

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
 Data File : BF084433.D
 Acq On : 13 Jan 2016 2:24
 Operator : SJ/UM
 Sample : H1078-07MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMS

Quant Time: Jan 13 04:48:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	276191	20.00	ng	-0.06
21) Naphthalene-d8	8.13	136	1069335	20.00	ng	-0.06
38) Acenaphthene-d10	9.88	164	455851	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	772253	20.00	ng	-0.06
75) Chrysene-d12	14.01	240	500260	20.00	ng	-0.06
86) Perylene-d12	15.43	264	496975	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1230565	72.07	ng	-0.04
7) Phenol-d6	6.49	99	1125591	52.49	ng	-0.05
23) Nitrobenzene-d5	7.41	82	1698692	88.41	ng	-0.06
41) 2,4,6-Tribromophenol	10.68	330	613840	133.38	ng	-0.06
44) 2-Fluorobiphenyl	9.21	172	2408916	93.60	ng	-0.06
78) Terphenyl-d14	12.96	244	1878536	83.82	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	174421	21.56	ng	# 80
3) Pyridine	3.20	79	413527	18.34	ng	# 70
4) n-Nitrosodimethylamine	3.12	42	216372	18.69	ng	# 89
6) Aniline	6.51	93	650608	20.74	ng	# 76
8) 2-Chlorophenol	6.64	128	705467	36.41	ng	90
9) Benzaldehyde	6.38	77	186267	13.34	ng	98
10) Phenol	6.50	94	476447	19.54	ng	84
11) bis(2-Chloroethyl)ether	6.58	93	768807	40.70	ng	83
12) 1,3-Dichlorobenzene	6.78	146	815177	40.79	ng	98
13) 1,4-Dichlorobenzene	6.78	146	815177	40.68	ng	94
14) 1,2-Dichlorobenzene	7.01	146	743402	38.73	ng	98
15) Benzyl Alcohol	6.99	79	529773	29.37	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1343706	39.07	ng	86
17) 2-Methylphenol	7.12	107	519043	31.97	ng	# 92
18) Hexachloroethane	7.36	117	301876	37.67	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	590103	40.65	ng	# 76
20) 3+4-Methylphenols	7.26	107	554011	29.03	ng	# 79
22) Acetophenone	7.25	105	1080033	42.00	ng	98
24) Nitrobenzene	7.44	77	877814	45.05	ng	# 83
25) Isophorone	7.68	82	1646855	44.82	ng	# 94
26) 2-Nitrophenol	7.74	139	402803	45.42	ng	# 82
27) 2,4-Dimethylphenol	7.79	122	666193	37.11	ng	93
28) bis(2-Chloroethoxy)methane	7.88	93	982699	43.78	ng	98
29) 2,4-Dichlorophenol	8.00	162	658672	44.05	ng	96
30) 1,2,4-Trichlorobenzene	8.08	180	701689	45.45	ng	# 94
31) Naphthalene	8.16	128	2309565	47.60	ng	99
32) Benzoic acid	7.88	122	135014	16.42	ng	95
33) 4-Chloroaniline	8.20	127	391738	17.61	ng	97
34) Hexachlorobutadiene	8.27	225	369911	41.68	ng	98
35) Caprolactam	8.57	113	40003	7.94	ng	# 34
36) 4-Chloro-3-methylphenol	8.69	107	686687	41.00	ng	96
37) 2-Methylnaphthalene	8.84	142	1398520	40.16	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	646461	49.33	ng	98
40) Hexachlorocyclopentadiene	9.00	237	647331	81.83	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	453887	46.29	ng	95
43) 2,4,5-Trichlorophenol	9.17	196	435678	46.35	ng	94
45) 1,1'-Biphenyl	9.31	154	1838375	50.74	ng	98
46) 2-Chloronaphthalene	9.33	162	1364633	47.95	ng	93
47) 2-Nitroaniline	9.44	65	462131	49.20	ng	# 61
48) Acenaphthylene	9.74	152	1937175	46.08	ng	96
49) Dimethylphthalate	9.62	163	1650119	50.63	ng	# 91
50) 2,6-Dinitrotoluene	9.68	165	385090	53.88	ng	# 80
51) Acenaphthene	9.92	154	1402818	49.74	ng	98
52) 3-Nitroaniline	9.84	138	176721	19.95	ng	95
53) 2,4-Dinitrophenol	9.95	184	329475	106.96	ng	88
54) Dibenzofuran	10.09	168	1780227	49.00	ng	92
55) 4-Nitrophenol	10.02	139	247717	38.53	ng	86
56) 2,4-Dinitrotoluene	10.08	165	438442	48.47	ng	96
57) Fluorene	10.43	166	1276672	45.21	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	363806	45.34	ng	89
59) Diethylphthalate	10.32	149	1540910	47.96	ng	96
60) 4-Chlorophenyl-phenylether	10.43	204	653092	56.89	ng	90
61) 4-Nitroaniline	10.45	138	296782	37.59	ng	88
62) Azobenzene	10.59	77	1735889	49.26	ng	96
64) 4,6-Dinitro-2-methylphenol	10.49	198	235738	50.68	ng	77
65) n-Nitrosodiphenylamine	10.54	169	1177561	47.69	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	442881	53.28	ng	97
67) Hexachlorobenzene	10.98	284	429204	45.88	ng	# 86
68) Atrazine	11.08	200	389656	48.22	ng	94
69) Pentachlorophenol	11.19	266	387039	79.79	ng	99
70) Phenanthrene	11.39	178	1907730	47.23	ng	96
71) Anthracene	11.45	178	2043061	51.60	ng	97
72) Carbazole	11.61	167	1703527	44.01	ng	97
73) Di-n-butylphthalate	11.94	149	2117872	54.13	ng	# 96
74) Fluoranthene	12.58	202	1701425	40.32	ng	98
76) Benzidine	12.71	184	256189	14.28	ng	98
77) Pyrene	12.81	202	1672242	42.60	ng	98
79) Butylbenzylphthalate	13.44	149	755451	44.47	ng	# 88
80) Benzo(a)anthracene	14.00	228	1254570	42.71	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	268438	26.18	ng	# 98
82) Chrysene	14.03	228	1097874	38.90	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	914541	42.61	ng	# 95
84) Di-n-octyl phthalate	14.60	149	1550112	42.78	ng	# 89
85) Indeno(1,2,3-cd)pyrene	16.83	276	1681878	75.17	ng	98
87) Benzo(b)fluoranthene	15.03	252	2606508	80.18	ng	# 96
88) Benzo(k)fluoranthene	15.03	252	2609058	98.13	ng	99
89) Benzo(a)pyrene	15.37	252	1300169	47.15	ng	# 93
90) Dibenzo(a,h)anthracene	16.84	278	1363569	57.47	ng	99
91) Benzo(g,h,i)perylene	17.25	276	1474291	60.00	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.06 min

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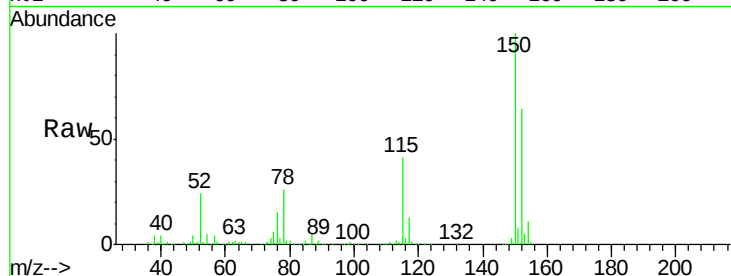
Tgt Ion:152 Resp: 276191

Ion Ratio Lower Upper

152 100

150 155.2 123.0 184.4

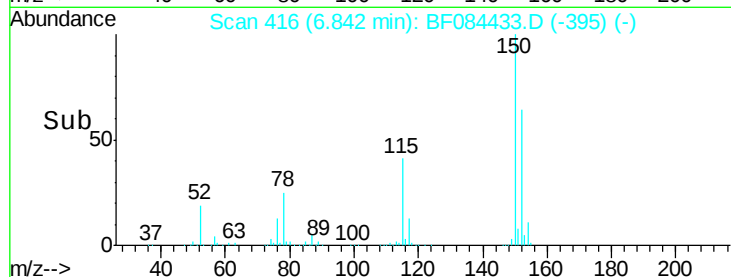
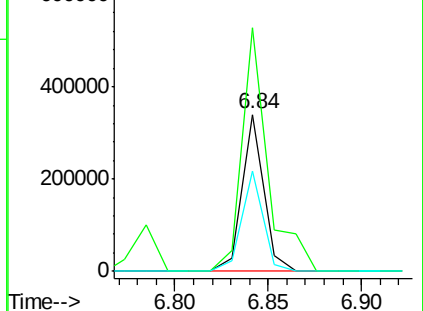
115 64.2 51.4 77.2



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: 21.56 ng

RT: 2.46 min Scan# 33

Delta R.T. -0.07 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

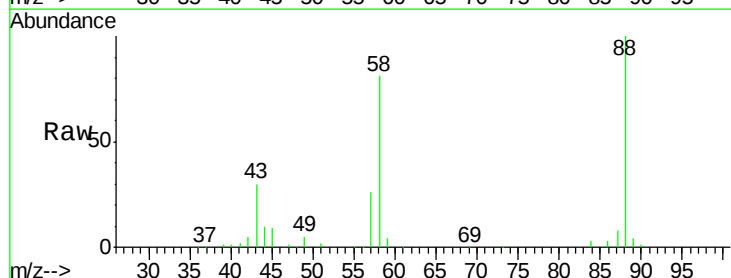
Tgt Ion: 88 Resp: 174421

Ion Ratio Lower Upper

88 100

58 82.2 51.2 76.8#

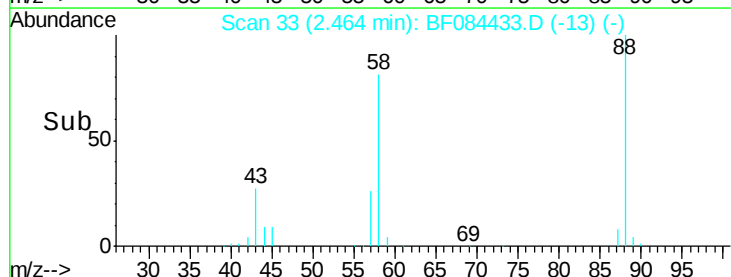
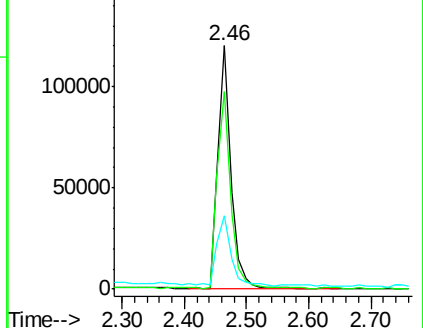
43 30.4 19.5 29.3#

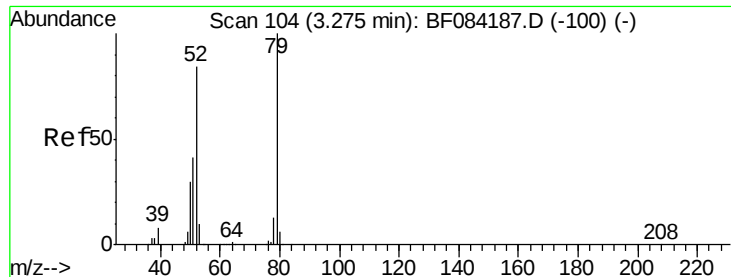


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 18.34 ng

RT: 3.20 min Scan# 97

Delta R.T. -0.08 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Instrument :

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ClientSampleId :

TE-PMW-11SMS

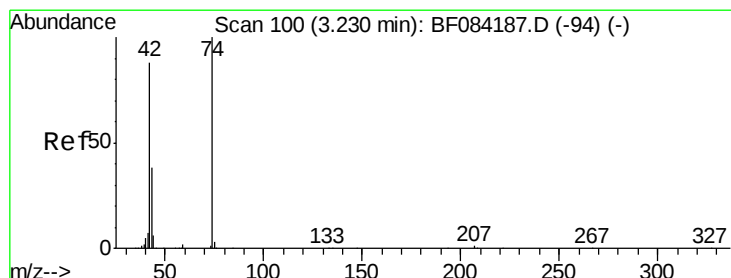
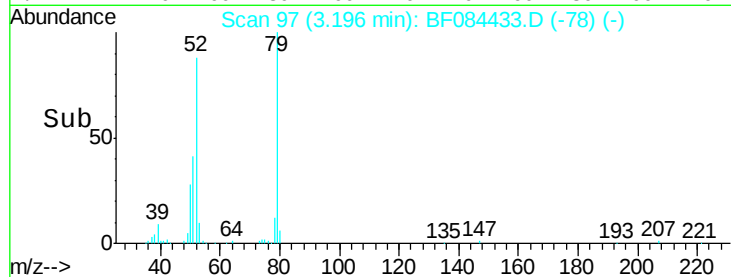
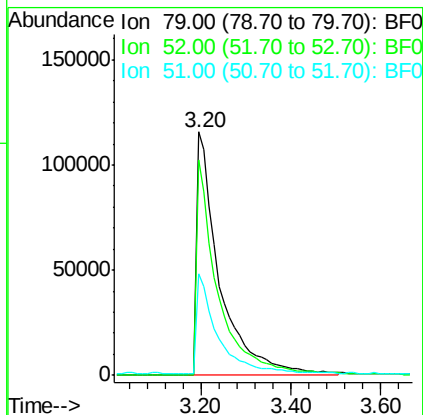
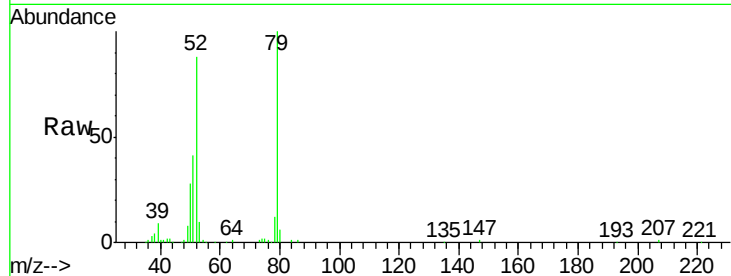
Tgt Ion: 79 Resp: 413527

Ion Ratio Lower Upper

79 100

52 88.4 49.0 73.4#

51 41.5 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 18.69 ng

RT: 3.12 min Scan# 90

Delta R.T. -0.11 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

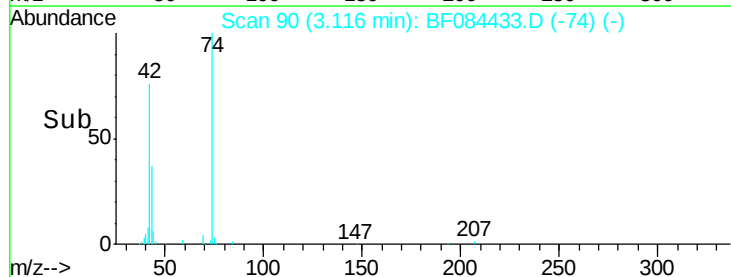
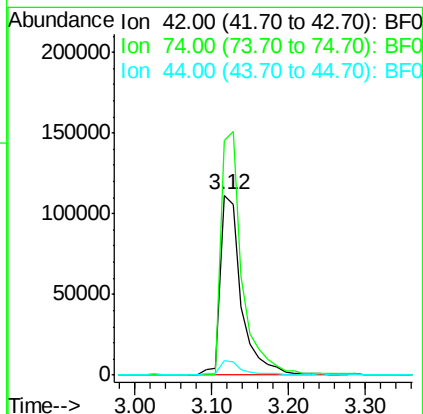
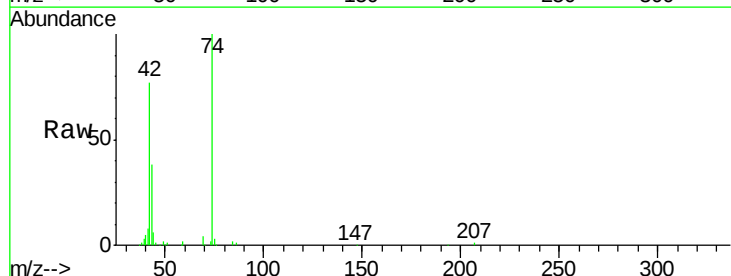
Tgt Ion: 42 Resp: 216372

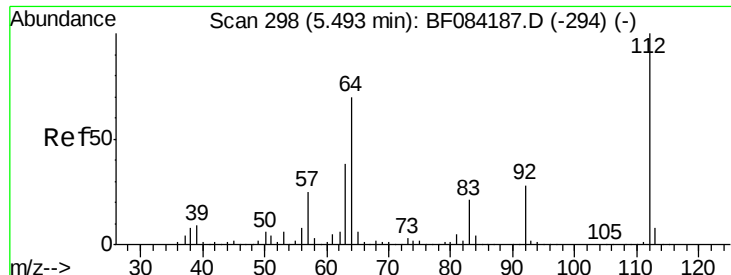
Ion Ratio Lower Upper

42 100

74 130.4 115.7 173.5

44 8.0 5.1 7.7#





#5

2-Fluorophenol

Concen: 72.07 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.04 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

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ClientSampleId :

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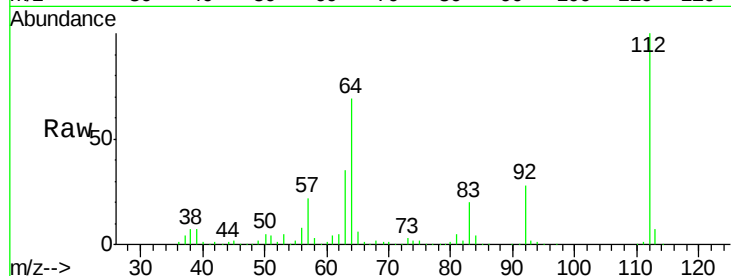
Tgt Ion: 112 Resp: 1230565

Ion Ratio Lower Upper

112 100

64 69.3 36.6 55.0#

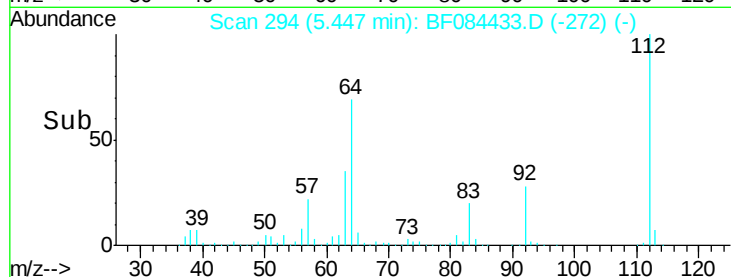
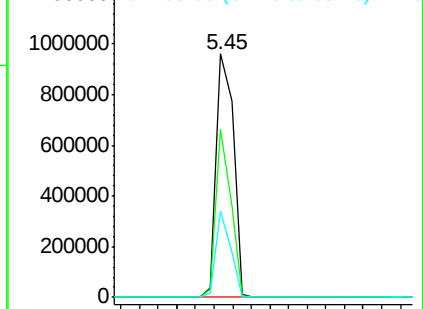
63 35.4 19.4 29.0#



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: 20.74 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

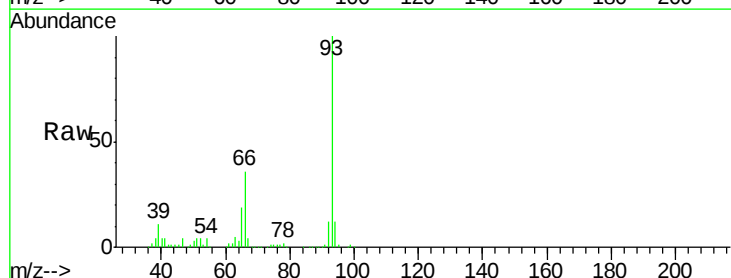
Tgt Ion: 93 Resp: 650608

Ion Ratio Lower Upper

93 100

66 36.4 44.9 67.3#

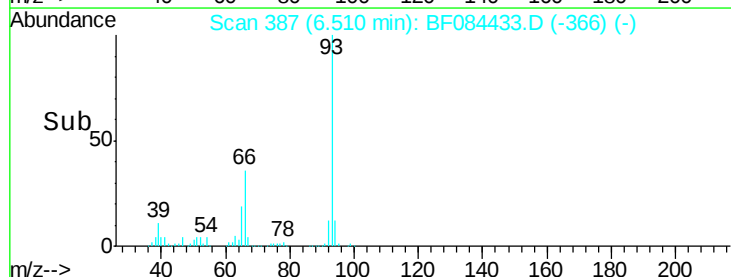
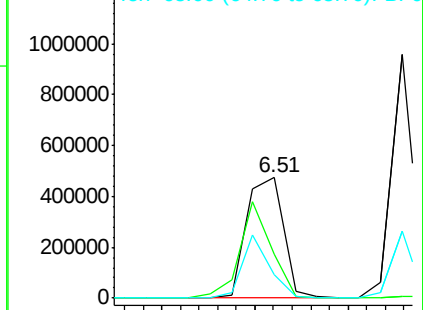
65 19.0 23.7 35.5#

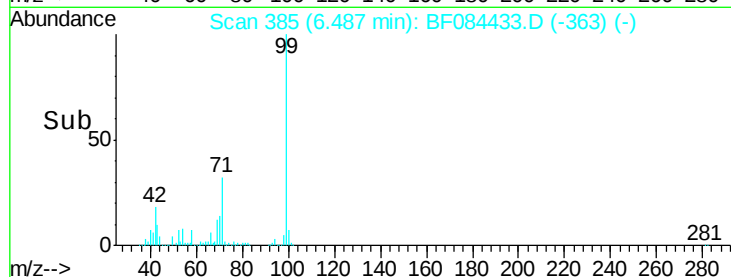
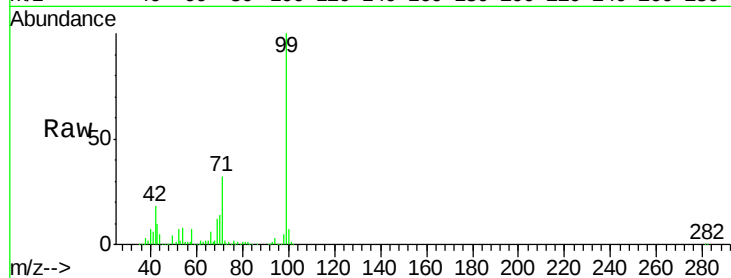
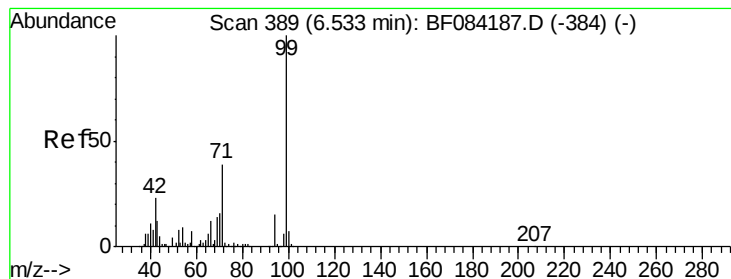


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 52.49 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

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ClientSampleId :

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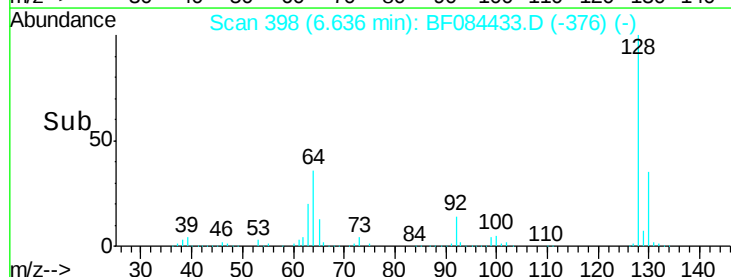
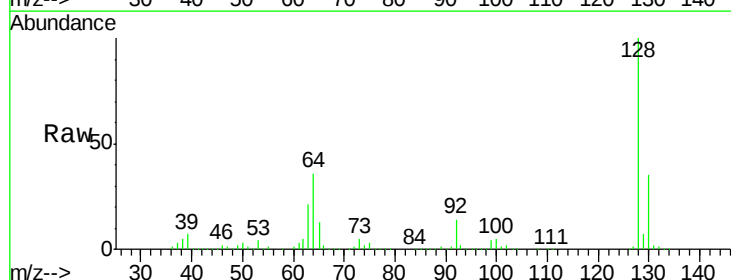
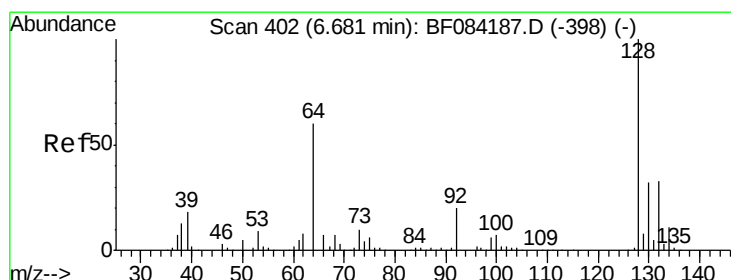
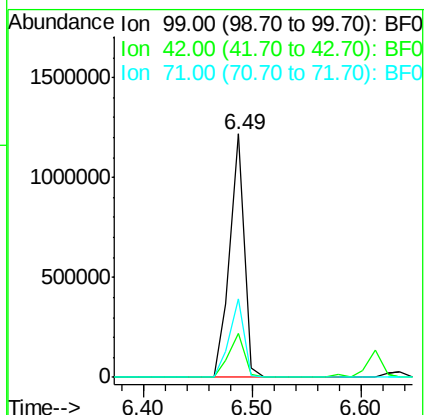
Tgt Ion: 99 Resp: 1125591

Ion Ratio Lower Upper

99 100

42 18.0 12.8 19.2

71 32.4 30.9 46.3



#8

2-Chlorophenol

Concen: 36.41 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

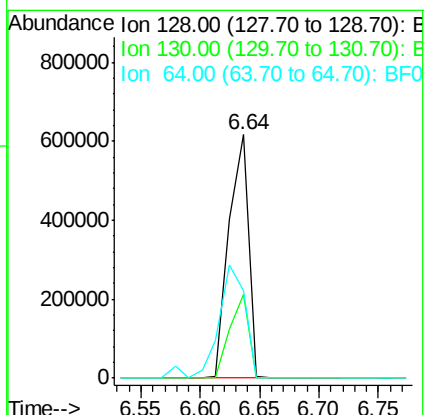
Tgt Ion: 128 Resp: 705467

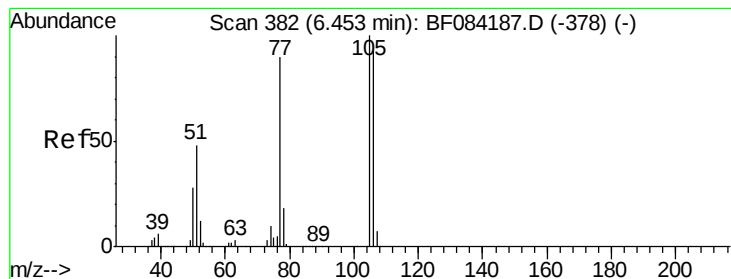
Ion Ratio Lower Upper

128 100

130 34.5 11.6 51.6

64 35.7 23.8 63.8





#9

Benzaldehyde

Concen: 13.34 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.07 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMS

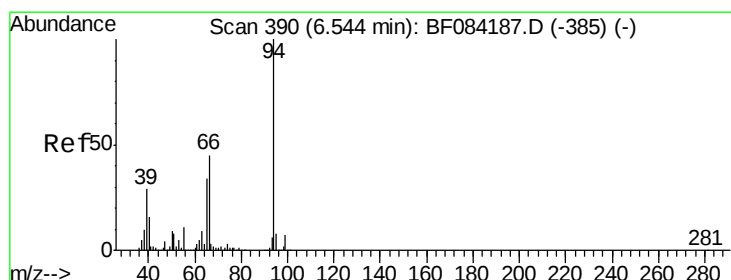
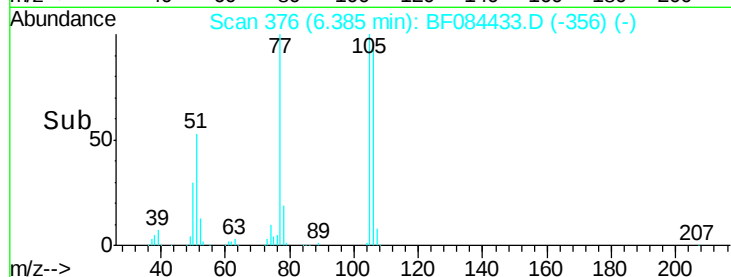
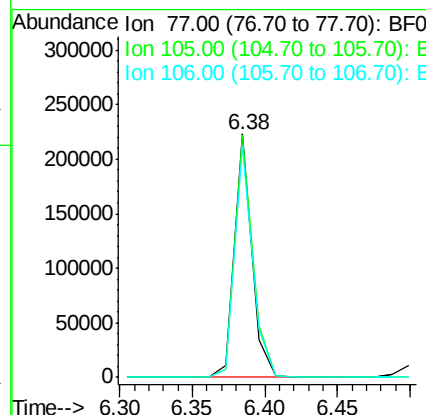
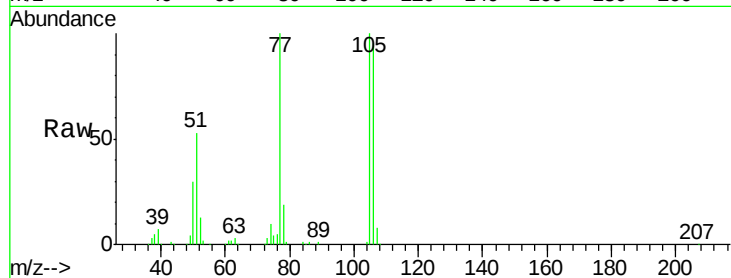
Tgt Ion: 77 Resp: 186267

Ion Ratio Lower Upper

77 100

105 99.5 83.0 123.0

106 94.6 74.6 114.6



#10

Phenol

Concen: 19.54 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.05 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

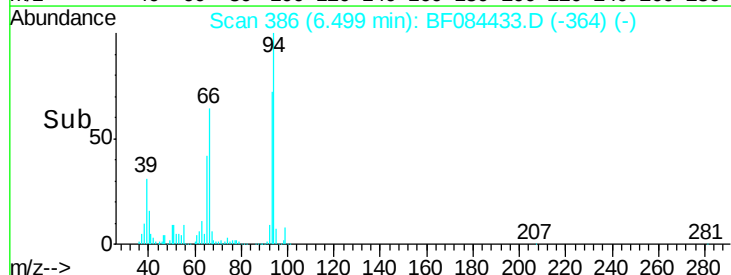
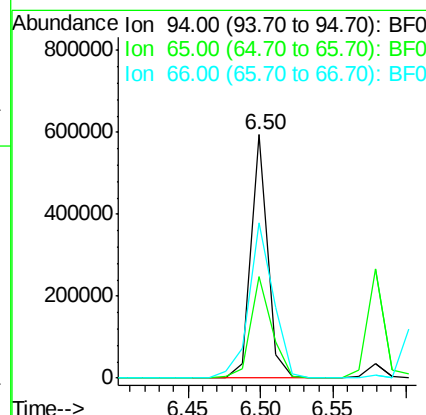
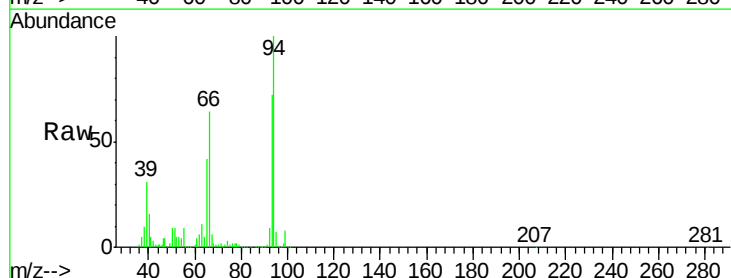
Tgt Ion: 94 Resp: 476447

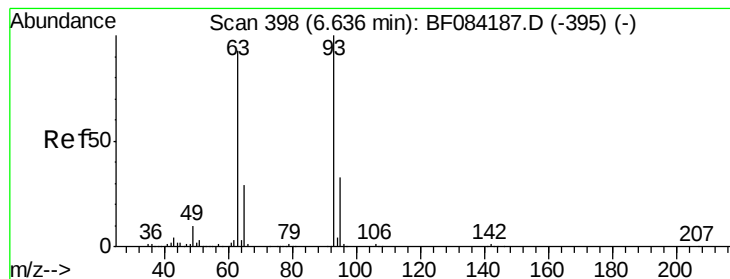
Ion Ratio Lower Upper

94 100

65 41.8 12.9 52.9

66 63.9 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 40.70 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

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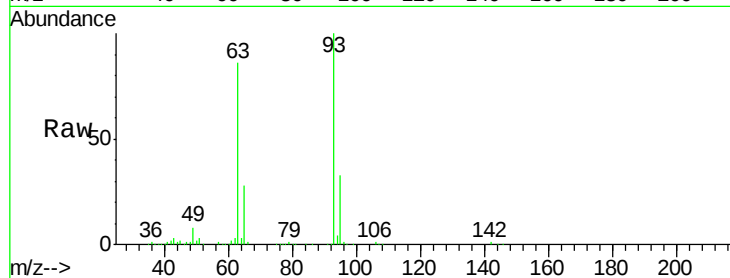
Tgt Ion: 93 Resp: 768807

Ion Ratio Lower Upper

93 100

63 85.5 45.9 85.9

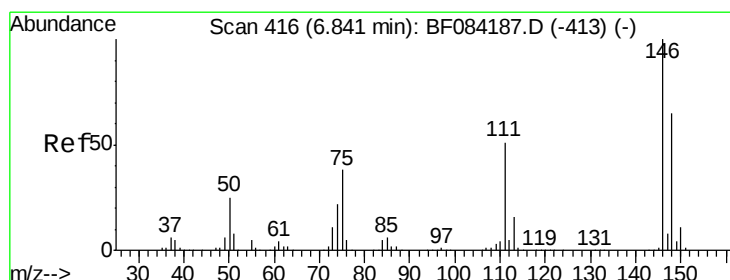
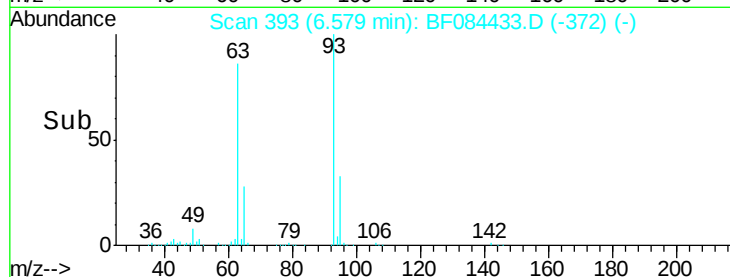
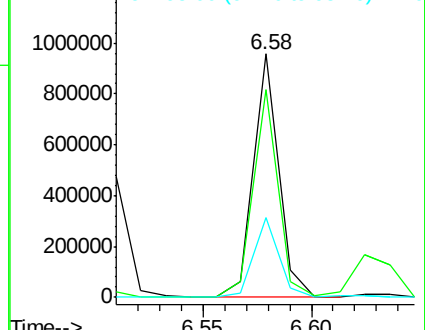
95 32.9 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.79 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

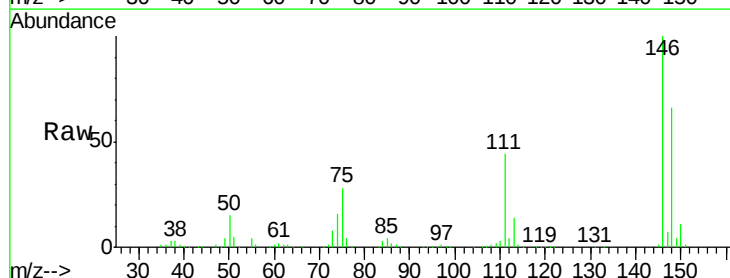
Tgt Ion: 146 Resp: 815177

Ion Ratio Lower Upper

146 100

148 65.7 51.9 77.9

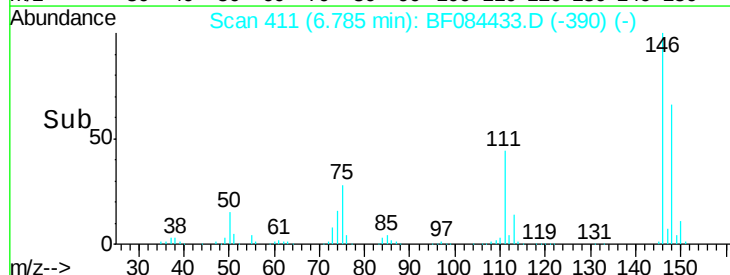
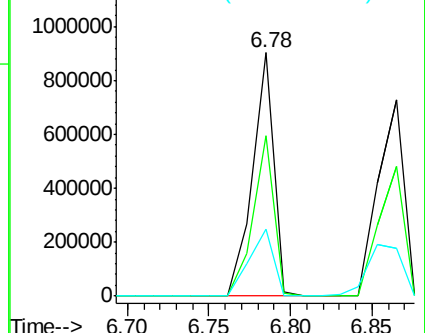
75 27.6 20.5 30.7

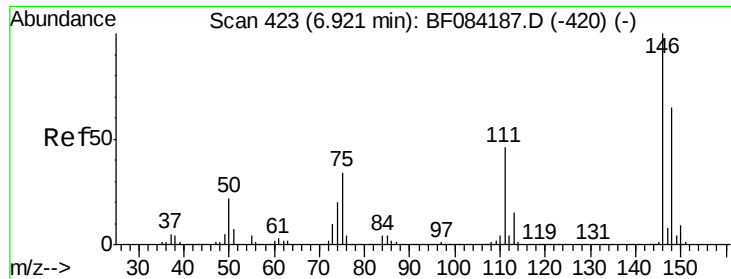


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

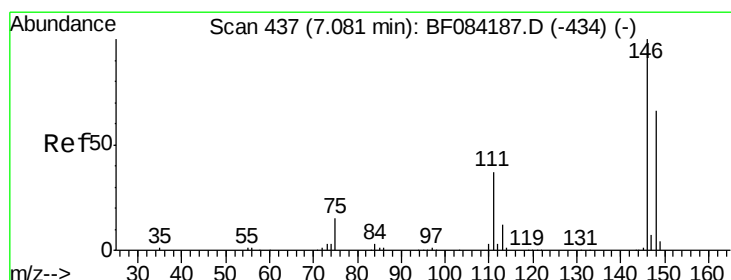
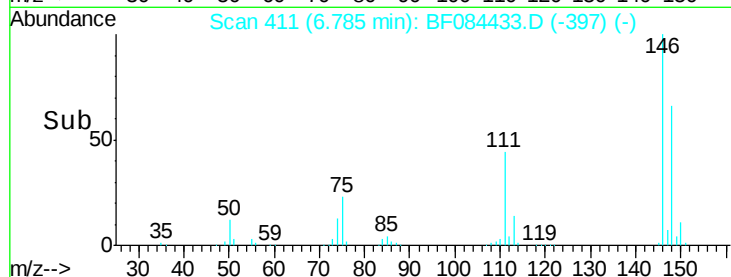
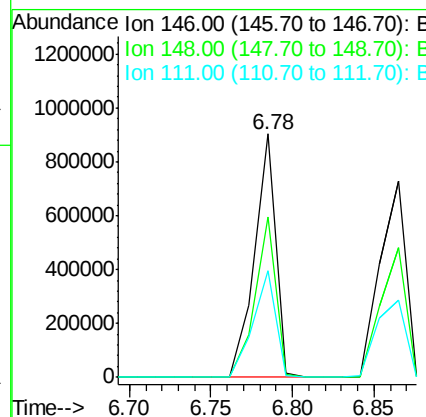
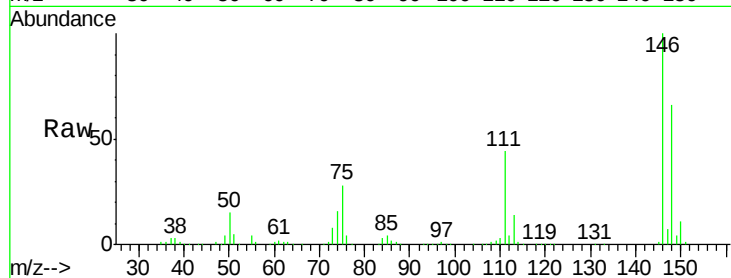




#13
 1,4-Dichlorobenzene
 Concen: 40.68 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.14 min
 Lab File: BF084433.D
 Acq: 13 Jan 2016 2:24

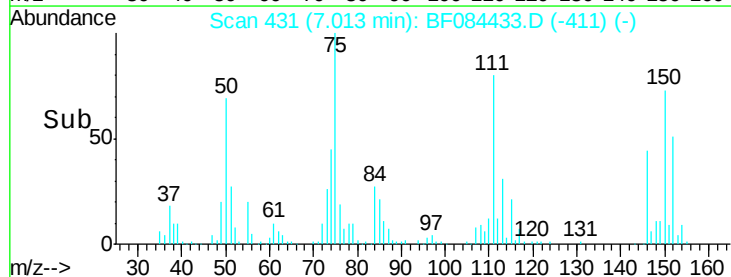
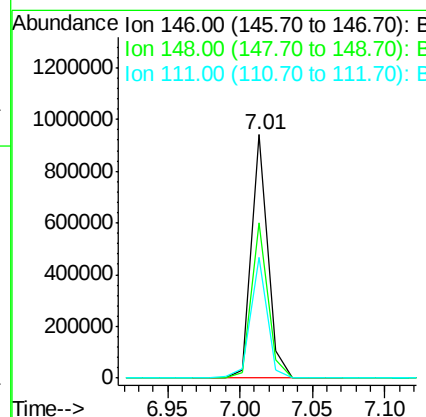
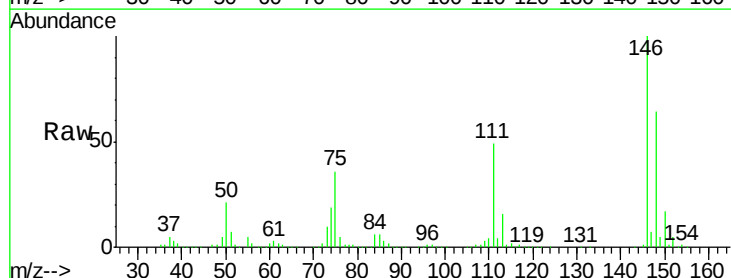
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMS

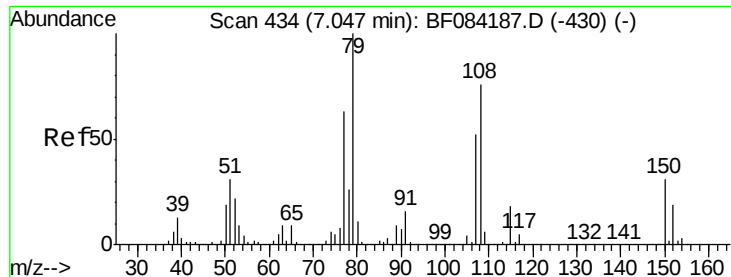
Tgt Ion:146 Resp: 815177
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.9 77.9
 111 43.8 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 38.73 ng
 RT: 7.01 min Scan# 431
 Delta R.T. -0.07 min
 Lab File: BF084433.D
 Acq: 13 Jan 2016 2:24

Tgt Ion:146 Resp: 743402
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.6 77.4
 111 49.3 38.0 57.0





#15

Benzyl Alcohol

Concen: 29.37 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMS

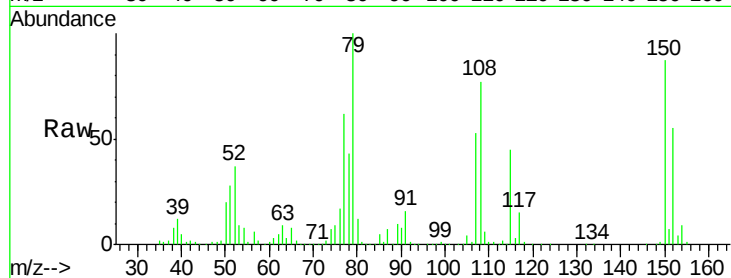
Tgt Ion: 79 Resp: 529773

Ion Ratio Lower Upper

79 100

108 77.0 69.0 103.4

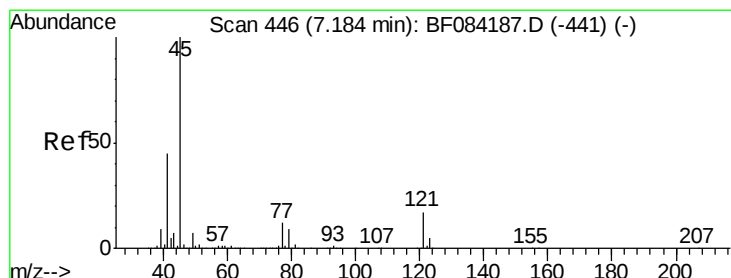
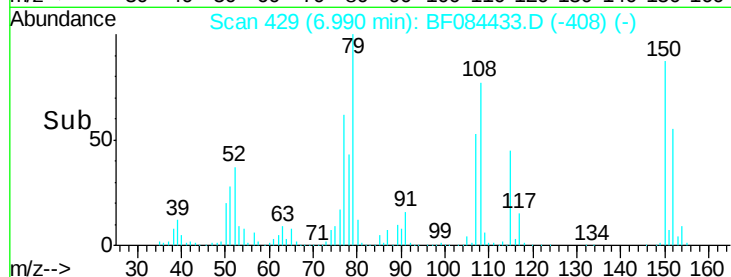
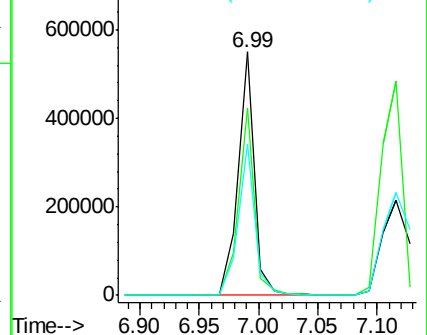
77 62.4 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.07 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

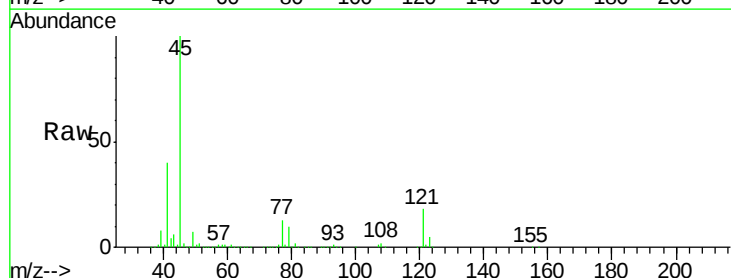
Tgt Ion: 45 Resp: 1343706

Ion Ratio Lower Upper

45 100

77 12.8 0.0 39.6

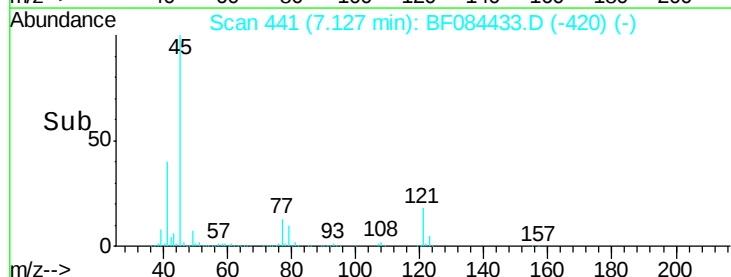
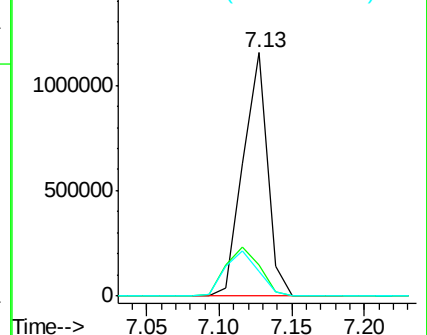
79 10.1 0.0 35.0

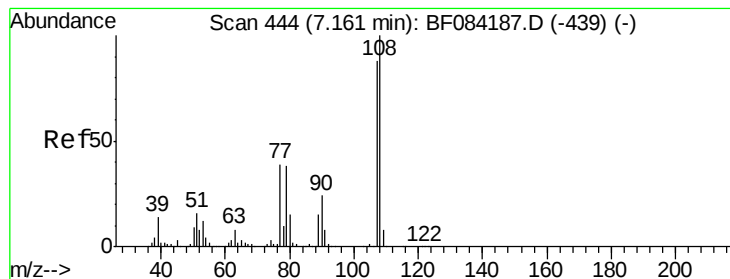


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 31.97 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.05 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMS

Tgt Ion:107 Resp: 519043

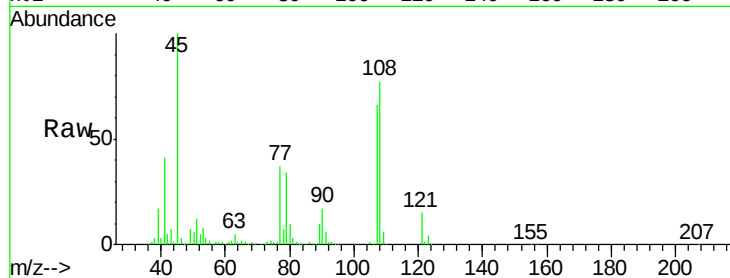
Ion Ratio Lower Upper

107 100

108 116.1 89.8 134.6

77 55.5 35.7 53.5#

79 51.7 35.7 53.5

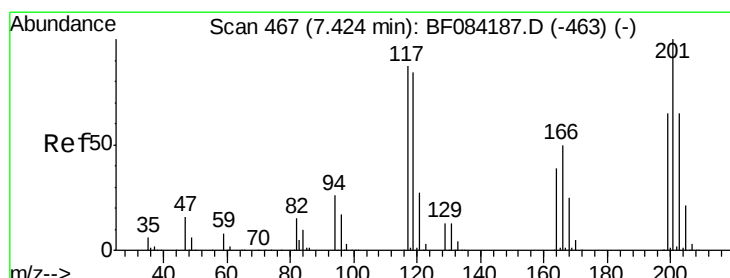
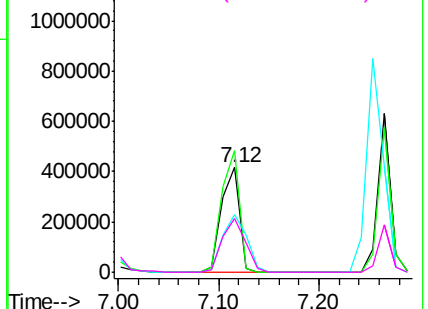
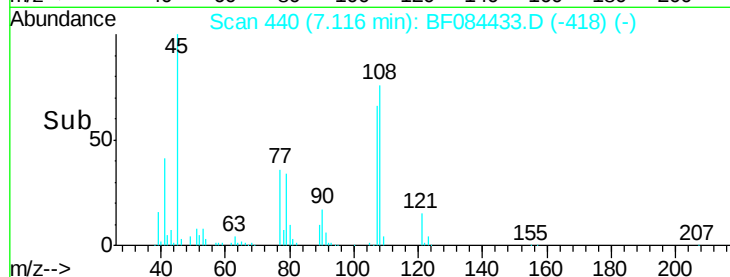


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.67 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.07 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

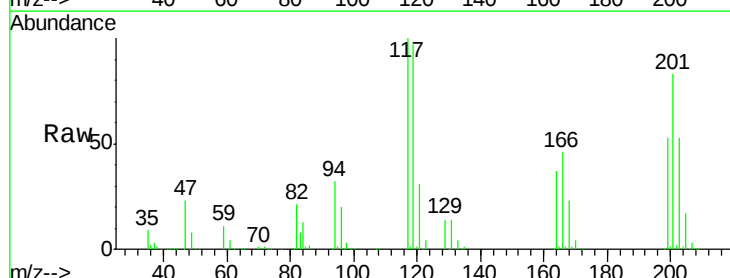
Tgt Ion:117 Resp: 301876

Ion Ratio Lower Upper

117 100

119 96.9 77.4 116.0

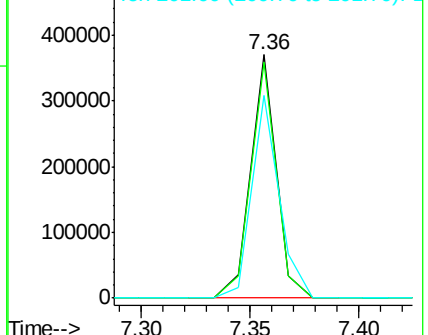
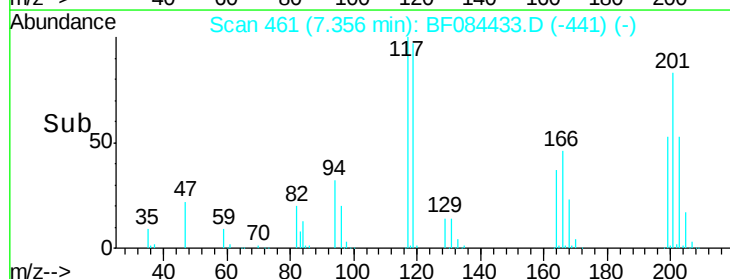
201 83.2 68.6 103.0

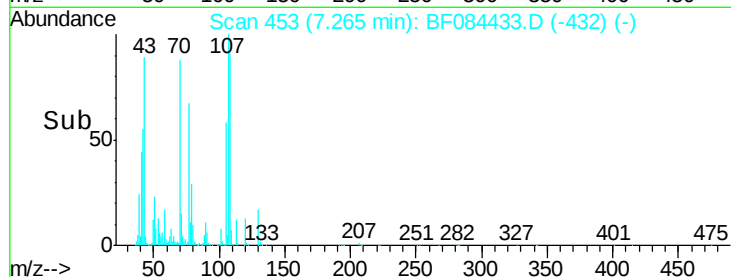
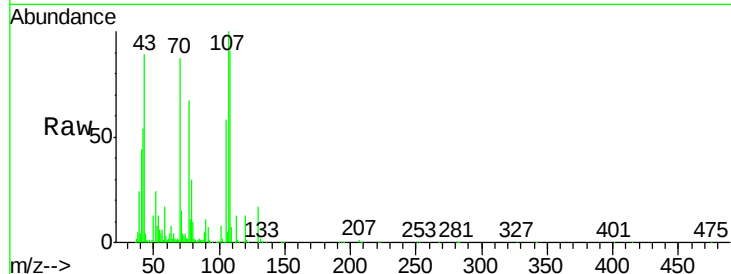
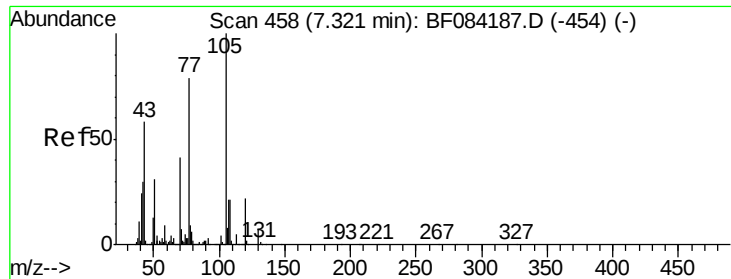


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

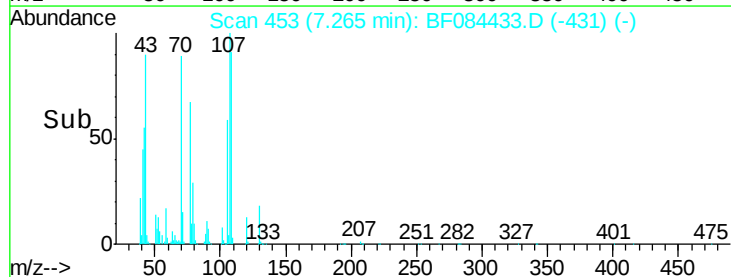
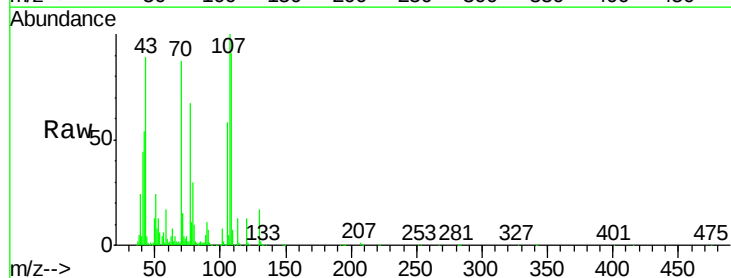
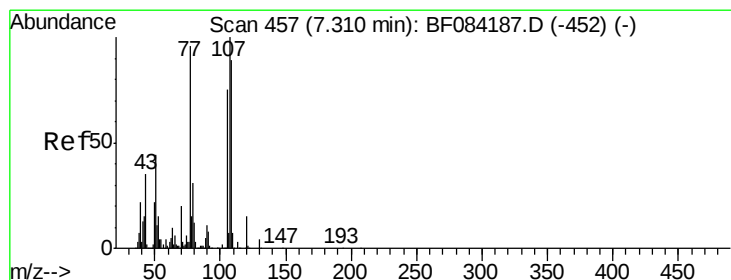
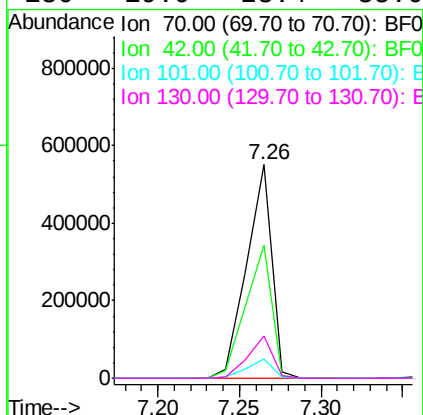




#19
n-Nitroso-di-n-propylamine
Concen: 40.65 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.06 min
Lab File: BF084433.D
Acq: 13 Jan 2016 2:24

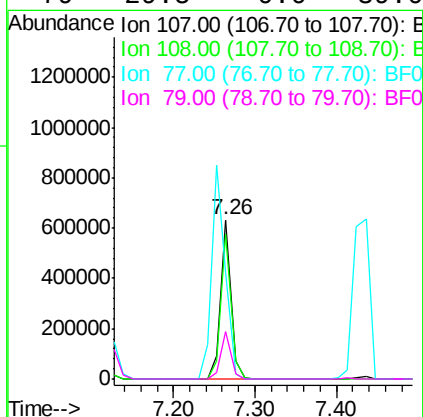
Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.3	33.3	49.9#
101	9.1	9.3	13.9#
130	19.9	23.4	35.0#



#20
3+4-Methylphenols
Concen: 29.03 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.05 min
Lab File: BF084433.D
Acq: 13 Jan 2016 2:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.4	74.6	114.6
77	67.0	0.7	40.7#
79	29.5	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMS

Tgt Ion:136 Resp: 1069335

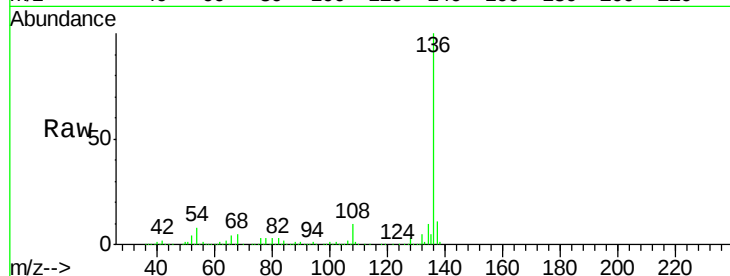
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.7 5.8 8.8

68 5.3 4.2 6.2

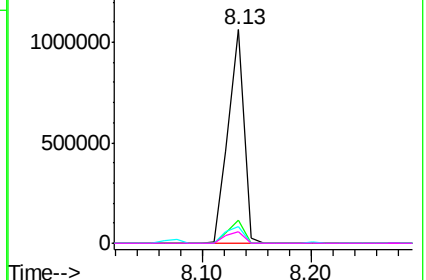
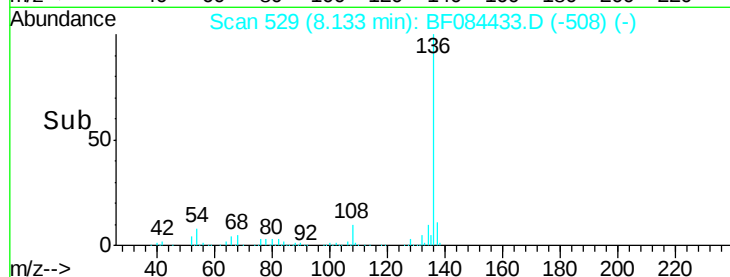


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.00 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.07 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Tgt Ion:105 Resp: 1080033

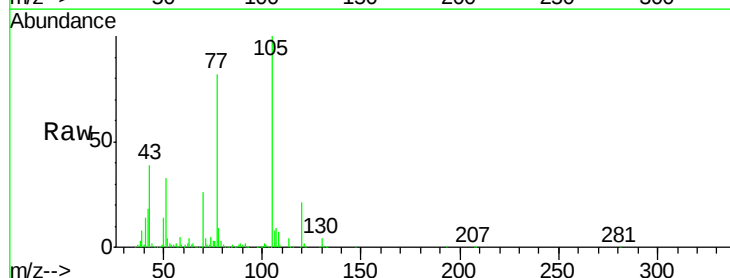
Ion Ratio Lower Upper

105 100

71 4.3 3.7 5.5

51 33.2 25.1 37.7

120 21.0 16.6 25.0

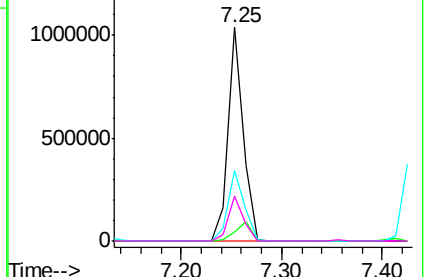
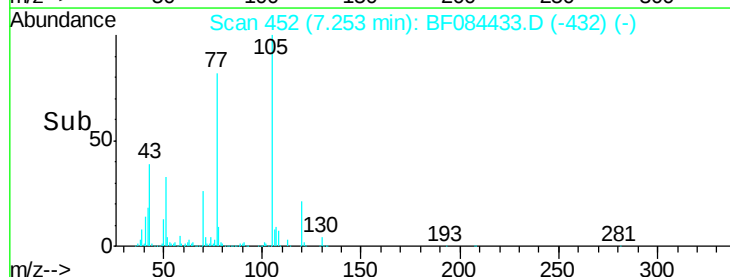


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

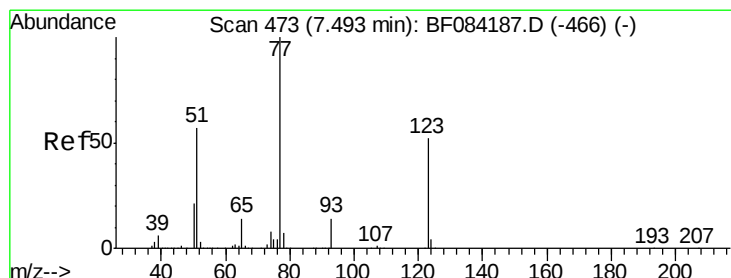
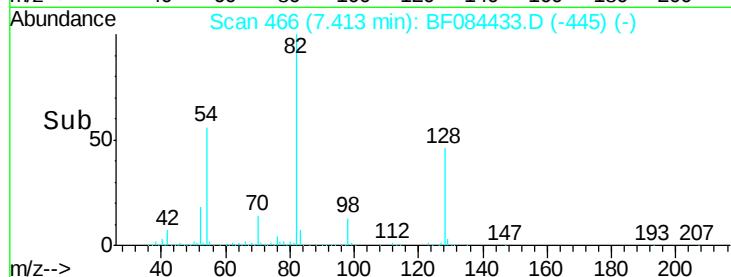
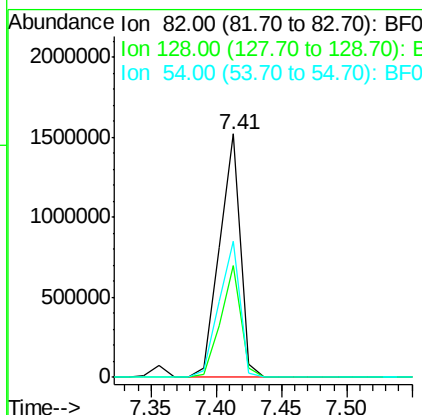
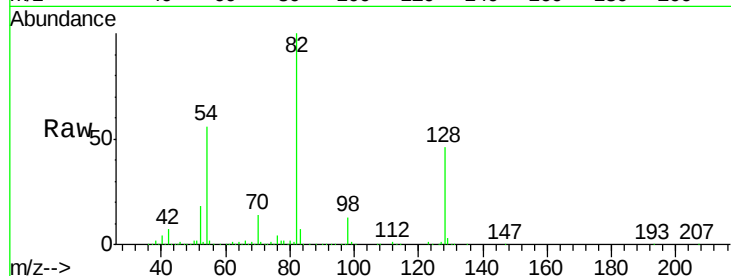




#23
 Nitrobenzene-d5
 Concen: 88.41 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.06 min
 Lab File: BF084433.D
 Acq: 13 Jan 2016 2:24

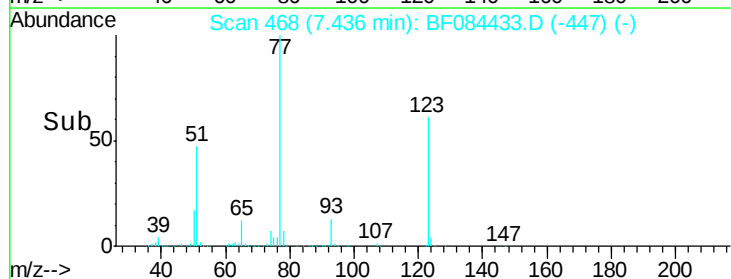
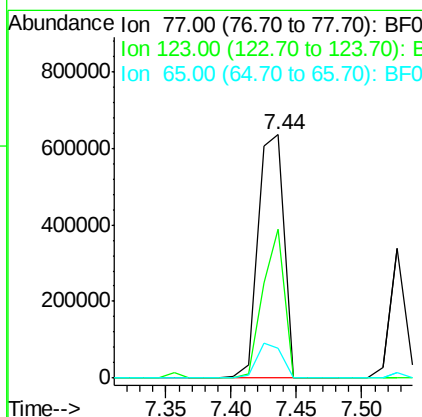
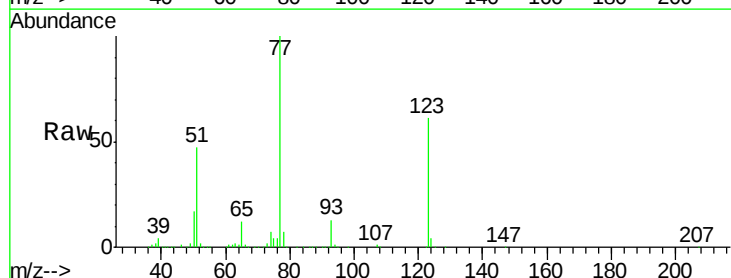
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMS

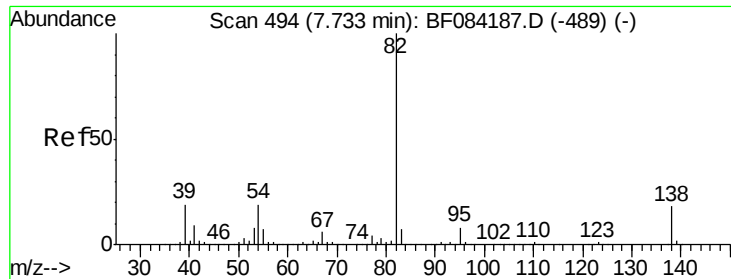
Tgt Ion: 82 Resp: 1698692
 Ion Ratio Lower Upper
 82 100
 128 45.8 34.6 51.8
 54 55.7 38.4 57.6



#24
 Nitrobenzene
 Concen: 45.05 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.06 min
 Lab File: BF084433.D
 Acq: 13 Jan 2016 2:24

Tgt Ion: 77 Resp: 877814
 Ion Ratio Lower Upper
 77 100
 123 61.1 37.4 56.2#
 65 12.5 10.9 16.3





#25

Isophorone

Concen: 44.82 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMS

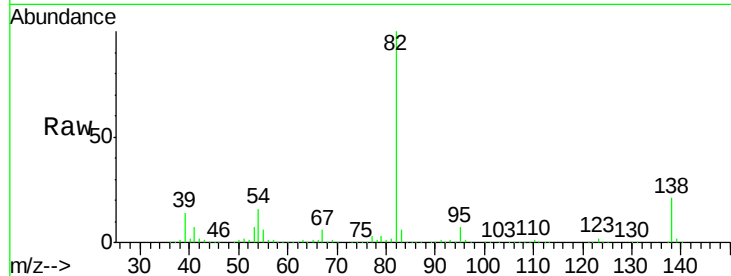
Tgt Ion: 82 Resp: 1646855

Ion Ratio Lower Upper

82 100

95 7.4 6.6 10.0

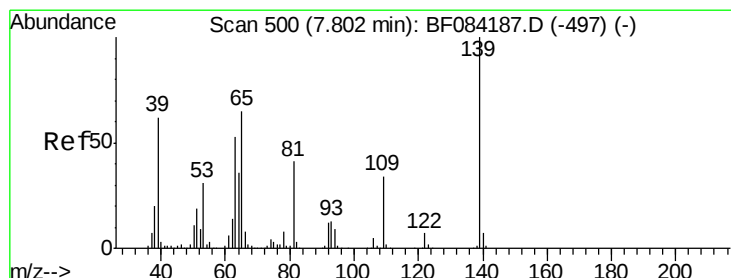
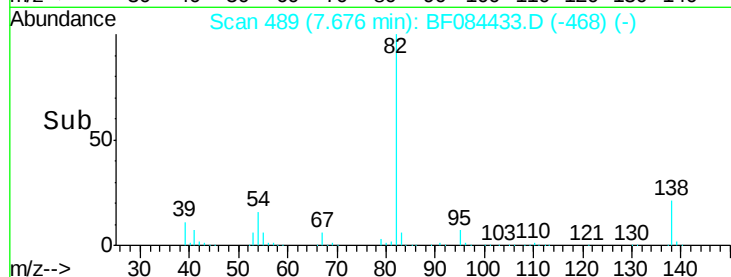
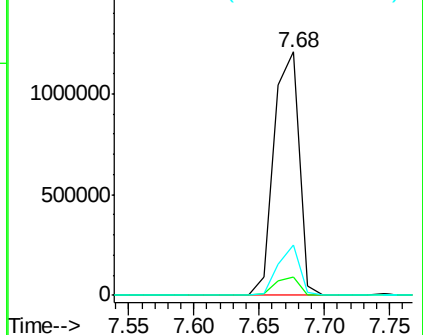
138 20.7 13.6 20.4#



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: 45.42 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

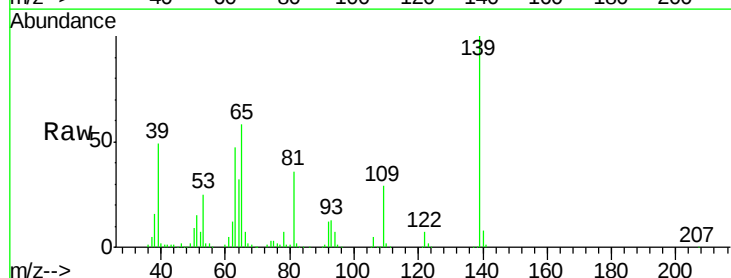
Tgt Ion: 139 Resp: 402803

Ion Ratio Lower Upper

139 100

109 29.4 25.4 38.2

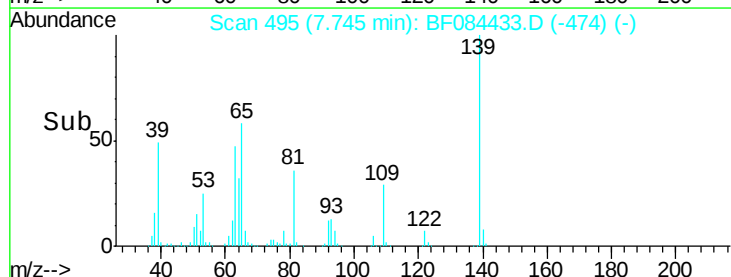
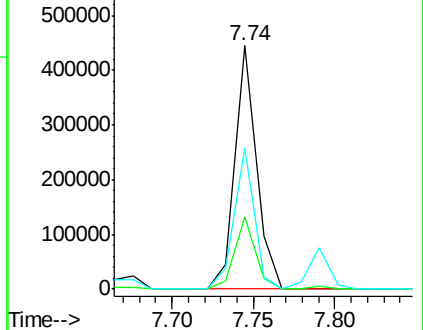
65 58.0 32.3 48.5#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

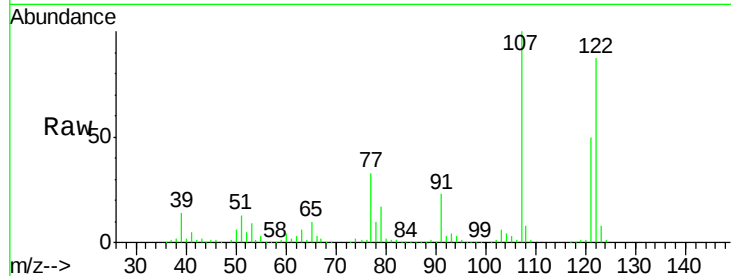




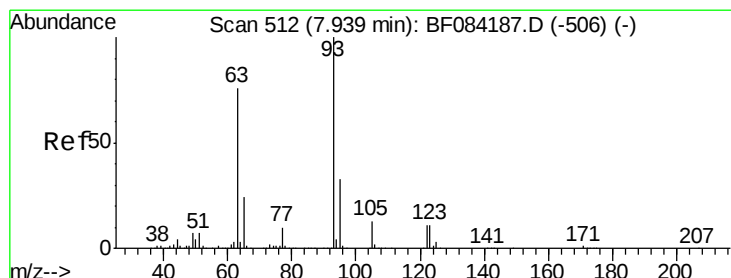
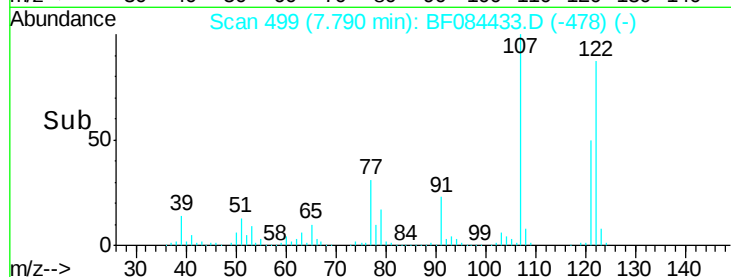
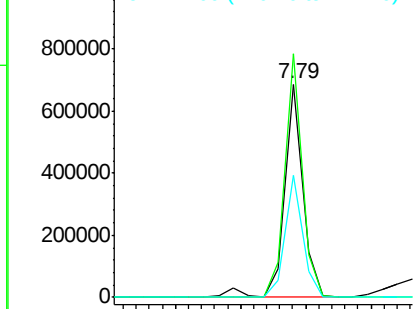
#27
2,4-Dimethylphenol
Concen: 37.11 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.06 min
Lab File: BF084433.D
Acq: 13 Jan 2016 2:24

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMS

Tgt Ion:122 Resp: 666193
Ion Ratio Lower Upper
122 100
107 114.3 99.1 148.7
121 57.6 47.9 71.9

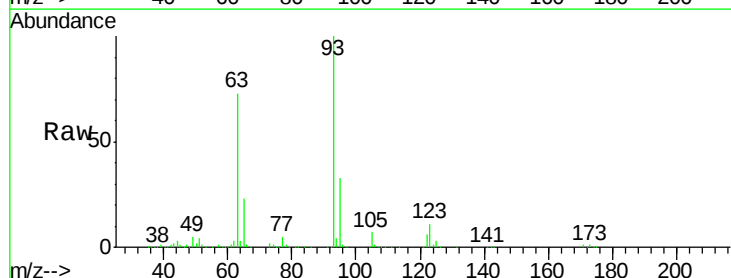


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

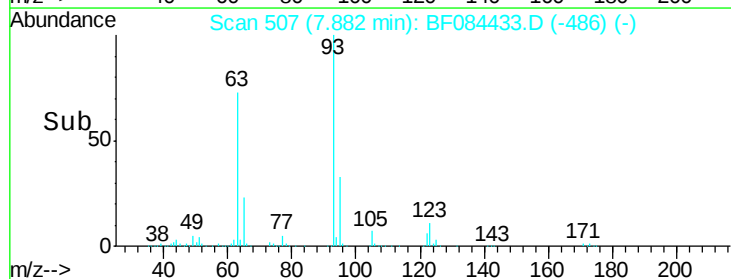
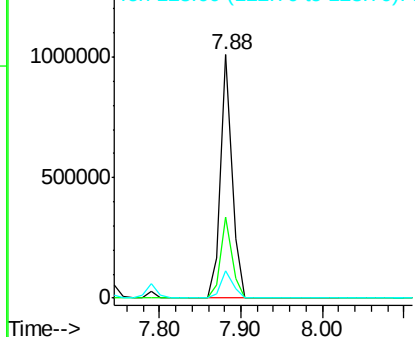


#28
bis(2-Chloroethoxy)methane
Concen: 43.78 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.06 min
Lab File: BF084433.D
Acq: 13 Jan 2016 2:24

Tgt Ion: 93 Resp: 982699
Ion Ratio Lower Upper
93 100
95 33.4 25.8 38.6
123 11.0 8.6 12.8



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: 44.05 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.05 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMS

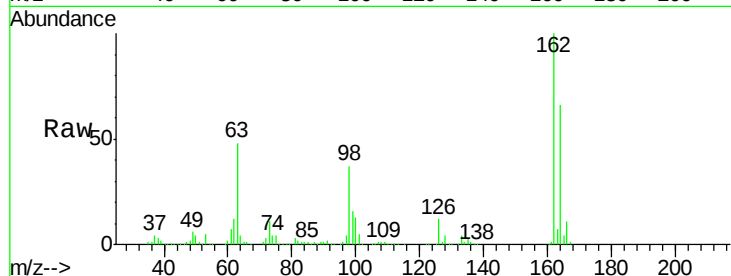
Tgt Ion:162 Resp: 658672

Ion Ratio Lower Upper

162 100

164 66.0 44.1 84.1

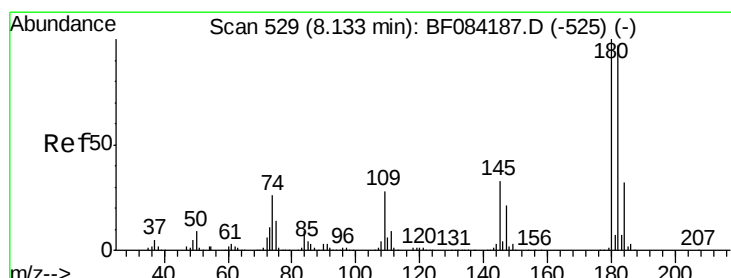
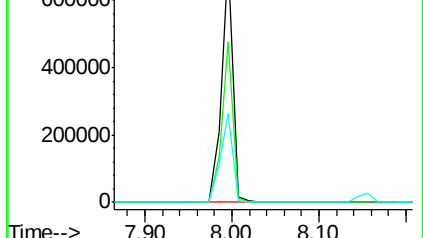
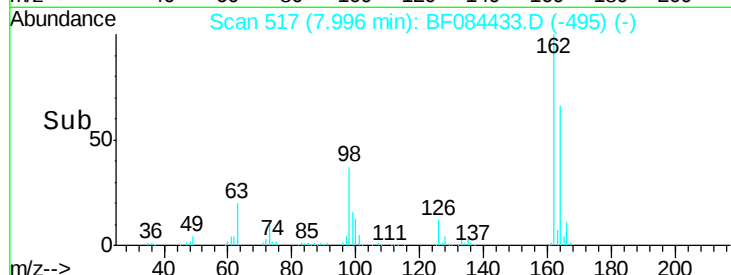
98 36.6 20.2 60.2



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: 45.45 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

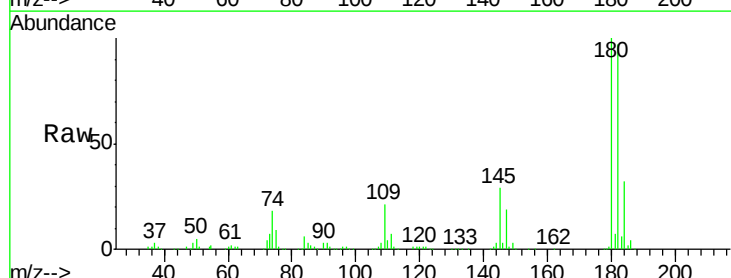
Tgt Ion:180 Resp: 701689

Ion Ratio Lower Upper

180 100

182 96.8 76.4 114.6

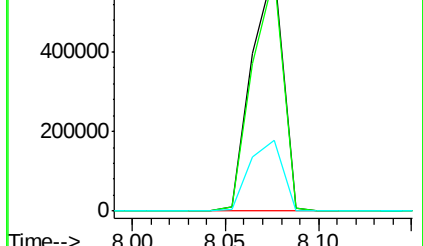
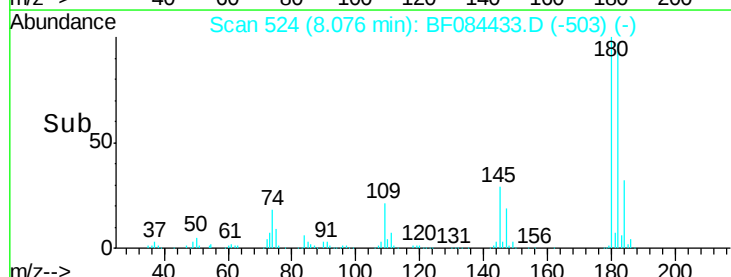
145 29.2 31.6 47.4#

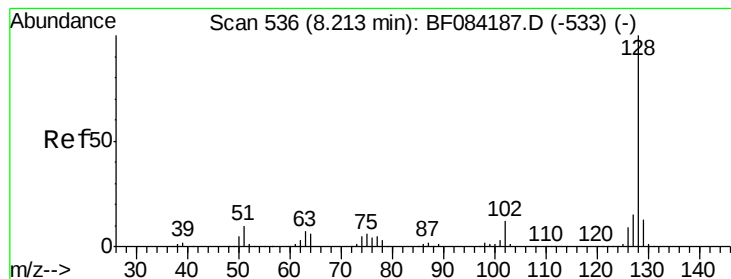


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 47.60 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMS

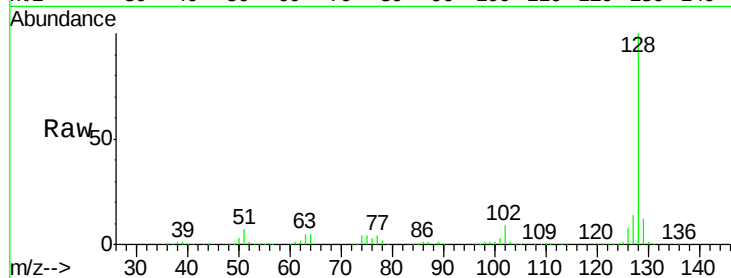
Tgt Ion:128 Resp: 2309565

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

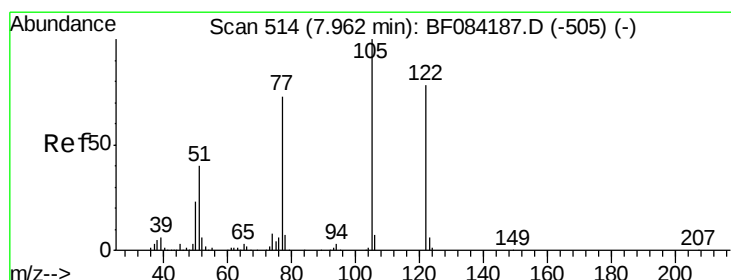
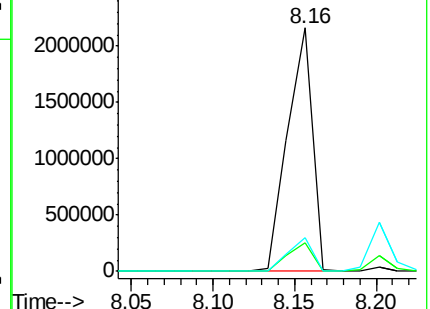
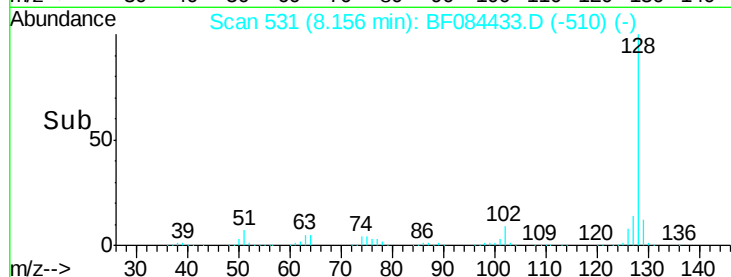
127 14.0 11.1 16.7



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: 16.42 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.08 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

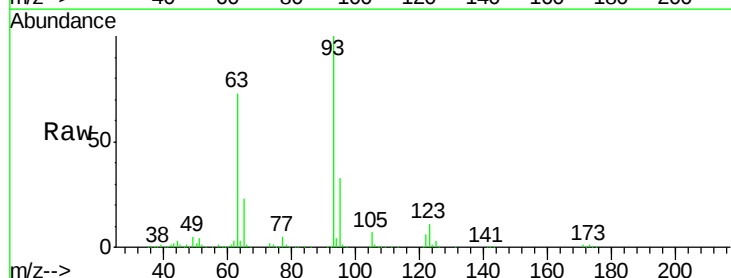
Tgt Ion:122 Resp: 135014

Ion Ratio Lower Upper

122 100

105 120.2 100.3 140.3

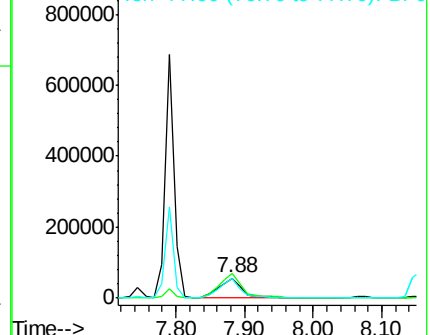
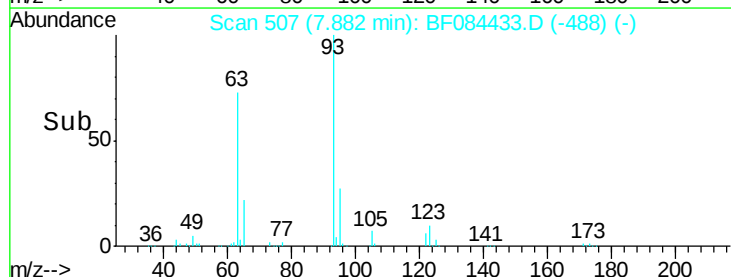
77 94.9 63.5 103.5



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

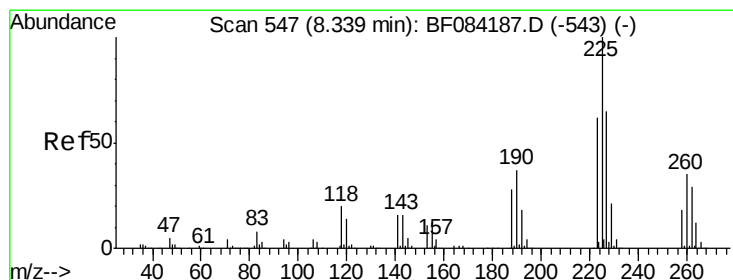
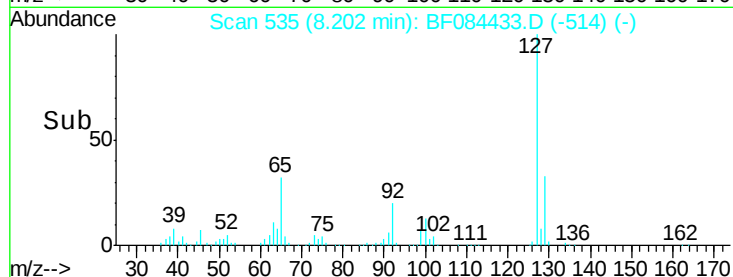
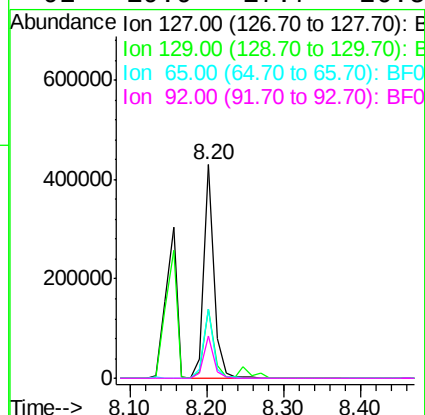
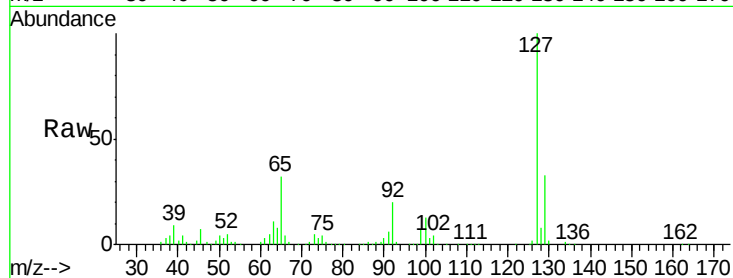




#33
4-Chloroaniline
Concen: 17.61 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF084433.D
Acq: 13 Jan 2016 2:24

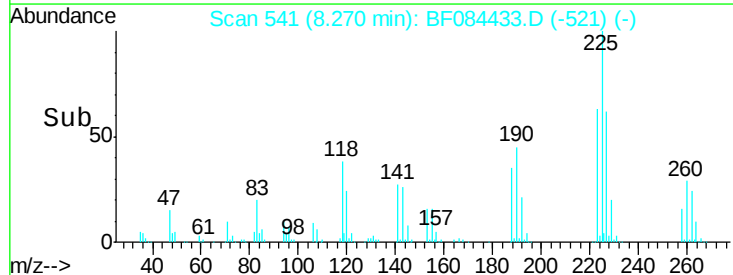
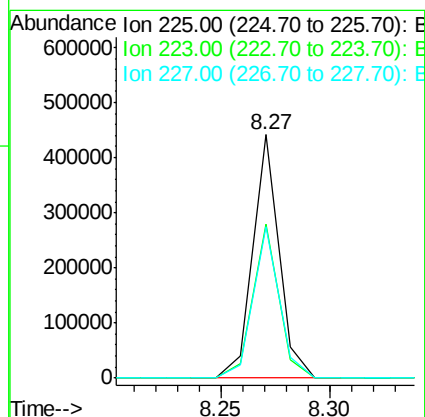
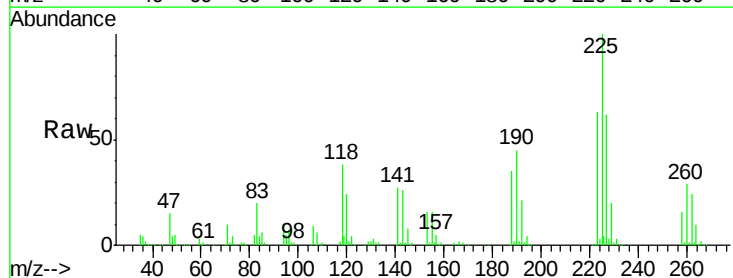
Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMS

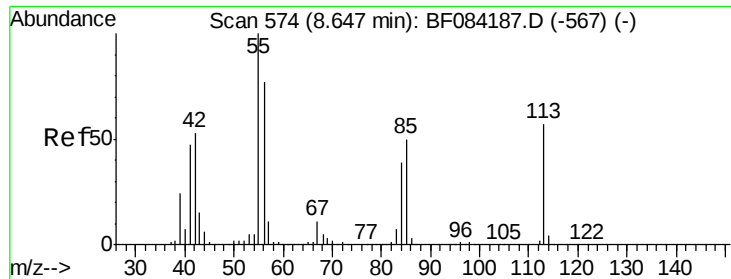
Tgt Ion:	127	Resp:	391738
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.5	39.7
65	32.3	27.2	40.8
92	19.9	17.7	26.5



#34
Hexachlorobutadiene
Concen: 41.68 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.07 min
Lab File: BF084433.D
Acq: 13 Jan 2016 2:24

Tgt Ion:	225	Resp:	369911
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.4	74.0
227	62.1	50.8	76.2

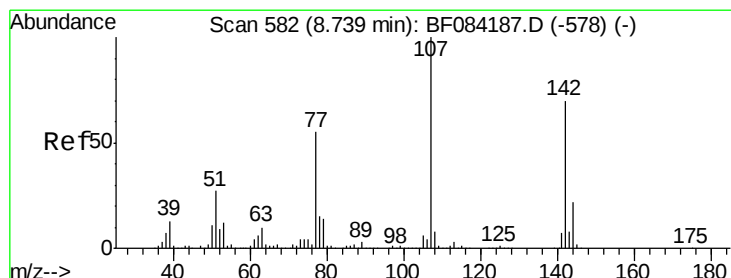
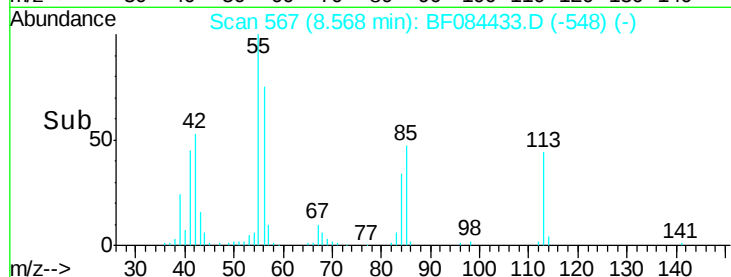
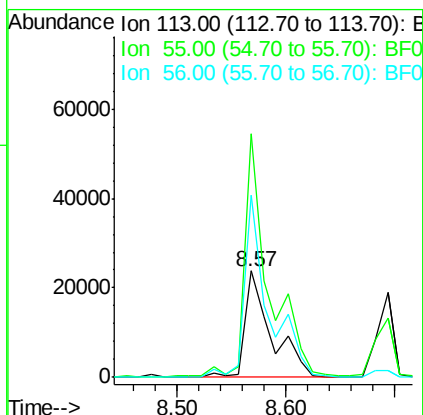
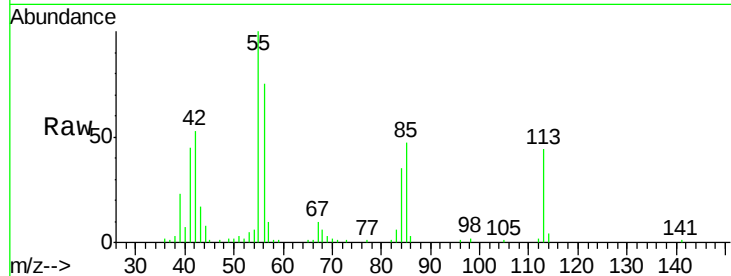




#35
 Caprolactam
 Concen: 7.94 ng
 RT: 8.57 min Scan# 567
 Delta R.T. -0.08 min
 Lab File: BF084433.D
 Acq: 13 Jan 2016 2:24

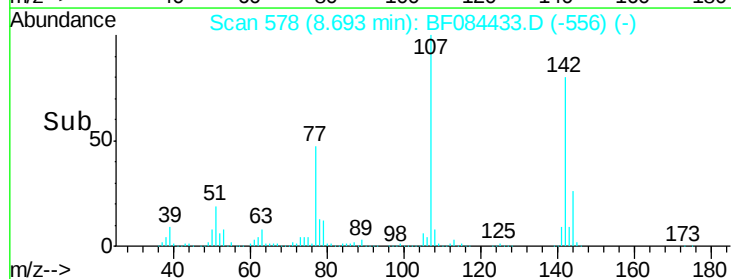
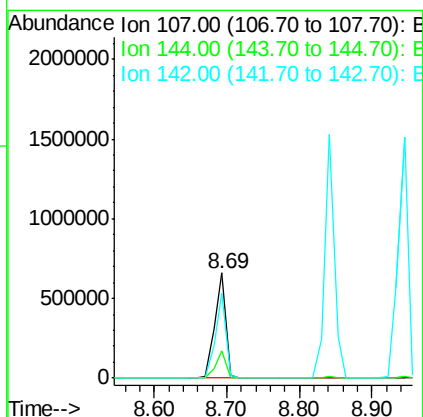
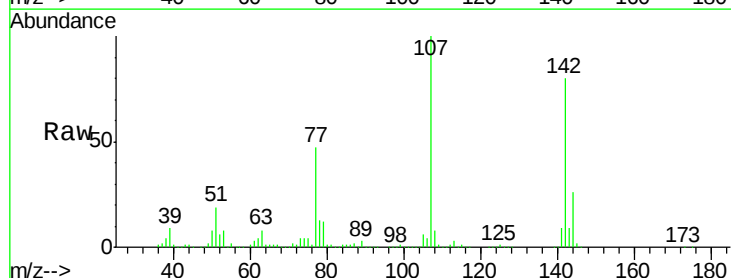
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMS

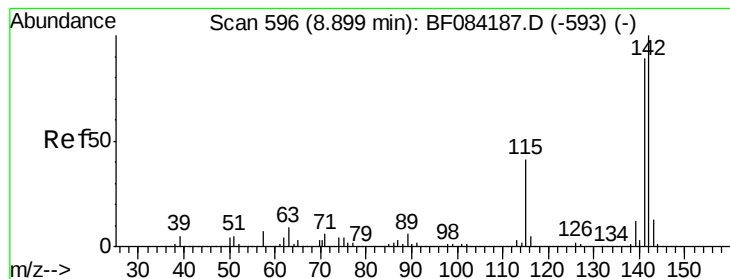
Tgt Ion:113 Resp: 40003
 Ion Ratio Lower Upper
 113 100
 55 228.6 116.9 156.9#
 56 170.6 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 41.00 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.05 min
 Lab File: BF084433.D
 Acq: 13 Jan 2016 2:24

Tgt Ion:107 Resp: 686687
 Ion Ratio Lower Upper
 107 100
 144 26.3 19.7 29.5
 142 80.5 61.8 92.6





#37

2-Methylnaphthalene

Concen: 40.16 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMS

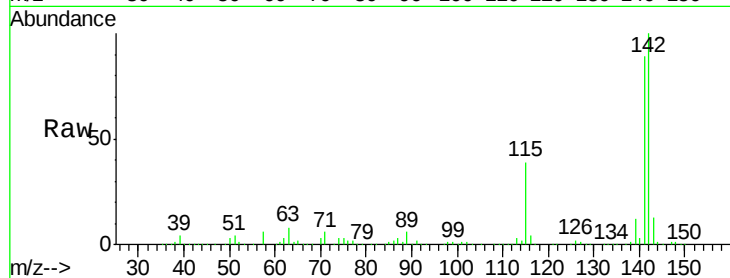
Tgt Ion:142 Resp: 1398520

Ion Ratio Lower Upper

142 100

141 89.2 72.4 108.6

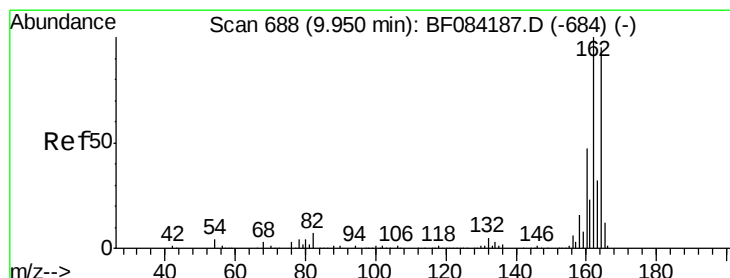
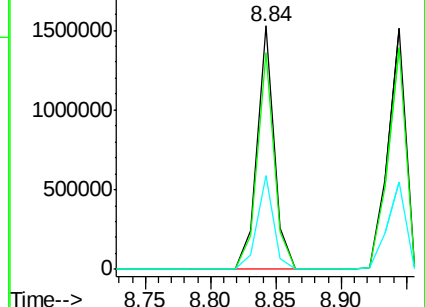
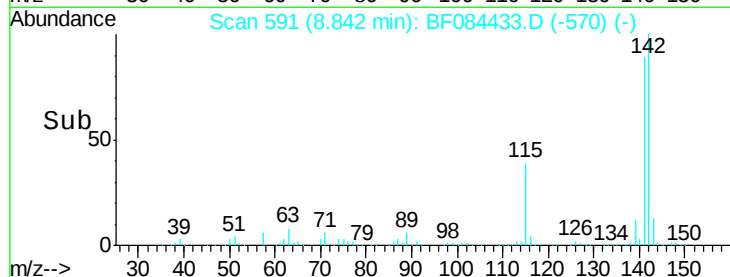
115 38.6 27.9 41.9



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: 9.88 min Scan# 682

Delta R.T. -0.07 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

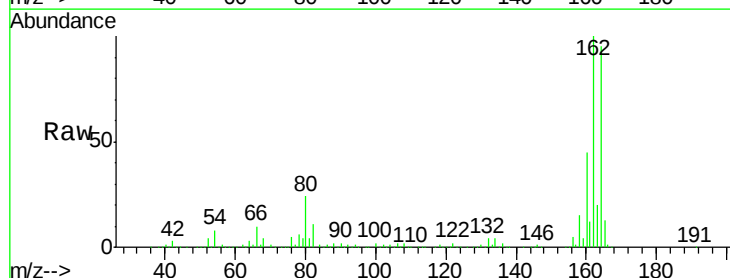
Tgt Ion:164 Resp: 455851

Ion Ratio Lower Upper

164 100

162 104.7 85.1 127.7

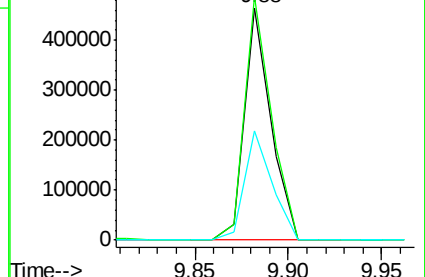
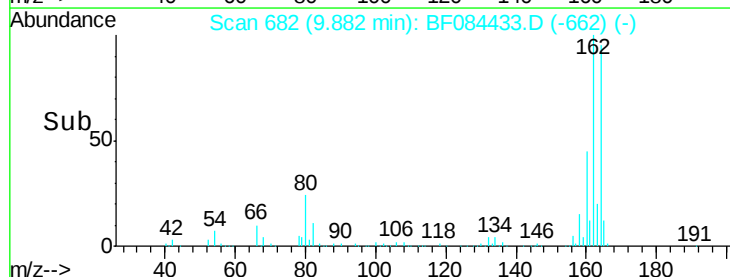
160 47.2 37.5 56.3

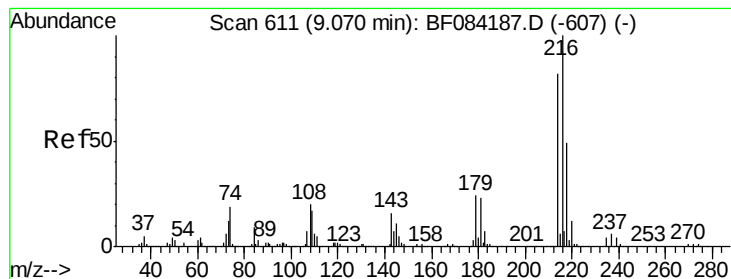


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.33 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMS

Tgt Ion:216 Resp: 646461

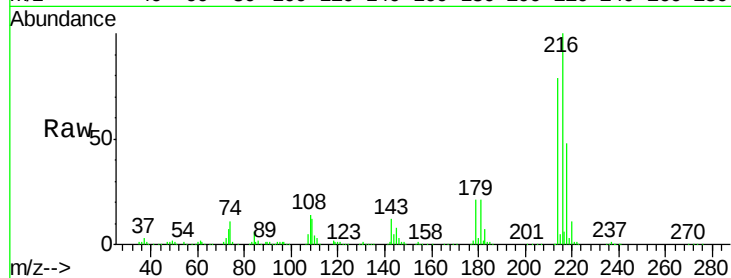
Ion Ratio Lower Upper

216 100

214 78.5 64.2 96.2

179 22.9 18.7 28.1

108 22.2 16.8 25.2

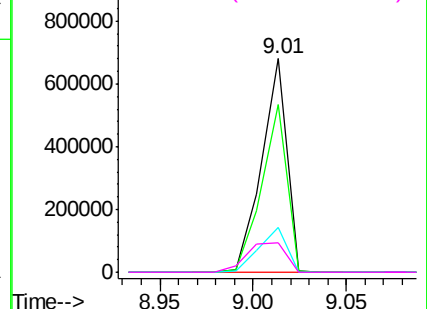
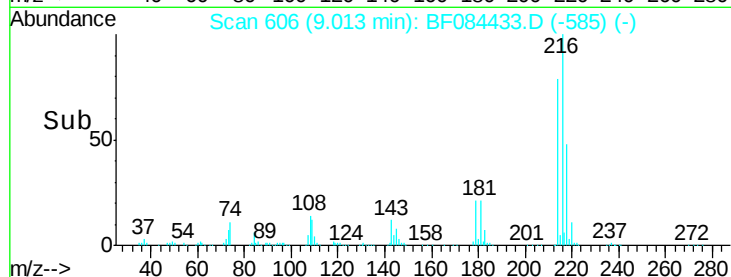


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 81.83 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

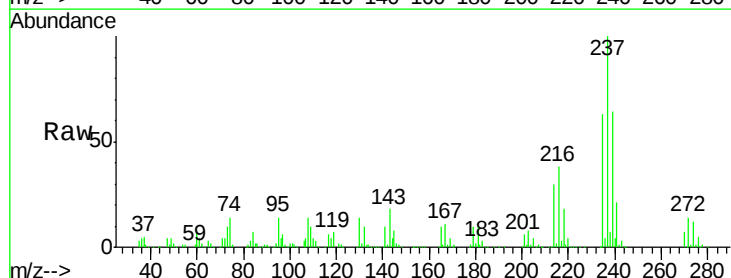
Tgt Ion:237 Resp: 647331

Ion Ratio Lower Upper

237 100

235 63.2 43.1 83.1

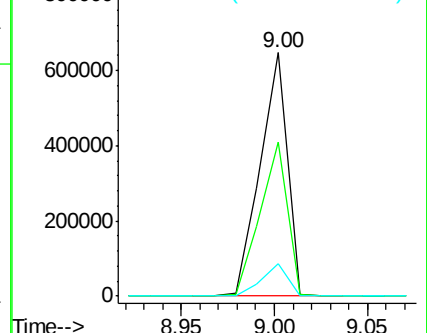
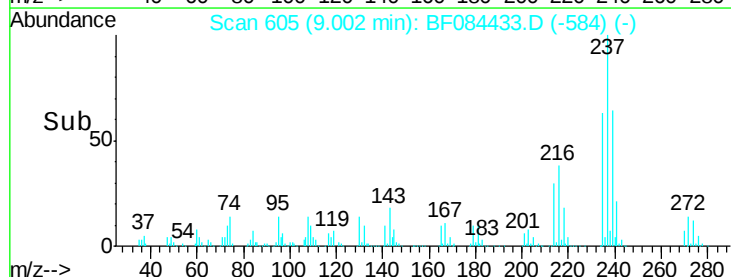
272 13.5 0.0 35.1

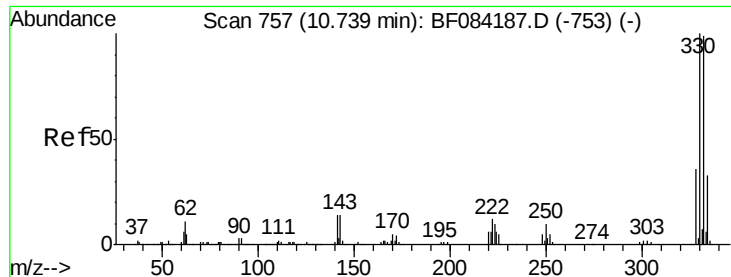


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

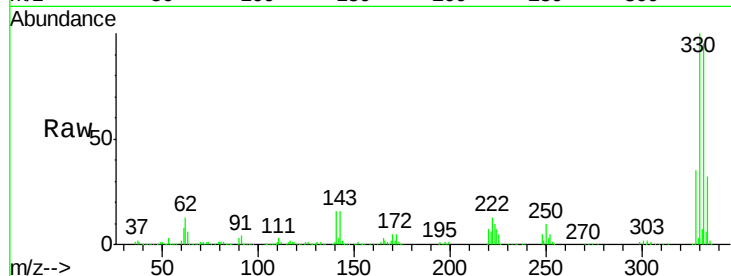




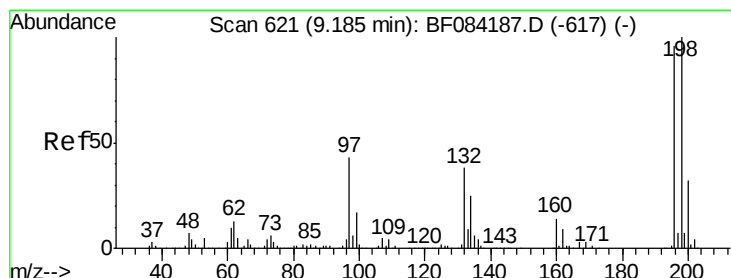
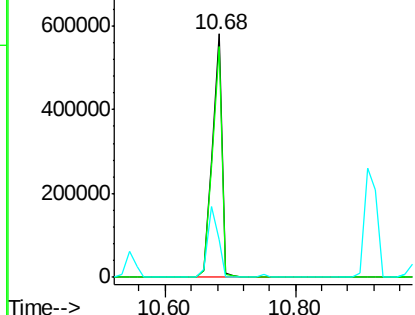
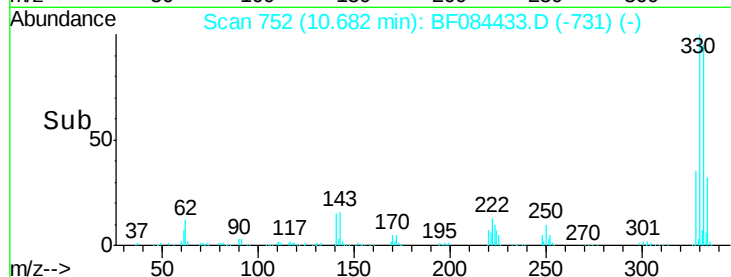
#41
 2,4,6-Tribromophenol
 Concen: 133.38 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF084433.D
 Acq: 13 Jan 2016 2:24

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.6	114.8
141	31.9	27.8	41.6

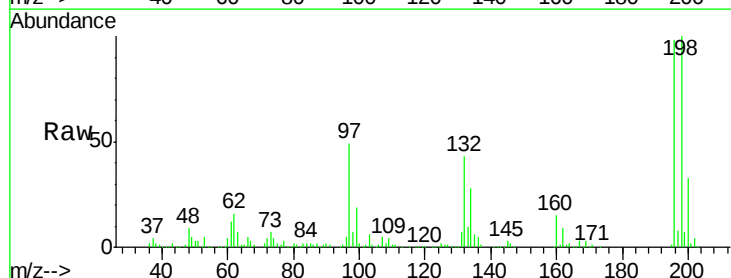


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

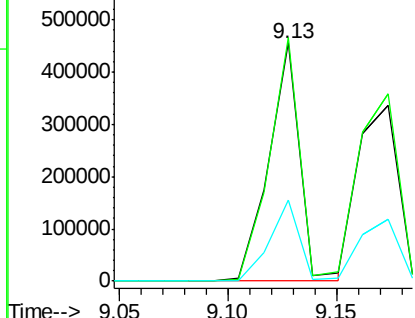
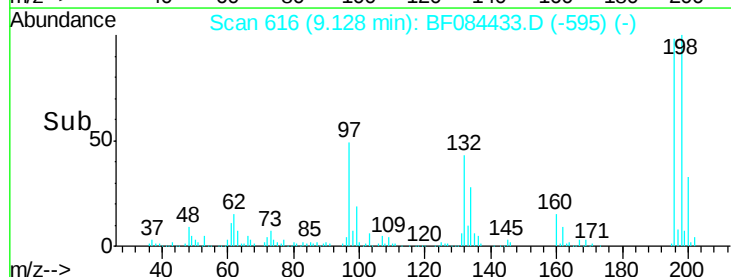


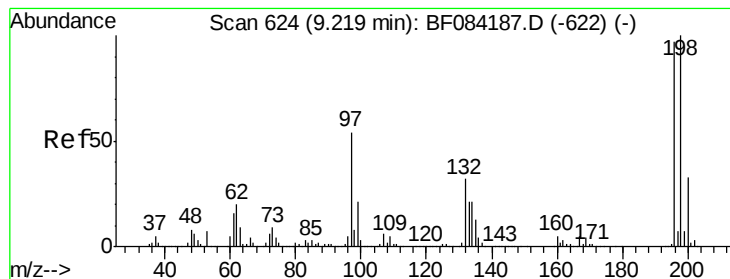
#42
 2,4,6-Trichlorophenol
 Concen: 46.29 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.06 min
 Lab File: BF084433.D
 Acq: 13 Jan 2016 2:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.3	77.7	116.5
200	33.9	24.6	37.0



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: 46.35 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.05 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMS

Tgt Ion:196 Resp: 435678

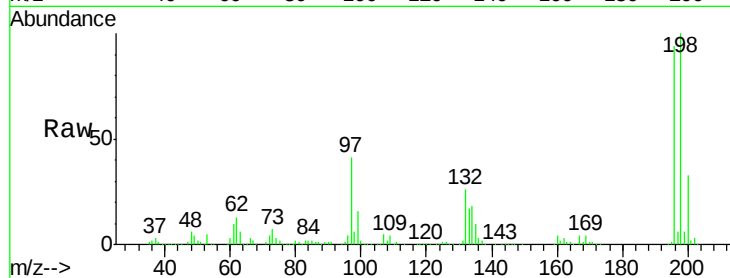
Ion Ratio Lower Upper

196 100

198 106.6 79.0 118.6

97 43.4 33.0 49.6

132 28.2 21.1 31.7

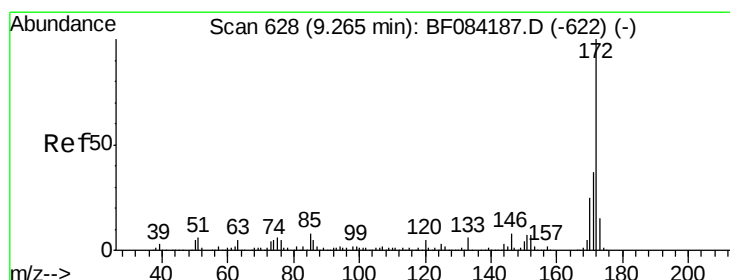
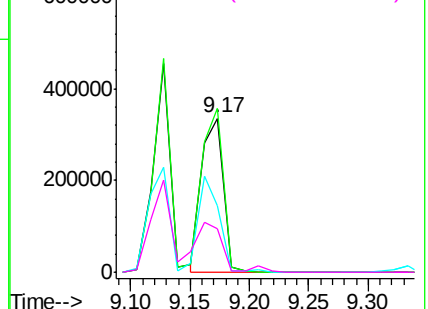
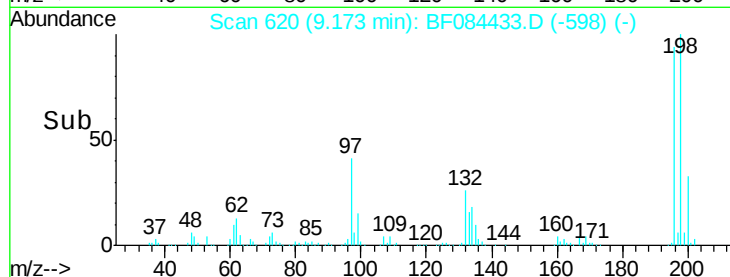


Abundance Ion 196.00 (195.70 to 196.70): E

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: 93.60 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

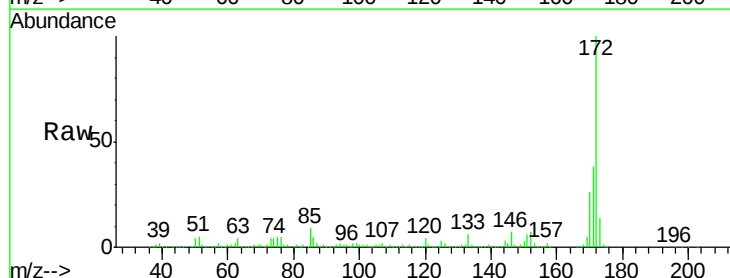
Tgt Ion:172 Resp: 2408916

Ion Ratio Lower Upper

172 100

171 38.0 28.9 43.3

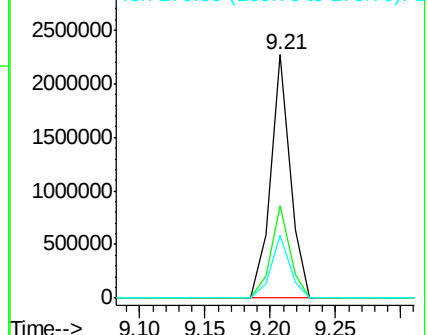
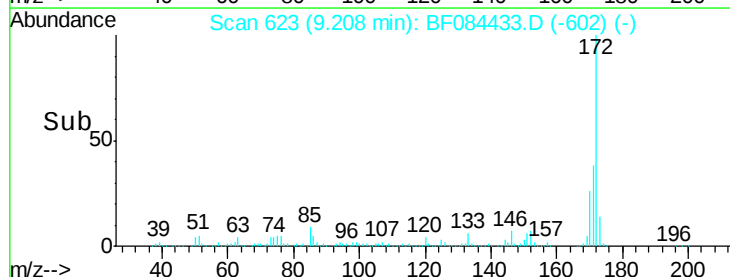
170 26.0 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

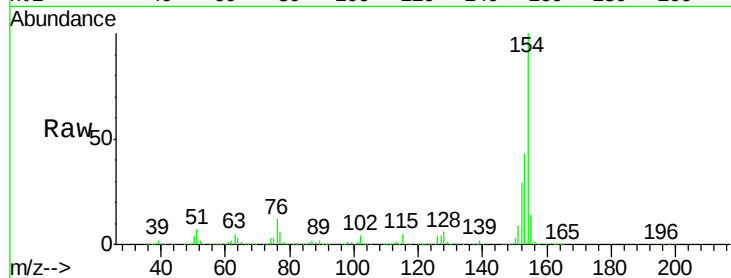




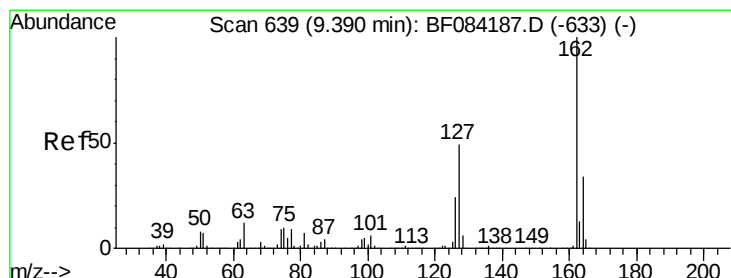
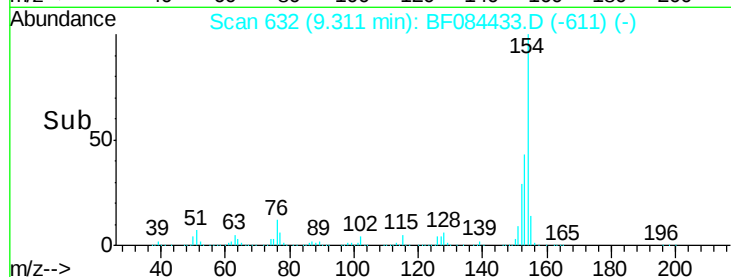
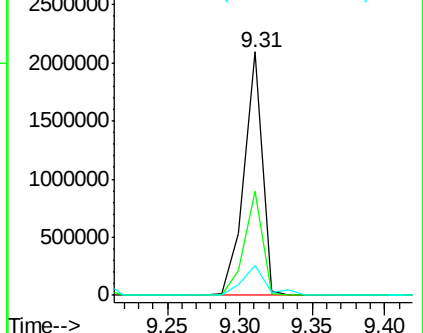
#45
 1,1'-Biphenyl
 Concen: 50.74 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.06 min
 Lab File: BF084433.D
 Acq: 13 Jan 2016 2:24

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMS

Tgt Ion:154 Resp: 1838375
 Ion Ratio Lower Upper
 154 100
 153 42.9 21.6 61.6
 76 12.5 0.0 32.7

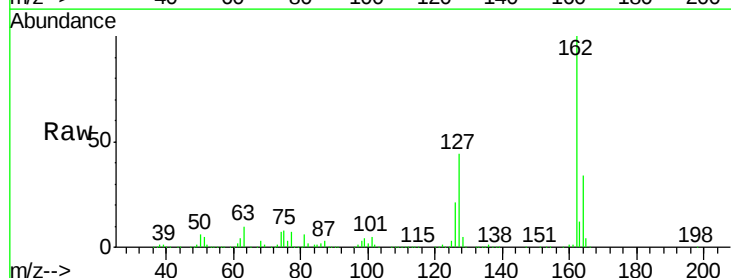


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

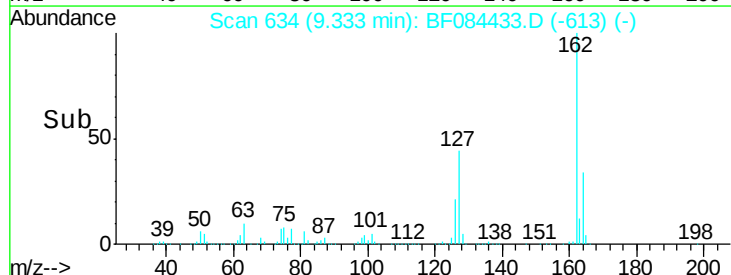
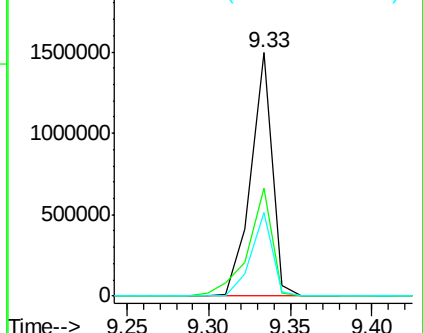


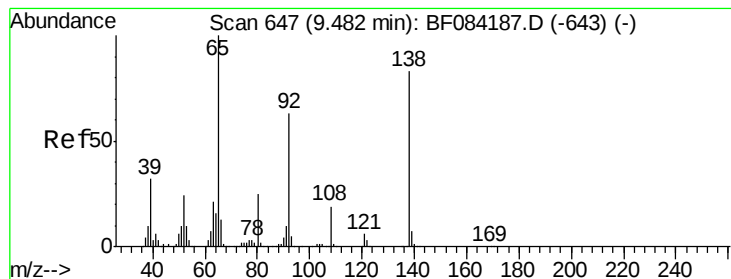
#46
 2-Chloronaphthalene
 Concen: 47.95 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.06 min
 Lab File: BF084433.D
 Acq: 13 Jan 2016 2:24

Tgt Ion:162 Resp: 1364633
 Ion Ratio Lower Upper
 162 100
 127 44.4 40.2 60.4
 164 34.2 25.7 38.5



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: 49.20 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.05 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMS

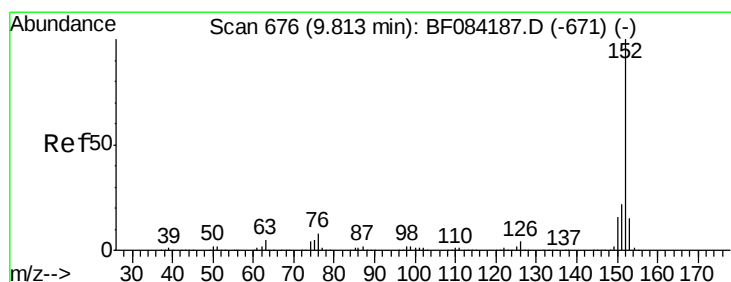
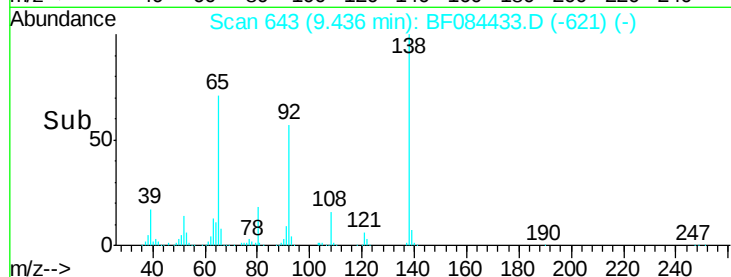
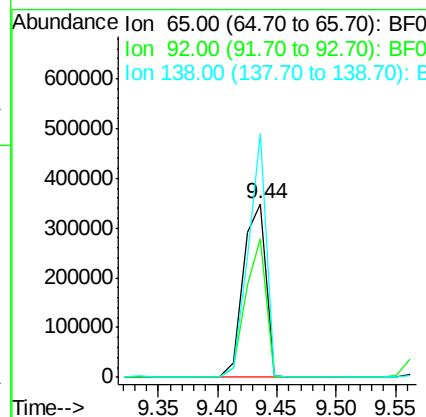
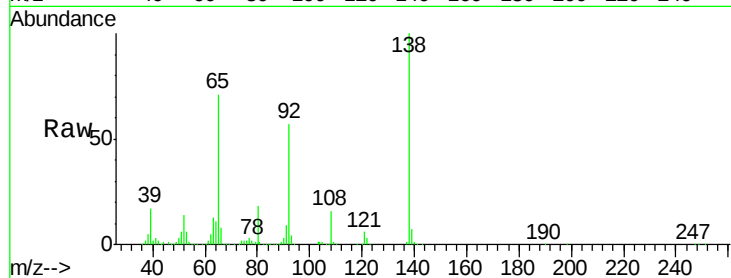
Tgt Ion: 65 Resp: 462131

Ion Ratio Lower Upper

65 100

92 80.1 53.4 80.2

138 140.4 71.1 106.7#



#48

Acenaphthylene

Concen: 46.08 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.07 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

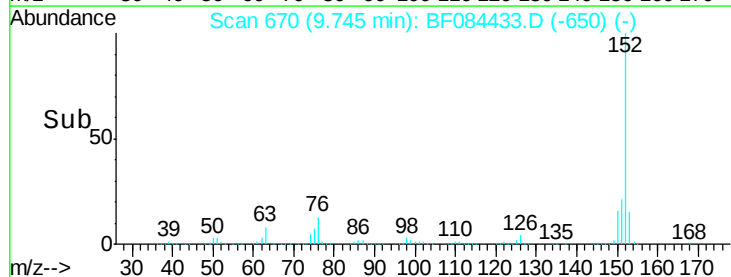
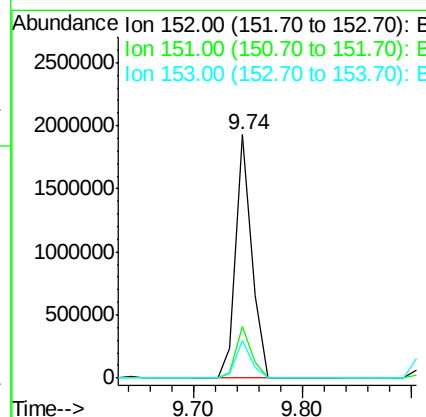
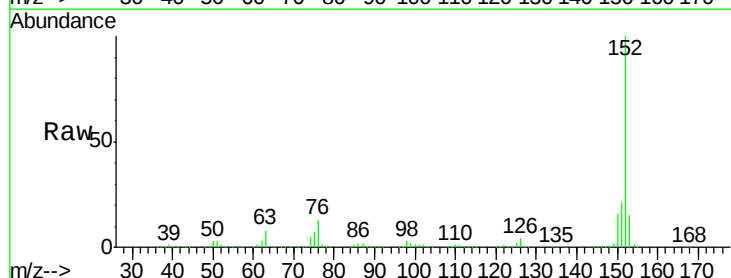
Tgt Ion: 152 Resp: 1937175

Ion Ratio Lower Upper

152 100

151 21.4 16.3 24.5

153 15.2 10.4 15.6





#49

Dimethylphthalate

Concen: 50.63 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMS

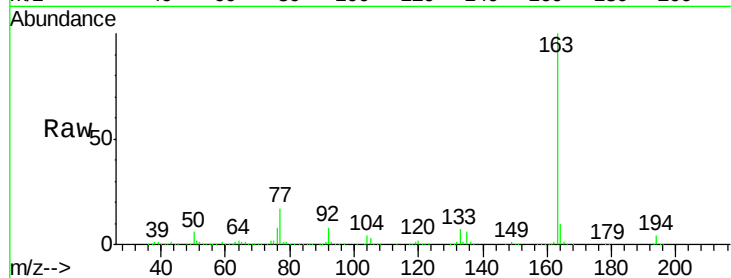
Tgt Ion:163 Resp: 1650119

Ion Ratio Lower Upper

163 100

194 3.7 8.0 12.0#

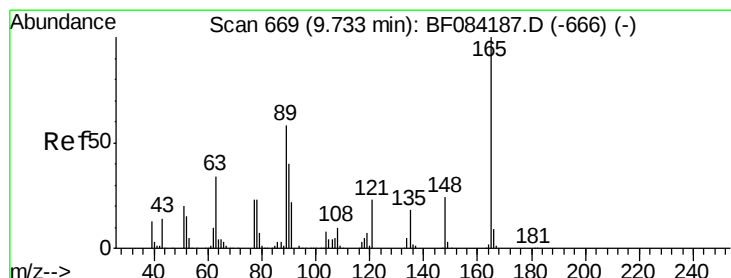
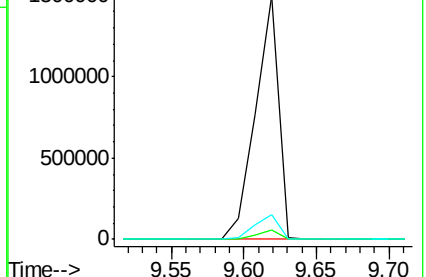
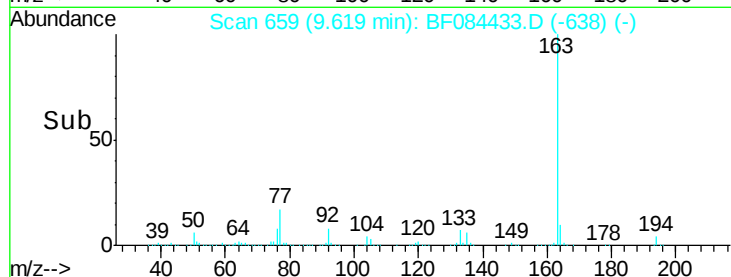
164 10.4 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 53.88 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

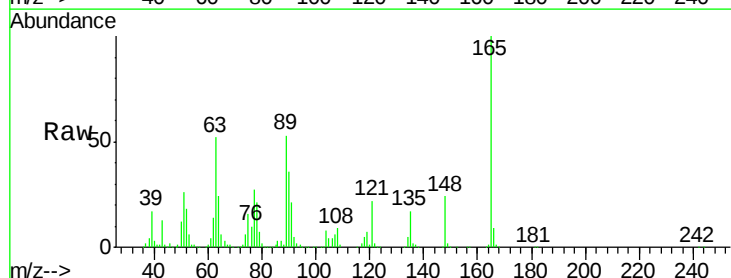
Tgt Ion:165 Resp: 385090

Ion Ratio Lower Upper

165 100

63 51.8 28.8 43.2#

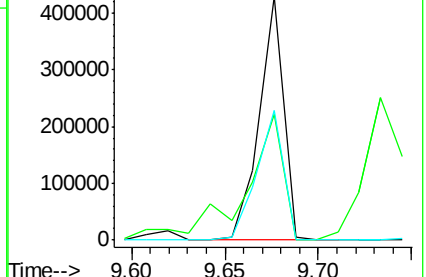
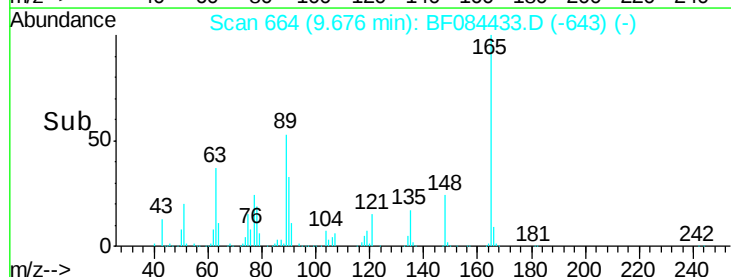
89 53.3 35.1 52.7#

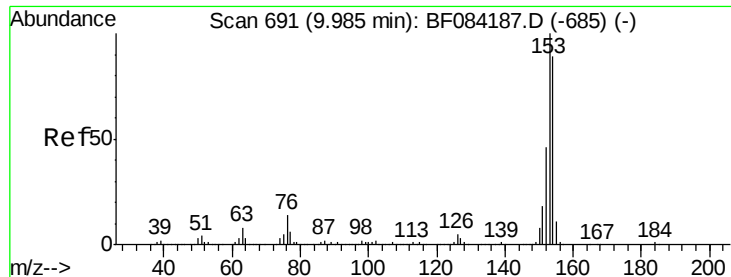


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 49.74 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.07 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMS

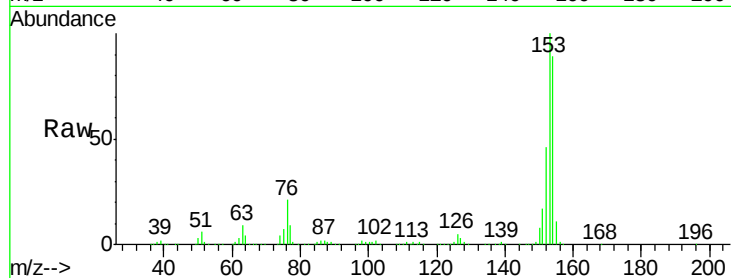
Tgt Ion:154 Resp: 1402818

Ion Ratio Lower Upper

154 100

153 112.2 91.5 137.3

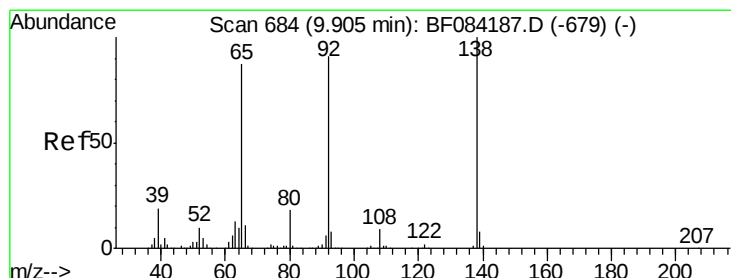
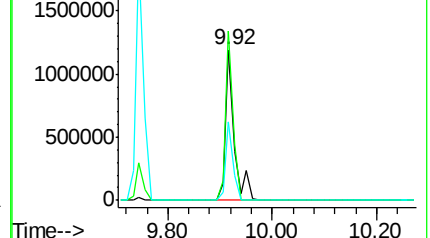
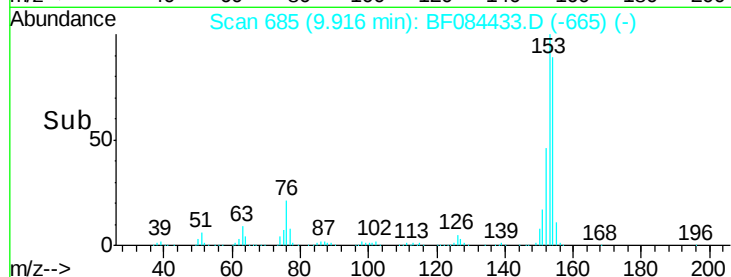
152 51.9 43.0 64.6



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: 19.95 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.07 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

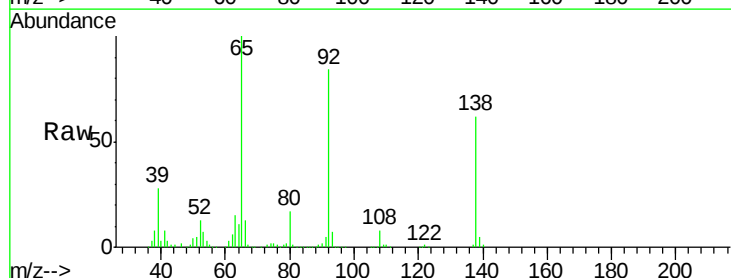
Tgt Ion:138 Resp: 176721

Ion Ratio Lower Upper

138 100

108 12.3 10.5 15.7

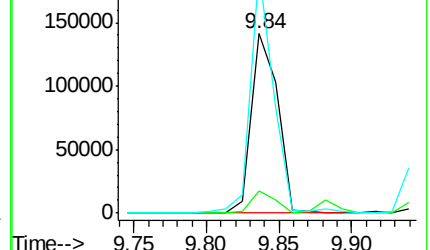
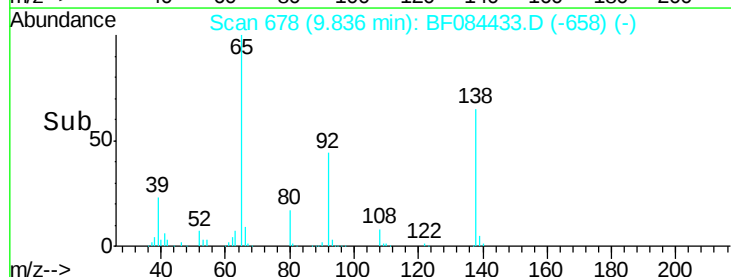
92 135.9 103.9 155.9



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

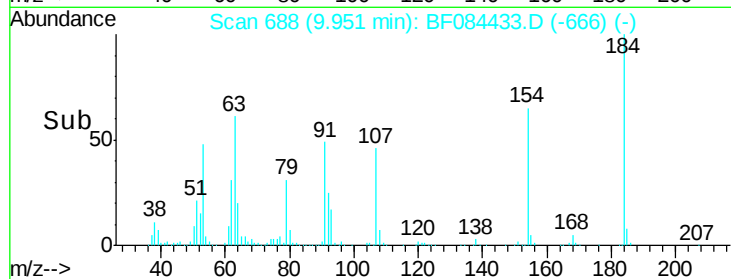
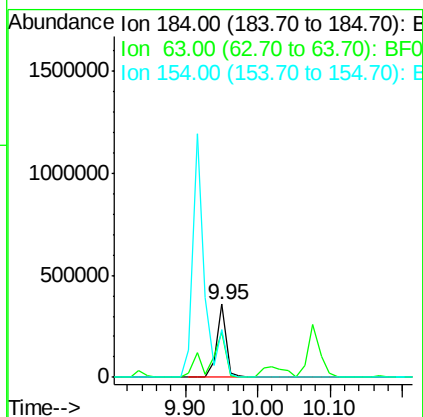
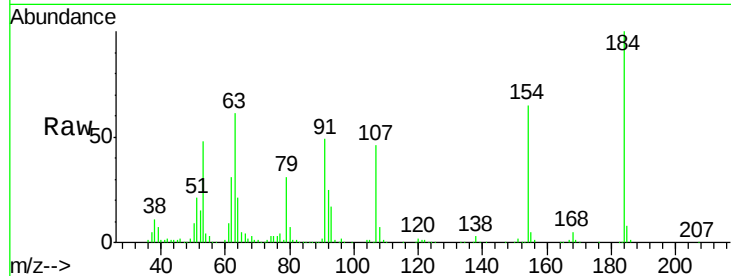




#53
 2,4-Dinitrophenol
 Concen: 106.96 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.05 min
 Lab File: BF084433.D
 Acq: 13 Jan 2016 2:24

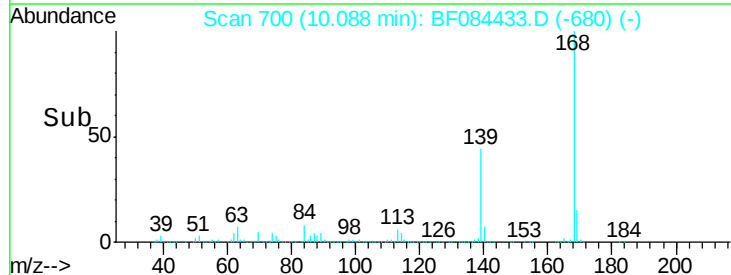
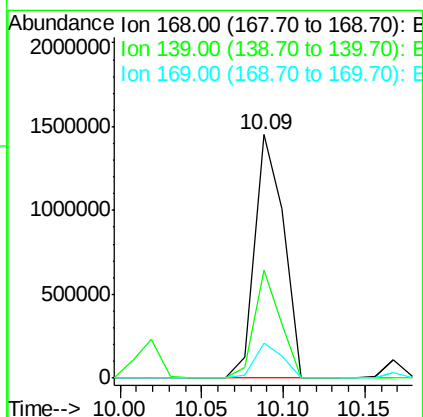
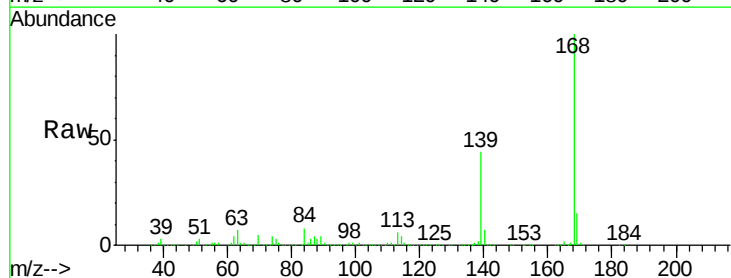
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMS

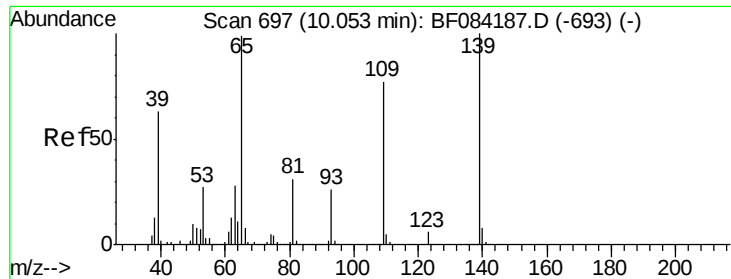
Tgt Ion:184 Resp: 329475
 Ion Ratio Lower Upper
 184 100
 63 61.3 43.1 64.7
 154 64.9 60.5 90.7



#54
 Dibenzofuran
 Concen: 49.00 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.07 min
 Lab File: BF084433.D
 Acq: 13 Jan 2016 2:24

Tgt Ion:168 Resp: 1780227
 Ion Ratio Lower Upper
 168 100
 139 44.2 30.5 45.7
 169 14.5 10.4 15.6

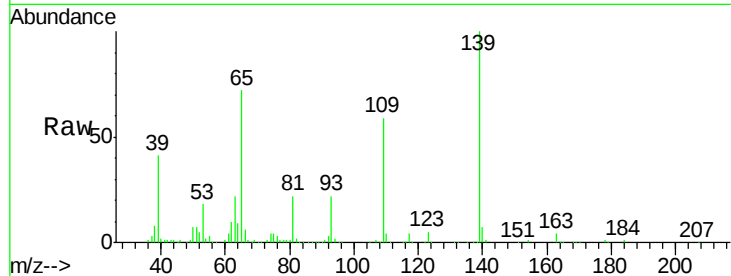




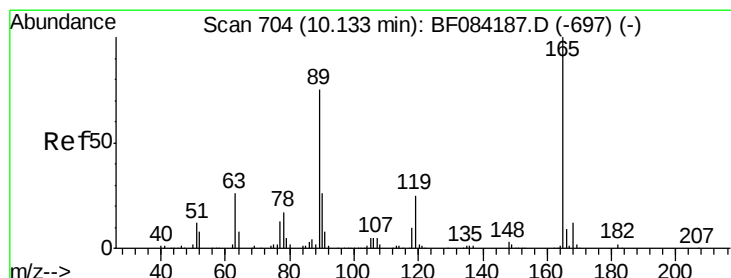
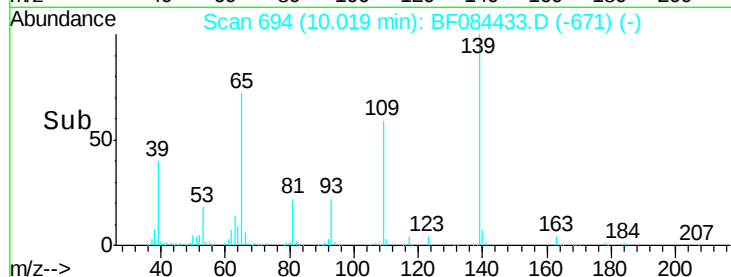
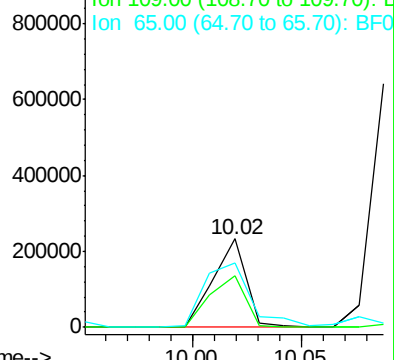
#55
4-Nitrophenol
Concen: 38.53 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF084433.D
Acq: 13 Jan 2016 2:24

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMS

Tgt Ion:139 Resp: 247717
Ion Ratio Lower Upper
139 100
109 59.1 58.5 98.5
65 72.5 57.6 97.6

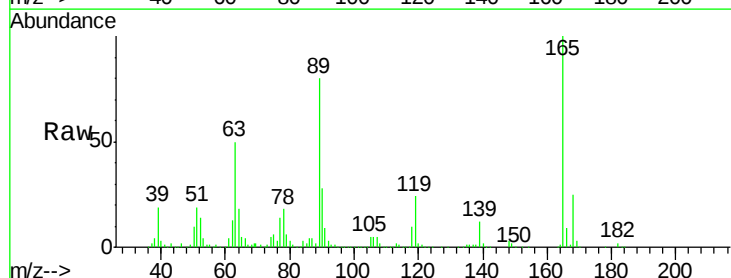


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

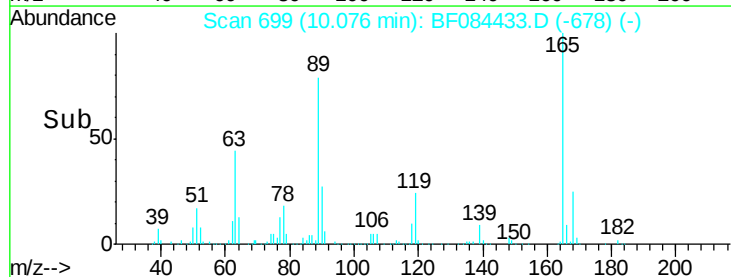
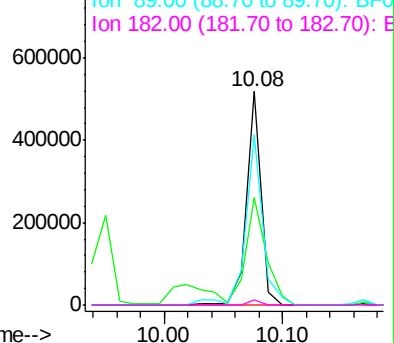


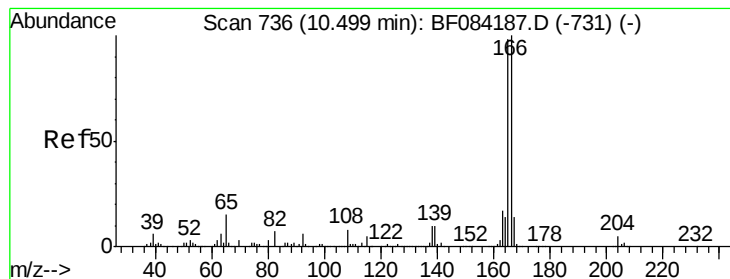
#56
2,4-Dinitrotoluene
Concen: 48.47 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.06 min
Lab File: BF084433.D
Acq: 13 Jan 2016 2:24

Tgt Ion:165 Resp: 438442
Ion Ratio Lower Upper
165 100
63 50.4 36.7 55.1
89 79.5 61.9 92.9
182 2.3 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.21 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.07 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMS

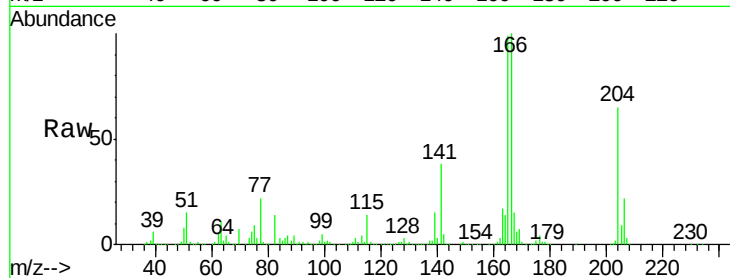
Tgt Ion:166 Resp: 1276672

Ion Ratio Lower Upper

166 100

165 98.7 79.1 118.7

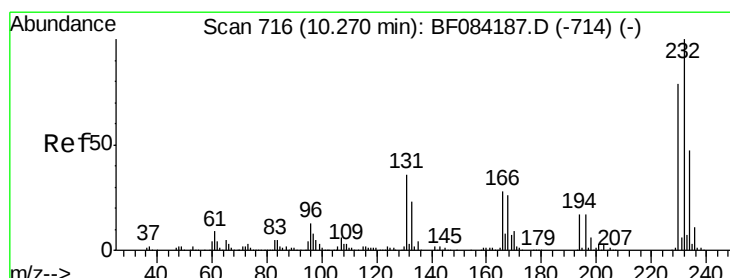
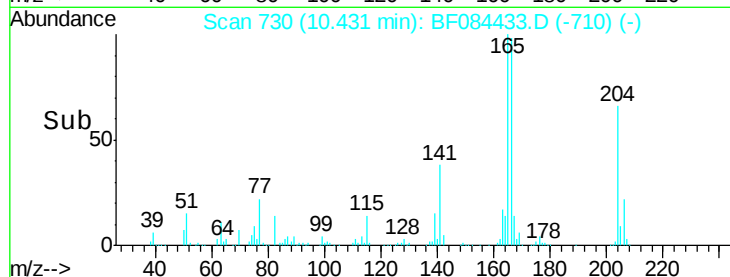
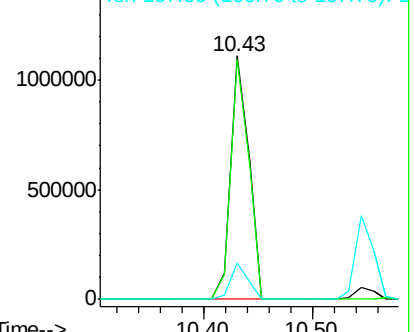
167 14.7 10.4 15.6



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: 45.34 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Tgt Ion:232 Resp: 363806

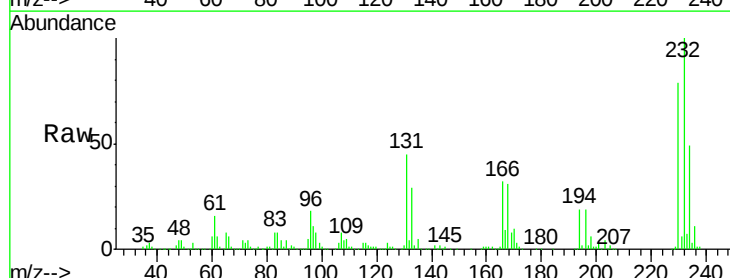
Ion Ratio Lower Upper

232 100

131 49.9 47.0 70.6

130 2.4 2.0 3.0

166 32.5 30.5 45.7

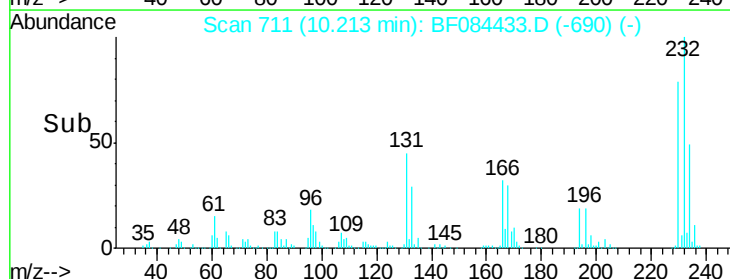
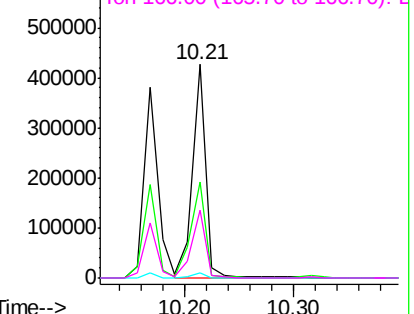


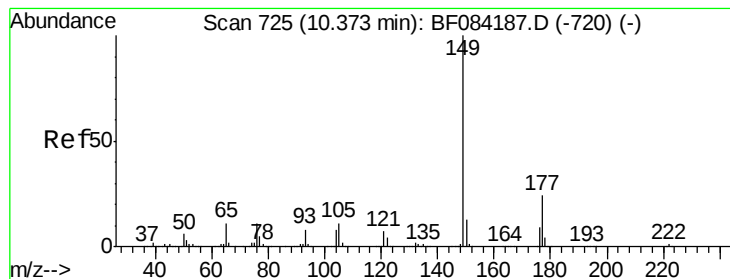
Abundance Ion 232.00 (231.70 to 232.70): E

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: 47.96 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMS

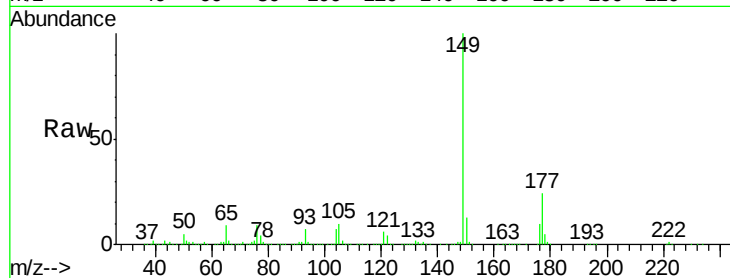
Tgt Ion:149 Resp: 1540910

Ion Ratio Lower Upper

149 100

177 24.0 17.3 25.9

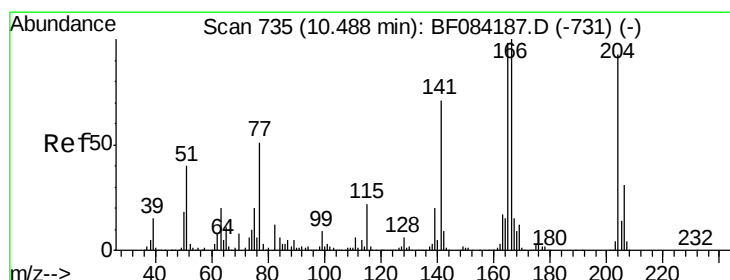
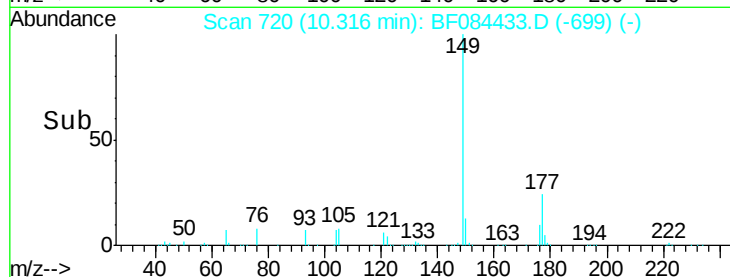
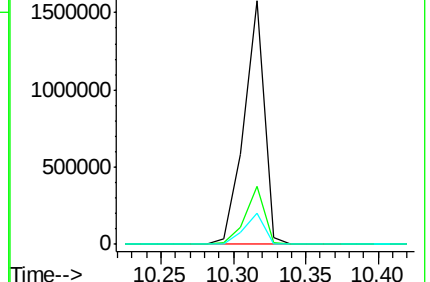
150 12.9 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 56.89 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

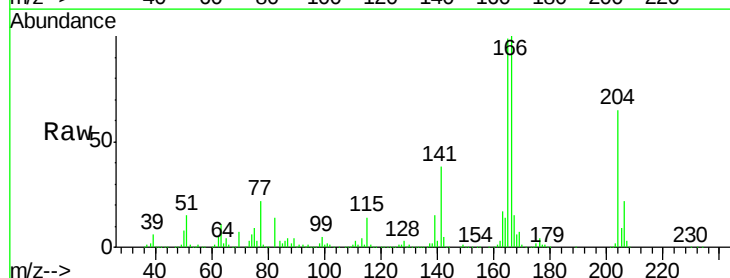
Tgt Ion:204 Resp: 653092

Ion Ratio Lower Upper

204 100

206 33.2 25.7 38.5

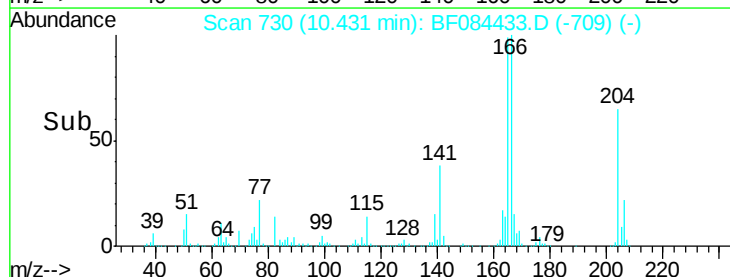
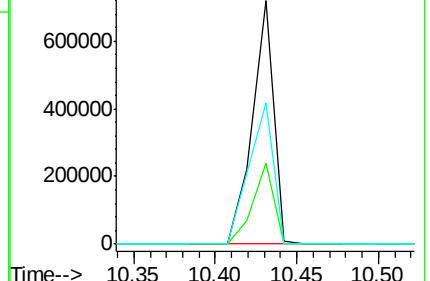
141 58.2 55.1 82.7

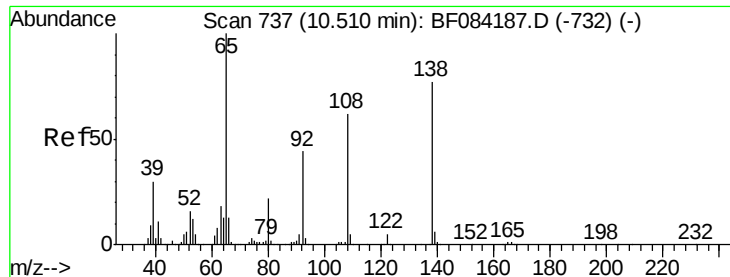


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

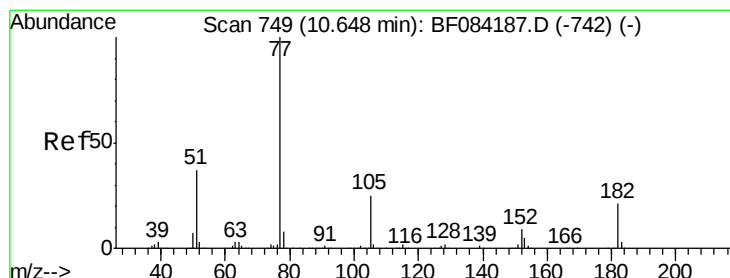
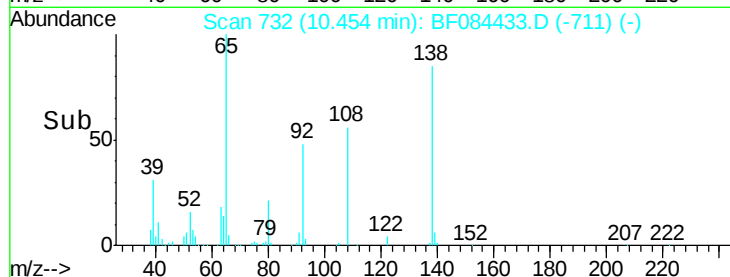
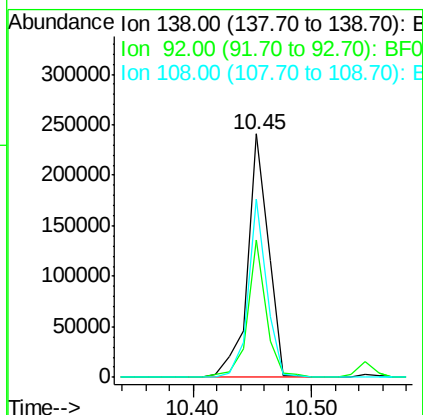
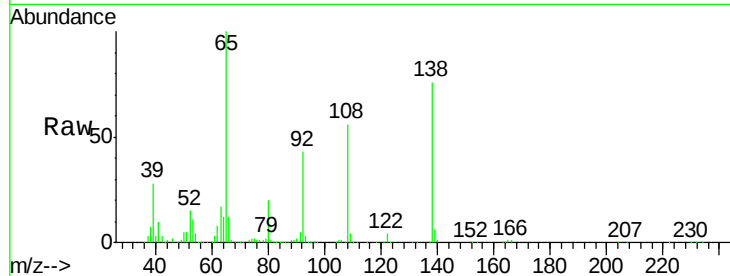




#61
4-Nitroaniline
Concen: 37.59 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.06 min
Lab File: BF084433.D
Acq: 13 Jan 2016 2:24

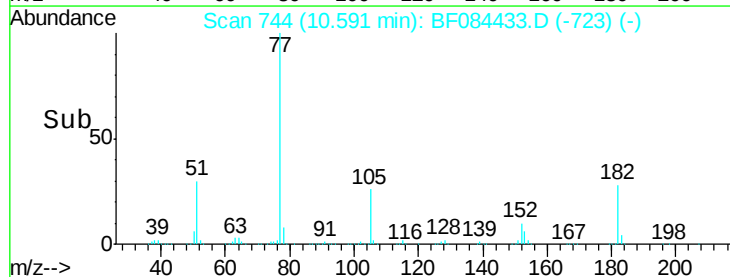
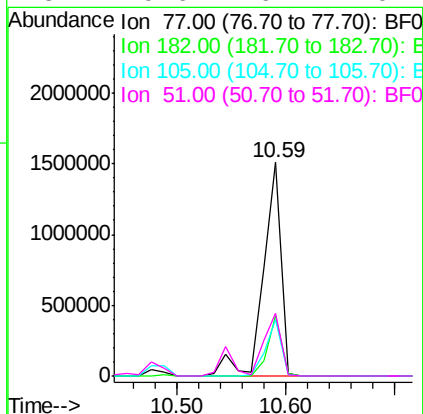
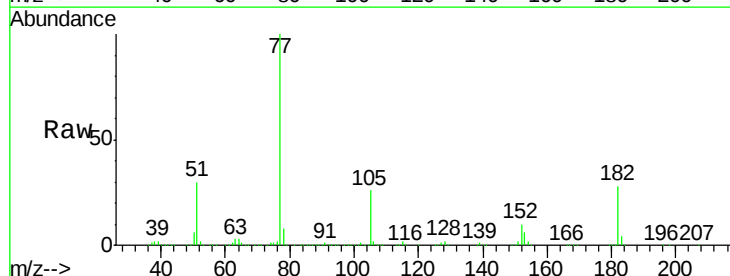
Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMS

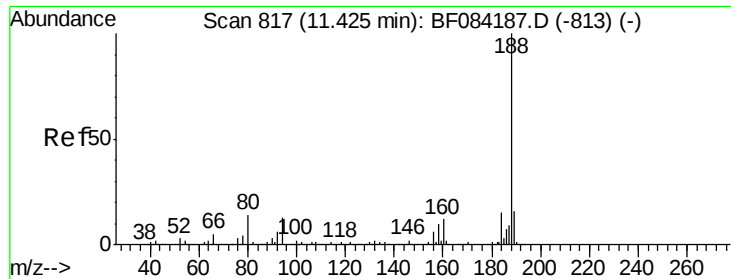
Tgt Ion: 138 Resp: 296782
Ion Ratio Lower Upper
138 100
92 56.5 32.6 72.6
108 73.4 68.6 108.6



#62
Azobenzene
Concen: 49.26 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.06 min
Lab File: BF084433.D
Acq: 13 Jan 2016 2:24

Tgt Ion: 77 Resp: 1735889
Ion Ratio Lower Upper
77 100
182 28.0 8.3 48.3
105 26.4 4.6 44.6
51 29.6 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMS

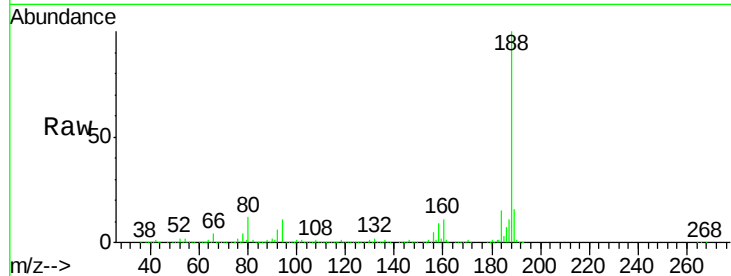
Tgt Ion:188 Resp: 772253

Ion Ratio Lower Upper

188 100

94 11.3 9.0 13.4

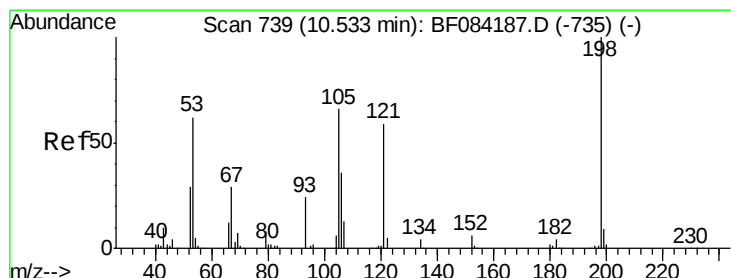
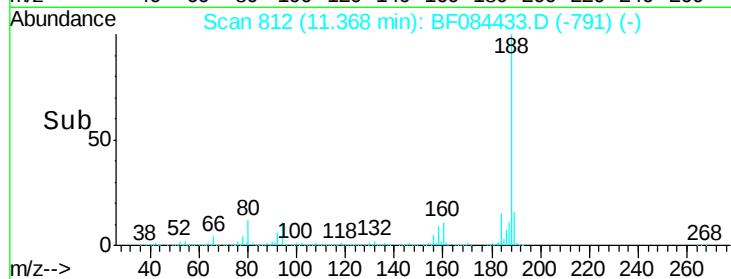
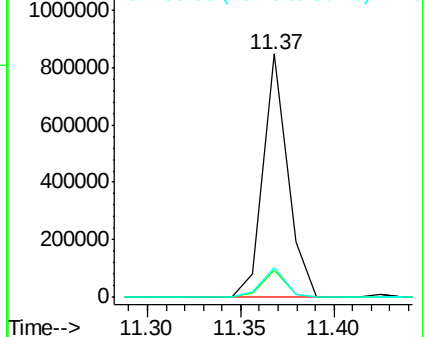
80 12.1 9.6 14.4



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: 50.68 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.05 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

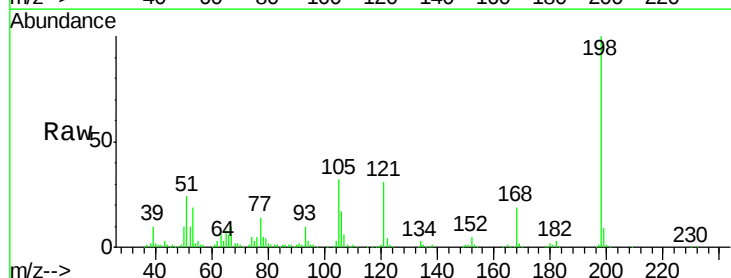
Tgt Ion:198 Resp: 235738

Ion Ratio Lower Upper

198 100

51 24.2 18.9 58.9

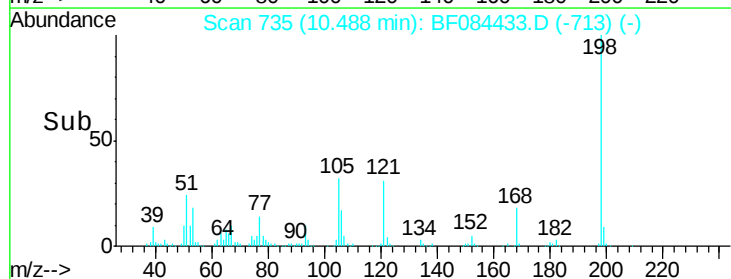
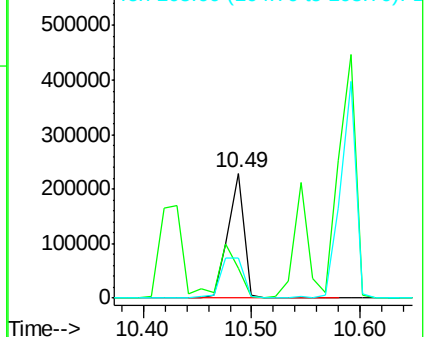
105 32.1 26.4 66.4

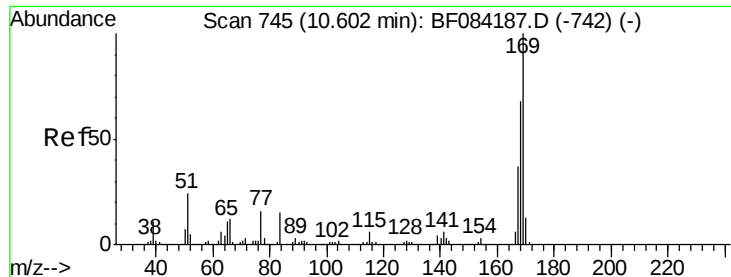


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.69 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMS

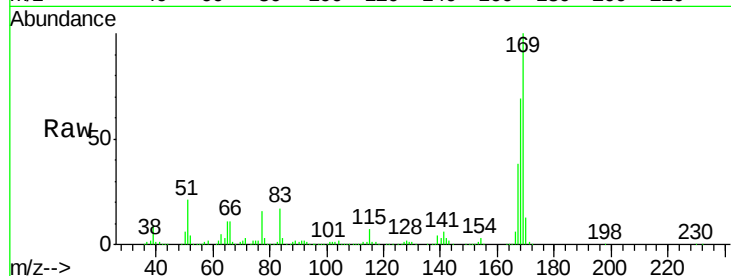
Tgt Ion:169 Resp: 1177561

Ion Ratio Lower Upper

169 100

168 68.7 55.1 82.7

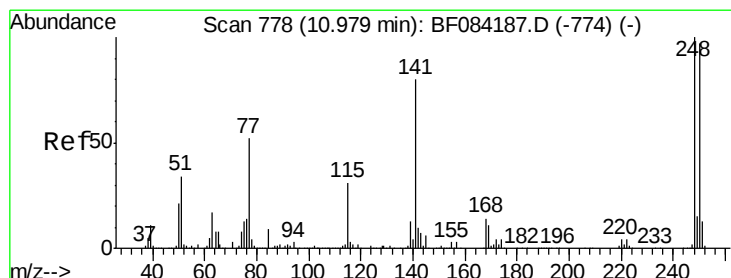
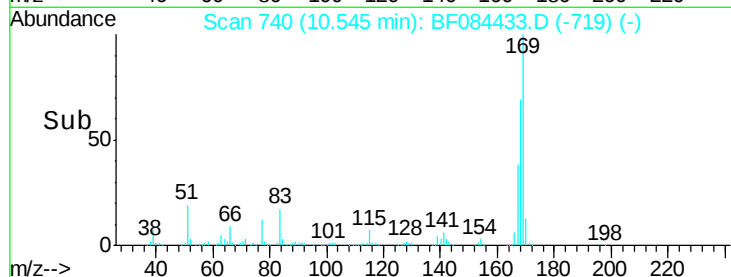
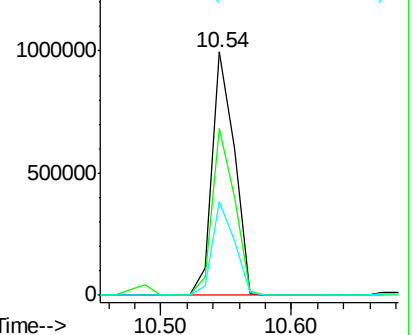
167 38.3 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 53.28 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

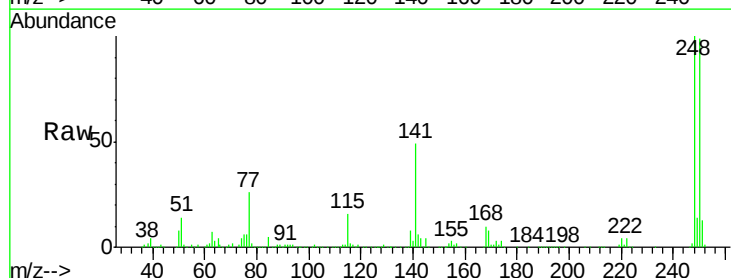
Tgt Ion:248 Resp: 442881

Ion Ratio Lower Upper

248 100

250 98.8 78.4 117.6

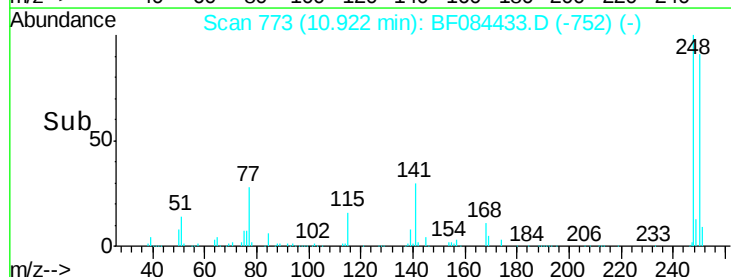
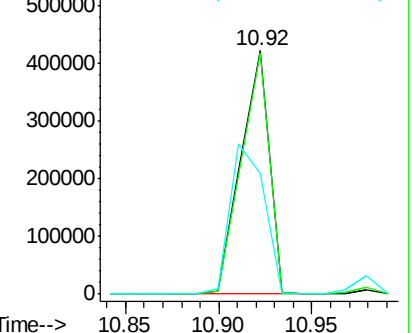
141 49.4 44.0 66.0

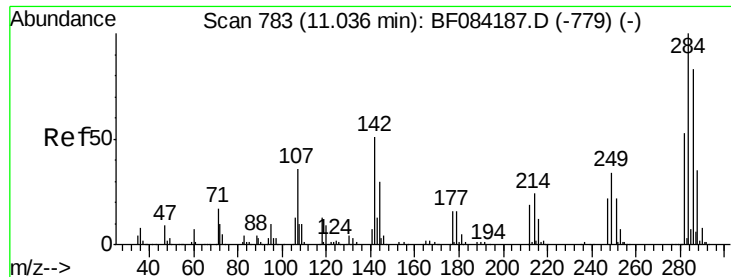


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

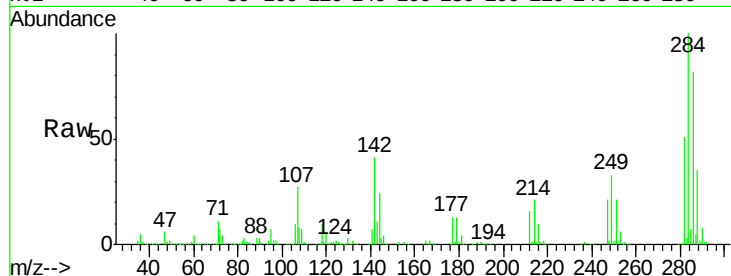




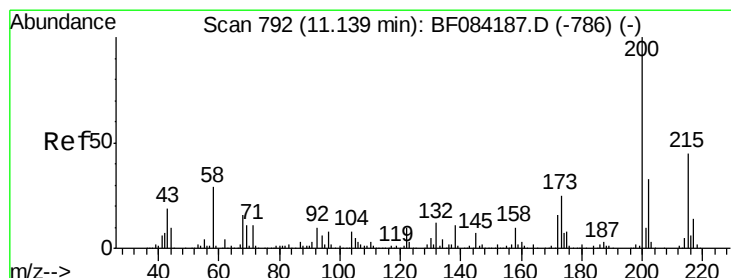
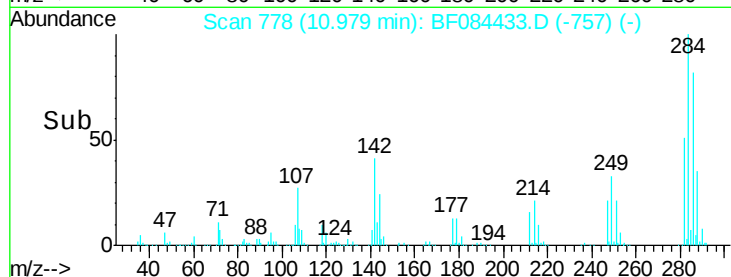
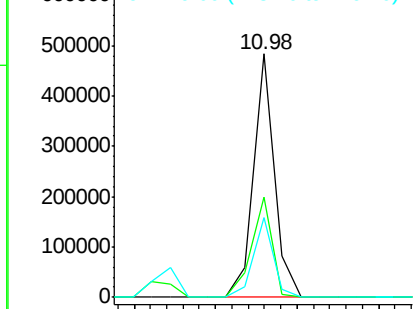
#67
Hexachlorobenzene
Concen: 45.88 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.06 min
Lab File: BF084433.D
Acq: 13 Jan 2016 2:24

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMS

Tgt Ion:284 Resp: 429204
Ion Ratio Lower Upper
284 100
142 41.1 22.2 33.4#
249 32.9 24.6 37.0

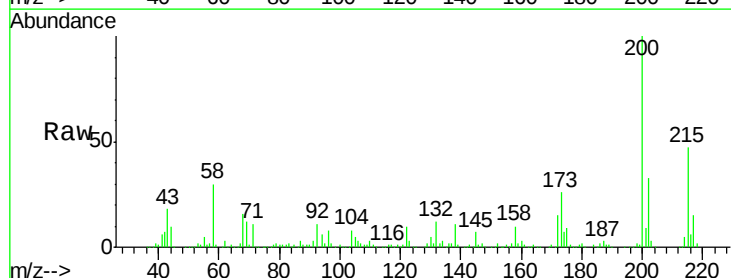


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

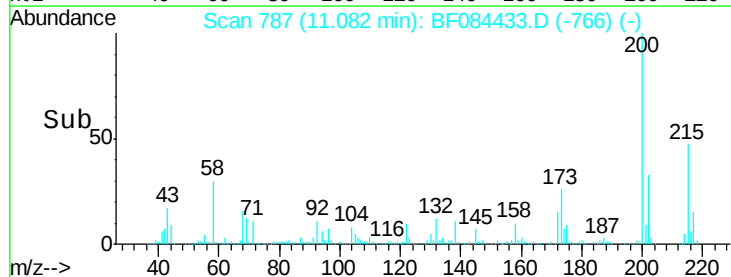
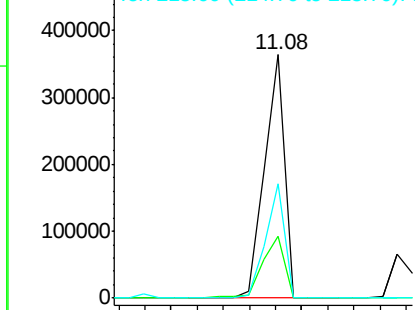


#68
Atrazine
Concen: 48.22 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.06 min
Lab File: BF084433.D
Acq: 13 Jan 2016 2:24

Tgt Ion:200 Resp: 389656
Ion Ratio Lower Upper
200 100
173 25.5 9.5 49.5
215 46.8 23.8 63.8



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

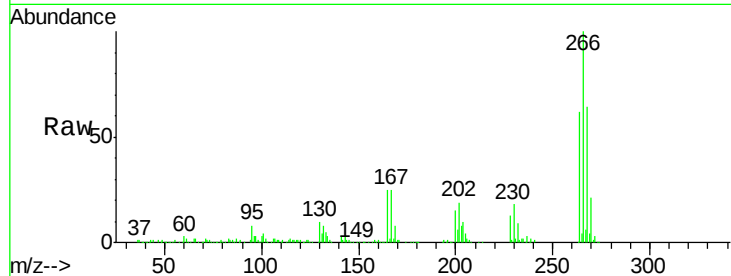




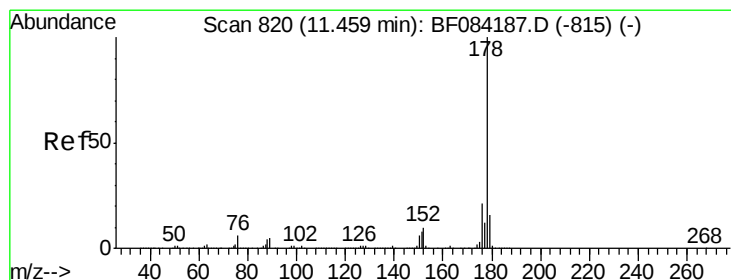
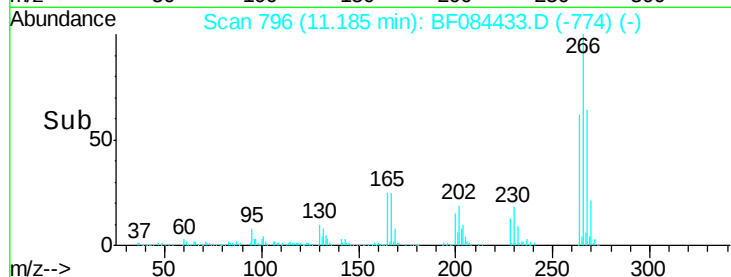
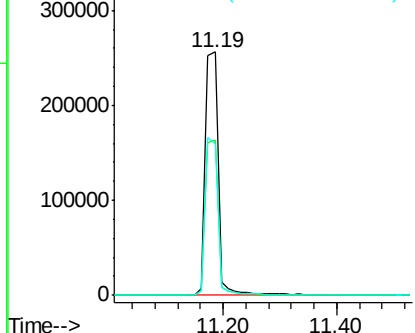
#69
 Pentachlorophenol
 Concen: 79.79 ng
 RT: 11.19 min Scan# 796
 Delta R.T. -0.04 min
 Lab File: BF084433.D
 Acq: 13 Jan 2016 2:24

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMS

Tgt Ion: 266 Resp: 387039
 Ion Ratio Lower Upper
 266 100
 268 64.0 52.4 78.6
 264 62.1 50.2 75.2

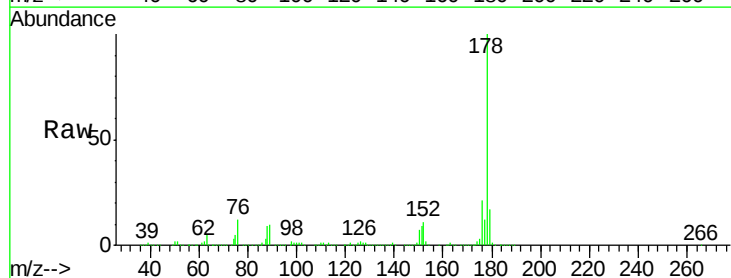


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

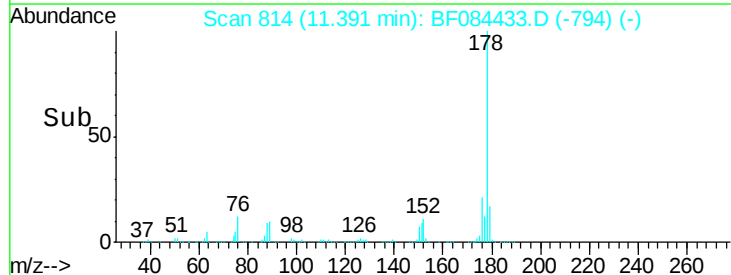
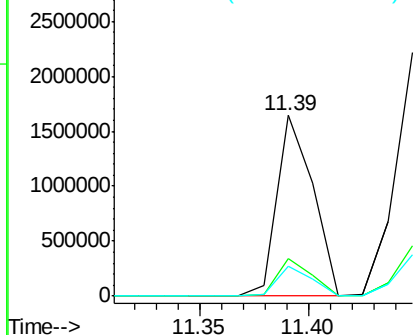


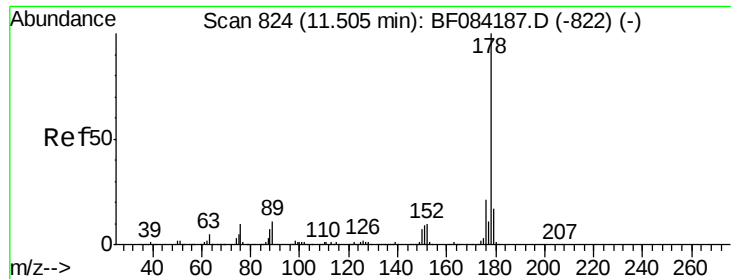
#70
 Phenanthrene
 Concen: 47.23 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.07 min
 Lab File: BF084433.D
 Acq: 13 Jan 2016 2:24

Tgt Ion: 178 Resp: 1907730
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.3 22.9
 179 16.7 12.0 18.0



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

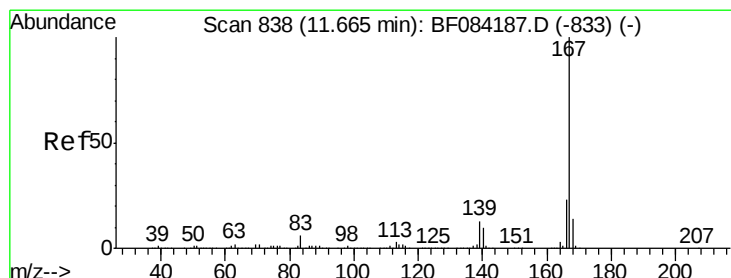
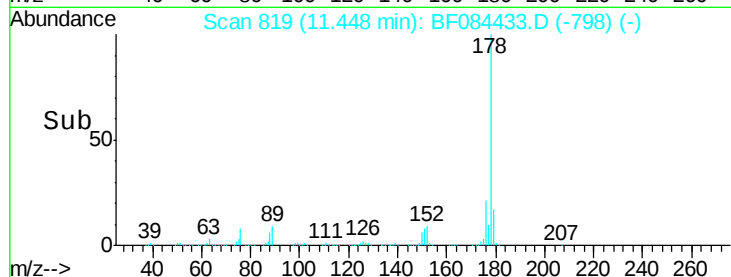
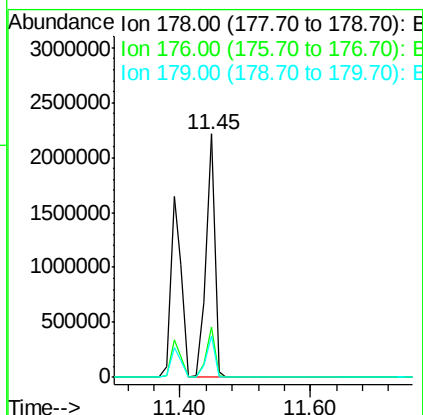
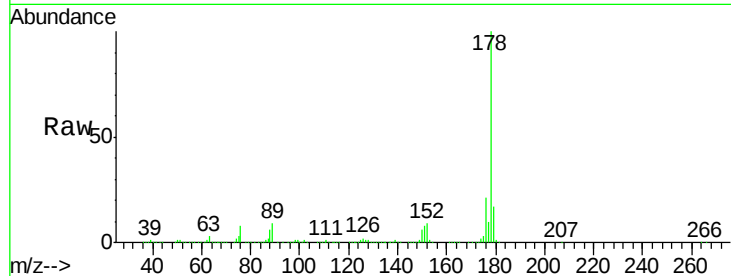




#71
 Anthracene
 Concen: 51.60 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.06 min
 Lab File: BF084433.D
 Acq: 13 Jan 2016 2:24

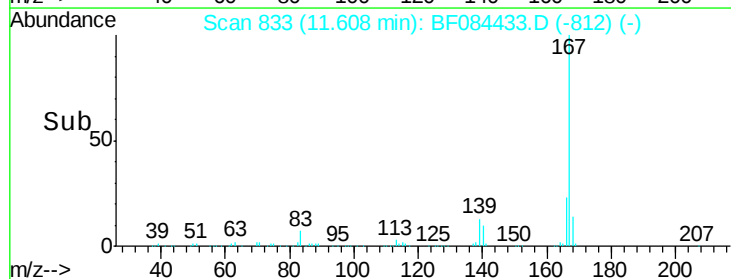
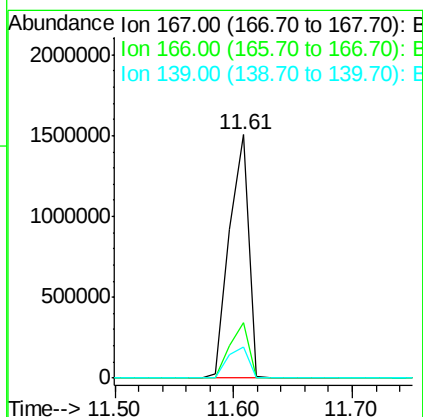
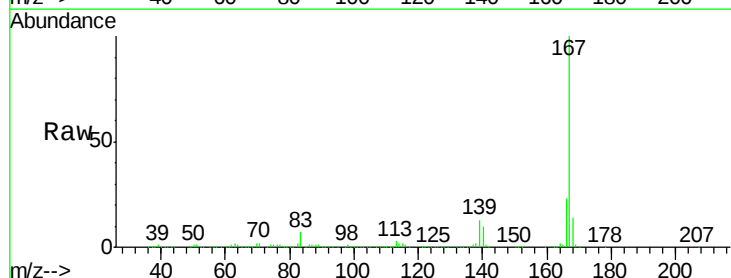
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMS

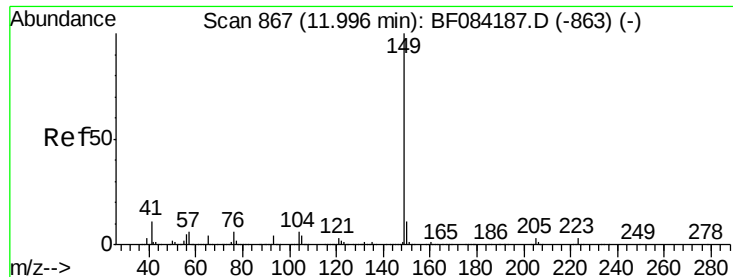
Tgt Ion:178 Resp: 2043061
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.4 23.0
 179 16.9 12.5 18.7



#72
 Carbazole
 Concen: 44.01 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.06 min
 Lab File: BF084433.D
 Acq: 13 Jan 2016 2:24

Tgt Ion:167 Resp: 1703527
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 12.8 11.8 17.8





#73

Di-n-butylphthalate

Concen: 54.13 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMS

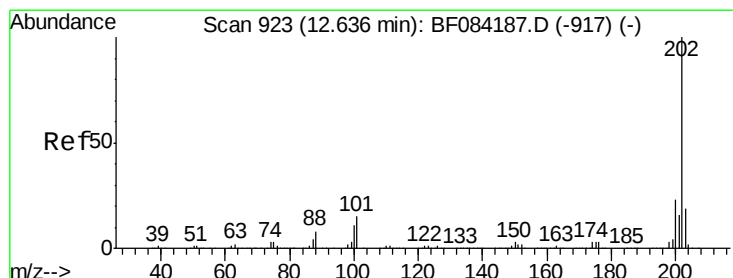
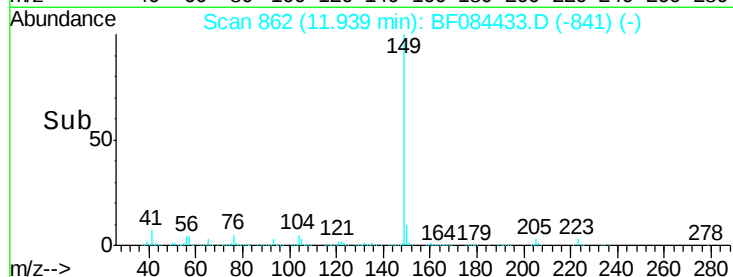
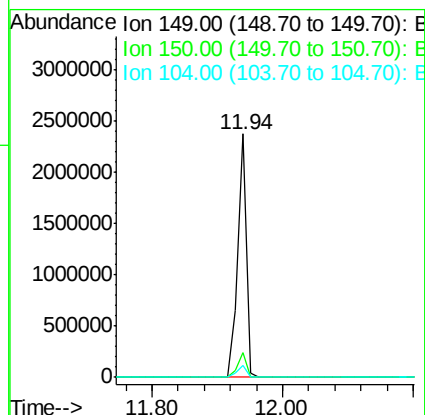
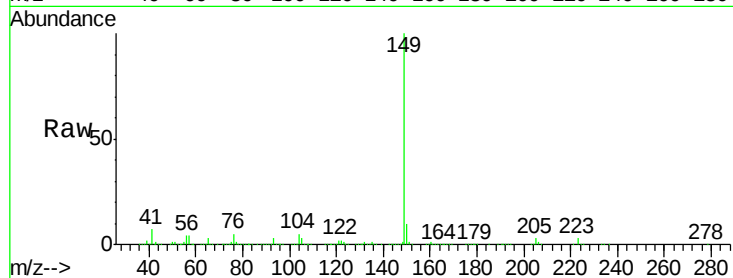
Tgt Ion:149 Resp: 2117872

Ion Ratio Lower Upper

149 100

150 10.3 7.1 10.7

104 5.1 3.2 4.8#



#74

Fluoranthene

Concen: 40.32 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

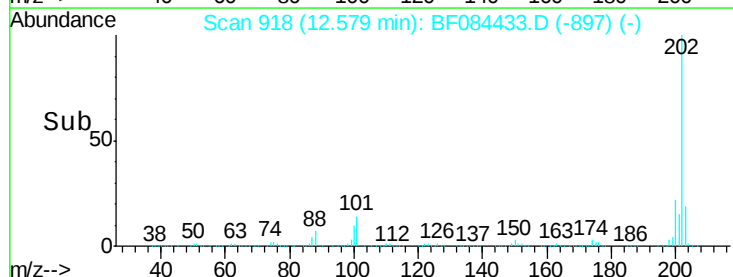
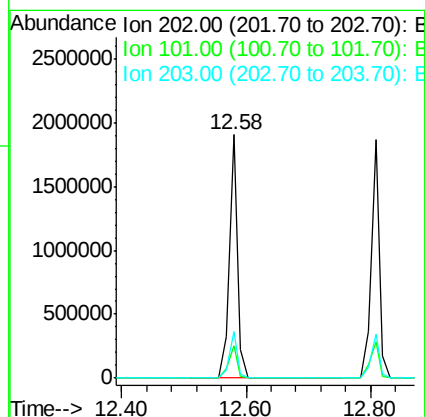
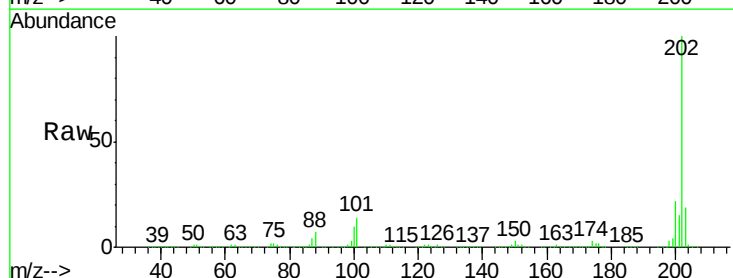
Tgt Ion:202 Resp: 1701425

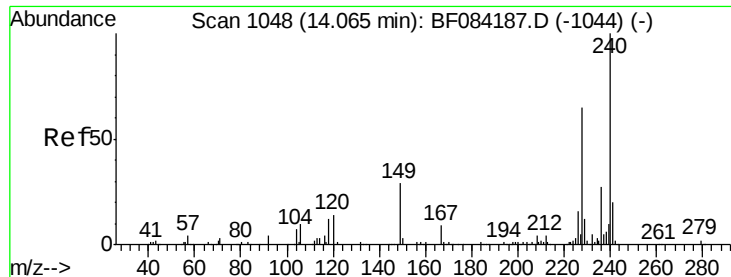
Ion Ratio Lower Upper

202 100

101 13.6 0.0 32.8

203 18.9 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMS

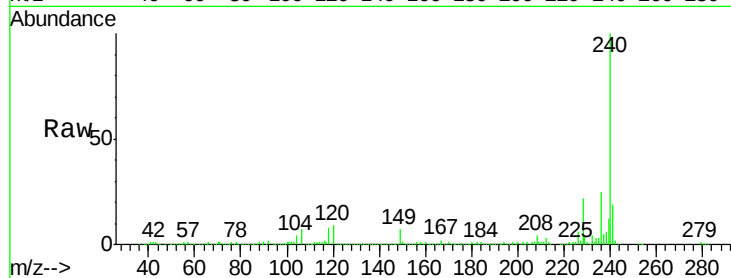
Tgt Ion:240 Resp: 500260

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

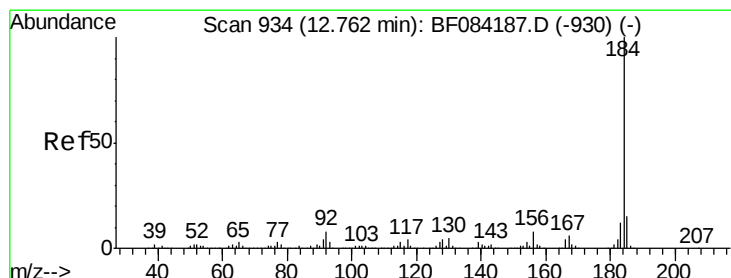
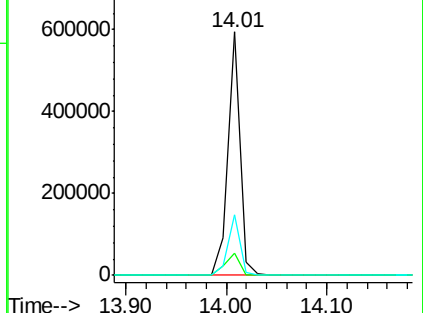
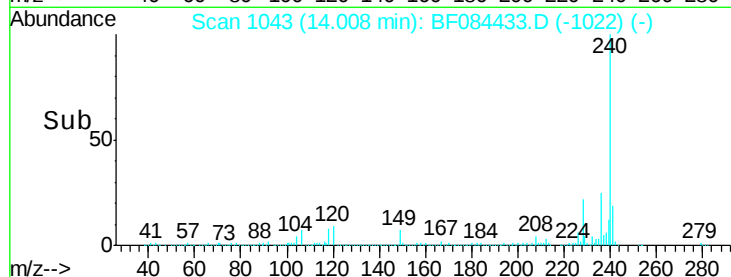
236 25.0 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 14.28 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

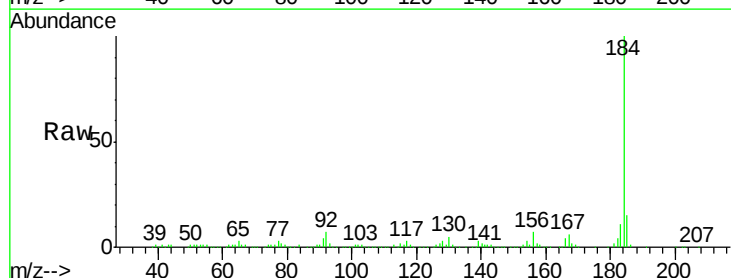
Tgt Ion:184 Resp: 256189

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

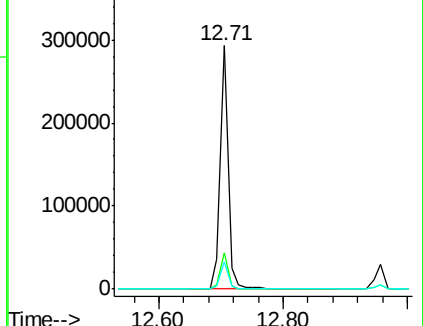
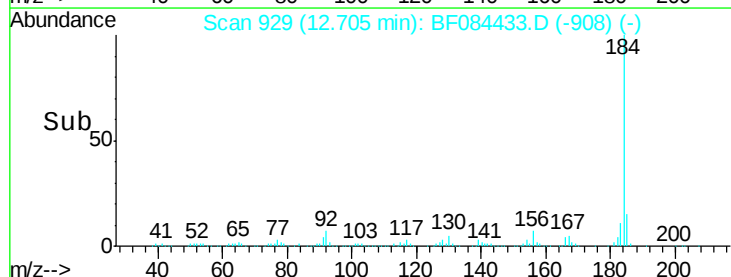
183 11.5 9.8 14.8

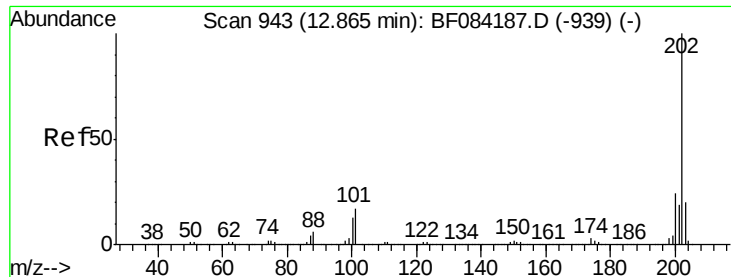


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

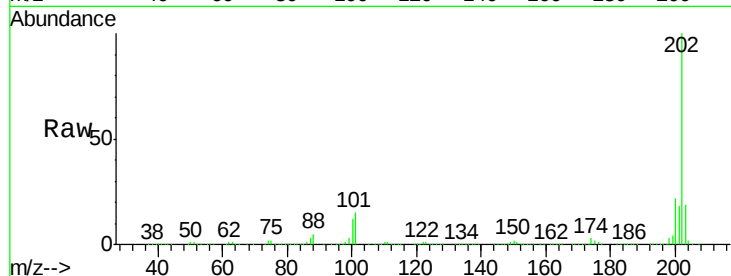




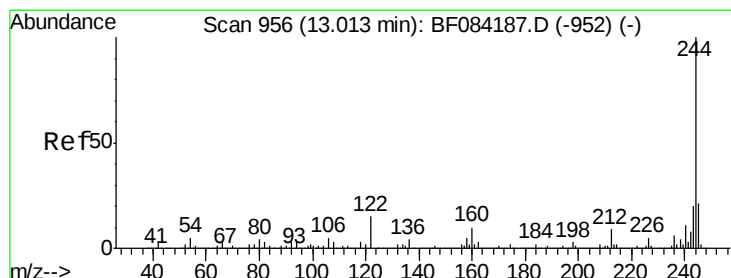
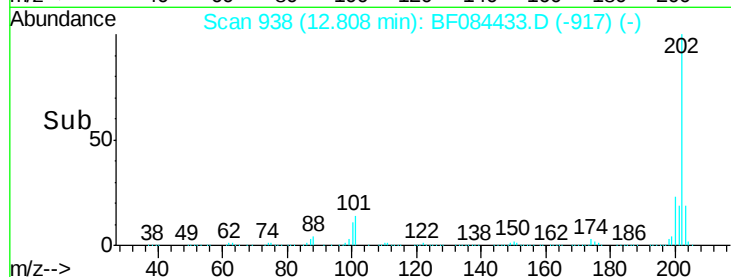
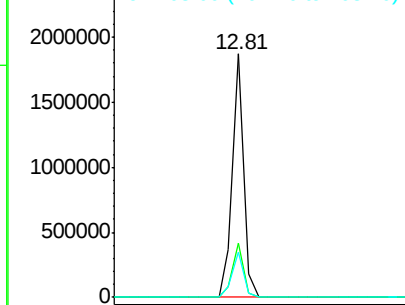
#77
 Pyrene
 Concen: 42.60 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.06 min
 Lab File: BF084433.D
 Acq: 13 Jan 2016 2:24

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMS

Tgt Ion:202 Resp: 1672242
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.2 25.8
 203 18.6 14.3 21.5

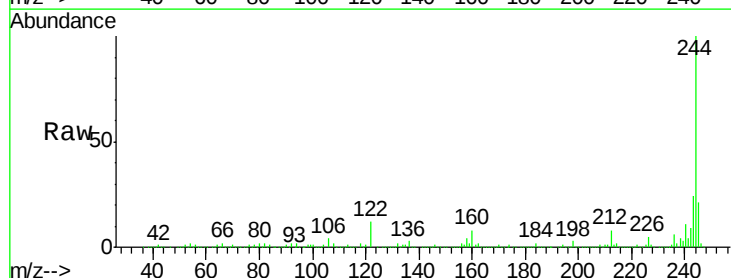


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

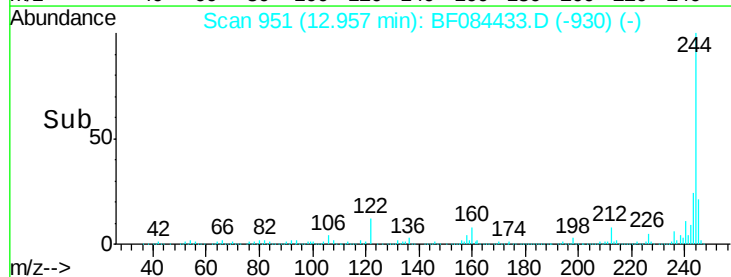
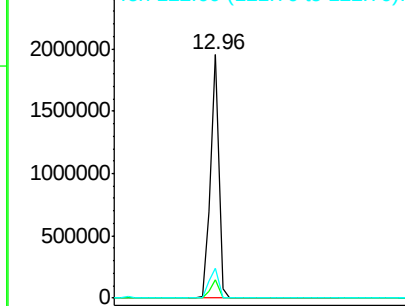


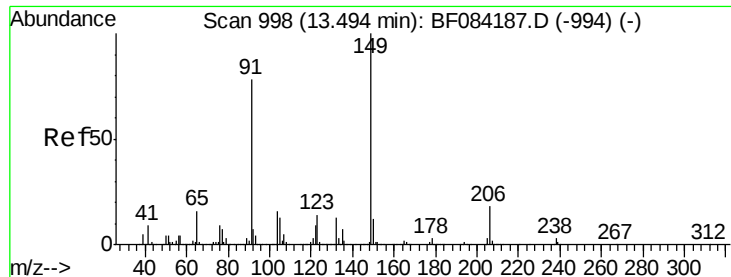
#78
 Terphenyl-d14
 Concen: 83.82 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.06 min
 Lab File: BF084433.D
 Acq: 13 Jan 2016 2:24

Tgt Ion:244 Resp: 1878536
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 12.2 7.4 11.0#



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

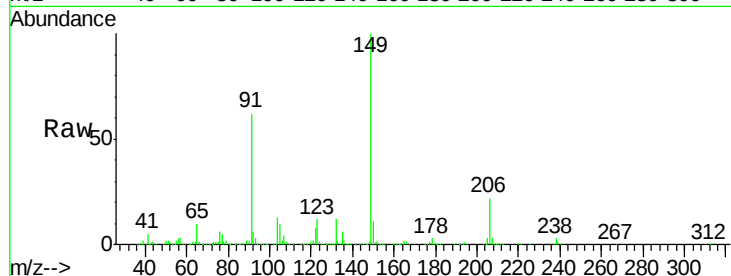




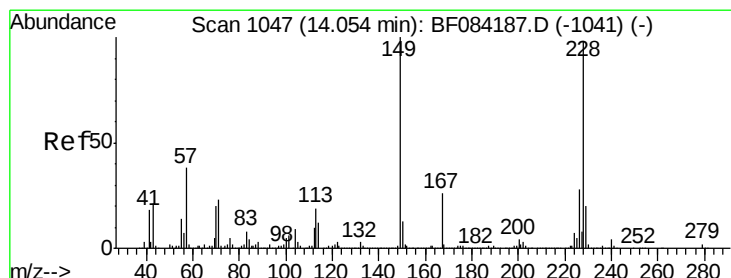
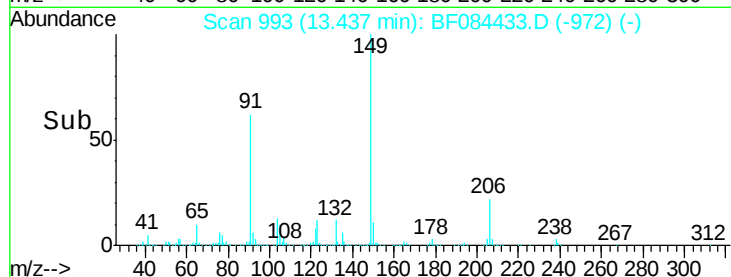
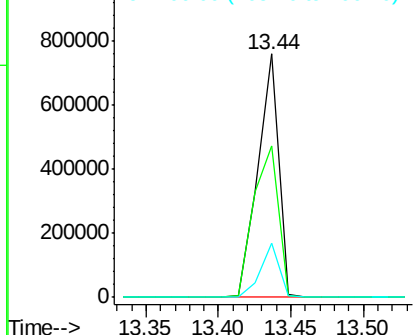
#79
Butylbenzylphthalate
Concen: 44.47 ng
RT: 13.44 min Scan# 993
Delta R.T. -0.06 min
Lab File: BF084433.D
Acq: 13 Jan 2016 2:24

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMS

Tgt Ion:149 Resp: 755451
Ion Ratio Lower Upper
149 100
91 62.2 57.6 86.4
206 22.4 13.2 19.8#

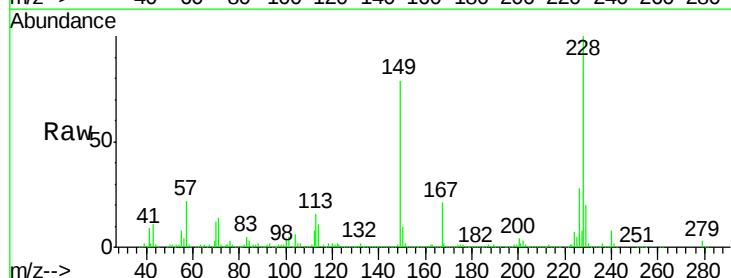


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

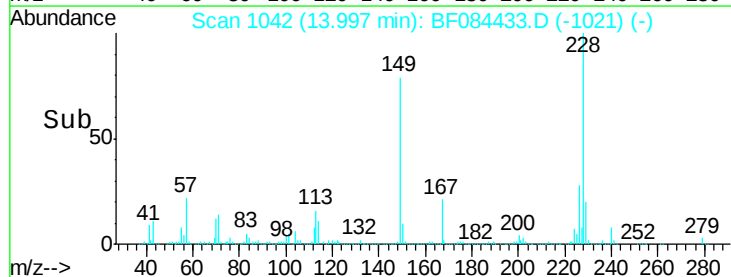
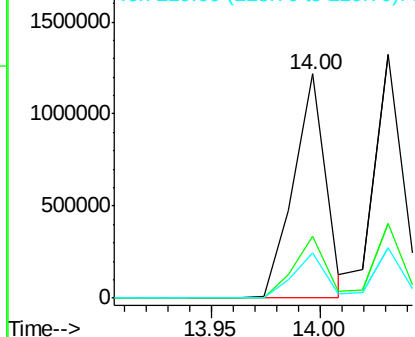


#80
Benzo(a)anthracene
Concen: 42.71 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.06 min
Lab File: BF084433.D
Acq: 13 Jan 2016 2:24

Tgt Ion:228 Resp: 1254570
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.6
229 20.2 15.8 23.8



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

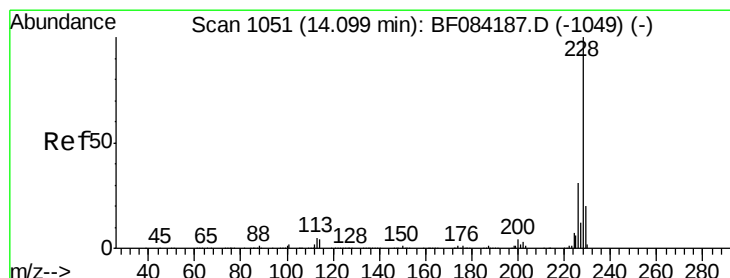
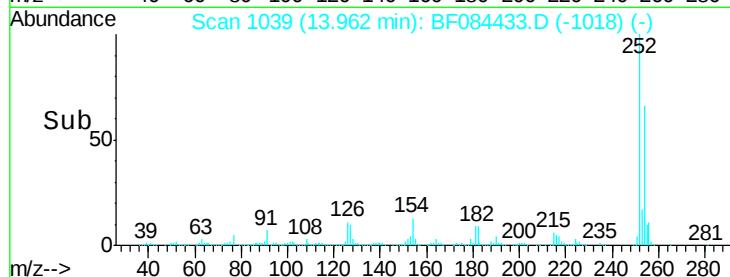
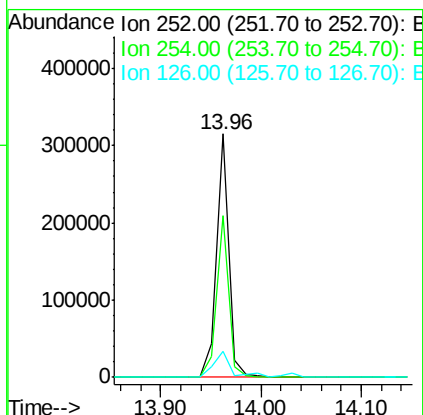
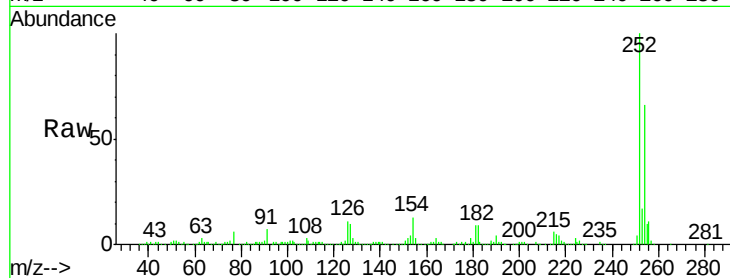




#81
 3,3'-Dichlorobenzidine
 Concen: 26.18 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.06 min
 Lab File: BF084433.D
 Acq: 13 Jan 2016 2:24

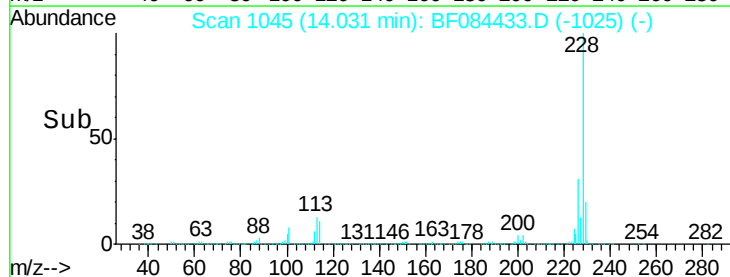
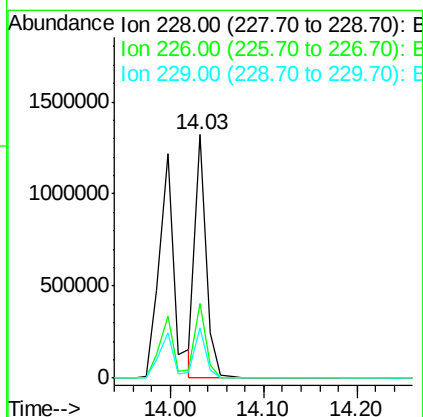
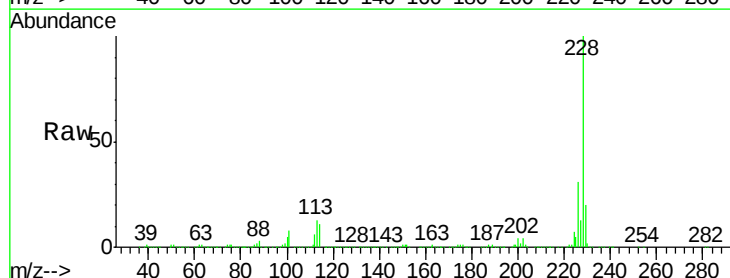
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMS

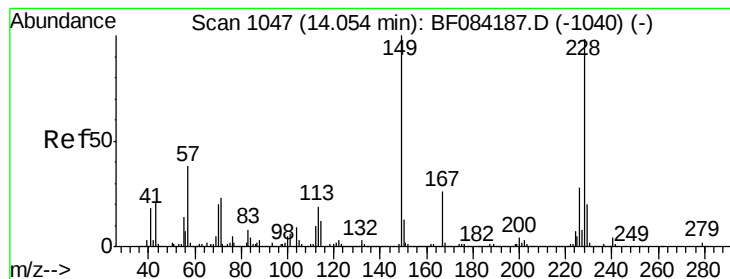
Tgt Ion: 252 Resp: 268438
 Ion Ratio Lower Upper
 252 100
 254 66.2 53.5 80.3
 126 10.7 4.9 7.3#



#82
 Chrysene
 Concen: 38.90 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.07 min
 Lab File: BF084433.D
 Acq: 13 Jan 2016 2:24

Tgt Ion: 228 Resp: 1097874
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.3 36.5
 229 20.5 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.61 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.06 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMS

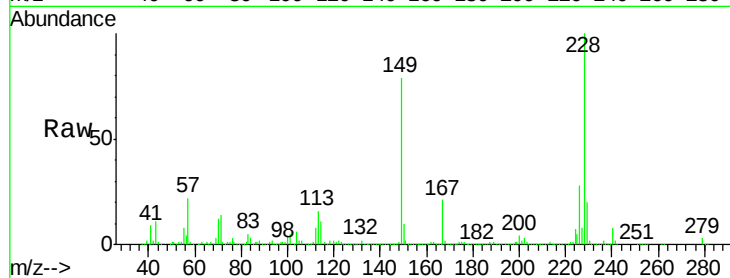
Tgt Ion:149 Resp: 914541

Ion Ratio Lower Upper

149 100

167 27.2 19.7 29.5

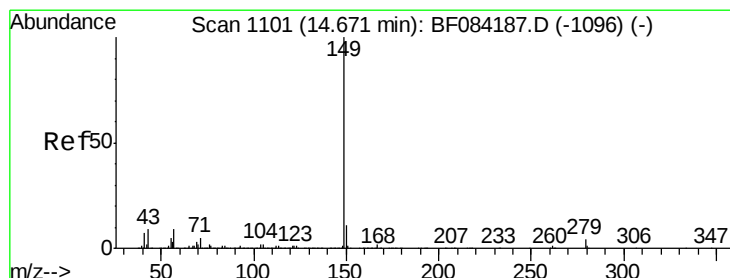
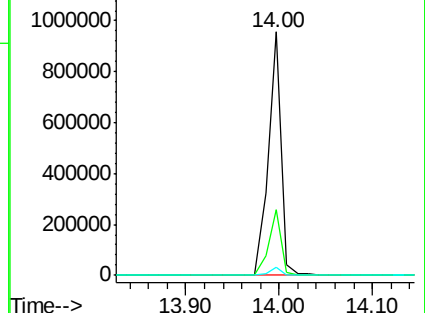
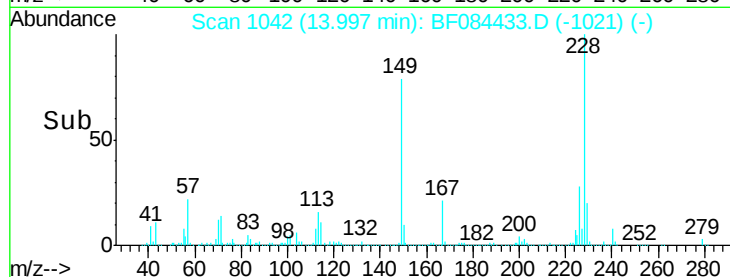
279 3.3 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.78 ng

RT: 14.60 min Scan# 1095

Delta R.T. -0.07 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

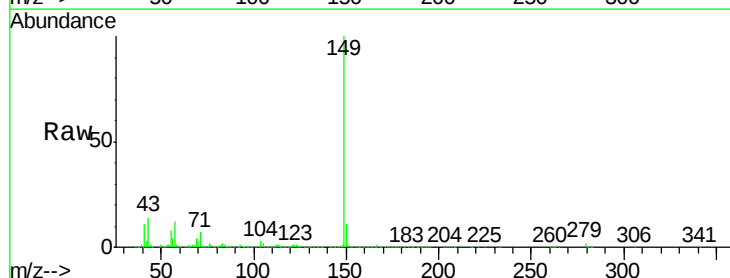
Tgt Ion:149 Resp: 1550112

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

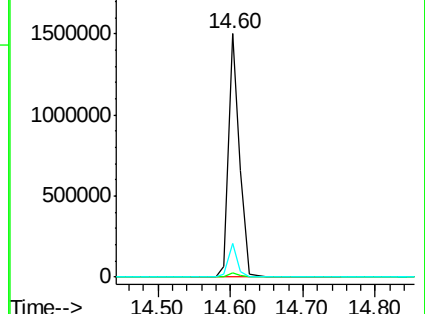
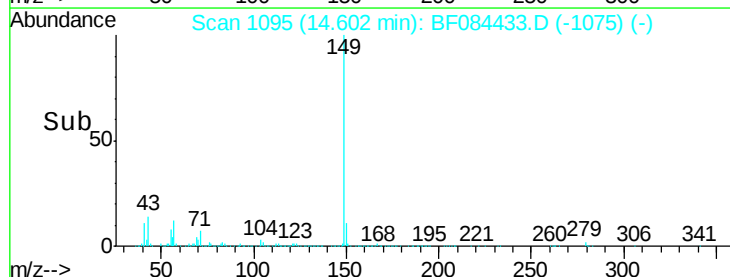
43 11.6 5.6 8.4#

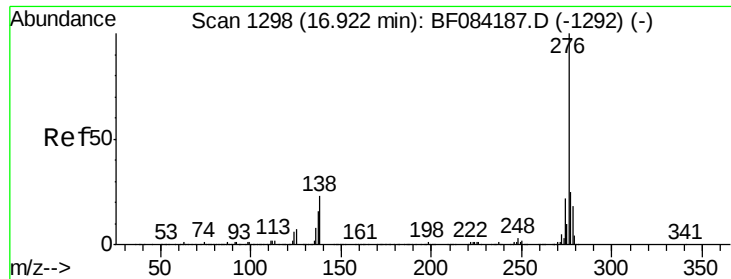


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

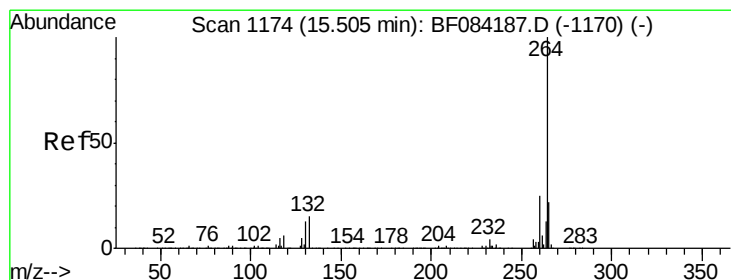
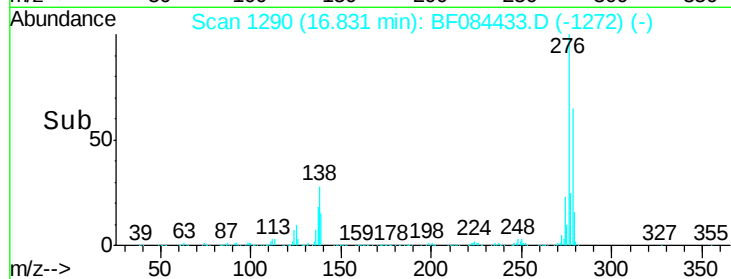
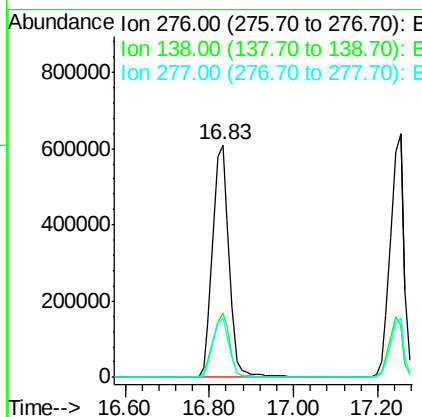
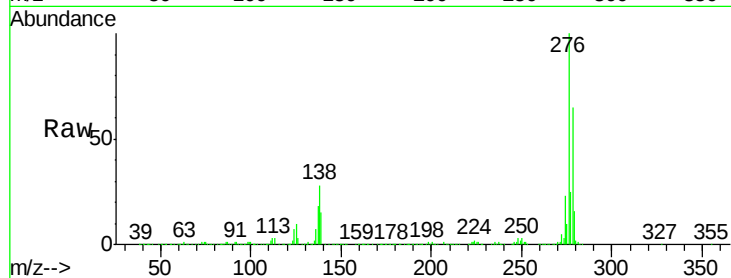




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 75.17 ng
 RT: 16.83 min Scan# 1290
 Delta R.T. -0.09 min
 Lab File: BF084433.D
 Acq: 13 Jan 2016 2:24

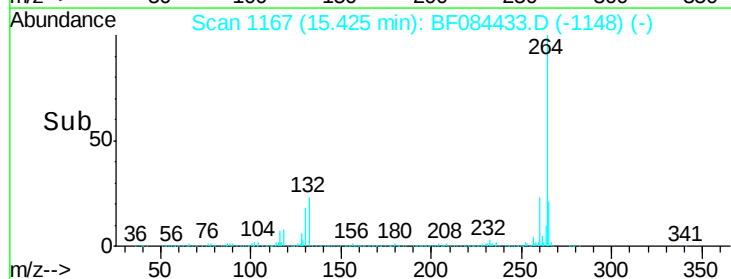
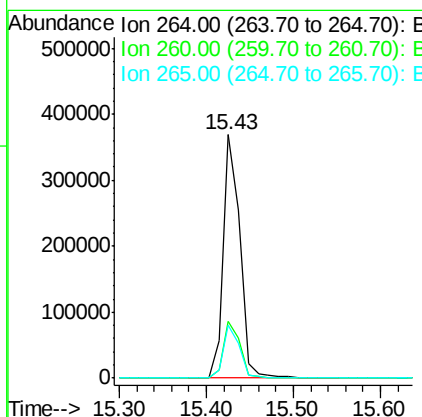
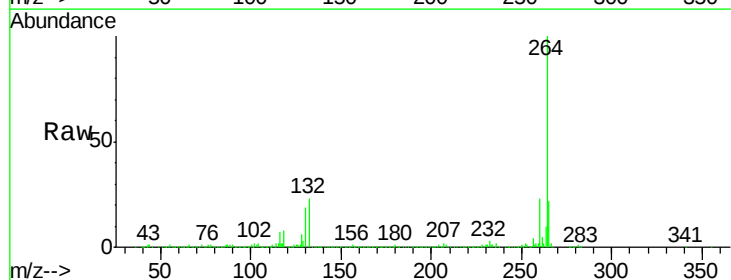
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMS

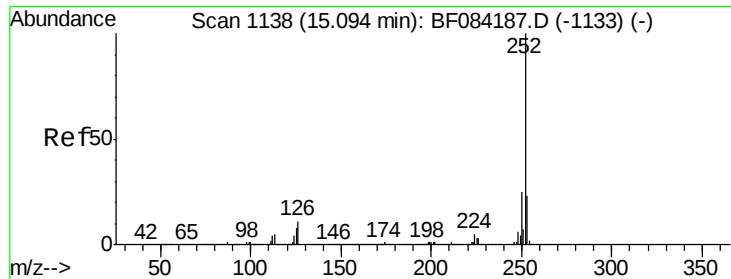
Tgt Ion: 276 Resp: 1681878
 Ion Ratio Lower Upper
 276 100
 138 28.0 20.6 30.8
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF084433.D
 Acq: 13 Jan 2016 2:24

Tgt Ion: 264 Resp: 496975
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 21.6 17.8 26.6

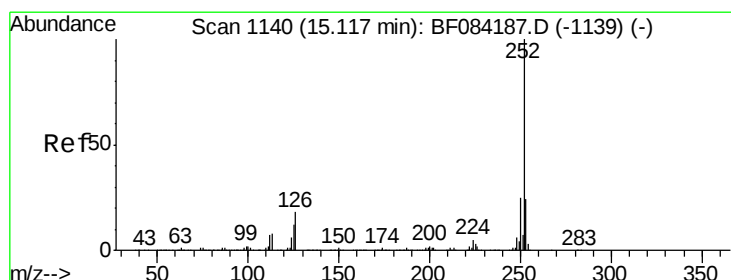
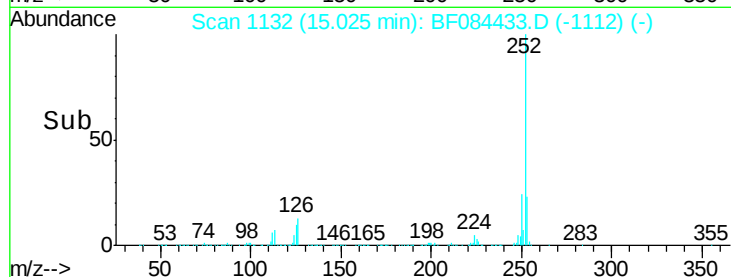
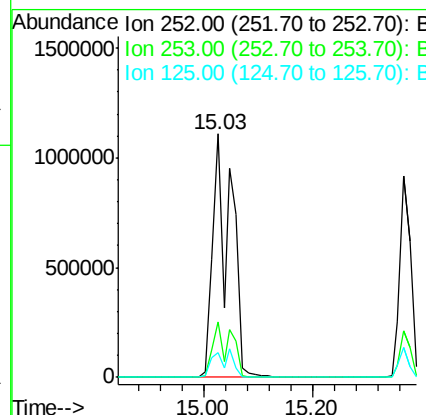
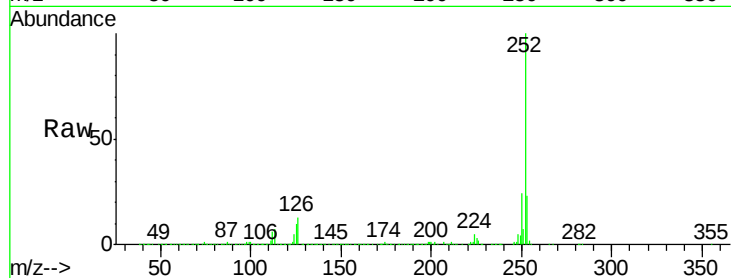




#87
Benzo(b)fluoranthene
Concen: 80.18 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.07 min
Lab File: BF084433.D
Acq: 13 Jan 2016 2:24

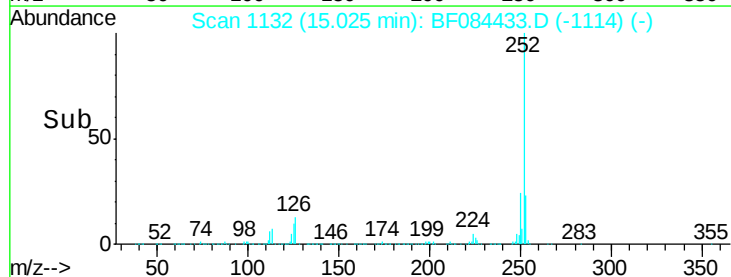
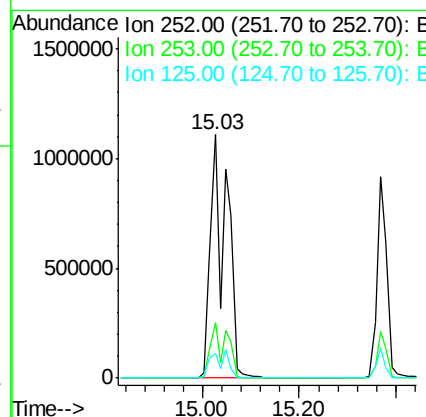
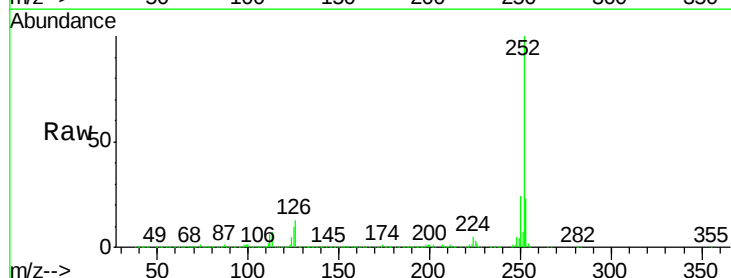
Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMS

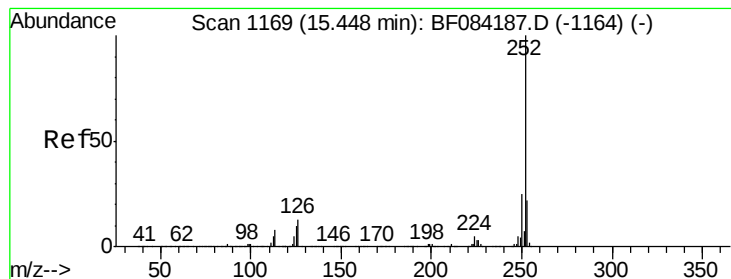
Tgt Ion:252 Resp: 2606508
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 10.3 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 98.13 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.09 min
Lab File: BF084433.D
Acq: 13 Jan 2016 2:24

Tgt Ion:252 Resp: 2609058
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 10.3 9.0 13.6





#89

Benzo(a)pyrene

Concen: 47.15 ng

RT: 15.37 min Scan# 1162

Delta R.T. -0.08 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMS

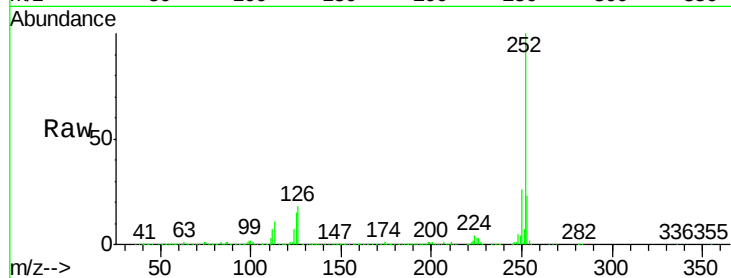
Tgt Ion:252 Resp: 1300169

Ion Ratio Lower Upper

252 100

253 23.2 17.3 25.9

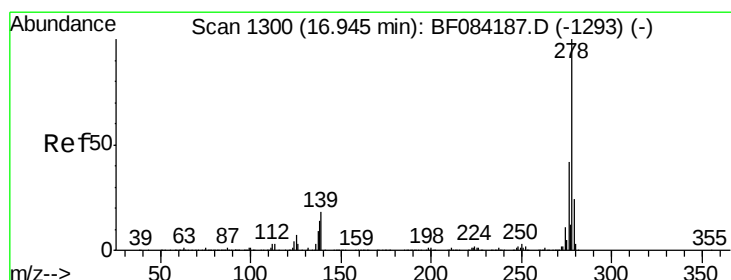
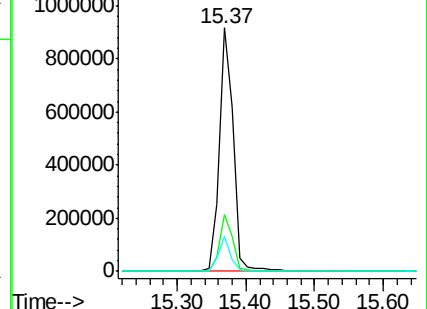
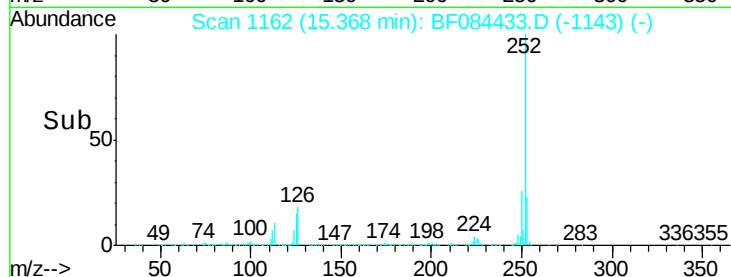
125 14.6 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 57.47 ng

RT: 16.84 min Scan# 1291

Delta R.T. -0.10 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

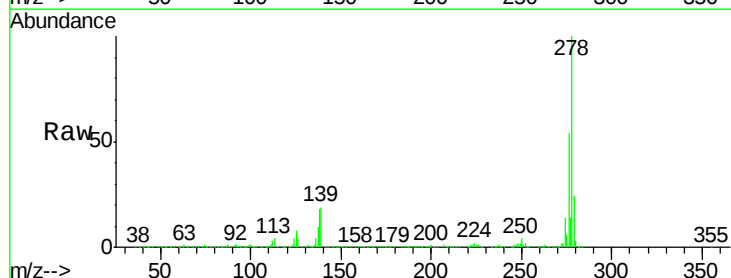
Tgt Ion:278 Resp: 1363569

Ion Ratio Lower Upper

278 100

139 18.9 15.0 22.4

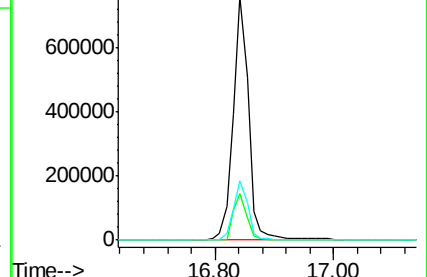
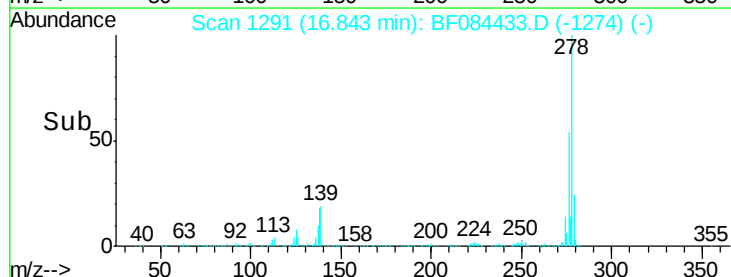
279 24.3 18.9 28.3

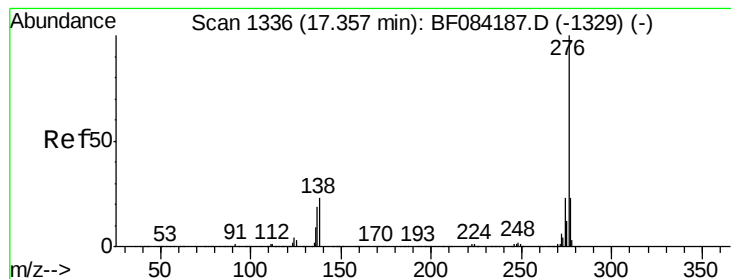


Abundance Ion 278.00 (277.70 to 278.70): E

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: 60.00 ng

RT: 17.25 min Scan# 1327

Delta R.T. -0.10 min

Lab File: BF084433.D

Acq: 13 Jan 2016 2:24

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMS

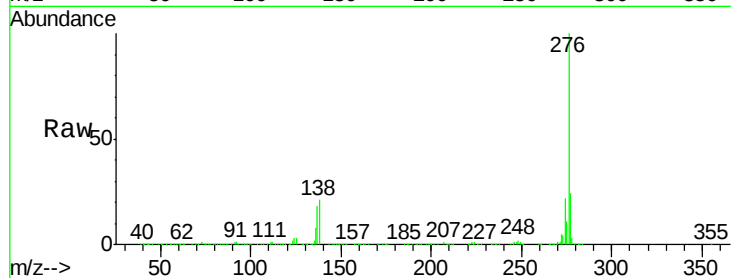
Tgt Ion:276 Resp: 1474291

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 21.2 17.8 26.6



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

