

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083148.D
 Acq On : 22 Nov 2015 9:55
 Operator : UM/IZ
 Sample : G4510-08MS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 02:59:52 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	206302	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	786538	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	404354	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	737254	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	587975	20.00	ng	-0.01
86) Perylene-d12	15.15	264	511318	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1144428	83.87	ng	-0.01
7) Phenol-d6	6.32	99	988675	56.00	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1624552	94.38	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	511556	123.66	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	2507733	86.48	ng	0.00
78) Terphenyl-d14	12.75	244	2151233	86.16	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.19	88	121081	17.91	ng	96
4) n-Nitrosodimethylamine	2.79	42	143384	17.41	ng	82
6) Aniline	6.40	93	786990	36.47	ng	# 51
8) 2-Chlorophenol	6.44	128	629129	42.67	ng	98
9) Benzaldehyde	6.19	77	538397	Below	Cal	95
10) Phenol	6.33	94	398087	18.64	ng	# 77
11) bis(2-Chloroethyl)ether	6.40	93	786990	51.60	ng	98
12) 1,3-Dichlorobenzene	6.82	146	613045	36.42	ng	99
13) 1,4-Dichlorobenzene	6.67	146	675738	39.68	ng	93
14) 1,2-Dichlorobenzene	6.82	146	623466	40.28	ng	96
15) Benzyl Alcohol	6.82	79	378949	25.68	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1139274	47.90	ng	89
17) 2-Methylphenol	6.95	107	723677	59.32	ng	# 74
18) Hexachloroethane	7.16	117	244826	40.82	ng	# 87
19) n-Nitroso-di-n-propylamine	7.10	70	603595	49.12	ng	# 90
20) 3+4-Methylphenols	7.10	107	572873	37.15	ng	95
22) Acetophenone	7.07	105	995489	44.09	ng	# 98
24) Nitrobenzene	7.24	77	799036	43.44	ng	99
25) Isophorone	7.50	82	1521000	46.67	ng	99
26) 2-Nitrophenol	7.56	139	378605	46.63	ng	96
27) 2,4-Dimethylphenol	7.62	122	590536	45.57	ng	97
28) bis(2-Chloroethoxy)methane	7.71	93	904035	47.71	ng	98
29) 2,4-Dichlorophenol	7.82	162	608463	49.37	ng	98
30) 1,2,4-Trichlorobenzene	7.88	180	579219	42.78	ng	95
31) Naphthalene	7.96	128	1922894	45.30	ng	98
32) Benzoic acid	7.75	122	141794	14.08	ng	98
33) 4-Chloroaniline	8.03	127	69113	4.20	ng	94
34) Hexachlorobutadiene	8.09	225	344721	43.09	ng	98
35) Caprolactam	8.51	113	17114	4.33	ng	# 16
36) 4-Chloro-3-methylphenol	8.51	107	607190	42.53	ng	# 85
37) 2-Methylnaphthalene	8.65	142	1234332	44.80	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	550979	42.04	ng	# 97
40) Hexachlorocyclopentadiene	8.81	237	458642	61.54	ng	97
42) 2,4,6-Trichlorophenol	8.95	196	415240	44.24	ng	99

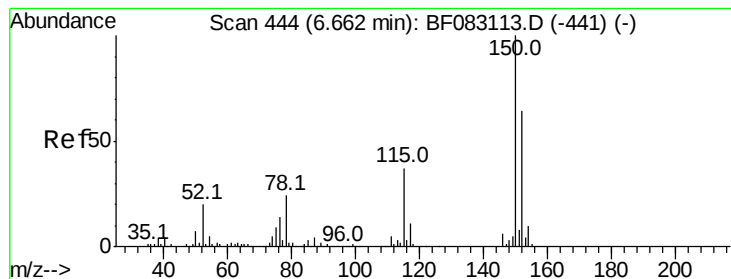
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083148.D
 Acq On : 22 Nov 2015 9:55
 Operator : UM/IZ
 Sample : G4510-08MS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 02:59:52 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.98	196	447650	46.64	nq	# 88
45) 1,1'-Biphenyl	9.12	154	1407020	40.88	nq	95
46) 2-Chloronaphthalene	9.14	162	1196131	44.25	nq	95
47) 2-Nitroaniline	9.24	65	430583	45.03	nq	99
48) Acenaphthylene	9.55	152	1752708	41.84	nq	99
49) Dimethylphthalate	9.44	163	1534977	49.31	nq	99
50) 2,6-Dinitrotoluene	9.50	165	332548	47.61	nq	# 57
51) Acenaphthene	9.72	154	1102055	43.23	nq	100
52) 3-Nitroaniline	9.66	138	80256	10.78	nq	# 67
53) 2,4-Dinitrophenol	9.76	184	349807	86.92	nq	# 82
54) Dibenzofuran	9.90	168	1536650	42.62	nq	95
55) 4-Nitrophenol	9.85	139	217223	38.04	nq	# 77
56) 2,4-Dinitrotoluene	9.88	165	412760	46.64	nq	95
57) Fluorene	10.24	166	1311479	44.02	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	371025	47.13	nq	100
59) Diethylphthalate	10.14	149	1467351	47.35	nq	100
60) 4-Chlorophenyl-phenylether	10.24	204	608201	44.57	nq	# 80
61) 4-Nitroaniline	10.27	138	187652	25.59	nq	93
62) Azobenzene	10.39	77	1653084	46.74	nq	98
64) 4,6-Dinitro-2-methylphenol	10.30	198	232921	45.85	nq	# 76
65) n-Nitrosodiphenylamine	10.35	169	1073792	42.82	nq	100
66) 4-Bromophenyl-phenylether	10.72	248	379212	46.35	nq	# 85
67) Hexachlorobenzene	10.79	284	430520	47.79	nq	# 81
68) Atrazine	10.90	200	387596	53.23	nq	96
69) Pentachlorophenol	10.98	266	494050	84.19	nq	99
70) Phenanthrene	11.19	178	1868815	44.00	nq	99
71) Anthracene	11.24	178	2036375	46.99	nq	99
72) Carbazole	11.40	167	1698289	44.09	nq	99
73) Di-n-butylphthalate	11.75	149	2267531	48.23	nq	99
74) Fluoranthene	12.38	202	2081541	47.88	nq	96
77) Pyrene	12.59	202	1931270	48.08	nq	99
79) Butylbenzylphthalate	13.23	149	994693	52.32	nq	99
80) Benzo(a)anthracene	13.78	228	1798933	49.47	nq	99
82) Chrysene	13.82	228	1382597	41.00	nq	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	1278192	51.48	nq	96
84) Di-n-octyl phthalate	14.40	149	2106609	49.28	nq	97
85) Indeno(1,2,3-cd)pyrene	16.42	276	1469427	47.91	nq	97
87) Benzo(b)fluoranthene	14.81	252	2831898	81.06	nq	# 97
88) Benzo(k)fluoranthene	14.81	252	2831898	108.79	nq	98
89) Benzo(a)pyrene	15.11	252	1312617	45.51	nq	98
90) Dibenzo(a,h)anthracene	16.43	278	1236119	47.18	nq	# 97
91) Benzo(g,h,i)perylene	16.80	276	1228512	48.03	nq	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampled :

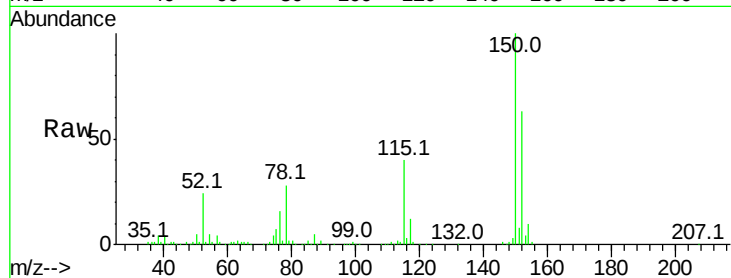
Tot Ion:152 Resp: 206302

Ion Ratio Lower Upper

152 100

150 158.2 125.8 188.8

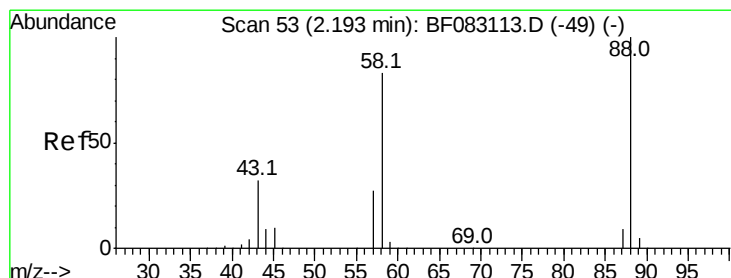
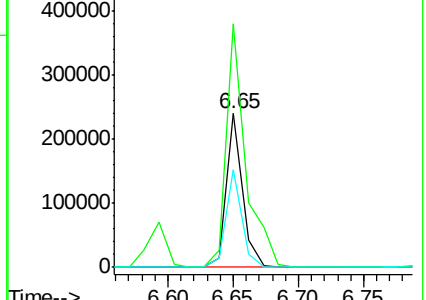
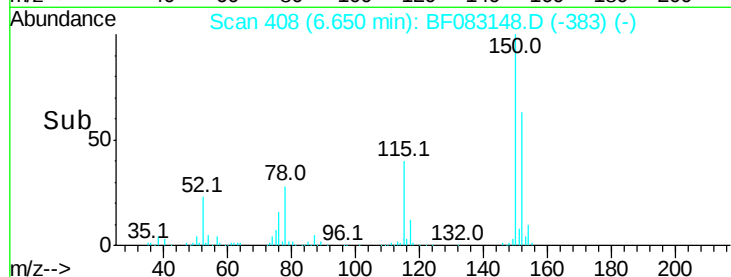
115 63.5 46.9 70.3



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: 17.91 ng

RT: 2.19 min Scan# 18

Delta R.T. 0.00 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

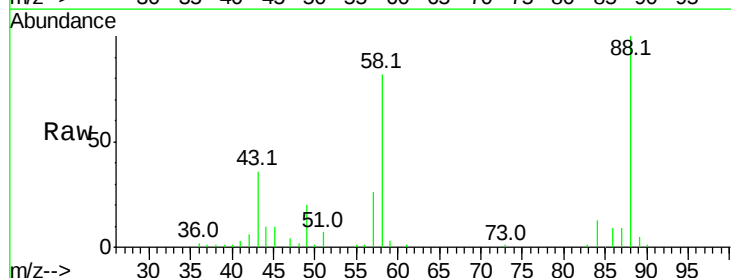
Tgt Ion: 88 Resp: 121081

Ion Ratio Lower Upper

88 100

58 86.0 65.0 97.6

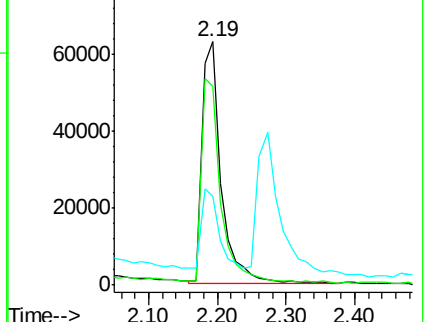
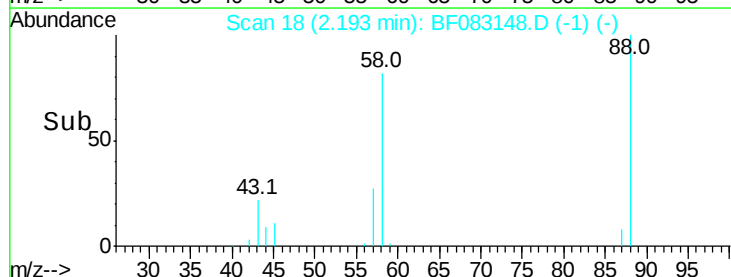
43 30.0 24.7 37.1

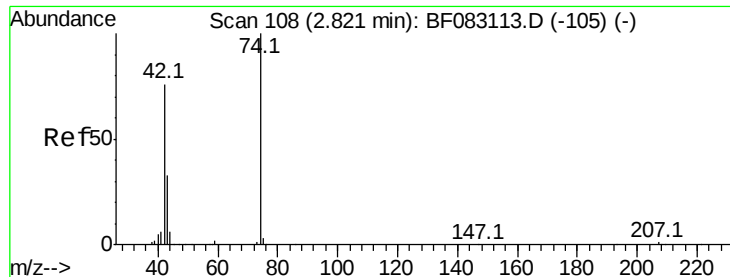


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 17.41 ng

RT: 2.79 min Scan# 70

Delta R.T. -0.03 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

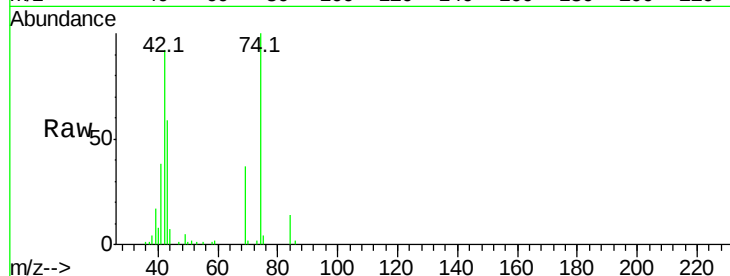
Tot Ion: 42 Resp: 143384

Ion Ratio Lower Upper

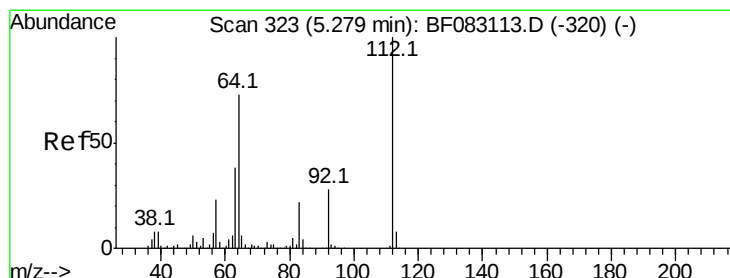
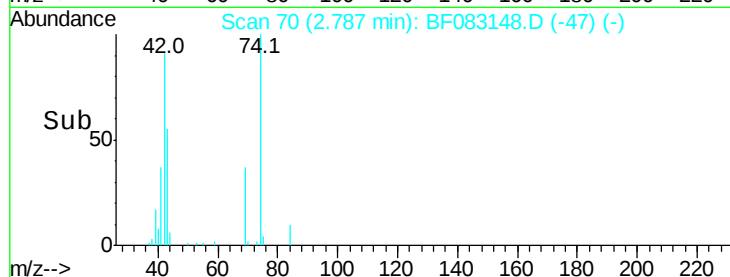
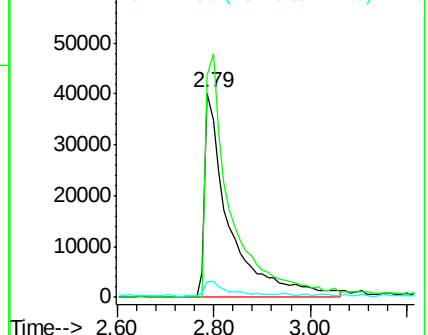
42 100

74 108.8 104.8 157.2

44 7.7 6.2 9.4



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



#5

2-Fluorophenol

Concen: 83.87 ng

RT: 5.27 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

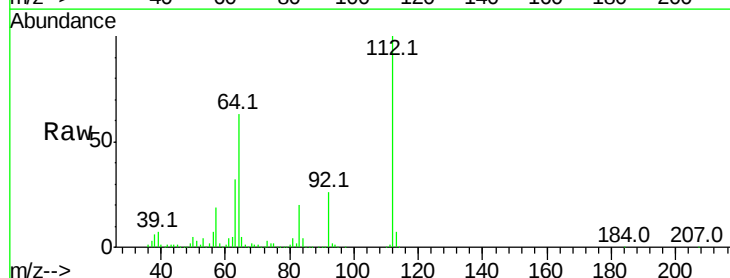
Tgt Ion: 112 Resp: 1144428

Ion Ratio Lower Upper

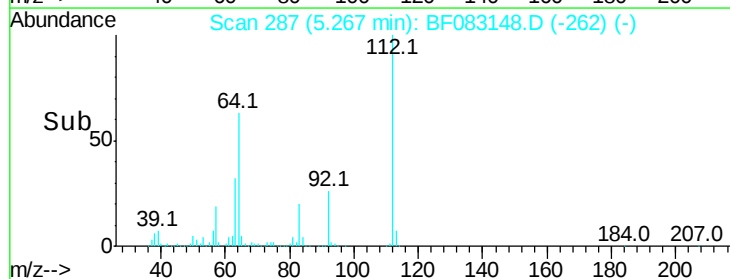
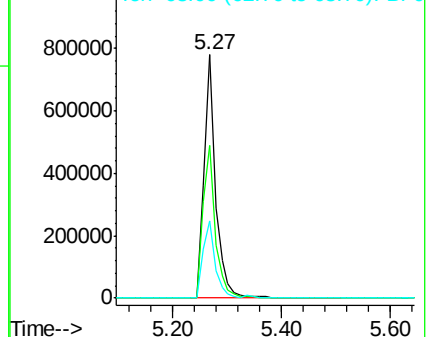
112 100

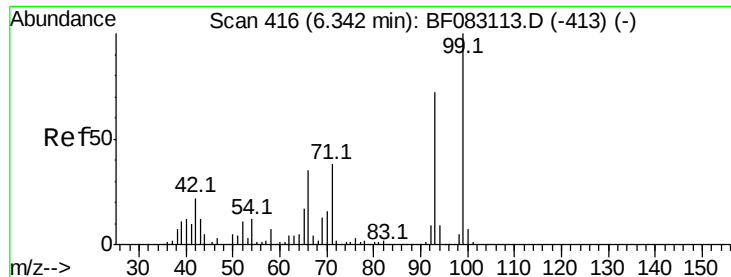
64 62.9 58.4 87.6

63 31.7 30.0 45.0



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: 36.47 ng

RT: 6.40 min Scan# 386

Delta R.T. 0.06 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

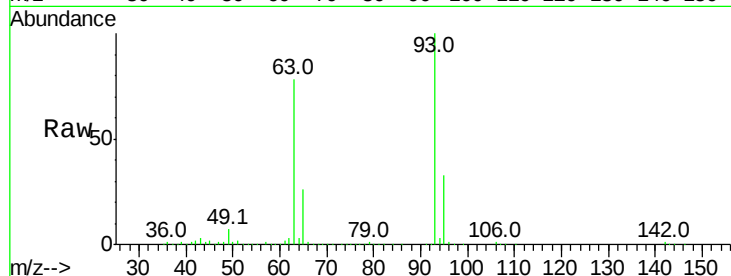
Tot Ion: 93 Resp: 786990

Ion Ratio Lower Upper

93 100

66 0.9 38.7 58.1#

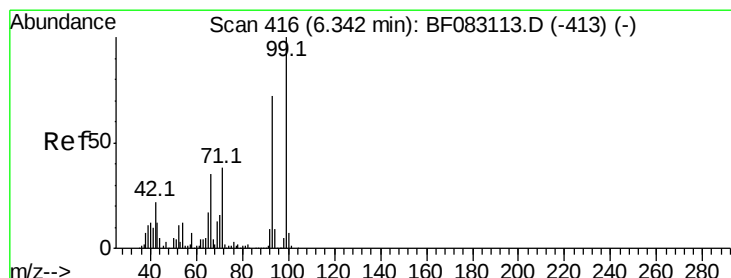
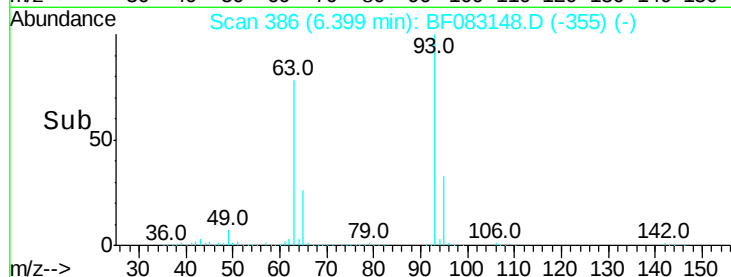
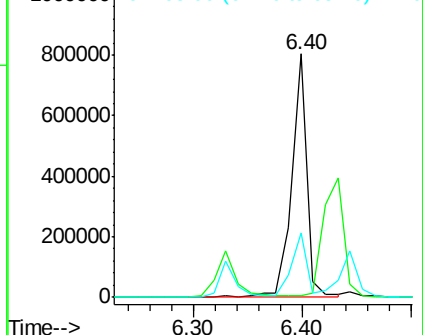
65 26.2 18.6 27.8



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: 56.00 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

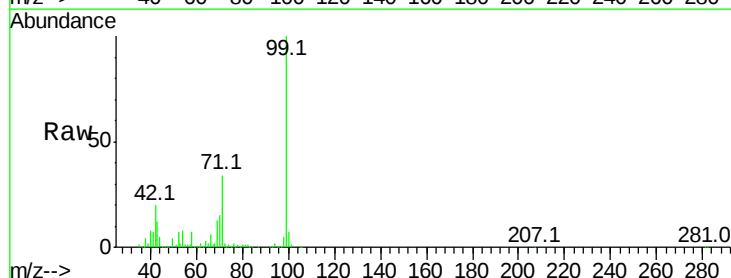
Tgt Ion: 99 Resp: 988675

Ion Ratio Lower Upper

99 100

42 20.4 17.7 26.5

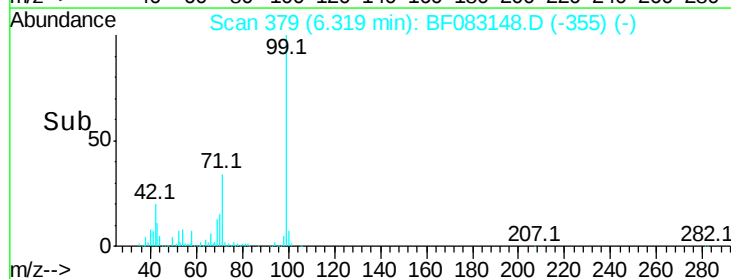
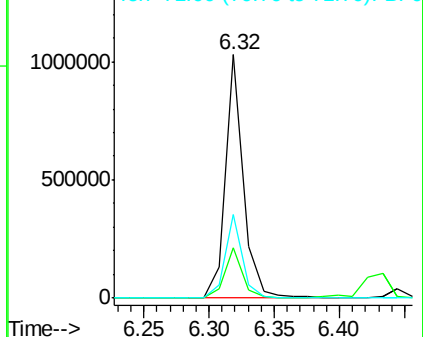
71 34.4 30.2 45.4

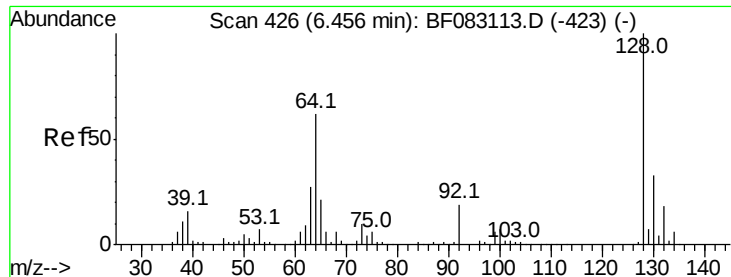


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 42.67 ng

RT: 6.44 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

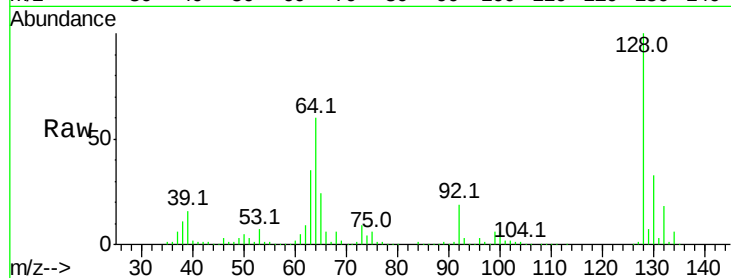
Tot Ion:128 Resp: 629129

Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

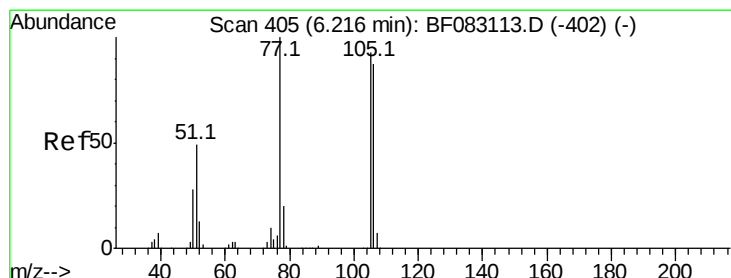
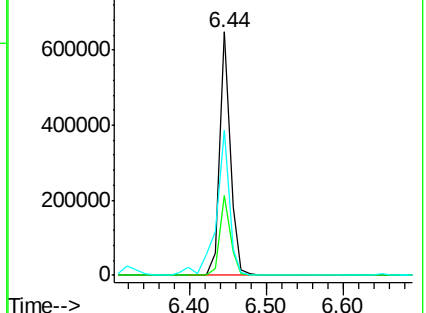
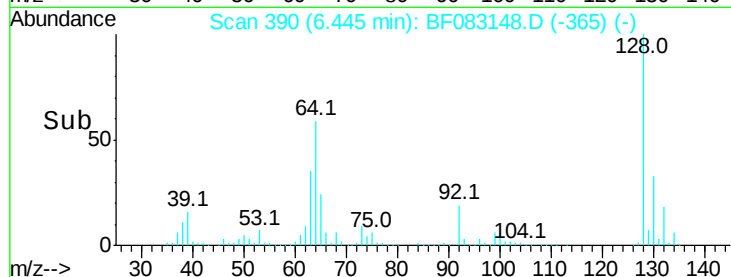
64 59.6 41.9 81.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.19 min Scan# 368

Delta R.T. -0.02 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

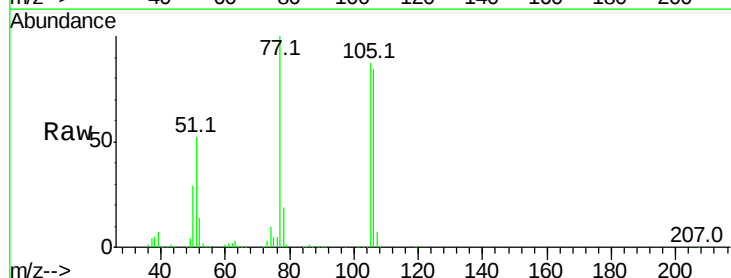
Tgt Ion: 77 Resp: 538397

Ion Ratio Lower Upper

77 100

105 86.8 73.4 113.4

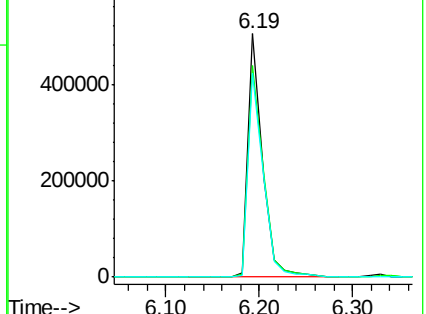
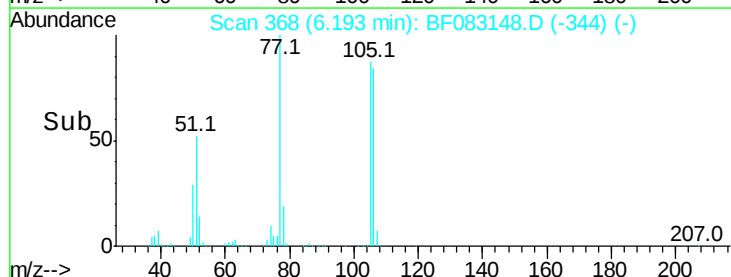
106 83.8 67.5 107.5

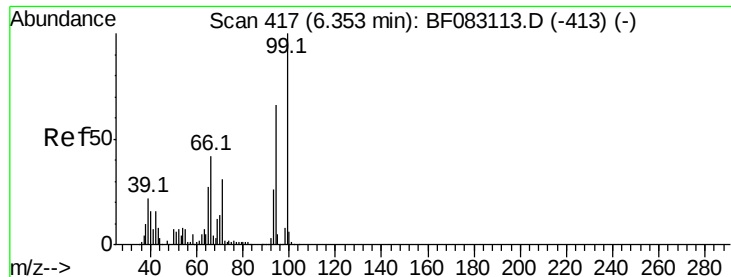


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 18.64 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampled :

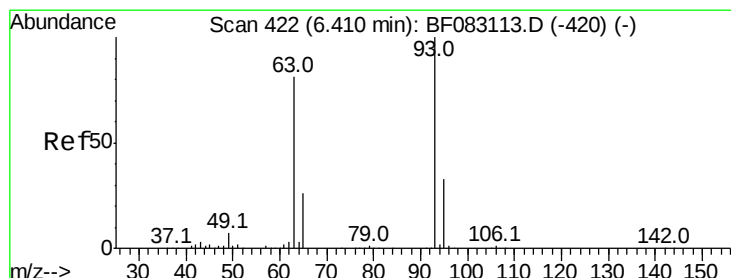
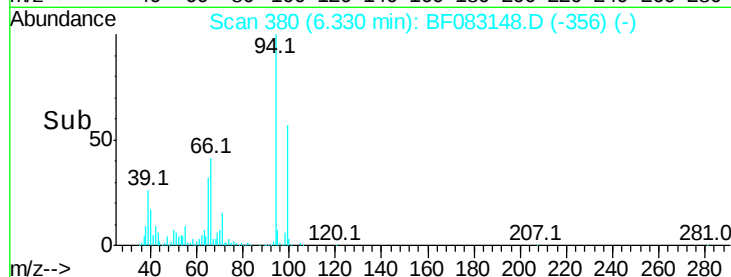
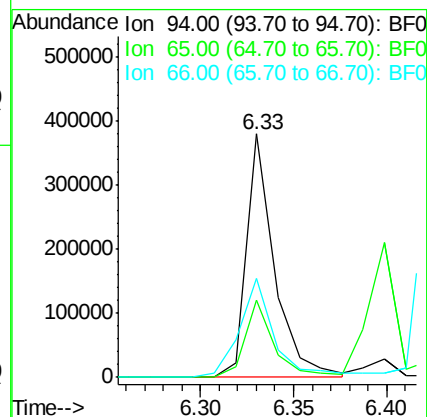
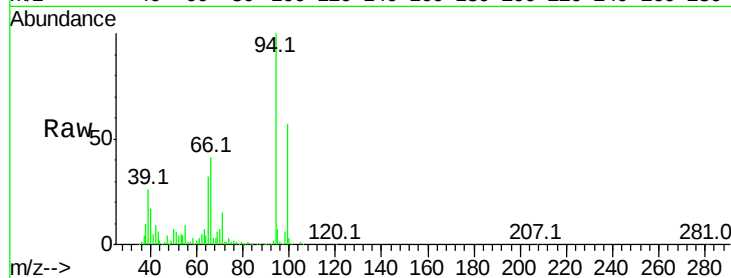
Tot Ion: 94 Resp: 398087

Ion Ratio Lower Upper

94 100

65 31.7 21.1 61.1

66 40.8 43.1 83.1#



#11

bis(2-Chloroethyl)ether

Concen: 51.60 ng

RT: 6.40 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

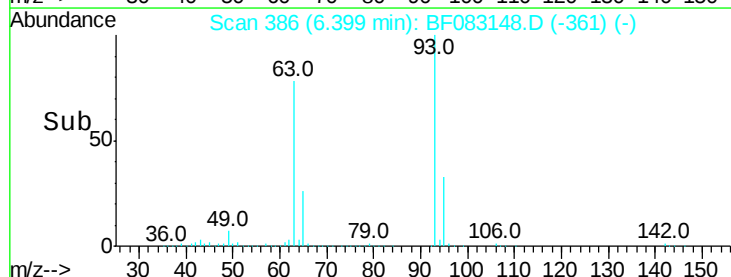
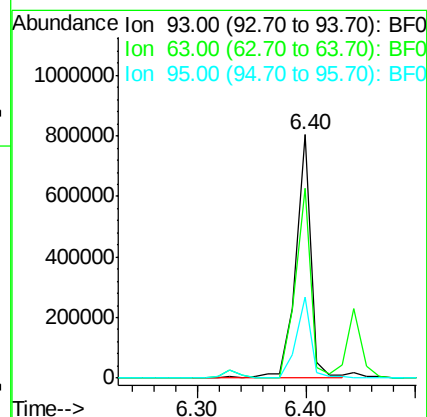
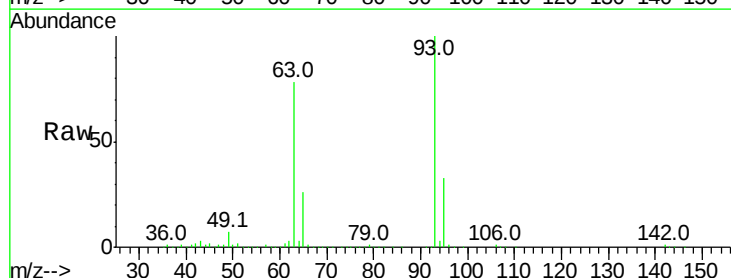
Tgt Ion: 93 Resp: 786990

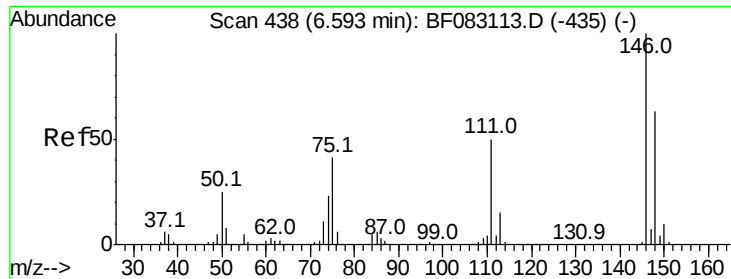
Ion Ratio Lower Upper

93 100

63 78.1 59.8 99.8

95 33.3 13.0 53.0





#12

1,3-Dichlorobenzene

Concen: 36.42 ng

RT: 6.82 min Scan# 423

Delta R.T. 0.23 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

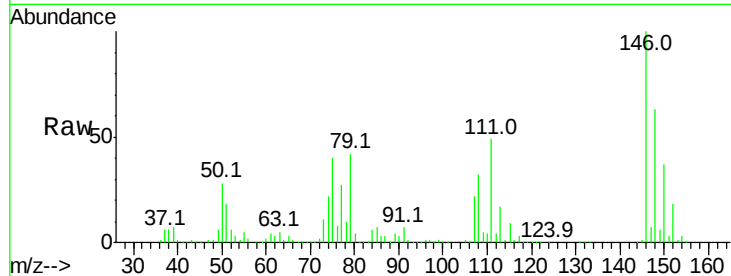
Tot Ion:146 Resp: 613045

Ion Ratio Lower Upper

146 100

148 62.9 50.2 75.2

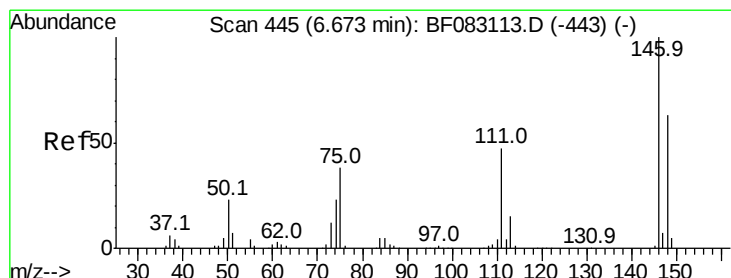
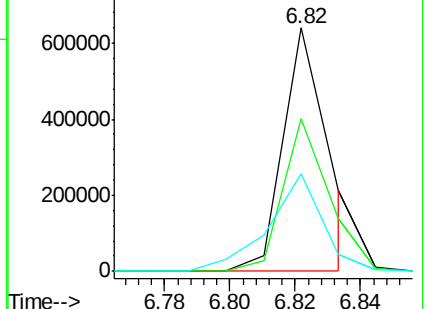
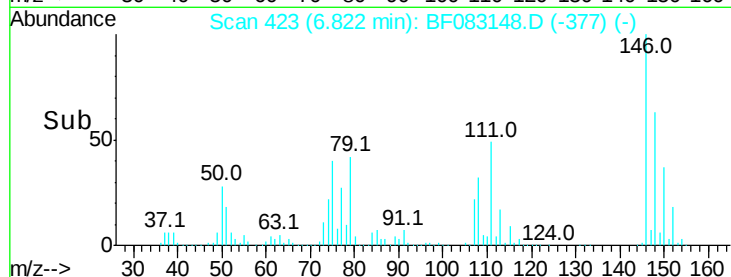
75 40.3 32.7 49.1



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: 39.68 ng

RT: 6.67 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

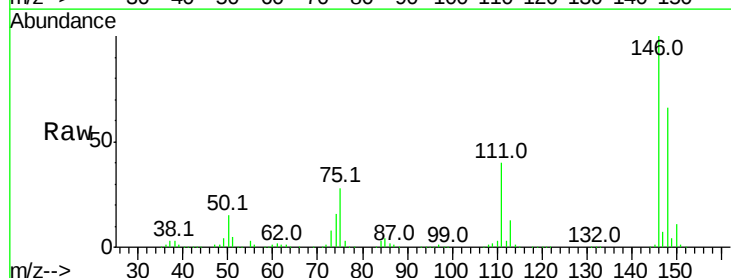
Tgt Ion:146 Resp: 675738

Ion Ratio Lower Upper

146 100

148 65.6 50.2 75.2

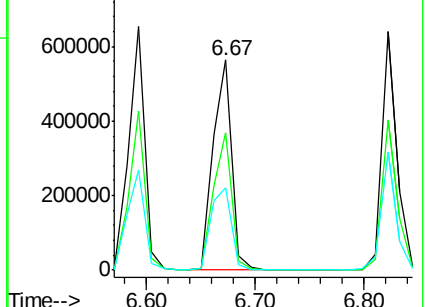
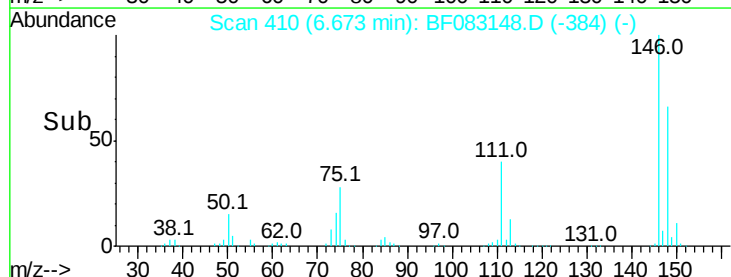
111 39.5 37.5 56.3

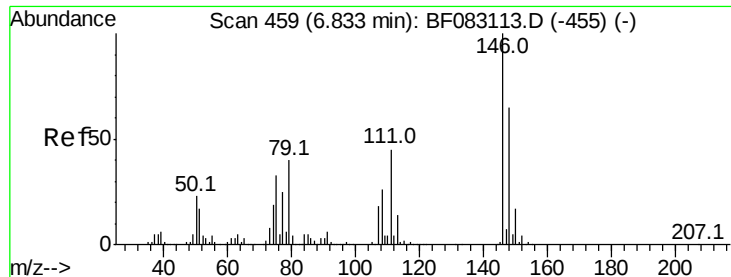


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 40.28 ng

RT: 6.82 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampled :

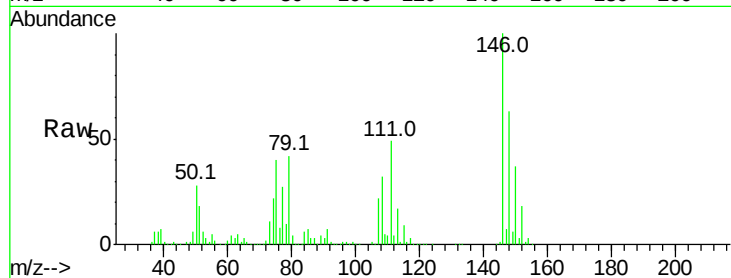
Tot Ion:146 Resp: 623466

Ion Ratio Lower Upper

146 100

148 62.9 51.8 77.6

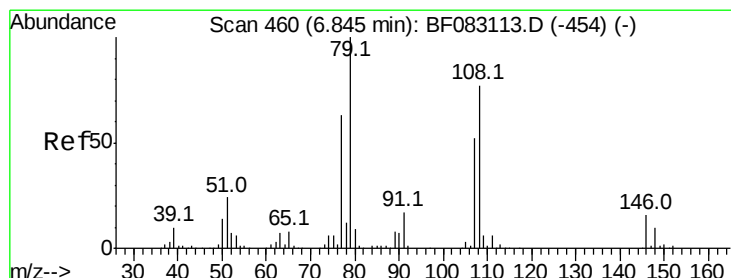
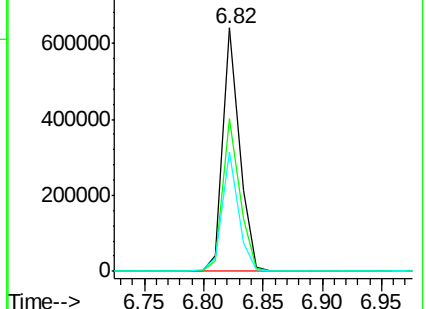
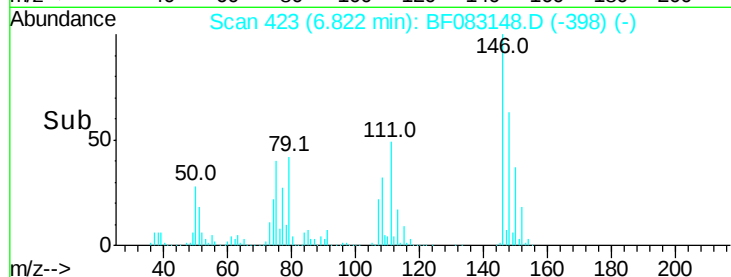
111 49.3 36.2 54.4



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



#15

Benzyl Alcohol

Concen: 25.68 ng

RT: 6.82 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

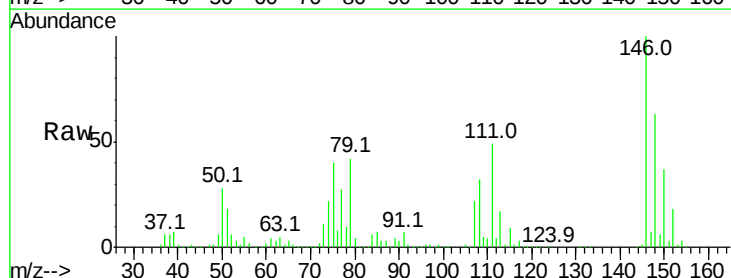
Tgt Ion: 79 Resp: 378949

Ion Ratio Lower Upper

79 100

108 76.8 61.4 92.2

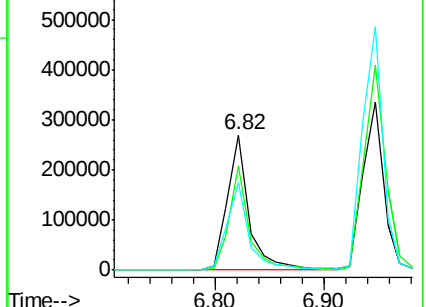
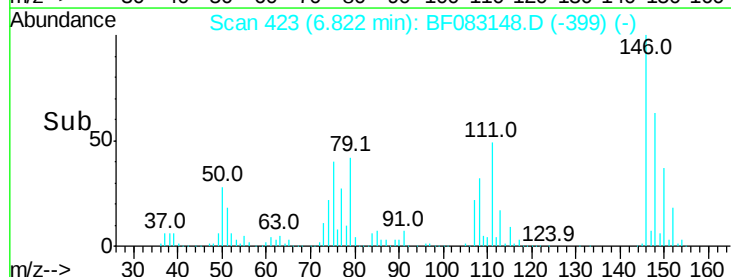
77 64.2 50.5 75.7

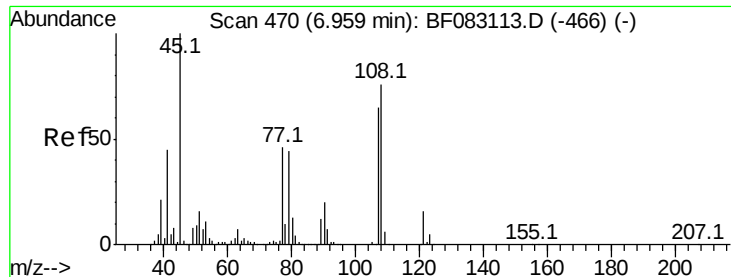


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

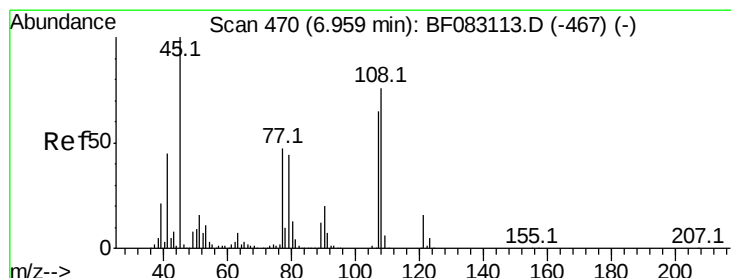
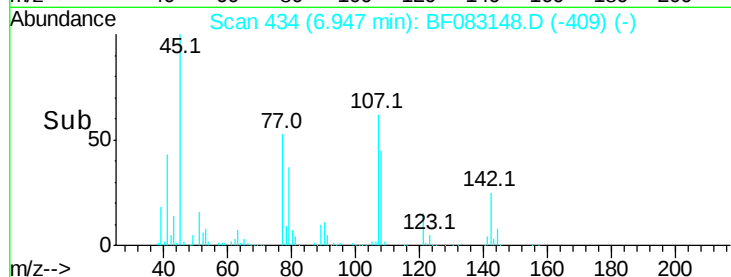
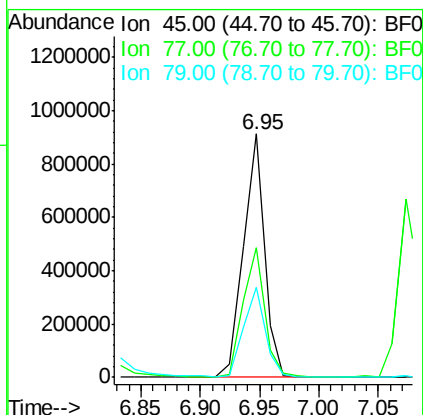
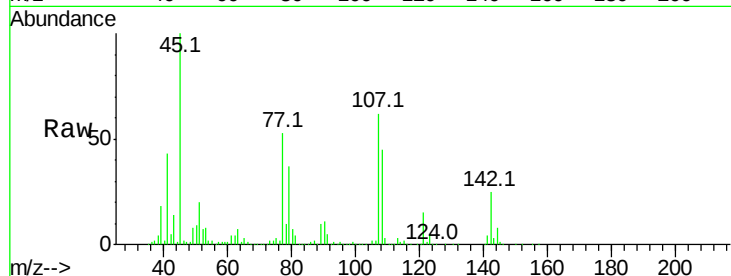




#16
2,2'-oxvbis(1-chloropropane)
Concen: 47.90 ng
RT: 6.95 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

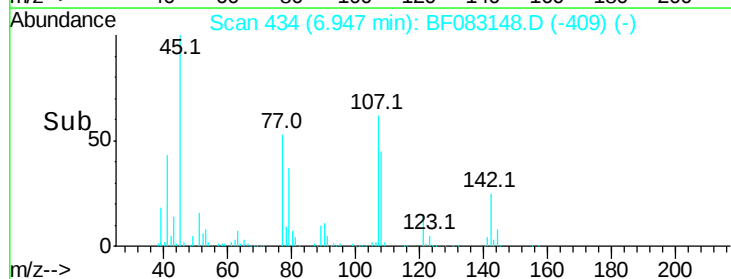
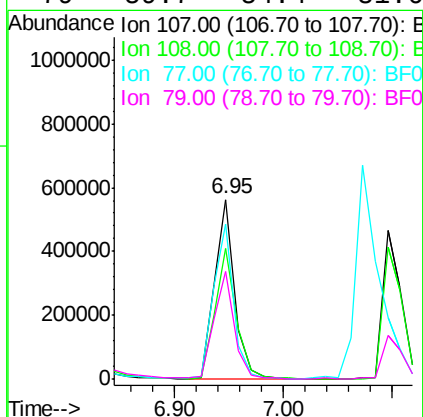
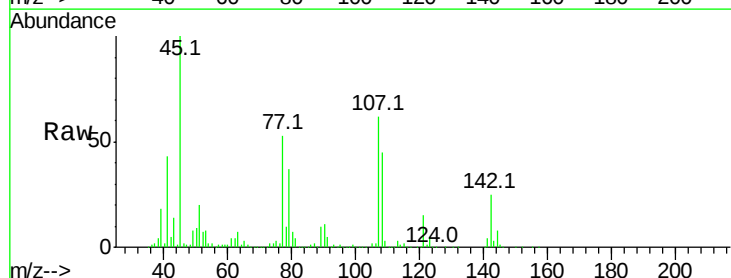
Instrument :
BNA_F
ClientSampleId :

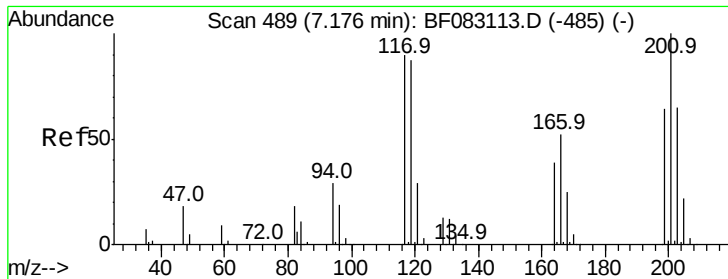
Tot Ion: 45 Resp: 1139274
Ion Ratio Lower Upper
45 100
77 53.2 26.7 66.7
79 36.9 24.3 64.3



#17
2-Methylphenol
Concen: 59.32 ng
RT: 6.95 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion: 107 Resp: 723677
Ion Ratio Lower Upper
107 100
108 72.6 93.8 140.6#
77 86.2 57.4 86.0#
79 59.7 54.4 81.6

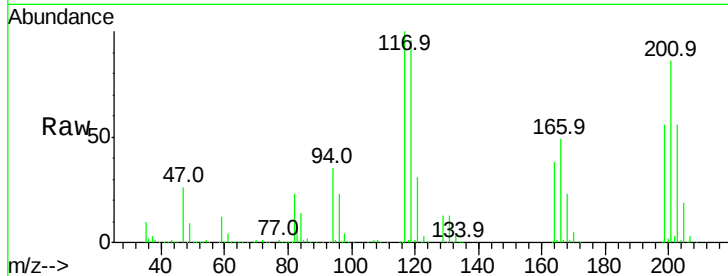




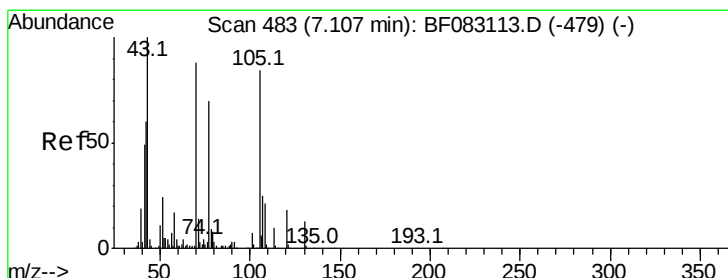
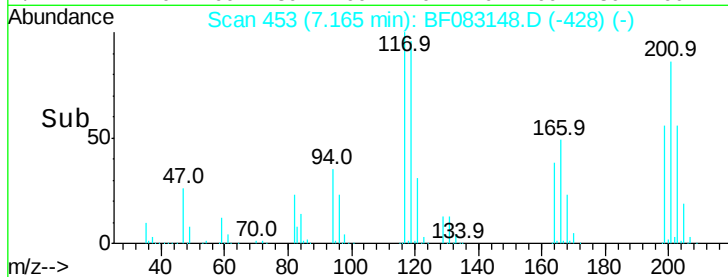
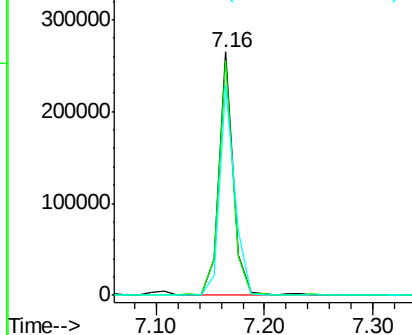
#18
Hexachloroethane
Concen: 40.82 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 244826
Ion Ratio Lower Upper
117 100
119 96.4 76.8 115.2
201 86.3 88.6 133.0#

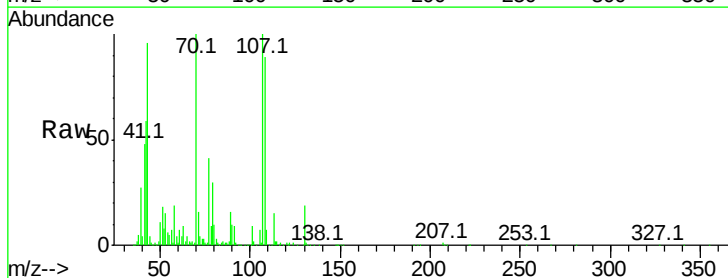


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

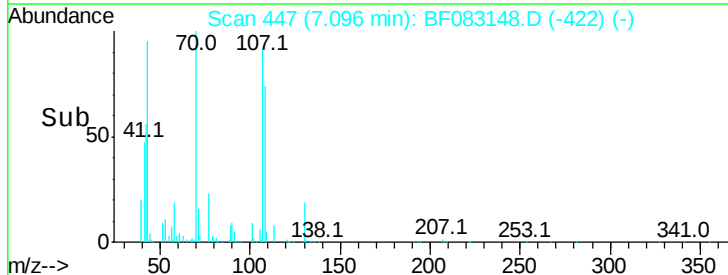
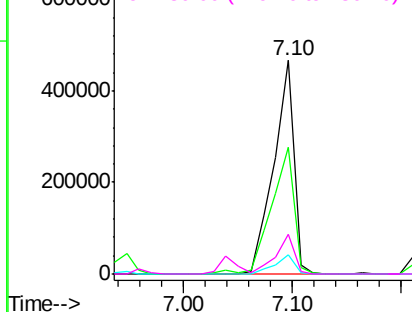


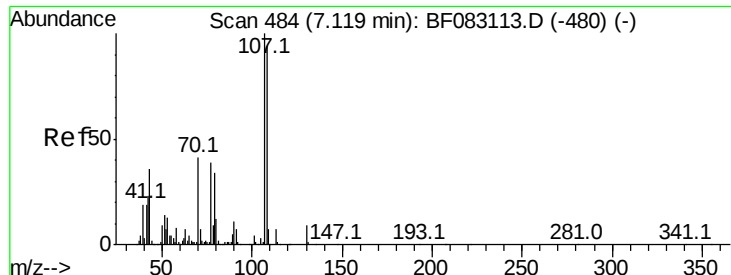
#19
n-Nitroso-di-n-propylamine
Concen: 49.12 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion: 70 Resp: 603595
Ion Ratio Lower Upper
70 100
42 59.5 54.5 81.7
101 9.1 6.6 9.8
130 18.8 11.5 17.3#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 37.15 ng

RT: 7.10 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 572873

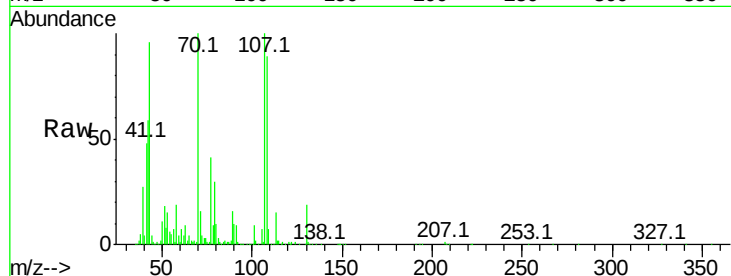
Ion Ratio Lower Upper

107 100

108 88.8 73.8 113.8

77 41.0 19.1 59.1

79 29.6 13.7 53.7



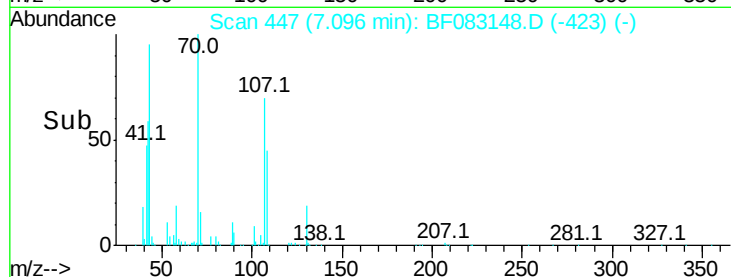
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

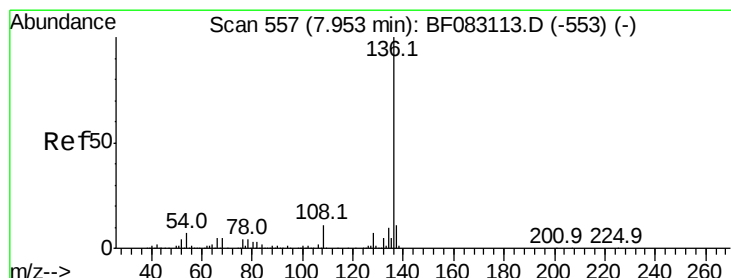
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Tgt Ion:136 Resp: 786538

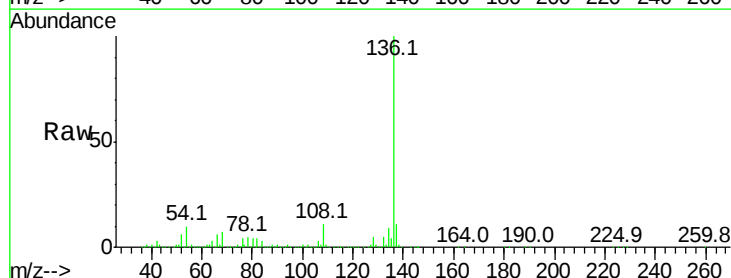
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.2 5.8 8.6#

68 7.2 3.8 5.8#



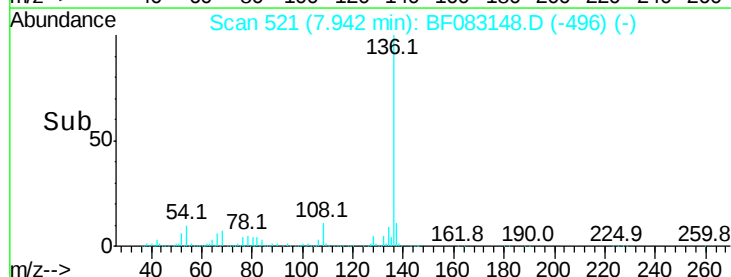
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

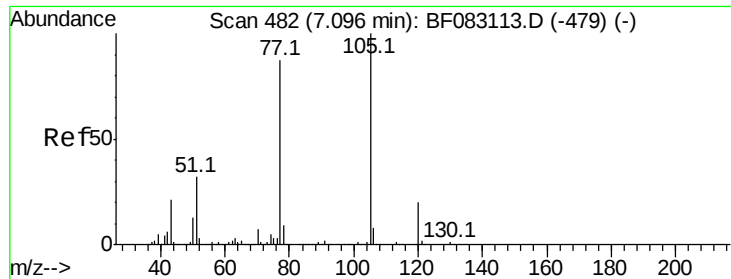
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->



Time-->



#22

Acetophenone

Concen: 44.09 ng

RT: 7.07 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 995489

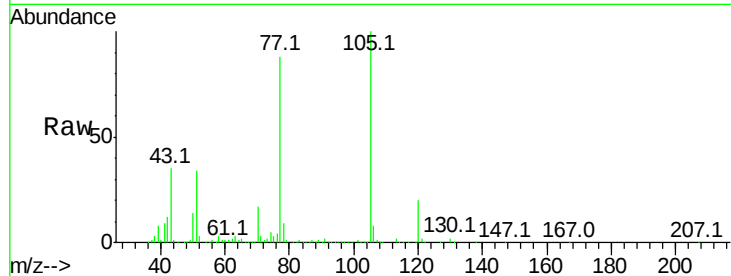
Ion Ratio Lower Upper

105 100

71 2.8 1.0 1.4#

51 33.5 25.6 38.4

120 19.7 15.8 23.6



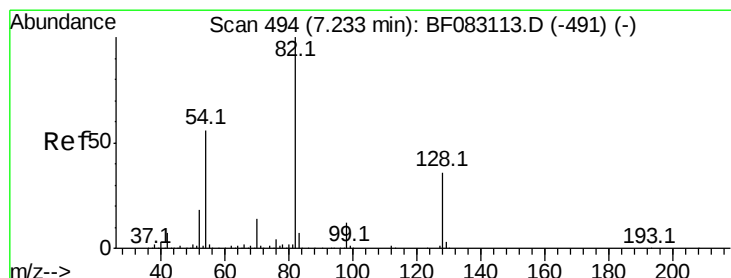
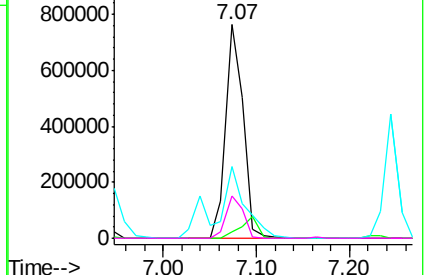
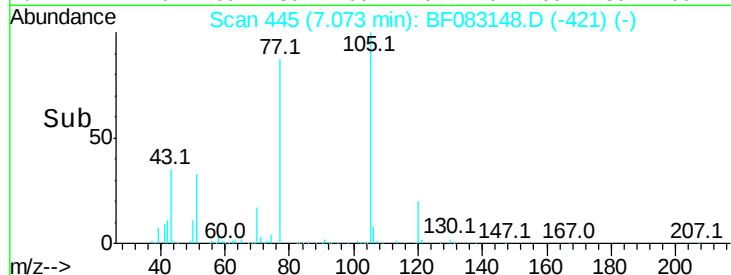
Abundance Ion 105.00 (104.70 to 105.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 94.38 ng

RT: 7.23 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

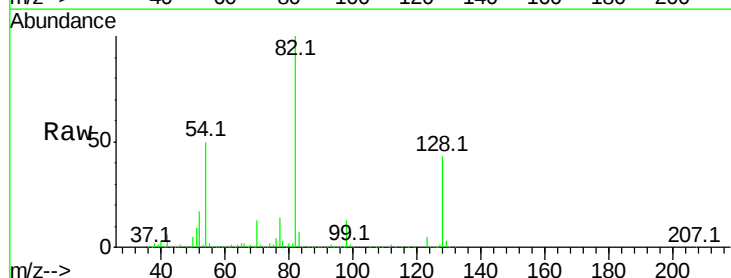
Tgt Ion: 82 Resp: 1624552

Ion Ratio Lower Upper

82 100

128 42.7 28.5 42.7#

54 50.3 44.6 67.0

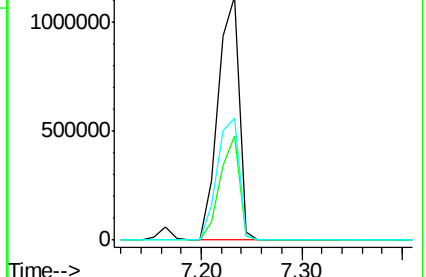
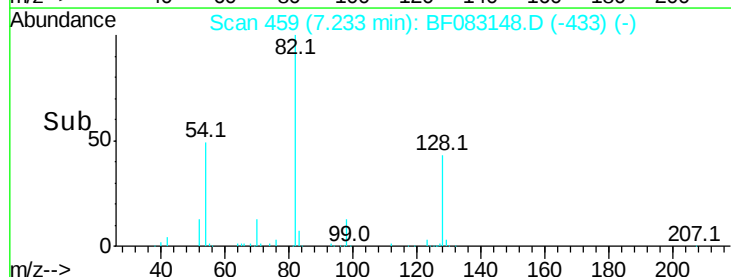


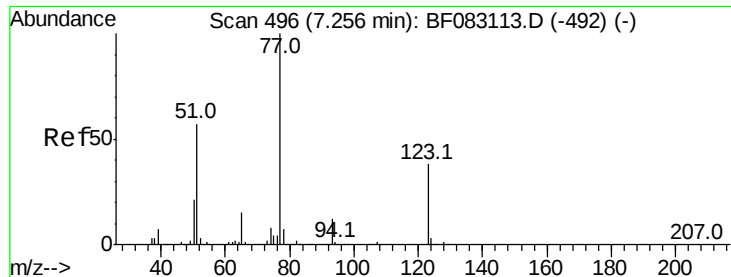
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->

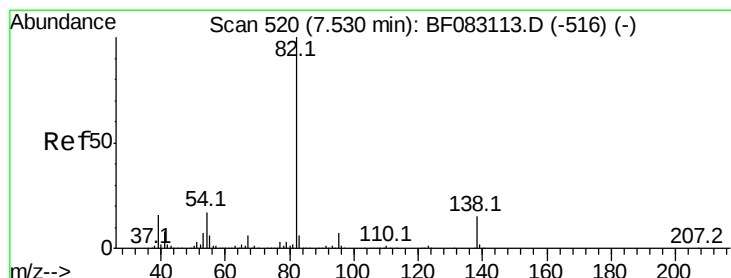
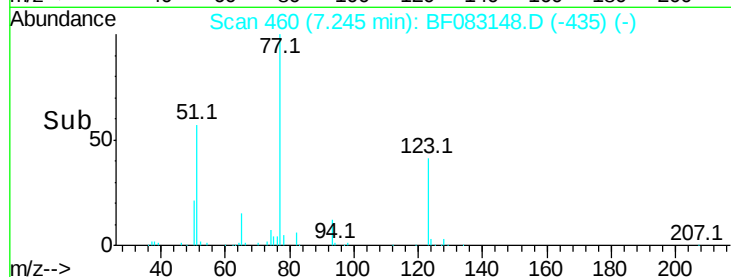
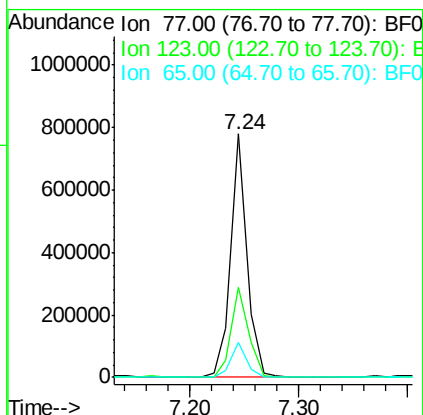
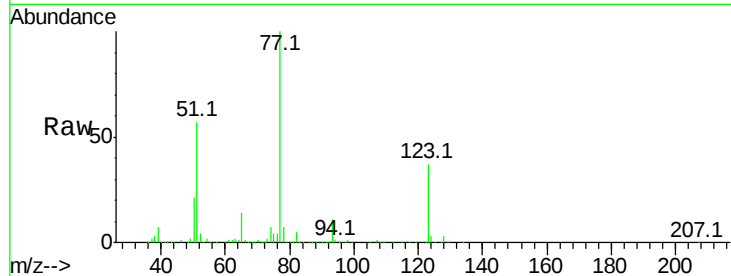




#24
Nitrobenzene
Concen: 43.44 ng
RT: 7.24 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

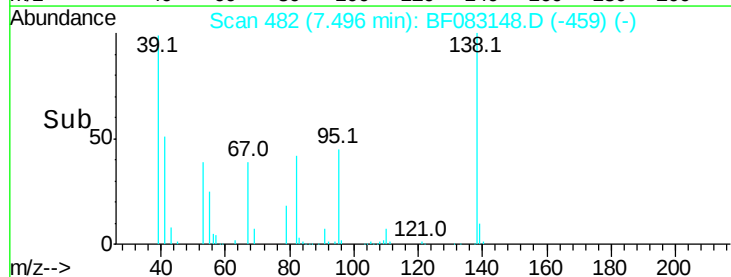
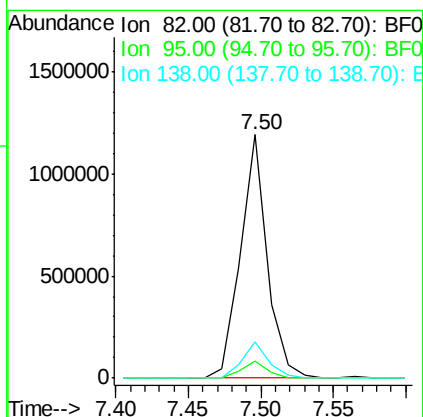
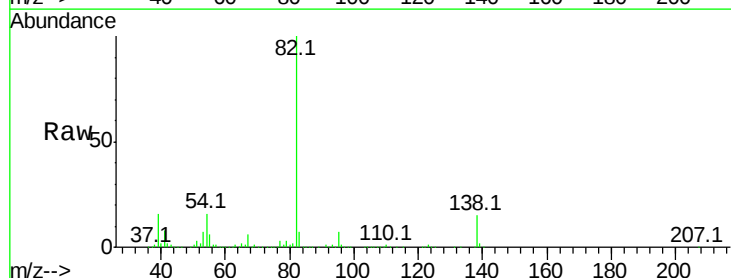
Instrument :
BNA_F
ClientSampled :

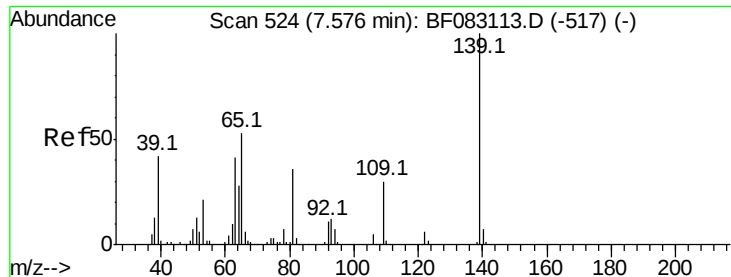
Tot Ion: 77 Resp: 799036
Ion Ratio Lower Upper
77 100
123 37.1 30.1 45.1
65 14.4 11.6 17.4



#25
Isophorone
Concen: 46.67 ng
RT: 7.50 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion: 82 Resp: 1521000
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.8
138 15.1 11.6 17.4

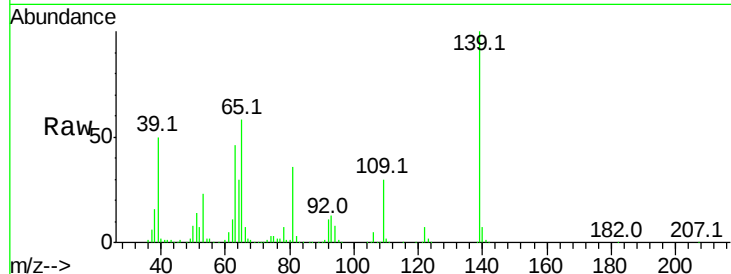




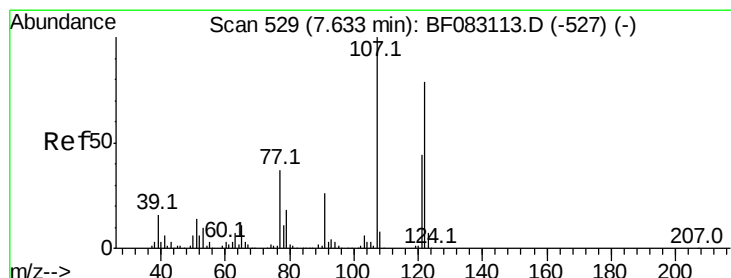
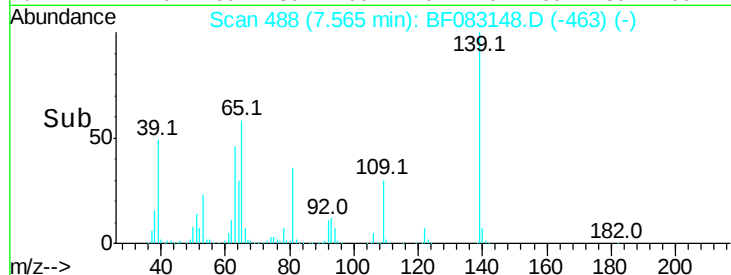
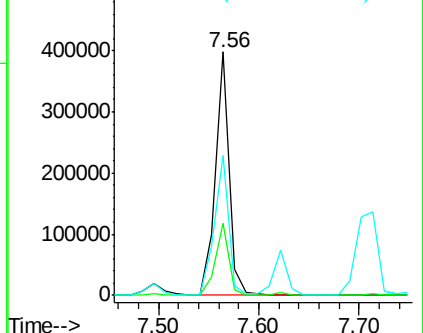
#26
2-Nitrophenol
Concen: 46.63 ng
RT: 7.56 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	29.8	23.9	35.9
65	57.7	42.7	64.1

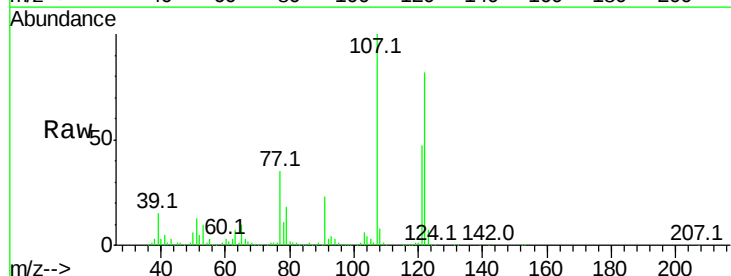


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

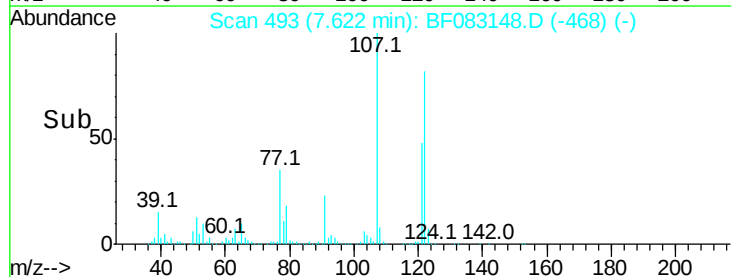
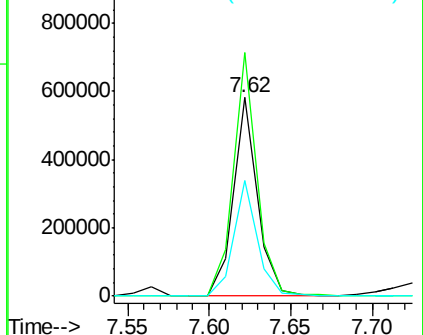


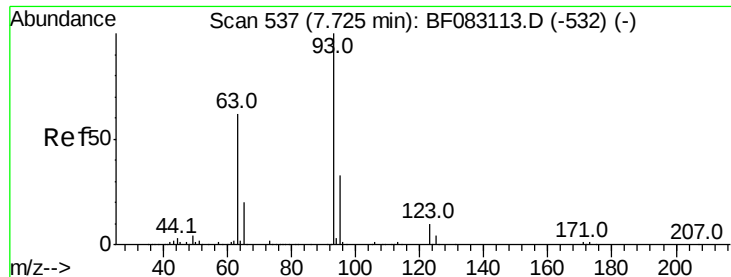
#27
2,4-Dimethylphenol
Concen: 45.57 ng
RT: 7.62 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion	Ratio	Lower	Upper
122	100		
107	122.6	101.1	151.7
121	58.2	44.9	67.3



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: 47.71 ng

RT: 7.71 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

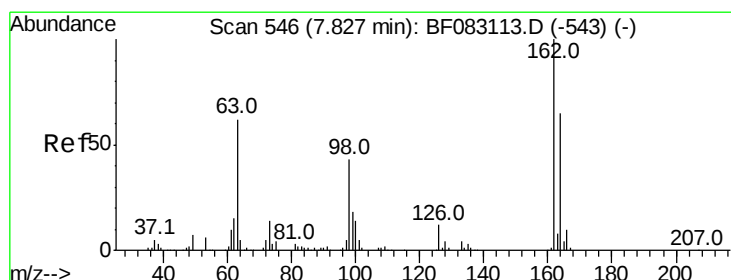
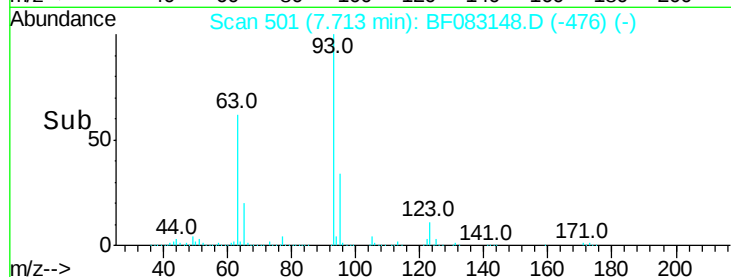
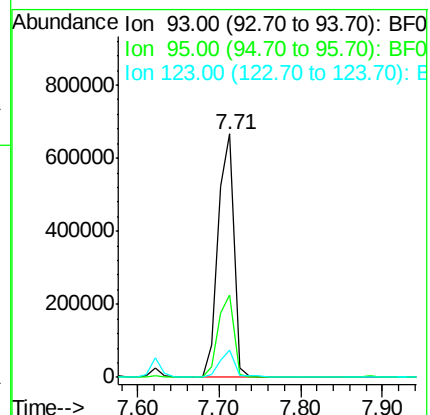
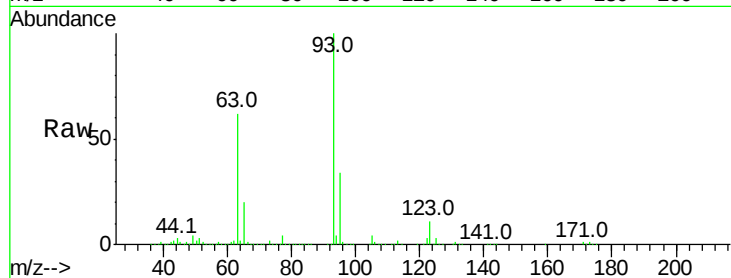
Tot Ion: 93 Resp: 904035

Ion Ratio Lower Upper

93 100

95 33.8 26.5 39.7

123 11.4 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 49.37 ng

RT: 7.82 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

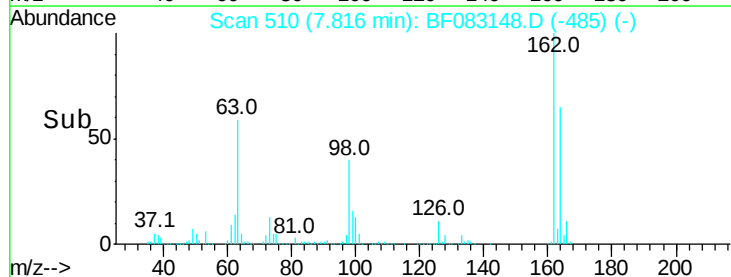
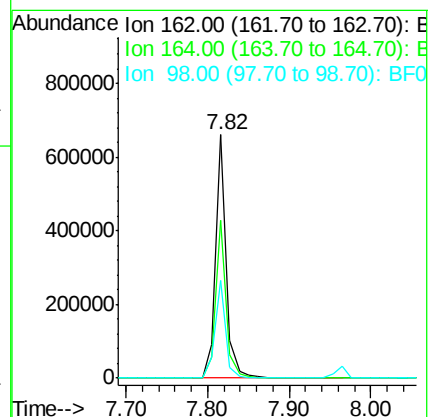
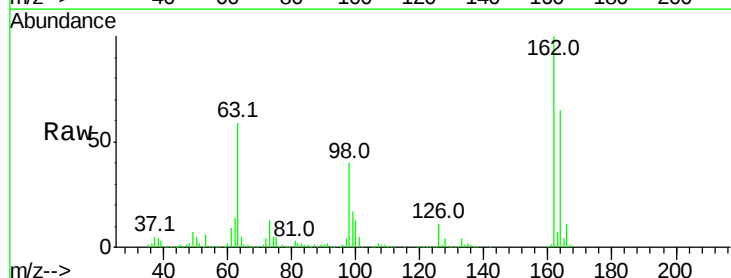
Tgt Ion:162 Resp: 608463

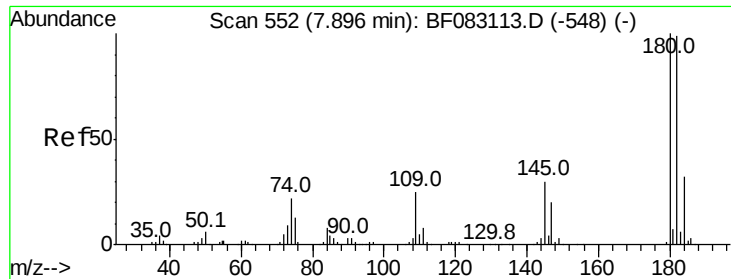
Ion Ratio Lower Upper

162 100

164 65.1 44.8 84.8

98 40.2 23.1 63.1

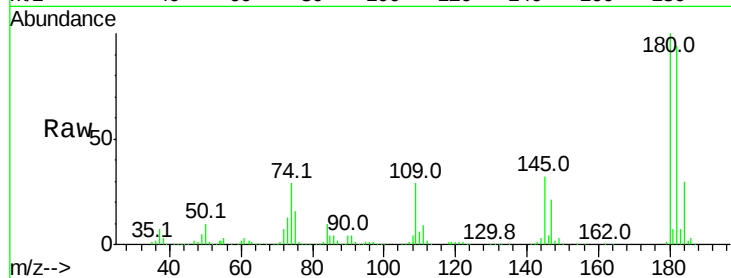




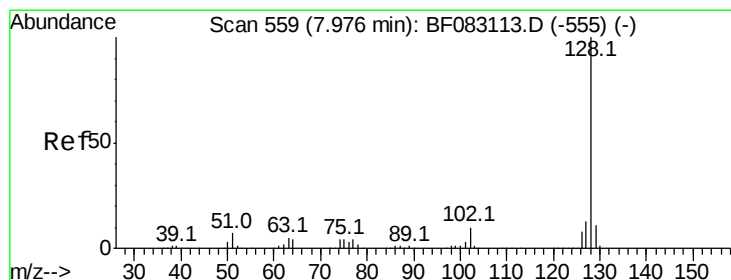
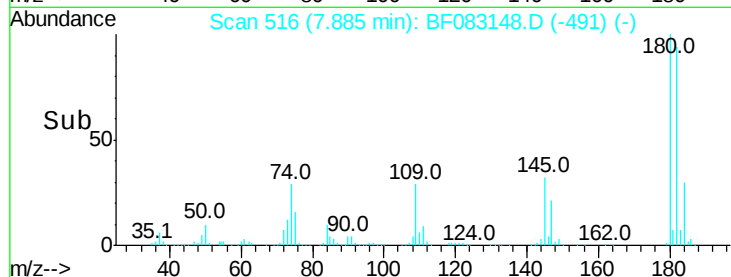
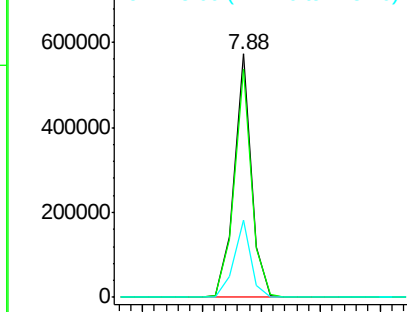
#30
 1,2,4-Trichlorobenzene
 Concen: 42.78 ng
 RT: 7.88 min Scan# 516
 Delta R.T. -0.01 min
 Lab File: BF083148.D
 Acq: 22 Nov 2015 9:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 579219
 Ion Ratio Lower Upper
 180 100
 182 93.8 79.0 118.6
 145 31.9 24.2 36.2

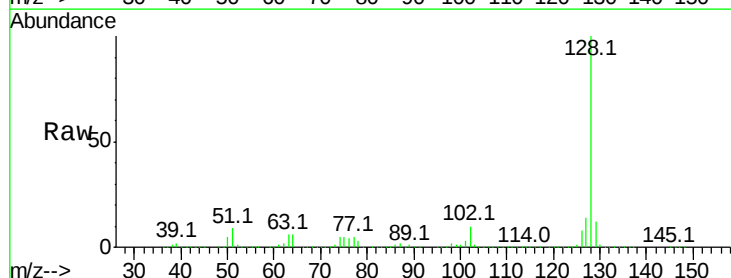


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

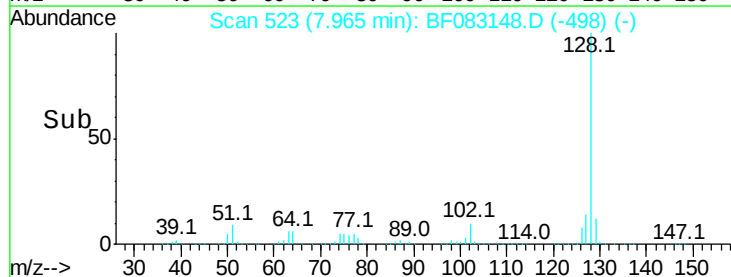
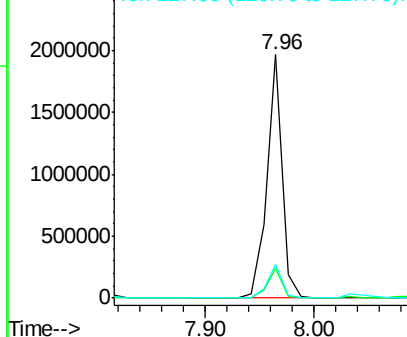


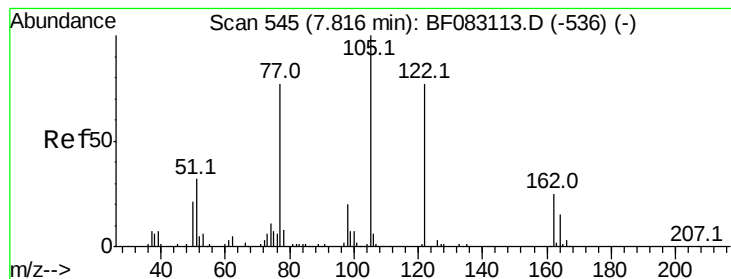
#31
 Naphthalene
 Concen: 45.30 ng
 RT: 7.96 min Scan# 523
 Delta R.T. -0.01 min
 Lab File: BF083148.D
 Acq: 22 Nov 2015 9:55

Tgt Ion:128 Resp: 1922894
 Ion Ratio Lower Upper
 128 100
 129 12.1 9.0 13.4
 127 14.0 10.6 15.8



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: 14.08 ng

RT: 7.75 min Scan# 504

Delta R.T. -0.07 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

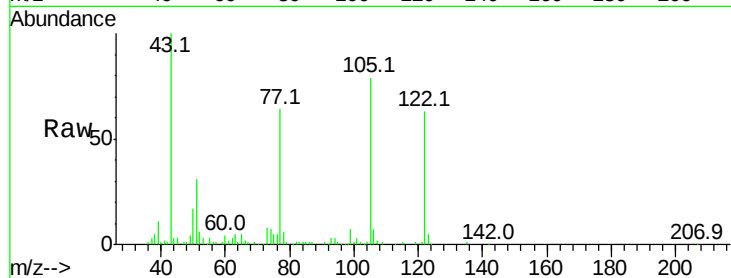
Tot Ion:122 Resp: 141794

Ion Ratio Lower Upper

122 100

105 126.2 109.7 149.7

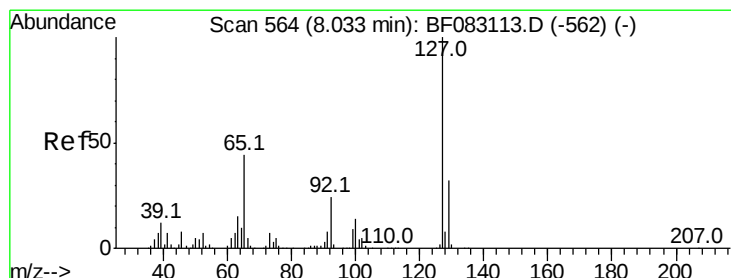
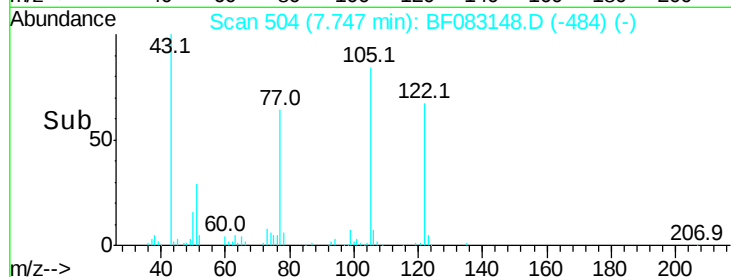
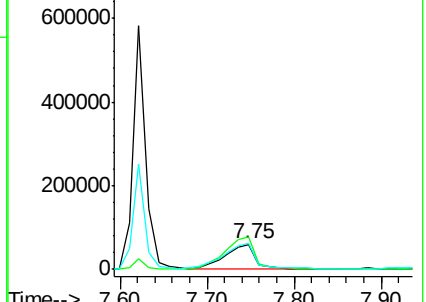
77 101.3 79.7 119.7



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: 4.20 ng

RT: 8.03 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Tgt Ion:127 Resp: 69113

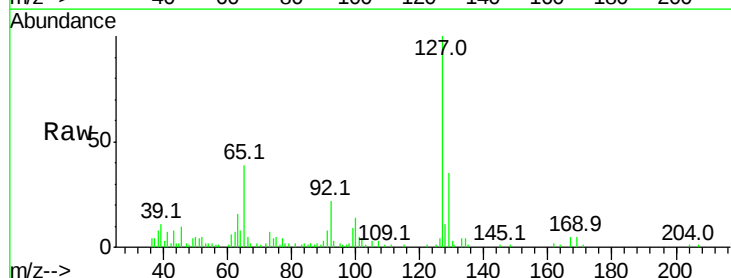
Ion Ratio Lower Upper

127 100

129 34.6 25.7 38.5

65 38.8 35.5 53.3

92 22.2 19.4 29.2

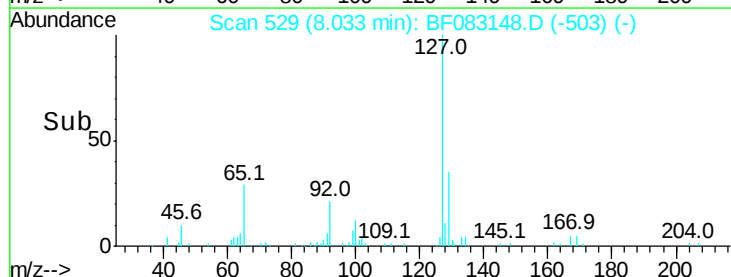
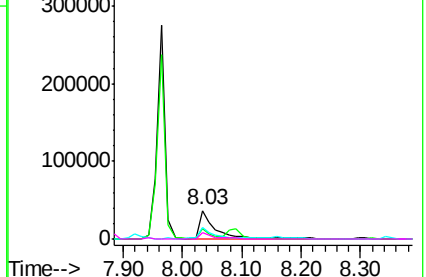


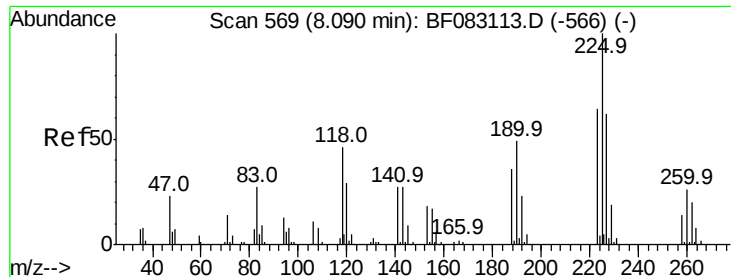
Abundance Ion 127.00 (126.70 to 127.70): E

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

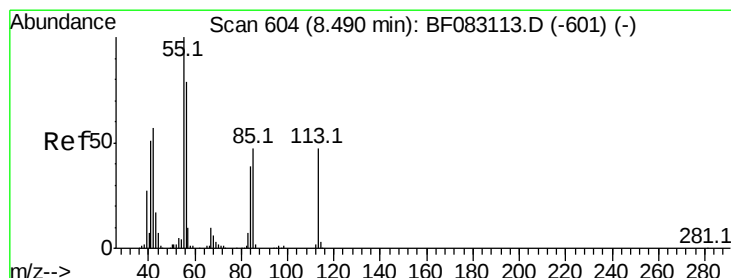
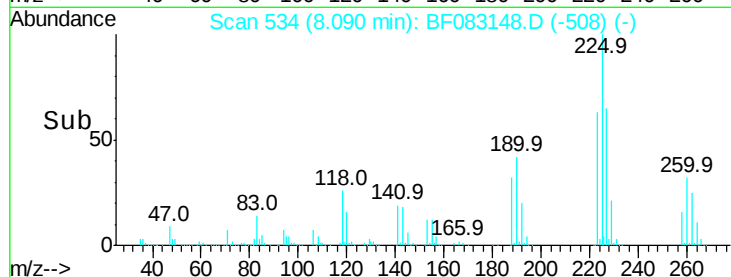
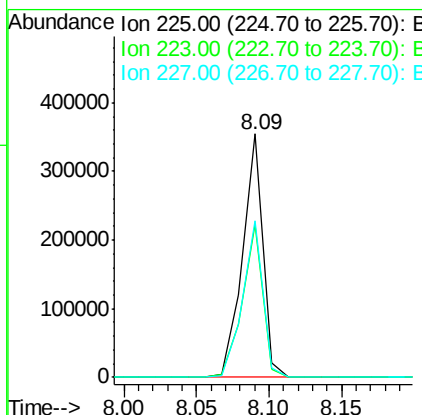
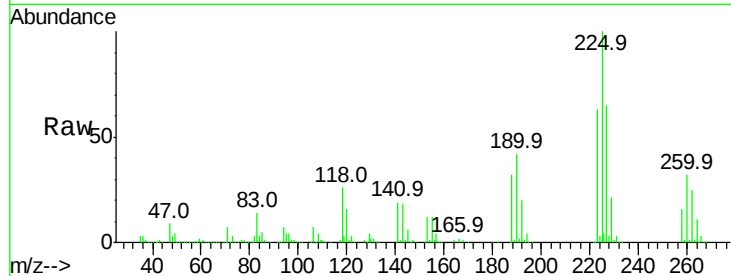




#34
Hexachlorobutadiene
Concen: 43.09 ng
RT: 8.09 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

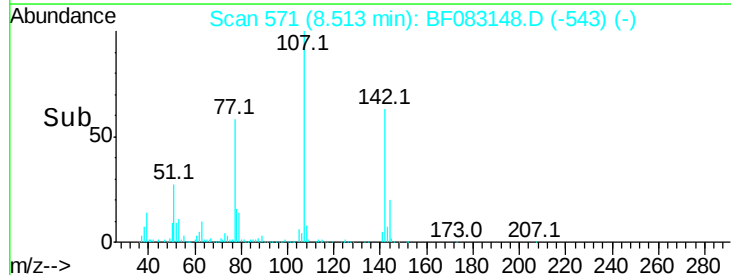
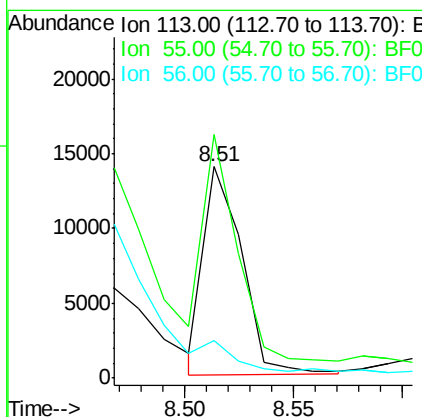
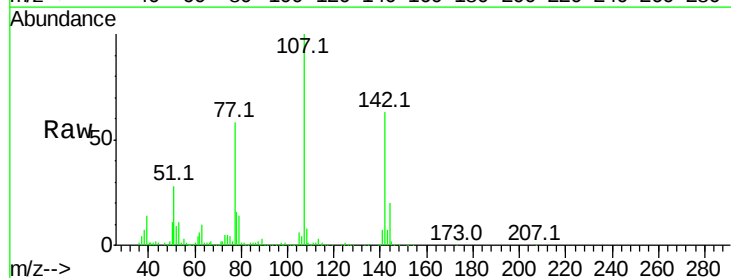
Instrument :
BNA_F
ClientSampleId :

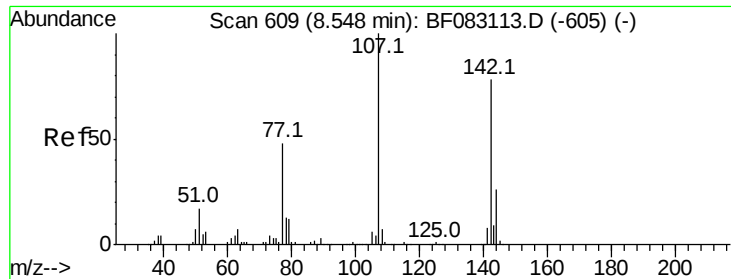
Tot Ion:225 Resp: 344721
Ion Ratio Lower Upper
225 100
223 62.8 51.3 76.9
227 64.6 49.8 74.8



#35
Caprolactam
Concen: 4.33 ng
RT: 8.51 min Scan# 571
Delta R.T. 0.02 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion:113 Resp: 17114
Ion Ratio Lower Upper
113 100
55 115.2 192.6 232.6#
56 17.6 148.6 188.6#

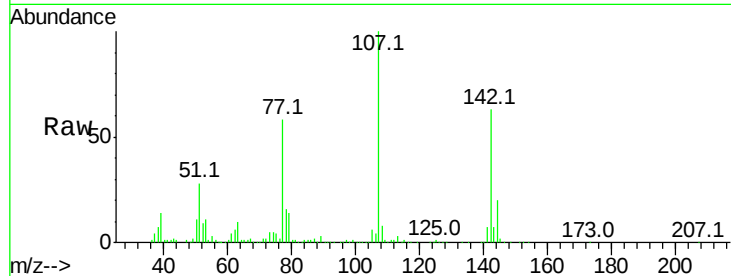




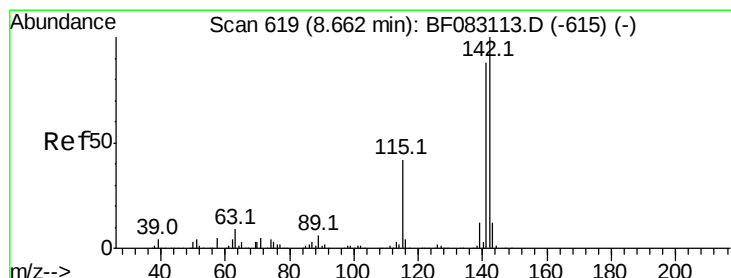
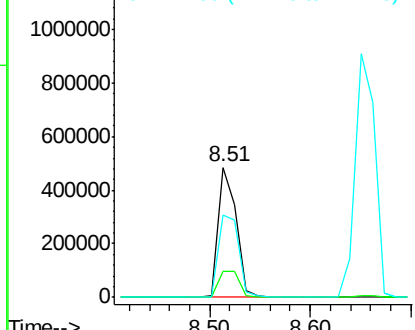
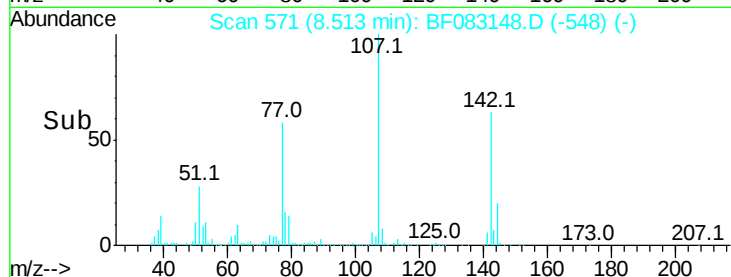
#36
4-Chloro-3-methylphenol
Concen: 42.53 ng
RT: 8.51 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 607190
Ion Ratio Lower Upper
107 100
144 19.9 20.8 31.2#
142 63.5 62.1 93.1

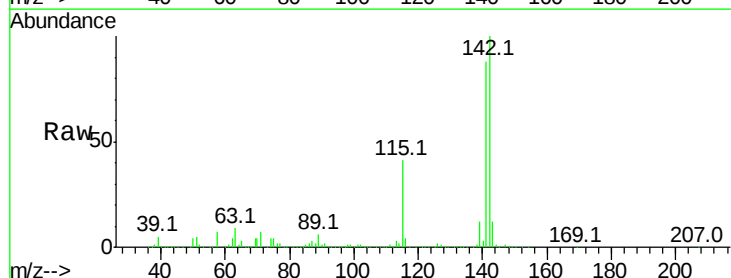


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

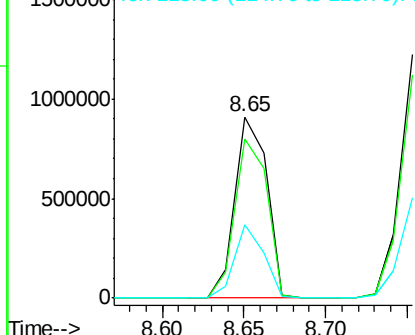
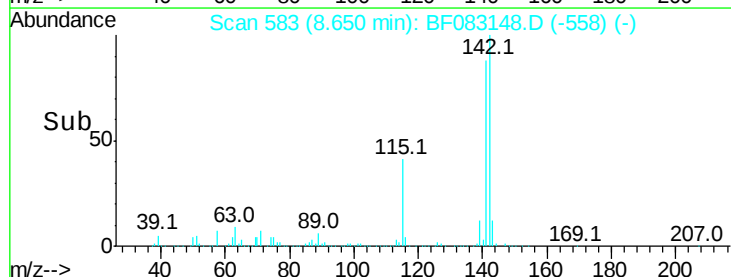


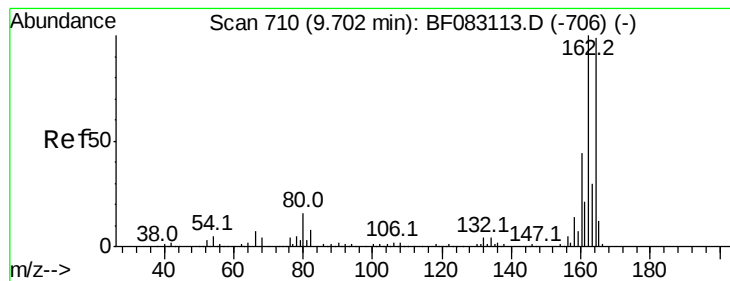
#37
2-Methylnaphthalene
Concen: 44.80 ng
RT: 8.65 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion:142 Resp: 1234332
Ion Ratio Lower Upper
142 100
141 87.8 70.3 105.5
115 40.7 33.4 50.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

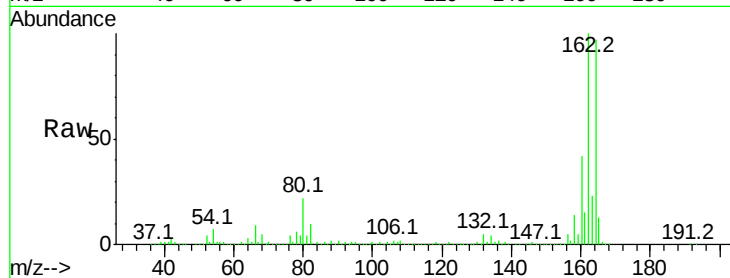
Tot Ion:164 Resp: 404354

Ion Ratio Lower Upper

164 100

162 103.2 81.2 121.8

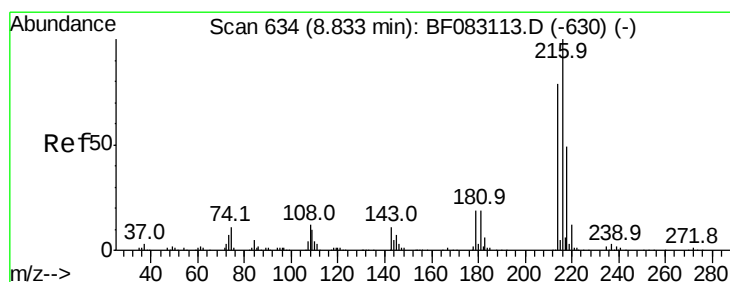
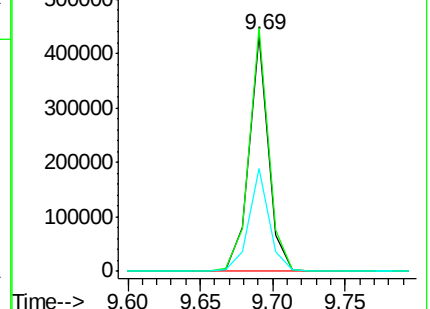
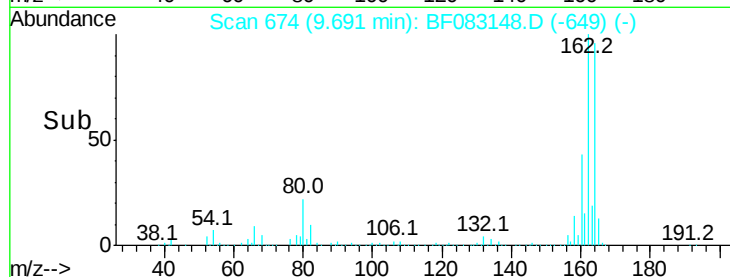
160 43.8 35.6 53.4



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: 42.04 ng

RT: 8.82 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Tgt Ion:216 Resp: 550979

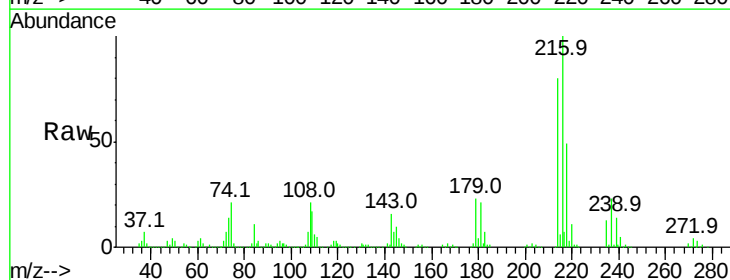
Ion Ratio Lower Upper

216 100

214 80.7 63.8 95.8

179 22.7 17.0 25.6

108 23.0 15.2 22.8#

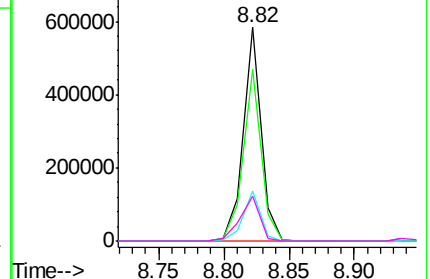
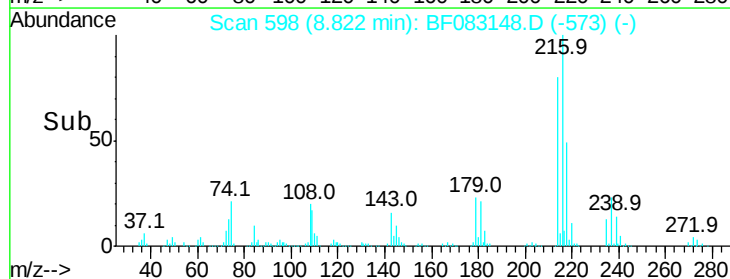


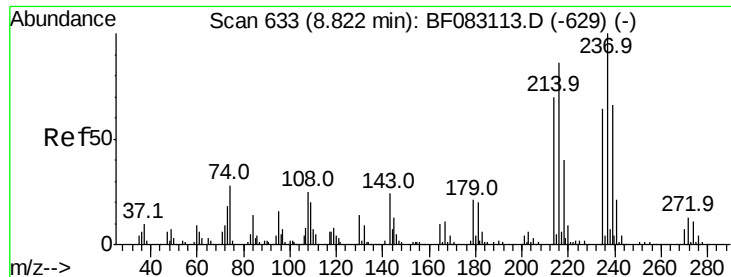
Abundance Ion 216.00 (215.70 to 216.70): E

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

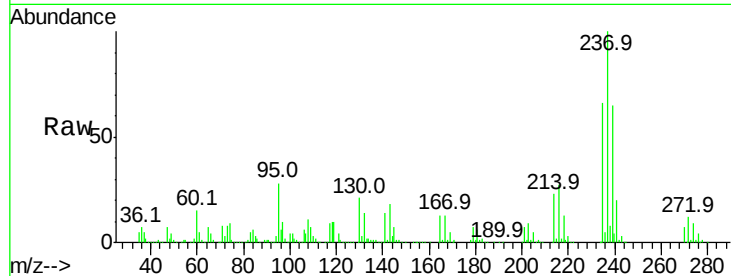




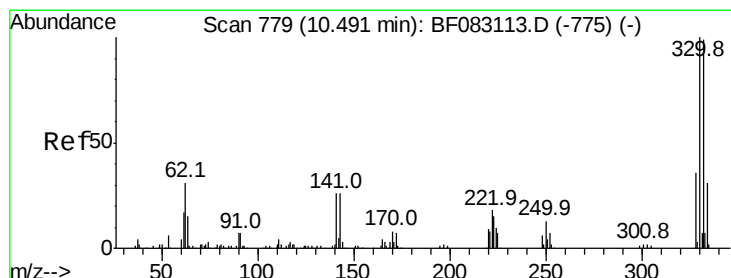
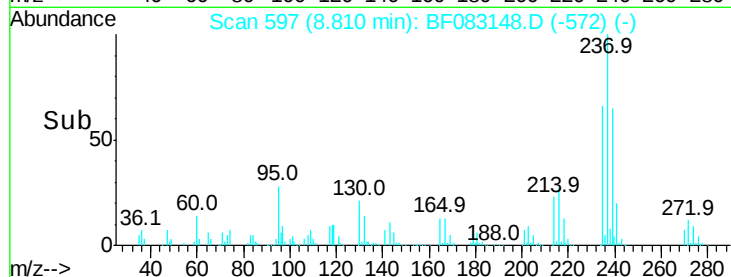
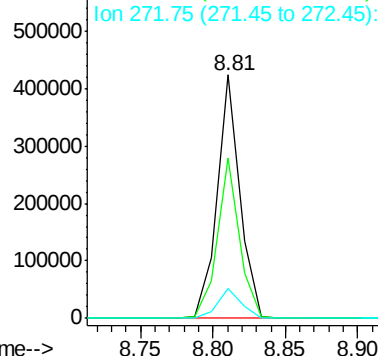
#40
Hexachlorocyclopentadiene
Concen: 61.54 ng
RT: 8.81 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 458642
Ion Ratio Lower Upper
237 100
235 65.8 43.5 83.5
272 12.2 0.0 33.1

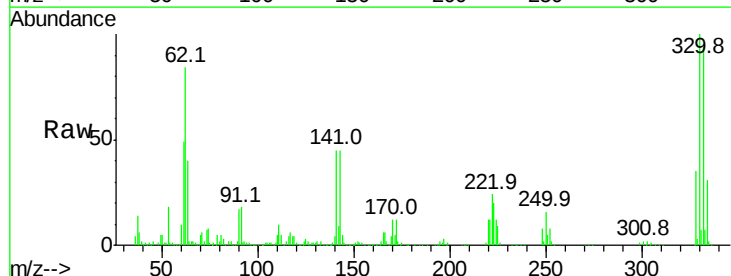


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

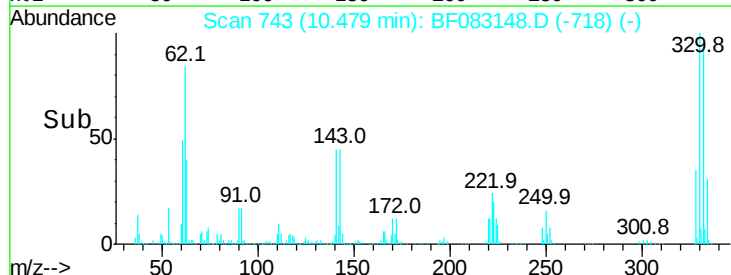
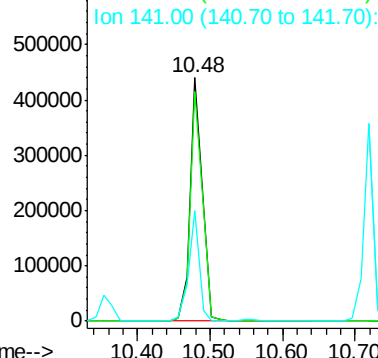


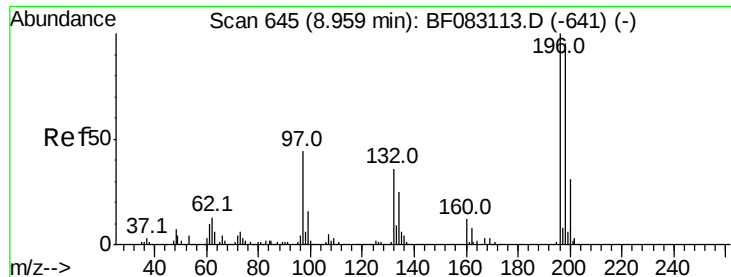
#41
2,4,6-Tribromophenol
Concen: 123.66 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion:330 Resp: 511556
Ion Ratio Lower Upper
330 100
332 95.0 77.7 116.5
141 39.3 29.7 44.5



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





#42

2,4,6-Trichlorophenol

Concen: 44.24 ng

RT: 8.95 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampled :

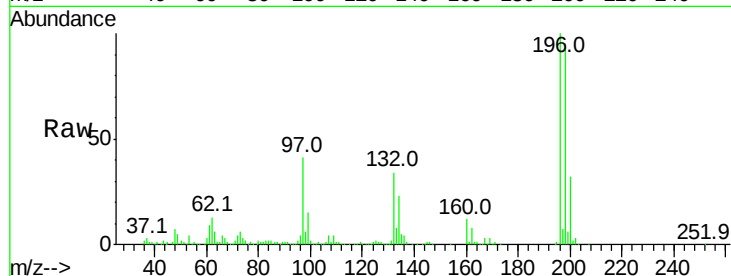
Tot Ion:196 Resp: 415240

Ion Ratio Lower Upper

196 100

198 95.4 75.9 113.9

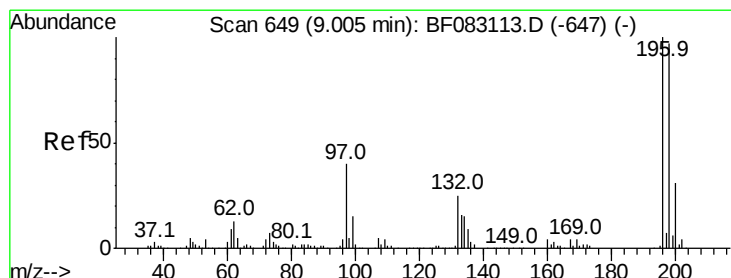
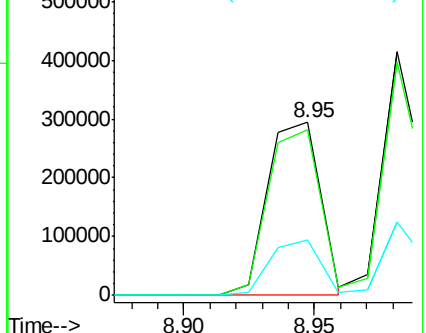
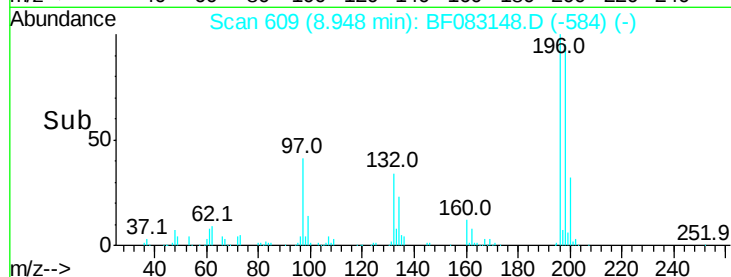
200 31.7 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 46.64 ng

RT: 8.98 min Scan# 612

Delta R.T. -0.02 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Tgt Ion:196 Resp: 447650

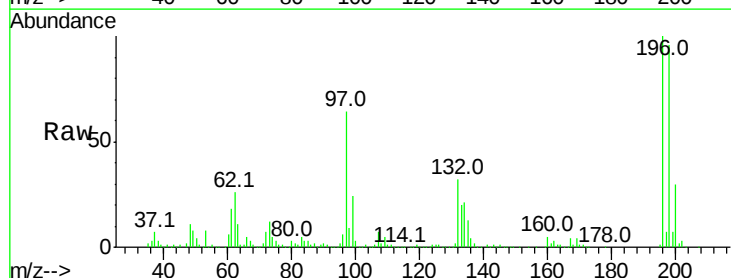
Ion Ratio Lower Upper

196 100

198 95.7 77.6 116.4

97 64.4 32.6 48.8#

132 31.6 19.8 29.8#

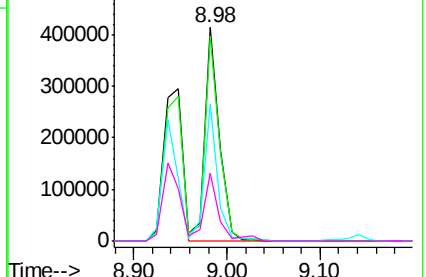
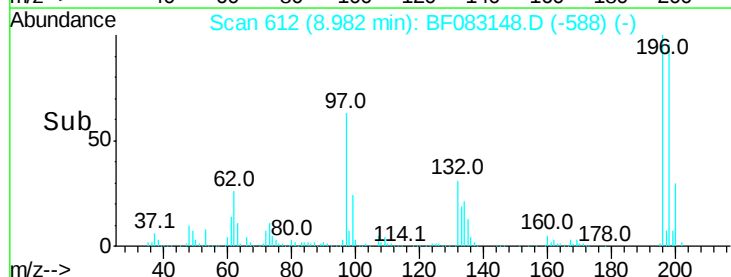


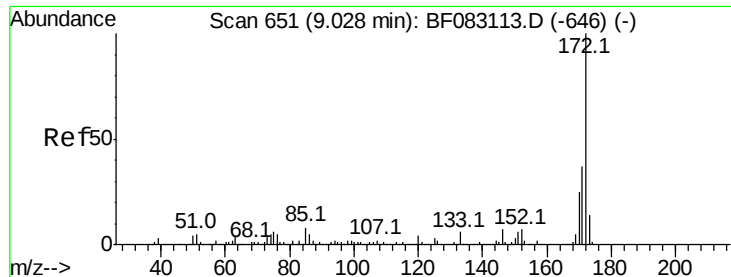
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 86.48 ng

RT: 9.03 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampled :

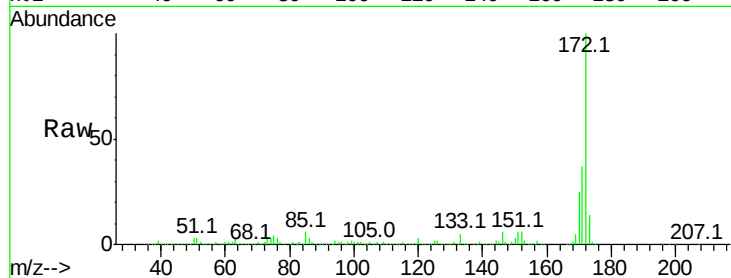
Tot Ion:172 Resp: 2507733

Ion Ratio Lower Upper

172 100

171 37.4 29.5 44.3

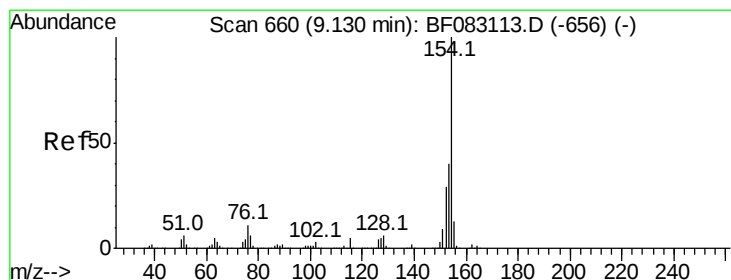
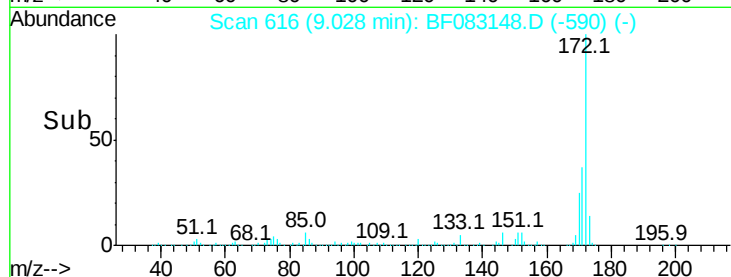
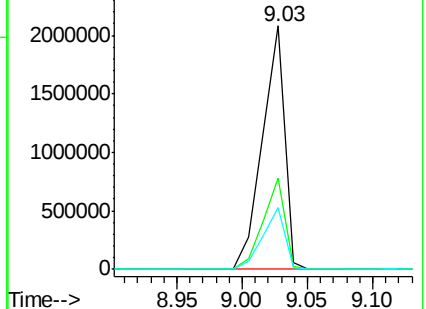
170 25.2 19.9 29.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 40.88 ng

RT: 9.12 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

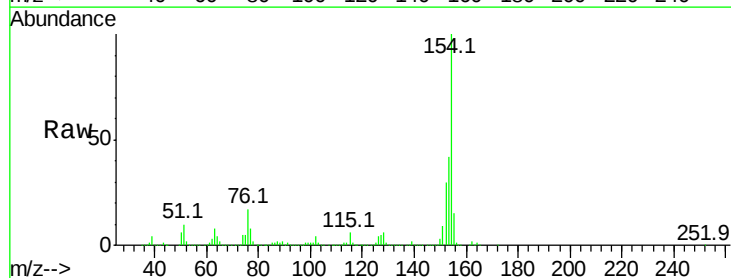
Tgt Ion:154 Resp: 1407020

Ion Ratio Lower Upper

154 100

153 41.5 20.5 60.5

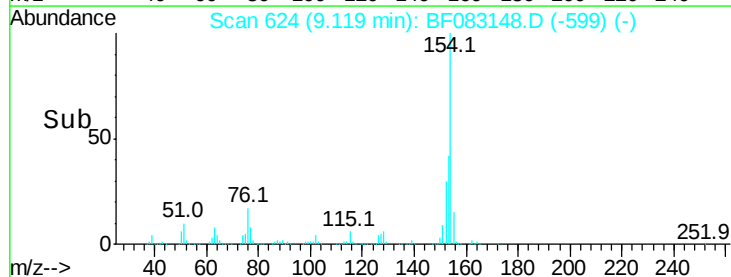
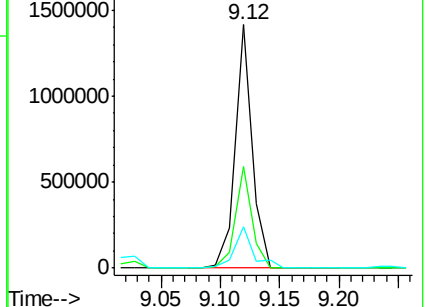
76 17.0 0.0 31.2

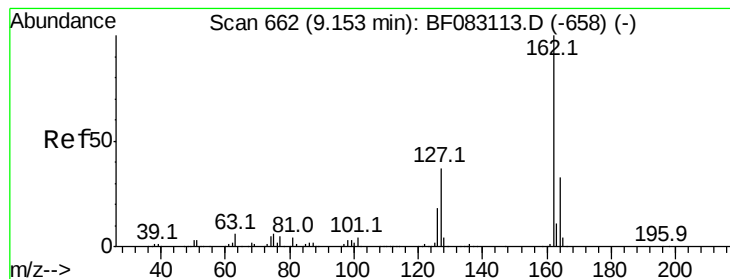


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



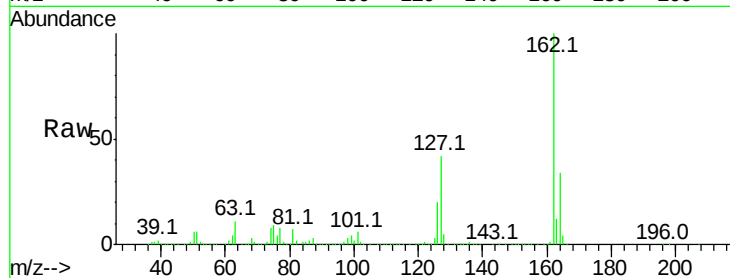


#46
 2-Chloronaphthalene
 Concen: 44.25 ng
 RT: 9.14 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF083148.D
 Acq: 22 Nov 2015 9:55

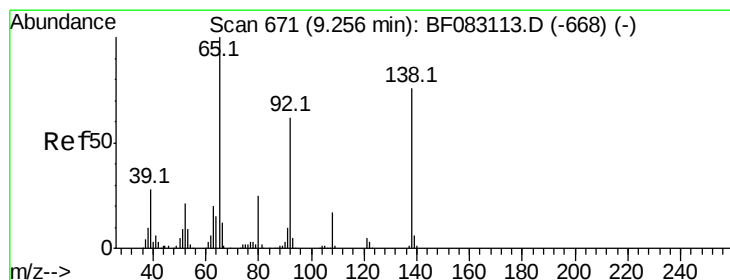
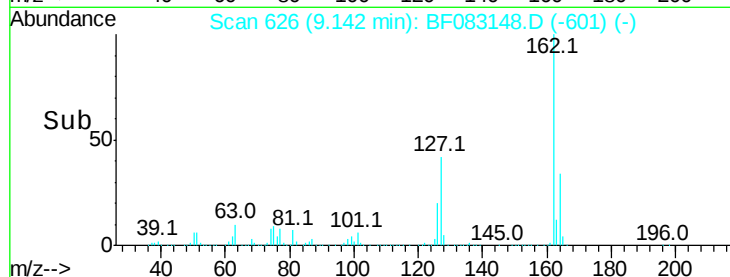
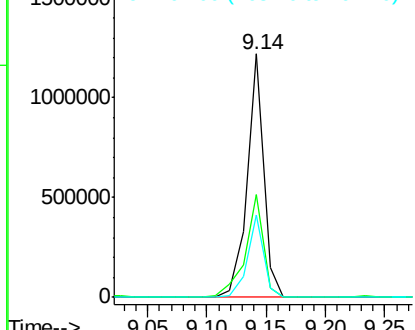
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1196131

Ion	Ratio	Lower	Upper
162	100		
127	42.2	29.4	44.2
164	33.6	26.2	39.4



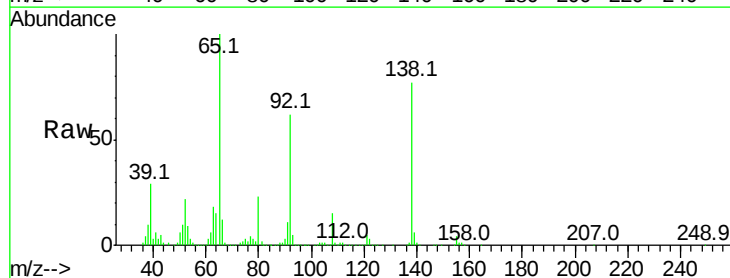
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



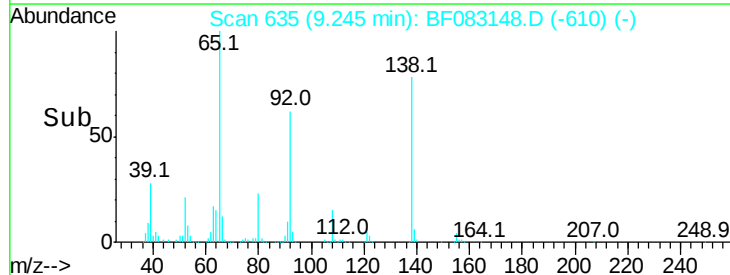
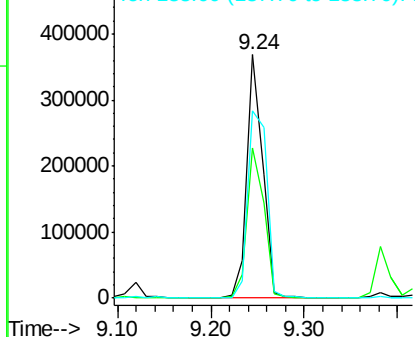
#47
 2-Nitroaniline
 Concen: 45.03 ng
 RT: 9.24 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF083148.D
 Acq: 22 Nov 2015 9:55

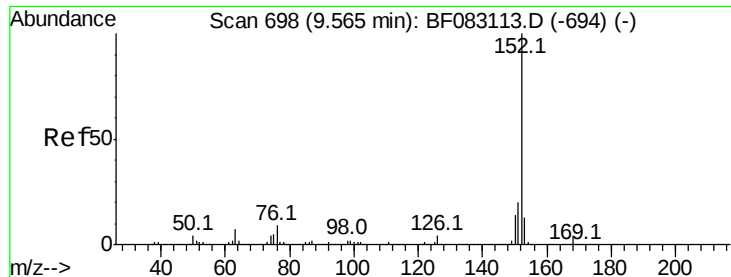
Tgt Ion: 65 Resp: 430583

Ion	Ratio	Lower	Upper
65	100		
92	61.9	49.5	74.3
138	77.0	60.7	91.1



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 41.84 ng

RT: 9.55 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

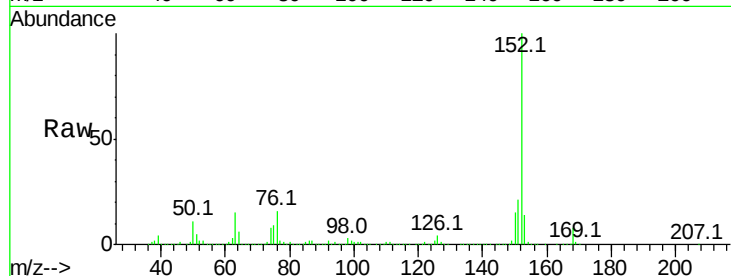
Tot Ion:152 Resp: 1752708

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

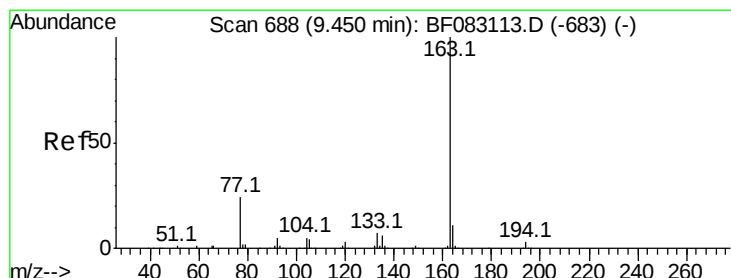
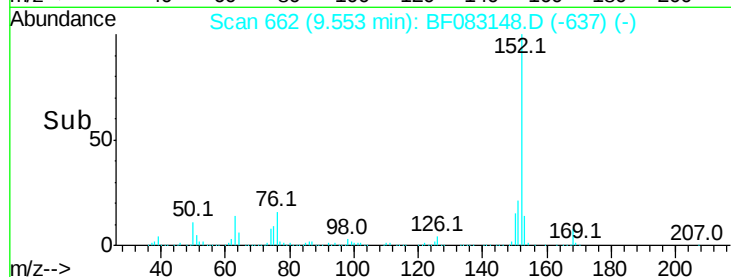
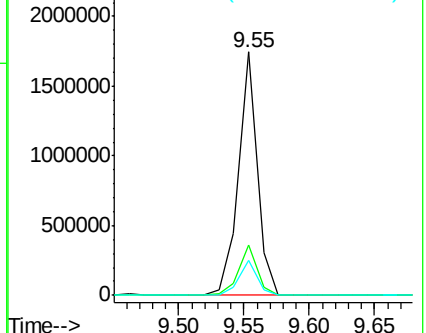
153 14.2 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 49.31 ng

RT: 9.44 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

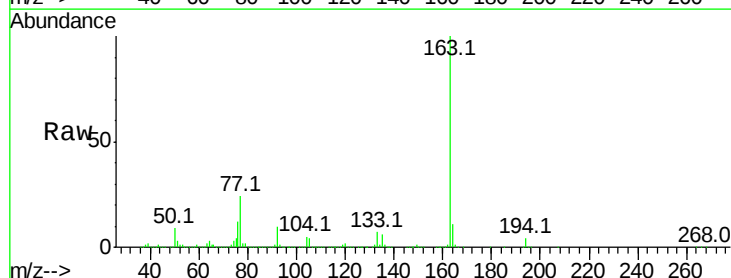
Tgt Ion:163 Resp: 1534977

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

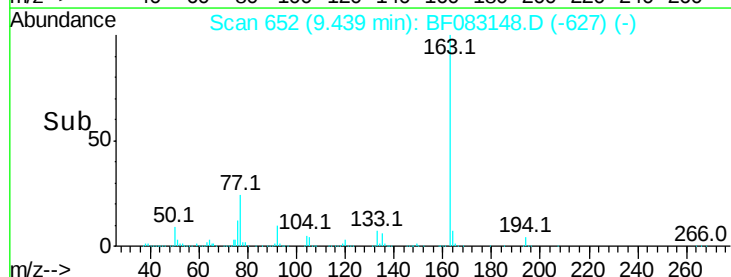
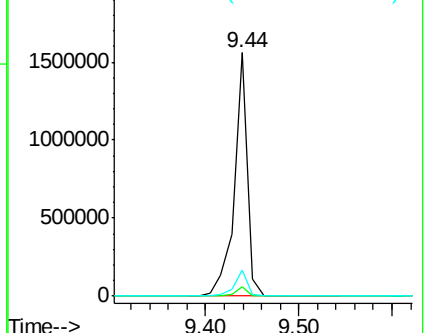
164 10.6 8.6 12.8

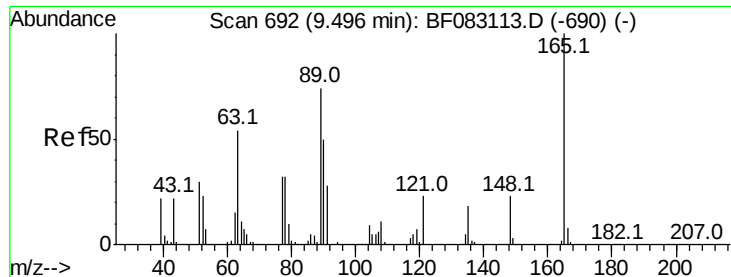


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 47.61 ng

RT: 9.50 min Scan# 657

Delta R.T. 0.00 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

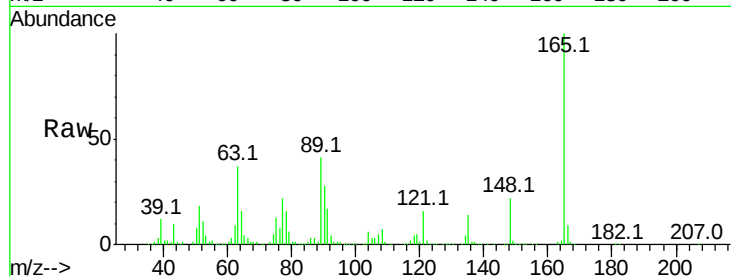
Tot Ion:165 Resp: 332548

Ion Ratio Lower Upper

165 100

63 36.6 62.5 93.7#

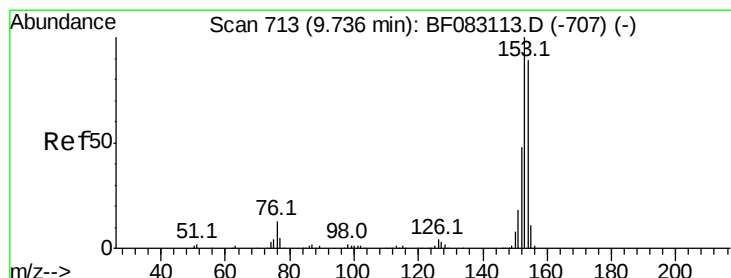
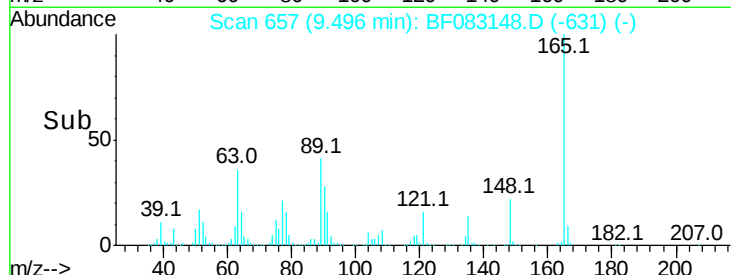
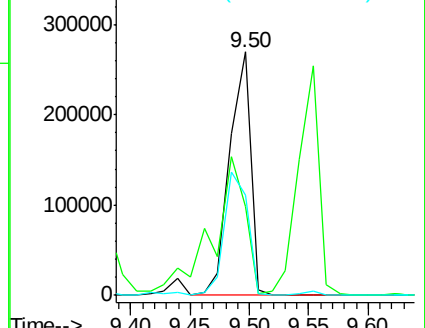
89 41.1 59.1 88.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 43.23 ng

RT: 9.72 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

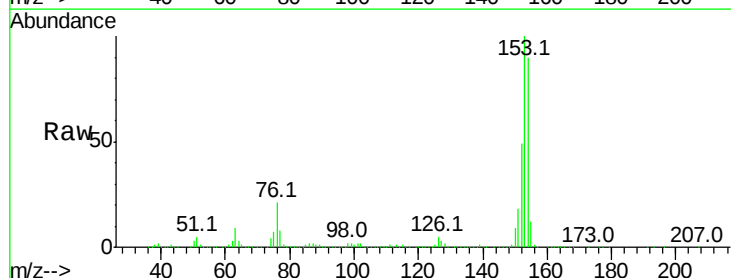
Tgt Ion:154 Resp: 1102055

Ion Ratio Lower Upper

154 100

153 111.5 89.6 134.4

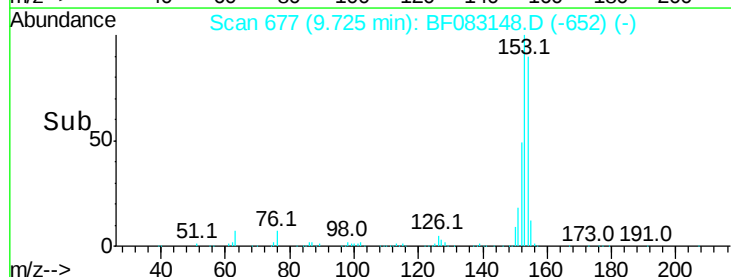
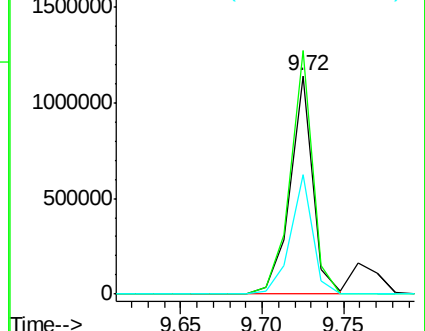
152 54.4 43.3 64.9

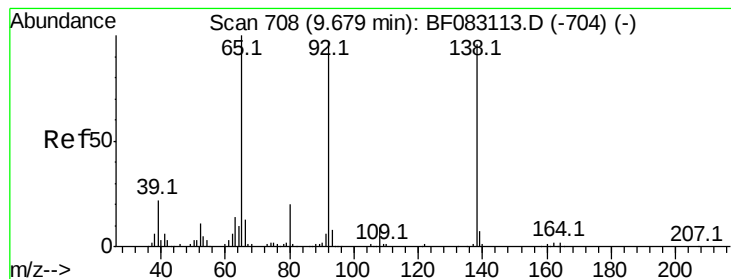


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 10.78 ng

RT: 9.66 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

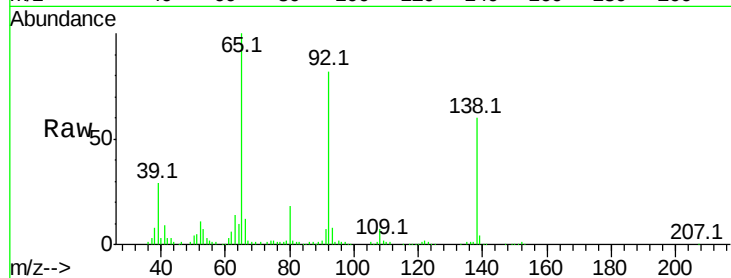
Tot Ion:138 Resp: 80256

Ion Ratio Lower Upper

138 100

108 11.6 7.8 11.6

92 137.6 81.1 121.7#

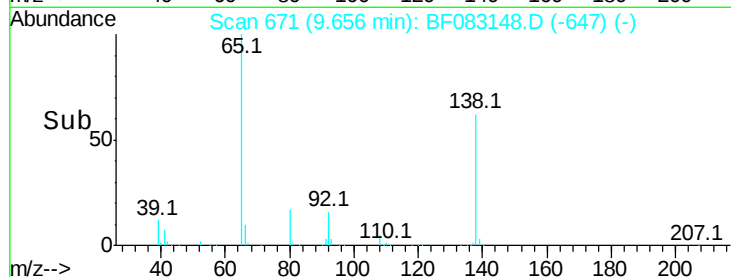


Abundance Ion 138.00 (137.70 to 138.70): E

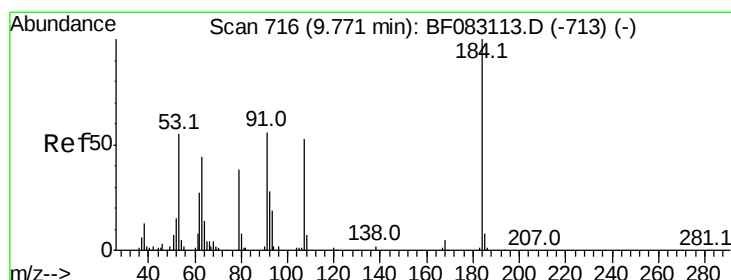
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

Time--> 9.50 9.60 9.70



Time--> 9.50 9.60 9.70



#53

2,4-Dinitrophenol

Concen: 86.92 ng

RT: 9.76 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

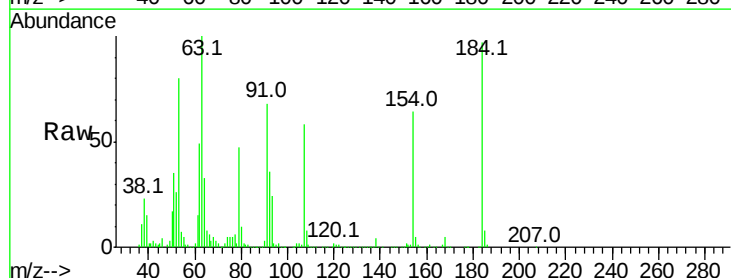
Tgt Ion:184 Resp: 349807

Ion Ratio Lower Upper

184 100

63 103.4 60.5 90.7#

154 65.9 54.3 81.5

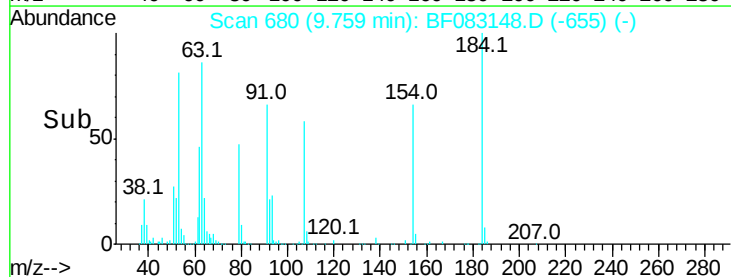


Abundance Ion 184.00 (183.70 to 184.70): E

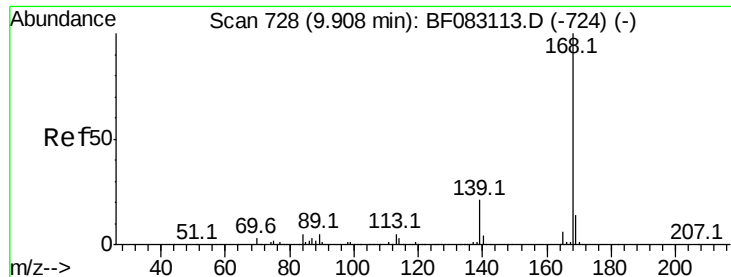
Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

Time--> 9.70 9.80 9.90



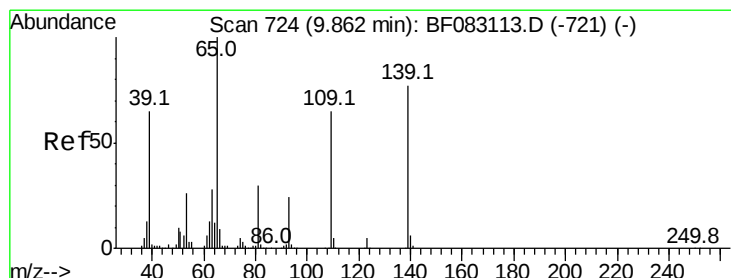
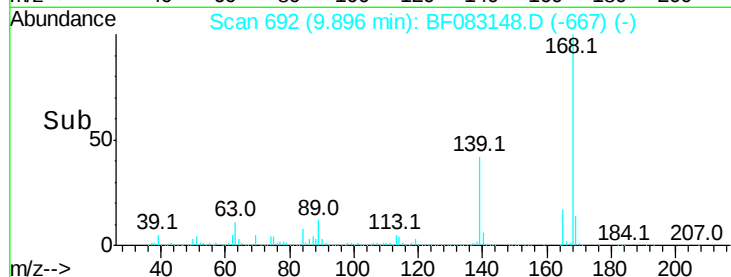
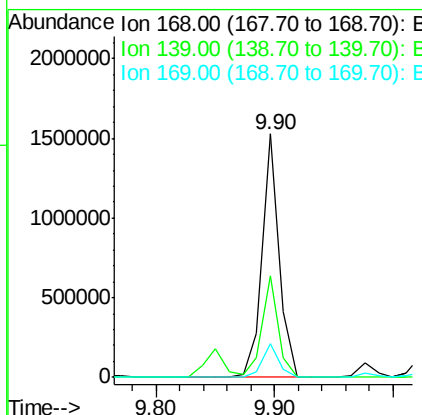
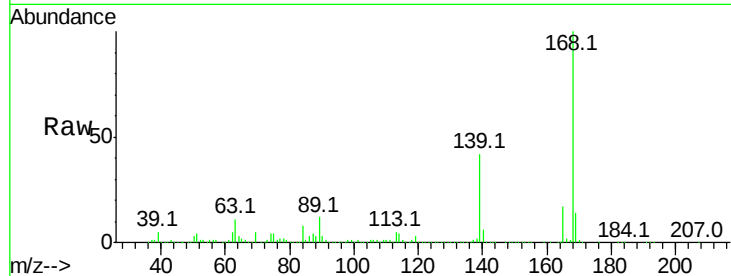
Time--> 9.70 9.80 9.90



#54
Dibenzenofuran
Concen: 42.62 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

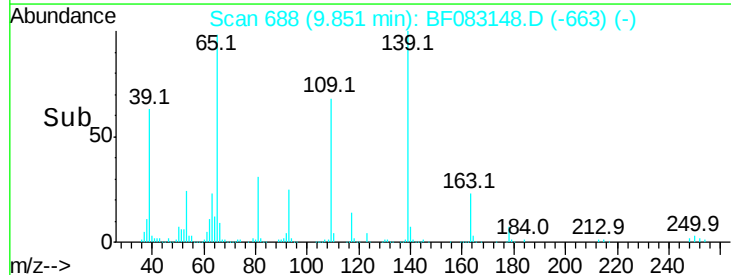
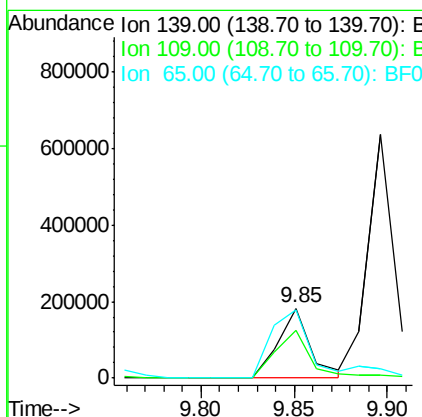
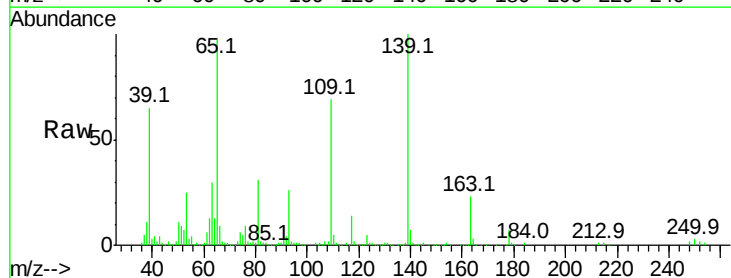
Instrument :
BNA_F
ClientSampleId :

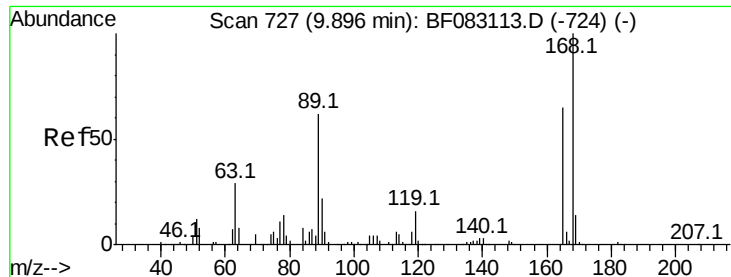
Tot Ion:168 Resp: 1536650
Ion Ratio Lower Upper
168 100
139 41.6 30.2 45.2
169 14.1 10.9 16.3



#55
4-Nitrophenol
Concen: 38.04 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion:139 Resp: 217223
Ion Ratio Lower Upper
139 100
109 68.9 64.0 104.0
65 98.2 109.5 149.5#

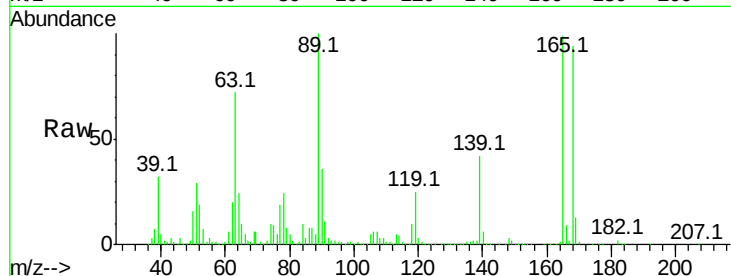




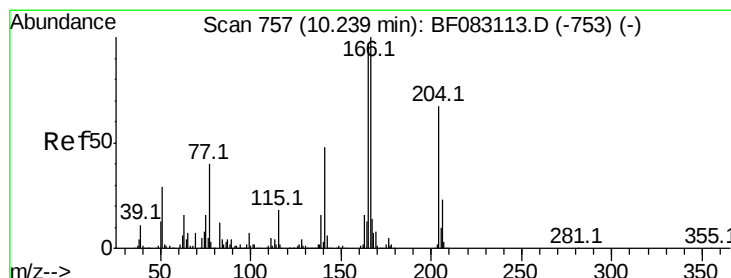
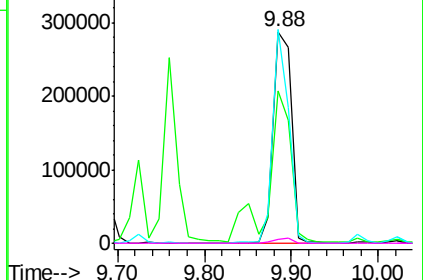
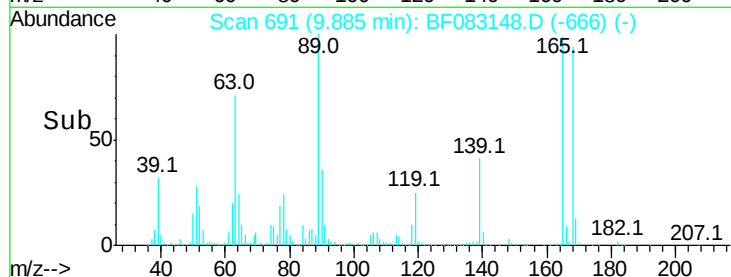
#56
2,4-Dinitrotoluene
Concen: 46.64 ng
RT: 9.88 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 412760
Ion Ratio Lower Upper
165 100
63 72.3 54.5 81.7
89 101.1 77.3 115.9
182 2.0 1.8 2.6

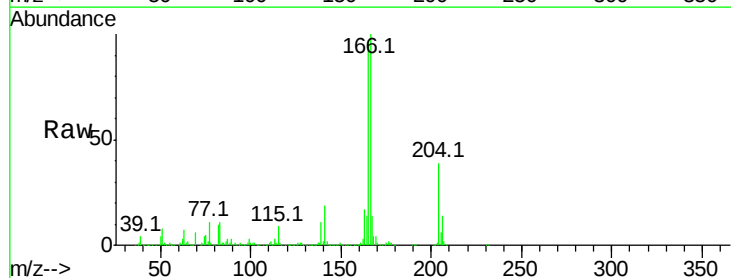


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

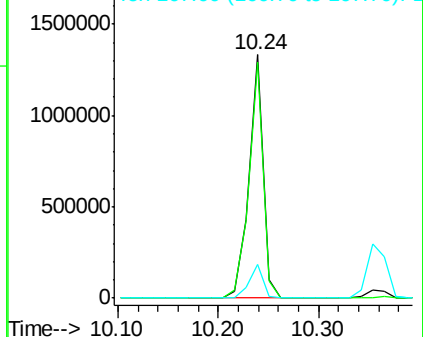
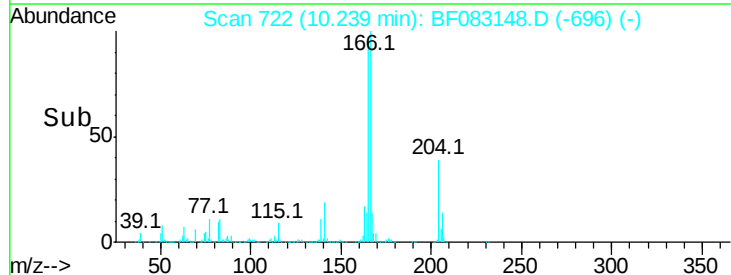


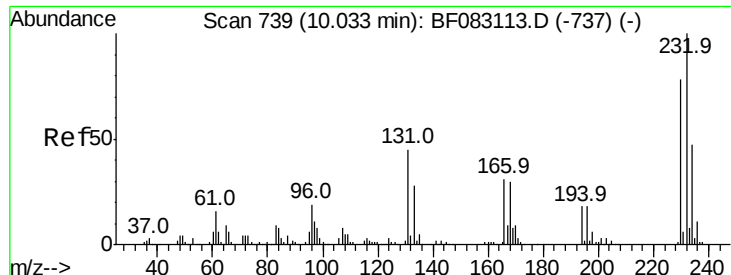
#57
Fluorene
Concen: 44.02 ng
RT: 10.24 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion:166 Resp: 1311479
Ion Ratio Lower Upper
166 100
165 96.7 78.0 117.0
167 14.1 11.3 16.9



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

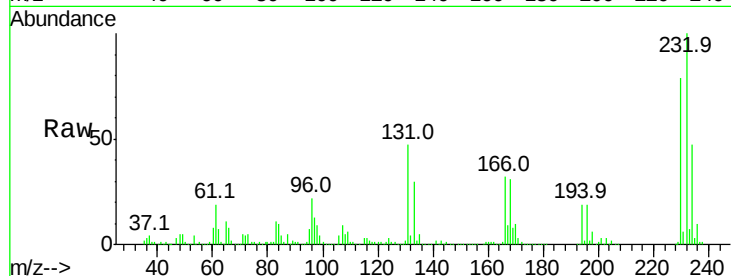




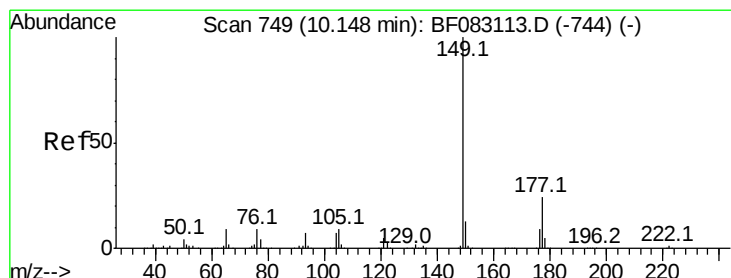
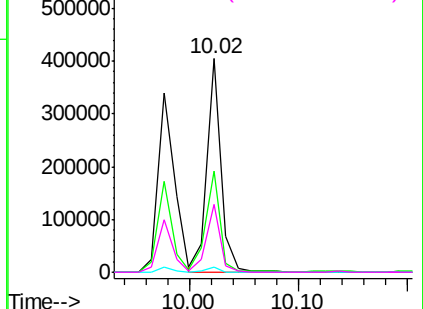
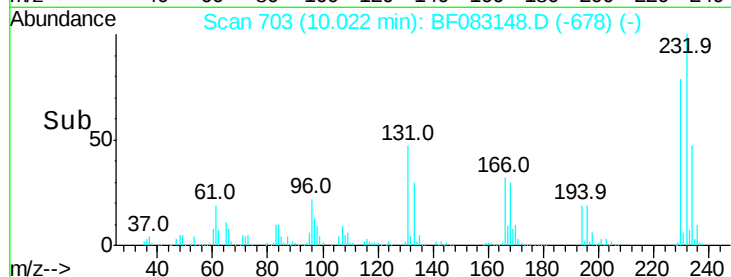
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.13 ng
 RT: 10.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF083148.D
 Acq: 22 Nov 2015 9:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 371025
 Ion Ratio Lower Upper
 232 100
 131 48.1 38.6 57.8
 130 2.4 1.9 2.9
 166 31.5 25.4 38.0

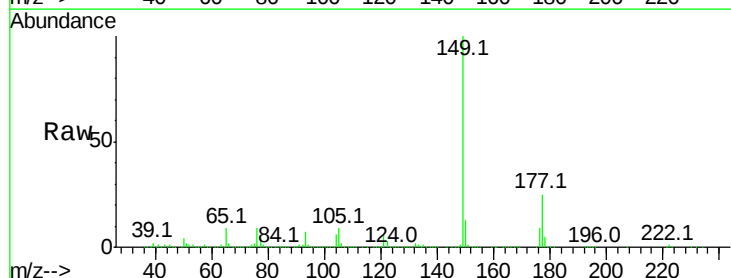


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

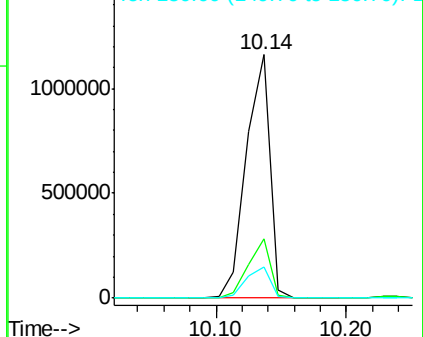
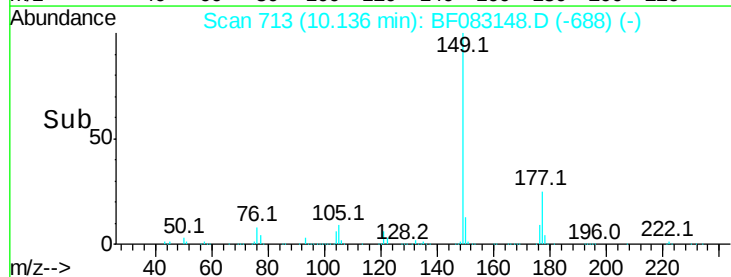


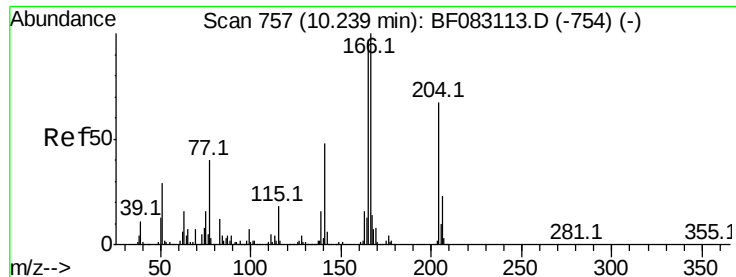
#59
 Diethylphthalate
 Concen: 47.35 ng
 RT: 10.14 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF083148.D
 Acq: 22 Nov 2015 9:55

Tgt Ion:149 Resp: 1467351
 Ion Ratio Lower Upper
 149 100
 177 24.6 19.4 29.2
 150 12.6 10.2 15.2



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: 44.57 ng

RT: 10.24 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

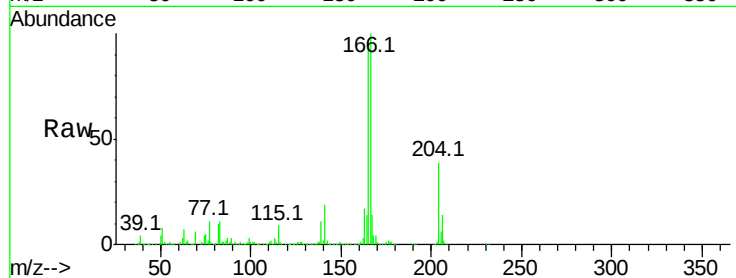
Tot Ion:204 Resp: 608201

Ion Ratio Lower Upper

204 100

206 35.5 27.4 41.0

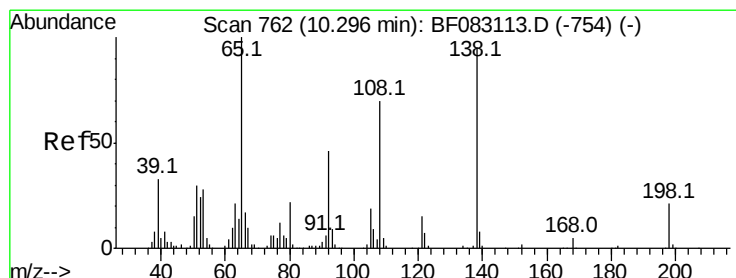
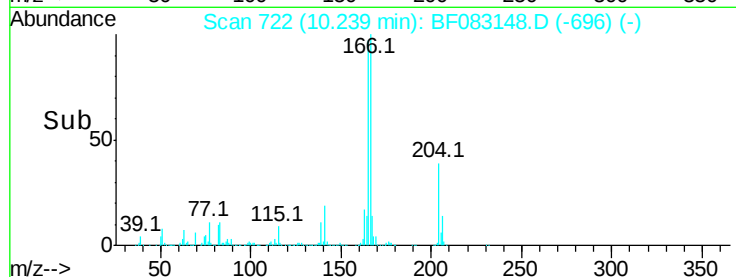
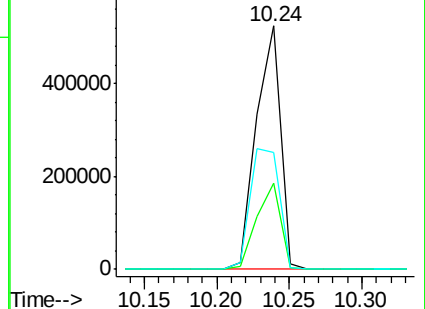
141 48.0 57.4 86.2#



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: 25.59 ng

RT: 10.27 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

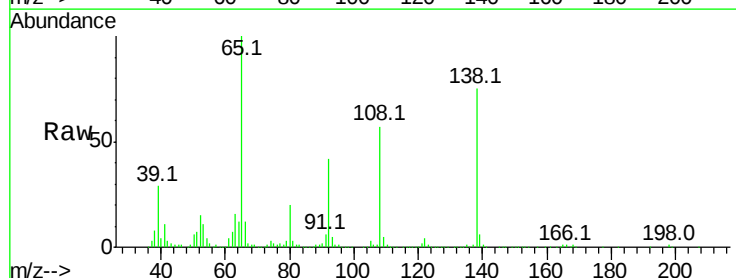
Tgt Ion:138 Resp: 187652

Ion Ratio Lower Upper

138 100

92 56.4 28.4 68.4

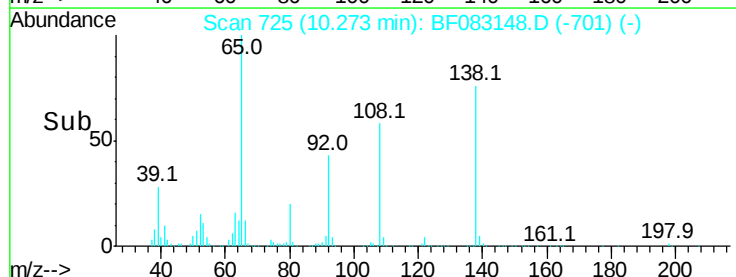
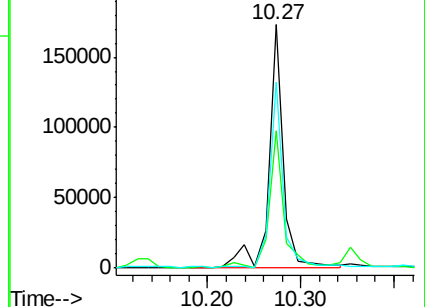
108 76.6 53.5 93.5

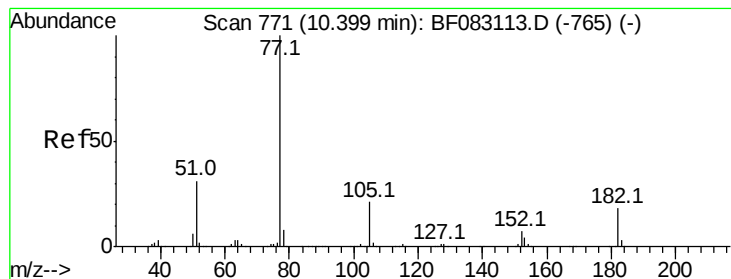


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 46.74 ng

RT: 10.39 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1653084

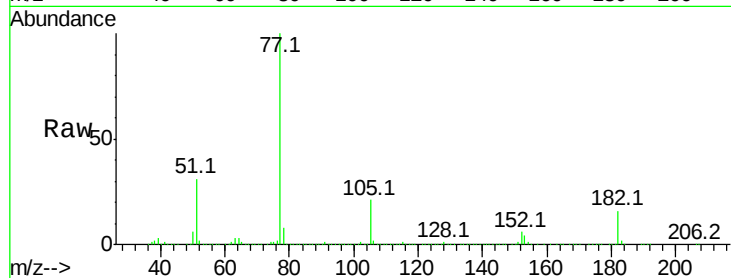
Ion Ratio Lower Upper

77 100

182 15.8 0.0 38.3

105 20.8 1.2 41.2

51 31.0 11.1 51.1

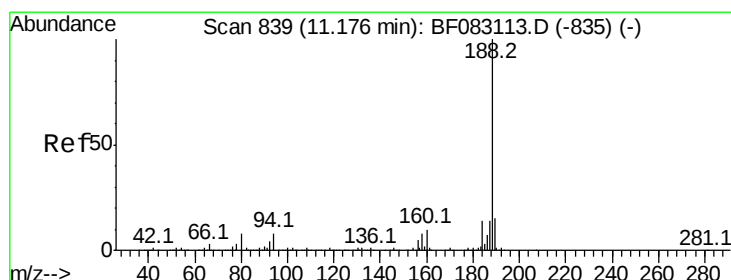
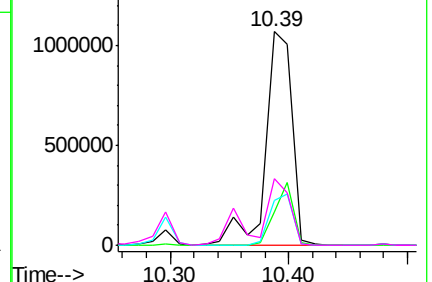
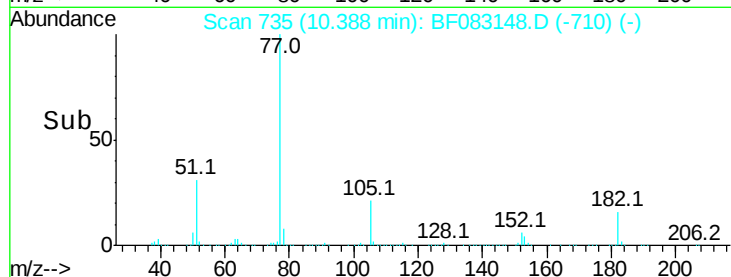


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.16 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

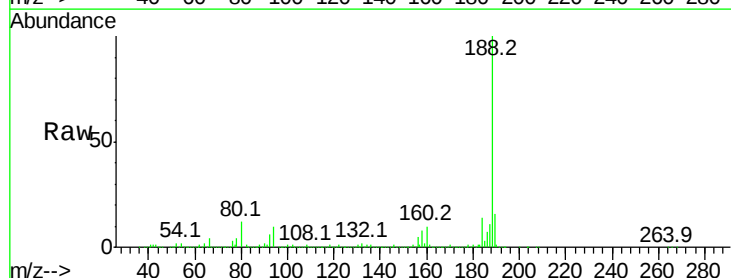
Tgt Ion: 188 Resp: 737254

Ion Ratio Lower Upper

188 100

94 10.5 6.0 9.0#

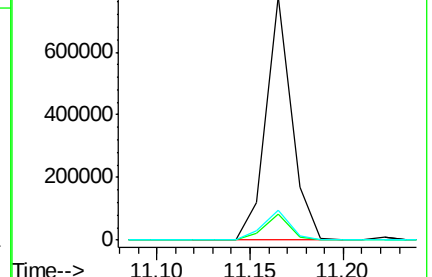
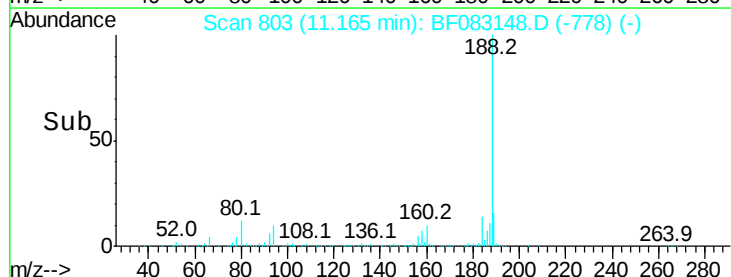
80 12.2 6.7 10.1#

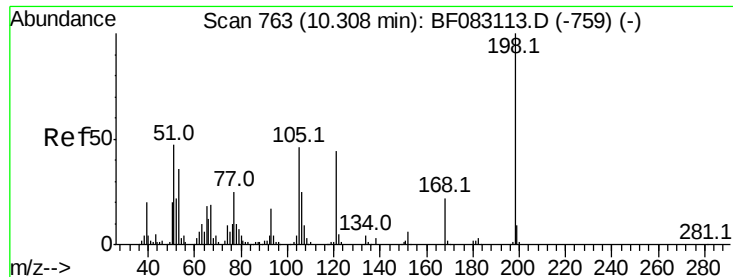


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 45.85 ng

RT: 10.30 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampled :

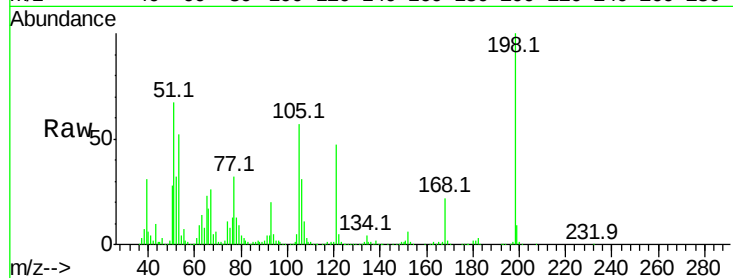
Tot Ion:198 Resp: 232921

Ion Ratio Lower Upper

198 100

51 67.3 27.0 67.0#

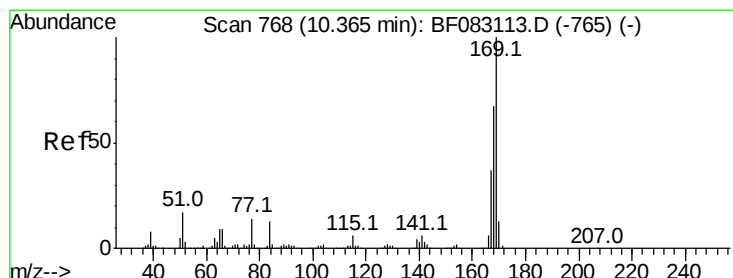
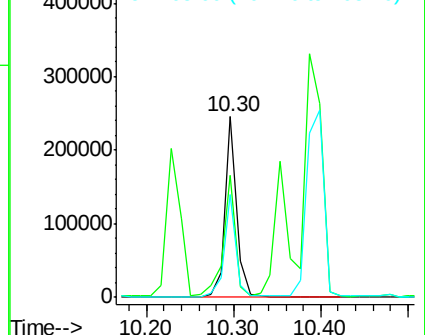
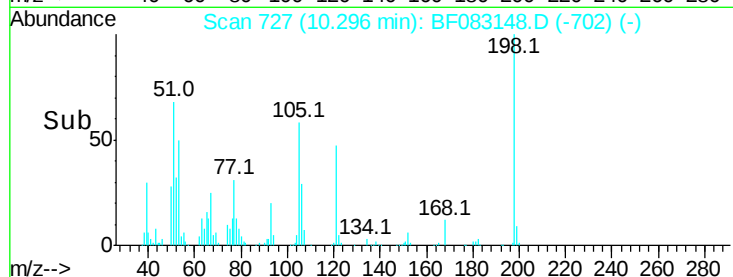
105 57.0 26.1 66.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 42.82 ng

RT: 10.35 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

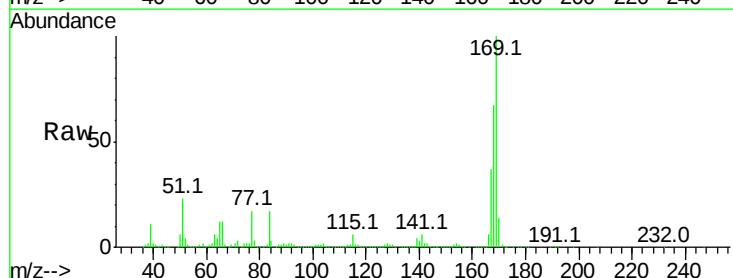
Tgt Ion:169 Resp: 1073792

Ion Ratio Lower Upper

169 100

168 67.2 53.8 80.6

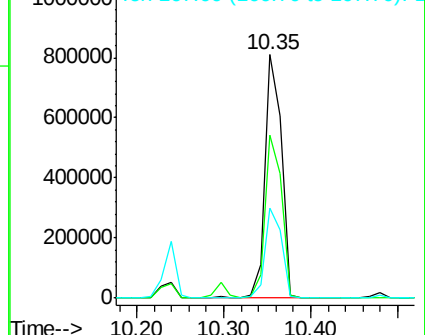
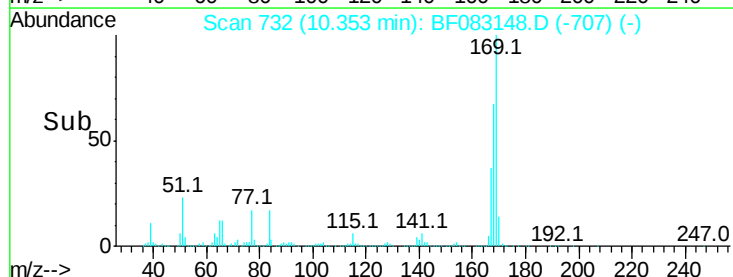
167 36.9 29.8 44.8

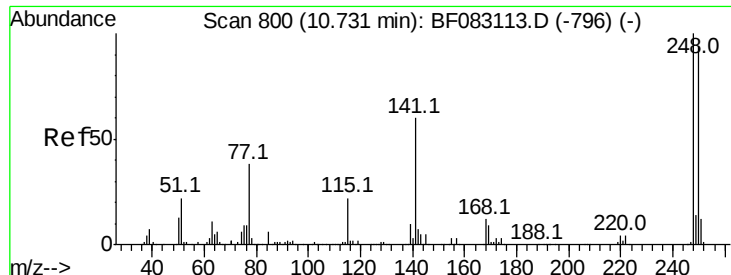


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

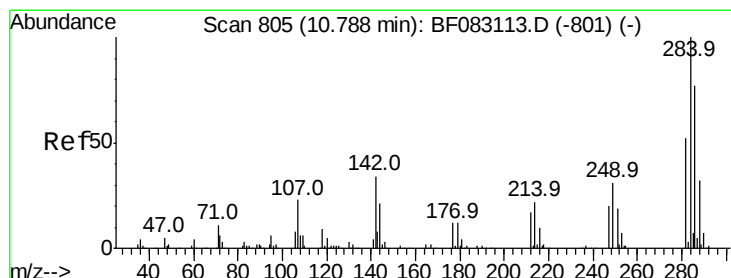
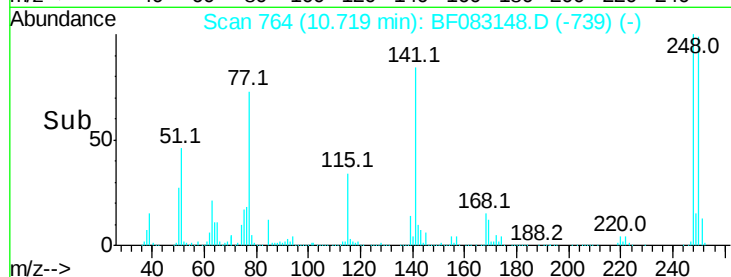
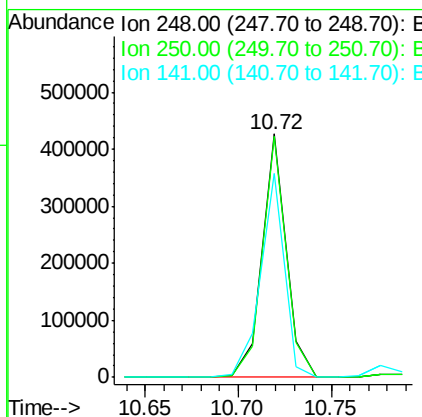
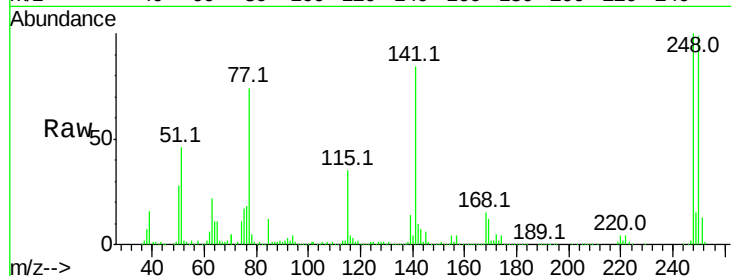




#66
 4-Bromophenyl-phenylether
 Concen: 46.35 ng
 RT: 10.72 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF083148.D
 Acq: 22 Nov 2015 9:55

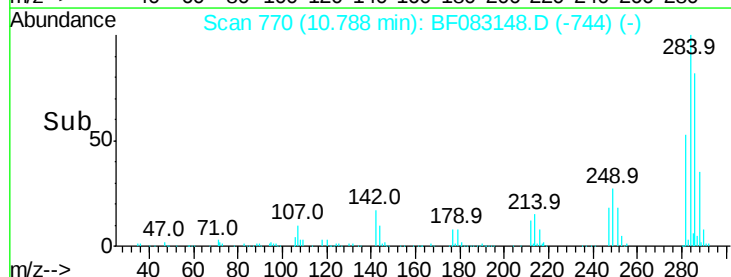
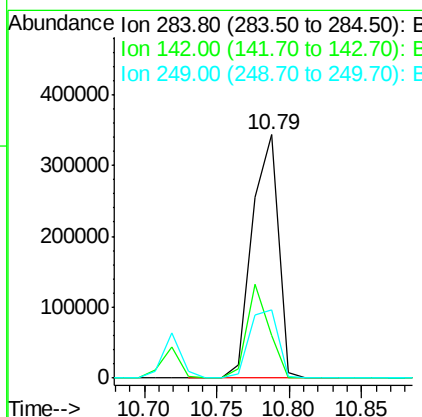
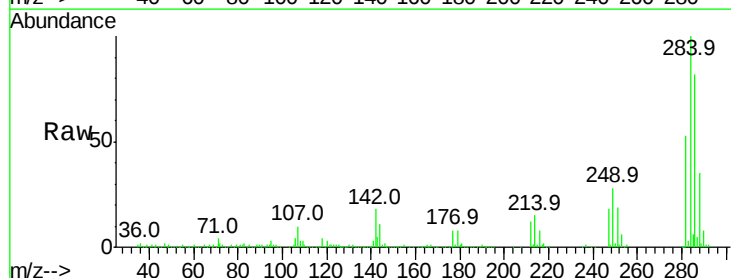
Instrument :
 BNA_F
 ClientSampleId :

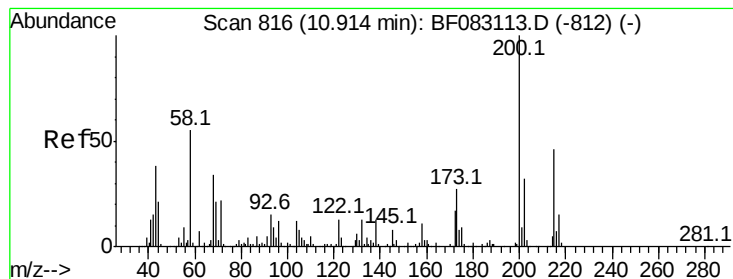
Tot Ion:248 Resp: 379212
 Ion Ratio Lower Upper
 248 100
 250 98.8 75.4 113.2
 141 83.7 48.1 72.1#



#67
 Hexachlorobenzene
 Concen: 47.79 ng
 RT: 10.79 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF083148.D
 Acq: 22 Nov 2015 9:55

Tgt Ion:284 Resp: 430520
 Ion Ratio Lower Upper
 284 100
 142 17.7 27.6 41.4#
 249 27.9 25.5 38.3





#68

Atrazine

Concen: 53.23 ng

RT: 10.90 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

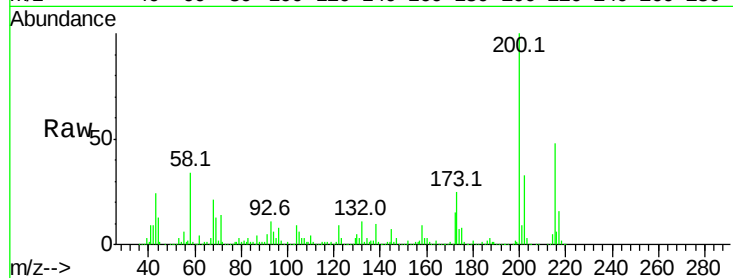
Tot Ion:200 Resp: 387596

Ion Ratio Lower Upper

200 100

173 24.9 7.2 47.2

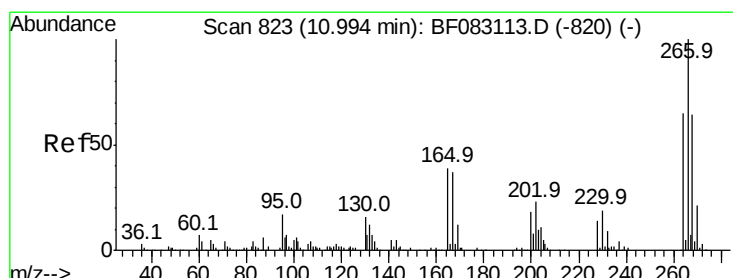
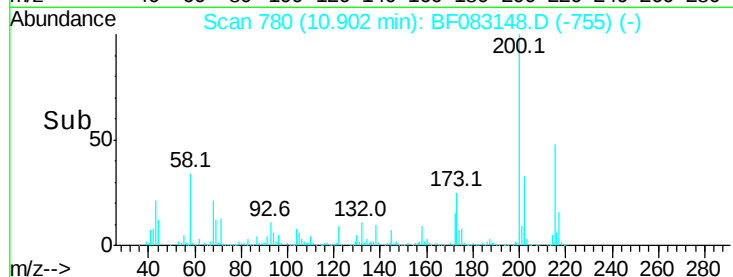
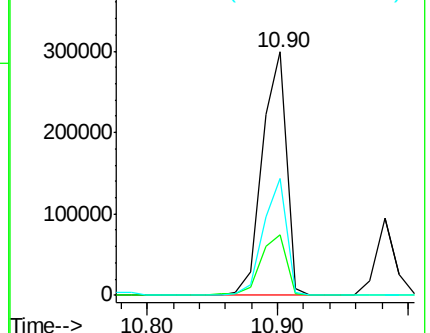
215 47.9 25.7 65.7



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: 84.19 ng

RT: 10.98 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

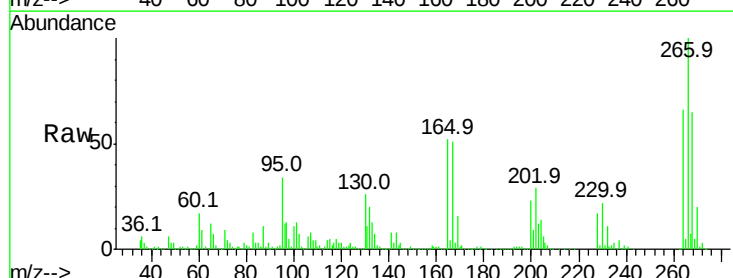
Tgt Ion:266 Resp: 494050

Ion Ratio Lower Upper

266 100

268 64.7 51.4 77.0

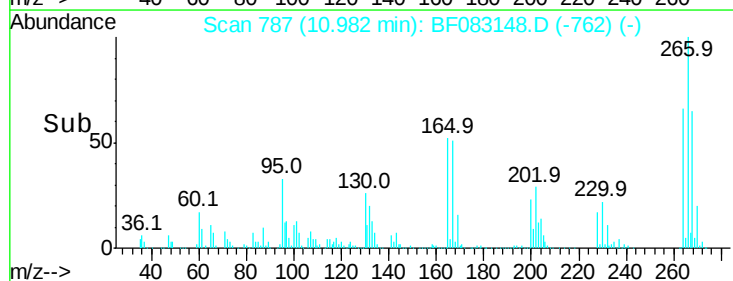
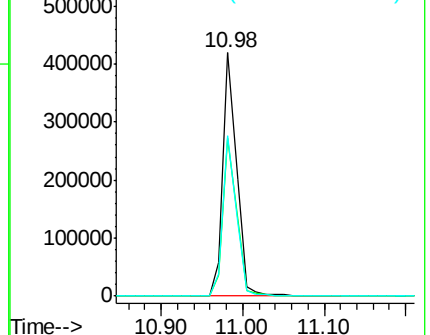
264 65.6 51.7 77.5

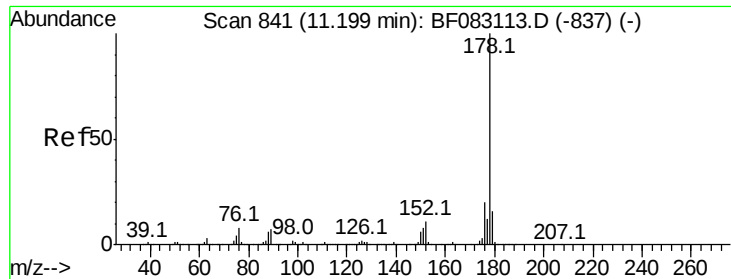


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

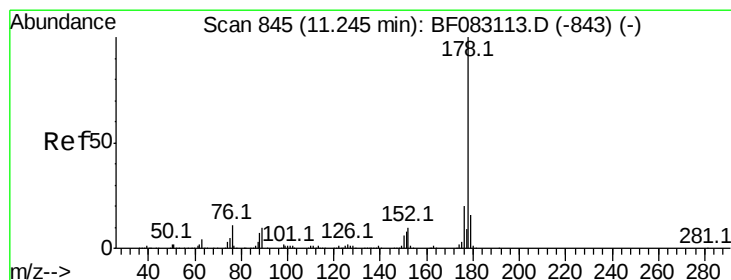
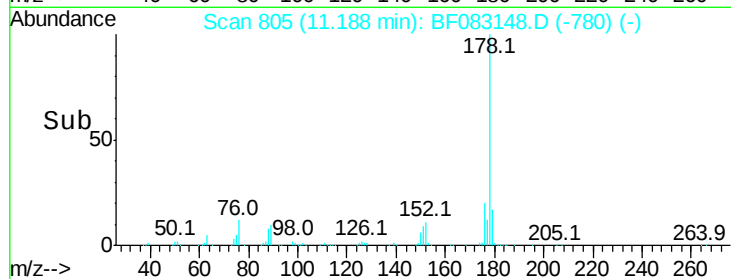
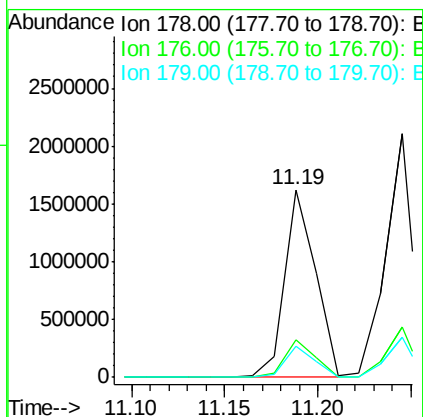
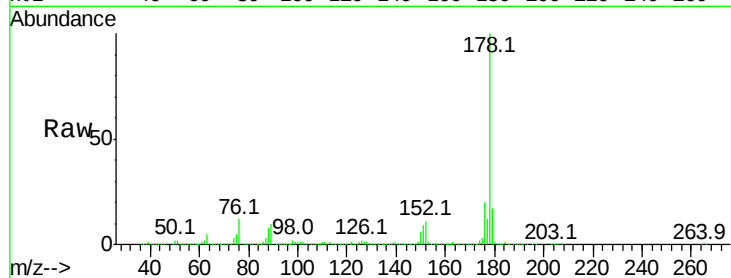




#70
Phenanthrene
Concen: 44.00 ng
RT: 11.19 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

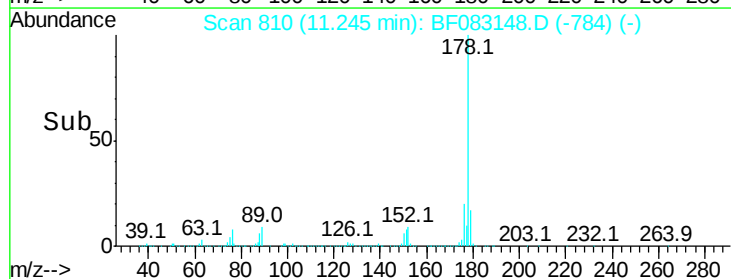
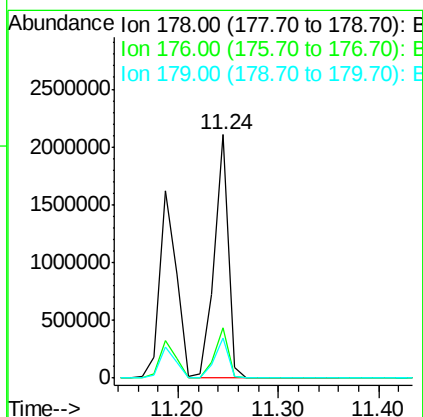
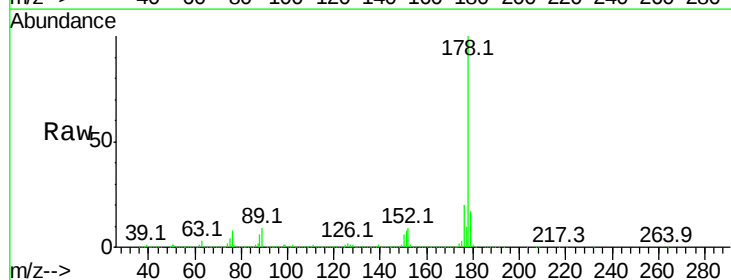
Instrument :
BNA_F
ClientSampleId :

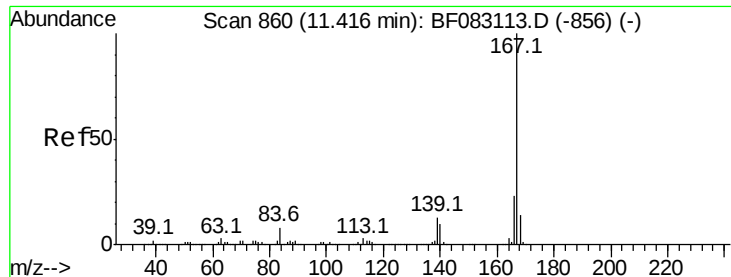
Tot Ion:178 Resp: 1868815
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.2
179 16.6 12.8 19.2



#71
Anthracene
Concen: 46.99 ng
RT: 11.24 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion:178 Resp: 2036375
Ion Ratio Lower Upper
178 100
176 20.5 15.6 23.4
179 16.6 13.2 19.8





#72

Carbazole

Concen: 44.09 ng

RT: 11.40 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

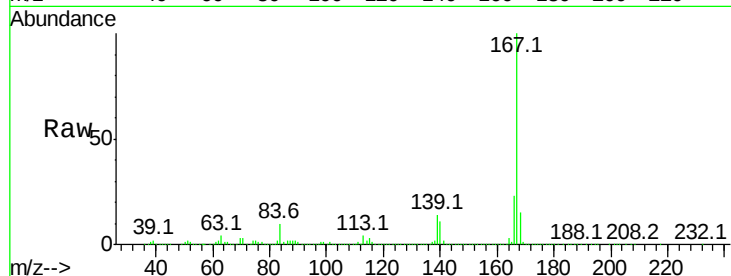
Tot Ion:167 Resp: 1698289

Ion Ratio Lower Upper

167 100

166 22.6 18.0 27.0

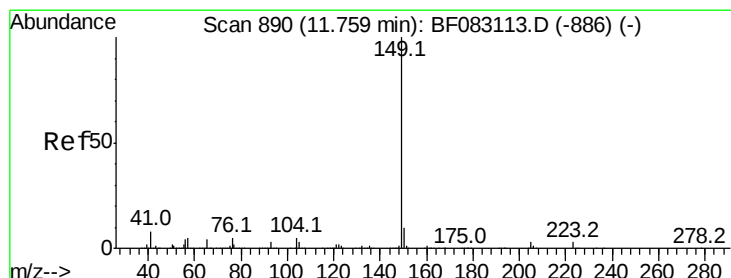
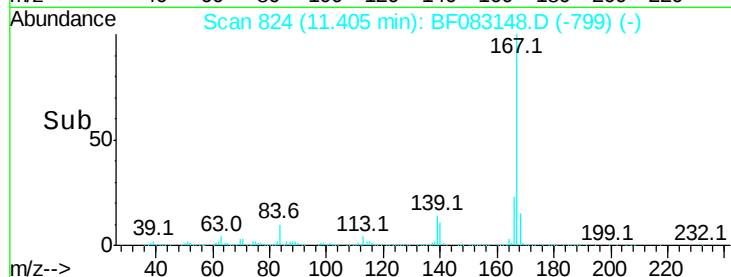
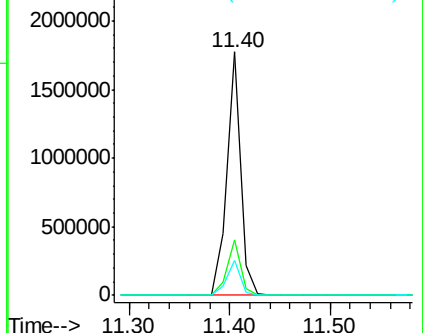
139 14.3 10.5 15.7



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: 48.23 ng

RT: 11.75 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

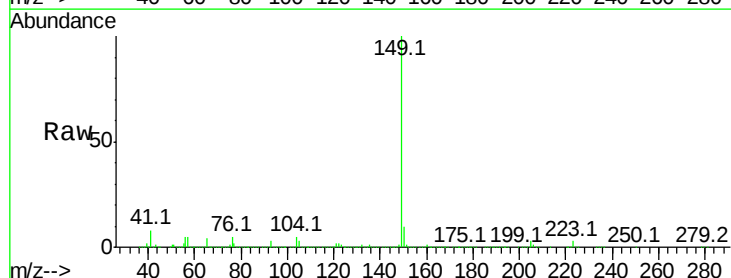
Tgt Ion:149 Resp: 2267531

Ion Ratio Lower Upper

149 100

150 10.3 8.0 12.0

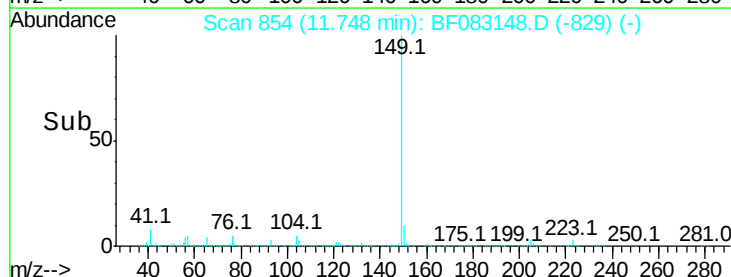
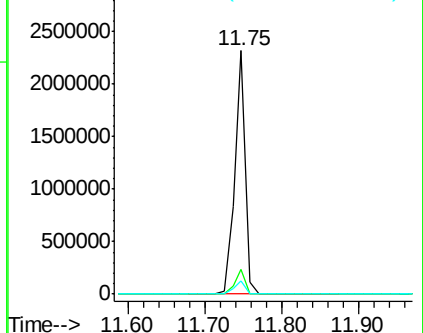
104 5.2 4.4 6.6

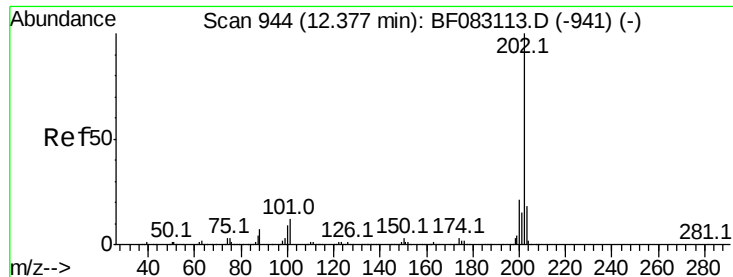


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

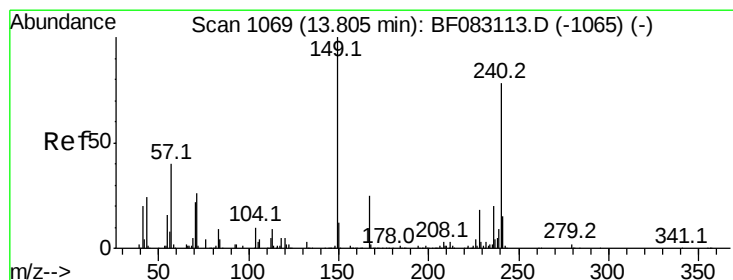
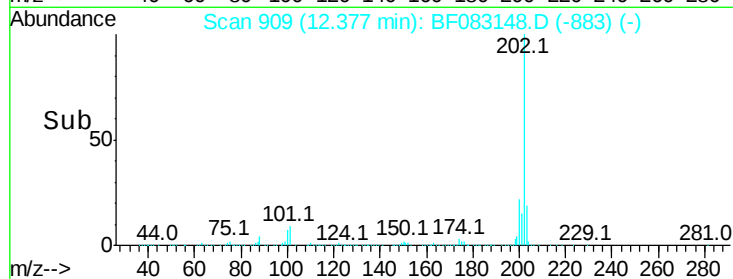
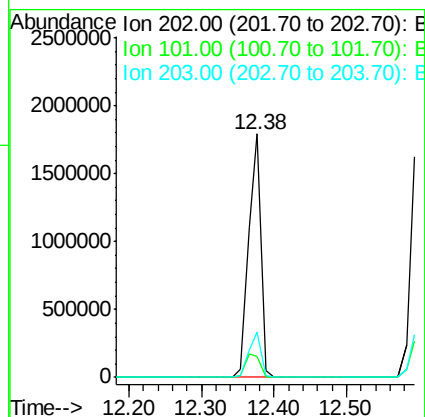
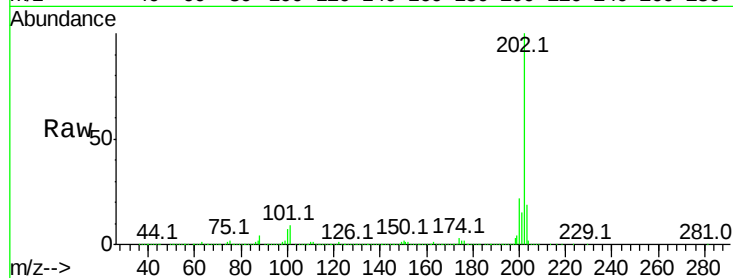




#74
Fluoranthene
Concen: 47.88 ng
RT: 12.38 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

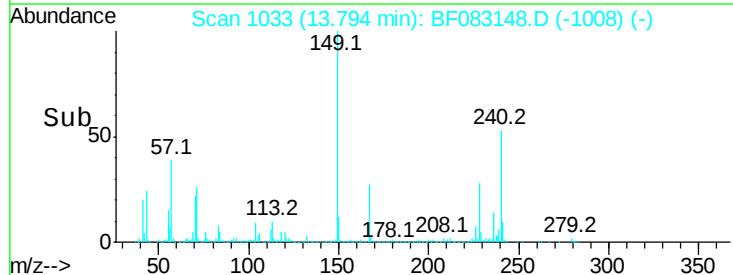
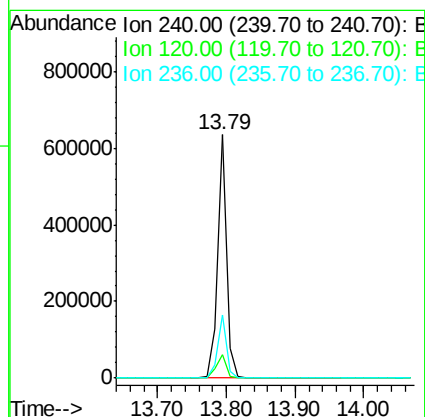
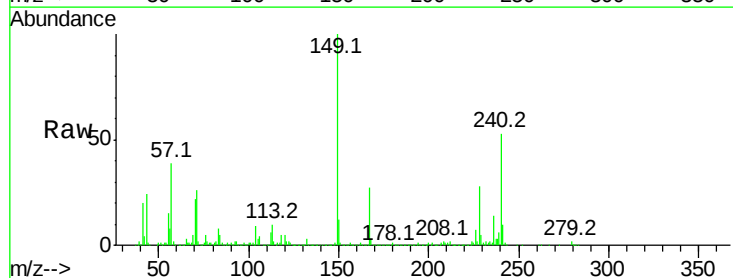
Instrument :
BNA_F
ClientSampleId :

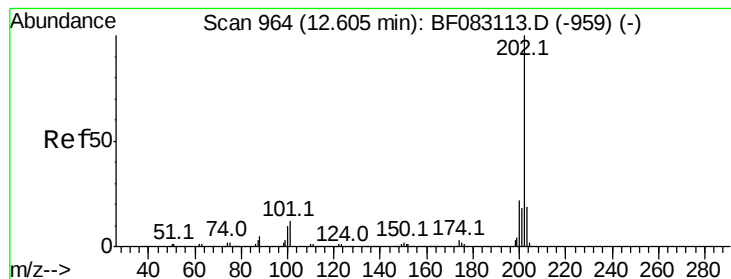
Tot Ion:202 Resp: 2081541
Ion Ratio Lower Upper
202 100
101 8.6 0.0 32.3
203 18.5 0.0 38.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion:240 Resp: 587975
Ion Ratio Lower Upper
240 100
120 9.8 5.4 8.2#
236 26.0 20.6 31.0





#77

Pvrene

Concen: 48.08 ng

RT: 12.59 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

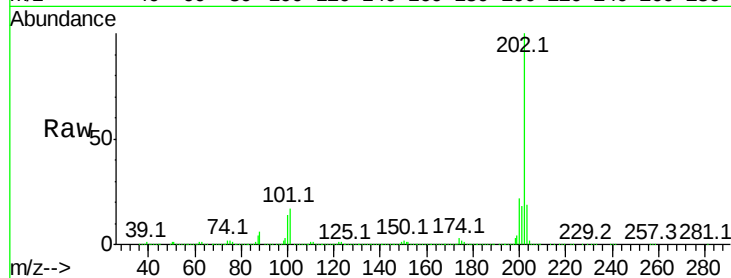
Tot Ion:202 Resp: 1931270

Ion Ratio Lower Upper

202 100

200 22.4 17.8 26.6

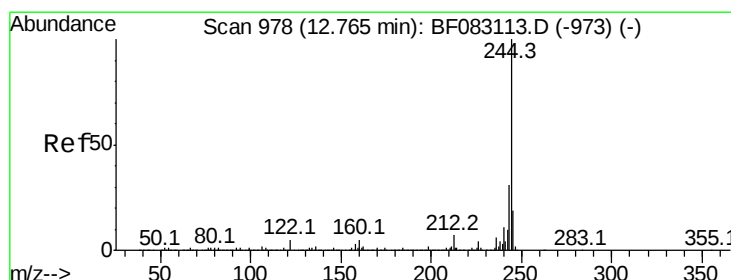
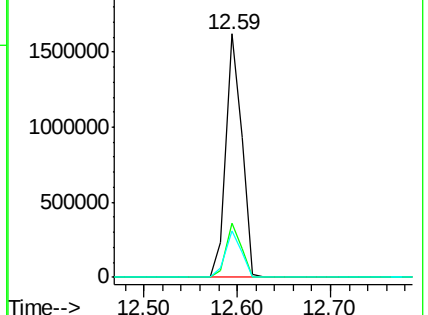
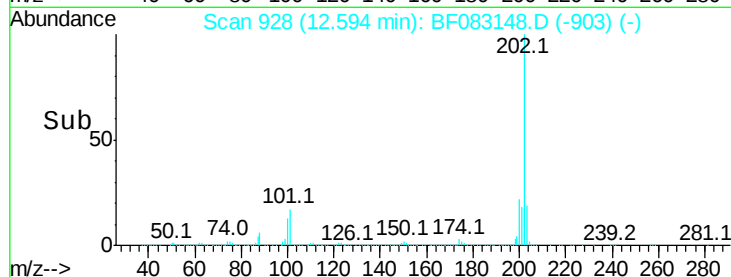
203 19.1 15.0 22.4



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: 86.16 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

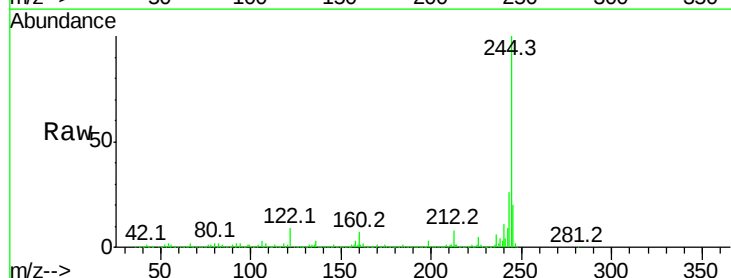
Tgt Ion:244 Resp: 2151233

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.2

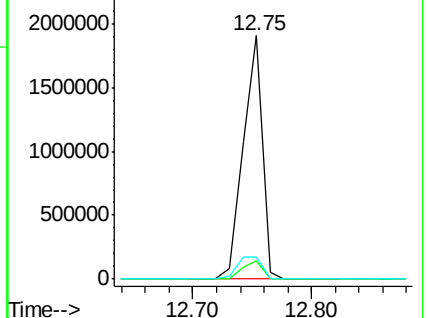
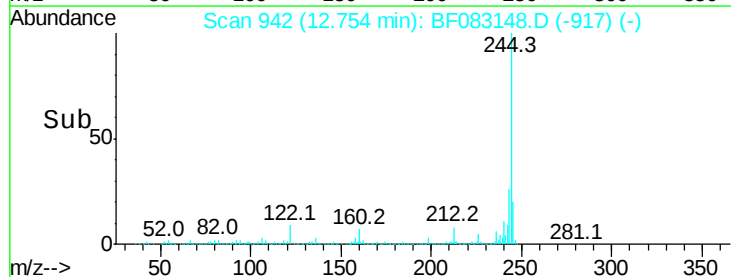
122 9.1 4.3 6.5#

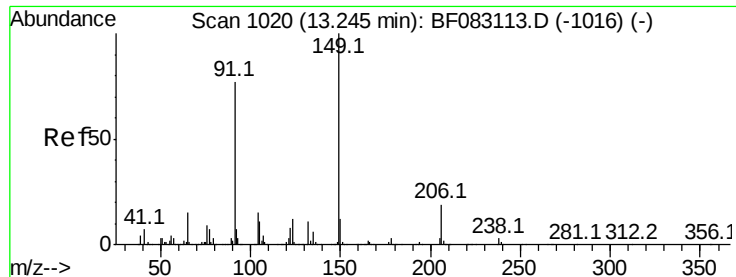


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

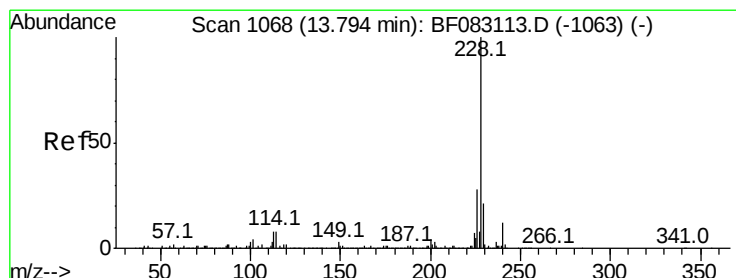
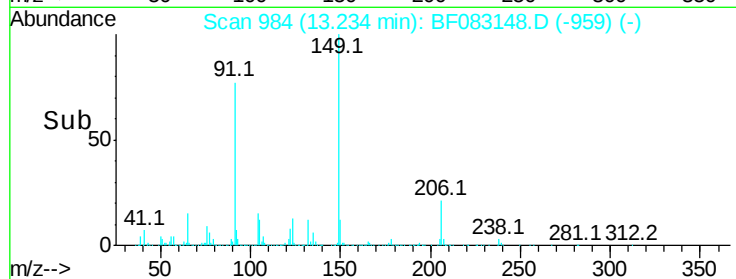
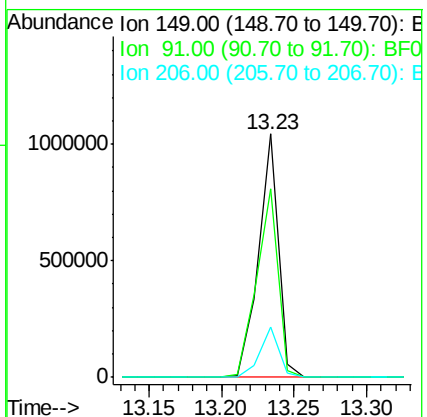
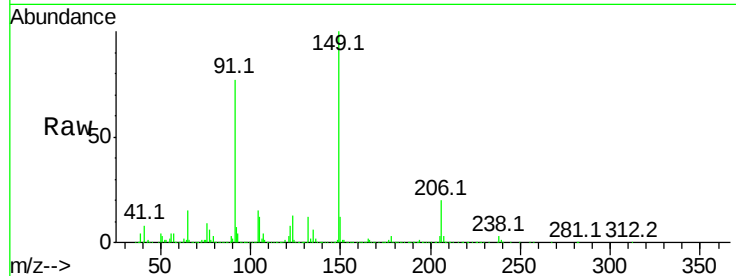




#79
Butylbenzylphthalate
Concen: 52.32 ng
RT: 13.23 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

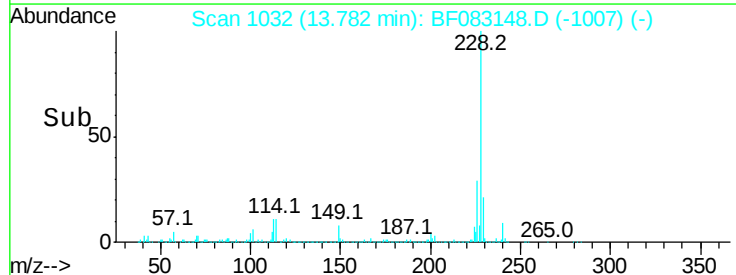
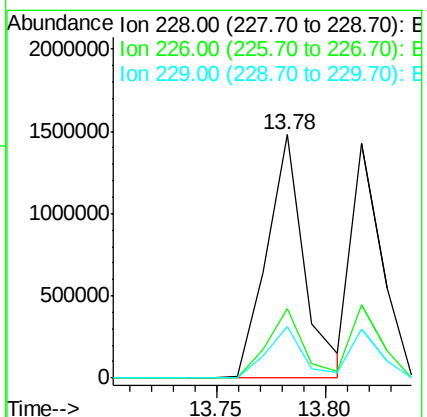
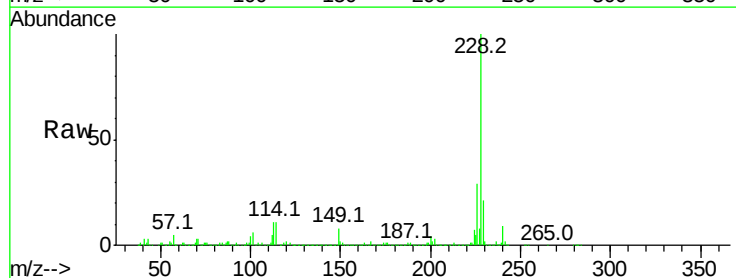
Instrument :
BNA_F
ClientSampleId :

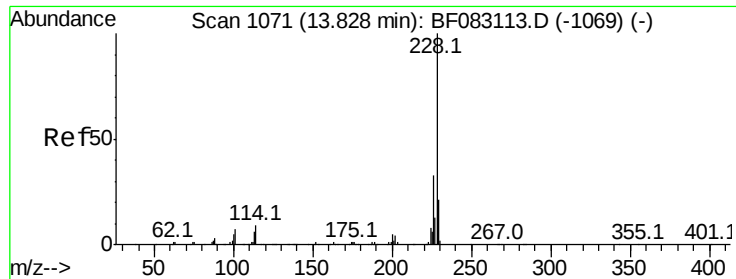
Tot Ion	Ratio	Lower	Upper
149	100		
91	77.2	61.5	92.3
206	20.5	15.3	22.9



#80
Benzo(a)anthracene
Concen: 49.47 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF083148.D
Acq: 22 Nov 2015 9:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	21.0	16.6	24.8





#82

Chrysene

Concen: 41.00 ng

RT: 13.82 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

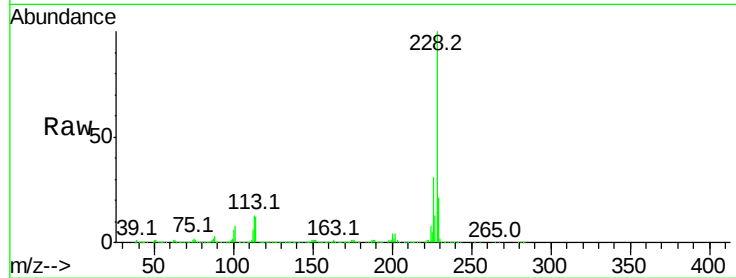
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1382597

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.5	38.3
229	20.8	16.6	25.0

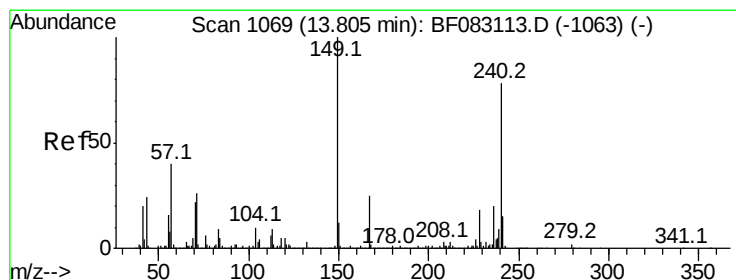
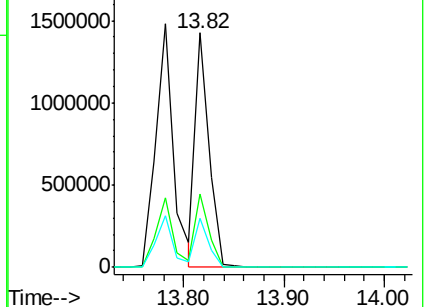
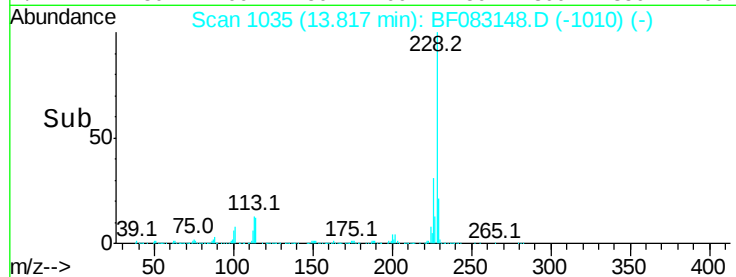


Abundance

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 51.48 ng

RT: 13.79 min Scan# 1033

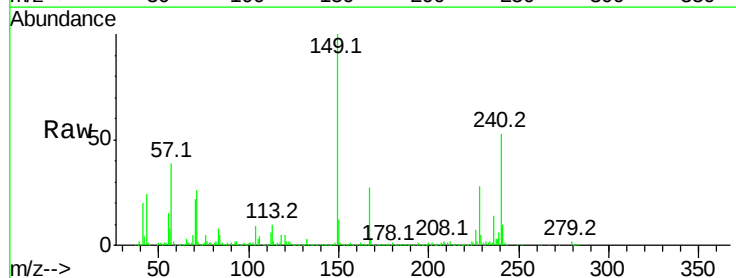
Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Tgt Ion:149 Resp: 1278192

Ion	Ratio	Lower	Upper
149	100		
167	27.1	20.1	30.1
279	2.4	1.7	2.5

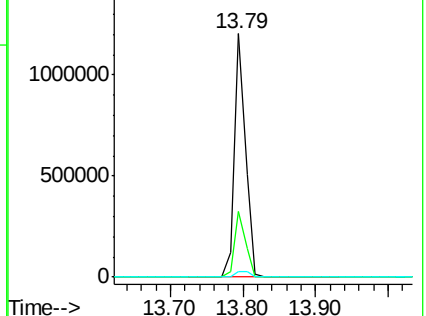
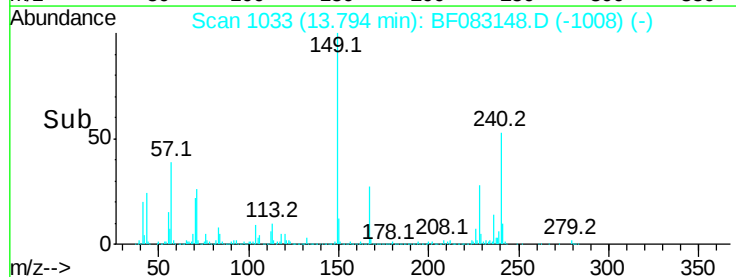


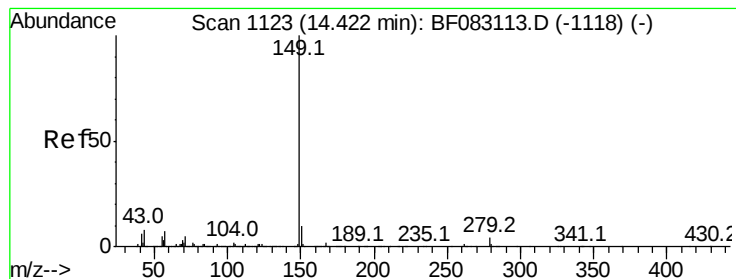
Abundance

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: 49.28 ng

RT: 14.40 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

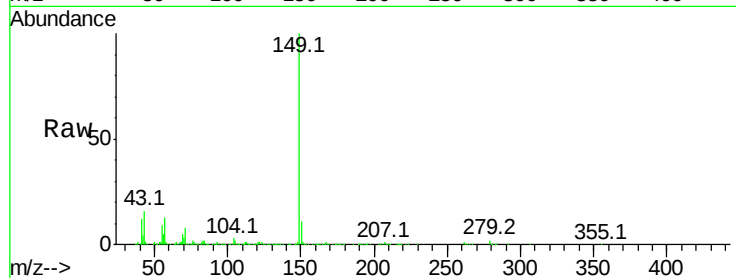
Tot Ion:149 Resp: 2106609

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

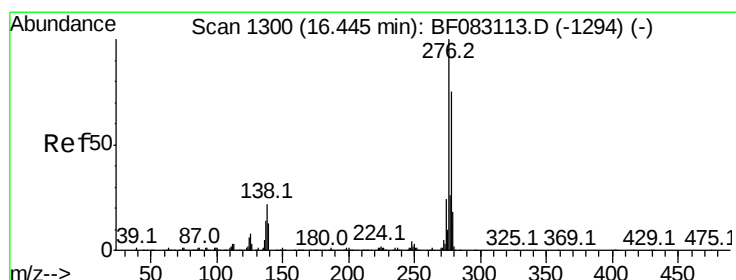
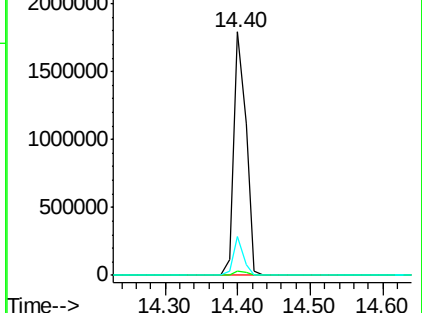
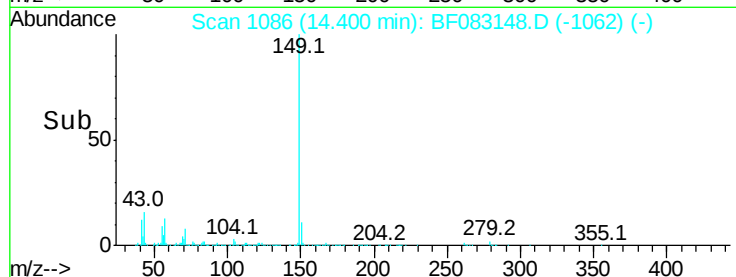
43 13.2 9.5 14.3



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): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 47.91 ng

RT: 16.42 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

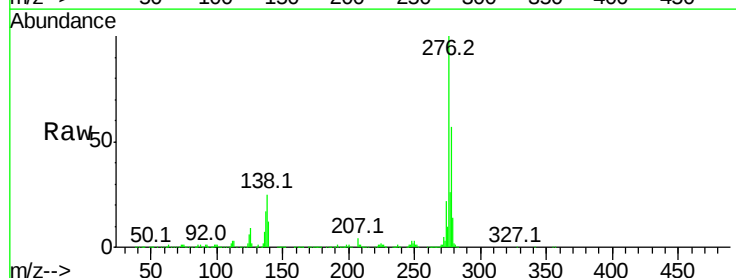
Tgt Ion:276 Resp: 1469427

Ion Ratio Lower Upper

276 100

138 25.1 18.0 27.0

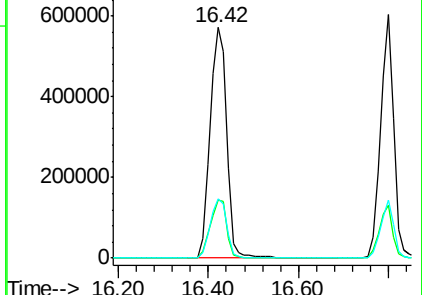
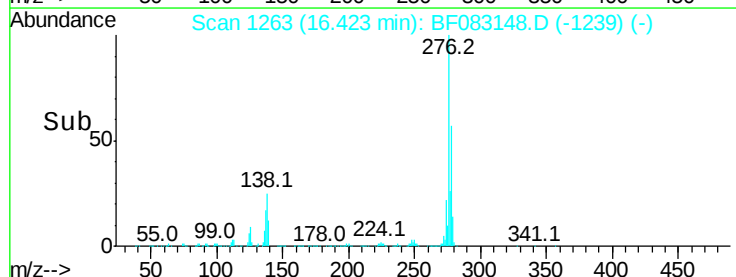
277 25.6 20.2 30.4

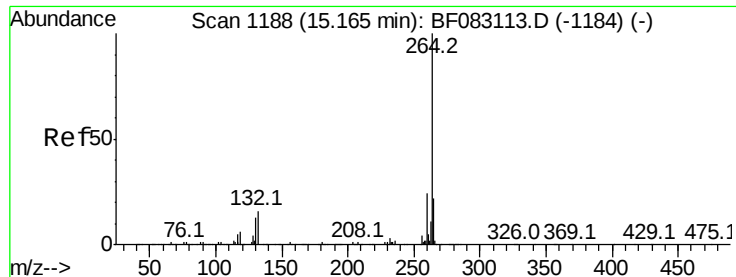


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

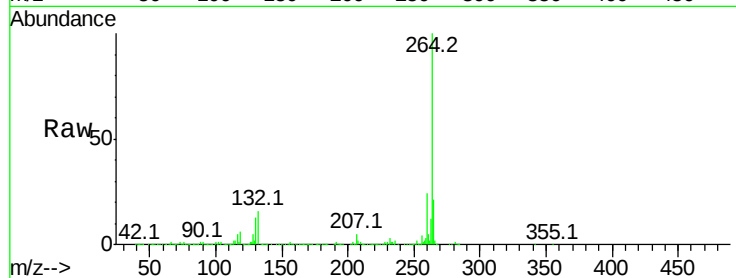
Tot Ion:264 Resp: 511318

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.3 18.2 27.4



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

15.15

400000

300000

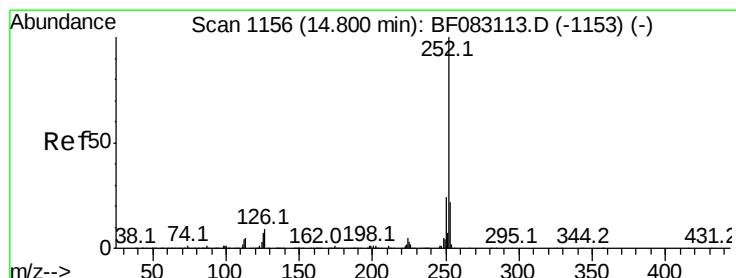
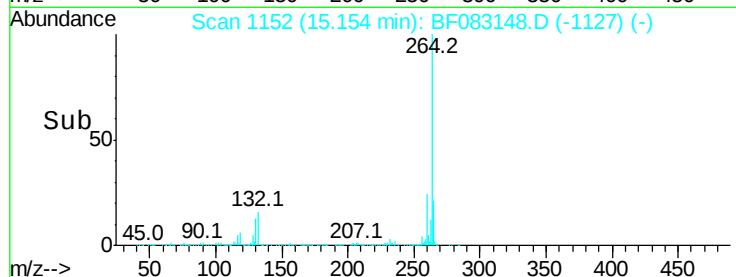
200000

100000

0

15.10 15.20 15.30

Time-->



#87

Benzo(b)fluoranthene

Concen: 81.06 ng

RT: 14.81 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

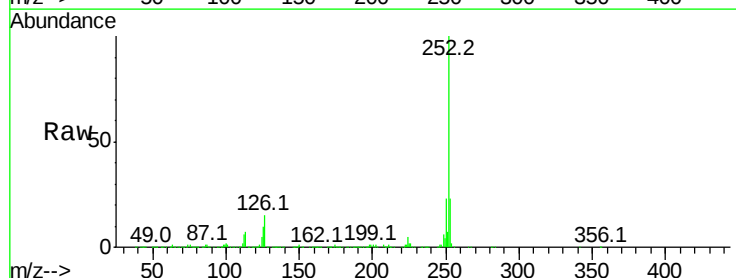
Tgt Ion:252 Resp: 2831898

Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

125 9.7 5.6 8.4#



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

14.81

1500000

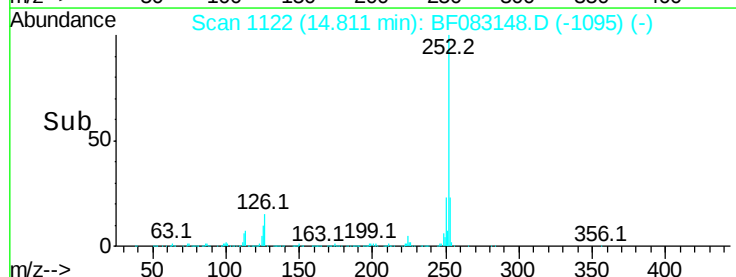
1000000

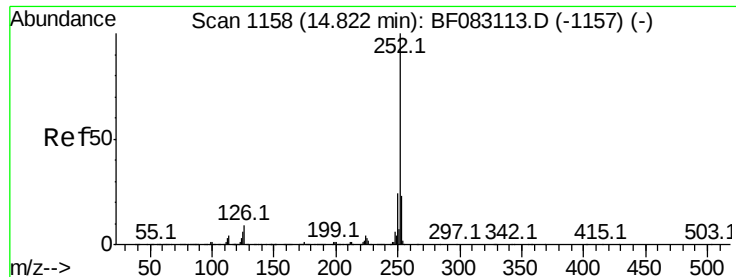
500000

0

14.80 15.00

Time-->





#88

Benzo(k)fluoranthene

Concen: 108.79 ng

RT: 14.81 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

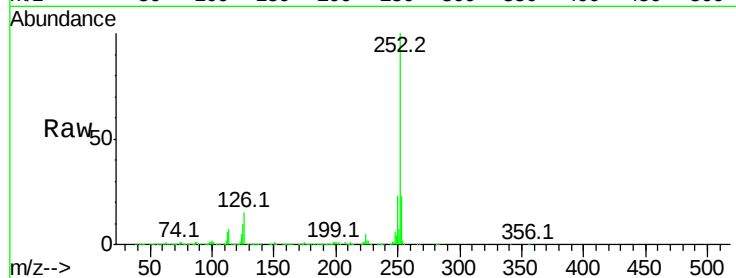
Tot Ion:252 Resp: 2831898

Ion Ratio Lower Upper

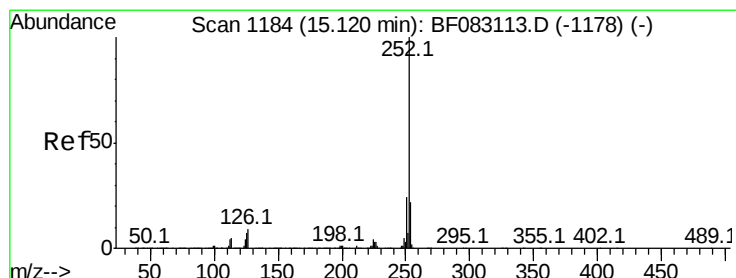
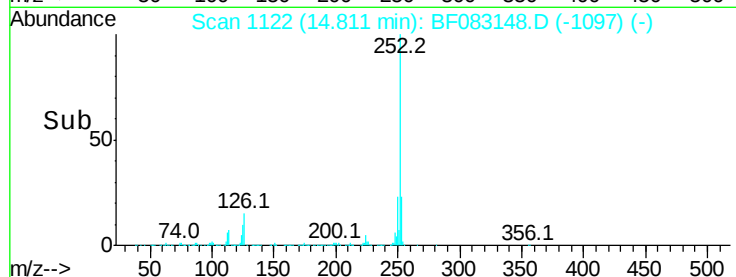
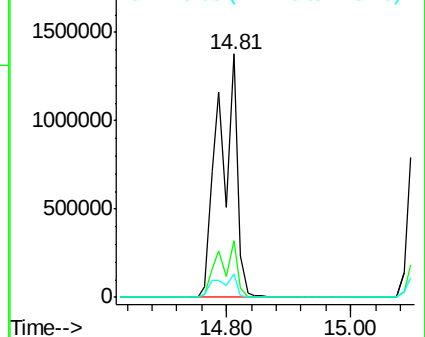
252 100

253 23.1 18.2 27.2

125 9.7 6.8 10.2



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



#89

Benzo(a)pyrene

Concen: 45.51 ng

RT: 15.11 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

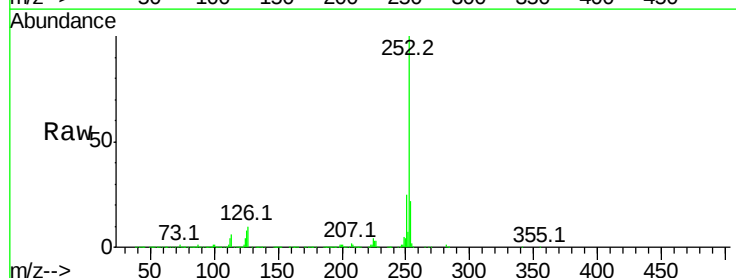
Tgt Ion:252 Resp: 1312617

Ion Ratio Lower Upper

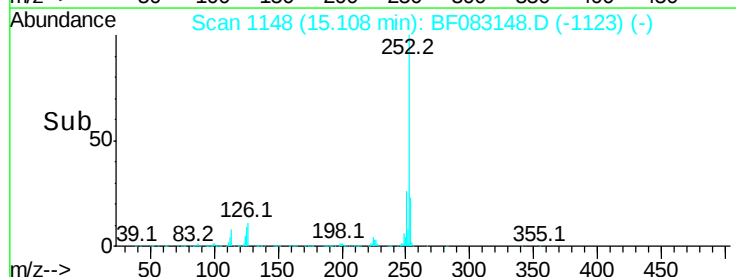
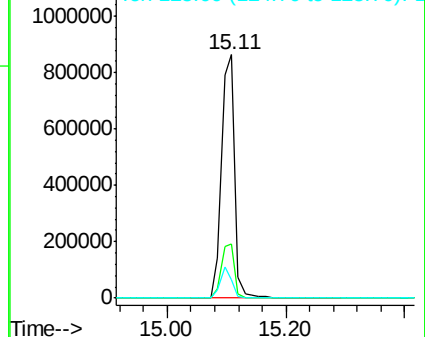
252 100

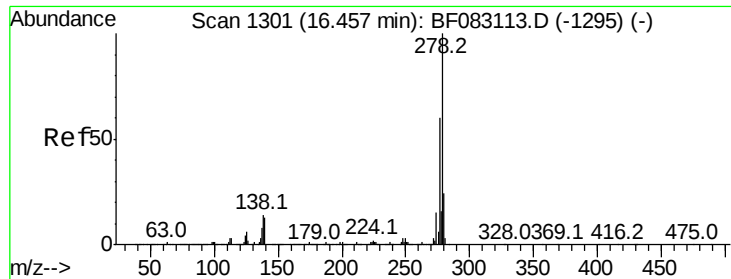
253 22.5 17.5 26.3

125 7.7 5.4 8.0



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





#90

Dibenzo(a,h)anthracene

Concen: 47.18 ng

RT: 16.43 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

Instrument :

BNA_F

ClientSampleId :

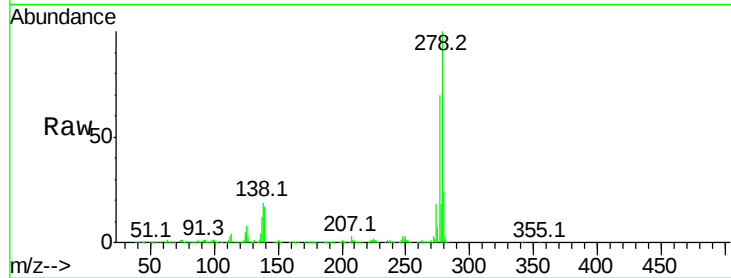
Tot Ion:278 Resp: 1236119

Ion Ratio Lower Upper

278 100

139 16.7 10.7 16.1#

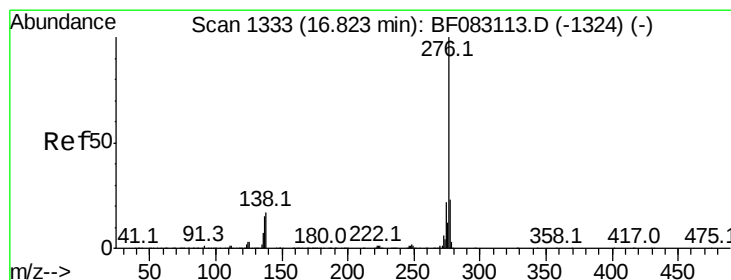
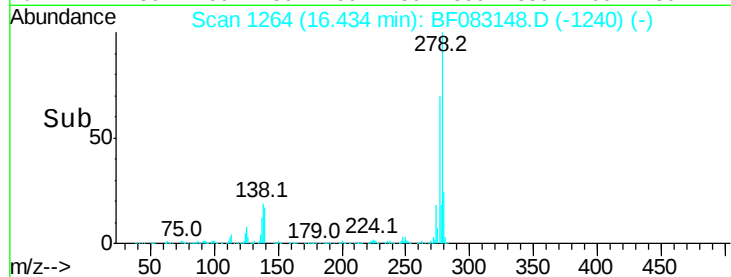
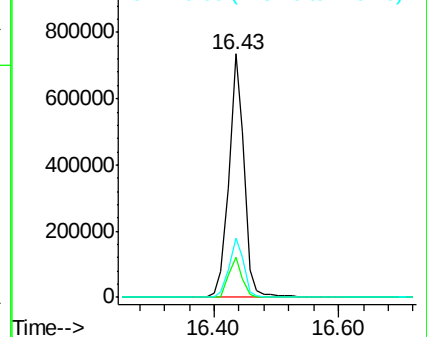
279 24.3 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 48.03 ng

RT: 16.80 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BF083148.D

Acq: 22 Nov 2015 9:55

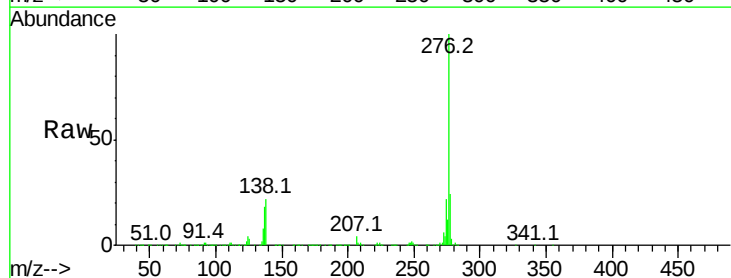
Tgt Ion:276 Resp: 1228512

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 21.6 13.9 20.9#



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

