

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112715\
 Data File : BF083331.D
 Acq On : 27 Nov 2015 16:07
 Operator : UM/IZ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 16:53:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112715.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	6.56	152	159662	20.00	ng	-0.10
21) Naphthalene-d8	7.85	136	580620	20.00	ng	-0.10
38) Acenaphthene-d10	9.60	164	292280	20.00	ng	-0.10
63) Phenanthrene-d10	11.07	188	477110	20.00	ng	-0.10
75) Chrysene-d12	13.69	240	303697	20.00	ng	-0.11
86) Perylene-d12	15.03	264	327557	20.00	ng	-0.14

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	559442	52.97	ng	-0.14
7) Phenol-d6	6.23	99	692707	50.70	ng	-0.11
23) Nitrobenzene-d5	7.14	82	683570	53.80	ng	-0.09
41) 2,4,6-Tribromophenol	10.39	330	138850	46.44	ng	-0.10
44) 2-Fluorobiphenyl	8.94	172	1162144	55.45	ng	-0.09
78) Terphenyl-d14	12.65	244	779625	60.45	ng	-0.11

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.27	88	888	0.17	ng	# 18
4) n-Nitrosodimethylamine	2.55	42	159300	25.00	ng	91
6) Aniline	6.23	93	495666	29.68	ng	99
8) 2-Chlorophenol	6.35	128	301133	26.39	ng	93
9) Benzaldehyde	6.10	77	208245	27.81	ng	97
10) Phenol	6.24	94	423135	25.60	ng	91
11) bis(2-Chloroethyl)ether	6.31	93	318611	26.99	ng	96
12) 1,3-Dichlorobenzene	6.73	146	301134	23.11	ng	97
13) 1,4-Dichlorobenzene	6.58	146	346070	26.26	ng	95
14) 1,2-Dichlorobenzene	6.73	146	310827	25.95	ng	95
15) Benzyl Alcohol	6.73	79	272536	23.87	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.86	45	547220	29.73	ng	88
17) 2-Methylphenol	6.86	107	244921	25.94	ng	92
18) Hexachloroethane	7.07	117	119572	25.76	ng	# 84
19) n-Nitroso-di-n-propylamine	6.99	70	264464	27.81	ng	99
20) 3+4-Methylphenols	7.02	107	331973	27.81	ng	98
22) Acetophenone	6.98	105	437329	26.24	ng	# 96
24) Nitrobenzene	7.15	77	375668	27.67	ng	100
25) Isophorone	7.39	82	632510	26.29	ng	# 94
26) 2-Nitrophenol	7.47	139	154899	25.84	ng	# 86
27) 2,4-Dimethylphenol	7.54	122	243597	25.47	ng	89
28) bis(2-Chloroethoxy)methane	7.62	93	406077	29.03	ng	99
29) 2,4-Dichlorophenol	7.72	162	247344	27.19	ng	97
30) 1,2,4-Trichlorobenzene	7.80	180	260947	26.11	ng	97
31) Naphthalene	7.87	128	840879	26.83	ng	99
32) Benzoic acid	7.66	122	121263	16.31	ng	95
33) 4-Chloroaniline	7.94	127	339345	27.91	ng	# 86
34) Hexachlorobutadiene	8.00	225	150818	25.54	ng	96
35) Caprolactam	8.43	113	6706	2.30	ng	# 16
36) 4-Chloro-3-methylphenol	8.43	107	263657	25.02	ng	89
37) 2-Methylnaphthalene	8.66	142	507785	24.97	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	242153	25.56	ng	99
40) Hexachlorocyclopentadiene	8.72	237	103998	19.31	ng	97
42) 2,4,6-Trichlorophenol	8.86	196	175303	25.84	ng	99

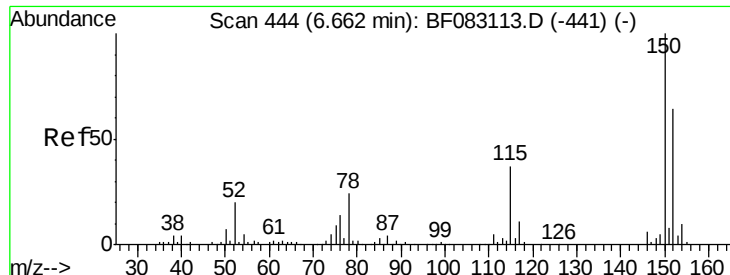
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112715\
 Data File : BF083331.D
 Acq On : 27 Nov 2015 16:07
 Operator : UM/IZ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 16:53:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112715.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	8.90	196	167180	24.10	nq	99
45) 1,1'-Biphenyl	9.03	154	651082	26.17	nq	97
46) 2-Chloronaphthalene	9.05	162	541133	27.69	nq	98
47) 2-Nitroaniline	9.15	65	187192	27.08	nq	100
48) Acenaphthylene	9.46	152	845914	27.94	nq	99
49) Dimethylphthalate	9.34	163	542380	24.10	nq	100
50) 2,6-Dinitrotoluene	9.39	165	117125	23.20	nq	93
51) Acenaphthene	9.63	154	488612	26.51	nq	99
52) 3-Nitroaniline	9.56	138	142024	26.38	nq #	71
53) 2,4-Dinitrophenol	9.68	184	36594	12.58	nq #	78
54) Dibenzofuran	9.80	168	712188	27.33	nq	96
55) 4-Nitrophenol	9.76	139	67324	16.31	nq #	75
56) 2,4-Dinitrotoluene	9.79	165	144711	22.62	nq	88
57) Fluorene	10.14	166	523704	24.32	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	136512	23.99	nq	96
59) Diethylphthalate	10.03	149	546767	24.41	nq	97
60) 4-Chlorophenyl-phenylether	10.14	204	248762	25.22	nq	97
61) 4-Nitroaniline	10.17	138	119827	22.61	nq	84
62) Azobenzene	10.30	77	683169	26.72	nq	97
64) 4,6-Dinitro-2-methylphenol	10.20	198	76485	23.27	nq	95
65) n-Nitrosodiphenylamine	10.26	169	489743	30.18	nq	99
66) 4-Bromophenyl-phenylether	10.63	248	150354	28.40	nq	97
67) Hexachlorobenzene	10.68	284	155251	26.63	nq #	92
68) Atrazine	10.80	200	119968	25.46	nq	92
69) Pentachlorophenol	10.89	266	70234	18.49	nq	97
70) Phenanthrene	11.10	178	769486	27.99	nq	99
71) Anthracene	11.14	178	764772	27.27	nq	99
72) Carbazole	11.30	167	612429	24.57	nq	99
73) Di-n-butylphthalate	11.64	149	703213	23.11	nq	99
74) Fluoranthene	12.27	202	662363	23.54	nq	94
76) Benzidine	12.40	184	279838	35.16	nq	98
77) Pyrene	12.49	202	641018	30.90	nq	98
79) Butylbenzylphthalate	13.13	149	226489	23.07	nq	90
80) Benzo(a)anthracene	13.68	228	495141	26.36	nq	97
81) 3,3'-Dichlorobenzidine	13.66	252	171619	26.25	nq	99
82) Chrysene	13.71	228	417461	23.97	nq	98
83) Bis(2-ethylhexyl)phthalate	13.70	149	311775	24.31	nq #	96
84) Di-n-octyl phthalate	14.31	149	568285	25.74	nq	96
85) Indeno(1,2,3-cd)pyrene	16.24	276	644662	40.69	nq	97
87) Benzo(b)fluoranthene	14.67	252	945231	42.23	nq #	97
88) Benzo(k)fluoranthene	14.67	252	945243	56.69	nq #	97
89) Benzo(a)pyrene	14.98	252	476231	25.77	nq #	98
90) Dibenzo(a,h)anthracene	16.25	278	542804	32.34	nq	98
91) Benzo(g,h,i)perylene	16.59	276	534386	32.61	nq #	93

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

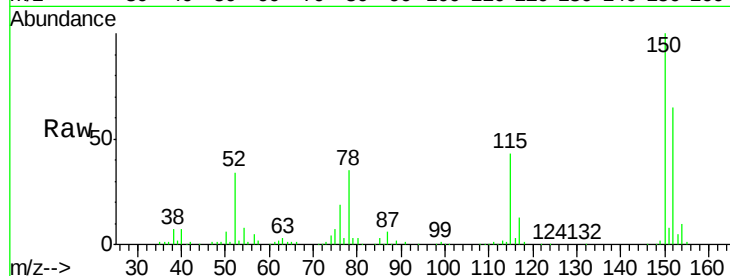


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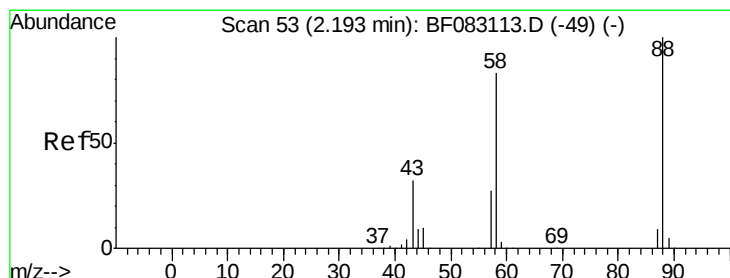
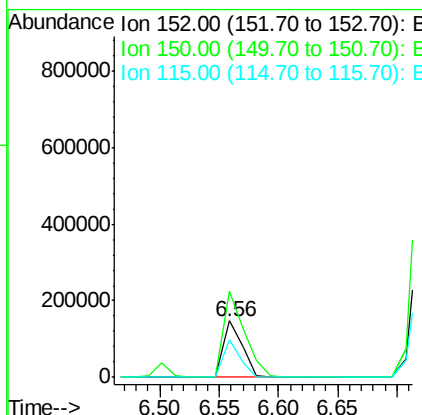
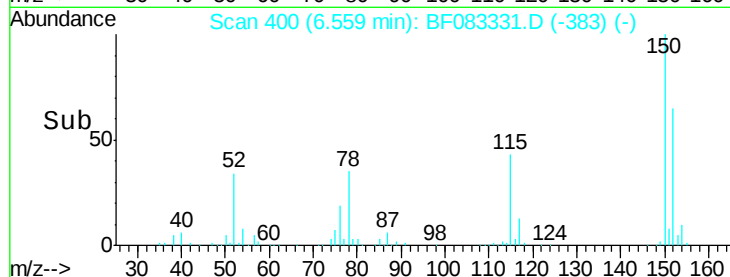
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 400
Delta R.T. -0.10 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 159662
Ion Ratio Lower Upper
152 100
150 153.1 125.8 188.8
115 66.4 46.9 70.3



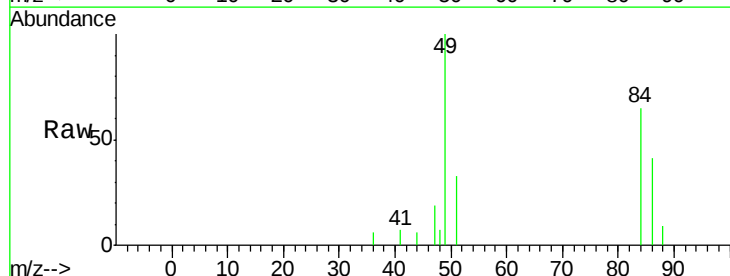
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



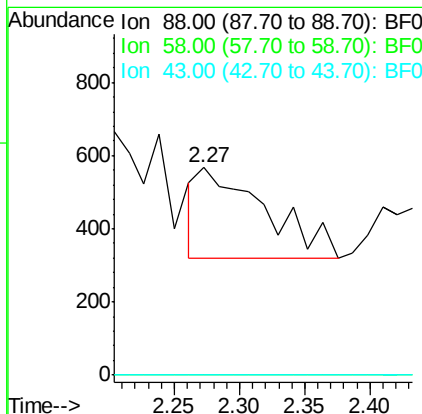
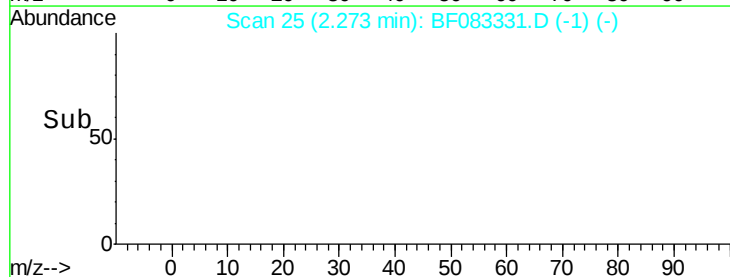
#2

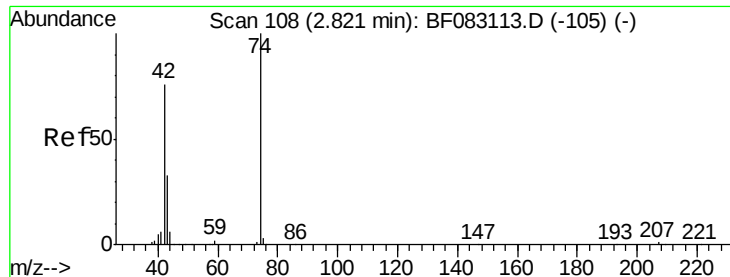
1,4-Dioxane
Concen: 0.17 ng
RT: 2.27 min Scan# 25
Delta R.T. 0.08 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

Tgt Ion: 88 Resp: 888
Ion Ratio Lower Upper
88 100
58 0.0 65.0 97.6#
43 0.0 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: 25.00 ng

RT: 2.55 min Scan# 49

Delta R.T. -0.27 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampleId :

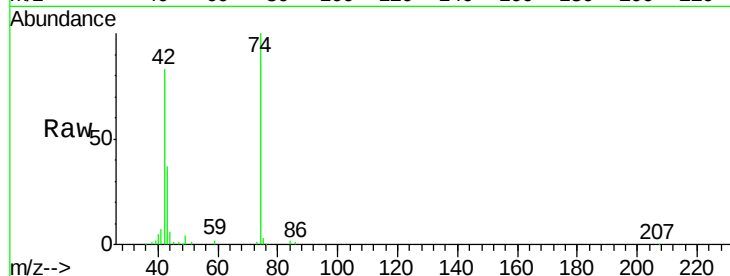
Tot Ion: 42 Resp: 159300

Ion Ratio Lower Upper

42 100

74 120.1 104.8 157.2

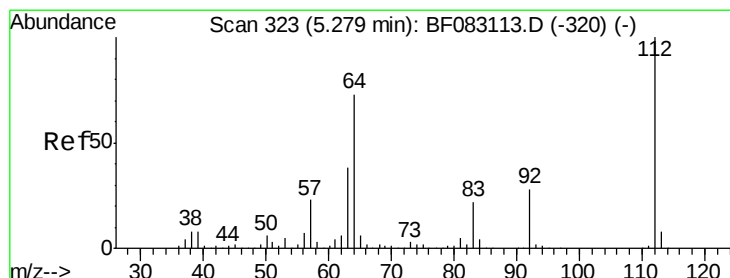
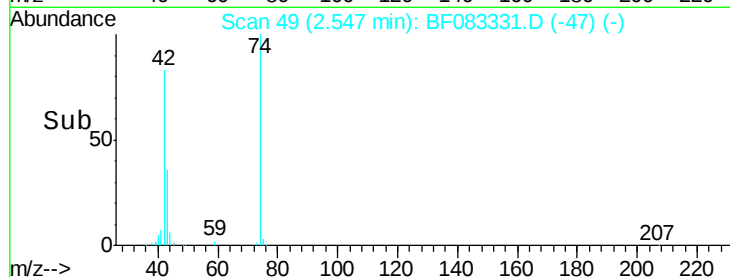
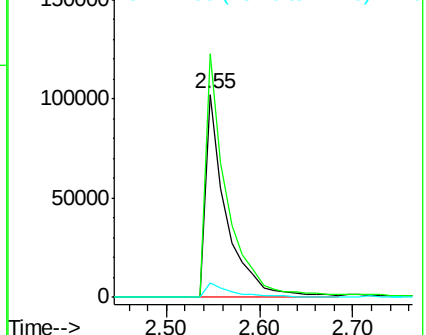
44 7.4 6.2 9.4



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: 52.97 ng

RT: 5.14 min Scan# 276

Delta R.T. -0.14 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

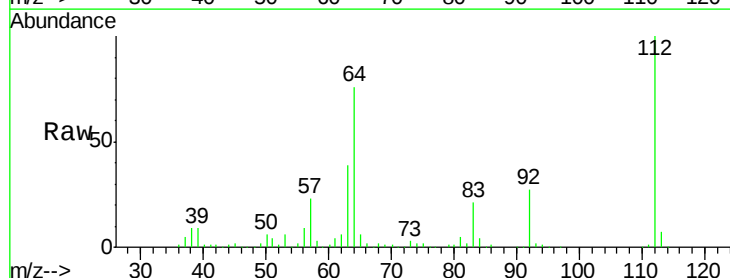
Tgt Ion: 112 Resp: 559442

Ion Ratio Lower Upper

112 100

64 75.9 58.4 87.6

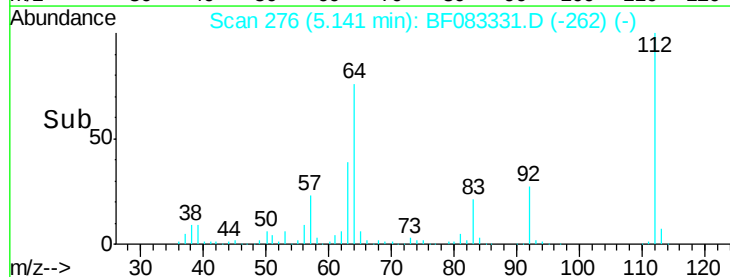
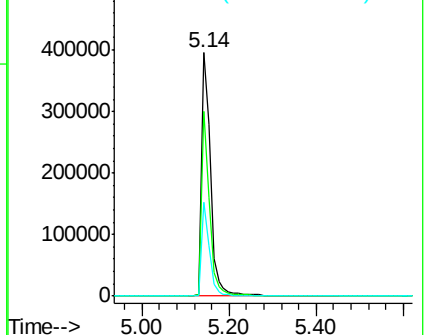
63 38.5 30.0 45.0

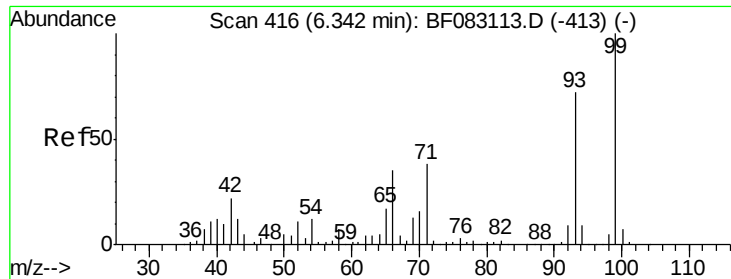


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 29.68 ng

RT: 6.23 min Scan# 371

Delta R.T. -0.11 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampleId :

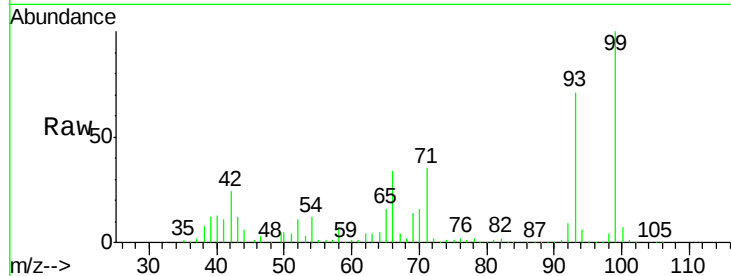
Tot Ion: 93 Resp: 495666

Ion Ratio Lower Upper

93 100

66 48.1 38.7 58.1

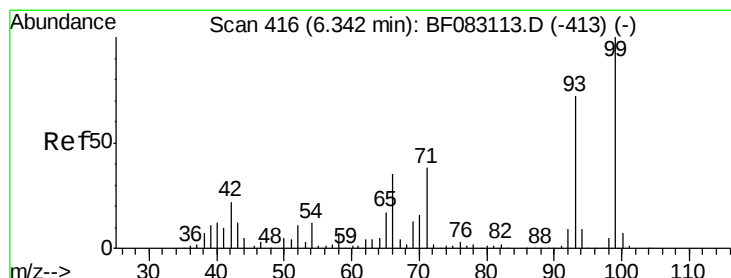
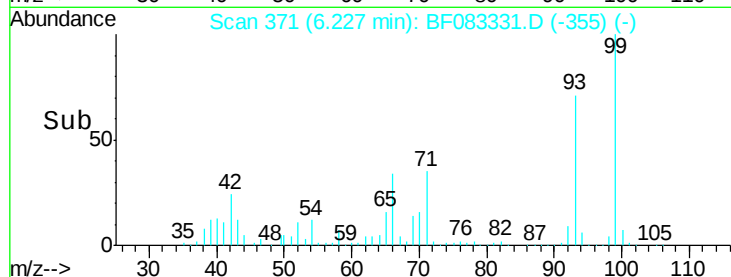
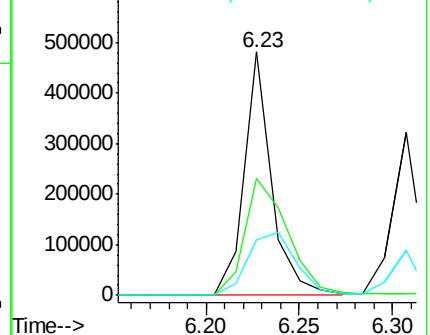
65 22.7 18.6 27.8



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: 50.70 ng

RT: 6.23 min Scan# 371

Delta R.T. -0.11 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

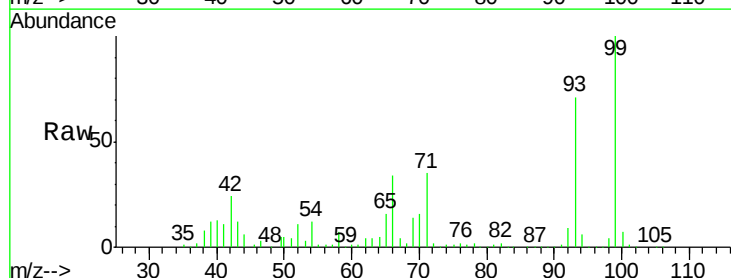
Tgt Ion: 99 Resp: 692707

Ion Ratio Lower Upper

99 100

42 23.9 17.7 26.5

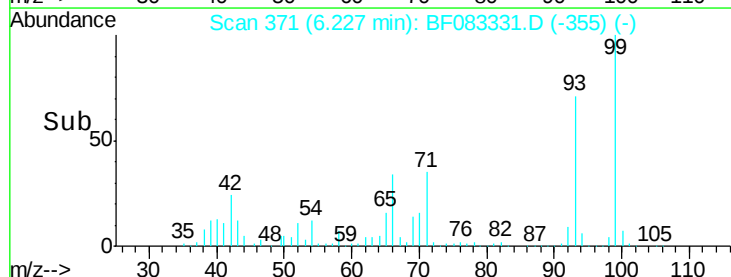
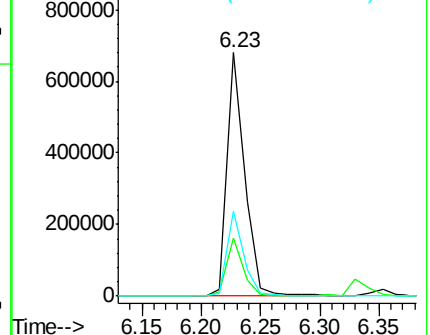
71 34.9 30.2 45.4

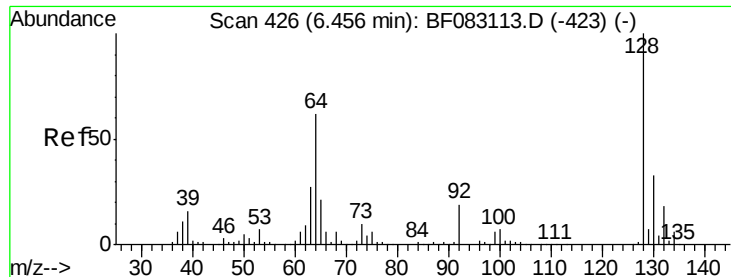


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 26.39 ng

RT: 6.35 min Scan# 382

Delta R.T. -0.10 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampled :

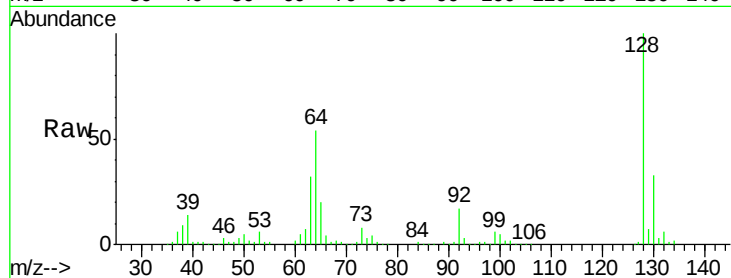
Tot Ion:128 Resp: 301133

Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

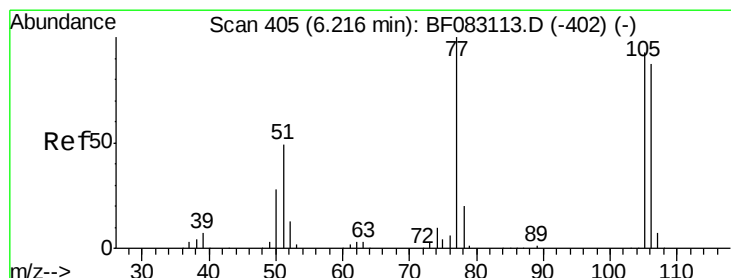
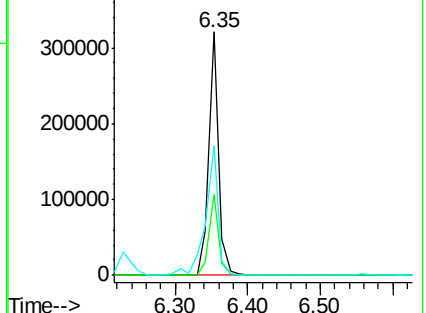
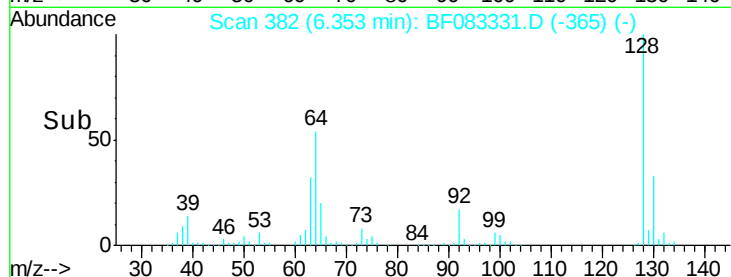
64 53.5 41.9 81.9



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): E



#9

Benzaldehyde

Concen: 27.81 ng

RT: 6.10 min Scan# 360

Delta R.T. -0.11 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

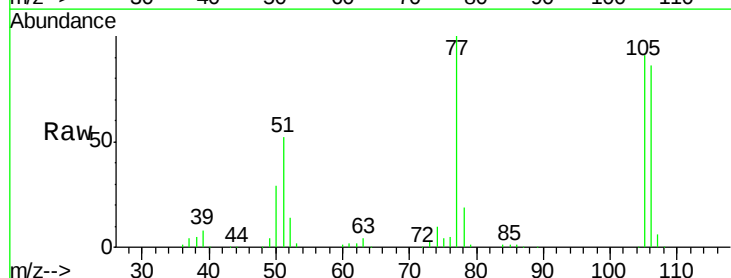
Tgt Ion: 77 Resp: 208245

Ion Ratio Lower Upper

77 100

105 90.5 73.4 113.4

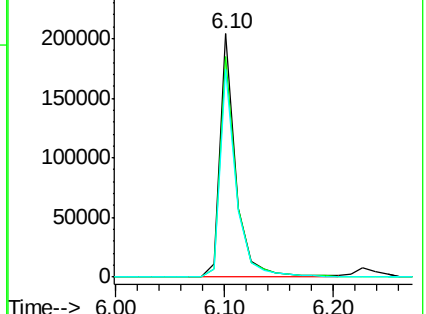
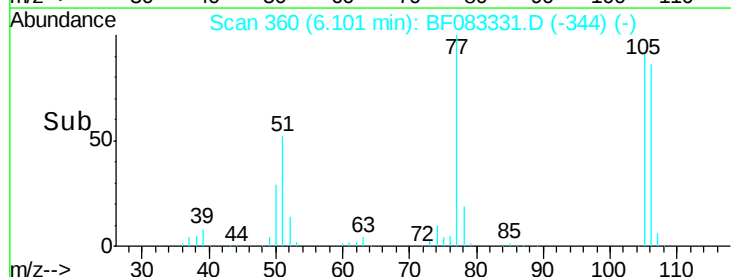
106 85.5 67.5 107.5

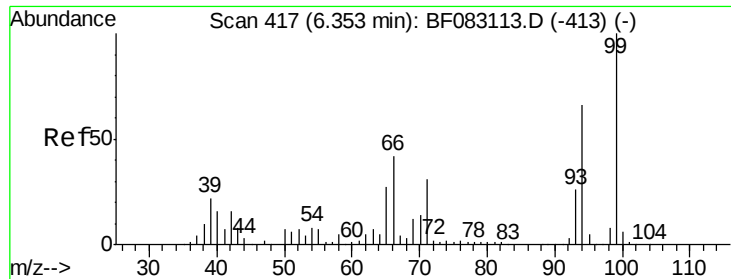


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 25.60 ng

RT: 6.24 min Scan# 372

Delta R.T. -0.11 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampled :

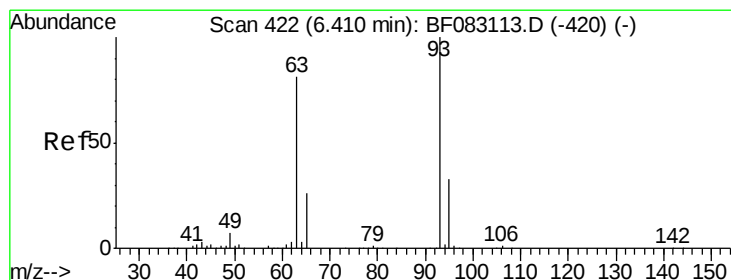
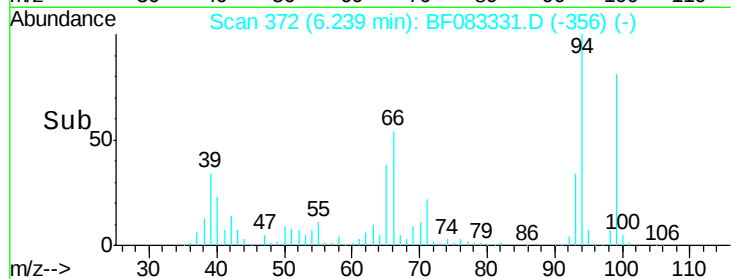
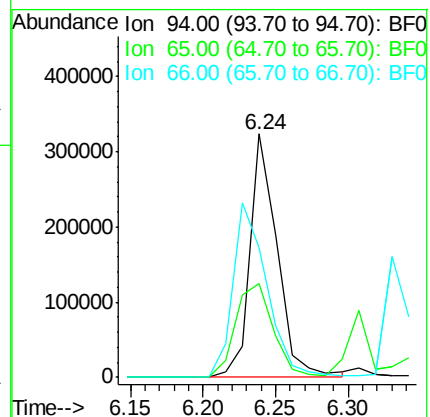
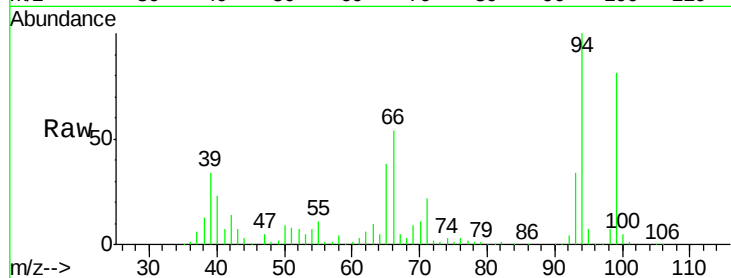
Tot Ion: 94 Resp: 423135

Ion Ratio Lower Upper

94 100

65 38.4 21.1 61.1

66 53.5 43.1 83.1



#11

bis(2-Chloroethyl)ether

Concen: 26.99 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.10 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

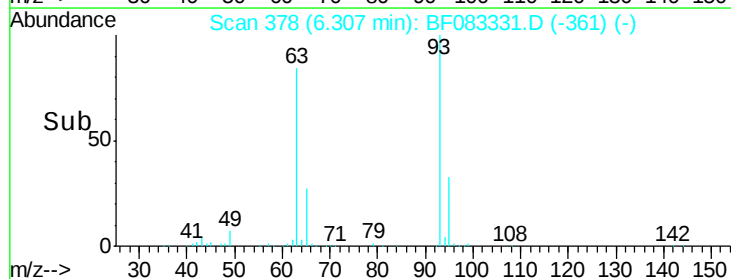
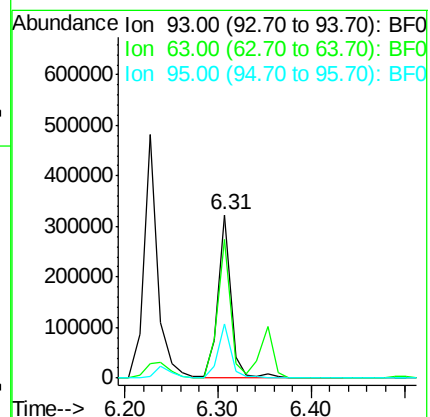
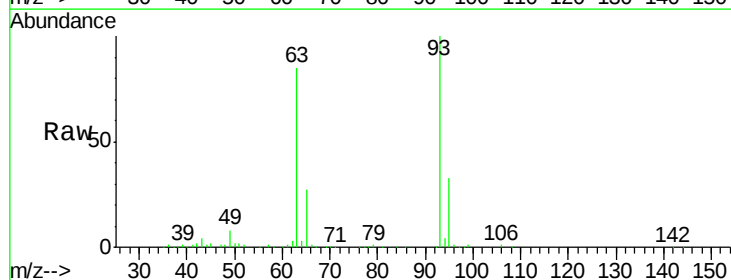
Tgt Ion: 93 Resp: 318611

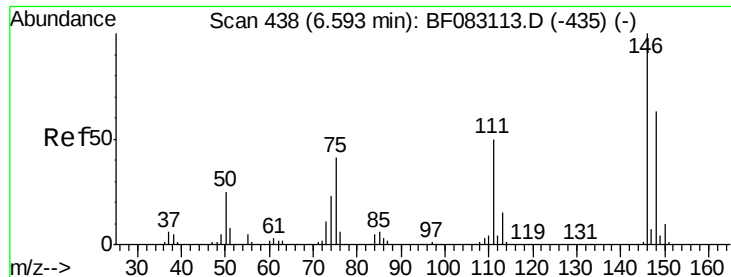
Ion Ratio Lower Upper

93 100

63 84.6 59.8 99.8

95 32.8 13.0 53.0





#12

1,3-Dichlorobenzene

Concen: 23.11 ng

RT: 6.73 min Scan# 415

Delta R.T. 0.14 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampled :

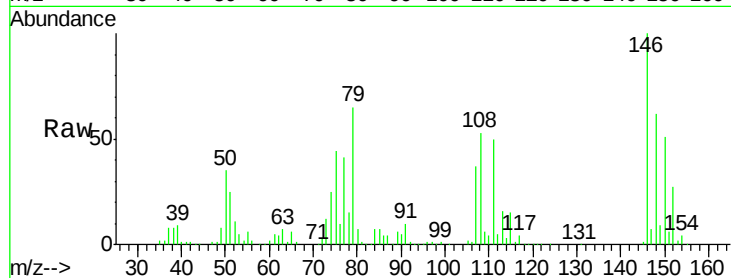
Tot Ion:146 Resp: 301134

Ion Ratio Lower Upper

146 100

148 61.9 50.2 75.2

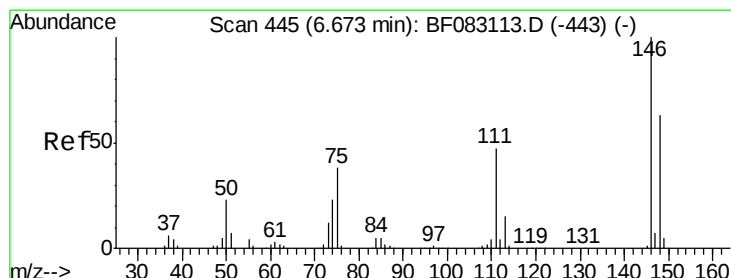
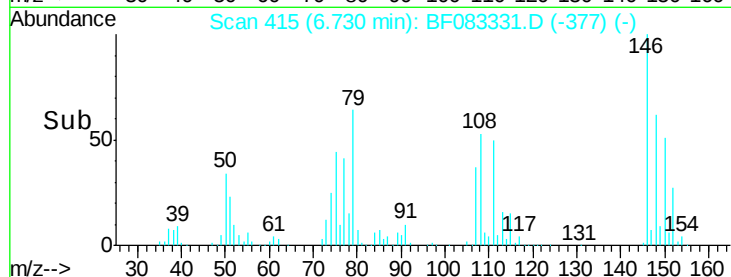
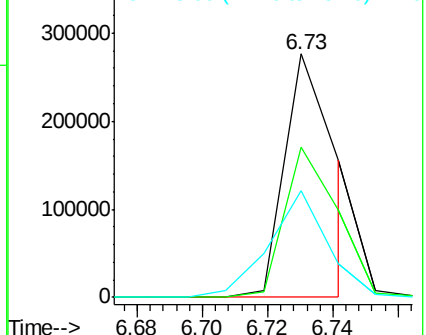
75 44.0 32.7 49.1



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: 26.26 ng

RT: 6.58 min Scan# 402

Delta R.T. -0.09 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

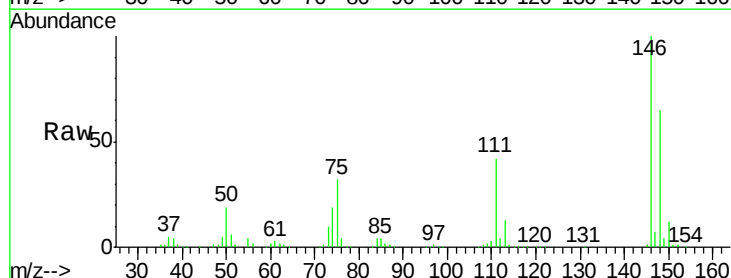
Tgt Ion:146 Resp: 346070

Ion Ratio Lower Upper

146 100

148 64.7 50.2 75.2

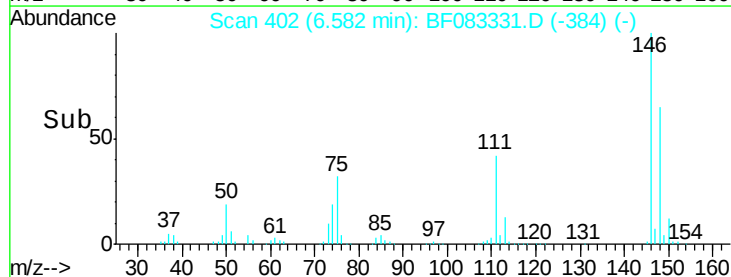
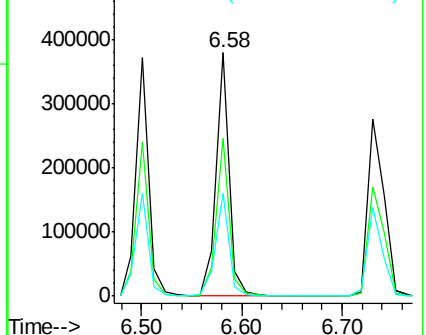
111 42.1 37.5 56.3

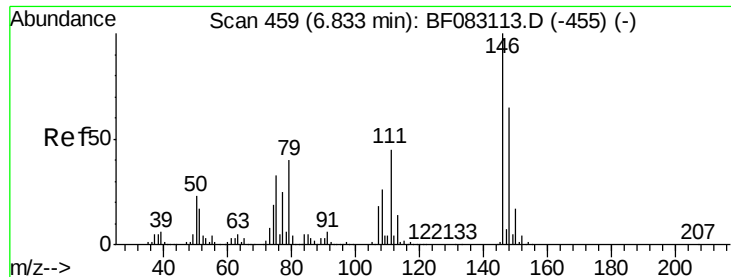


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 25.95 ng

RT: 6.73 min Scan# 415

Delta R.T. -0.10 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampleId :

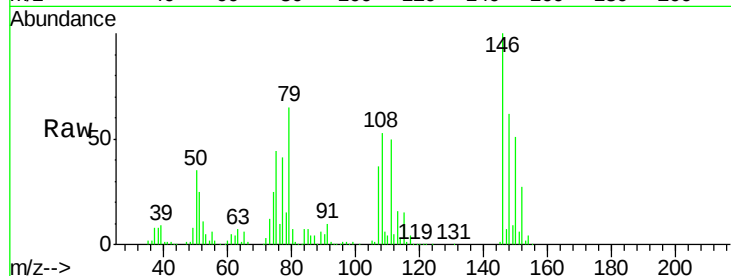
Tot Ion:146 Resp: 310827

Ion Ratio Lower Upper

146 100

148 61.9 51.8 77.6

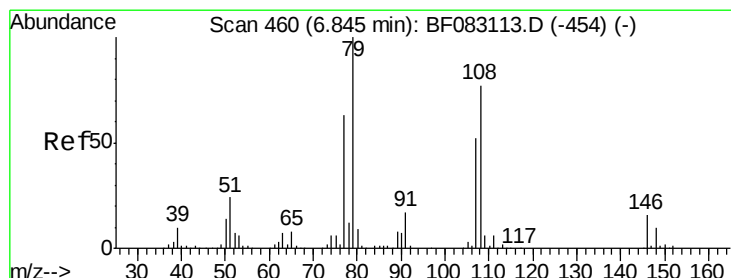
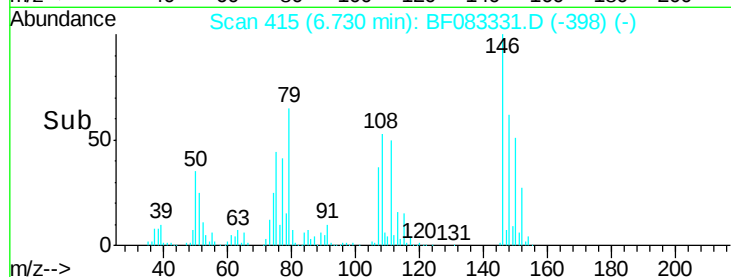
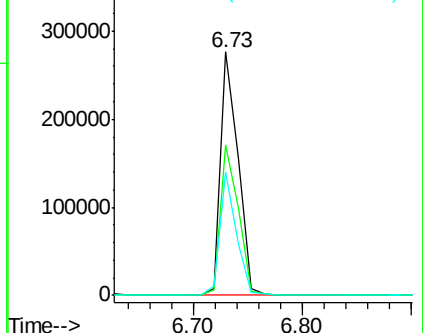
111 50.5 36.2 54.4



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: 23.87 ng

RT: 6.73 min Scan# 415

Delta R.T. -0.11 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

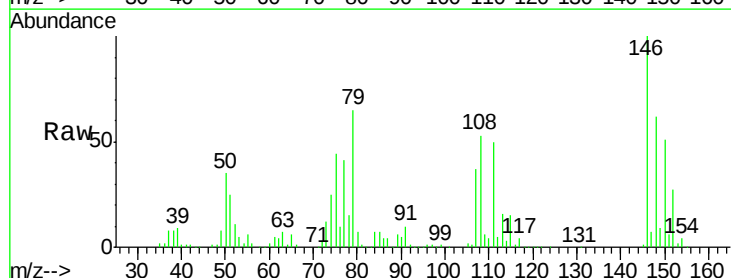
Tgt Ion: 79 Resp: 272536

Ion Ratio Lower Upper

79 100

108 81.1 61.4 92.2

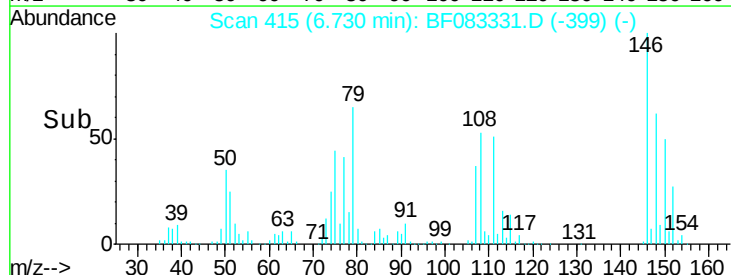
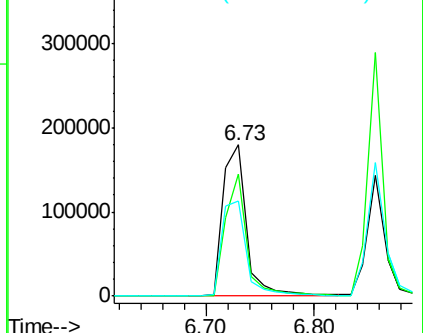
77 63.1 50.5 75.7

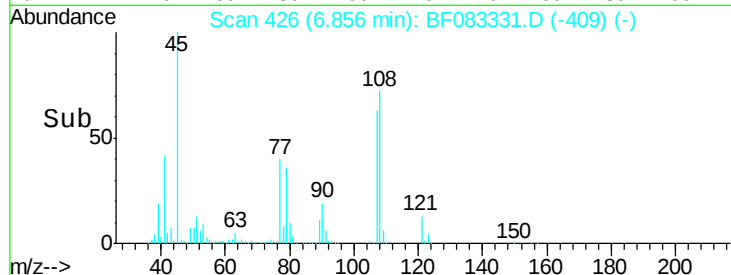
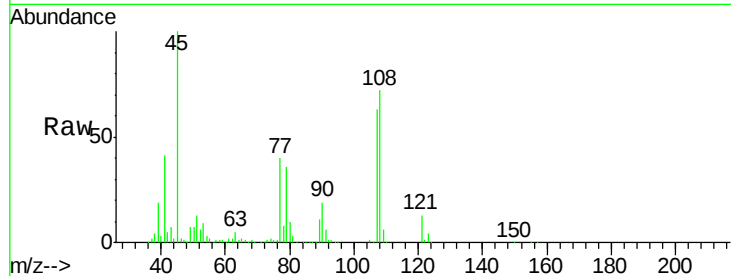
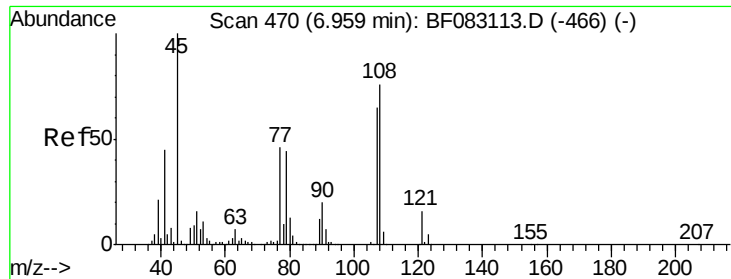


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

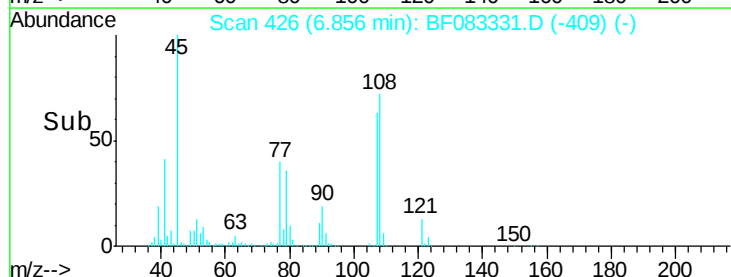
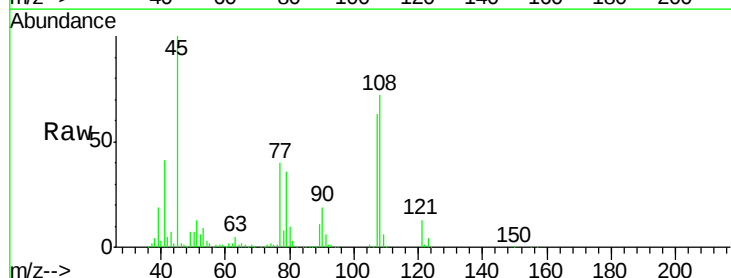
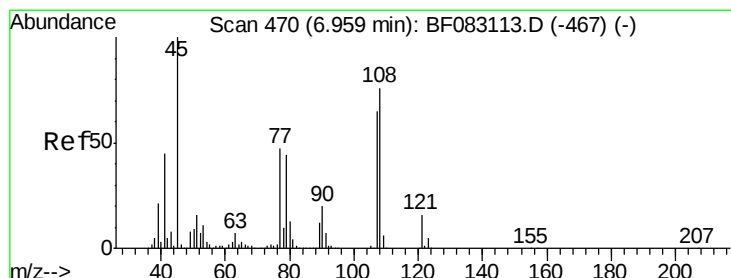
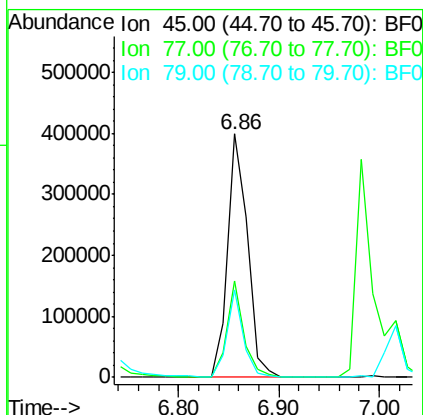




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 29.73 ng
RT: 6.86 min Scan# 426
Delta R.T. -0.10 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

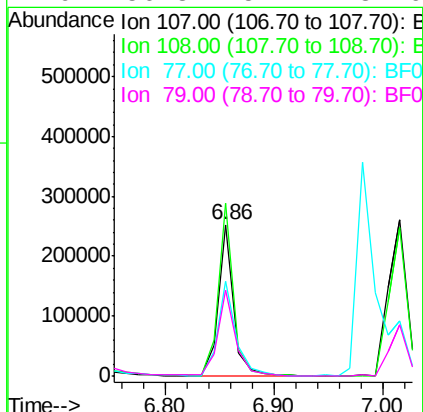
Instrument :
BNA_F
ClientSampled :

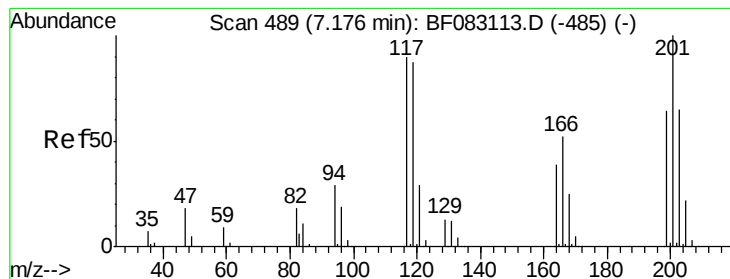
Tot Ion: 45 Resp: 547220
Ion Ratio Lower Upper
45 100
77 39.6 26.7 66.7
79 36.0 24.3 64.3



#17
2-Methylphenol
Concen: 25.94 ng
RT: 6.86 min Scan# 426
Delta R.T. -0.10 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

Tgt Ion:107 Resp: 244921
Ion Ratio Lower Upper
107 100
108 114.2 93.8 140.6
77 62.5 57.4 86.0
79 56.8 54.4 81.6





#18

Hexachloroethane

Concen: 25.76 ng

RT: 7.07 min Scan# 445

Delta R.T. -0.10 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampleId :

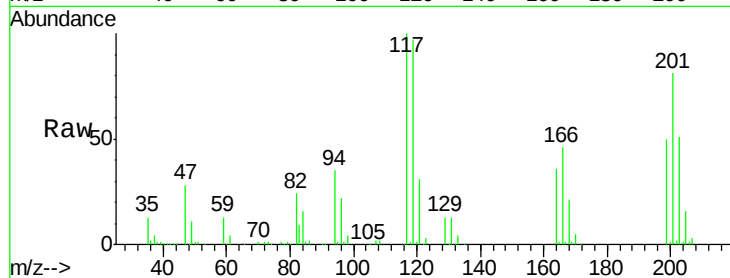
Tot Ion:117 Resp: 119572

Ion Ratio Lower Upper

117 100

119 96.9 76.8 115.2

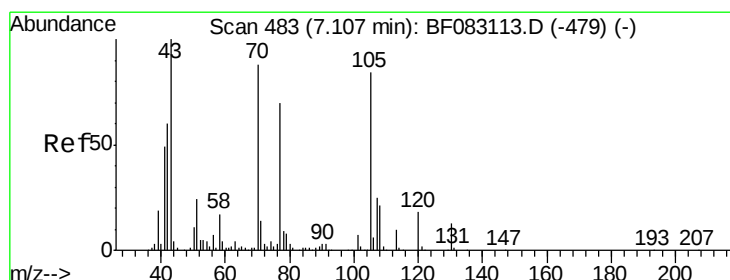
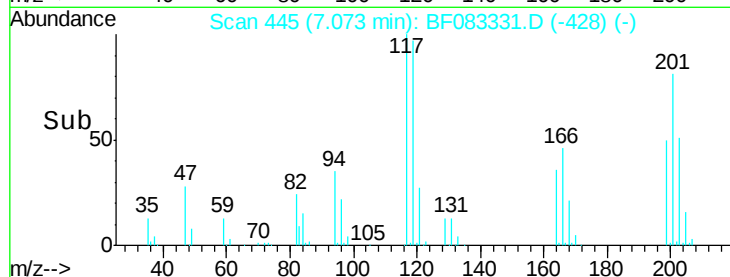
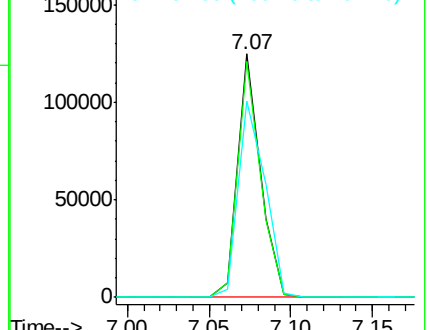
201 80.7 88.6 133.0#



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: 27.81 ng

RT: 6.99 min Scan# 438

Delta R.T. -0.11 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Tgt Ion: 70 Resp: 264464

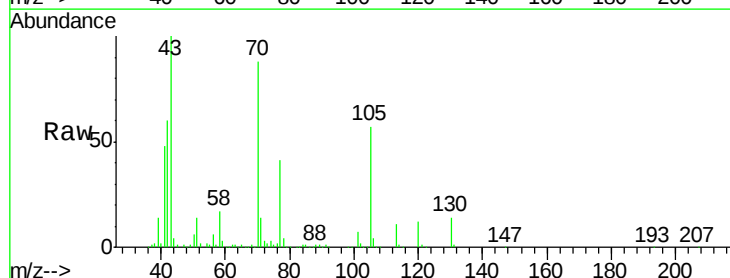
Ion Ratio Lower Upper

70 100

42 67.6 54.5 81.7

101 8.0 6.6 9.8

130 16.3 11.5 17.3

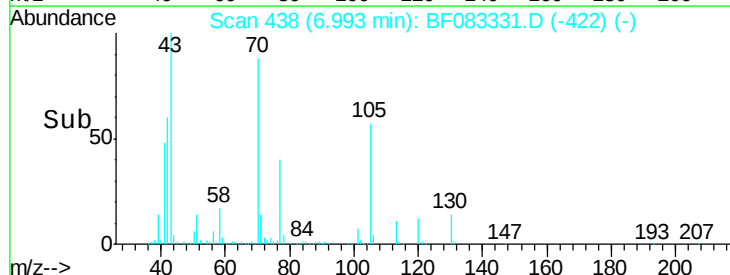
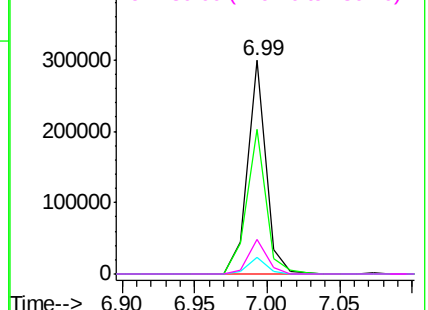


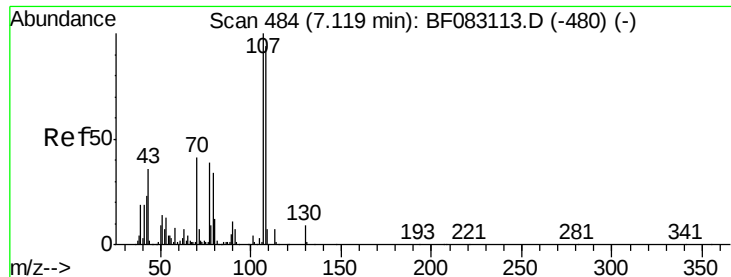
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 27.81 ng

RT: 7.02 min Scan# 440

Delta R.T. -0.10 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 331973

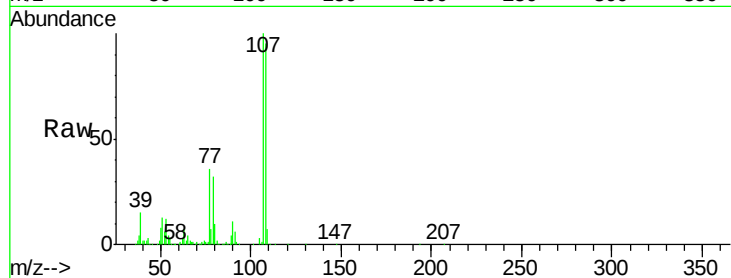
Ion Ratio Lower Upper

107 100

108 94.6 73.8 113.8

77 35.5 19.1 59.1

79 32.5 13.7 53.7

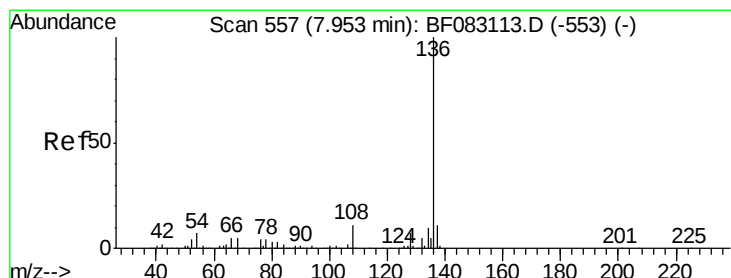
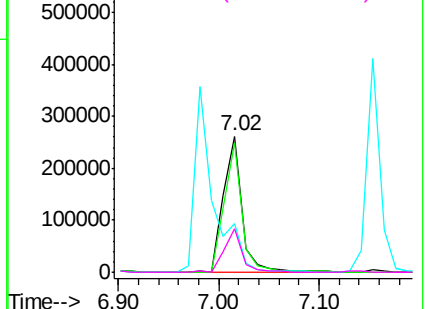
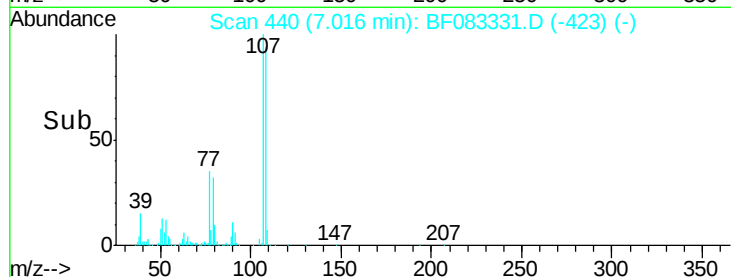


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 513

Delta R.T. -0.10 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Tgt Ion:136 Resp: 580620

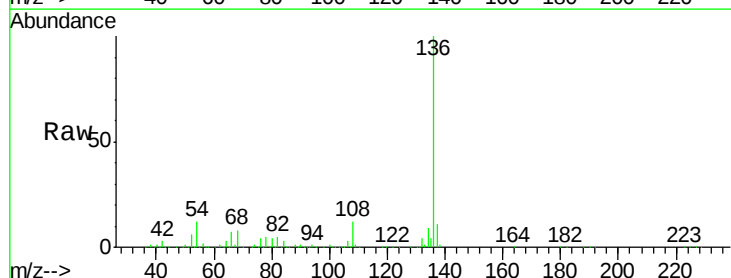
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 12.3 5.8 8.6#

68 8.3 3.8 5.8#

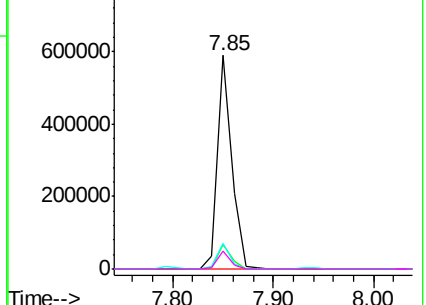
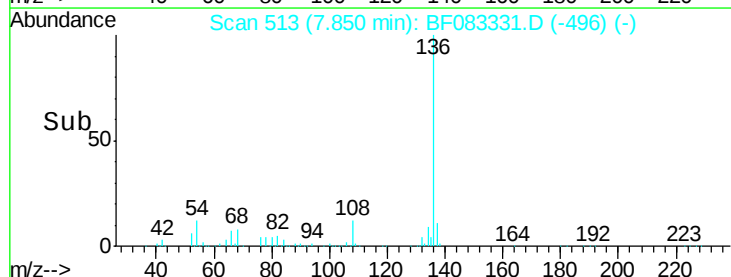


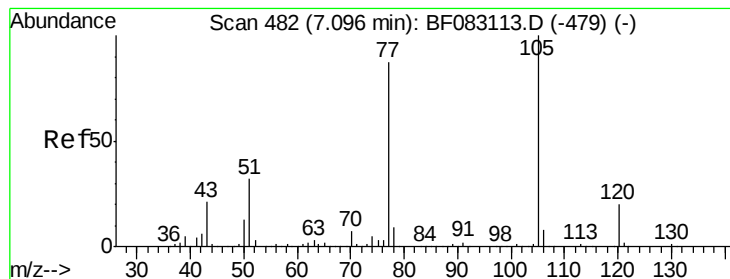
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 26.24 ng

RT: 6.98 min Scan# 437

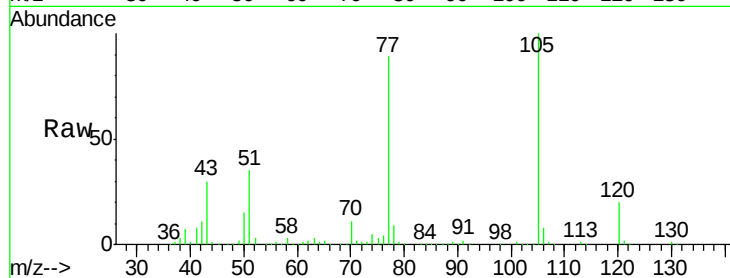
Delta R.T. -0.11 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	105	Resp:	437329
Ion	Ratio	Lower	Upper
105	100		
71	2.0	1.0	1.4#
51	35.4	25.6	38.4
120	20.3	15.8	23.6

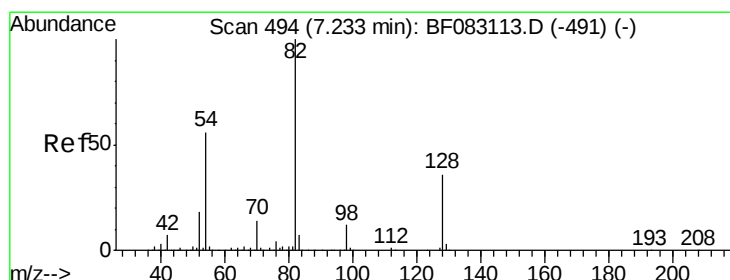
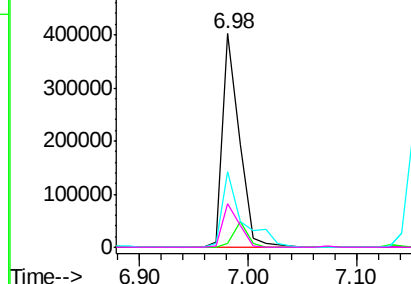
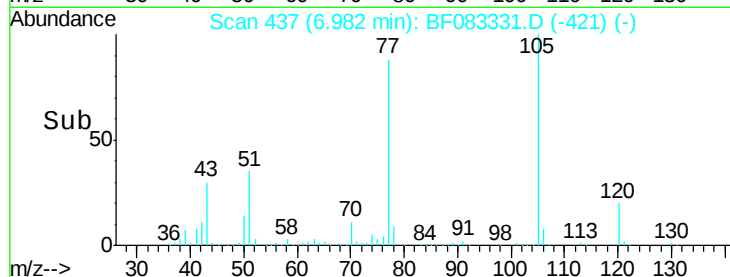


Abundance Ion 105.00 (104.70 to 105.70): E

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



#23

Nitrobenzene-d5

Concen: 53.80 ng

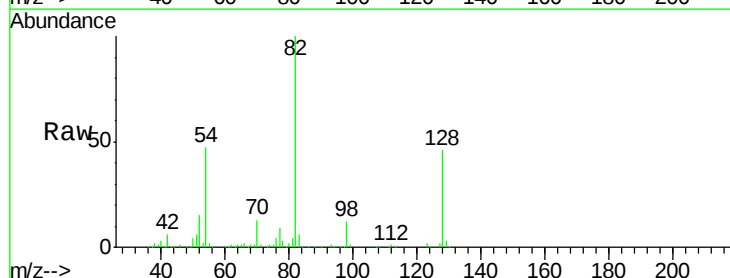
RT: 7.14 min Scan# 451

Delta R.T. -0.09 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

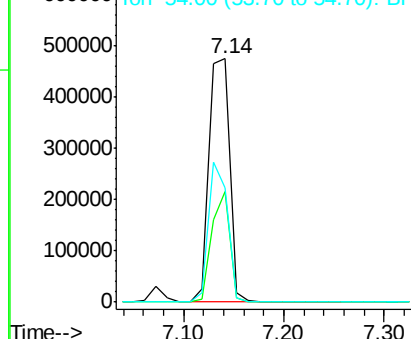
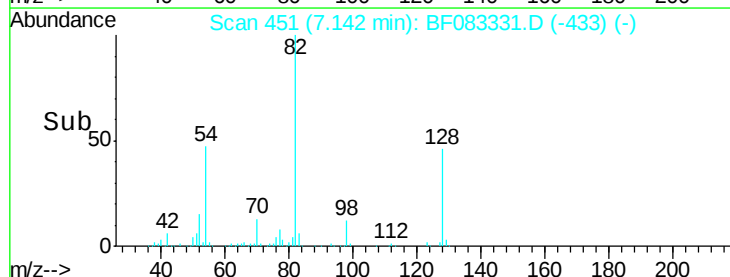
Tgt Ion:	82	Resp:	683570
Ion	Ratio	Lower	Upper
82	100		
128	45.5	28.5	42.7#
54	47.1	44.6	67.0

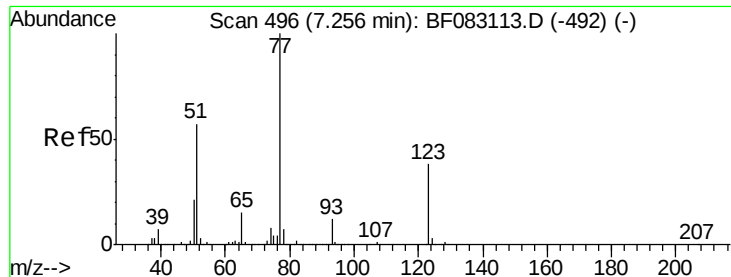


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

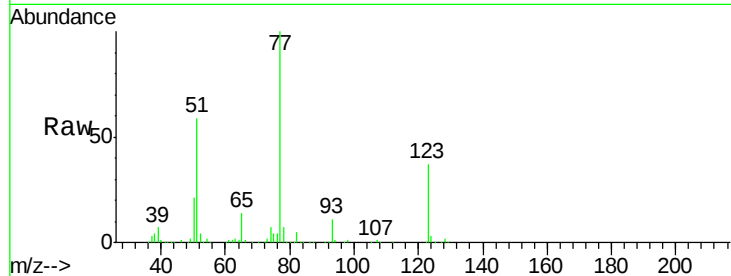




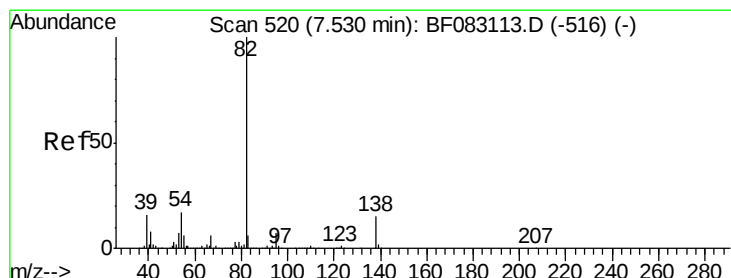
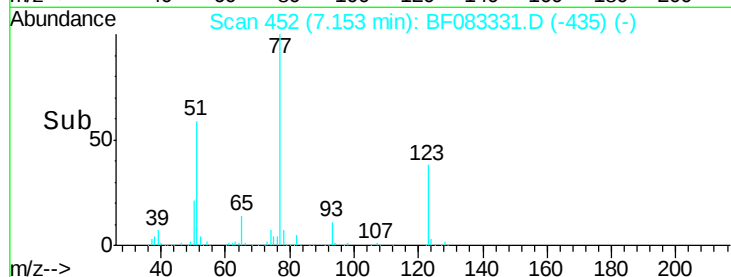
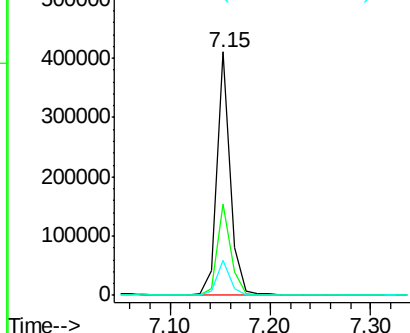
#24
Nitrobenzene
Concen: 27.67 ng
RT: 7.15 min Scan# 452
Delta R.T. -0.10 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

Instrument :
BNA_F
ClientSampled :

Tot Ion	77	Resp	375668
Ion Ratio	100	Lower	Upper
123	37.5	30.1	45.1
65	14.4	11.6	17.4

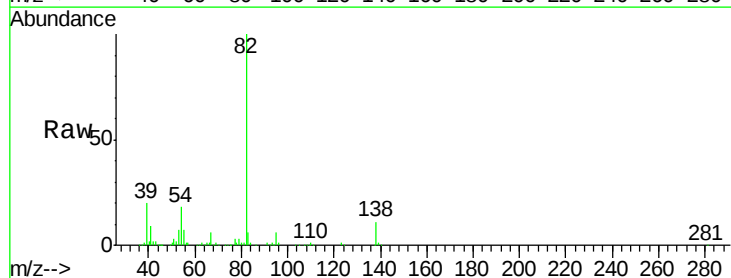


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

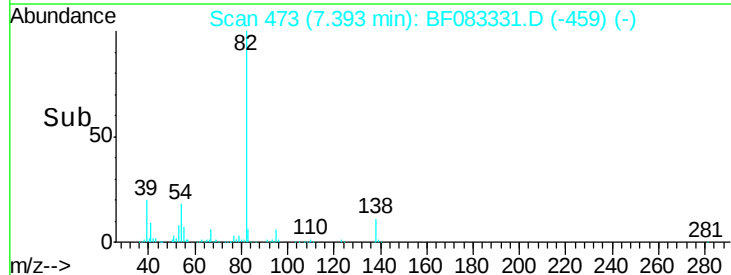
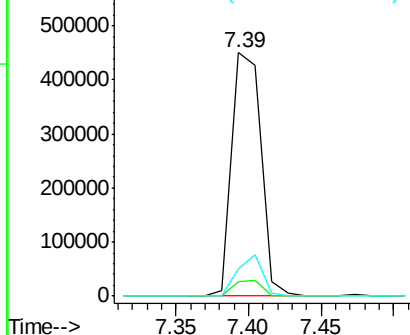


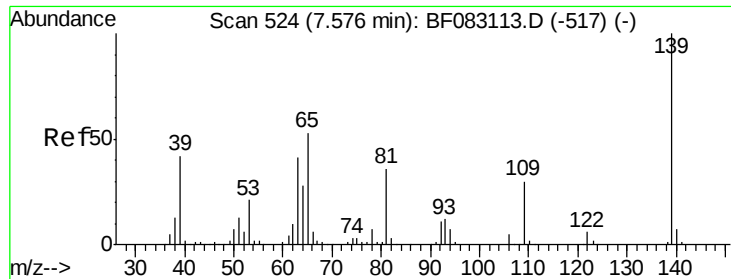
#25
Isophorone
Concen: 26.29 ng
RT: 7.39 min Scan# 473
Delta R.T. -0.14 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

Tgt Ion	82	Resp	632510
Ion Ratio	100	Lower	Upper
95	6.2	5.8	8.8
138	11.4	11.6	17.4#



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

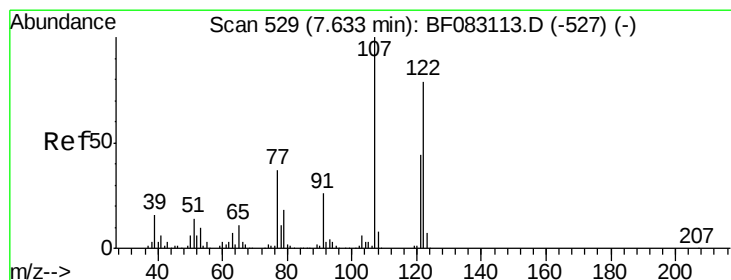
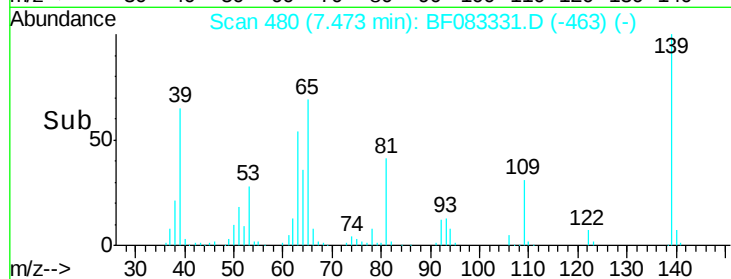
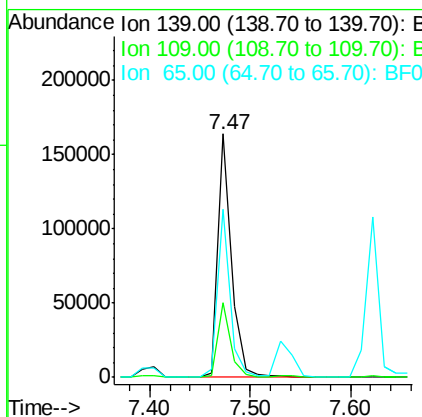
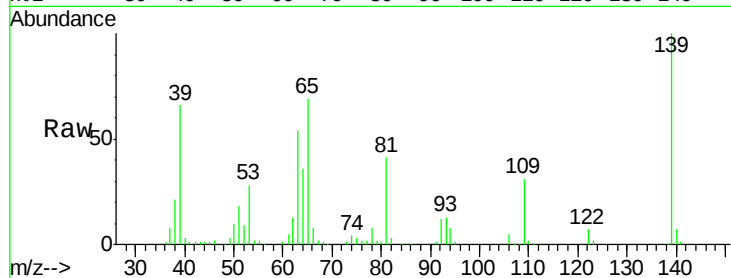




#26
2-Nitrophenol
Concen: 25.84 ng
RT: 7.47 min Scan# 480
Delta R.T. -0.10 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

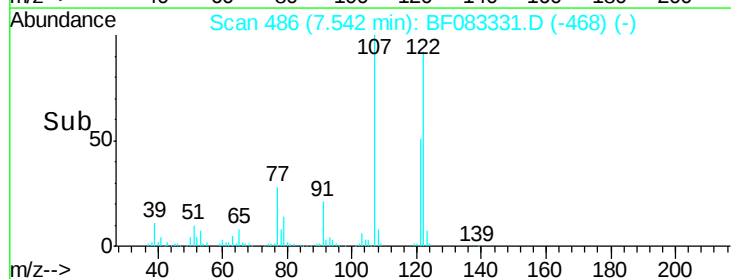
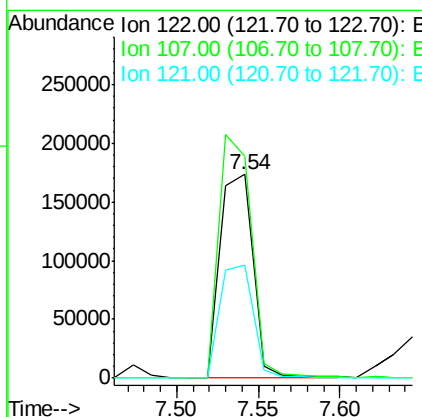
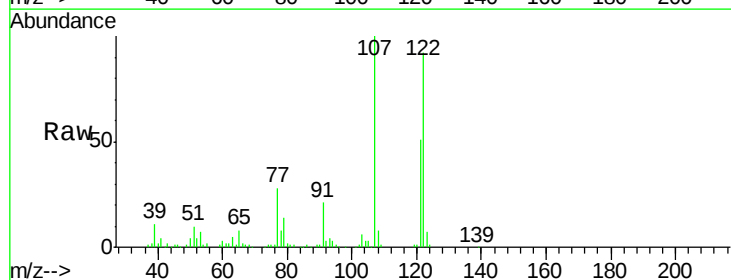
Instrument :
BNA_F
ClientSampleId :

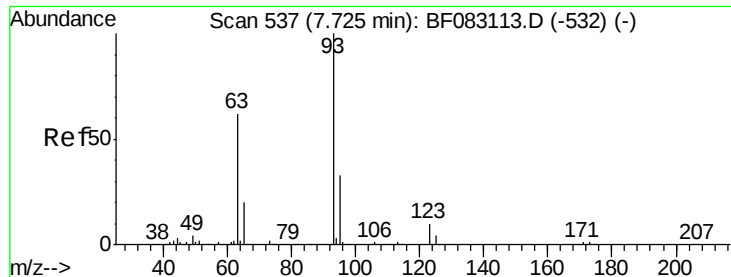
Tot Ion:139 Resp: 154899
Ion Ratio Lower Upper
139 100
109 30.5 23.9 35.9
65 68.9 42.7 64.1#



#27
2,4-Dimethylphenol
Concen: 25.47 ng
RT: 7.54 min Scan# 486
Delta R.T. -0.09 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

Tgt Ion:122 Resp: 243597
Ion Ratio Lower Upper
122 100
107 108.9 101.1 151.7
121 55.5 44.9 67.3

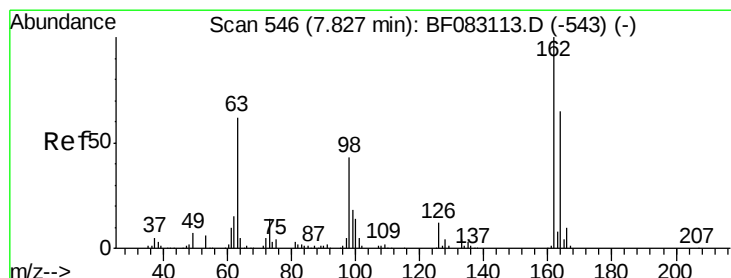
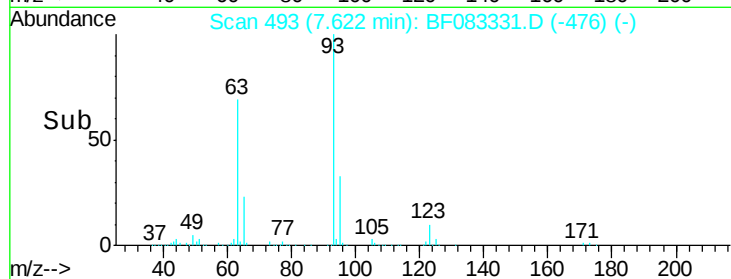
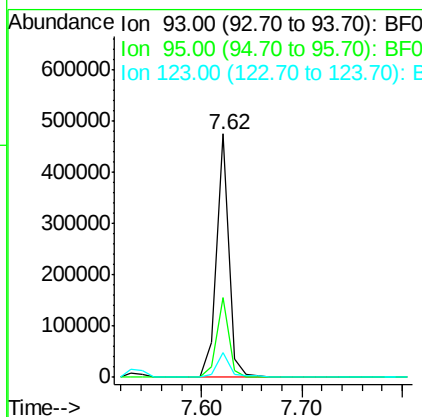
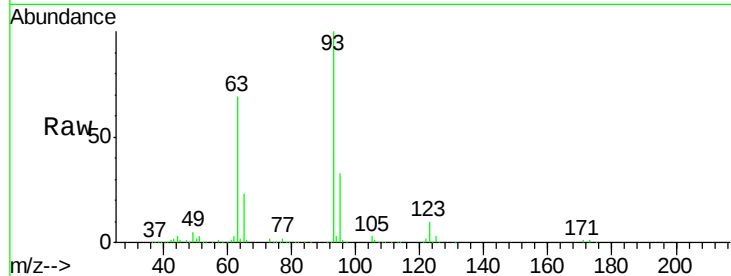




#28
bis(2-Chloroethoxy)methane
Concen: 29.03 ng
RT: 7.62 min Scan# 493
Delta R.T. -0.10 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

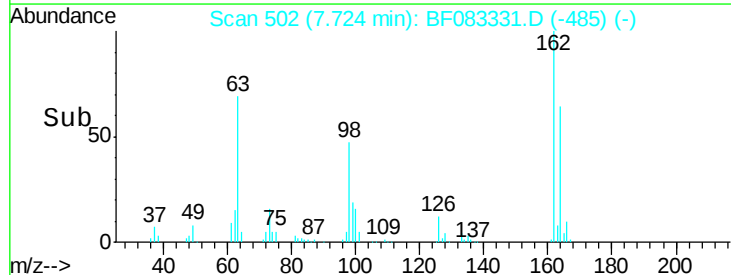
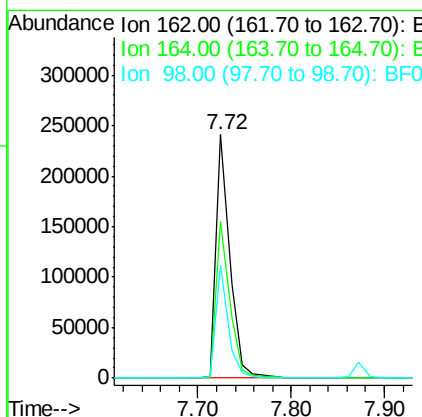
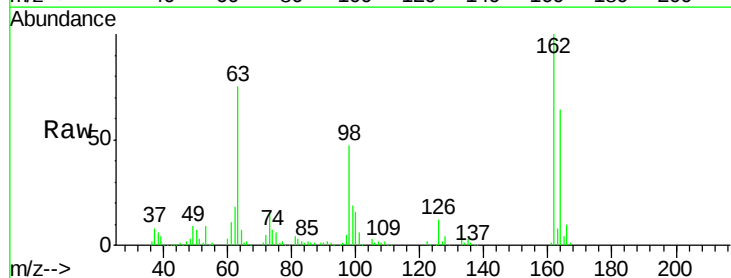
Instrument :
BNA_F
ClientSampleId :

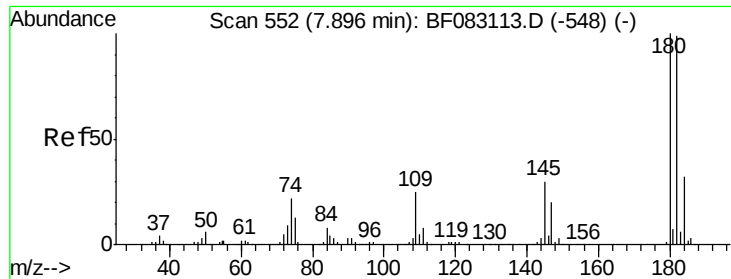
Tot Ion	93	Resp	406077
Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	10.2	8.1	12.1



#29
2,4-Dichlorophenol
Concen: 27.19 ng
RT: 7.72 min Scan# 502
Delta R.T. -0.10 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

Tgt Ion	162	Resp	247344
Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.8	84.8
98	46.7	23.1	63.1

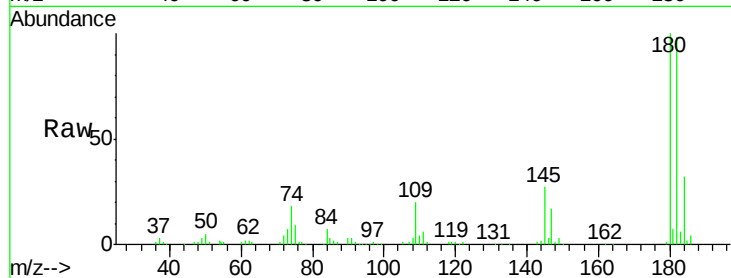




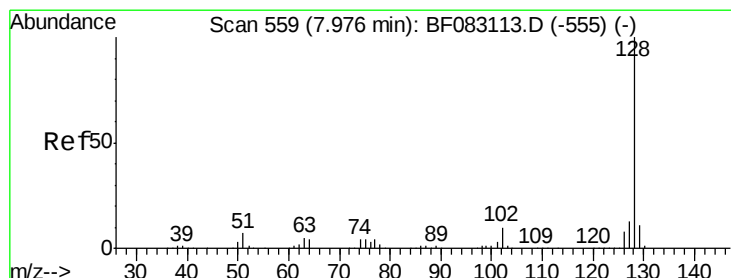
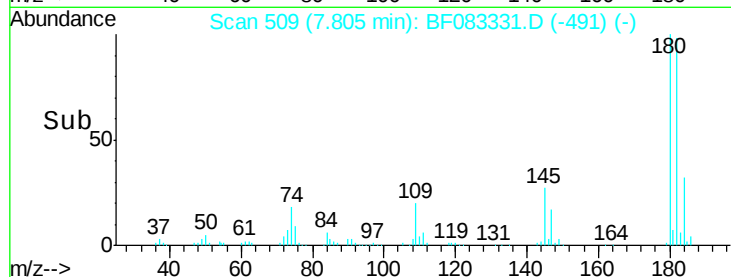
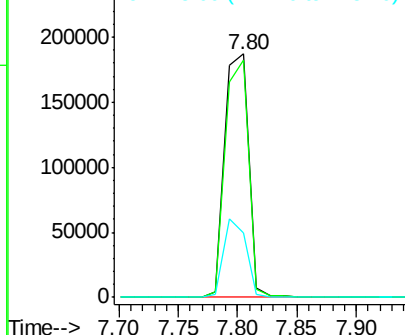
#30
1,2,4-Trichlorobenzene
Concen: 26.11 ng
RT: 7.80 min Scan# 509
Delta R.T. -0.09 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:180 Resp: 260947
Ion Ratio Lower Upper
180 100
182 97.6 79.0 118.6
145 26.5 24.2 36.2

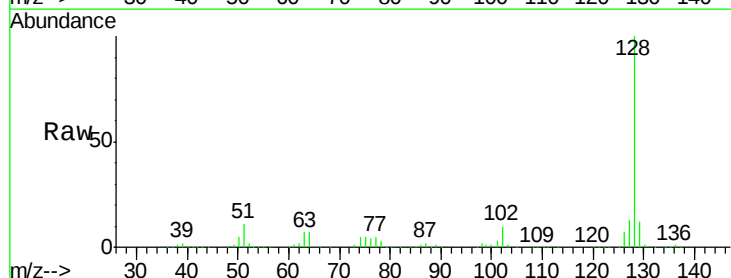


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

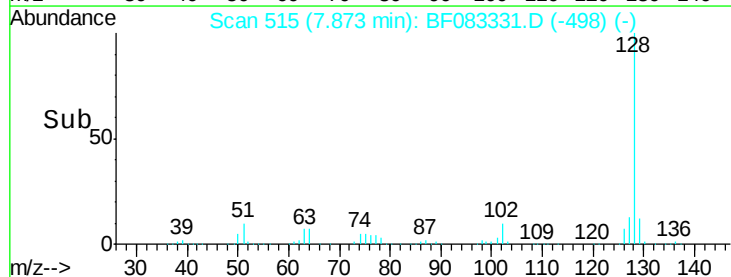
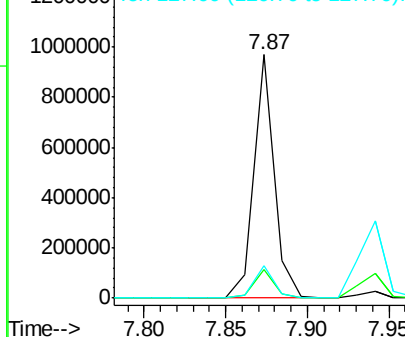


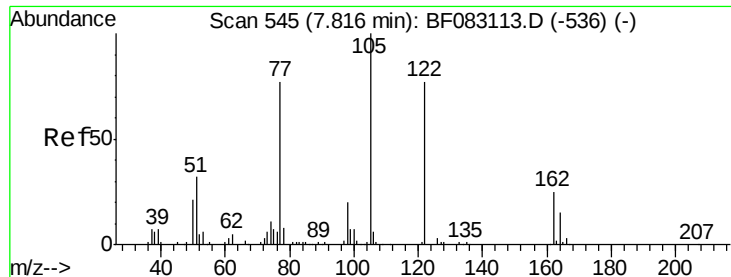
#31
Naphthalene
Concen: 26.83 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.10 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

Tgt Ion:128 Resp: 840879
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.4 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: 16.31 ng

RT: 7.66 min Scan# 496

Delta R.T. -0.16 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampled :

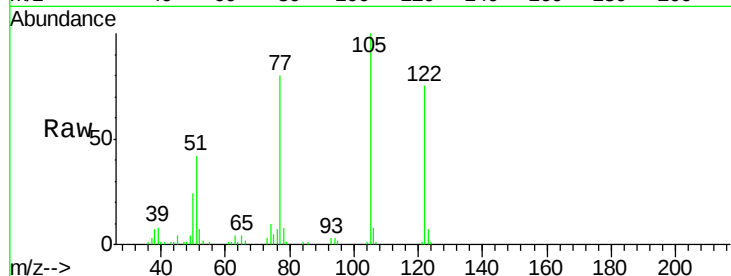
Tot Ion:122 Resp: 121263

Ion Ratio Lower Upper

122 100

105 134.2 109.7 149.7

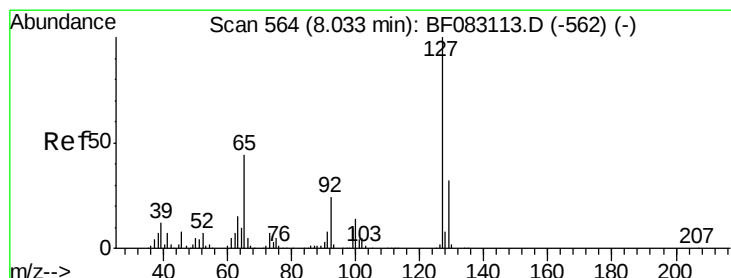
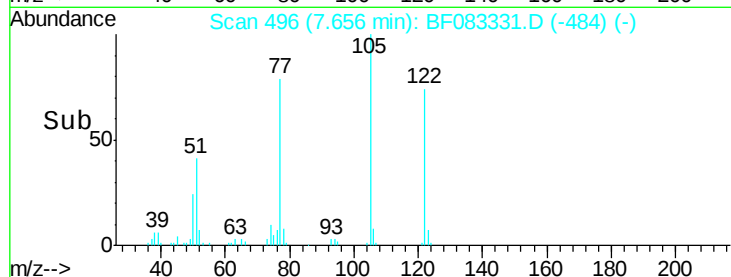
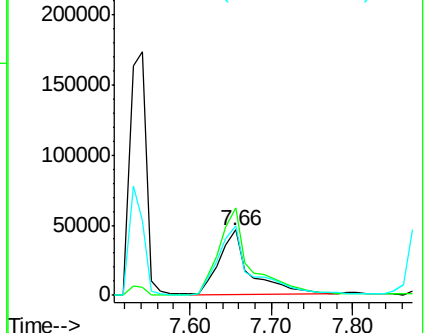
77 107.0 79.7 119.7



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: 27.91 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.09 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Tgt Ion:127 Resp: 339345

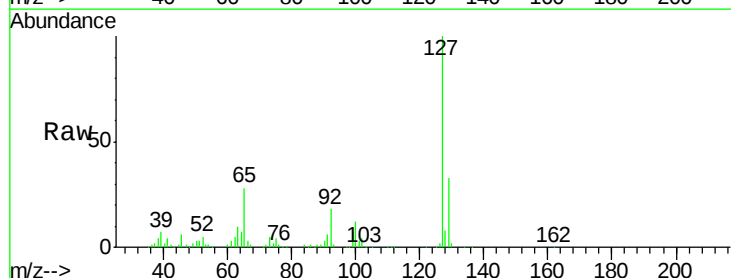
Ion Ratio Lower Upper

127 100

129 32.7 25.7 38.5

65 28.3 35.5 53.3#

92 18.1 19.4 29.2#

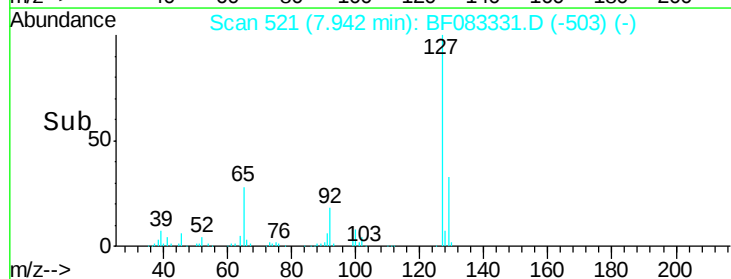
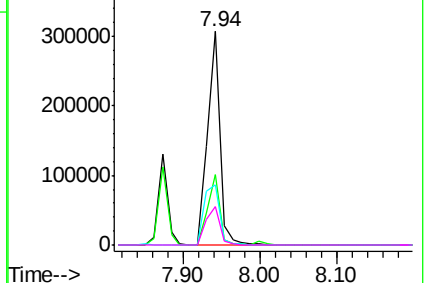


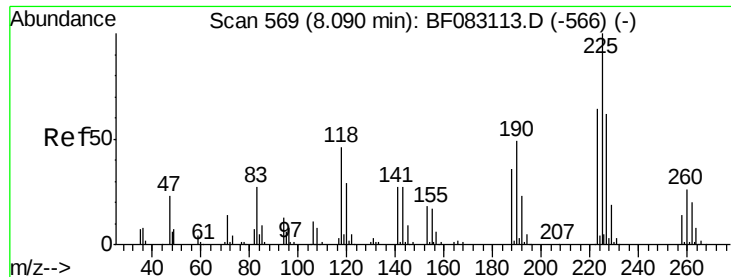
Abundance Ion 127.00 (126.70 to 127.70): E

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: 25.54 ng

RT: 8.00 min Scan# 526

Delta R.T. -0.09 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :
BNA_F
ClientSampleId :

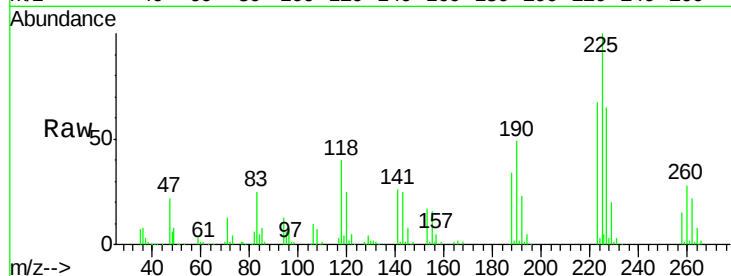
Tot Ion:225 Resp: 150818

Ion Ratio Lower Upper

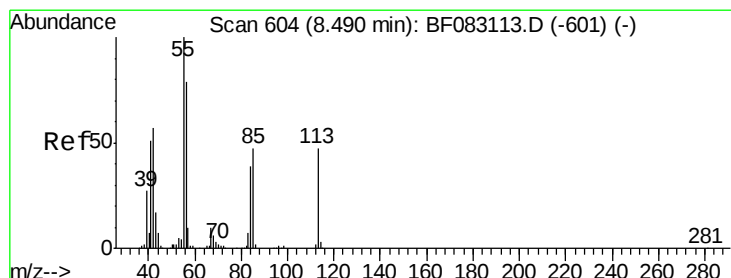
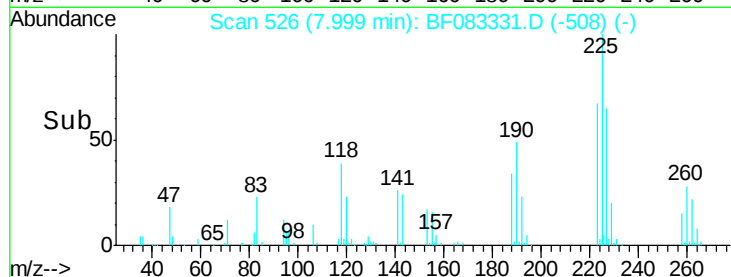
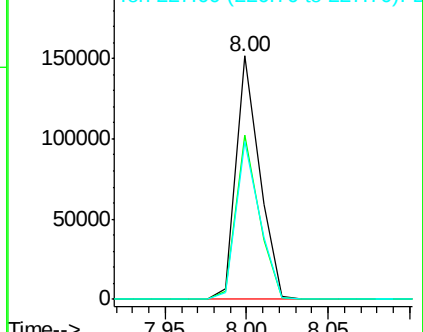
225 100

223 67.3 51.3 76.9

227 65.0 49.8 74.8



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



#35

Caprolactam

Concen: 2.30 ng

RT: 8.43 min Scan# 564

Delta R.T. -0.06 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

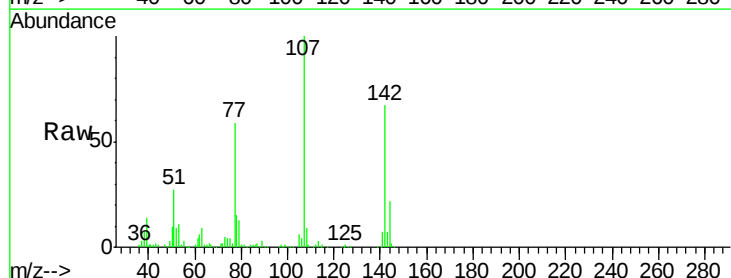
Tgt Ion:113 Resp: 6706

Ion Ratio Lower Upper

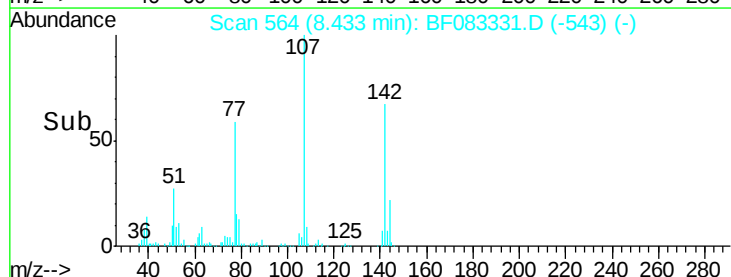
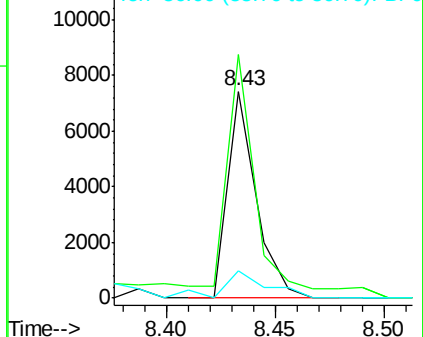
113 100

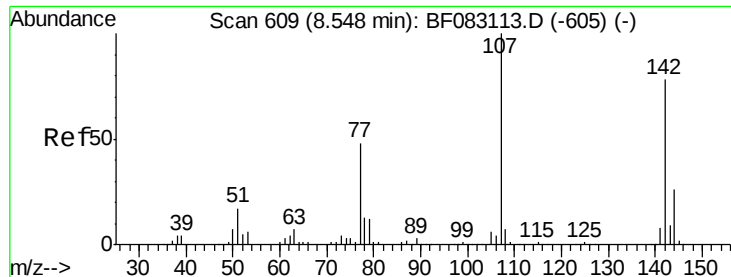
55 117.8 192.6 232.6#

56 13.0 148.6 188.6#



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

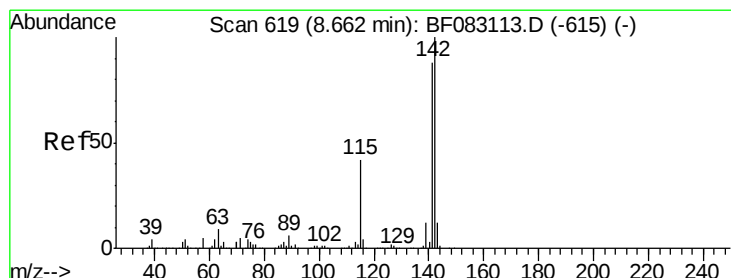
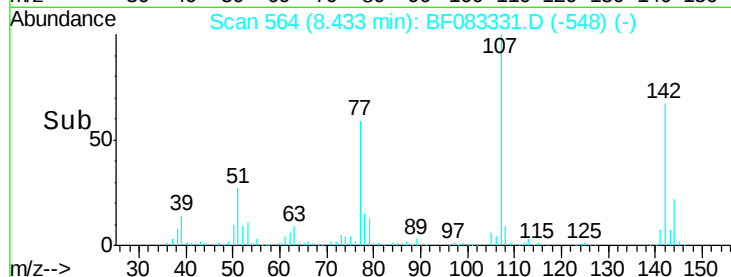
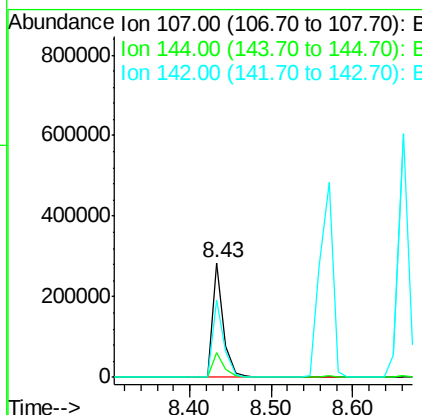
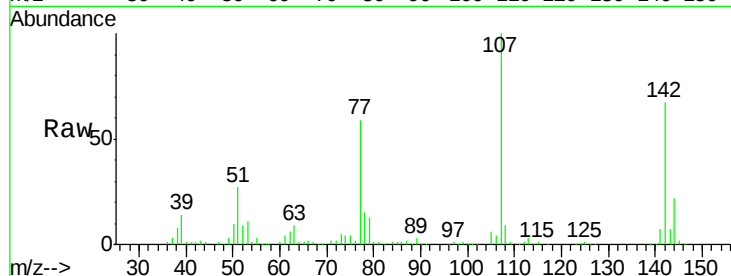




#36
4-Chloro-3-methylphenol
Concen: 25.02 ng
RT: 8.43 min Scan# 564
Delta R.T. -0.11 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

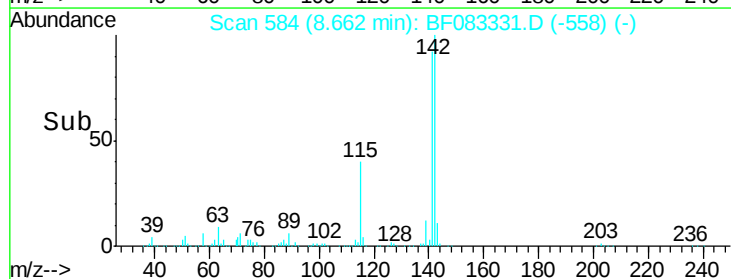
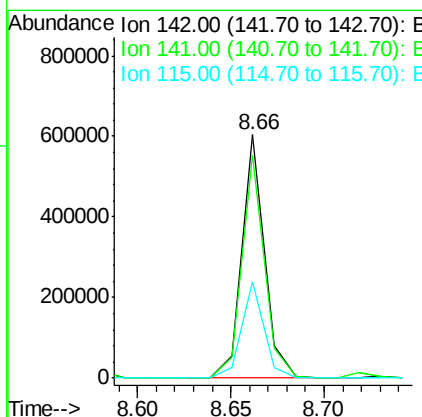
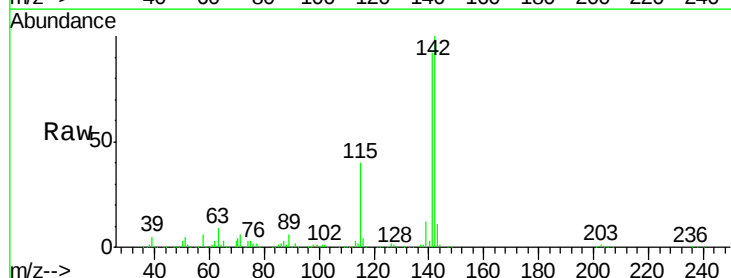
Instrument :
BNA_F
ClientSampleId :

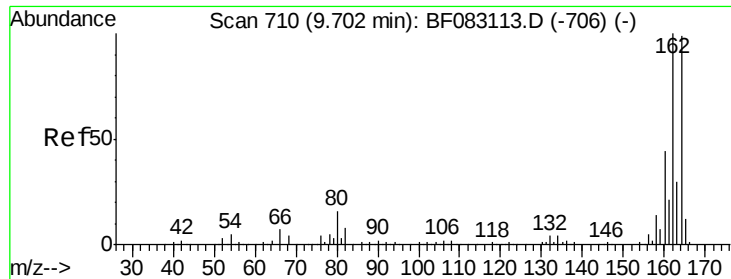
Tot Ion:107 Resp: 263657
Ion Ratio Lower Upper
107 100
144 21.9 20.8 31.2
142 67.1 62.1 93.1



#37
2-Methylnaphthalene
Concen: 24.97 ng
RT: 8.66 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

Tgt Ion:142 Resp: 507785
Ion Ratio Lower Upper
142 100
141 91.7 70.3 105.5
115 39.7 33.4 50.2

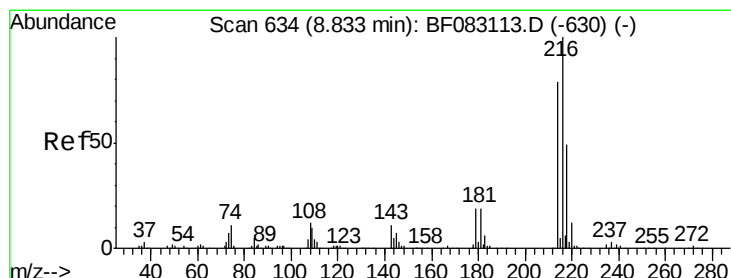
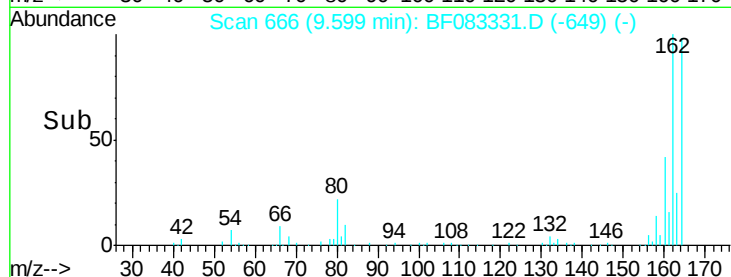
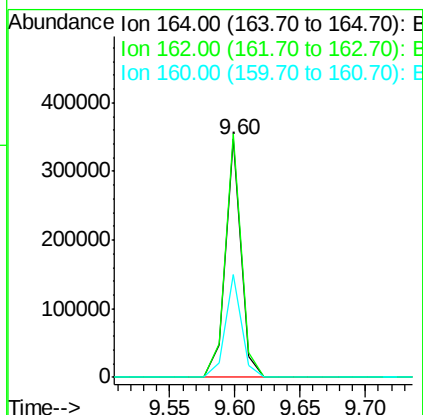
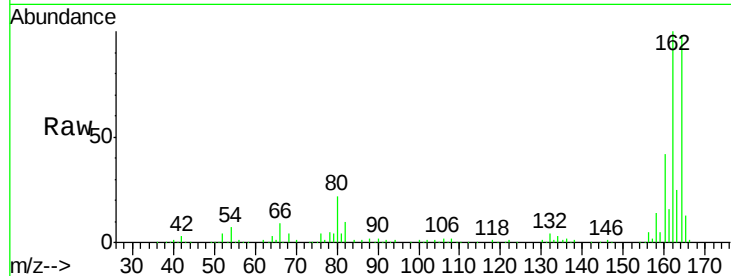




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 666
 Delta R.T. -0.10 min
 Lab File: BF083331.D
 Acq: 27 Nov 2015 16:07

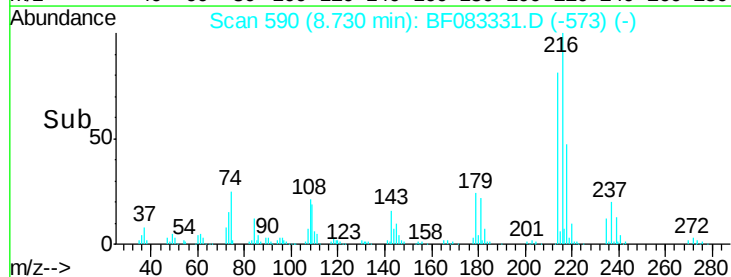
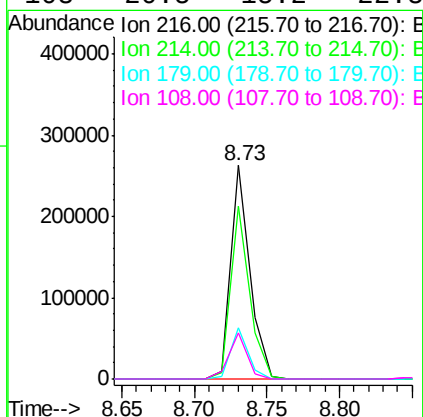
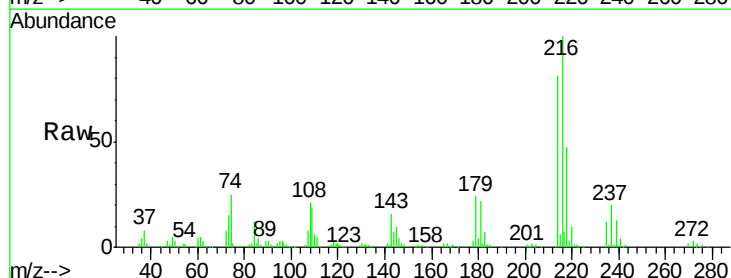
Instrument :
 BNA_F
 ClientSampleId :

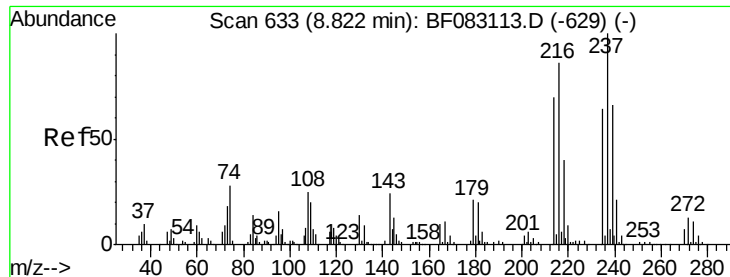
Tot Ion:164 Resp: 292280
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.2 121.8
 160 43.4 35.6 53.4



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 25.56 ng
 RT: 8.73 min Scan# 590
 Delta R.T. -0.10 min
 Lab File: BF083331.D
 Acq: 27 Nov 2015 16:07

Tgt Ion:216 Resp: 242153
 Ion Ratio Lower Upper
 216 100
 214 80.0 63.8 95.8
 179 22.3 17.0 25.6
 108 20.5 15.2 22.8

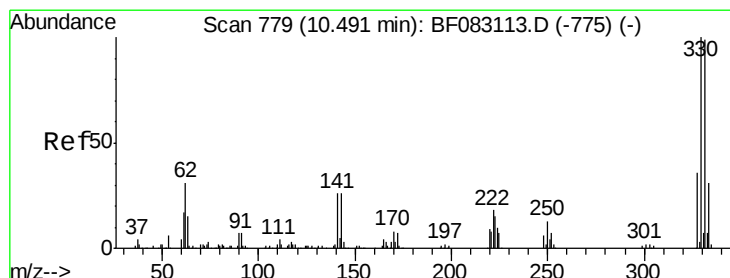
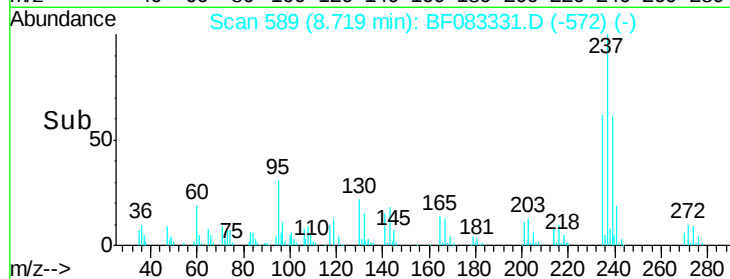
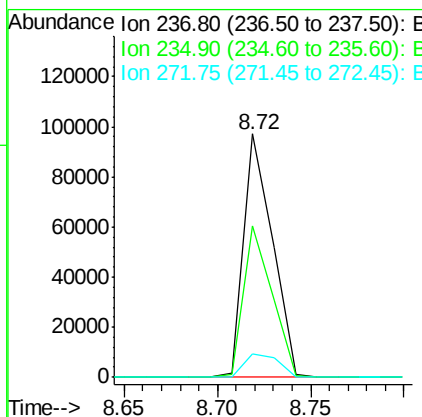
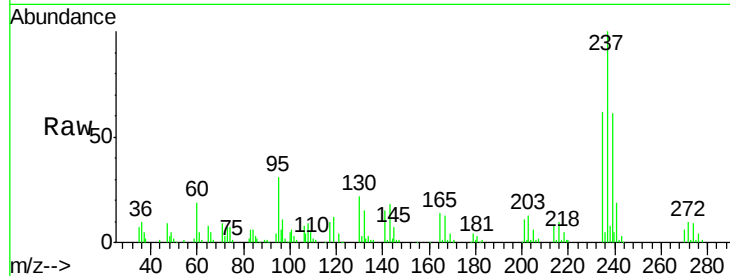




#40
Hexachlorocyclopentadiene
Concen: 19.31 ng
RT: 8.72 min Scan# 589
Delta R.T. -0.10 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

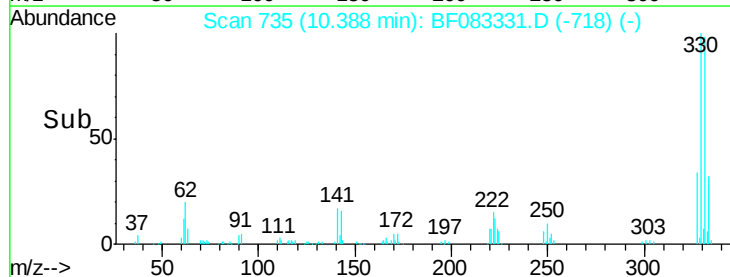
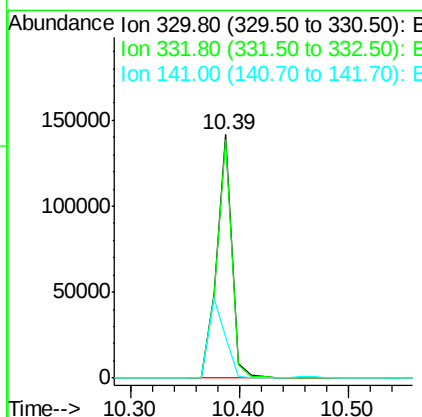
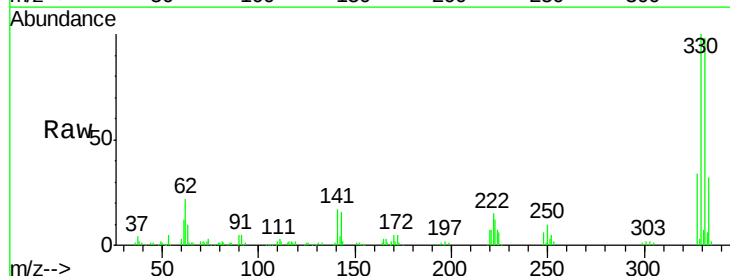
Instrument :
BNA_F
ClientSampleId :

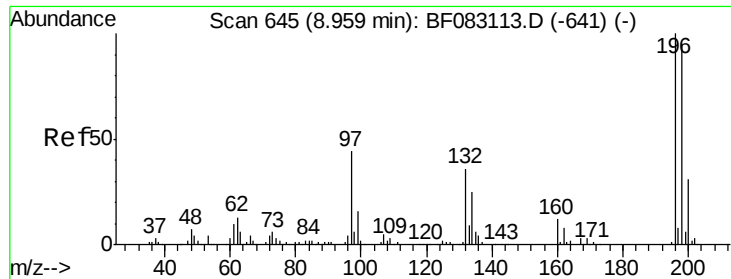
Tot Ion:237 Resp: 103998
Ion Ratio Lower Upper
237 100
235 62.2 43.5 83.5
272 9.9 0.0 33.1



#41
2,4,6-Tribromophenol
Concen: 46.44 ng
RT: 10.39 min Scan# 735
Delta R.T. -0.10 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

Tgt Ion:330 Resp: 138850
Ion Ratio Lower Upper
330 100
332 97.5 77.7 116.5
141 36.1 29.7 44.5

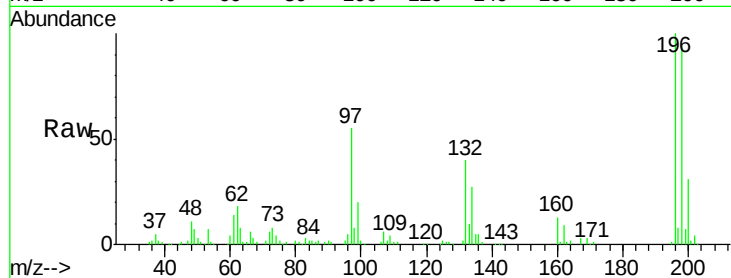




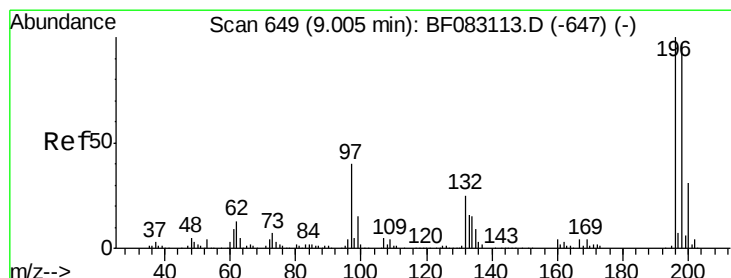
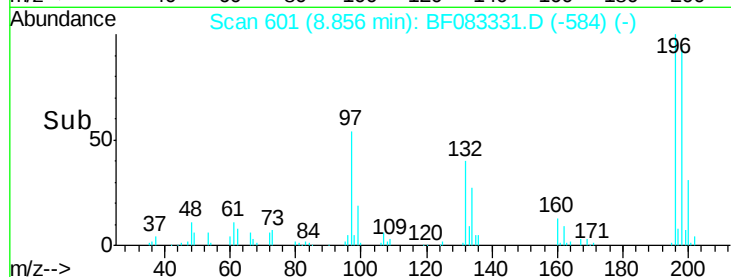
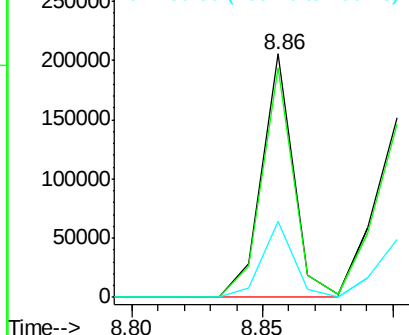
#42
2,4,6-Trichlorophenol
Concen: 25.84 ng
RT: 8.86 min Scan# 601
Delta R.T. -0.10 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 175303
Ion Ratio Lower Upper
196 100
198 94.0 75.9 113.9
200 31.3 24.5 36.7

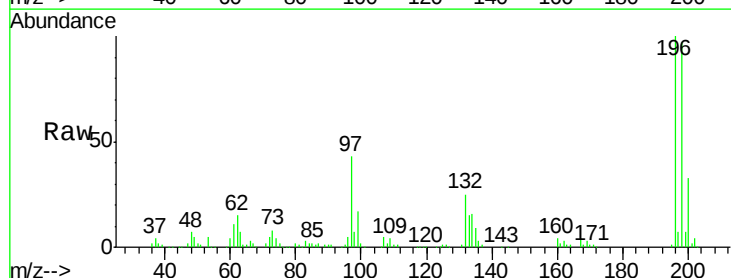


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

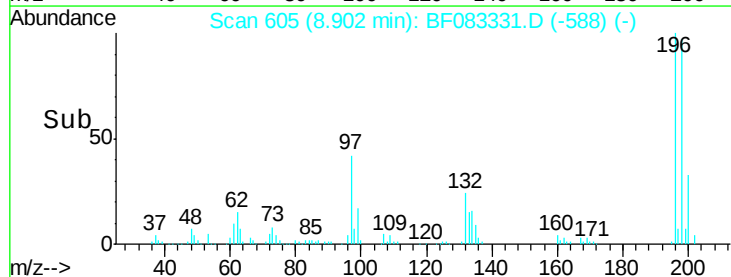
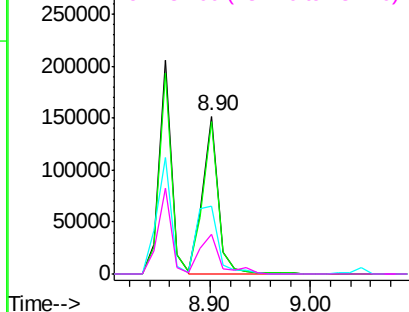


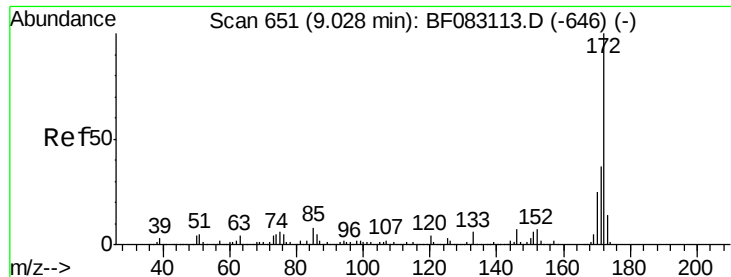
#43
2,4,5-Trichlorophenol
Concen: 24.10 ng
RT: 8.90 min Scan# 605
Delta R.T. -0.10 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

Tgt Ion:196 Resp: 167180
Ion Ratio Lower Upper
196 100
198 96.6 77.6 116.4
97 42.9 32.6 48.8
132 24.9 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: 55.45 ng

RT: 8.94 min Scan# 608

Delta R.T. -0.09 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampleId :

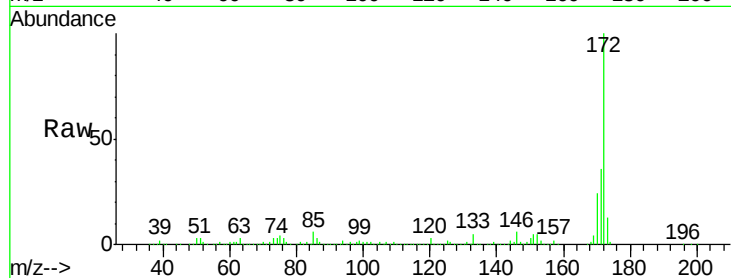
Tot Ion:172 Resp: 1162144

Ion Ratio Lower Upper

172 100

171 35.9 29.5 44.3

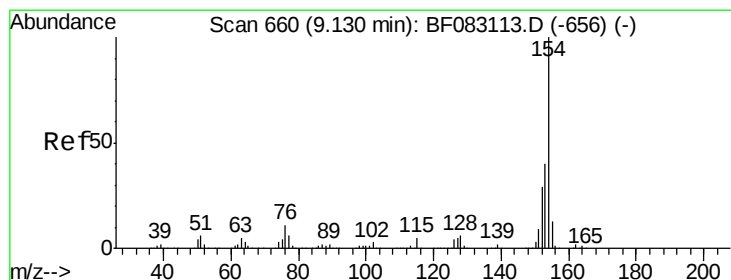
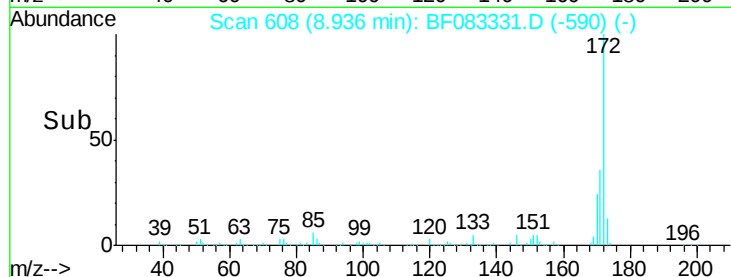
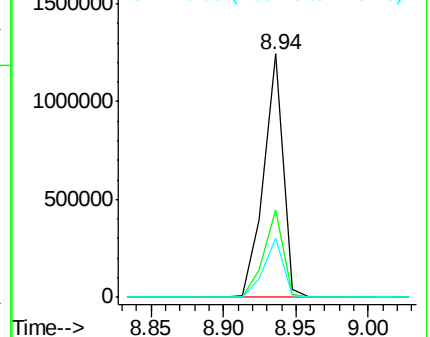
170 24.3 19.9 29.9



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: 26.17 ng

RT: 9.03 min Scan# 616

Delta R.T. -0.10 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

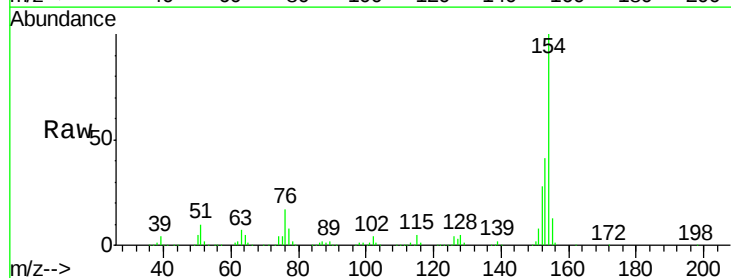
Tgt Ion:154 Resp: 651082

Ion Ratio Lower Upper

154 100

153 40.5 20.5 60.5

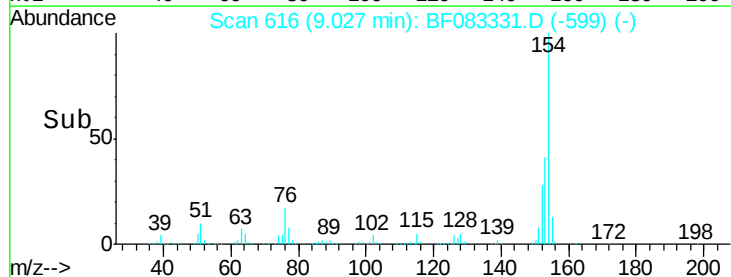
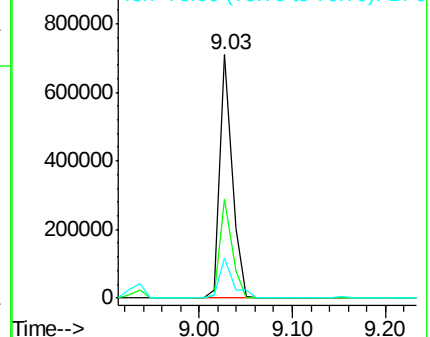
76 16.7 0.0 31.2

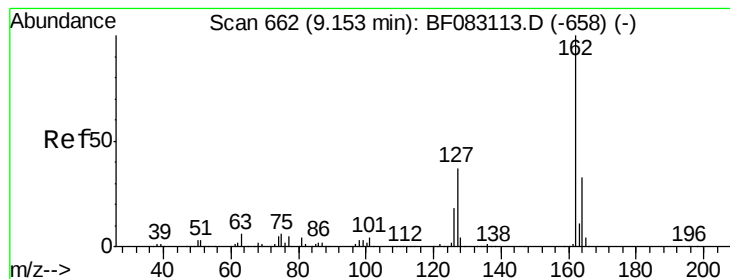


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

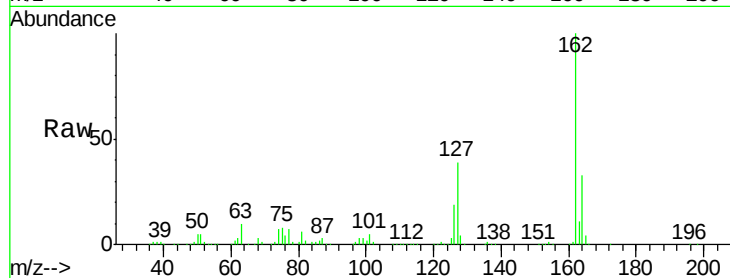




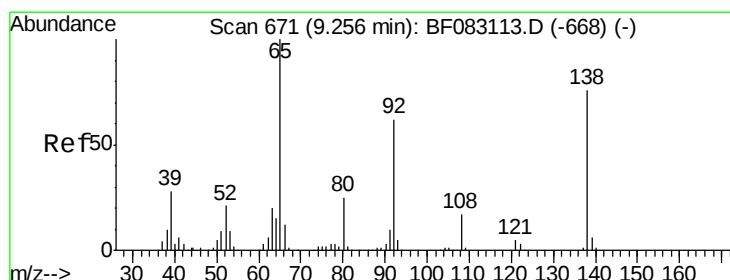
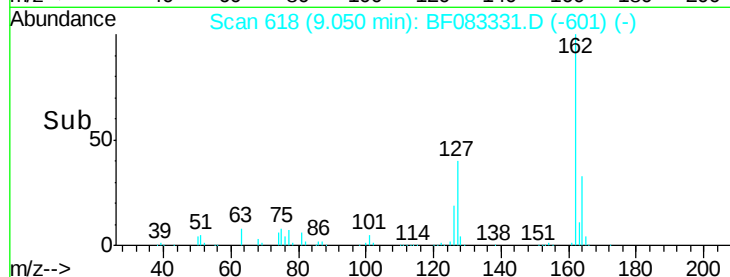
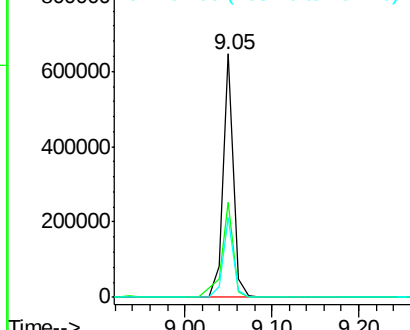
#46
 2-Chloronaphthalene
 Concen: 27.69 ng
 RT: 9.05 min Scan# 618
 Delta R.T. -0.10 min
 Lab File: BF083331.D
 Acq: 27 Nov 2015 16:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	29.4	44.2
164	32.7	26.2	39.4

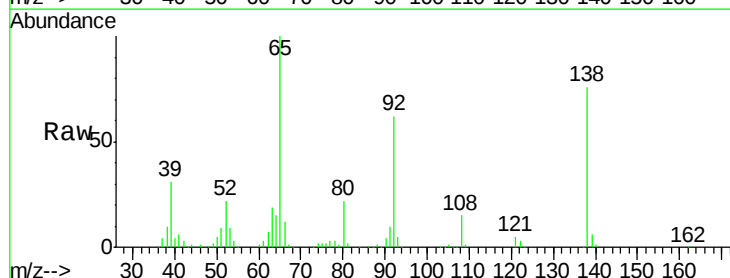


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

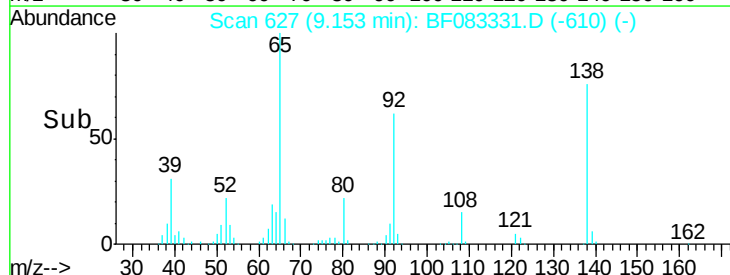
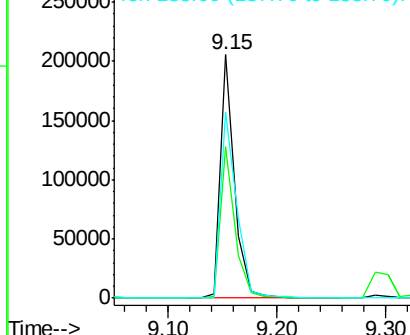


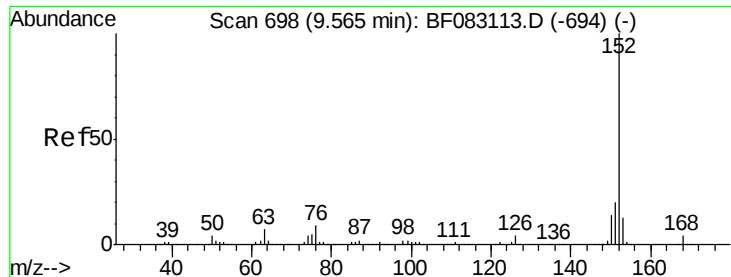
#47
 2-Nitroaniline
 Concen: 27.08 ng
 RT: 9.15 min Scan# 627
 Delta R.T. -0.10 min
 Lab File: BF083331.D
 Acq: 27 Nov 2015 16:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.0	49.5	74.3
138	76.4	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: 27.94 ng

RT: 9.46 min Scan# 654

Delta R.T. -0.10 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampleId :

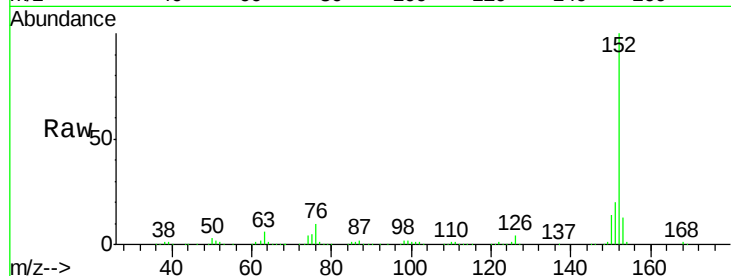
Tot Ion:152 Resp: 845914

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

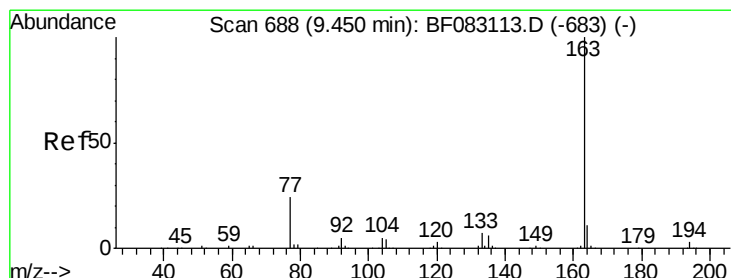
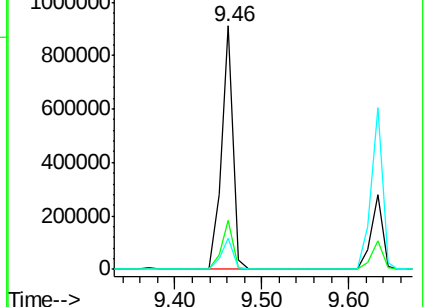
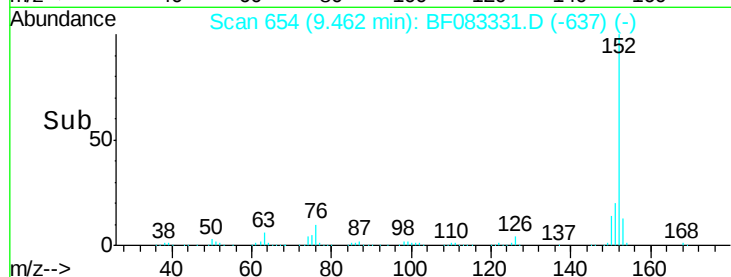
153 13.1 10.8 16.2



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: 24.10 ng

RT: 9.34 min Scan# 643

Delta R.T. -0.11 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

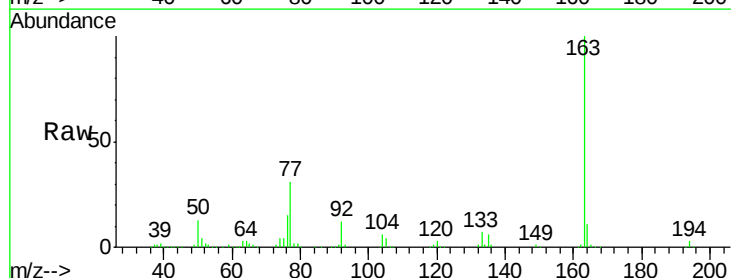
Tgt Ion:163 Resp: 542380

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

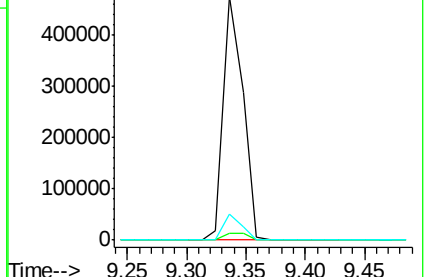
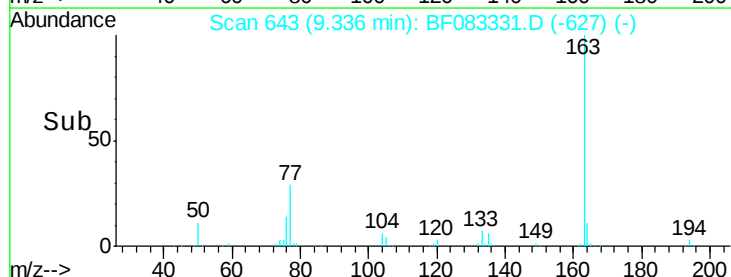
164 10.6 8.6 12.8

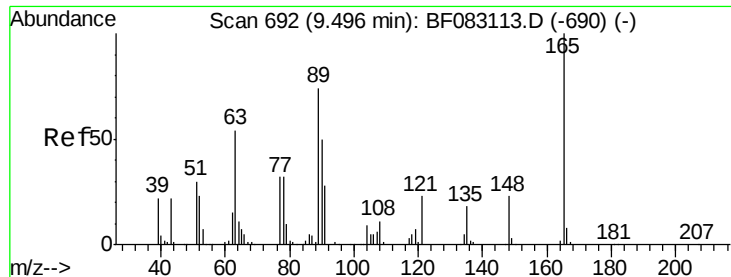


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 23.20 ng

RT: 9.39 min Scan# 648

Delta R.T. -0.10 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampleId :

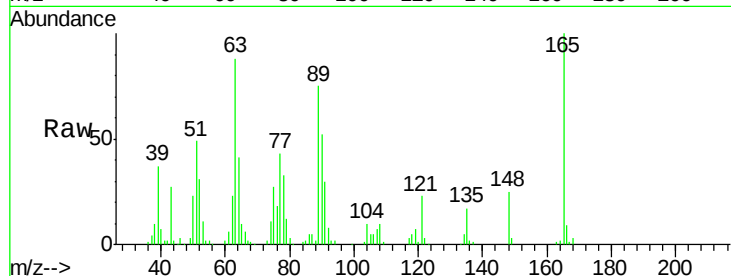
Tot Ion:165 Resp: 117125

Ion Ratio Lower Upper

165 100

63 88.2 62.5 93.7

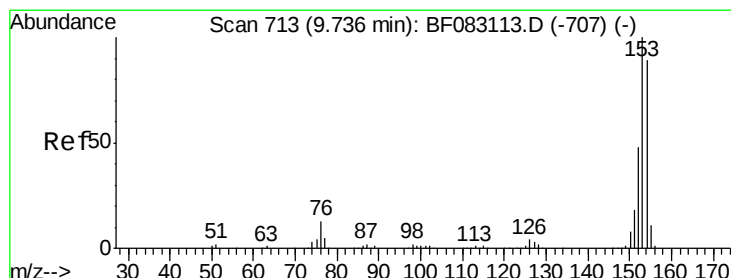
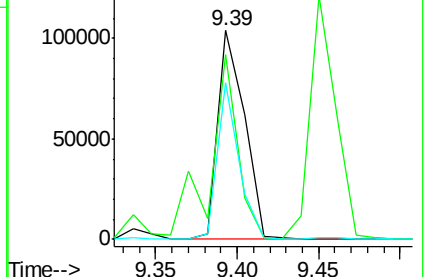
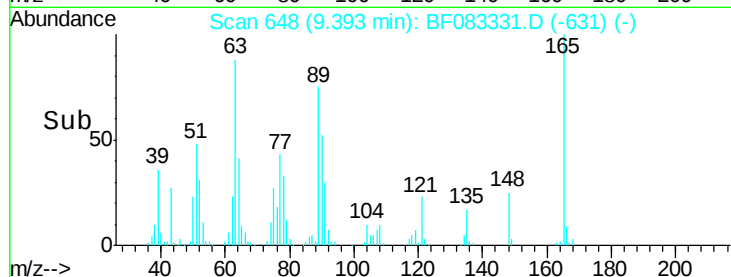
89 75.0 59.1 88.7



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: 26.51 ng

RT: 9.63 min Scan# 669

Delta R.T. -0.10 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

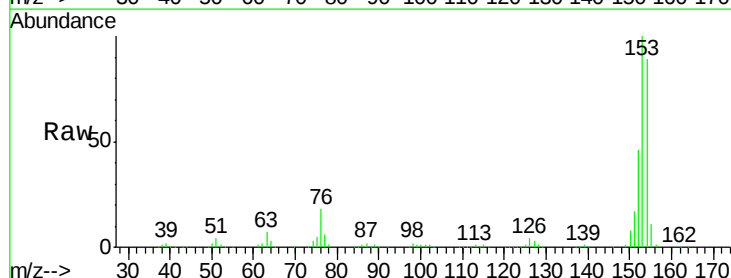
Tgt Ion:154 Resp: 488612

Ion Ratio Lower Upper

154 100

153 112.4 89.6 134.4

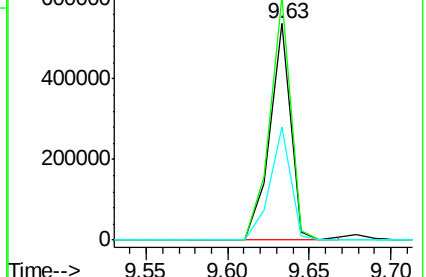
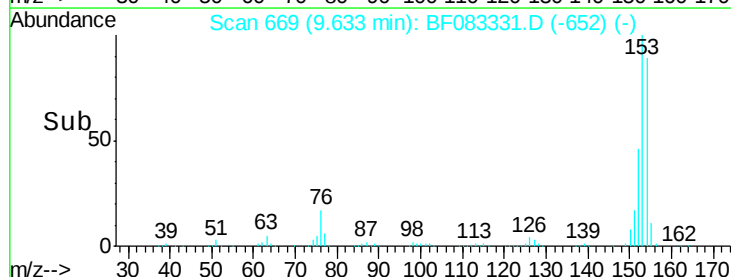
152 52.2 43.3 64.9

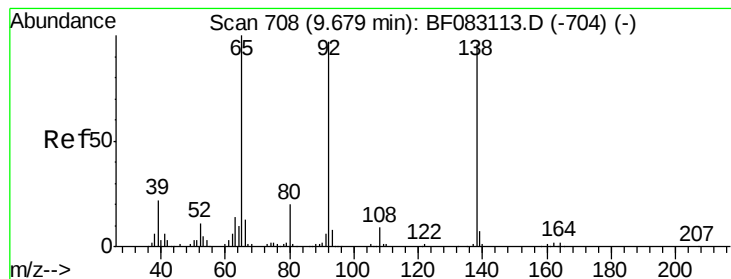


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 26.38 ng

RT: 9.56 min Scan# 663

Delta R.T. -0.11 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampleId :

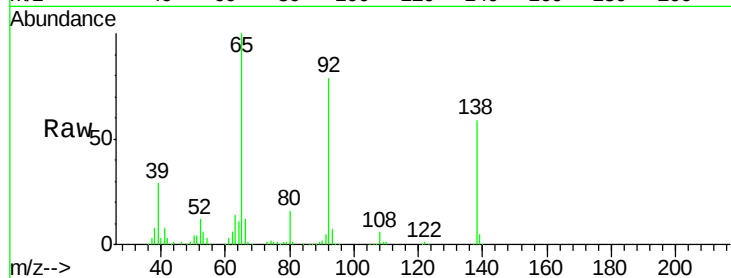
Tot Ion:138 Resp: 142024

Ion Ratio Lower Upper

138 100

108 10.8 7.8 11.6

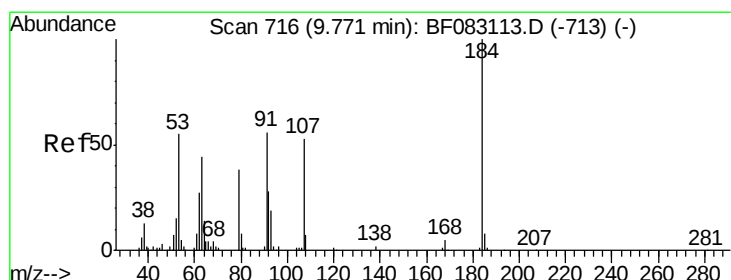
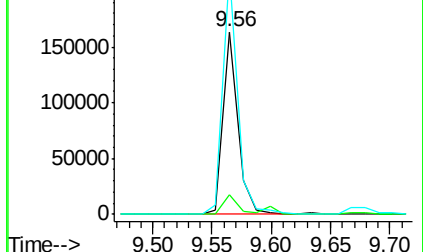
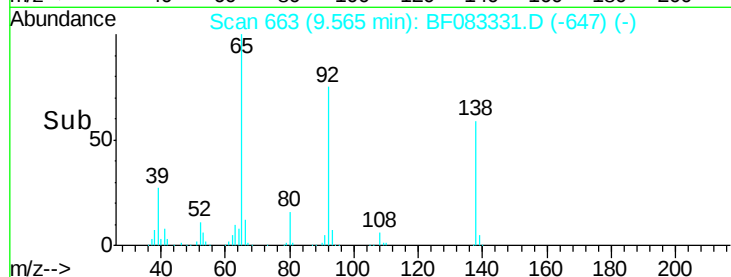
92 133.4 81.1 121.7#



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): BF0



#53

2,4-Dinitrophenol

Concen: 12.58 ng

RT: 9.68 min Scan# 673

Delta R.T. -0.09 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

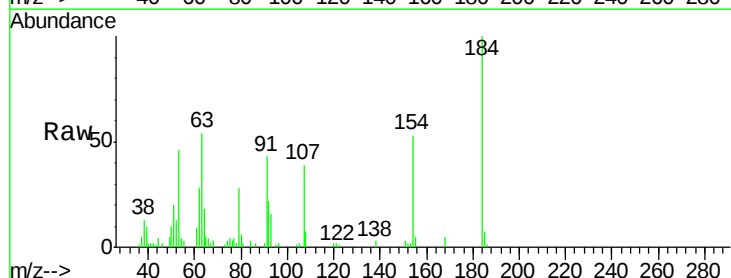
Tgt Ion:184 Resp: 36594

Ion Ratio Lower Upper

184 100

63 54.2 60.5 90.7#

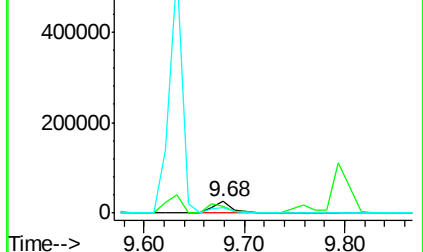
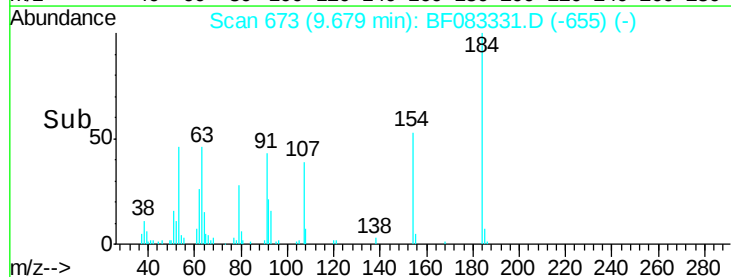
154 53.4 54.3 81.5#

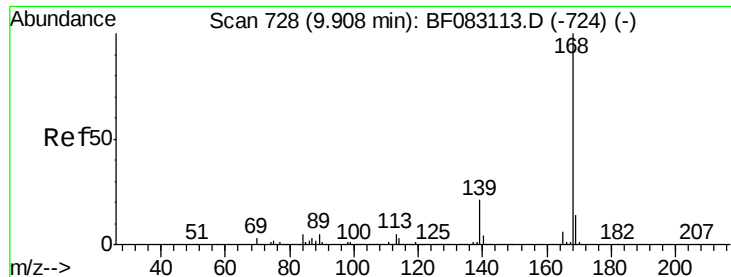


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

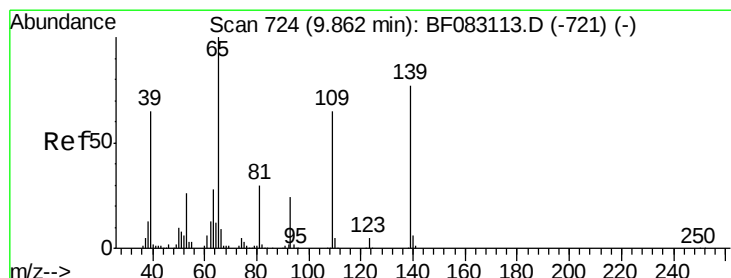
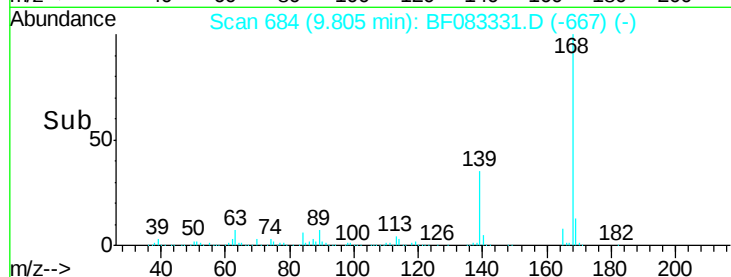
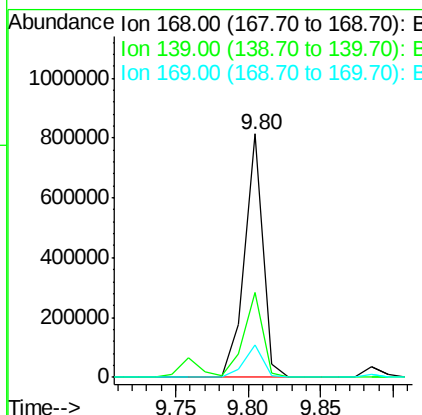
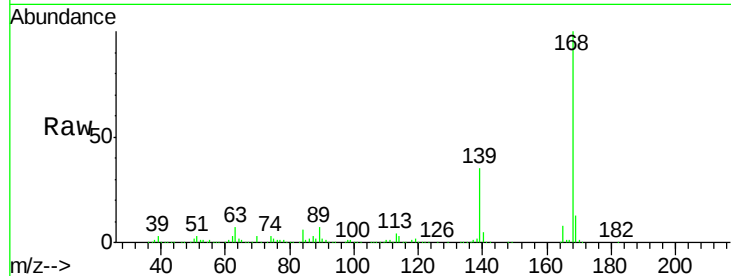




#54
Dibenzenofuran
Concen: 27.33 ng
RT: 9.80 min Scan# 684
Delta R.T. -0.10 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

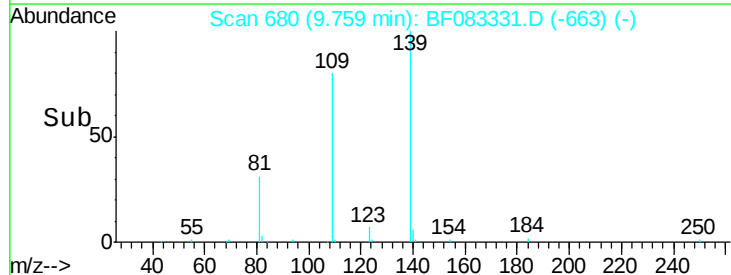
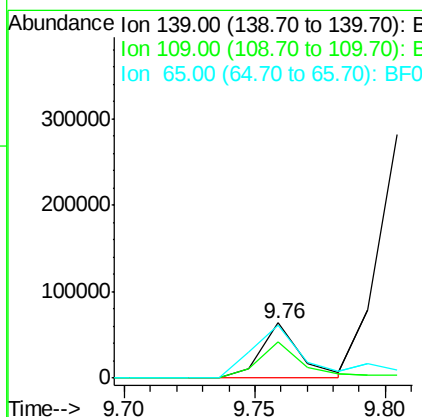
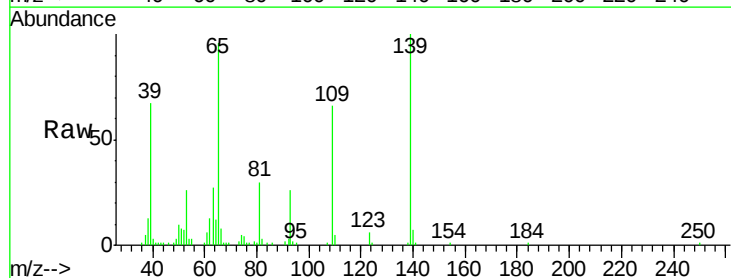
Instrument :
BNA_F
ClientSampleId :

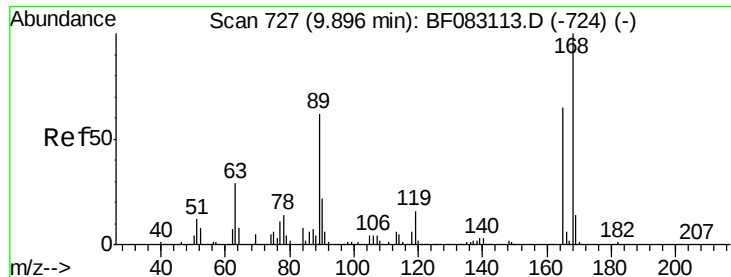
Tot Ion:168 Resp: 712188
Ion Ratio Lower Upper
168 100
139 34.6 30.2 45.2
169 13.3 10.9 16.3



#55
4-Nitrophenol
Concen: 16.31 ng
RT: 9.76 min Scan# 680
Delta R.T. -0.10 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

Tgt Ion:139 Resp: 67324
Ion Ratio Lower Upper
139 100
109 66.4 64.0 104.0
65 96.1 109.5 149.5#

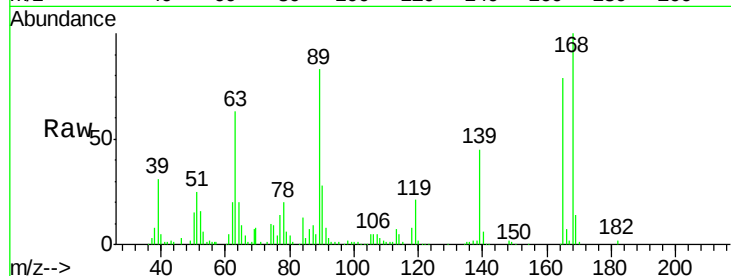




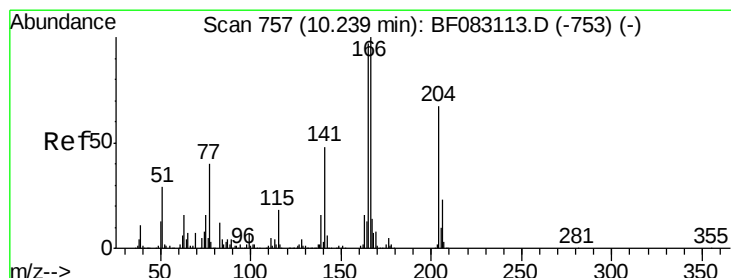
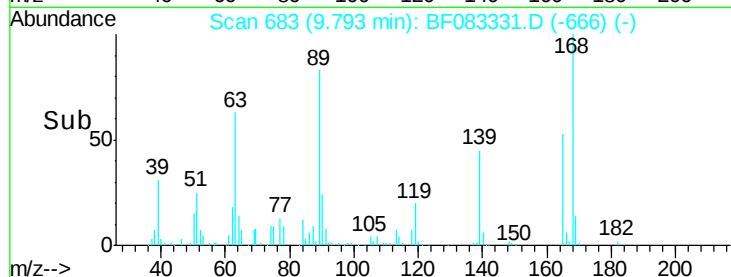
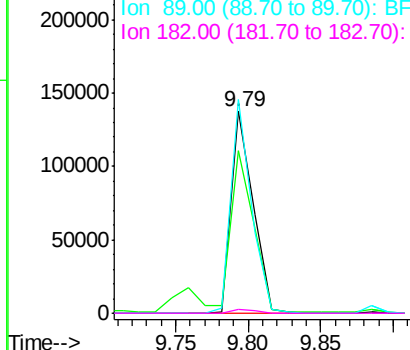
#56
2,4-Dinitrotoluene
Concen: 22.62 ng
RT: 9.79 min Scan# 683
Delta R.T. -0.10 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 144711
Ion Ratio Lower Upper
165 100
63 80.5 54.5 81.7
89 105.7 77.3 115.9
182 2.1 1.8 2.6

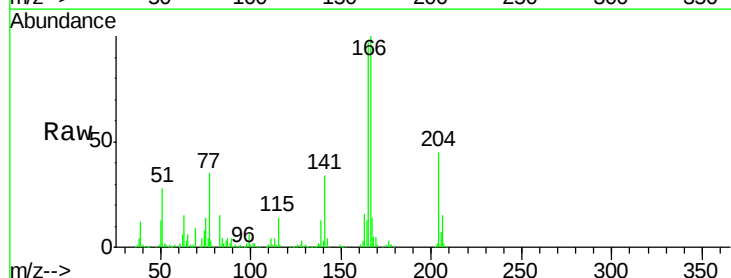


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

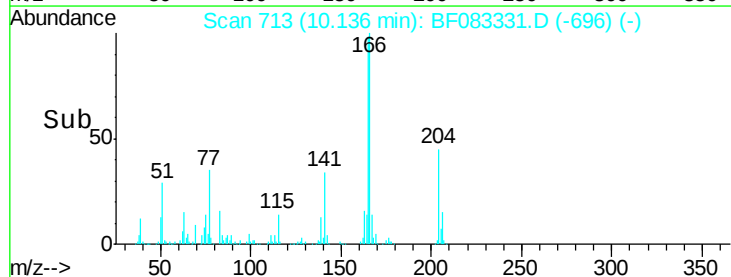
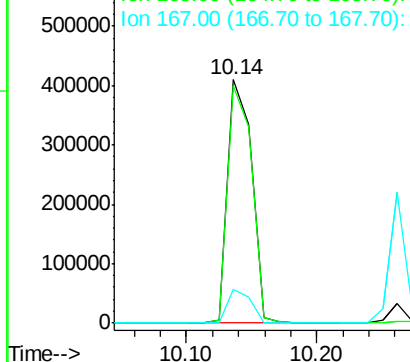


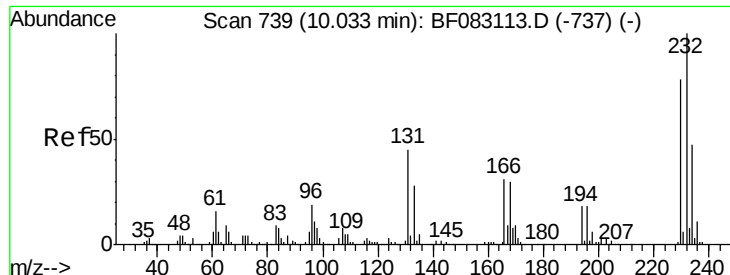
#57
Fluorene
Concen: 24.32 ng
RT: 10.14 min Scan# 713
Delta R.T. -0.10 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

Tgt Ion:166 Resp: 523704
Ion Ratio Lower Upper
166 100
165 97.2 78.0 117.0
167 14.0 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

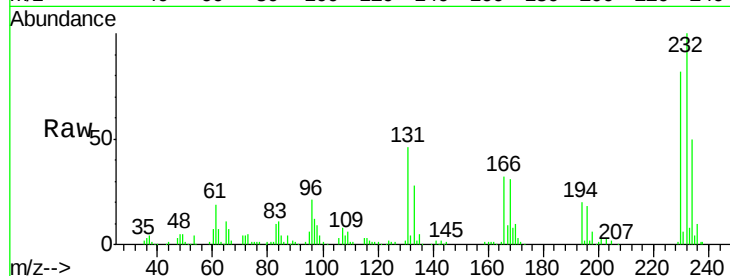




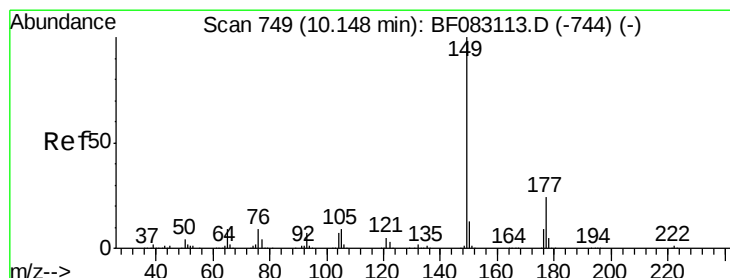
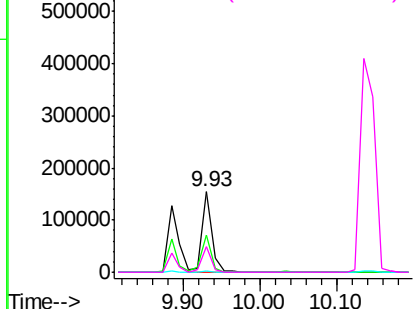
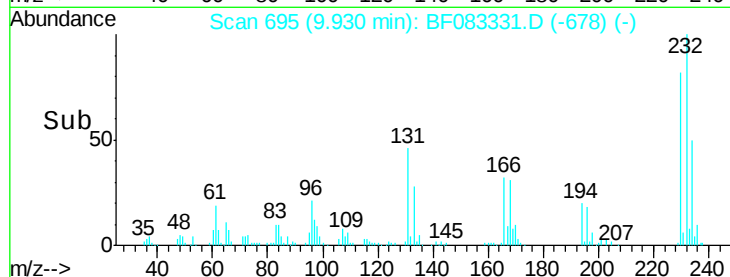
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 23.99 ng
 RT: 9.93 min Scan# 695
 Delta R.T. -0.10 min
 Lab File: BF083331.D
 Acq: 27 Nov 2015 16:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.6	38.6	57.8
130	1.9	1.9	2.9
166	31.0	25.4	38.0

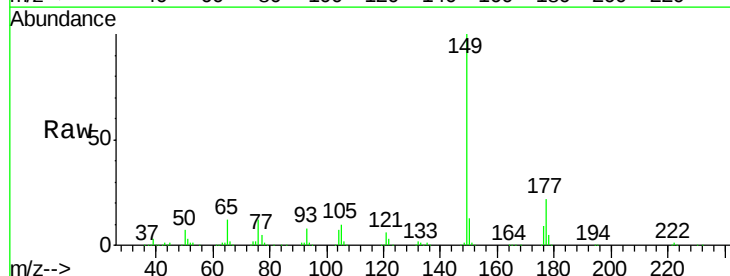


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

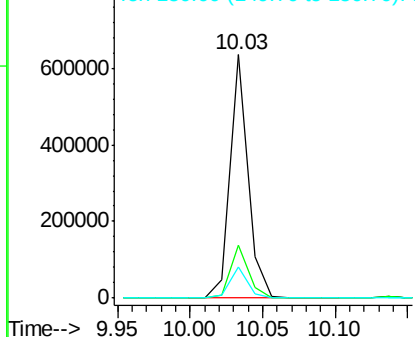
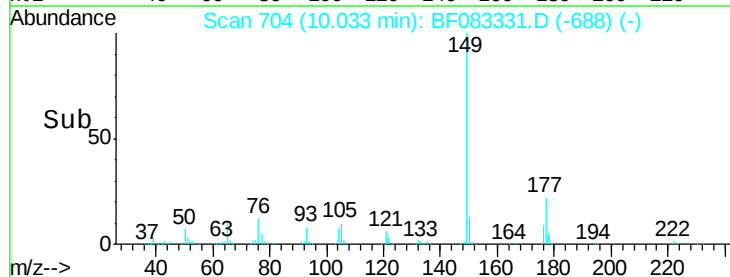


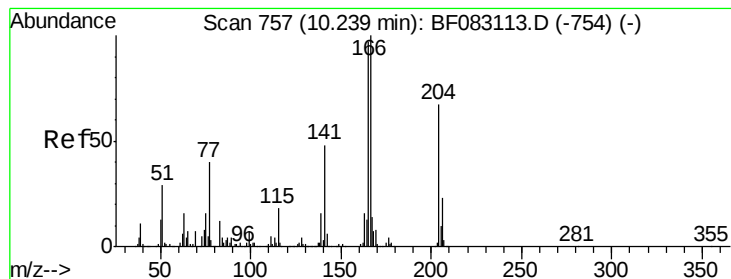
#59
 Diethylphthalate
 Concen: 24.41 ng
 RT: 10.03 min Scan# 704
 Delta R.T. -0.11 min
 Lab File: BF083331.D
 Acq: 27 Nov 2015 16:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	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: 25.22 ng

RT: 10.14 min Scan# 713

Delta R.T. -0.10 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampled :

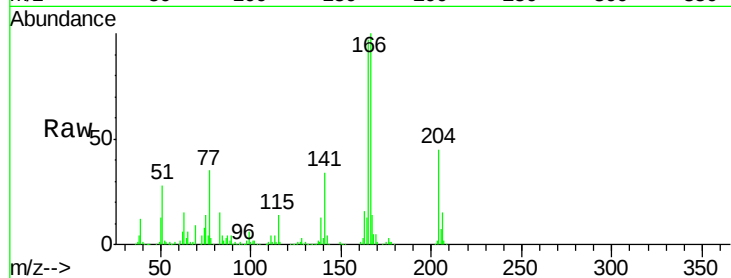
Tot Ion:204 Resp: 248762

Ion Ratio Lower Upper

204 100

206 34.0 27.4 41.0

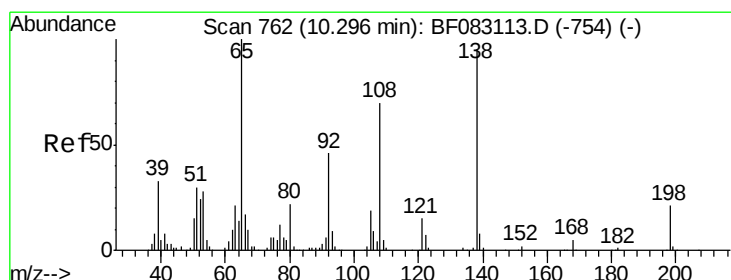
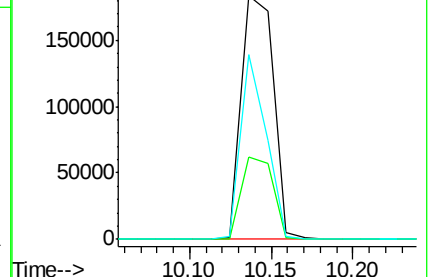
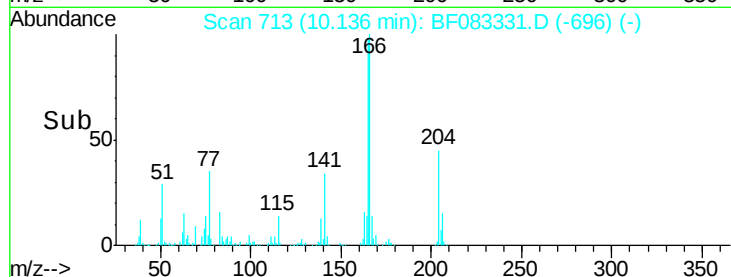
141 75.8 57.4 86.2



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: 22.61 ng

RT: 10.17 min Scan# 716

Delta R.T. -0.13 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

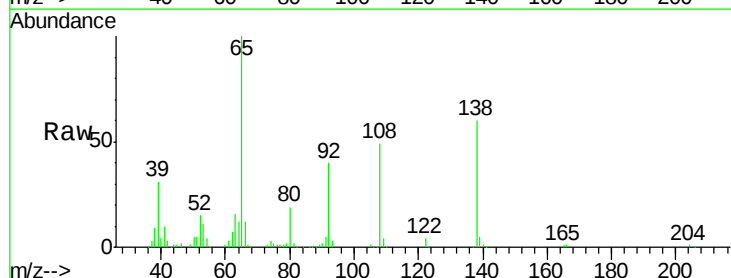
Tgt Ion:138 Resp: 119827

Ion Ratio Lower Upper

138 100

92 66.4 28.4 68.4

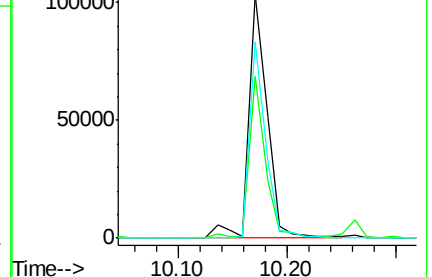
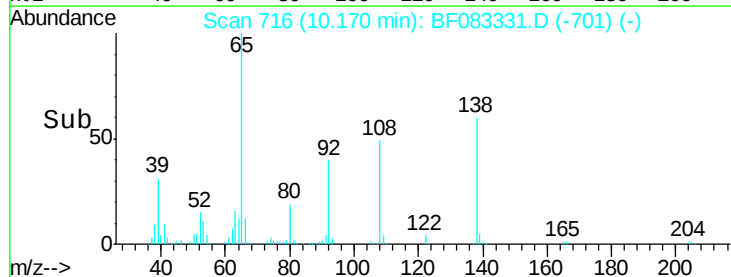
108 80.7 53.5 93.5

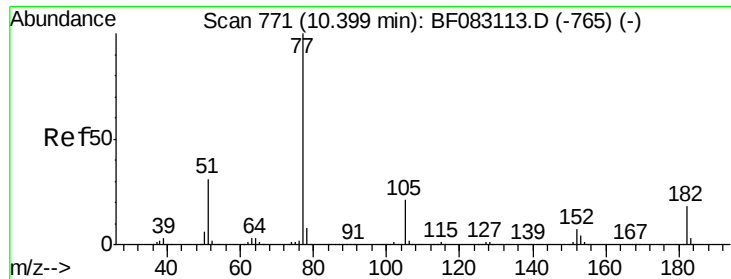


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 26.72 ng

RT: 10.30 min Scan# 727

Delta R.T. -0.10 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 683169

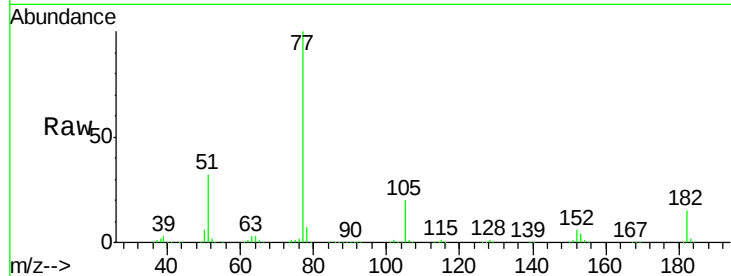
Ion Ratio Lower Upper

77 100

182 15.1 0.0 38.3

105 20.3 1.2 41.2

51 31.5 11.1 51.1

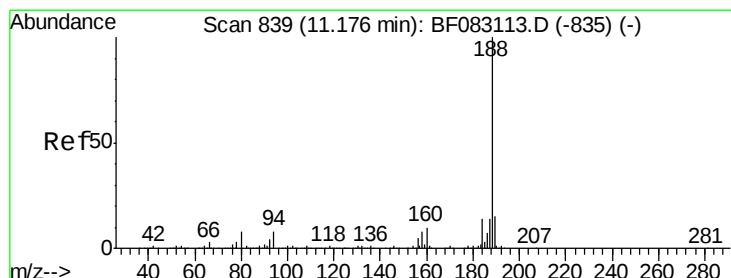
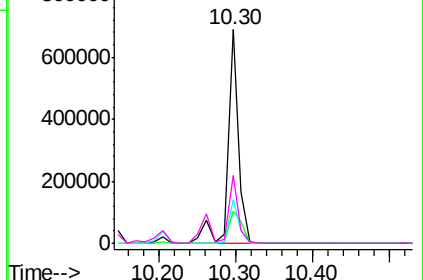
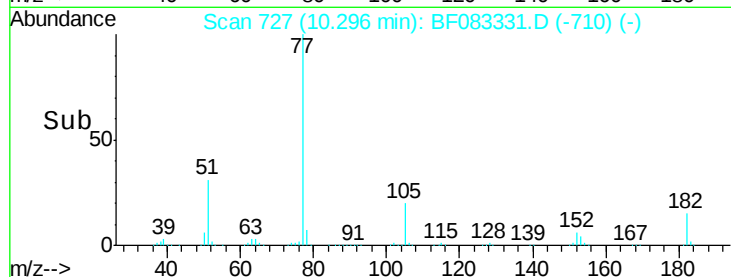


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.07 min Scan# 795

Delta R.T. -0.10 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

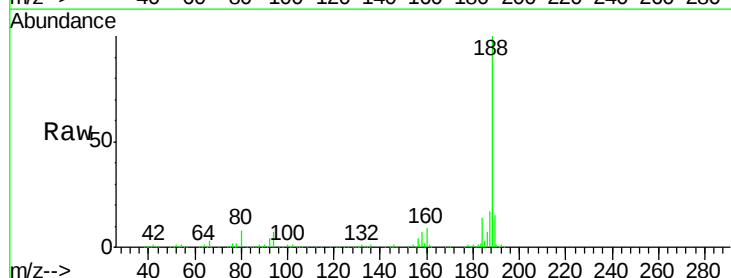
Tgt Ion: 188 Resp: 477110

Ion Ratio Lower Upper

188 100

94 7.1 6.0 9.0

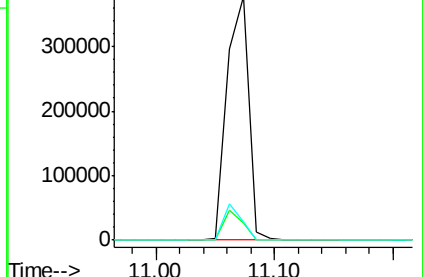
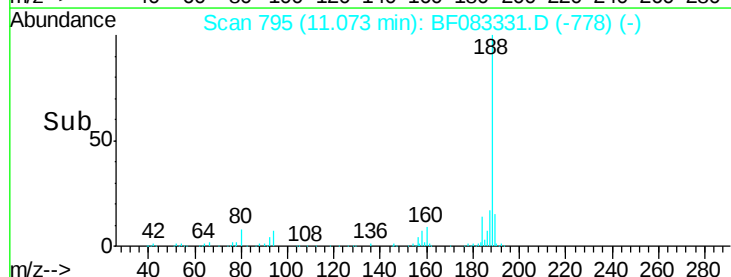
80 7.7 6.7 10.1

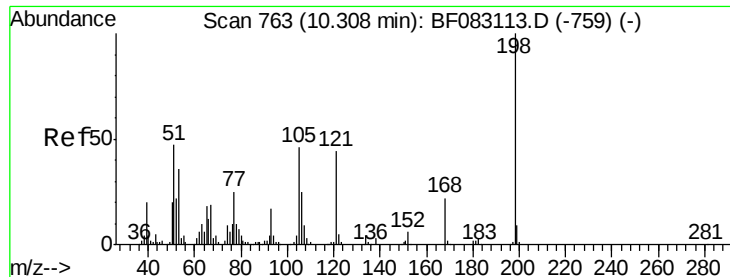


Abundance Ion 188.00 (187.70 to 188.70): E

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: 23.27 ng

RT: 10.20 min Scan# 719

Delta R.T. -0.10 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampleId :

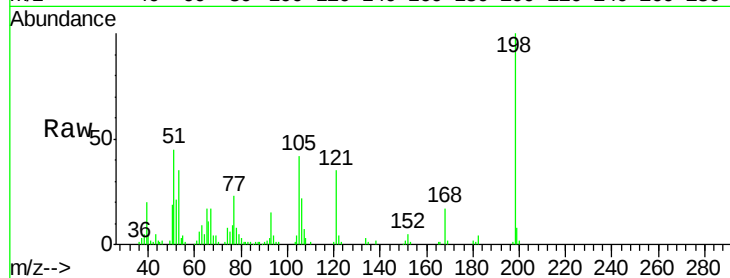
Tot Ion:198 Resp: 76485

Ion Ratio Lower Upper

198 100

51 45.0 27.0 67.0

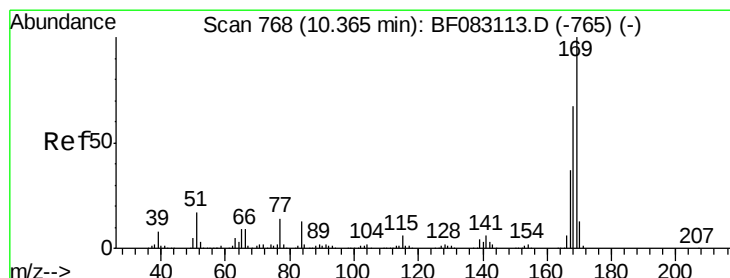
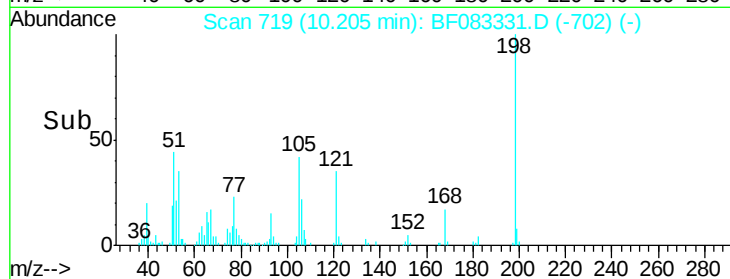
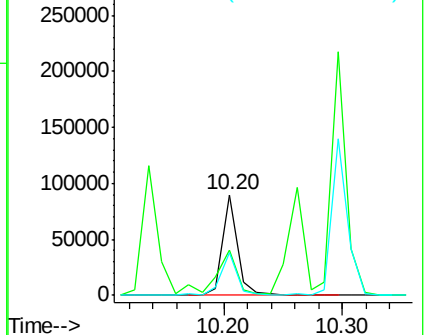
105 42.1 26.1 66.1



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: 30.18 ng

RT: 10.26 min Scan# 724

Delta R.T. -0.10 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

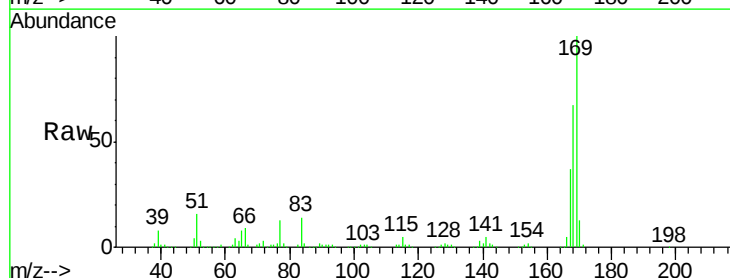
Tgt Ion:169 Resp: 489743

Ion Ratio Lower Upper

169 100

168 66.6 53.8 80.6

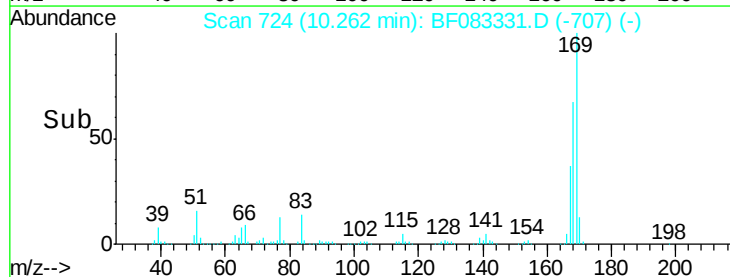
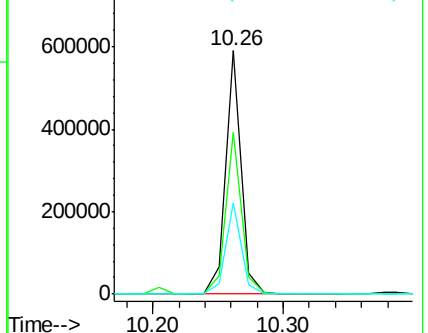
167 37.5 29.8 44.8

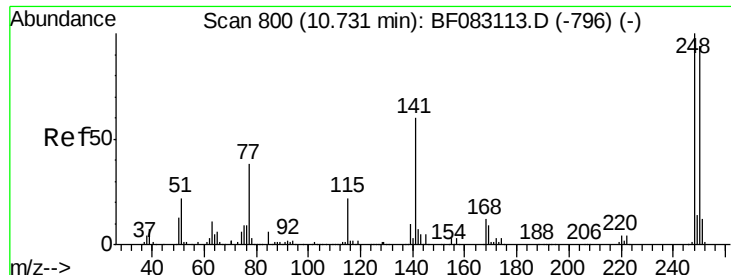


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

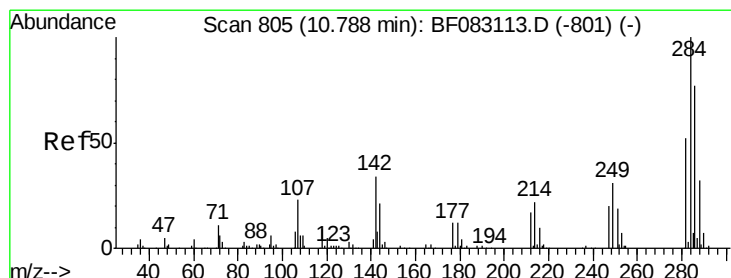
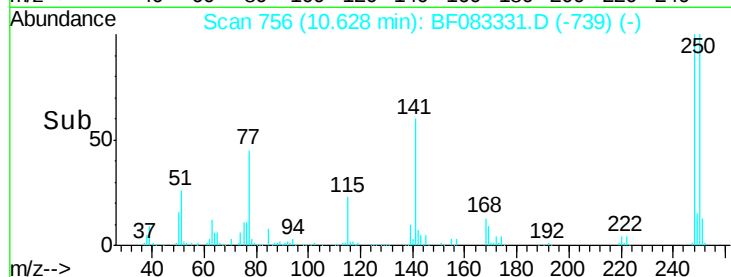
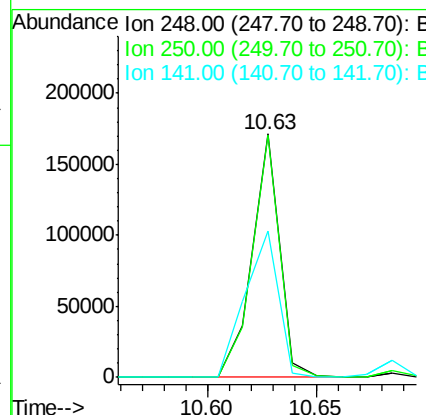
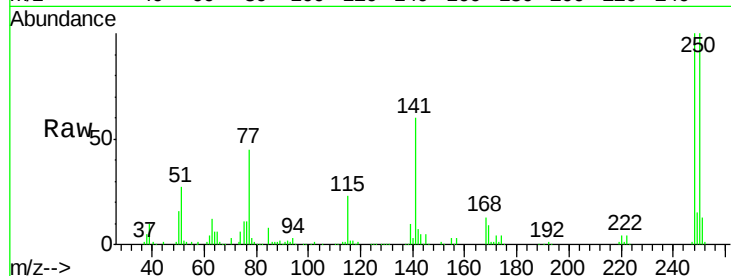




#66
4-Bromophenyl-phenylether
Concen: 28.40 ng
RT: 10.63 min Scan# 756
Delta R.T. -0.10 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

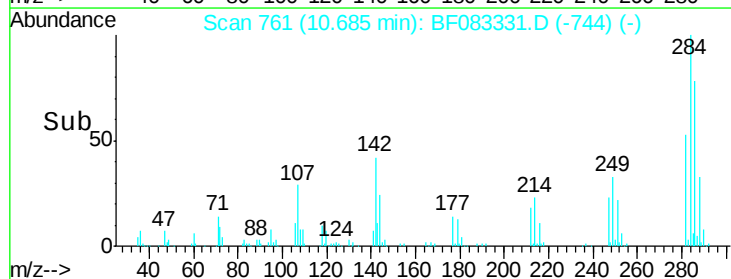
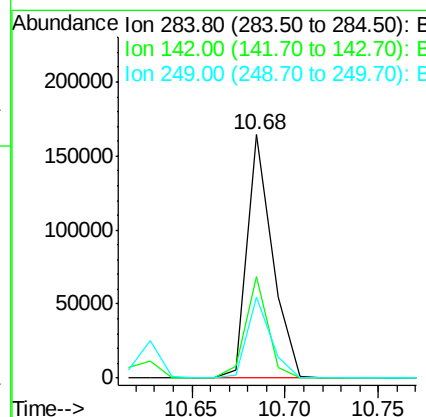
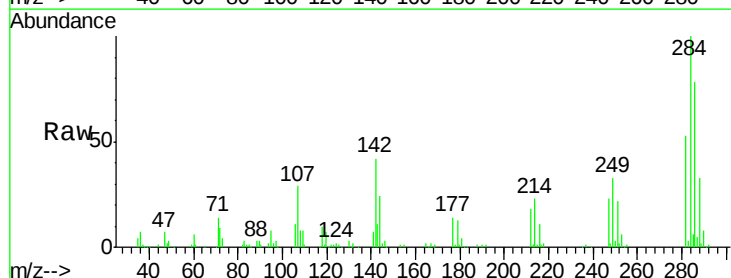
Instrument :
BNA_F
ClientSampled :

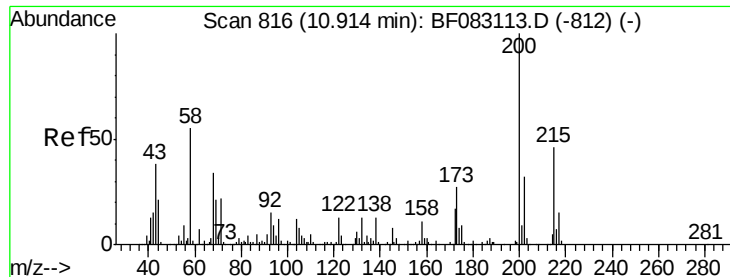
Tot Ion:248 Resp: 150354
Ion Ratio Lower Upper
248 100
250 99.6 75.4 113.2
141 60.2 48.1 72.1



#67
Hexachlorobenzene
Concen: 26.63 ng
RT: 10.68 min Scan# 761
Delta R.T. -0.10 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

Tgt Ion:284 Resp: 155251
Ion Ratio Lower Upper
284 100
142 41.7 27.6 41.4#
249 33.4 25.5 38.3





#68

Atrazine

Concen: 25.46 ng

RT: 10.80 min Scan# 771

Delta R.T. -0.11 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampleId :

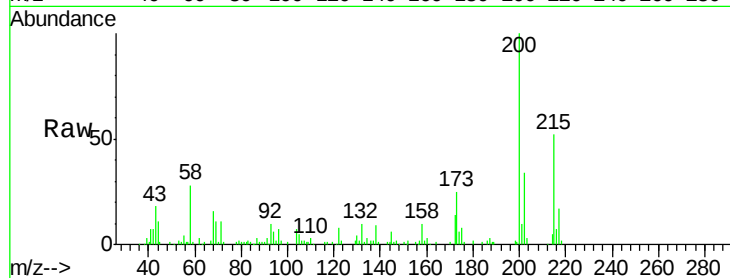
Tot Ion:200 Resp: 119968

Ion Ratio Lower Upper

200 100

173 25.0 7.2 47.2

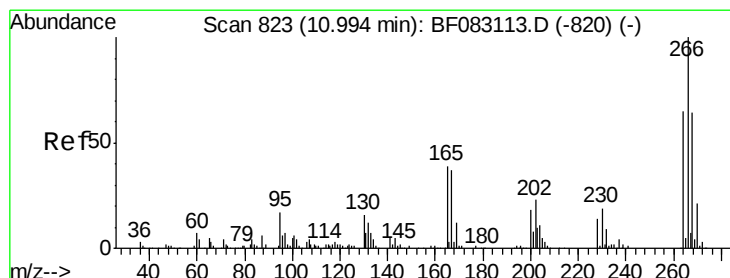
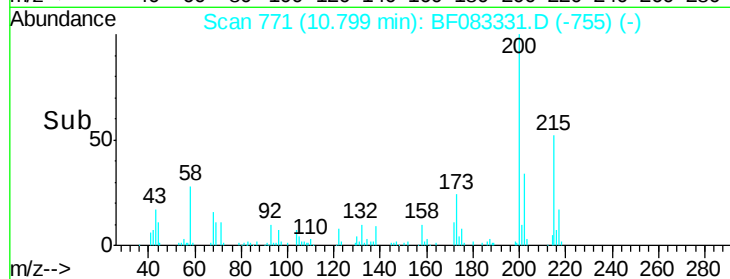
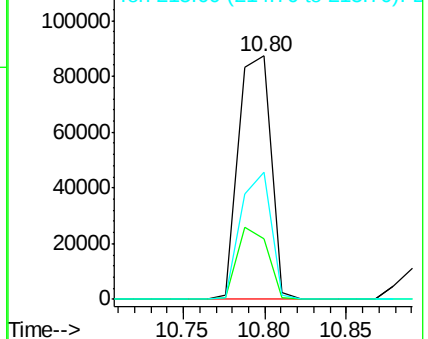
215 52.4 25.7 65.7



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: 18.49 ng

RT: 10.89 min Scan# 779

Delta R.T. -0.10 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

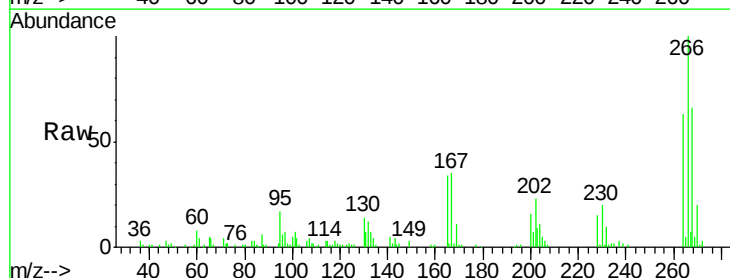
Tgt Ion:266 Resp: 70234

Ion Ratio Lower Upper

266 100

268 66.4 51.4 77.0

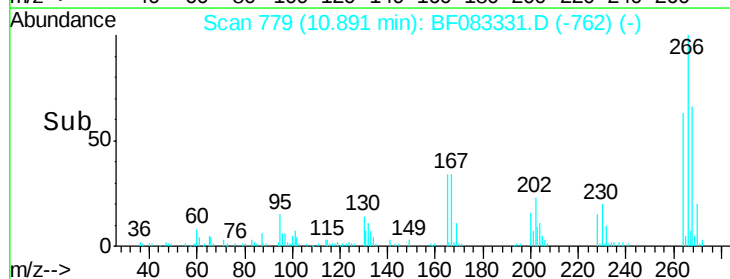
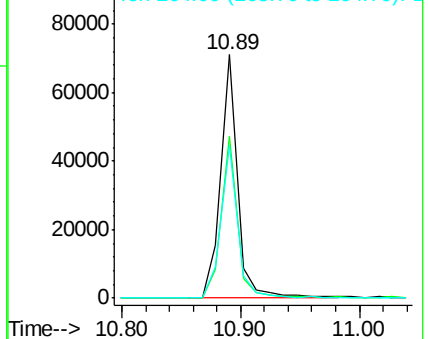
264 62.8 51.7 77.5

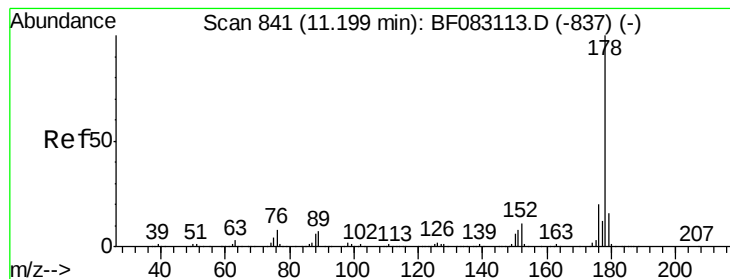


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 27.99 ng

RT: 11.10 min Scan# 797

Delta R.T. -0.10 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampled :

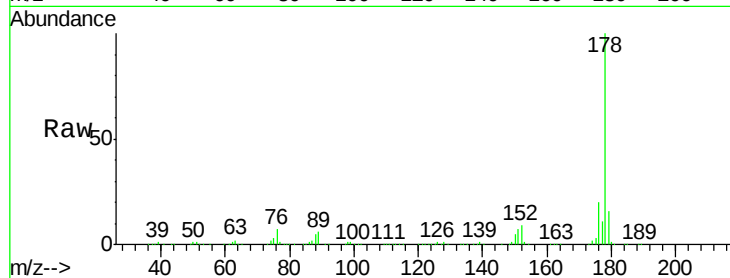
Tot Ion:178 Resp: 769486

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.2

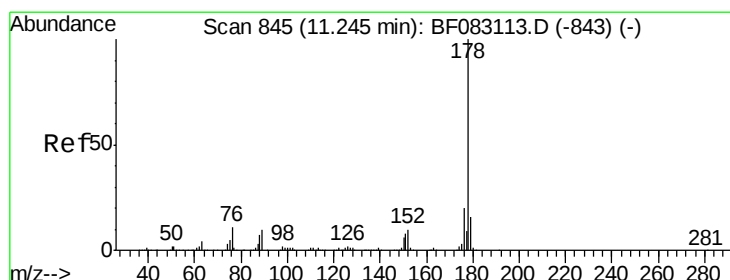
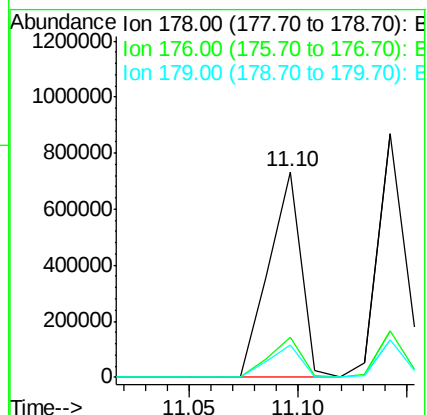
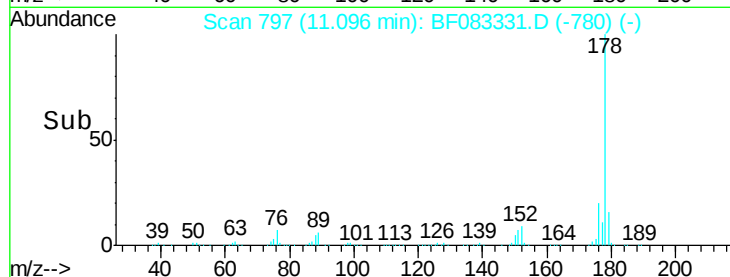
179 15.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 27.27 ng

RT: 11.14 min Scan# 801

Delta R.T. -0.10 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

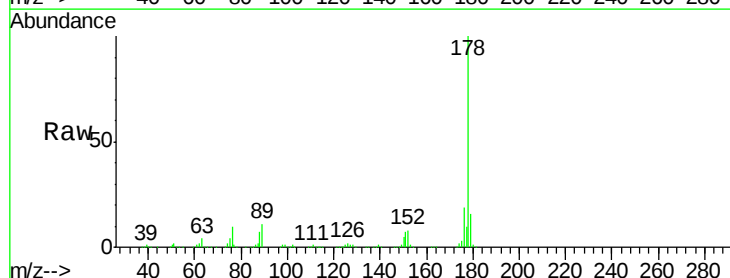
Tgt Ion:178 Resp: 764772

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

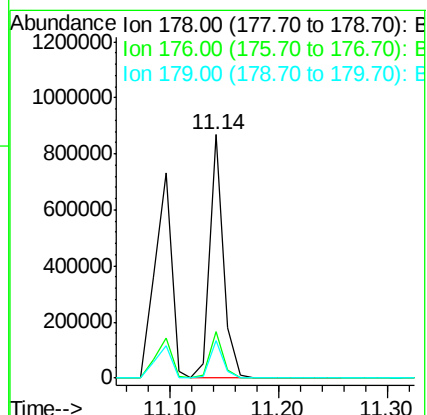
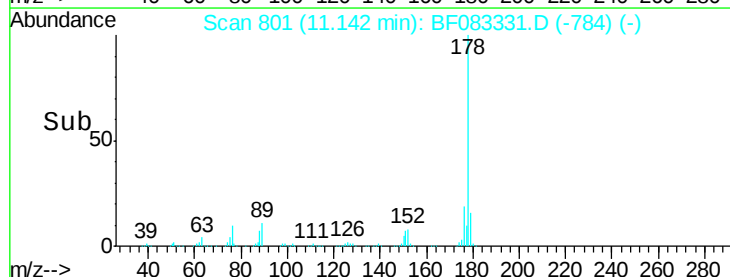
179 15.6 13.2 19.8

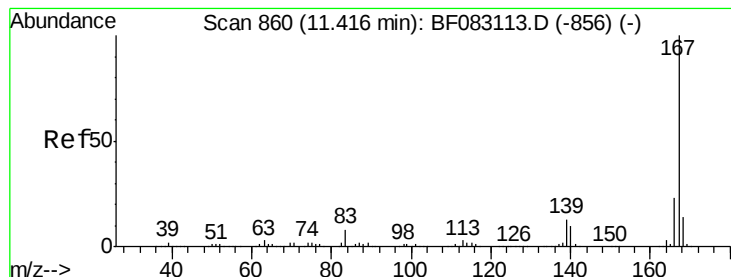


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 24.57 ng

RT: 11.30 min Scan# 815

Delta R.T. -0.11 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampleId :

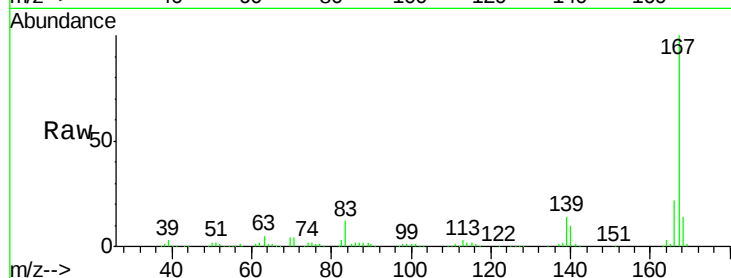
Tot Ion:167 Resp: 612429

Ion Ratio Lower Upper

167 100

166 21.8 18.0 27.0

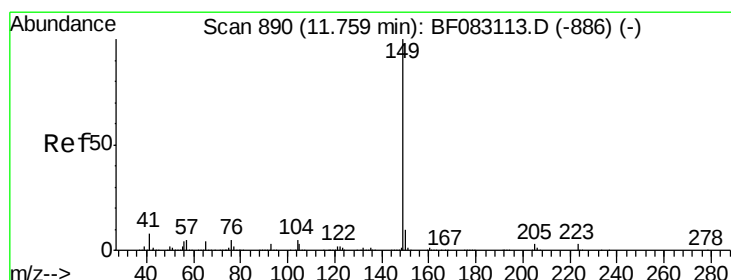
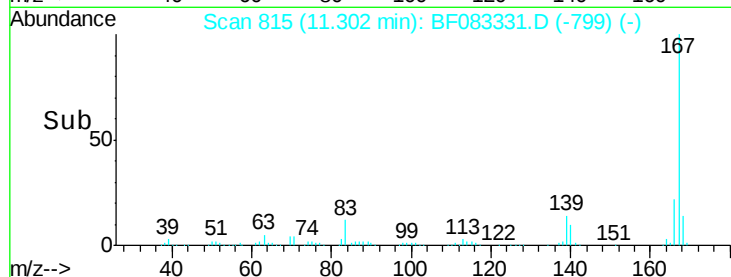
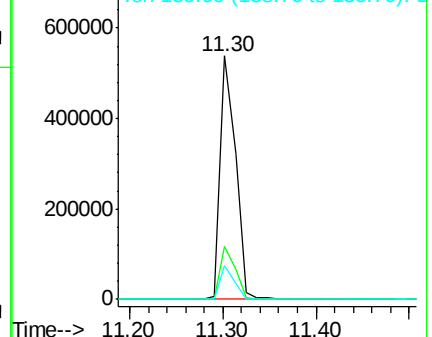
139 13.7 10.5 15.7



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: 23.11 ng

RT: 11.64 min Scan# 845

Delta R.T. -0.11 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

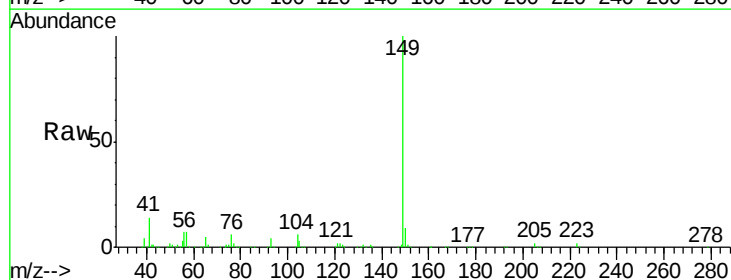
Tgt Ion:149 Resp: 703213

Ion Ratio Lower Upper

149 100

150 9.4 8.0 12.0

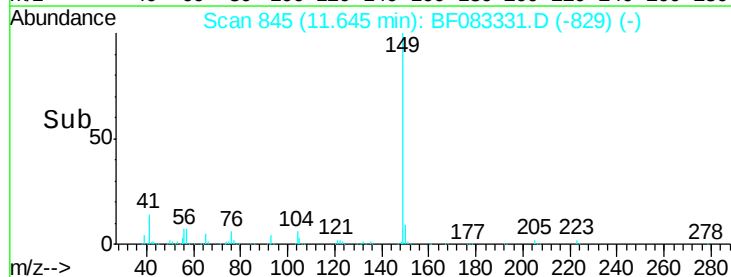
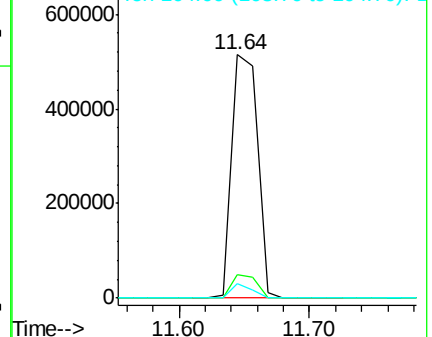
104 5.7 4.4 6.6

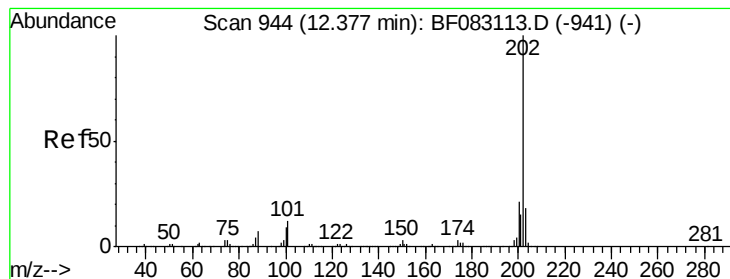


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 23.54 ng

RT: 12.27 min Scan# 900

Delta R.T. -0.10 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampleId :

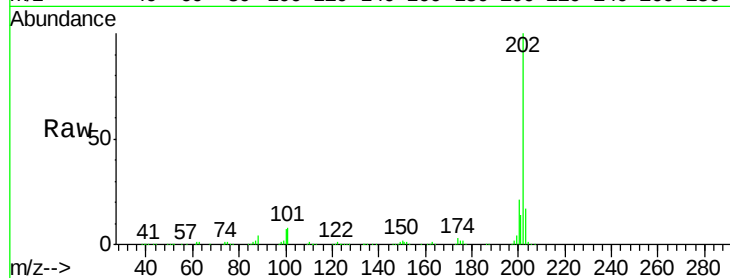
Tot Ion:202 Resp: 662363

Ion Ratio Lower Upper

202 100

101 8.3 0.0 32.3

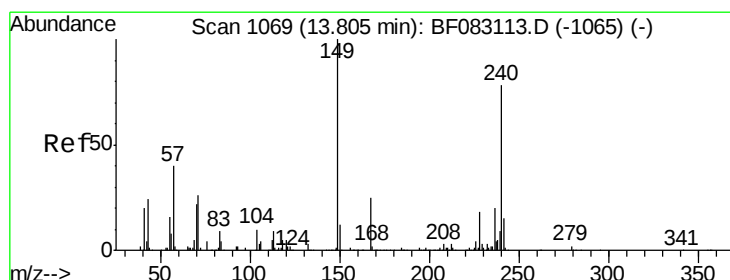
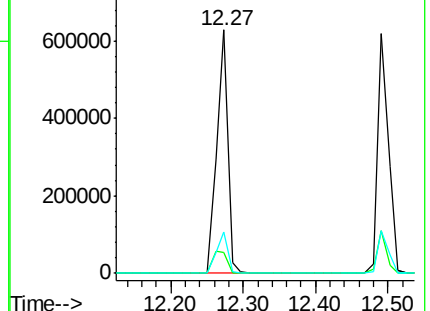
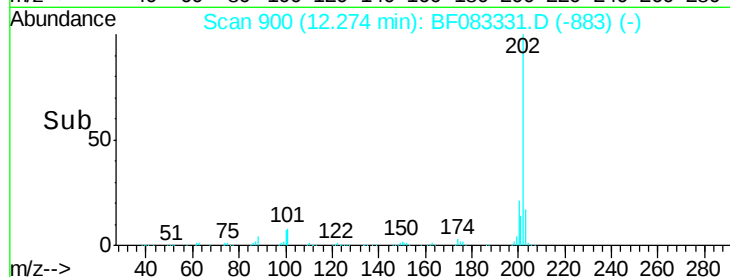
203 17.1 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1024

Delta R.T. -0.11 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

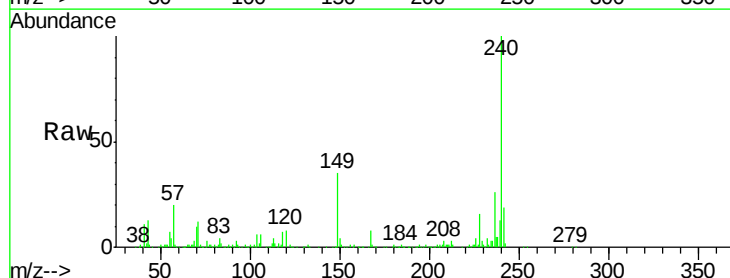
Tgt Ion:240 Resp: 303697

Ion Ratio Lower Upper

240 100

120 7.7 5.4 8.2

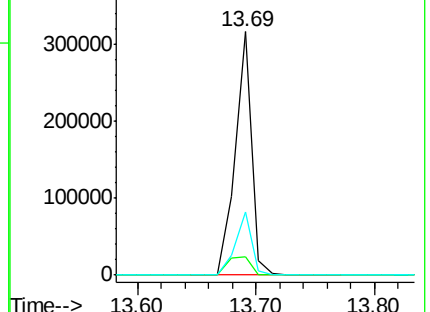
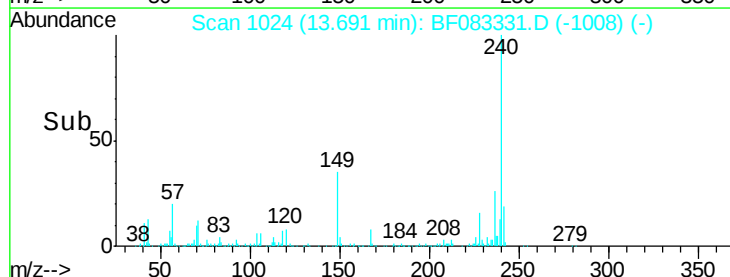
236 25.8 20.6 31.0

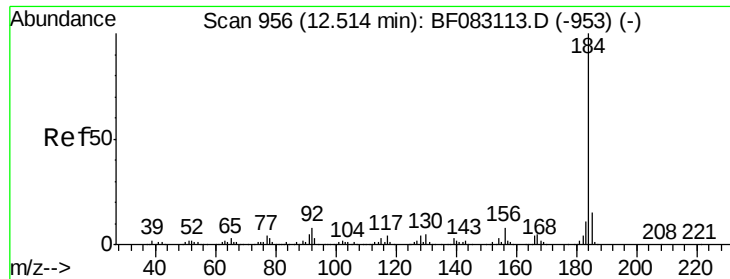


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

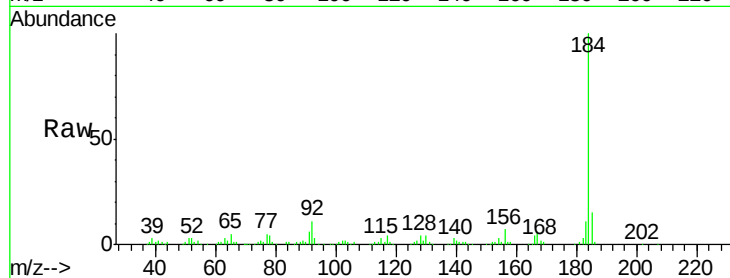




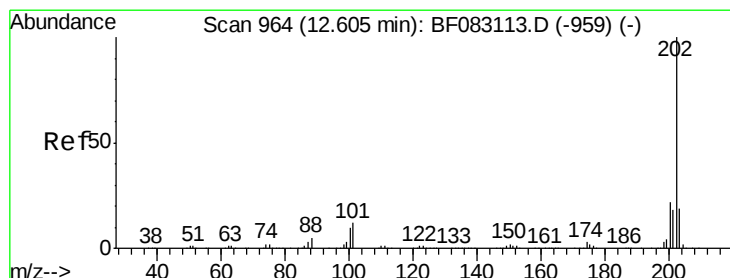
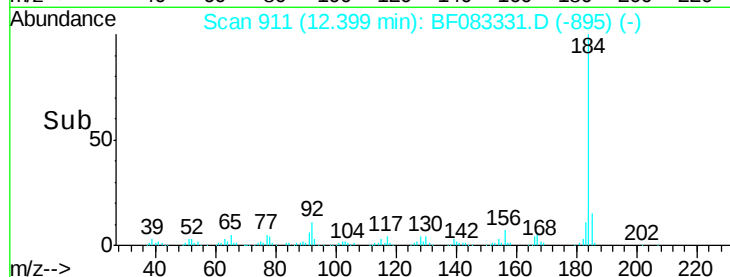
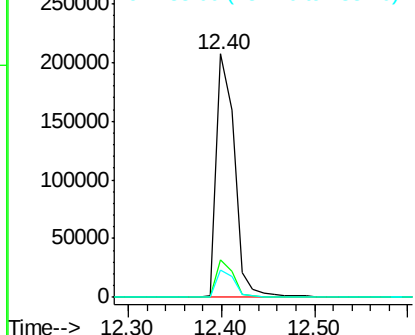
#76
Benzidine
Concen: 35.16 ng
RT: 12.40 min Scan# 911
Delta R.T. -0.11 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 279838
Ion Ratio Lower Upper
184 100
185 15.4 11.7 17.5
183 11.5 8.8 13.2

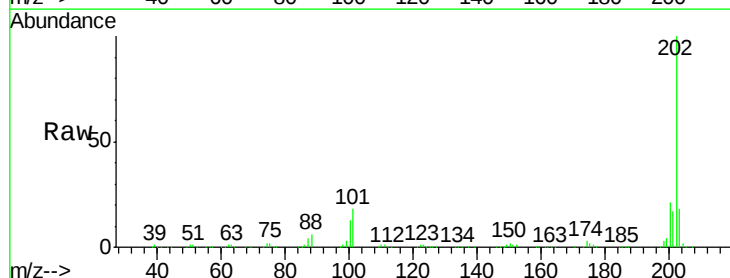


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

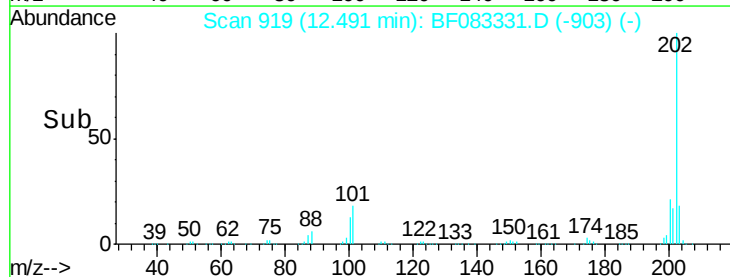
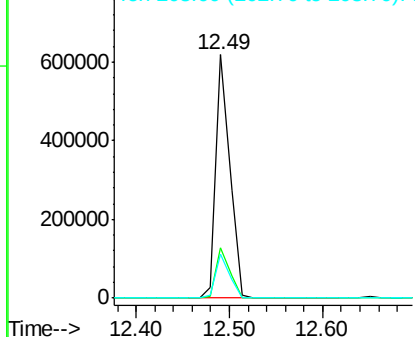


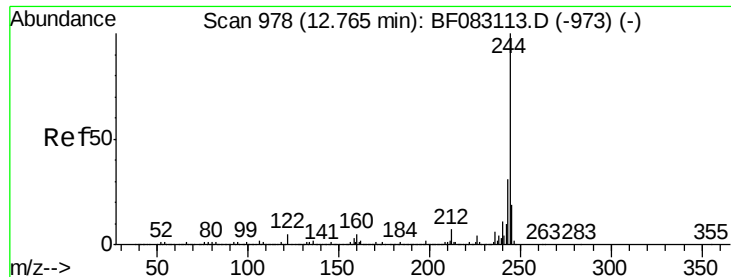
#77
Pyrene
Concen: 30.90 ng
RT: 12.49 min Scan# 919
Delta R.T. -0.11 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

Tgt Ion:202 Resp: 641018
Ion Ratio Lower Upper
202 100
200 20.8 17.8 26.6
203 17.9 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: 60.45 ng

RT: 12.65 min Scan# 933

Delta R.T. -0.11 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampleId :

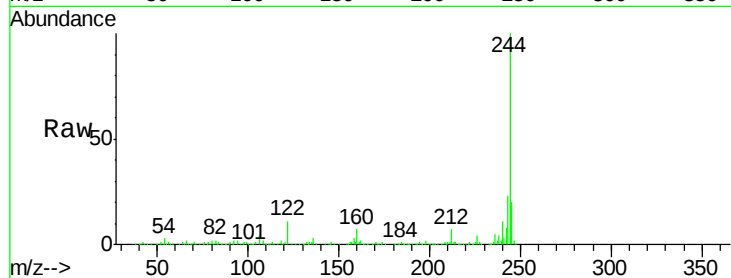
Tot Ion:244 Resp: 779625

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

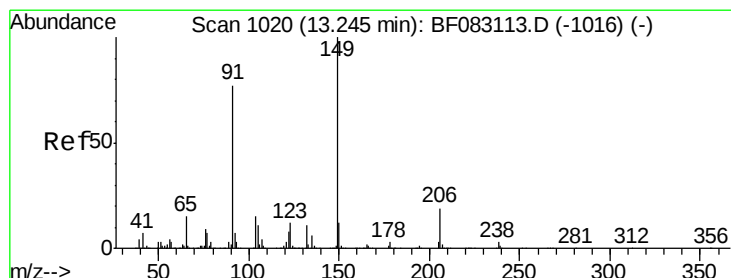
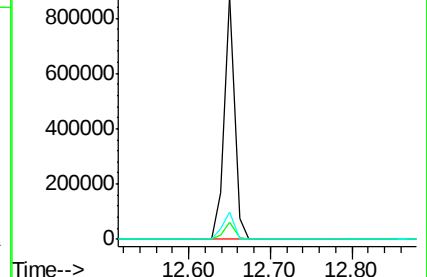
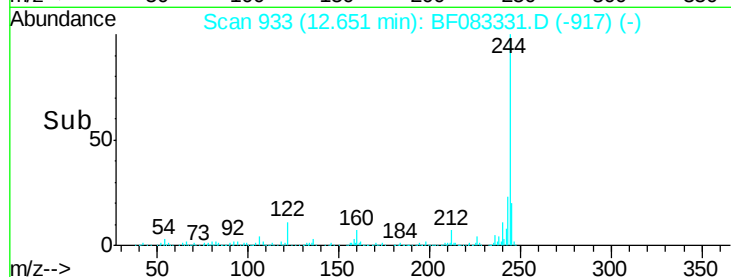
122 11.0 4.3 6.5#



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: 23.07 ng

RT: 13.13 min Scan# 975

Delta R.T. -0.11 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

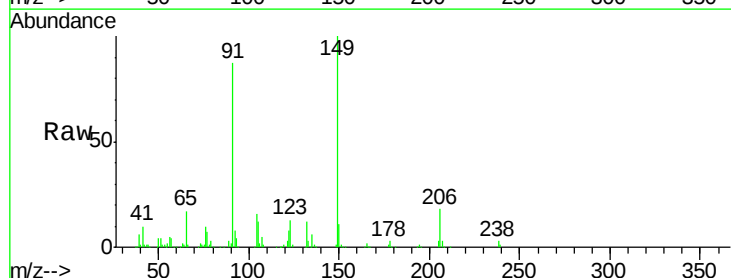
Tgt Ion:149 Resp: 226489

Ion Ratio Lower Upper

149 100

91 87.1 61.5 92.3

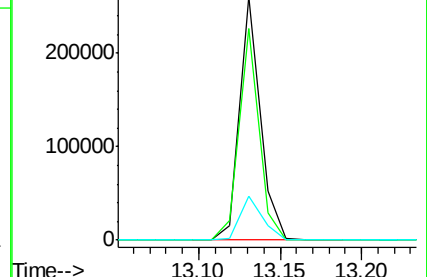
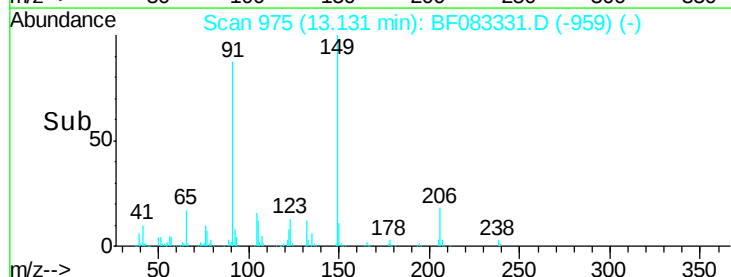
206 17.9 15.3 22.9

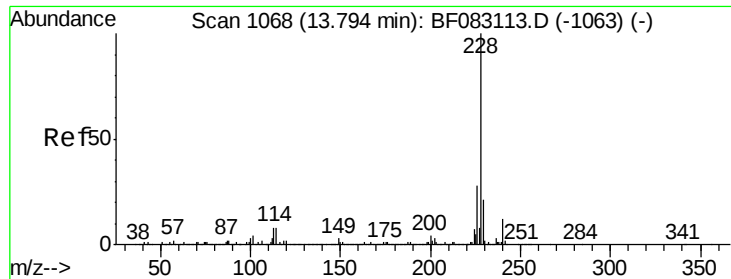


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

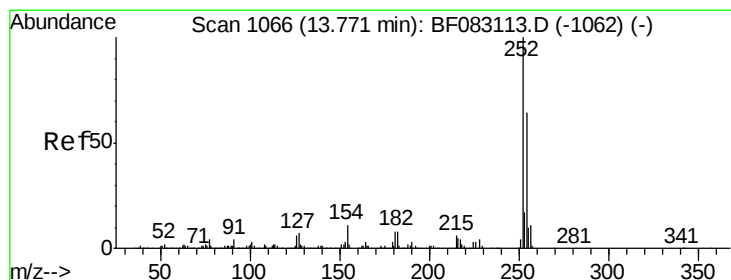
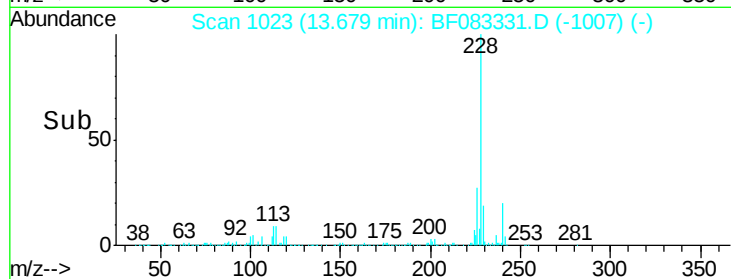
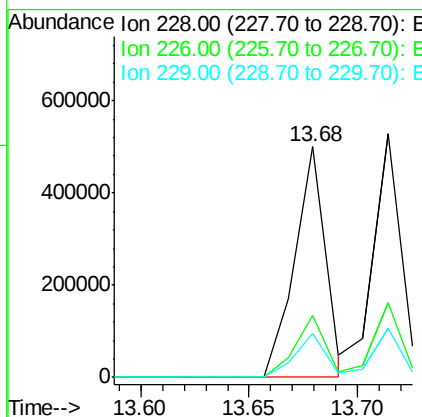
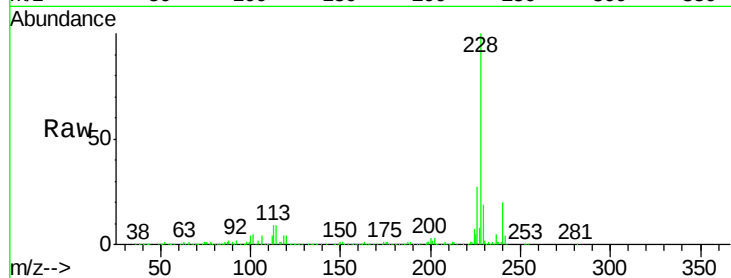




#80
Benzo(a)anthracene
Concen: 26.36 ng
RT: 13.68 min Scan# 1023
Delta R.T. -0.11 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

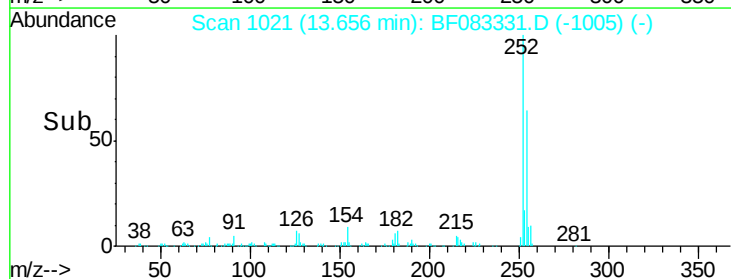
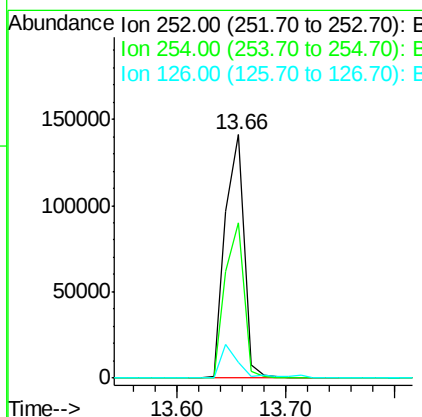
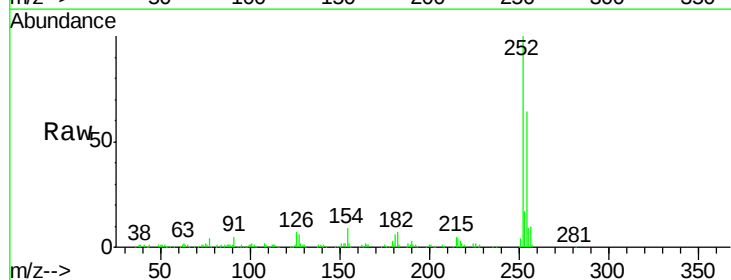
Instrument :
BNA_F
ClientSampleId :

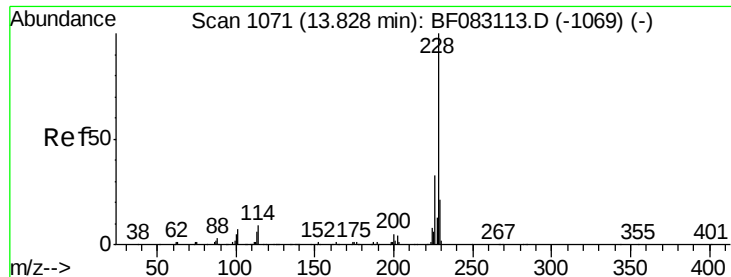
Tot Ion:228 Resp: 495141
Ion Ratio Lower Upper
228 100
226 26.9 22.6 33.8
229 19.1 16.6 24.8



#81
3,3'-Dichlorobenzidine
Concen: 26.25 ng
RT: 13.66 min Scan# 1021
Delta R.T. -0.11 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

Tgt Ion:252 Resp: 171619
Ion Ratio Lower Upper
252 100
254 63.8 51.5 77.3
126 6.6 5.2 7.8





#82

Chrysene

Concen: 23.97 ng

RT: 13.71 min Scan# 1026

Delta R.T. -0.11 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampleId :

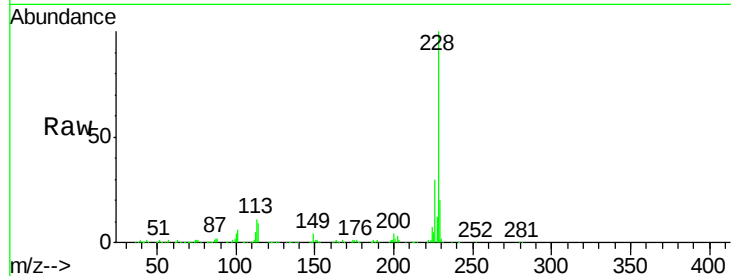
Tot Ion:228 Resp: 417461

Ion Ratio Lower Upper

228 100

226 30.4 25.5 38.3

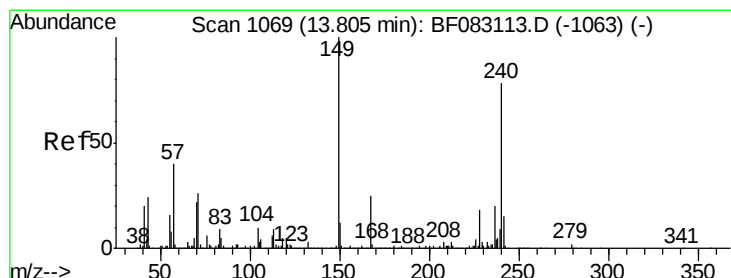
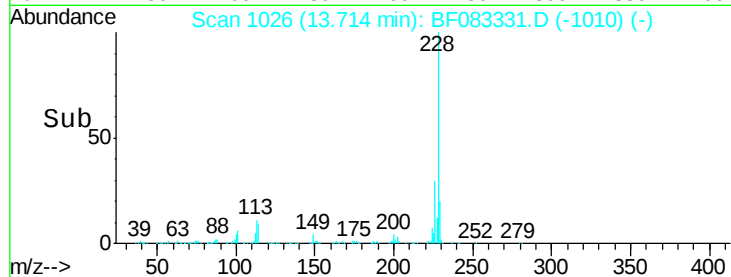
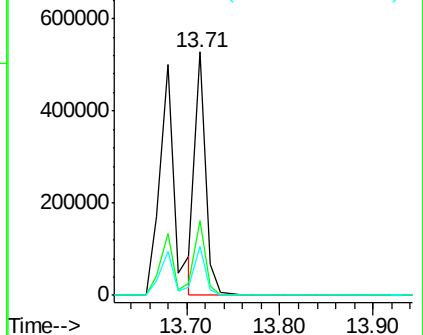
229 20.2 16.6 25.0



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: 24.31 ng

RT: 13.70 min Scan# 1025

Delta R.T. -0.10 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

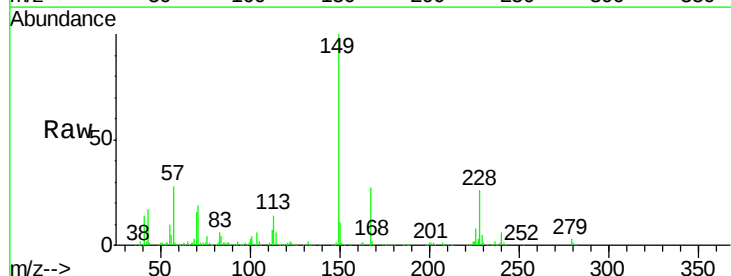
Tgt Ion:149 Resp: 311775

Ion Ratio Lower Upper

149 100

167 27.2 20.1 30.1

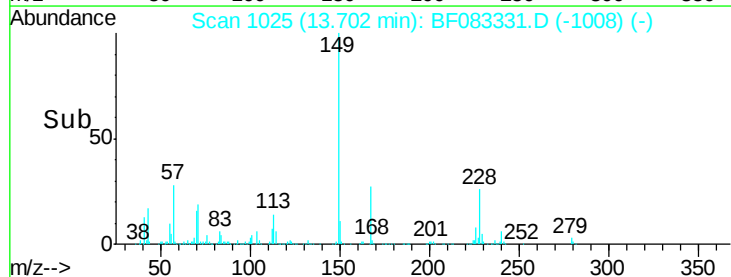
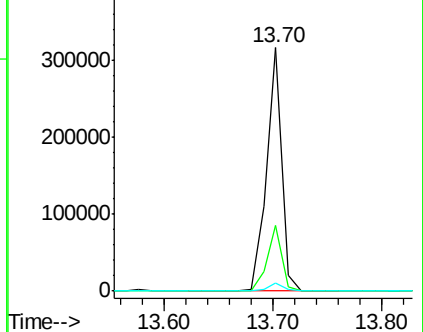
279 3.2 1.7 2.5#

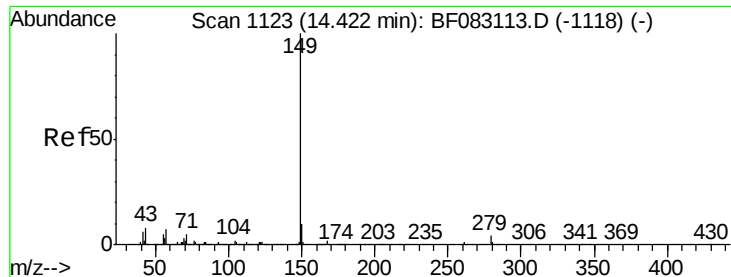


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

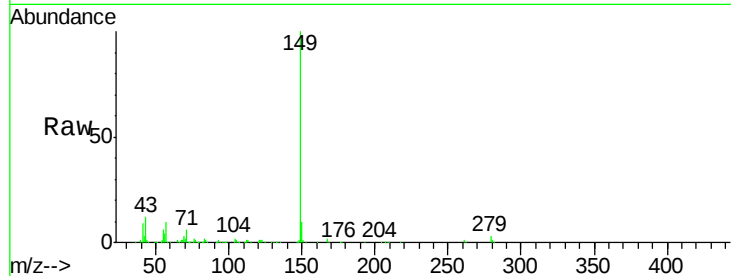




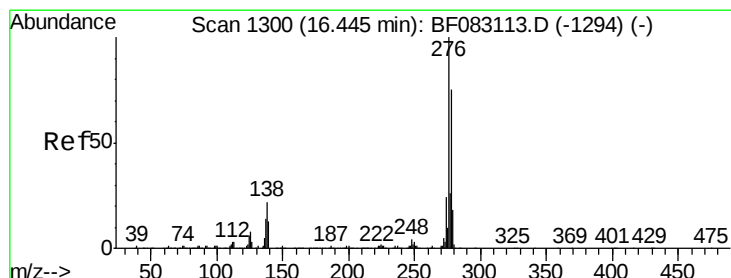
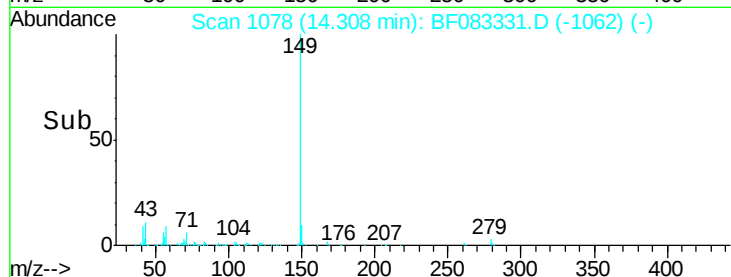
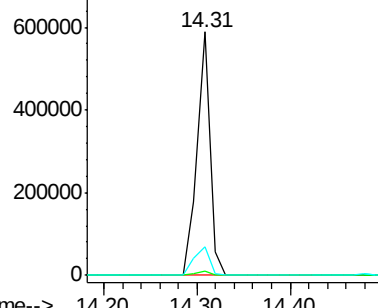
#84
Di-n-octyl phthalate
Concen: 25.74 ng
RT: 14.31 min Scan# 1078
Delta R.T. -0.11 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	13.8	9.5	14.3

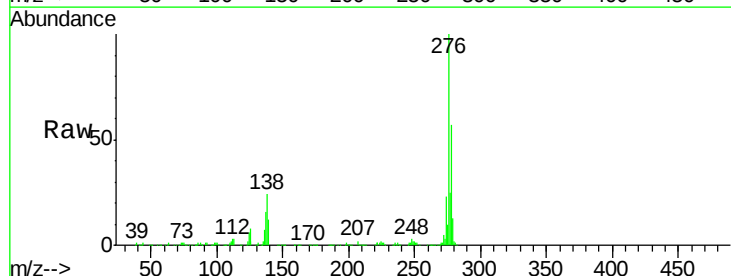


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

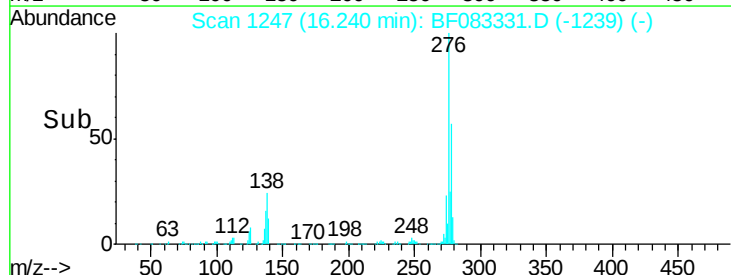
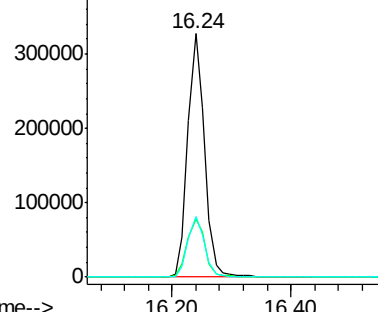


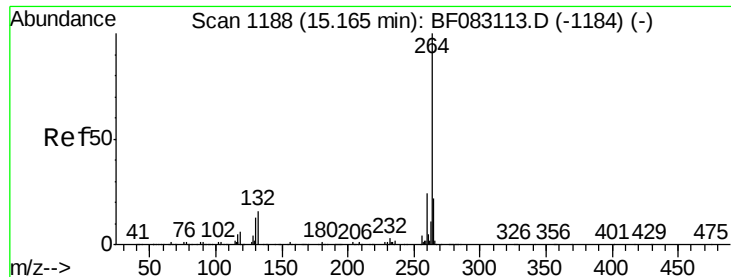
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.69 ng
RT: 16.24 min Scan# 1247
Delta R.T. -0.21 min
Lab File: BF083331.D
Acq: 27 Nov 2015 16:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	18.0	27.0
277	25.1	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: 15.03 min Scan# 1141

Delta R.T. -0.14 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampleId :

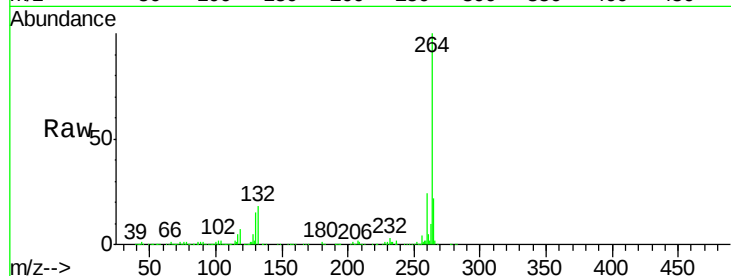
Tot Ion:264 Resp: 327557

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

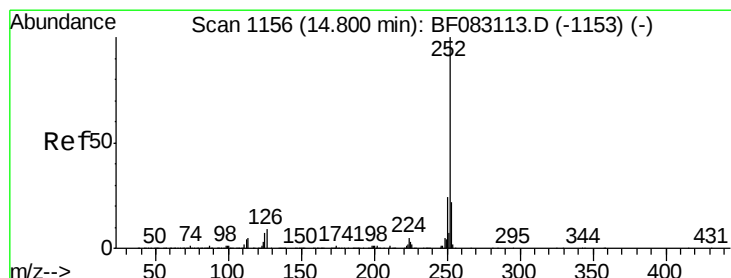
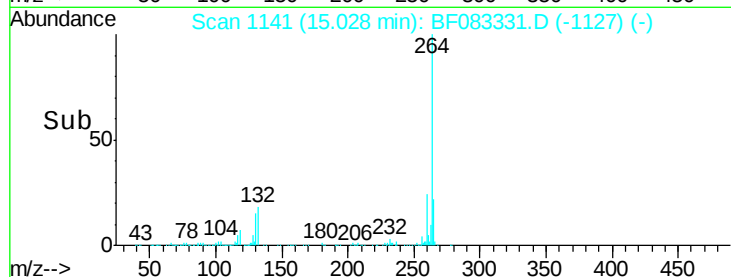
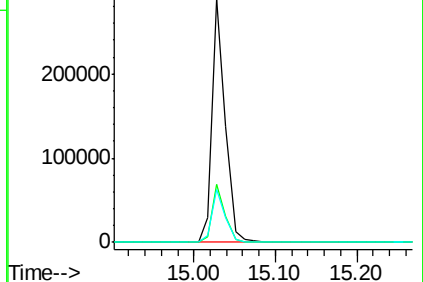
265 22.0 18.2 27.4



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



#87

Benzo(b)fluoranthene

Concen: 42.23 ng

RT: 14.67 min Scan# 1110

Delta R.T. -0.13 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

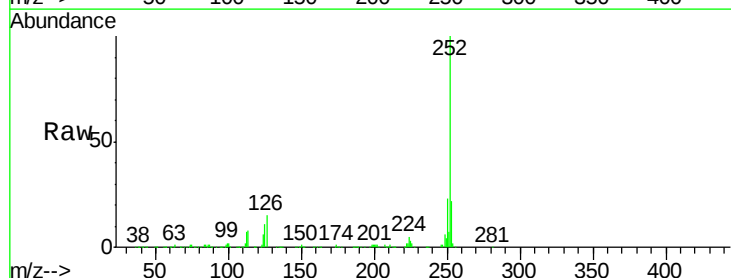
Tgt Ion:252 Resp: 945231

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

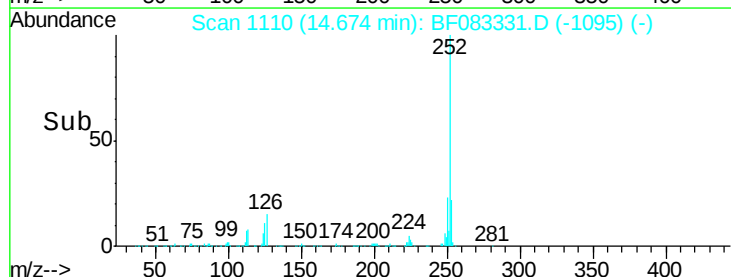
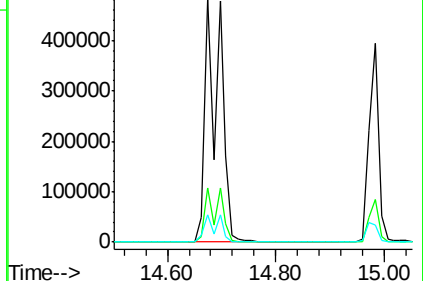
125 11.1 5.6 8.4#

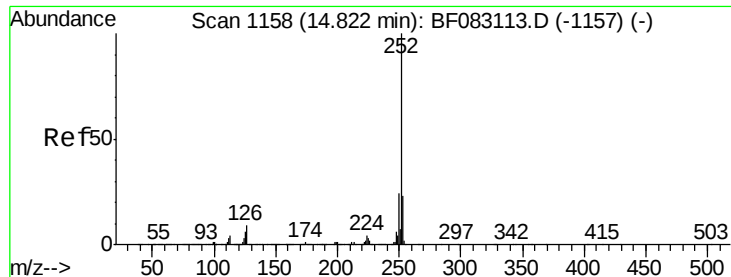


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 56.69 ng

RT: 14.67 min Scan# 1110

Delta R.T. -0.15 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampleId :

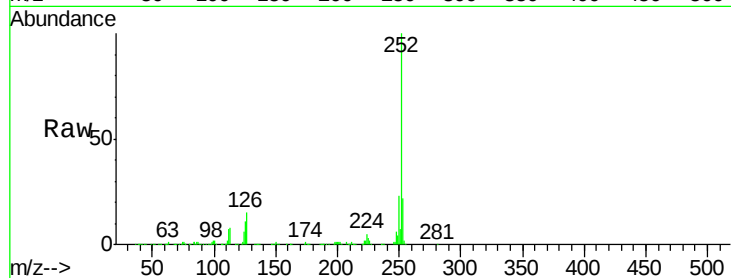
Tot Ion:252 Resp: 945243

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

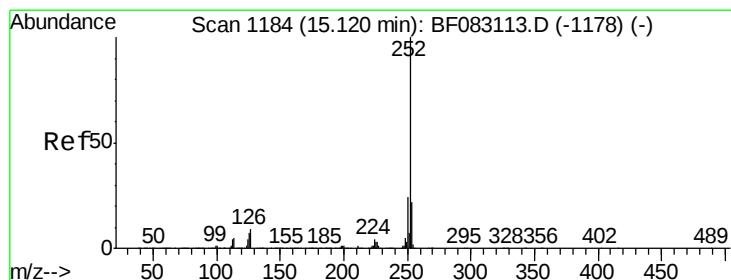
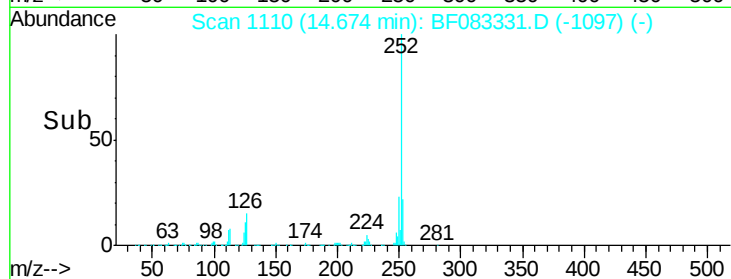
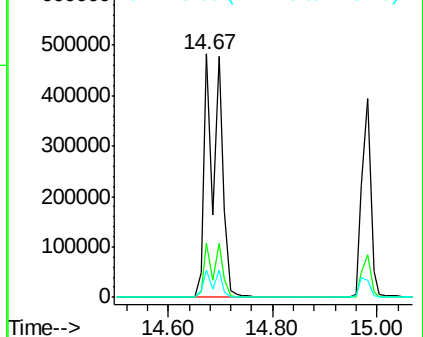
125 11.1 6.8 10.2#



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: 25.77 ng

RT: 14.98 min Scan# 1137

Delta R.T. -0.14 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

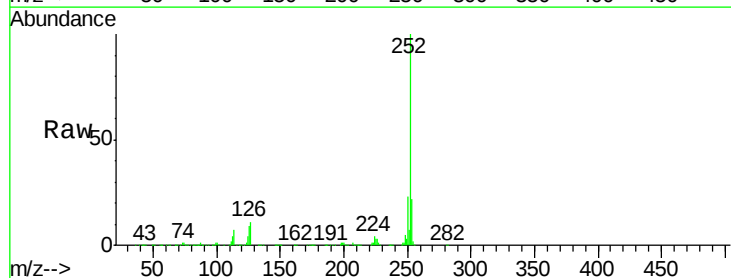
Tgt Ion:252 Resp: 476231

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

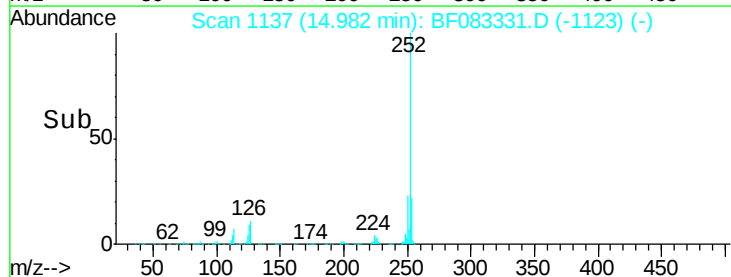
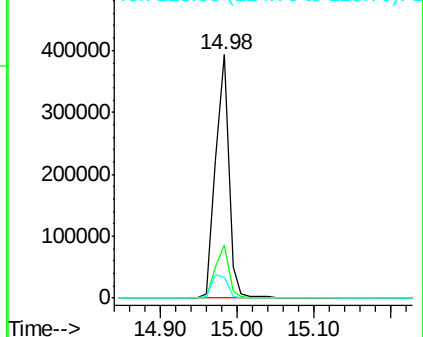
125 8.7 5.4 8.0#

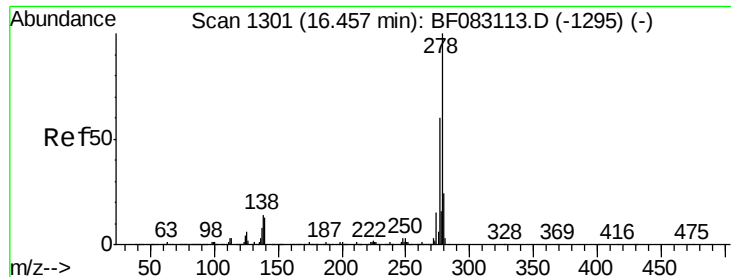


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 32.34 ng

RT: 16.25 min Scan# 1248

Delta R.T. -0.21 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

Instrument :

BNA_F

ClientSampleId :

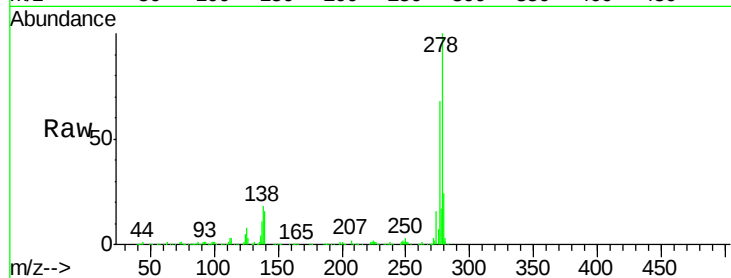
Tot Ion:278 Resp: 542804

Ion	Ratio	Lower	Upper
278	100		
139	15.5	10.7	16.1
279	24.0	19.3	28.9

278 100

139 15.5 10.7 16.1

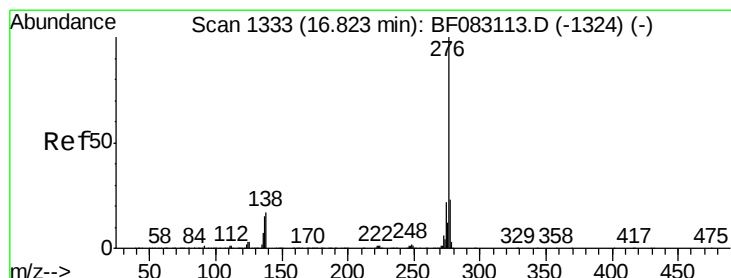
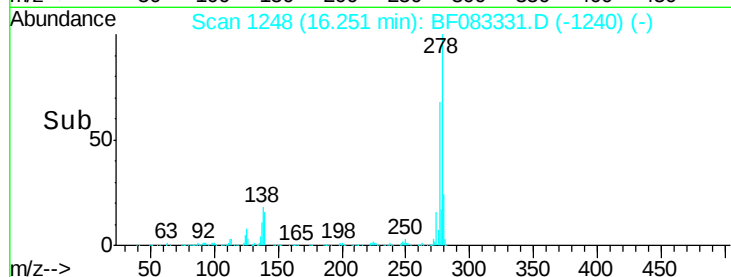
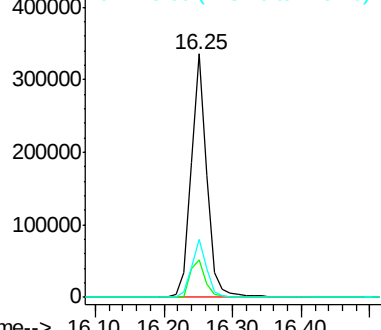
279 24.0 19.3 28.9



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: 32.61 ng

RT: 16.59 min Scan# 1278

Delta R.T. -0.23 min

Lab File: BF083331.D

Acq: 27 Nov 2015 16:07

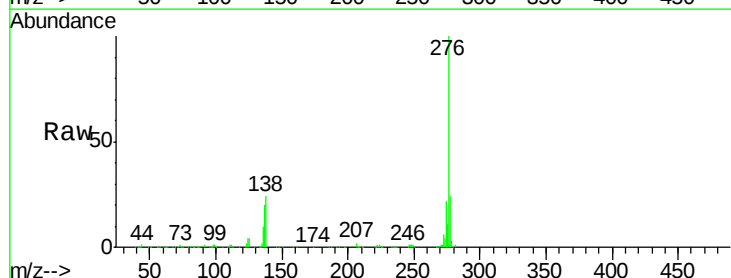
Tgt Ion:276 Resp: 534386

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.7	28.1
138	23.7	13.9	20.9

276 100

277 24.0 18.7 28.1

138 23.7 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

