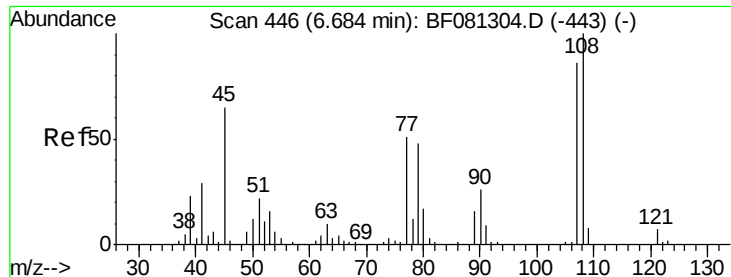
Ion Ratio Lower Upper

45 100

77 33.5 0.0 28.1#

79 31.7 0.0 26.0#

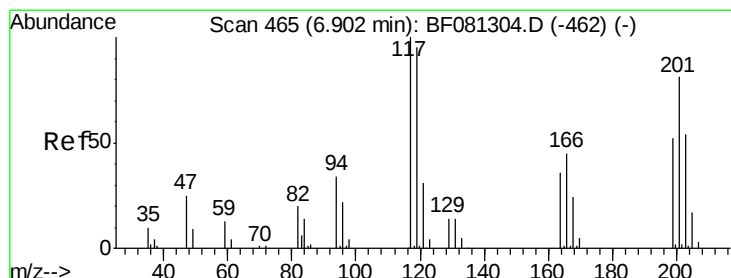
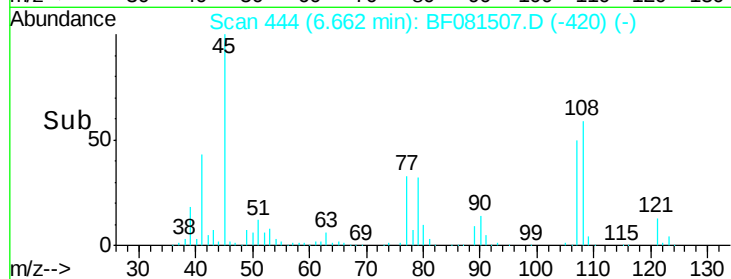
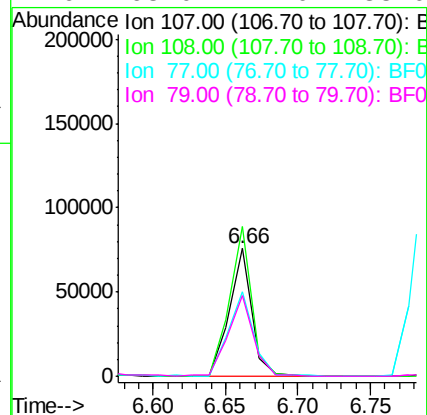
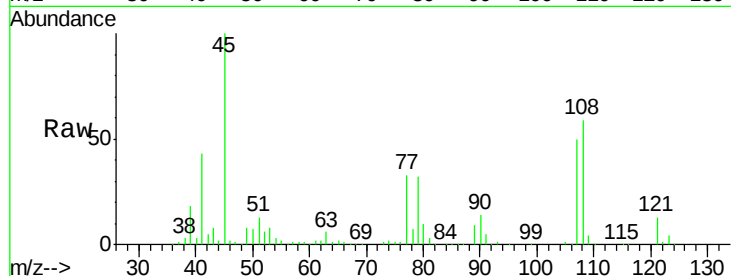




#17
2-Methylphenol
Concen: 26.94 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF081507.D
Acq: 6 Sep 2015 13:46

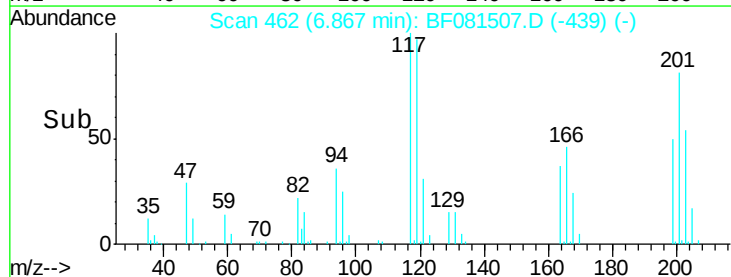
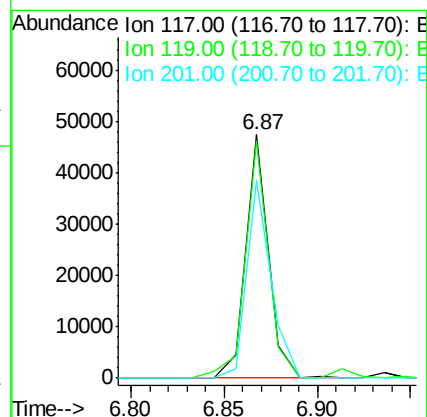
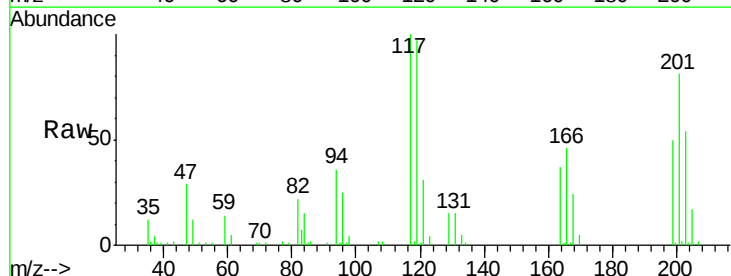
Instrument :
BNA_F
ClientSampleId :
SB003MS

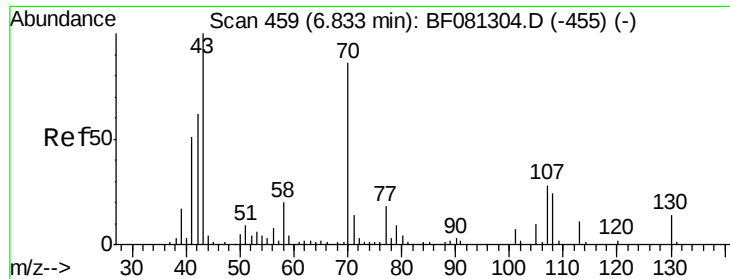
Tot Ion:107 Resp: 80429
Ion Ratio Lower Upper
107 100
108 117.1 96.6 145.0
77 66.6 23.3 34.9#
79 63.0 22.0 33.0#



#18
Hexachloroethane
Concen: 25.40 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF081507.D
Acq: 6 Sep 2015 13:46

Tgt Ion:117 Resp: 40234
Ion Ratio Lower Upper
117 100
119 97.3 83.8 125.6
201 81.3 55.1 82.7

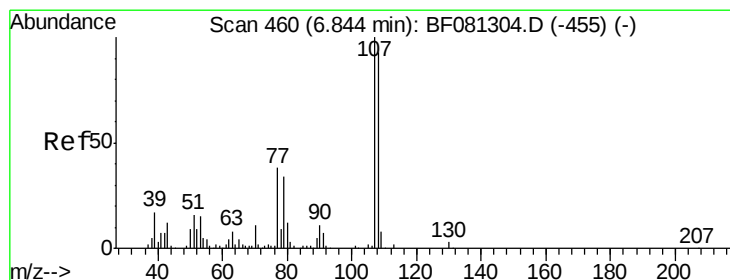
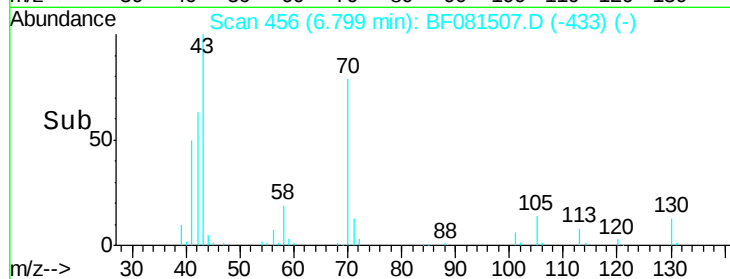
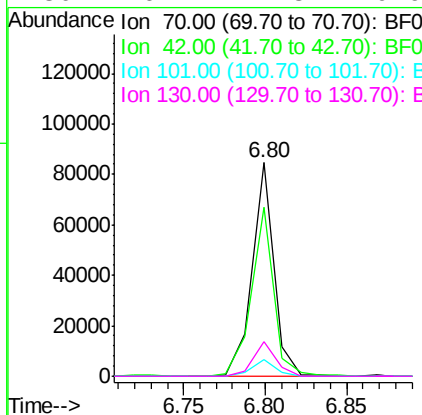
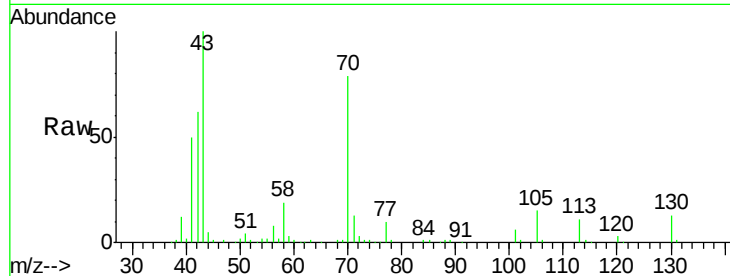




#19
n-Nitroso-di-n-propylamine
Concen: 25.61 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.03 min
Lab File: BF081507.D
Acq: 6 Sep 2015 13:46

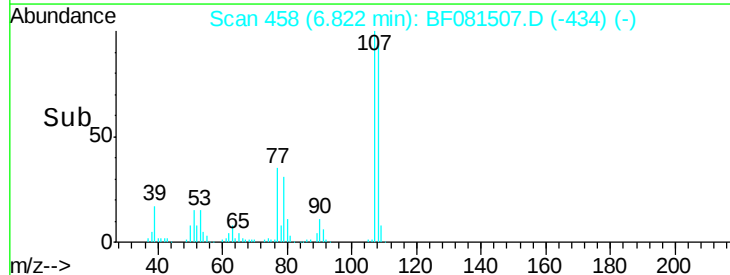
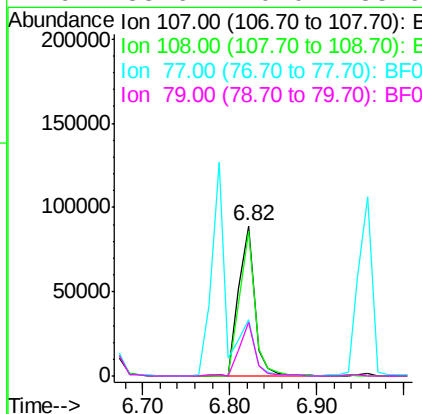
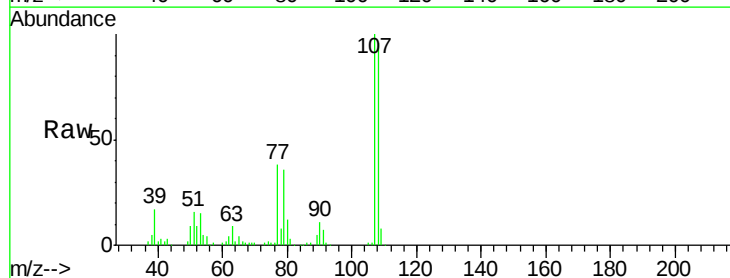
Instrument :
BNA_F
ClientSampleId :
SB003MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	79.3	63.8	95.6
101	7.9	9.2	13.8#
130	16.2	27.3	40.9#



#20
3+4-Methylphenols
Concen: 28.38 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF081507.D
Acq: 6 Sep 2015 13:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.3	74.6	114.6
77	37.6	0.7	40.7
79	35.6	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Instrument :

BNA_F

ClientSampleId :

SB003MS

Tot Ion:136 Resp: 192883

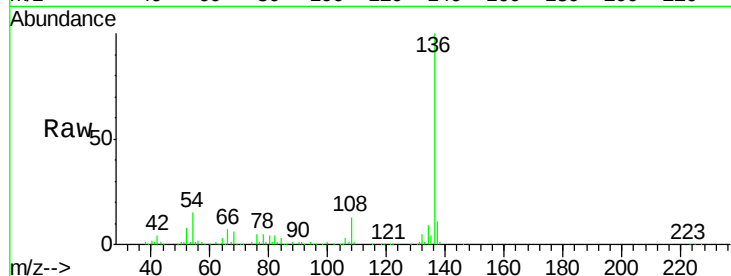
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 14.6 8.2 12.2#

68 6.4 5.8 8.6

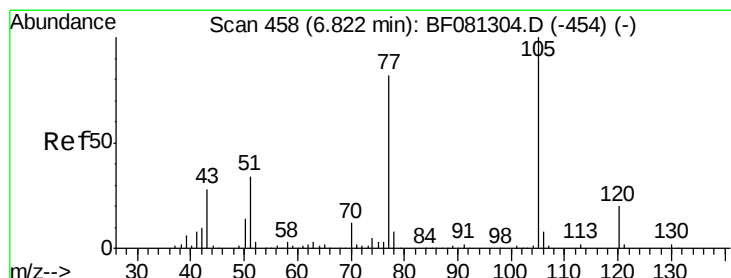
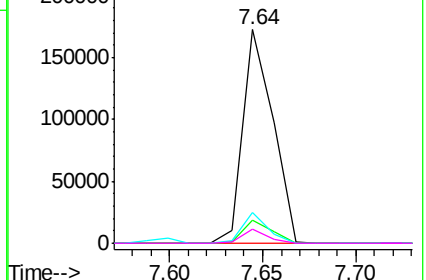
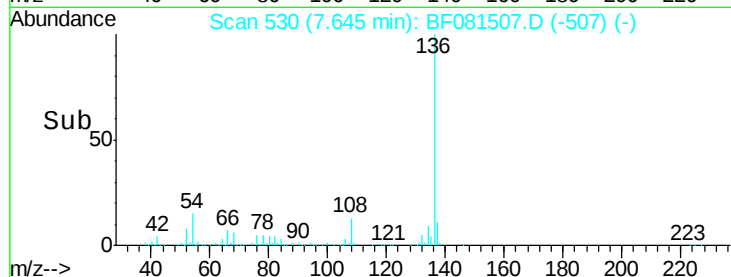


Abundance Ion 136.00 (135.70 to 136.70): E

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: 28.94 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.03 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Tgt Ion:105 Resp: 152481

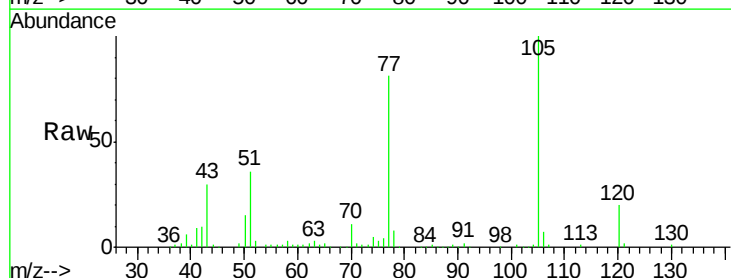
Ion Ratio Lower Upper

105 100

71 2.0 4.7 7.1#

51 35.7 22.0 33.0#

120 19.6 30.1 45.1#

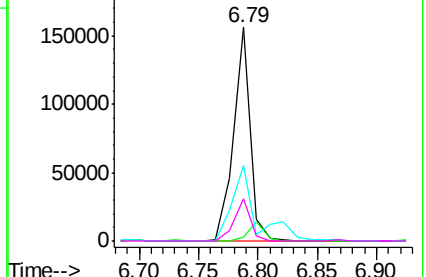
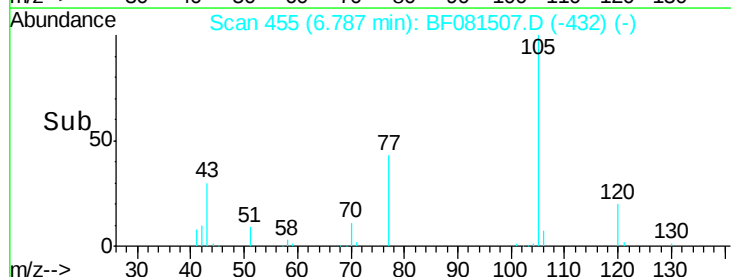


Abundance Ion 105.00 (104.70 to 105.70): E

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

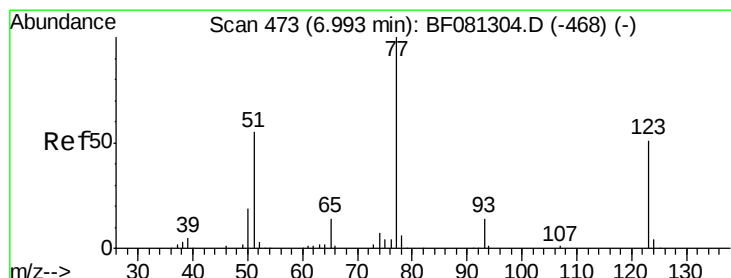
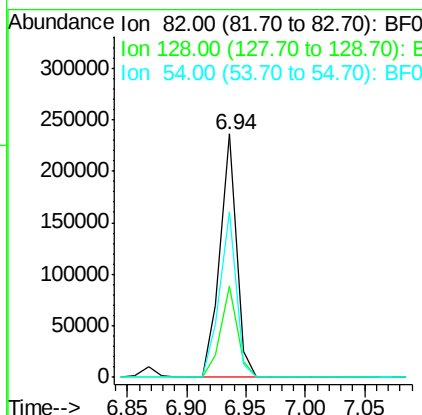
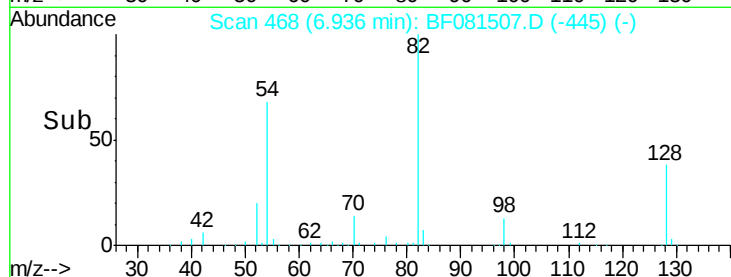
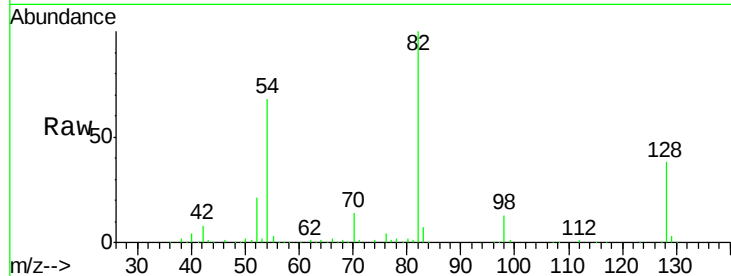




#23
 Nitrobenzene-d5
 Concen: 57.24 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF081507.D
 Acq: 6 Sep 2015 13:46

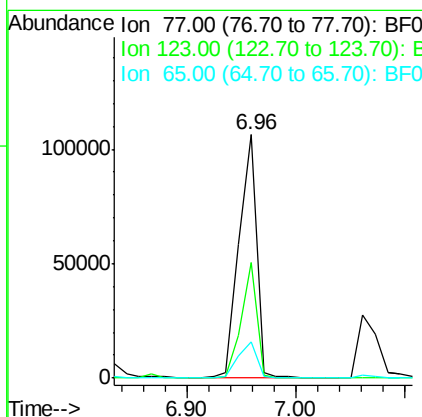
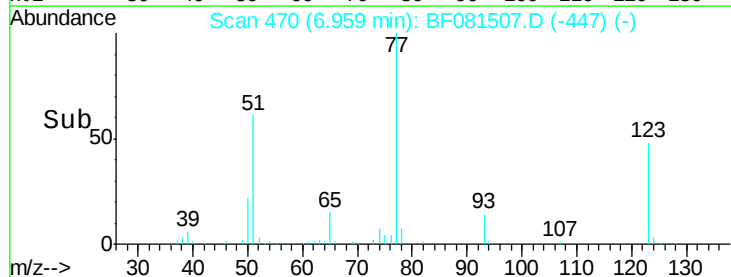
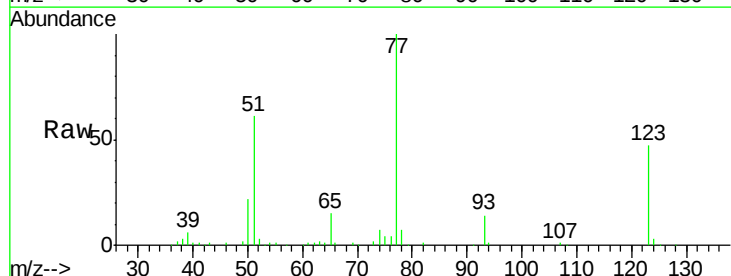
Instrument :
 BNA_F
 ClientSampleId :
 SB003MS

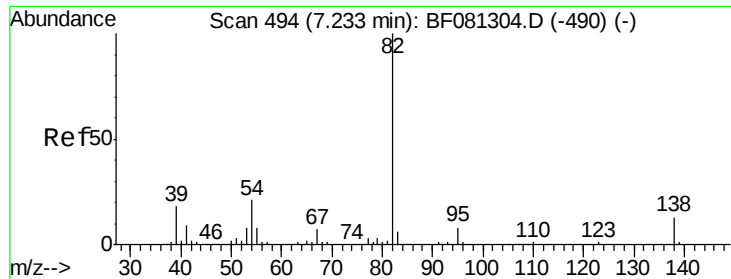
Tot Ion: 82 Resp: 228855
 Ion Ratio Lower Upper
 82 100
 128 37.5 51.0 76.6#
 54 68.1 47.5 71.3



#24
 Nitrobenzene
 Concen: 28.08 ng
 RT: 6.96 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BF081507.D
 Acq: 6 Sep 2015 13:46

Tgt Ion: 77 Resp: 116561
 Ion Ratio Lower Upper
 77 100
 123 47.3 59.8 89.8#
 65 14.7 10.2 15.4





#25

Isophorone

Concen: 26.80 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Instrument :

BNA_F

ClientSampleId :

SB003MS

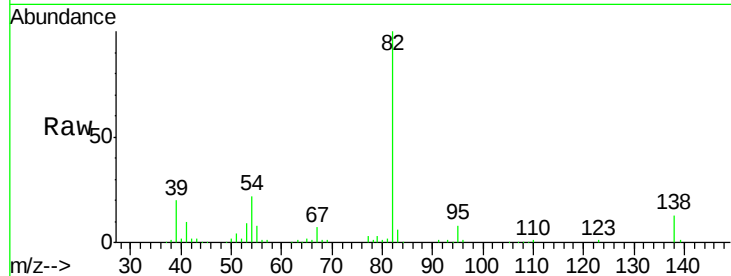
Tot Ion: 82 Resp: 199269

Ion Ratio Lower Upper

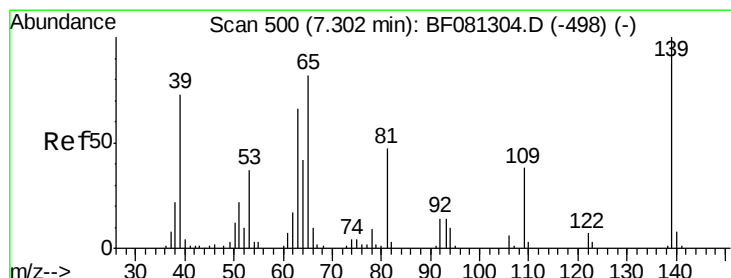
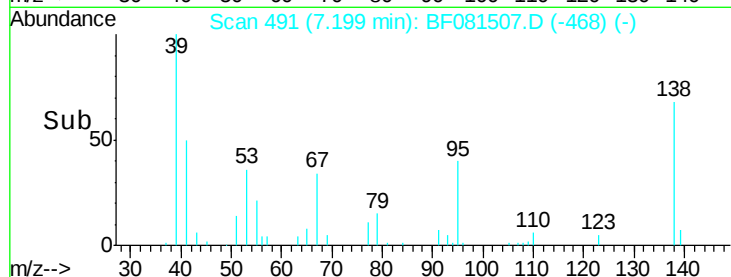
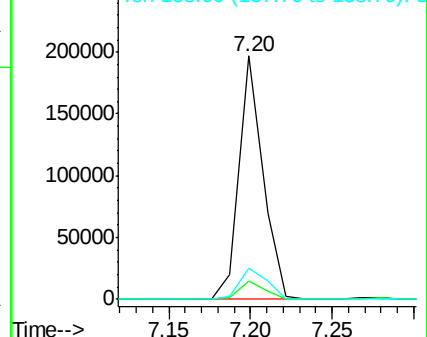
82 100

95 7.6 4.0 6.0#

138 12.9 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 26.71 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

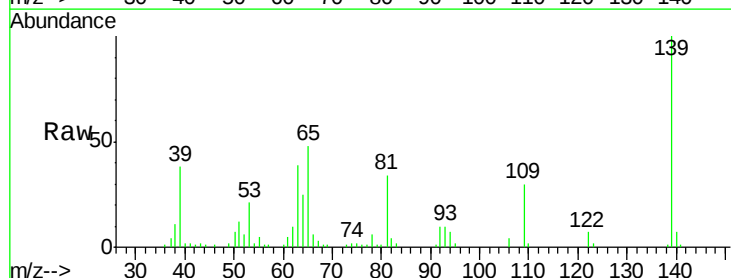
Tgt Ion: 139 Resp: 48327

Ion Ratio Lower Upper

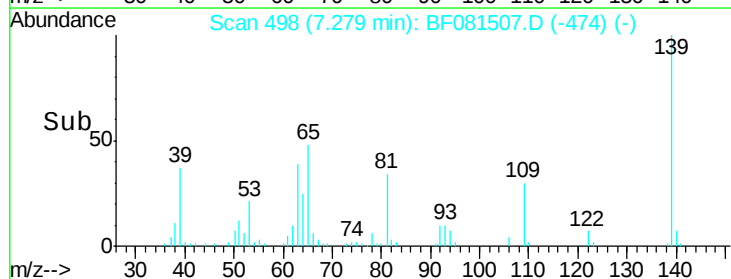
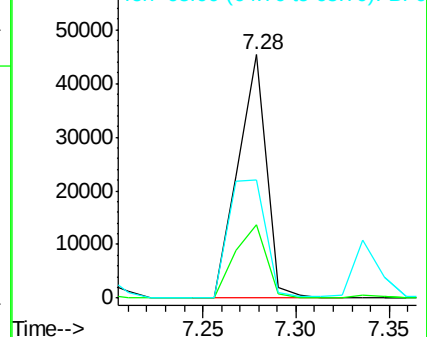
139 100

109 30.1 11.0 16.4#

65 48.3 24.7 37.1#



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





#27

2,4-Dimethylphenol

Concen: 27.65 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.03 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Instrument :

BNA_F

ClientSampleId :

SB003MS

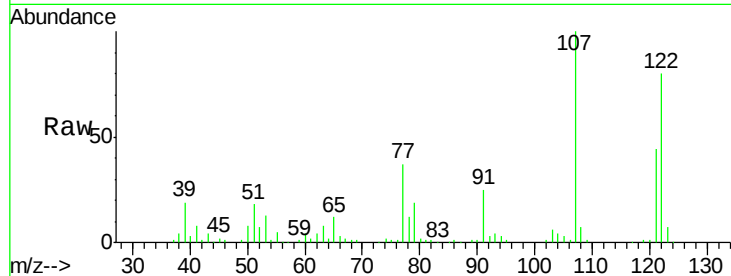
Tot Ion:122 Resp: 86415

Ion Ratio Lower Upper

122 100

107 125.6 71.8 107.6#

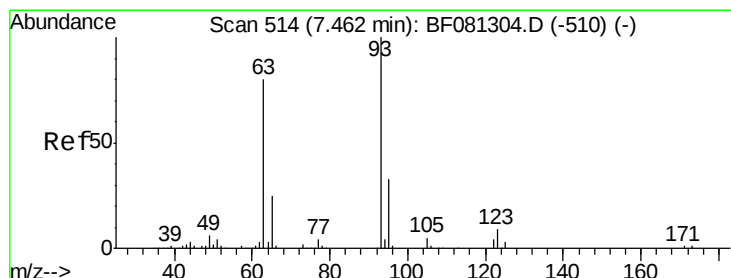
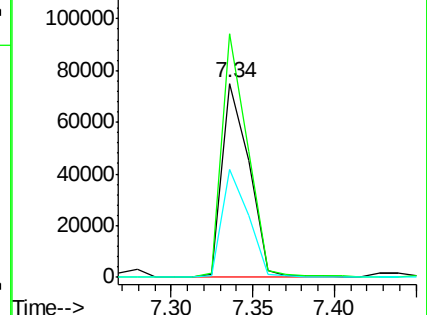
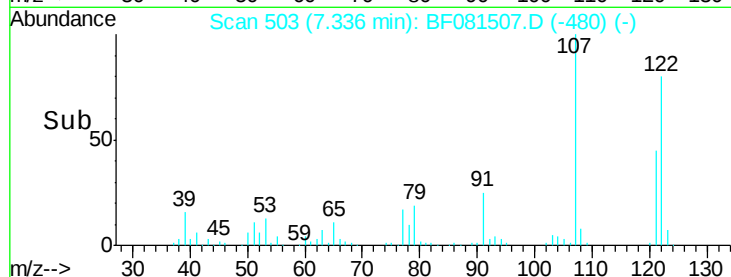
121 55.8 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 28.69 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.03 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

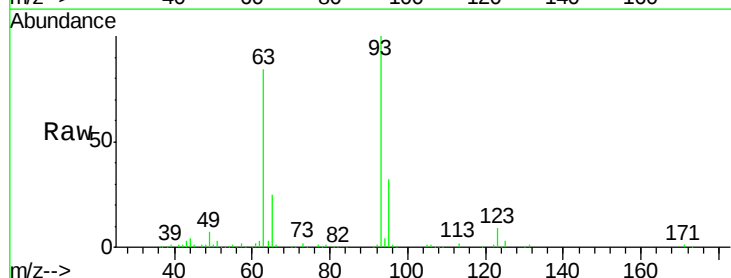
Tgt Ion: 93 Resp: 123251

Ion Ratio Lower Upper

93 100

95 32.1 27.5 41.3

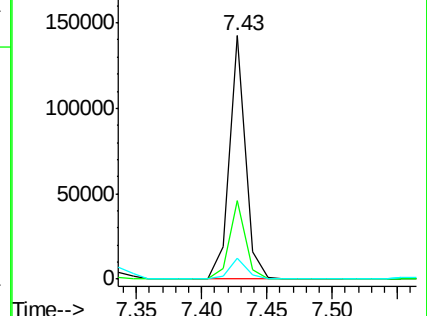
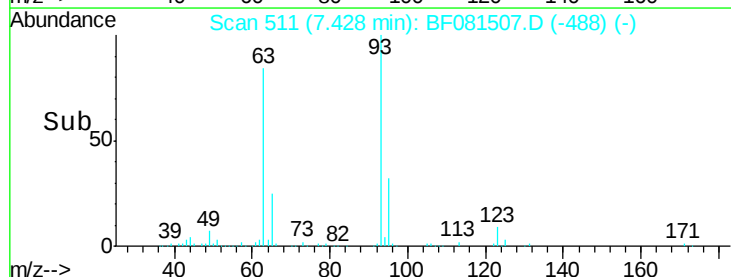
123 8.8 13.7 20.5#

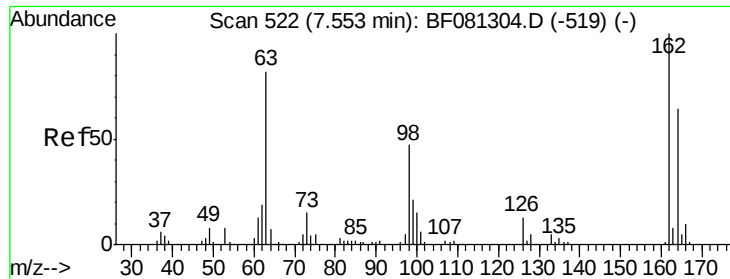


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

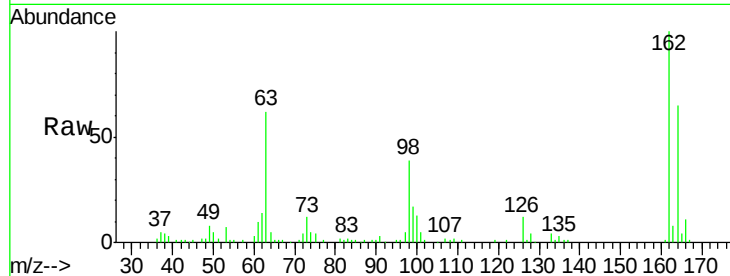




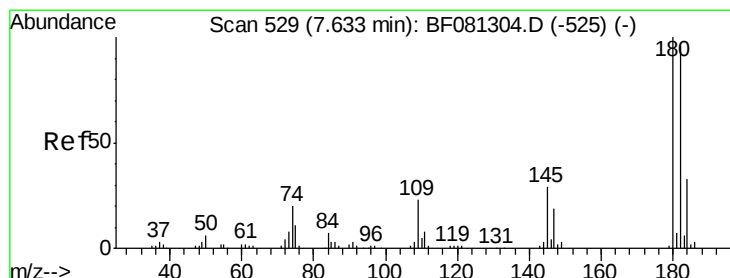
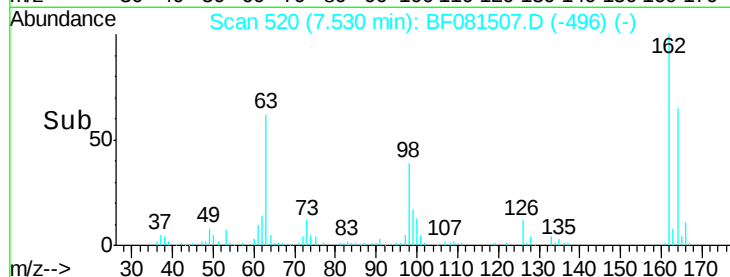
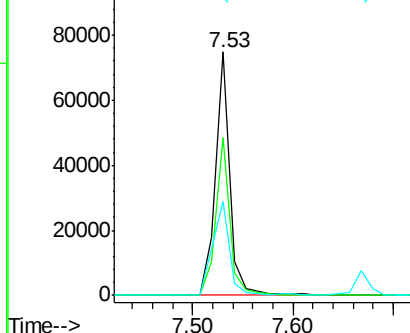
#29
 2,4-Dichlorophenol
 Concen: 27.46 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.02 min
 Lab File: BF081507.D
 Acq: 6 Sep 2015 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SB003MS

Tot Ion:162 Resp: 74423
 Ion Ratio Lower Upper
 162 100
 164 65.1 44.9 84.9
 98 38.7 13.0 53.0

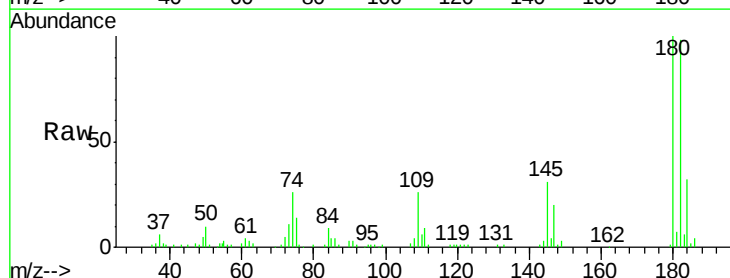


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

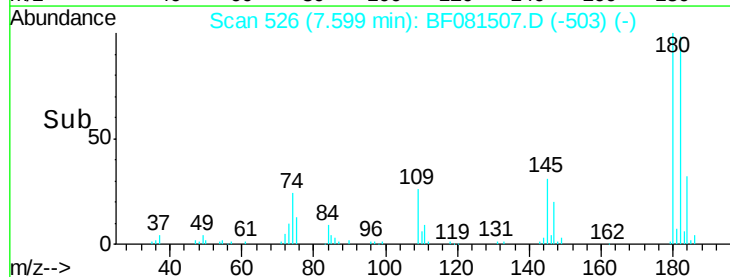
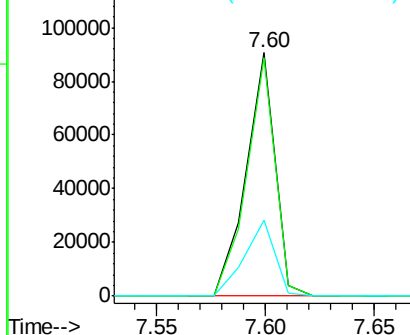


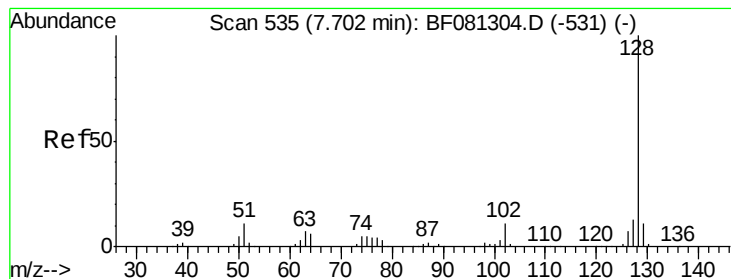
#30
 1,2,4-Trichlorobenzene
 Concen: 28.42 ng
 RT: 7.60 min Scan# 526
 Delta R.T. -0.03 min
 Lab File: BF081507.D
 Acq: 6 Sep 2015 13:46

Tgt Ion:180 Resp: 83680
 Ion Ratio Lower Upper
 180 100
 182 97.8 77.1 115.7
 145 31.0 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: 40.34 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.03 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Instrument :

BNA_F

ClientSampleId :

SB003MS

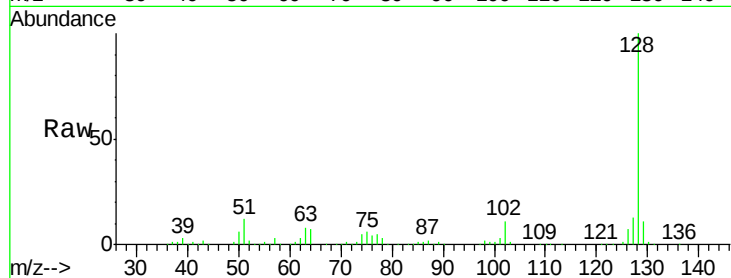
Tot Ion:128 Resp: 414967

Ion Ratio Lower Upper

128 100

129 11.1 8.4 12.6

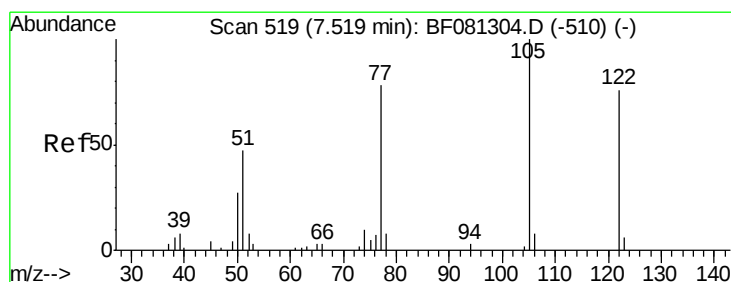
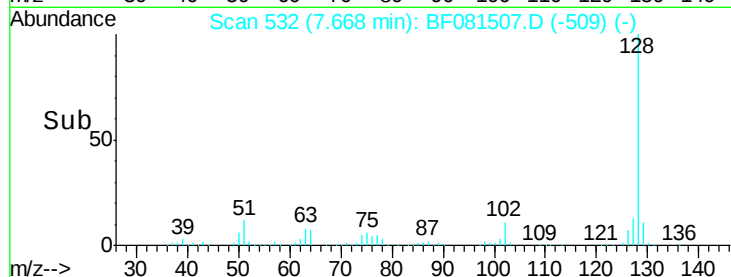
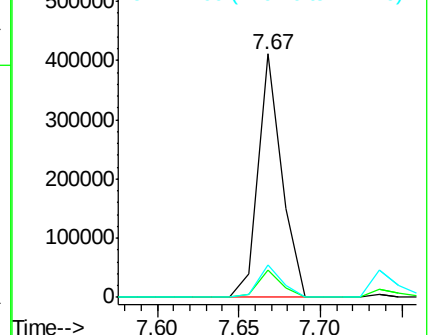
127 13.1 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 4.84 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

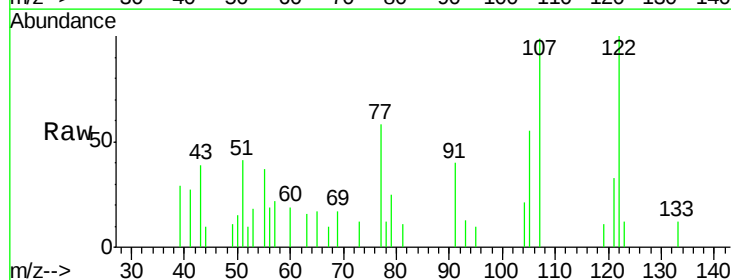
Tgt Ion:122 Resp: 5411

Ion Ratio Lower Upper

122 100

105 54.5 76.1 116.1#

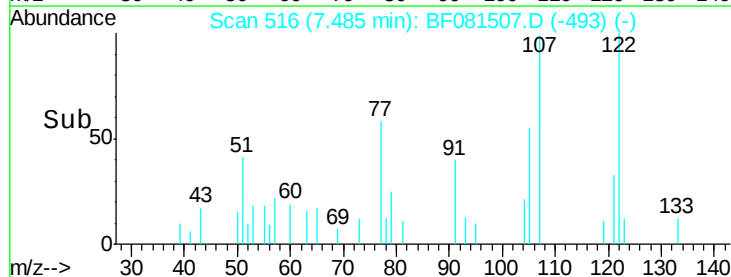
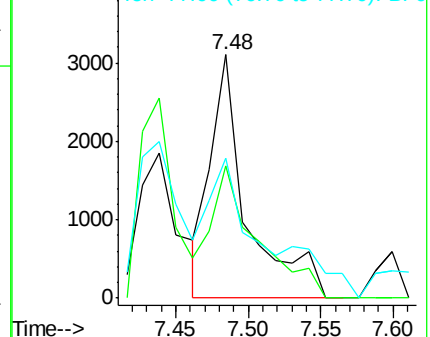
77 57.6 40.5 80.5

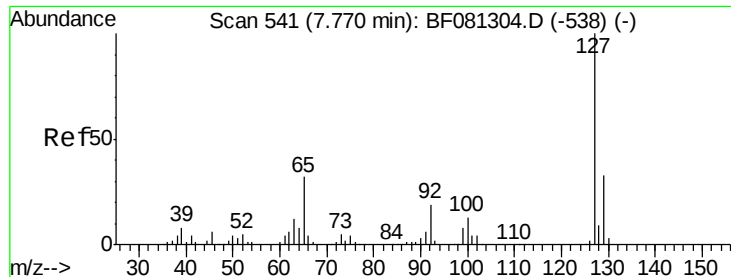


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

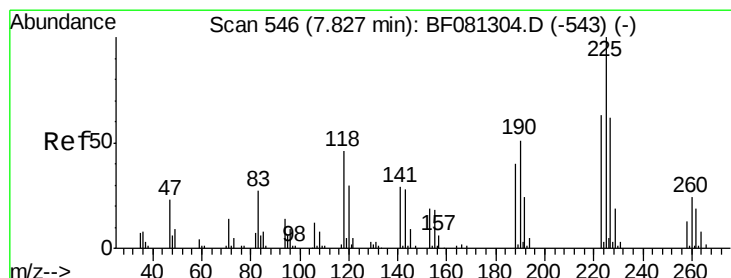
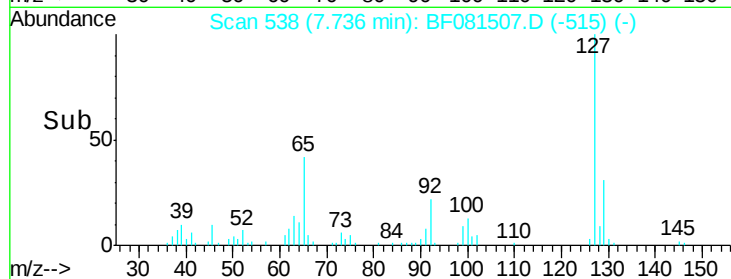
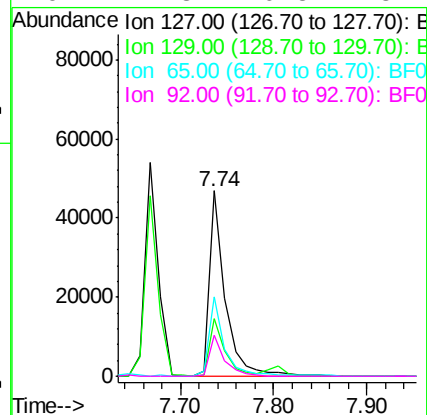
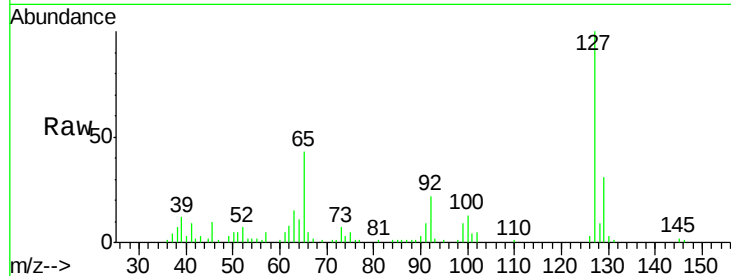




#33
4-Chloroaniline
Concen: 13.39 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.03 min
Lab File: BF081507.D
Acq: 6 Sep 2015 13:46

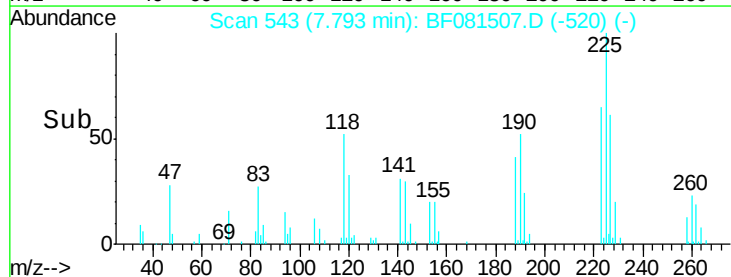
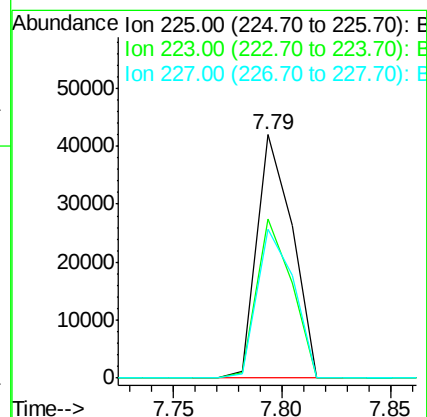
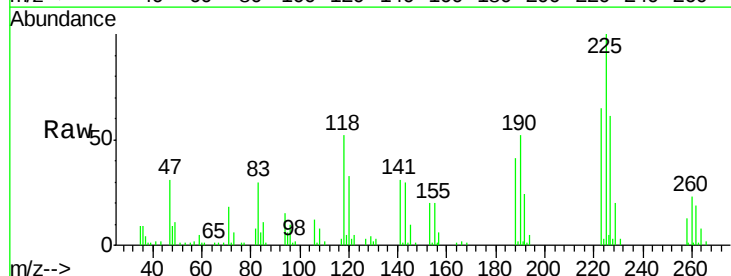
Instrument :
BNA_F
ClientSampleId :
SB003MS

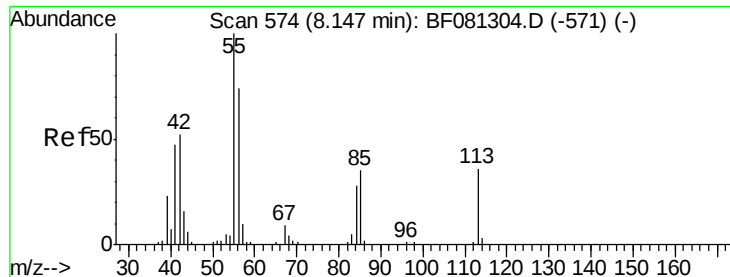
Tot Ion:	127	Resp:	56179
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.8	38.6
65	42.9	17.9	26.9#
92	22.3	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 26.66 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF081507.D
Acq: 6 Sep 2015 13:46

Tgt Ion:	225	Resp:	47766
Ion	Ratio	Lower	Upper
225	100		
223	65.4	50.2	75.2
227	61.1	52.2	78.2

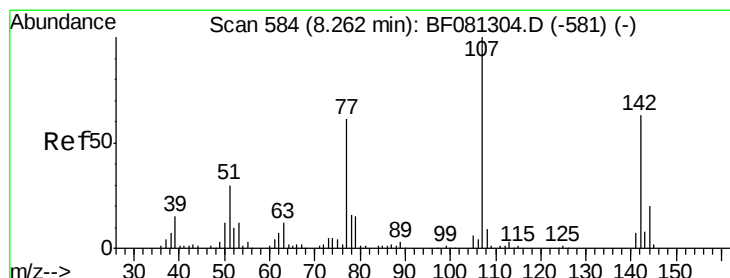
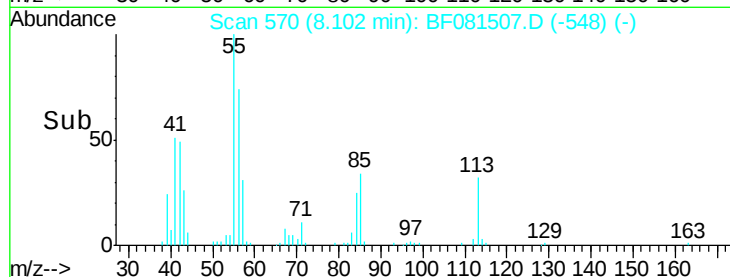
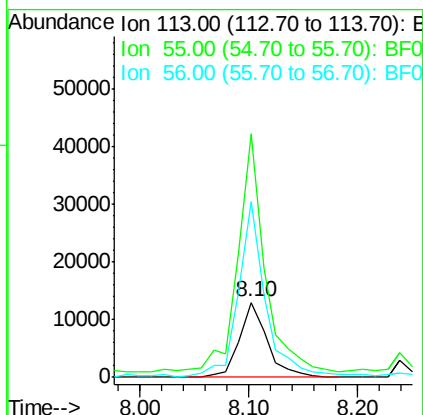
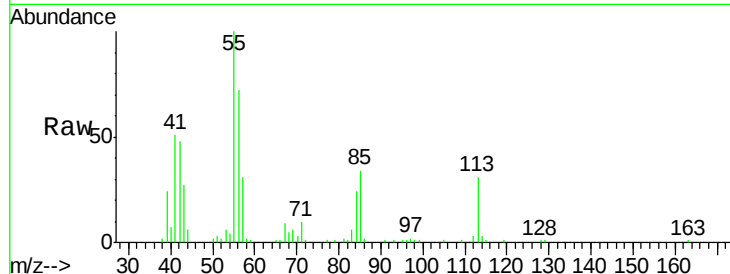




#35
 Caprolactam
 Concen: 27.98 ng
 RT: 8.10 min Scan# 570
 Delta R.T. -0.05 min
 Lab File: BF081507.D
 Acq: 6 Sep 2015 13:46

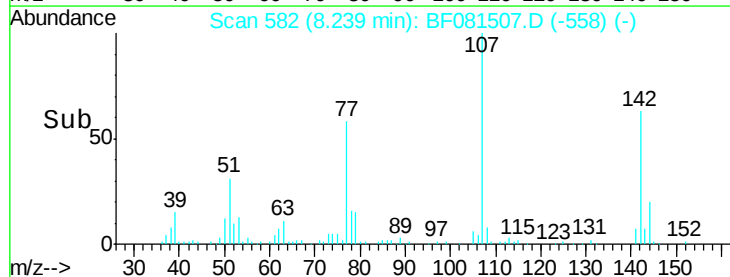
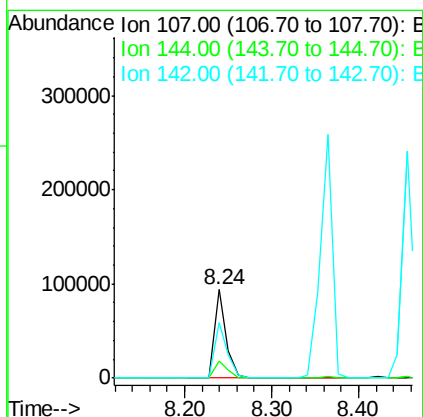
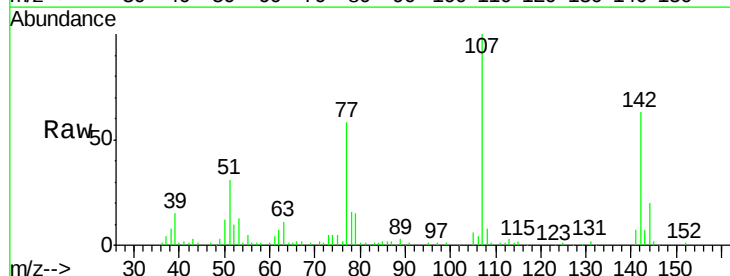
Instrument :
 BNA_F
 ClientSampleId :
 SB003MS

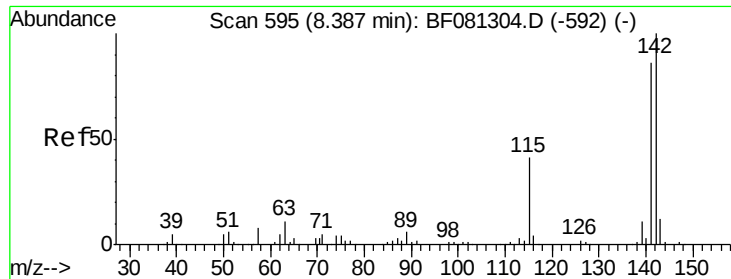
Tot Ion:113 Resp: 23257
 Ion Ratio Lower Upper
 113 100
 55 324.4 152.4 192.4#
 56 234.4 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 29.79 ng
 RT: 8.24 min Scan# 582
 Delta R.T. -0.02 min
 Lab File: BF081507.D
 Acq: 6 Sep 2015 13:46

Tgt Ion:107 Resp: 90375
 Ion Ratio Lower Upper
 107 100
 144 19.5 25.4 38.0#
 142 62.8 77.3 115.9#

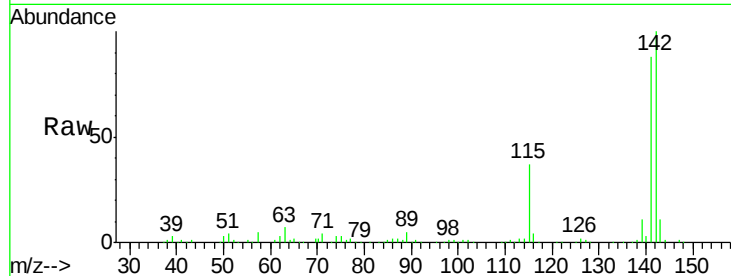




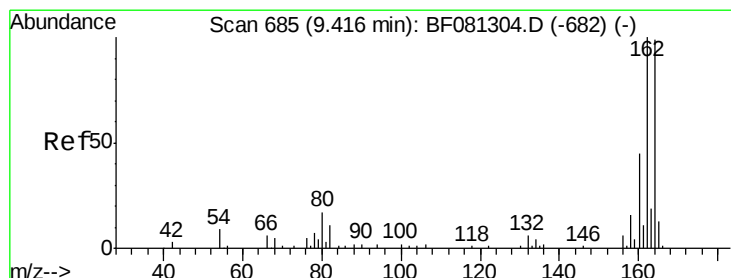
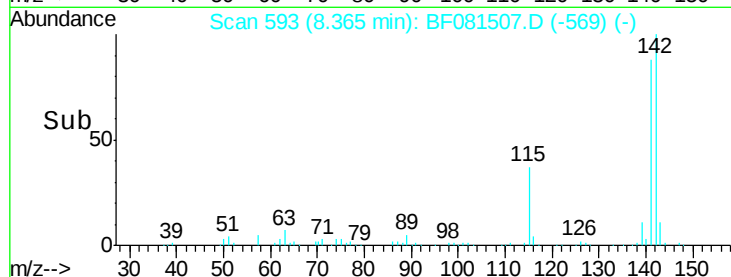
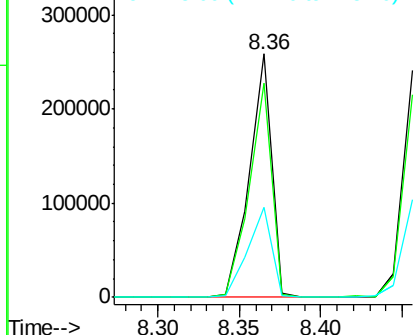
#37
 2-Methylnaphthalene
 Concen: 36.77 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF081507.D
 Acq: 6 Sep 2015 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SB003MS

Tot Ion:142 Resp: 246116
 Ion Ratio Lower Upper
 142 100
 141 88.1 67.5 101.3
 115 37.0 18.2 27.2#

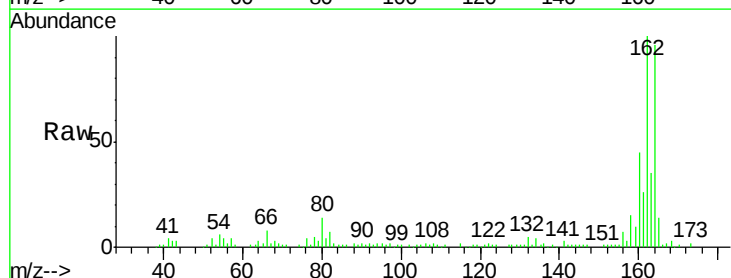


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

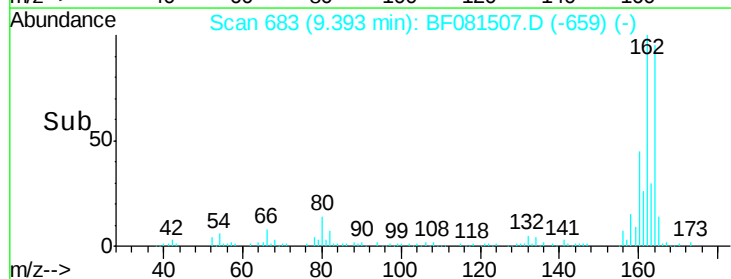
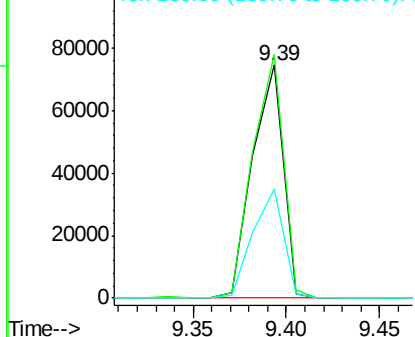


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.02 min
 Lab File: BF081507.D
 Acq: 6 Sep 2015 13:46

Tgt Ion:164 Resp: 84592
 Ion Ratio Lower Upper
 164 100
 162 104.5 75.2 112.8
 160 47.2 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 26.75 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Instrument :

BNA_F

ClientSampleId :

SB003MS

Tot Ion:216 Resp: 71552

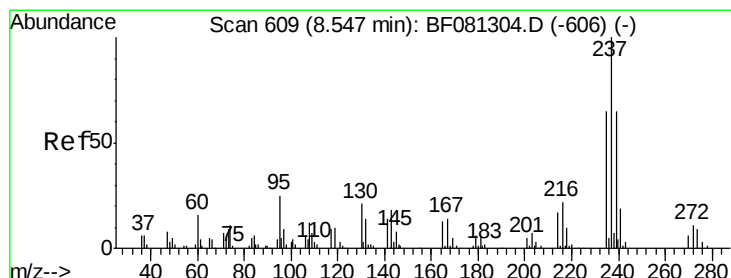
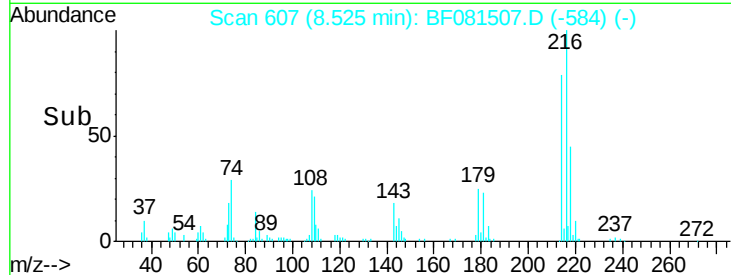
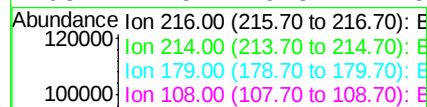
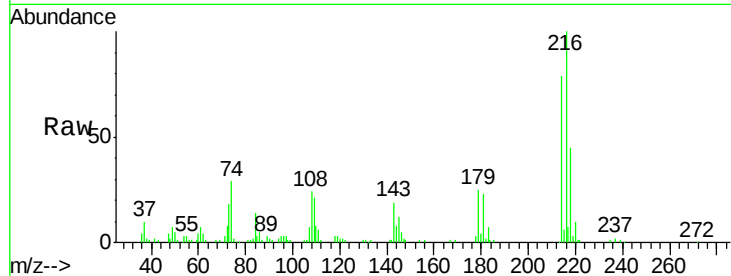
Ion Ratio Lower Upper

216 100

214 78.2 63.5 95.3

179 23.3 16.6 24.8

108 21.5 16.3 24.5



#40

Hexachlorocyclopentadiene

Concen: 5.46 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

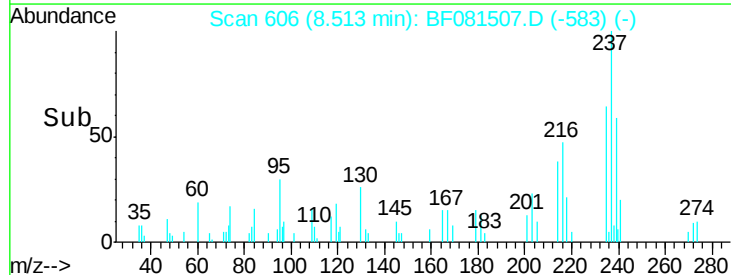
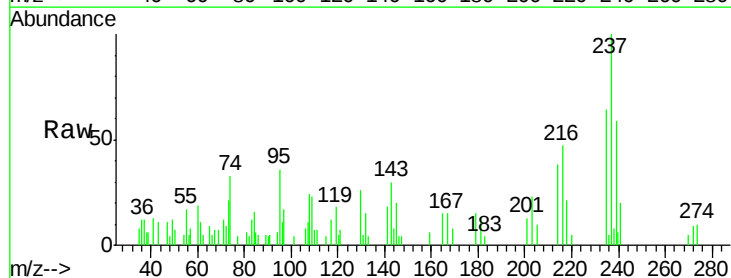
Tgt Ion:237 Resp: 7173

Ion Ratio Lower Upper

237 100

235 64.0 42.0 82.0

272 9.4 0.0 36.1

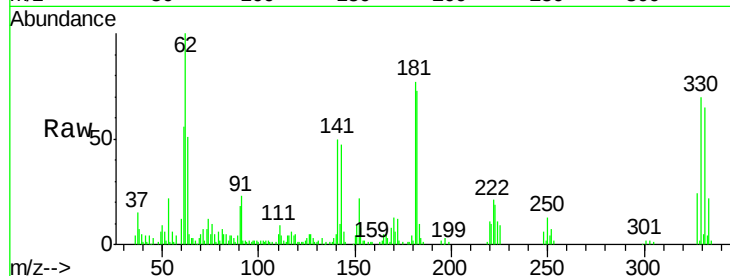




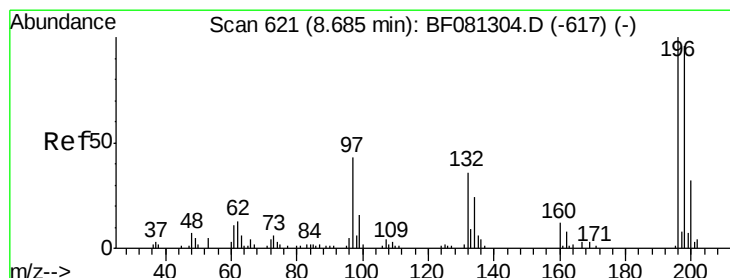
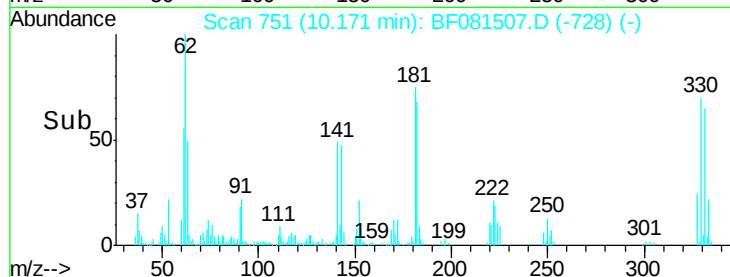
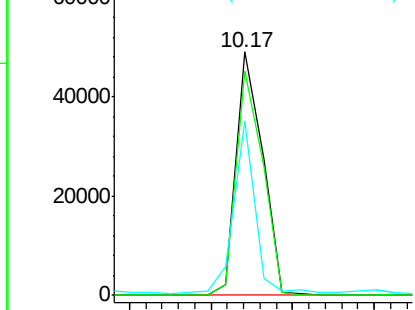
#41
 2,4,6-Tribromophenol
 Concen: 72.44 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF081507.D
 Acq: 6 Sep 2015 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SB003MS

Tot Ion:330 Resp: 54564
 Ion Ratio Lower Upper
 330 100
 332 92.8 76.6 114.8
 141 57.8 29.7 44.5#

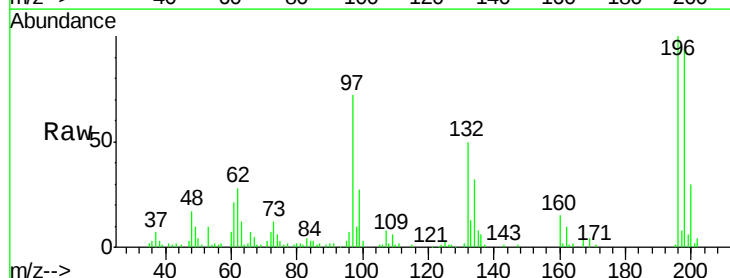


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

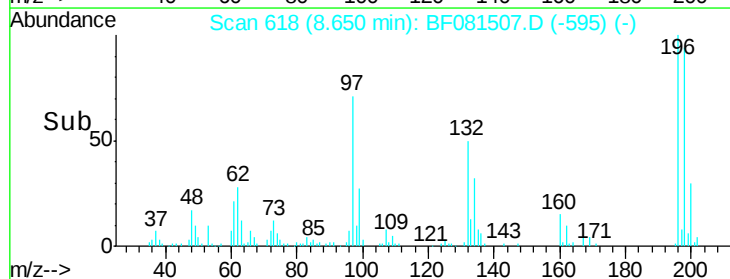
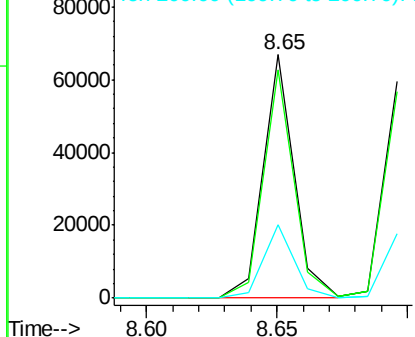


#42
 2,4,6-Trichlorophenol
 Concen: 30.07 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF081507.D
 Acq: 6 Sep 2015 13:46

Tgt Ion:196 Resp: 55520
 Ion Ratio Lower Upper
 196 100
 198 93.6 75.7 113.5
 200 30.0 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

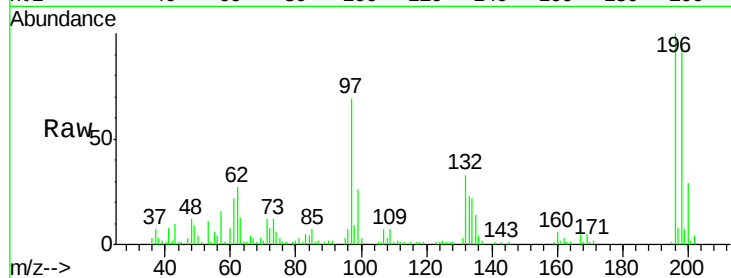




#43
 2,4,5-Trichlorophenol
 Concen: 29.39 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF081507.D
 Acq: 6 Sep 2015 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SB003MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.4	113.0
97	69.3	33.3	49.9
132	33.3	24.6	37.0



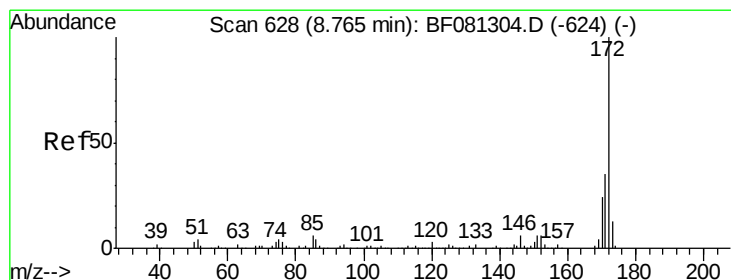
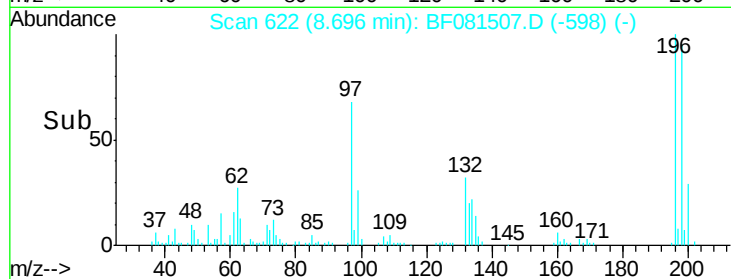
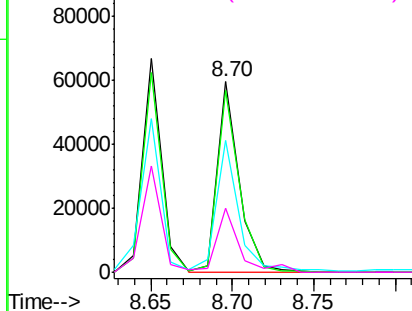
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

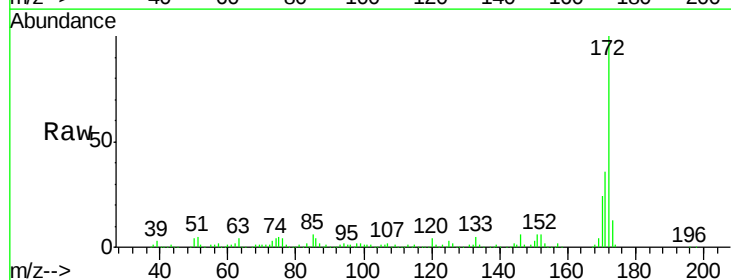
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 51.01 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF081507.D
 Acq: 6 Sep 2015 13:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.1	39.1
170	24.1	17.4	26.2

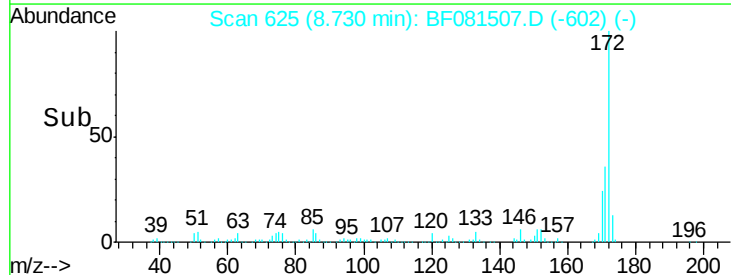
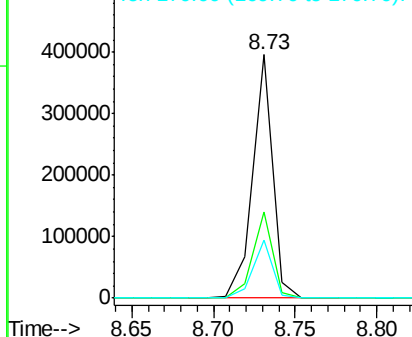


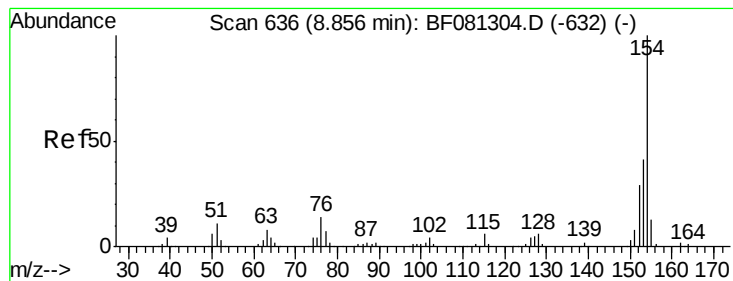
Abundance

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: 26.82 ng

RT: 8.82 min Scan# 633

Delta R.T. -0.03 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Instrument :

BNA_F

ClientSampleId :

SB003MS

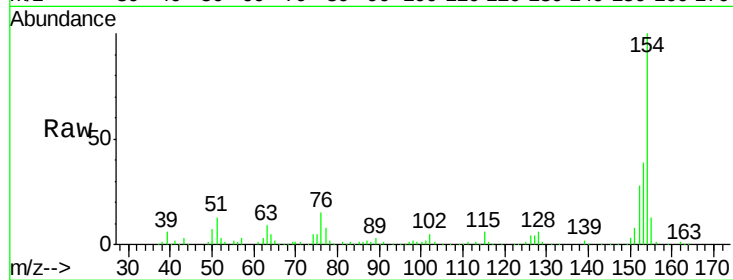
Tot Ion:154 Resp: 208747

Ion Ratio Lower Upper

154 100

153 39.4 17.1 57.1

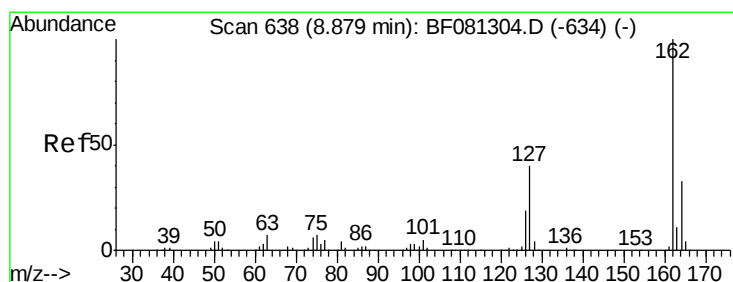
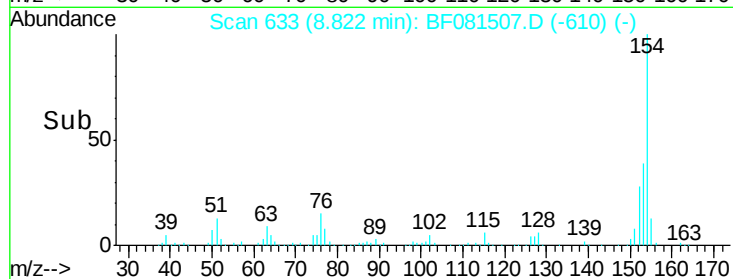
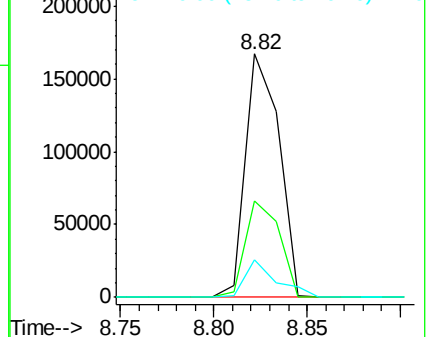
76 15.2 0.0 31.6



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: 30.47 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.03 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

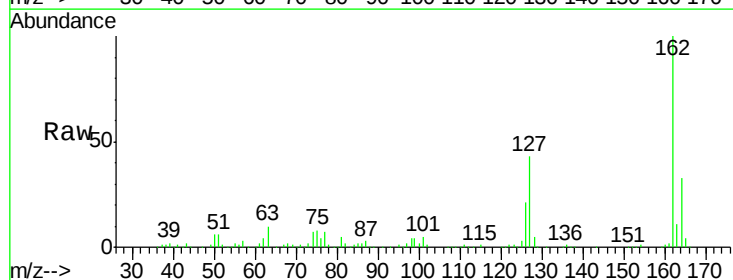
Tgt Ion:162 Resp: 171229

Ion Ratio Lower Upper

162 100

127 43.0 27.6 41.4#

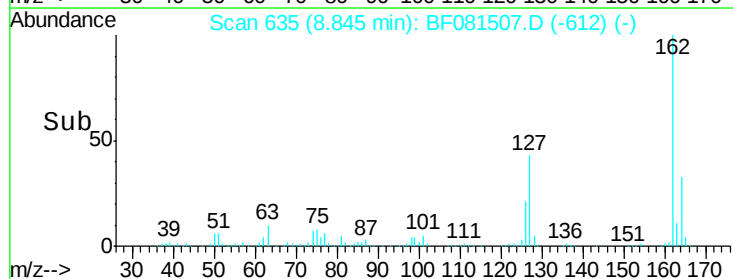
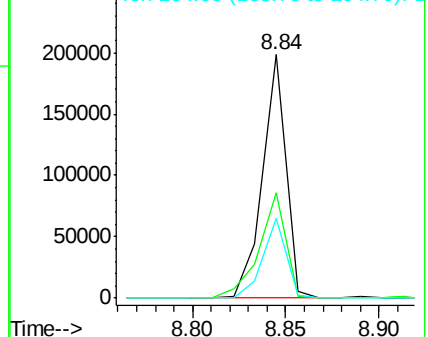
164 33.0 25.4 38.2

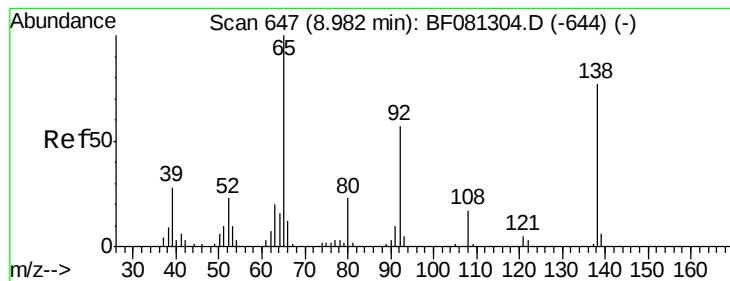


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

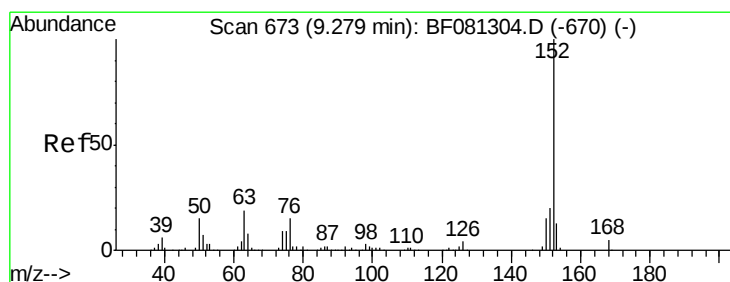
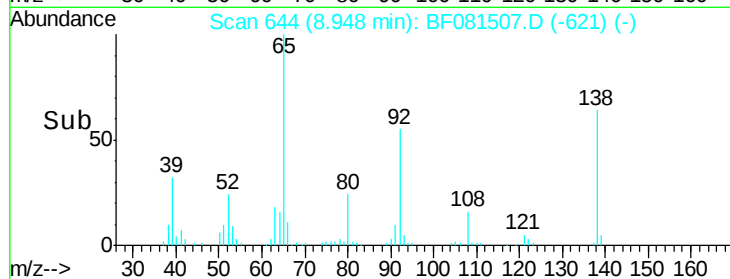
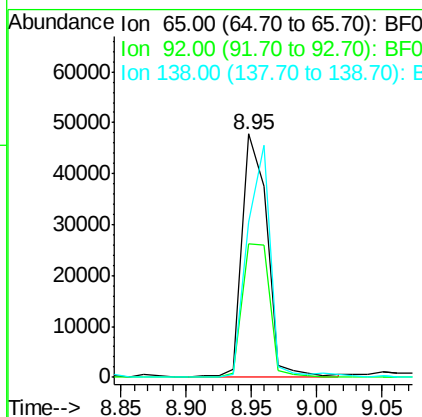
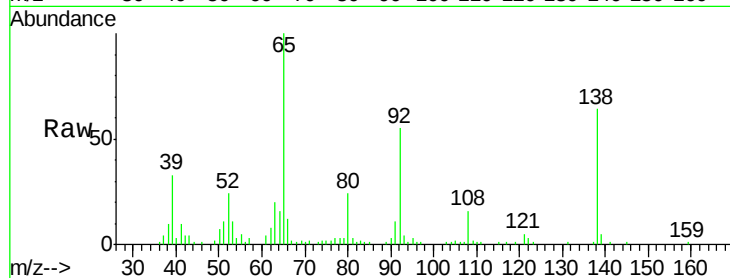




#47
 2-Nitroaniline
 Concen: 27.97 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF081507.D
 Acq: 6 Sep 2015 13:46

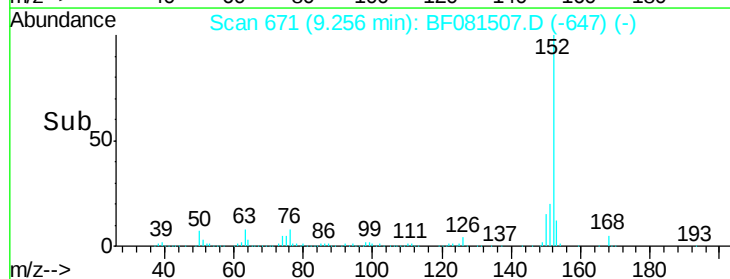
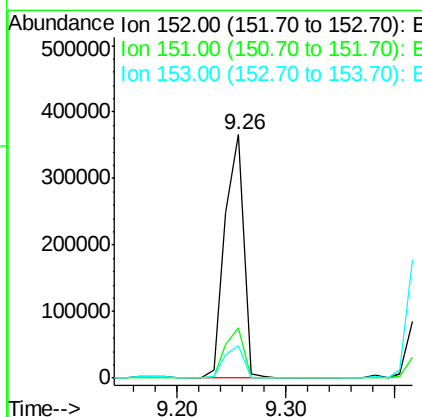
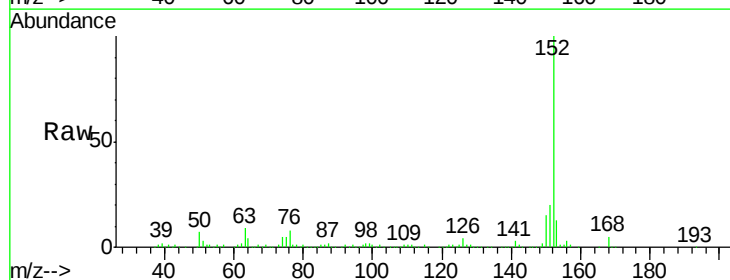
Instrument :
 BNA_F
 ClientSampleId :
 SB003MS

Tot Ion: 65 Resp: 64066
 Ion Ratio Lower Upper
 65 100
 92 54.9 55.4 83.0#
 138 63.8 115.5 173.3#



#48
 Acenaphthylene
 Concen: 43.93 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF081507.D
 Acq: 6 Sep 2015 13:46

Tgt Ion: 152 Resp: 437982
 Ion Ratio Lower Upper
 152 100
 151 20.4 14.6 22.0
 153 13.2 10.3 15.5

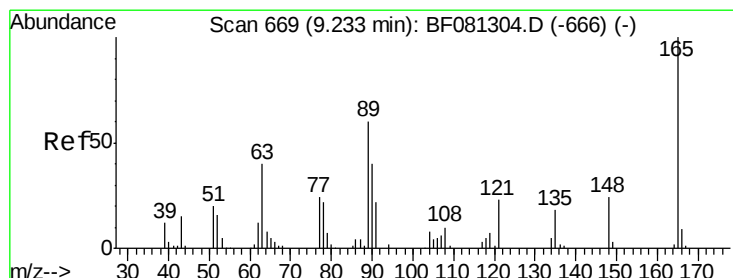
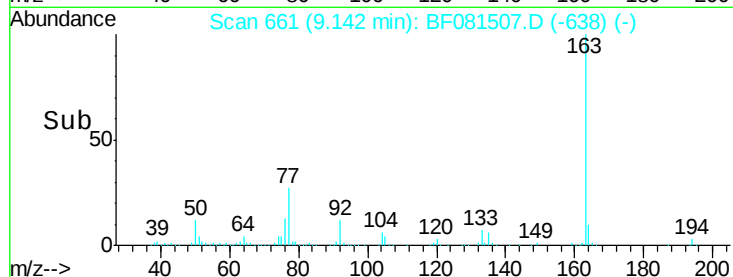
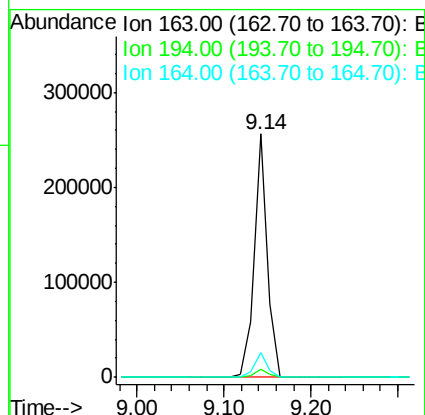
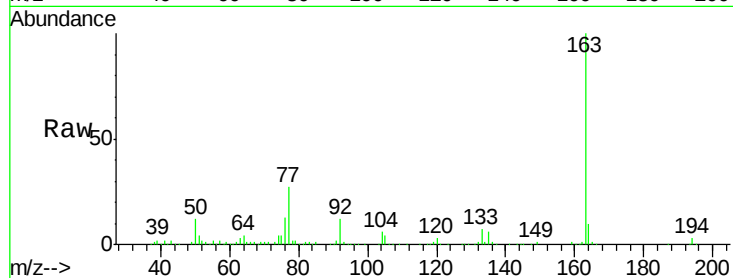




#49
Dimethylphthalate
Concen: 41.59 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF081507.D
Acq: 6 Sep 2015 13:46

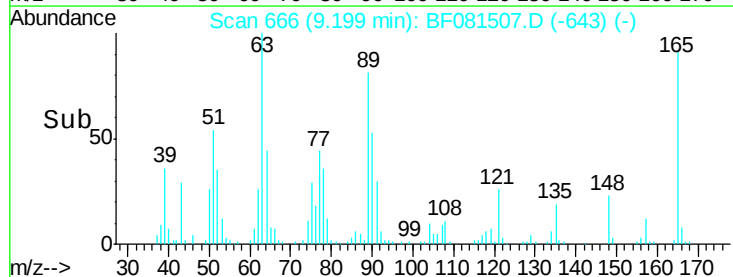
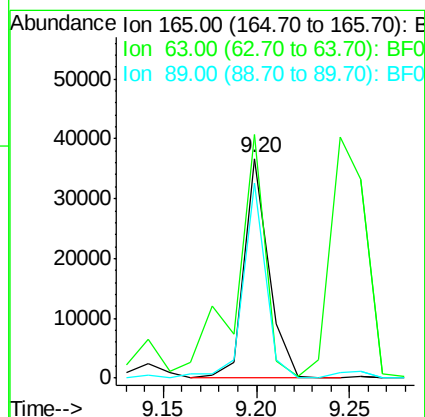
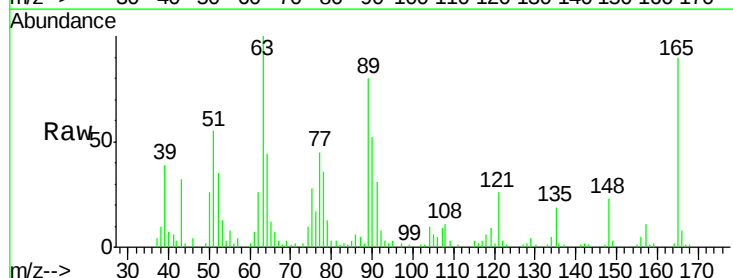
Instrument :
BNA_F
ClientSampleId :
SB003MS

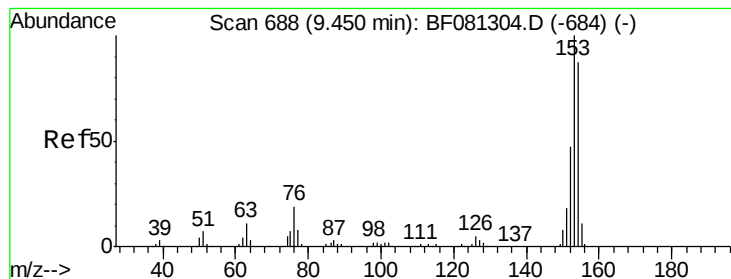
Tot Ion:163 Resp: 273337
Ion Ratio Lower Upper
163 100
194 3.1 4.4 6.6#
164 10.1 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 22.62 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF081507.D
Acq: 6 Sep 2015 13:46

Tgt Ion:165 Resp: 33743
Ion Ratio Lower Upper
165 100
63 110.9 32.3 48.5#
89 88.6 28.6 43.0#





#51

Acenaphthene

Concen: 49.03 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Instrument :

BNA_F

ClientSampleId :

SB003MS

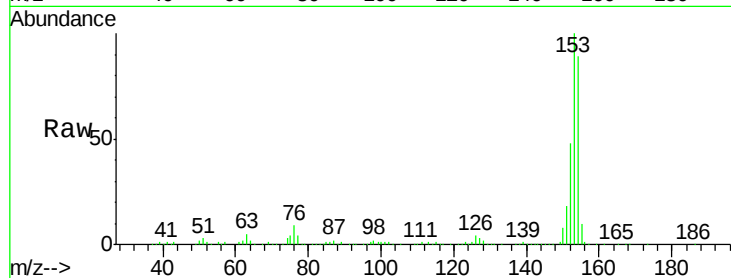
Tot Ion:154 Resp: 278080

Ion Ratio Lower Upper

154 100

153 112.7 82.1 123.1

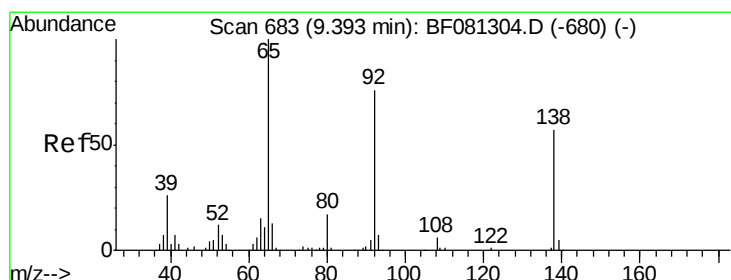
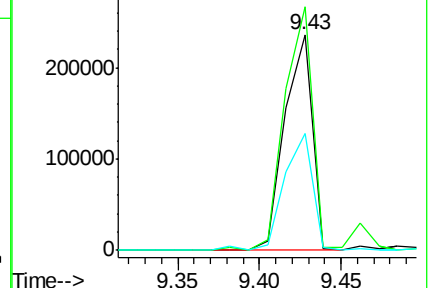
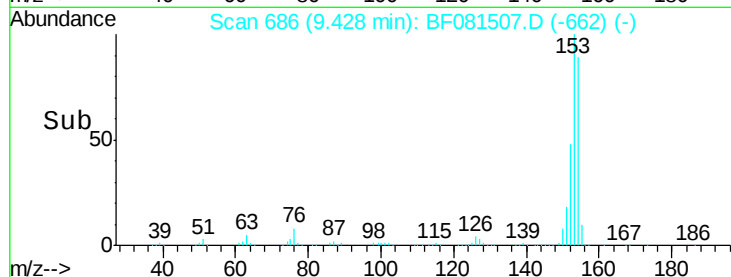
152 54.1 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.70 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

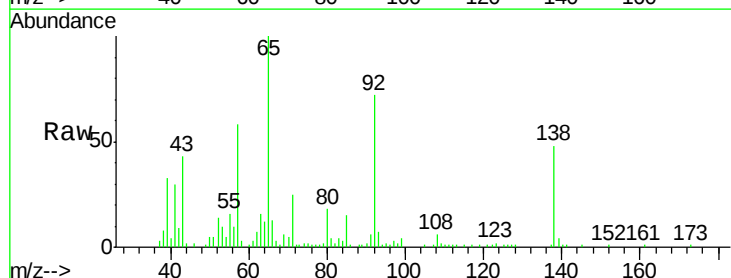
Tgt Ion:138 Resp: 31750

Ion Ratio Lower Upper

138 100

108 12.9 5.7 8.5#

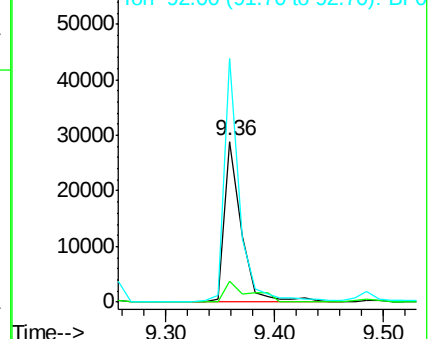
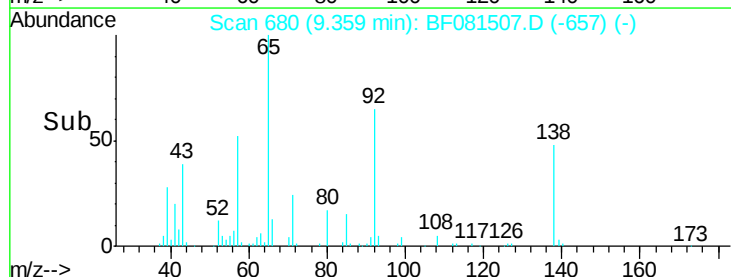
92 151.4 67.7 101.5#

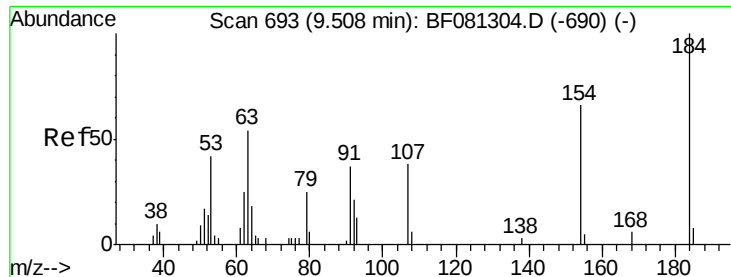


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

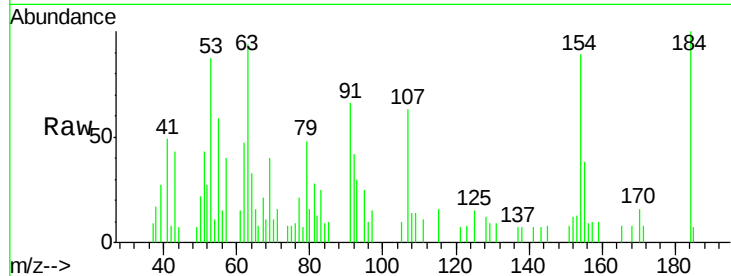




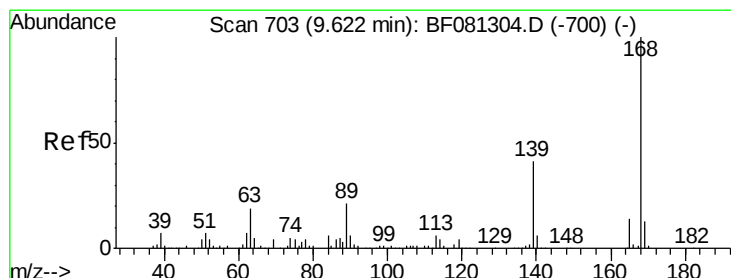
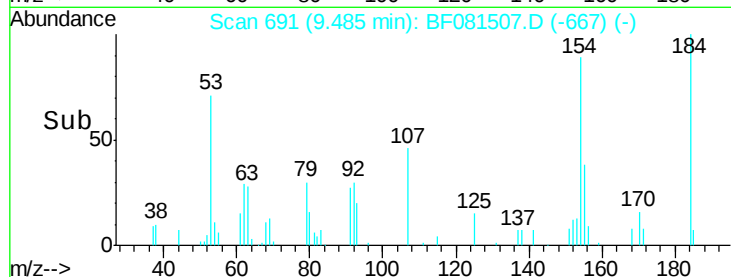
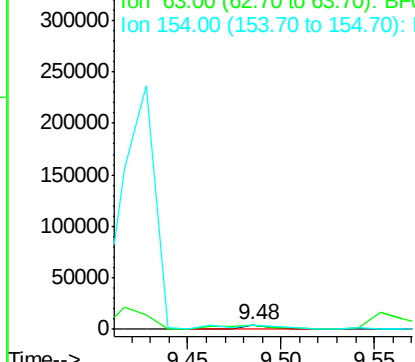
#53
 2,4-Dinitrophenol
 Concen: 8.33 ng
 RT: 9.48 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF081507.D
 Acq: 6 Sep 2015 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SB003MS

Tot Ion:184 Resp: 5235
 Ion Ratio Lower Upper
 184 100
 63 93.8 35.4 53.2#
 154 88.7 32.2 48.4#

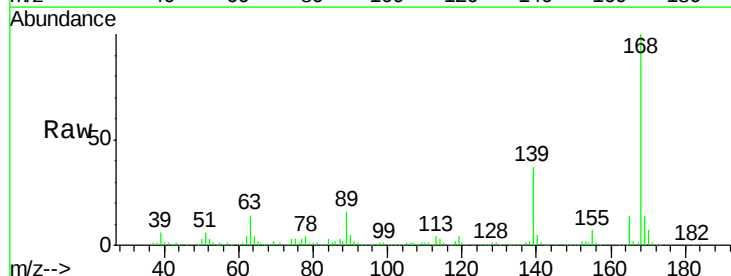


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

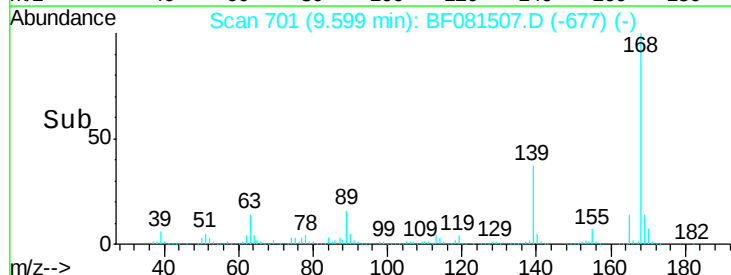
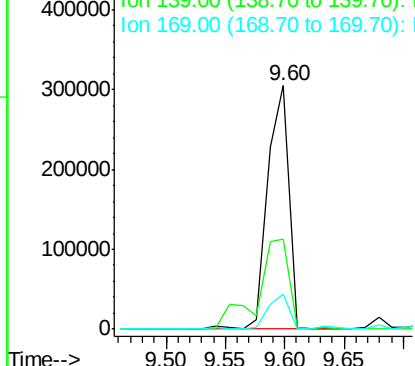


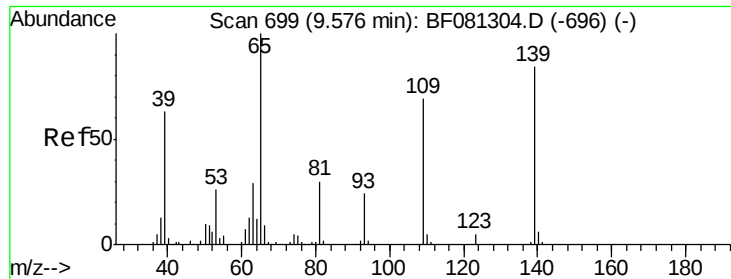
#54
 Dibenzofuran
 Concen: 45.91 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.02 min
 Lab File: BF081507.D
 Acq: 6 Sep 2015 13:46

Tgt Ion:168 Resp: 380248
 Ion Ratio Lower Upper
 168 100
 139 37.0 24.2 36.2#
 169 14.2 10.6 15.8



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





#55

4-Nitrophenol

Concen: 197.63 ng

RT: 9.60 min Scan# 701

Delta R.T. 0.02 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Instrument :

BNA_F

ClientSampleId :

SB003MS

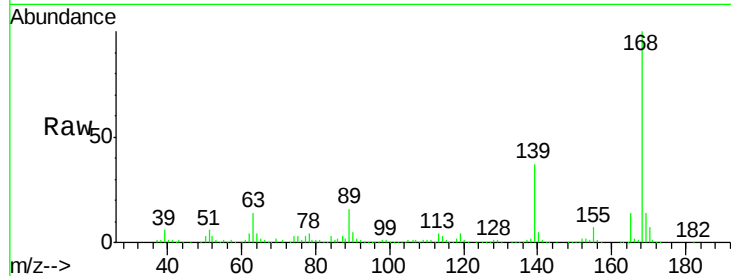
Tot Ion:139 Resp: 210850

Ion Ratio Lower Upper

139 100

109 2.6 12.7 52.7#

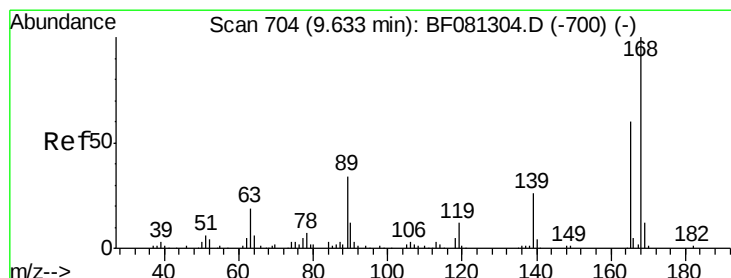
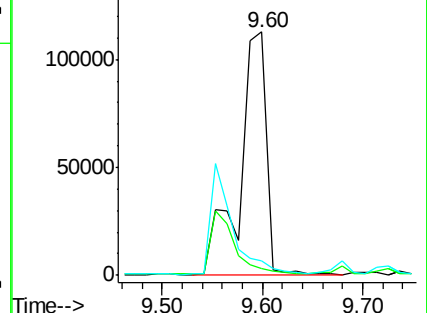
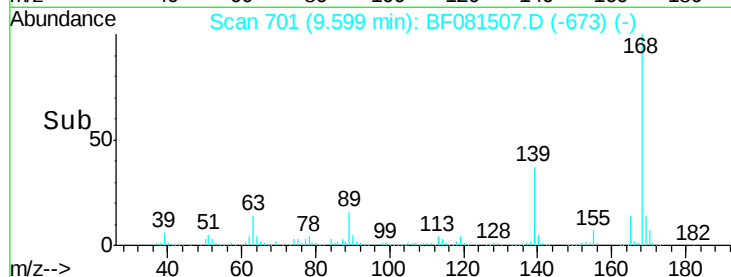
65 6.1 45.9 85.9#



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: 26.44 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Tgt Ion:165 Resp: 50224

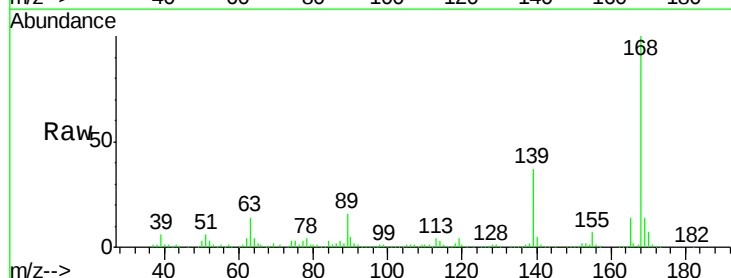
Ion Ratio Lower Upper

165 100

63 100.3 29.8 44.6#

89 111.5 44.5 66.7#

182 2.2 3.0 4.4#

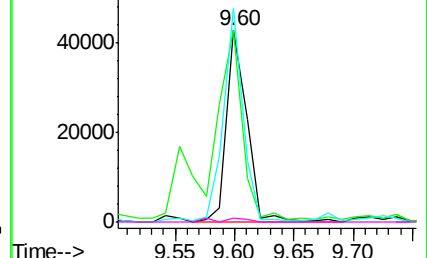
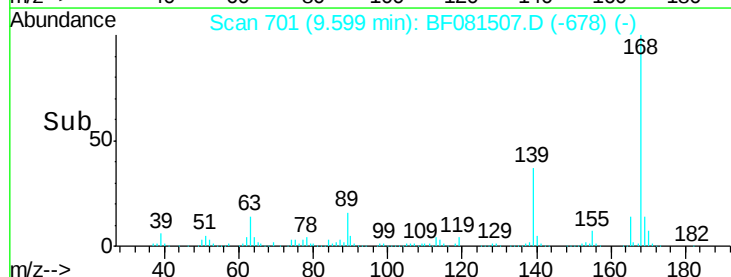


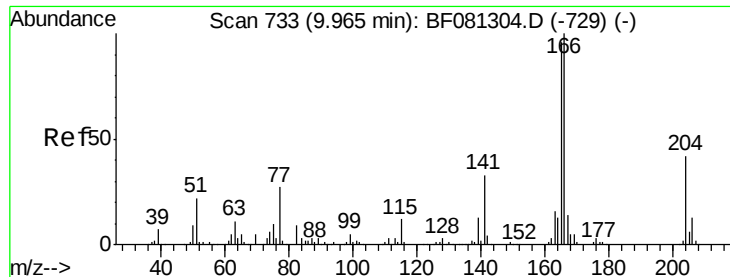
Abundance Ion 165.00 (164.70 to 165.70): E

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: 48.67 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.03 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Instrument :

BNA_F

ClientSampleId :

SB003MS

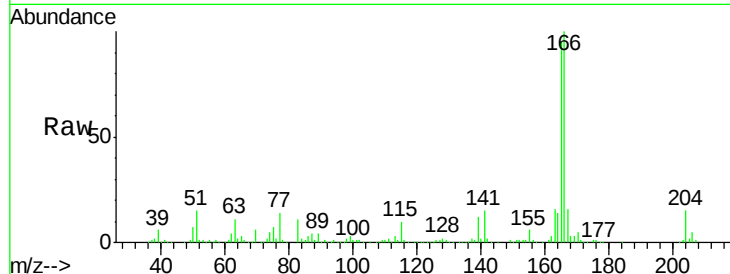
Tot Ion:166 Resp: 305895

Ion Ratio Lower Upper

166 100

165 94.7 72.6 109.0

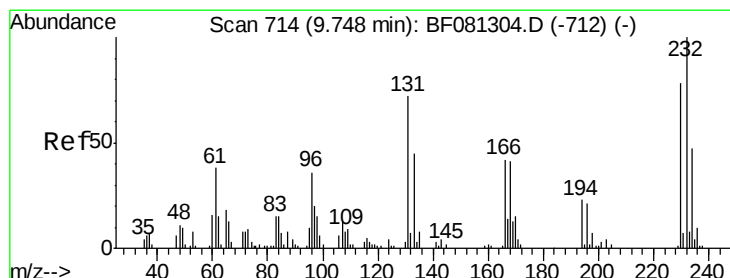
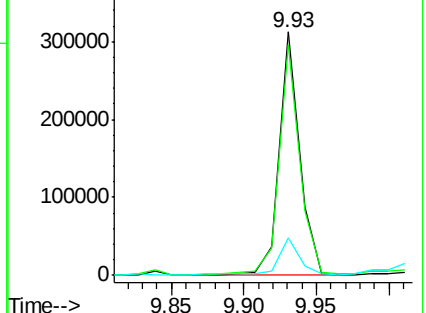
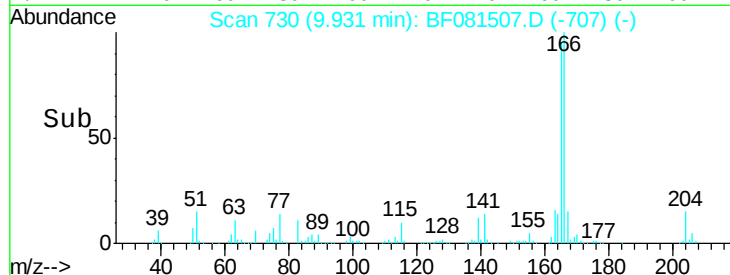
167 15.5 10.6 16.0



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: 28.41 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Tgt Ion:232 Resp: 40861

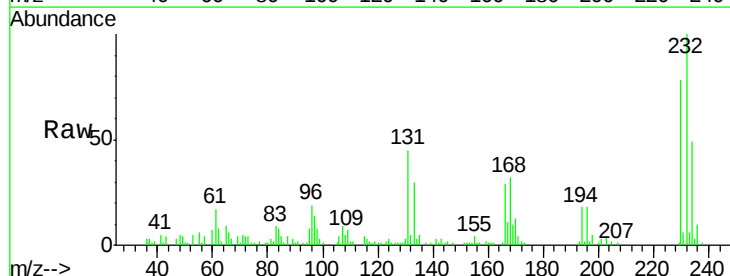
Ion Ratio Lower Upper

232 100

131 58.3 38.5 57.7#

130 4.5 1.8 2.6#

166 33.3 25.0 37.6

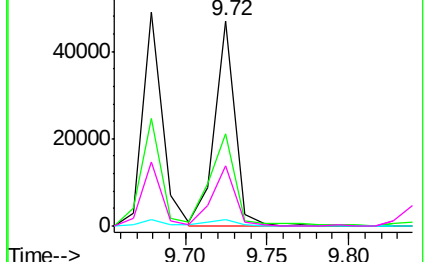
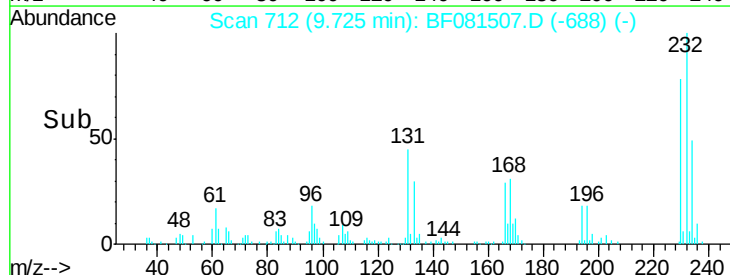


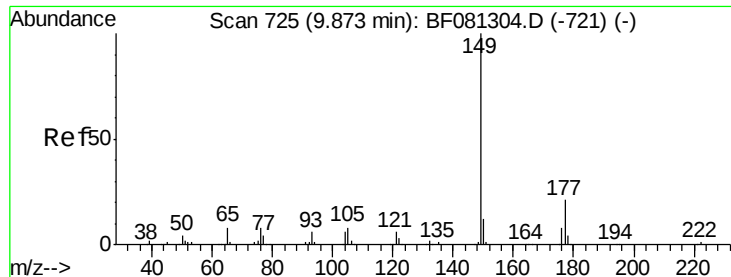
Abundance Ion 232.00 (231.70 to 232.70): E

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

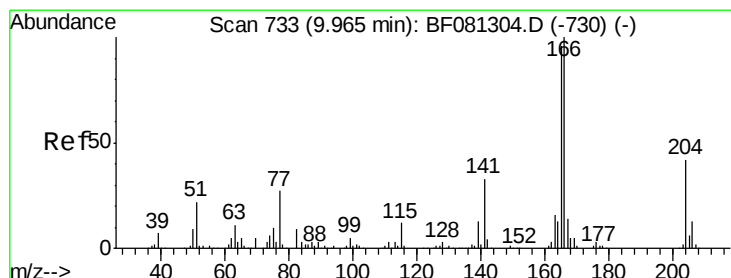
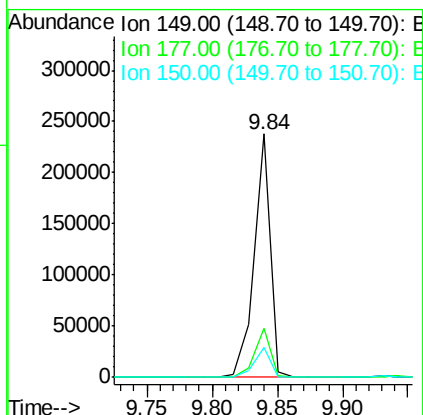
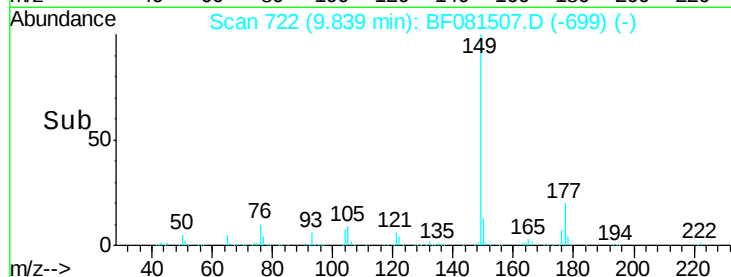
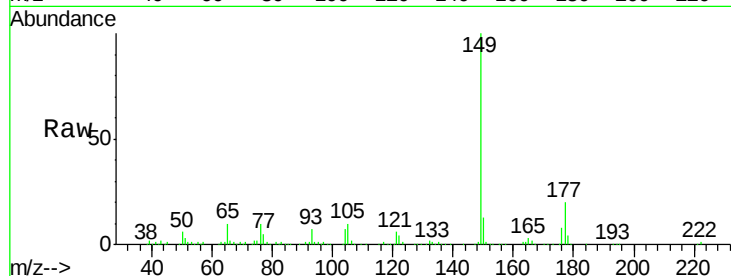




#59
Diethylphthalate
Concen: 29.64 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF081507.D
Acq: 6 Sep 2015 13:46

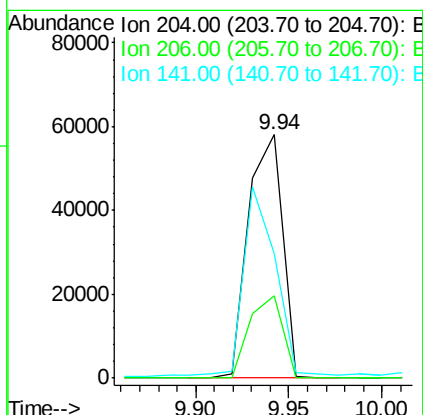
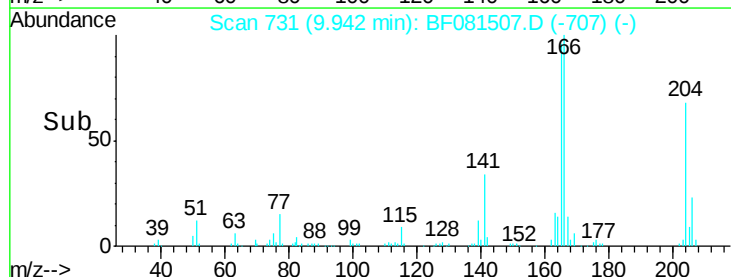
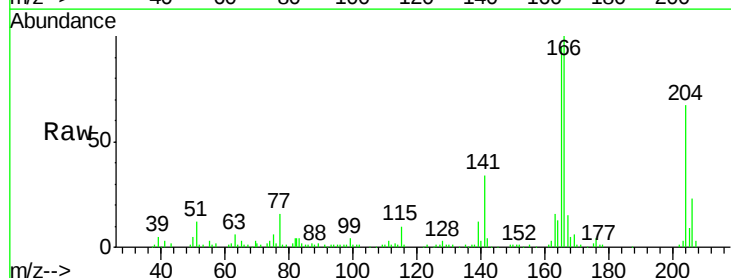
Instrument :
BNA_F
ClientSampleId :
SB003MS

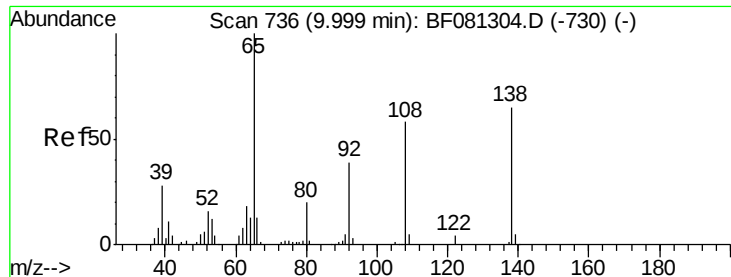
Tot Ion:149 Resp: 204936
Ion Ratio Lower Upper
149 100
177 20.0 17.5 26.3
150 12.5 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 25.07 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF081507.D
Acq: 6 Sep 2015 13:46

Tgt Ion:204 Resp: 73450
Ion Ratio Lower Upper
204 100
206 34.0 24.8 37.2
141 51.2 42.2 63.4





#61

4-Nitroaniline

Concen: 21.81 ng

RT: 9.96 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Instrument :

BNA_F

ClientSampleId :

SB003MS

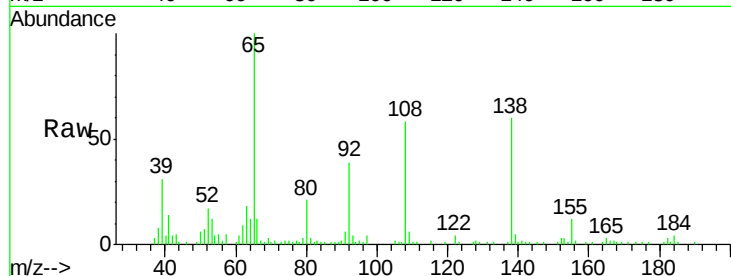
Tot Ion:138 Resp: 37417

Ion Ratio Lower Upper

138 100

92 64.8 12.6 52.6#

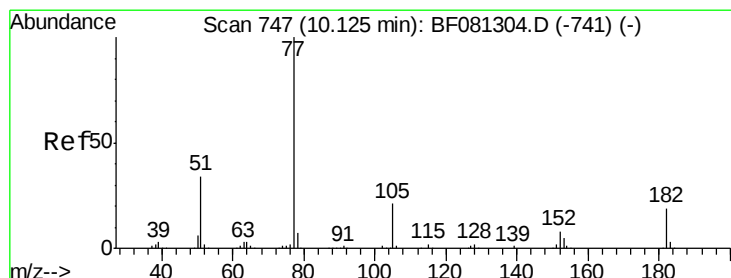
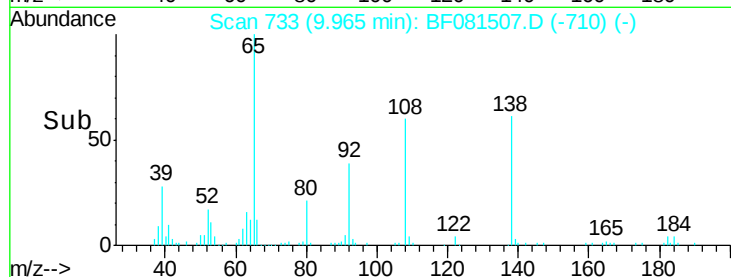
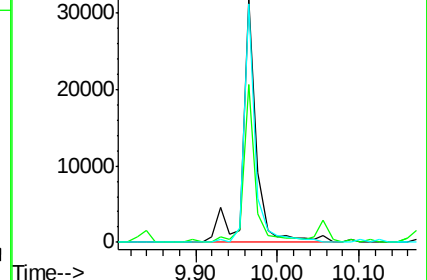
108 97.9 12.4 52.4#



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: 28.08 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Tgt Ion: 77 Resp: 215864

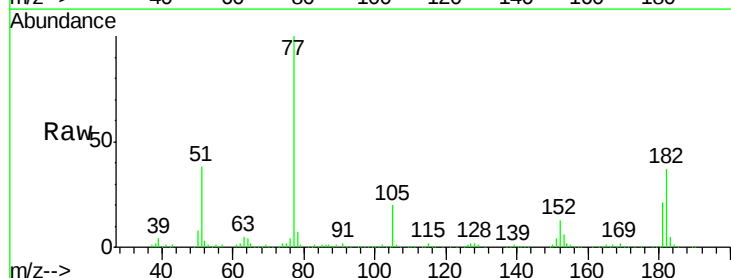
Ion Ratio Lower Upper

77 100

182 37.1 15.1 55.1

105 19.9 3.4 43.4

51 38.0 12.0 52.0

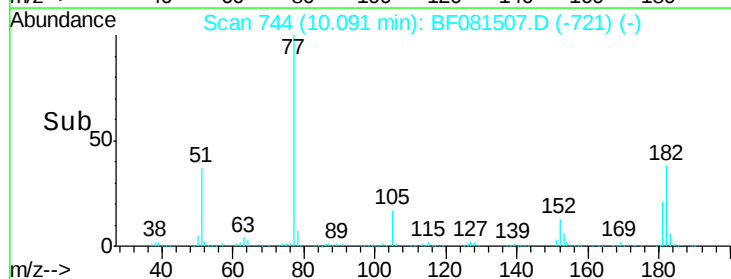
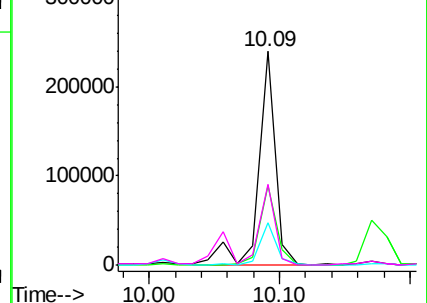


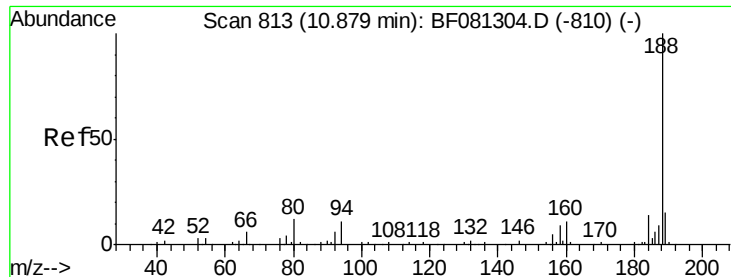
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

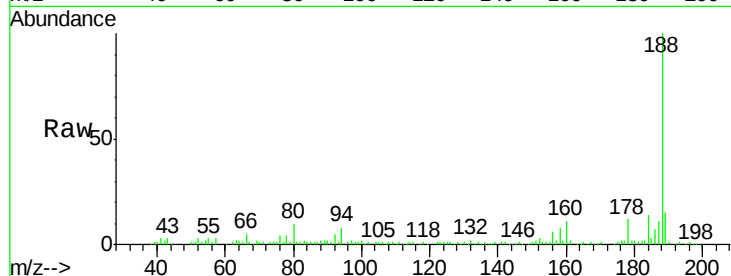




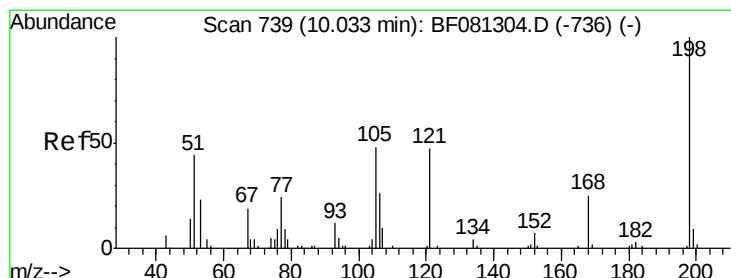
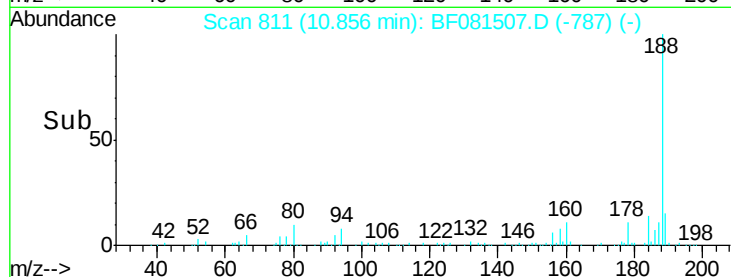
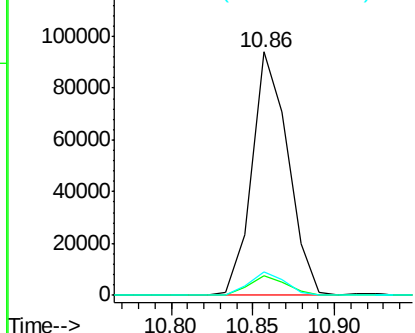
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF081507.D
Acq: 6 Sep 2015 13:46

Instrument :
BNA_F
ClientSampleId :
SB003MS

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	11.1	16.7#
80	9.9	11.0	16.4#

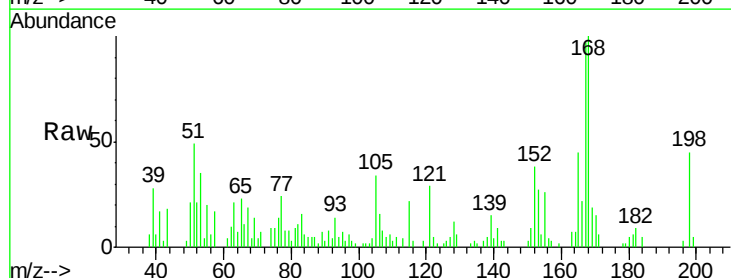


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

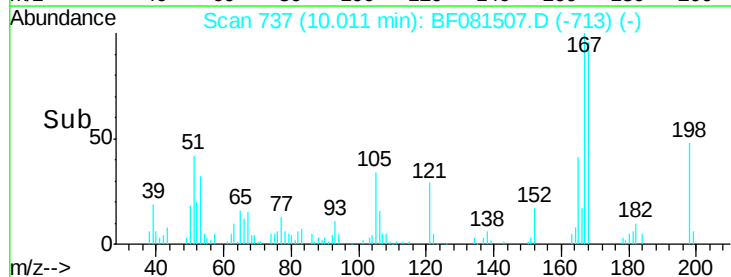
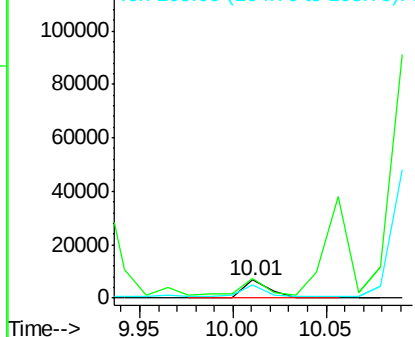


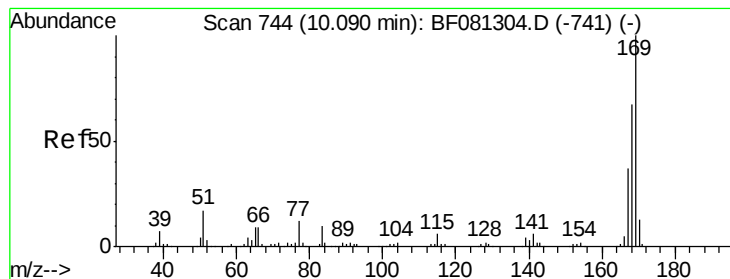
#64
4,6-Dinitro-2-methylphenol
Concen: 8.43 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF081507.D
Acq: 6 Sep 2015 13:46

Tgt Ion	Ratio	Lower	Upper
198	100		
51	109.5	39.6	79.6#
105	76.2	28.5	68.5#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

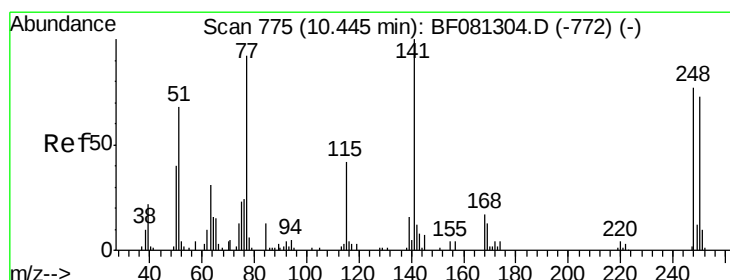
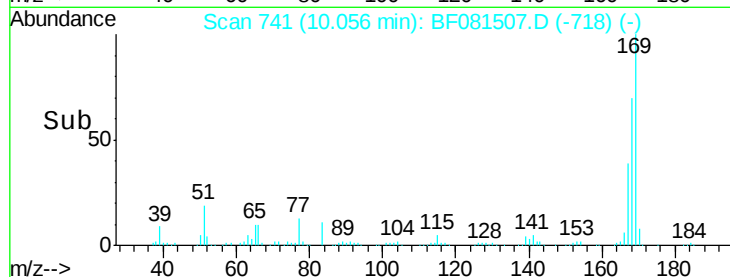
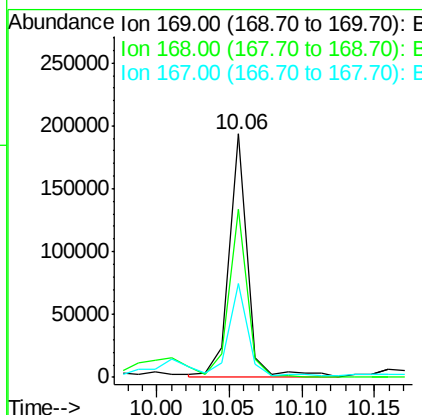
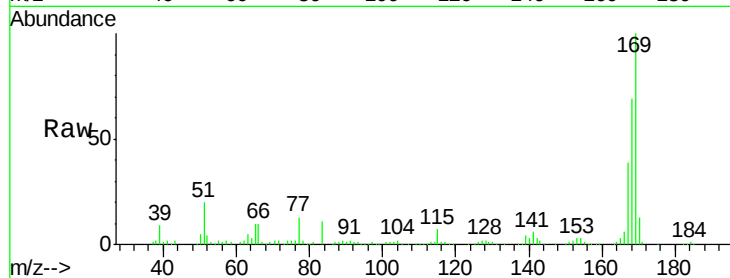




#65
n-Nitrosodiphenylamine
Concen: 32.27 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF081507.D
Acq: 6 Sep 2015 13:46

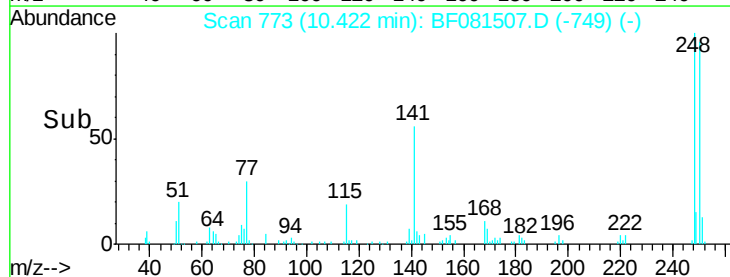
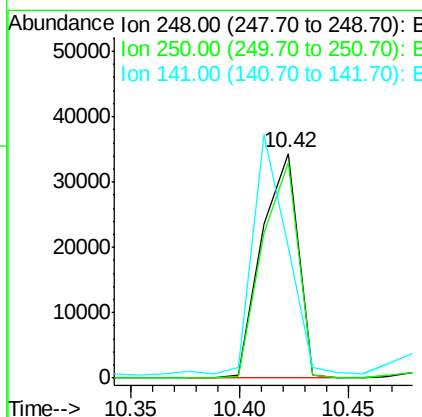
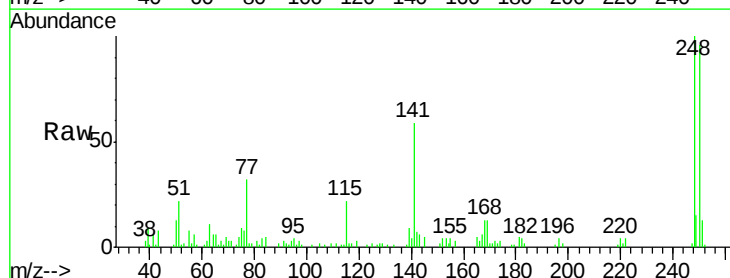
Instrument :
BNA_F
ClientSampleId :
SB003MS

Tot Ion:169 Resp: 169369
Ion Ratio Lower Upper
169 100
168 68.8 48.9 73.3
167 38.8 26.2 39.4



#66
4-Bromophenyl-phenylether
Concen: 27.62 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF081507.D
Acq: 6 Sep 2015 13:46

Tgt Ion:248 Resp: 40273
Ion Ratio Lower Upper
248 100
250 95.8 78.5 117.7
141 58.6 59.0 88.6#

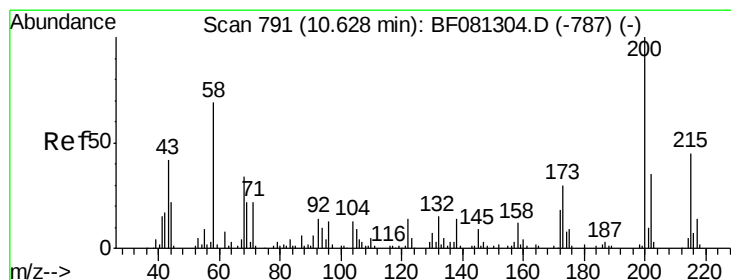
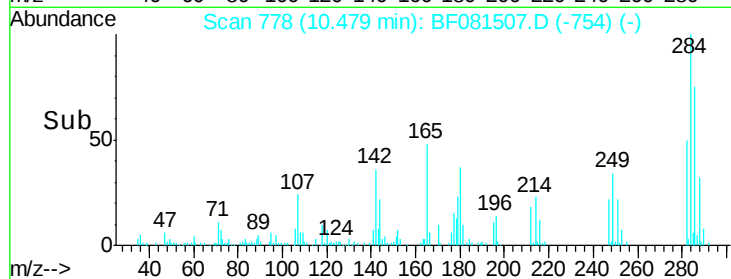
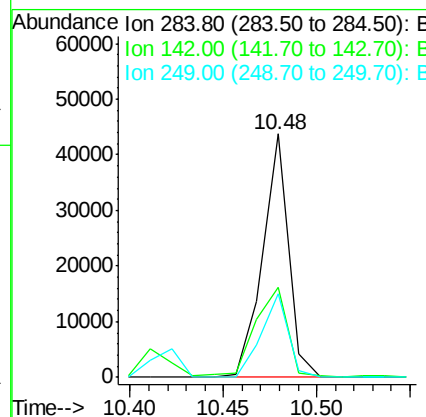
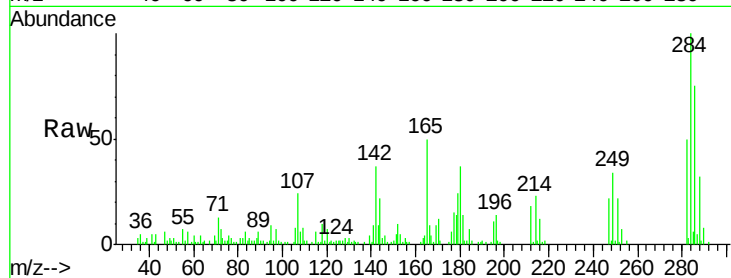




#67
Hexachlorobenzene
Concen: 27.87 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.02 min
Lab File: BF081507.D
Acq: 6 Sep 2015 13:46

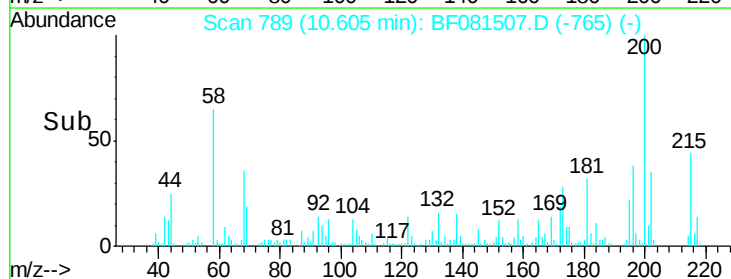
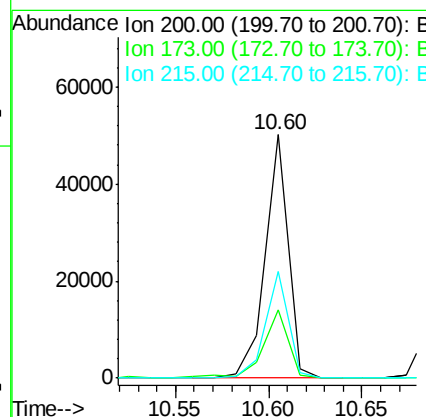
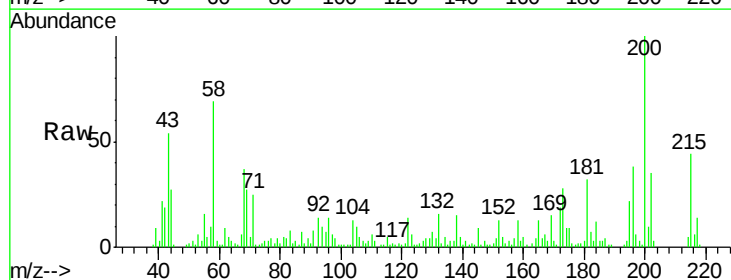
Instrument :
BNA_F
ClientSampleId :
SB003MS

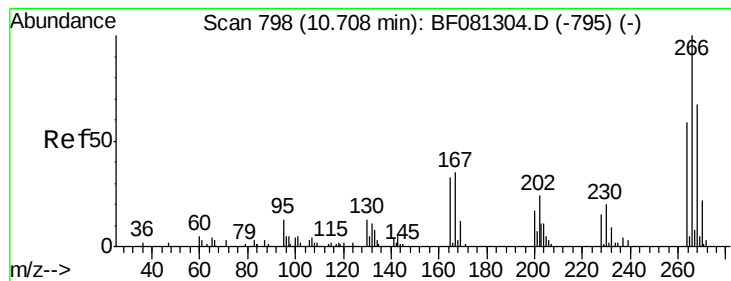
Tot Ion:284 Resp: 42494
Ion Ratio Lower Upper
284 100
142 37.0 29.5 44.3
249 34.4 19.5 29.3#



#68
Atrazine
Concen: 27.89 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF081507.D
Acq: 6 Sep 2015 13:46

Tgt Ion:200 Resp: 42361
Ion Ratio Lower Upper
200 100
173 28.2 13.2 53.2
215 43.7 41.8 81.8





#69

Pentachlorophenol

Concen: 56.96 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Instrument :

BNA_F

ClientSampleId :

SB003MS

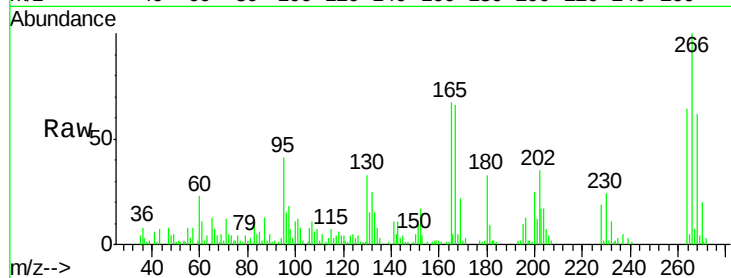
Tot Ion:266 Resp: 40183

Ion Ratio Lower Upper

266 100

268 62.2 49.8 74.6

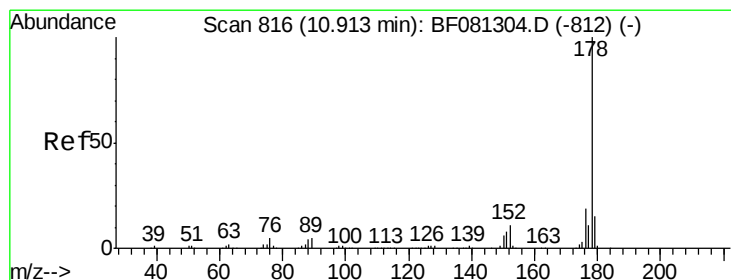
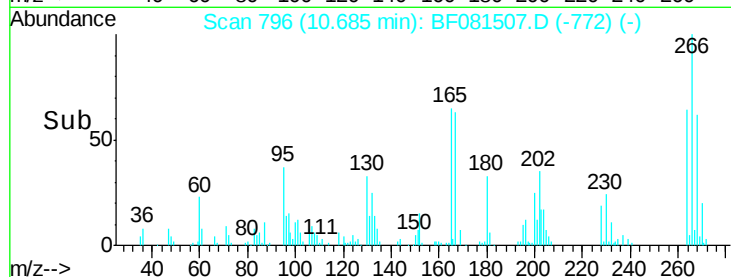
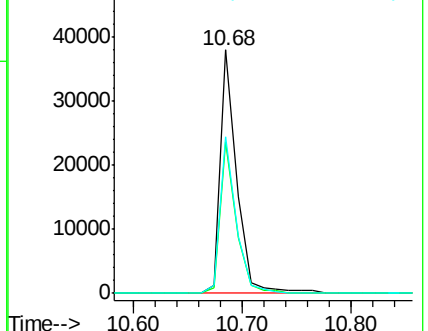
264 64.1 50.2 75.2



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: 81.27 ng

RT: 10.94 min Scan# 818

Delta R.T. 0.02 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

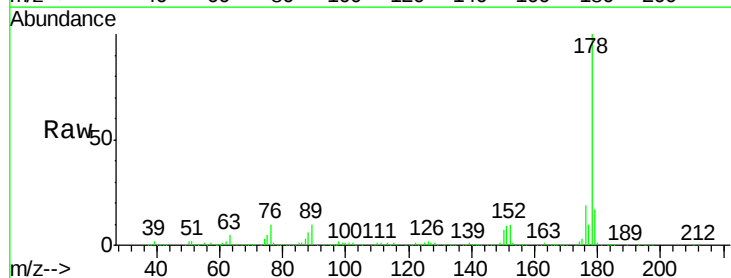
Tgt Ion:178 Resp: 651603

Ion Ratio Lower Upper

178 100

176 18.7 13.8 20.8

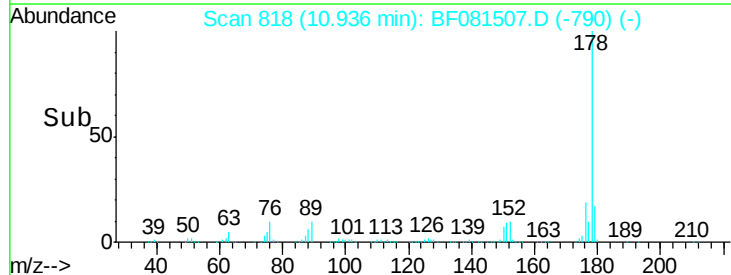
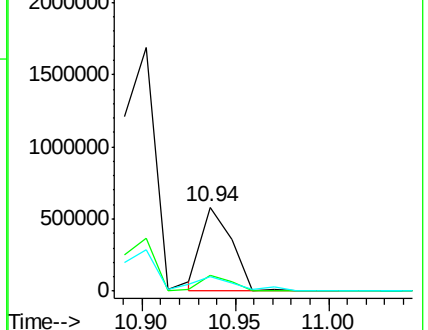
179 16.7 12.2 18.2

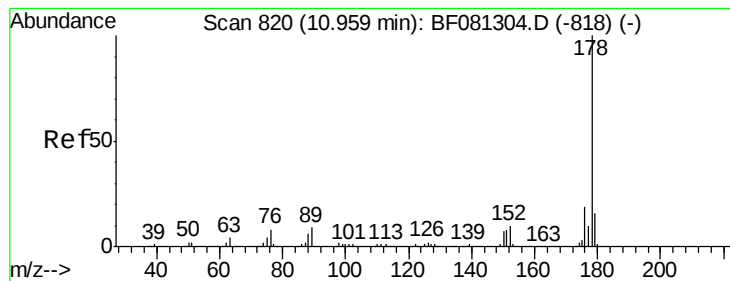


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 79.11 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Instrument :

BNA_F

ClientSampleId :

SB003MS

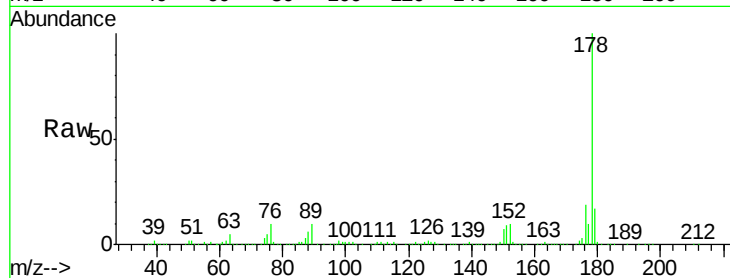
Tot Ion:178 Resp: 651603

Ion Ratio Lower Upper

178 100

176 18.7 14.1 21.1

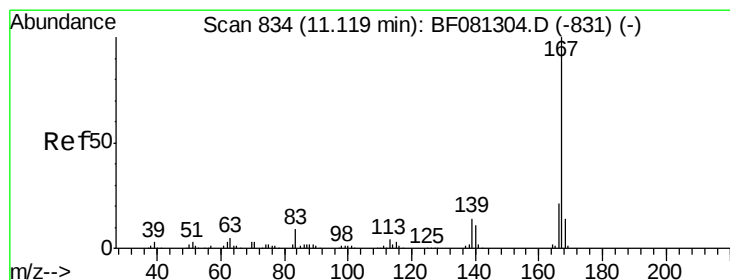
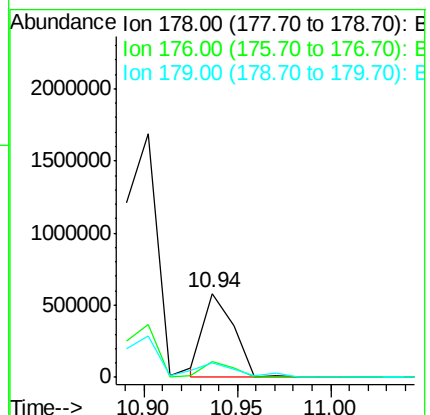
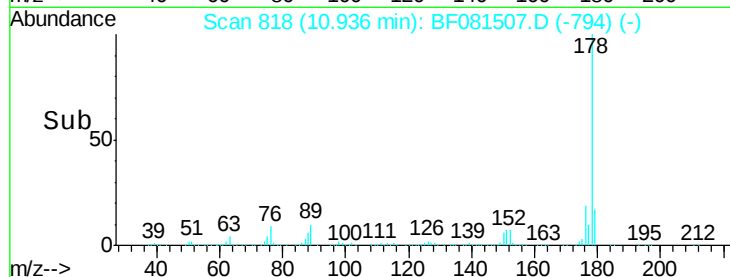
179 16.7 12.2 18.2



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: 54.91 ng

RT: 11.10 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

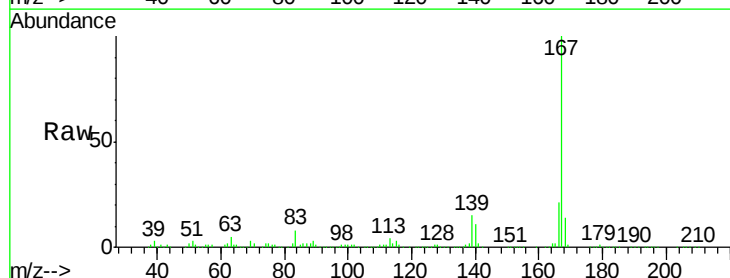
Tgt Ion:167 Resp: 424418

Ion Ratio Lower Upper

167 100

166 21.5 15.7 23.5

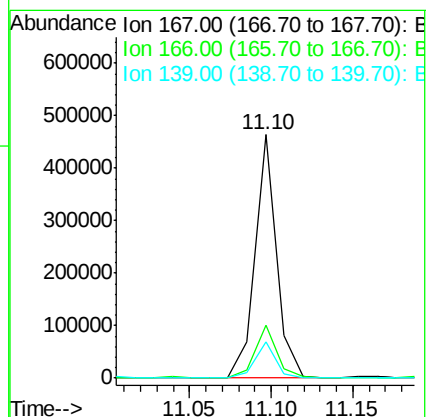
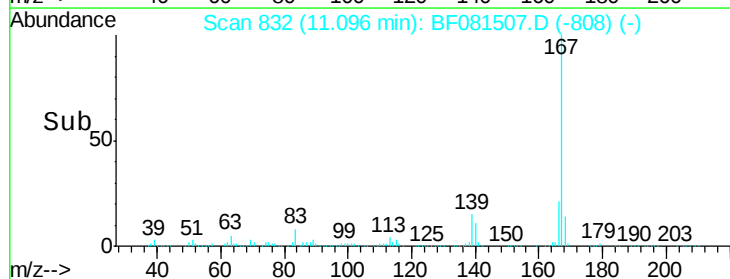
139 14.9 9.5 14.3#

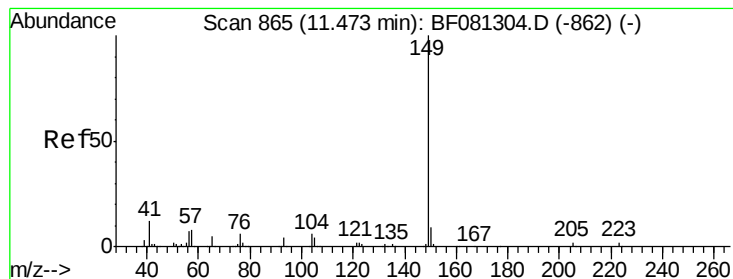


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 30.37 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Instrument :

BNA_F

ClientSampleId :

SB003MS

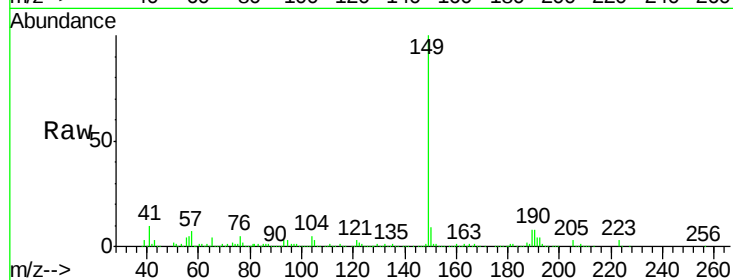
Tot Ion:149 Resp: 277187

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

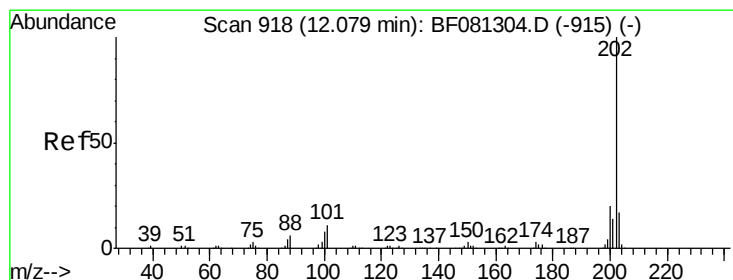
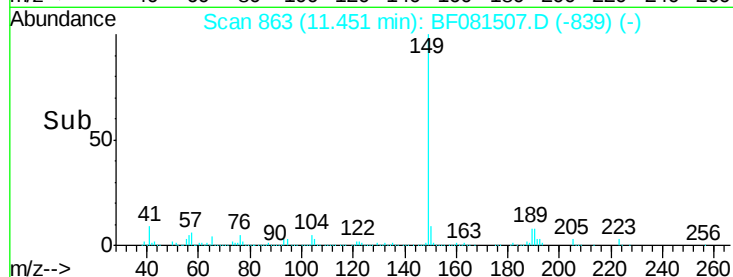
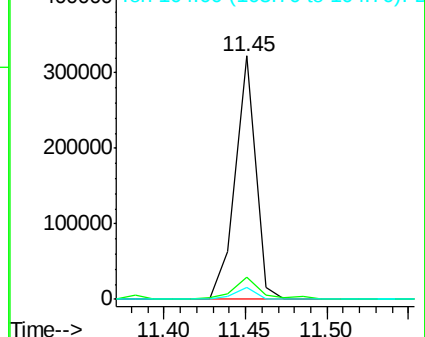
104 5.0 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 309.24 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

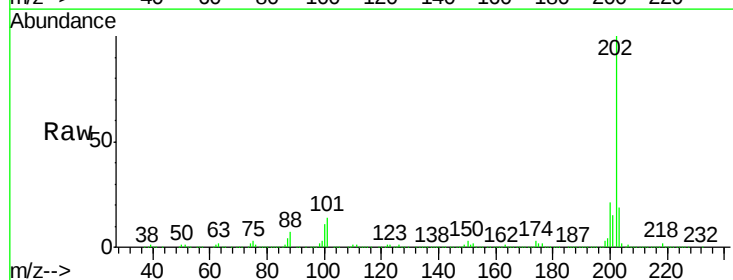
Tgt Ion:202 Resp: 2684021

Ion Ratio Lower Upper

202 100

101 13.9 0.0 38.3

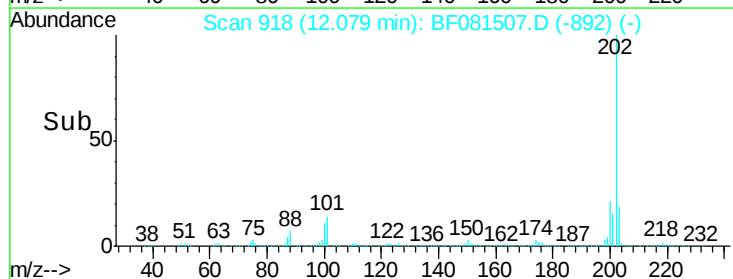
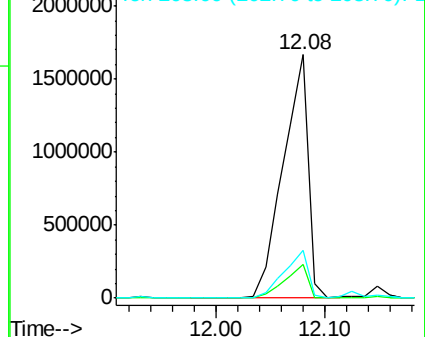
203 19.4 0.0 37.3

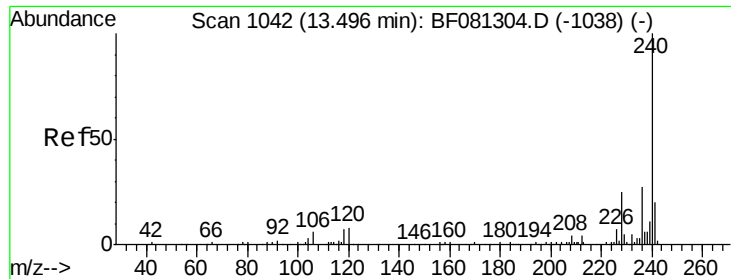


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.49 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Instrument :

BNA_F

ClientSampleId :

SB003MS

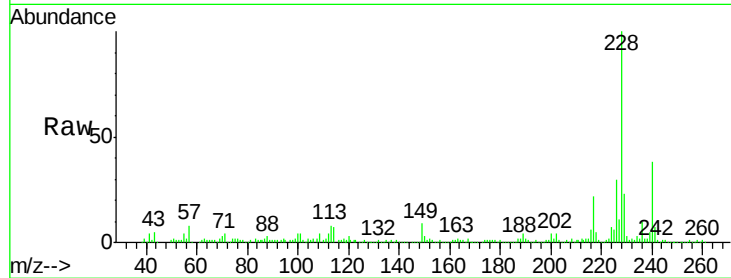
Tot Ion:240 Resp: 102485

Ion Ratio Lower Upper

240 100

120 7.2 16.2 24.2#

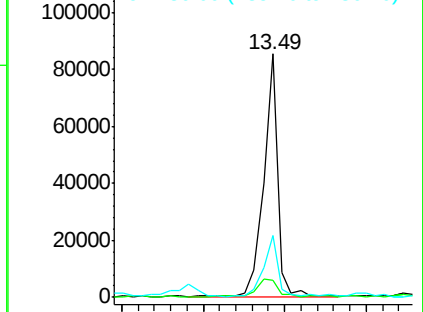
236 25.4 18.4 27.6



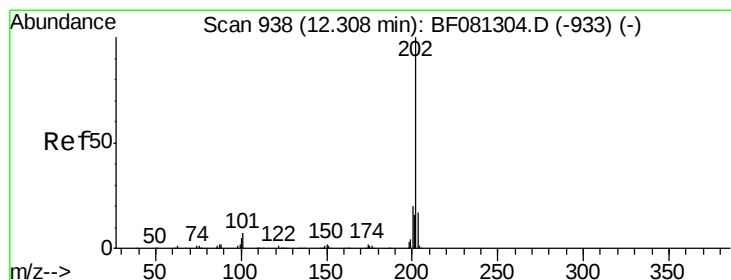
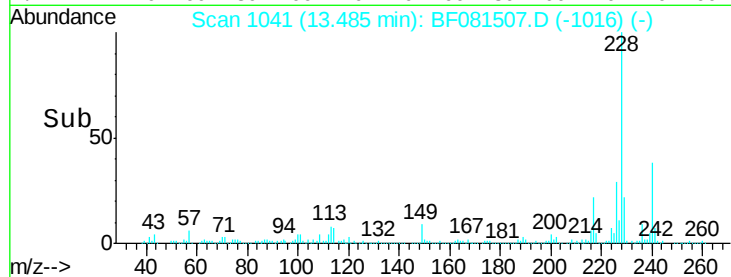
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.30 13.40 13.50 13.60



#77

Pyrene

Concen: 10.99 ng

RT: 12.15 min Scan# 924

Delta R.T. -0.16 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

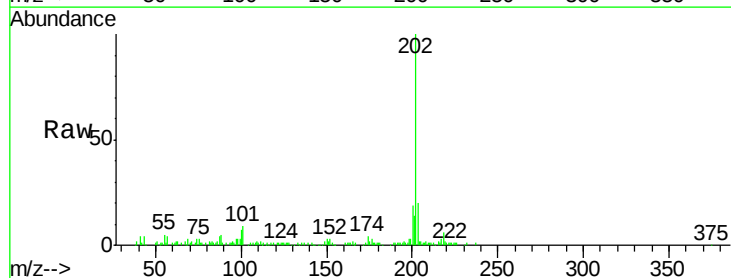
Tgt Ion:202 Resp: 83435

Ion Ratio Lower Upper

202 100

200 18.7 15.0 22.4

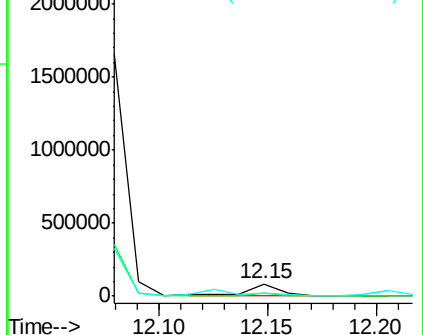
203 19.9 14.1 21.1



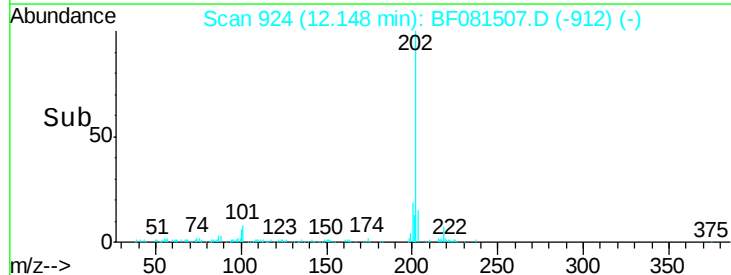
Abundance Ion 202.00 (201.70 to 202.70): E

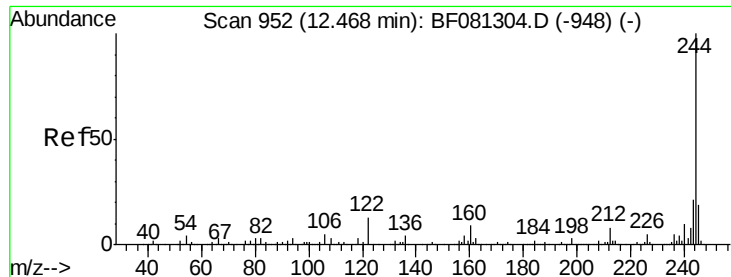
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 12.10 12.15 12.20

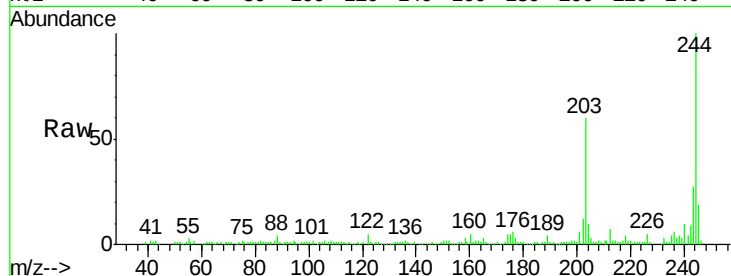




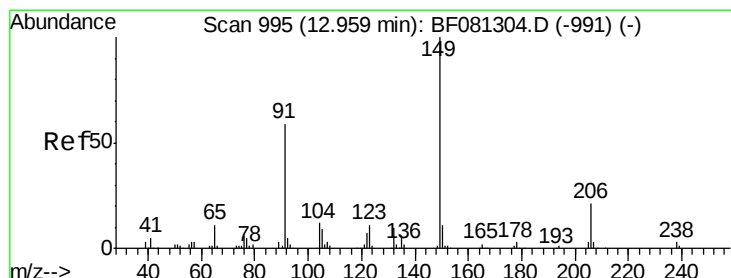
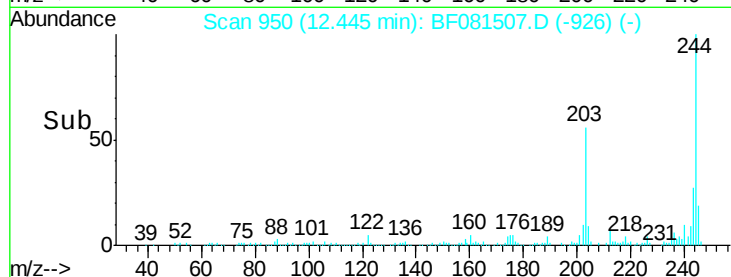
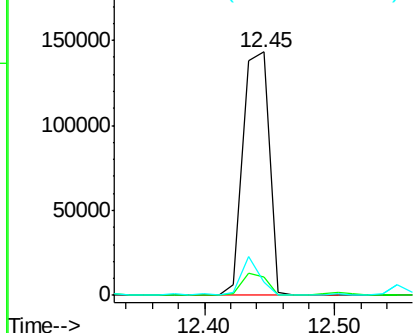
#78
 Terphenyl-d14
 Concen: 45.25 ng
 RT: 12.45 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF081507.D
 Acq: 6 Sep 2015 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SB003MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.3	6.5#
122	5.5	17.4	26.2#

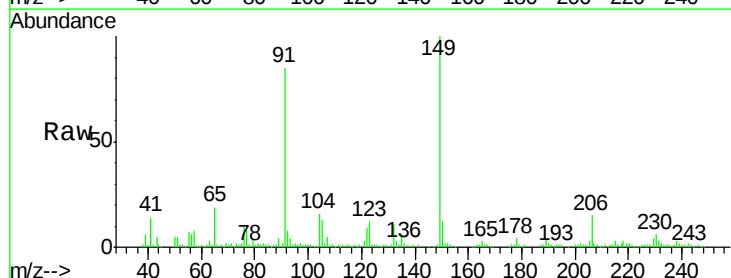


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

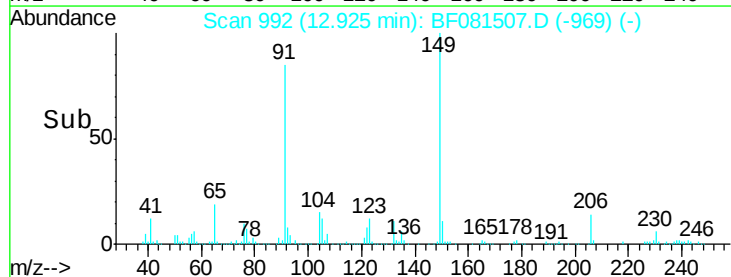
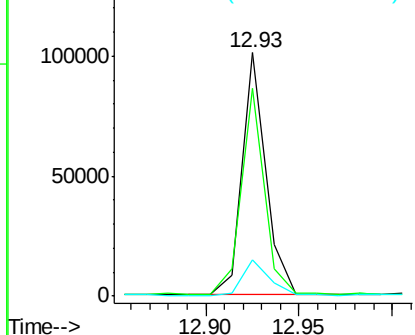


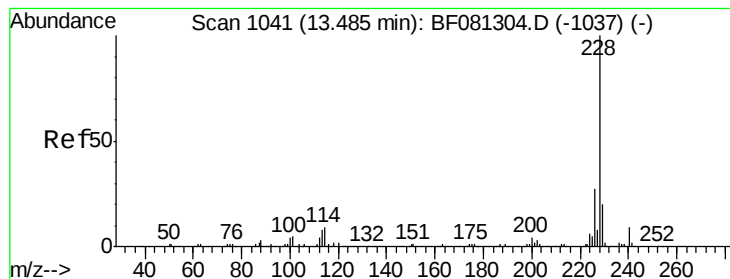
#79
 Butylbenzylphthalate
 Concen: 27.21 ng
 RT: 12.93 min Scan# 992
 Delta R.T. -0.03 min
 Lab File: BF081507.D
 Acq: 6 Sep 2015 13:46

Tgt Ion	Ratio	Lower	Upper
149	100		
91	85.2	48.6	72.8#
206	14.7	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: 188.24 ng

RT: 13.47 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Instrument :

BNA_F

ClientSampleId :

SB003MS

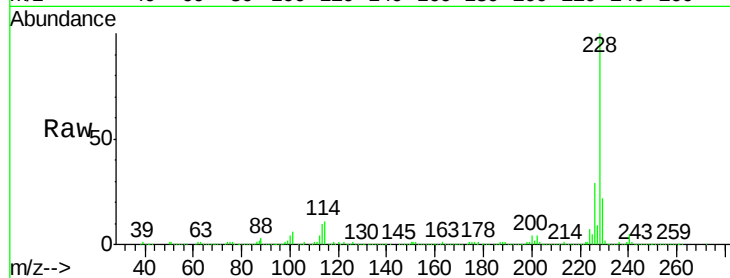
Tot Ion:228 Resp: 1228566

Ion Ratio Lower Upper

228 100

226 29.3 20.0 30.0

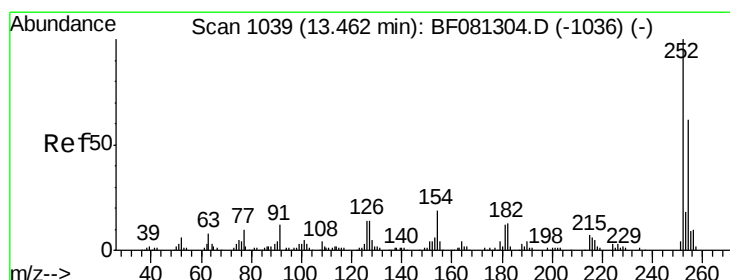
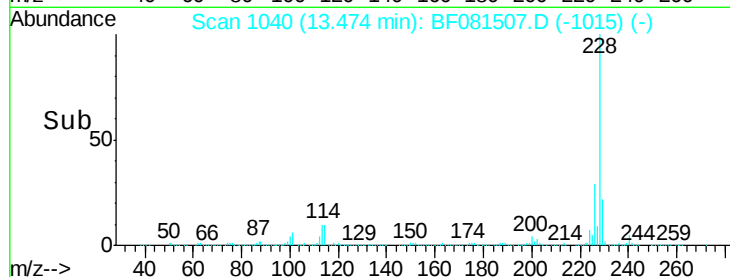
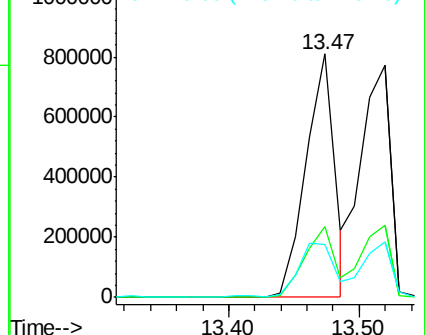
229 21.9 15.4 23.2



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: 14.97 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

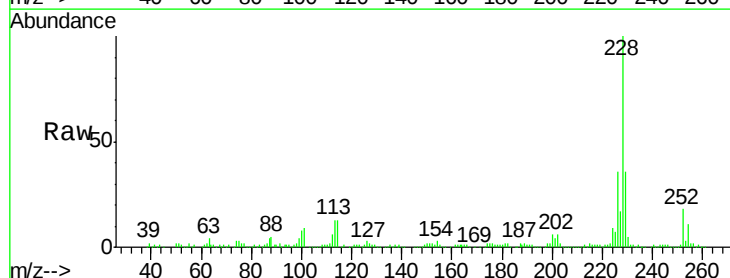
Tgt Ion:252 Resp: 32962

Ion Ratio Lower Upper

252 100

254 63.0 51.4 77.2

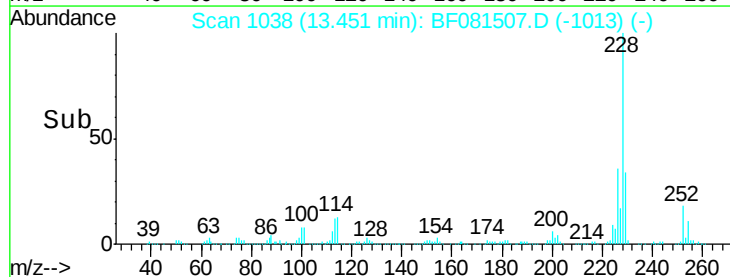
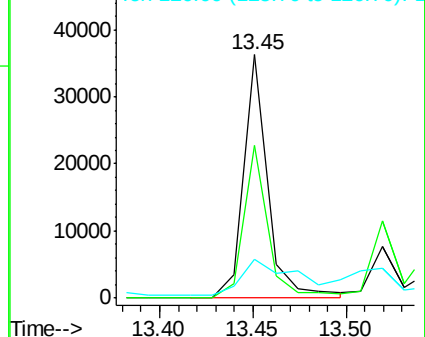
126 15.8 16.4 24.6#

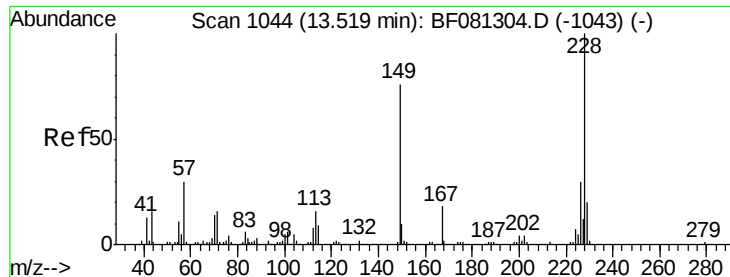


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

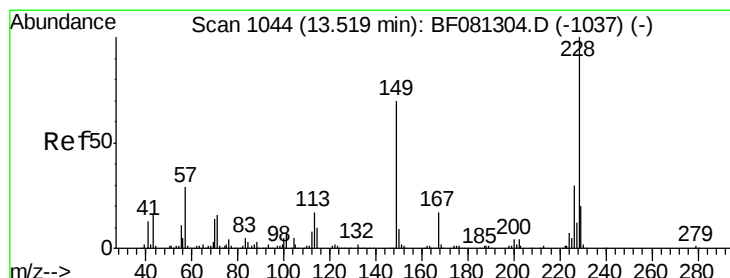
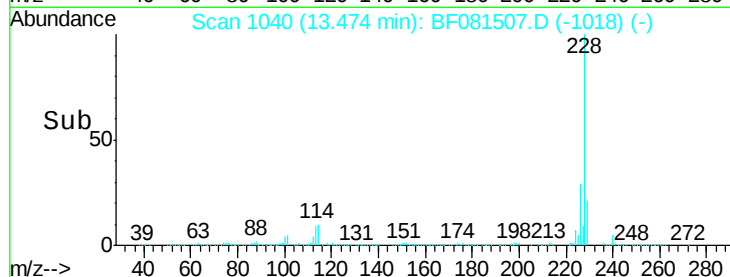
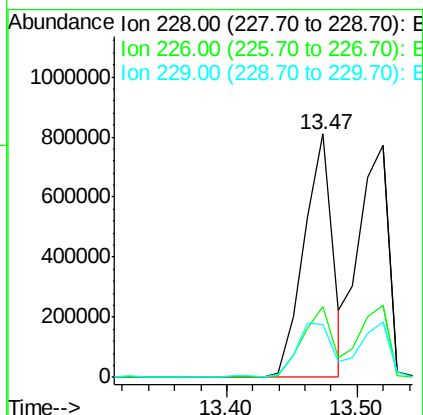
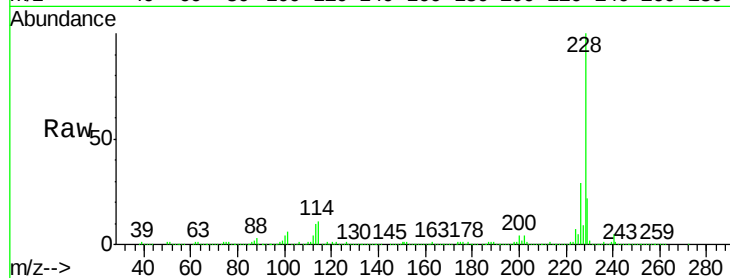




#82
Chrysene
Concen: 209.99 ng
RT: 13.47 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF081507.D
Acq: 6 Sep 2015 13:46

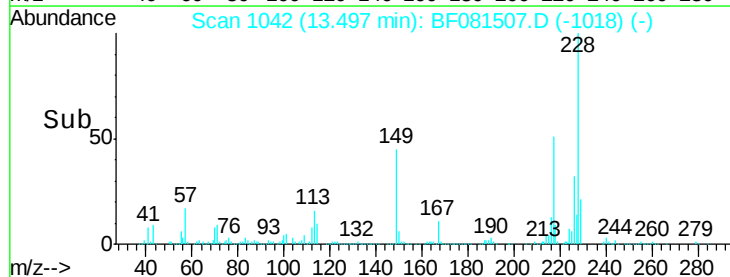
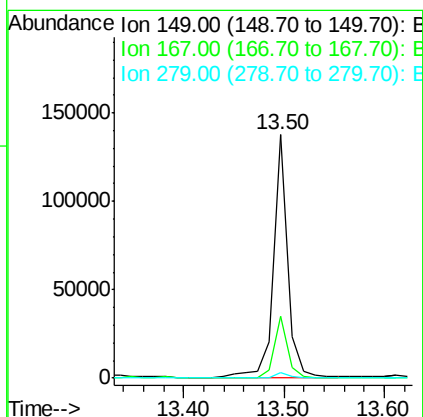
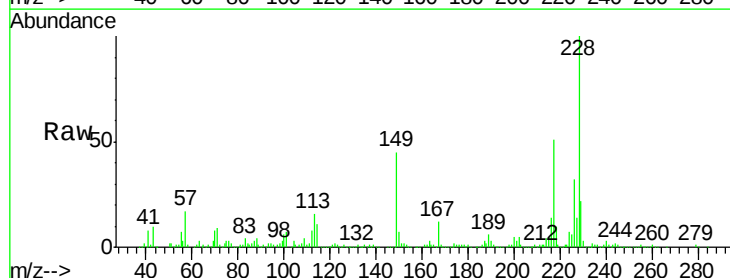
Instrument :
BNA_F
ClientSampleId :
SB003MS

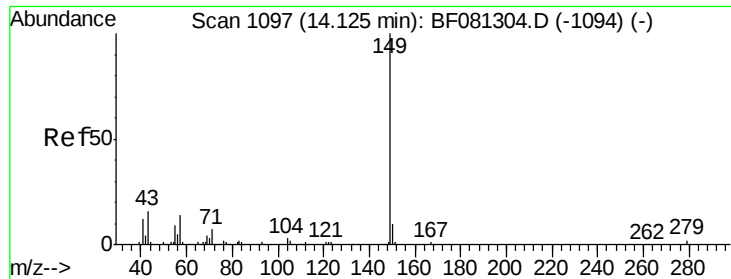
Tot Ion:228 Resp: 1228566
Ion Ratio Lower Upper
228 100
226 29.3 21.0 31.4
229 21.9 15.6 23.4



#83
Bis(2-ethylhexyl)phthalate
Concen: 30.31 ng
RT: 13.50 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF081507.D
Acq: 6 Sep 2015 13:46

Tgt Ion:149 Resp: 132065
Ion Ratio Lower Upper
149 100
167 25.5 24.2 36.2
279 2.2 3.8 5.6#

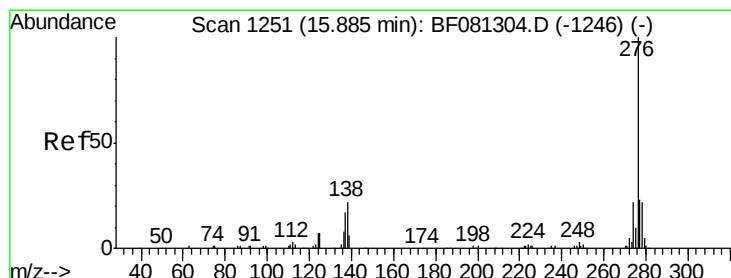
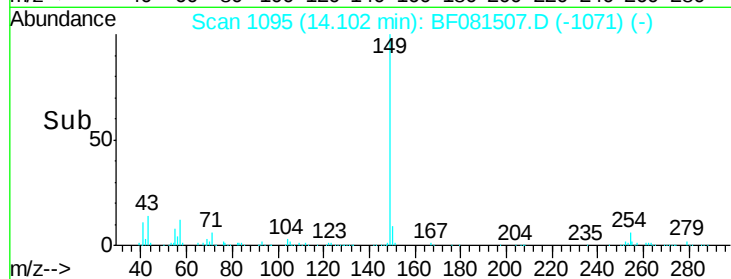
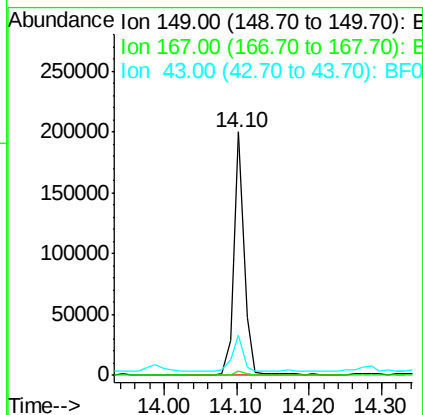
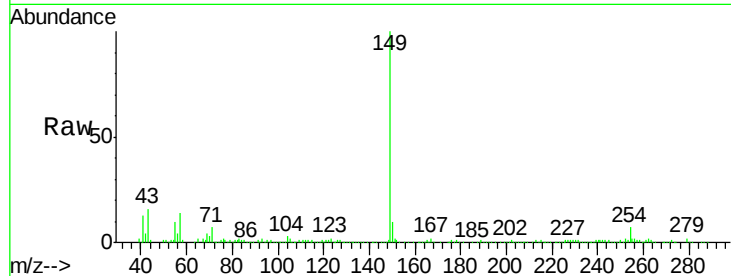




#84
Di-n-octyl phthalate
Concen: 26.84 ng
RT: 14.10 min Scan# 1095
Delta R.T. -0.02 min
Lab File: BF081507.D
Acq: 6 Sep 2015 13:46

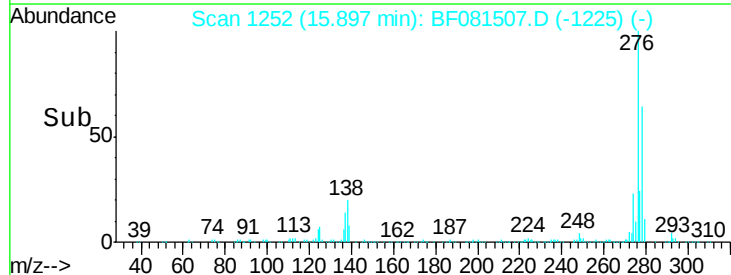
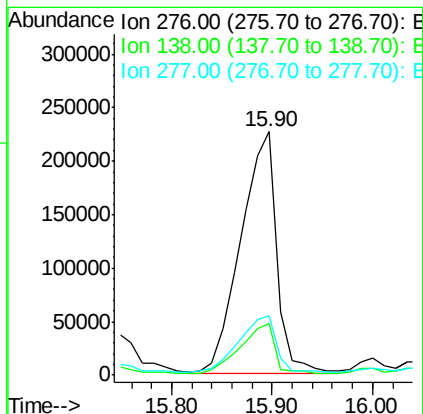
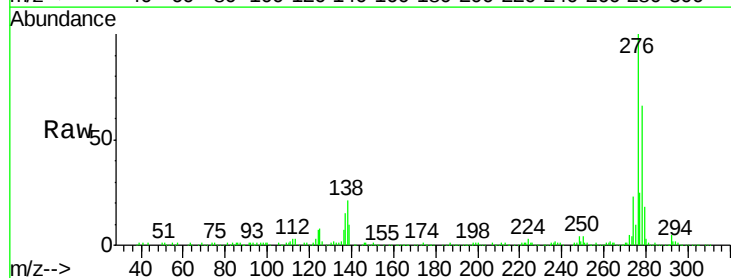
Instrument :
BNA_F
ClientSampleId :
SB003MS

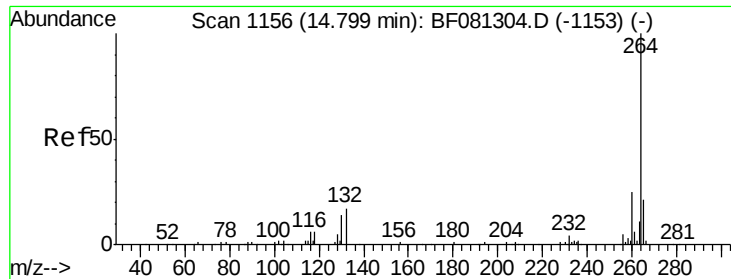
Tot Ion:149 Resp: 192576
Ion Ratio Lower Upper
149 100
167 1.6 1.0 1.6#
43 16.5 10.2 15.2#



#85
Indeno(1,2,3-cd)pyrene
Concen: 130.38 ng
RT: 15.90 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF081507.D
Acq: 6 Sep 2015 13:46

Tgt Ion:276 Resp: 559654
Ion Ratio Lower Upper
276 100
138 20.5 25.7 38.5#
277 23.8 15.6 23.4#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 14.79 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Instrument :

BNA_F

ClientSampleId :

SB003MS

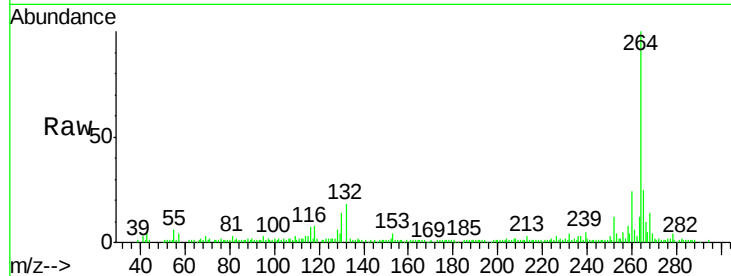
Tot Ion:264 Resp: 99018

Ion Ratio Lower Upper

264 100

260 24.4 16.7 25.1

265 24.9 17.2 25.8

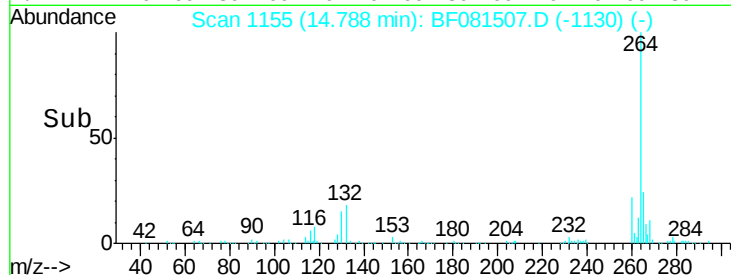


Abundance Ion 264.00 (263.70 to 264.70): E

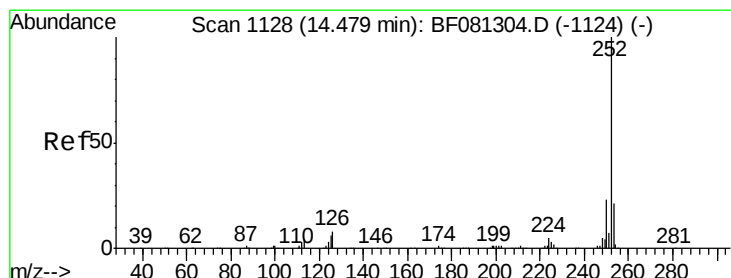
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->



#87

Benzo(b)fluoranthene

Concen: 260.54 ng

RT: 14.48 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

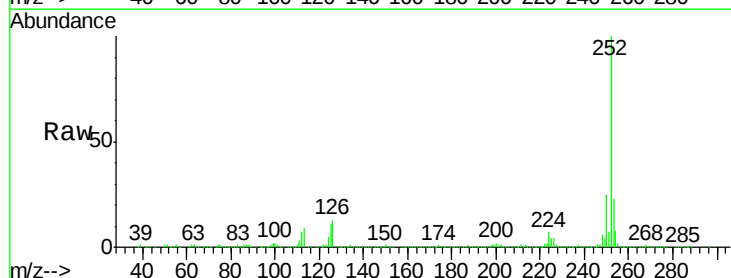
Tgt Ion:252 Resp: 1841844

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

125 10.8 17.1 25.7#

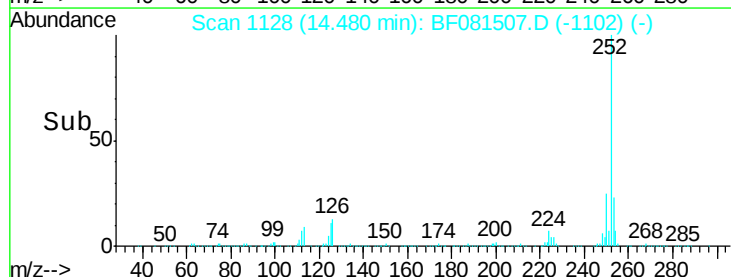


Abundance Ion 252.00 (251.70 to 252.70): E

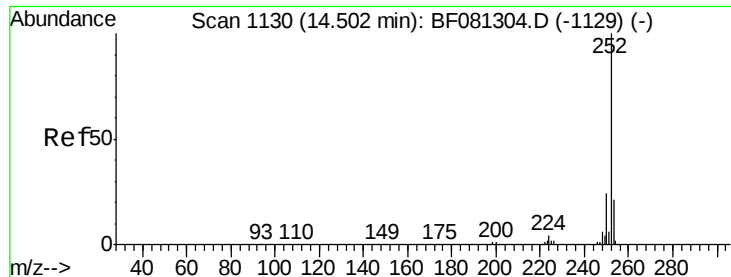
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



Time-->



#88

Benzo(k)fluoranthene

Concen: 314.00 ng

RT: 14.48 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Instrument :

BNA_F

ClientSampleId :

SB003MS

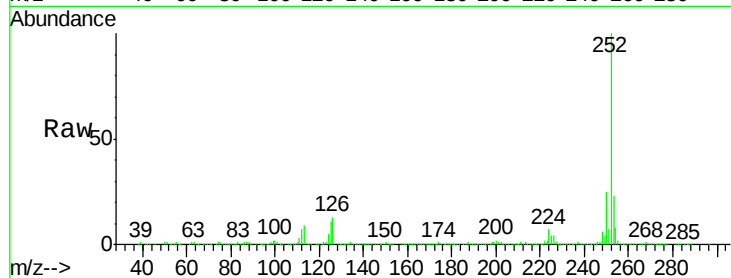
Tot Ion:252 Resp: 1841844

Ion Ratio Lower Upper

252 100

253 23.0 17.0 25.4

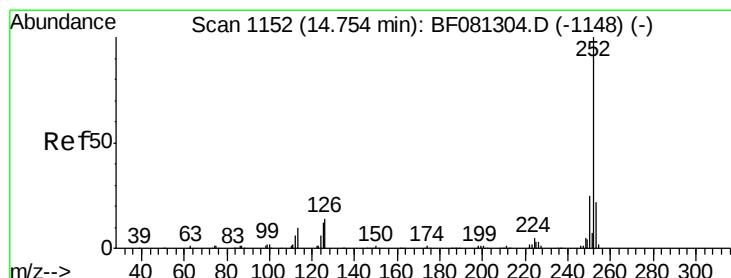
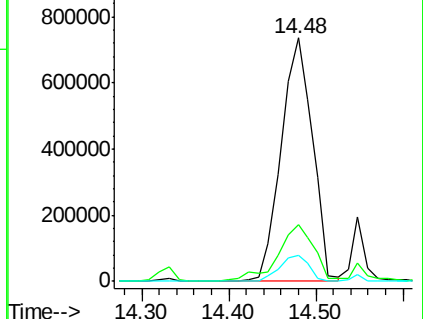
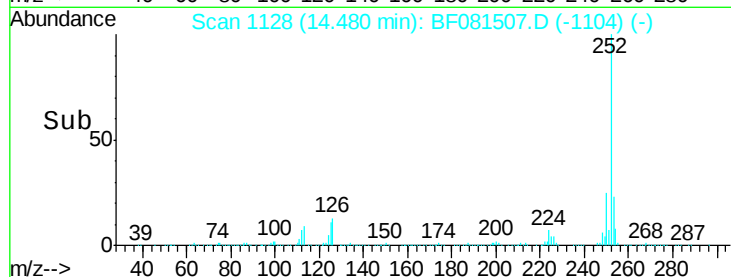
125 10.8 16.0 24.0#



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: 169.12 ng

RT: 14.75 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

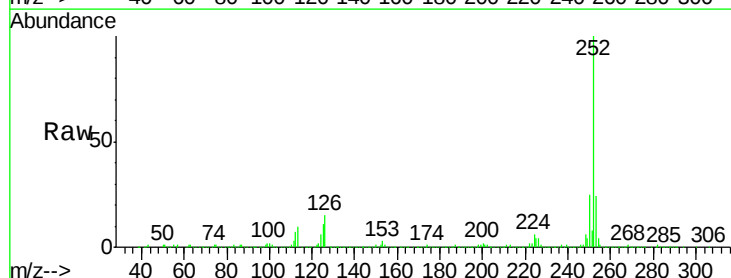
Tgt Ion:252 Resp: 1013075

Ion Ratio Lower Upper

252 100

253 23.8 17.2 25.8

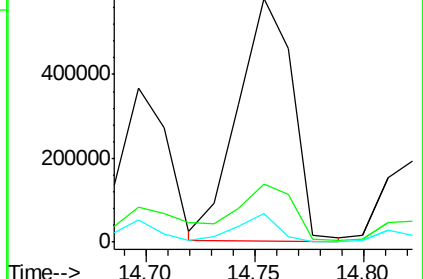
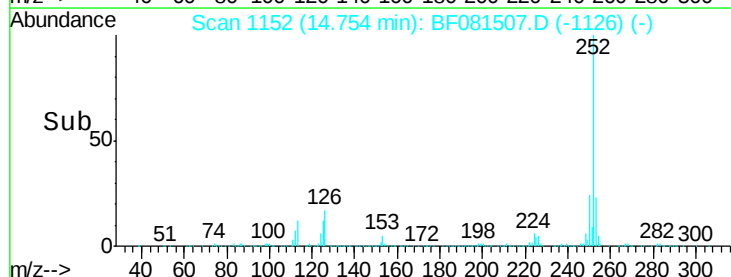
125 11.5 18.0 27.0#

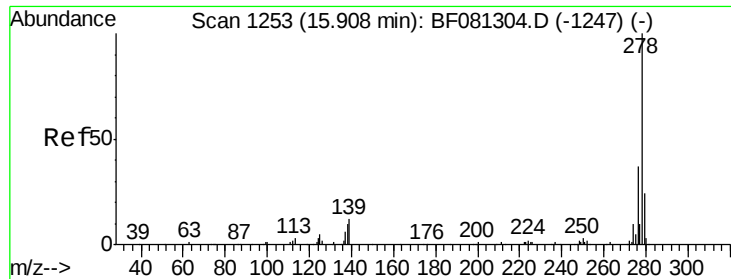


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 59.96 ng

RT: 15.90 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

Instrument :

BNA_F

ClientSampleId :

SB003MS

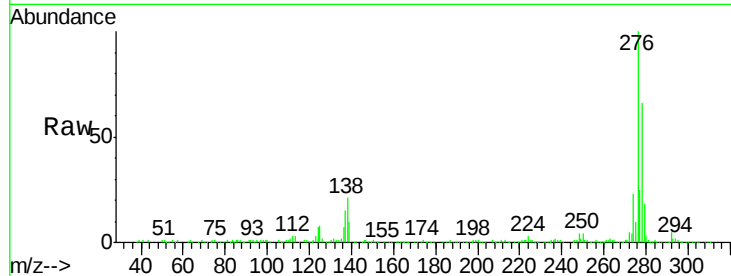
Tot Ion:278 Resp: 277541

Ion Ratio Lower Upper

278 100

139 14.6 26.3 39.5#

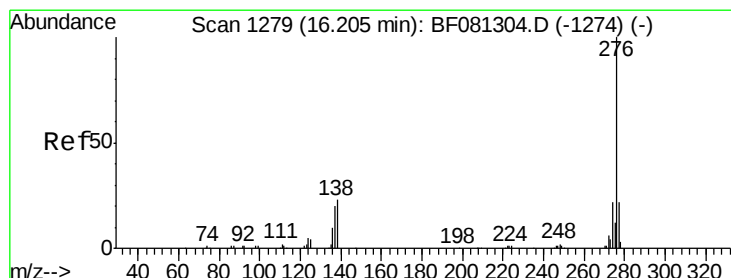
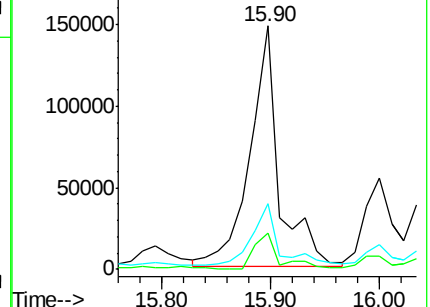
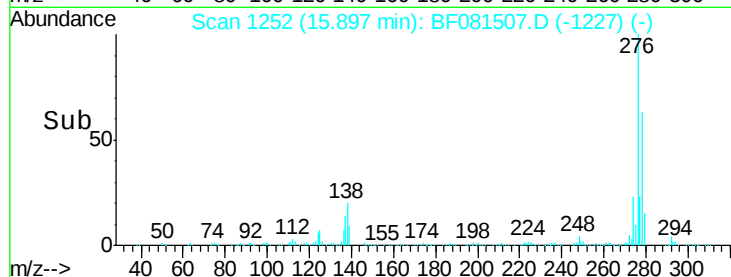
279 26.8 18.2 27.4



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(g,h,i)perylene

Concen: 104.48 ng

RT: 16.22 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF081507.D

Acq: 6 Sep 2015 13:46

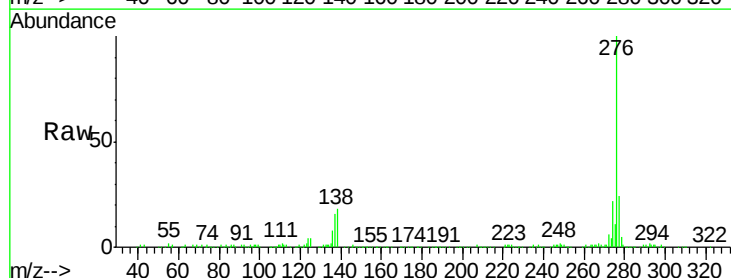
Tgt Ion:276 Resp: 461599

Ion Ratio Lower Upper

276 100

277 24.3 17.8 26.6

138 18.2 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

