

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
 Data File : BF084434.D
 Acq On : 13 Jan 2016 2:52
 Operator : SJ/UM
 Sample : H1078-08MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMSD

Quant Time: Jan 13 04:50:17 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	259448	20.00	ng	-0.06
21) Naphthalene-d8	8.13	136	1045019	20.00	ng	-0.06
38) Acenaphthene-d10	9.88	164	436424	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	743960	20.00	ng	-0.06
75) Chrysene-d12	14.01	240	454156	20.00	ng	-0.06
86) Perylene-d12	15.43	264	462756	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1110158	69.21	ng	-0.04
7) Phenol-d6	6.49	99	941223	46.72	ng	-0.05
23) Nitrobenzene-d5	7.41	82	1687299	89.86	ng	-0.06
41) 2,4,6-Tribromophenol	10.68	330	602719	136.79	ng	-0.06
44) 2-Fluorobiphenyl	9.21	172	2400458	97.70	ng	-0.06
78) Terphenyl-d14	12.96	244	1908466	93.80	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	160524	21.13	ng	# 82
3) Pyridine	3.21	79	415271	19.60	ng	# 79
4) n-Nitrosodimethylamine	3.13	42	214096	19.69	ng	# 99
6) Aniline	6.51	93	641077	21.75	ng	# 76
8) 2-Chlorophenol	6.64	128	698266	38.37	ng	91
9) Benzaldehyde	6.38	77	185108	14.11	ng	95
10) Phenol	6.50	94	419096	18.30	ng	82
11) bis(2-Chloroethyl)ether	6.58	93	784926	44.24	ng	# 82
12) 1,3-Dichlorobenzene	6.78	146	829440	44.18	ng	98
13) 1,4-Dichlorobenzene	6.78	146	829440	44.06	ng	95
14) 1,2-Dichlorobenzene	7.01	146	743209	41.22	ng	97
15) Benzyl Alcohol	6.99	79	508445	30.00	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1367140	42.31	ng	87
17) 2-Methylphenol	7.12	107	492800	32.31	ng	# 92
18) Hexachloroethane	7.36	117	299632	39.80	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	595644	43.68	ng	# 76
20) 3+4-Methylphenols	7.26	107	514851	28.72	ng	# 76
22) Acetophenone	7.25	105	1115818	44.40	ng	99
24) Nitrobenzene	7.44	77	928694	48.77	ng	# 85
25) Isophorone	7.68	82	1687360	46.99	ng	# 94
26) 2-Nitrophenol	7.74	139	409155	47.21	ng	# 82
27) 2,4-Dimethylphenol	7.79	122	650931	37.10	ng	94
28) bis(2-Chloroethoxy)methane	7.88	93	985204	44.91	ng	99
29) 2,4-Dichlorophenol	8.00	162	660985	45.23	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	720816	47.78	ng	# 94
31) Naphthalene	8.16	128	2366889	49.92	ng	99
32) Benzoic acid	7.88	122	121590	15.62	ng	95
33) 4-Chloroaniline	8.20	127	367761	16.92	ng	97
34) Hexachlorobutadiene	8.27	225	359141	41.41	ng	97
35) Caprolactam	8.57	113	36237	7.36	ng	# 47
36) 4-Chloro-3-methylphenol	8.69	107	677775	41.40	ng	98
37) 2-Methylnaphthalene	8.84	142	1423591	41.83	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	654620	52.18	ng	99
40) Hexachlorocyclopentadiene	9.00	237	667681	88.15	ng	99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
 Data File : BF084434.D
 Acq On : 13 Jan 2016 2:52
 Operator : SJ/UM
 Sample : H1078-08MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMSD

Quant Time: Jan 13 04:50:17 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)
42) 2,4,6-Trichlorophenol	9.13	196	454886	48.46	ng	94
43) 2,4,5-Trichlorophenol	9.17	196	445197	49.47	ng	94
45) 1,1'-Biphenyl	9.31	154	1861597	53.67	ng	98
46) 2-Chloronaphthalene	9.33	162	1365987	50.14	ng	94
47) 2-Nitroaniline	9.44	65	466407	51.87	ng	# 60
48) Acenaphthylene	9.74	152	1986442	49.35	ng	97
49) Dimethylphthalate	9.62	163	1734329	55.59	ng	# 91
50) 2,6-Dinitrotoluene	9.68	165	377771	55.21	ng	# 72
51) Acenaphthene	9.92	154	1433429	53.09	ng	98
52) 3-Nitroaniline	9.84	138	168153	19.83	ng	94
53) 2,4-Dinitrophenol	9.95	184	338399	114.49	ng	# 85
54) Dibenzofuran	10.09	168	1810512	52.25	ng	92
55) 4-Nitrophenol	10.02	139	204958	33.30	ng	88
56) 2,4-Dinitrotoluene	10.08	165	429764	49.62	ng	92
57) Fluorene	10.43	166	1248513	46.24	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	366096	47.65	ng	89
59) Diethylphthalate	10.32	149	1574790	51.19	ng	96
60) 4-Chlorophenyl-phenylether	10.43	204	676620	62.36	ng	94
61) 4-Nitroaniline	10.45	138	311993	41.28	ng	87
62) Azobenzene	10.59	77	1766144	52.35	ng	96
64) 4,6-Dinitro-2-methylphenol	10.49	198	243233	54.88	ng	79
65) n-Nitrosodiphenylamine	10.54	169	1179915	49.60	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	443106	55.34	ng	97
67) Hexachlorobenzene	10.98	284	434109	48.17	ng	# 85
68) Atrazine	11.08	200	386254	49.62	ng	93
69) Pentachlorophenol	11.17	266	384751	82.33	ng	97
70) Phenanthrene	11.39	178	1926153	49.50	ng	97
71) Anthracene	11.45	178	2060065	54.00	ng	97
72) Carbazole	11.61	167	1739309	46.64	ng	98
73) Di-n-butylphthalate	11.94	149	2163693	58.88	ng	# 97
74) Fluoranthene	12.58	202	1720628	42.33	ng	98
76) Benzidine	12.70	184	183334	11.26	ng	97
77) Pyrene	12.81	202	1715274	48.13	ng	98
79) Butylbenzylphthalate	13.44	149	748778	48.55	ng	# 88
80) Benzo(a)anthracene	14.00	228	1246562	46.75	ng	100
81) 3,3'-Dichlorobenzidine	13.96	252	243596	26.17	ng	# 98
82) Chrysene	14.03	228	1199105	46.79	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	906397	46.52	ng	# 96
84) Di-n-octyl phthalate	14.60	149	1543654	46.93	ng	# 89
85) Indeno(1,2,3-cd)pyrene	16.83	276	1674341	82.43	ng	97
87) Benzo(h)fluoranthene	15.03	252	2527082	83.48	ng	# 96
88) Benzo(k)fluoranthene	15.03	252	2527082	102.08	ng	100
89) Benzo(a)pyrene	15.37	252	1298400	50.57	ng	# 94
90) Dibenzo(a,h)anthracene	16.84	278	1372016	62.10	ng	99
91) Benzo(g,h,i)perylene	17.25	276	1461964	63.90	ng	99

(#) = 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

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMSD

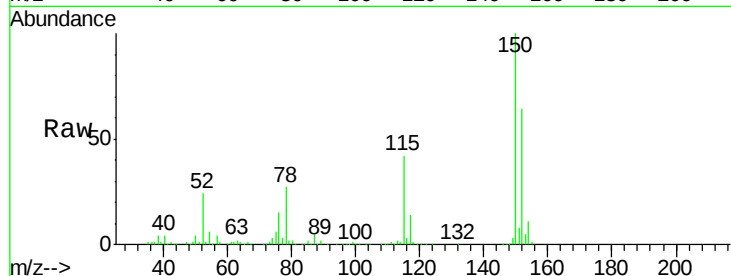
Tgt Ion:152 Resp: 259448

Ion Ratio Lower Upper

152 100

150 155.8 123.0 184.4

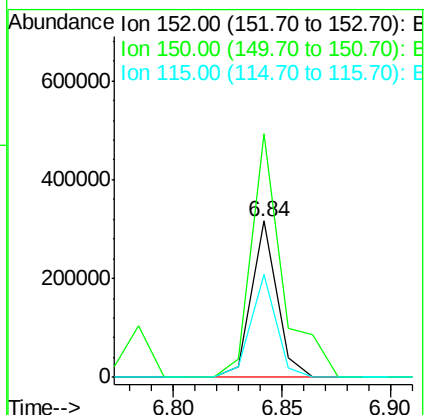
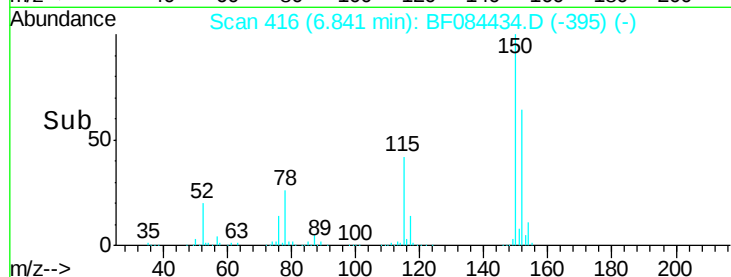
115 65.7 51.4 77.2



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: 21.13 ng

RT: 2.46 min Scan# 33

Delta R.T. -0.07 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

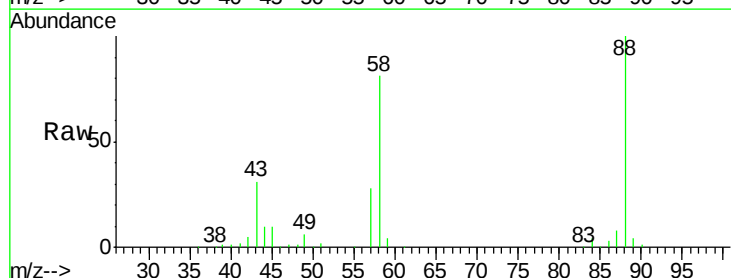
Tgt Ion: 88 Resp: 160524

Ion Ratio Lower Upper

88 100

58 81.7 51.2 76.8#

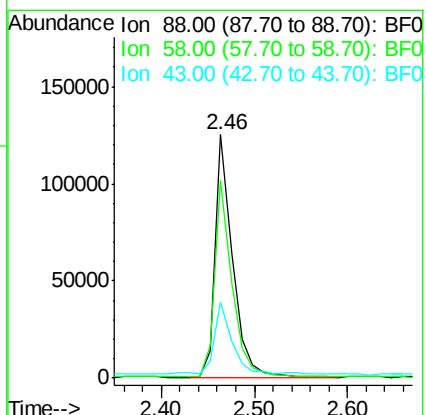
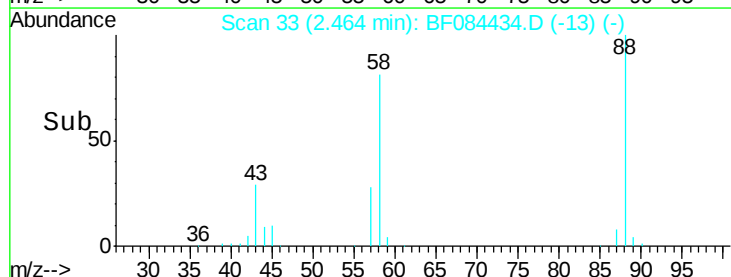
43 28.0 19.5 29.3

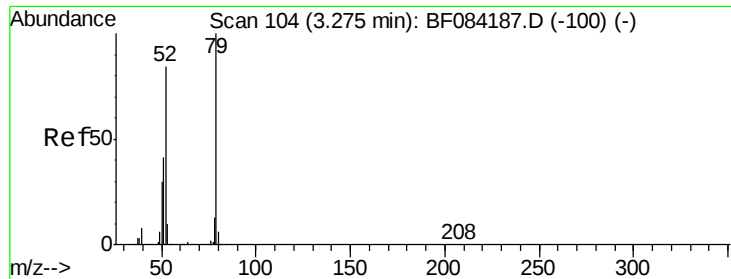


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 19.60 ng

RT: 3.21 min Scan# 98

Delta R.T. -0.07 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMSD

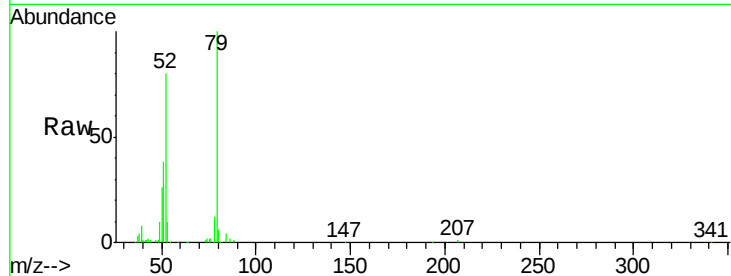
Tgt Ion: 79 Resp: 415271

Ion Ratio Lower Upper

79 100

52 80.4 49.0 73.4#

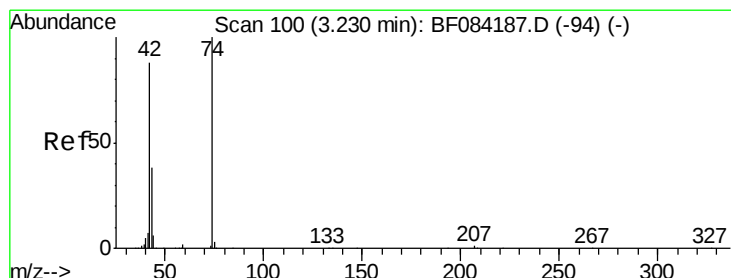
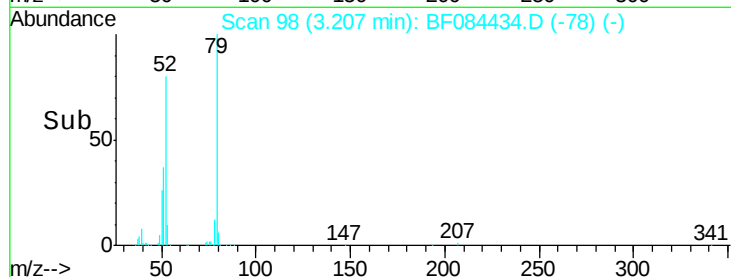
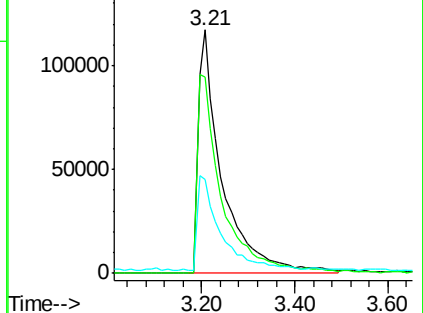
51 38.5 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 19.69 ng

RT: 3.13 min Scan# 91

Delta R.T. -0.10 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

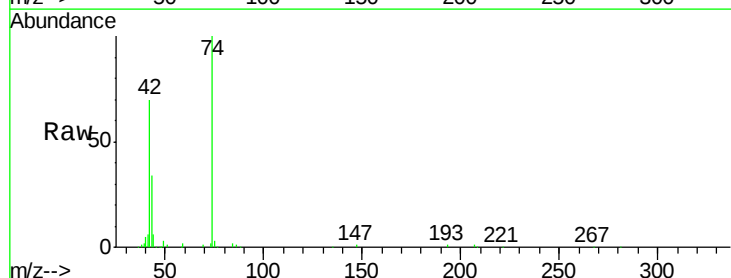
Tgt Ion: 42 Resp: 214096

Ion Ratio Lower Upper

42 100

74 143.0 115.7 173.5

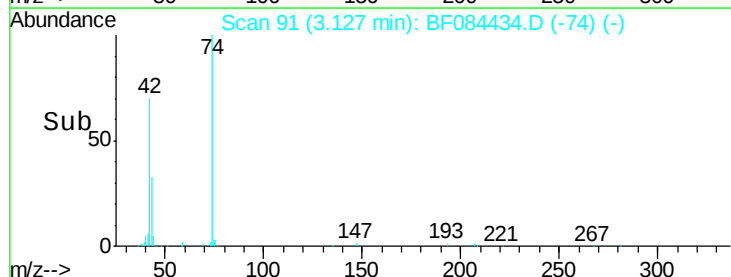
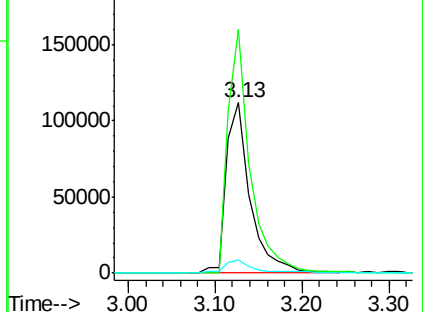
44 8.0 5.1 7.7#

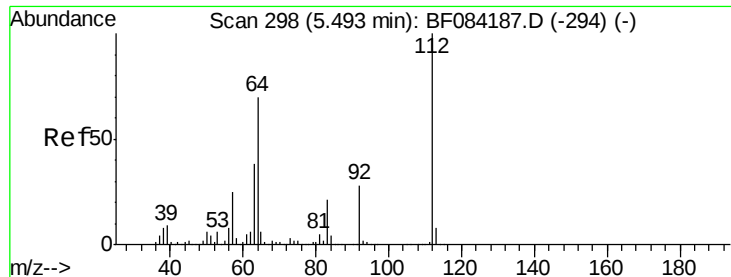


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 69.21 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.04 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMSD

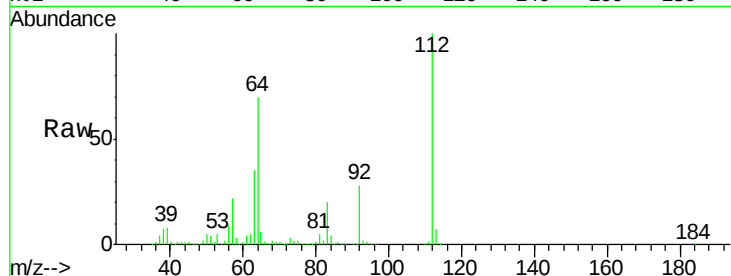
Tgt Ion: 112 Resp: 1110158

Ion Ratio Lower Upper

112 100

64 70.2 36.6 55.0#

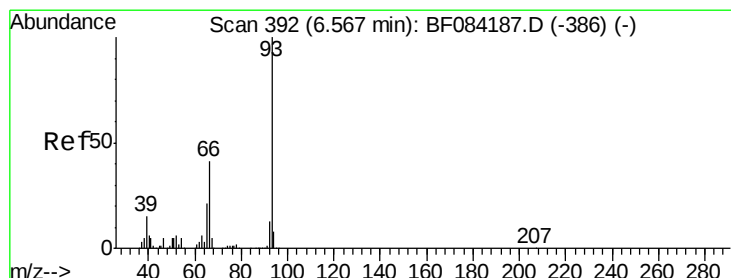
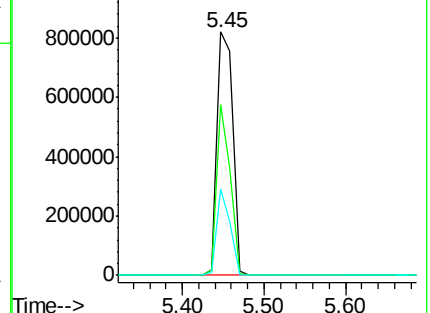
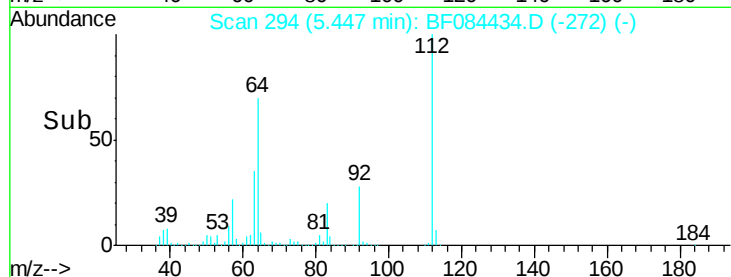
63 35.5 19.4 29.0#



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: 21.75 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

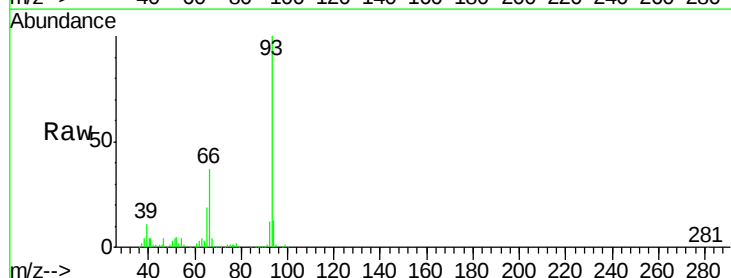
Tgt Ion: 93 Resp: 641077

Ion Ratio Lower Upper

93 100

66 37.3 44.9 67.3#

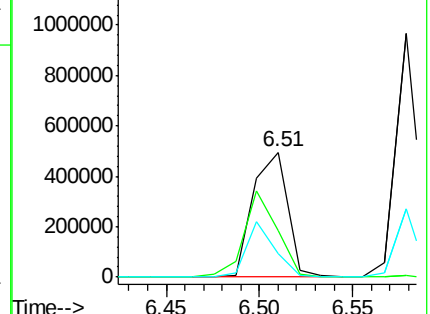
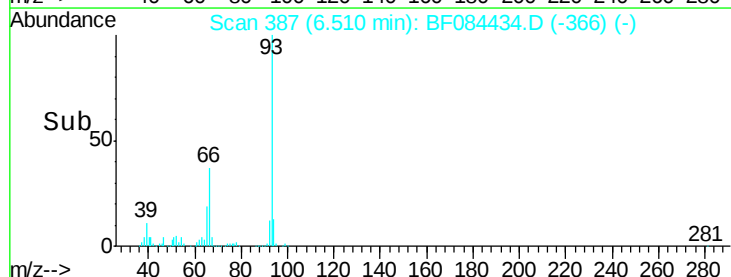
65 19.1 23.7 35.5#

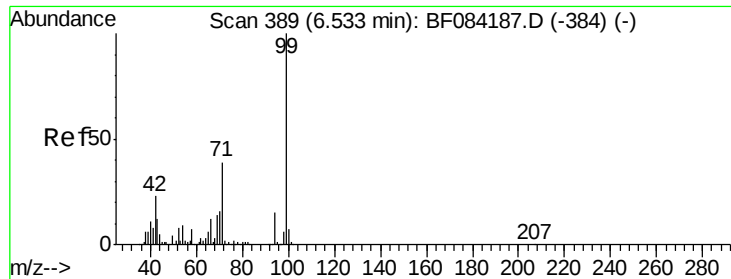


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 46.72 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMSD

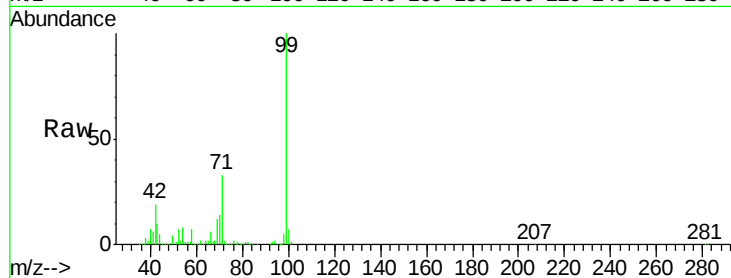
Tgt Ion: 99 Resp: 941223

Ion Ratio Lower Upper

99 100

42 18.7 12.8 19.2

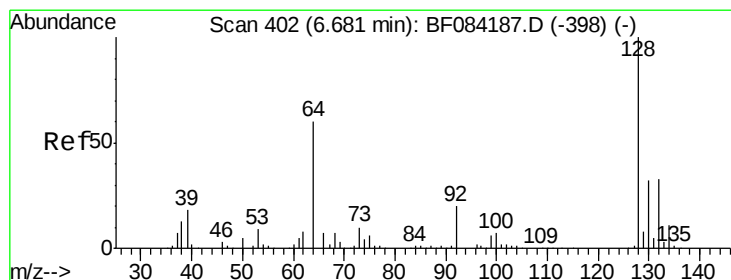
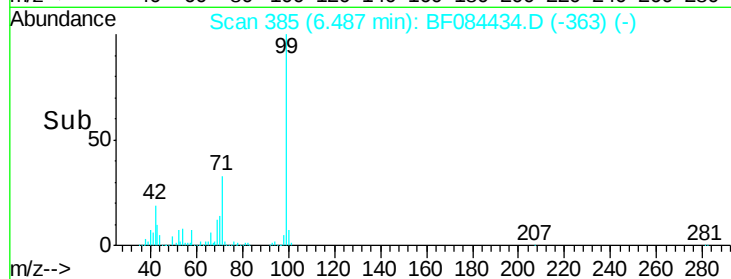
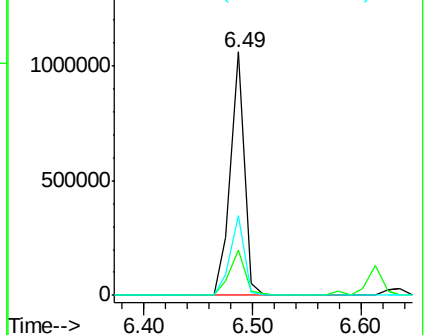
71 33.0 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.37 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

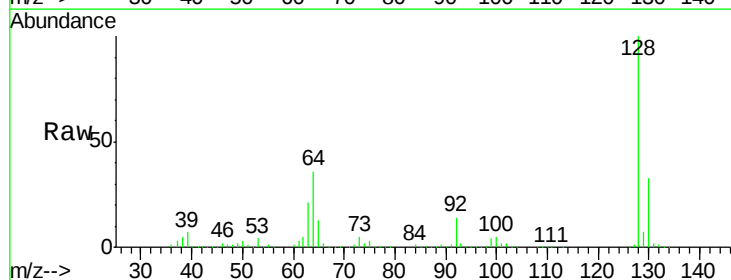
Tgt Ion: 128 Resp: 698266

Ion Ratio Lower Upper

128 100

130 33.5 11.6 51.6

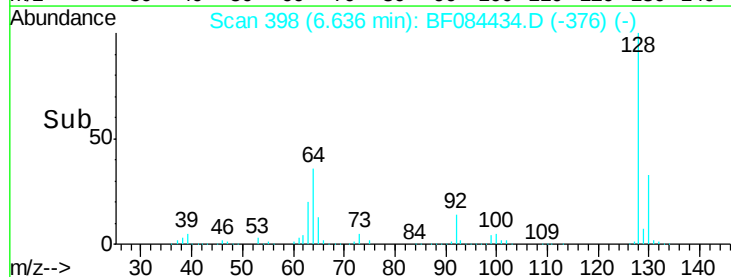
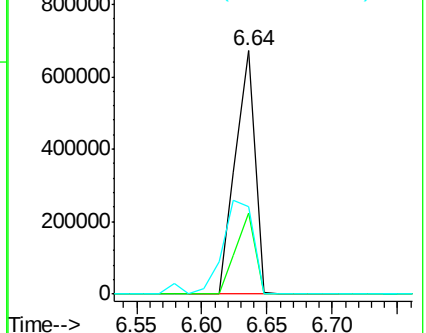
64 35.9 23.8 63.8

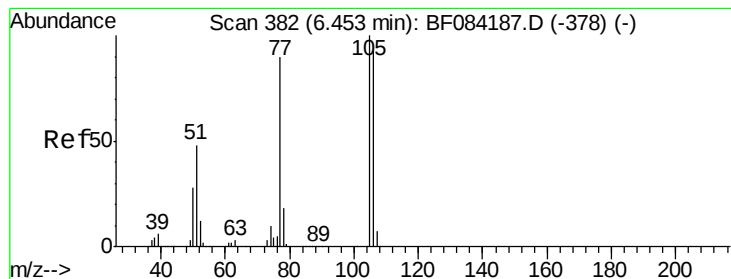


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.11 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.07 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMSD

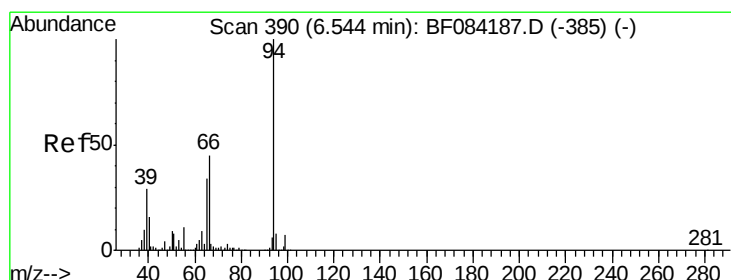
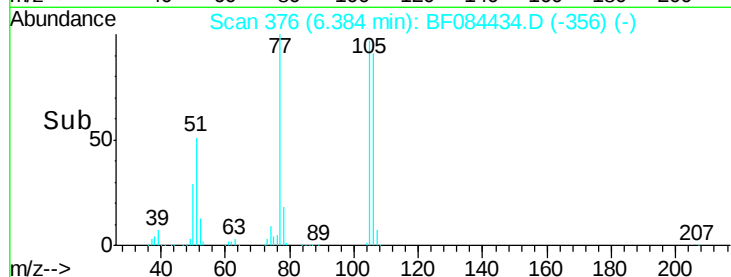
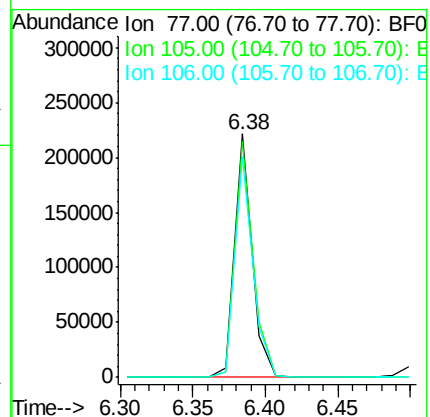
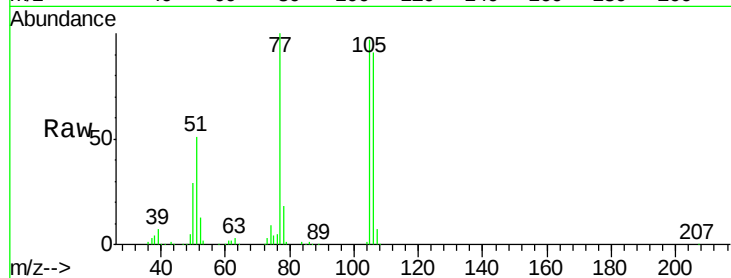
Tgt Ion: 77 Resp: 185108

Ion Ratio Lower Upper

77 100

105 96.7 83.0 123.0

106 90.6 74.6 114.6



#10

Phenol

Concen: 18.30 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.05 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

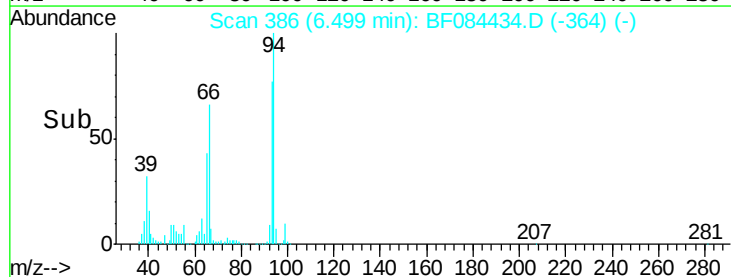
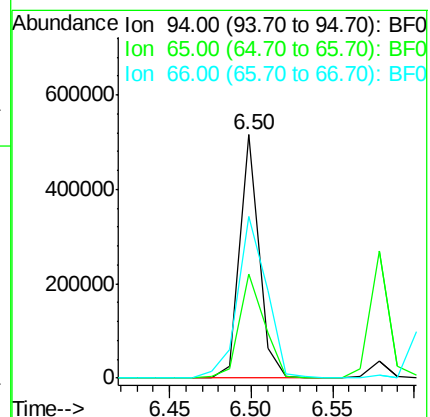
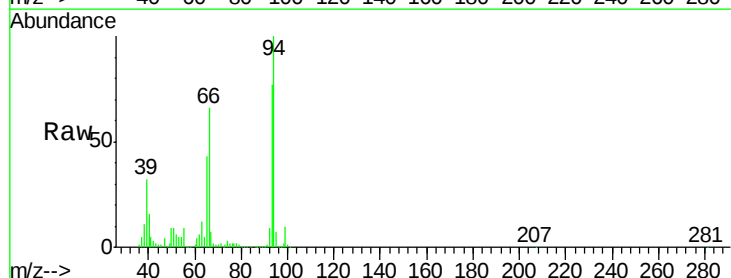
Tgt Ion: 94 Resp: 419096

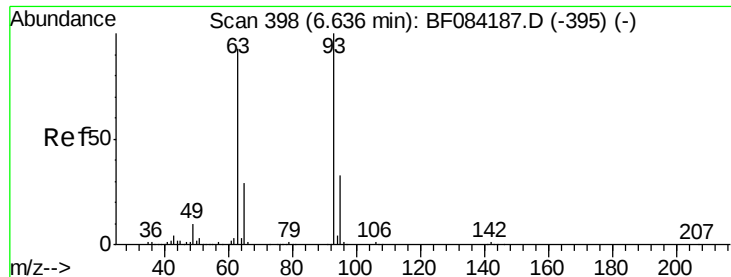
Ion Ratio Lower Upper

94 100

65 42.6 12.9 52.9

66 66.3 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 44.24 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMSD

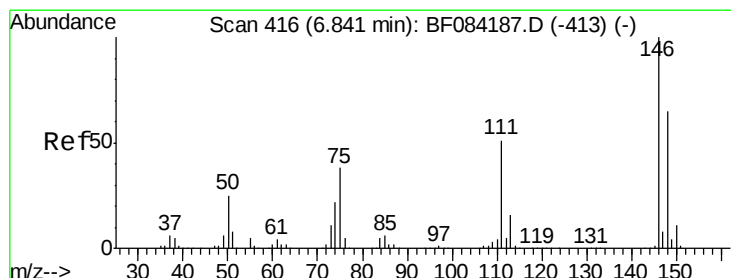
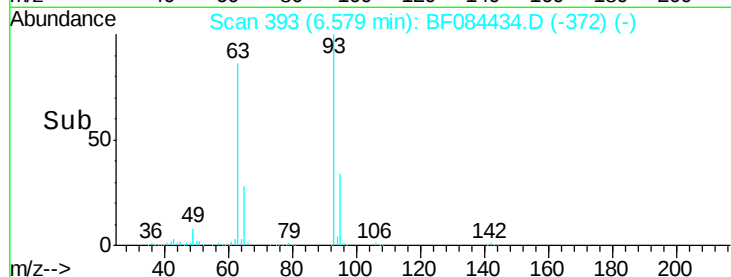
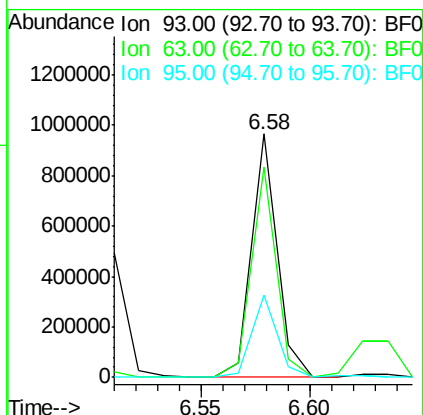
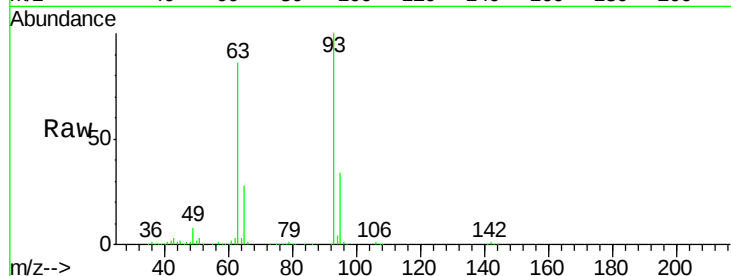
Tgt Ion: 93 Resp: 784926

Ion Ratio Lower Upper

93 100

63 86.3 45.9 85.9#

95 33.7 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 44.18 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

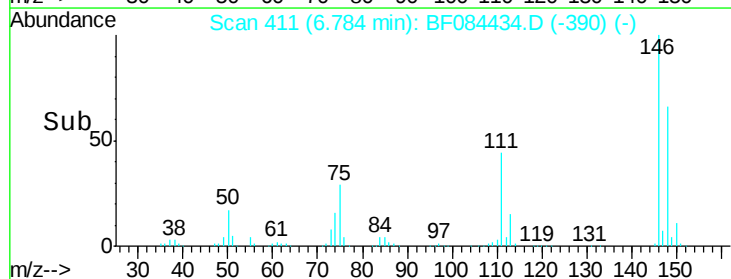
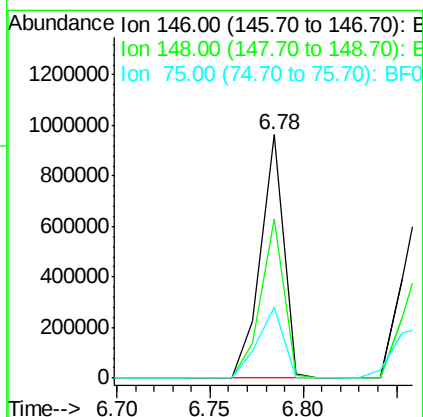
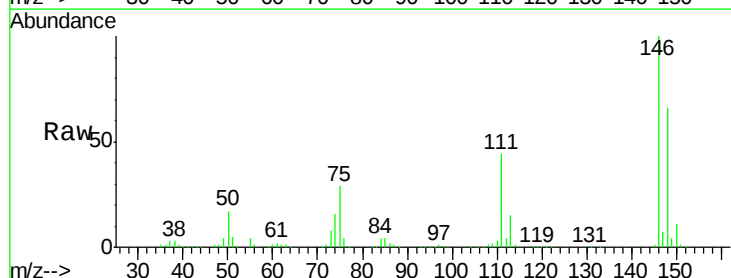
Tgt Ion: 146 Resp: 829440

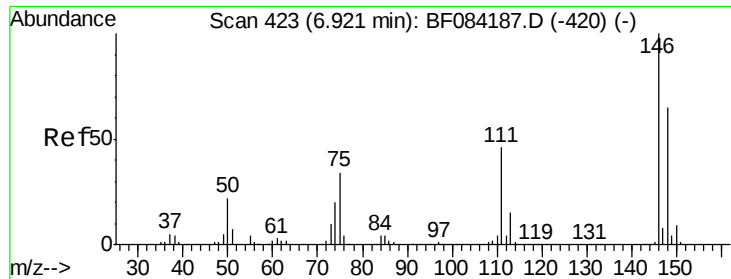
Ion Ratio Lower Upper

146 100

148 65.5 51.9 77.9

75 28.9 20.5 30.7

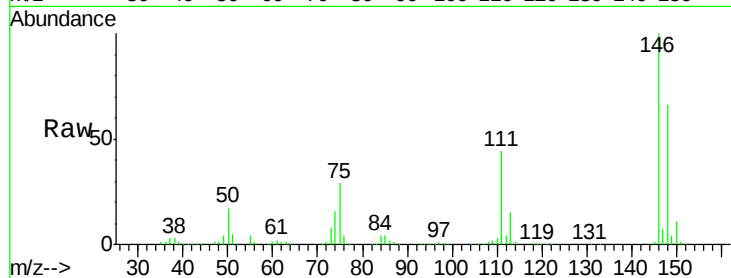




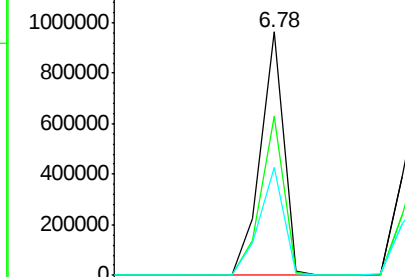
#13
 1,4-Dichlorobenzene
 Concen: 44.06 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.14 min
 Lab File: BF084434.D
 Acq: 13 Jan 2016 2:52

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMSD

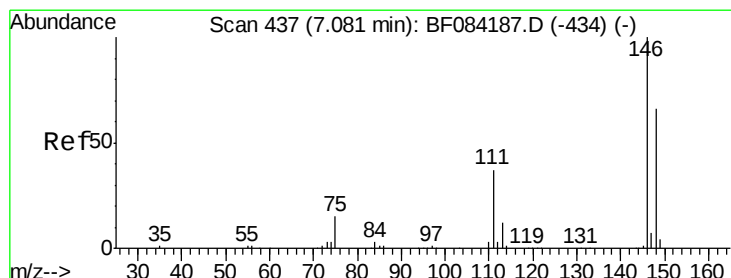
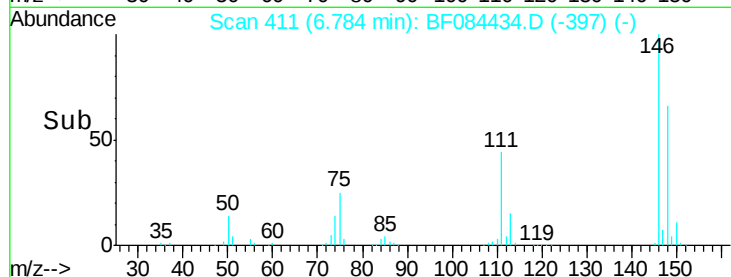
Tgt Ion:146 Resp: 829440
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.9 77.9
 111 44.3 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

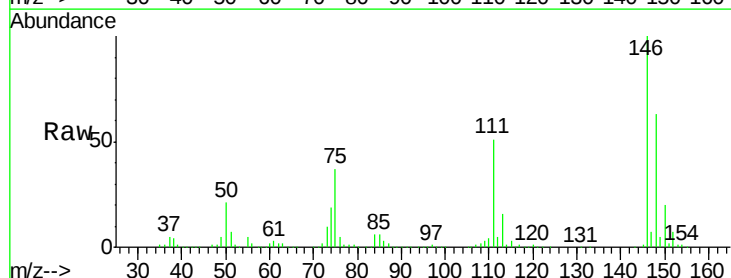


Time--> 6.70 6.75 6.80

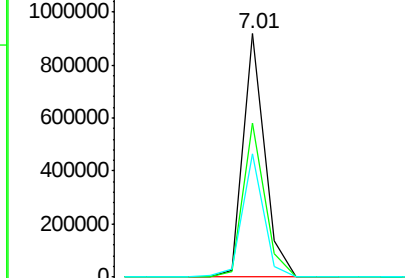


#14
 1,2-Dichlorobenzene
 Concen: 41.22 ng
 RT: 7.01 min Scan# 431
 Delta R.T. -0.07 min
 Lab File: BF084434.D
 Acq: 13 Jan 2016 2:52

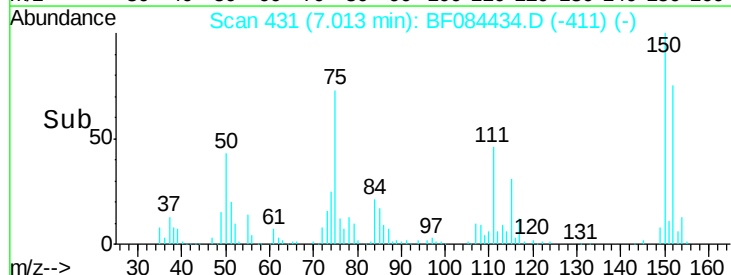
Tgt Ion:146 Resp: 743209
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.6 77.4
 111 50.5 38.0 57.0

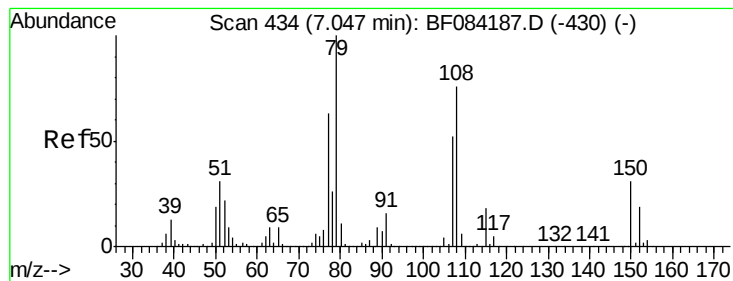


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E



Time--> 6.95 7.00 7.05





#15

Benzyl Alcohol

Concen: 30.00 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMSD

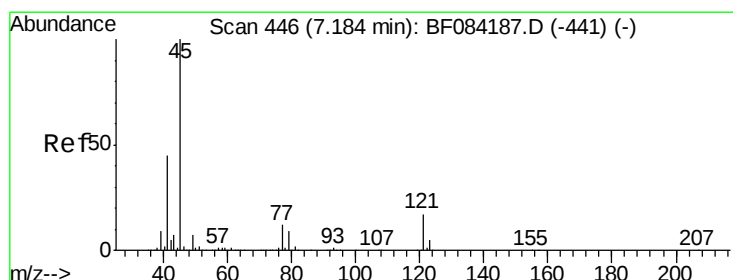
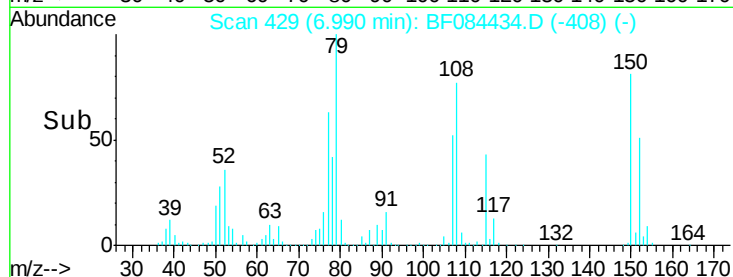
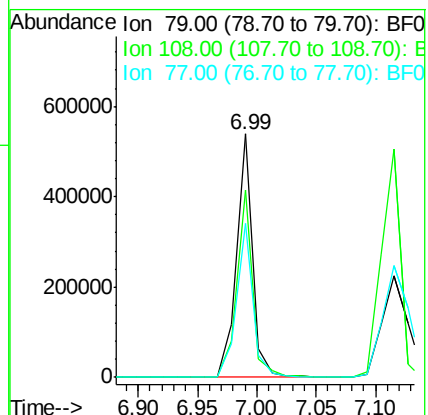
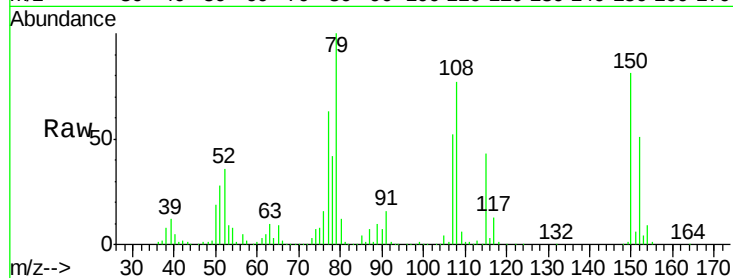
Tgt Ion: 79 Resp: 508445

Ion Ratio Lower Upper

79 100

108 77.1 69.0 103.4

77 63.1 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.31 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

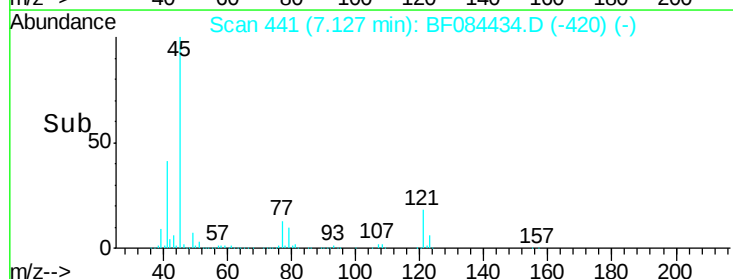
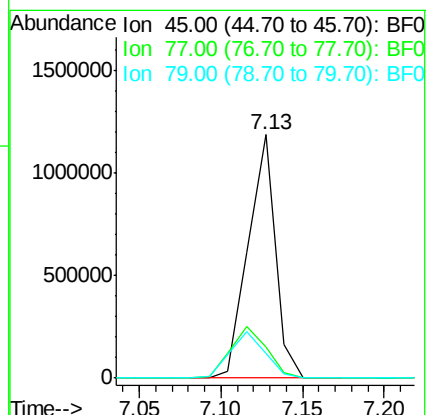
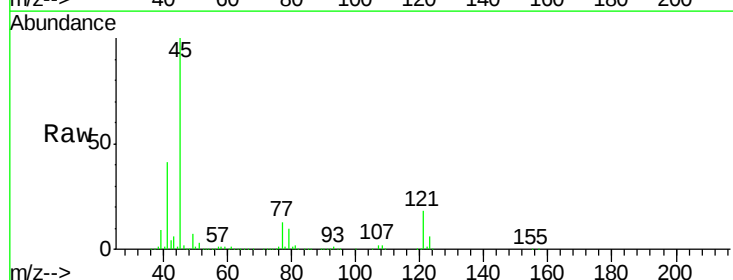
Tgt Ion: 45 Resp: 1367140

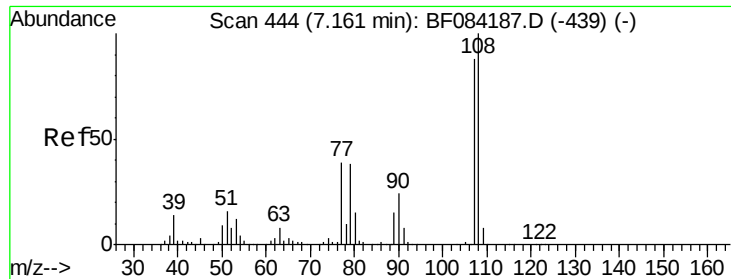
Ion Ratio Lower Upper

45 100

77 12.9 0.0 39.6

79 10.2 0.0 35.0

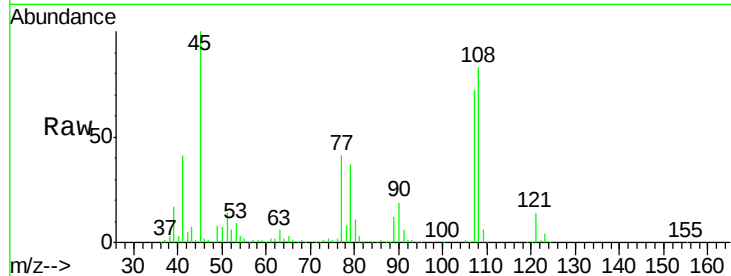




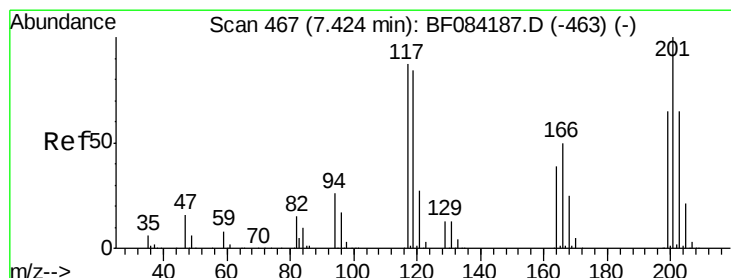
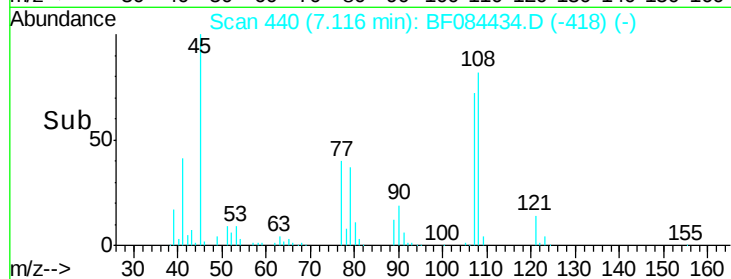
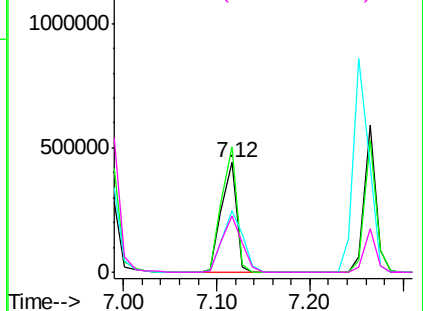
#17
 2-Methylphenol
 Concen: 32.31 ng
 RT: 7.12 min Scan# 440
 Delta R.T. -0.05 min
 Lab File: BF084434.D
 Acq: 13 Jan 2016 2:52

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.9	89.8	134.6
77	56.4	35.7	53.5#
79	51.1	35.7	53.5

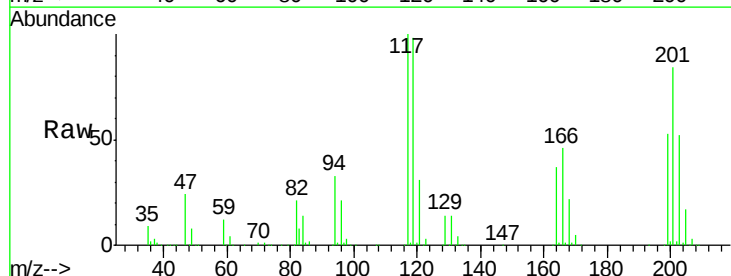


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

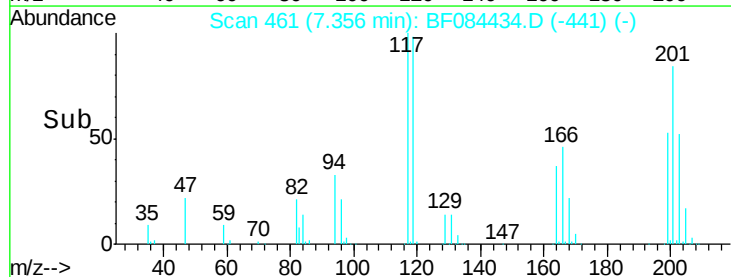
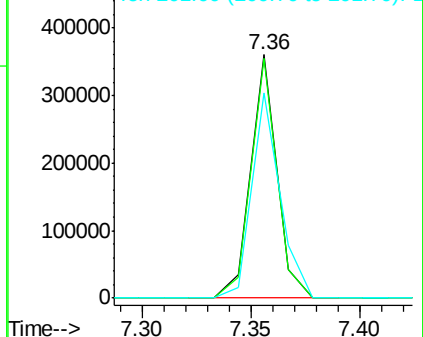


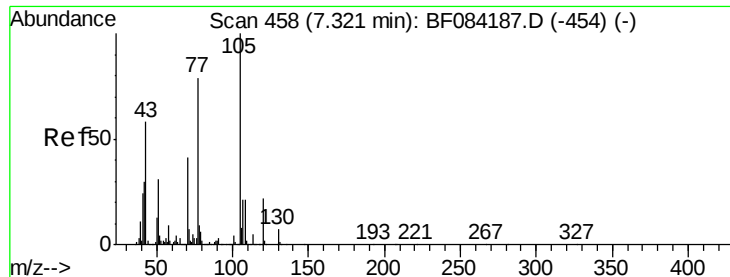
#18
 Hexachloroethane
 Concen: 39.80 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.07 min
 Lab File: BF084434.D
 Acq: 13 Jan 2016 2:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.4	116.0
201	84.1	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

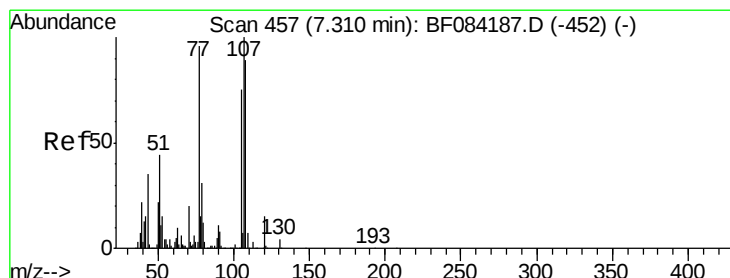
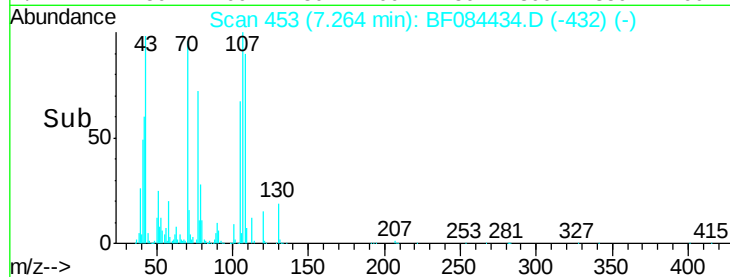
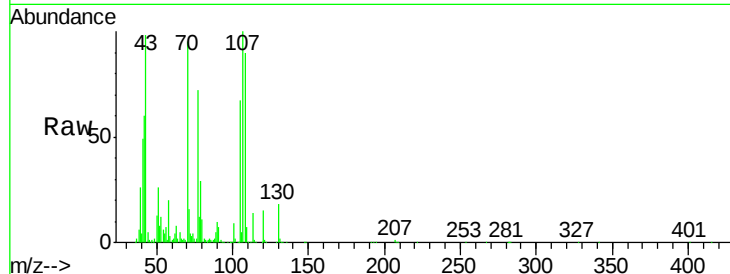
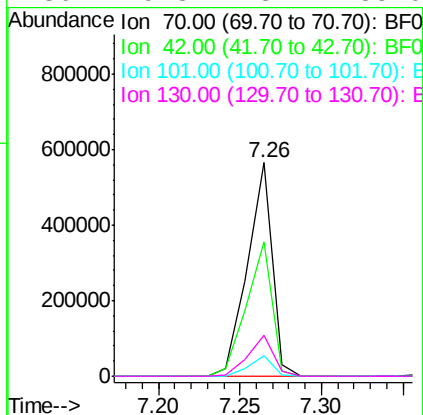




#19
n-Nitroso-di-n-propylamine
Concen: 43.68 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

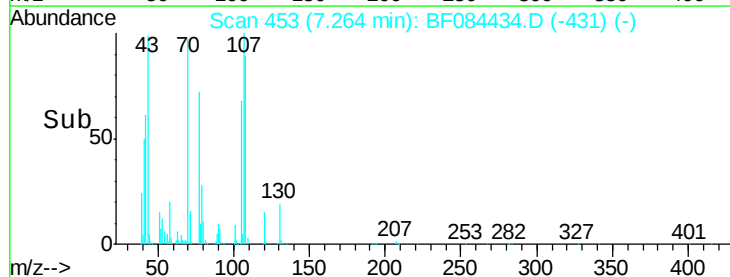
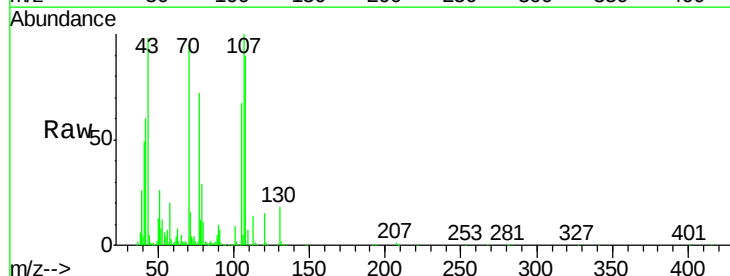
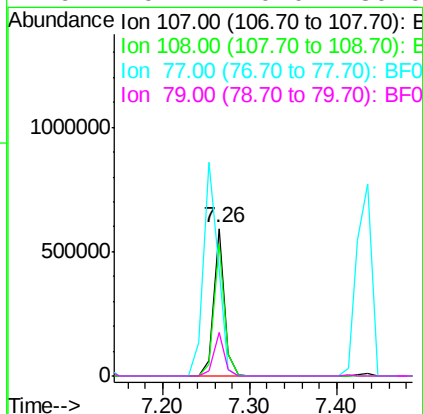
Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.7	33.3	49.9#
101	9.6	9.3	13.9
130	19.3	23.4	35.0#



#20
3+4-Methylphenols
Concen: 28.72 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.05 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	74.6	114.6
77	71.8	0.7	40.7#
79	29.2	0.0	39.0



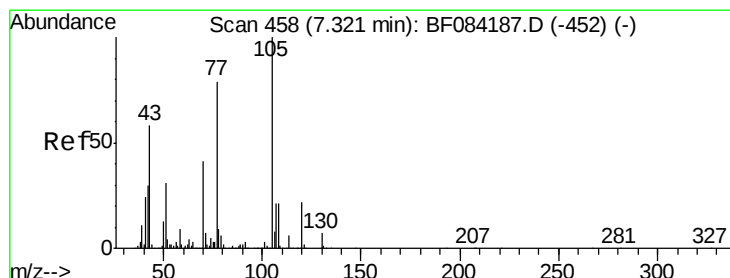
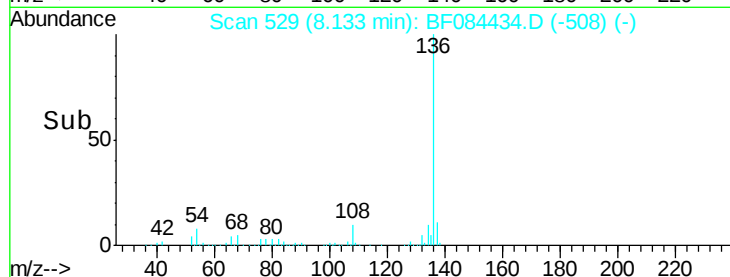
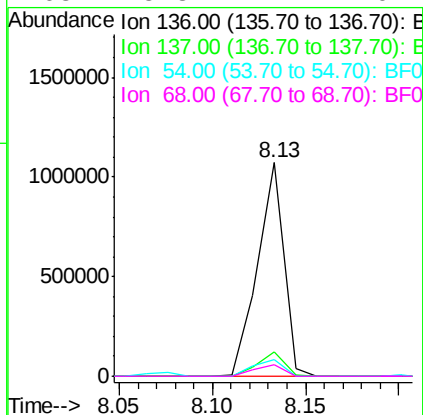
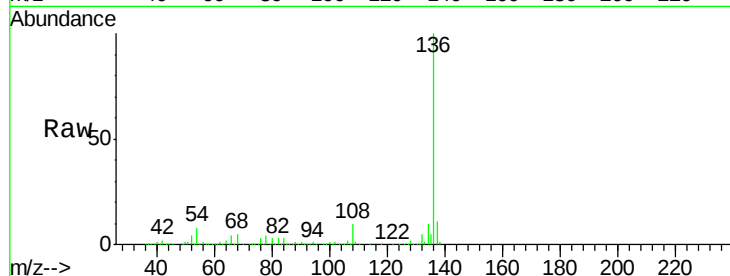


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

Tgt Ion:136 Resp: 1045019

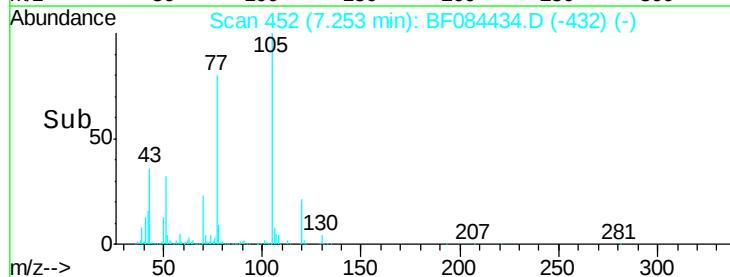
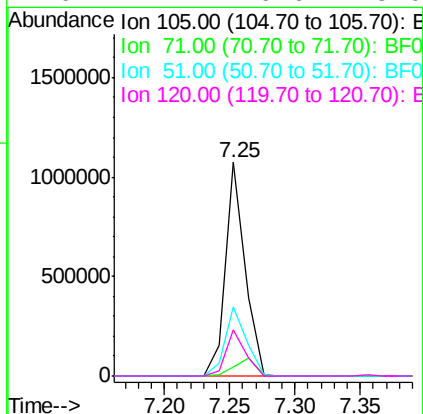
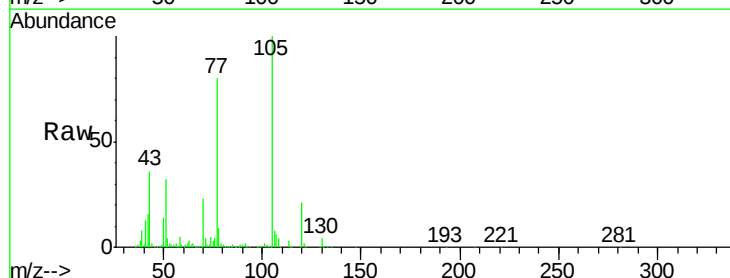
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	7.8	5.8	8.8
68	5.3	4.2	6.2



#22
Acetophenone
Concen: 44.40 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.07 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:105 Resp: 1115818

Ion	Ratio	Lower	Upper
105	100		
71	3.9	3.7	5.5
51	32.3	25.1	37.7
120	21.4	16.6	25.0

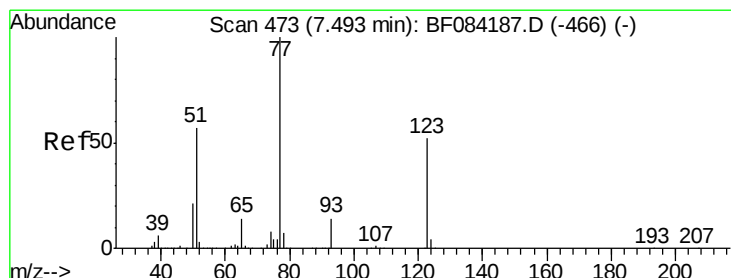
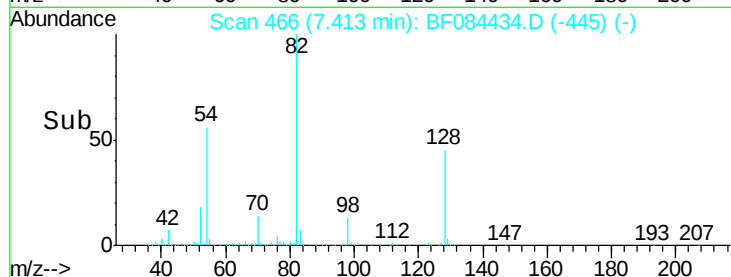
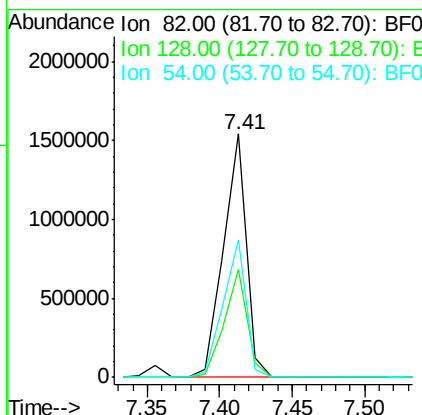
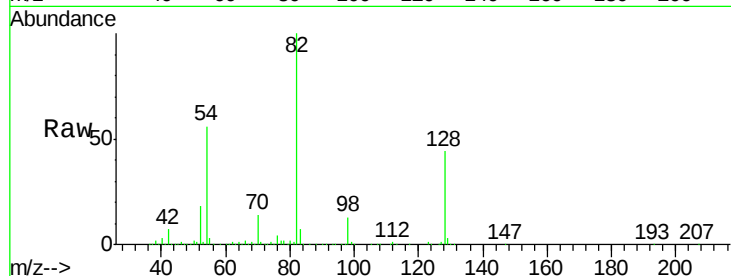




#23
 Nitrobenzene-d5
 Concen: 89.86 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.06 min
 Lab File: BF084434.D
 Acq: 13 Jan 2016 2:52

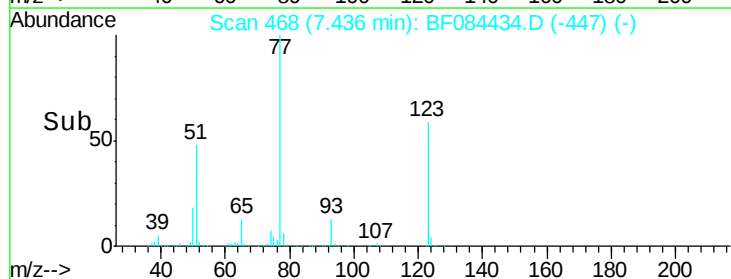
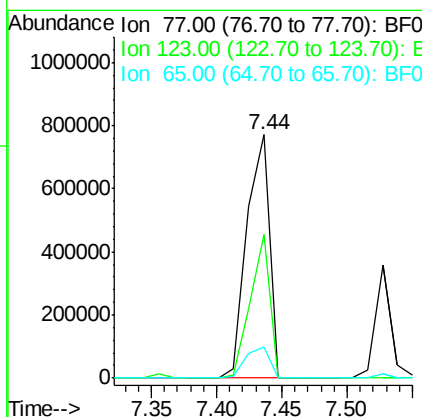
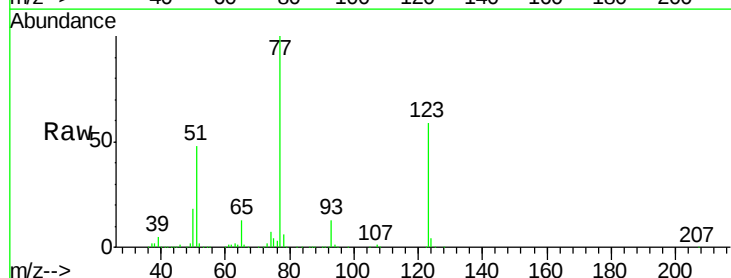
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMSD

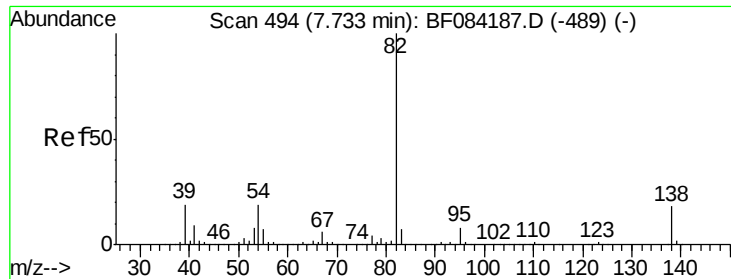
Tgt Ion: 82 Resp: 1687299
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.6 51.8
 54 56.2 38.4 57.6



#24
 Nitrobenzene
 Concen: 48.77 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.06 min
 Lab File: BF084434.D
 Acq: 13 Jan 2016 2:52

Tgt Ion: 77 Resp: 928694
 Ion Ratio Lower Upper
 77 100
 123 59.0 37.4 56.2#
 65 12.9 10.9 16.3





#25

Isophorone

Concen: 46.99 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMSD

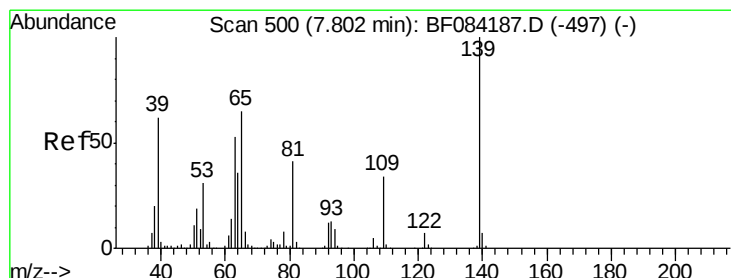
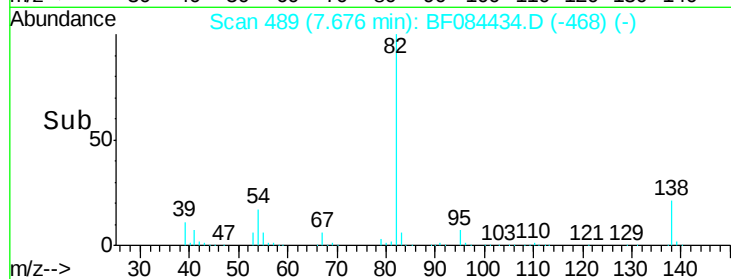
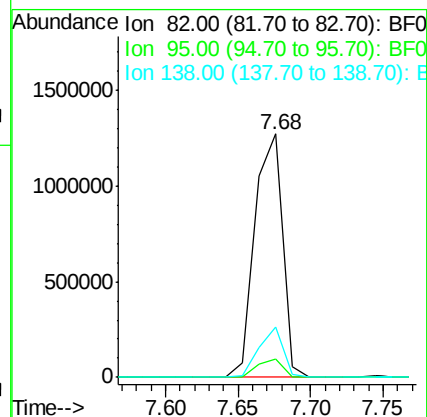
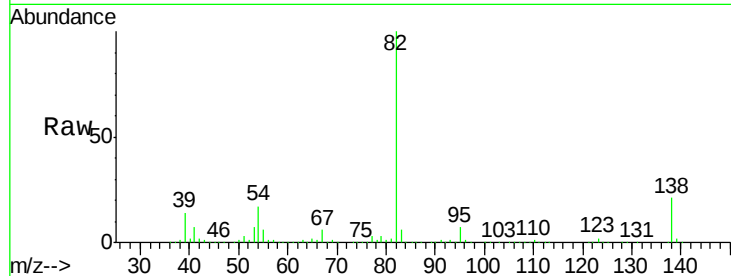
Tgt Ion: 82 Resp: 1687360

Ion Ratio Lower Upper

82 100

95 7.3 6.6 10.0

138 20.5 13.6 20.4#



#26

2-Nitrophenol

Concen: 47.21 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

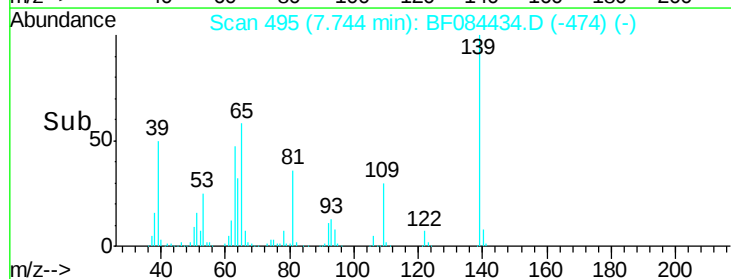
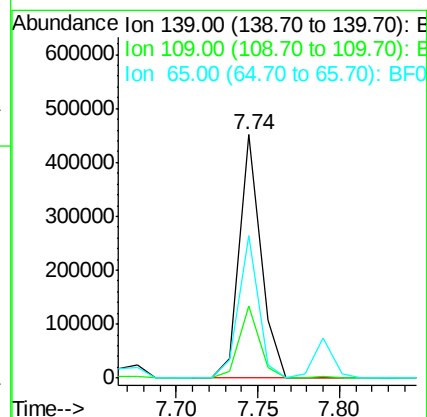
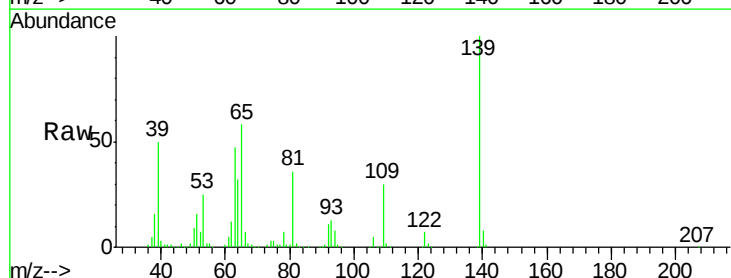
Tgt Ion: 139 Resp: 409155

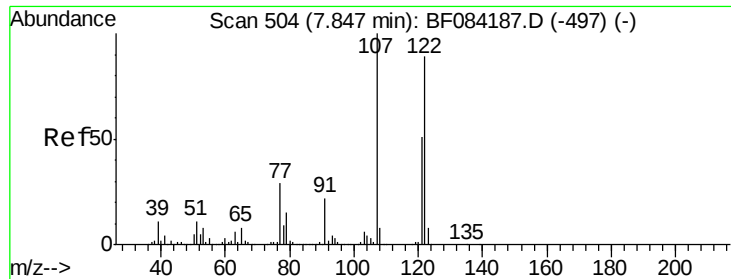
Ion Ratio Lower Upper

139 100

109 29.6 25.4 38.2

65 58.3 32.3 48.5#

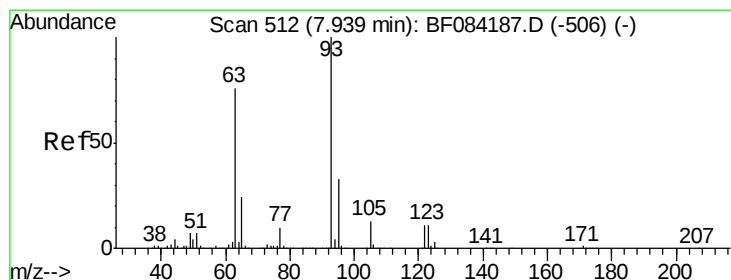
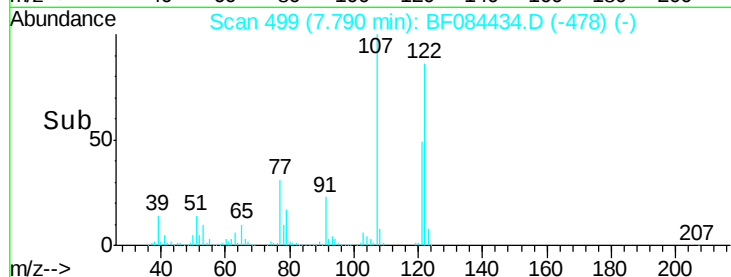
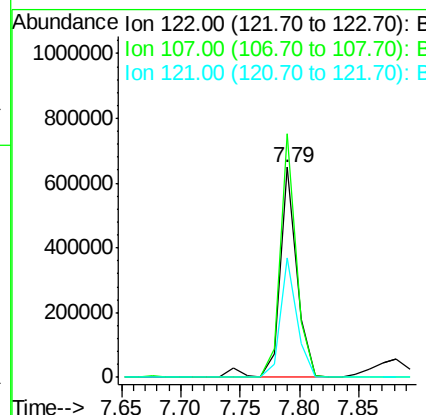
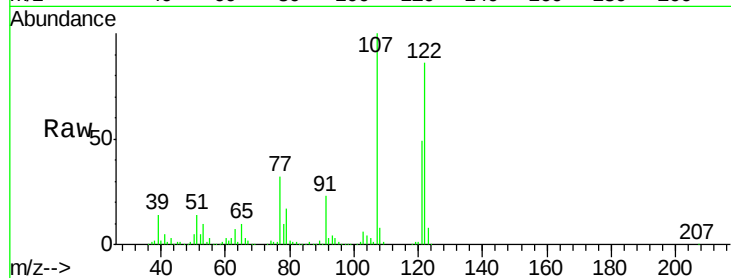




#27
 2,4-Dimethylphenol
 Concen: 37.10 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.06 min
 Lab File: BF084434.D
 Acq: 13 Jan 2016 2:52

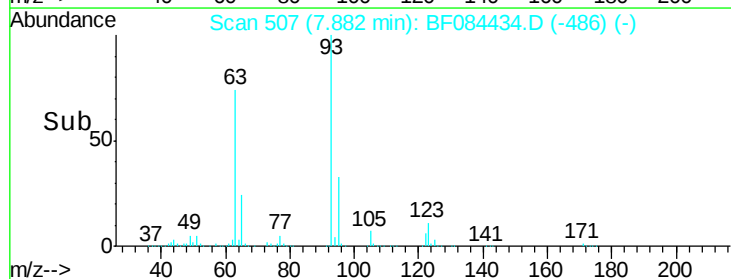
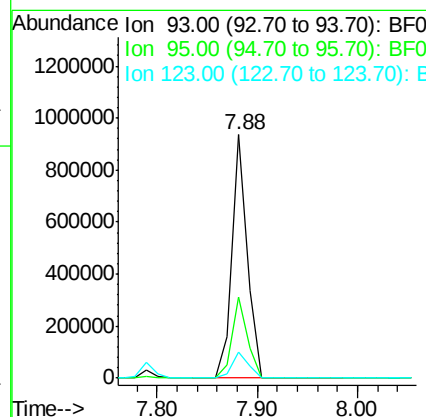
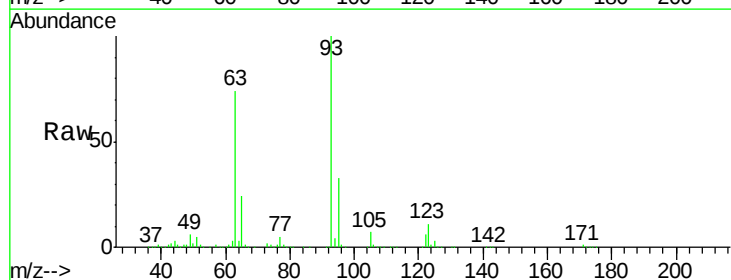
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.9	99.1	148.7
121	56.9	47.9	71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.91 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.06 min
 Lab File: BF084434.D
 Acq: 13 Jan 2016 2:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.8	38.6
123	10.8	8.6	12.8

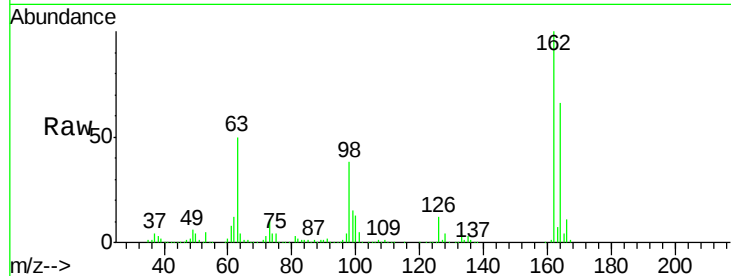




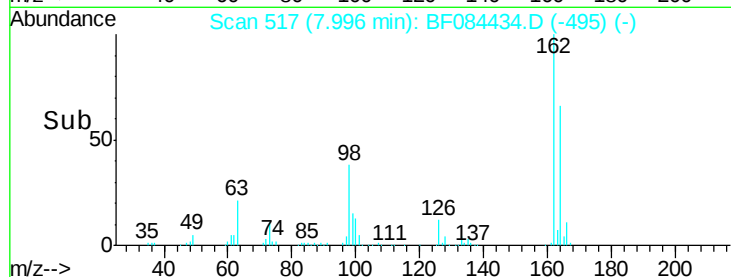
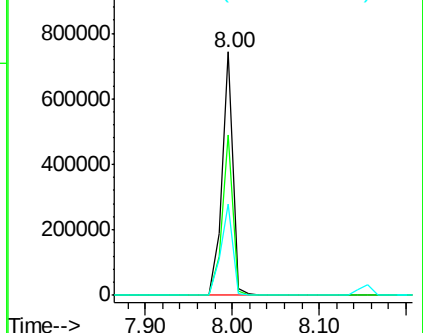
#29
 2,4-Dichlorophenol
 Concen: 45.23 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.05 min
 Lab File: BF084434.D
 Acq: 13 Jan 2016 2:52

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.0	44.1	84.1
98	37.7	20.2	60.2

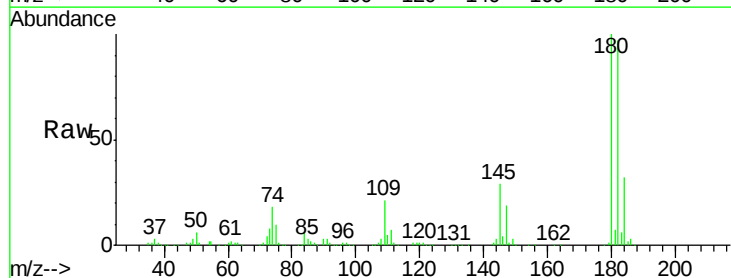


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

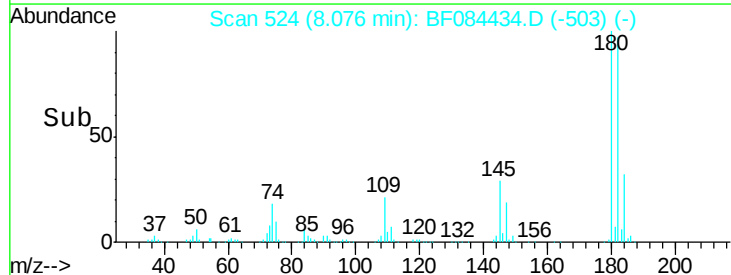
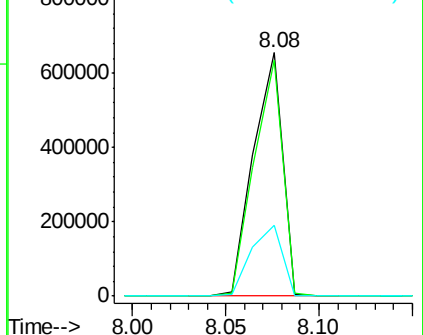


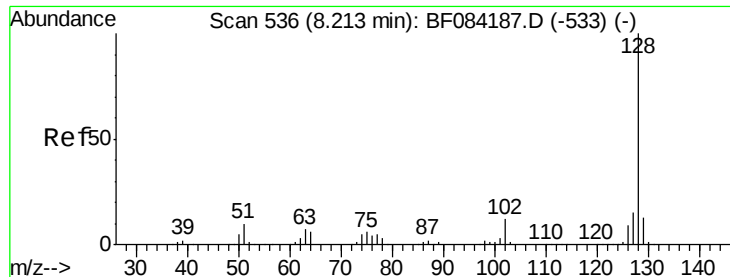
#30
 1,2,4-Trichlorobenzene
 Concen: 47.78 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.06 min
 Lab File: BF084434.D
 Acq: 13 Jan 2016 2:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.4	114.6
145	29.1	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

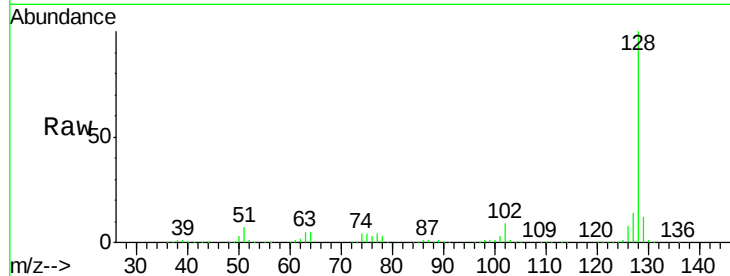




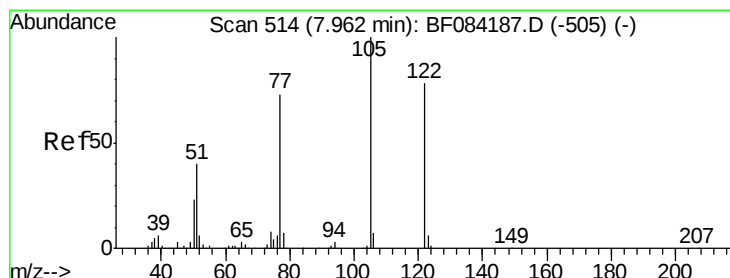
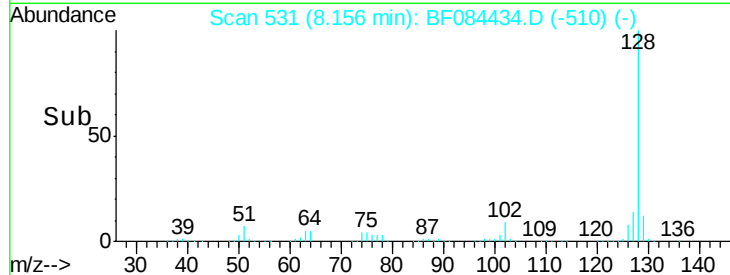
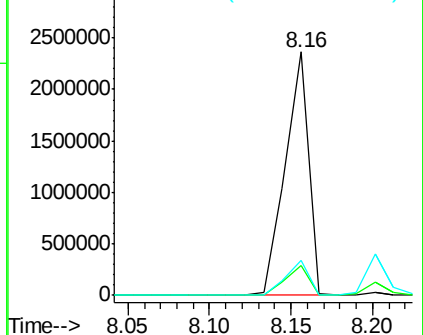
#31
Naphthalene
Concen: 49.92 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

Tgt Ion:128 Resp: 2366889
Ion Ratio Lower Upper
128 100
129 12.1 9.1 13.7
127 14.4 11.1 16.7

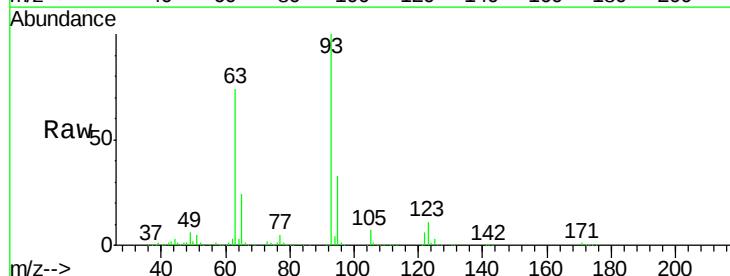


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

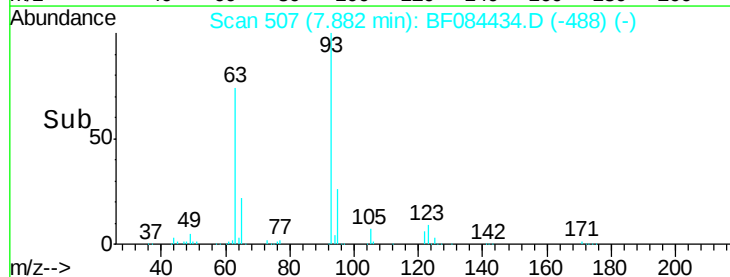
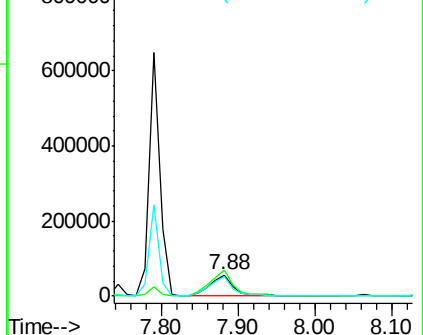


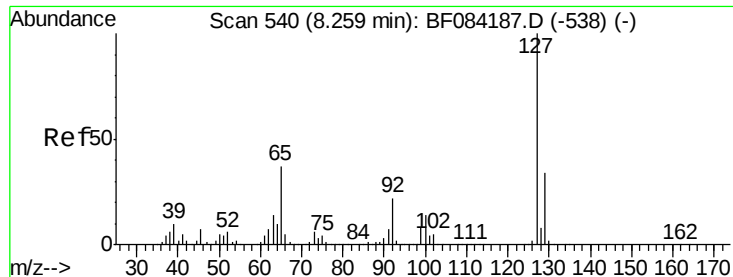
#32
Benzoic acid
Concen: 15.62 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.08 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:122 Resp: 121590
Ion Ratio Lower Upper
122 100
105 123.8 100.3 140.3
77 91.0 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

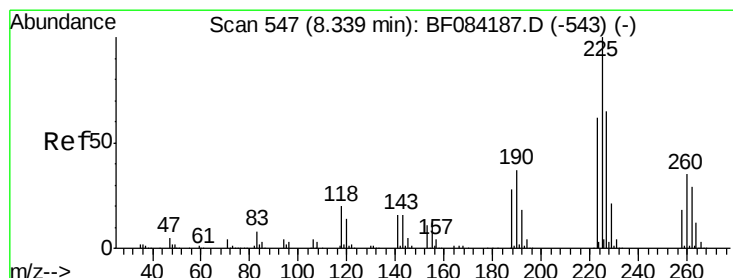
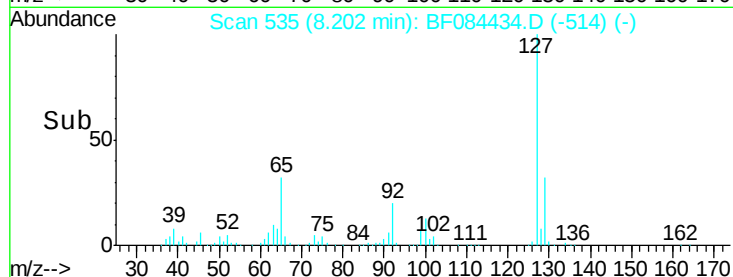
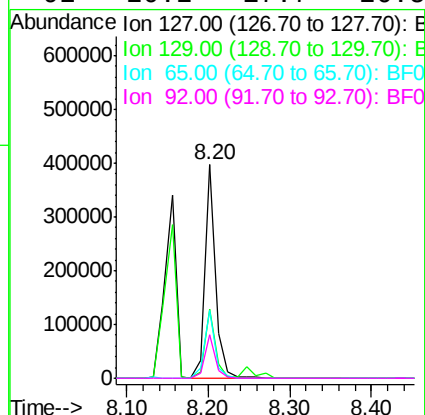
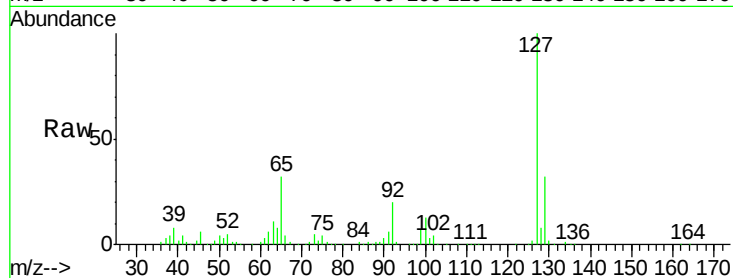




#33
4-Chloroaniline
Concen: 16.92 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

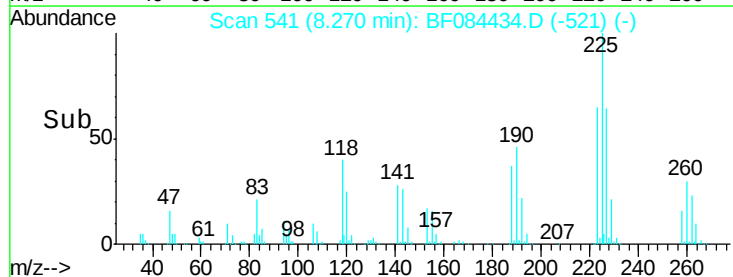
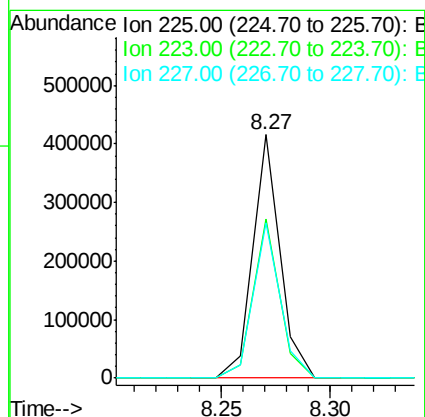
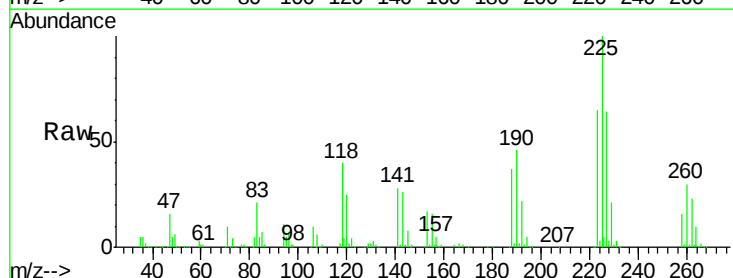
Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

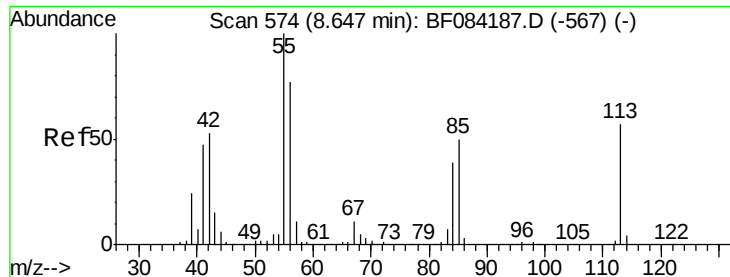
Tgt Ion:	127	Resp:	367761
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.5	39.7
65	31.9	27.2	40.8
92	20.2	17.7	26.5



#34
Hexachlorobutadiene
Concen: 41.41 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.07 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:	225	Resp:	359141
Ion	Ratio	Lower	Upper
225	100		
223	65.5	49.4	74.0
227	63.6	50.8	76.2

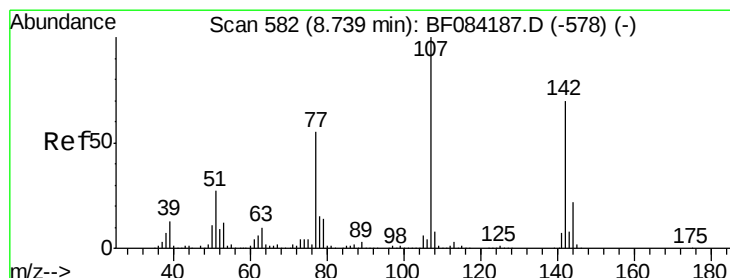
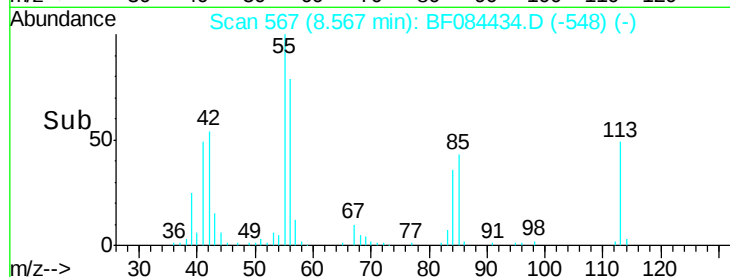
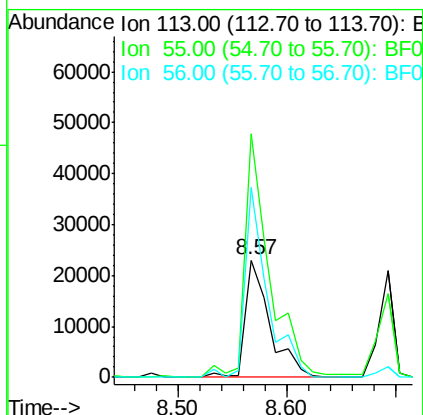
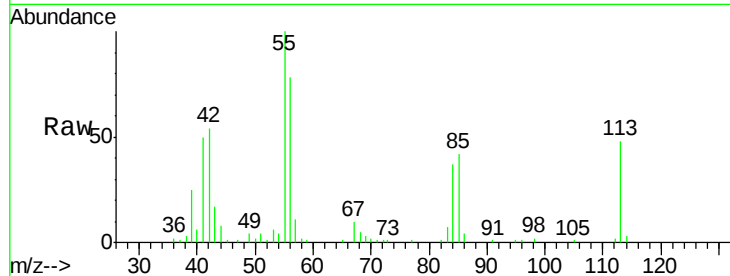




#35
 Caprolactam
 Concen: 7.36 ng
 RT: 8.57 min Scan# 567
 Delta R.T. -0.08 min
 Lab File: BF084434.D
 Acq: 13 Jan 2016 2:52

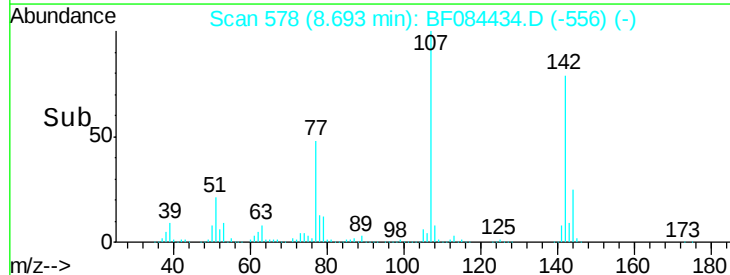
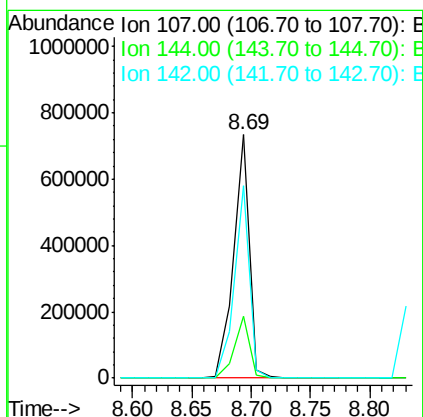
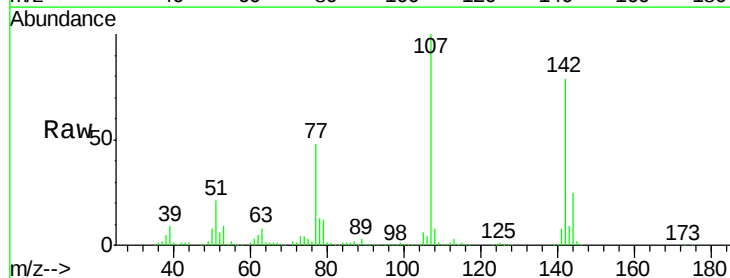
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMSD

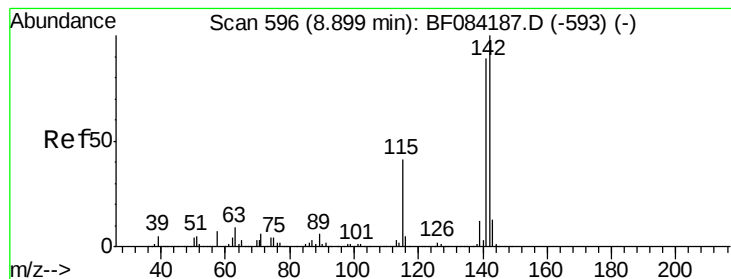
Tgt Ion:113 Resp: 36237
 Ion Ratio Lower Upper
 113 100
 55 207.9 116.9 156.9#
 56 162.0 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 41.40 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.05 min
 Lab File: BF084434.D
 Acq: 13 Jan 2016 2:52

Tgt Ion:107 Resp: 677775
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.7 29.5
 142 78.9 61.8 92.6

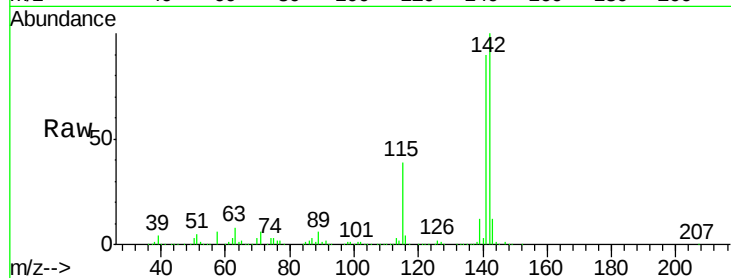




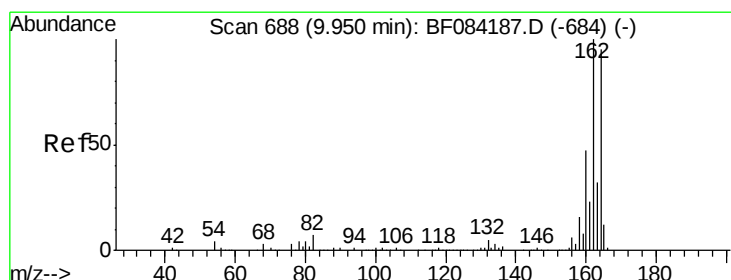
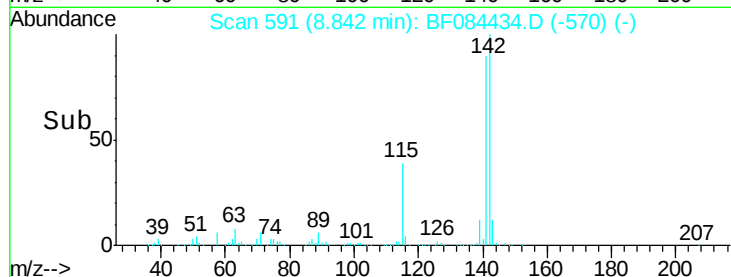
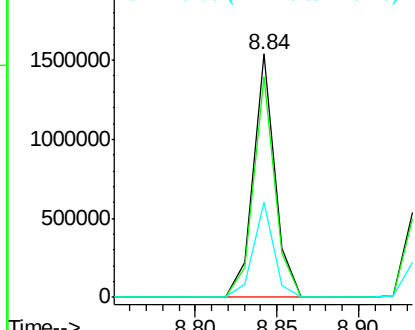
#37
2-Methylnaphthalene
Concen: 41.83 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

Tgt Ion:142 Resp: 1423591
Ion Ratio Lower Upper
142 100
141 90.4 72.4 108.6
115 38.8 27.9 41.9

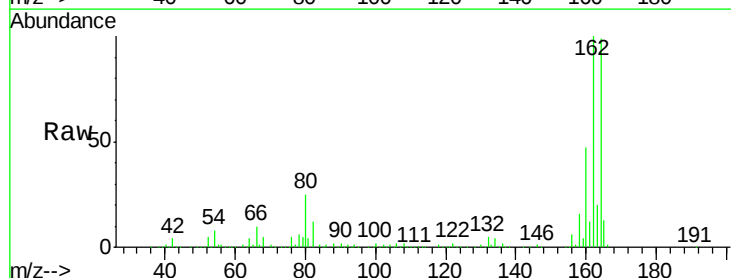


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

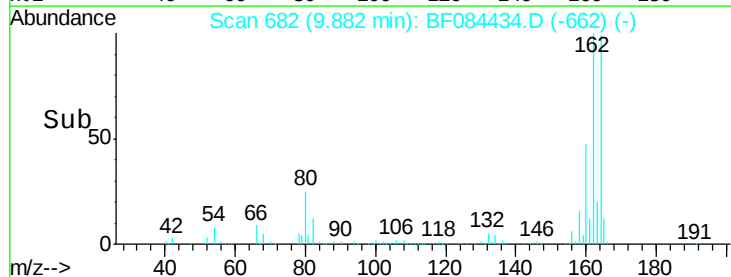
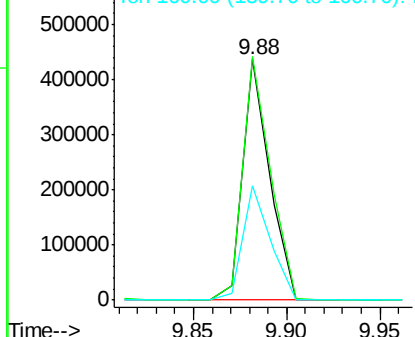


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.07 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:164 Resp: 436424
Ion Ratio Lower Upper
164 100
162 101.1 85.1 127.7
160 47.4 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

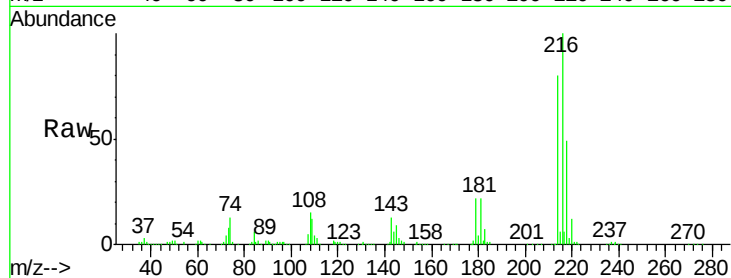




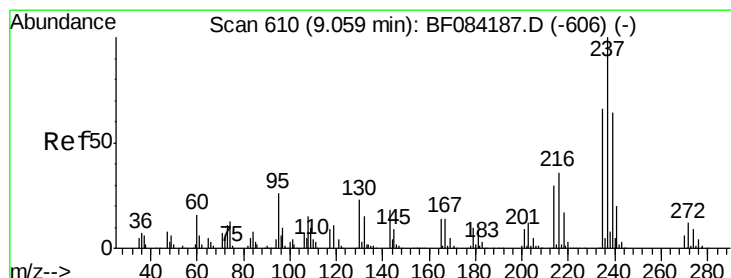
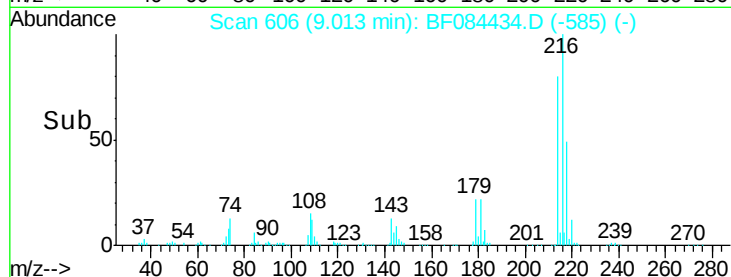
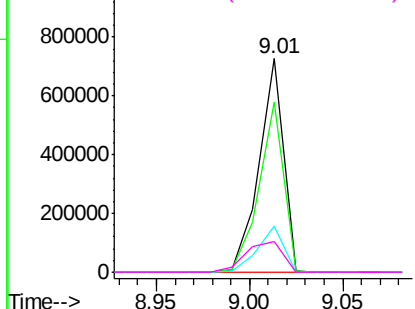
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.18 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.06 min
 Lab File: BF084434.D
 Acq: 13 Jan 2016 2:52

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMSD

Tgt Ion:	216	Resp:	654620
Ion	Ratio	Lower	Upper
216	100		
214	79.6	64.2	96.2
179	23.0	18.7	28.1
108	22.3	16.8	25.2

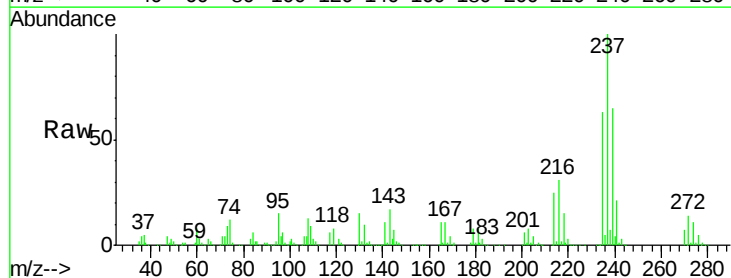


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

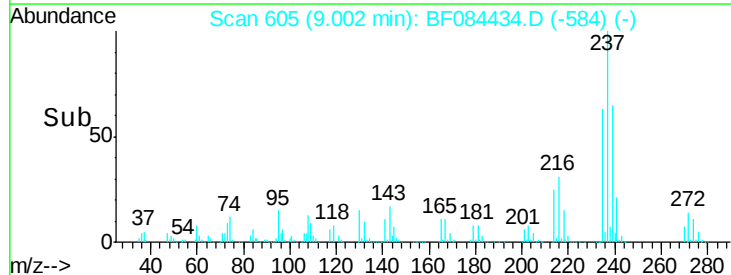
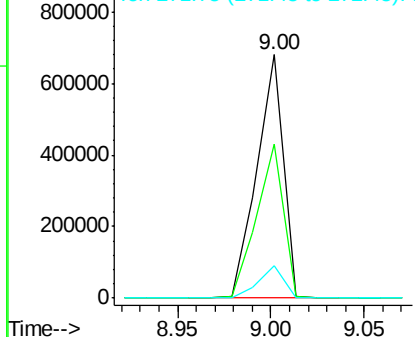


#40
 Hexachlorocyclopentadiene
 Concen: 88.15 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084434.D
 Acq: 13 Jan 2016 2:52

Tgt Ion:	237	Resp:	667681
Ion	Ratio	Lower	Upper
237	100		
235	63.1	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

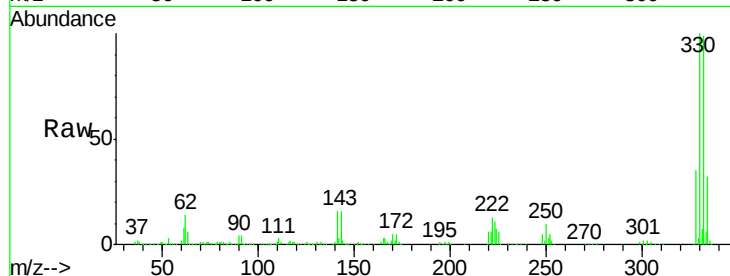




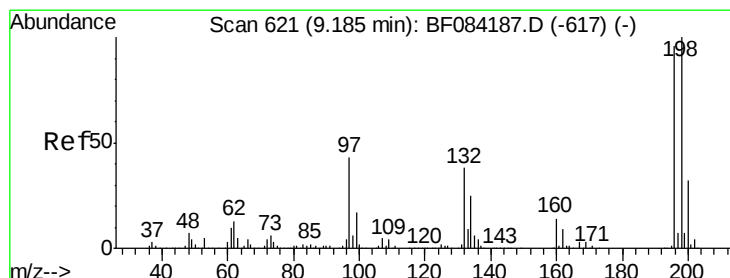
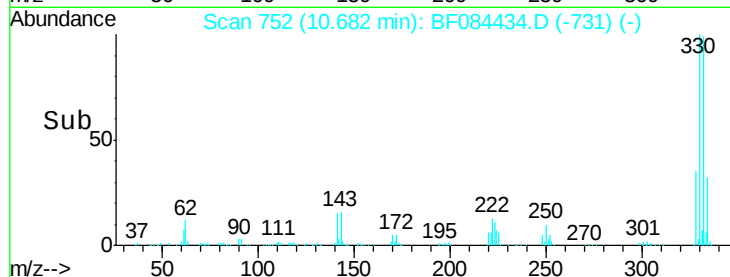
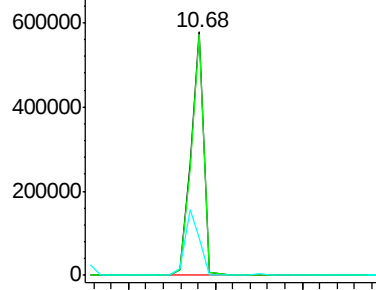
#41
 2,4,6-Tribromophenol
 Concen: 136.79 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF084434.D
 Acq: 13 Jan 2016 2:52

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMSD

Tgt Ion:330 Resp: 602719
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 30.5 27.8 41.6

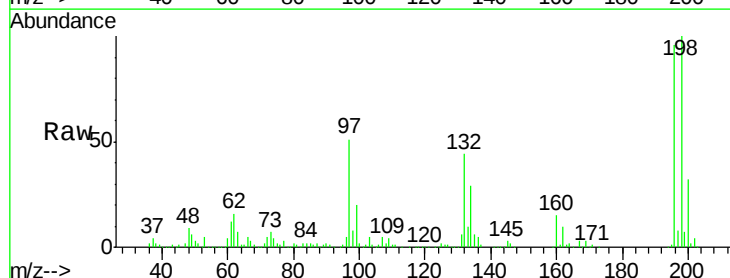


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

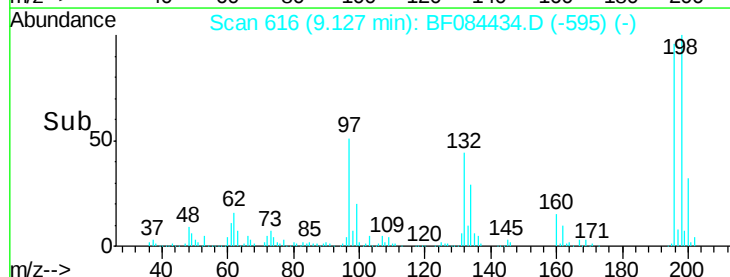
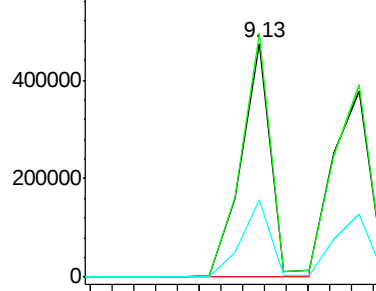


#42
 2,4,6-Trichlorophenol
 Concen: 48.46 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.06 min
 Lab File: BF084434.D
 Acq: 13 Jan 2016 2:52

Tgt Ion:196 Resp: 454886
 Ion Ratio Lower Upper
 196 100
 198 104.1 77.7 116.5
 200 33.2 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

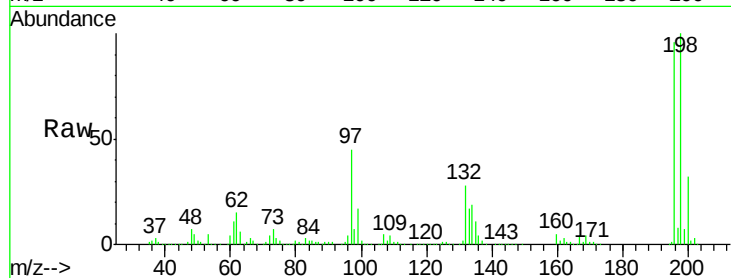




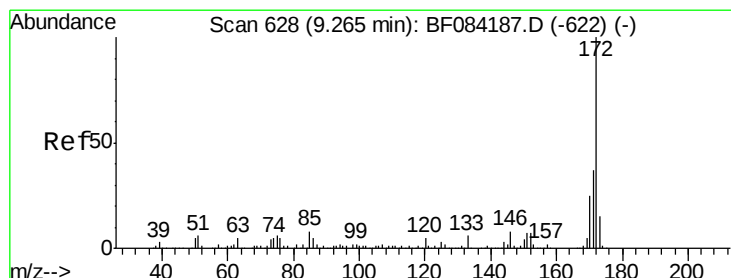
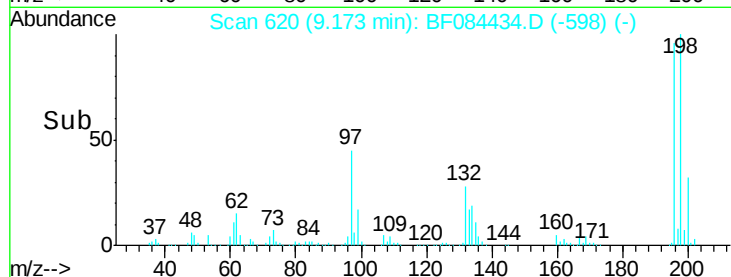
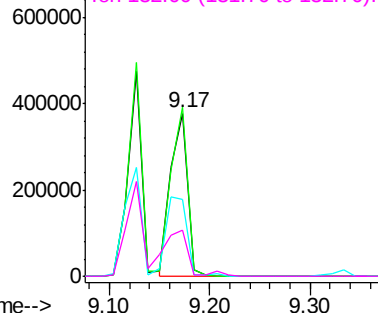
#43
 2,4,5-Trichlorophenol
 Concen: 49.47 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF084434.D
 Acq: 13 Jan 2016 2:52

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.9	79.0	118.6
97	47.2	33.0	49.6
132	28.7	21.1	31.7

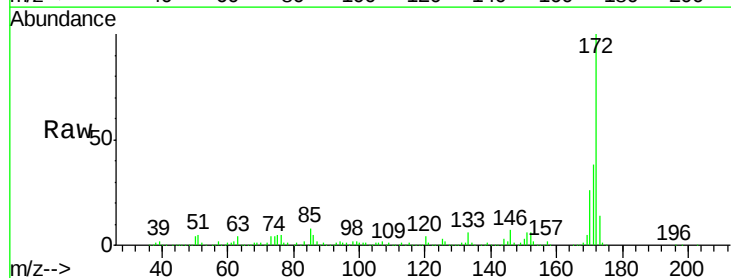


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

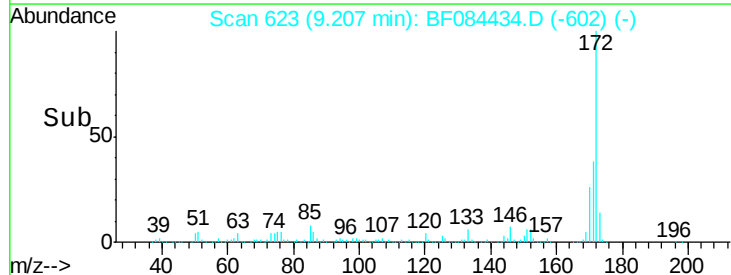
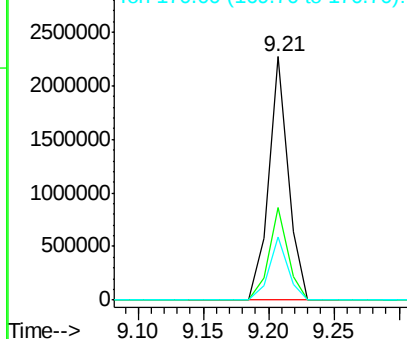


#44
 2-Fluorobiphenyl
 Concen: 97.70 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF084434.D
 Acq: 13 Jan 2016 2:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.9	43.3
170	25.9	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: 53.67 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMSD

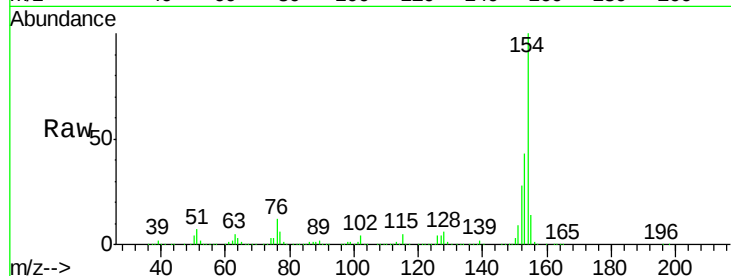
Tgt Ion:154 Resp: 1861597

Ion Ratio Lower Upper

154 100

153 42.7 21.6 61.6

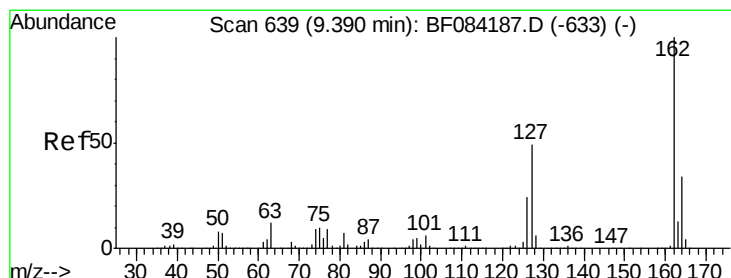
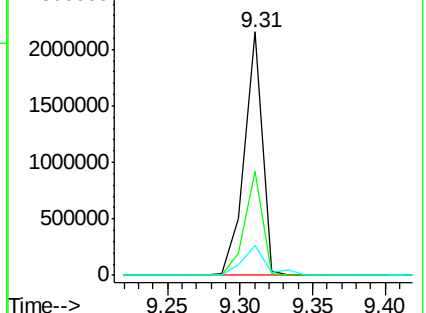
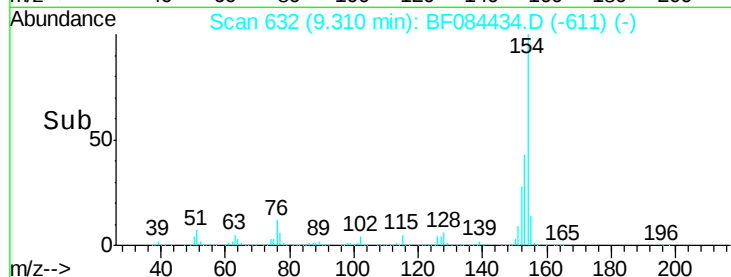
76 12.3 0.0 32.7



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: 50.14 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

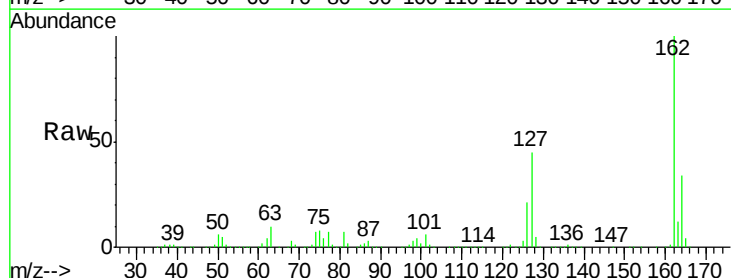
Tgt Ion:162 Resp: 1365987

Ion Ratio Lower Upper

162 100

127 44.9 40.2 60.4

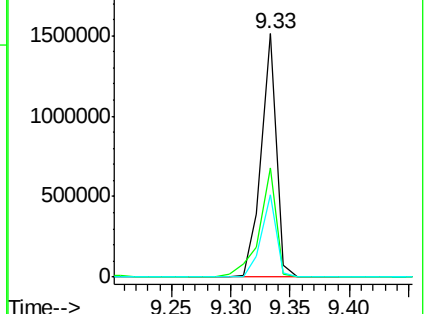
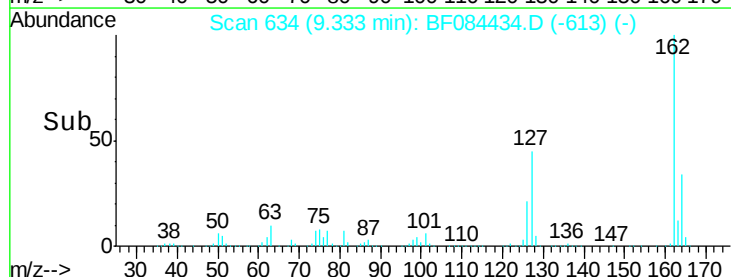
164 34.0 25.7 38.5

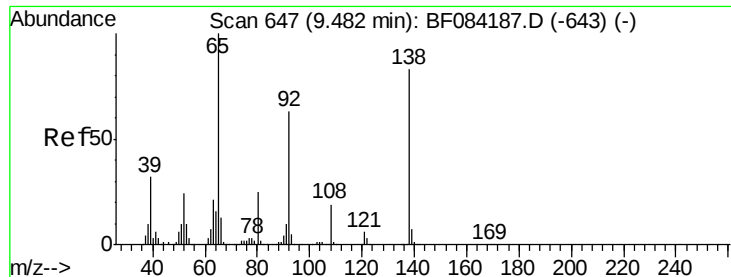


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

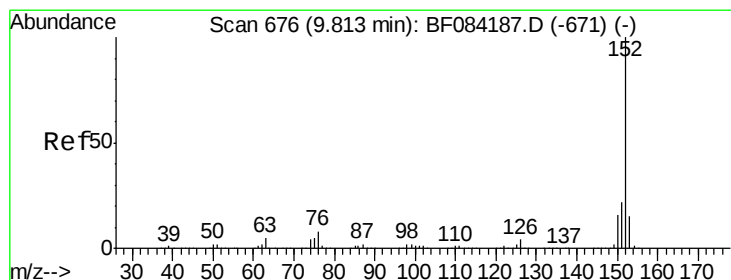
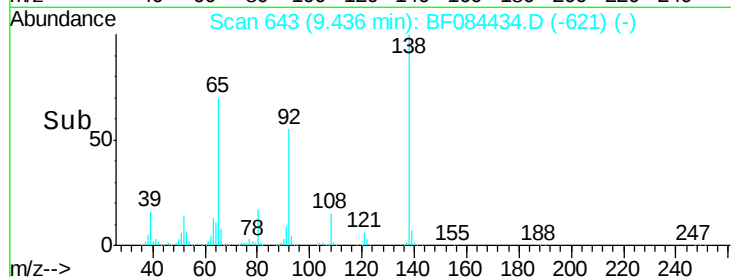
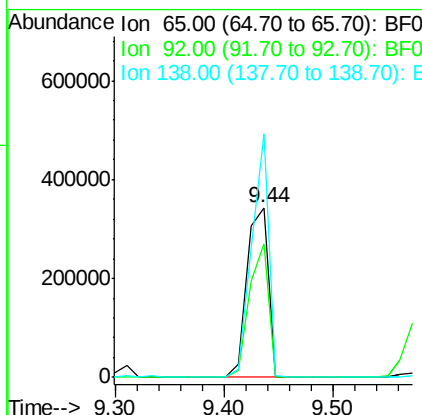
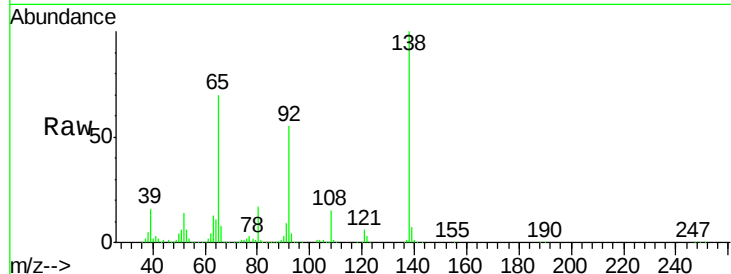




#47
2-Nitroaniline
Concen: 51.87 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

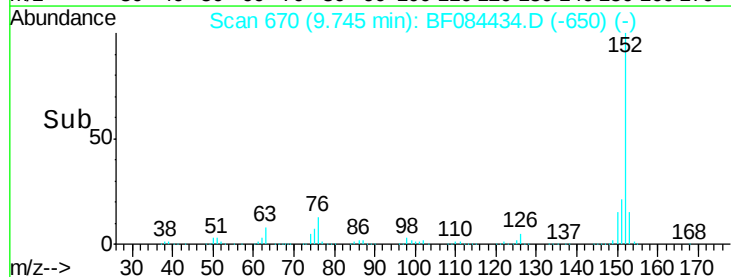
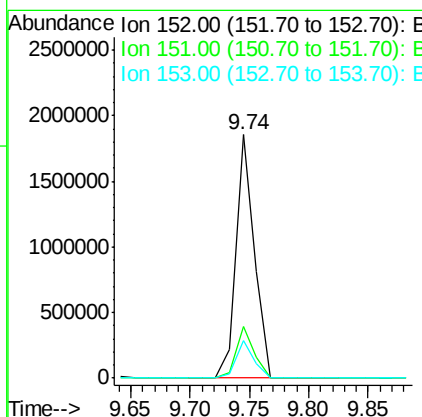
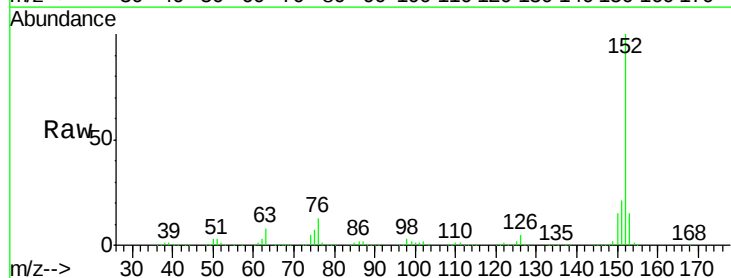
Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

Tgt Ion: 65 Resp: 466407
Ion Ratio Lower Upper
65 100
92 78.9 53.4 80.2
138 143.7 71.1 106.7#



#48
Acenaphthylene
Concen: 49.35 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.07 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion: 152 Resp: 1986442
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 15.2 10.4 15.6





#49

Dimethylphthalate

Concen: 55.59 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMSD

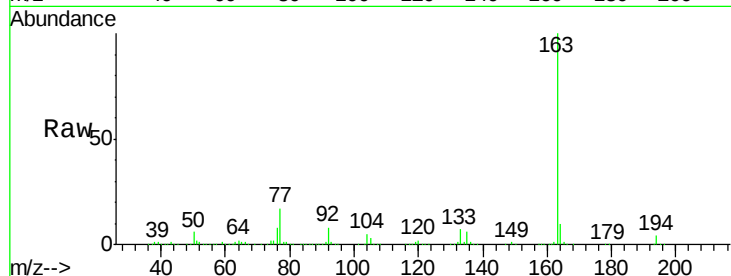
Tgt Ion:163 Resp: 1734329

Ion Ratio Lower Upper

163 100

194 3.5 8.0 12.0#

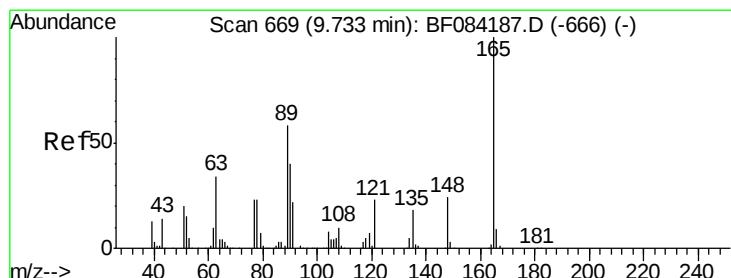
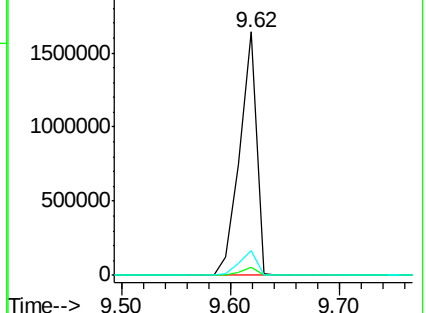
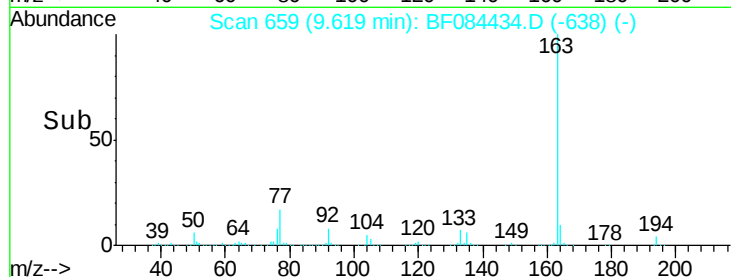
164 10.4 8.0 12.0



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: 55.21 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

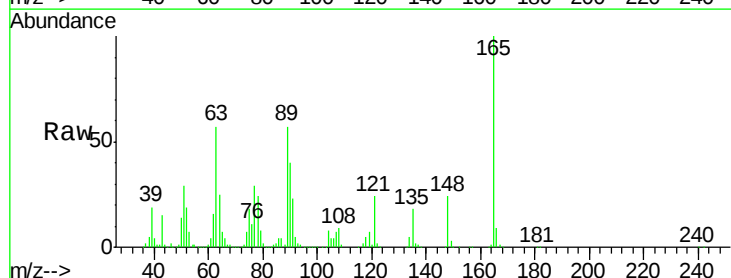
Tgt Ion:165 Resp: 377771

Ion Ratio Lower Upper

165 100

63 57.3 28.8 43.2#

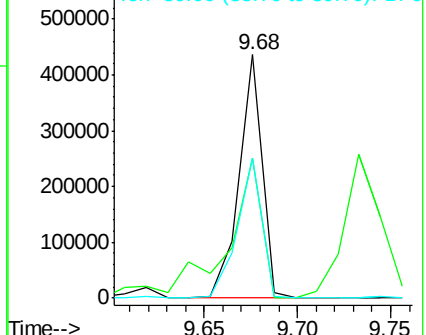
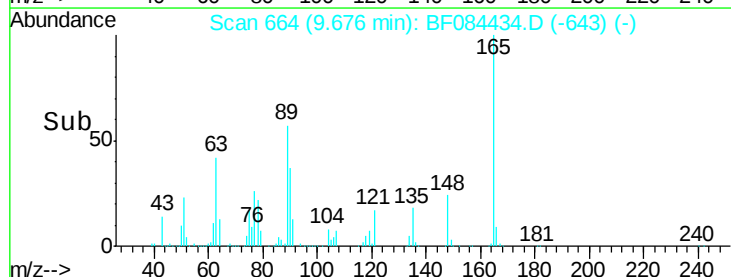
89 57.3 35.1 52.7#

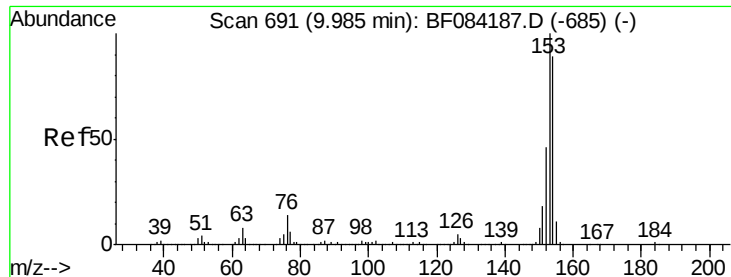


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 53.09 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.07 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMSD

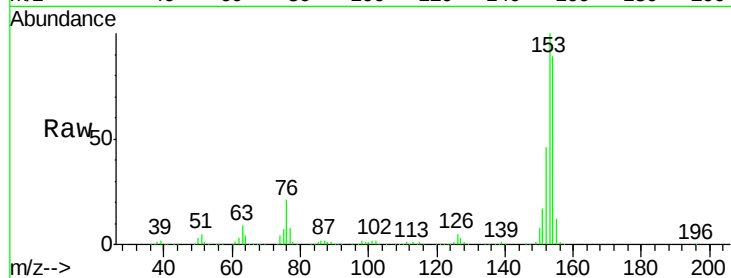
Tgt Ion:154 Resp: 1433429

Ion Ratio Lower Upper

154 100

153 112.9 91.5 137.3

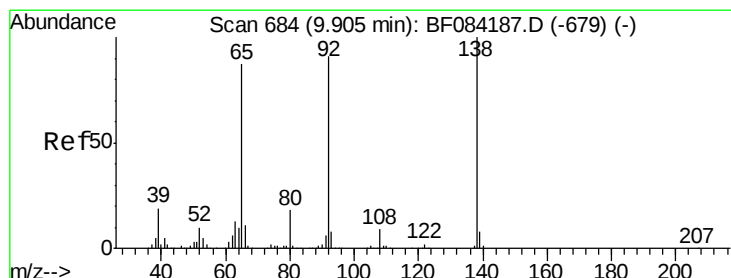
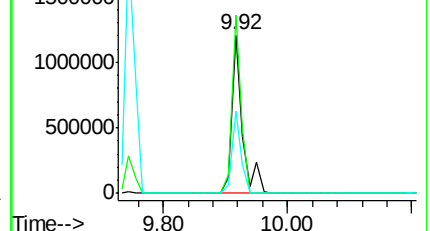
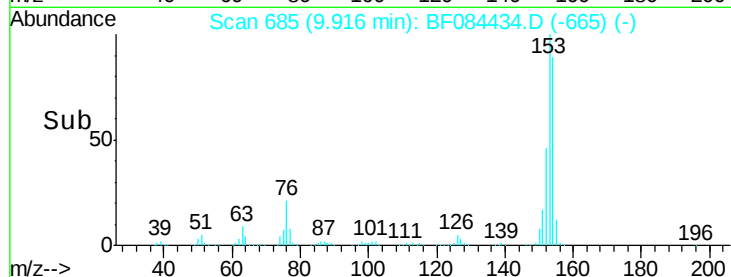
152 52.0 43.0 64.6



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: 19.83 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.07 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

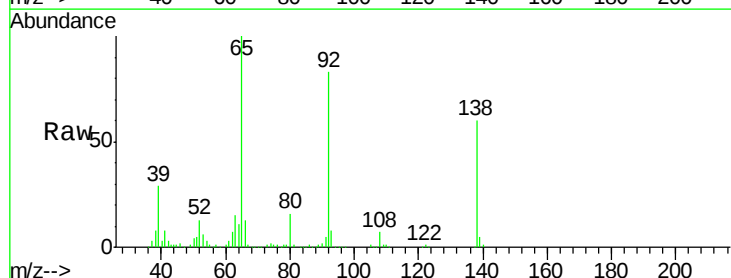
Tgt Ion:138 Resp: 168153

Ion Ratio Lower Upper

138 100

108 11.3 10.5 15.7

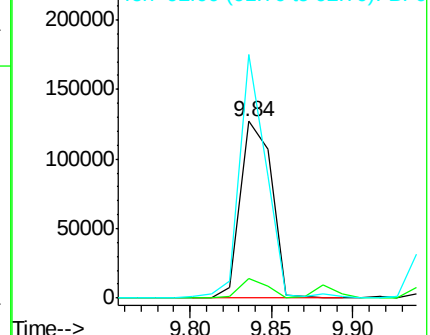
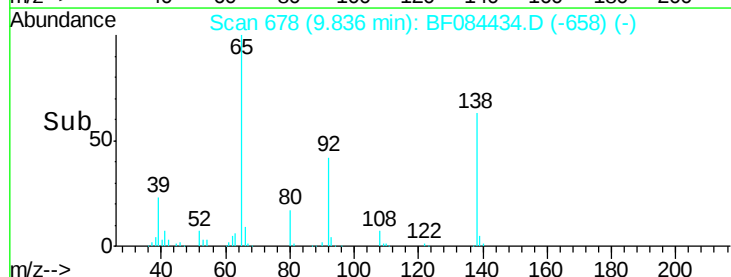
92 137.6 103.9 155.9



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

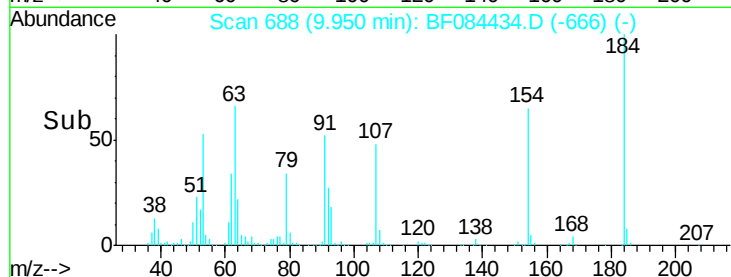
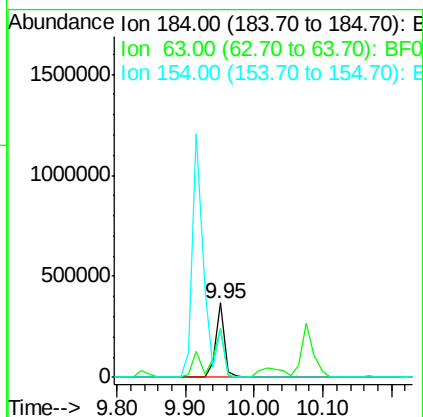
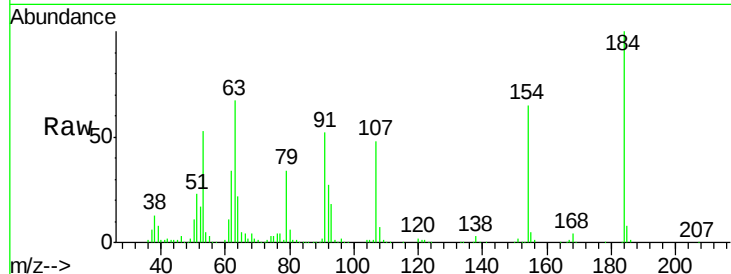




#53
2,4-Dinitrophenol
Concen: 114.49 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.05 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

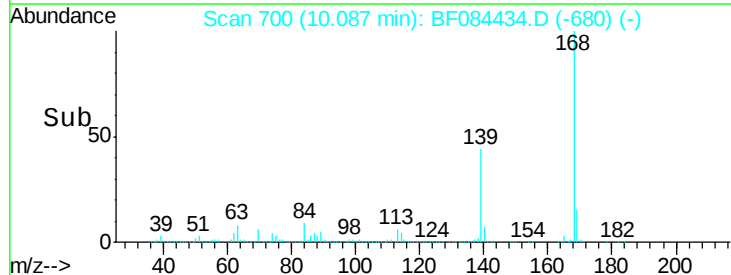
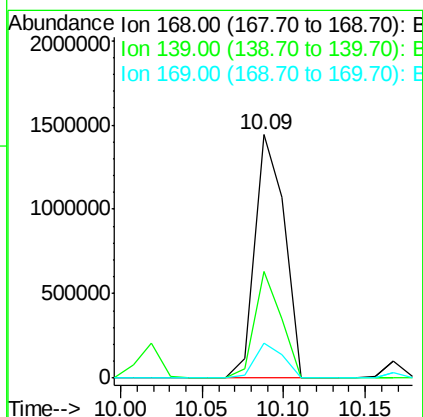
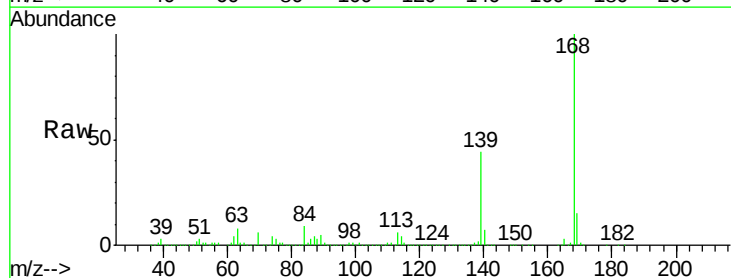
Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

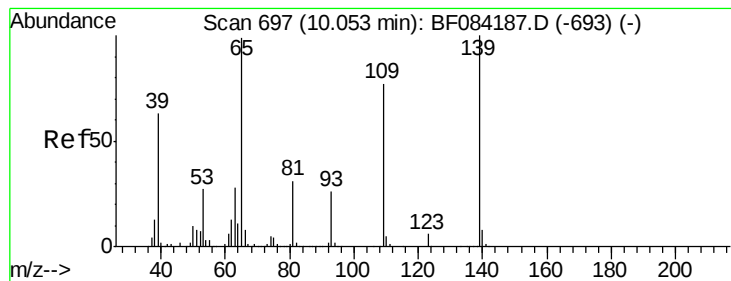
Tgt Ion:184 Resp: 338399
Ion Ratio Lower Upper
184 100
63 66.6 43.1 64.7#
154 64.9 60.5 90.7



#54
Dibenzofuran
Concen: 52.25 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.07 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:168 Resp: 1810512
Ion Ratio Lower Upper
168 100
139 43.8 30.5 45.7
169 14.5 10.4 15.6





#55

4-Nitrophenol

Concen: 33.30 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMSD

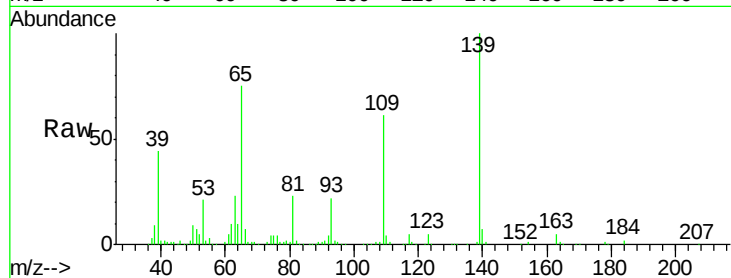
Tgt Ion:139 Resp: 204958

Ion Ratio Lower Upper

139 100

109 60.6 58.5 98.5

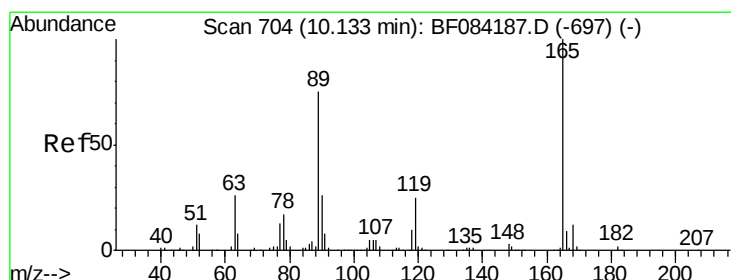
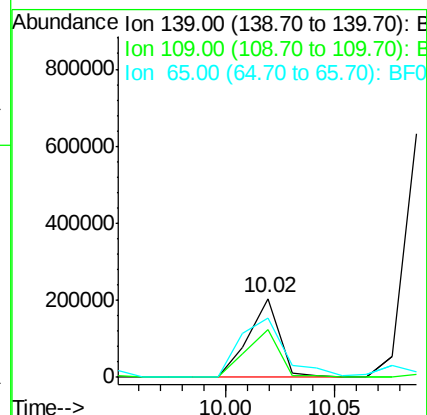
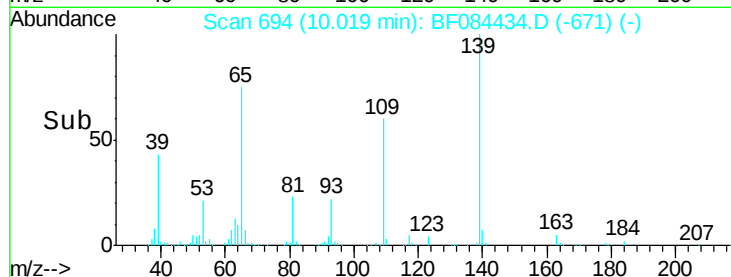
65 75.1 57.6 97.6



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: 49.62 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

Tgt Ion:165 Resp: 429764

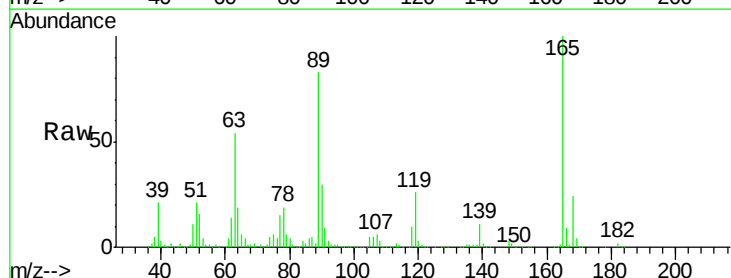
Ion Ratio Lower Upper

165 100

63 53.7 36.7 55.1

89 83.2 61.9 92.9

182 2.1 2.0 3.0

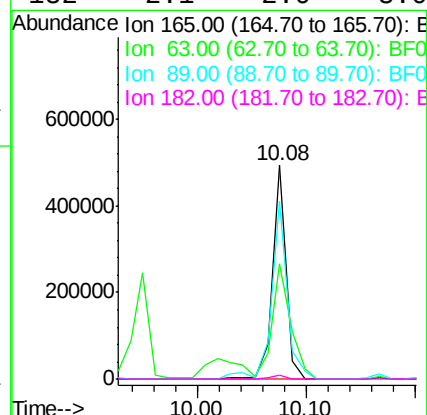
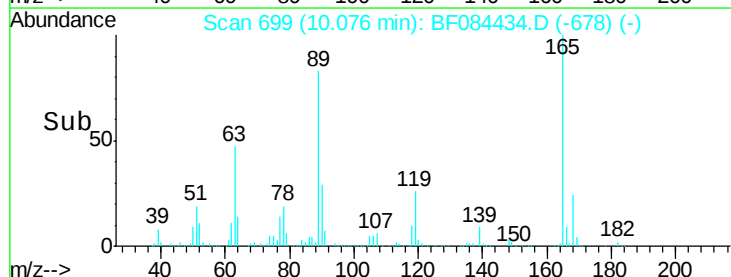


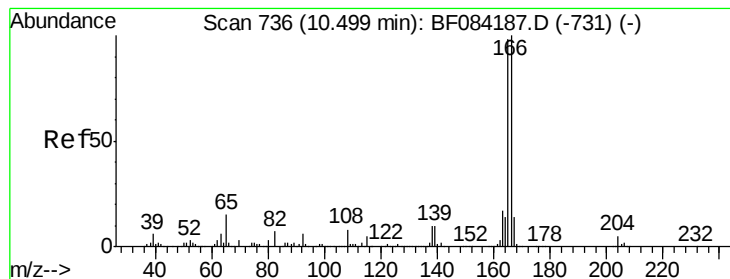
Abundance Ion 165.00 (164.70 to 165.70): E

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: 46.24 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.07 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMSD

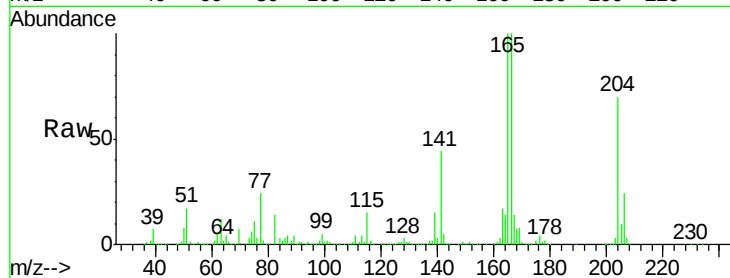
Tgt Ion:166 Resp: 1248513

Ion Ratio Lower Upper

166 100

165 99.9 79.1 118.7

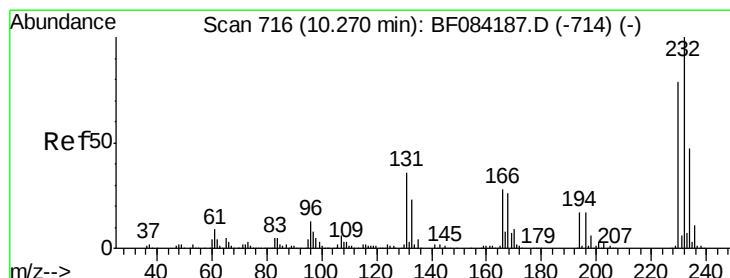
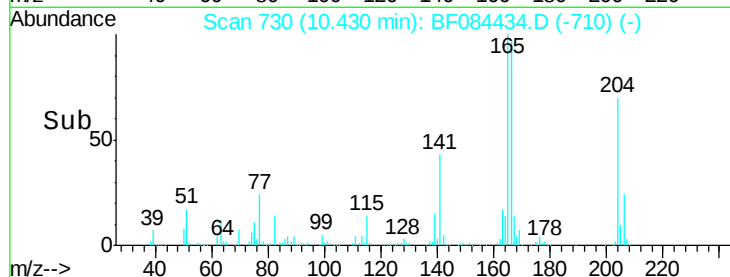
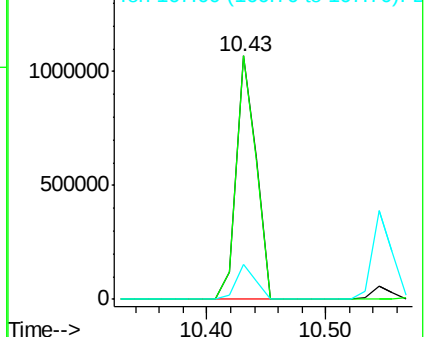
167 14.4 10.4 15.6



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: 47.65 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

Tgt Ion:232 Resp: 366096

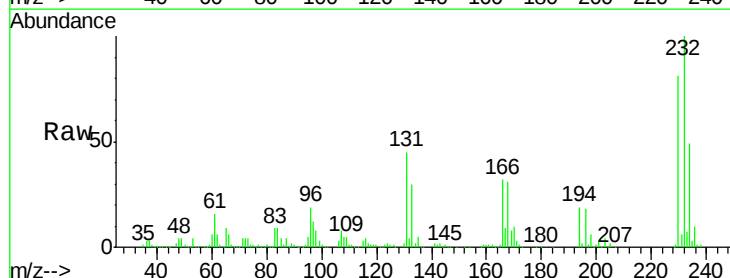
Ion Ratio Lower Upper

232 100

131 49.7 47.0 70.6

130 2.3 2.0 3.0

166 32.4 30.5 45.7

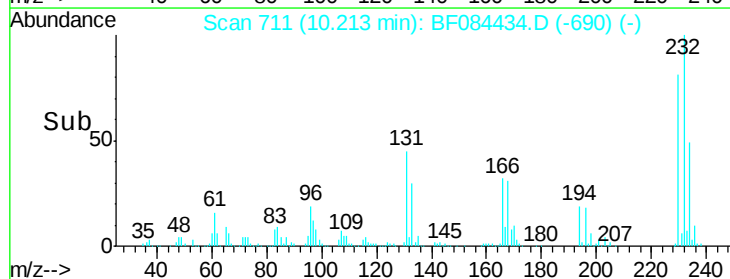
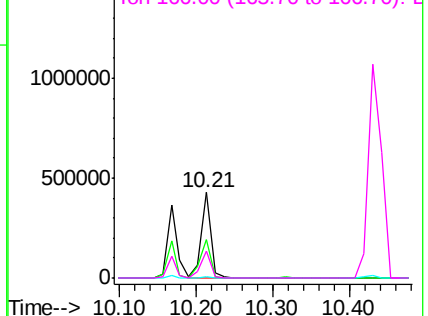


Abundance Ion 232.00 (231.70 to 232.70): E

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: 51.19 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMSD

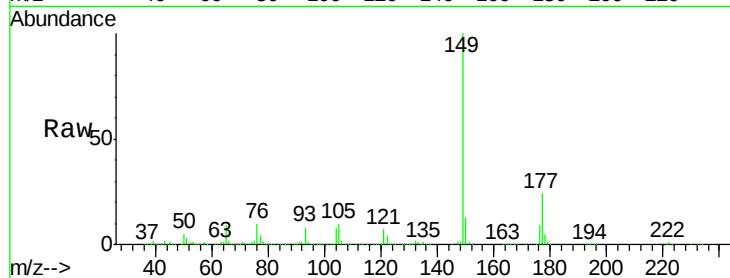
Tgt Ion:149 Resp: 1574790

Ion Ratio Lower Upper

149 100

177 23.7 17.3 25.9

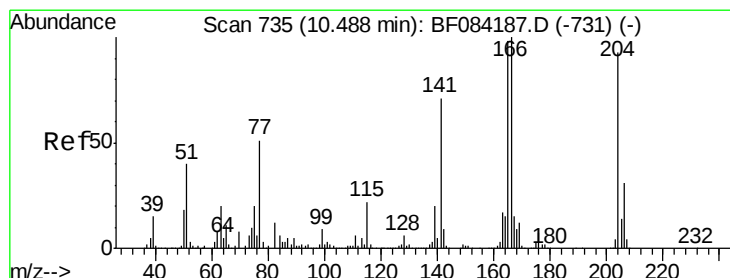
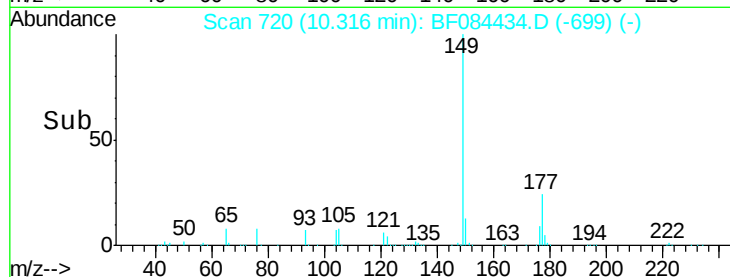
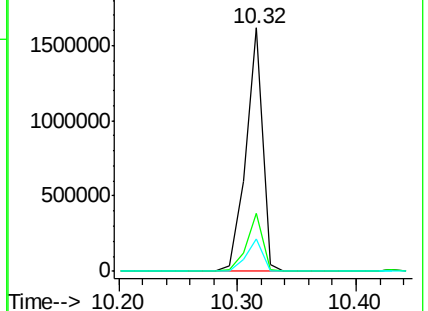
150 13.3 9.8 14.8



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: 62.36 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

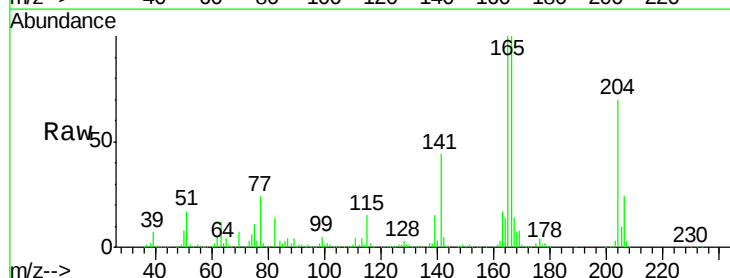
Tgt Ion:204 Resp: 676620

Ion Ratio Lower Upper

204 100

206 33.8 25.7 38.5

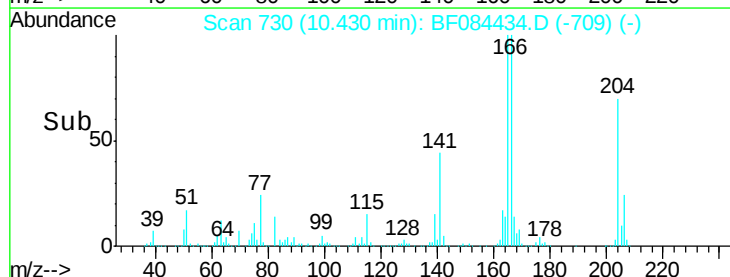
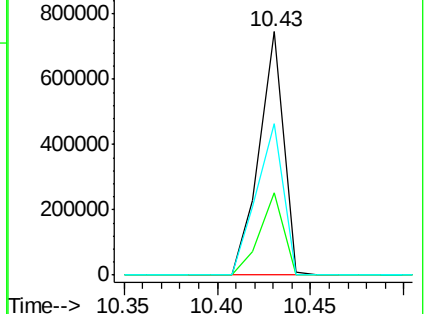
141 62.4 55.1 82.7

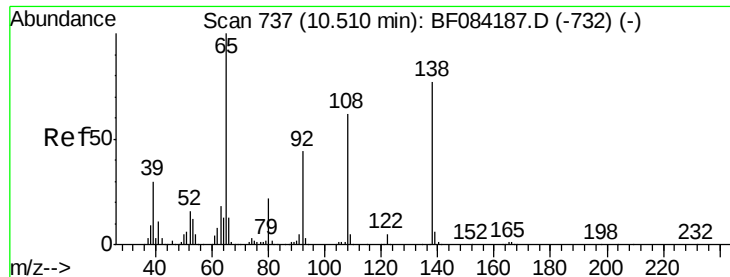


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

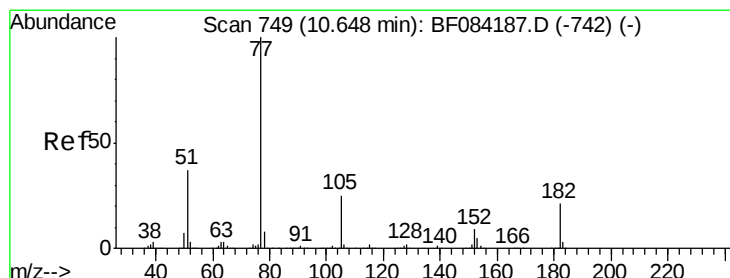
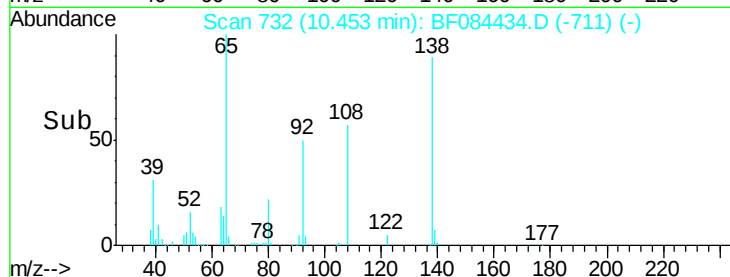
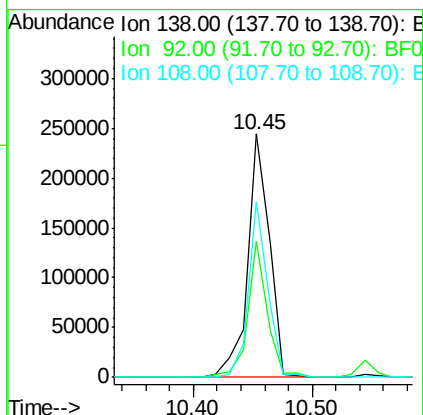
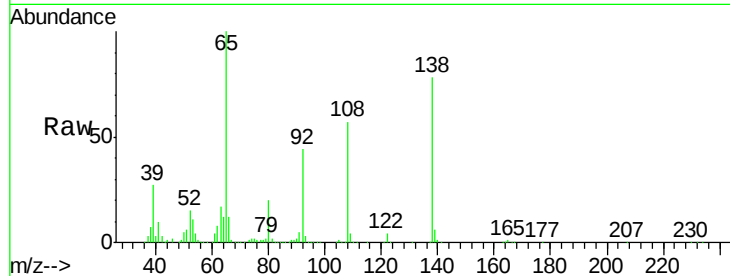




#61
4-Nitroaniline
Concen: 41.28 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

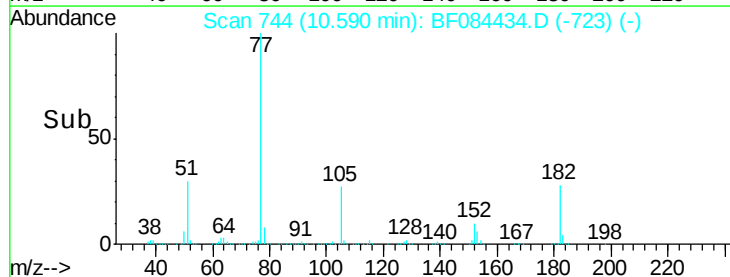
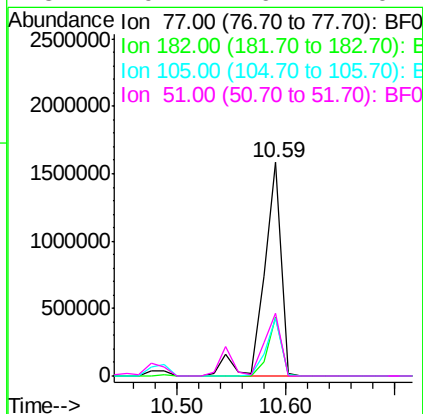
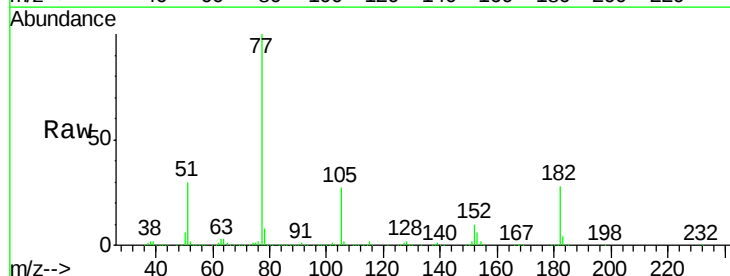
Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

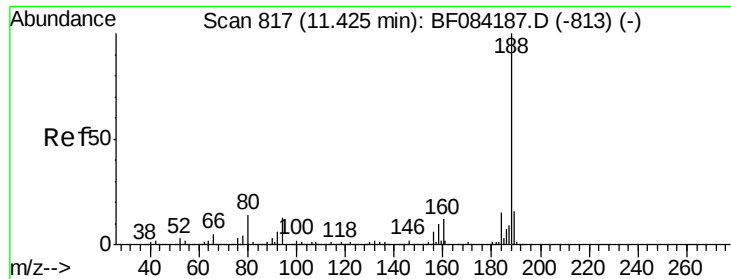
Tgt Ion: 138 Resp: 311993
Ion Ratio Lower Upper
138 100
92 56.1 32.6 72.6
108 72.0 68.6 108.6



#62
Azobenzene
Concen: 52.35 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion: 77 Resp: 1766144
Ion Ratio Lower Upper
77 100
182 27.7 8.3 48.3
105 26.8 4.6 44.6
51 29.7 6.2 46.2

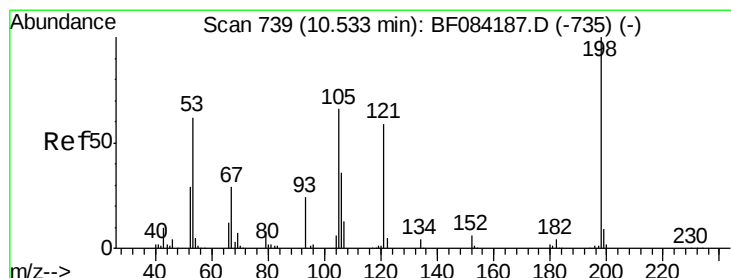
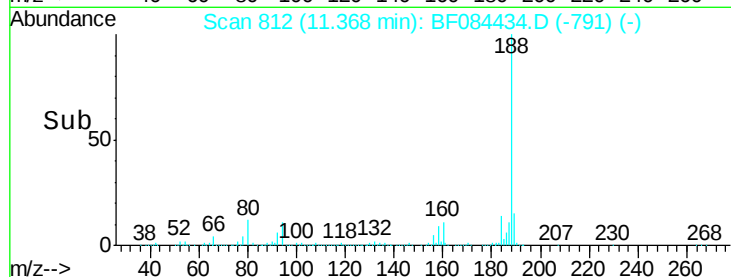
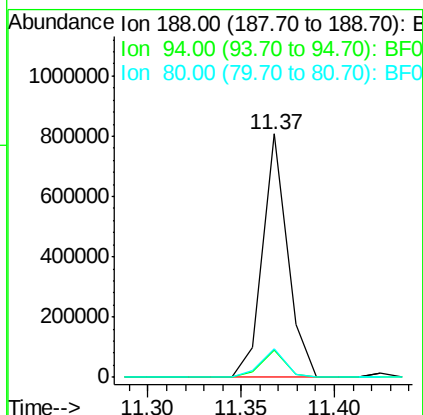
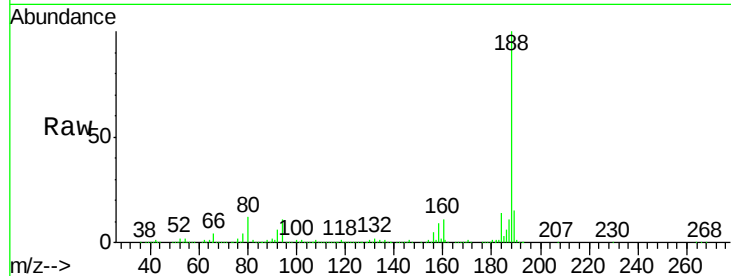




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

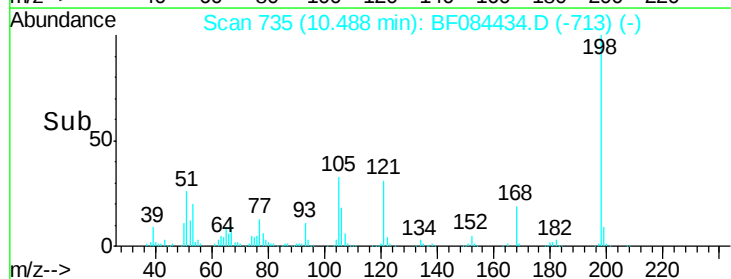
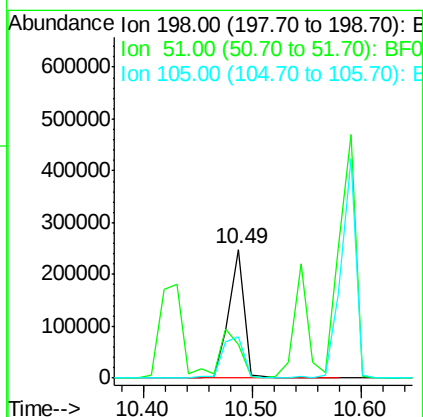
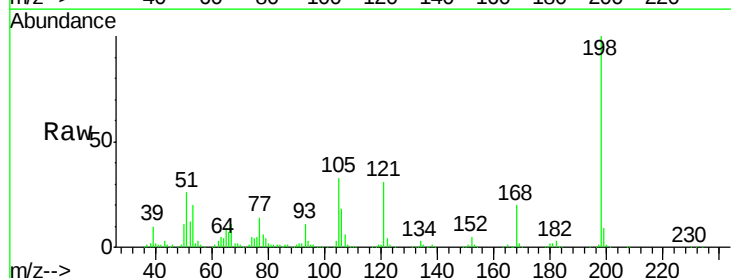
Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

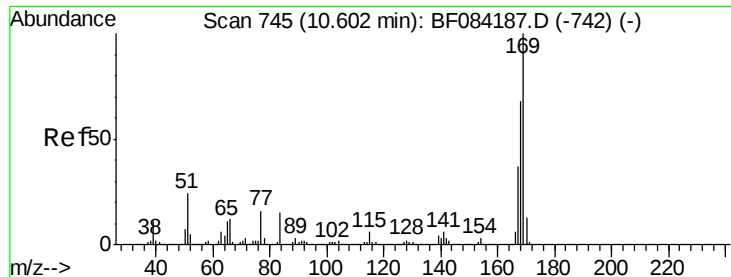
Tgt Ion:188 Resp: 743960
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.4
80 11.9 9.6 14.4



#64
4,6-Dinitro-2-methylphenol
Concen: 54.88 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.05 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:198 Resp: 243233
Ion Ratio Lower Upper
198 100
51 26.4 18.9 58.9
105 32.7 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 49.60 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMSD

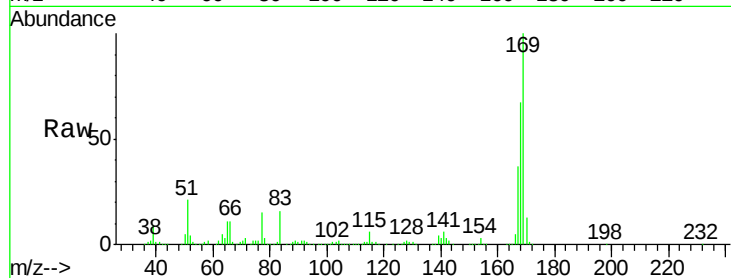
Tgt Ion:169 Resp: 1179915

Ion Ratio Lower Upper

169 100

168 67.5 55.1 82.7

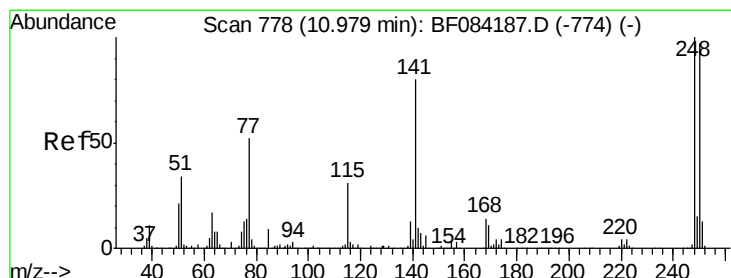
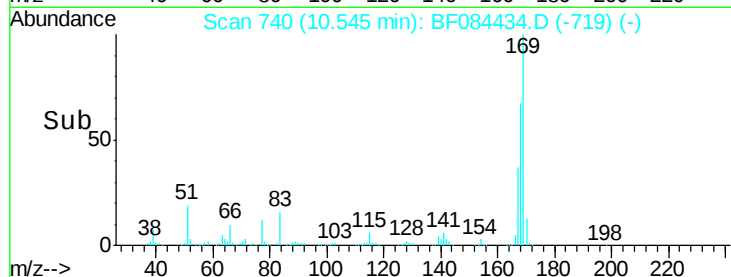
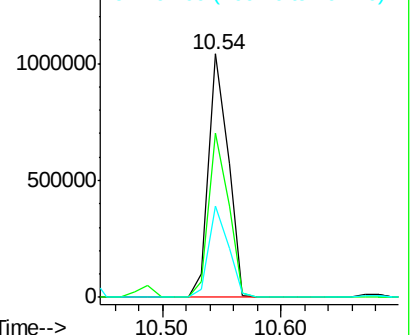
167 37.2 30.0 45.0



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: 55.34 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

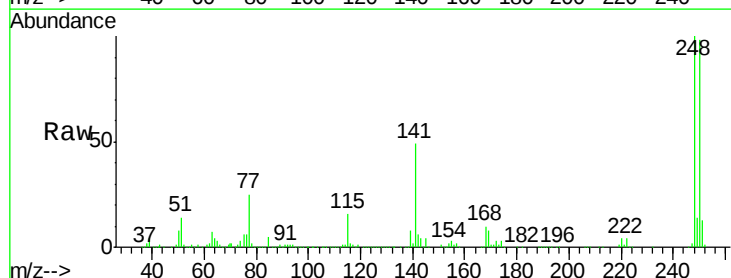
Tgt Ion:248 Resp: 443106

Ion Ratio Lower Upper

248 100

250 98.2 78.4 117.6

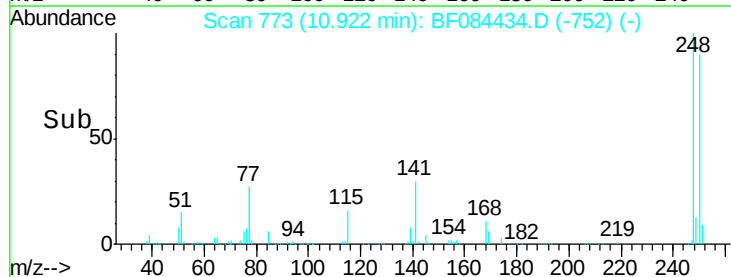
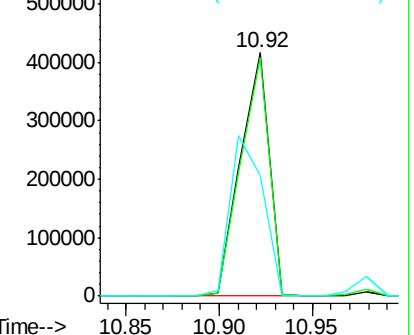
141 49.4 44.0 66.0

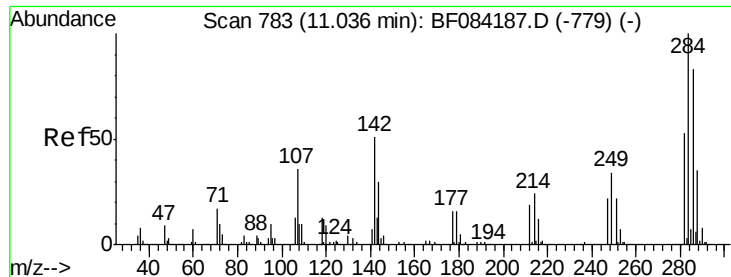


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

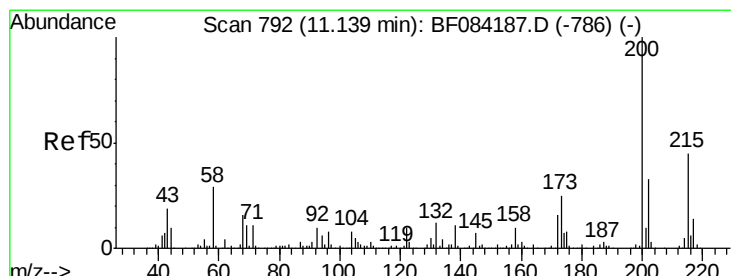
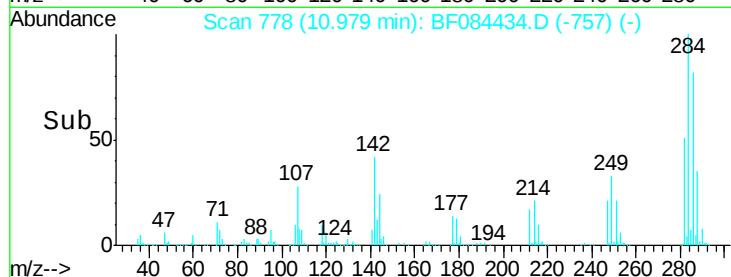
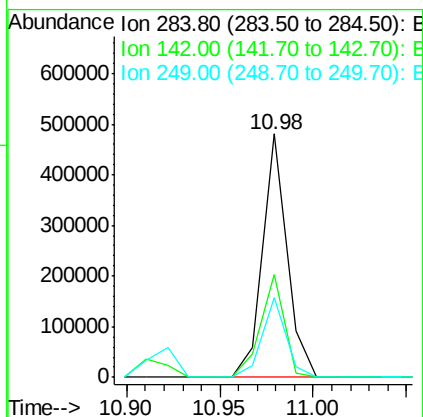
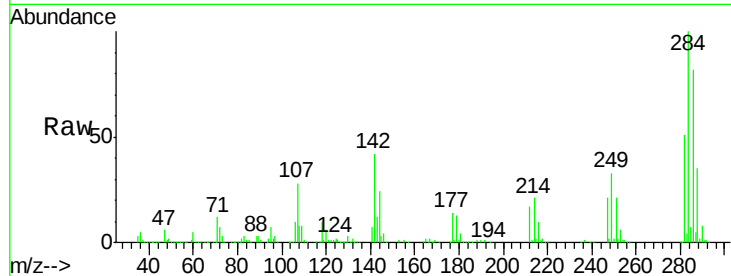




#67
Hexachlorobenzene
Concen: 48.17 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

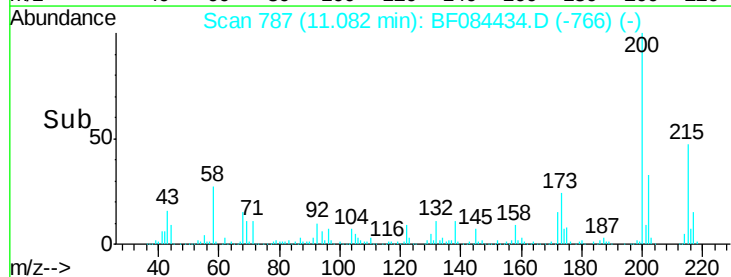
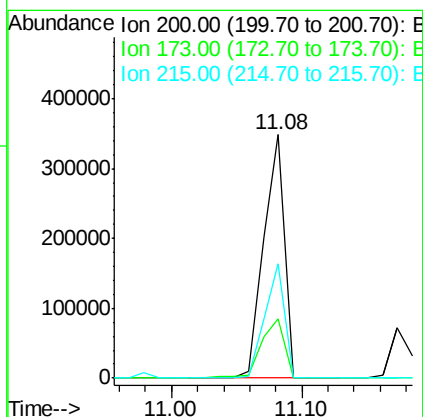
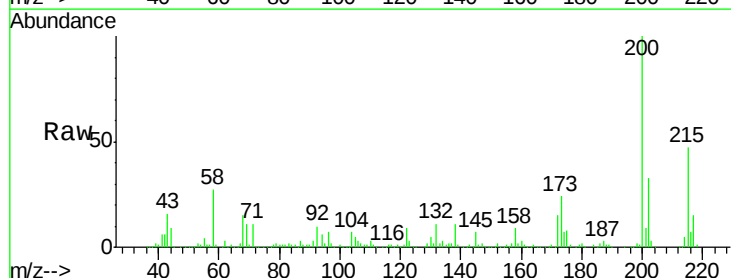
Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

Tgt Ion:284 Resp: 434109
Ion Ratio Lower Upper
284 100
142 42.3 22.2 33.4#
249 32.7 24.6 37.0



#68
Atrazine
Concen: 49.62 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:200 Resp: 386254
Ion Ratio Lower Upper
200 100
173 24.3 9.5 49.5
215 47.2 23.8 63.8





#69

Pentachlorophenol

Concen: 82.33 ng

RT: 11.17 min Scan# 795

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMSD

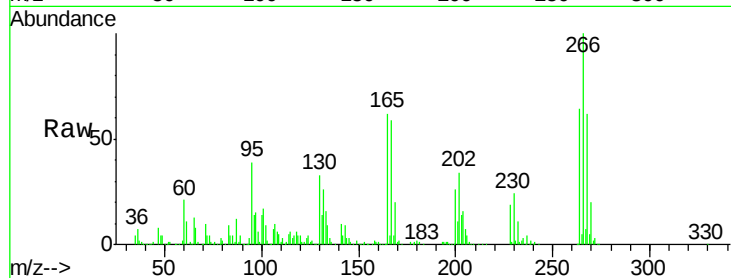
Tgt Ion:266 Resp: 384751

Ion Ratio Lower Upper

266 100

268 62.3 52.4 78.6

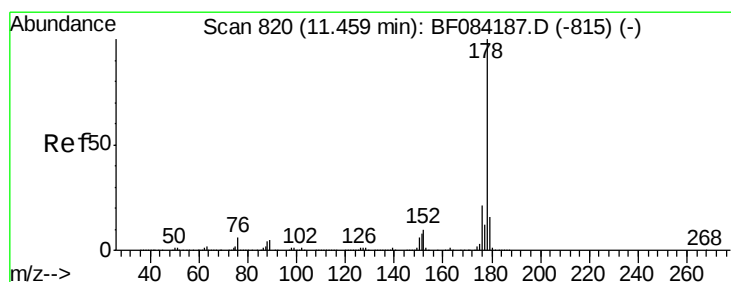
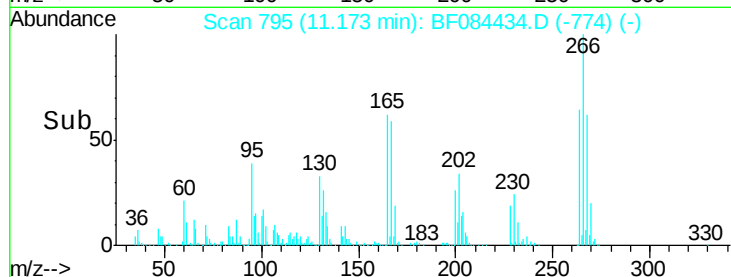
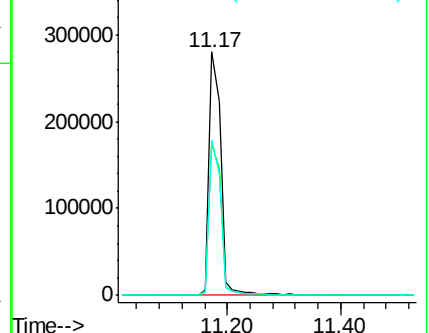
264 63.7 50.2 75.2



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: 49.50 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.07 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

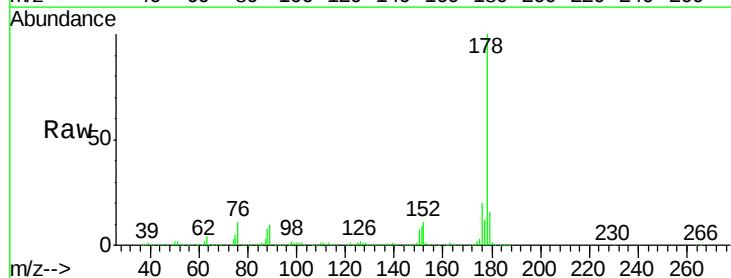
Tgt Ion:178 Resp: 1926153

Ion Ratio Lower Upper

178 100

176 20.3 15.3 22.9

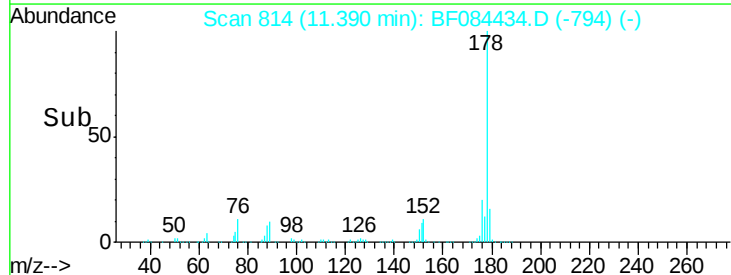
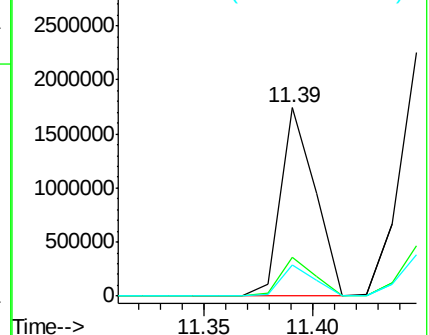
179 16.4 12.0 18.0

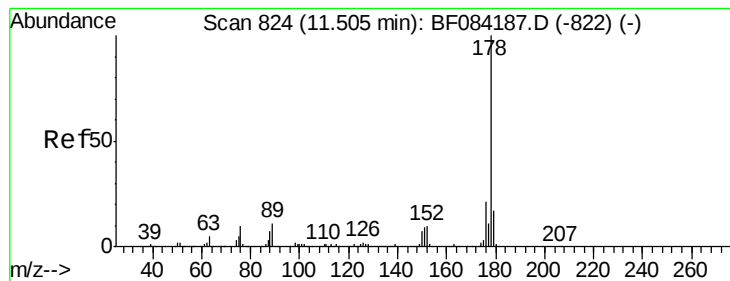


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 54.00 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMSD

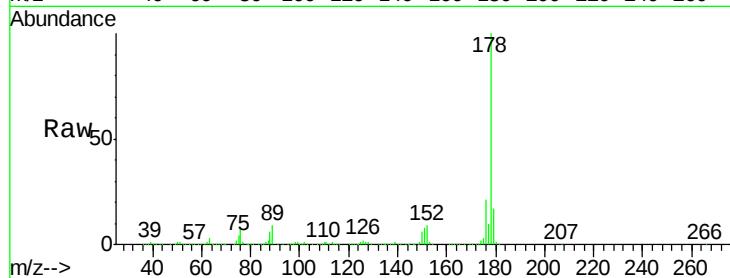
Tgt Ion:178 Resp: 2060065

Ion Ratio Lower Upper

178 100

176 20.6 15.4 23.0

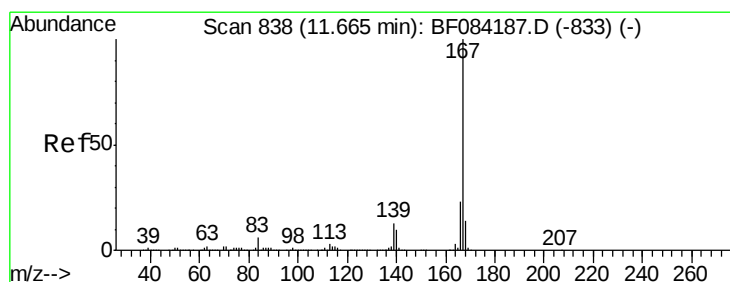
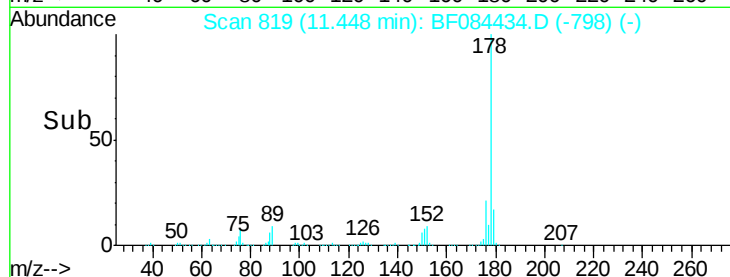
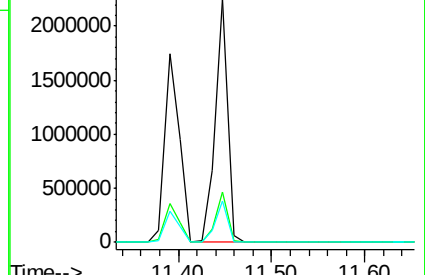
179 16.7 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.64 ng

RT: 11.61 min Scan# 833

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

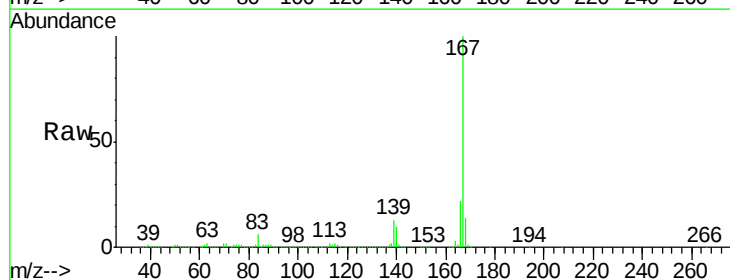
Tgt Ion:167 Resp: 1739309

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

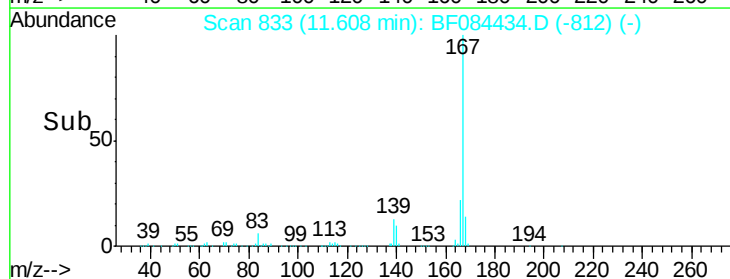
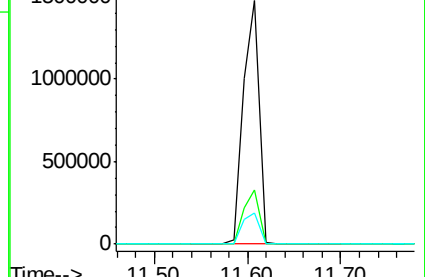
139 12.6 11.8 17.8

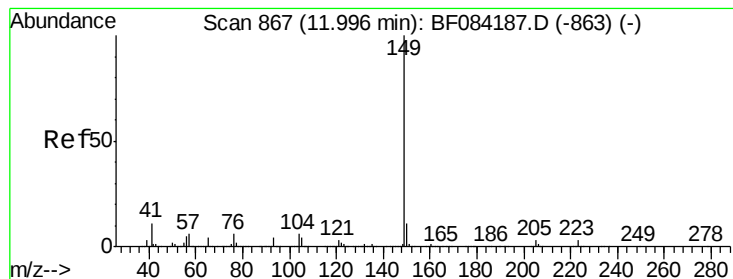


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 58.88 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMSD

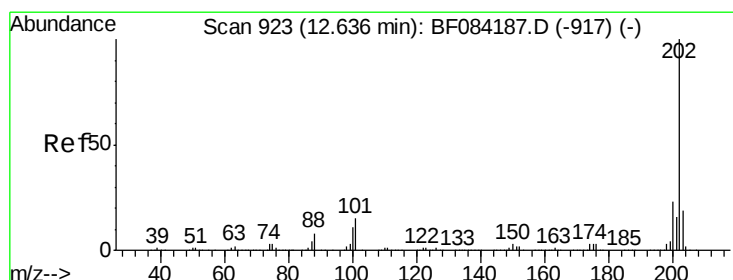
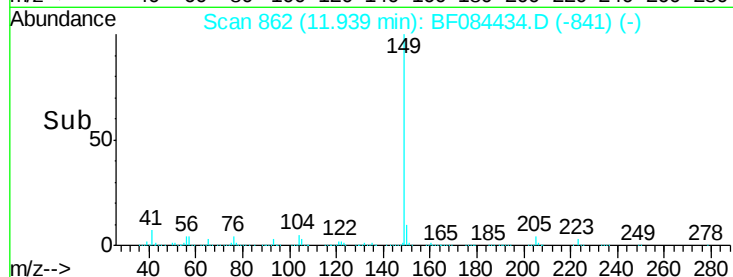
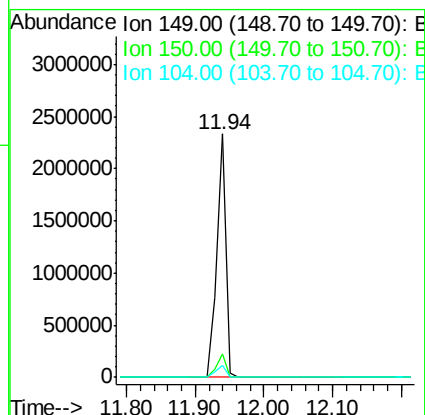
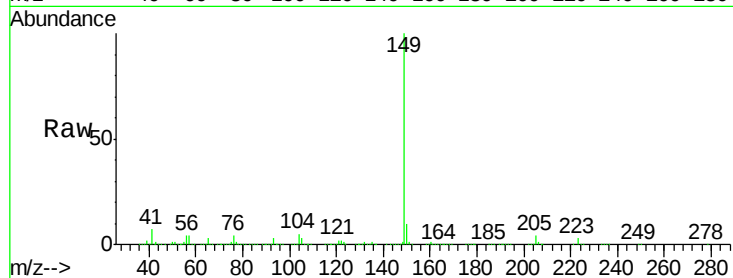
Tgt Ion:149 Resp: 2163693

Ion Ratio Lower Upper

149 100

150 9.8 7.1 10.7

104 5.0 3.2 4.8#



#74

Fluoranthene

Concen: 42.33 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

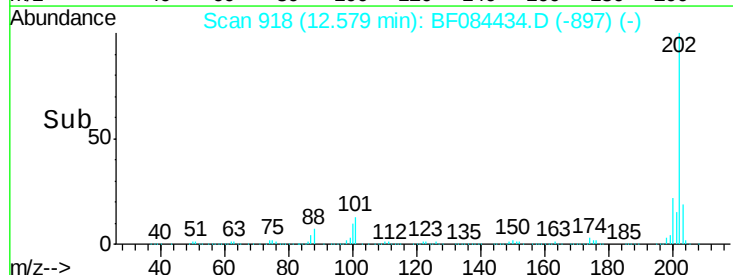
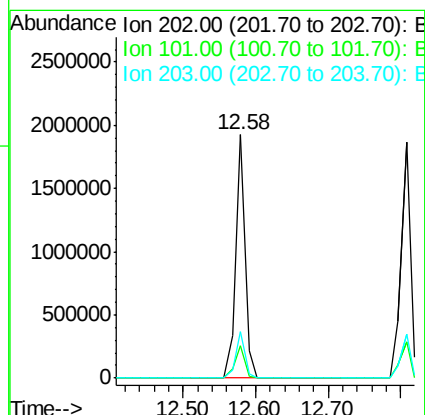
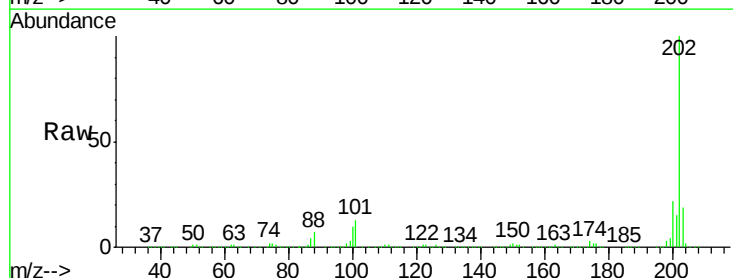
Tgt Ion:202 Resp: 1720628

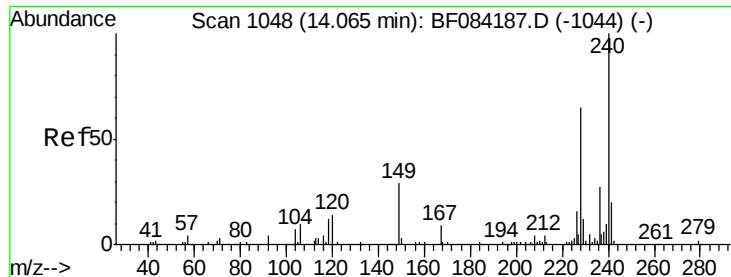
Ion Ratio Lower Upper

202 100

101 13.4 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: BF084434.D

Acq: 13 Jan 2016 2:52

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMSD

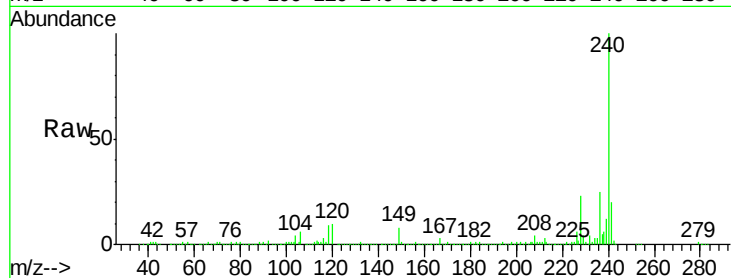
Tgt Ion:240 Resp: 454156

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

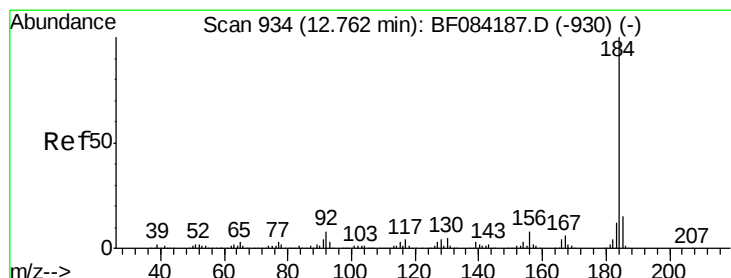
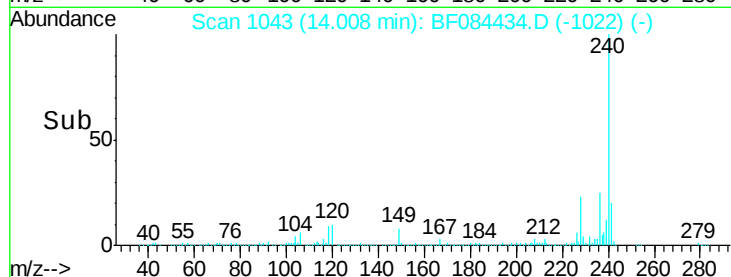
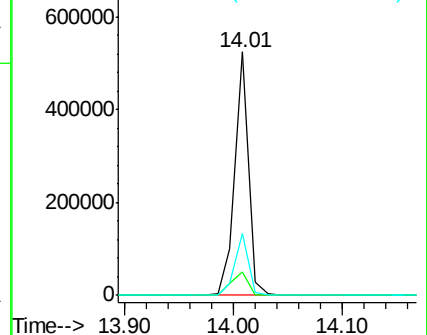
236 25.4 20.6 31.0



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: 11.26 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

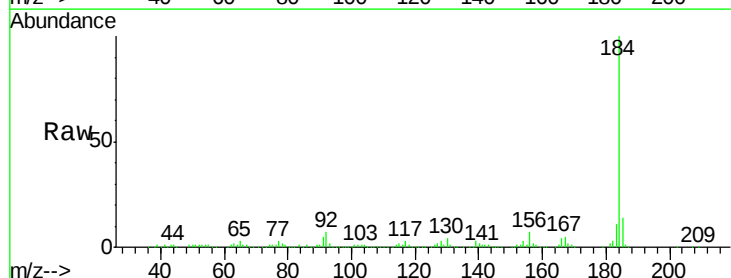
Tgt Ion:184 Resp: 183334

Ion Ratio Lower Upper

184 100

185 13.9 12.2 18.2

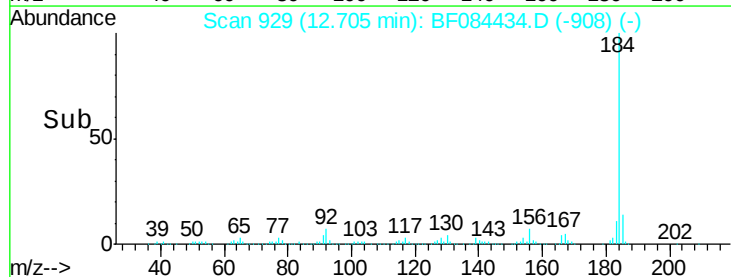
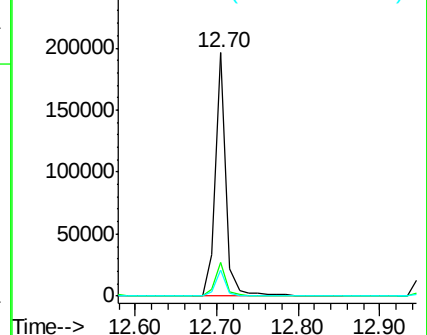
183 10.7 9.8 14.8

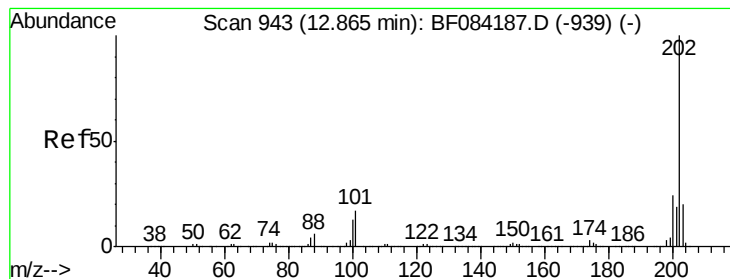


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 48.13 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMSD

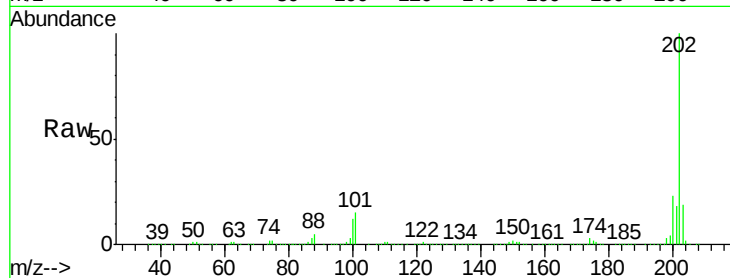
Tgt Ion:202 Resp: 1715274

Ion Ratio Lower Upper

202 100

200 22.6 17.2 25.8

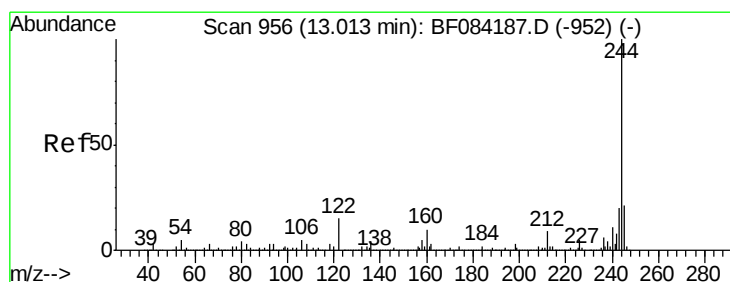
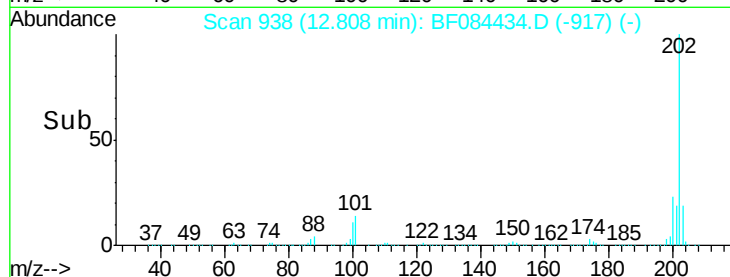
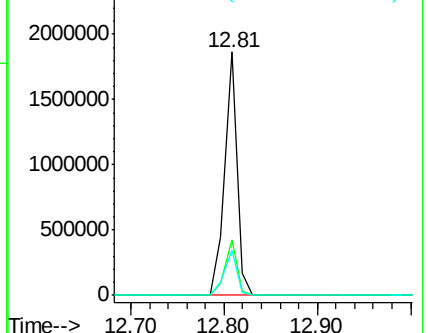
203 18.8 14.3 21.5



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: 93.80 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

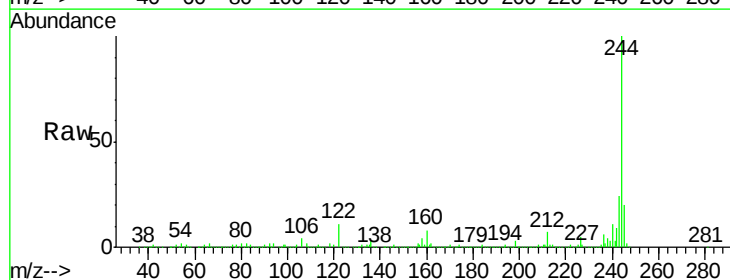
Tgt Ion:244 Resp: 1908466

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

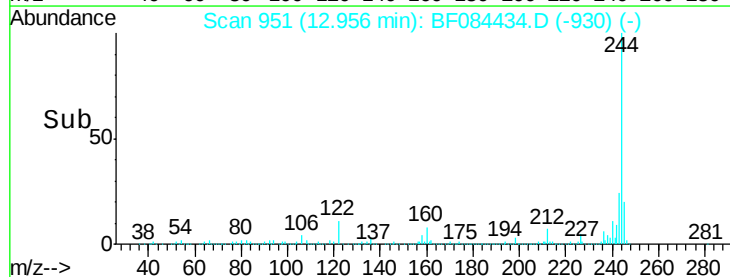
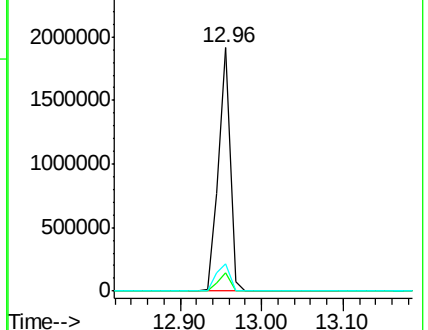
122 11.3 7.4 11.0#

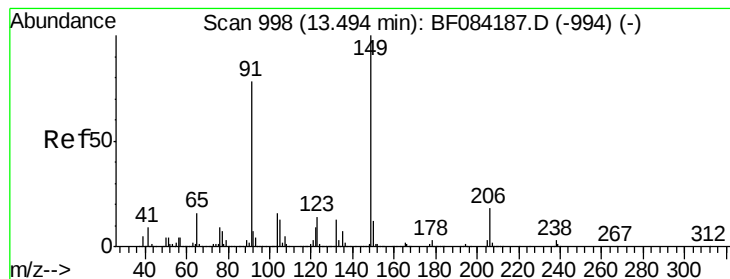


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.55 ng

RT: 13.44 min Scan# 993

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMSD

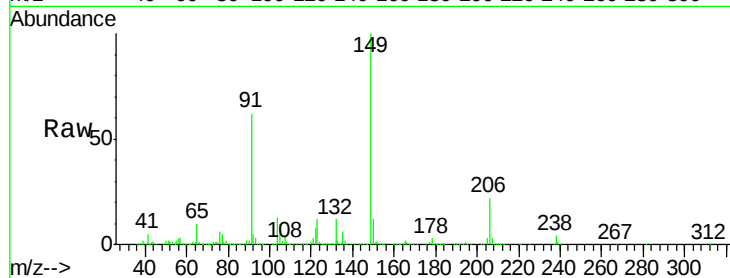
Tgt Ion:149 Resp: 748778

Ion Ratio Lower Upper

149 100

91 61.7 57.6 86.4

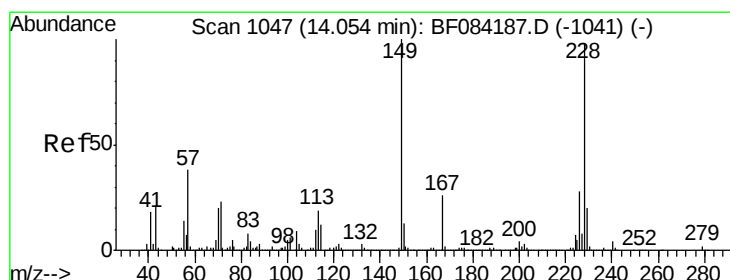
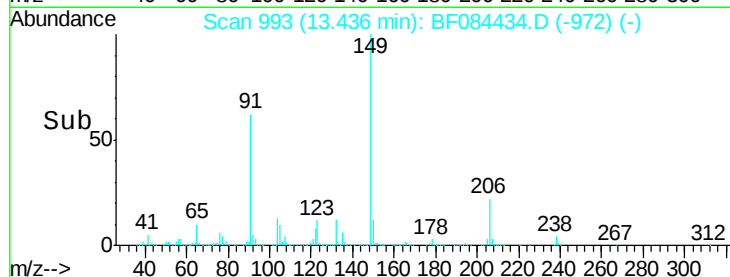
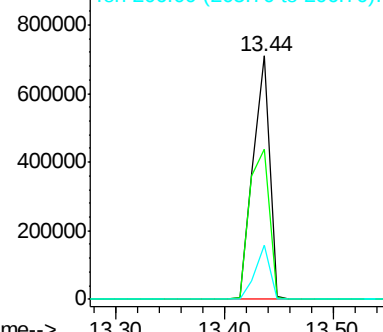
206 22.0 13.2 19.8#



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: 46.75 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

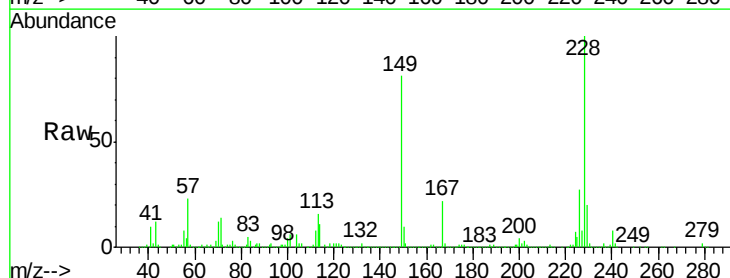
Tgt Ion:228 Resp: 1246562

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.6

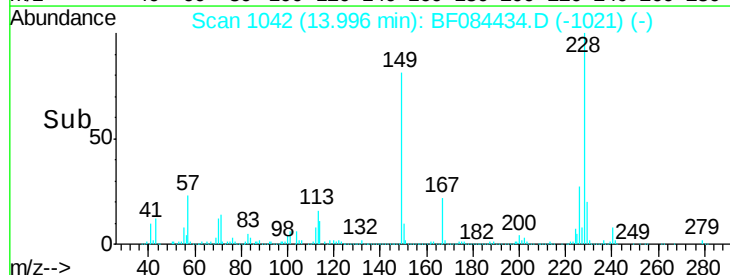
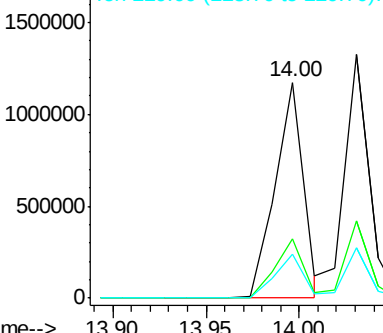
229 20.2 15.8 23.8

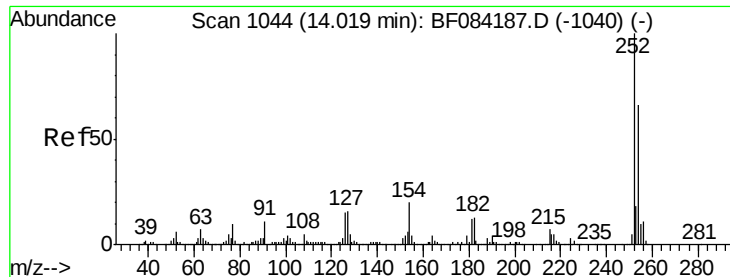


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

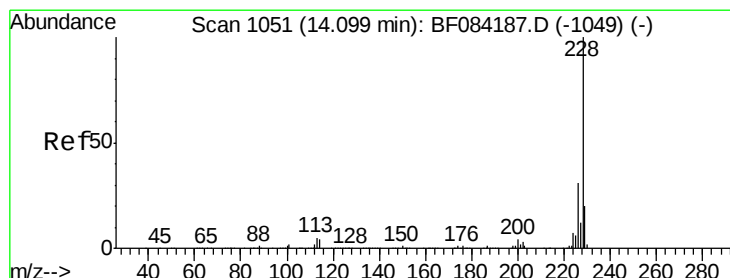
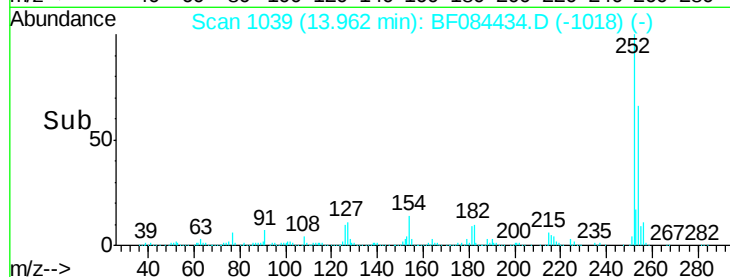
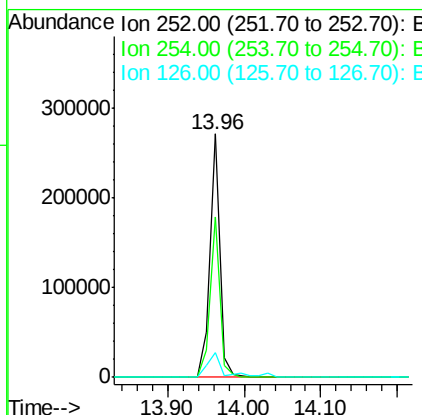
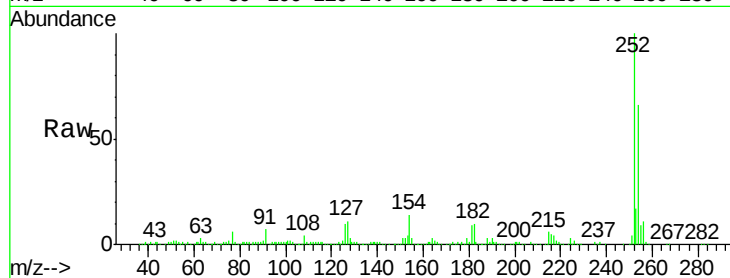




#81
 3,3'-Dichlorobenzidine
 Concen: 26.17 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.06 min
 Lab File: BF084434.D
 Acq: 13 Jan 2016 2:52

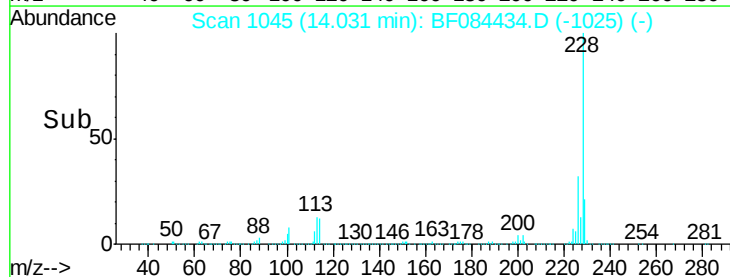
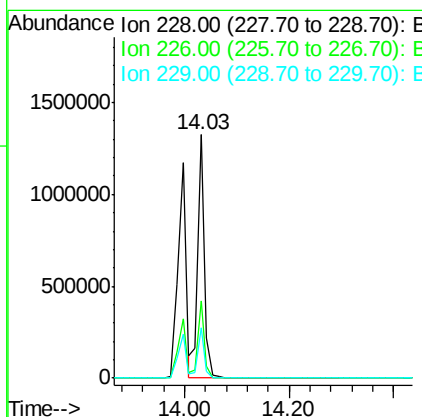
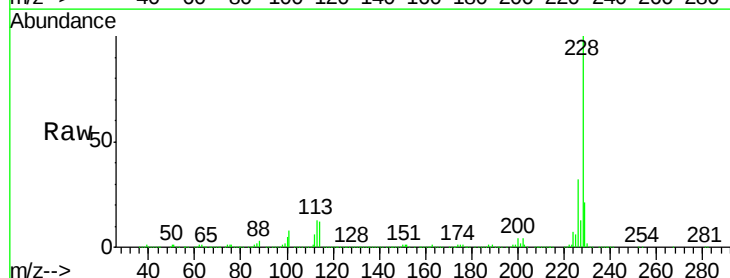
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMSD

Tgt Ion:252 Resp: 243596
 Ion Ratio Lower Upper
 252 100
 254 65.9 53.5 80.3
 126 10.4 4.9 7.3#



#82
 Chrysene
 Concen: 46.79 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.07 min
 Lab File: BF084434.D
 Acq: 13 Jan 2016 2:52

Tgt Ion:228 Resp: 1199105
 Ion Ratio Lower Upper
 228 100
 226 31.7 24.3 36.5
 229 20.7 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.52 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.06 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMSD

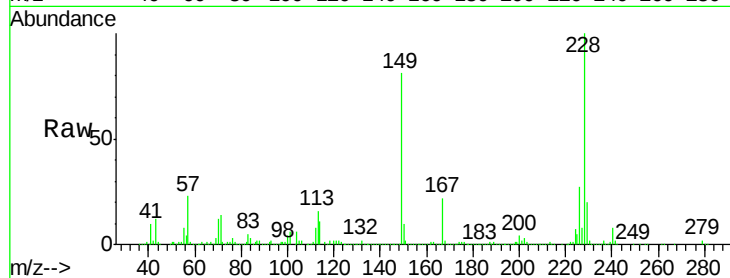
Tgt Ion:149 Resp: 906397

Ion Ratio Lower Upper

149 100

167 26.6 19.7 29.5

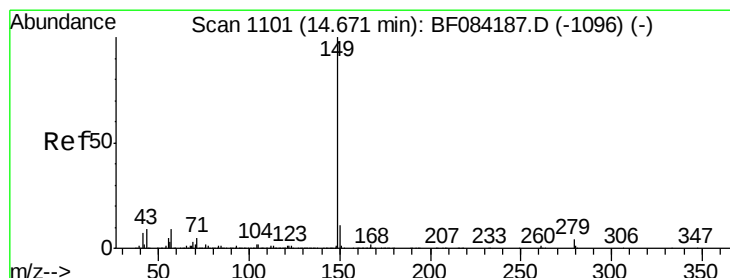
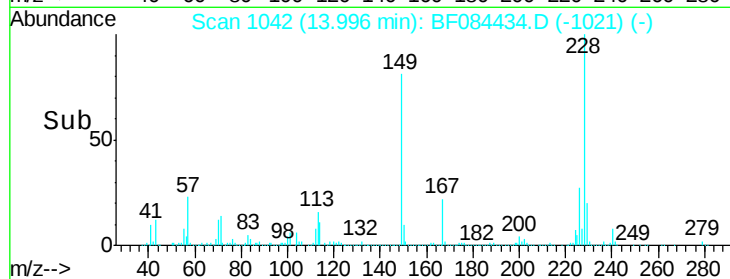
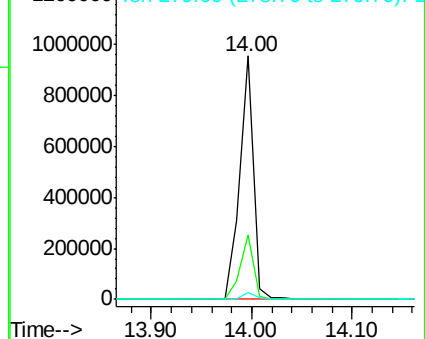
279 3.0 1.8 2.6#



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: 46.93 ng

RT: 14.60 min Scan# 1095

Delta R.T. -0.07 min

Lab File: BF084434.D

Acq: 13 Jan 2016 2:52

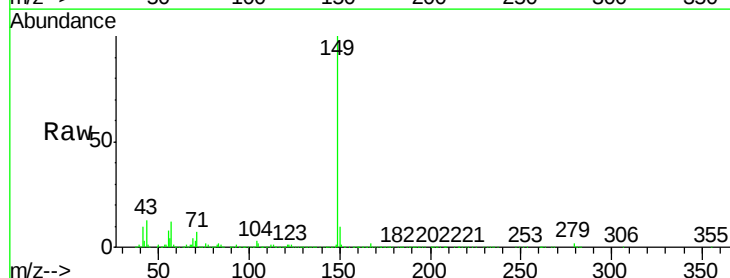
Tgt Ion:149 Resp: 1543654

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

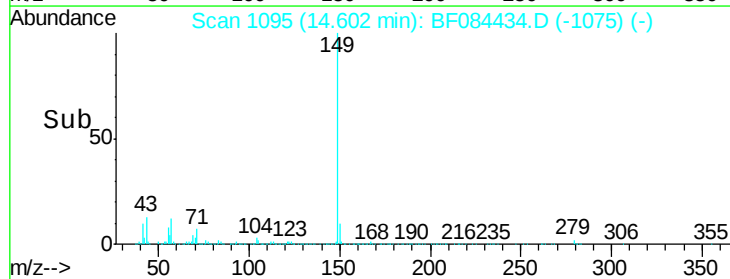
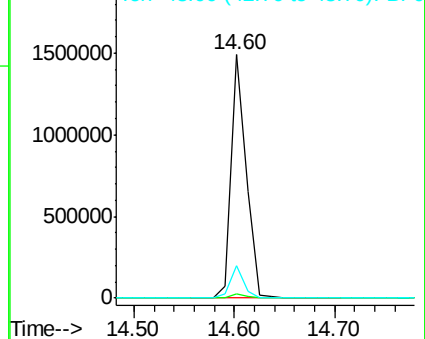
43 11.6 5.6 8.4#

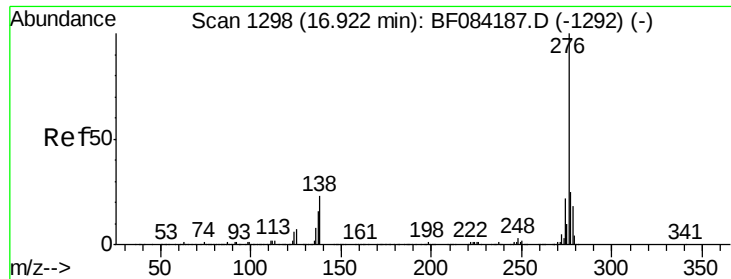


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

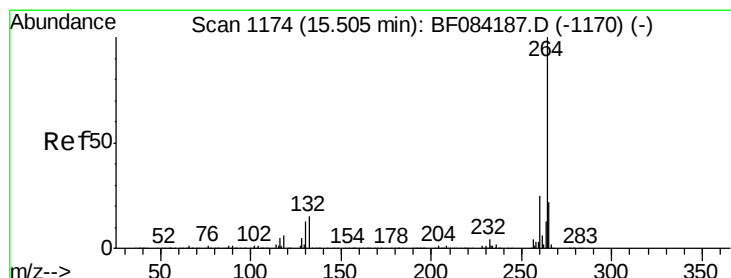
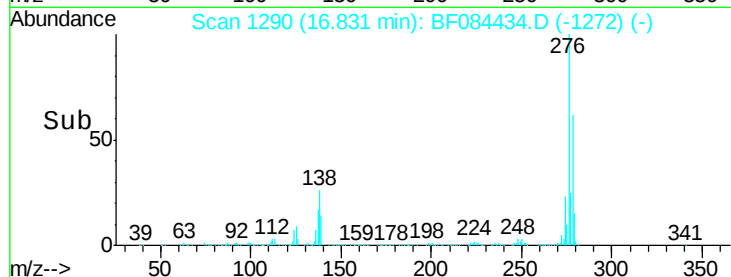
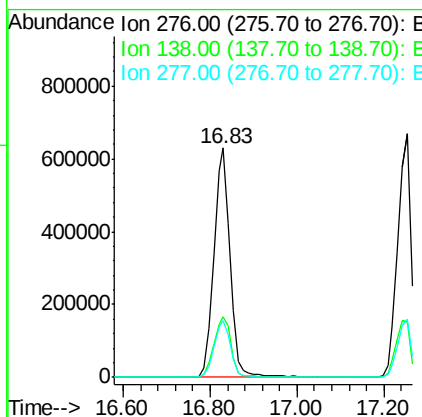
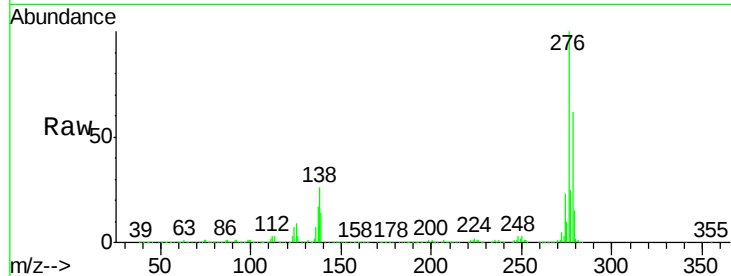




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 82.43 ng
 RT: 16.83 min Scan# 1290
 Delta R.T. -0.09 min
 Lab File: BF084434.D
 Acq: 13 Jan 2016 2:52

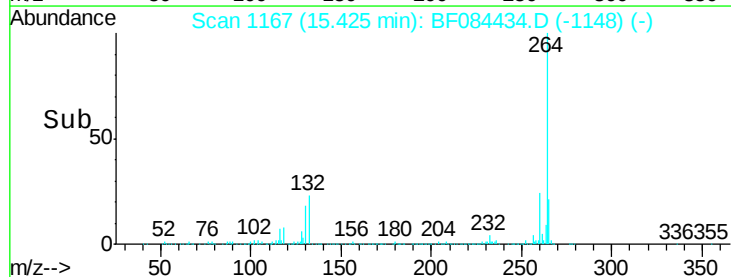
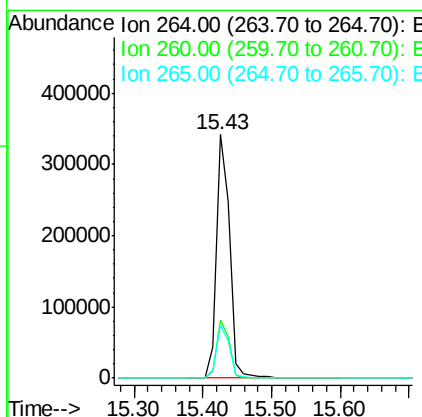
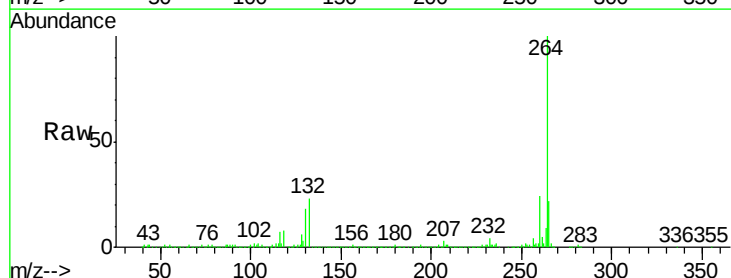
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMSD

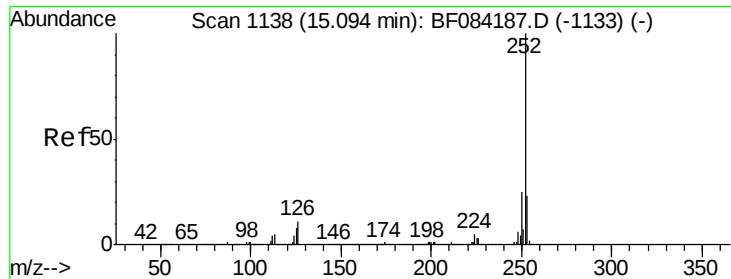
Tgt Ion: 276 Resp: 1674341
 Ion Ratio Lower Upper
 276 100
 138 28.3 20.6 30.8
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF084434.D
 Acq: 13 Jan 2016 2:52

Tgt Ion: 264 Resp: 462756
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.5 17.8 26.6

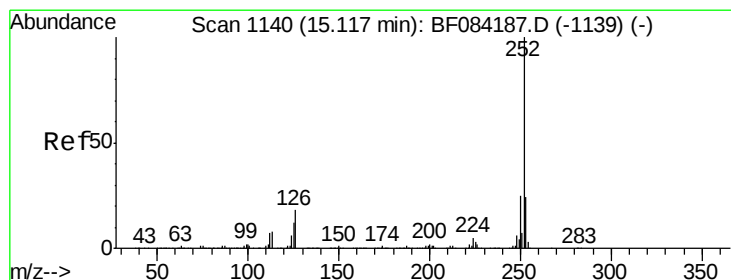
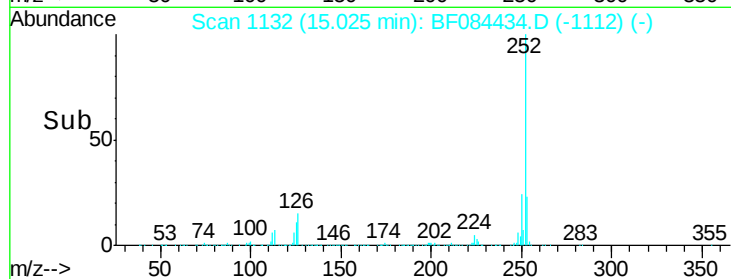
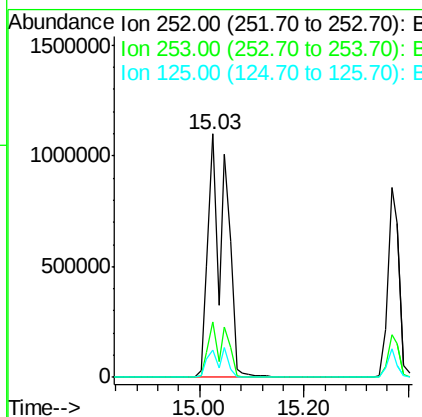
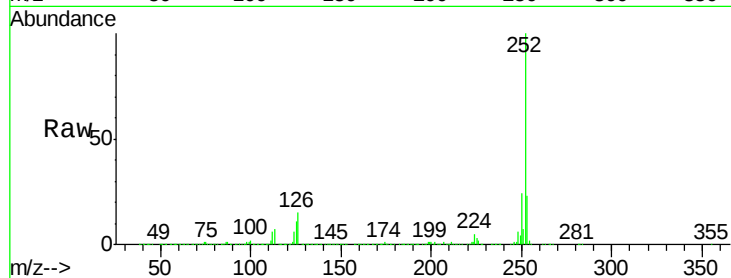




#87
 Benzo(b)fluoranthene
 Concen: 83.48 ng
 RT: 15.03 min Scan# 1132
 Delta R.T. -0.07 min
 Lab File: BF084434.D
 Acq: 13 Jan 2016 2:52

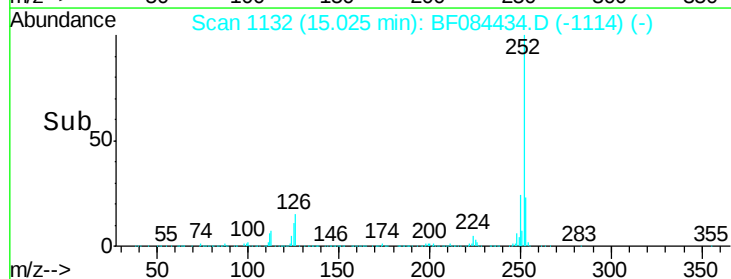
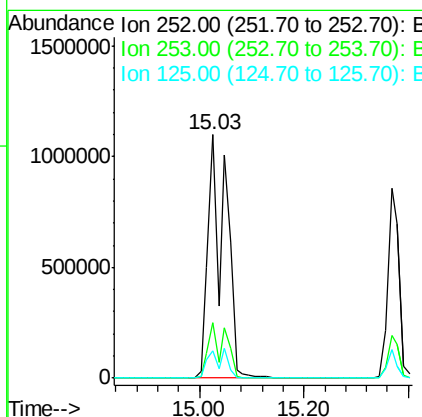
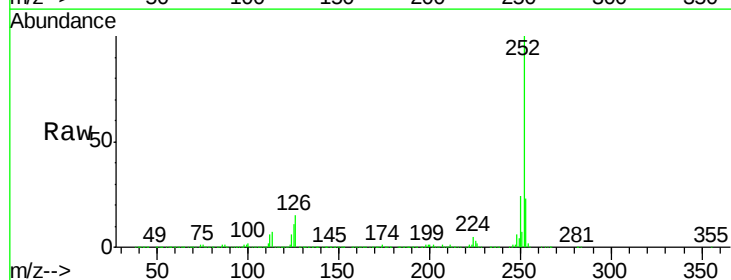
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11SMSD

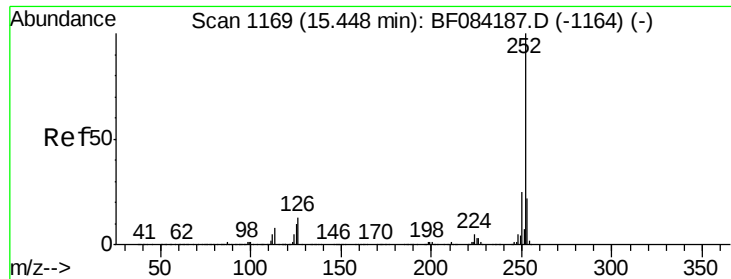
Tgt Ion:252 Resp: 2527082
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.3 25.9
 125 11.2 6.5 9.7#



#88
 Benzo(k)fluoranthene
 Concen: 102.08 ng
 RT: 15.03 min Scan# 1132
 Delta R.T. -0.09 min
 Lab File: BF084434.D
 Acq: 13 Jan 2016 2:52

Tgt Ion:252 Resp: 2527082
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.1 27.1
 125 11.2 9.0 13.6

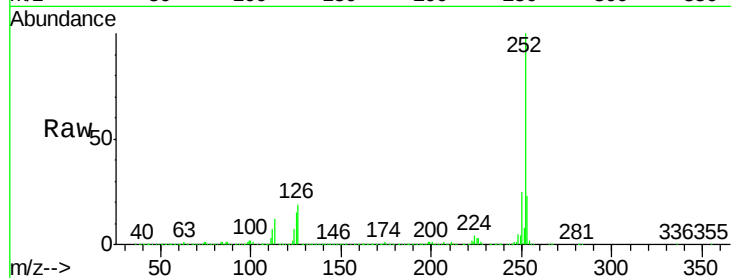




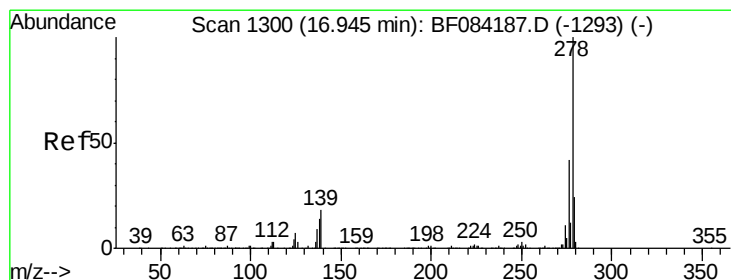
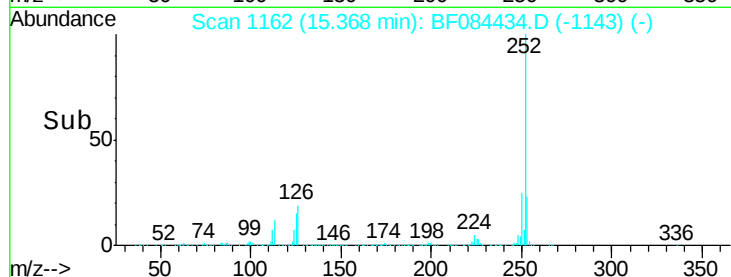
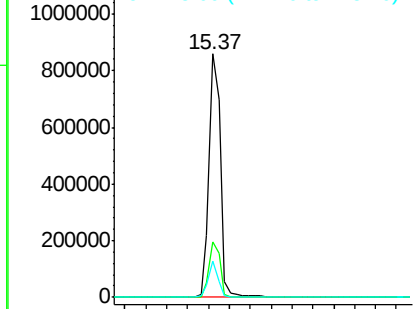
#89
Benzo(a)pyrene
Concen: 50.57 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.08 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

Tgt Ion:252 Resp: 1298400
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 14.7 7.0 10.4#

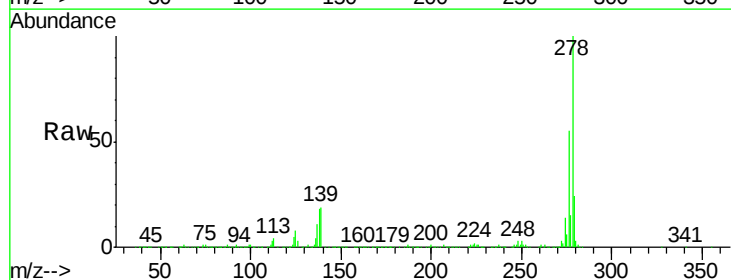


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

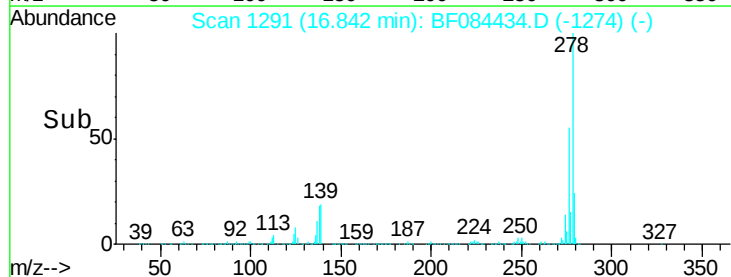
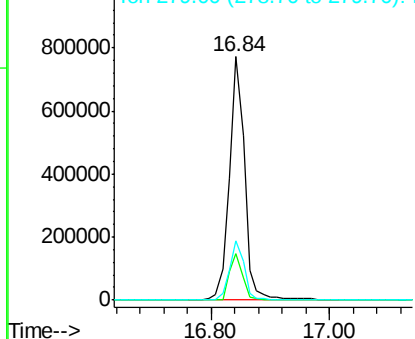


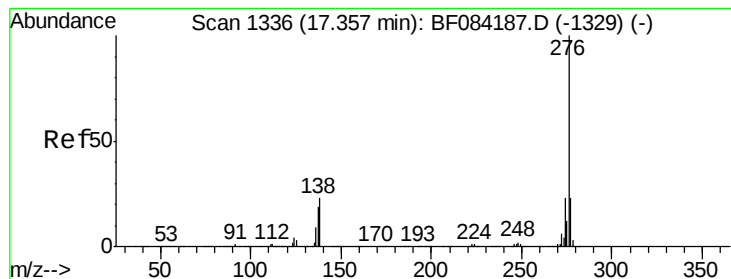
#90
Dibenzo(a,h)anthracene
Concen: 62.10 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.10 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:278 Resp: 1372016
Ion Ratio Lower Upper
278 100
139 19.0 15.0 22.4
279 24.2 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: 63.90 ng

RT: 17.25 min Scan# 1327

Delta R.T. -0.10 min

Lab File: BF084434.D

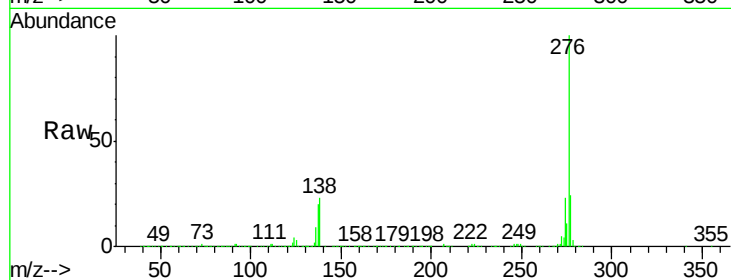
Acq: 13 Jan 2016 2:52

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11SMSD



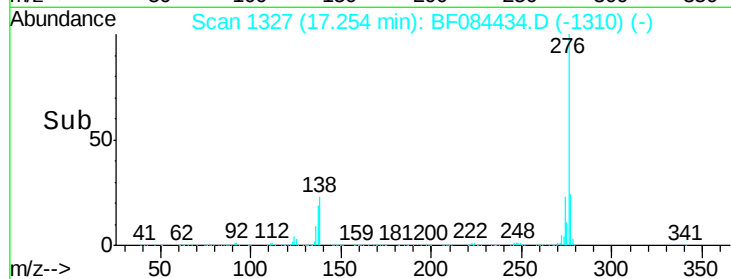
Tgt Ion:276 Resp: 1461964

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 22.8 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

