

Data Path : Z:\HPCHEM1\BNA F\Data\BF012716\
 Data File : BF084617.D
 Acq On : 27 Jan 2016 9:16
 Operator : SJ/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 27 17:30:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	274904	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	1164885	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	547335	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	1118756	20.00	ng	0.00
75) Chrysene-d12	13.89	240	818866	20.00	ng	0.00
86) Perylene-d12	15.28	264	810216	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1384821	81.48	ng	0.00
7) Phenol-d6	6.40	99	1661363	77.83	ng	0.00
23) Nitrobenzene-d5	7.31	82	1608401	76.84	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	448539	81.17	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2559956	82.06	ng	0.00
78) Terphenyl-d14	12.85	244	2978140	81.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	285865	35.51	ng	# 74
3) Pyridine	2.92	79	559350	24.92	ng	# 69
4) n-Nitrosodimethylamine	2.89	42	360588	31.29	ng	# 70
6) Aniline	6.41	93	1080903	34.62	ng	# 51
8) 2-Chlorophenol	6.52	128	735441	38.14	ng	84
9) Benzaldehyde	6.28	77	468432	33.70	ng	98
10) Phenol	6.41	94	998713	41.15	ng	78
11) bis(2-Chloroethyl)ether	6.49	93	779803	41.48	ng	90
12) 1,3-Dichlorobenzene	6.68	146	810383	40.74	ng	98
13) 1,4-Dichlorobenzene	6.68	146	810383	40.63	ng	93
14) 1,2-Dichlorobenzene	6.91	146	726615	38.04	ng	99
15) Benzyl Alcohol	6.90	79	699505	38.96	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1163650	33.99	ng	95
17) 2-Methylphenol	7.01	107	597734	36.99	ng	# 93
18) Hexachloroethane	7.25	117	324464	40.68	ng	96
19) n-Nitroso-di-n-propylamine	7.17	70	522405	36.15	ng	# 76
20) 3+4-Methylphenols	7.17	107	762706	40.15	ng	# 87
22) Acetophenone	7.16	105	1067450	38.11	ng	# 97
24) Nitrobenzene	7.33	77	824099	38.82	ng	97
25) Isophorone	7.57	82	1550075	38.72	ng	99
26) 2-Nitrophenol	7.65	139	417695	43.23	ng	# 86
27) 2,4-Dimethylphenol	7.70	122	731950	37.43	ng	95
28) bis(2-Chloroethoxy)methane	7.79	93	960405	39.28	ng	98
29) 2,4-Dichlorophenol	7.89	162	605815	37.19	ng	97
30) 1,2,4-Trichlorobenzene	7.97	180	679079	40.38	ng	96
31) Naphthalene	8.05	128	2226369	42.13	ng	98
32) Benzoic acid	7.85	122	498173	40.69	ng	94
33) 4-Chloroaniline	8.11	127	1057166	43.63	ng	# 92
34) Hexachlorobutadiene	8.17	225	363217	37.57	ng	98
35) Caprolactam	8.51	113	248647	45.28	ng	# 84
36) 4-Chloro-3-methylphenol	8.60	107	775092	42.48	ng	97
37) 2-Methylnaphthalene	8.74	142	1328229	35.01	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	676381	42.99	ng	99
40) Hexachlorocyclopentadiene	8.90	237	357690	37.66	ng	99

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 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 27 17:30:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	455022	38.65	nq	97
43) 2,4,5-Trichlorophenol	9.07	196	481156	42.64	nq	# 92
45) 1,1'-Biphenyl	9.21	154	1675436	38.52	nq	99
46) 2-Chloronaphthalene	9.23	162	1314297	38.46	nq	95
47) 2-Nitroaniline	9.33	65	537249	47.64	nq	93
48) Acenaphthylene	9.64	152	1825994	36.17	nq	96
49) Dimethylphthalate	9.52	163	1642463	41.98	nq	# 90
50) 2,6-Dinitrotoluene	9.57	165	360753	42.04	nq	# 43
51) Acenaphthene	9.81	154	1300185	38.40	nq	97
52) 3-Nitroaniline	9.74	138	390221	36.70	nq	98
53) 2,4-Dinitrophenol	9.85	184	189793	53.16	nq	# 76
54) Dibenzofuran	9.98	168	1606496	36.04	nq	# 89
55) 4-Nitrophenol	9.92	139	302378	39.17	nq	# 76
56) 2,4-Dinitrotoluene	9.98	165	517833	47.68	nq	88
57) Fluorene	10.33	166	1333777	39.01	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	422578	43.86	nq	92
59) Diethylphthalate	10.21	149	1516107	39.30	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	685634	48.54	nq	# 86
61) 4-Nitroaniline	10.36	138	440391	46.46	nq	94
62) Azobenzene	10.49	77	1730966	40.91	nq	93
64) 4,6-Dinitro-2-methylphenol	10.38	198	268950	39.35	nq	# 60
65) n-Nitrosodiphenylamine	10.44	169	1280603	35.80	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	429791	35.69	nq	# 73
67) Hexachlorobenzene	10.88	284	534743	39.46	nq	99
68) Atrazine	10.98	200	412810	35.27	nq	98
69) Pentachlorophenol	11.07	266	284979	40.55	nq	98
70) Phenanthrene	11.29	178	2280534	38.97	nq	95
71) Anthracene	11.33	178	2267445	39.53	nq	98
72) Carbazole	11.49	167	1882637	33.57	nq	97
73) Di-n-butylphthalate	11.84	149	2628424	43.79	nq	# 96
74) Fluoranthene	12.47	202	2342133	38.31	nq	98
76) Benzidine	12.60	184	1091030	37.16	nq	99
77) Pyrene	12.69	202	2343921	36.48	nq	97
79) Butylbenzylphthalate	13.32	149	1022648	36.78	nq	87
80) Benzo(a)anthracene	13.88	228	1992660	41.44	nq	97
81) 3,3'-Dichlorobenzidine	13.86	252	851037	50.71	nq	99
82) Chrysene	13.93	228	2085018	45.13	nq	98
83) Bis(2-ethylhexyl)phthalate	13.88	149	1380012	39.28	nq	99
84) Di-n-octyl phthalate	14.50	149	2485662	41.91	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.61	276	1651729	45.10	nq	99
87) Benzo(b)fluoranthene	14.90	252	3682434	69.48	nq	98
88) Benzo(k)fluoranthene	14.90	252	3682434	84.95	nq	# 98
89) Benzo(a)pyrene	15.23	252	1740707	38.72	nq	# 96
90) Dibenzo(a,h)anthracene	16.63	278	1338160	34.59	nq	96
91) Benzo(g,h,i)perylene	17.01	276	1343110	33.53	nq	# 95

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

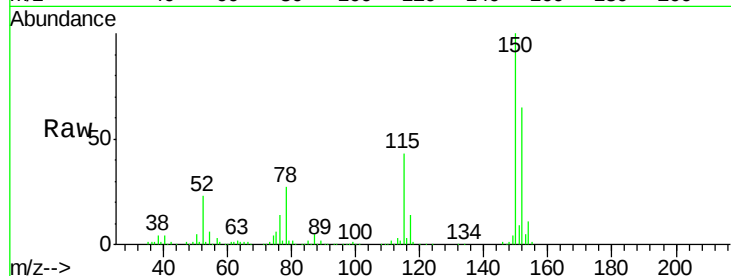


#1

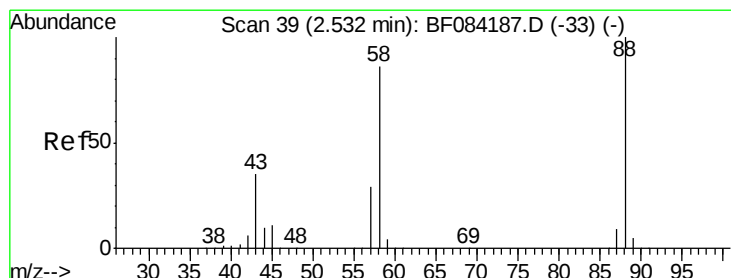
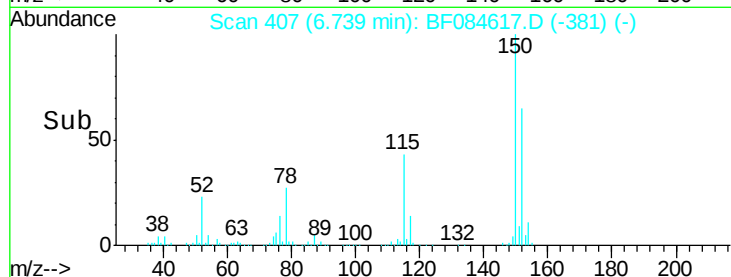
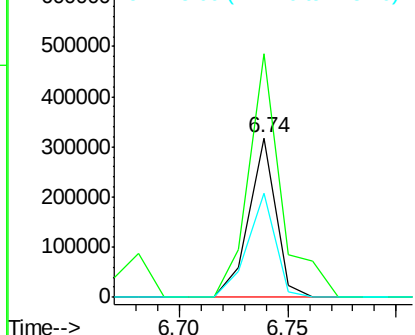
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.0	184.4
115	65.2	51.4	77.2



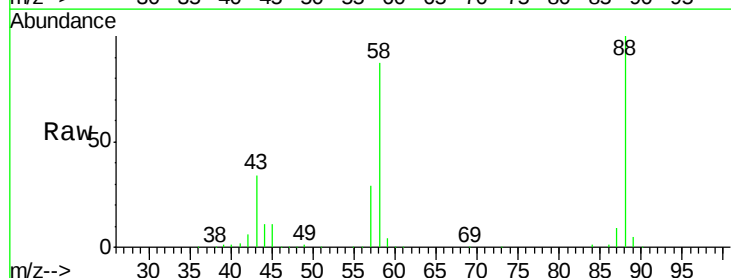
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



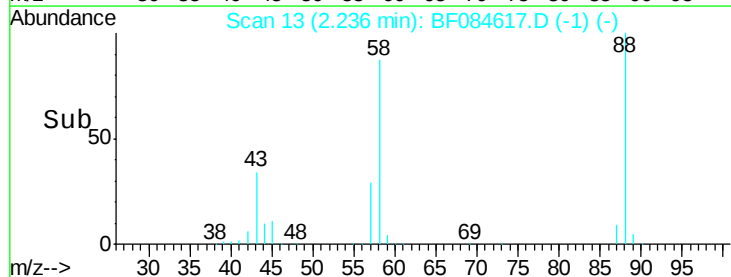
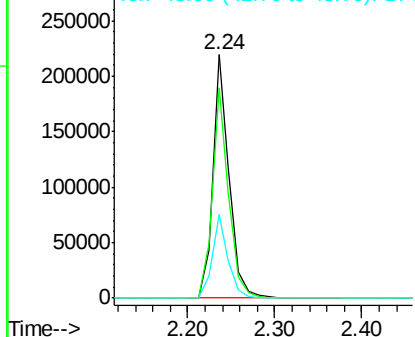
#2

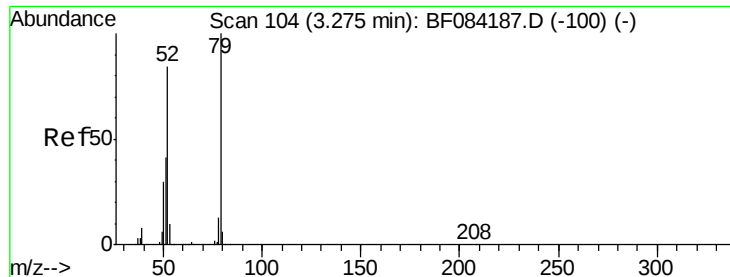
1,4-Dioxane
Concen: 35.51 ng
RT: 2.24 min Scan# 13
Delta R.T. -0.01 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.8	51.2	76.8#
43	33.2	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

Pvridine

Concen: 24.92 ng

RT: 2.92 min Scan# 73

Delta R.T. -0.01 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

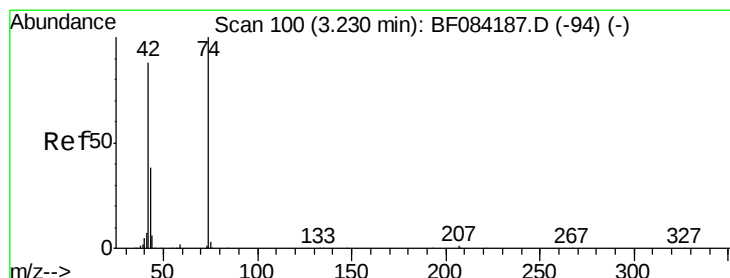
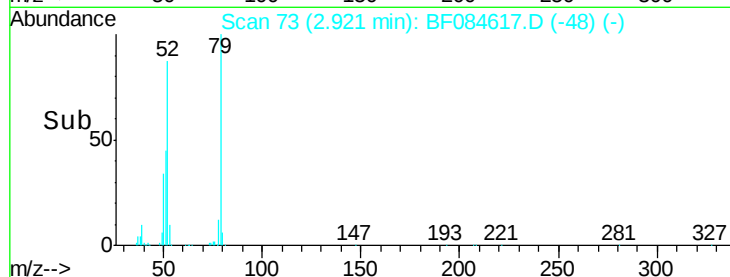
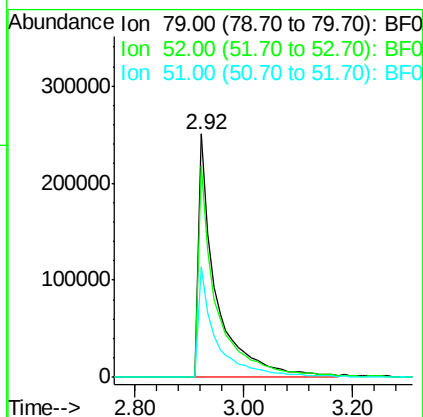
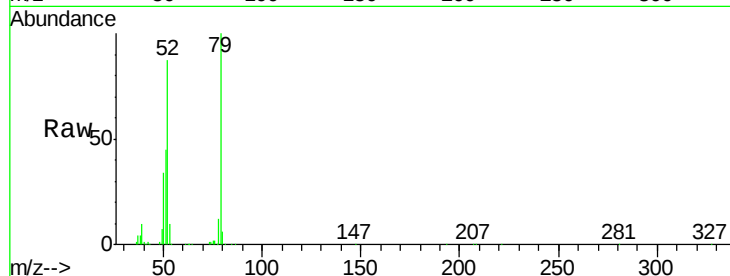
Tot Ion: 79 Resp: 559350

Ion Ratio Lower Upper

79 100

52 87.1 49.0 73.4#

51 45.5 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 31.29 ng

RT: 2.89 min Scan# 70

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

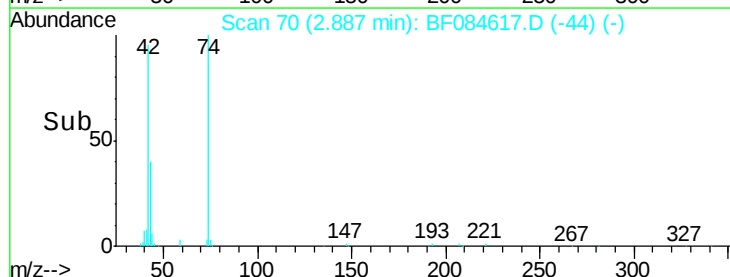
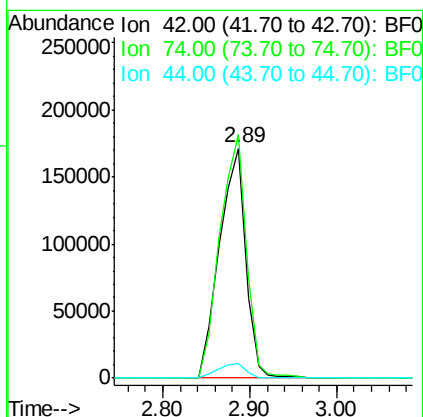
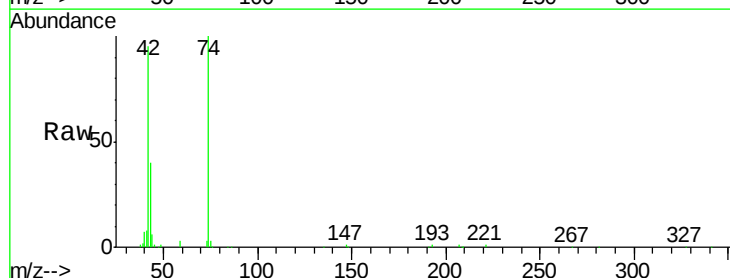
Tgt Ion: 42 Resp: 360588

Ion Ratio Lower Upper

42 100

74 105.8 115.7 173.5#

44 6.5 5.1 7.7





#5

2-Fluorophenol

Concen: 81.48 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

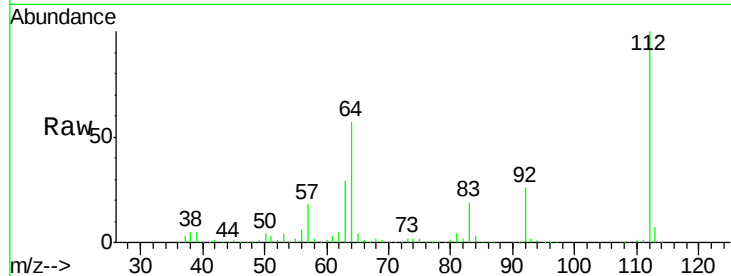
Tot Ion:112 Resp: 1384821

Ion Ratio Lower Upper

112 100

64 56.5 36.6 55.0#

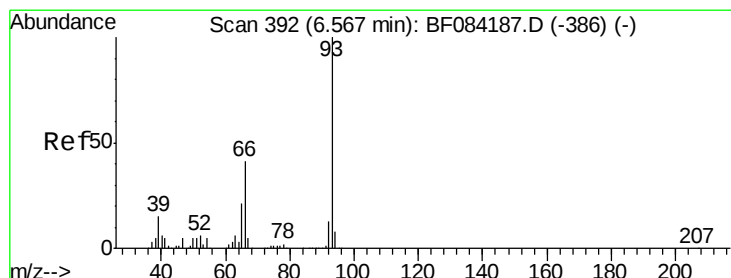
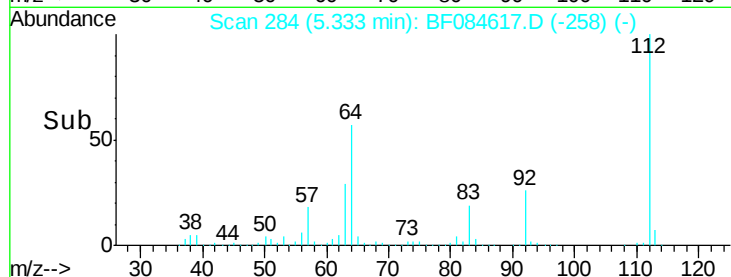
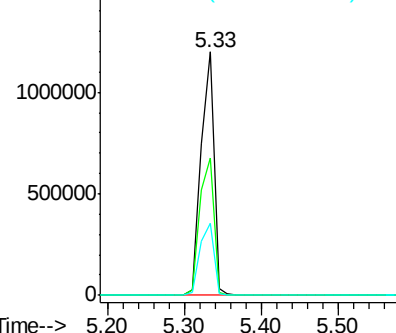
63 29.5 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.62 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

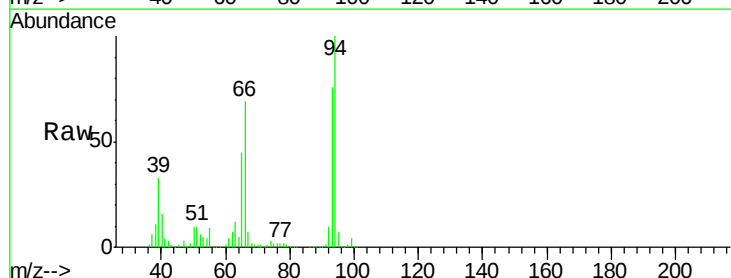
Tgt Ion: 93 Resp: 1080903

Ion Ratio Lower Upper

93 100

66 89.8 44.9 67.3#

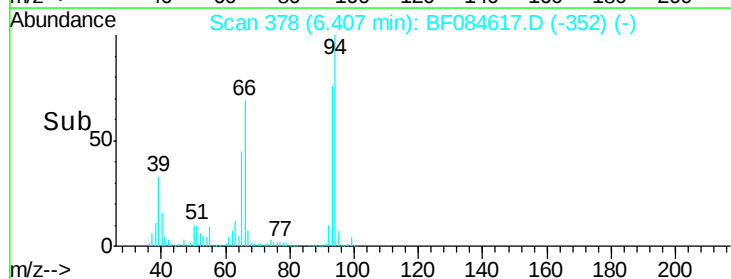
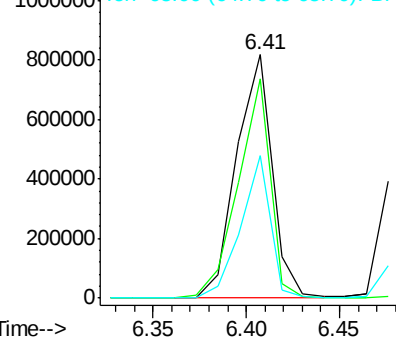
65 58.5 23.7 35.5#

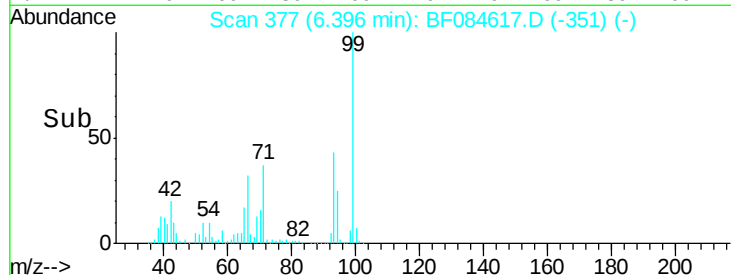
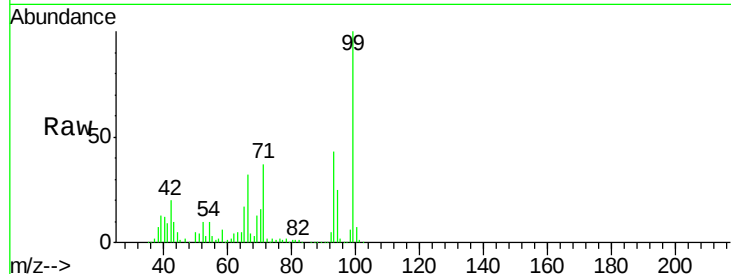


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.83 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

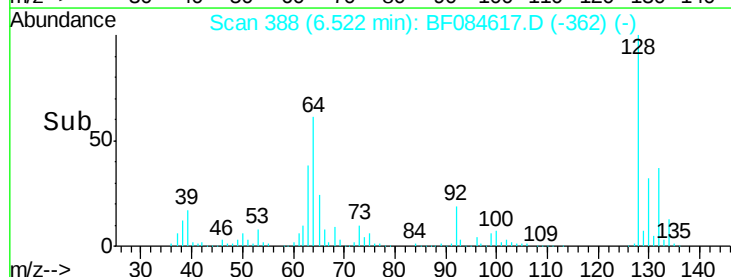
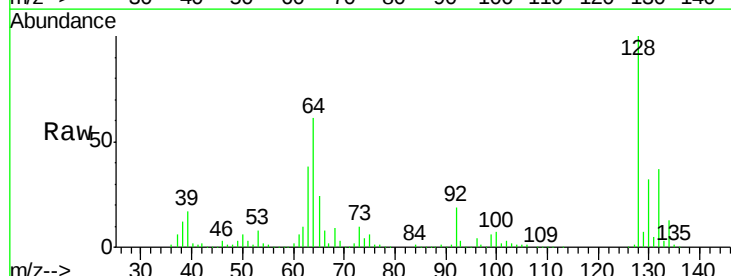
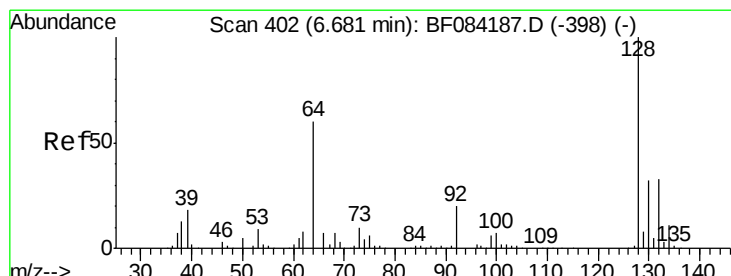
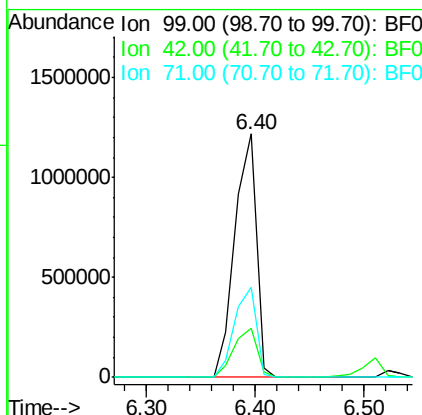
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1661363

Ion	Ratio	Lower	Upper
99	100		
42	20.0	12.8	19.2#
71	36.8	30.9	46.3



#8

2-Chlorophenol

Concen: 38.14 ng

RT: 6.52 min Scan# 388

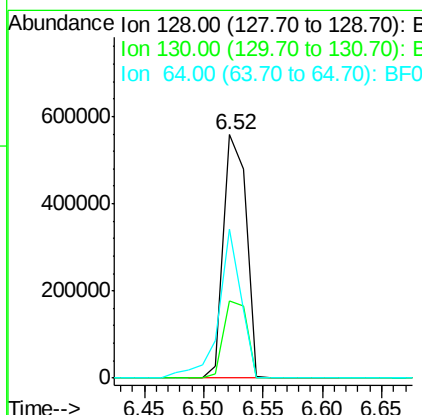
Delta R.T. 0.00 min

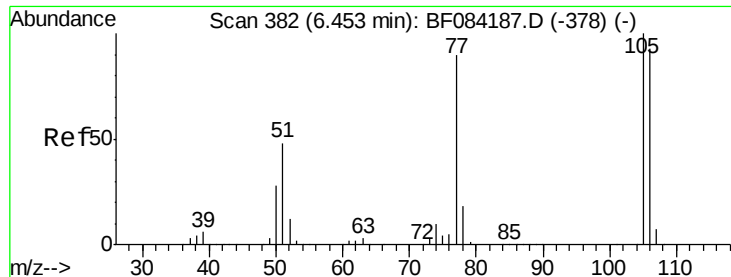
Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Tgt Ion: 128 Resp: 735441

Ion	Ratio	Lower	Upper
128	100		
130	31.6	11.6	51.6
64	61.2	23.8	63.8





#9

Benzaldehyde

Concen: 33.70 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

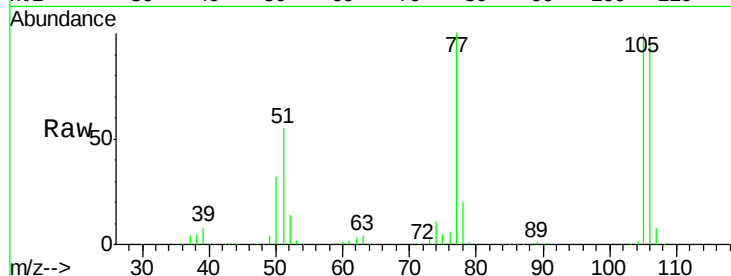
Tot Ion: 77 Resp: 468432

Ion Ratio Lower Upper

77 100

105 99.8 83.0 123.0

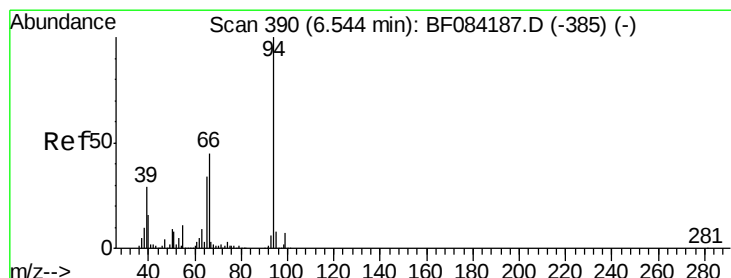
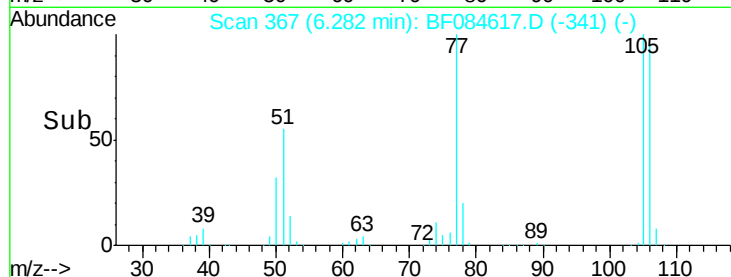
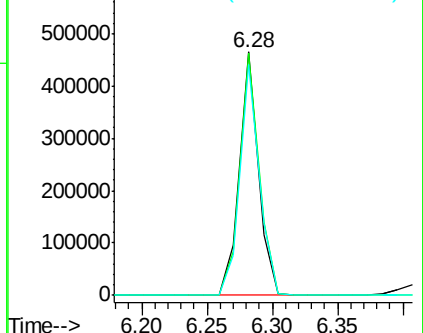
106 94.6 74.6 114.6



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: 41.15 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

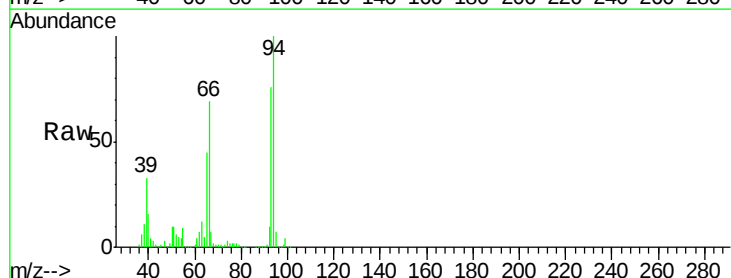
Tgt Ion: 94 Resp: 998713

Ion Ratio Lower Upper

94 100

65 44.7 12.9 52.9

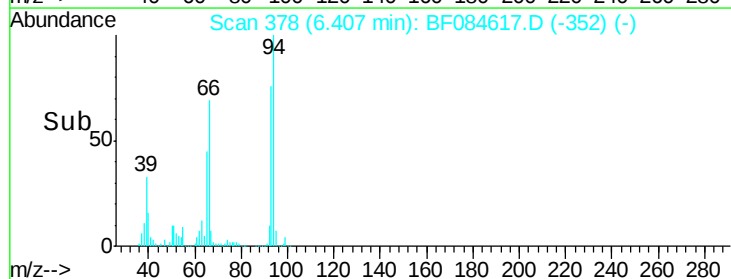
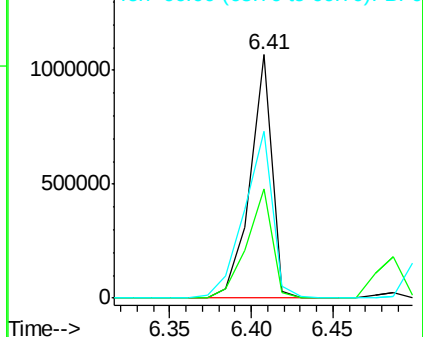
66 68.6 32.7 72.7



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: 41.48 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampled :

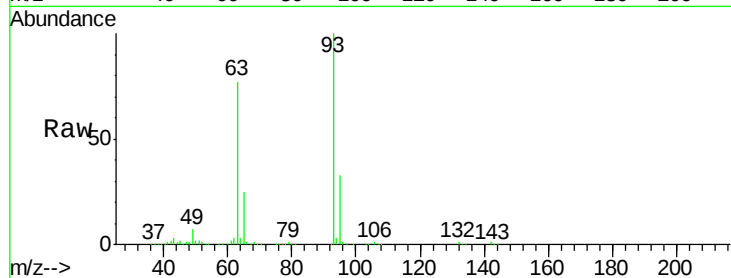
Tot Ion: 93 Resp: 779803

Ion Ratio Lower Upper

93 100

63 76.6 45.9 85.9

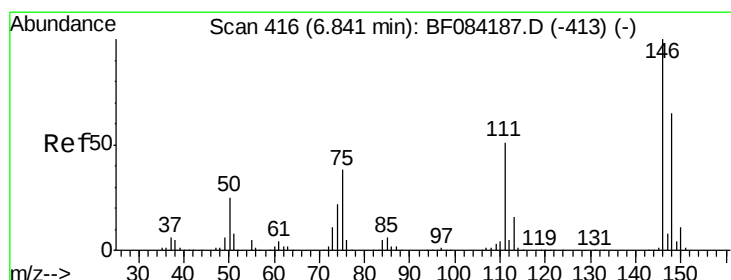
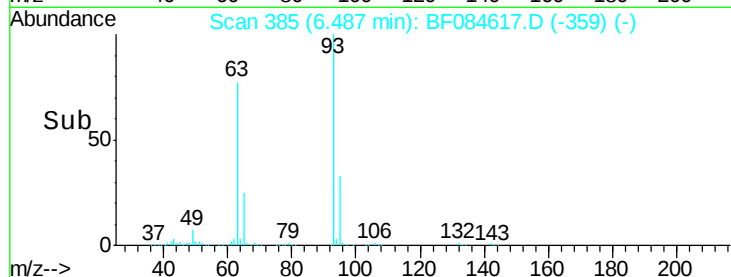
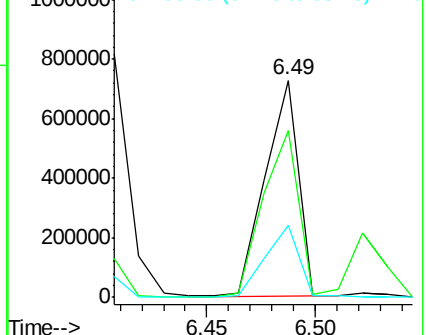
95 33.4 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.74 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

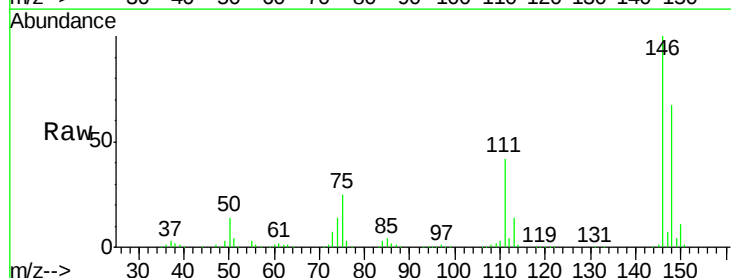
Tgt Ion: 146 Resp: 810383

Ion Ratio Lower Upper

146 100

148 66.5 51.9 77.9

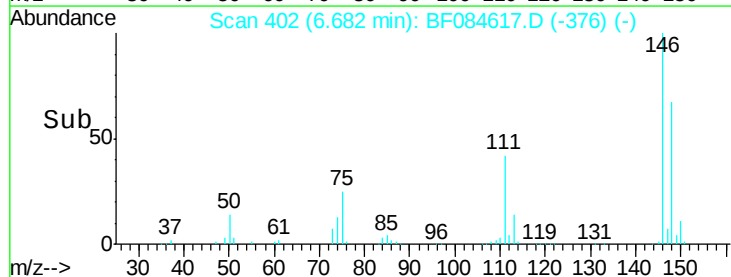
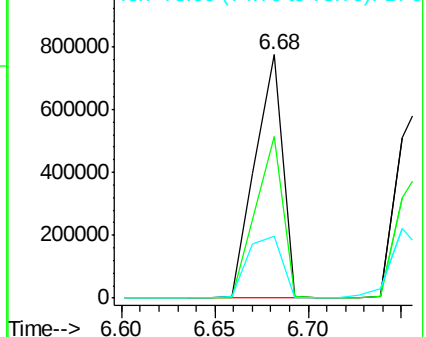
75 25.5 20.5 30.7

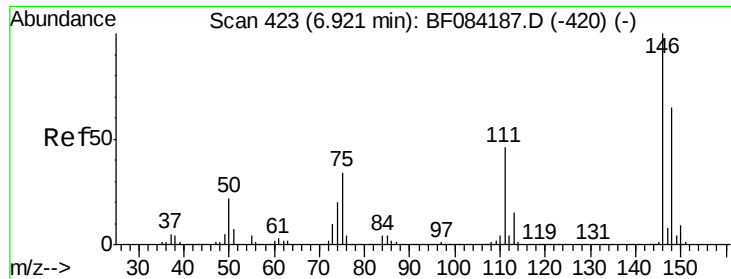


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

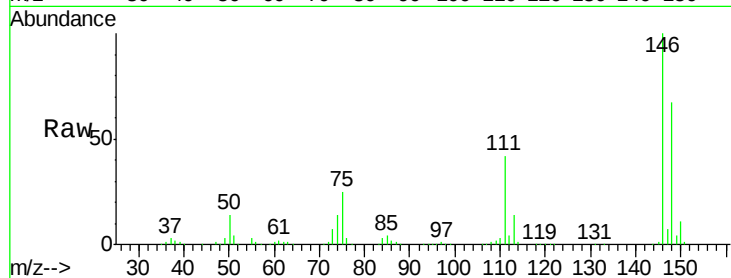




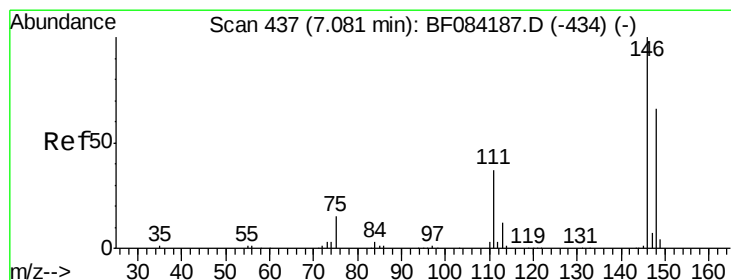
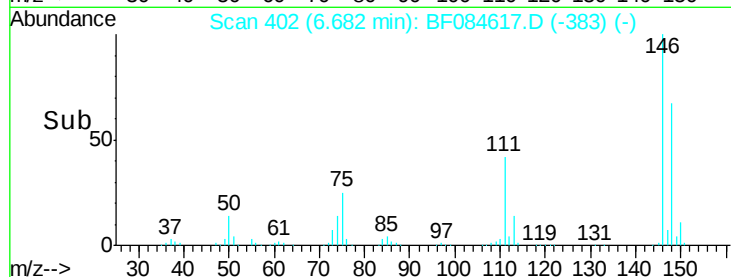
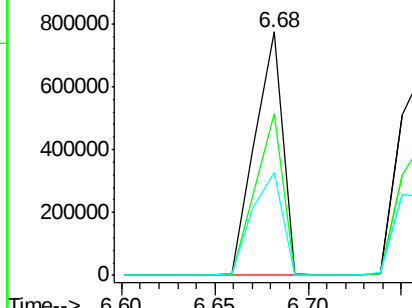
#13
 1,4-Dichlorobenzene
 Concen: 40.63 ng
 RT: 6.68 min Scan# 402
 Delta R.T. -0.08 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 810383
 Ion Ratio Lower Upper
 146 100
 148 66.5 51.9 77.9
 111 42.2 41.6 62.4

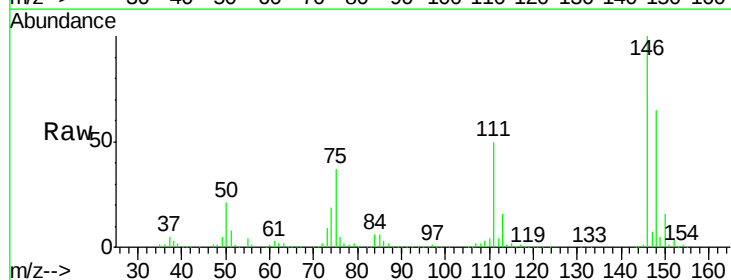


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

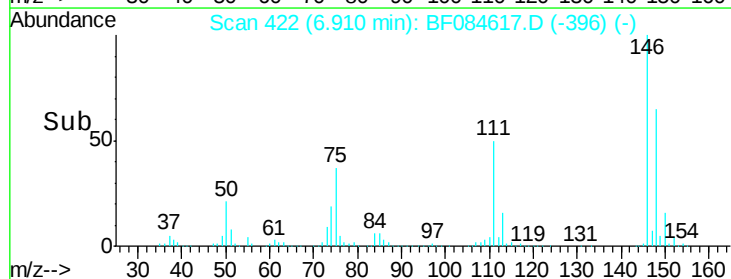
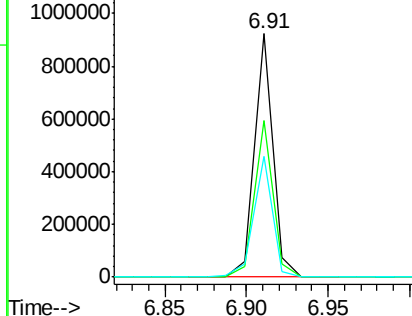


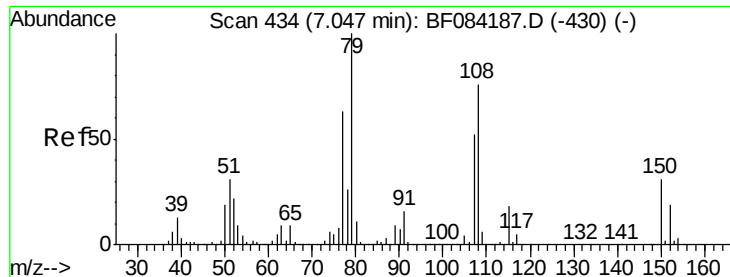
#14
 1,2-Dichlorobenzene
 Concen: 38.04 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

Tgt Ion:146 Resp: 726615
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.6 77.4
 111 49.8 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: 38.96 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

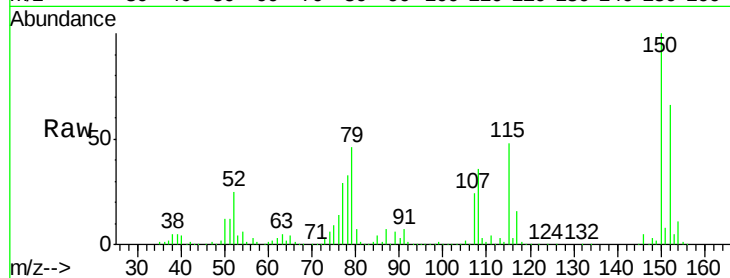
Tot Ion: 79 Resp: 699505

Ion Ratio Lower Upper

79 100

108 77.6 69.0 103.4

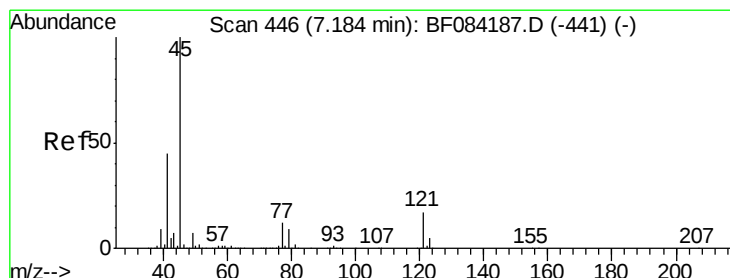
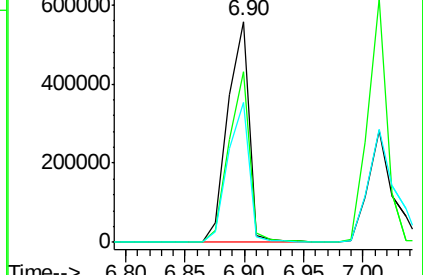
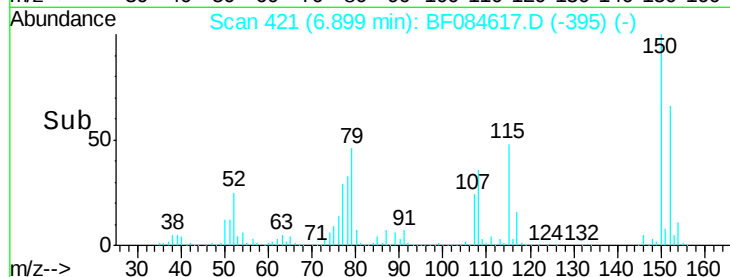
77 63.2 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.99 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

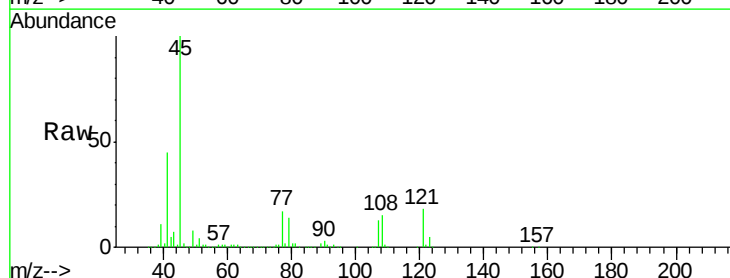
Tgt Ion: 45 Resp: 1163650

Ion Ratio Lower Upper

45 100

77 16.7 0.0 39.6

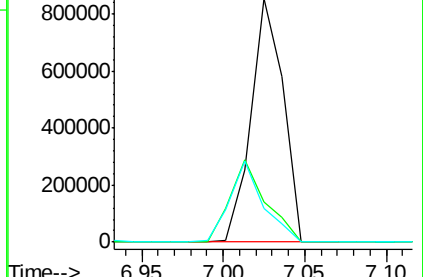
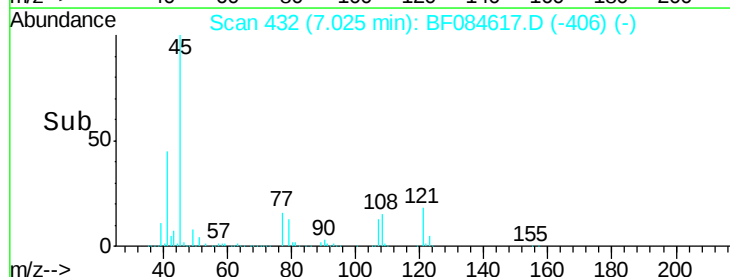
79 13.7 0.0 35.0

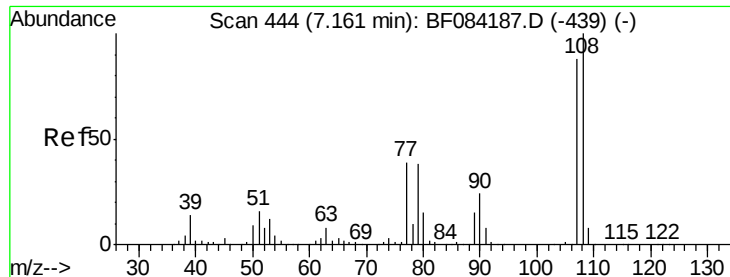


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

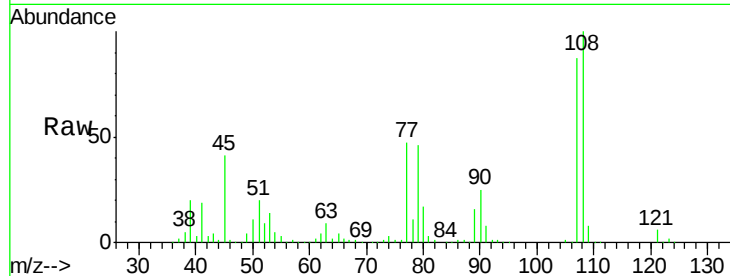




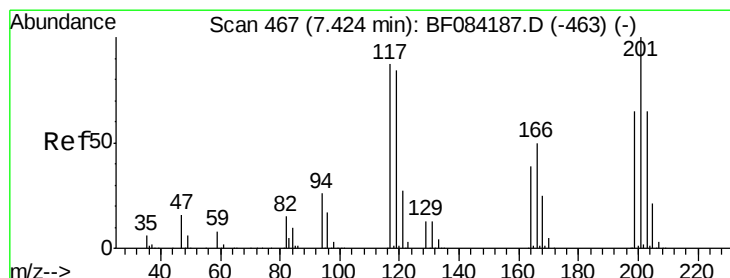
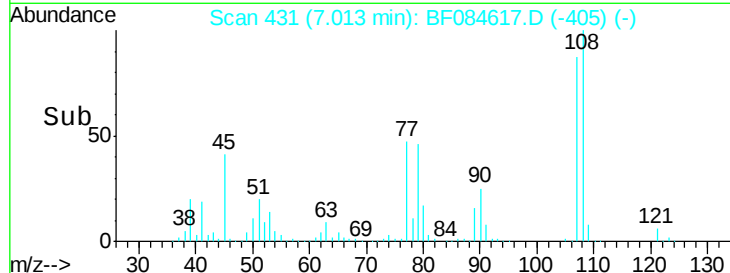
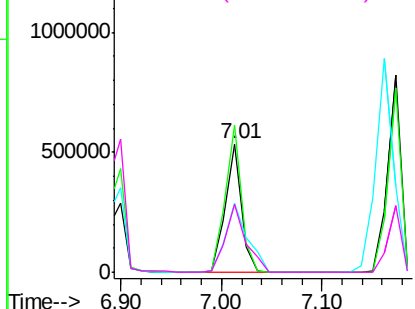
#17
2-Methylphenol
Concen: 36.99 ng
RT: 7.01 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 597734
Ion Ratio Lower Upper
107 100
108 114.8 89.8 134.6
77 53.6 35.7 53.5#
79 52.8 35.7 53.5

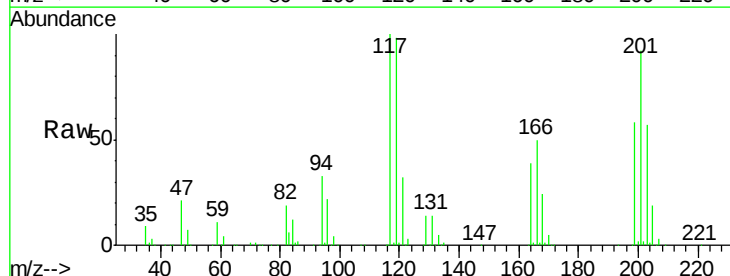


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

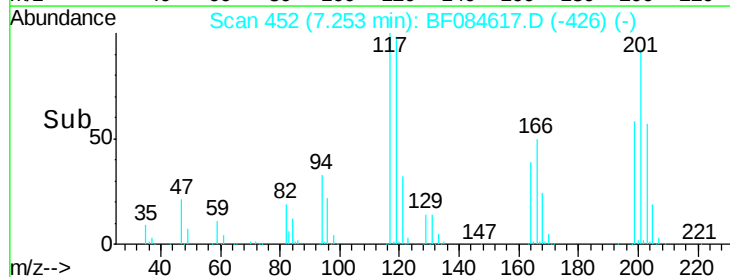
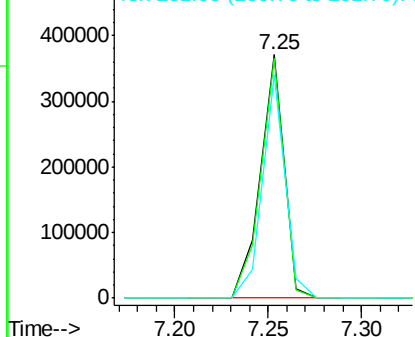


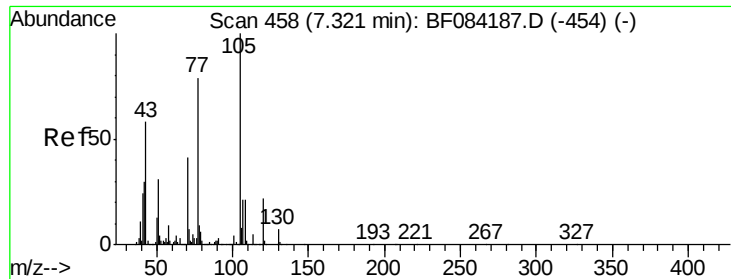
#18
Hexachloroethane
Concen: 40.68 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion:117 Resp: 324464
Ion Ratio Lower Upper
117 100
119 98.3 77.4 116.0
201 91.7 68.6 103.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

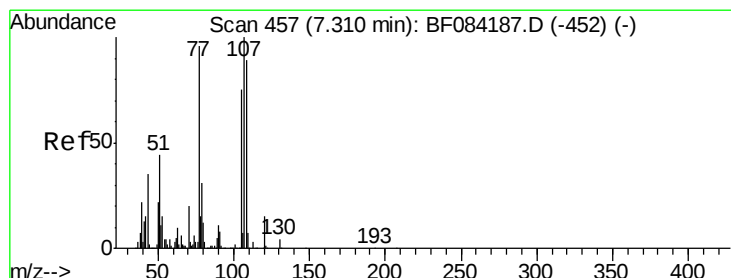
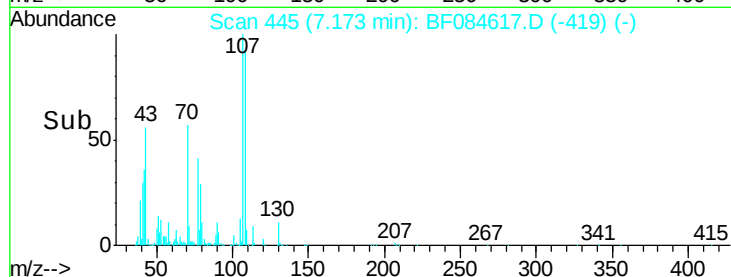
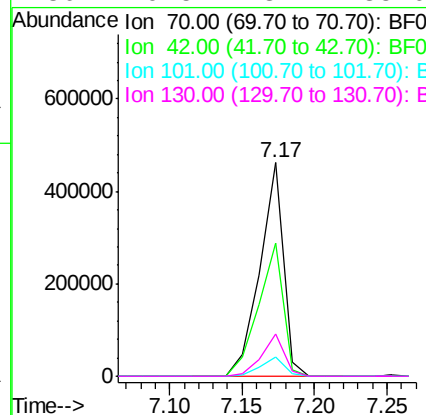
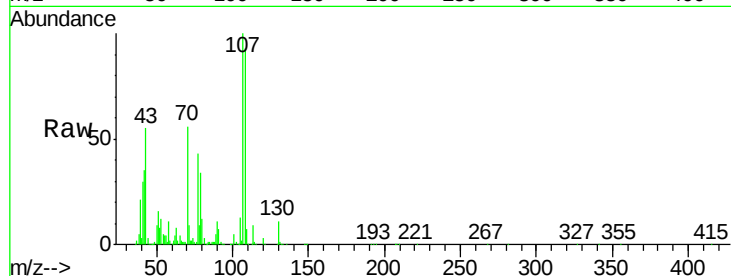




#19
n-Nitroso-di-n-propylamine
Concen: 36.15 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

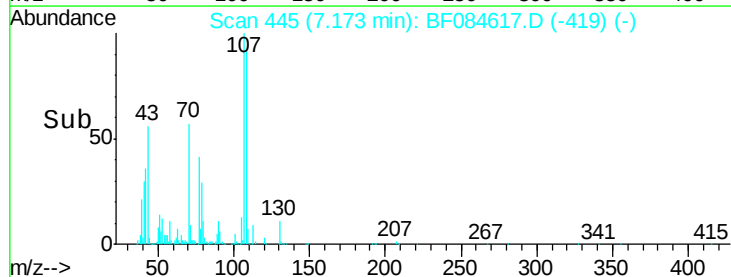
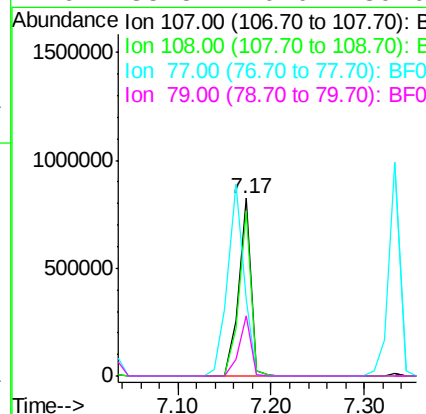
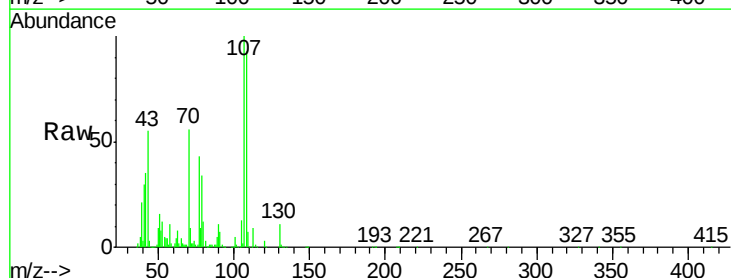
Instrument :
BNA_F
ClientSampleId :

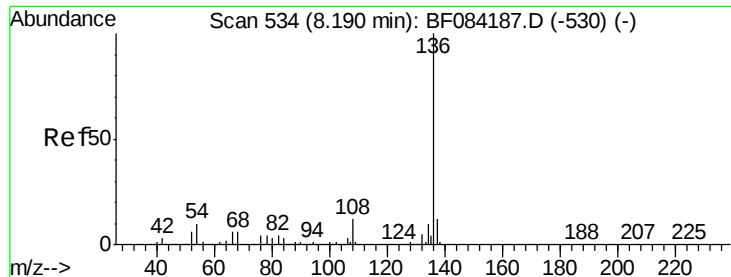
Tot Ion: 70 Resp: 522405
Ion Ratio Lower Upper
70 100
42 62.2 33.3 49.9#
101 9.3 9.3 13.9#
130 19.5 23.4 35.0#



#20
3+4-Methylphenols
Concen: 40.15 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion: 107 Resp: 762706
Ion Ratio Lower Upper
107 100
108 93.1 74.6 114.6
77 43.3 0.7 40.7#
79 33.8 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1164885

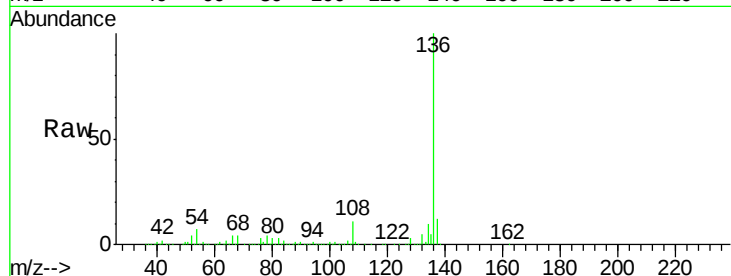
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	7.5	5.8	8.8
68	4.2	4.2	6.2

136 100

137 11.5 8.7 13.1

54 7.5 5.8 8.8

68 4.2 4.2 6.2

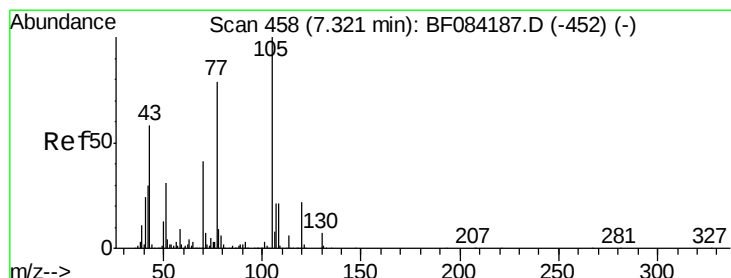
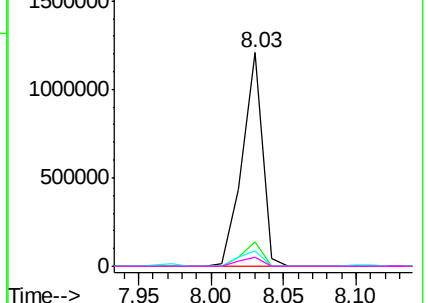
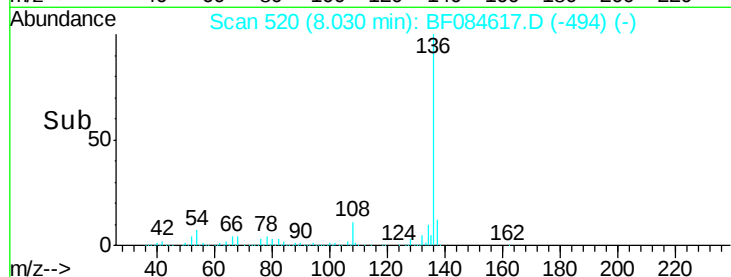


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.11 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Tgt Ion:105 Resp: 1067450

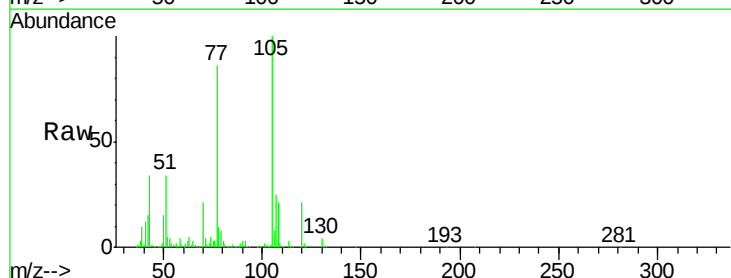
Ion	Ratio	Lower	Upper
105	100		
71	3.5	3.7	5.5#
51	34.3	25.1	37.7
120	21.1	16.6	25.0

105 100

71 3.5 3.7 5.5#

51 34.3 25.1 37.7

120 21.1 16.6 25.0

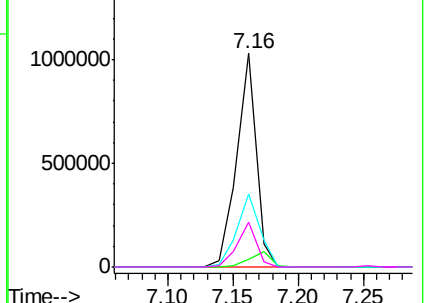
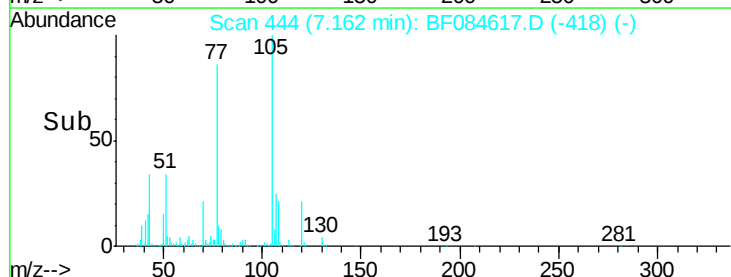


Abundance Ion 105.00 (104.70 to 105.70): E

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

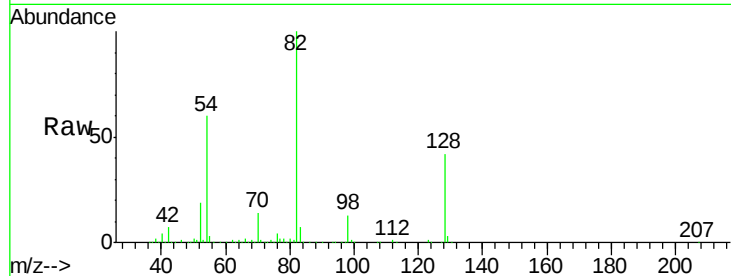




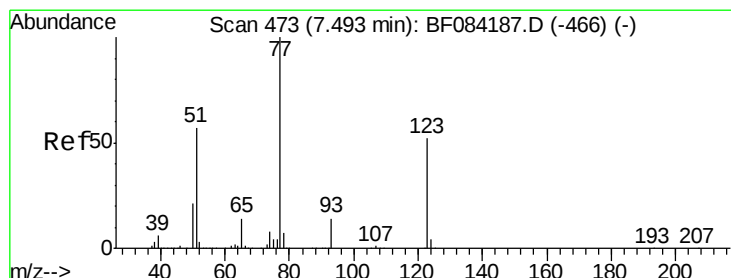
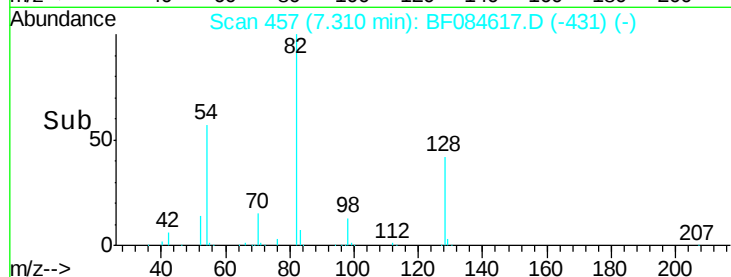
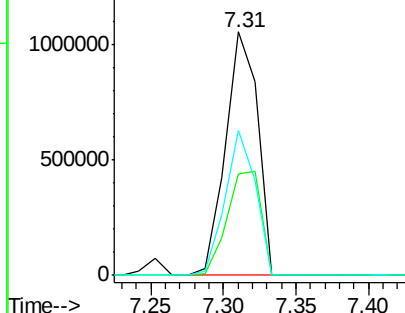
#23
 Nitrobenzene-d5
 Concen: 76.84 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1608401
 Ion Ratio Lower Upper
 82 100
 128 41.6 34.6 51.8
 54 59.6 38.4 57.6#

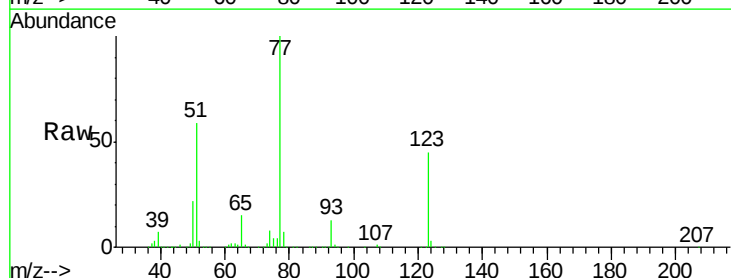


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

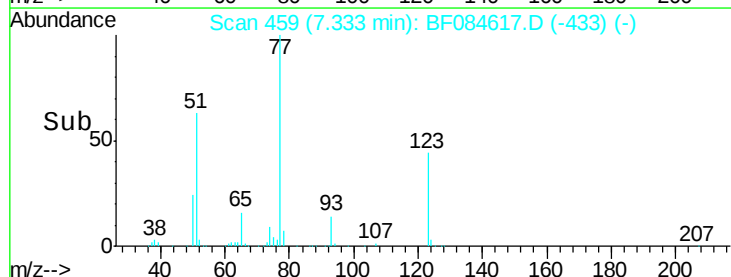
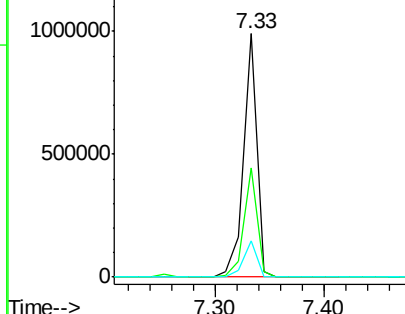


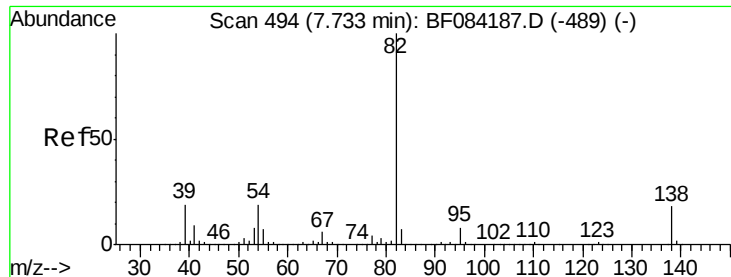
#24
 Nitrobenzene
 Concen: 38.82 ng
 RT: 7.33 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

Tgt Ion: 77 Resp: 824099
 Ion Ratio Lower Upper
 77 100
 123 45.1 37.4 56.2
 65 15.0 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: 38.72 ng

RT: 7.57 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampled :

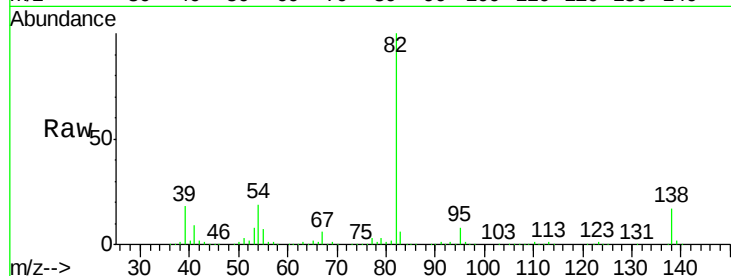
Tot Ion: 82 Resp: 1550075

Ion Ratio Lower Upper

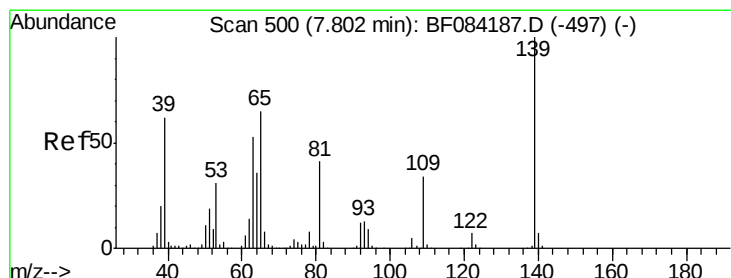
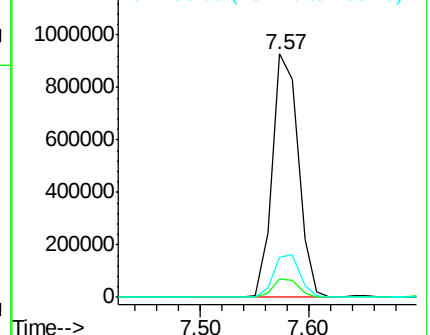
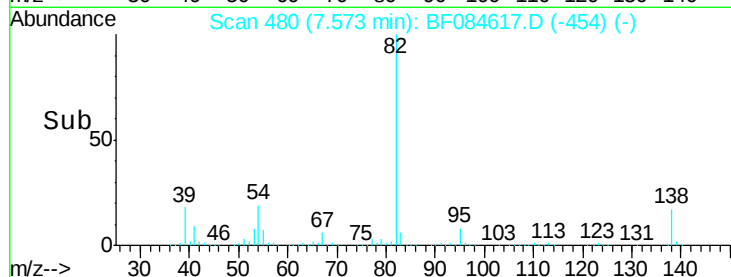
82 100

95 7.6 6.6 10.0

138 16.6 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: 43.23 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

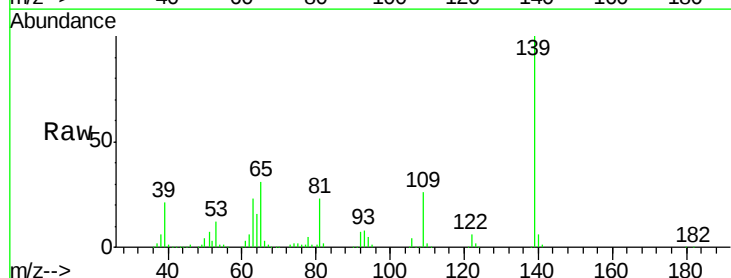
Tgt Ion: 139 Resp: 417695

Ion Ratio Lower Upper

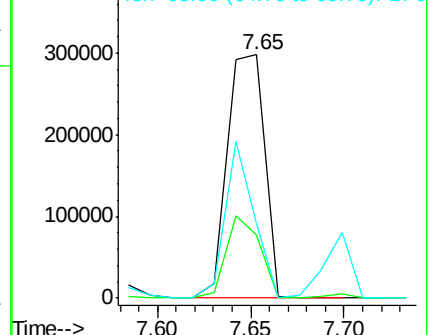
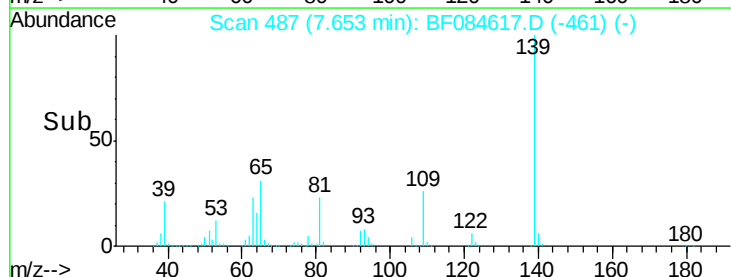
139 100

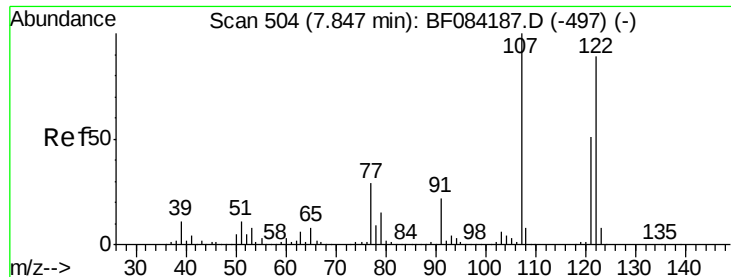
109 25.7 25.4 38.2

65 30.8 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: 37.43 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampled :

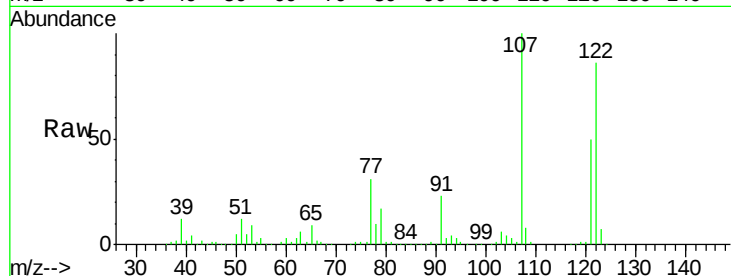
Tot Ion:122 Resp: 731950

Ion Ratio Lower Upper

122 100

107 116.9 99.1 148.7

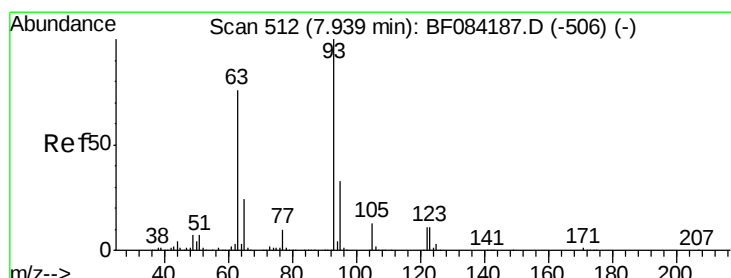
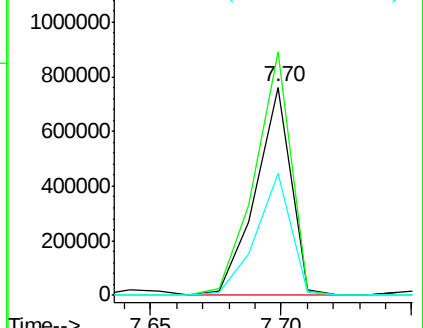
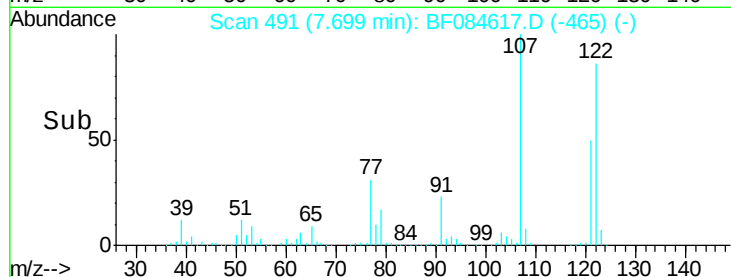
121 58.7 47.9 71.9



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: 39.28 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

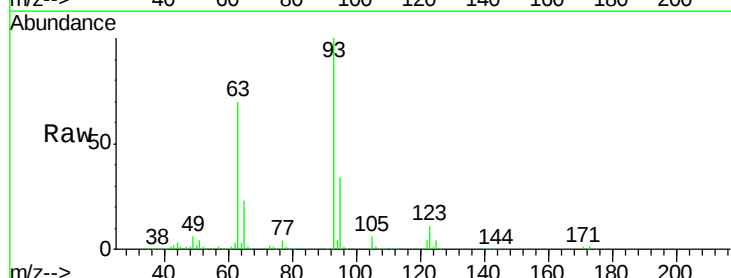
Tgt Ion: 93 Resp: 960405

Ion Ratio Lower Upper

93 100

95 33.7 25.8 38.6

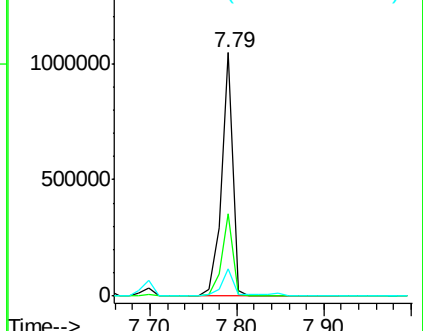
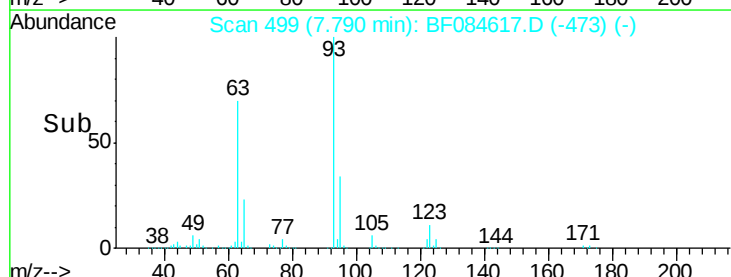
123 11.0 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.19 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

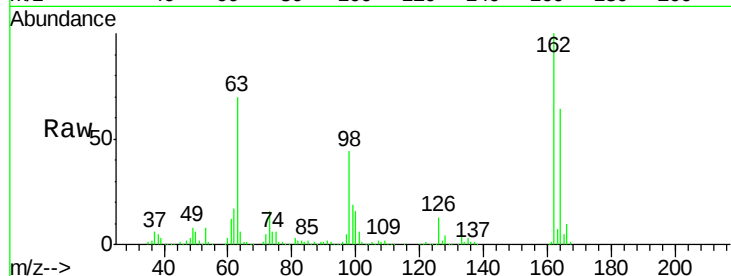
Tot Ion:162 Resp: 605815

Ion Ratio Lower Upper

162 100

164 64.0 44.1 84.1

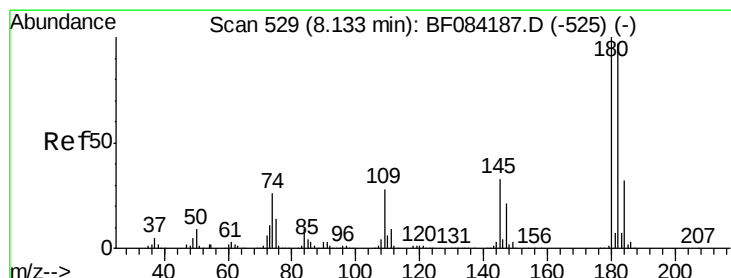
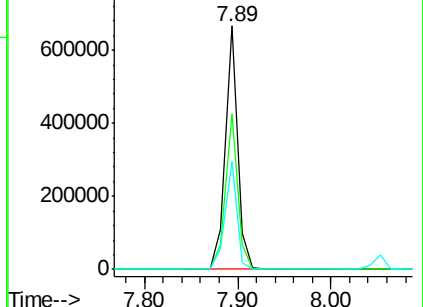
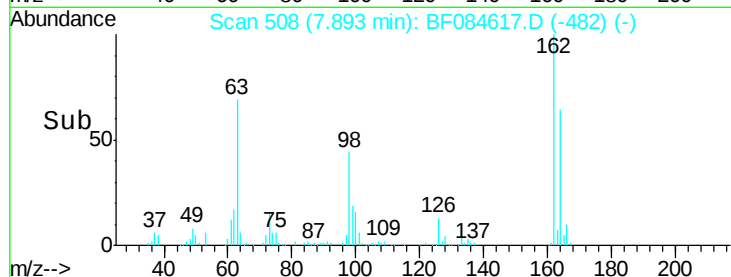
98 44.2 20.2 60.2



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: 40.38 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

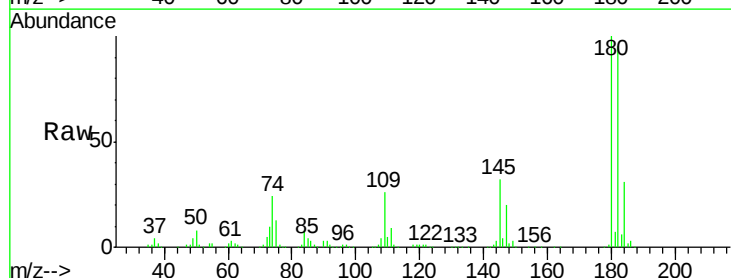
Tgt Ion:180 Resp: 679079

Ion Ratio Lower Upper

180 100

182 95.4 76.4 114.6

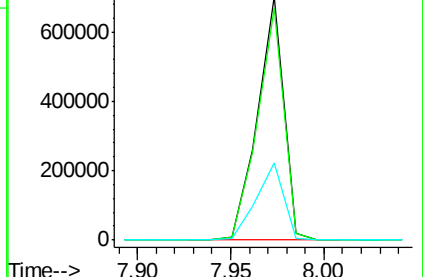
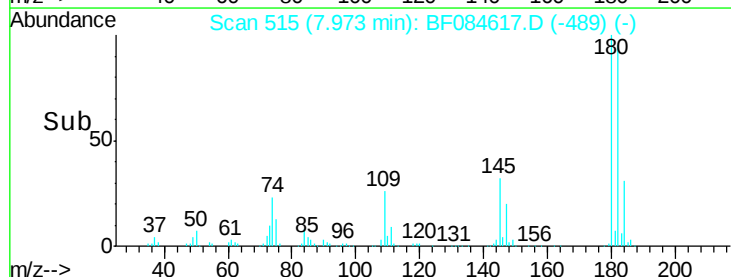
145 31.9 31.6 47.4

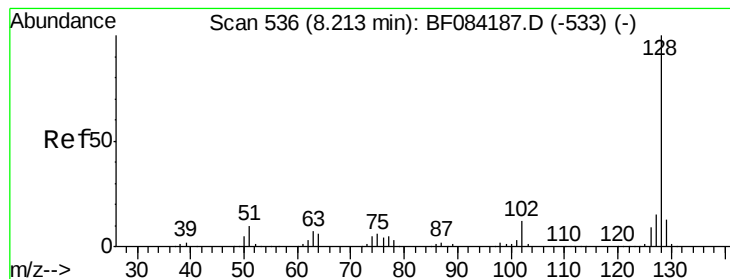


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.13 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

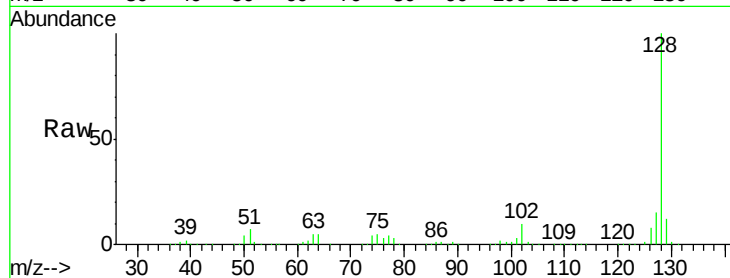
Tot Ion:128 Resp: 2226369

Ion Ratio Lower Upper

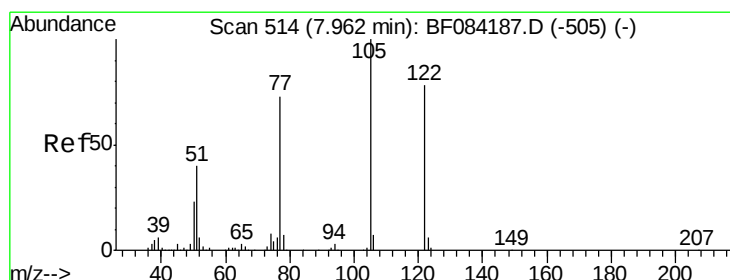
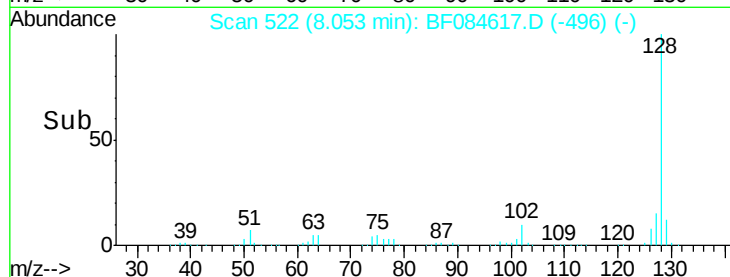
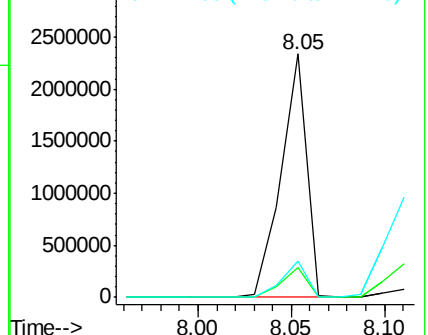
128 100

129 12.0 9.1 13.7

127 14.7 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: 40.69 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

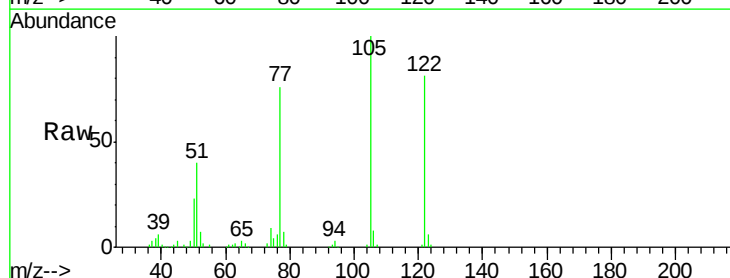
Tgt Ion:122 Resp: 498173

Ion Ratio Lower Upper

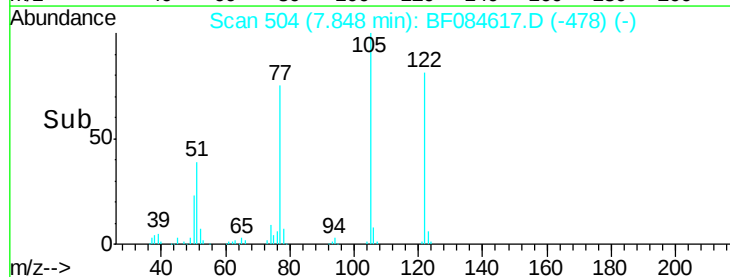
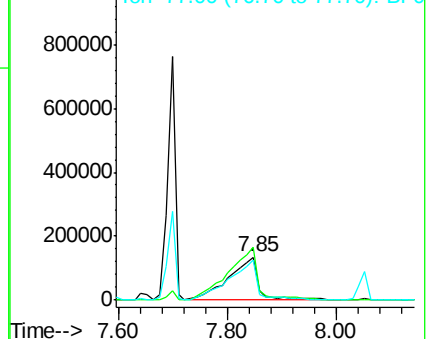
122 100

105 122.8 100.3 140.3

77 92.8 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

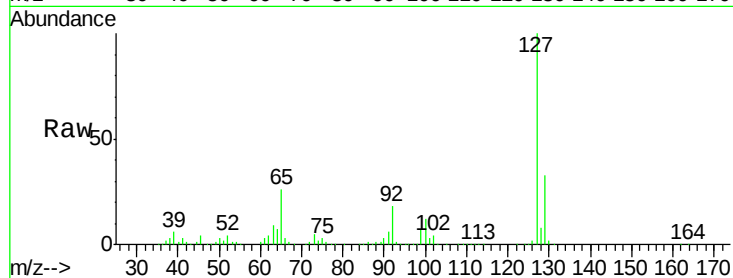




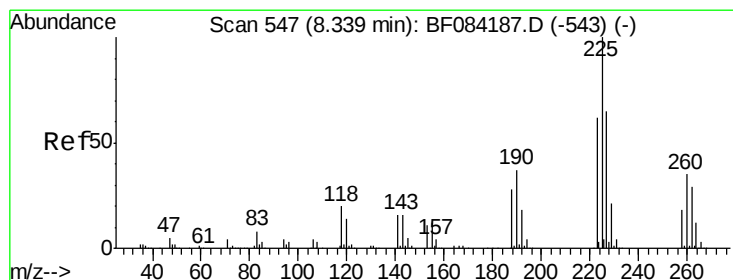
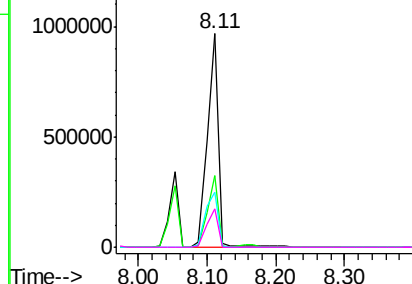
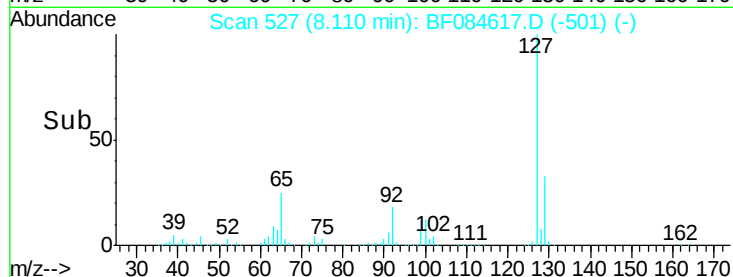
#33
4-Chloroaniline
Concen: 43.63 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:127 Resp: 1057166
Ion Ratio Lower Upper
127 100
129 33.4 26.5 39.7
65 25.5 27.2 40.8#
92 17.8 17.7 26.5

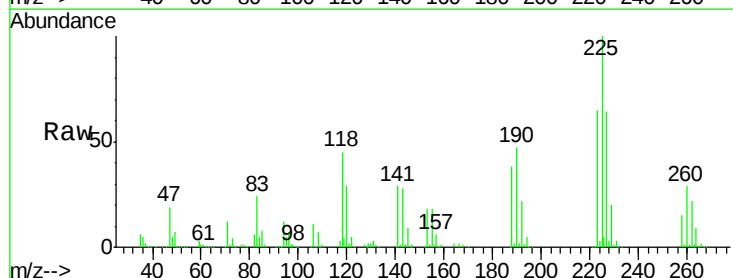


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

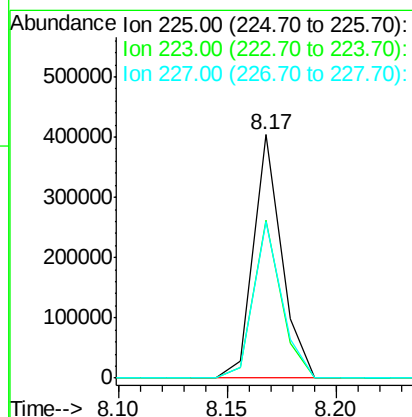
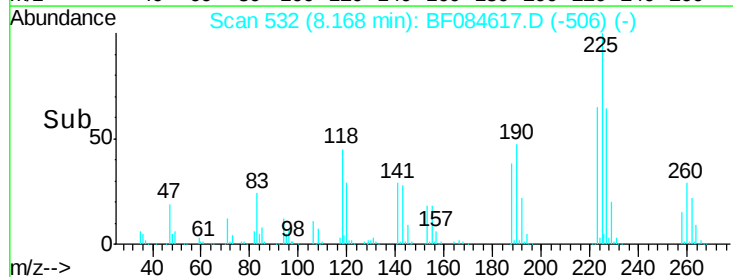


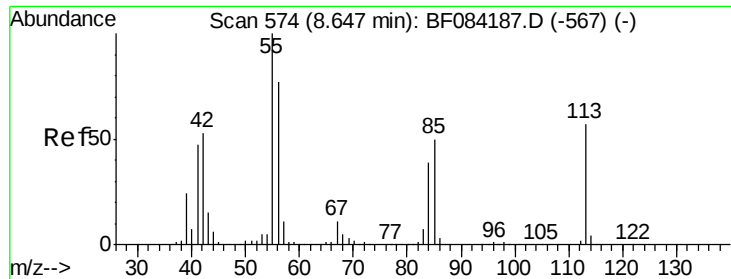
#34
Hexachlorobutadiene
Concen: 37.57 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion:225 Resp: 363217
Ion Ratio Lower Upper
225 100
223 64.8 49.4 74.0
227 64.1 50.8 76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 45.28 ng

RT: 8.51 min Scan# 562

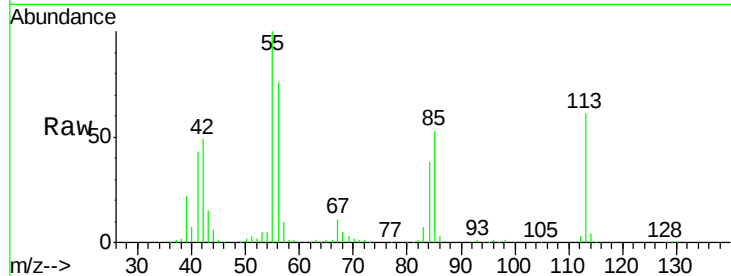
Delta R.T. 0.01 min

Lab File: BF084617.D

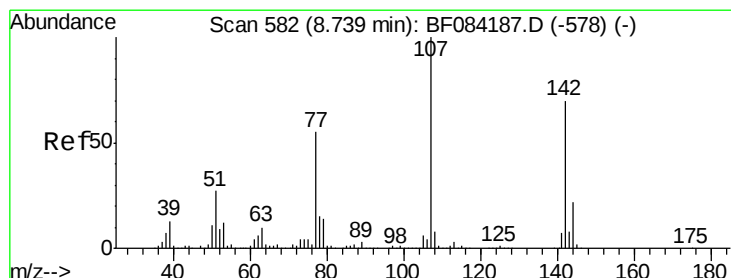
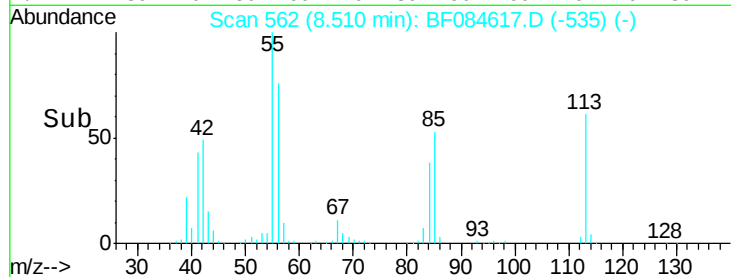
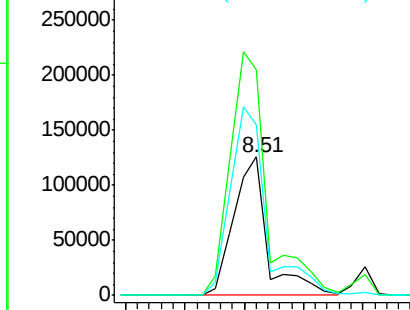
Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 248647
Ion Ratio Lower Upper
113 100
55 163.5 116.9 156.9#
56 124.0 93.8 133.8



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.48 ng

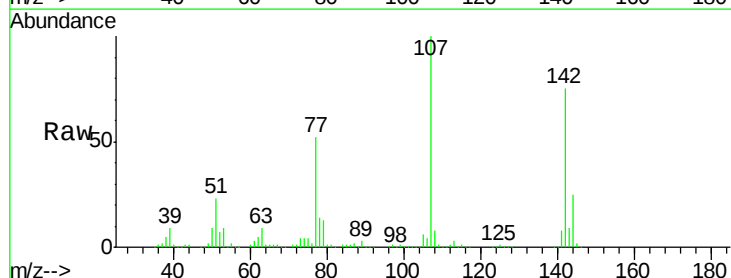
RT: 8.60 min Scan# 570

Delta R.T. 0.00 min

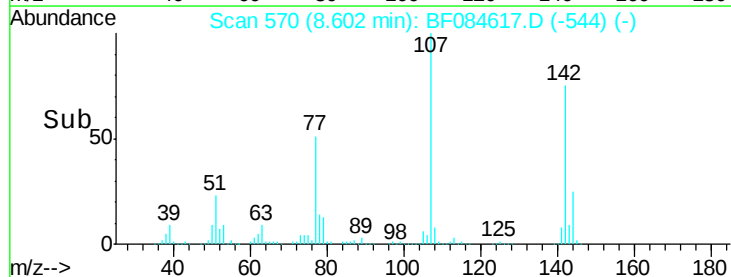
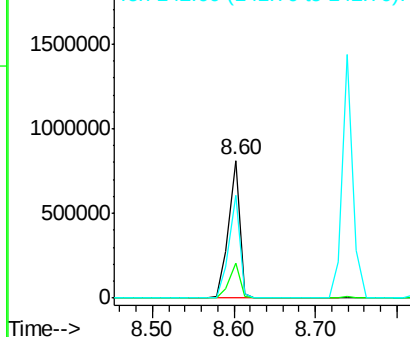
Lab File: BF084617.D

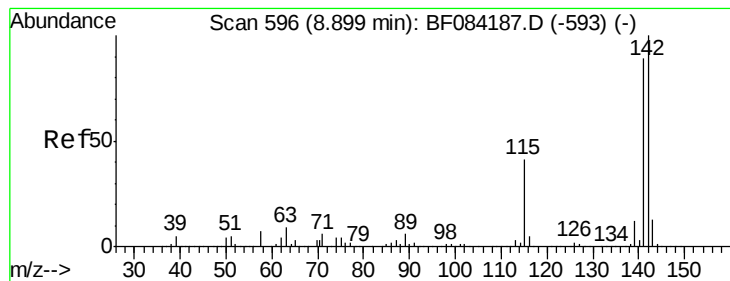
Acq: 27 Jan 2016 9:16

Tgt Ion:107 Resp: 775092
Ion Ratio Lower Upper
107 100
144 25.3 19.7 29.5
142 74.7 61.8 92.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.01 ng

RT: 8.74 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

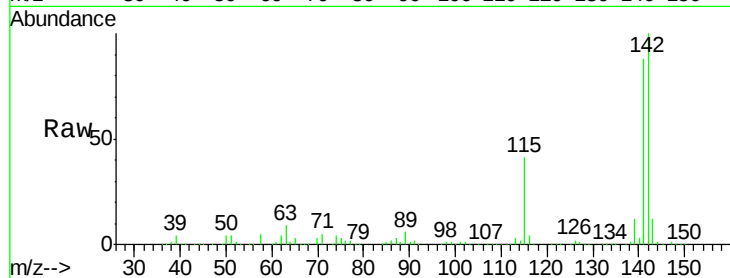
Tot Ion:142 Resp: 1328229

Ion Ratio Lower Upper

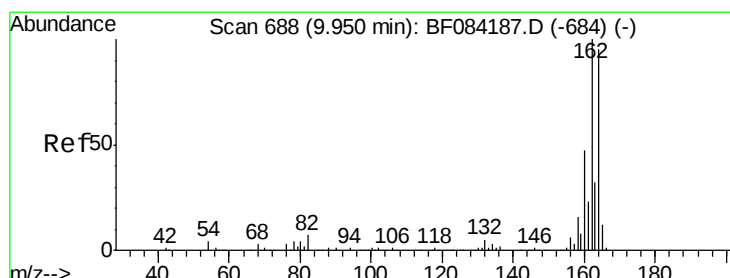
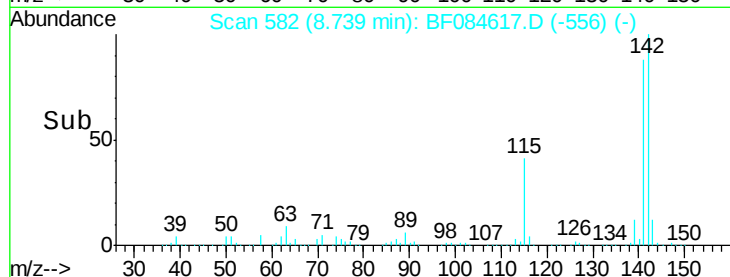
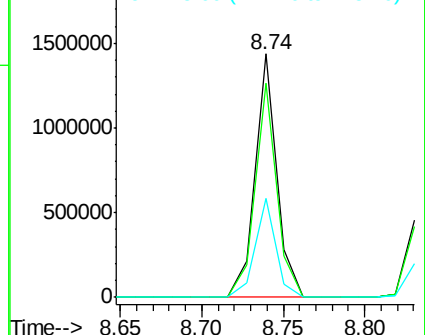
142 100

141 88.0 72.4 108.6

115 40.7 27.9 41.9



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

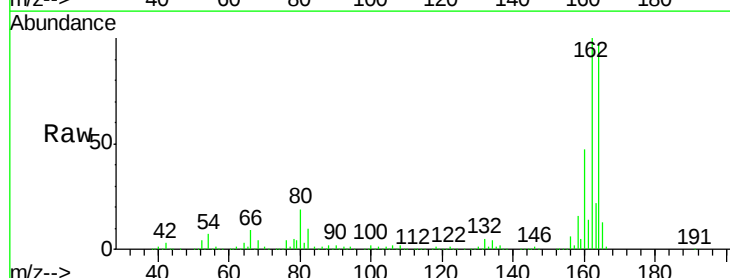
Tgt Ion:164 Resp: 547335

Ion Ratio Lower Upper

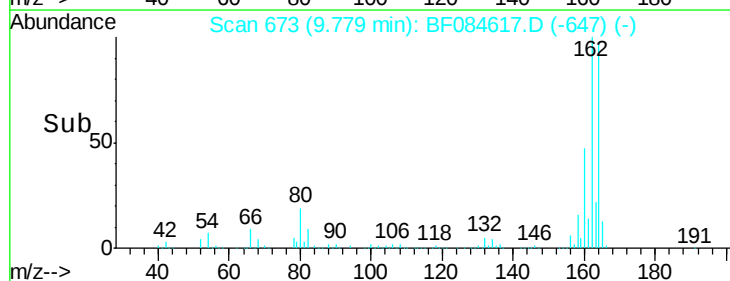
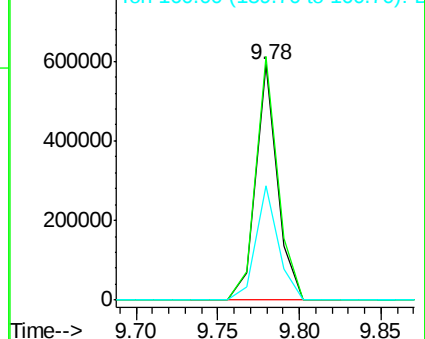
164 100

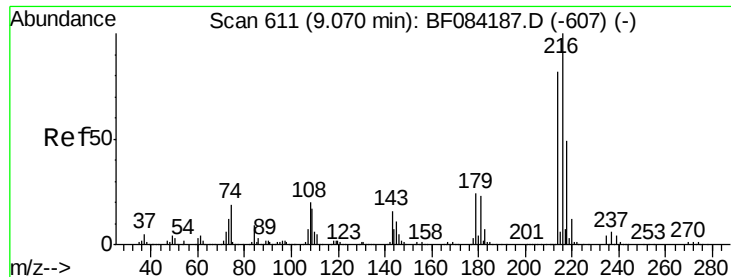
162 103.4 85.1 127.7

160 48.5 37.5 56.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.99 ng

RT: 8.91 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 676381

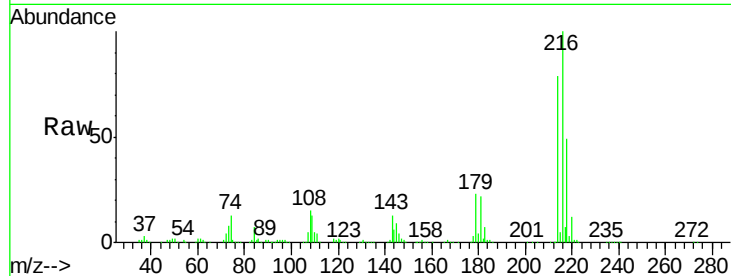
Ion Ratio Lower Upper

216 100

214 79.8 64.2 96.2

179 24.0 18.7 28.1

108 20.4 16.8 25.2

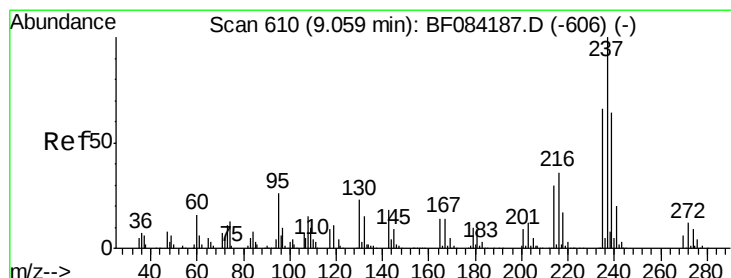
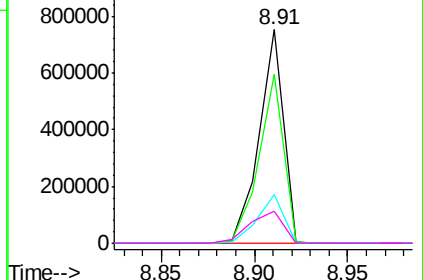
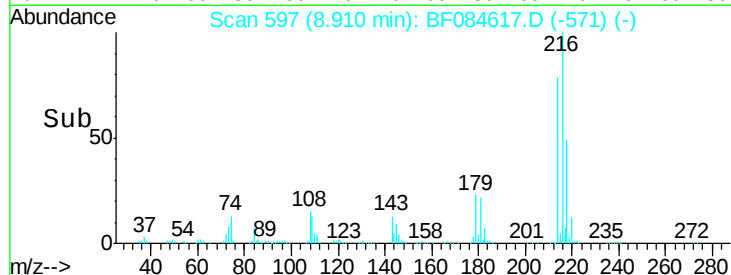


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 37.66 ng

RT: 8.90 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

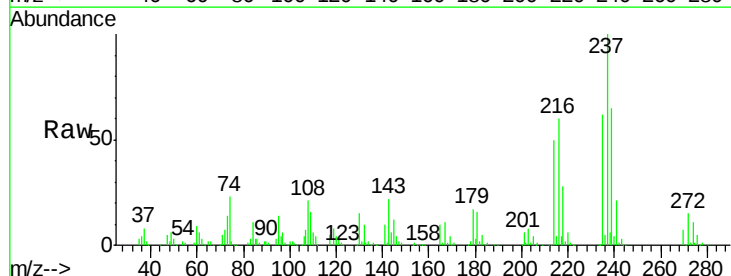
Tgt Ion:237 Resp: 357690

Ion Ratio Lower Upper

237 100

235 62.3 43.1 83.1

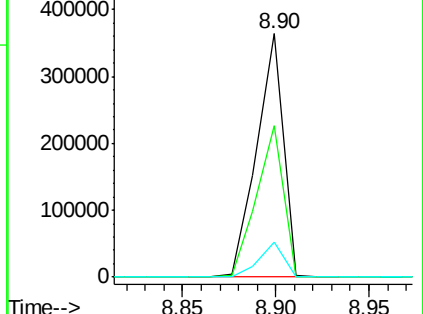
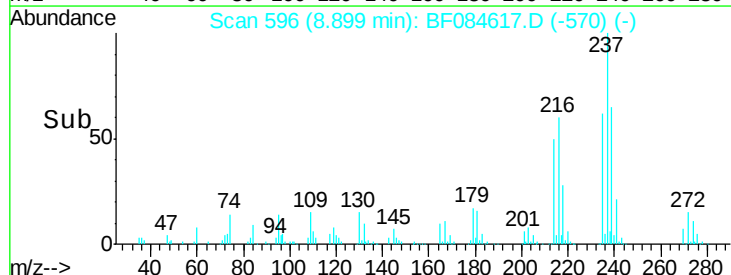
272 14.5 0.0 35.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

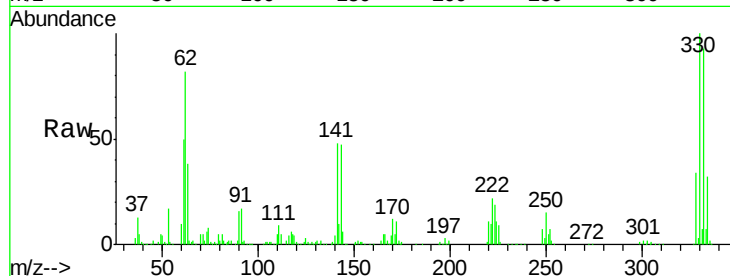




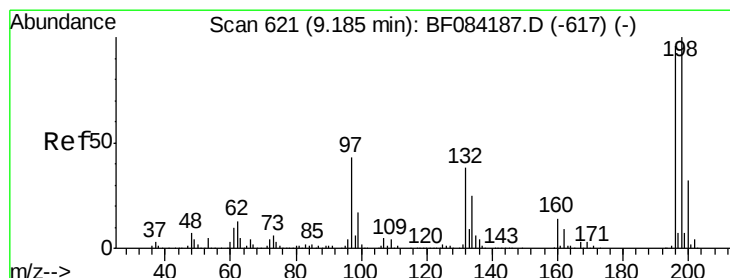
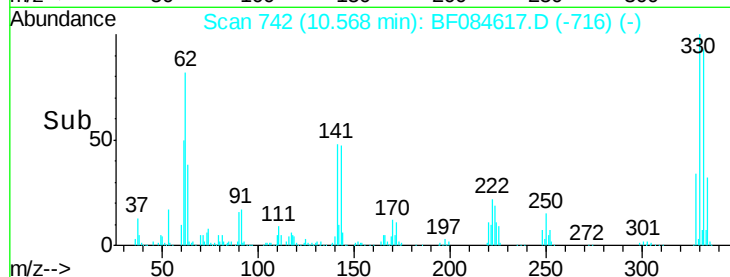
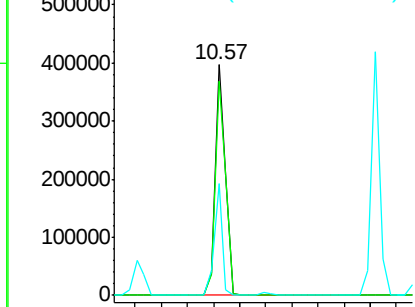
#41
 2,4,6-Tribromophenol
 Concen: 81.17 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 448539
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 37.8 27.8 41.6

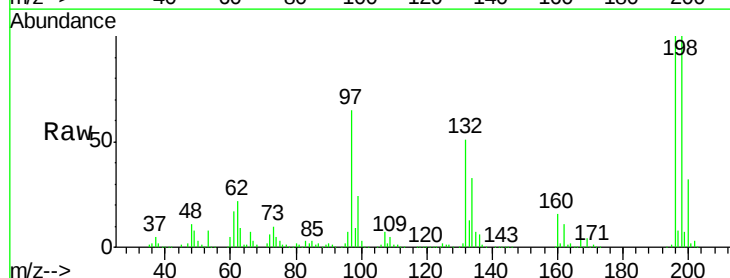


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

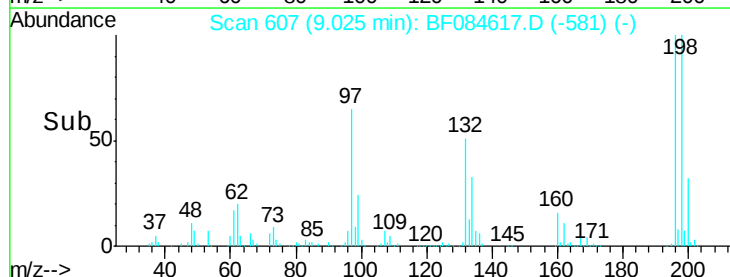
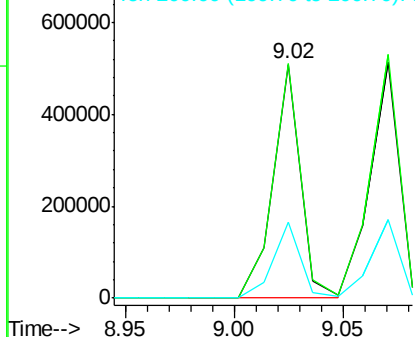


#42
 2,4,6-Trichlorophenol
 Concen: 38.65 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

Tgt Ion:196 Resp: 455022
 Ion Ratio Lower Upper
 196 100
 198 100.4 77.7 116.5
 200 32.3 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

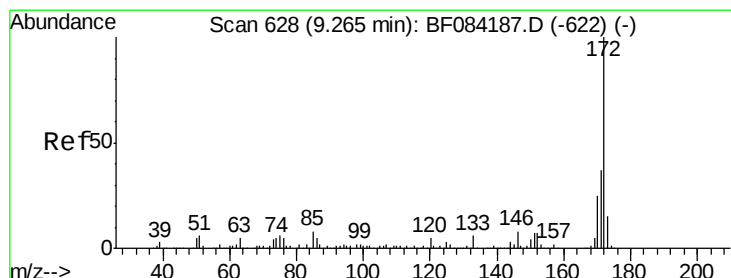
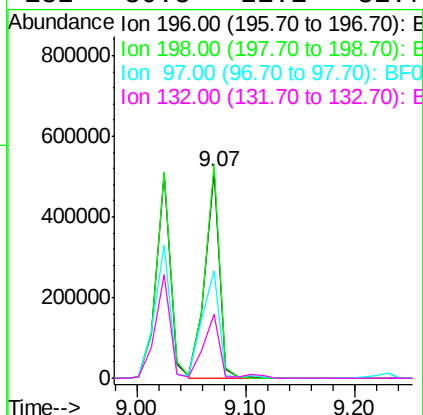
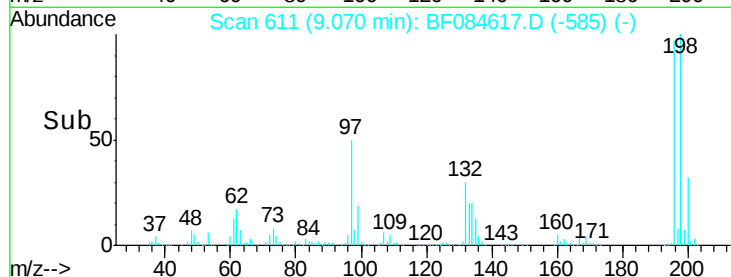
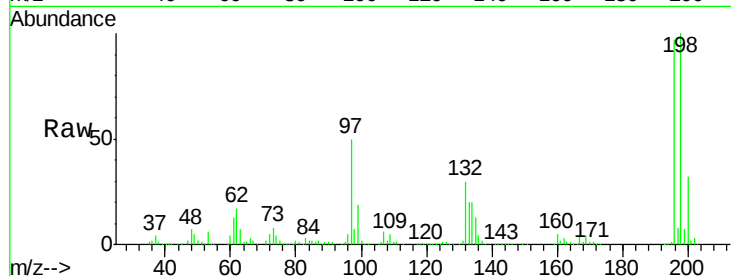




#43
 2,4,5-Trichlorophenol
 Concen: 42.64 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

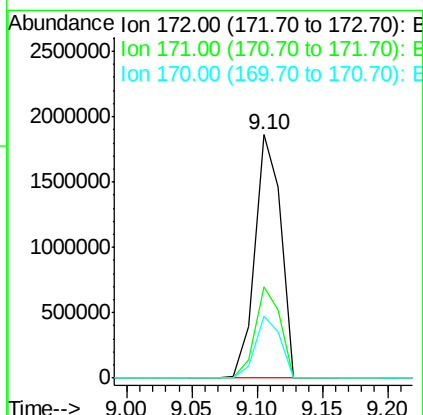
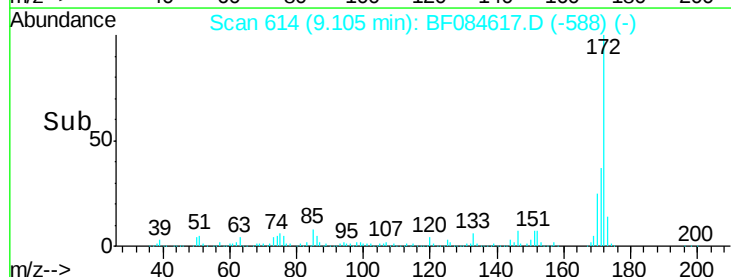
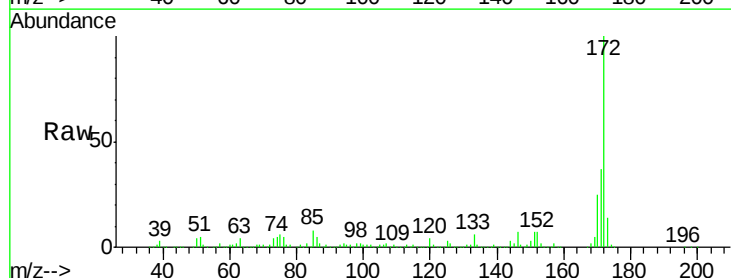
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 481156
 Ion Ratio Lower Upper
 196 100
 198 103.2 79.0 118.6
 97 52.0 33.0 49.6#
 132 30.8 21.1 31.7



#44
 2-Fluorobiphenyl
 Concen: 82.06 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

Tgt Ion:172 Resp: 2559956
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.9 43.3
 170 25.3 18.6 27.8





#45

1,1'-Biphenyl

Concen: 38.52 ng

RT: 9.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

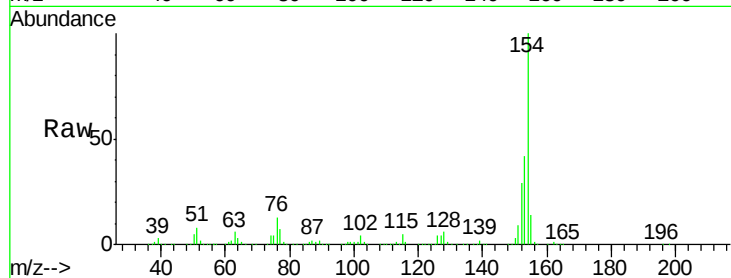
Tot Ion:154 Resp: 1675436

Ion Ratio Lower Upper

154 100

153 42.5 21.6 61.6

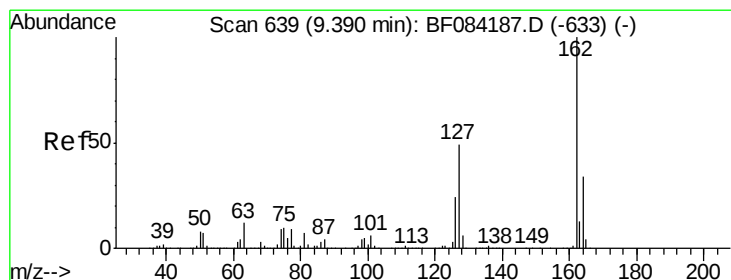
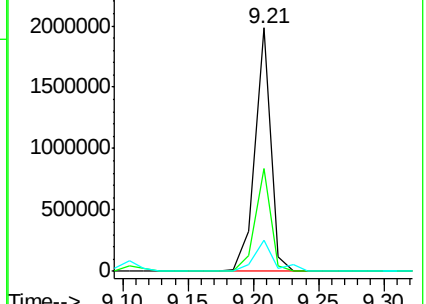
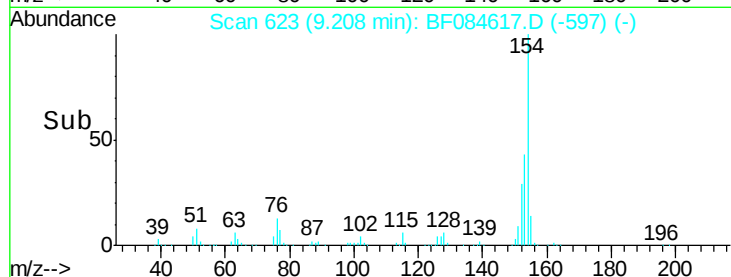
76 12.5 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.46 ng

RT: 9.23 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

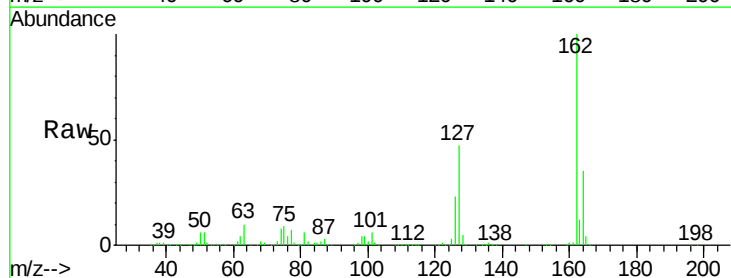
Tgt Ion:162 Resp: 1314297

Ion Ratio Lower Upper

162 100

127 46.7 40.2 60.4

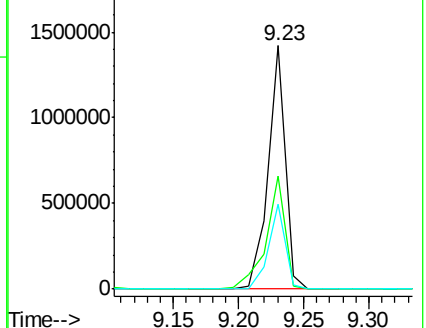
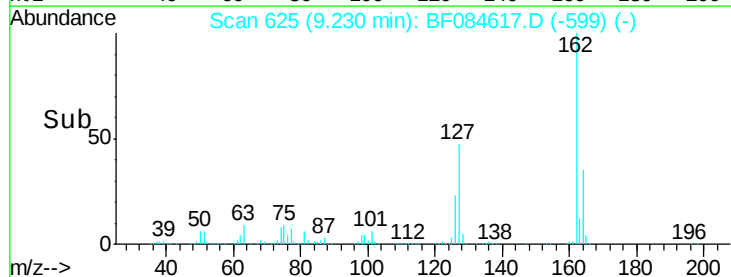
164 34.8 25.7 38.5

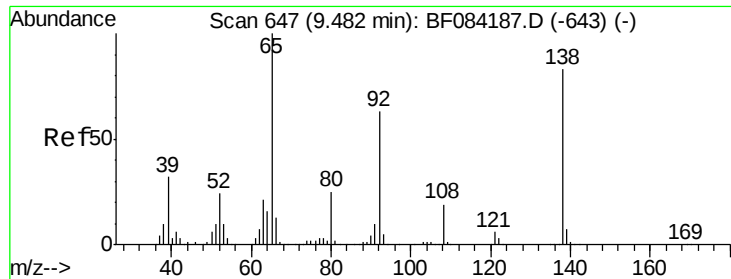


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

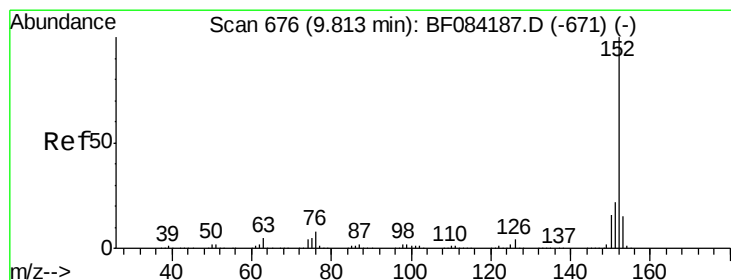
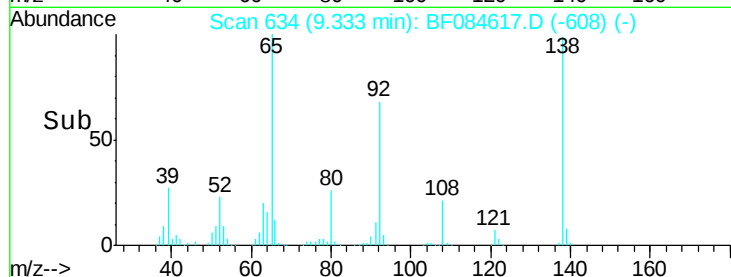
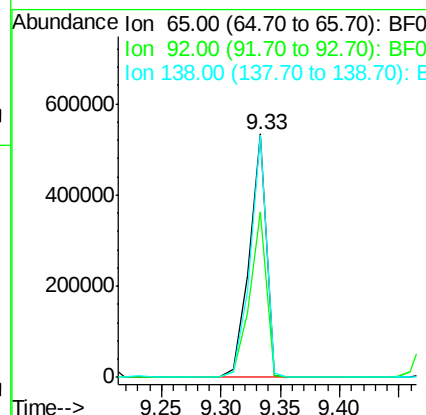
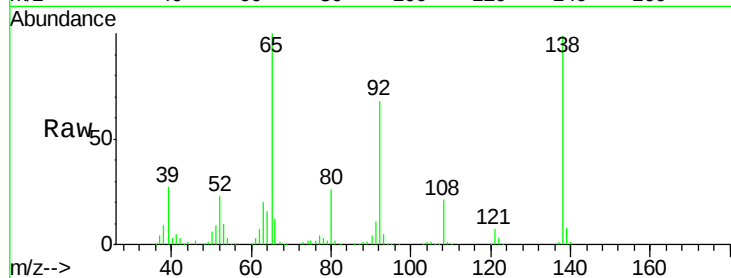




#47
2-Nitroaniline
Concen: 47.64 ng
RT: 9.33 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

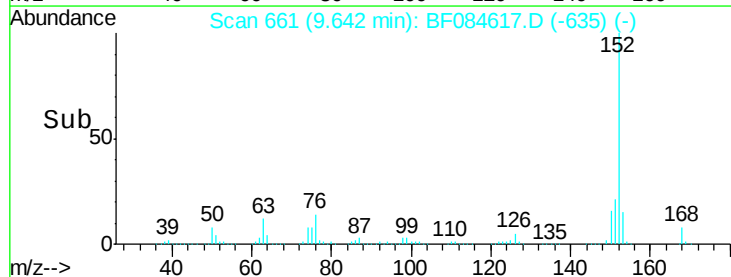
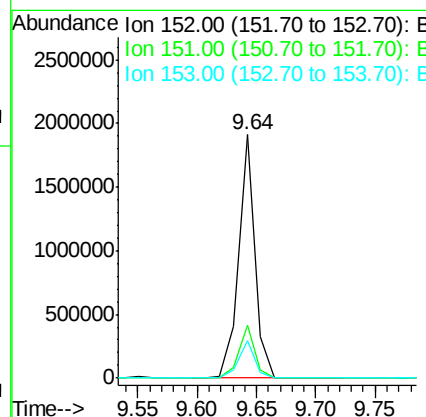
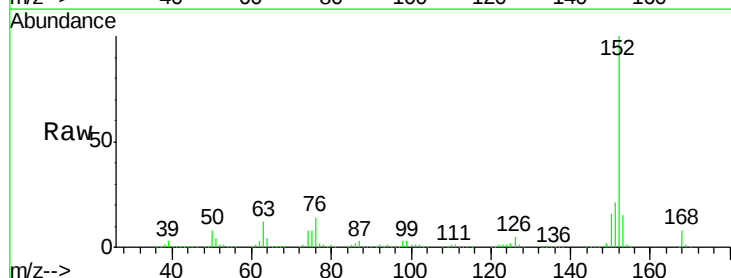
Instrument :
BNA_F
ClientSampleId :

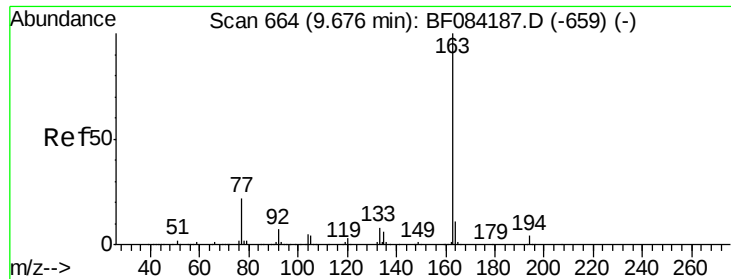
Tot Ion: 65 Resp: 537249
Ion Ratio Lower Upper
65 100
92 68.3 53.4 80.2
138 99.4 71.1 106.7



#48
Acenaphthylene
Concen: 36.17 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion: 152 Resp: 1825994
Ion Ratio Lower Upper
152 100
151 21.5 16.3 24.5
153 15.4 10.4 15.6

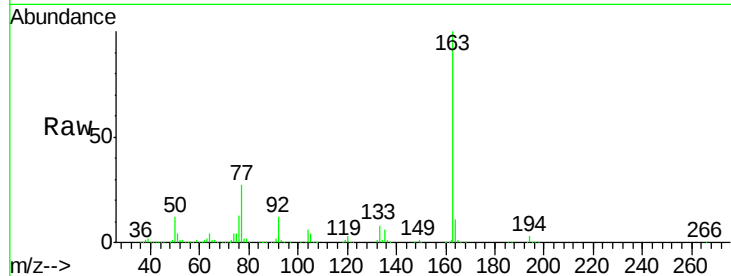




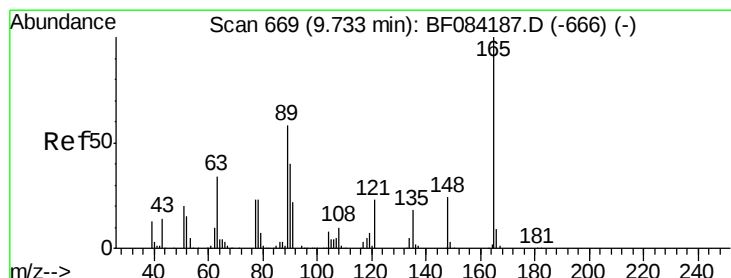
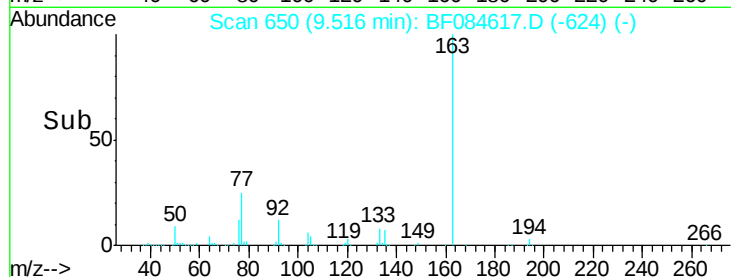
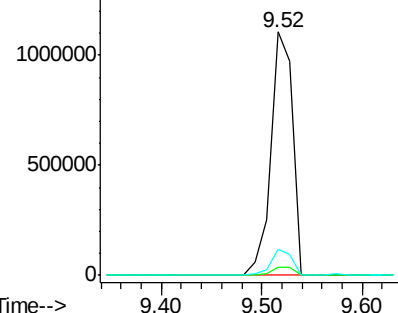
#49
Dimethylphthalate
Concen: 41.98 ng
RT: 9.52 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1642463
Ion Ratio Lower Upper
163 100
194 3.2 8.0 12.0#
164 10.7 8.0 12.0

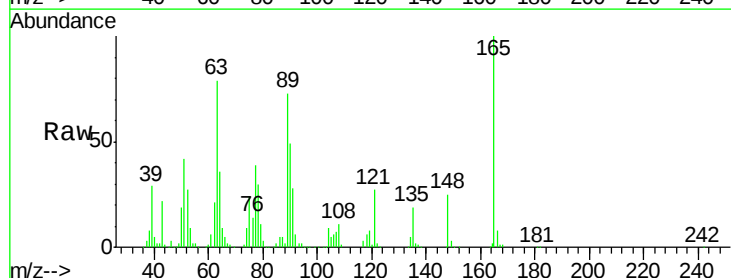


Abundance Ion 163.00 (162.70 to 163.70): E
1500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

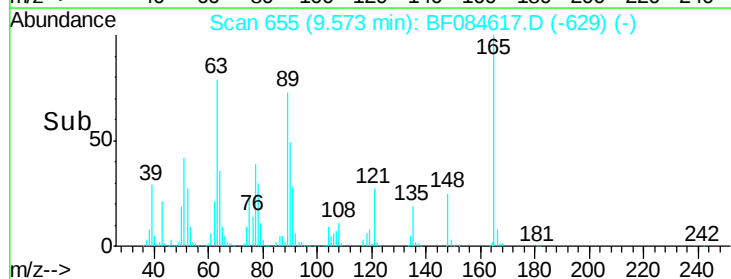
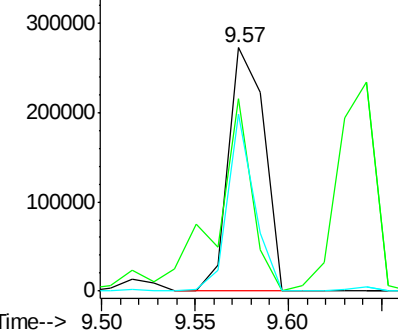


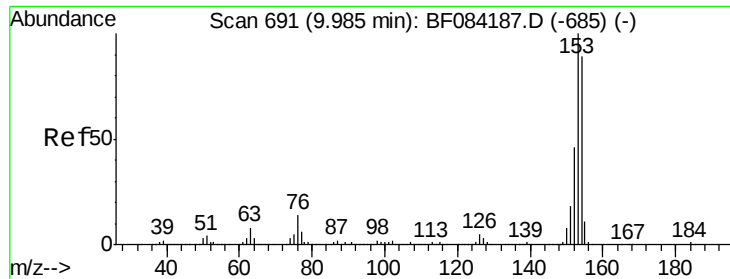
#50
2,6-Dinitrotoluene
Concen: 42.04 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion:165 Resp: 360753
Ion Ratio Lower Upper
165 100
63 78.9 28.8 43.2#
89 72.7 35.1 52.7#



Abundance Ion 165.00 (164.70 to 165.70): E
300000
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.40 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

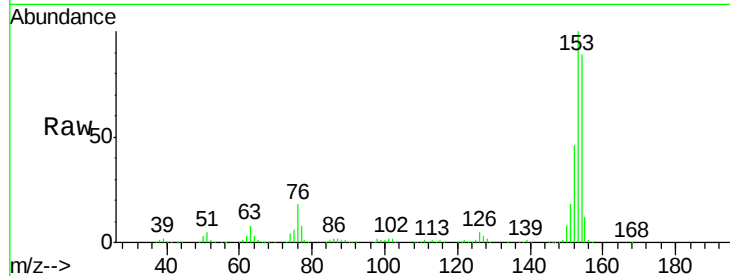
Tot Ion:154 Resp: 1300185

Ion Ratio Lower Upper

154 100

153 111.8 91.5 137.3

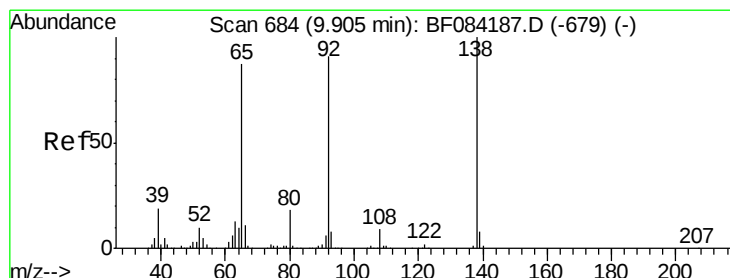
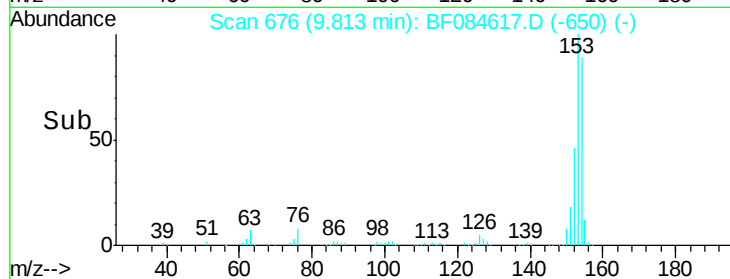
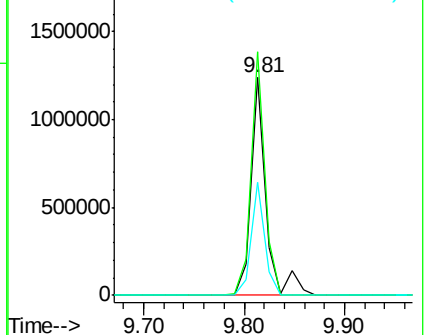
152 51.8 43.0 64.6



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: 36.70 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

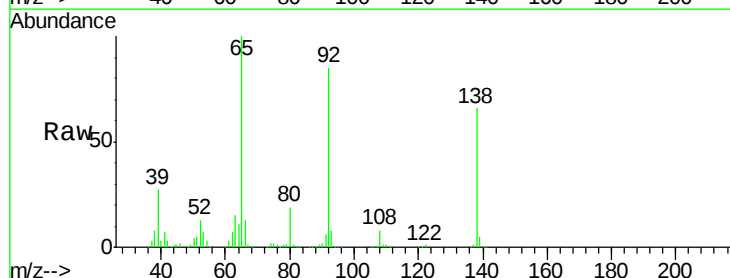
Tgt Ion:138 Resp: 390221

Ion Ratio Lower Upper

138 100

108 11.5 10.5 15.7

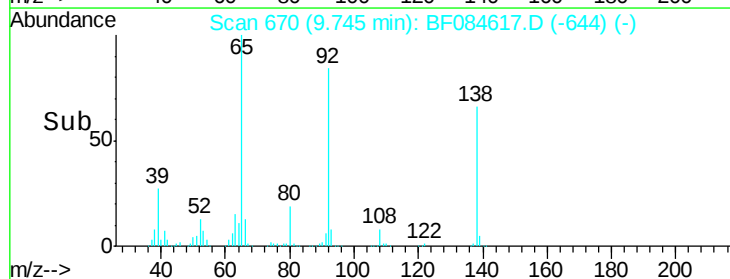
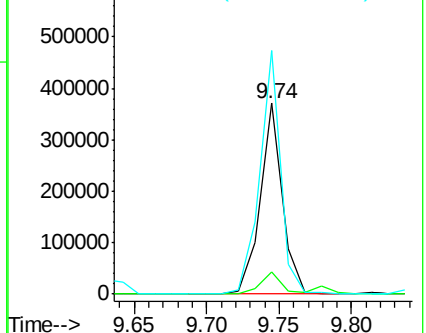
92 127.8 103.9 155.9



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

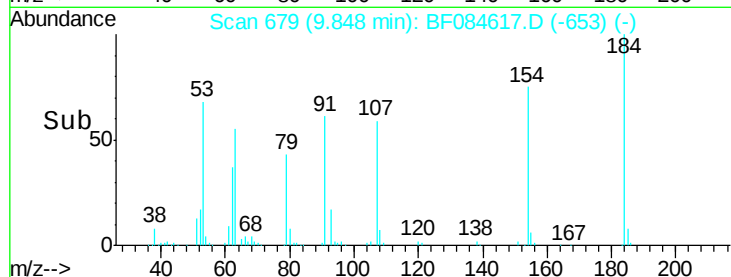
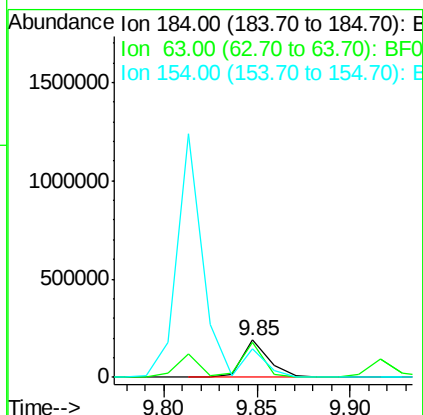
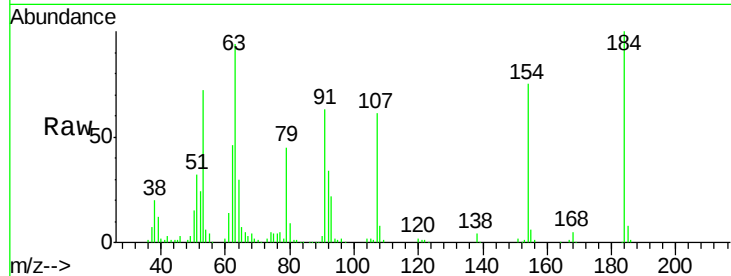




#53
2,4-Dinitrophenol
Concen: 53.16 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

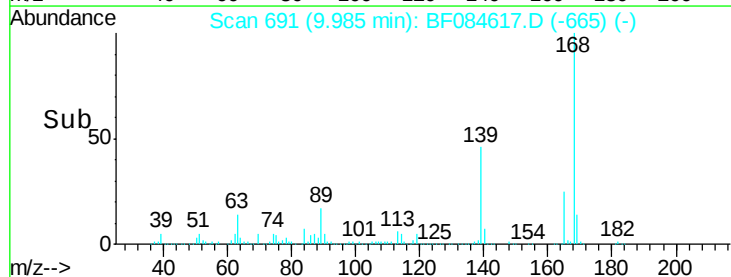
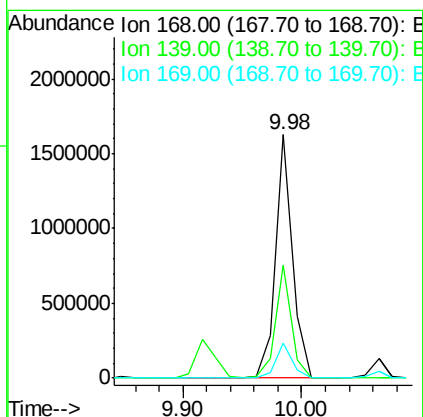
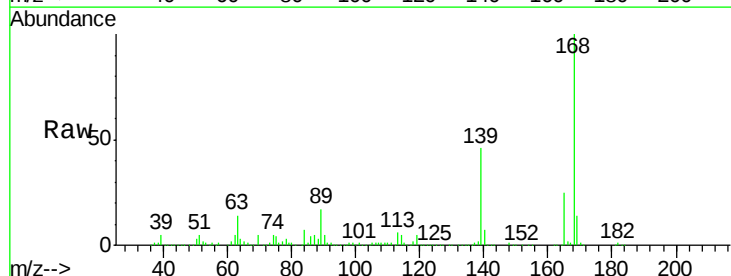
Instrument :
BNA_F
ClientSampleId :

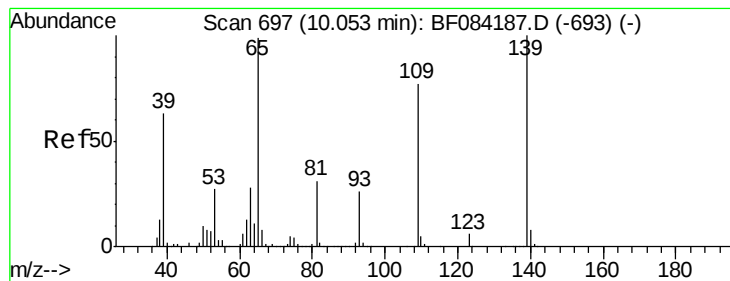
Tot Ion:184 Resp: 189793
Ion Ratio Lower Upper
184 100
63 94.0 43.1 64.7#
154 75.0 60.5 90.7



#54
Dibenzofuran
Concen: 36.04 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion:168 Resp: 1606496
Ion Ratio Lower Upper
168 100
139 46.2 30.5 45.7#
169 14.3 10.4 15.6





#55

4-Nitrophenol

Concen: 39.17 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

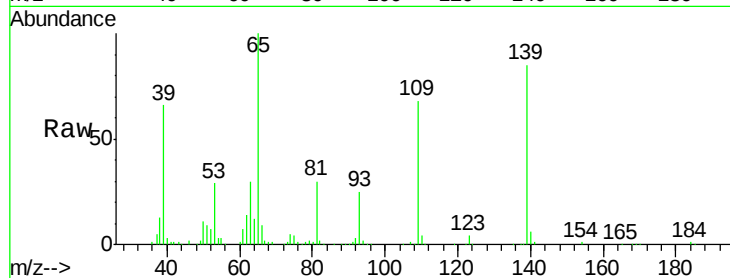
Tot Ion:139 Resp: 302378

Ion Ratio Lower Upper

139 100

109 80.1 58.5 98.5

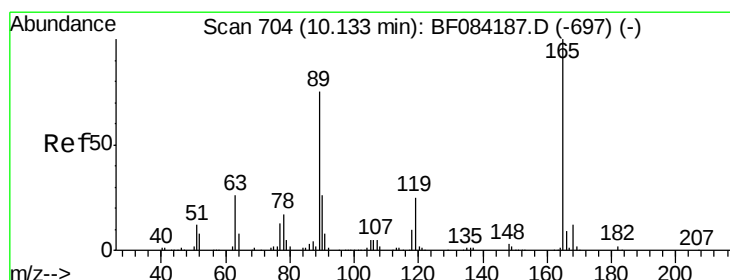
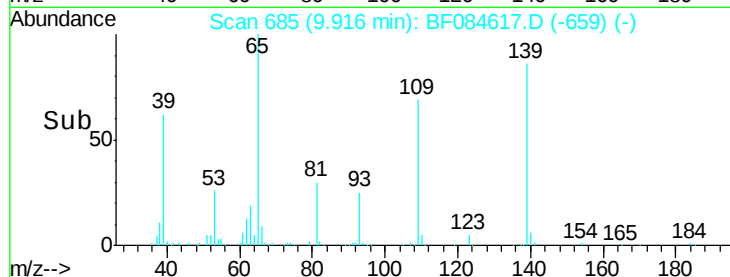
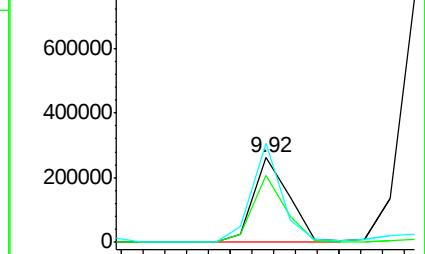
65 117.2 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 47.68 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Tgt Ion:165 Resp: 517833

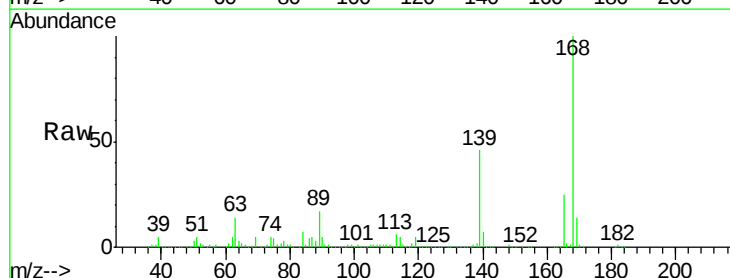
Ion Ratio Lower Upper

165 100

63 53.6 36.7 55.1

89 66.0 61.9 92.9

182 2.5 2.0 3.0

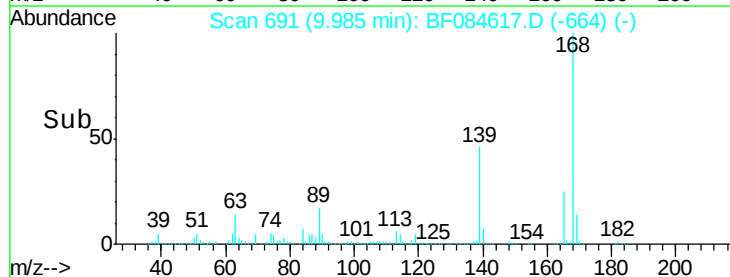
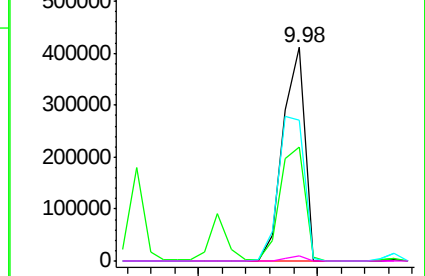


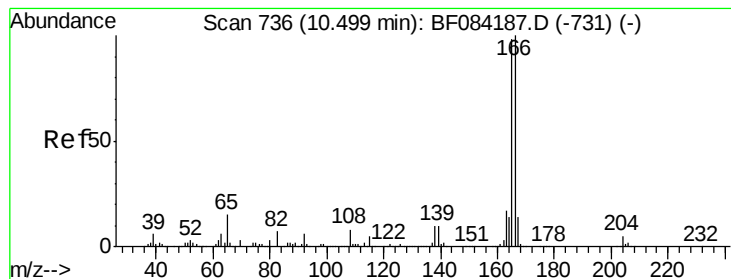
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.01 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

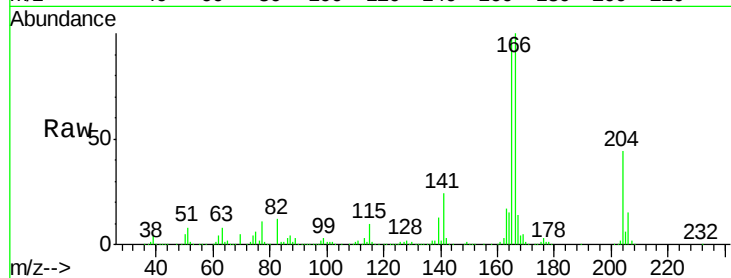
Tot Ion:166 Resp: 1333777

Ion Ratio Lower Upper

166 100

165 97.2 79.1 118.7

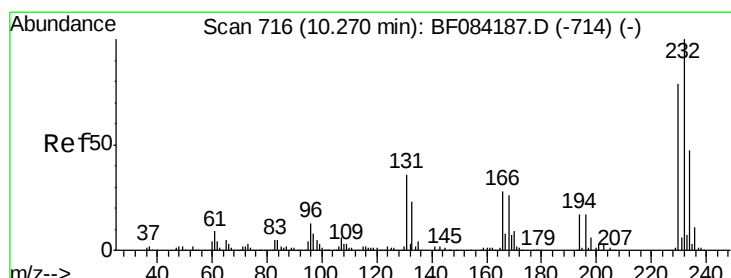
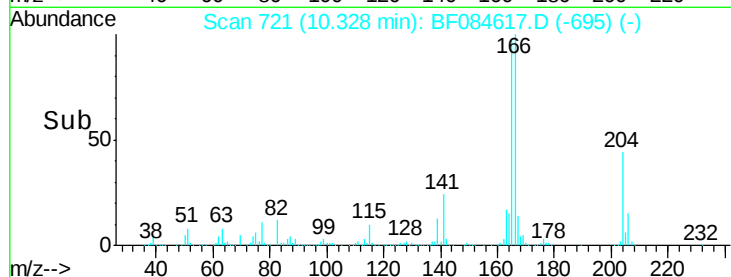
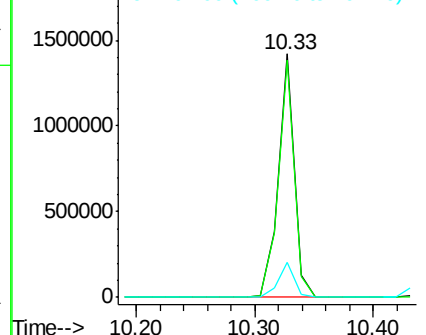
167 14.1 10.4 15.6



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: 43.86 ng

RT: 10.11 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Tgt Ion:232 Resp: 422578

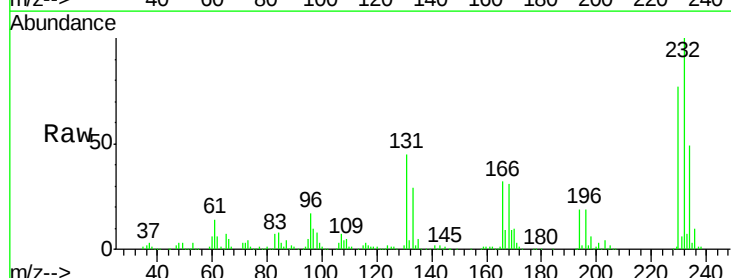
Ion Ratio Lower Upper

232 100

131 52.2 47.0 70.6

130 2.5 2.0 3.0

166 33.8 30.5 45.7

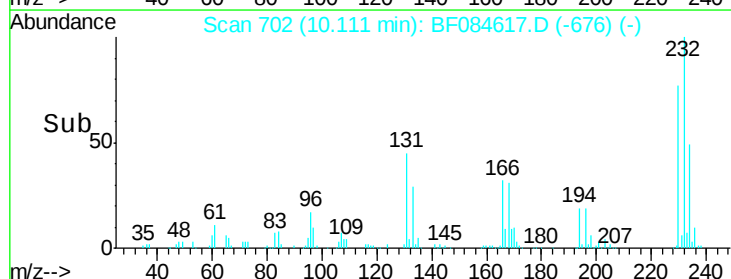
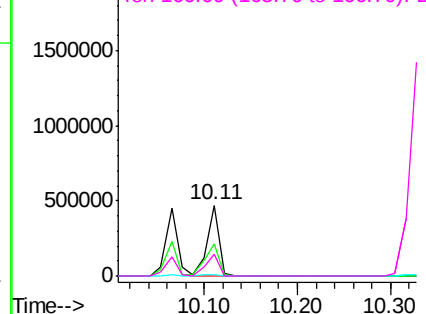


Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.30 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

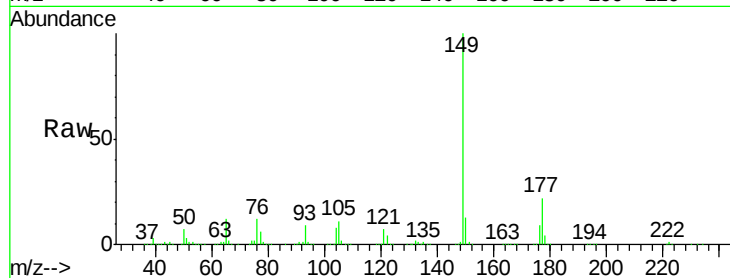
Tot Ion:149 Resp: 1516107

Ion Ratio Lower Upper

149 100

177 22.2 17.3 25.9

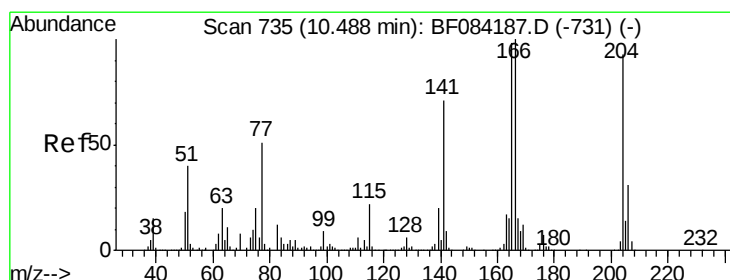
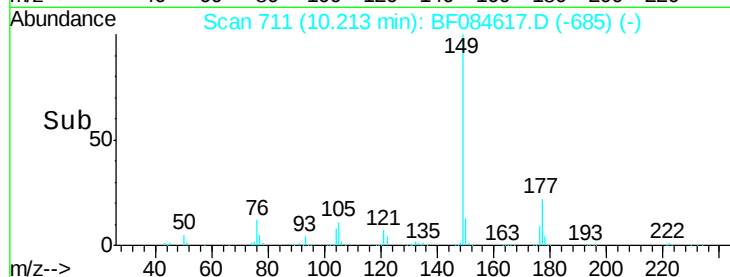
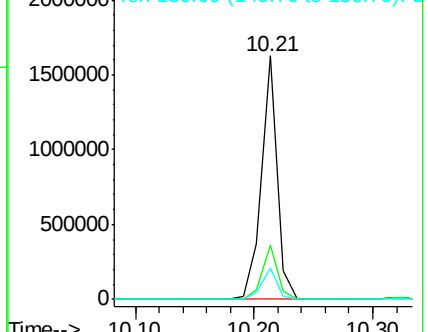
150 13.0 9.8 14.8



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: 48.54 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

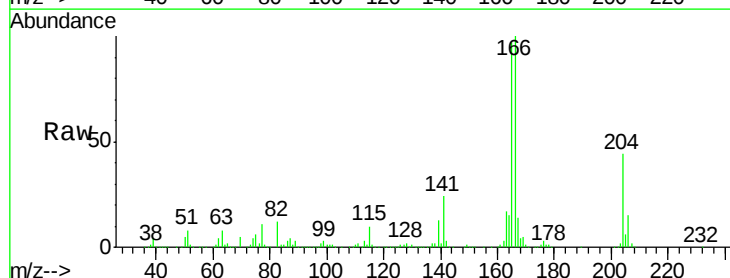
Tgt Ion:204 Resp: 685634

Ion Ratio Lower Upper

204 100

206 34.3 25.7 38.5

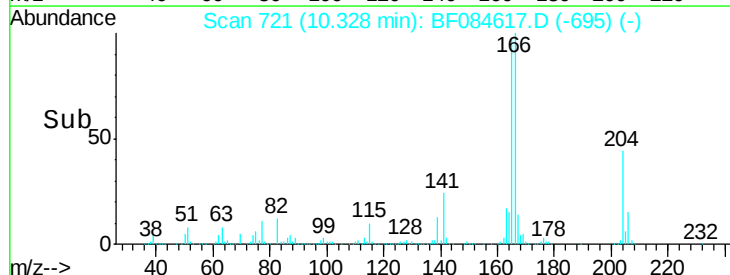
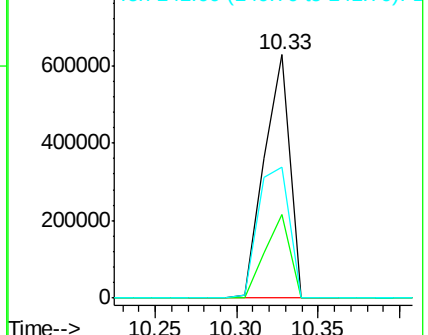
141 53.9 55.1 82.7#



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: 46.46 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

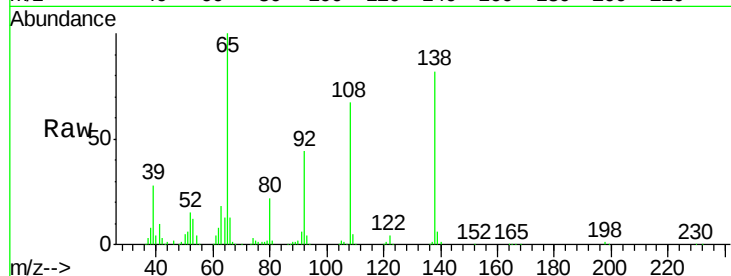
Tot Ion:138 Resp: 440391

Ion Ratio Lower Upper

138 100

92 54.6 32.6 72.6

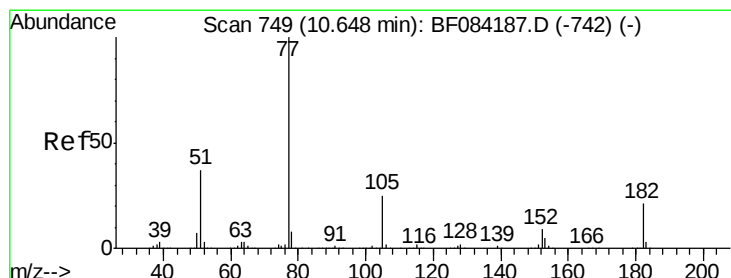
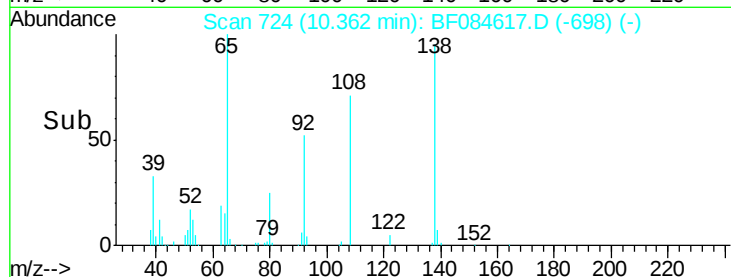
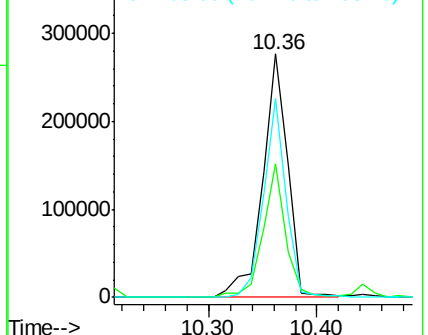
108 81.8 68.6 108.6



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: 40.91 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Tgt Ion: 77 Resp: 1730966

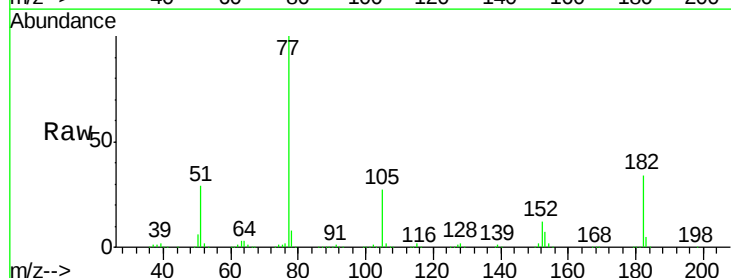
Ion Ratio Lower Upper

77 100

182 34.4 8.3 48.3

105 27.0 4.6 44.6

51 28.7 6.2 46.2

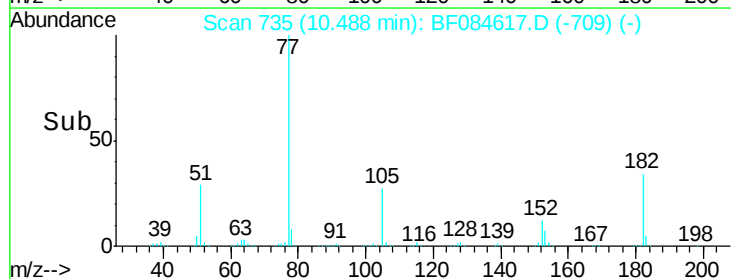
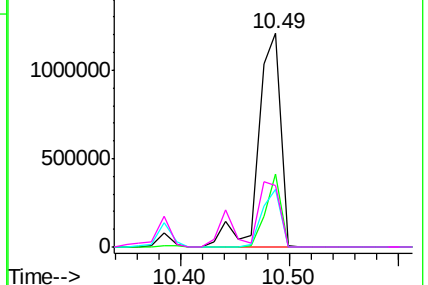


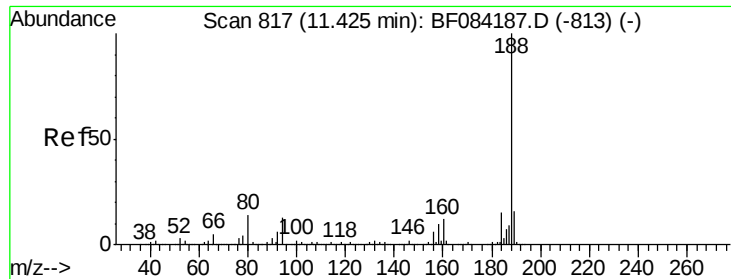
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

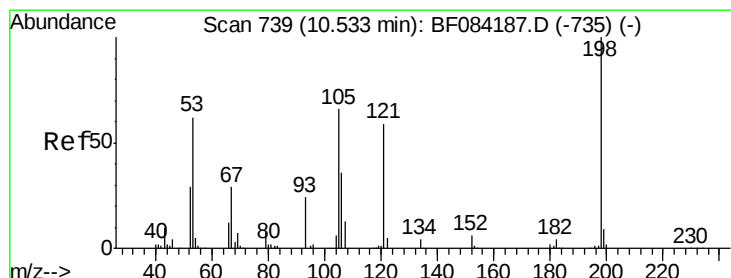
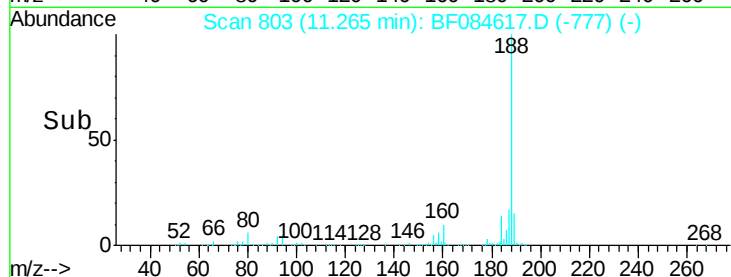
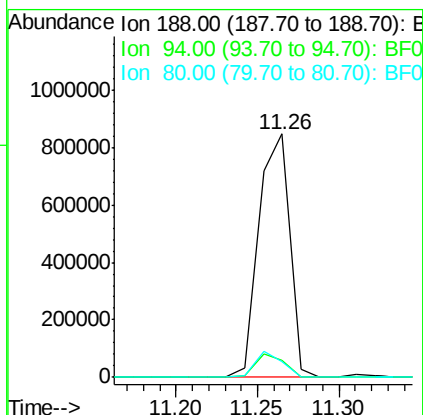
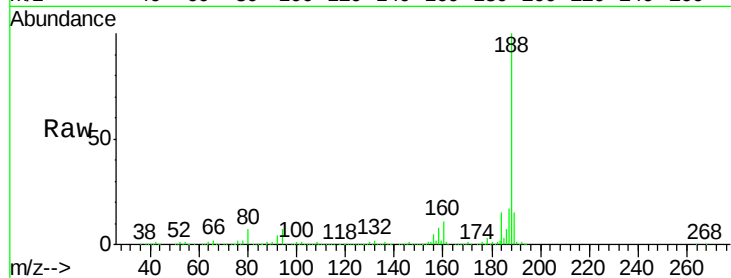




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

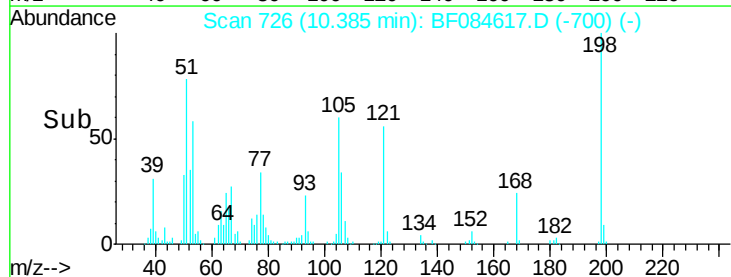
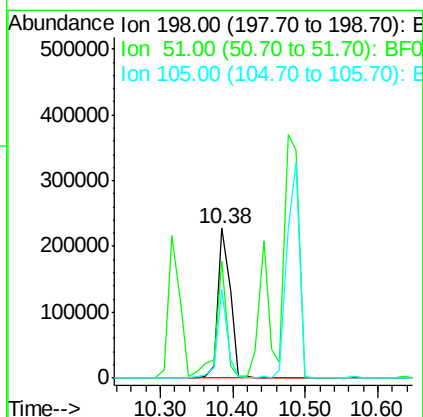
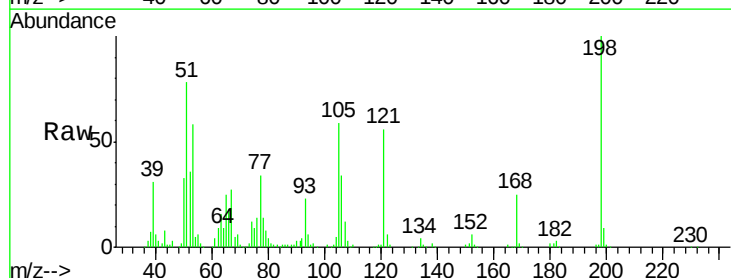
Instrument :
BNA_F
ClientSampleId :

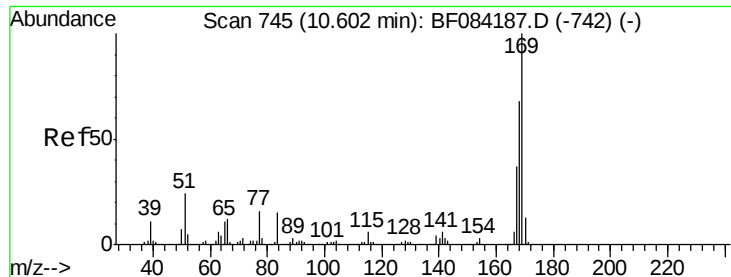
Tot Ion:188 Resp: 1118756
Ion Ratio Lower Upper
188 100
94 6.8 9.0 13.4#
80 6.6 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 39.35 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion:198 Resp: 268950
Ion Ratio Lower Upper
198 100
51 77.5 18.9 58.9#
105 59.4 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 35.80 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

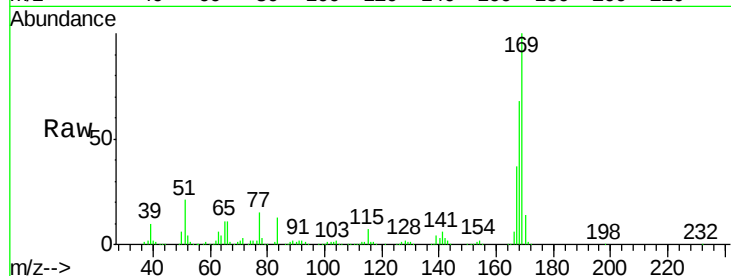
Tot Ion:169 Resp: 1280603

Ion Ratio Lower Upper

169 100

168 67.7 55.1 82.7

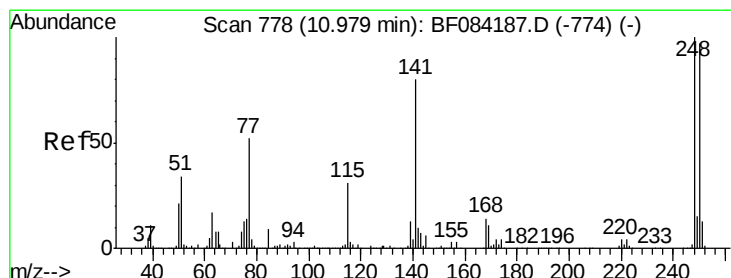
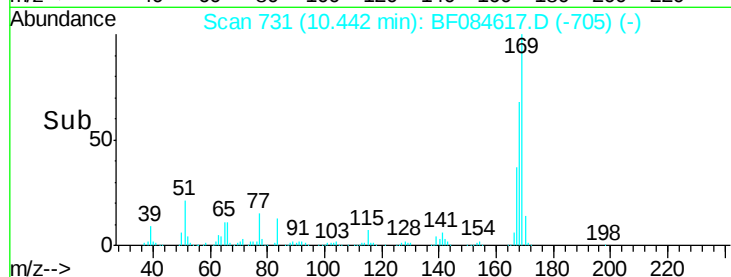
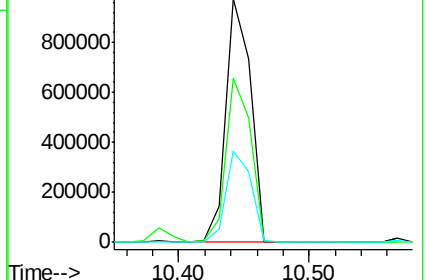
167 37.3 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.69 ng

RT: 10.81 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

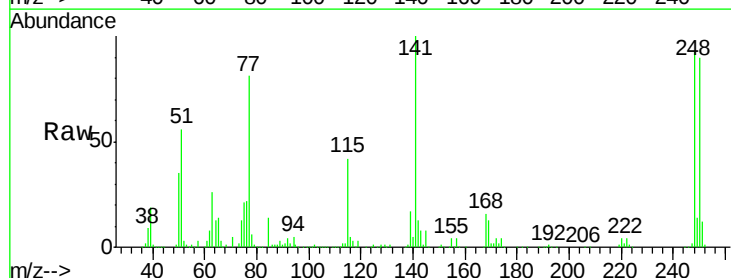
Tgt Ion:248 Resp: 429791

Ion Ratio Lower Upper

248 100

250 96.5 78.4 117.6

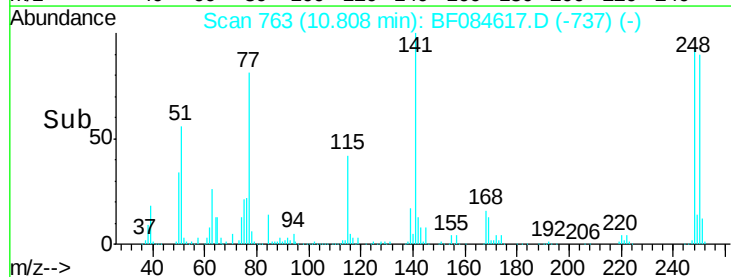
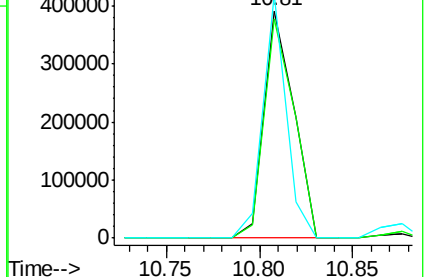
141 107.0 44.0 66.0#

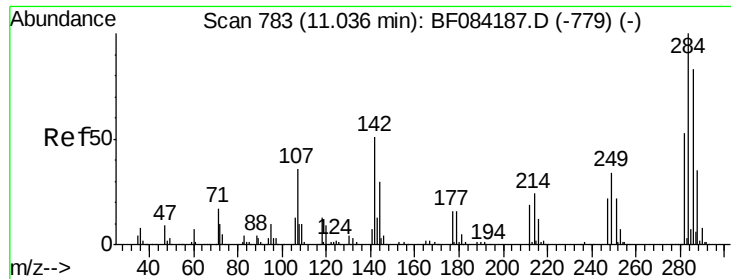


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

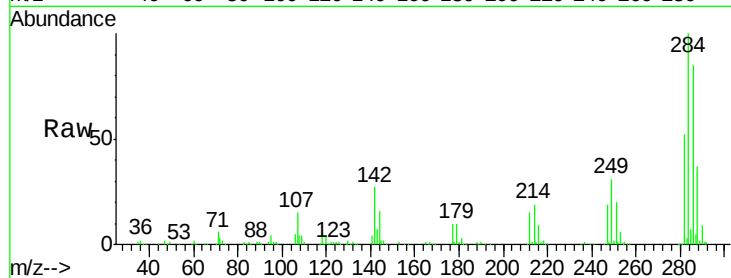




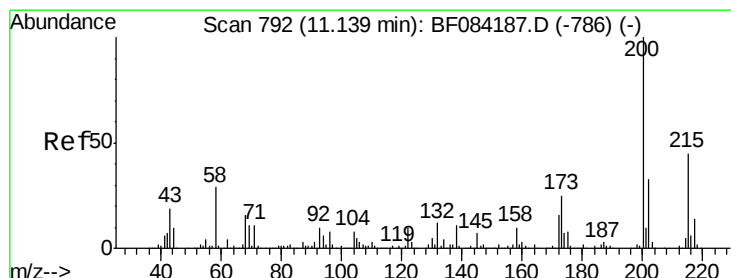
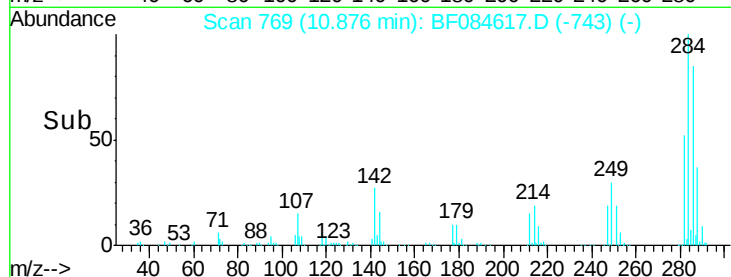
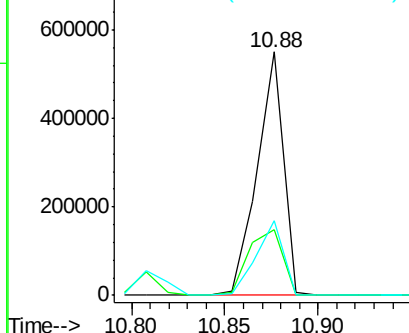
#67
Hexachlorobenzene
Concen: 39.46 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 534743
Ion Ratio Lower Upper
284 100
142 27.2 22.2 33.4
249 30.6 24.6 37.0

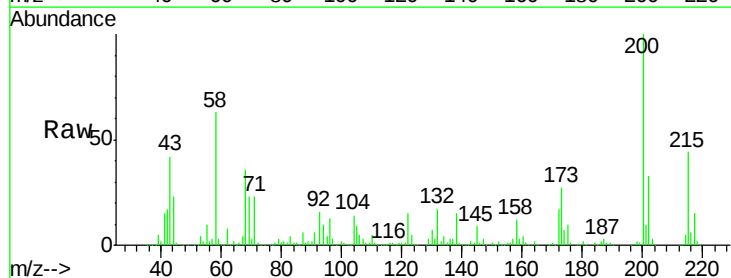


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

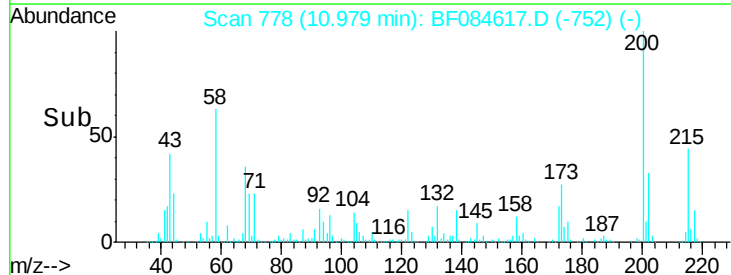
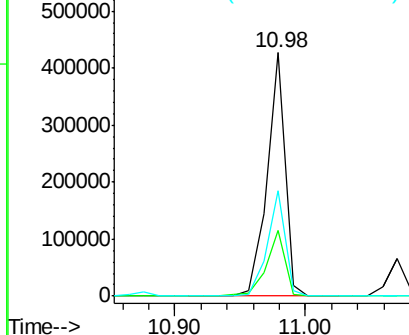


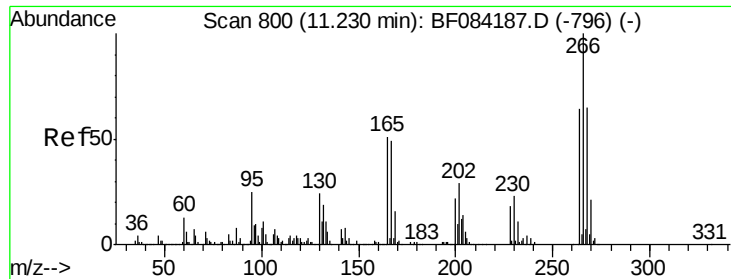
#68
Atrazine
Concen: 35.27 ng
RT: 10.98 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion:200 Resp: 412810
Ion Ratio Lower Upper
200 100
173 26.9 9.5 49.5
215 43.5 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

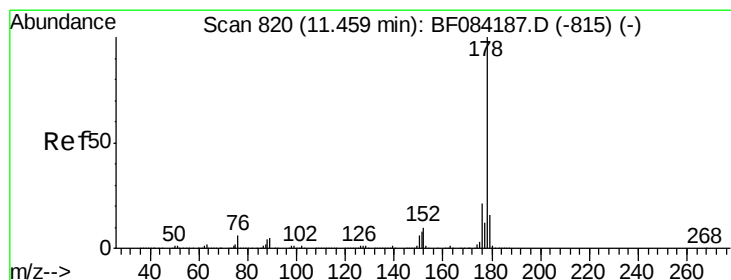
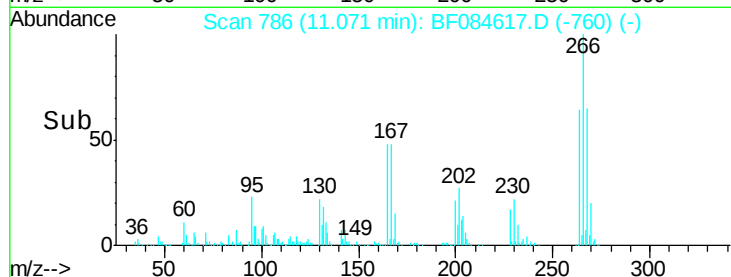
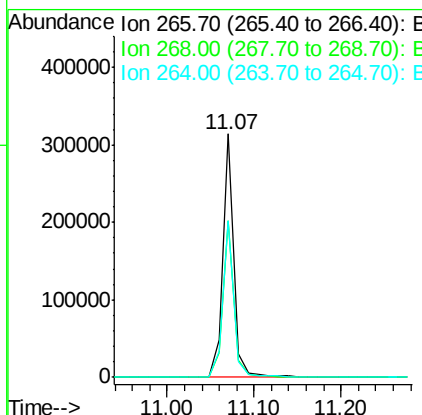
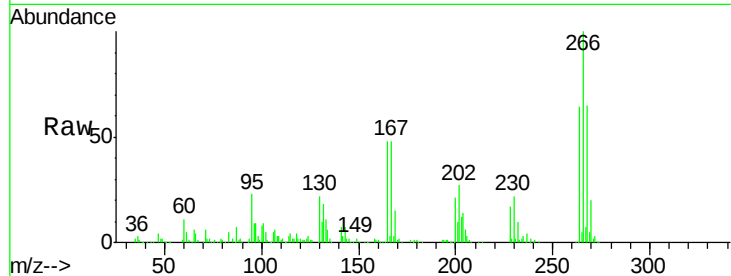




#69
 Pentachlorophenol
 Concen: 40.55 ng
 RT: 11.07 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

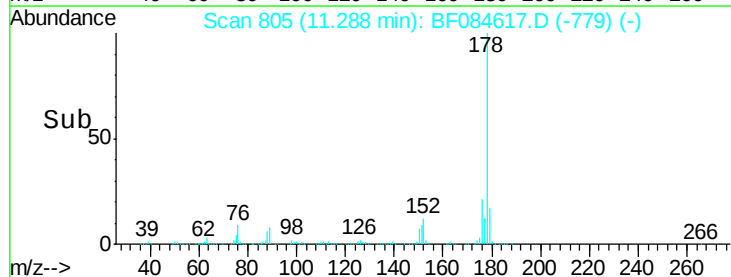
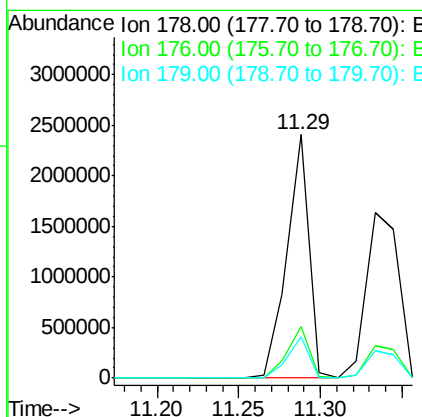
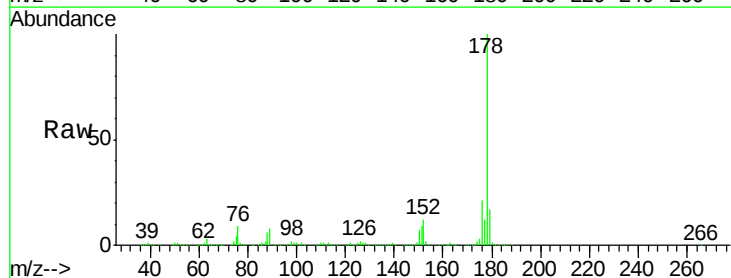
Instrument :
 BNA_F
 ClientSampleId :

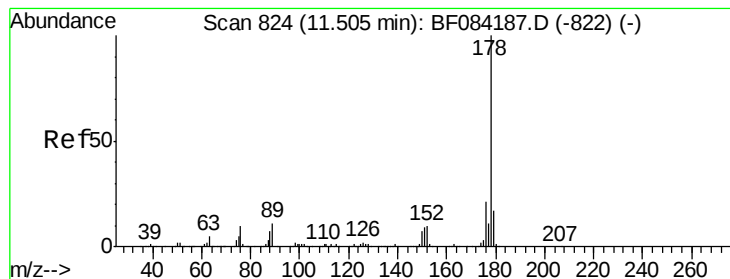
Tot Ion:266 Resp: 284979
 Ion Ratio Lower Upper
 266 100
 268 64.5 52.4 78.6
 264 64.1 50.2 75.2



#70
 Phenanthrene
 Concen: 38.97 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

Tgt Ion:178 Resp: 2280534
 Ion Ratio Lower Upper
 178 100
 176 21.4 15.3 22.9
 179 16.9 12.0 18.0





#71

Anthracene

Concen: 39.53 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

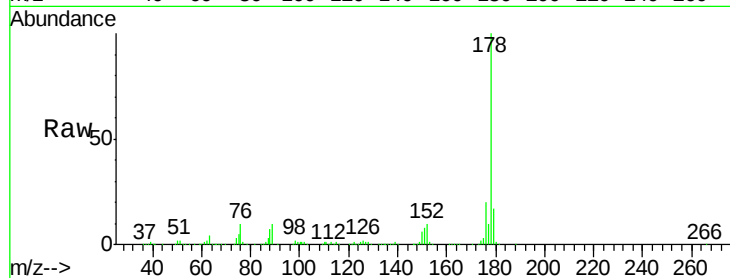
Tot Ion:178 Resp: 2267445

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.0

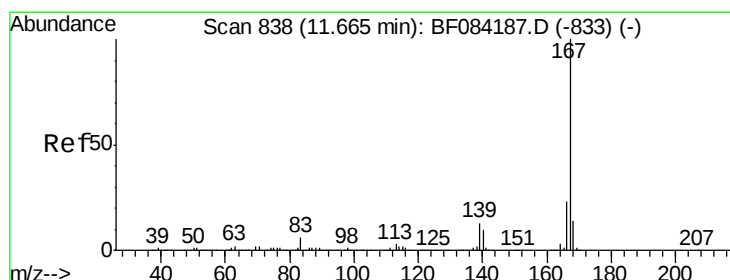
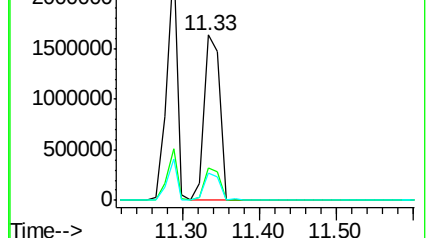
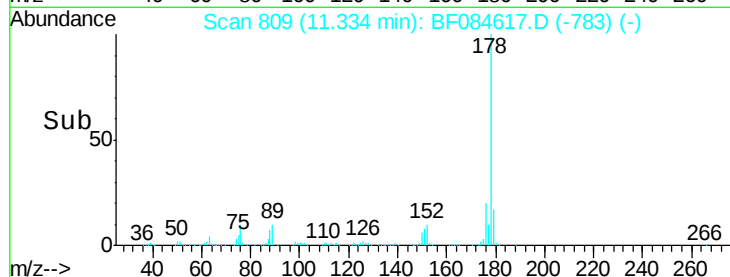
179 16.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 33.57 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

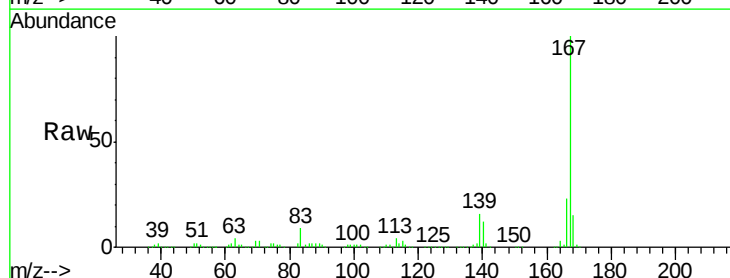
Tgt Ion:167 Resp: 1882637

Ion Ratio Lower Upper

167 100

166 23.3 17.6 26.4

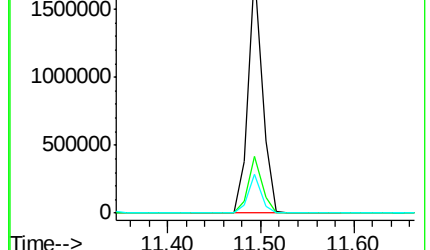
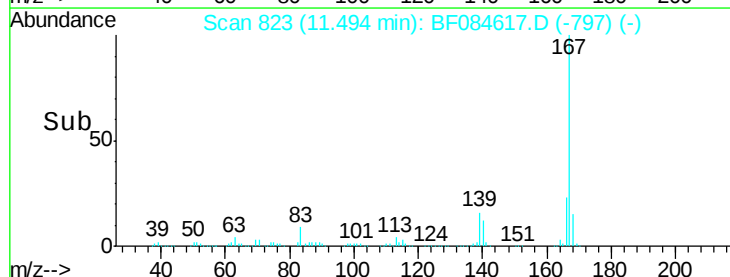
139 15.8 11.8 17.8

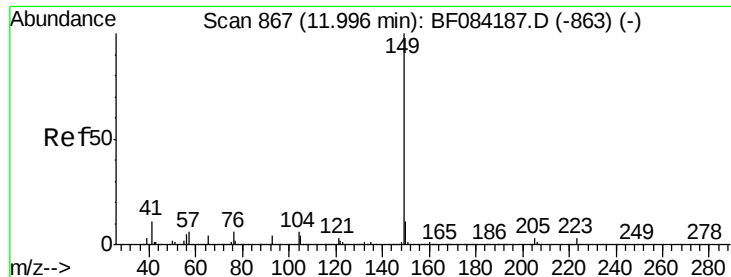


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.79 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

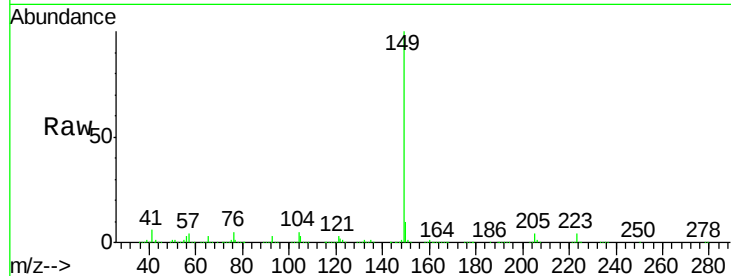
Tot Ion:149 Resp: 2628424

Ion Ratio Lower Upper

149 100

150 10.2 7.1 10.7

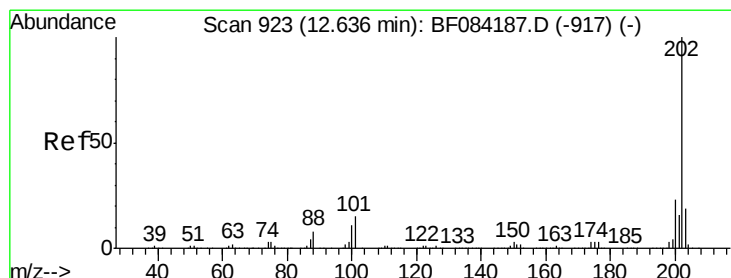
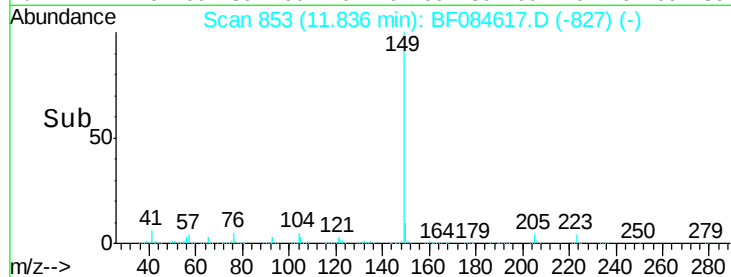
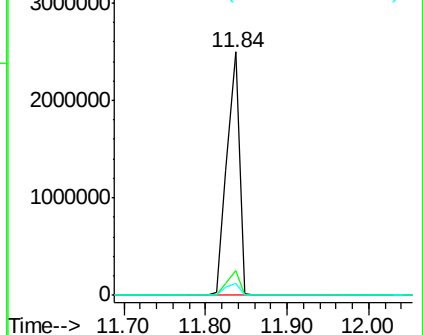
104 5.1 3.2 4.8#



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: 38.31 ng

RT: 12.47 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

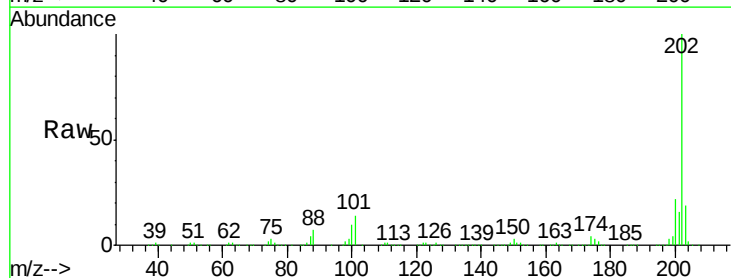
Tgt Ion:202 Resp: 2342133

Ion Ratio Lower Upper

202 100

101 13.7 0.0 32.8

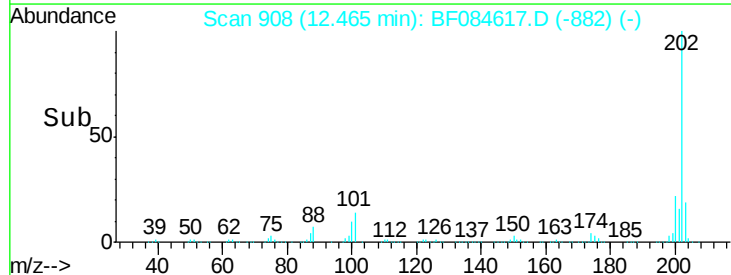
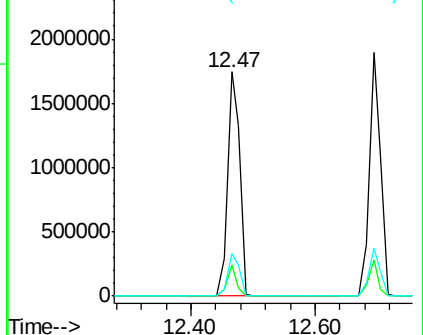
203 19.0 0.0 37.9

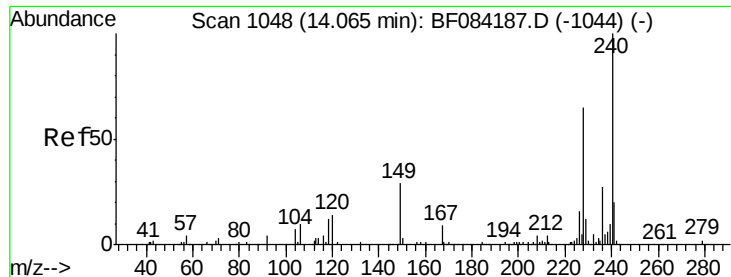


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampled :

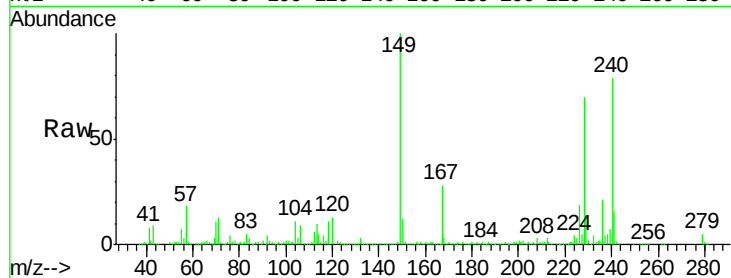
Tot Ion:240 Resp: 818866

Ion Ratio Lower Upper

240 100

120 16.1 9.5 14.3#

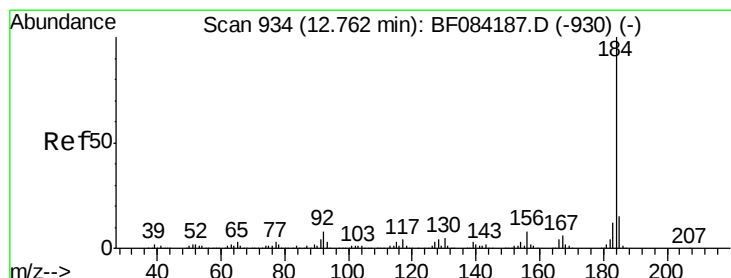
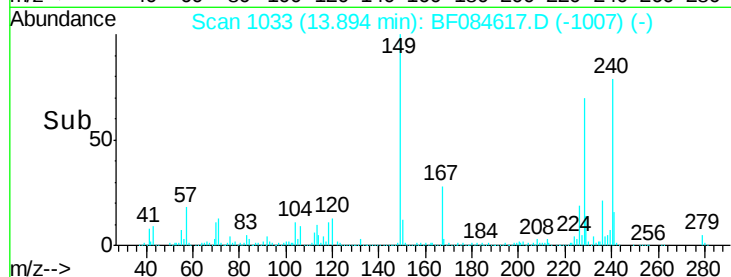
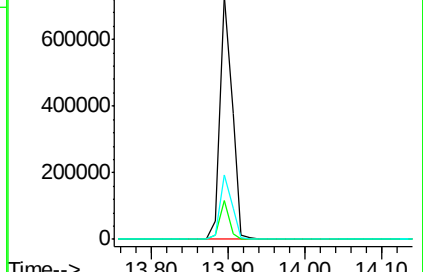
236 26.6 20.6 31.0



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: 37.16 ng

RT: 12.60 min Scan# 920

Delta R.T. 0.01 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

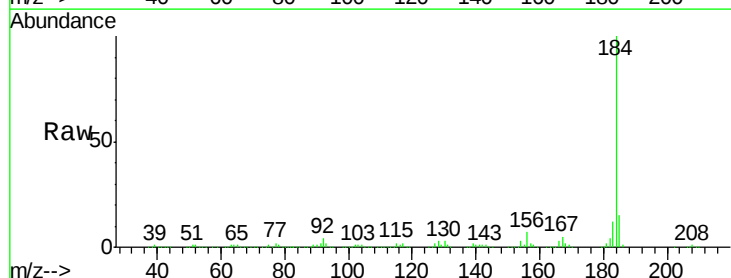
Tgt Ion:184 Resp: 1091030

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

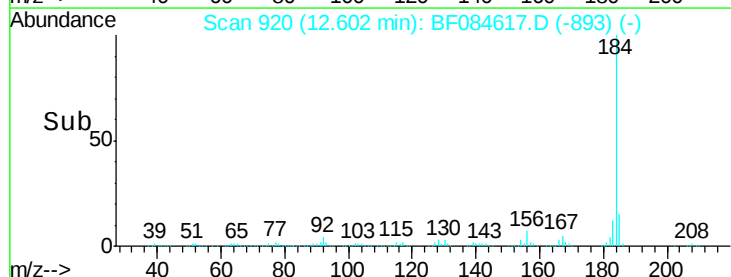
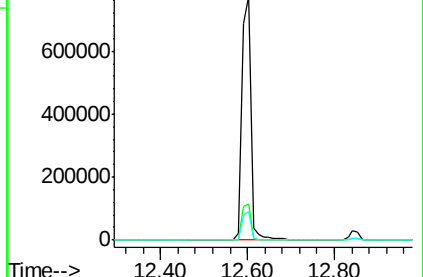
183 11.5 9.8 14.8

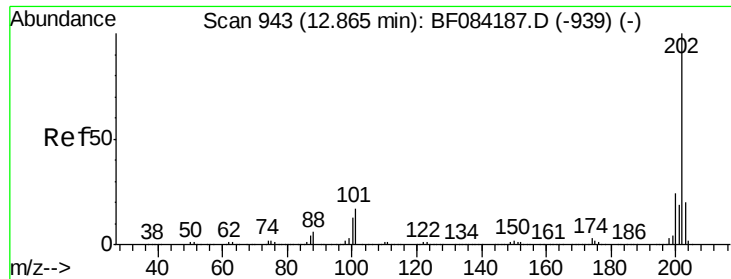


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

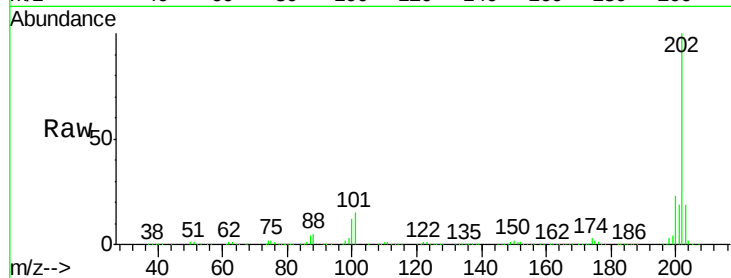




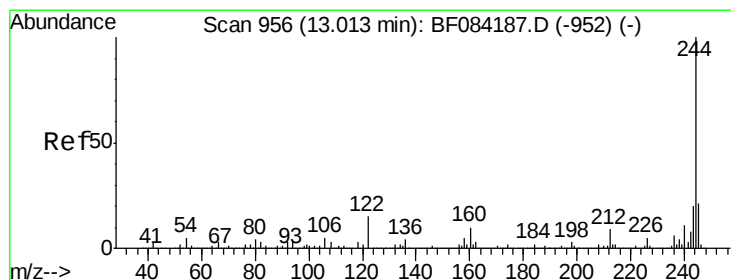
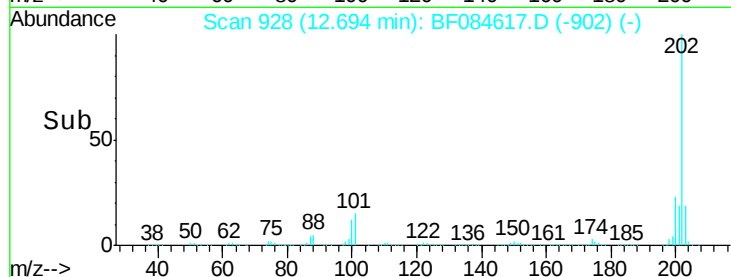
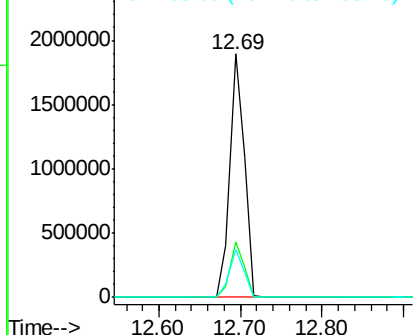
#77
Pvrene
Concen: 36.48 ng
RT: 12.69 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 2343921
Ion Ratio Lower Upper
202 100
200 23.0 17.2 25.8
203 19.5 14.3 21.5

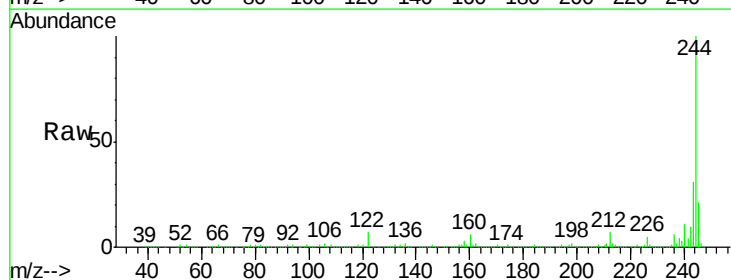


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

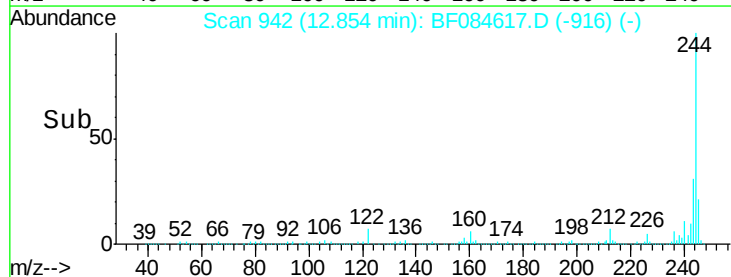
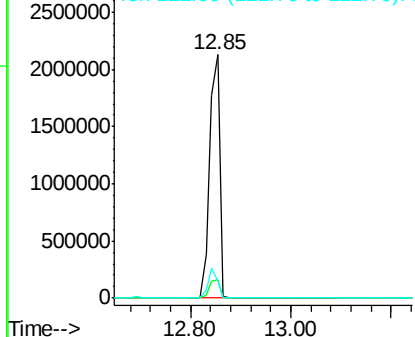


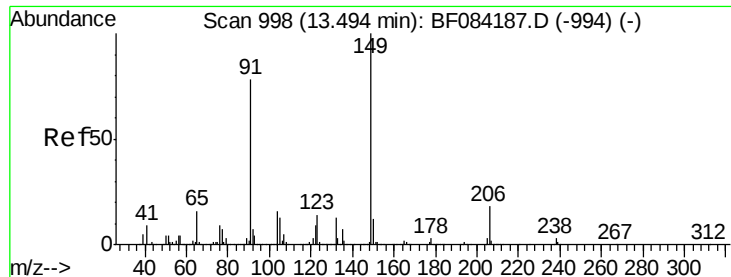
#78
Terphenyl-d14
Concen: 81.18 ng
RT: 12.85 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion:244 Resp: 2978140
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 6.8 7.4 11.0#



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

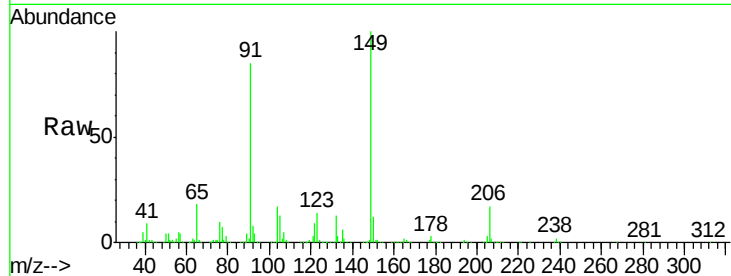




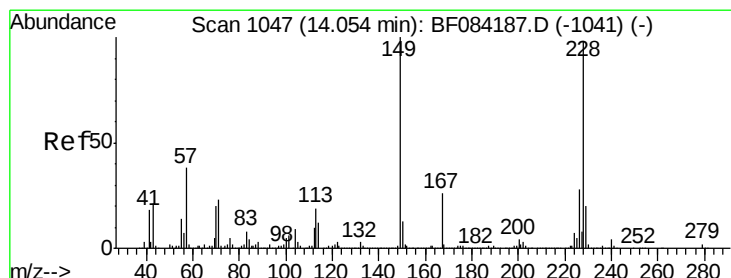
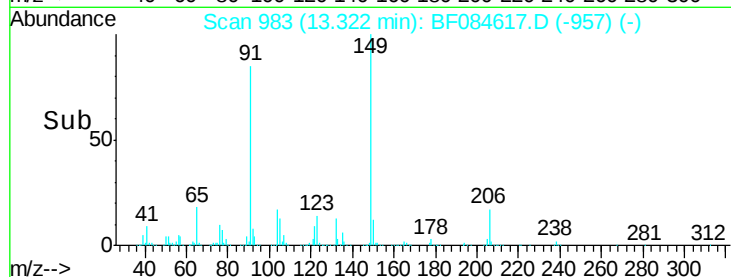
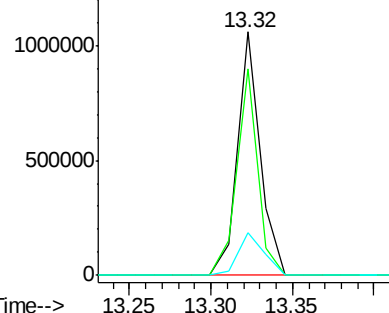
#79
Butylbenzylphthalate
Concen: 36.78 ng
RT: 13.32 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampleID :

Tot Ion:149 Resp: 1022648
Ion Ratio Lower Upper
149 100
91 85.0 57.6 86.4
206 17.3 13.2 19.8

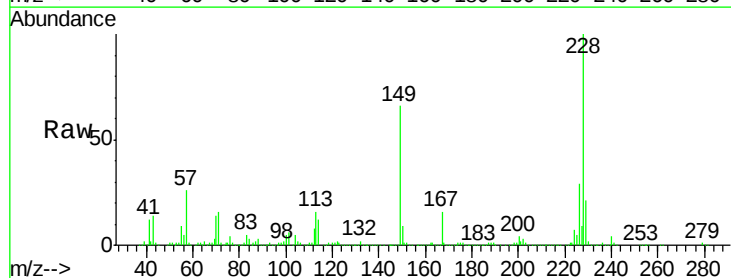


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

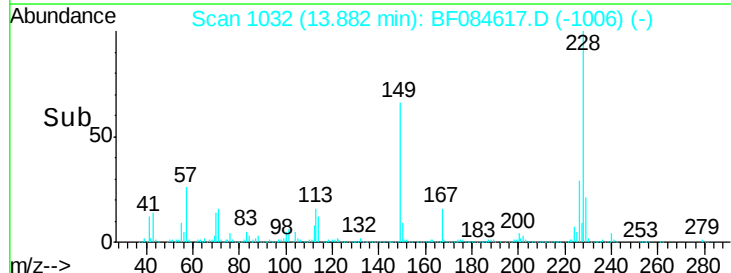
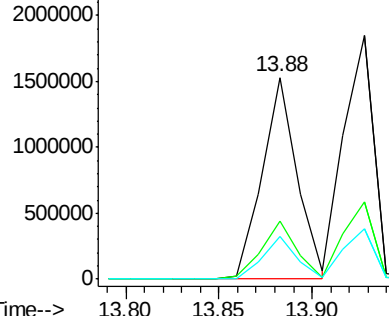


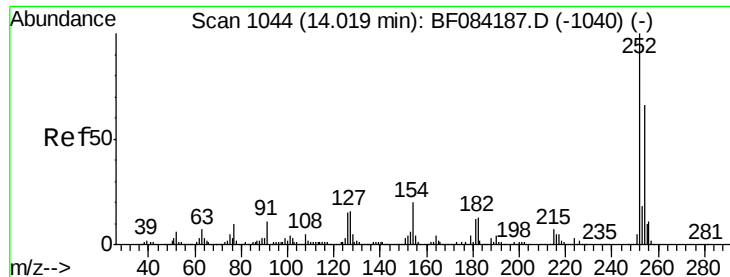
#80
Benzo(a)anthracene
Concen: 41.44 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion:228 Resp: 1992660
Ion Ratio Lower Upper
228 100
226 28.6 21.8 32.6
229 20.9 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

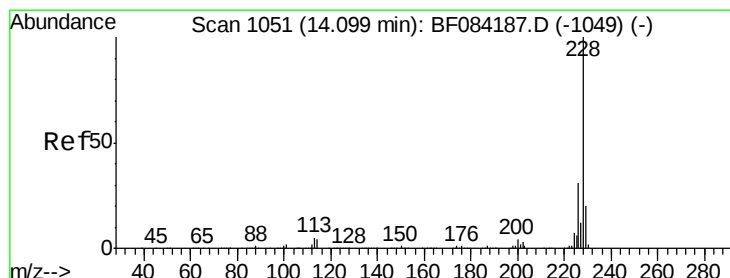
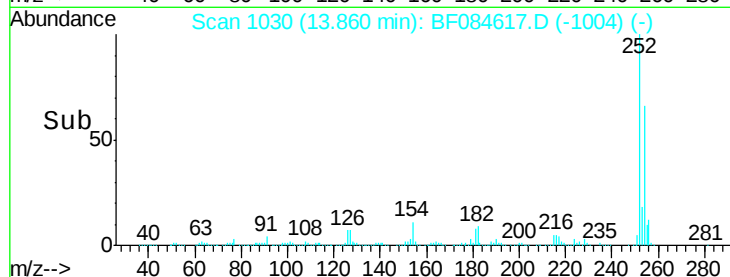
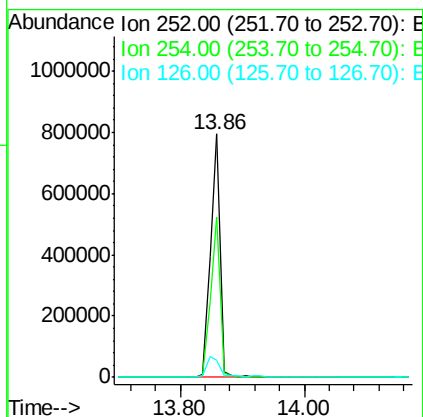
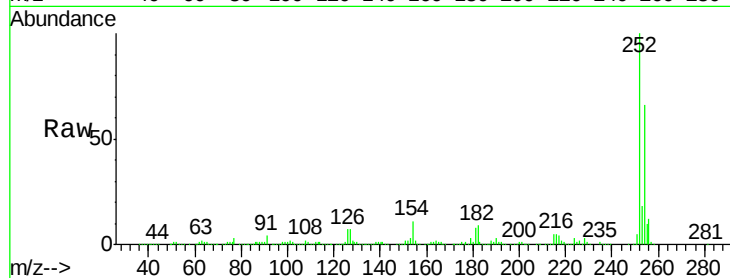




#81
 3,3'-Dichlorobenzidine
 Concen: 50.71 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

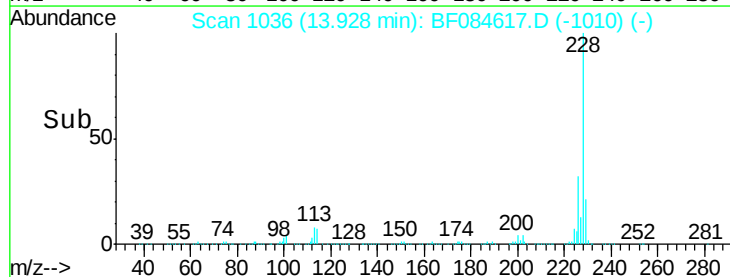
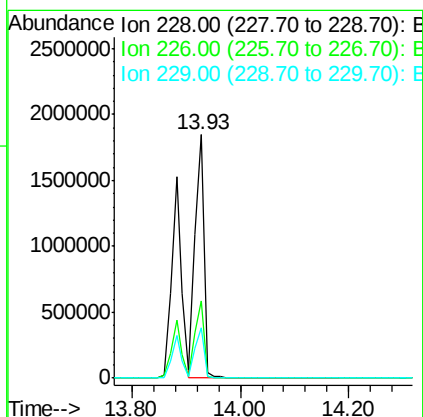
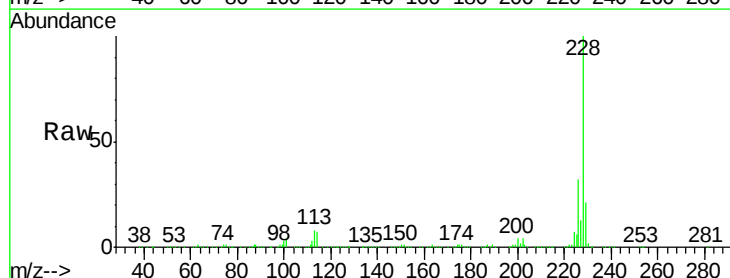
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 851037
 Ion Ratio Lower Upper
 252 100
 254 66.0 53.5 80.3
 126 7.1 4.9 7.3



#82
 Chrysene
 Concen: 45.13 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

Tgt Ion:228 Resp: 2085018
 Ion Ratio Lower Upper
 228 100
 226 31.7 24.3 36.5
 229 20.9 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.28 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

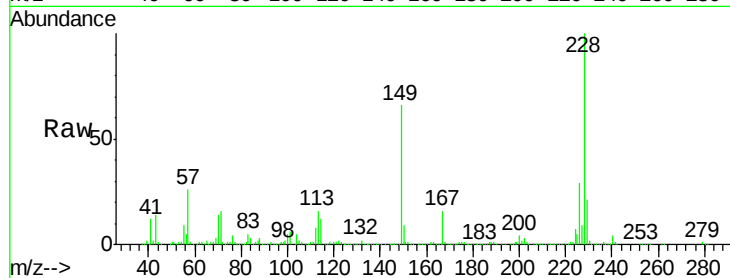
Tot Ion:149 Resp: 1380012

Ion Ratio Lower Upper

149 100

167 24.9 19.7 29.5

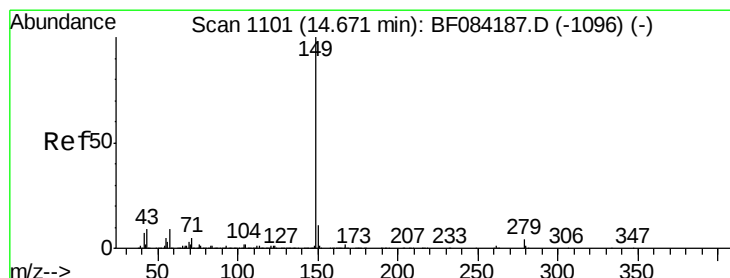
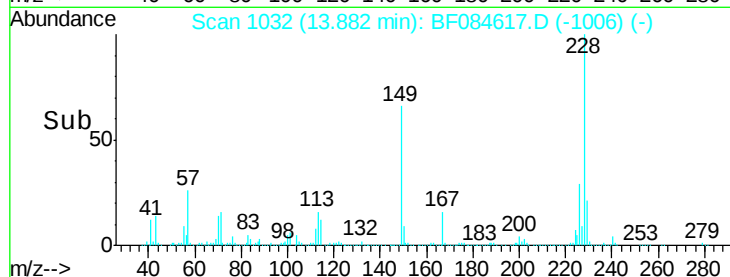
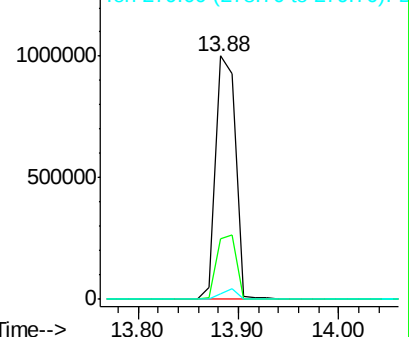
279 2.1 1.8 2.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.91 ng

RT: 14.50 min Scan# 1086

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

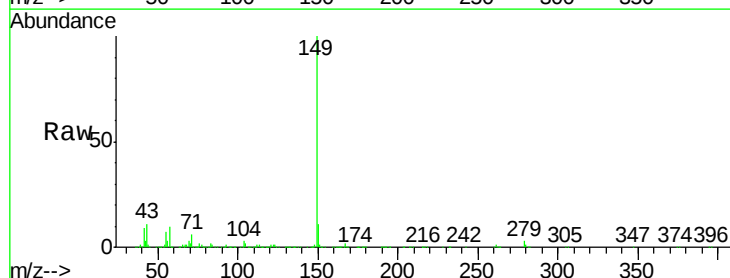
Tgt Ion:149 Resp: 2485662

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

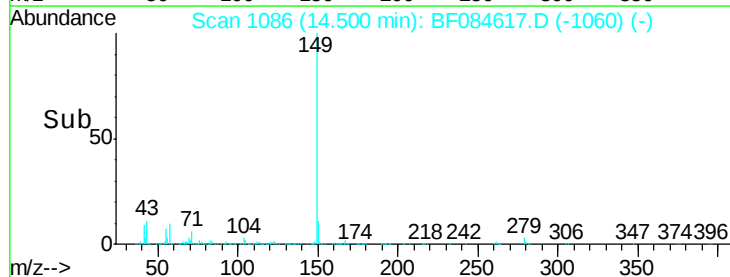
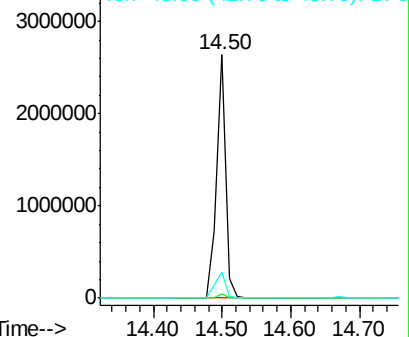
43 12.3 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.10 ng

RT: 16.61 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

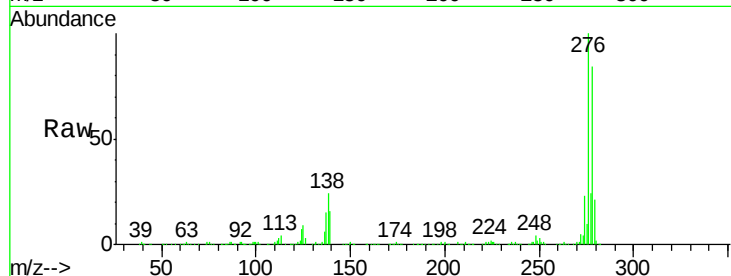
Tot Ion:276 Resp: 1651729

Ion Ratio Lower Upper

276 100

138 24.6 20.6 30.8

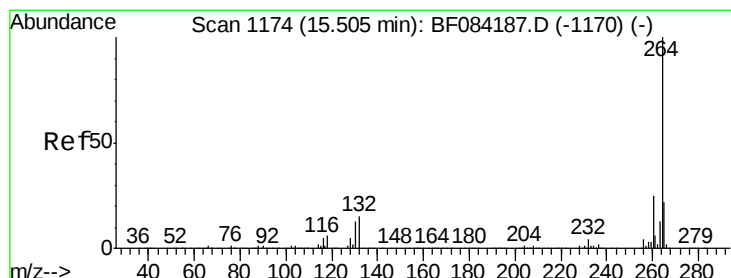
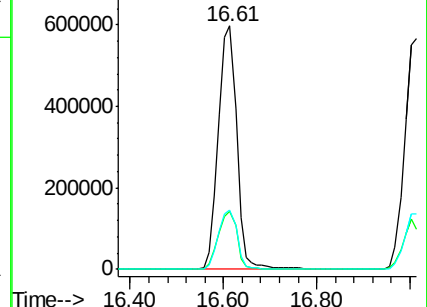
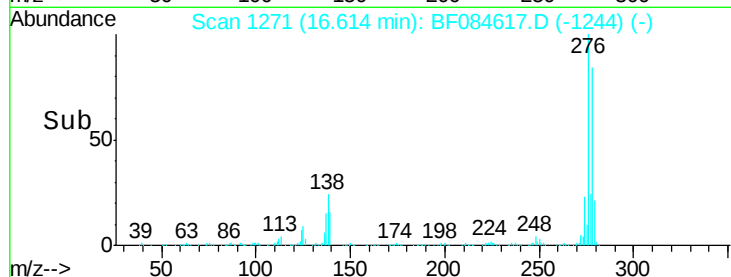
277 24.8 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.28 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

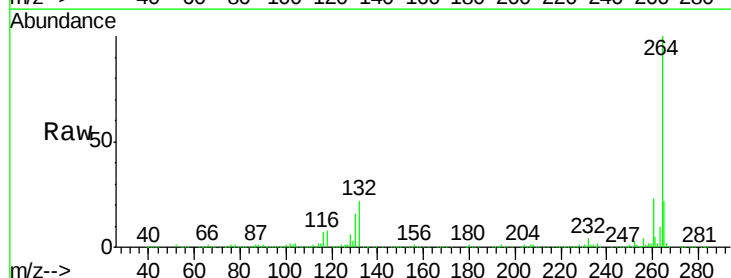
Tgt Ion:264 Resp: 810216

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

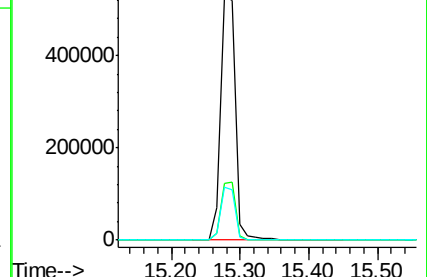
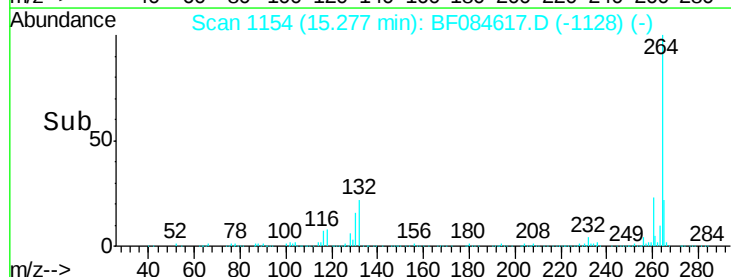
265 21.9 17.8 26.6

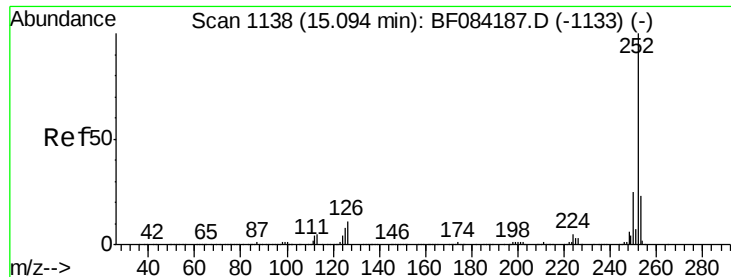


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

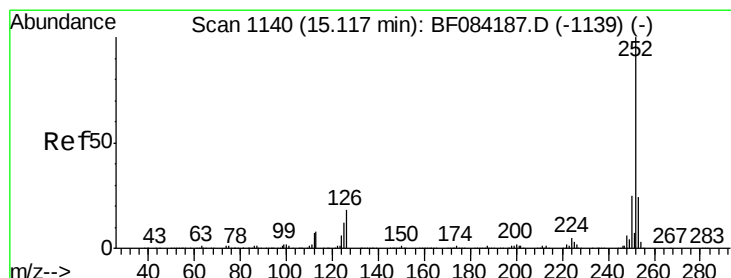
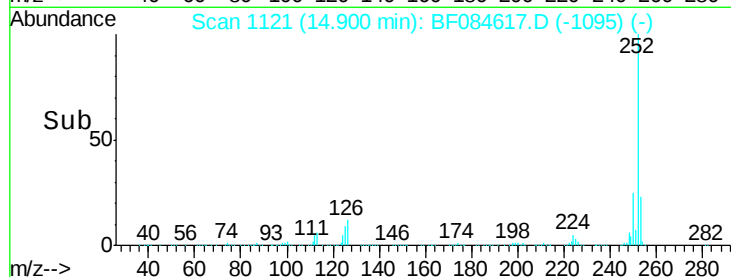
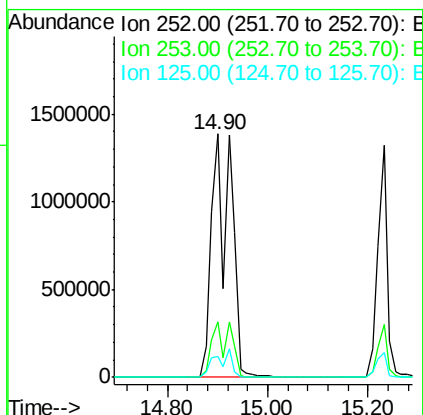
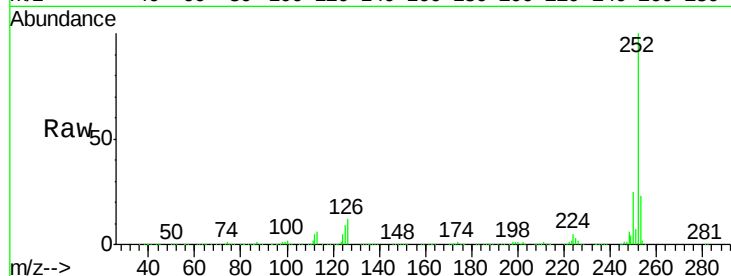




#87
Benzo(b)fluoranthene
Concen: 69.48 ng
RT: 14.90 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

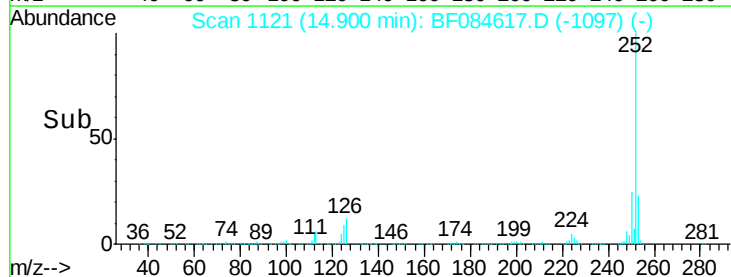
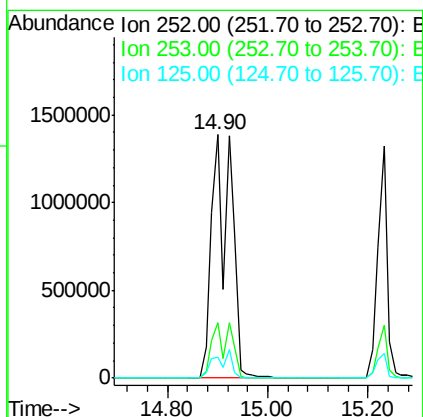
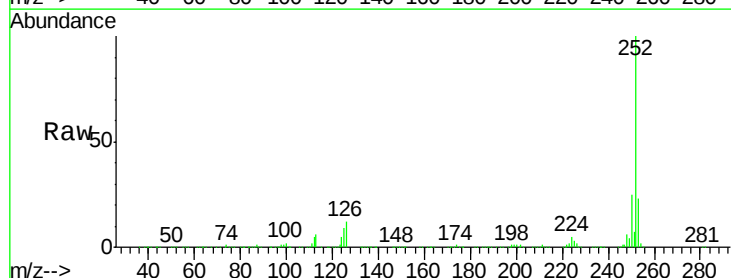
Instrument :
BNA_F
ClientSampleId :

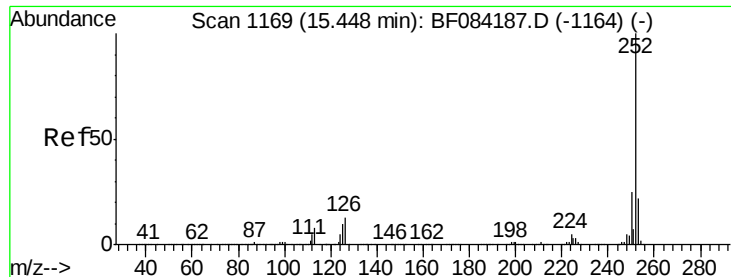
Tot Ion:252 Resp: 3682434
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 8.7 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 84.95 ng
RT: 14.90 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion:252 Resp: 3682434
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 8.7 9.0 13.6#

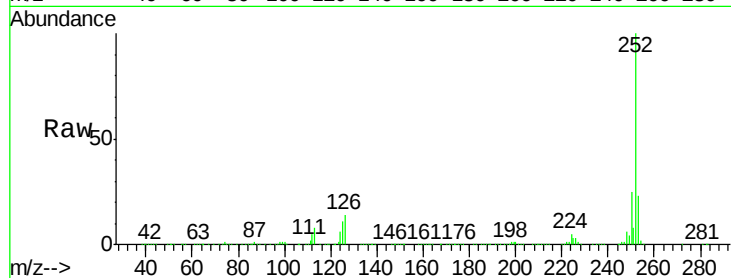




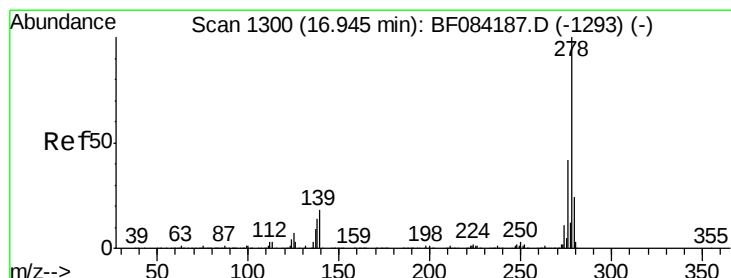
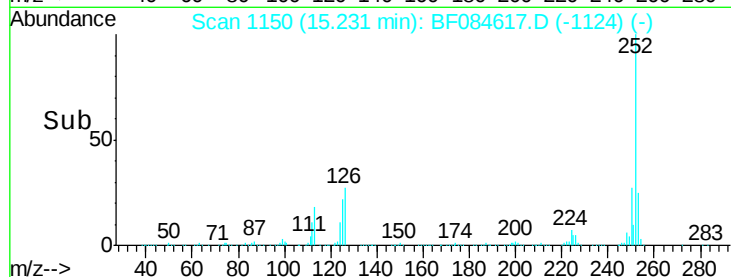
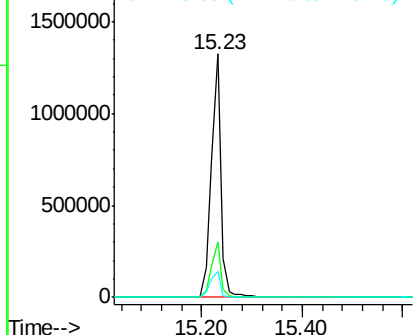
#89
Benzo(a)pyrene
Concen: 38.72 ng
RT: 15.23 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1740707
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 10.6 7.0 10.4#

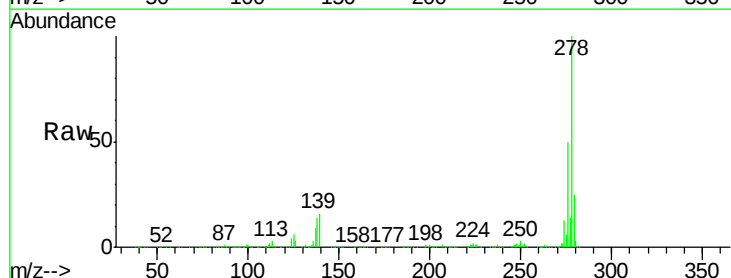


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

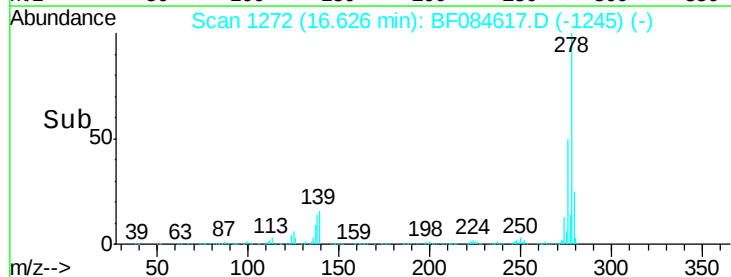
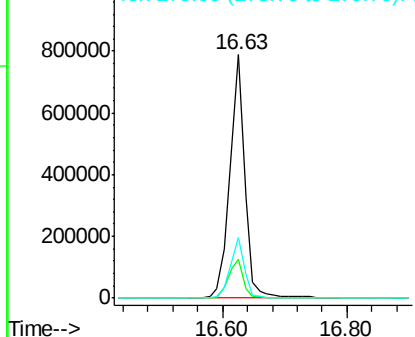


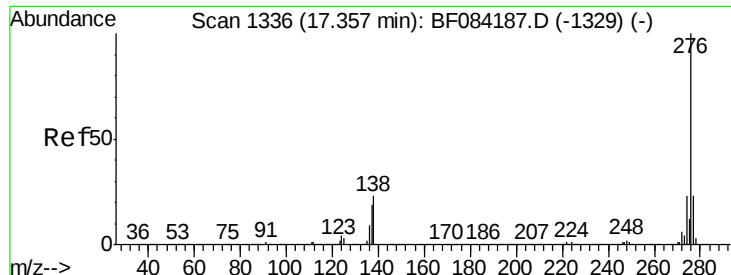
#90
Dibenzo(a,h)anthracene
Concen: 34.59 ng
RT: 16.63 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion:278 Resp: 1338160
Ion Ratio Lower Upper
278 100
139 15.9 15.0 22.4
279 24.7 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(a,h,i)perylene

Concen: 33.53 ng

RT: 17.01 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

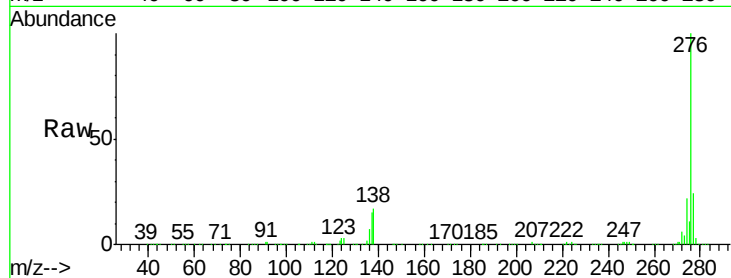
Tot Ion:276 Resp: 1343110

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 17.1 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

