

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
 Data File : BF084597.D
 Acq On : 22 Jan 2016 18:51
 Operator : SJ/IZ
 Sample : H1187-06MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01MSD

Quant Time: Jan 22 22:12:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	192757	20.00	ng	-0.08
21) Naphthalene-d8	8.03	136	771705	20.00	ng	-0.09
38) Acenaphthene-d10	9.79	164	385430	20.00	ng	-0.08
63) Phenanthrene-d10	11.26	188	685459	20.00	ng	-0.09
75) Chrysene-d12	13.91	240	477170	20.00	ng	-0.09
86) Perylene-d12	15.30	264	399211	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1319387	110.71	ng	-0.08
7) Phenol-d6	6.41	99	2009546	134.26	ng	-0.07
23) Nitrobenzene-d5	7.32	82	1302362	93.93	ng	-0.08
41) 2,4,6-Tribromophenol	10.58	330	428539	110.13	ng	-0.09
44) 2-Fluorobiphenyl	9.12	172	1901097	86.91	ng	-0.08
78) Terphenyl-d14	12.85	244	1722914	80.60	ng	-0.09

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	211545	37.47	ng	# 77
3) Pyridine	3.01	79	509935	32.40	ng	# 76
4) n-Nitrosodimethylamine	2.97	42	326378	40.40	ng	# 81
6) Aniline	6.41	93	395852	18.08	ng	# 24
8) 2-Chlorophenol	6.53	128	585486	43.30	ng	# 88
9) Benzaldehyde	6.29	77	53681	5.51	ng	# 91
10) Phenol	6.42	94	770948	45.30	ng	# 92
11) bis(2-Chloroethyl)ether	6.49	93	560775	42.54	ng	# 82
12) 1,3-Dichlorobenzene	6.92	146	590297	42.32	ng	# 99
13) 1,4-Dichlorobenzene	6.76	146	593896	42.46	ng	# 97
14) 1,2-Dichlorobenzene	6.92	146	590338	44.07	ng	# 96
15) Benzyl Alcohol	6.90	79	498810	39.62	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	7.04	45	914144	38.08	ng	# 86
17) 2-Methylphenol	7.02	107	500446	44.16	ng	# 92
18) Hexachloroethane	7.26	117	238537	42.65	ng	# 84
19) n-Nitroso-di-n-propylamine	7.17	70	423359	41.79	ng	# 76
20) 3+4-Methylphenols	7.17	107	593232	44.54	ng	# 78
22) Acetophenone	7.16	105	834167	44.95	ng	# 98
24) Nitrobenzene	7.33	77	581413	41.34	ng	# 95
25) Isophorone	7.57	82	1178793	44.45	ng	# 98
26) 2-Nitrophenol	7.65	139	339314	53.01	ng	# 87
27) 2,4-Dimethylphenol	7.70	122	486720	37.57	ng	# 95
28) bis(2-Chloroethoxy)methane	7.79	93	699537	43.19	ng	# 99
29) 2,4-Dichlorophenol	7.90	162	518992	48.09	ng	# 92
30) 1,2,4-Trichlorobenzene	7.97	180	506499	45.46	ng	# 97
31) Naphthalene	8.05	128	1581799	45.18	ng	# 99
32) Benzoic acid	7.79	122	62609	12.78	ng	# 90
33) 4-Chloroaniline	8.11	127	276392	17.22	ng	# 94
34) Hexachlorobutadiene	8.18	225	303463	47.38	ng	# 100
35) Caprolactam	8.49	113	114529	31.48	ng	# 44
36) 4-Chloro-3-methylphenol	8.61	107	607796	50.28	ng	# 96
37) 2-Methylnaphthalene	8.75	142	1195578	47.57	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	441151	39.81	ng	# 99
40) Hexachlorocyclopentadiene	8.90	237	470658	70.36	ng	# 97

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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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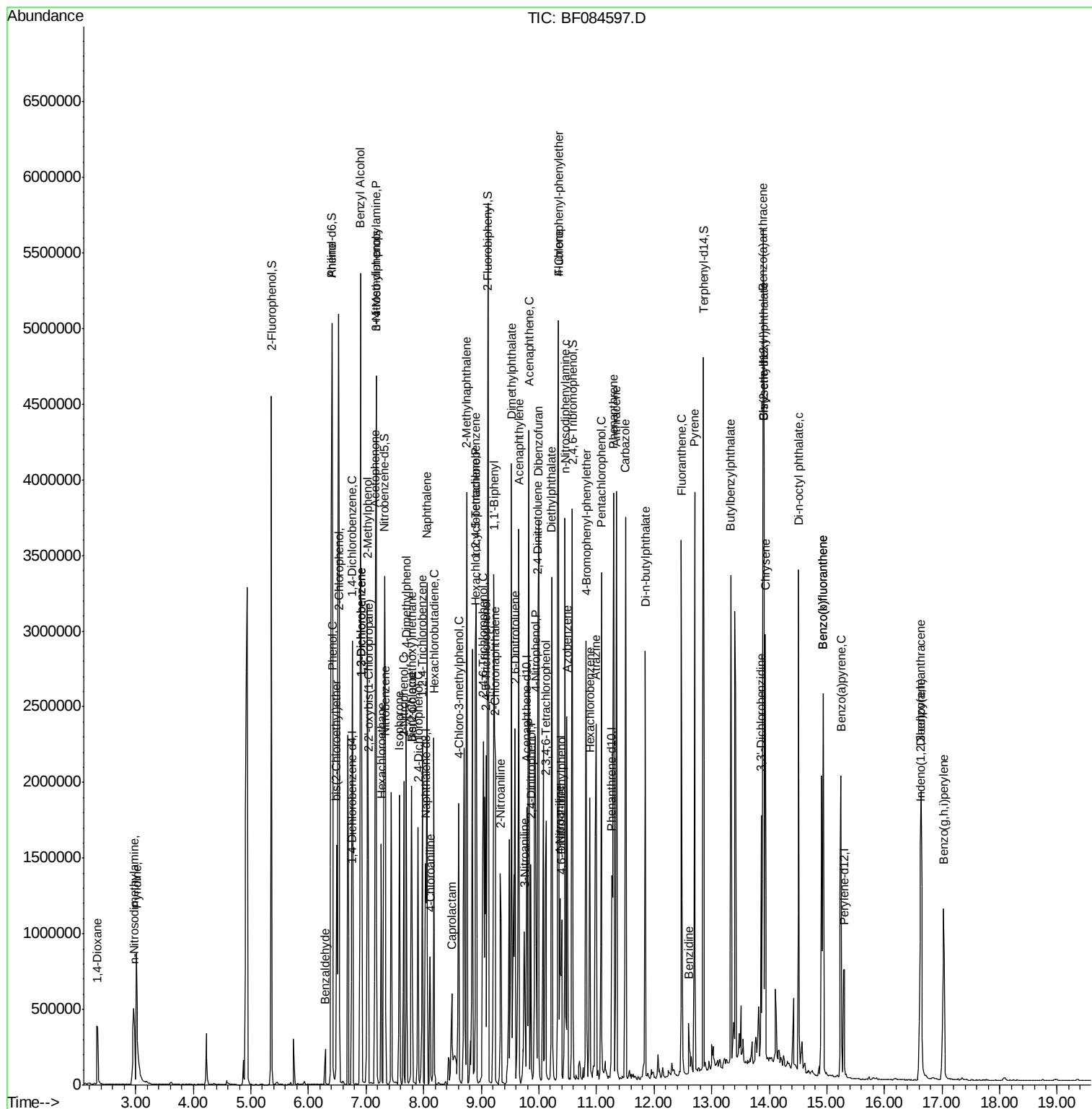
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	357184	43.09	ng	94
43) 2,4,5-Trichlorophenol	9.08	196	355619	44.75	ng #	90
45) 1,1'-Biphenyl	9.22	154	1394082	45.51	ng	96
46) 2-Chloronaphthalene	9.24	162	1052315	43.73	ng #	87
47) 2-Nitroaniline	9.33	65	345120	43.46	ng	99
48) Acenaphthylene	9.65	152	1670535	46.99	ng	97
49) Dimethylphthalate	9.53	163	1851859	67.21	ng #	90
50) 2,6-Dinitrotoluene	9.58	165	292491	48.40	ng #	68
51) Acenaphthene	9.82	154	1077505	45.19	ng	97
52) 3-Nitroaniline	9.74	138	194491	25.97	ng	98
53) 2,4-Dinitrophenol	9.86	184	197232	76.76	ng	91
54) Dibenzofuran	10.00	168	1416421	45.92	ng	93
55) 4-Nitrophenol	9.94	139	482361	88.74	ng	82
56) 2,4-Dinitrotoluene	9.98	165	330808	43.25	ng #	80
57) Fluorene	10.34	166	1144814	48.10	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.12	232	307423	45.31	ng	89
59) Diethylphthalate	10.22	149	1235696	45.48	ng	98
60) 4-Chlorophenyl-phenylether	10.34	204	489384	49.33	ng #	80
61) 4-Nitroaniline	10.36	138	286274	42.89	ng	92
62) Azobenzene	10.49	77	1228071	41.21	ng	86
64) 4,6-Dinitro-2-methylphenol	10.40	198	194872	46.84	ng	89
65) n-Nitrosodiphenylamine	10.45	169	906033	41.34	ng	99
66) 4-Bromophenyl-phenylether	10.82	248	317215	43.00	ng #	79
67) Hexachlorobenzene	10.89	284	385554	46.43	ng #	89
68) Atrazine	10.99	200	365798	51.00	ng	96
69) Pentachlorophenol	11.08	266	353080	82.00	ng	99
70) Phenanthrene	11.30	178	1758119	49.03	ng	97
71) Anthracene	11.34	178	1472434	41.89	ng	98
72) Carbazole	11.50	167	1404768	40.88	ng	98
73) Di-n-butylphthalate	11.85	149	1872385	53.83	ng	98
74) Fluoranthene	12.48	202	1545191	41.25	ng	98
76) Benzidine	12.60	184	151214	8.84	ng	97
77) Pyrene	12.70	202	1555223	41.53	ng	98
79) Butylbenzylphthalate	13.33	149	694716	42.87	ng	88
80) Benzo(a)anthracene	13.89	228	1266311	45.20	ng	98
81) 3,3'-Dichlorobenzidine	13.86	252	275998	28.22	ng #	96
82) Chrysene	13.93	228	1067356	39.64	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	954496	46.63	ng #	94
84) Di-n-octyl phthalate	14.51	149	1549258	44.83	ng #	88
85) Indeno(1,2,3-cd)pyrene	16.63	276	1114673	52.23	ng	99
87) Benzo(b)fluoranthene	14.93	252	2108886	80.76	ng #	96
88) Benzo(k)fluoranthene	14.93	252	2108886	98.74	ng	99
89) Benzo(a)pyrene	15.24	252	1007469	45.48	ng	98
90) Dibenzo(a,h)anthracene	16.64	278	923003	48.43	ng	99
91) Benzo(g,h,i)perylene	17.03	276	955523	48.41	ng	100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

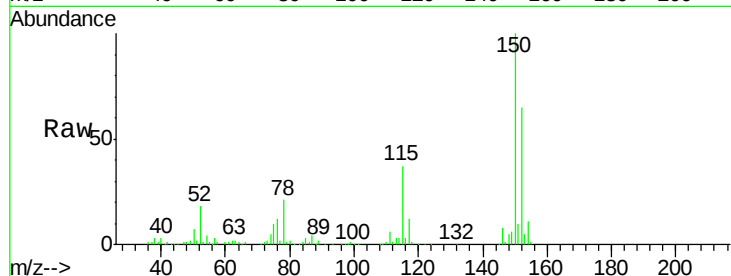
Tgt Ion:152 Resp: 192757

Ion Ratio Lower Upper

152 100

150 154.2 123.0 184.4

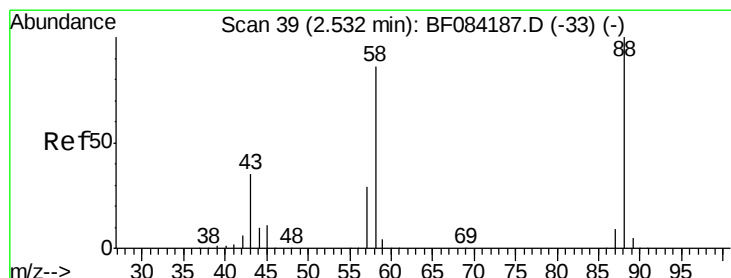
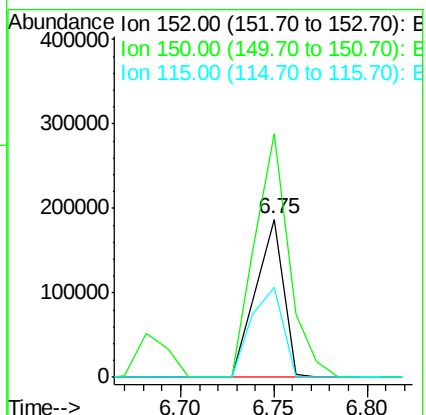
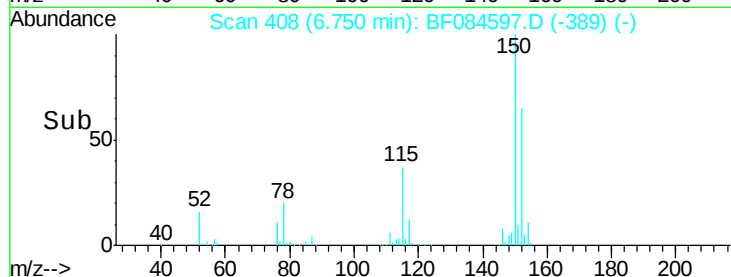
115 56.9 51.4 77.2



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: 37.47 ng

RT: 2.34 min Scan# 22

Delta R.T. -0.06 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

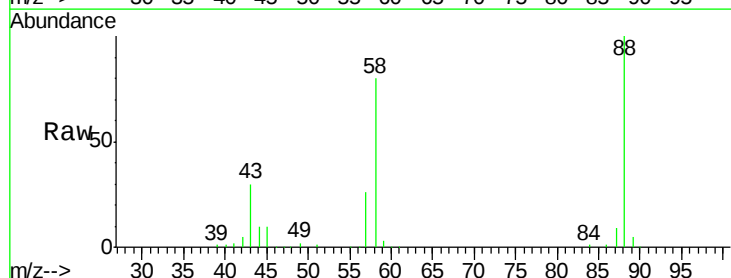
Tgt Ion: 88 Resp: 211545

Ion Ratio Lower Upper

88 100

58 84.1 51.2 76.8#

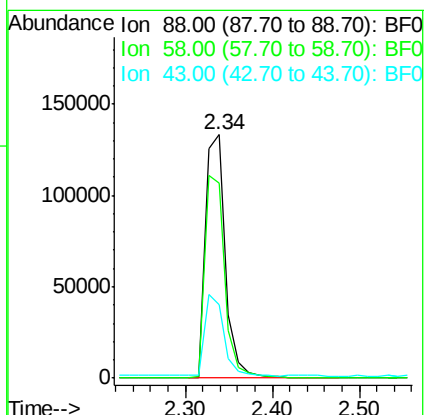
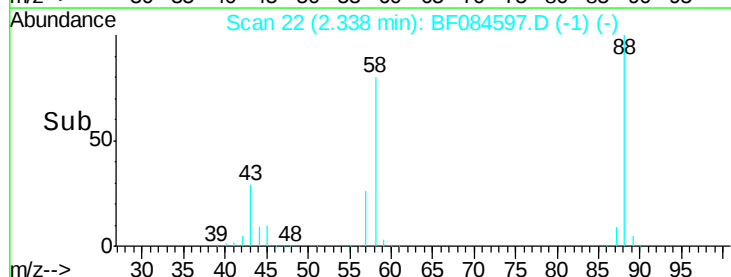
43 31.6 19.5 29.3#

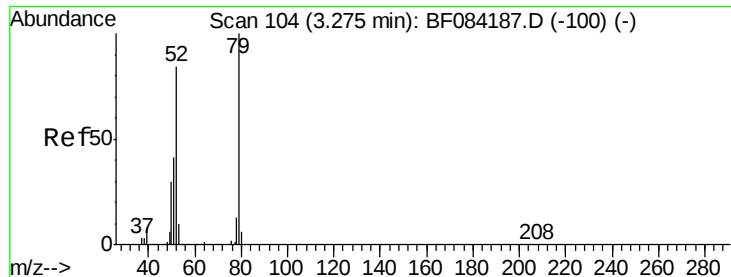


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 32.40 ng

RT: 3.01 min Scan# 81

Delta R.T. -0.11 min

Lab File: BF084597.D

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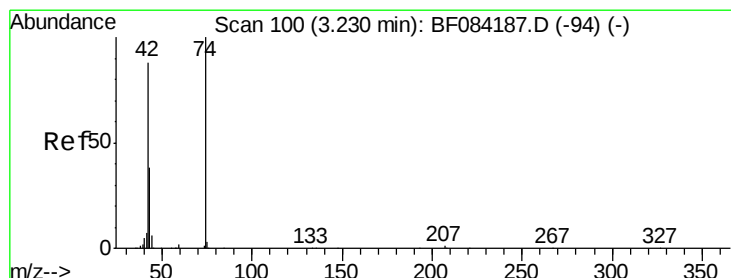
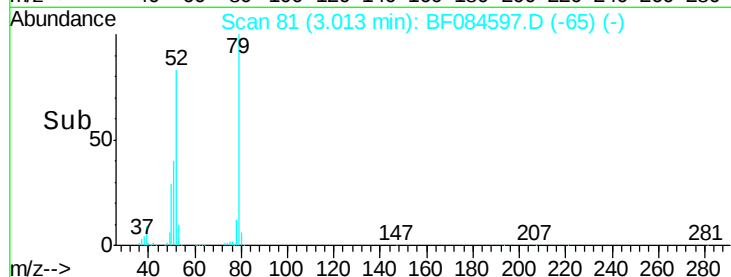
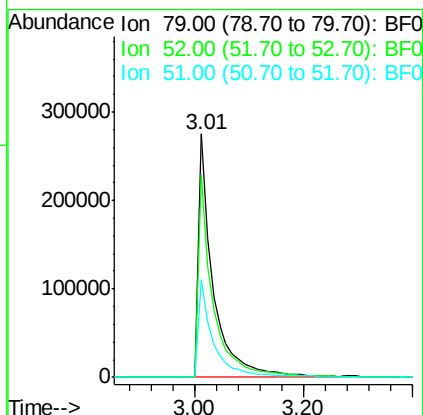
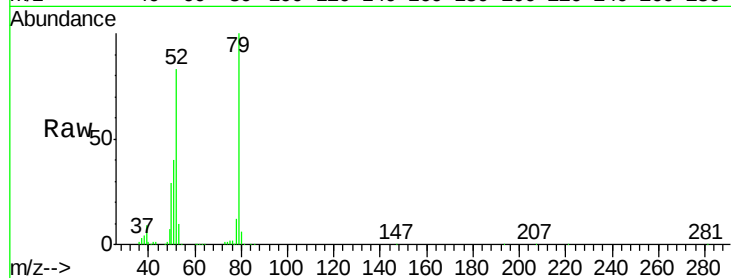
Tgt Ion: 79 Resp: 509935

Ion Ratio Lower Upper

79 100

52 83.0 49.0 73.4#

51 40.3 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 40.40 ng

RT: 2.97 min Scan# 77

Delta R.T. -0.10 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

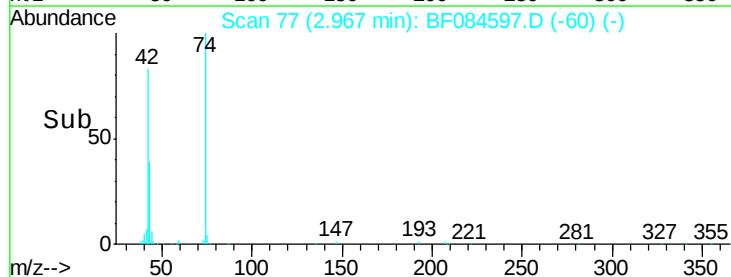
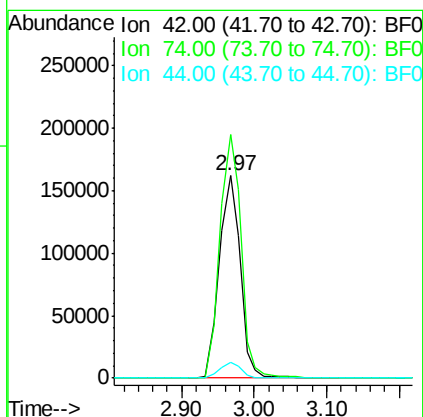
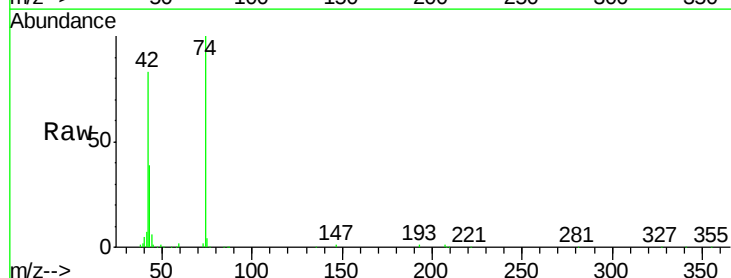
Tgt Ion: 42 Resp: 326378

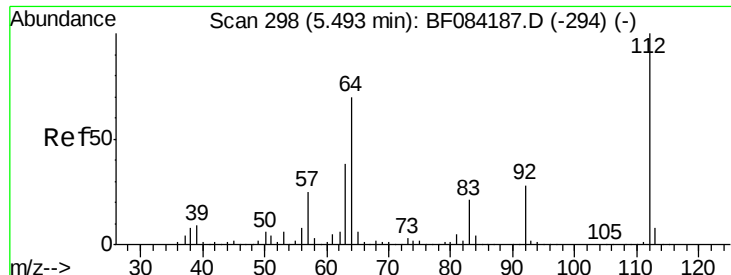
Ion Ratio Lower Upper

42 100

74 120.4 115.7 173.5

44 7.5 5.1 7.7





#5

2-Fluorophenol

Concen: 110.71 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

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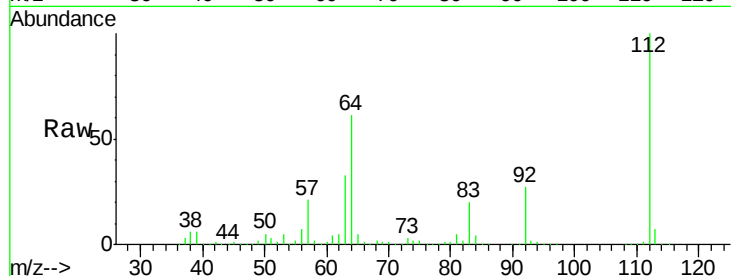
Tgt Ion: 112 Resp: 1319387

Ion Ratio Lower Upper

112 100

64 61.4 36.6 55.0#

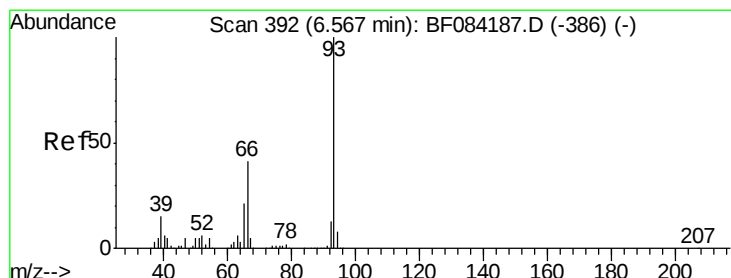
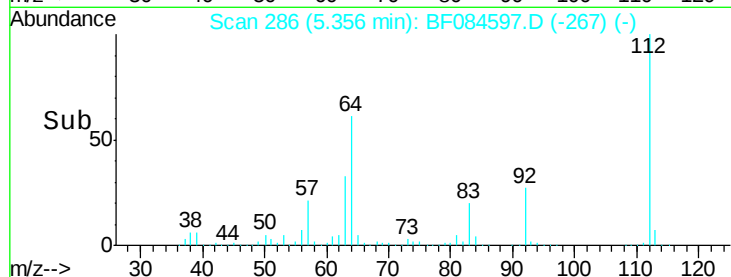
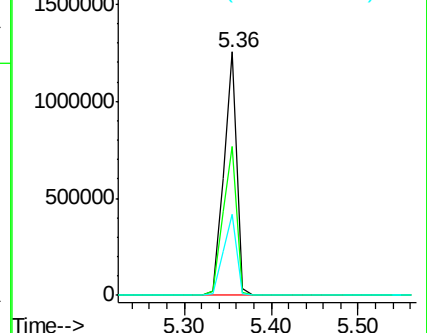
63 33.4 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.08 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

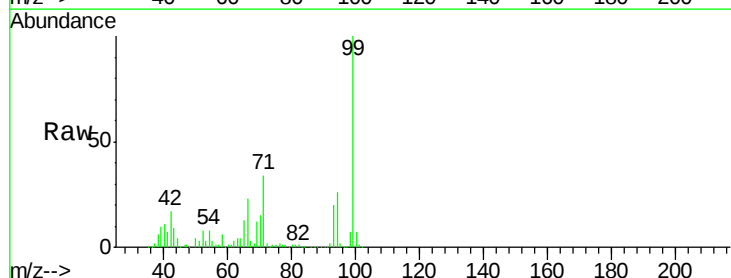
Tgt Ion: 93 Resp: 395852

Ion Ratio Lower Upper

93 100

66 115.0 44.9 67.3#

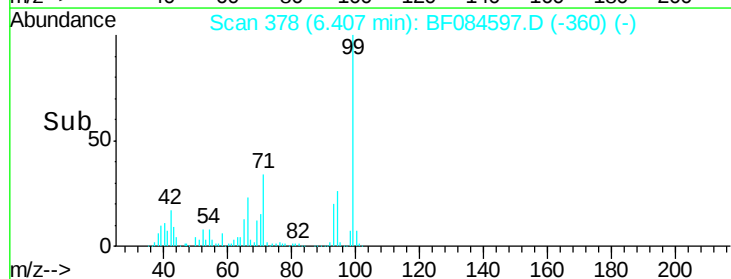
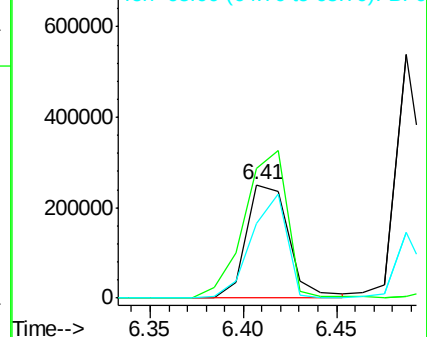
65 66.1 23.7 35.5#

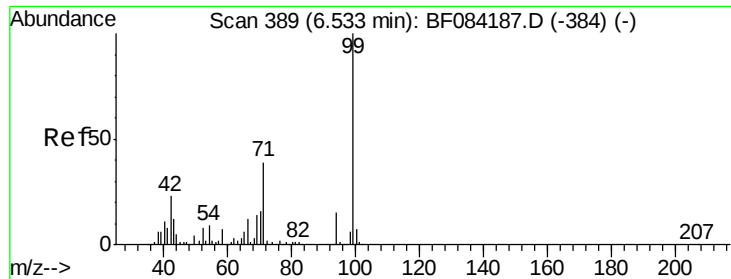


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 134.26 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.07 min

Lab File: BF084597.D

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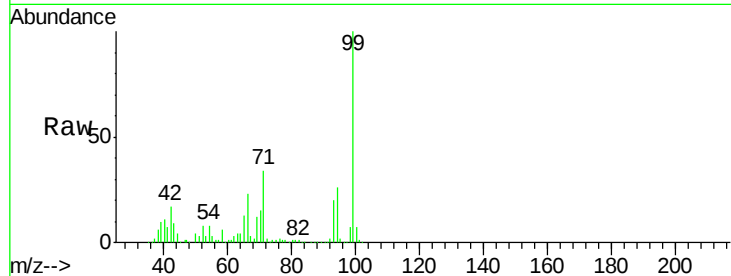
Tgt Ion: 99 Resp: 2009546

Ion Ratio Lower Upper

99 100

42 17.5 12.8 19.2

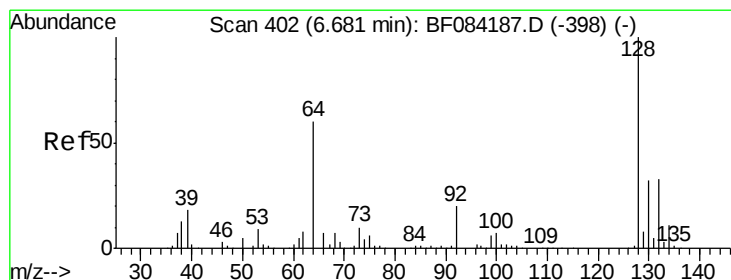
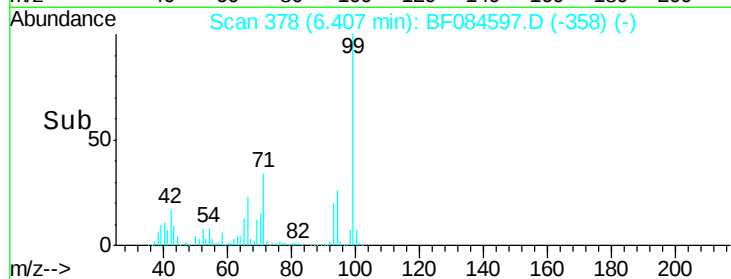
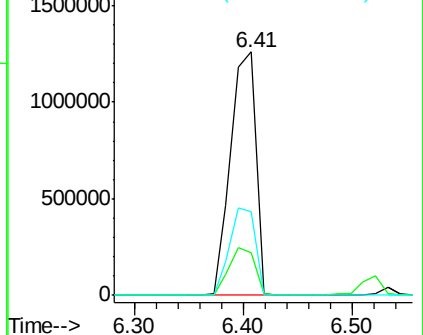
71 34.1 30.9 46.3



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: 43.30 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

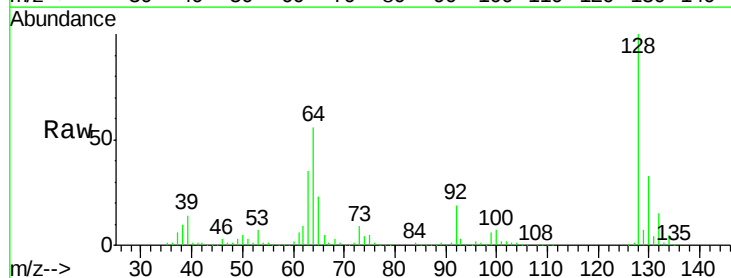
Tgt Ion: 128 Resp: 585486

Ion Ratio Lower Upper

128 100

130 33.1 11.6 51.6

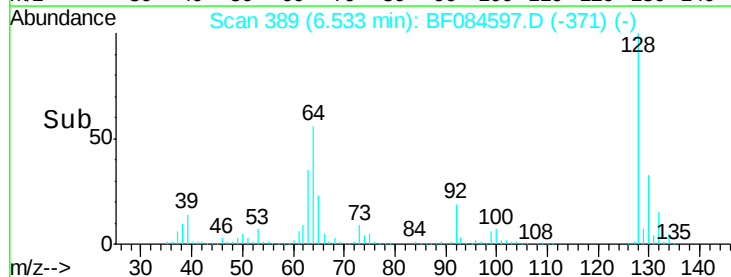
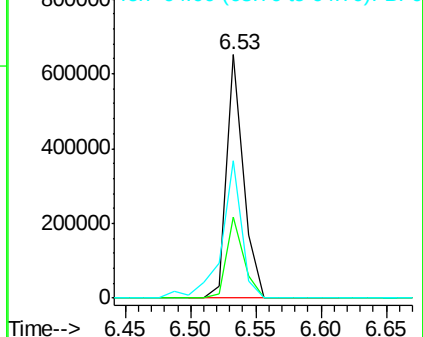
64 56.2 23.8 63.8

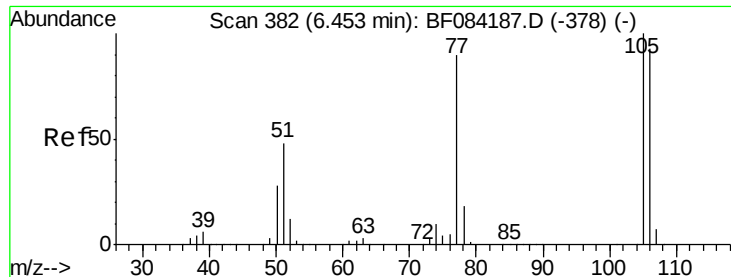


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.51 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

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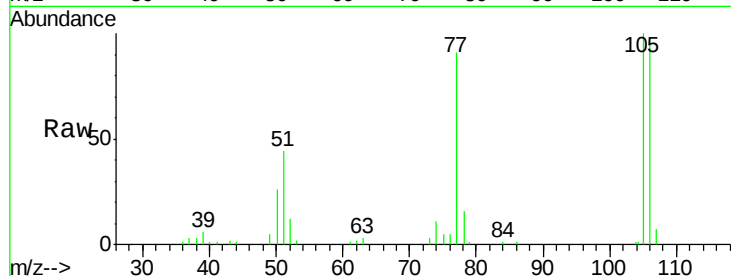
Tgt Ion: 77 Resp: 53681

Ion Ratio Lower Upper

77 100

105 110.3 83.0 123.0

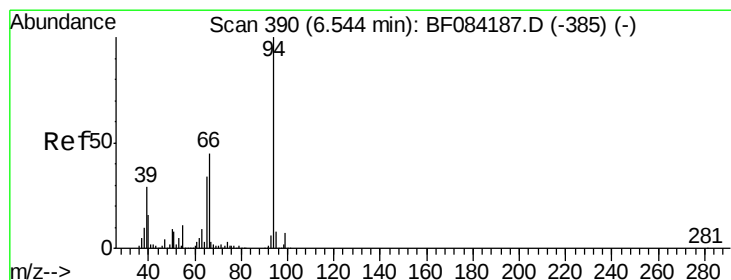
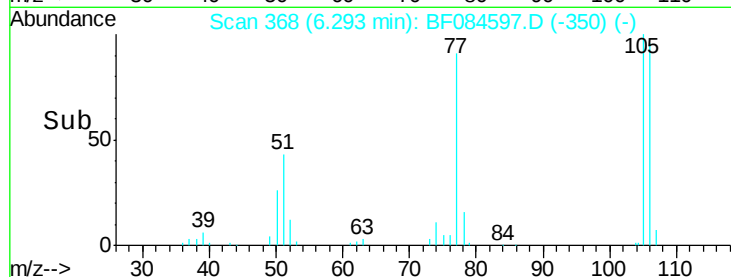
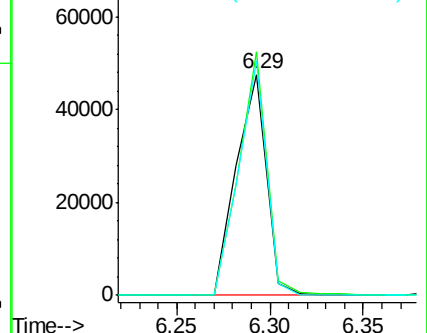
106 106.1 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.30 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

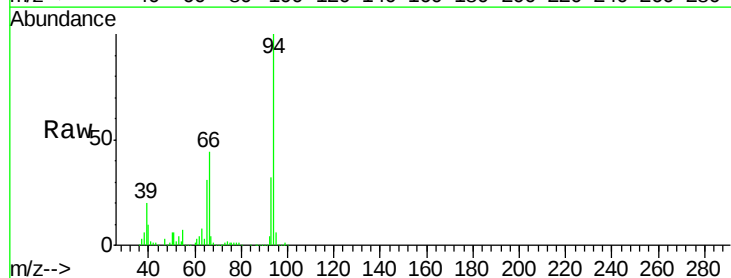
Tgt Ion: 94 Resp: 770948

Ion Ratio Lower Upper

94 100

65 31.1 12.9 52.9

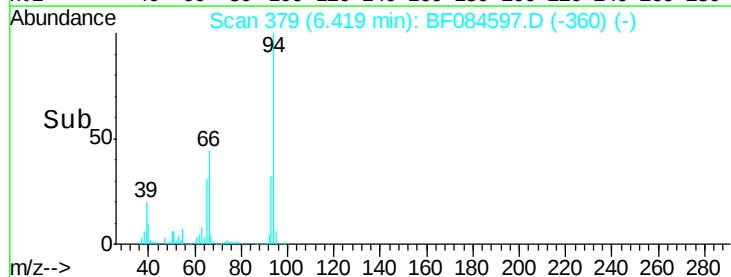
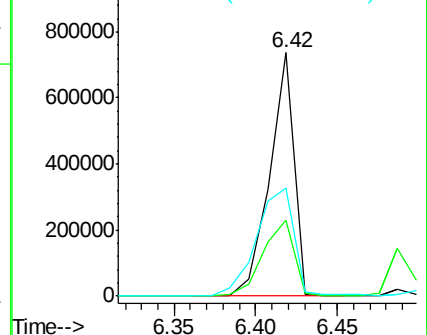
66 44.4 32.7 72.7



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

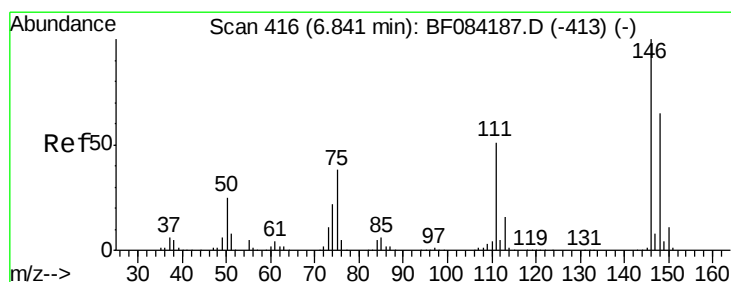
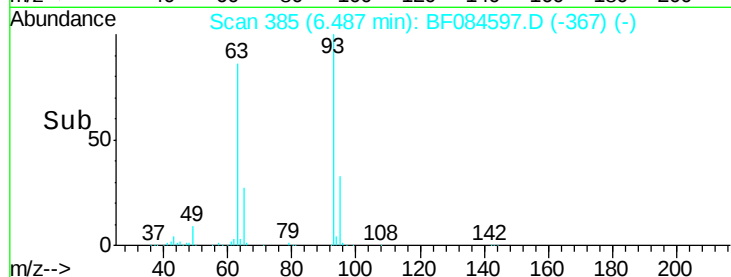
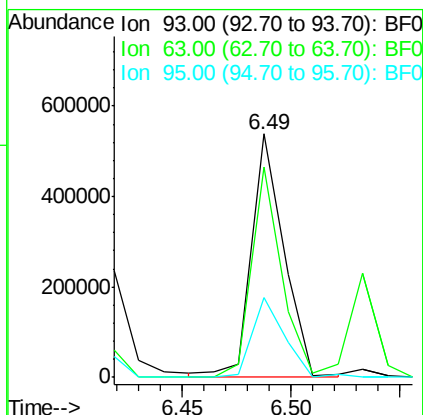
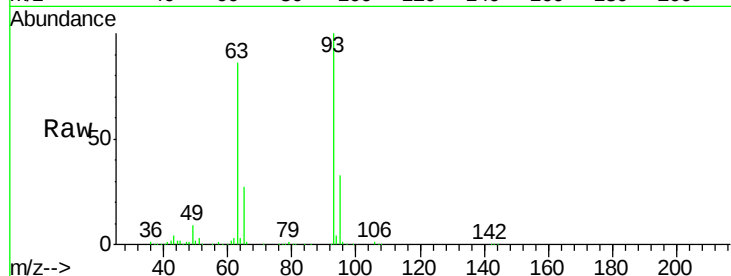




#11
bis(2-Chloroethyl)ether
Concen: 42.54 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.09 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

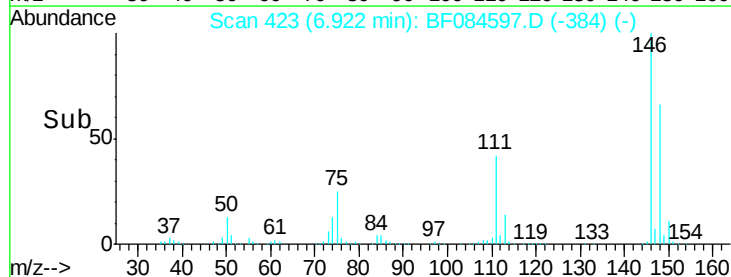
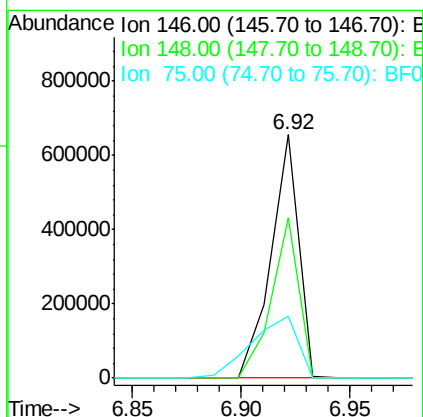
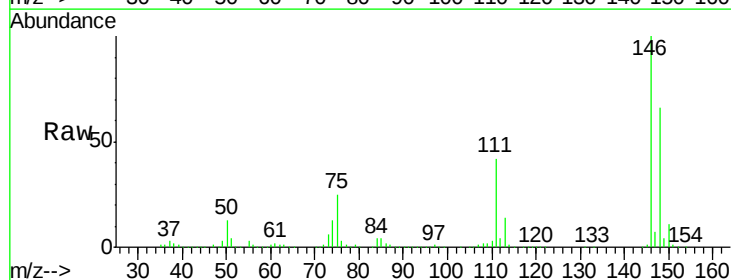
Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

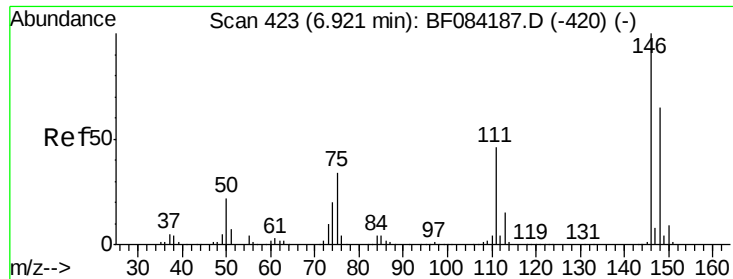
Tgt Ion: 93 Resp: 560775
Ion Ratio Lower Upper
93 100
63 86.5 45.9 85.9#
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 42.32 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.15 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Tgt Ion: 146 Resp: 590297
Ion Ratio Lower Upper
146 100
148 65.8 51.9 77.9
75 25.3 20.5 30.7

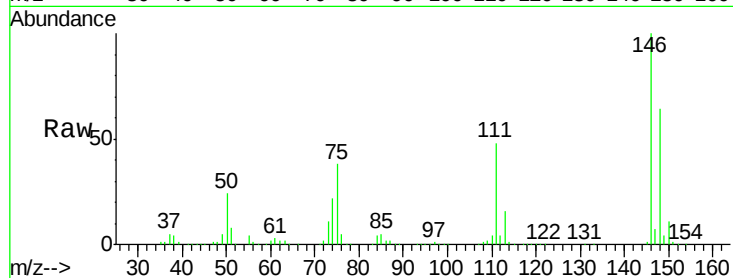




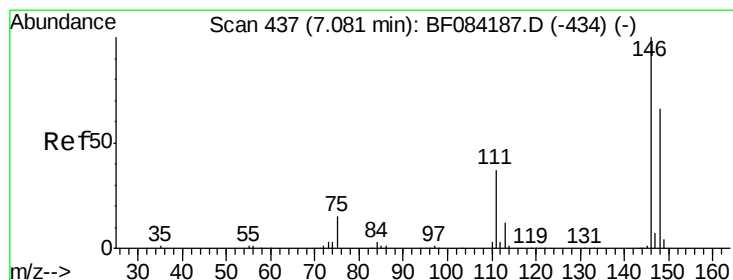
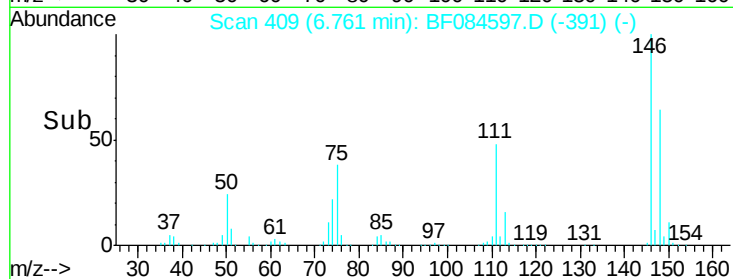
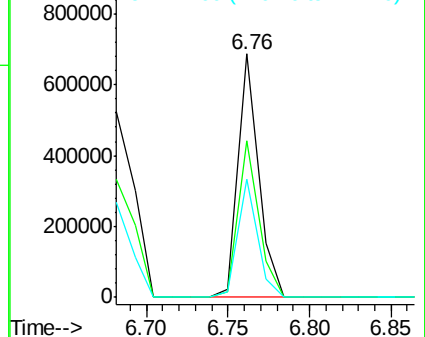
#13
 1,4-Dichlorobenzene
 Concen: 42.46 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.09 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01MSD

Tgt Ion:146 Resp: 593896
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.9 77.9
 111 48.5 41.6 62.4

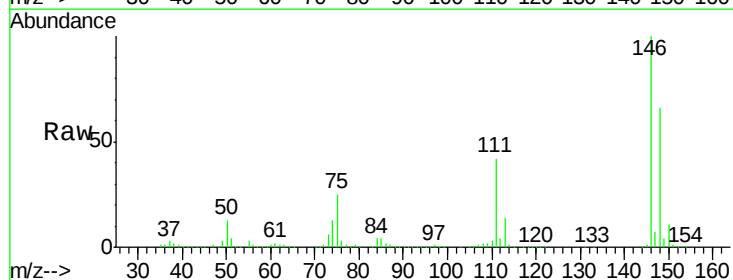


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

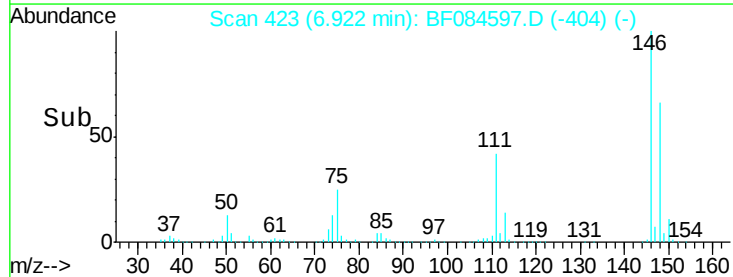
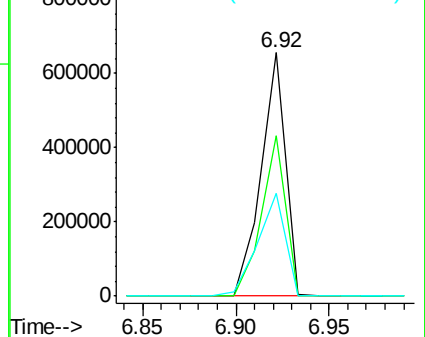


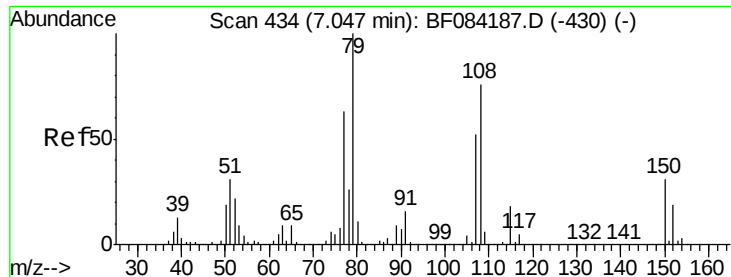
#14
 1,2-Dichlorobenzene
 Concen: 44.07 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.08 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Tgt Ion:146 Resp: 590338
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.6 77.4
 111 42.2 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





#15

Benzyl Alcohol

Concen: 39.62 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

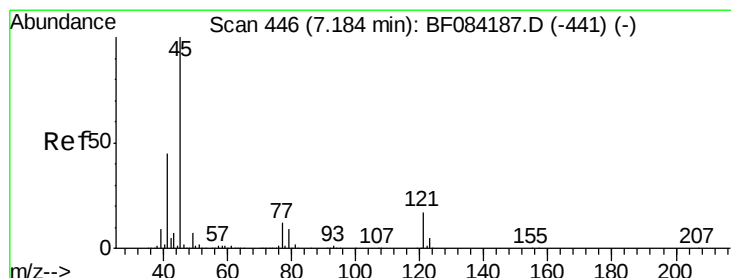
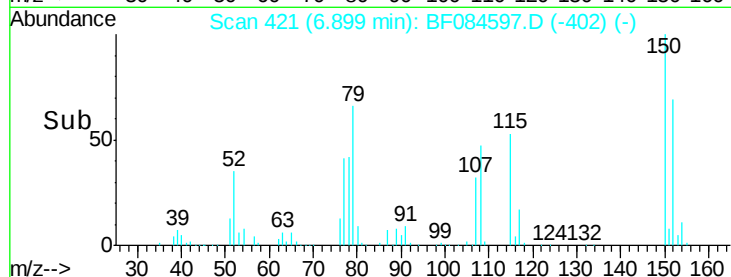
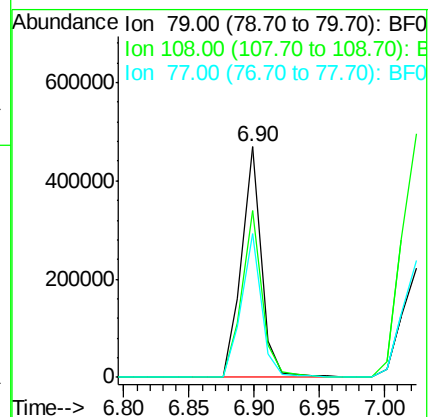
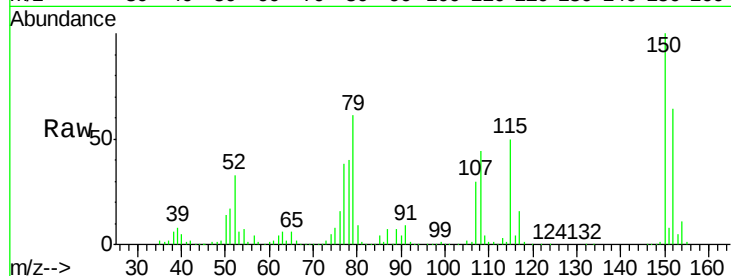
Tgt Ion: 79 Resp: 498810

Ion Ratio Lower Upper

79 100

108 72.4 69.0 103.4

77 62.5 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.08 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

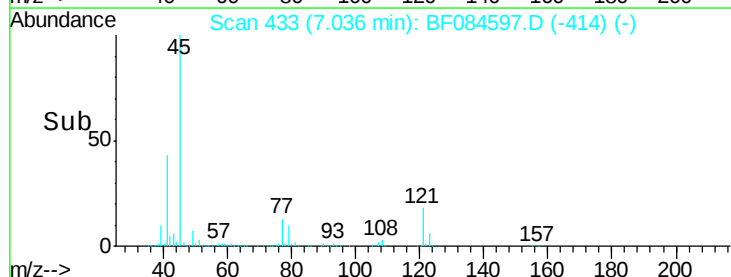
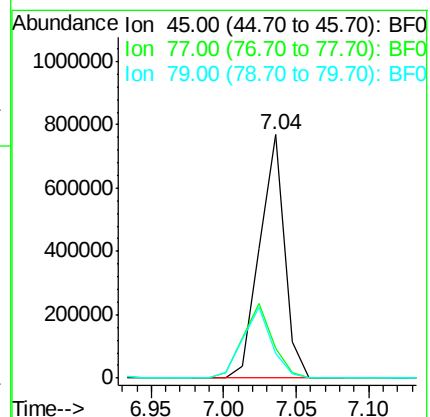
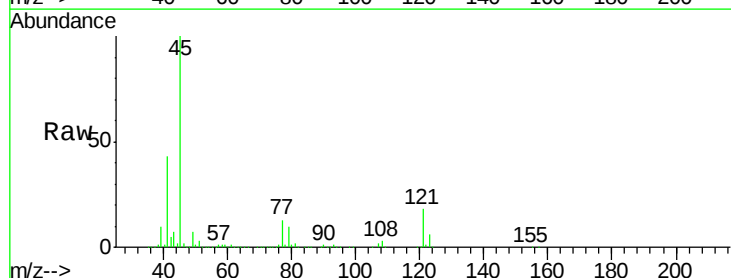
Tgt Ion: 45 Resp: 914144

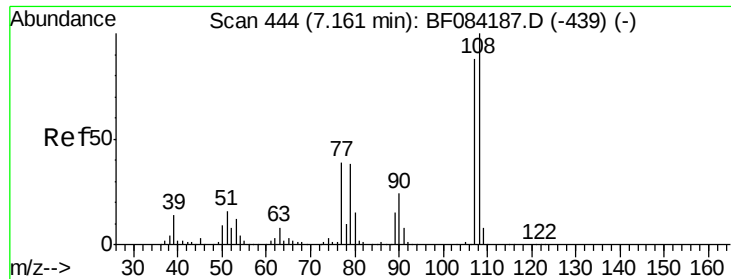
Ion Ratio Lower Upper

45 100

77 12.5 0.0 39.6

79 10.1 0.0 35.0

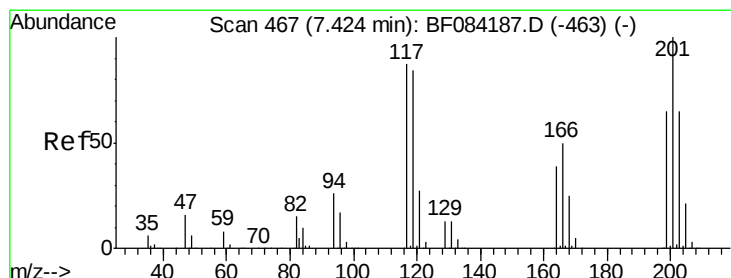
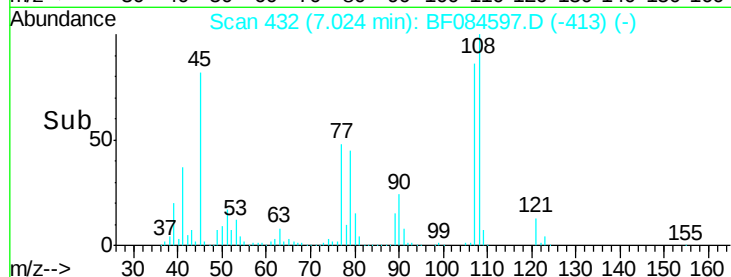
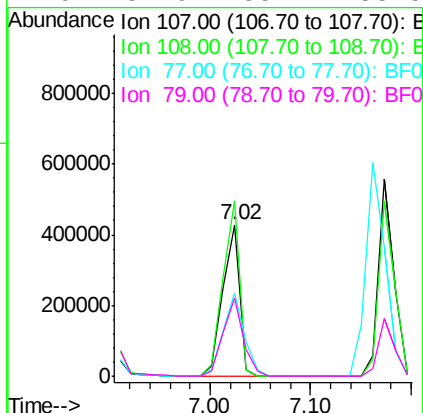
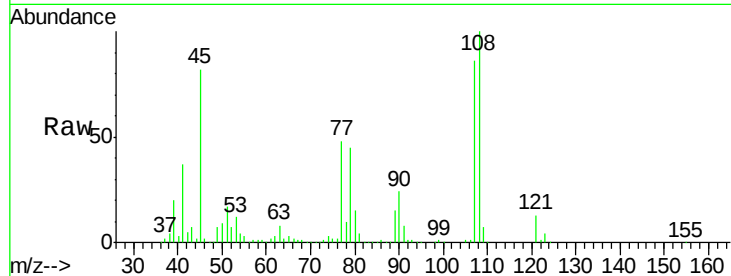




#17
2-Methylphenol
Concen: 44.16 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

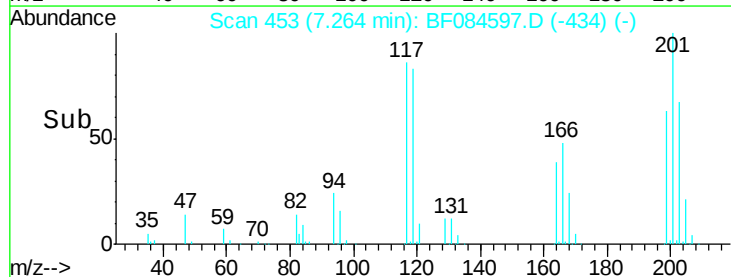
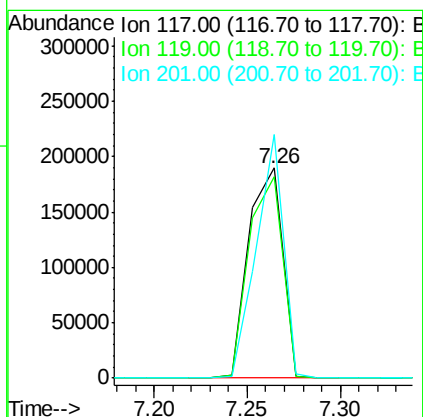
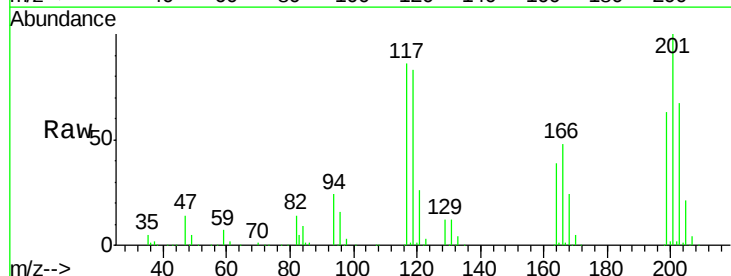
Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

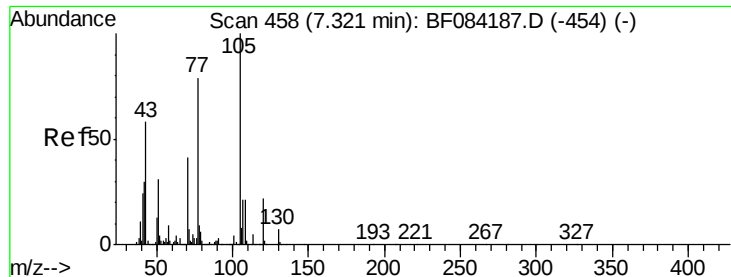
Tgt Ion:107 Resp: 500446
Ion Ratio Lower Upper
107 100
108 115.6 89.8 134.6
77 55.2 35.7 53.5#
79 51.9 35.7 53.5



#18
Hexachloroethane
Concen: 42.65 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Tgt Ion:117 Resp: 238537
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.0
201 116.0 68.6 103.0#

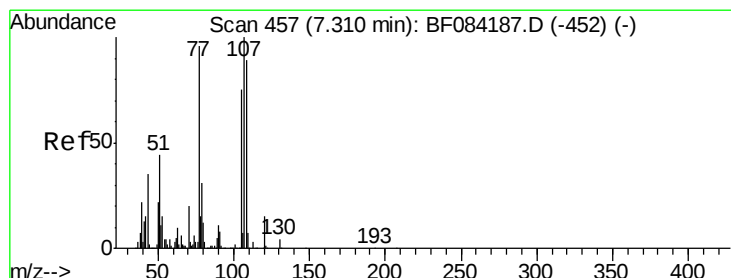
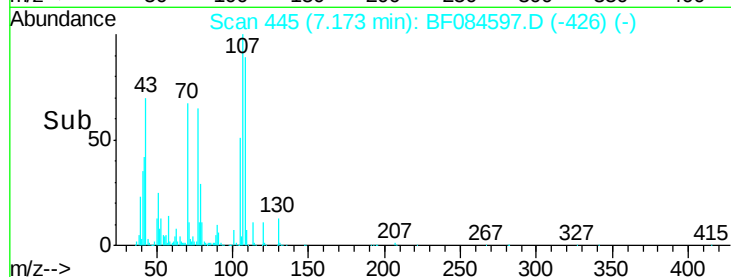
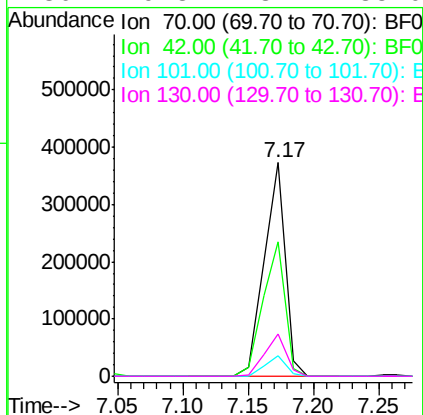
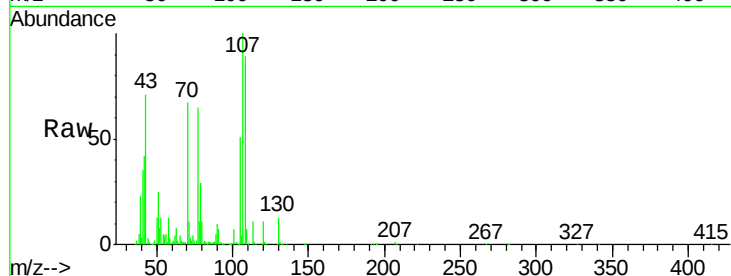




#19
n-Nitroso-di-n-propylamine
Concen: 41.79 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

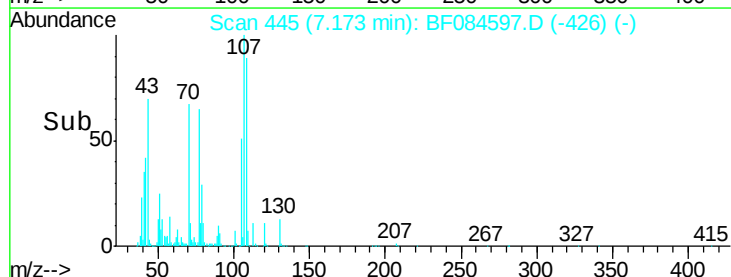
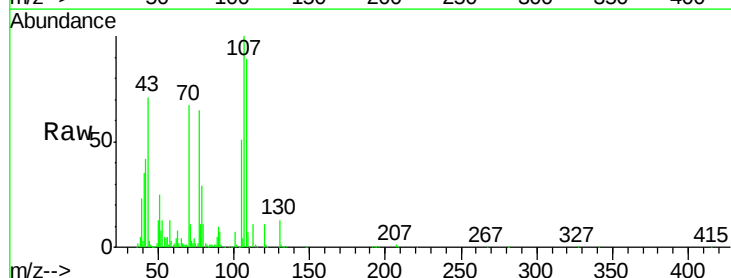
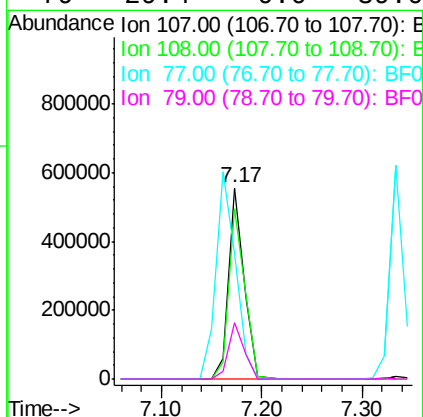
Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

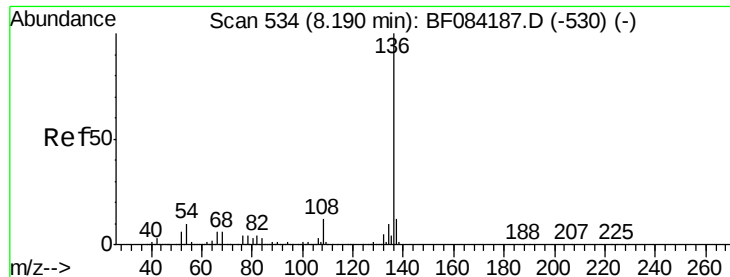
Tgt Ion: 70 Resp: 423359
Ion Ratio Lower Upper
70 100
42 63.0 33.3 49.9#
101 9.8 9.3 13.9
130 19.8 23.4 35.0#



#20
3+4-Methylphenols
Concen: 44.54 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Tgt Ion: 107 Resp: 593232
Ion Ratio Lower Upper
107 100
108 89.1 74.6 114.6
77 65.5 0.7 40.7#
79 29.4 0.0 39.0

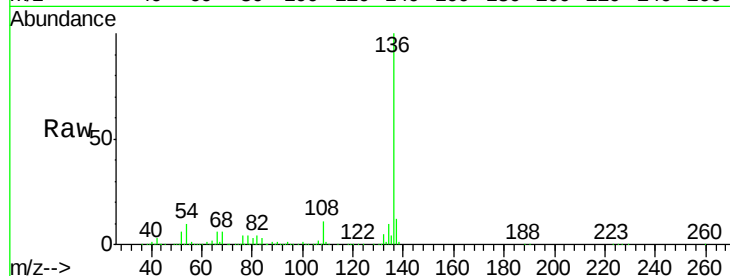




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.09 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

Tgt Ion:	136	Resp:	771705
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	10.0	5.8	8.8#
68	5.7	4.2	6.2



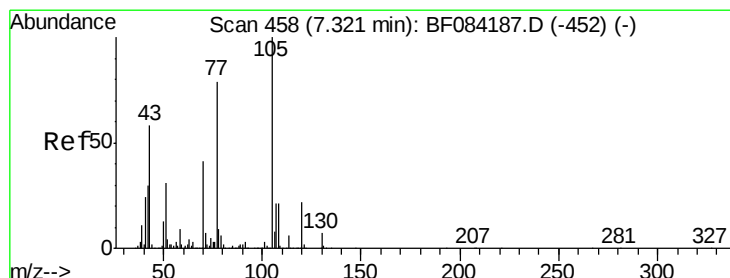
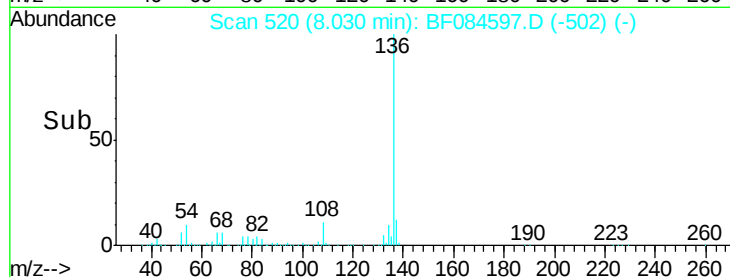
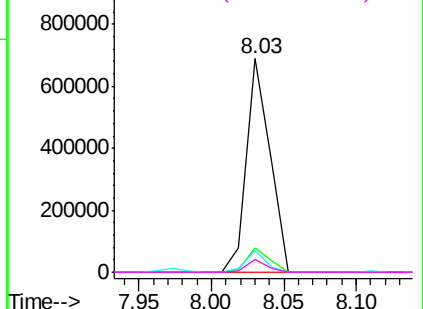
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

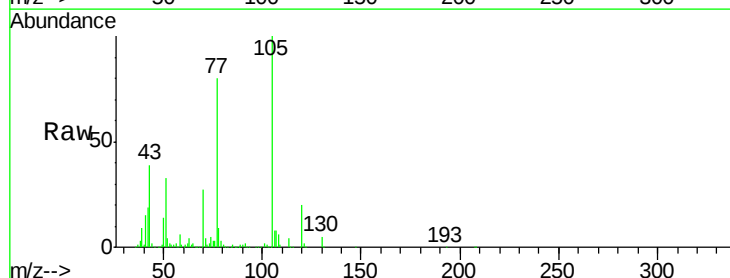
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 44.95 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.09 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Tgt Ion:	105	Resp:	834167
Ion	Ratio	Lower	Upper
105	100		
71	4.4	3.7	5.5
51	33.0	25.1	37.7
120	20.4	16.6	25.0



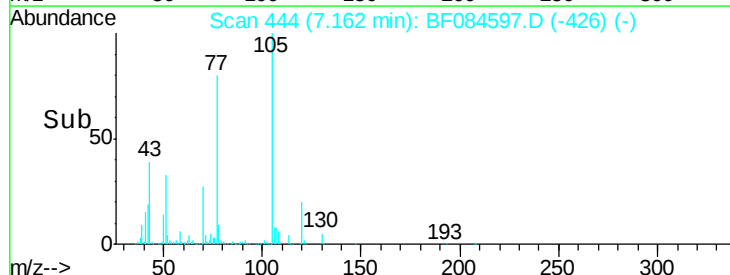
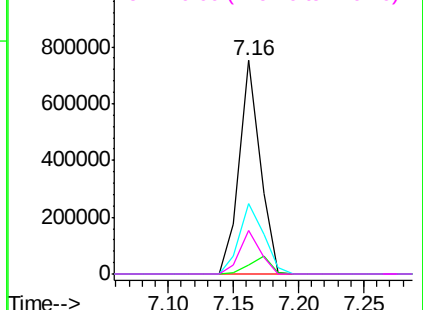
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

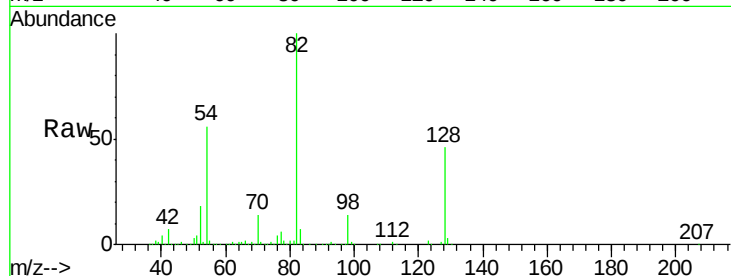




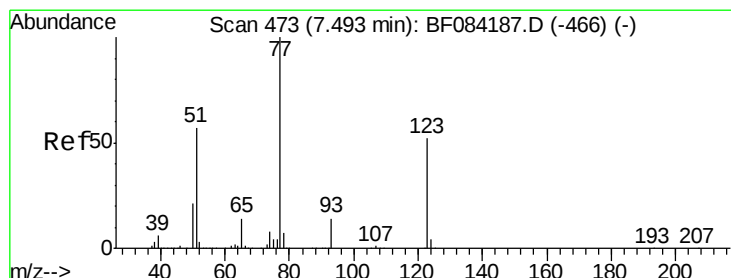
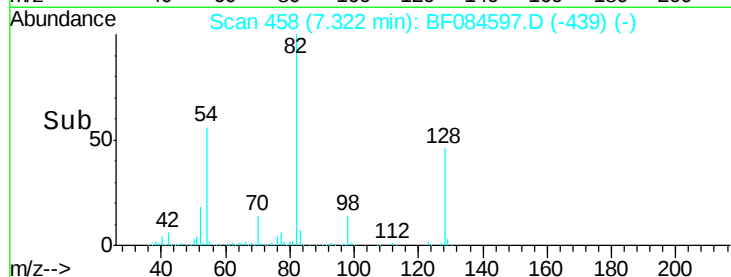
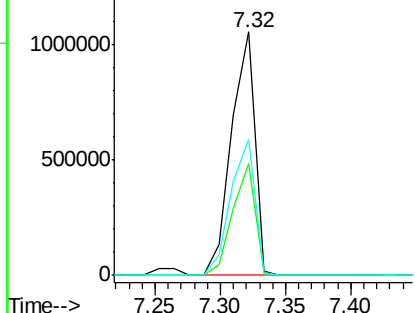
#23
 Nitrobenzene-d5
 Concen: 93.93 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.08 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01MSD

Tgt Ion: 82 Resp: 1302362
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.6 51.8
 54 55.9 38.4 57.6

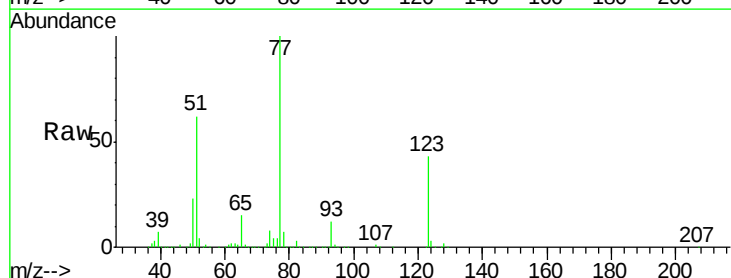


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

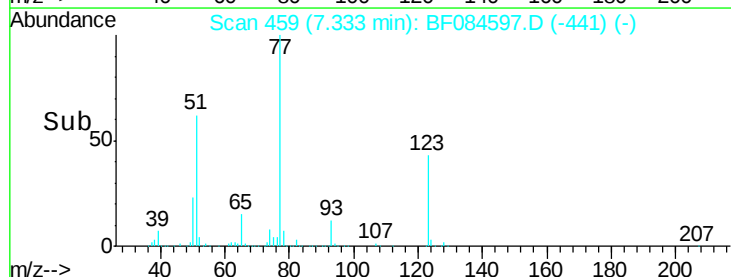
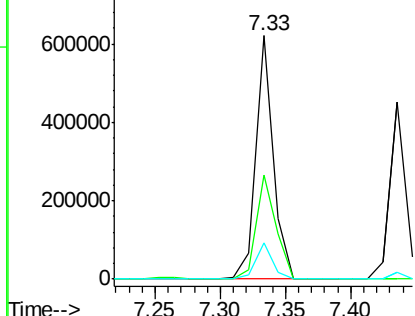


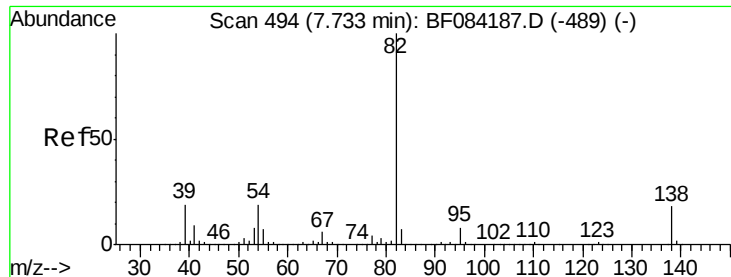
#24
 Nitrobenzene
 Concen: 41.34 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.09 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Tgt Ion: 77 Resp: 581413
 Ion Ratio Lower Upper
 77 100
 123 42.6 37.4 56.2
 65 14.7 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.45 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

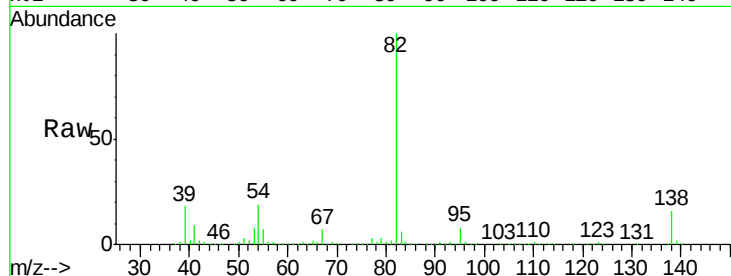
Tgt Ion: 82 Resp: 1178793

Ion Ratio Lower Upper

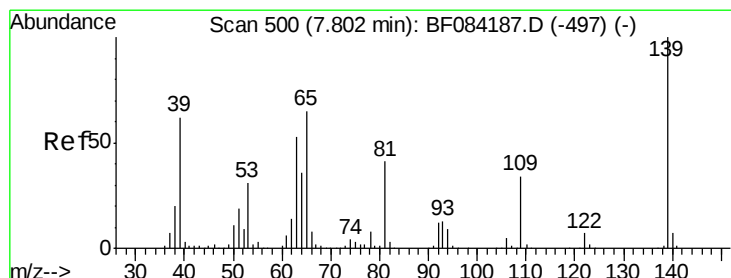
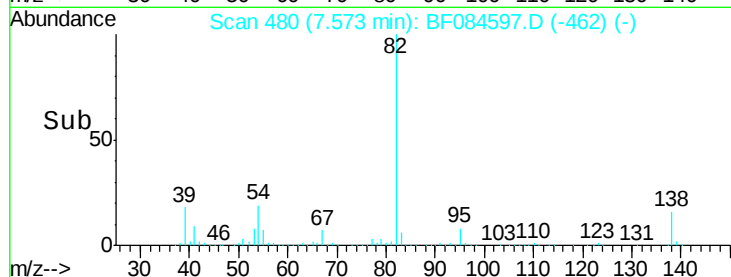
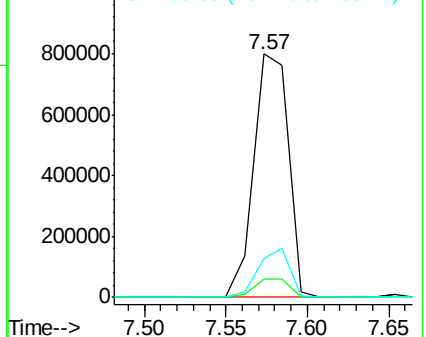
82 100

95 7.5 6.6 10.0

138 15.9 13.6 20.4



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



#26

2-Nitrophenol

Concen: 53.01 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

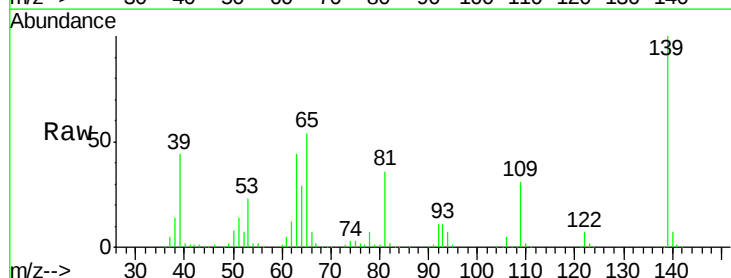
Tgt Ion: 139 Resp: 339314

Ion Ratio Lower Upper

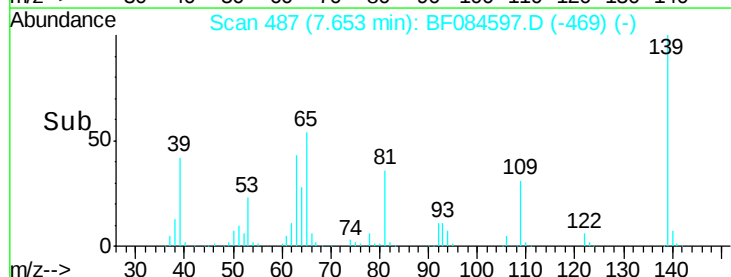
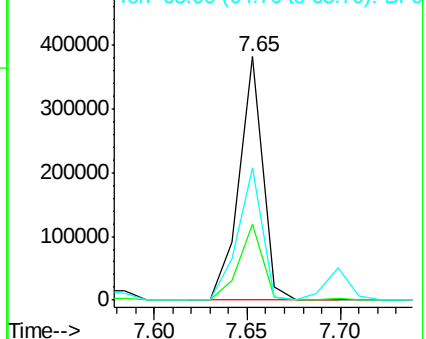
139 100

109 31.1 25.4 38.2

65 54.3 32.3 48.5#



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





#27

2,4-Dimethylphenol

Concen: 37.57 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

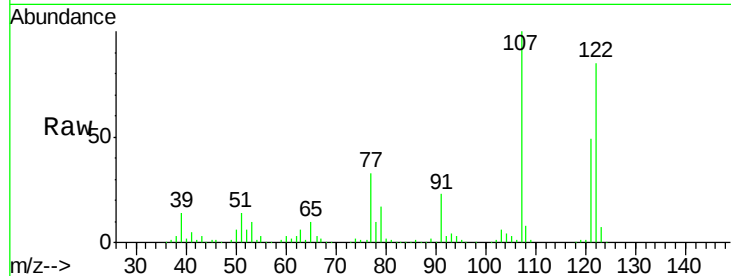
Tgt Ion:122 Resp: 486720

Ion Ratio Lower Upper

122 100

107 117.4 99.1 148.7

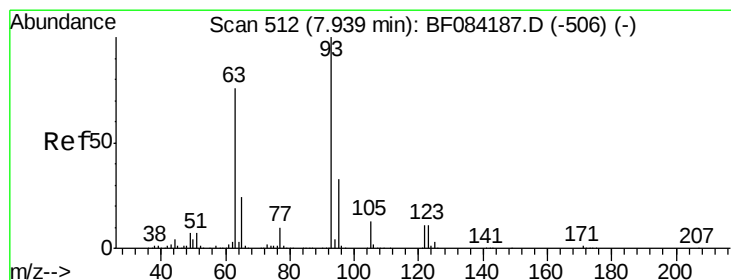
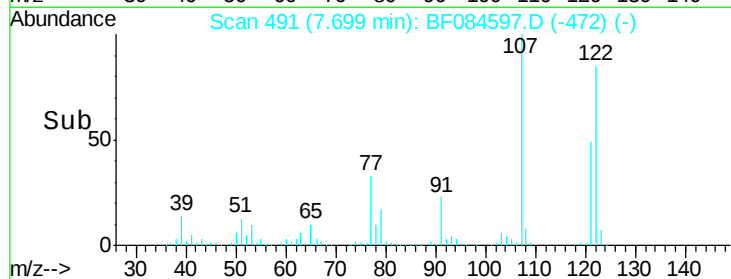
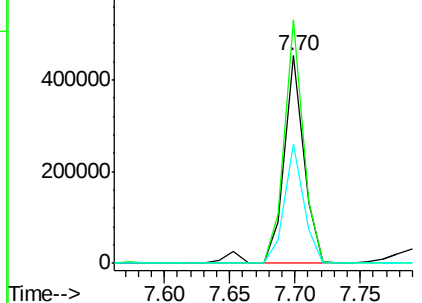
121 57.9 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.19 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

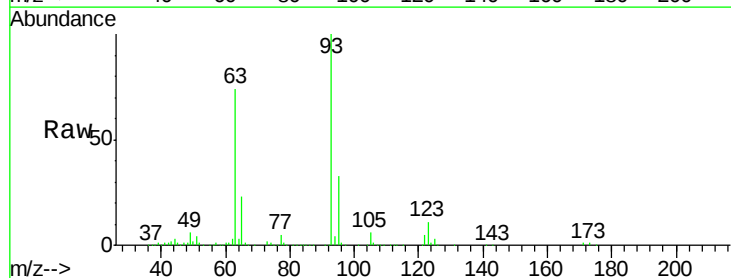
Tgt Ion: 93 Resp: 699537

Ion Ratio Lower Upper

93 100

95 33.0 25.8 38.6

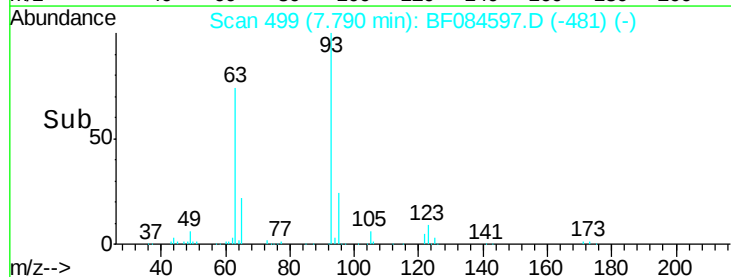
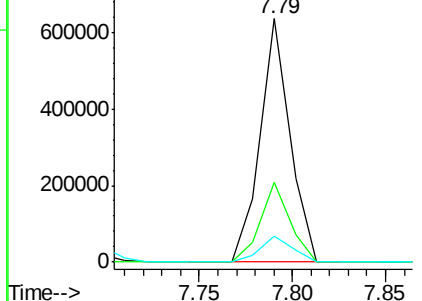
123 10.8 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

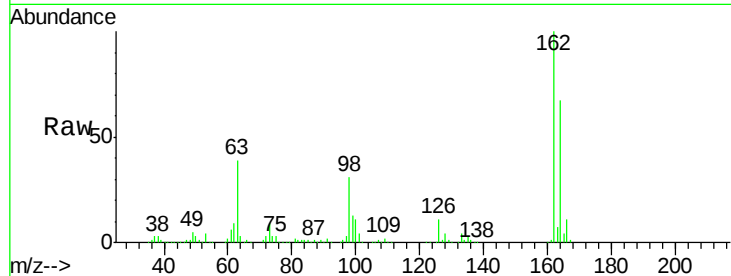




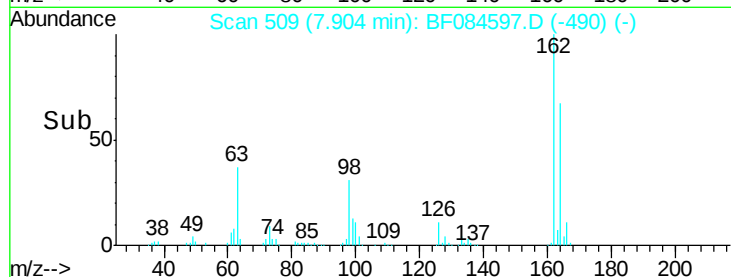
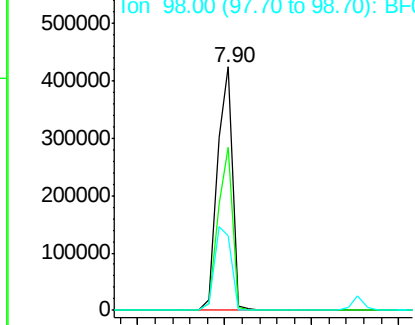
#29
 2,4-Dichlorophenol
 Concen: 48.09 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.08 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01MSD

Tgt Ion:162 Resp: 518992
 Ion Ratio Lower Upper
 162 100
 164 66.9 44.1 84.1
 98 30.8 20.2 60.2

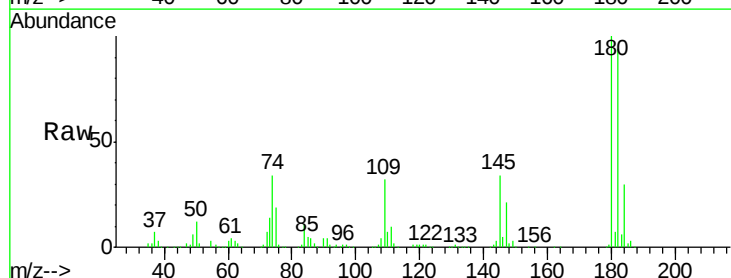


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

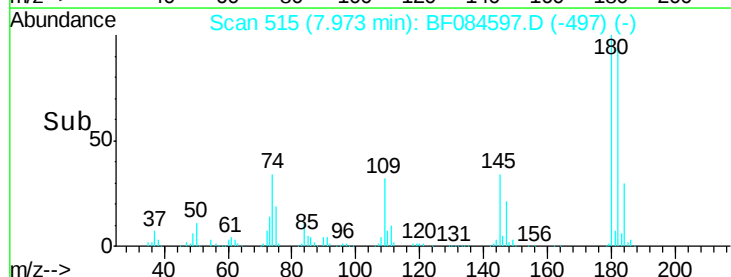
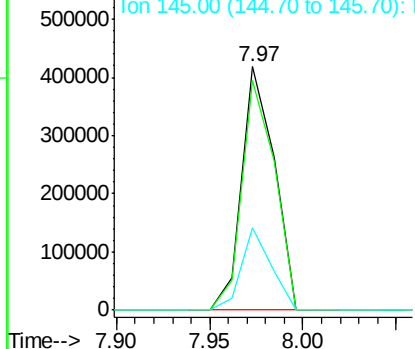


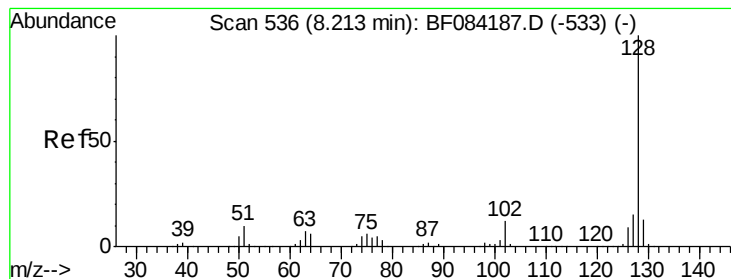
#30
 1,2,4-Trichlorobenzene
 Concen: 45.46 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.09 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Tgt Ion:180 Resp: 506499
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.4 114.6
 145 34.0 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: 45.18 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

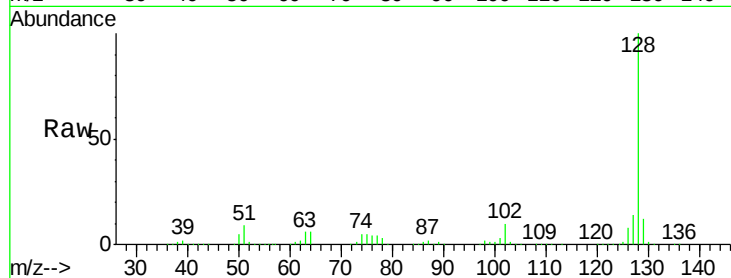
Tgt Ion:128 Resp: 1581799

Ion Ratio Lower Upper

128 100

129 12.0 9.1 13.7

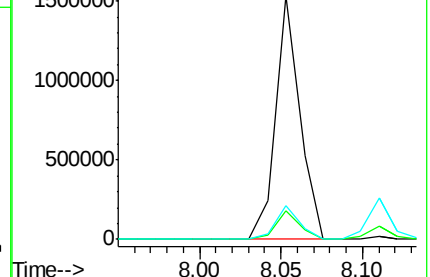
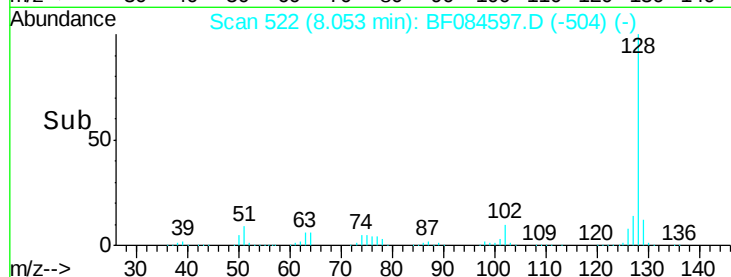
127 13.8 11.1 16.7



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: 12.78 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.10 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

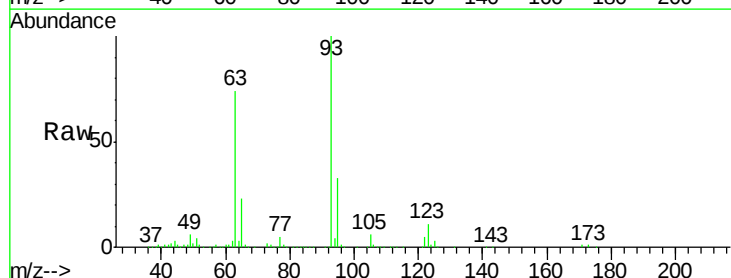
Tgt Ion:122 Resp: 62609

Ion Ratio Lower Upper

122 100

105 126.1 100.3 140.3

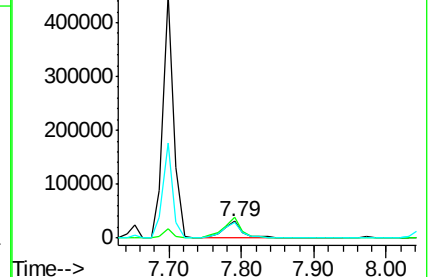
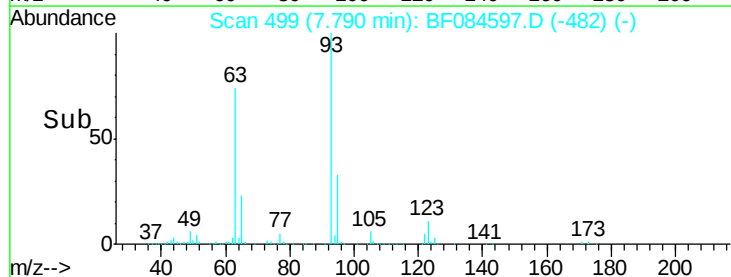
77 98.7 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

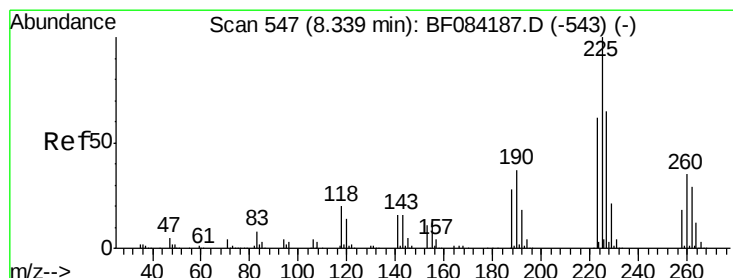
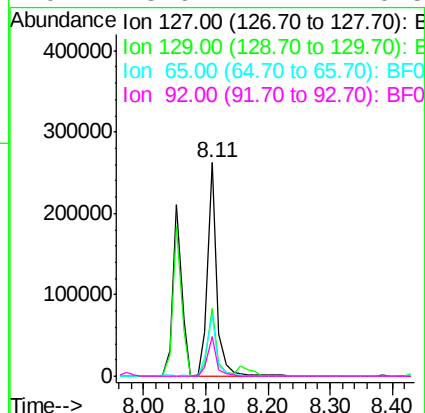
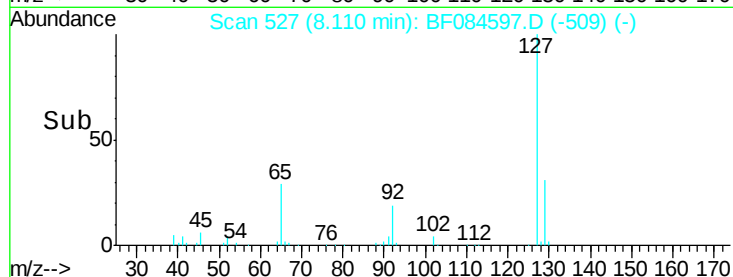
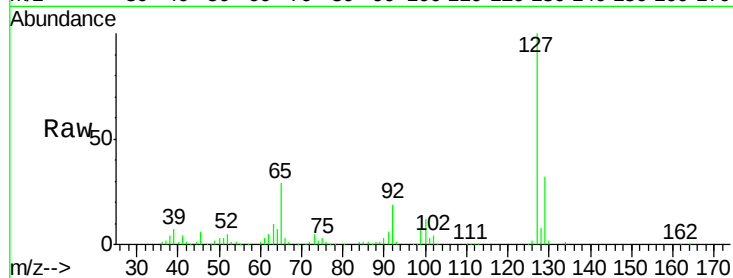




#33
4-Chloroaniline
Concen: 17.22 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.09 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

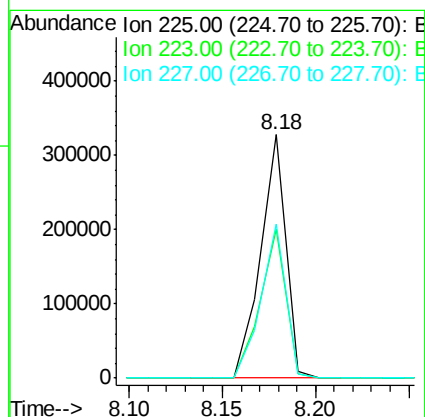
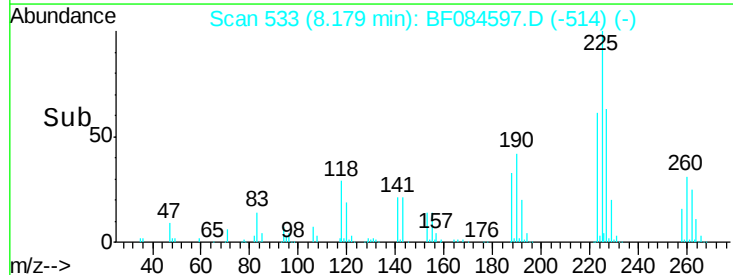
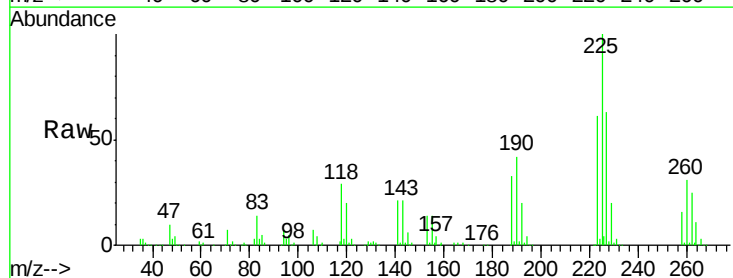
Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

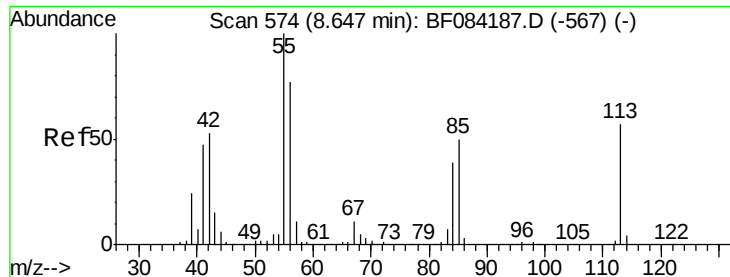
Tgt Ion:	127	Resp:	276392
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.5	39.7
65	29.0	27.2	40.8
92	18.6	17.7	26.5



#34
Hexachlorobutadiene
Concen: 47.38 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Tgt Ion:	225	Resp:	303463
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.4	74.0
227	63.3	50.8	76.2

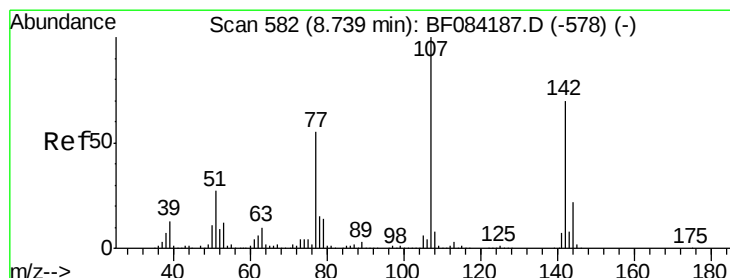
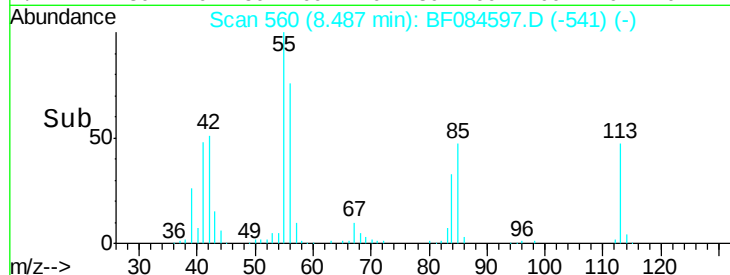
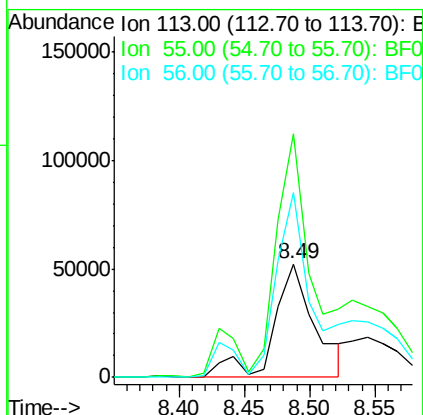
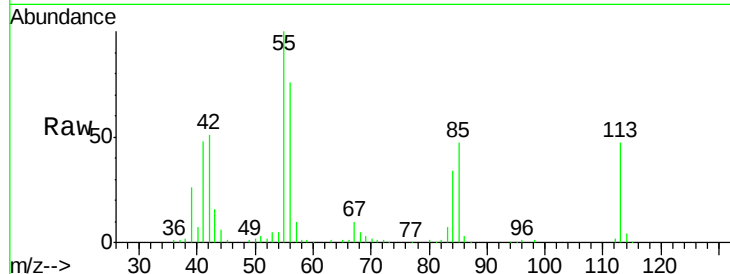




#35
 Caprolactam
 Concen: 31.48 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.08 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

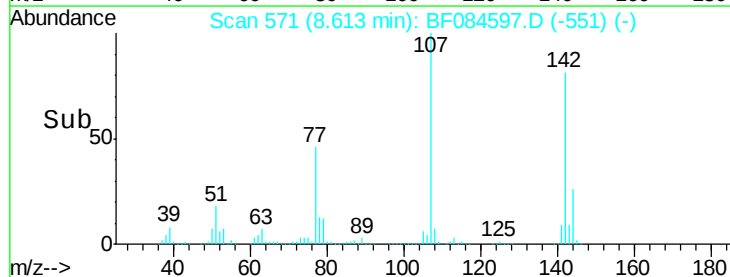
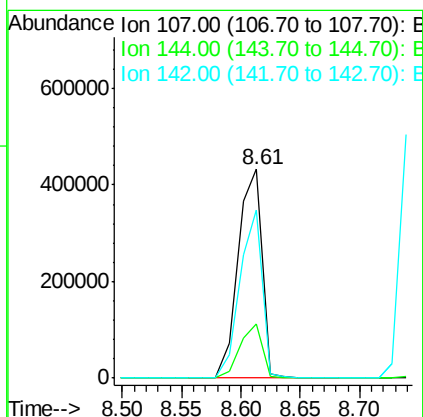
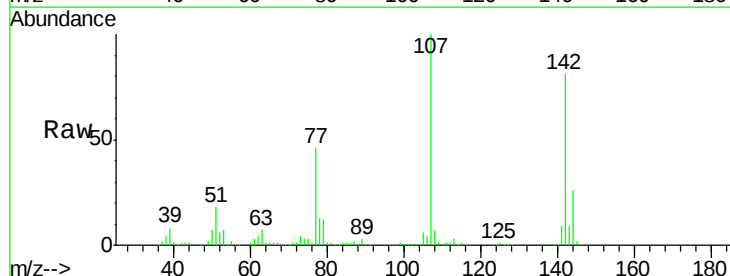
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01MSD

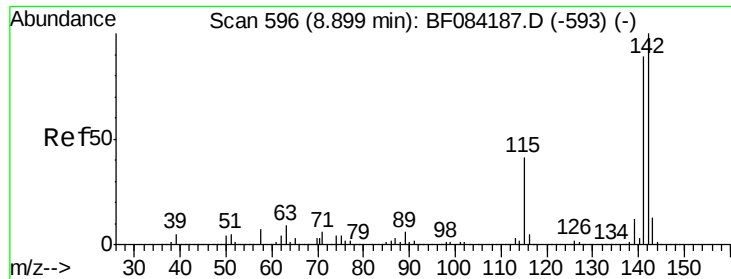
Tgt Ion:113 Resp: 114529
 Ion Ratio Lower Upper
 113 100
 55 214.3 116.9 156.9#
 56 162.3 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 50.28 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.07 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Tgt Ion:107 Resp: 607796
 Ion Ratio Lower Upper
 107 100
 144 26.3 19.7 29.5
 142 80.8 61.8 92.6

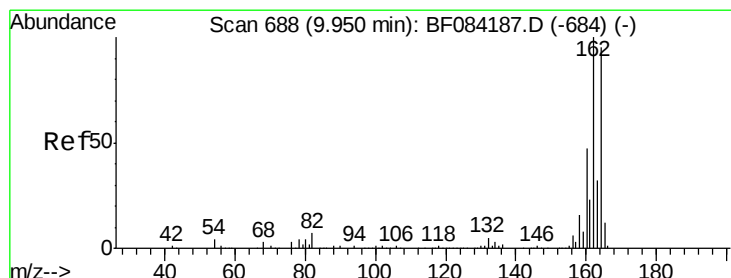
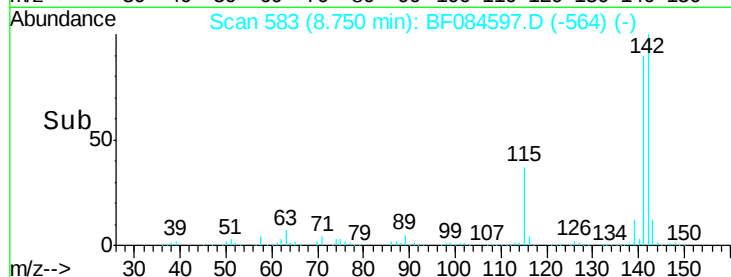
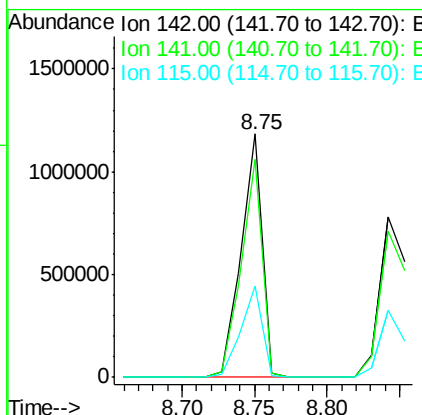
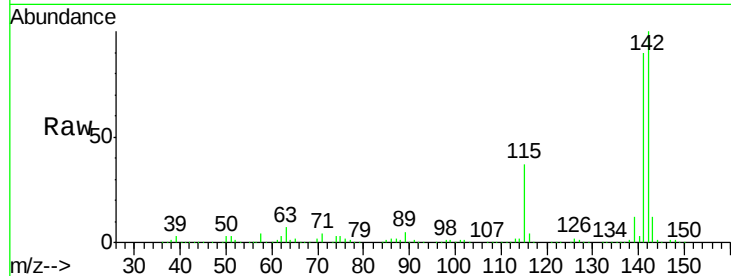




#37
 2-Methylnaphthalene
 Concen: 47.57 ng
 RT: 8.75 min Scan# 583
 Delta R.T. -0.08 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

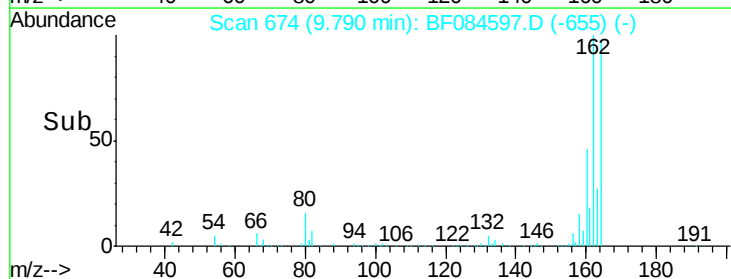
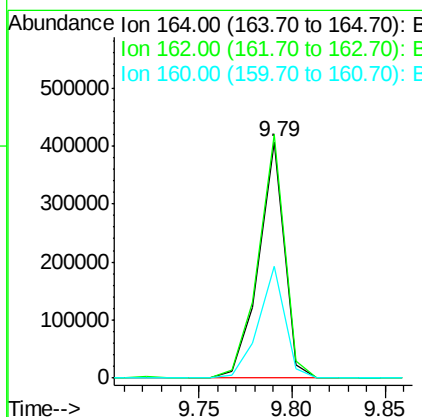
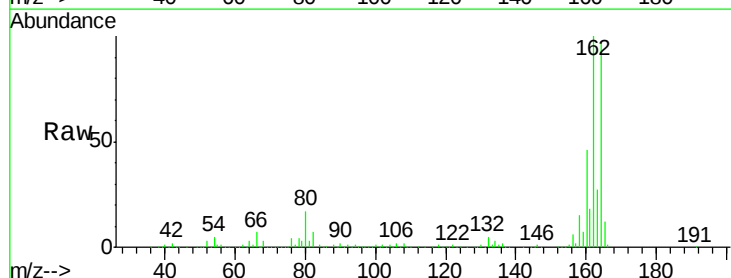
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01MSD

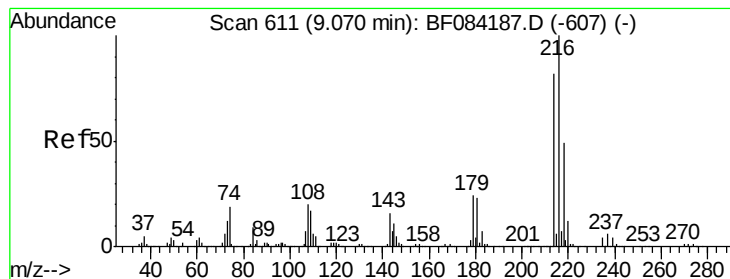
Tgt Ion:142 Resp: 1195578
 Ion Ratio Lower Upper
 142 100
 141 89.7 72.4 108.6
 115 37.3 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.08 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Tgt Ion:164 Resp: 385430
 Ion Ratio Lower Upper
 164 100
 162 103.1 85.1 127.7
 160 47.4 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.81 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

Tgt Ion:216 Resp: 441151

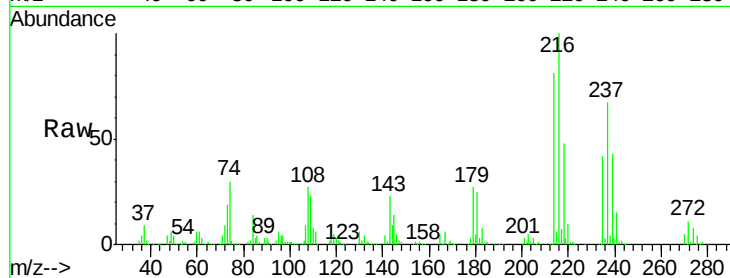
Ion Ratio Lower Upper

216 100

214 79.4 64.2 96.2

179 23.4 18.7 28.1

108 23.5 16.8 25.2

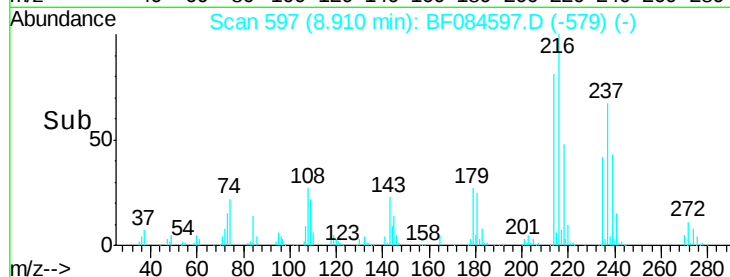


Abundance Ion 216.00 (215.70 to 216.70): E

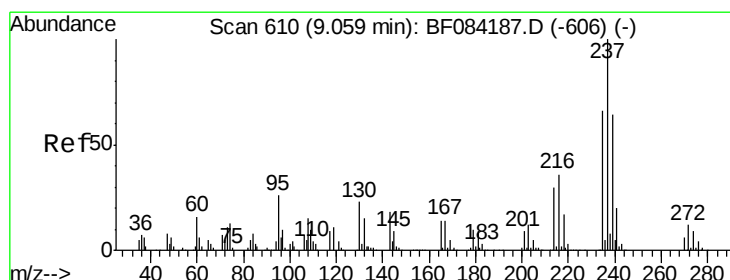
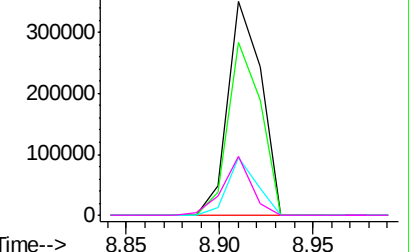
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 70.36 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

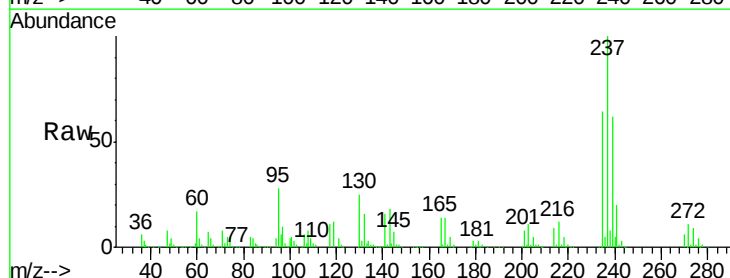
Tgt Ion:237 Resp: 470658

Ion Ratio Lower Upper

237 100

235 63.8 43.1 83.1

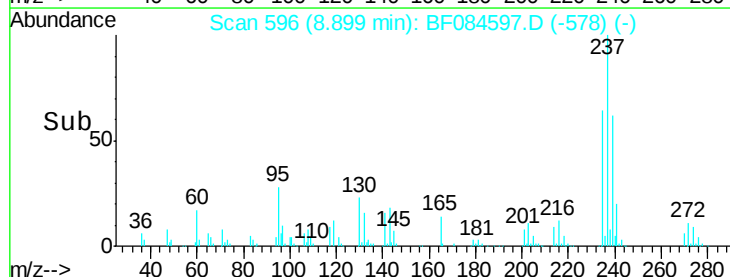
272 11.2 0.0 35.1



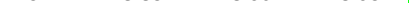
Abundance Ion 236.80 (236.50 to 237.50): E

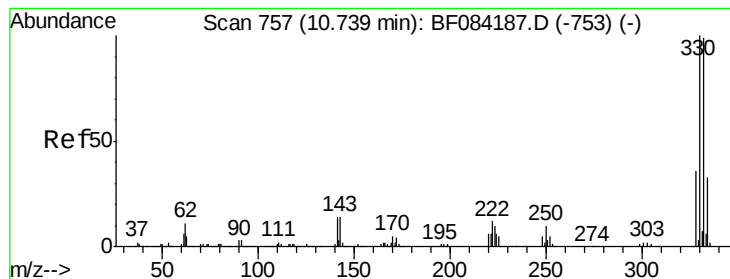
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

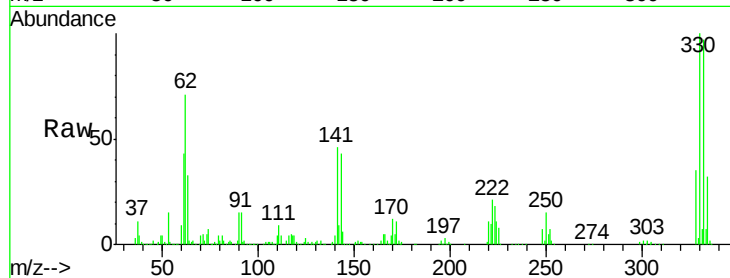




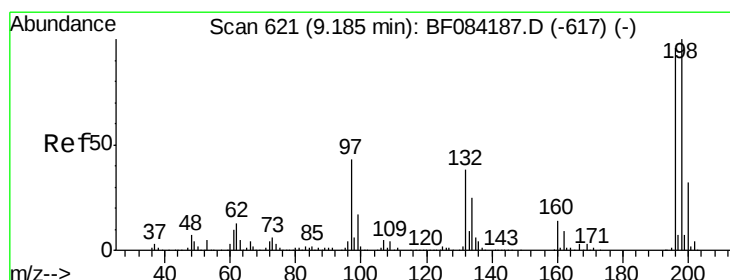
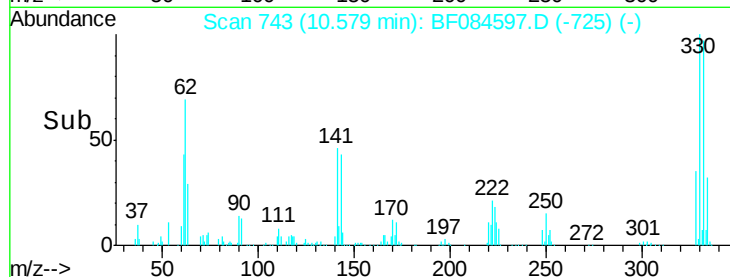
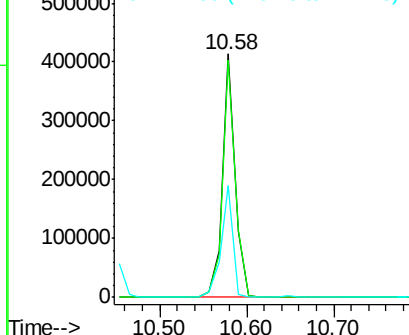
#41
 2,4,6-Tribromophenol
 Concen: 110.13 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.09 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01MSD

Tgt Ion:330 Resp: 428539
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 42.6 27.8 41.6#

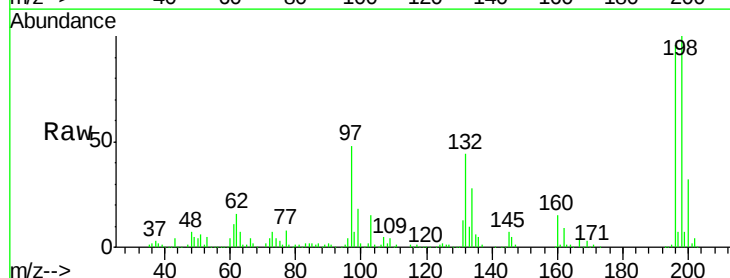


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

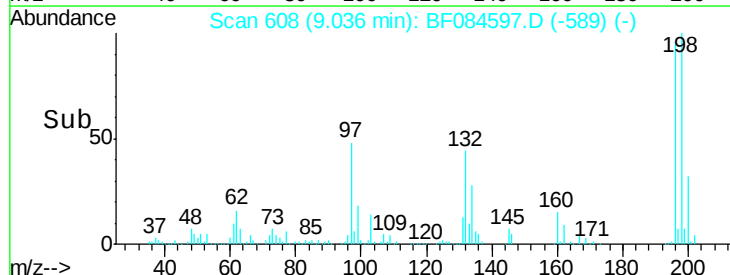
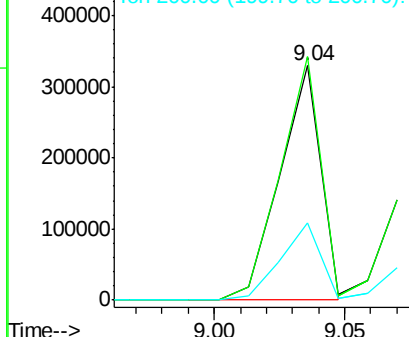


#42
 2,4,6-Trichlorophenol
 Concen: 43.09 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.08 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Tgt Ion:196 Resp: 357184
 Ion Ratio Lower Upper
 196 100
 198 103.8 77.7 116.5
 200 33.0 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

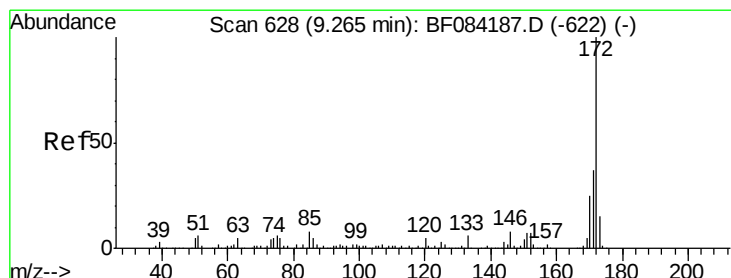
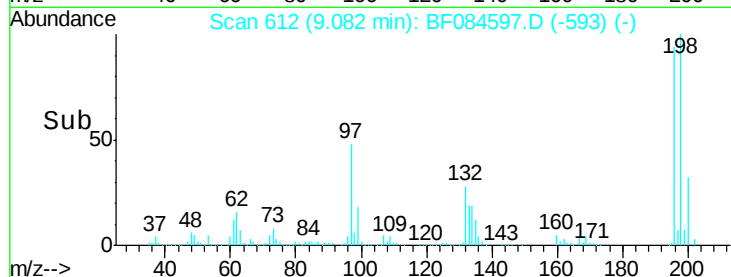
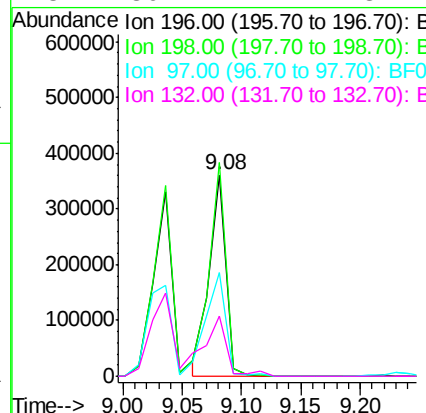
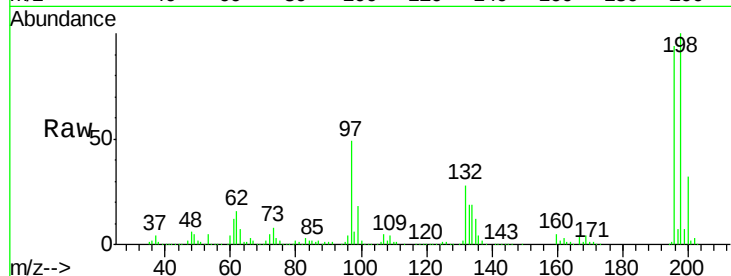




#43
 2,4,5-Trichlorophenol
 Concen: 44.75 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.08 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

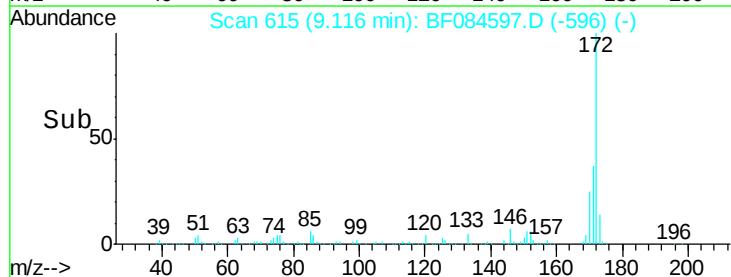
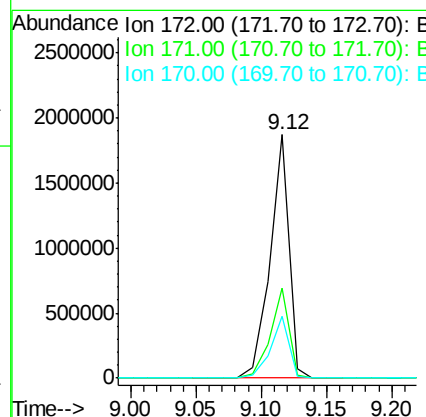
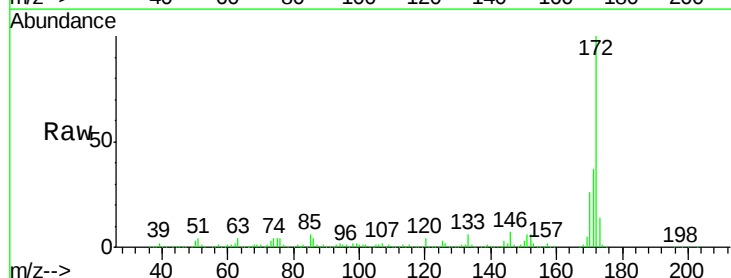
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01MSD

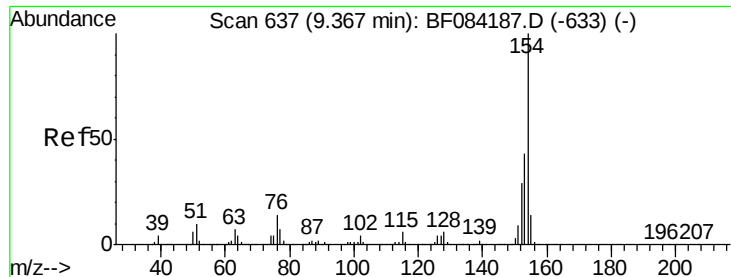
Tgt Ion	Ratio	Lower	Upper
196	100		
198	106.3	79.0	118.6
97	51.6	33.0	49.6
132	30.2	21.1	31.7



#44
 2-Fluorobiphenyl
 Concen: 86.91 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.08 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.9	43.3
170	25.5	18.6	27.8

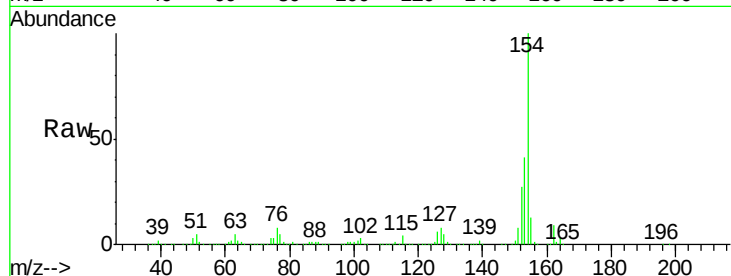




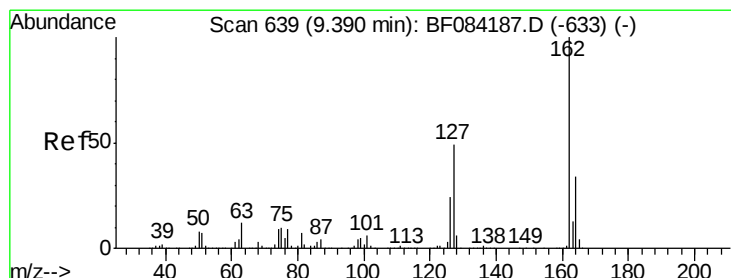
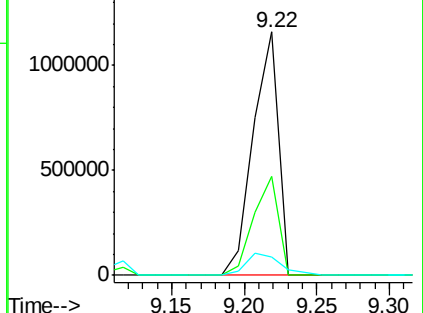
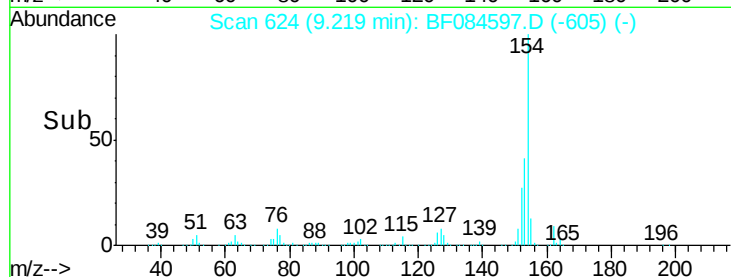
#45
 1,1'-Biphenyl
 Concen: 45.51 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.08 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01MSD

Tgt Ion:154 Resp: 1394082
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.6 61.6
 76 7.7 0.0 32.7

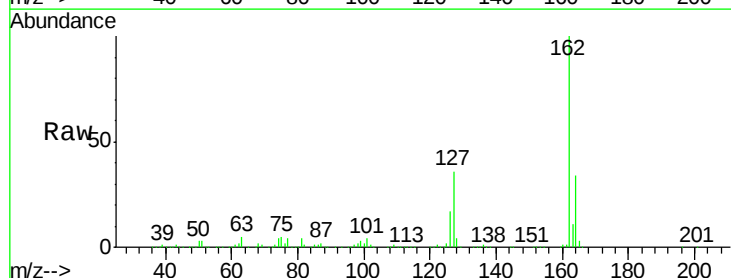


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

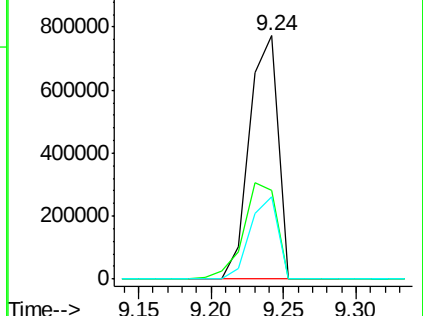
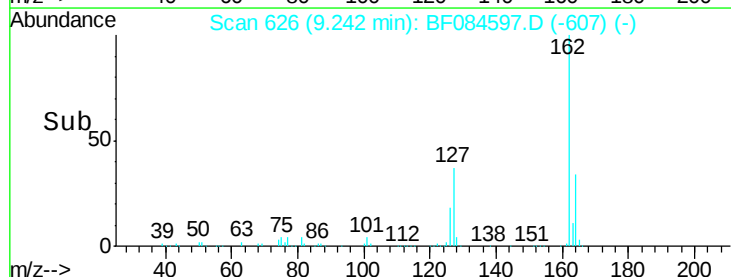


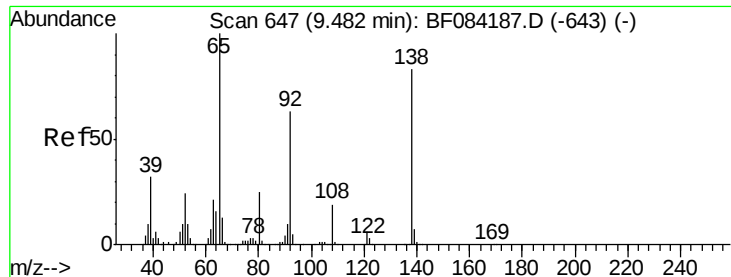
#46
 2-Chloronaphthalene
 Concen: 43.73 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.08 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Tgt Ion:162 Resp: 1052315
 Ion Ratio Lower Upper
 162 100
 127 36.5 40.2 60.4#
 164 33.9 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

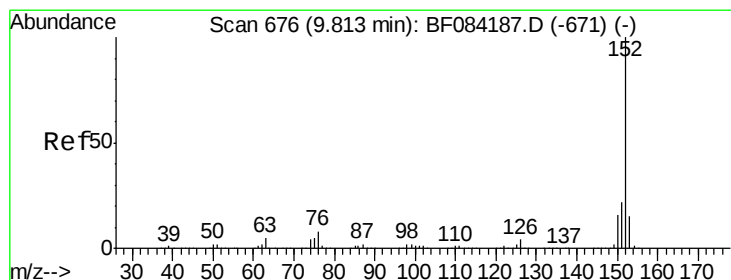
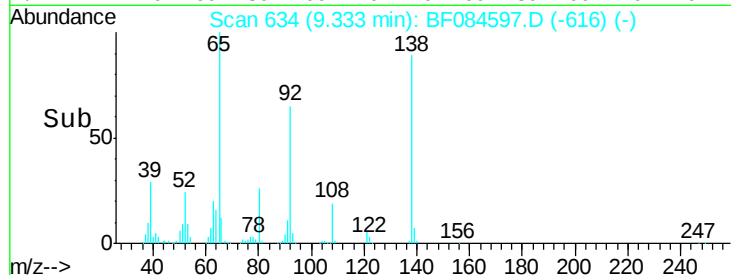
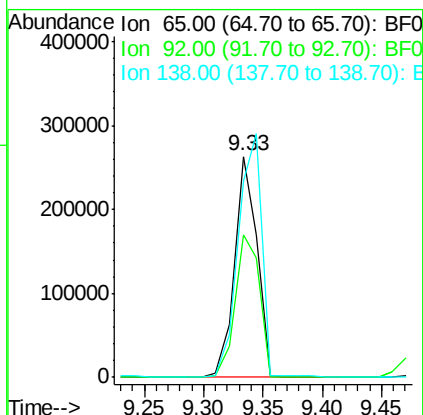
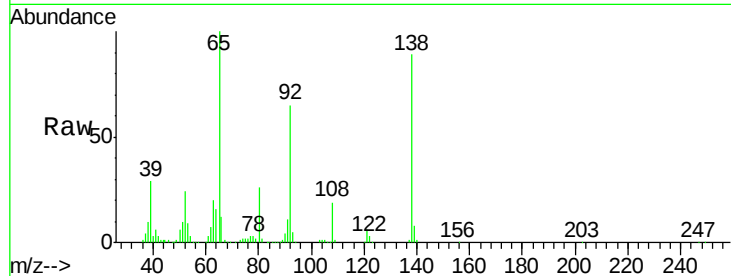




#47
2-Nitroaniline
Concen: 43.46 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.09 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

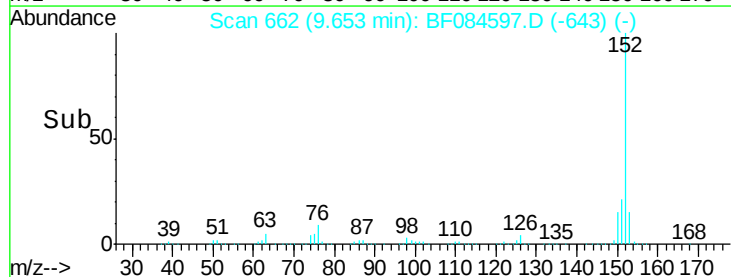
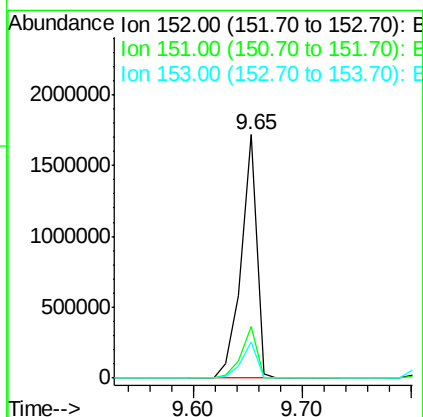
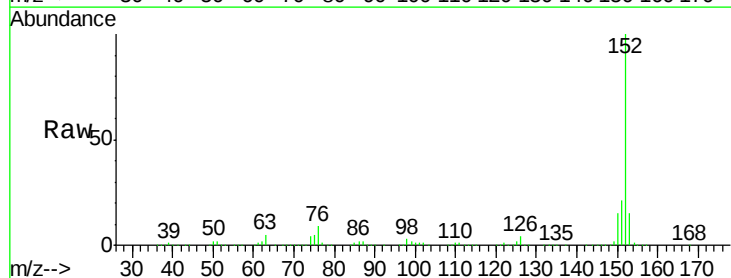
Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

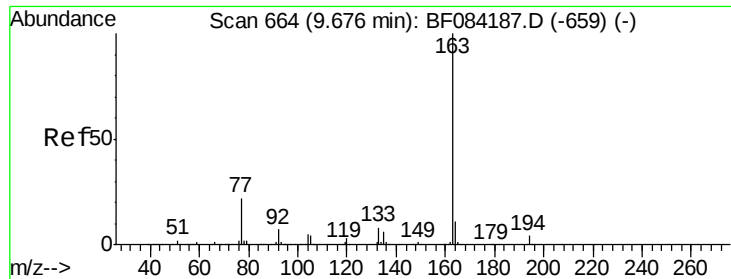
Tgt Ion: 65 Resp: 345120
Ion Ratio Lower Upper
65 100
92 64.5 53.4 80.2
138 88.8 71.1 106.7



#48
Acenaphthylene
Concen: 46.99 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Tgt Ion: 152 Resp: 1670535
Ion Ratio Lower Upper
152 100
151 21.2 16.3 24.5
153 14.9 10.4 15.6

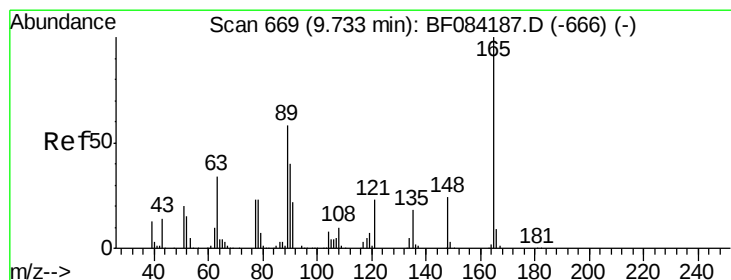
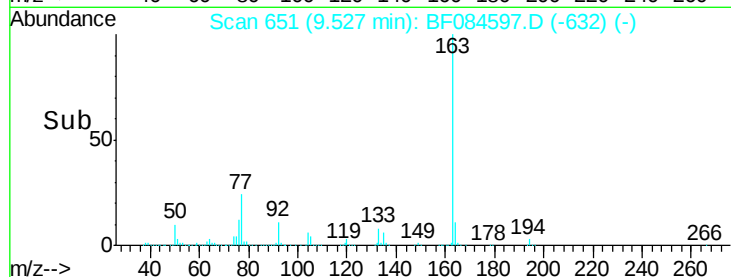
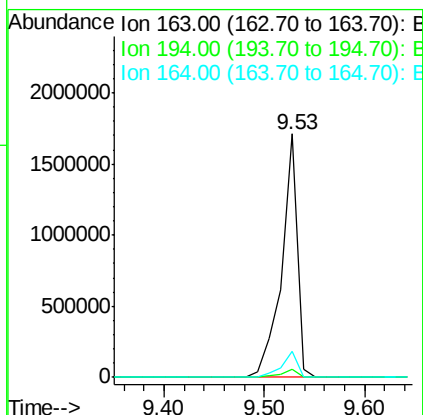
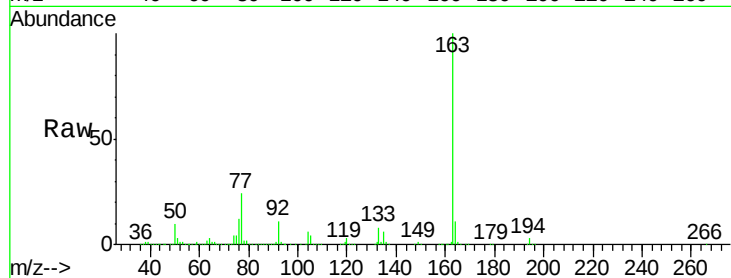




#49
Dimethylphthalate
Concen: 67.21 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

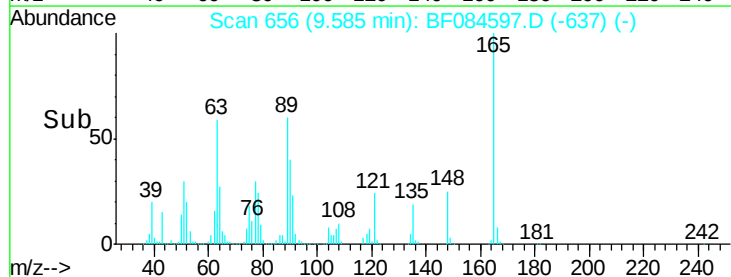
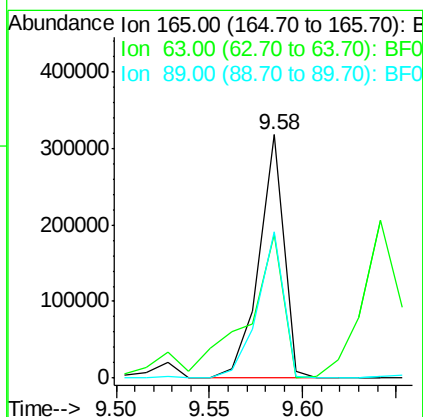
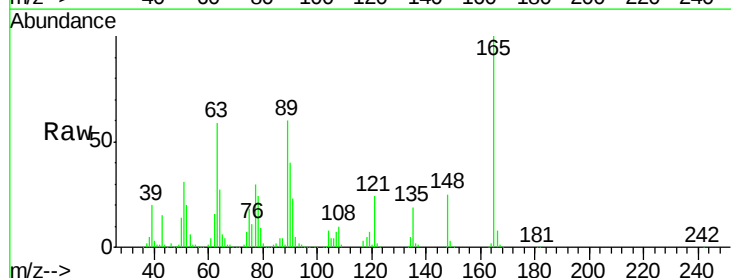
Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

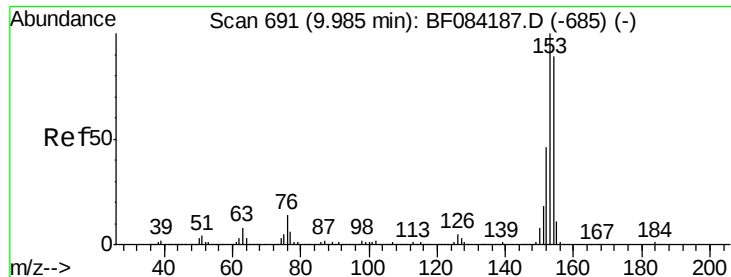
Tgt Ion:163 Resp: 1851859
Ion Ratio Lower Upper
163 100
194 3.3 8.0 12.0#
164 10.7 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 48.40 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Tgt Ion:165 Resp: 292491
Ion Ratio Lower Upper
165 100
63 59.2 28.8 43.2#
89 60.1 35.1 52.7#





#51

Acenaphthene

Concen: 45.19 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

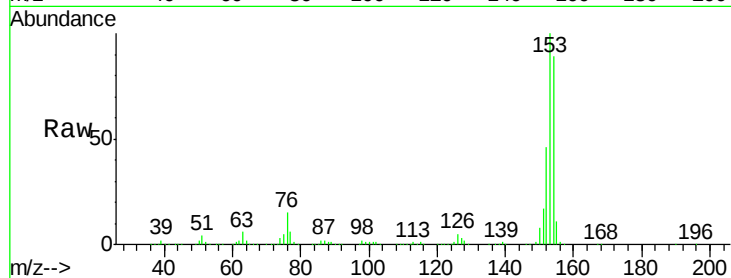
Tgt Ion:154 Resp: 1077505

Ion Ratio Lower Upper

154 100

153 111.9 91.5 137.3

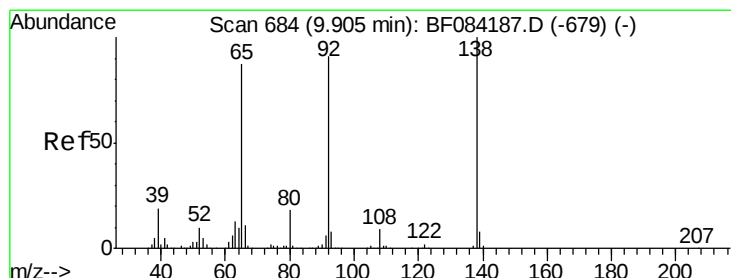
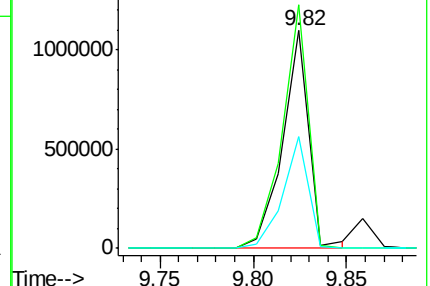
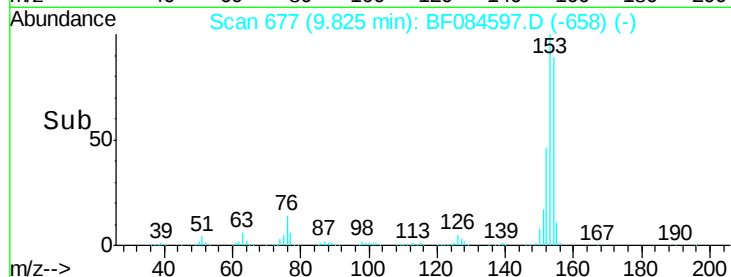
152 51.2 43.0 64.6



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: 25.97 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

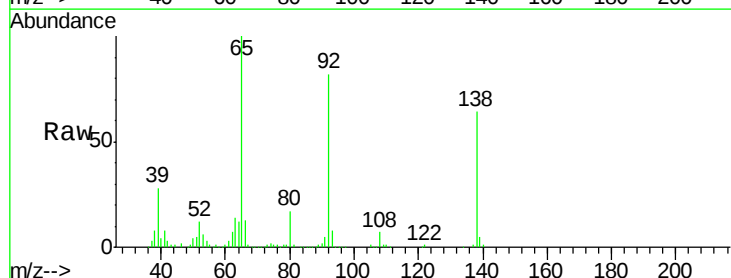
Tgt Ion:138 Resp: 194491

Ion Ratio Lower Upper

138 100

108 11.5 10.5 15.7

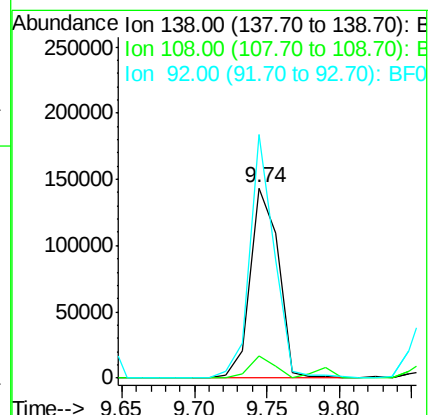
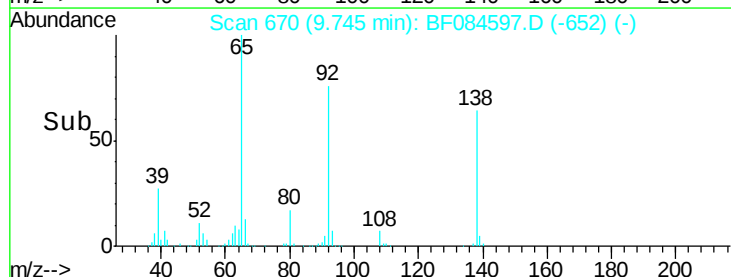
92 128.1 103.9 155.9



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

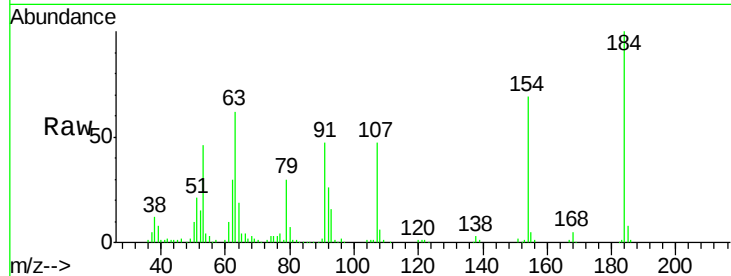




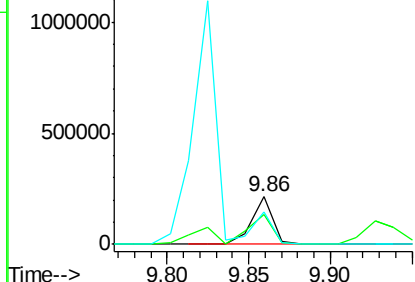
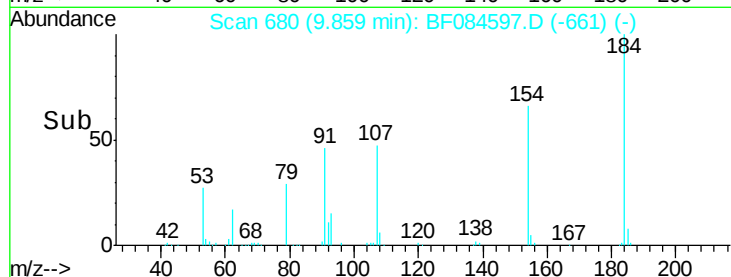
#53
2,4-Dinitrophenol
Concen: 76.76 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

Tgt Ion:184 Resp: 197232
Ion Ratio Lower Upper
184 100
63 62.0 43.1 64.7
154 68.8 60.5 90.7

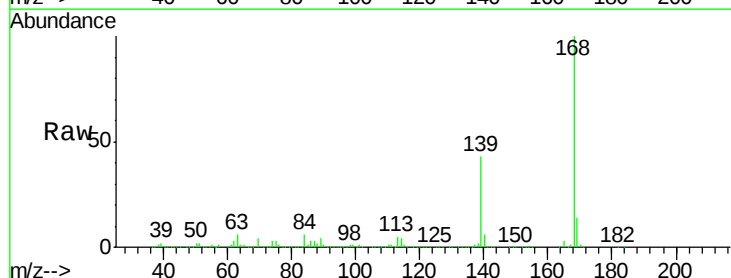


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

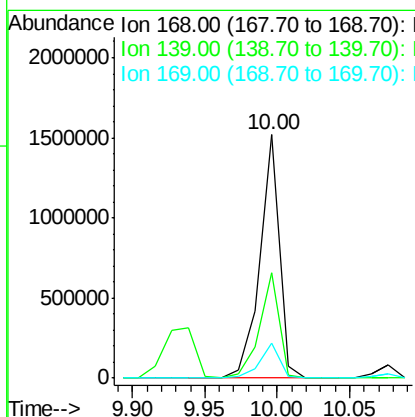
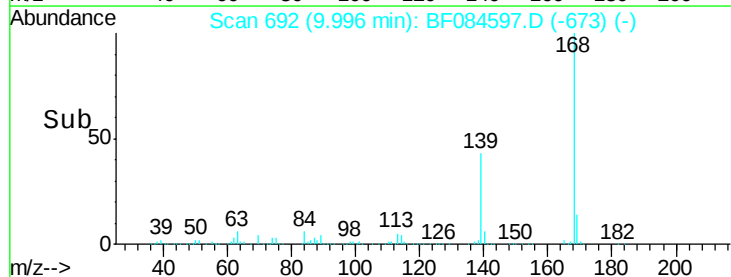


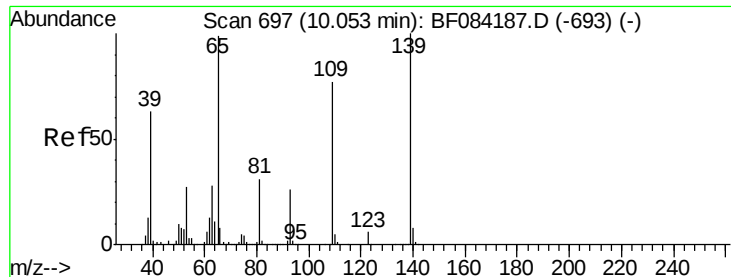
#54
Dibenzofuran
Concen: 45.92 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Tgt Ion:168 Resp: 1416421
Ion Ratio Lower Upper
168 100
139 43.1 30.5 45.7
169 14.2 10.4 15.6



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

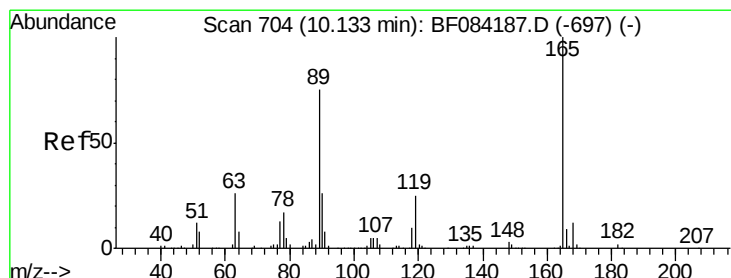
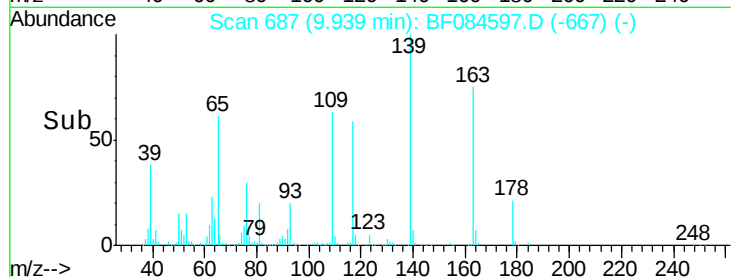
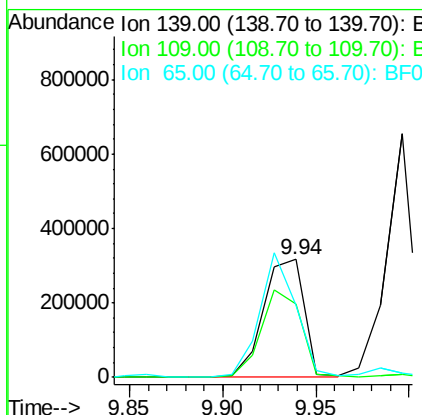
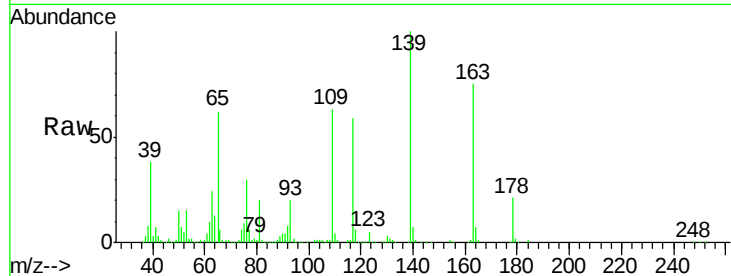




#55
4-Nitrophenol
Concen: 88.74 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

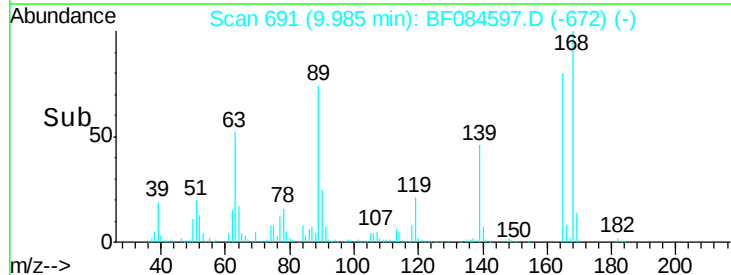
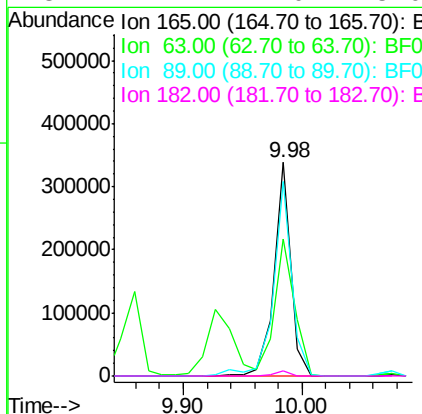
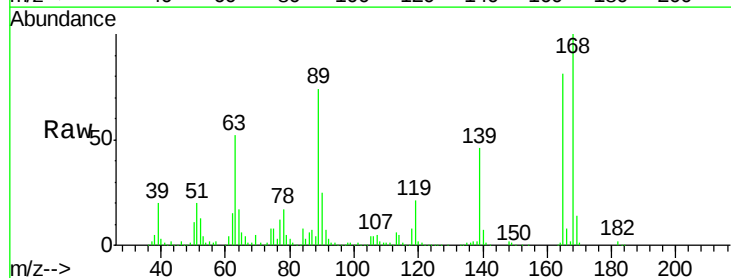
Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

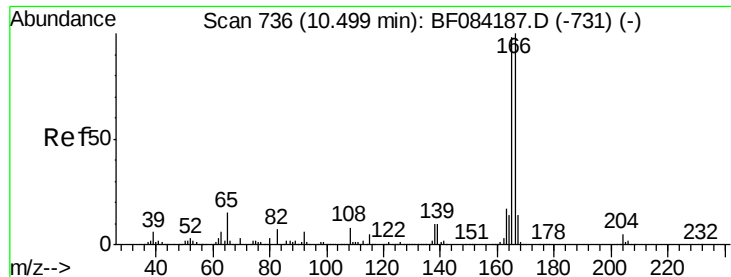
Tgt Ion:139 Resp: 482361
Ion Ratio Lower Upper
139 100
109 62.5 58.5 98.5
65 61.7 57.6 97.6



#56
2,4-Dinitrotoluene
Concen: 43.25 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Tgt Ion:165 Resp: 330808
Ion Ratio Lower Upper
165 100
63 64.0 36.7 55.1#
89 91.2 61.9 92.9
182 2.2 2.0 3.0

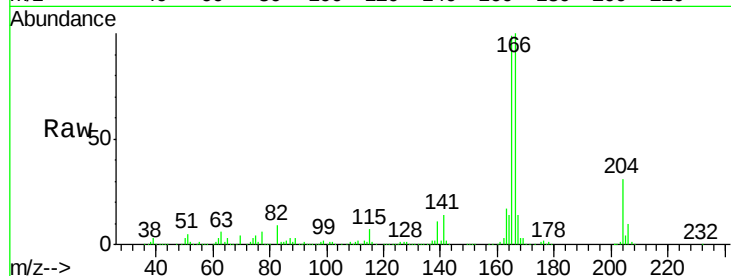




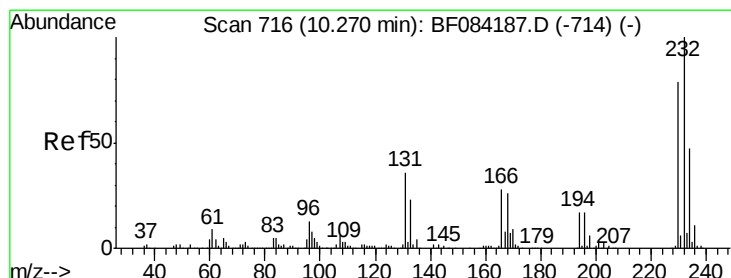
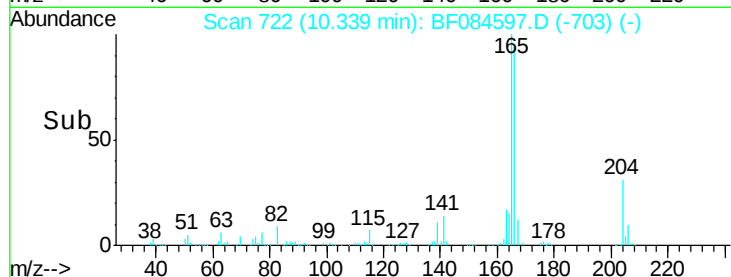
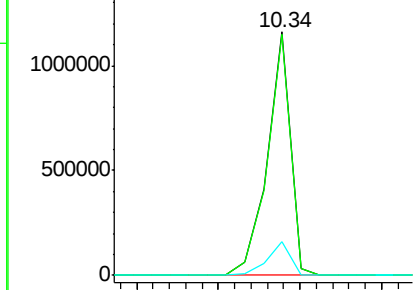
#57
 Fluorene
 Concen: 48.10 ng
 RT: 10.34 min Scan# 722
 Delta R.T. -0.08 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01MSD

Tgt Ion:166 Resp: 1144814
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.1 118.7
 167 13.6 10.4 15.6

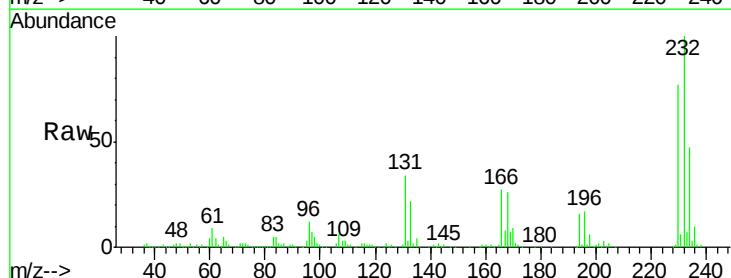


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

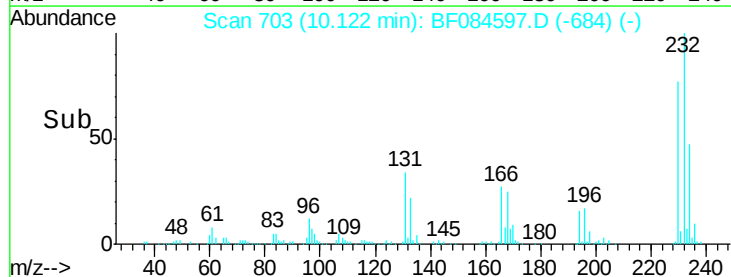
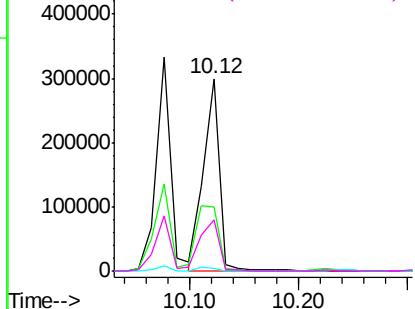


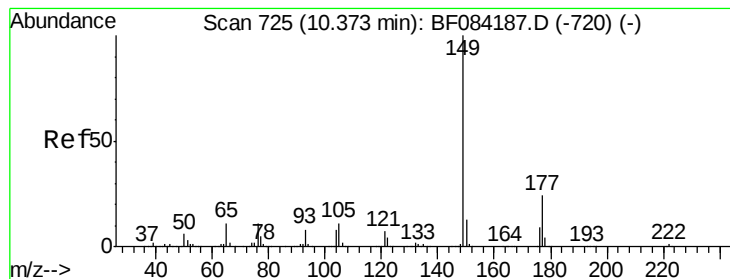
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.31 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.08 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Tgt Ion:232 Resp: 307423
 Ion Ratio Lower Upper
 232 100
 131 49.1 47.0 70.6
 130 2.2 2.0 3.0
 166 32.3 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: 45.48 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

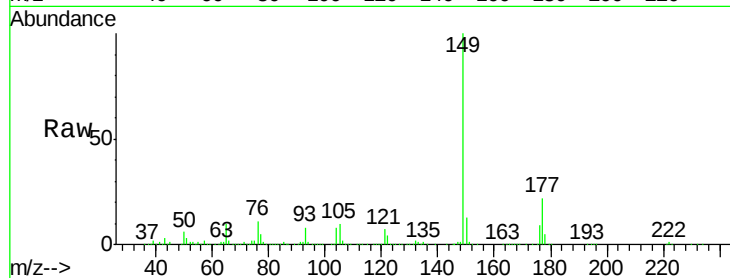
Tgt Ion:149 Resp: 1235696

Ion Ratio Lower Upper

149 100

177 22.3 17.3 25.9

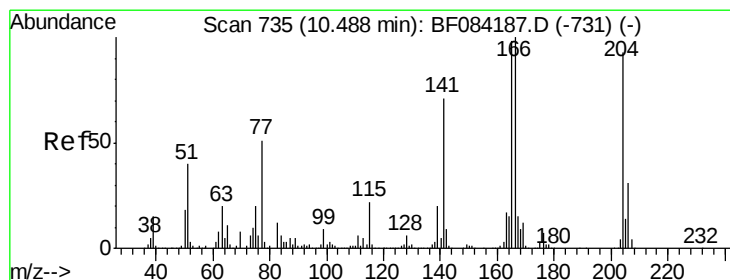
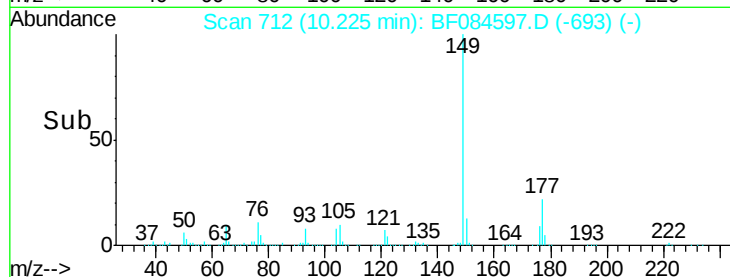
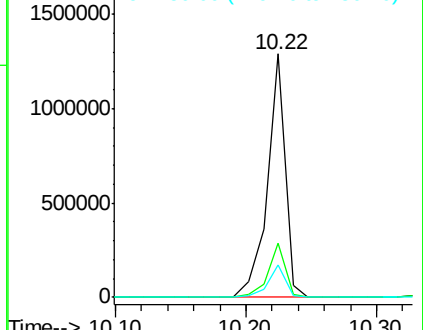
150 13.3 9.8 14.8



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: 49.33 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

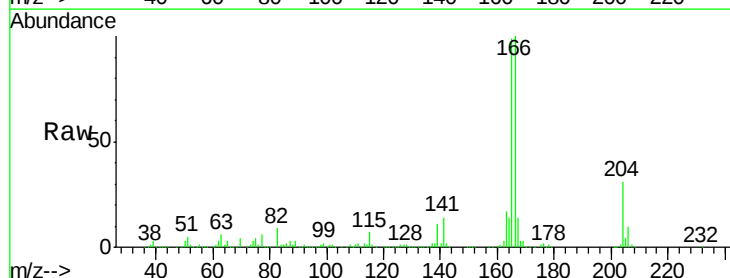
Tgt Ion:204 Resp: 489384

Ion Ratio Lower Upper

204 100

206 33.2 25.7 38.5

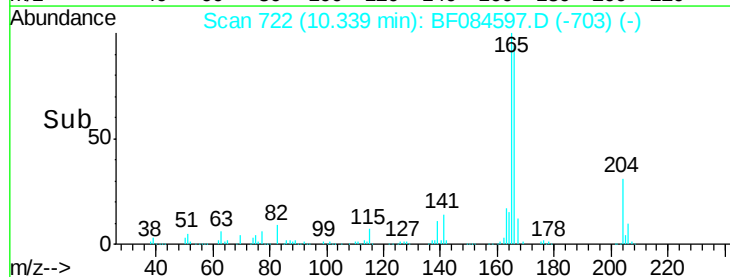
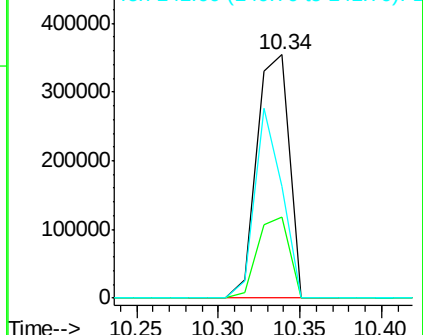
141 45.8 55.1 82.7#

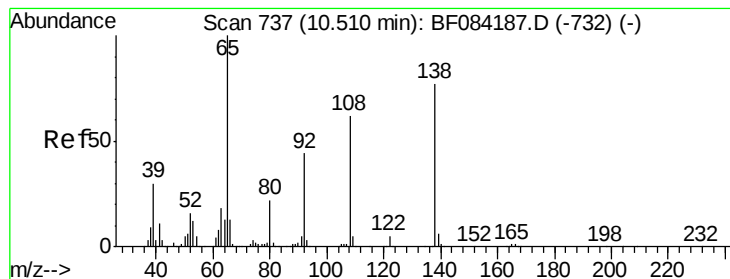


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.89 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

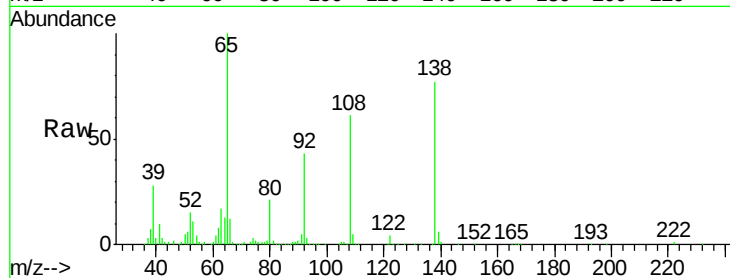
Tgt Ion: 138 Resp: 286274

Ion Ratio Lower Upper

138 100

92 56.3 32.6 72.6

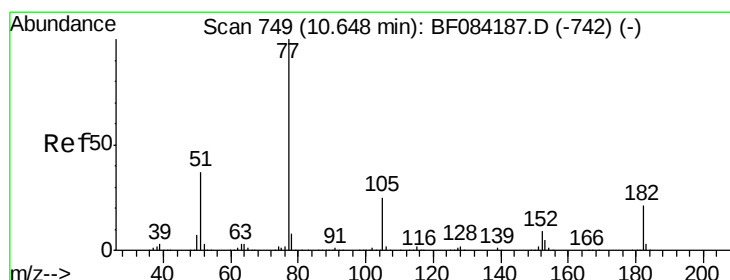
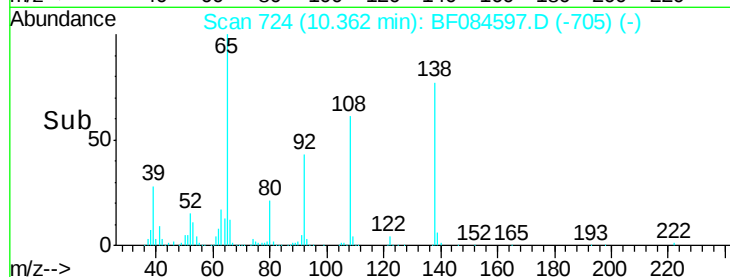
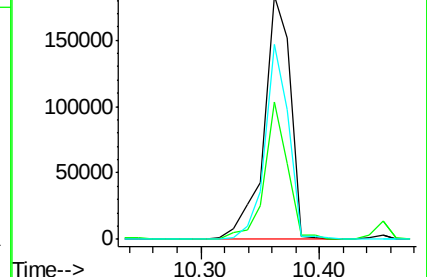
108 80.0 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.21 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Tgt Ion: 77 Resp: 1228071

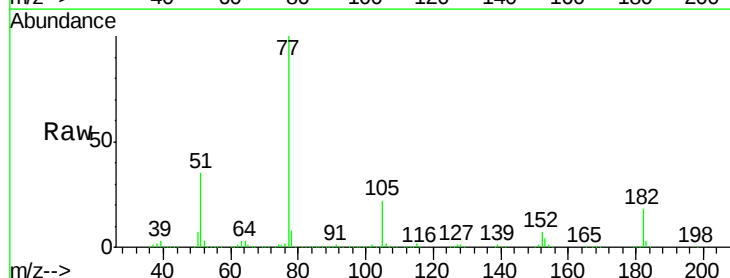
Ion Ratio Lower Upper

77 100

182 18.3 8.3 48.3

105 22.3 4.6 44.6

51 34.8 6.2 46.2

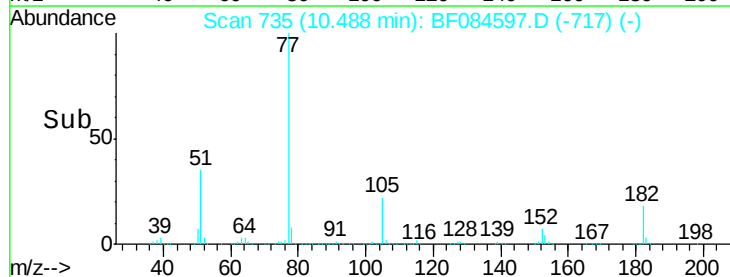
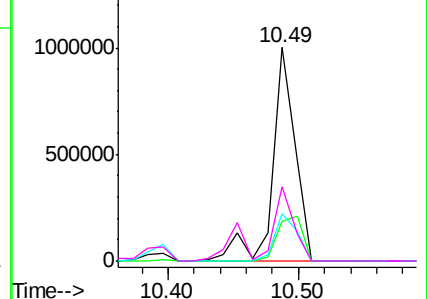


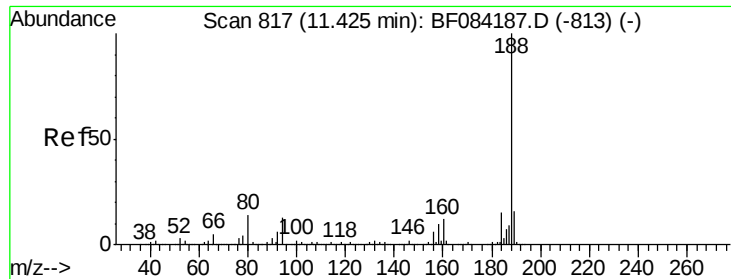
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

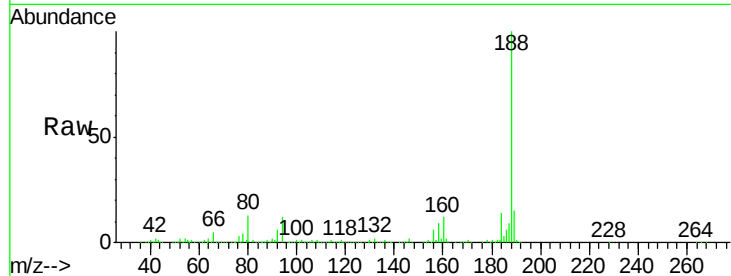
Tgt Ion:188 Resp: 685459

Ion Ratio Lower Upper

188 100

94 11.5 9.0 13.4

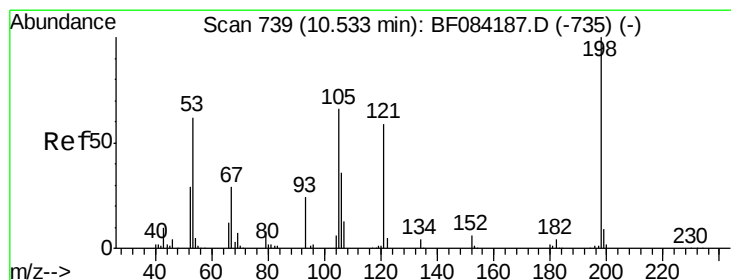
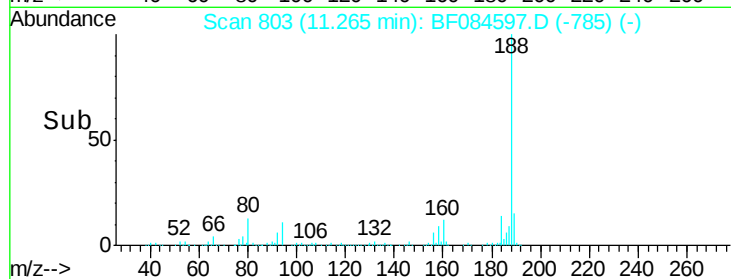
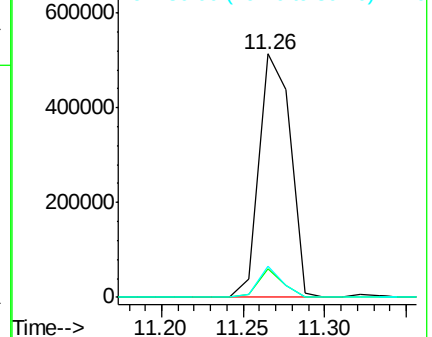
80 12.7 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 46.84 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

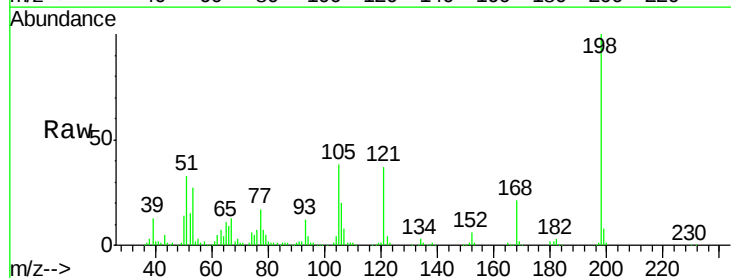
Tgt Ion:198 Resp: 194872

Ion Ratio Lower Upper

198 100

51 33.1 18.9 58.9

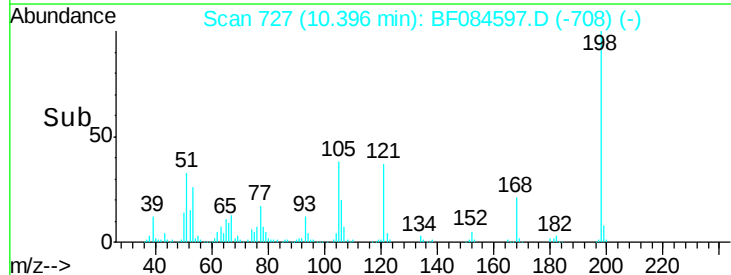
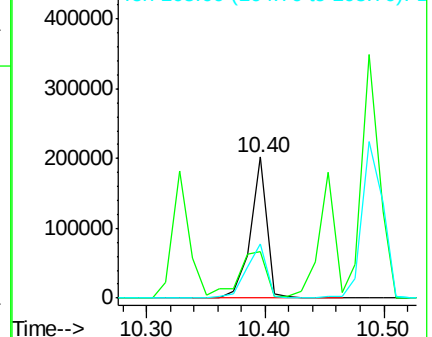
105 38.3 26.4 66.4

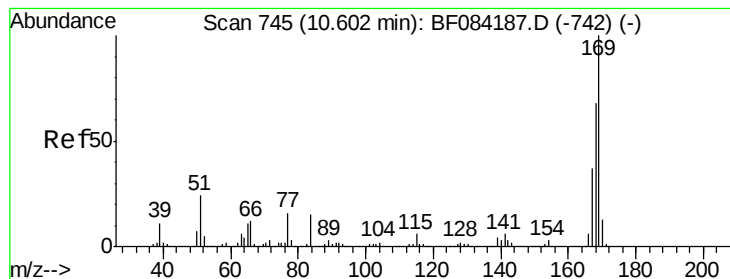


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.34 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

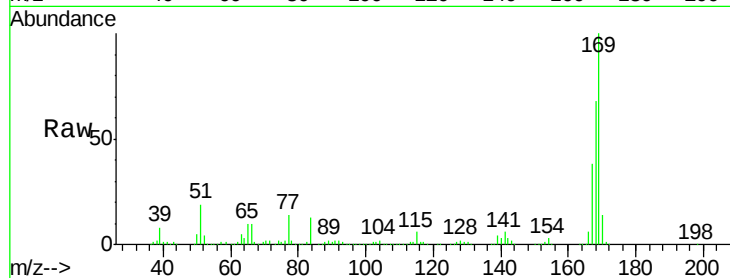
Tgt Ion:169 Resp: 906033

Ion Ratio Lower Upper

169 100

168 68.0 55.1 82.7

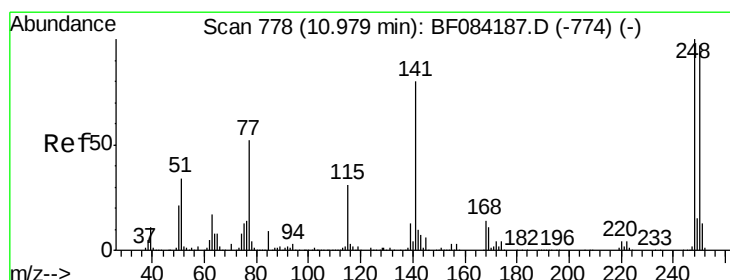
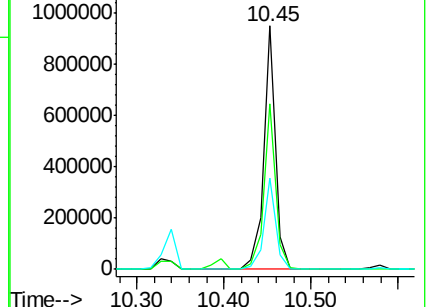
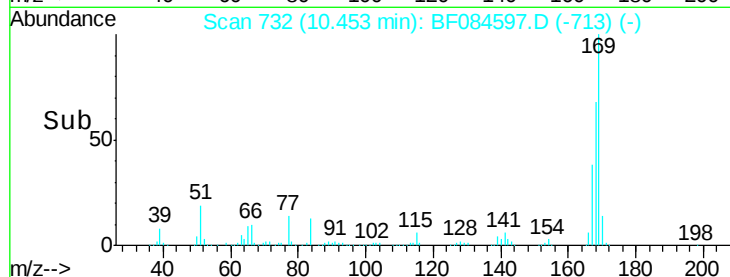
167 37.7 30.0 45.0



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: 43.00 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

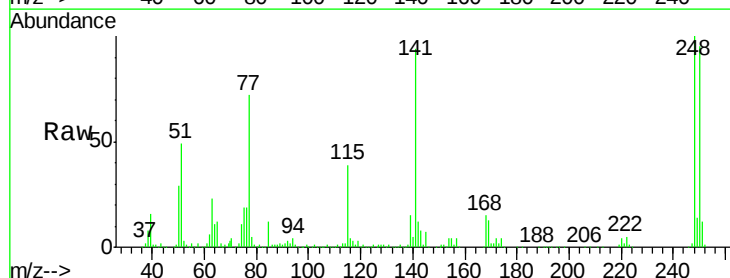
Tgt Ion:248 Resp: 317215

Ion Ratio Lower Upper

248 100

250 95.4 78.4 117.6

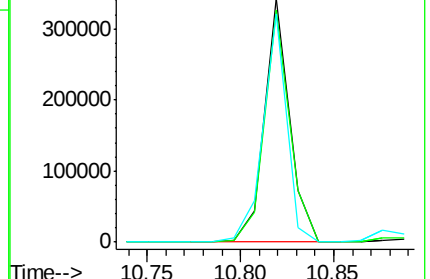
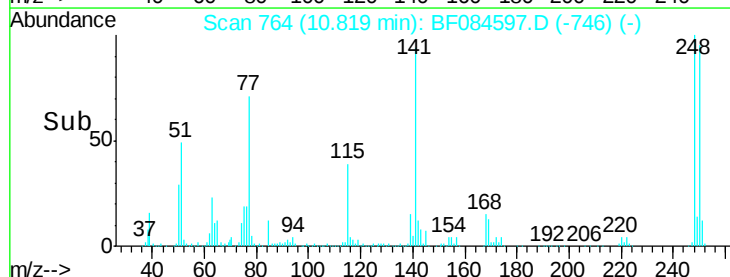
141 93.8 44.0 66.0#

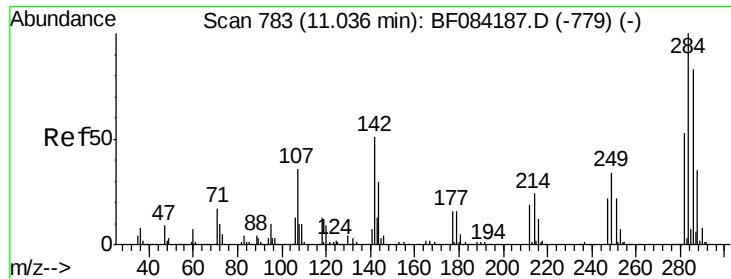


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

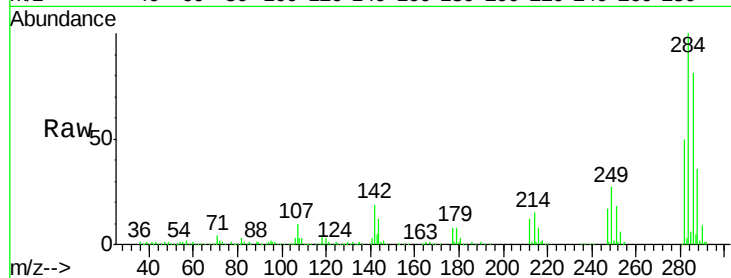




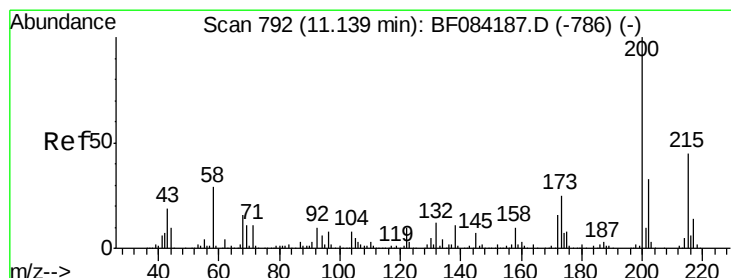
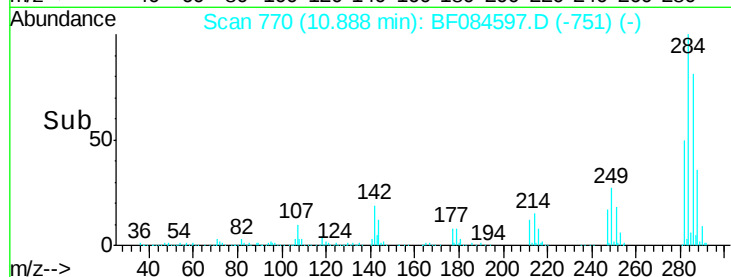
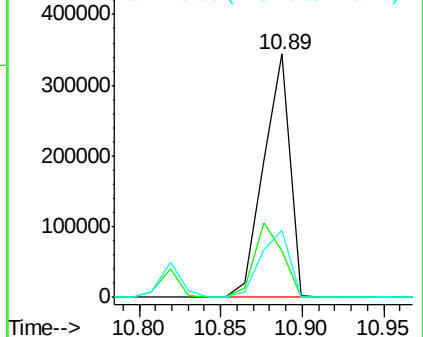
#67
Hexachlorobenzene
Concen: 46.43 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

Tgt Ion:284 Resp: 385554
Ion Ratio Lower Upper
284 100
142 19.2 22.2 33.4#
249 27.3 24.6 37.0

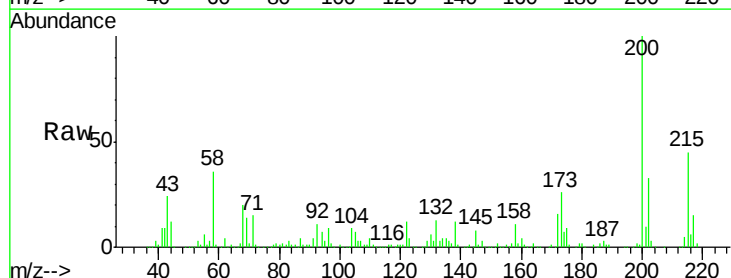


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

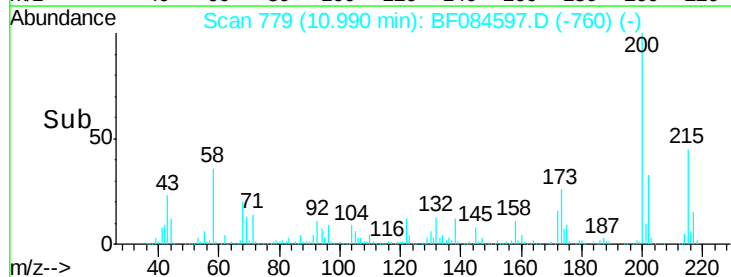
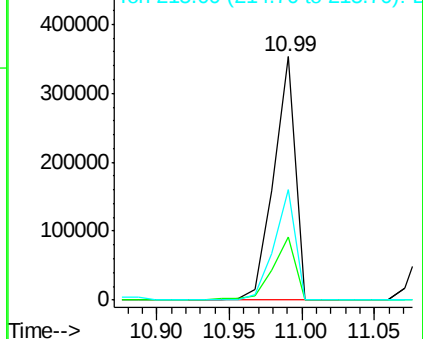


#68
Atrazine
Concen: 51.00 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Tgt Ion:200 Resp: 365798
Ion Ratio Lower Upper
200 100
173 25.9 9.5 49.5
215 45.5 23.8 63.8



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





#69

Pentachlorophenol

Concen: 82.00 ng

RT: 11.08 min Scan# 787

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

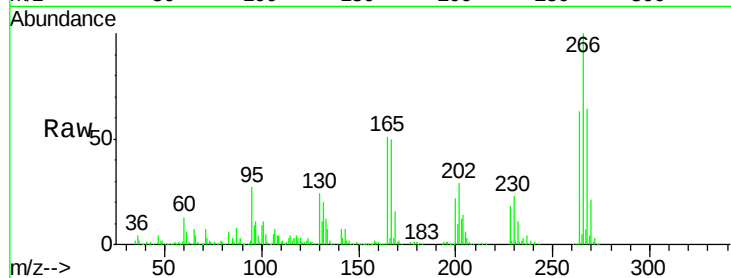
Tgt Ion:266 Resp: 353080

Ion Ratio Lower Upper

266 100

268 63.6 52.4 78.6

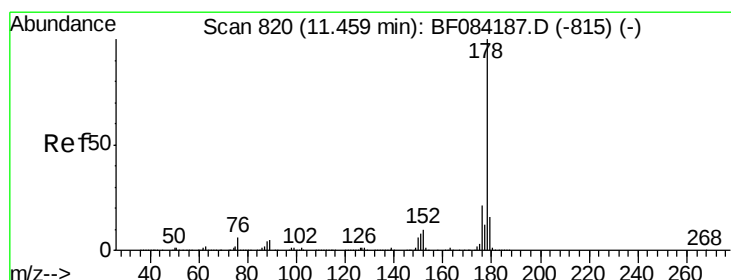
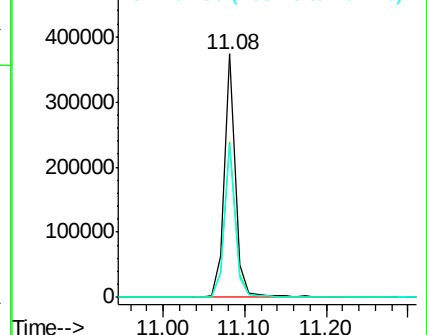
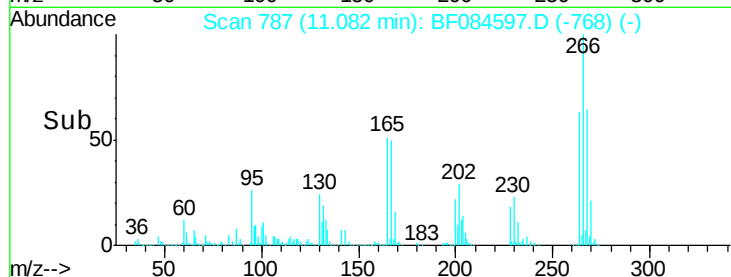
264 63.0 50.2 75.2



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: 49.03 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

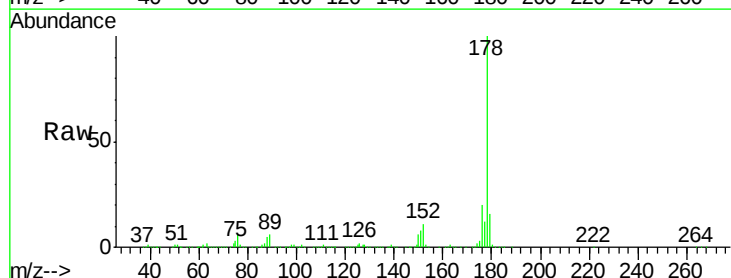
Tgt Ion:178 Resp: 1758119

Ion Ratio Lower Upper

178 100

176 20.4 15.3 22.9

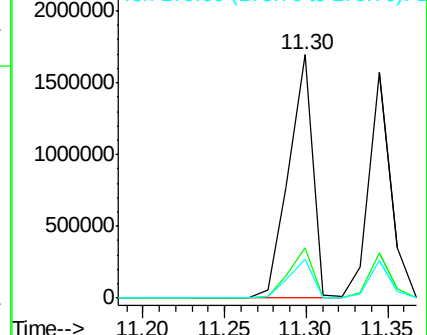
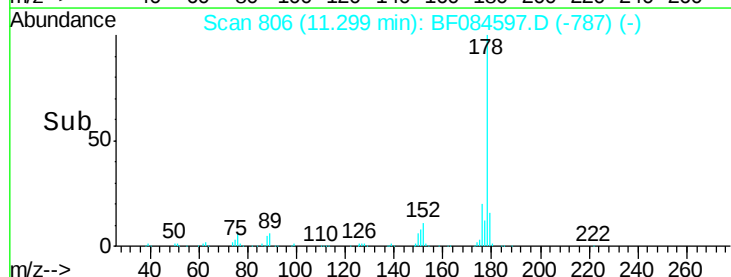
179 16.0 12.0 18.0

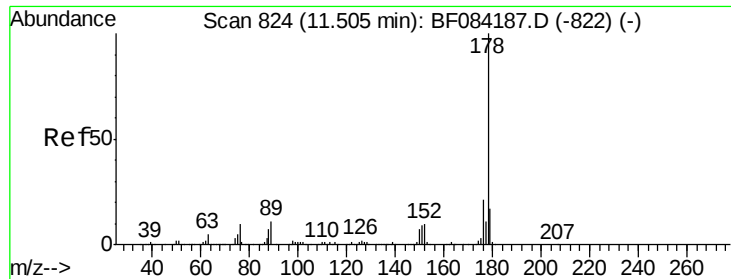


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

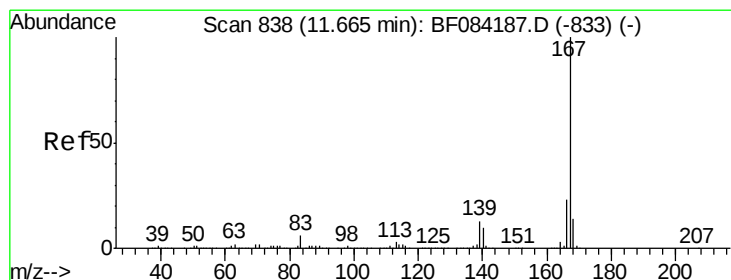
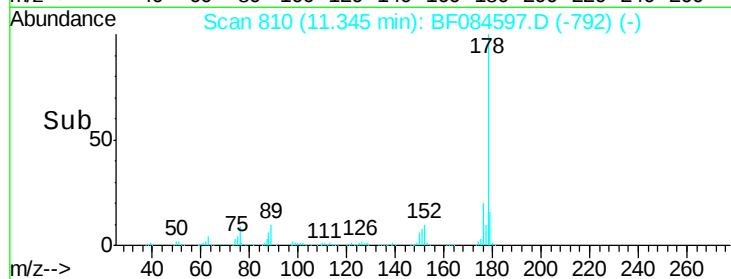
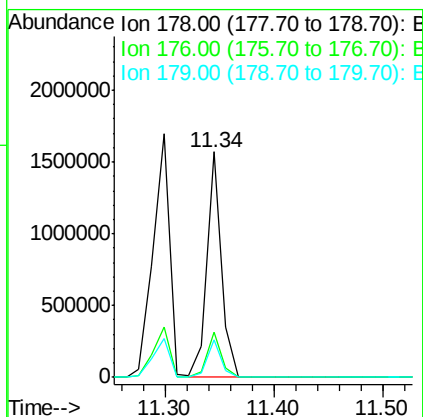
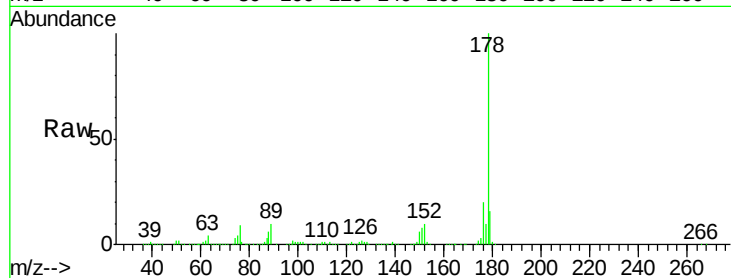




#71
 Anthracene
 Concen: 41.89 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.09 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

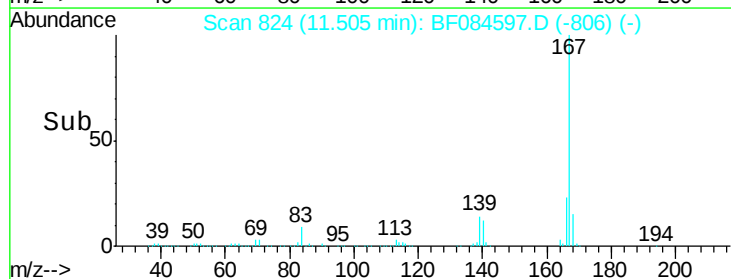
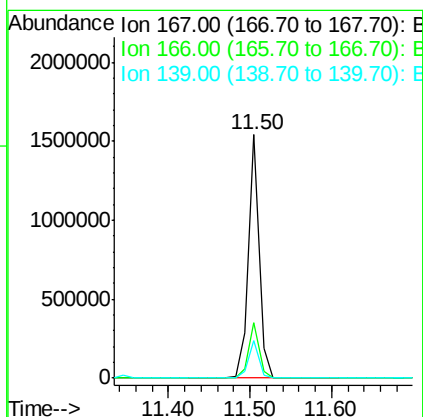
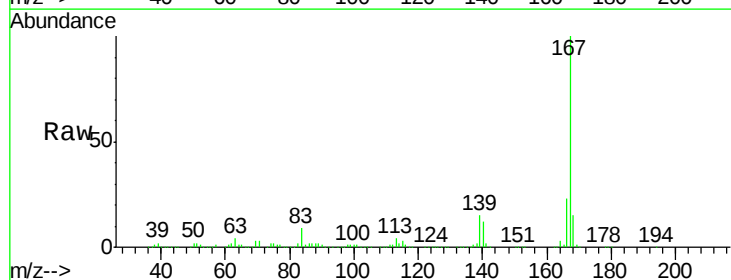
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01MSD

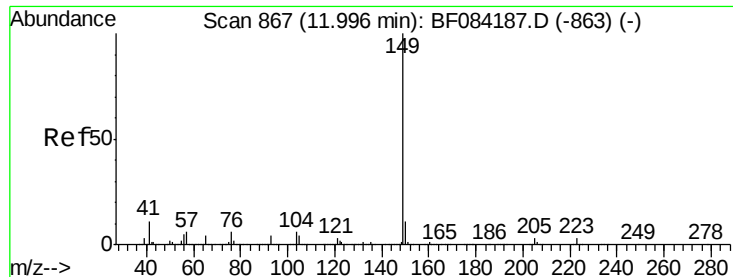
Tgt Ion:178 Resp: 1472434
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.4 23.0
 179 16.5 12.5 18.7



#72
 Carbazole
 Concen: 40.88 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.09 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Tgt Ion:167 Resp: 1404768
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 15.4 11.8 17.8





#73

Di-n-butylphthalate

Concen: 53.83 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

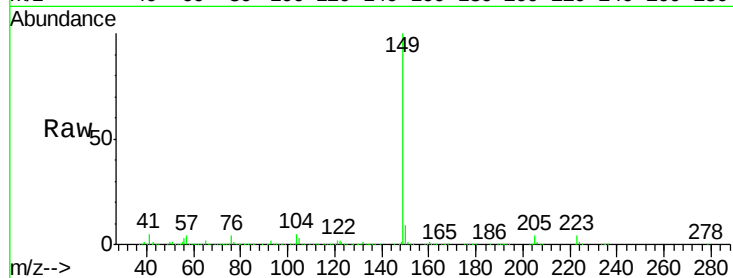
Tgt Ion:149 Resp: 1872385

Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

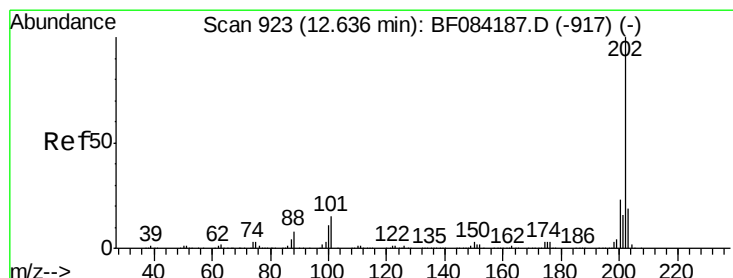
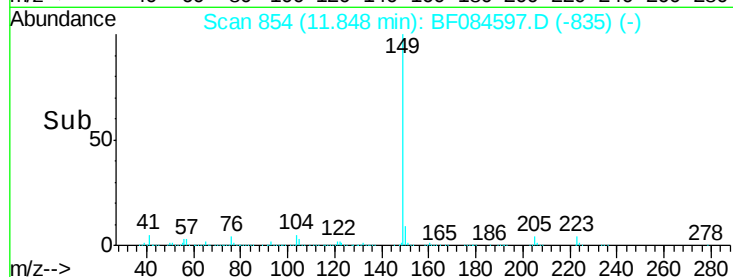
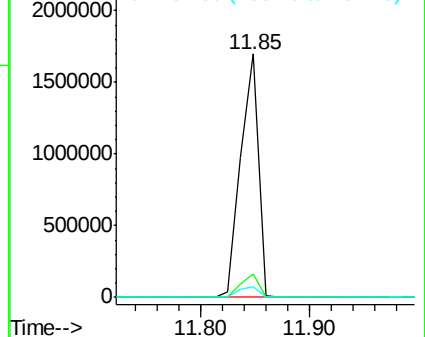
104 4.6 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.25 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

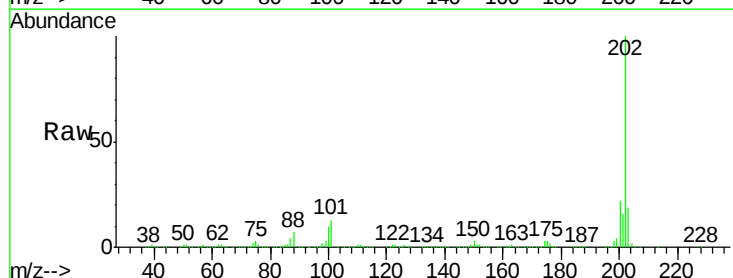
Tgt Ion:202 Resp: 1545191

Ion Ratio Lower Upper

202 100

101 13.2 0.0 32.8

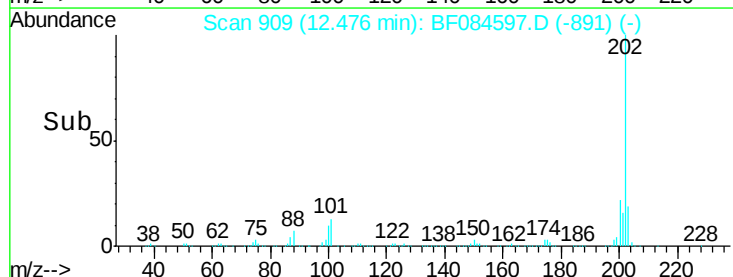
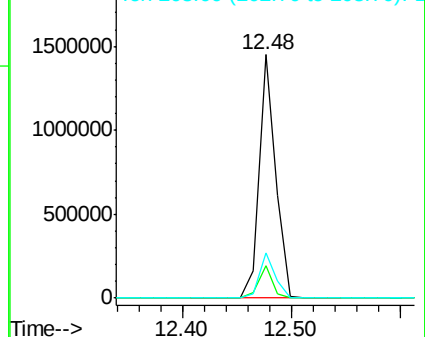
203 18.8 0.0 37.9

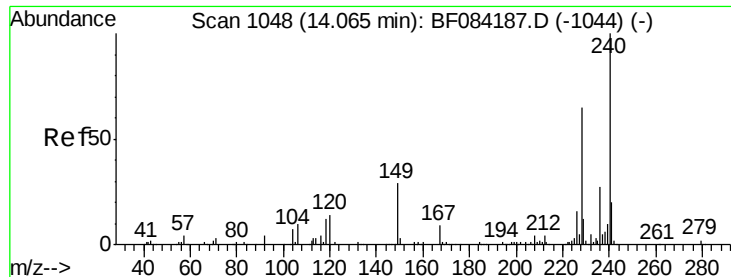


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

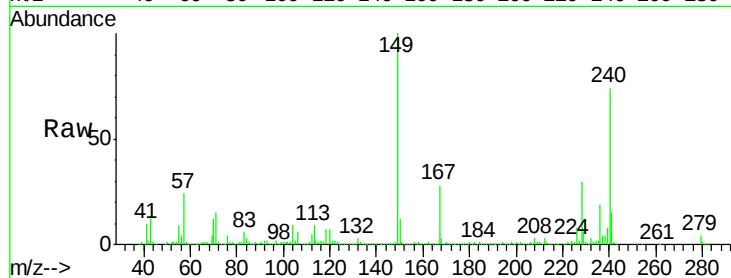
Tgt Ion:240 Resp: 477170

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

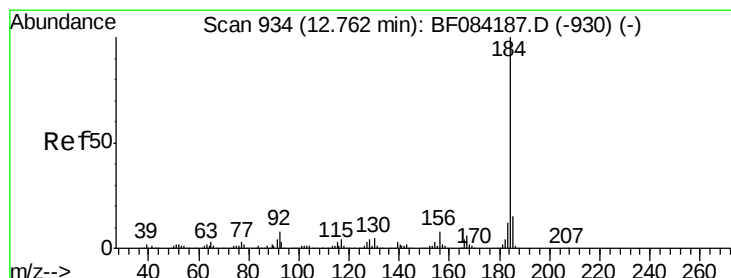
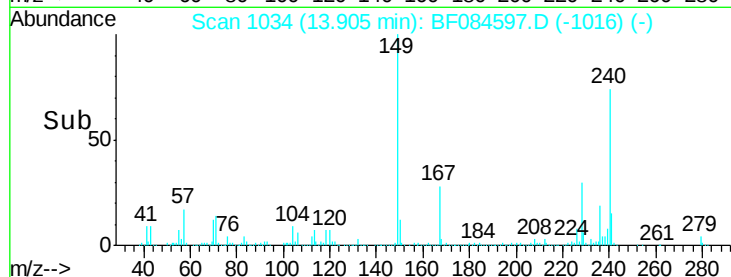
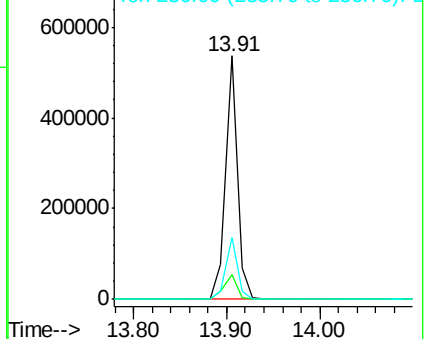
236 25.5 20.6 31.0



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: 8.84 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

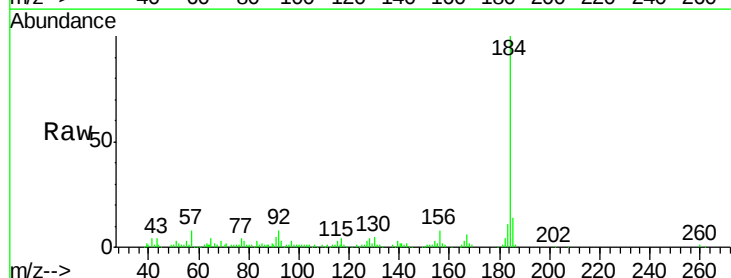
Tgt Ion:184 Resp: 151214

Ion Ratio Lower Upper

184 100

185 13.6 12.2 18.2

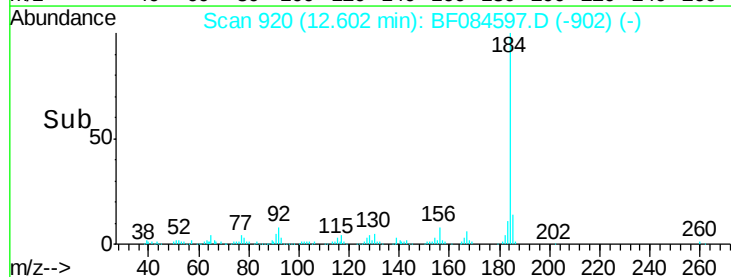
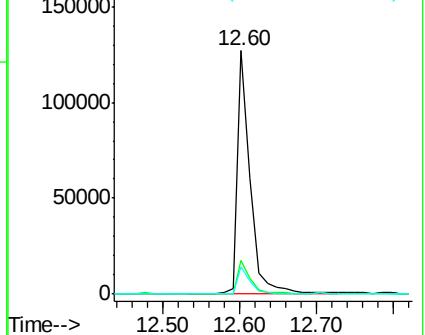
183 11.4 9.8 14.8

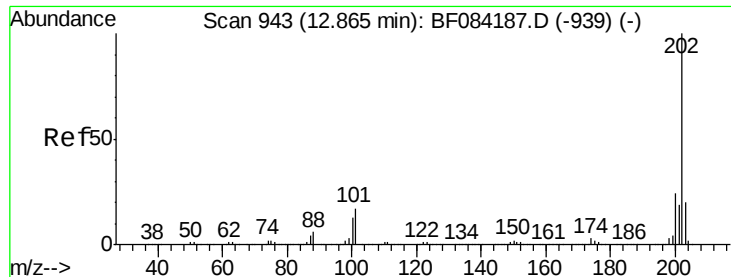


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

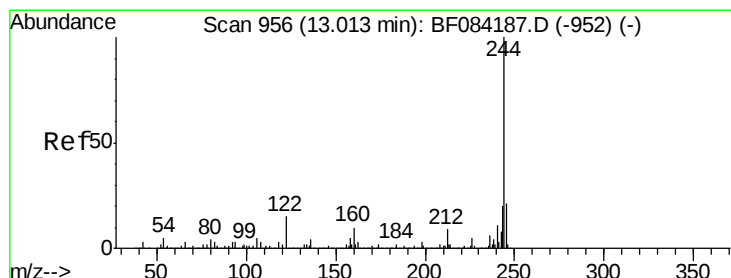
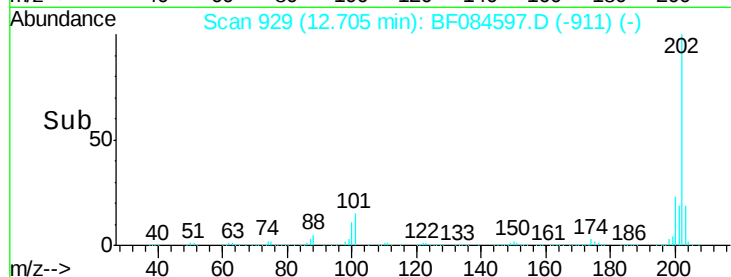
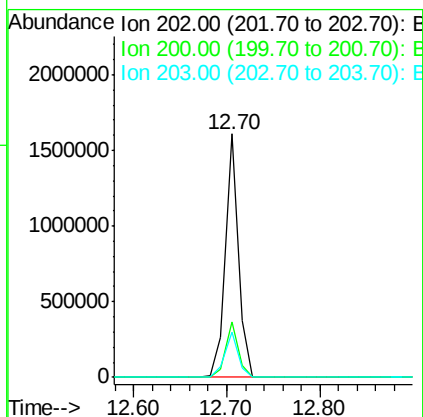
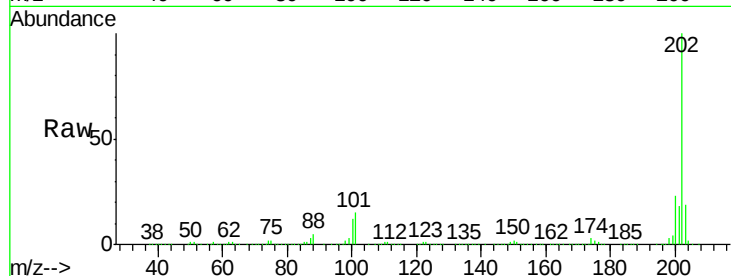




#77
 Pyrene
 Concen: 41.53 ng
 RT: 12.70 min Scan# 929
 Delta R.T. -0.09 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

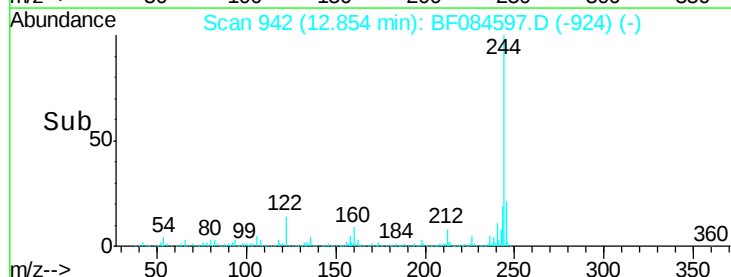
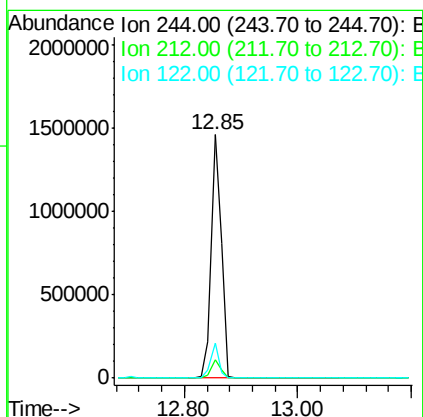
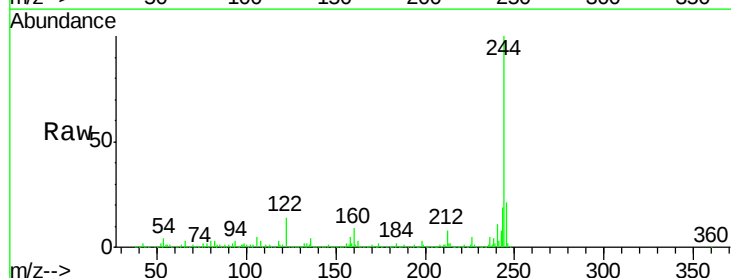
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01MSD

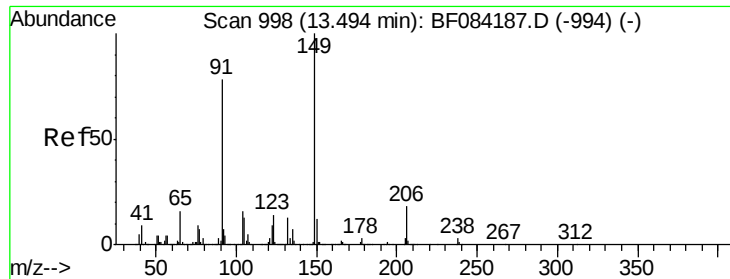
Tgt Ion:202 Resp: 1555223
 Ion Ratio Lower Upper
 202 100
 200 22.6 17.2 25.8
 203 18.7 14.3 21.5



#78
 Terphenyl-d14
 Concen: 80.60 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.09 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Tgt Ion:244 Resp: 1722914
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 14.3 7.4 11.0#





#79

Butylbenzylphthalate

Concen: 42.87 ng

RT: 13.33 min Scan# 984

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

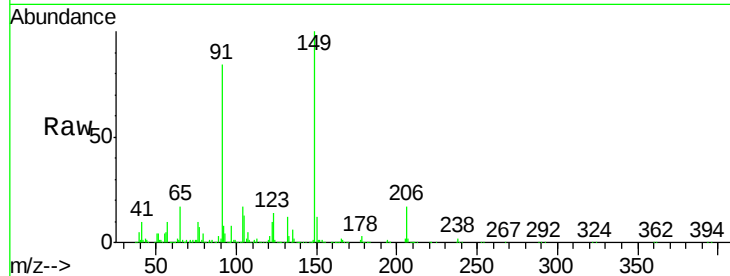
Tgt Ion:149 Resp: 694716

Ion Ratio Lower Upper

149 100

91 83.7 57.6 86.4

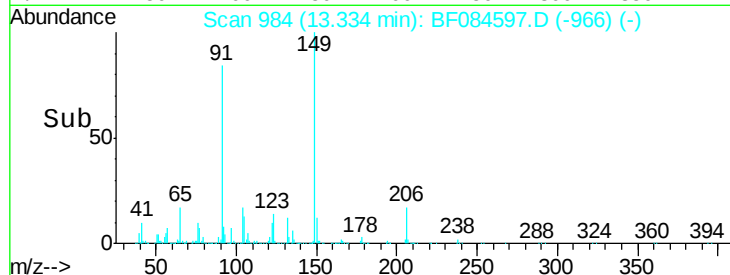
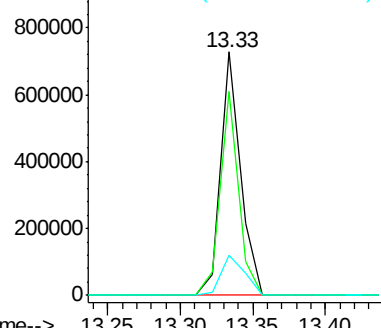
206 16.7 13.2 19.8



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: 45.20 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

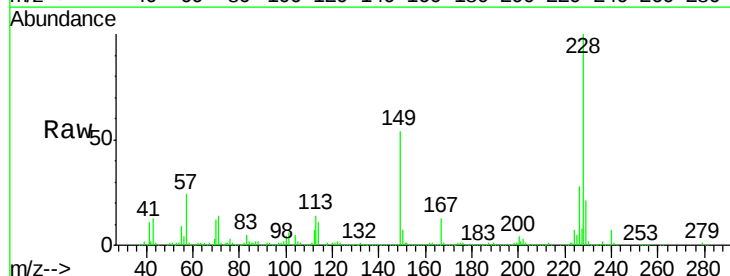
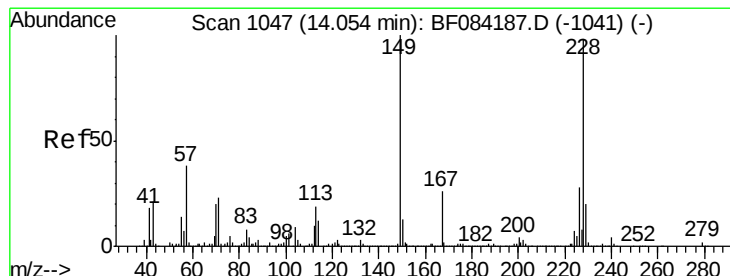
Tgt Ion:228 Resp: 1266311

Ion Ratio Lower Upper

228 100

226 28.2 21.8 32.6

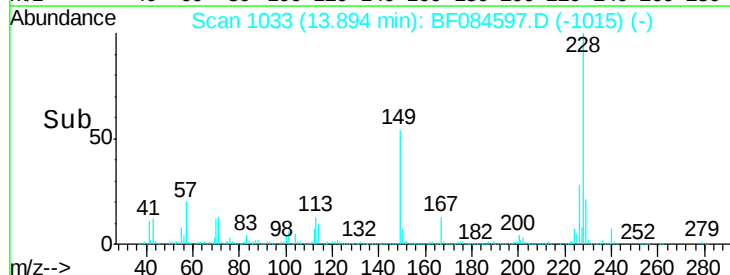
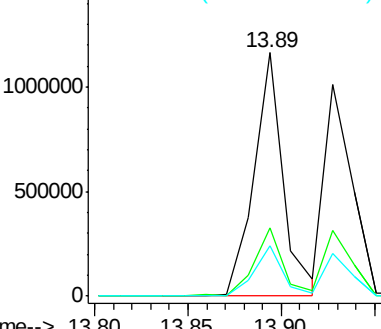
229 20.8 15.8 23.8



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

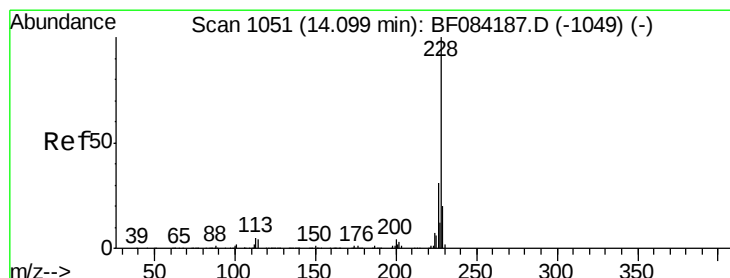
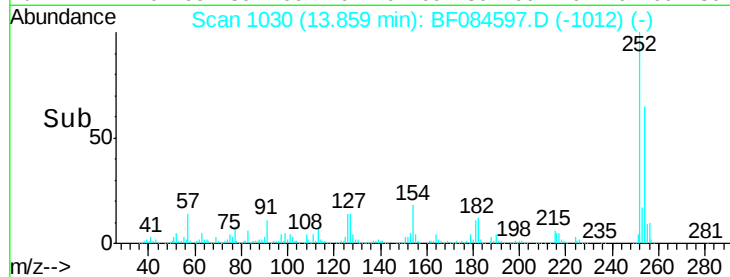
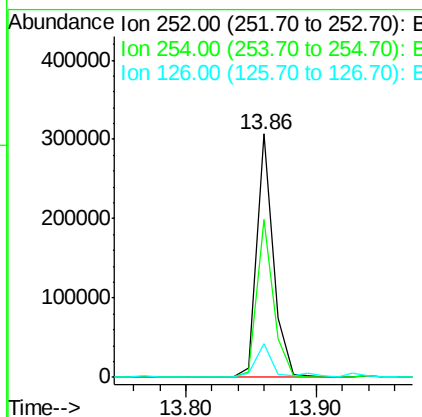
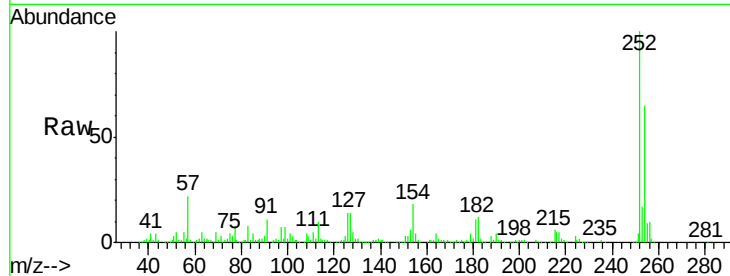




#81
 3,3'-Dichlorobenzidine
 Concen: 28.22 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.09 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

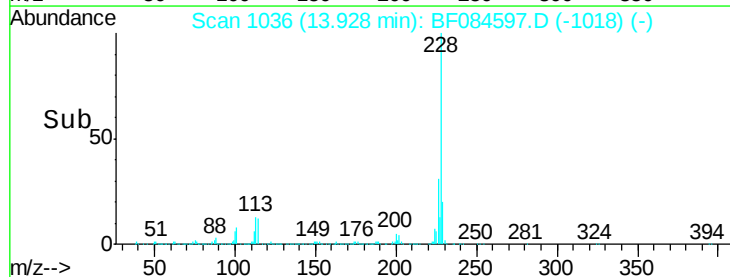
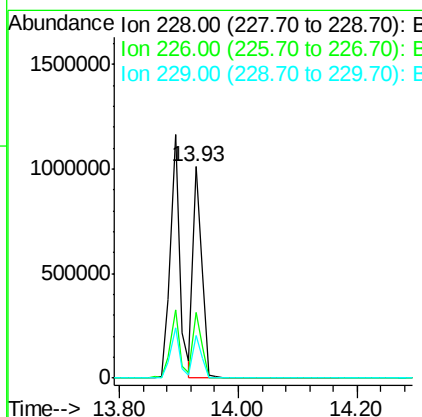
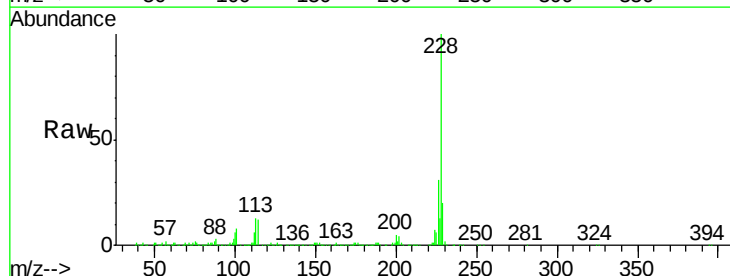
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01MSD

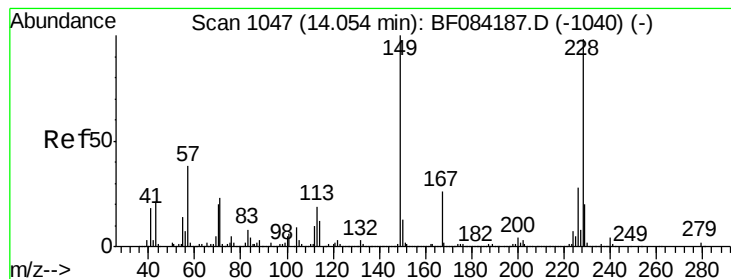
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	53.5	80.3
126	14.1	4.9	7.3#



#82
 Chrysene
 Concen: 39.64 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.09 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.3	36.5
229	20.1	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.63 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

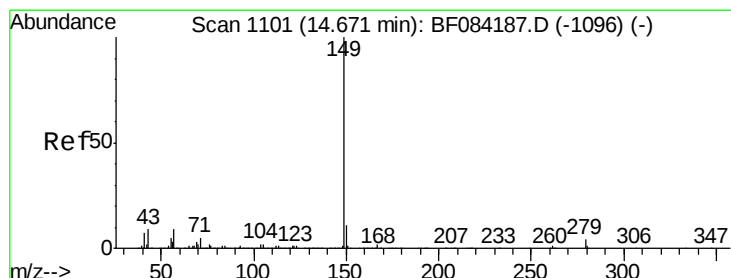
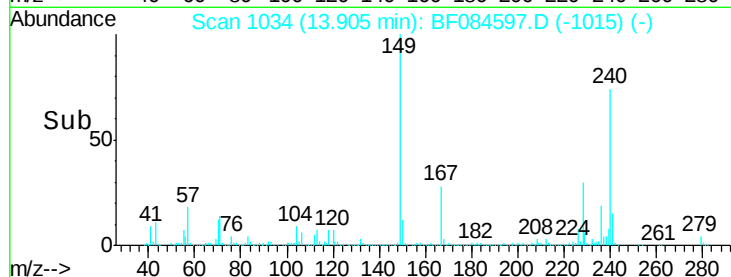
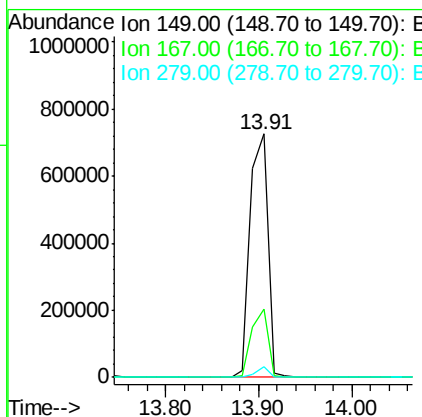
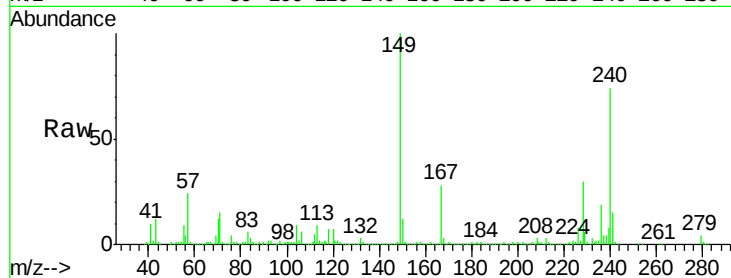
Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

Tgt Ion:	149	Resp:	954496
Ion	Ratio	Lower	Upper
149	100		
167	27.8	19.7	29.5
279	4.2	1.8	2.6#



#84

Di-n-octyl phthalate

Concen: 44.83 ng

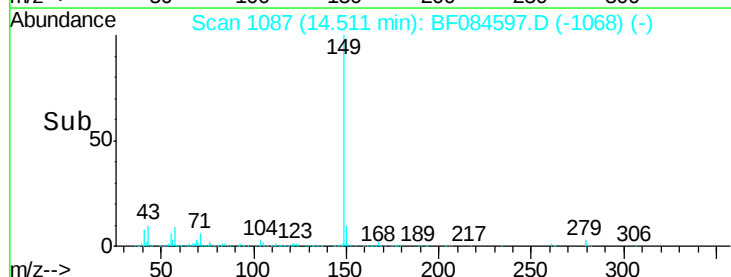
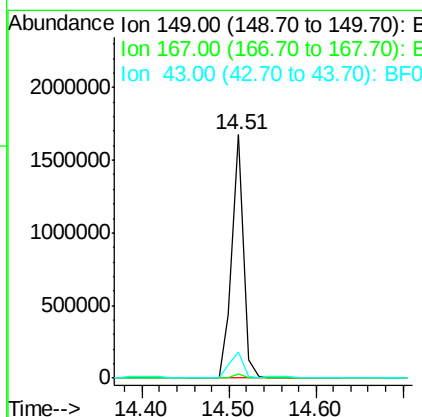
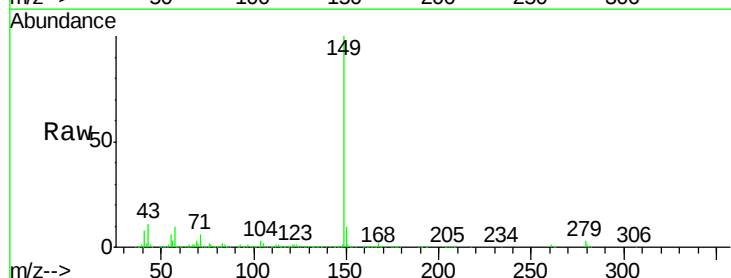
RT: 14.51 min Scan# 1087

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Tgt Ion:	149	Resp:	1549258
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.0	5.6	8.4#

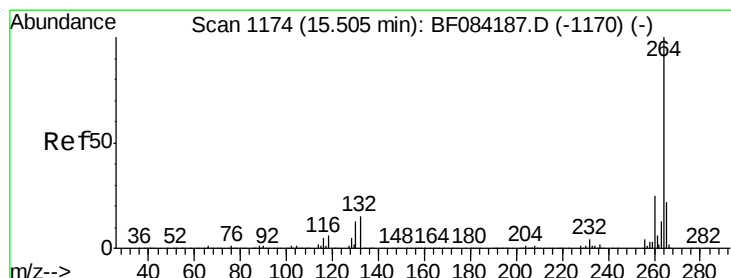
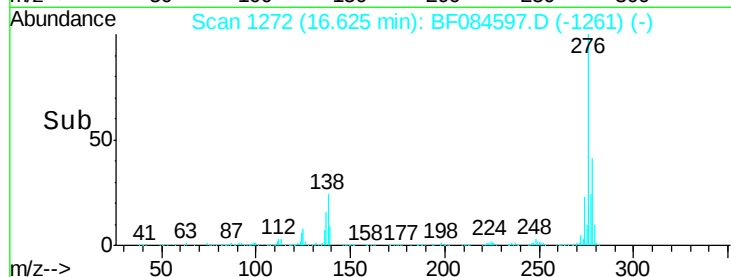
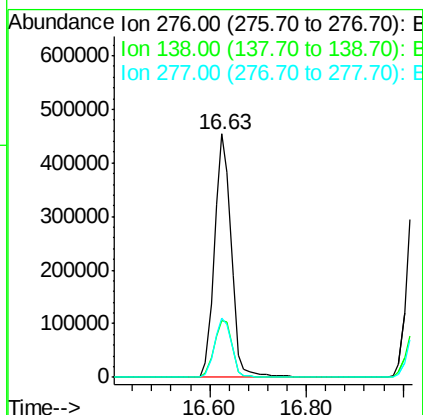
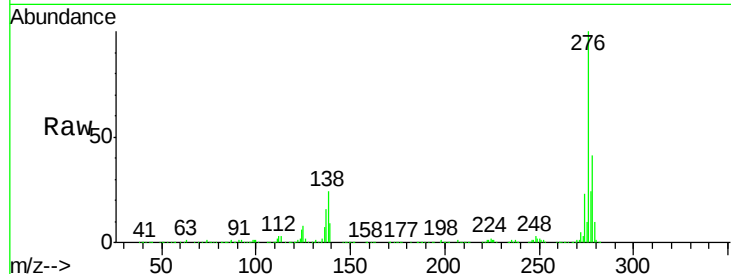




#85
Indeno(1,2,3-cd)pyrene
Concen: 52.23 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.17 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

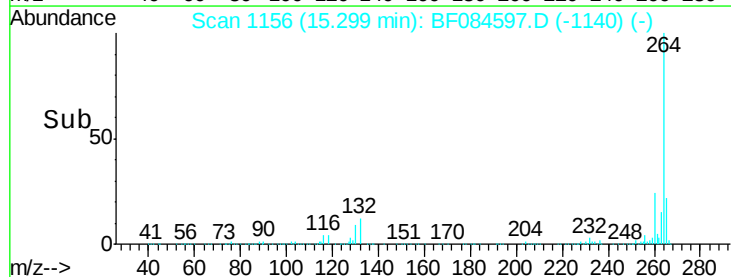
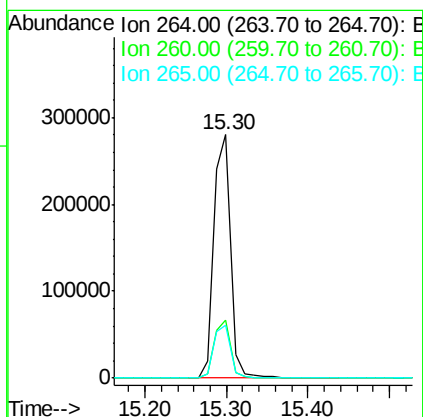
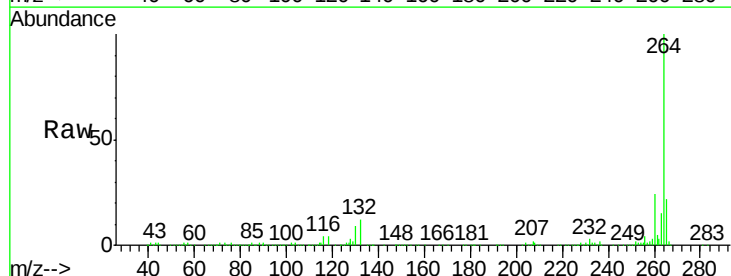
Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

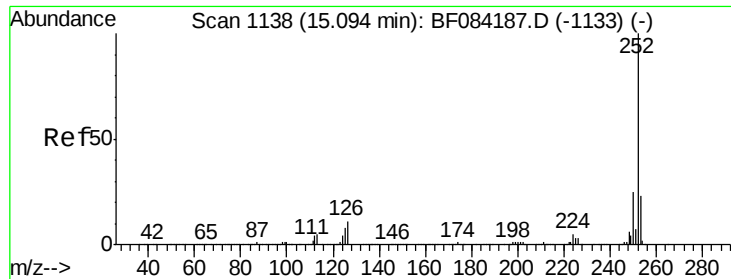
Tgt Ion:276 Resp: 1114673
Ion Ratio Lower Upper
276 100
138 25.1 20.6 30.8
277 25.0 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.11 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Tgt Ion:264 Resp: 399211
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 21.9 17.8 26.6

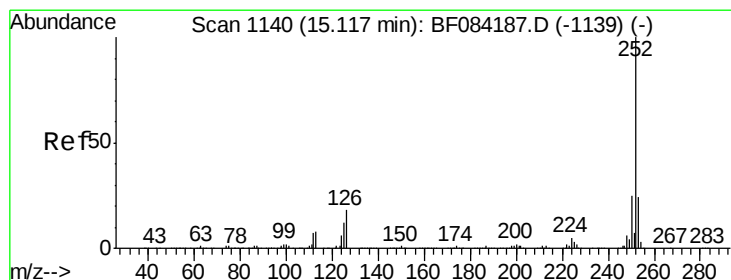
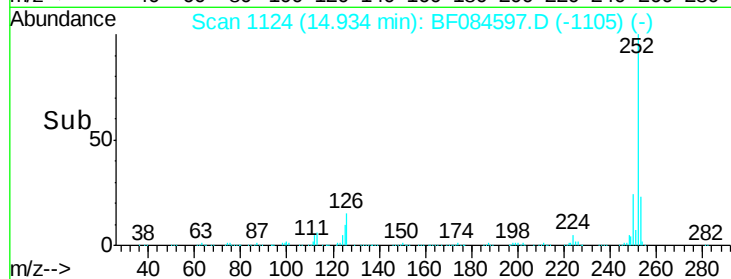
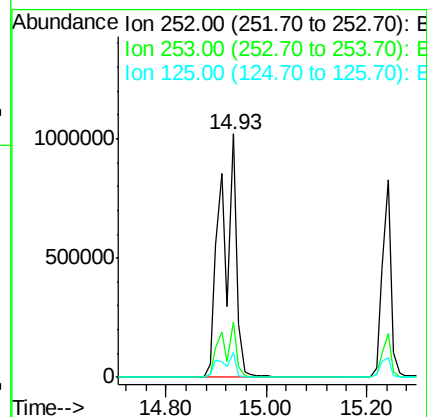
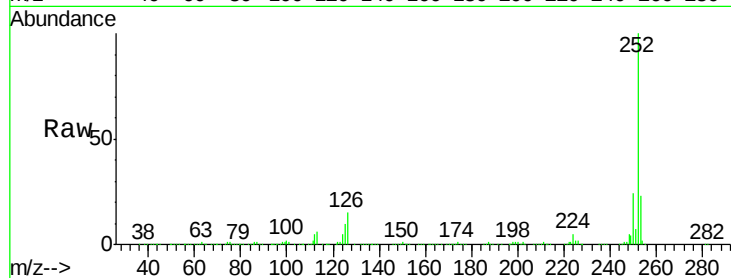




#87
Benzo(b)fluoranthene
Concen: 80.76 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

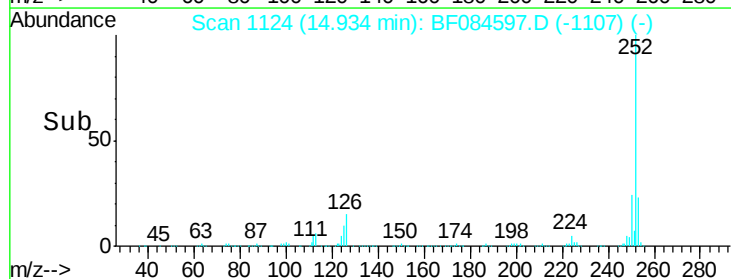
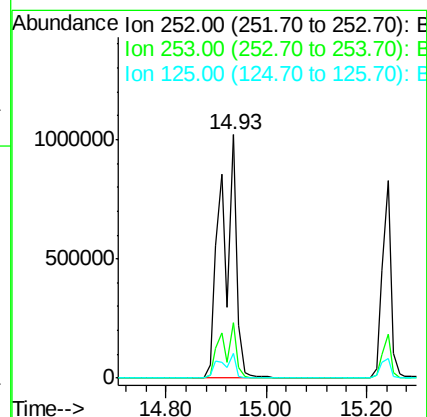
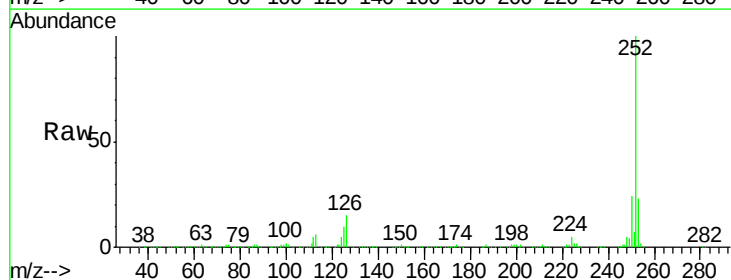
Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

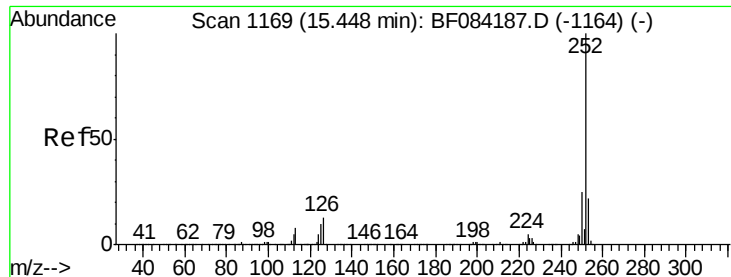
Tgt Ion:252 Resp: 2108886
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 10.4 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 98.74 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.10 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Tgt Ion:252 Resp: 2108886
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 10.4 9.0 13.6





#89

Benzo(a)pyrene

Concen: 45.48 ng

RT: 15.24 min Scan# 1151

Delta R.T. -0.11 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

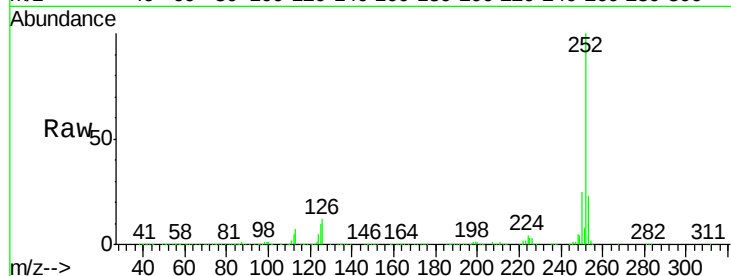
Tgt Ion:252 Resp: 1007469

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

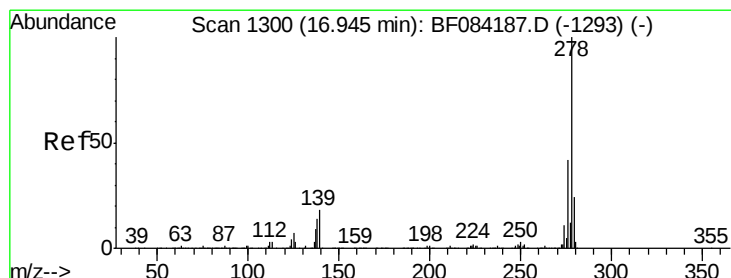
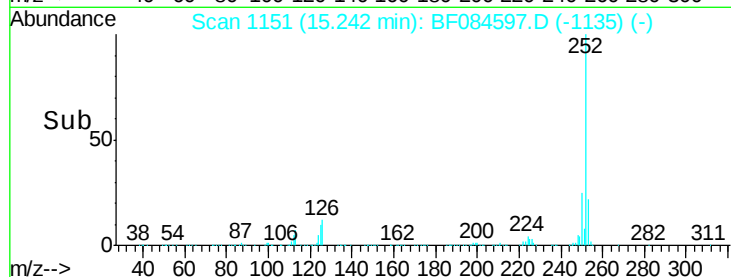
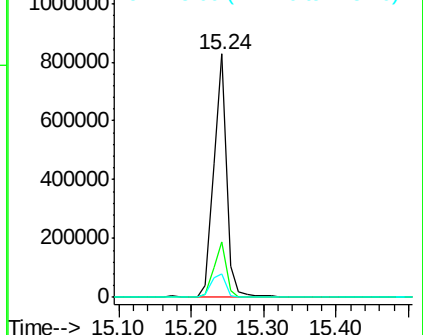
125 9.7 7.0 10.4



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: 48.43 ng

RT: 16.64 min Scan# 1273

Delta R.T. -0.17 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

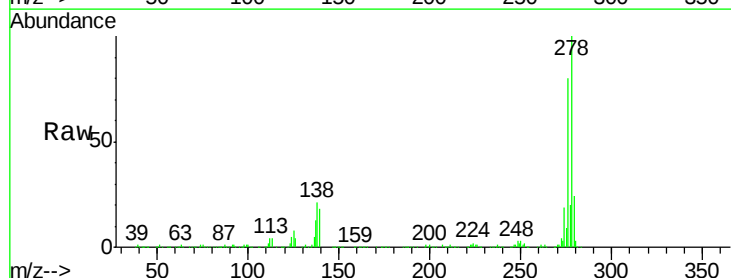
Tgt Ion:278 Resp: 923003

Ion Ratio Lower Upper

278 100

139 17.8 15.0 22.4

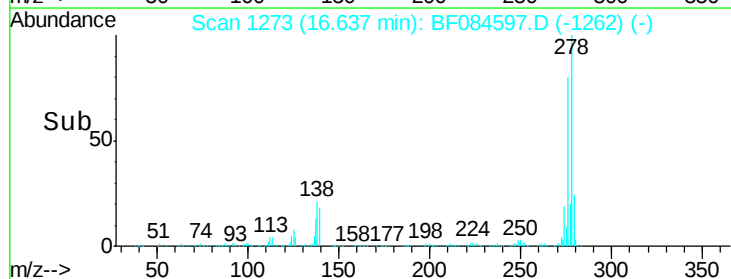
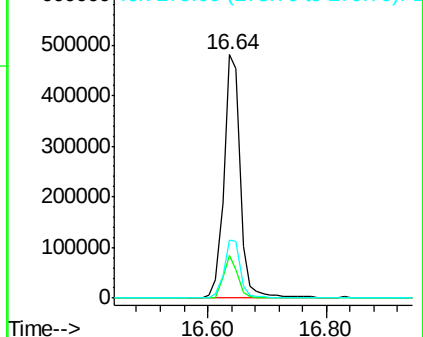
279 23.8 18.9 28.3

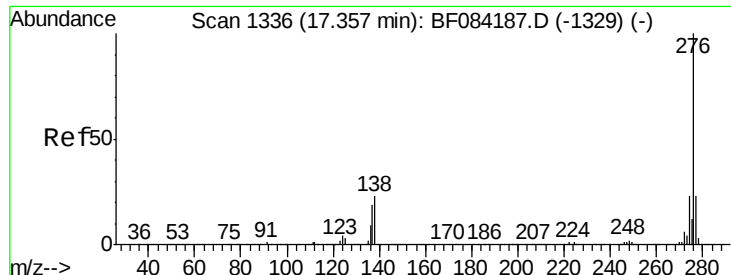


Abundance Ion 278.00 (277.70 to 278.70): E

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: 48.41 ng

RT: 17.03 min Scan# 1307

Delta R.T. -0.19 min

Lab File: BF084597.D

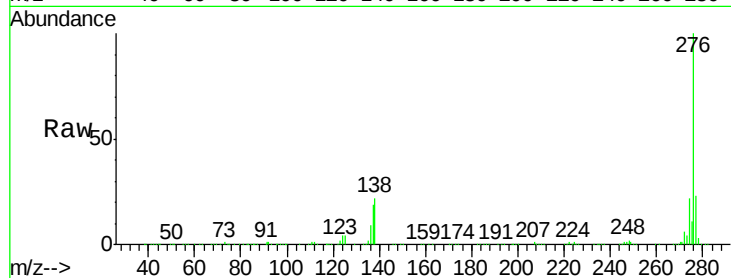
Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD



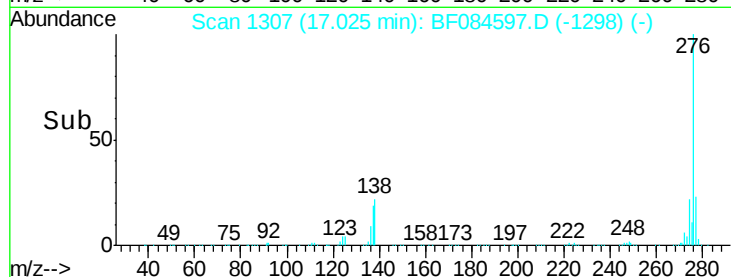
Tgt Ion: 276 Resp: 955523

Ion Ratio Lower Upper

276 100

277 23.1 18.8 28.2

138 22.2 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

17.03

400000

300000

200000

100000

0

Time--> 16.80 17.00 17.20 17.40