

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112115\
 Data File : BF083131.D
 Acq On : 22 Nov 2015 1:35
 Operator : UM/IZ
 Sample : PB86744BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BS

Quant Time: Nov 22 02:30:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 01:05:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	201184	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	756620	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	379909	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	700849	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	628481	20.00	ng	-0.01
86) Perylene-d12	15.15	264	555266	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1444683	54.28	ng	0.00
7) Phenol-d6	6.33	99	1887300	54.81	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1190084	35.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	391578	50.37	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	1896888	34.81	ng	0.00
78) Terphenyl-d14	12.75	244	1934138	36.23	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.24	88	205345	31.15	ng	95
3) Pyridine	2.97	79	563025	32.34	ng	100
4) n-Nitrosodimethylamine	2.86	42	287803	35.84	ng	98
6) Aniline	6.33	93	513322	24.39	ng	# 47
8) 2-Chlorophenol	6.44	128	499693	34.76	ng	98
9) Benzaldehyde	6.20	77	349487	40.70	ng	90
10) Phenol	6.34	94	740057	35.53	ng	# 75
11) bis(2-Chloroethyl)ether	6.40	93	523730	35.21	ng	97
12) 1,3-Dichlorobenzene	6.82	146	475091	28.94	ng	98
13) 1,4-Dichlorobenzene	6.67	146	571349	34.41	ng	93
14) 1,2-Dichlorobenzene	6.82	146	487379	32.29	ng	95
15) Benzyl Alcohol	6.82	79	491564	34.17	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	853294	36.79	ng	85
17) 2-Methylphenol	6.95	107	426473	35.85	ng	95
18) Hexachloroethane	7.16	117	196001	33.51	ng	# 87
19) n-Nitroso-di-n-propylamine	7.10	70	406412	33.92	ng	# 85
20) 3+4-Methylphenols	7.10	107	558729	37.15	ng	92
22) Acetophenone	7.08	105	718214	33.06	ng	# 93
24) Nitrobenzene	7.24	77	603232	34.10	ng	100
25) Isophorone	7.50	82	1068843	34.09	ng	98
26) 2-Nitrophenol	7.56	139	273313	34.99	ng	95
27) 2,4-Dimethylphenol	7.62	122	453563	36.39	ng	96
28) bis(2-Chloroethoxy)methane	7.71	93	659597	36.19	ng	99
29) 2,4-Dichlorophenol	7.82	162	449204	37.89	ng	98
30) 1,2,4-Trichlorobenzene	7.88	180	438027	33.63	ng	95
31) Naphthalene	7.96	128	1437835	35.21	ng	99
32) Benzoic acid	7.78	122	335959	34.67	ng	98
33) 4-Chloroaniline	8.02	127	235762	14.88	ng	98
34) Hexachlorobutadiene	8.09	225	265435	34.49	ng	99
35) Caprolactam	8.42	113	91789	24.16	ng	95
36) 4-Chloro-3-methylphenol	8.52	107	479207	34.89	ng	87
37) 2-Methylnaphthalene	8.65	142	923999	34.87	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	407105	33.06	ng	97
40) Hexachlorocyclopentadiene	8.81	237	458020	65.42	ng	99

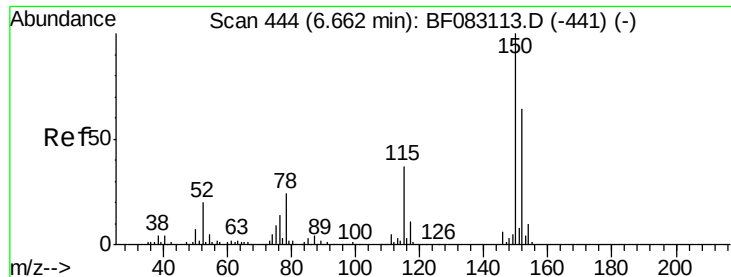
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112115\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	314794	35.70	ng	99
43) 2,4,5-Trichlorophenol	8.99	196	313156	34.73	ng	98
45) 1,1'-Biphenyl	9.12	154	1077601	33.33	ng	97
46) 2-Chloronaphthalene	9.14	162	908488	35.77	ng	96
47) 2-Nitroaniline	9.24	65	314250	34.98	ng	97
48) Acenaphthylene	9.55	152	1404516	35.68	ng	99
49) Dimethylphthalate	9.44	163	1089146	37.24	ng	99
50) 2,6-Dinitrotoluene	9.48	165	220385	33.58	ng	98
51) Acenaphthene	9.72	154	829109	34.61	ng	99
52) 3-Nitroaniline	9.66	138	122599	17.52	ng	# 64
53) 2,4-Dinitrophenol	9.76	184	257770	68.17	ng	# 86
54) Dibenzofuran	9.90	168	1168374	34.49	ng	96
55) 4-Nitrophenol	9.85	139	368724	68.72	ng	96
56) 2,4-Dinitrotoluene	9.88	165	293410	35.28	ng	91
57) Fluorene	10.24	166	1000748	35.75	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	272997	36.91	ng	100
59) Diethylphthalate	10.14	149	1052883	36.16	ng	99
60) 4-Chlorophenyl-phenylether	10.24	204	455600	35.54	ng	# 81
61) 4-Nitroaniline	10.27	138	220100	31.95	ng	91
62) Azobenzene	10.39	77	1222143	36.78	ng	97
64) 4,6-Dinitro-2-methylphenol	10.30	198	183609	38.02	ng	90
65) n-Nitrosodiphenylamine	10.35	169	814962	34.19	ng	99
66) 4-Bromophenyl-phenylether	10.72	248	285690	36.73	ng	# 89
67) Hexachlorobenzene	10.79	284	307792	35.94	ng	# 77
68) Atrazine	10.89	200	267591	38.66	ng	98
69) Pentachlorophenol	10.98	266	371105	66.52	ng	99
70) Phenanthrene	11.19	178	1393162	34.50	ng	99
71) Anthracene	11.24	178	1557492	37.81	ng	99
72) Carbazole	11.40	167	1346054	36.76	ng	99
73) Di-n-butylphthalate	11.75	149	1635647	36.60	ng	99
74) Fluoranthene	12.38	202	1541812	37.31	ng	94
76) Benzidine	12.50	184	677249	41.11	ng	99
77) Pyrene	12.59	202	1513166	35.24	ng	99
79) Butylbenzylphthalate	13.23	149	722937	35.58	ng	98
80) Benzo(a)anthracene	13.78	228	1433663	36.88	ng	99
81) 3,3'-Dichlorobenzidine	13.76	252	331452	24.50	ng	100
82) Chrysene	13.82	228	1152426	31.97	ng	98
83) Bis(2-ethylhexyl)phthalate	13.79	149	943775	35.56	ng	99
84) Di-n-octyl phthalate	14.41	149	1636294	35.81	ng	99
85) Indeno(1,2,3-cd)pyrene	16.42	276	1162288	35.45	ng	97
87) Benzo(b)fluoranthene	14.81	252	2383962	62.84	ng	# 98
88) Benzo(k)fluoranthene	14.81	252	2383962	84.34	ng	99
89) Benzo(a)pyrene	15.11	252	1142605	36.48	ng	99
90) Dibenzo(a,h)anthracene	16.43	278	991053	34.83	ng	98
91) Benzo(g,h,i)perylene	16.80	276	945916	34.05	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

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PB86744BS

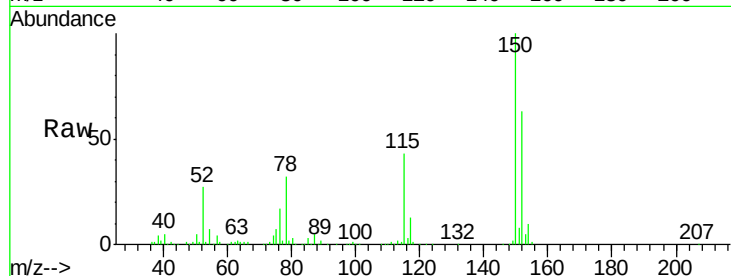
Tgt Ion:152 Resp: 201184

Ion Ratio Lower Upper

152 100

150 159.7 125.8 188.8

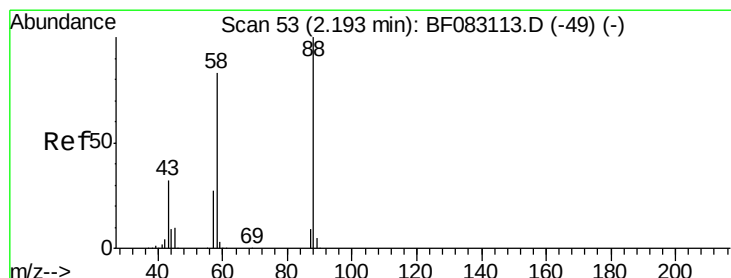
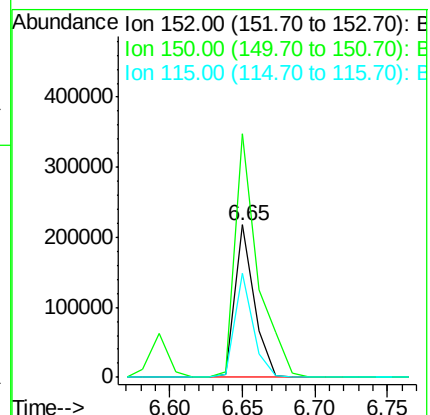
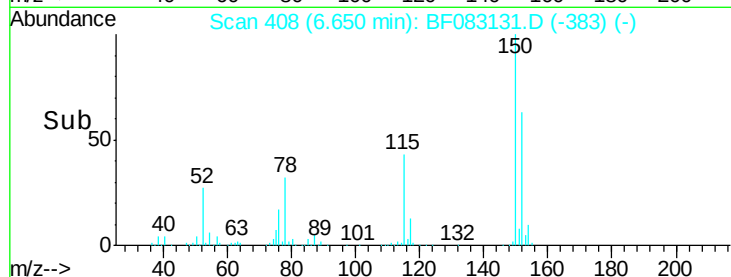
115 68.5 46.9 70.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.15 ng

RT: 2.24 min Scan# 22

Delta R.T. 0.05 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

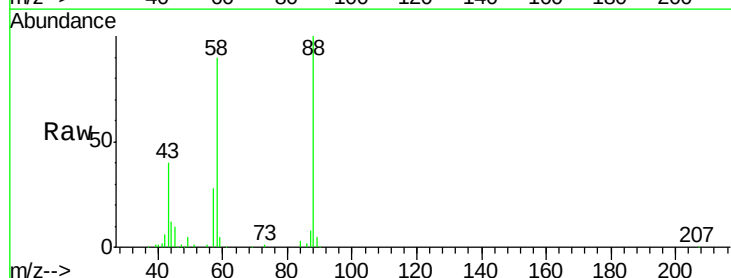
Tgt Ion: 88 Resp: 205345

Ion Ratio Lower Upper

88 100

58 85.4 65.0 97.6

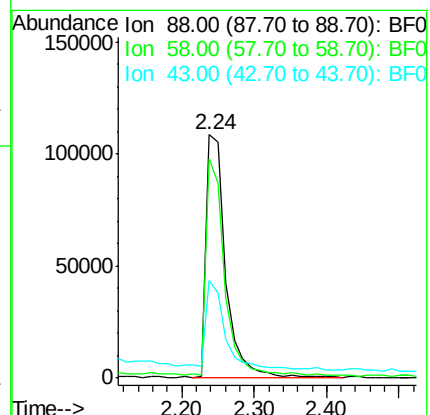
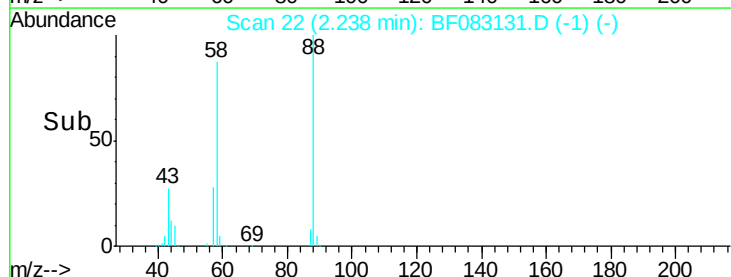
43 34.0 24.7 37.1

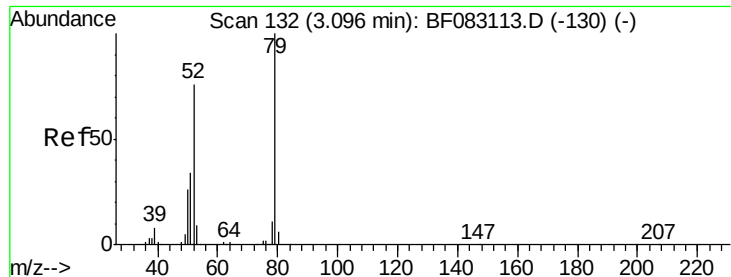


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 32.34 ng

RT: 2.97 min Scan# 86

Delta R.T. -0.13 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

PB86744BS

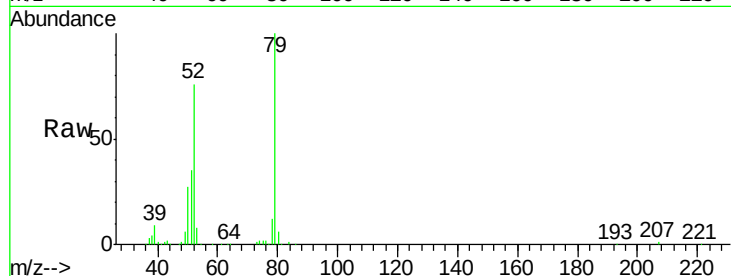
Tgt Ion: 79 Resp: 563025

Ion Ratio Lower Upper

79 100

52 76.3 60.7 91.1

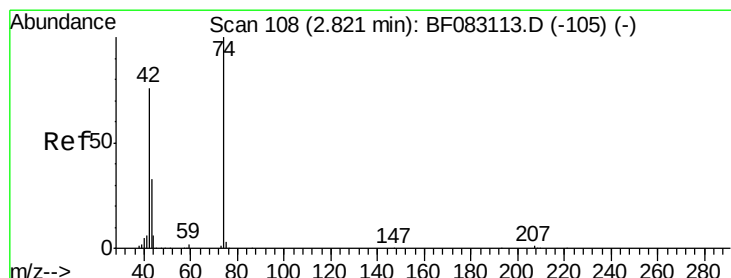
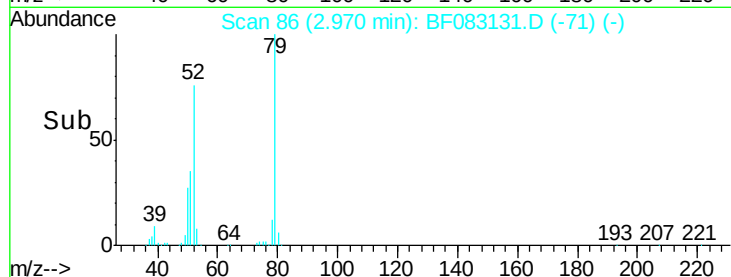
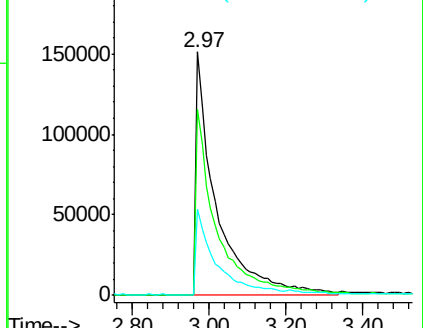
51 35.2 27.9 41.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.84 ng

RT: 2.86 min Scan# 76

Delta R.T. 0.03 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

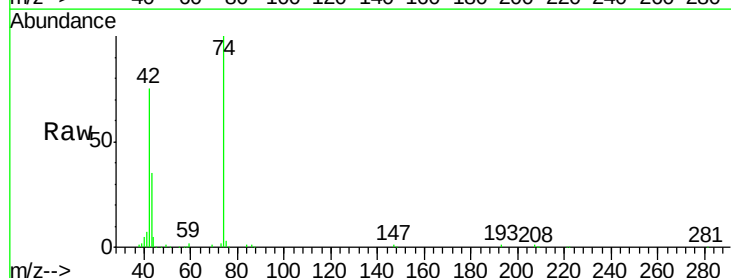
Tgt Ion: 42 Resp: 287803

Ion Ratio Lower Upper

42 100

74 133.1 104.8 157.2

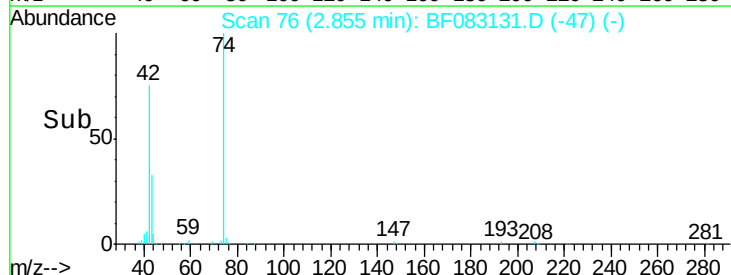
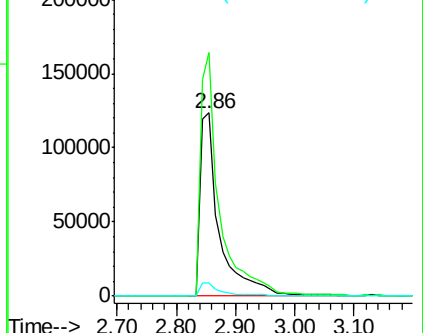
44 7.2 6.2 9.4

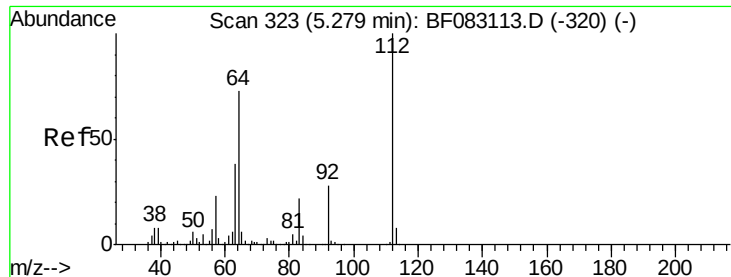


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 54.28 ng

RT: 5.28 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

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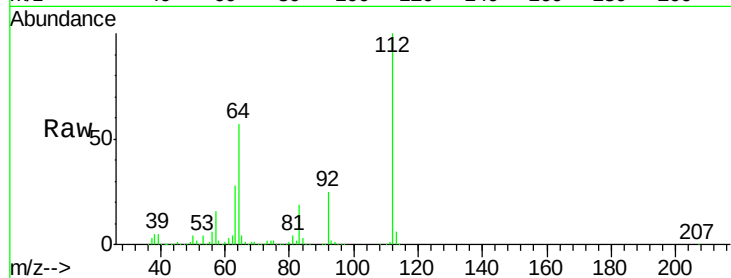
Tgt Ion:112 Resp: 1444683

Ion Ratio Lower Upper

112 100

64 56.5 58.4 87.6#

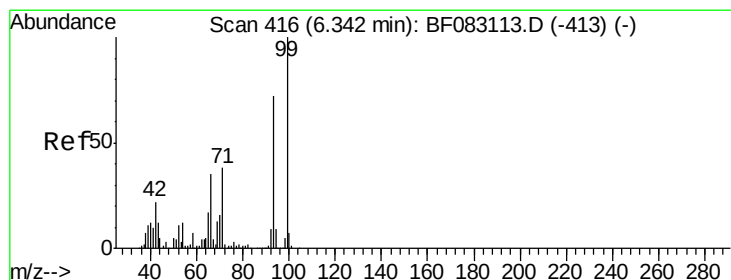
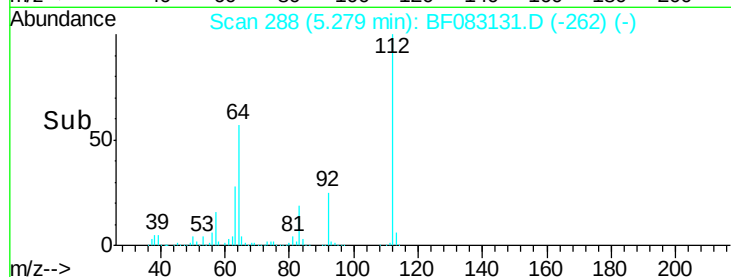
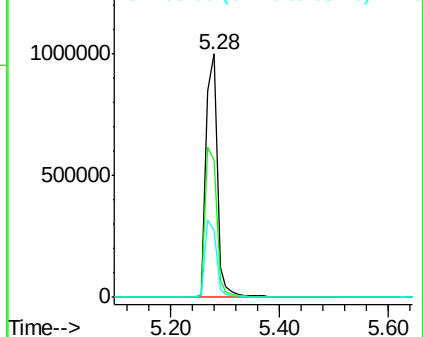
63 27.6 30.0 45.0#



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: 24.39 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

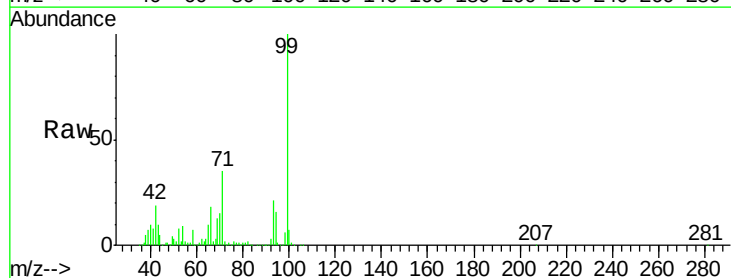
Tgt Ion: 93 Resp: 513322

Ion Ratio Lower Upper

93 100

66 86.8 38.7 58.1#

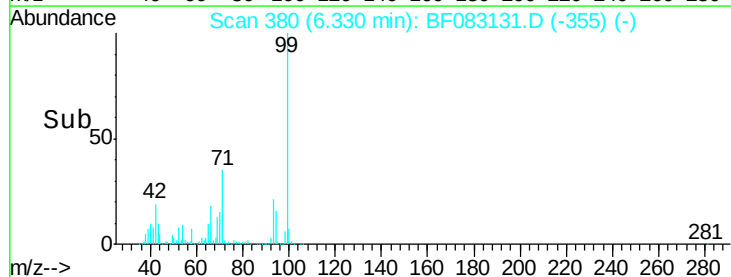
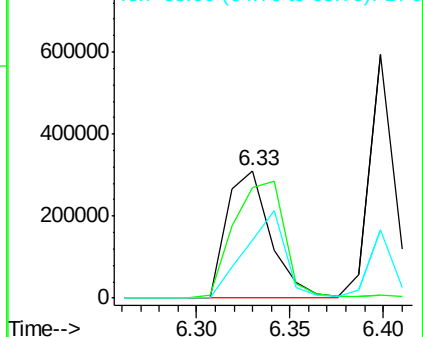
65 45.8 18.6 27.8#

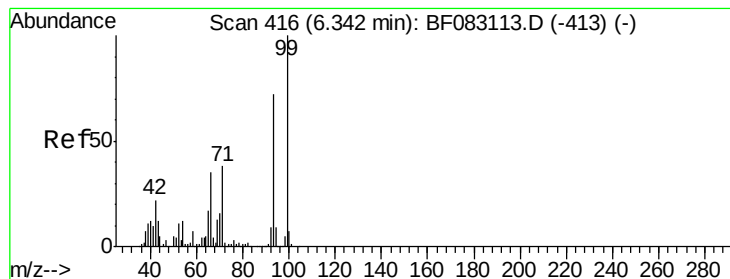


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 54.81 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.01 min

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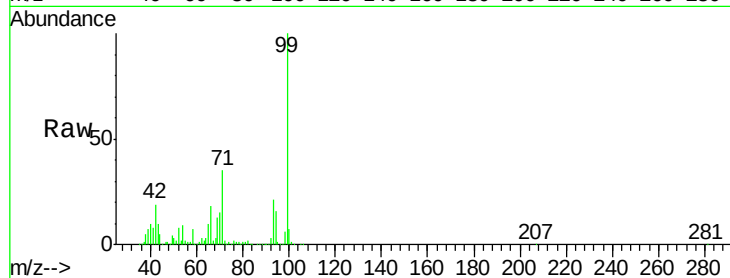
Tgt Ion: 99 Resp: 1887300

Ion Ratio Lower Upper

99 100

42 19.2 17.7 26.5

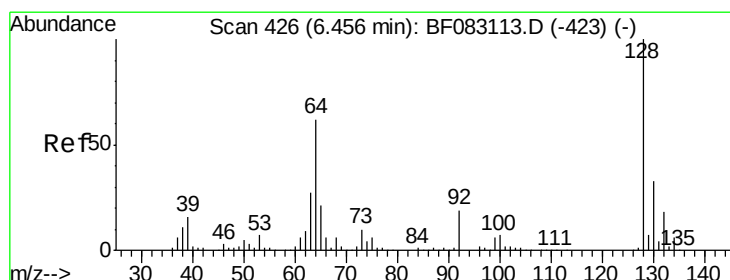
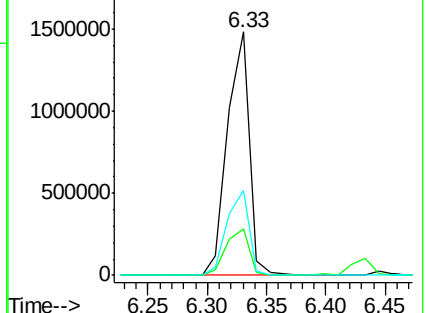
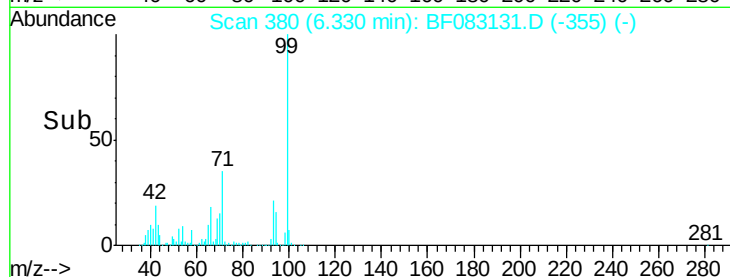
71 34.7 30.2 45.4



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: 34.76 ng

RT: 6.44 min Scan# 390

Delta R.T. -0.01 min

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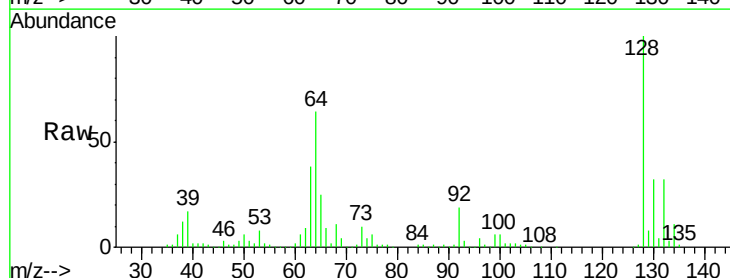
Tgt Ion: 128 Resp: 499693

Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

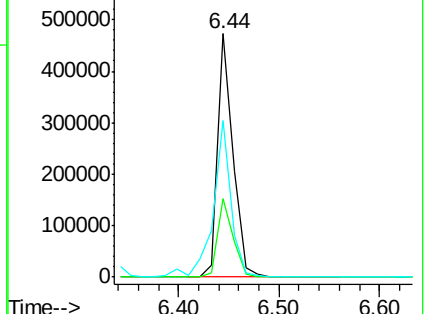
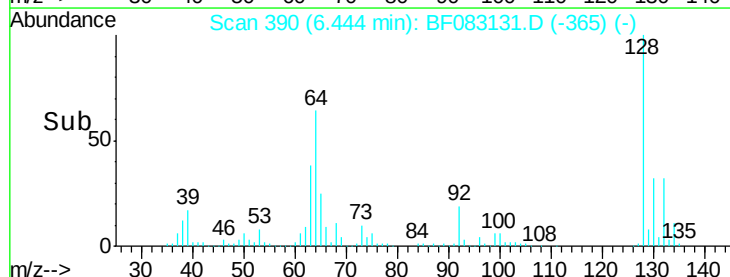
64 64.1 41.9 81.9

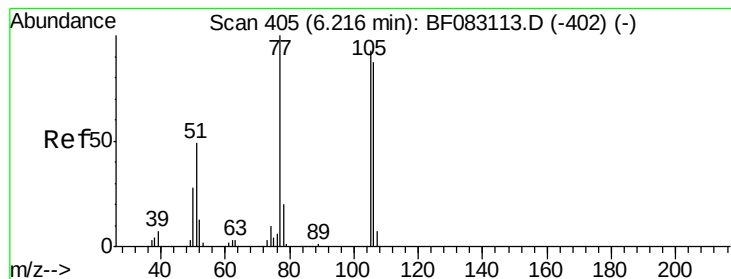


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.70 ng

RT: 6.20 min Scan# 369

Delta R.T. -0.01 min

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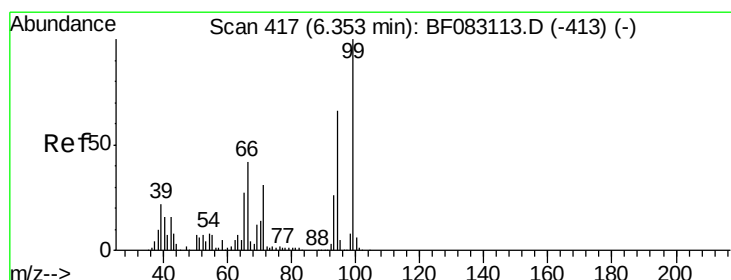
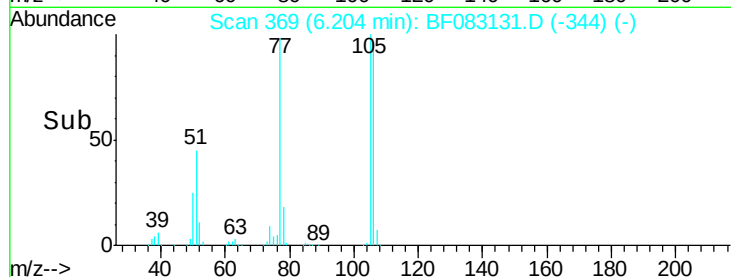
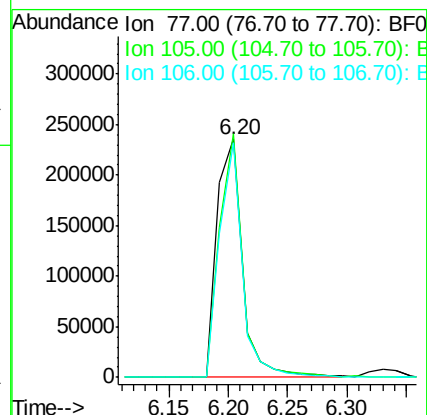
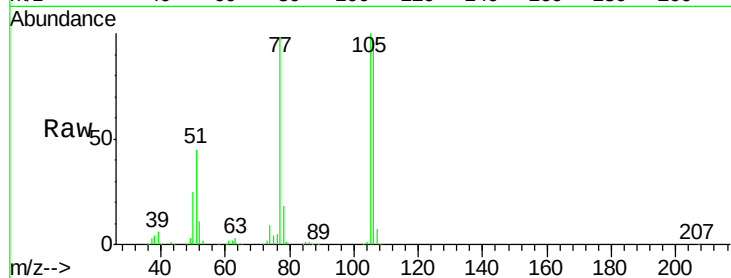
Tgt Ion: 77 Resp: 349487

Ion Ratio Lower Upper

77 100

105 102.3 73.4 113.4

106 98.4 67.5 107.5



#10

Phenol

Concen: 35.53 ng

RT: 6.34 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

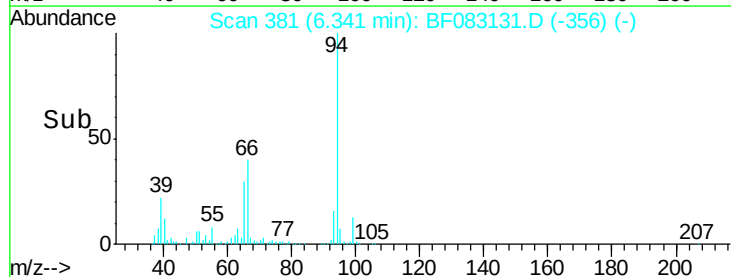
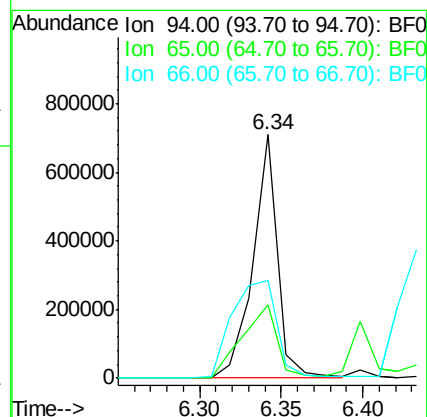
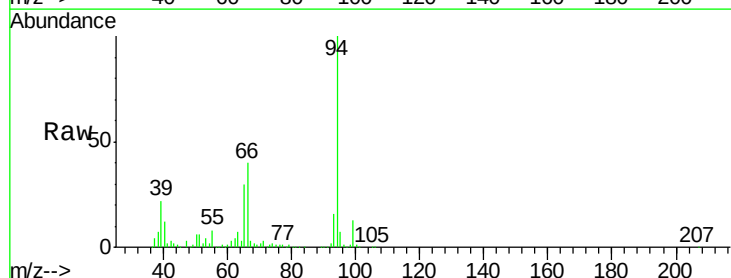
Tgt Ion: 94 Resp: 740057

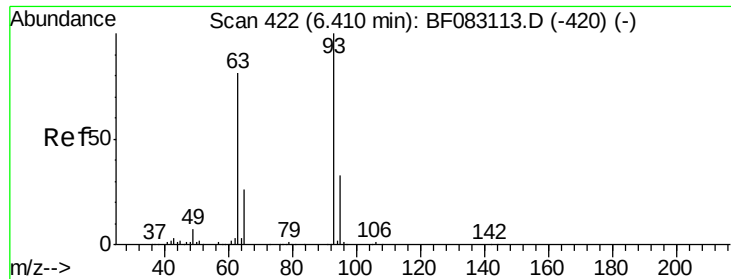
Ion Ratio Lower Upper

94 100

65 30.2 21.1 61.1

66 40.3 43.1 83.1#

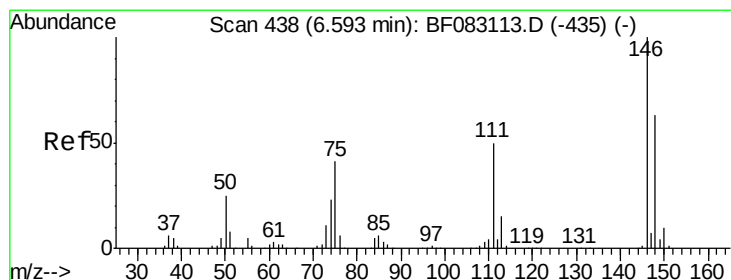
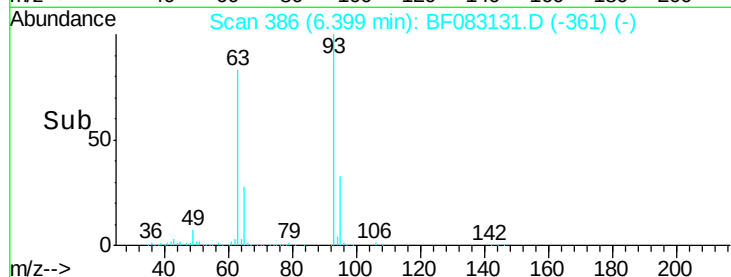
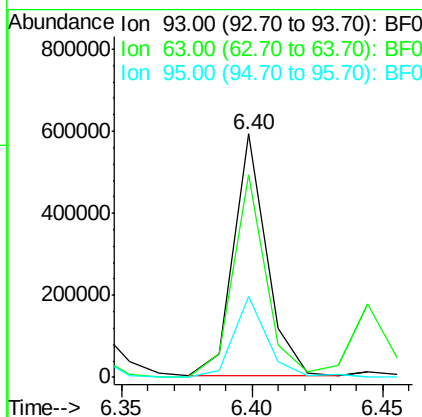
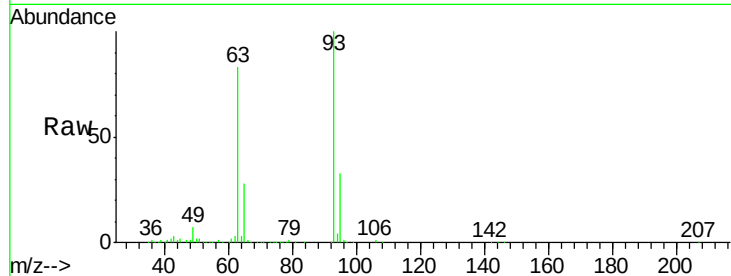




#11
 bis(2-Chloroethyl)ether
 Concen: 35.21 ng
 RT: 6.40 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

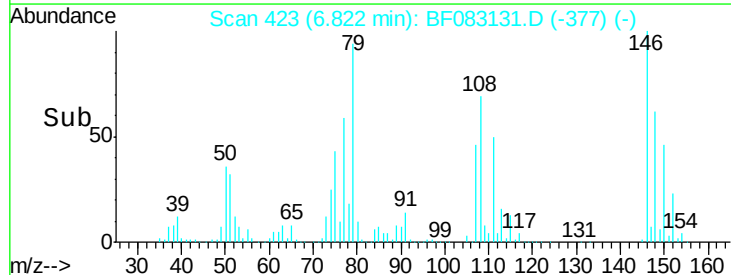
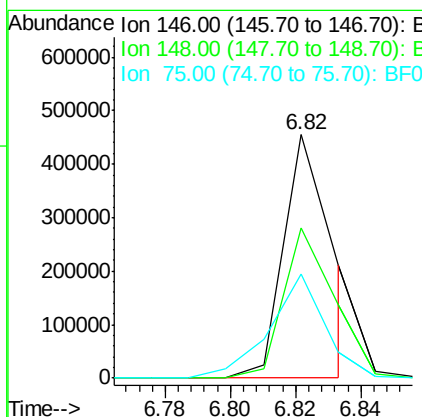
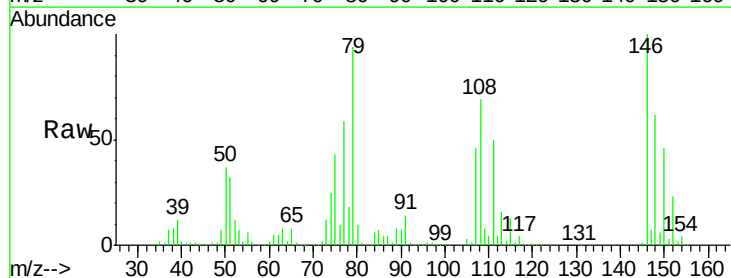
Instrument :
 BNA_F
 ClientSampleId :
 PB86744BS

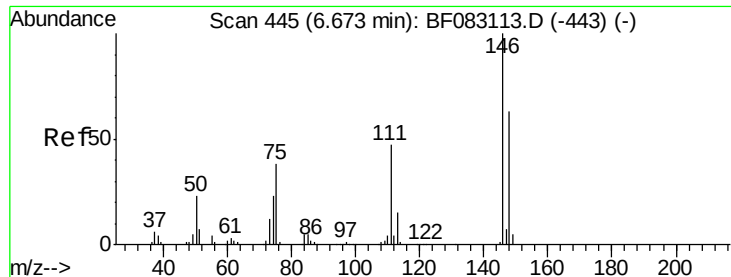
Tgt Ion: 93 Resp: 523730
 Ion Ratio Lower Upper
 93 100
 63 83.5 59.8 99.8
 95 33.4 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 28.94 ng
 RT: 6.82 min Scan# 423
 Delta R.T. 0.23 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Tgt Ion: 146 Resp: 475091
 Ion Ratio Lower Upper
 146 100
 148 61.8 50.2 75.2
 75 42.8 32.7 49.1

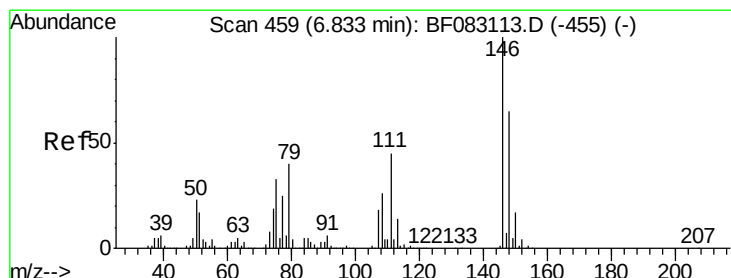
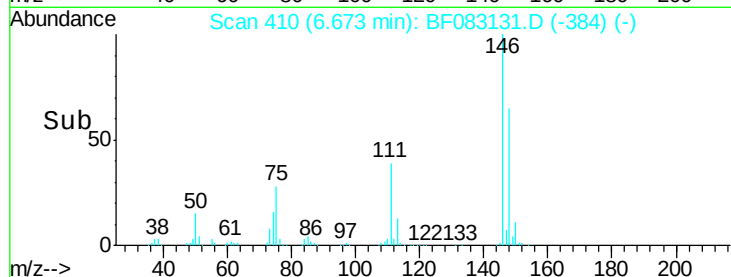
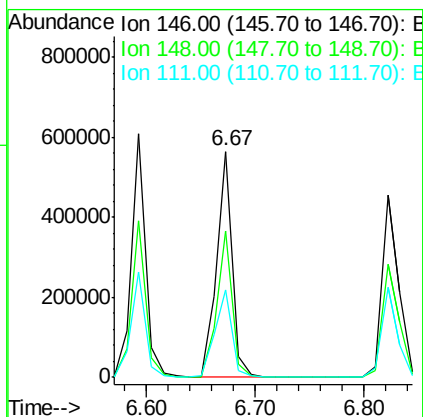
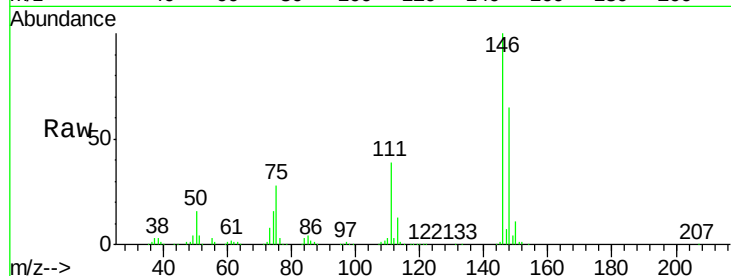




#13
 1,4-Dichlorobenzene
 Concen: 34.41 ng
 RT: 6.67 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

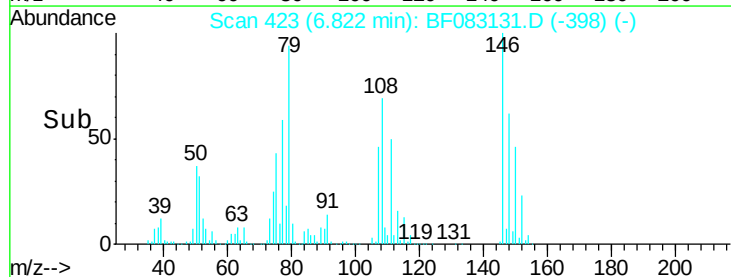
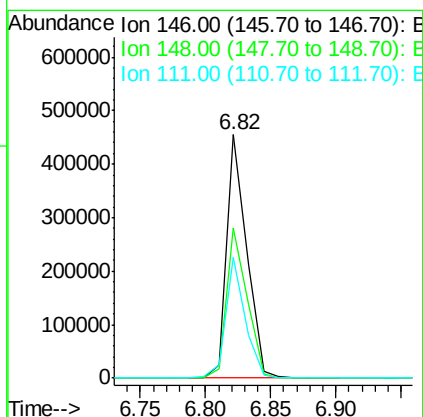
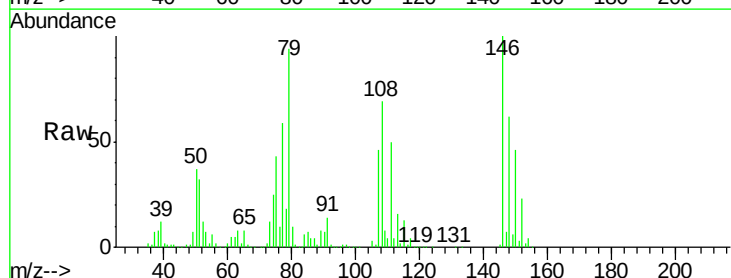
Instrument :
 BNA_F
 ClientSampleId :
 PB86744BS

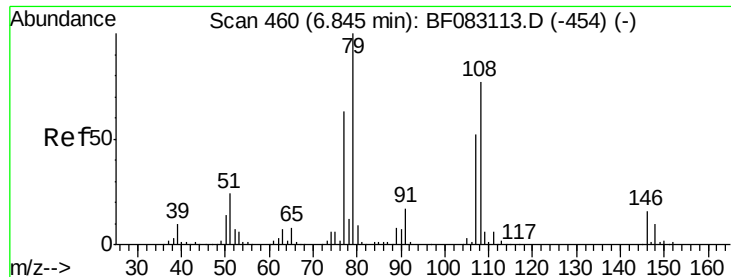
Tgt Ion:146 Resp: 571349
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.2 75.2
 111 38.9 37.5 56.3



#14
 1,2-Dichlorobenzene
 Concen: 32.29 ng
 RT: 6.82 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Tgt Ion:146 Resp: 487379
 Ion Ratio Lower Upper
 146 100
 148 61.8 51.8 77.6
 111 49.5 36.2 54.4

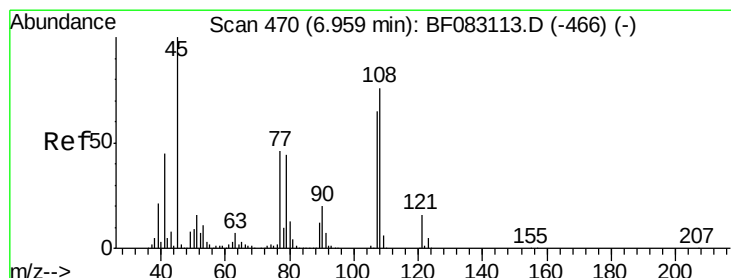
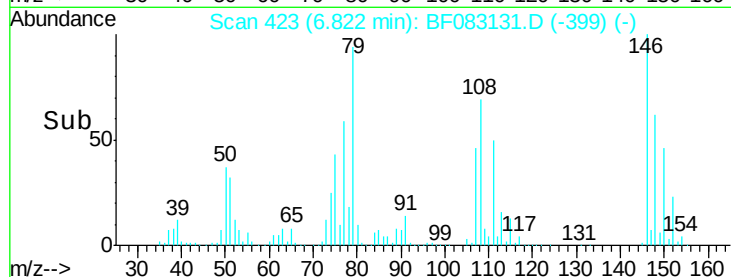
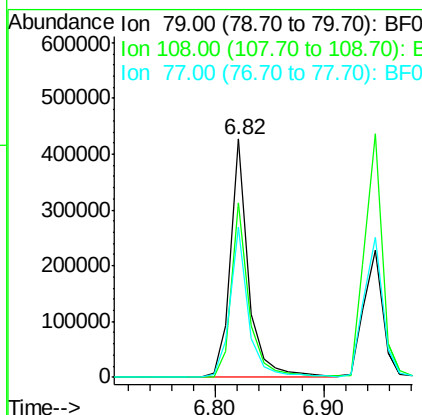
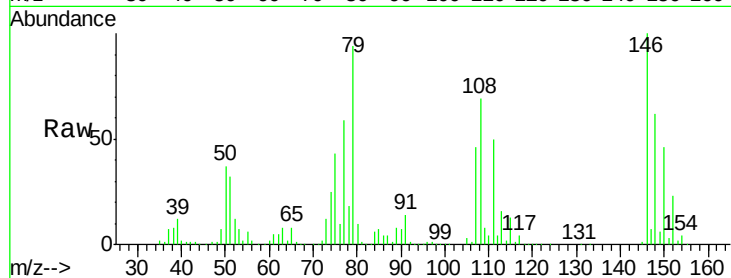




#15
Benzyl Alcohol
Concen: 34.17 ng
RT: 6.82 min Scan# 423
Delta R.T. -0.02 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

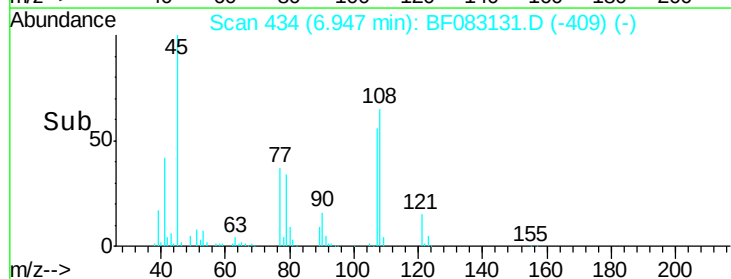
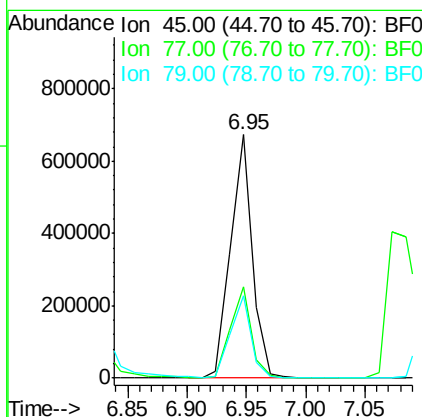
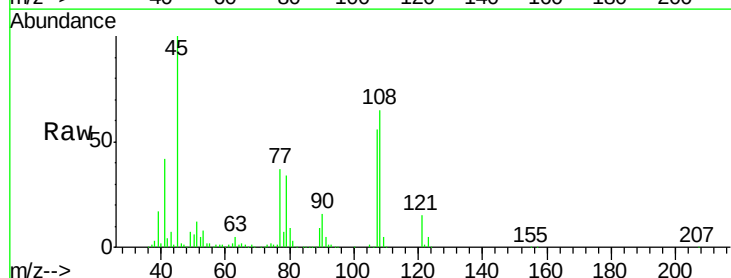
Instrument :
BNA_F
ClientSampleId :
PB86744BS

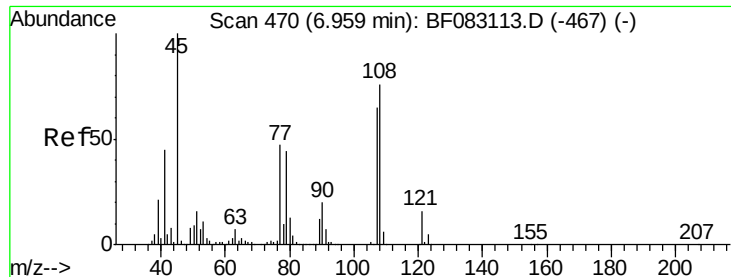
Tgt Ion: 79 Resp: 491564
Ion Ratio Lower Upper
79 100
108 73.2 61.4 92.2
77 63.0 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.79 ng
RT: 6.95 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion: 45 Resp: 853294
Ion Ratio Lower Upper
45 100
77 37.3 26.7 66.7
79 34.0 24.3 64.3





#17

2-Methylphenol

Concen: 35.85 ng

RT: 6.95 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

PB86744BS

Tgt Ion:107 Resp: 426473

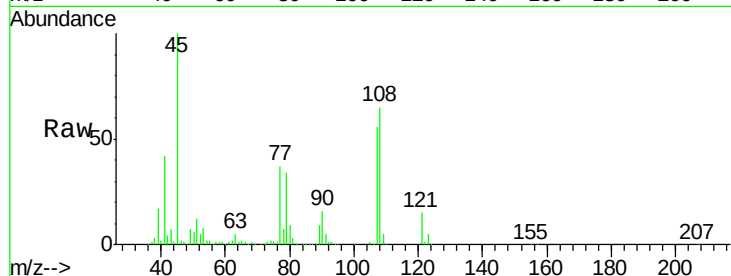
Ion Ratio Lower Upper

107 100

108 115.3 93.8 140.6

77 66.4 57.4 86.0

79 60.4 54.4 81.6

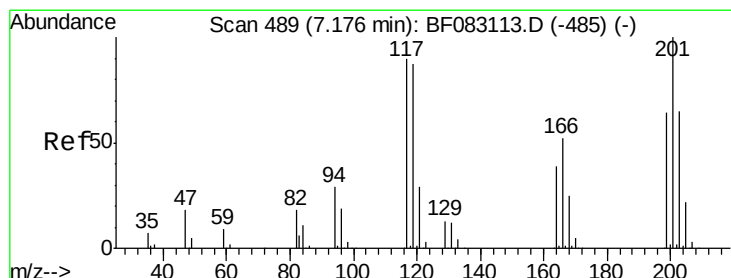
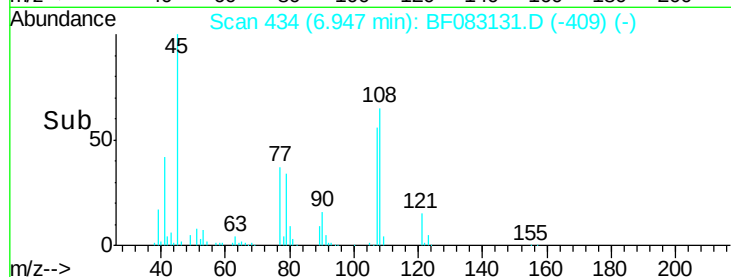
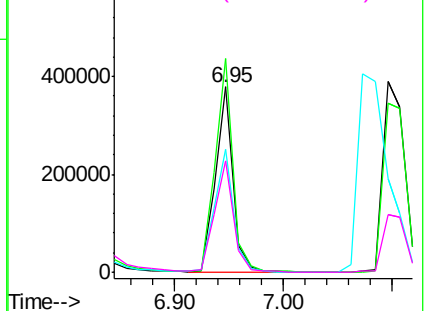


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 33.51 ng

RT: 7.16 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

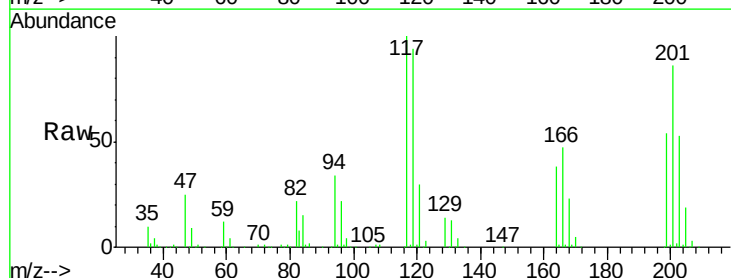
Tgt Ion:117 Resp: 196001

Ion Ratio Lower Upper

117 100

119 94.4 76.8 115.2

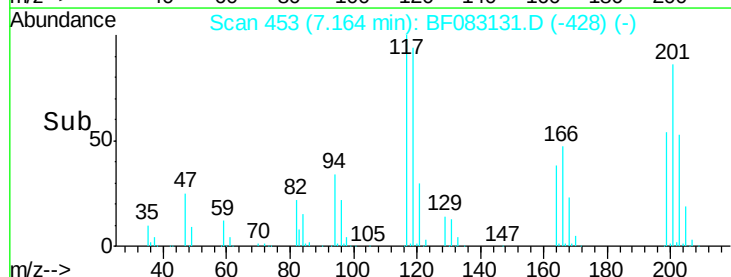
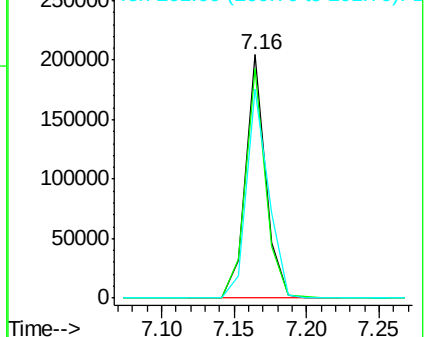
201 86.1 88.6 133.0#

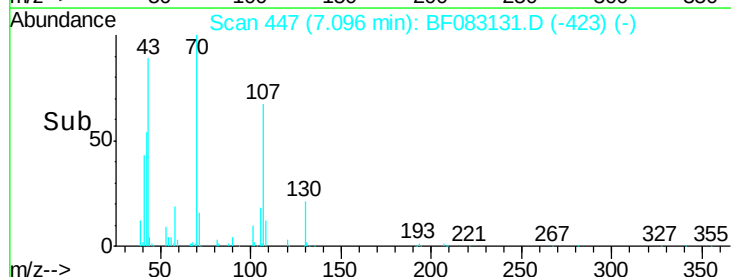
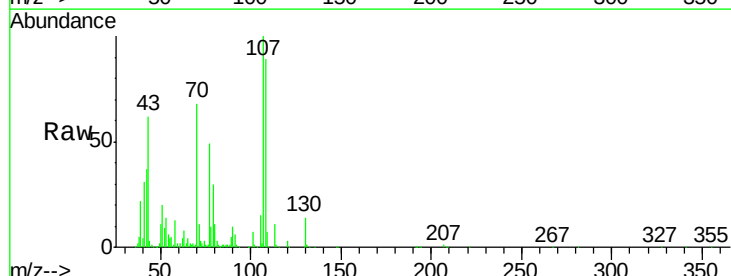
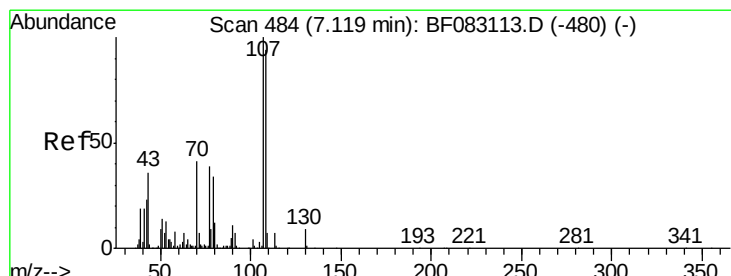
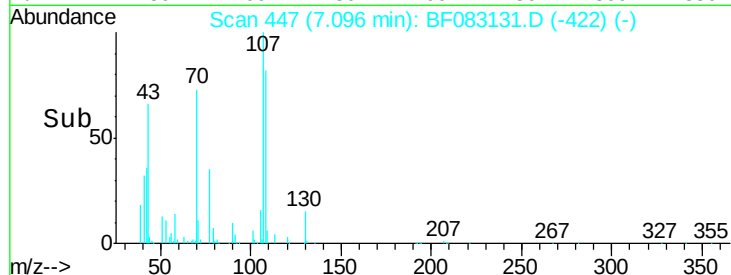
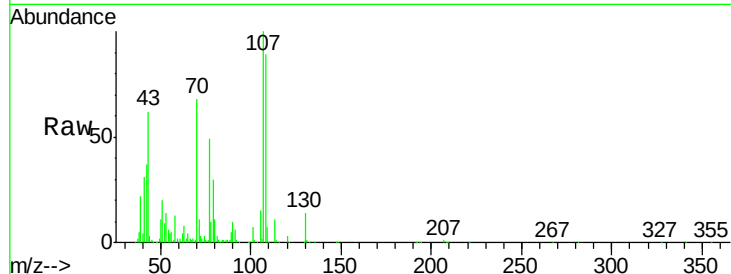
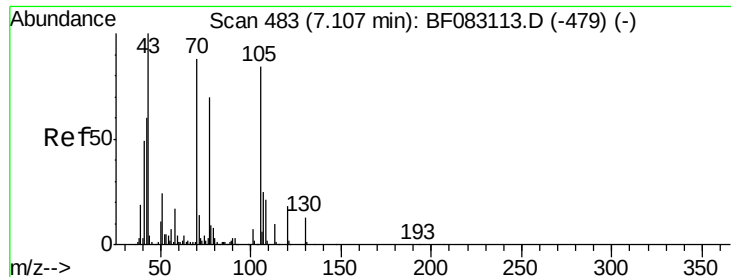


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

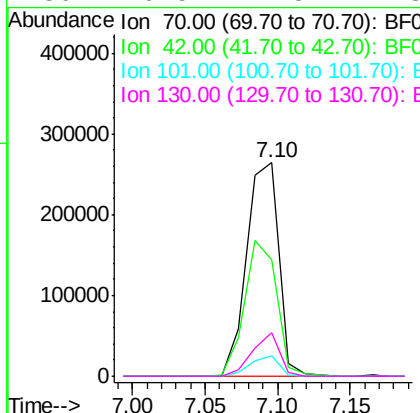




#19
n-Nitroso-di-n-propylamine
Concen: 33.92 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

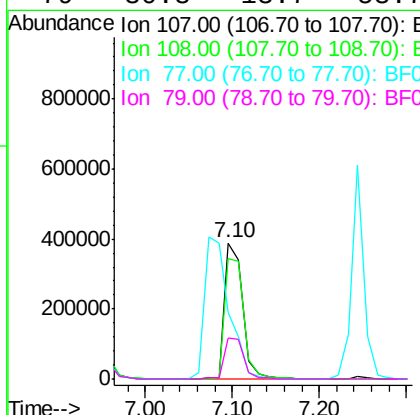
Instrument :
BNA_F
ClientSampleId :
PB86744BS

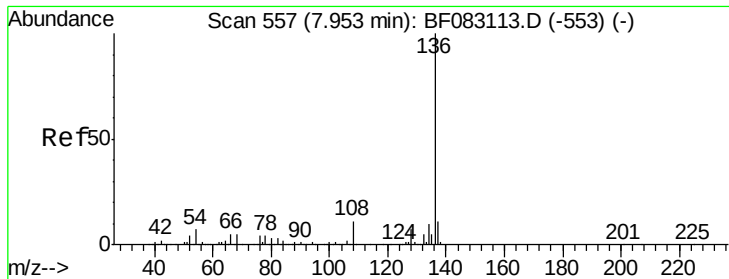
Tgt Ion: 70 Resp: 406412
Ion Ratio Lower Upper
70 100
42 54.4 54.5 81.7#
101 9.8 6.6 9.8
130 20.5 11.5 17.3#



#20
3+4-Methylphenols
Concen: 37.15 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion:107 Resp: 558729
Ion Ratio Lower Upper
107 100
108 88.6 73.8 113.8
77 49.2 19.1 59.1
79 30.3 13.7 53.7

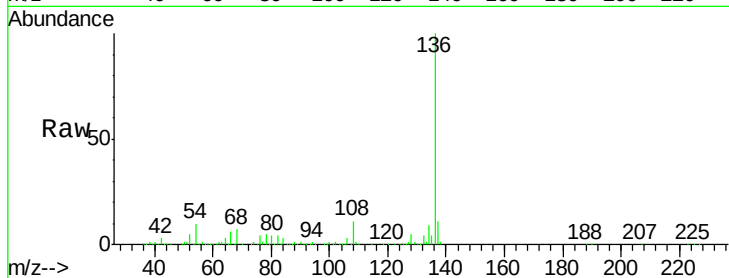




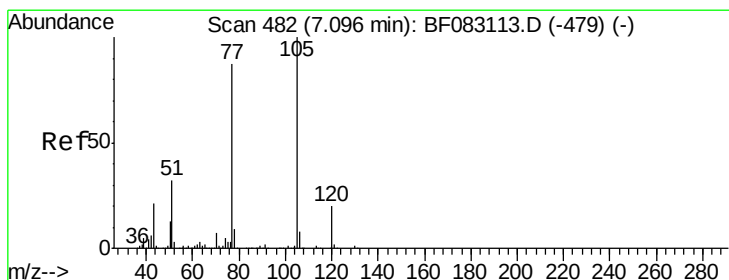
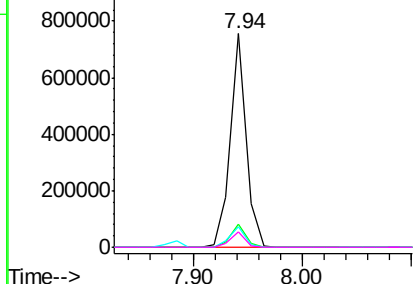
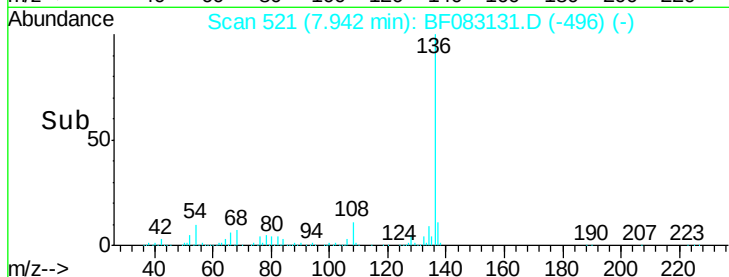
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
PB86744BS

Tgt Ion:	136	Resp:	756620
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.9	5.8	8.6#
68	7.1	3.8	5.8#

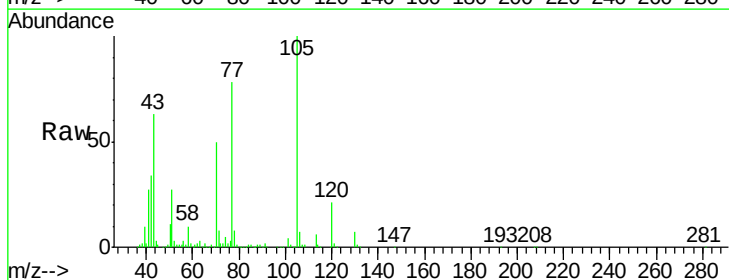


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

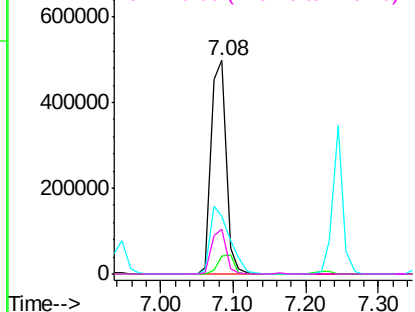
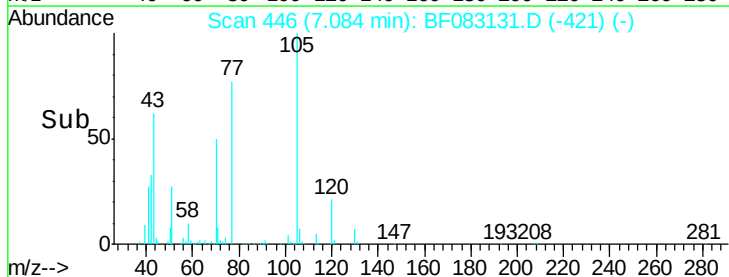


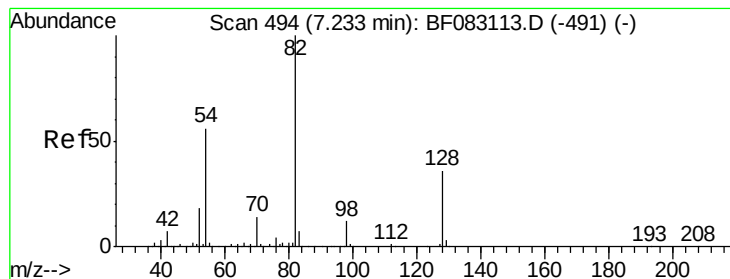
#22
Acetophenone
Concen: 33.06 ng
RT: 7.08 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion:	105	Resp:	718214
Ion	Ratio	Lower	Upper
105	100		
71	8.2	1.0	1.4#
51	27.0	25.6	38.4
120	21.3	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: 35.94 ng

RT: 7.22 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

PB86744BS

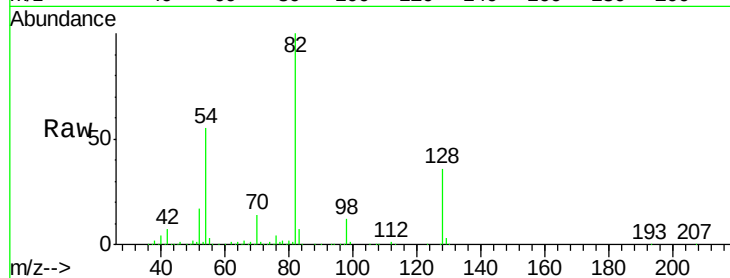
Tgt Ion: 82 Resp: 1190084

Ion Ratio Lower Upper

82 100

128 36.5 28.5 42.7

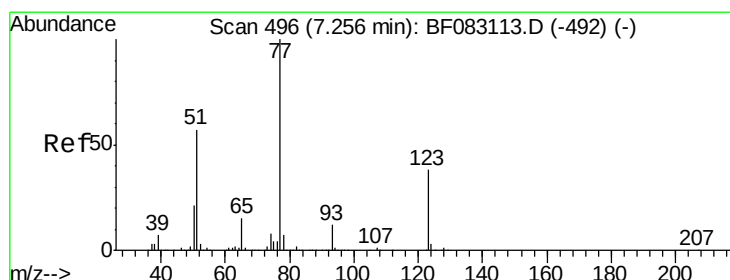
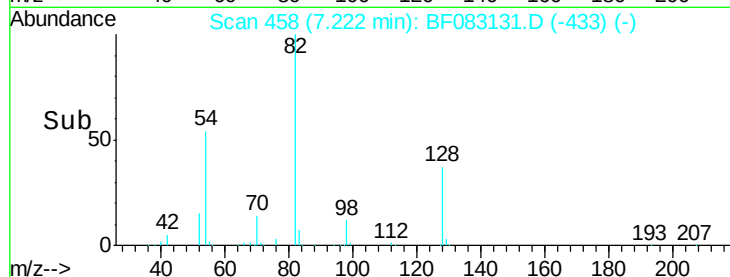
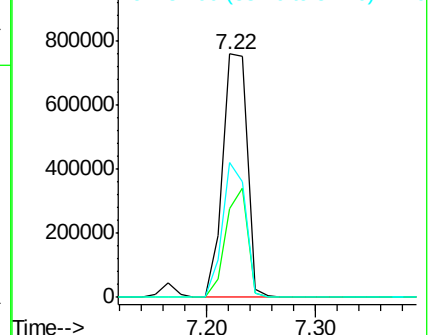
54 55.1 44.6 67.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 34.10 ng

RT: 7.24 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

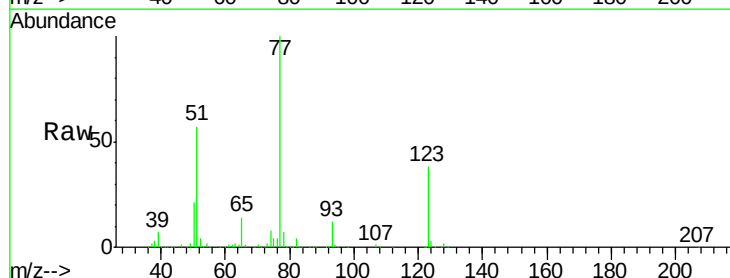
Tgt Ion: 77 Resp: 603232

Ion Ratio Lower Upper

77 100

123 37.7 30.1 45.1

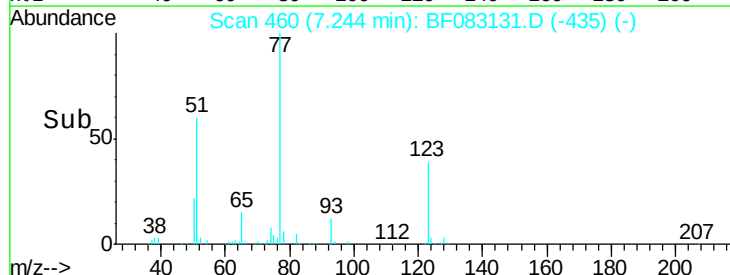
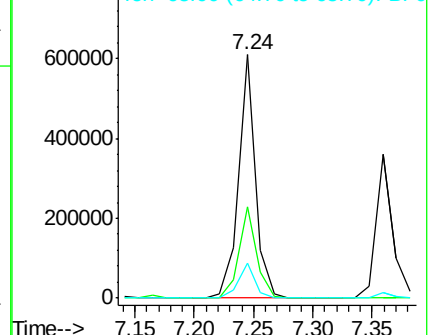
65 14.2 11.6 17.4

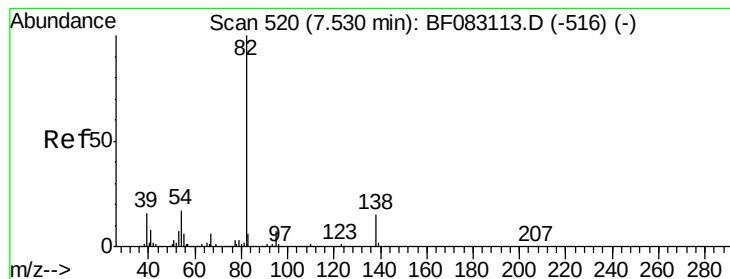


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 34.09 ng

RT: 7.50 min Scan# 482

Delta R.T. -0.03 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

PB86744BS

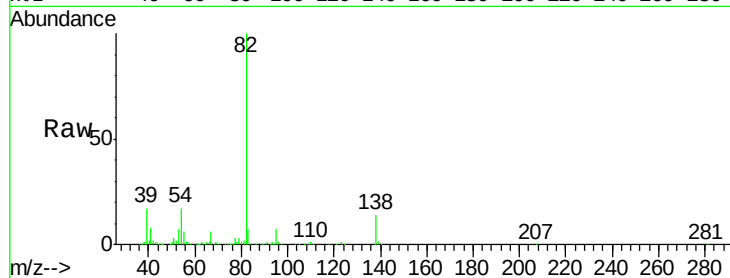
Tgt Ion: 82 Resp: 1068843

Ion Ratio Lower Upper

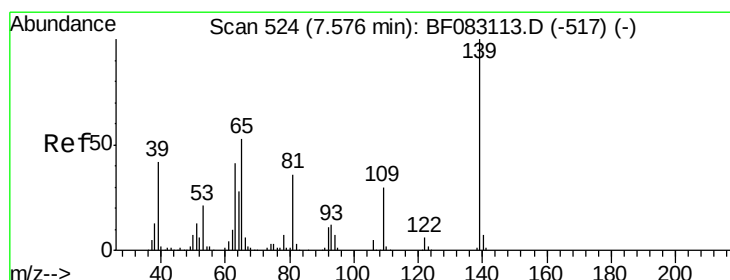
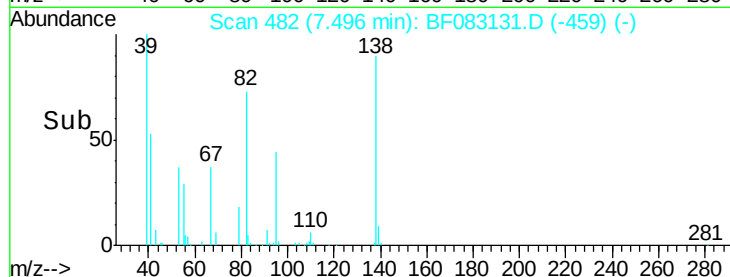
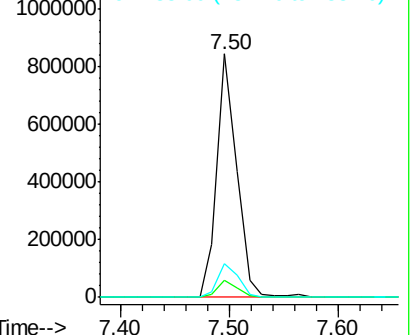
82 100

95 6.8 5.8 8.8

138 13.8 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): E



#26

2-Nitrophenol

Concen: 34.99 ng

RT: 7.56 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

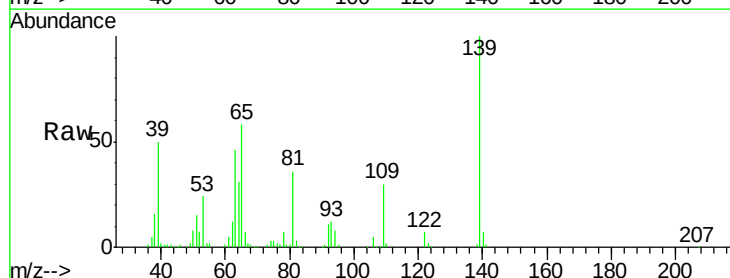
Tgt Ion: 139 Resp: 273313

Ion Ratio Lower Upper

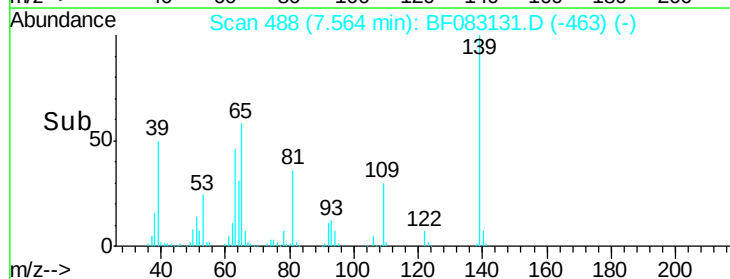
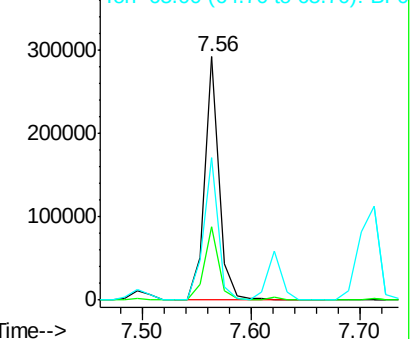
139 100

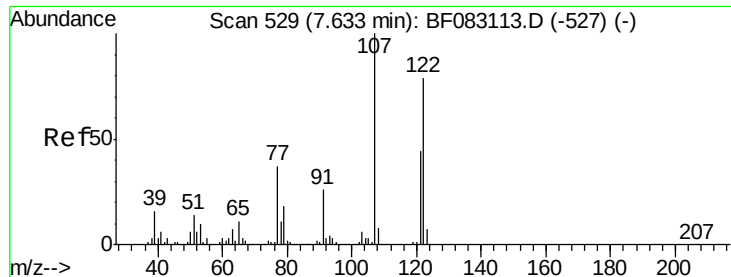
109 30.2 23.9 35.9

65 58.4 42.7 64.1



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





#27

2,4-Dimethylphenol

Concen: 36.39 ng

RT: 7.62 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

PB86744BS

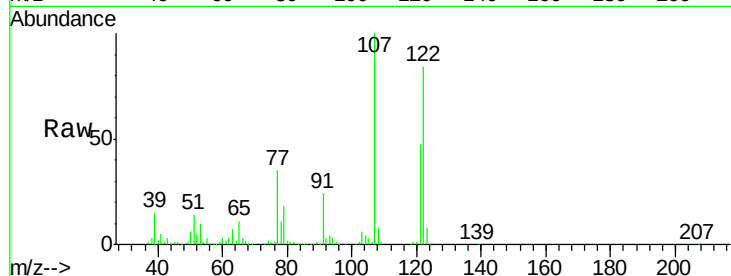
Tgt Ion:122 Resp: 453563

Ion Ratio Lower Upper

122 100

107 119.1 101.1 151.7

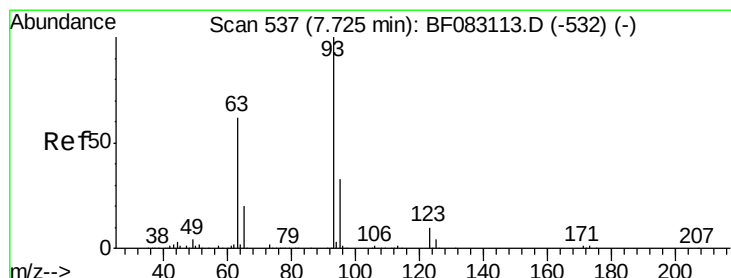
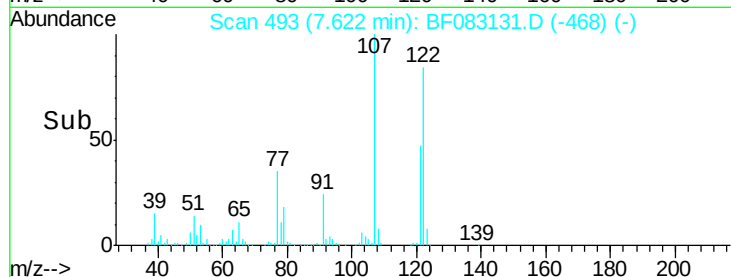
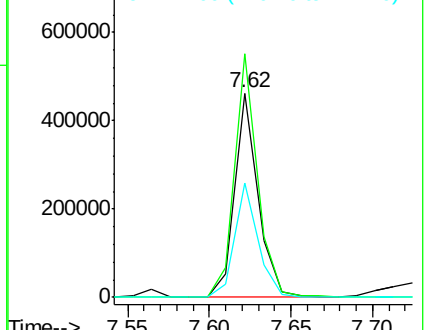
121 56.1 44.9 67.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.19 ng

RT: 7.71 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

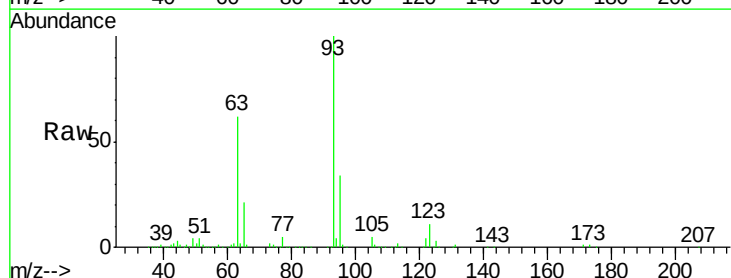
Tgt Ion: 93 Resp: 659597

Ion Ratio Lower Upper

93 100

95 33.6 26.5 39.7

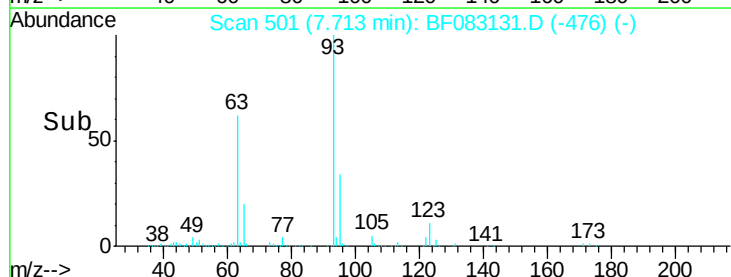
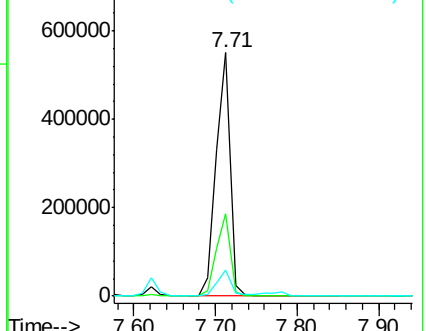
123 10.9 8.1 12.1

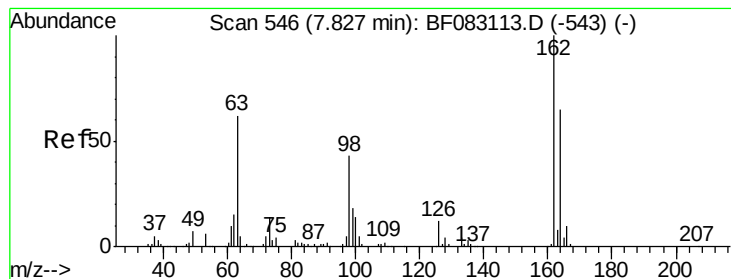


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.89 ng

RT: 7.82 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

PB86744BS

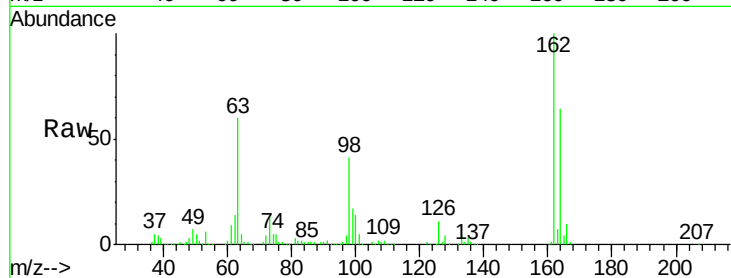
Tgt Ion:162 Resp: 449204

Ion Ratio Lower Upper

162 100

164 63.9 44.8 84.8

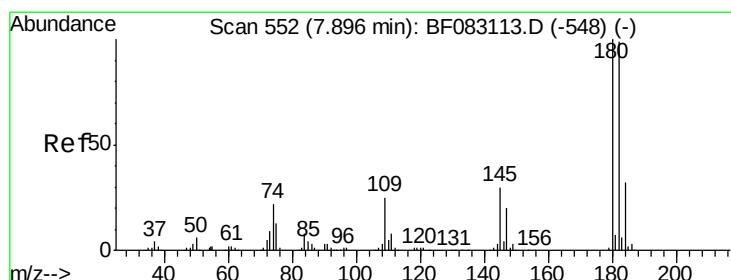
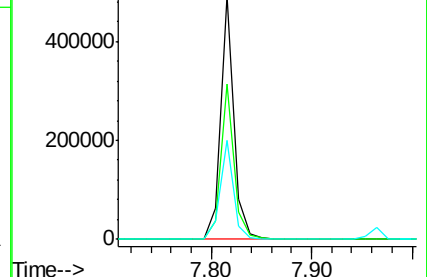
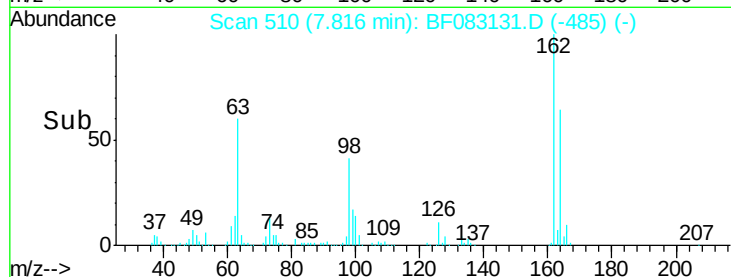
98 40.8 23.1 63.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 33.63 ng

RT: 7.88 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

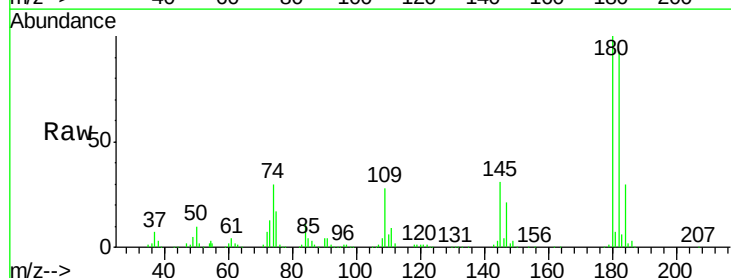
Tgt Ion:180 Resp: 438027

Ion Ratio Lower Upper

180 100

182 92.7 79.0 118.6

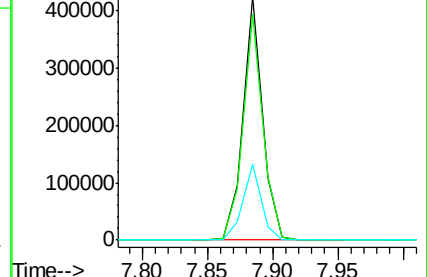
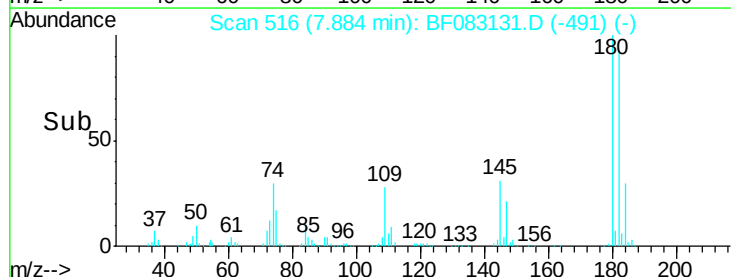
145 30.9 24.2 36.2

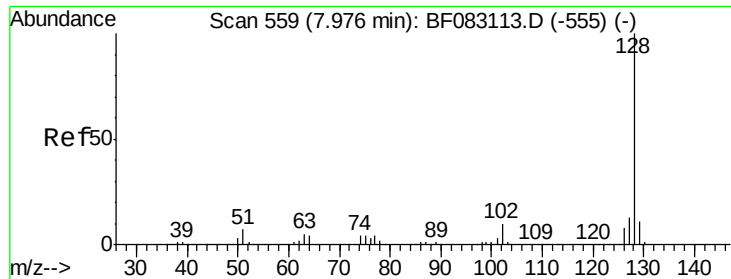


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

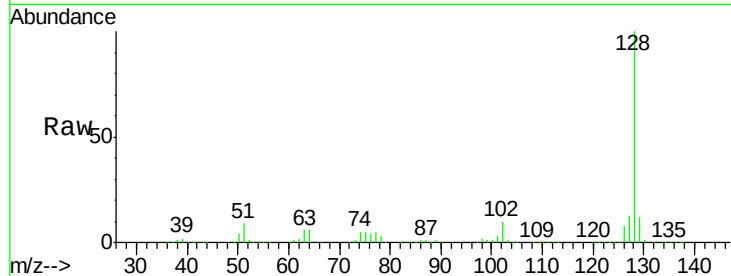




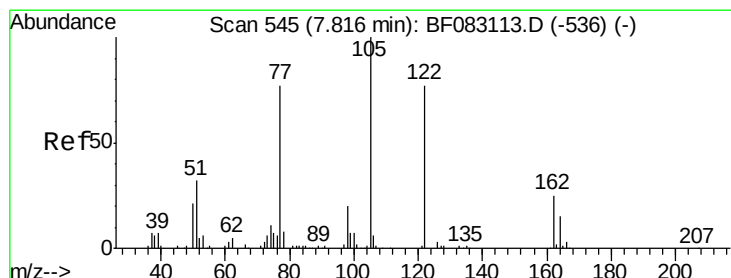
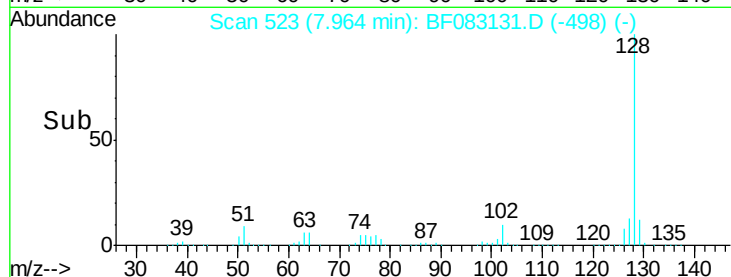
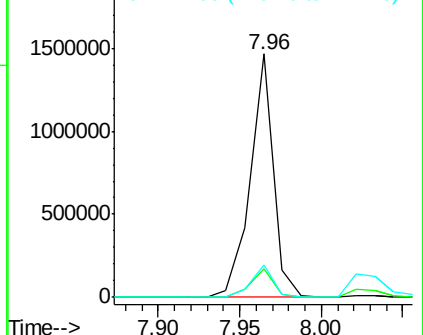
#31
Naphthalene
Concen: 35.21 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
PB86744BS

Tgt Ion:128 Resp: 1437835
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 13.3 10.6 15.8

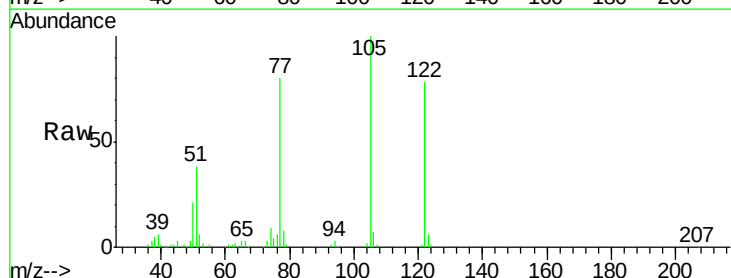


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

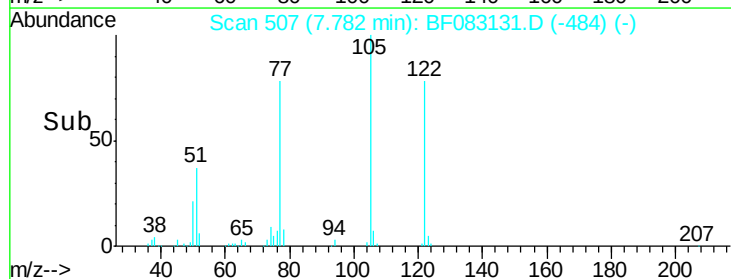
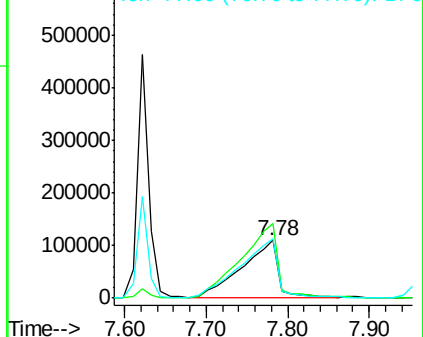


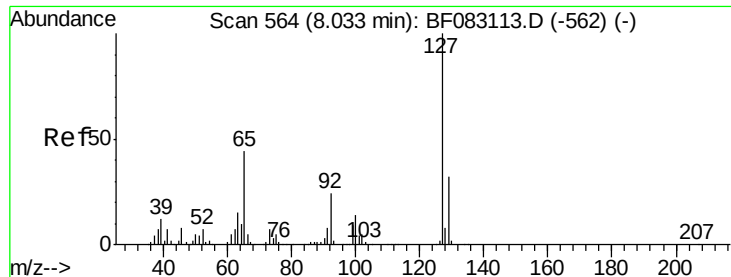
#32
Benzoic acid
Concen: 34.67 ng
RT: 7.78 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion:122 Resp: 335959
Ion Ratio Lower Upper
122 100
105 128.5 109.7 149.7
77 102.5 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

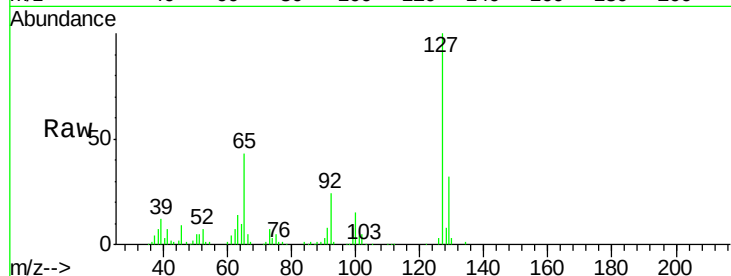




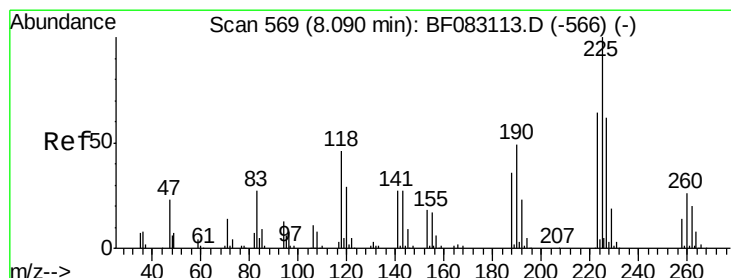
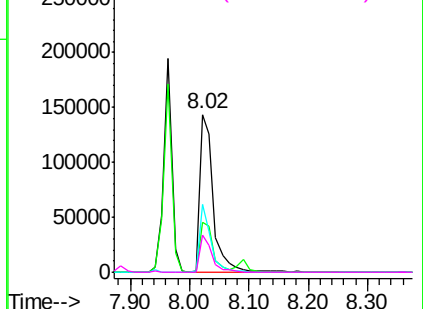
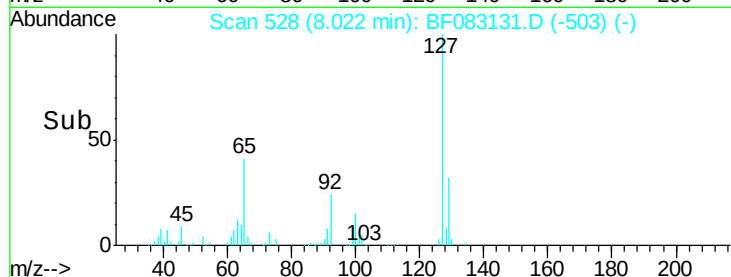
#33
4-Chloroaniline
Concen: 14.88 ng
RT: 8.02 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
PB86744BS

Tgt Ion:	127	Resp:	235762
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	42.9	35.5	53.3
92	23.6	19.4	29.2

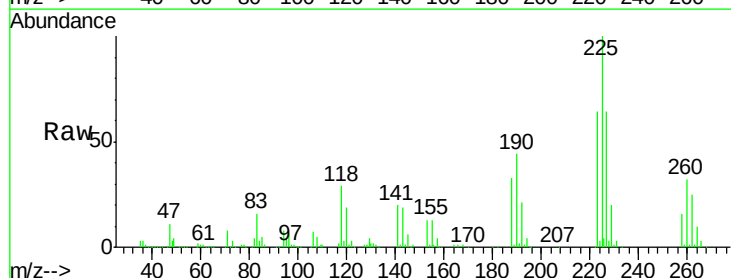


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

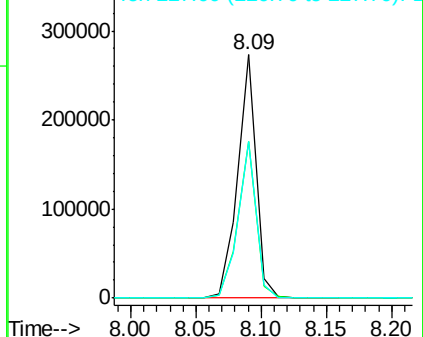
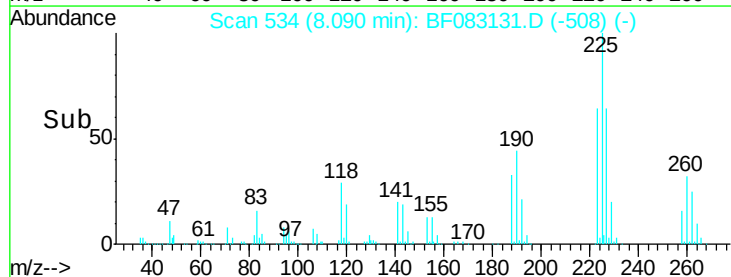


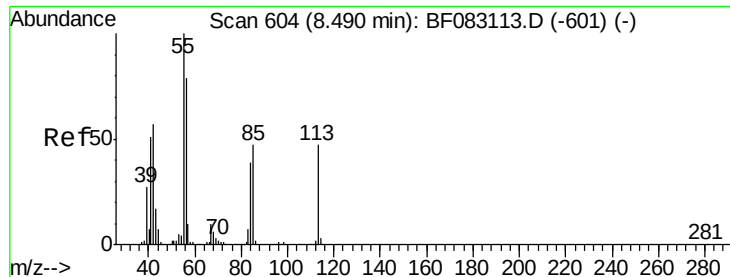
#34
Hexachlorobutadiene
Concen: 34.49 ng
RT: 8.09 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion:	225	Resp:	265435
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.3	76.9
227	64.1	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: 24.16 ng

RT: 8.42 min Scan# 563

Delta R.T. -0.07 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampled :

PB86744BS

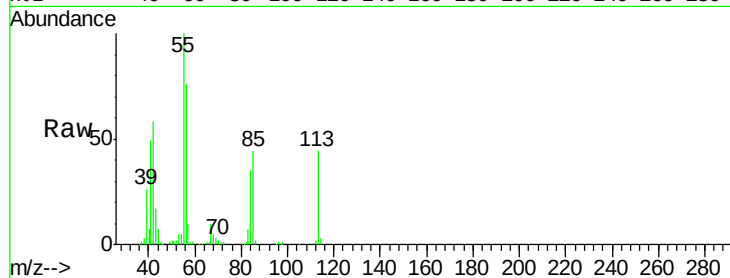
Tgt Ion:113 Resp: 91789

Ion Ratio Lower Upper

113 100

55 225.6 192.6 232.6

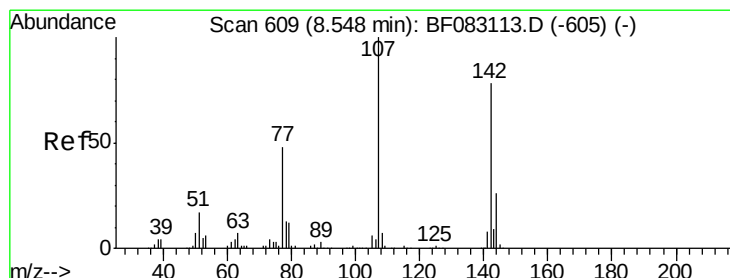
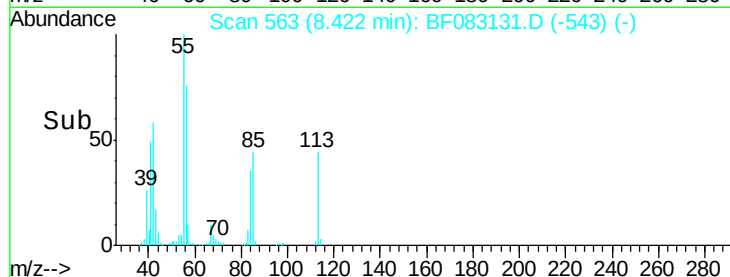
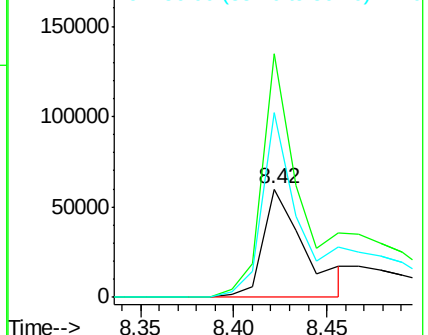
56 171.0 148.6 188.6



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: 34.89 ng

RT: 8.52 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

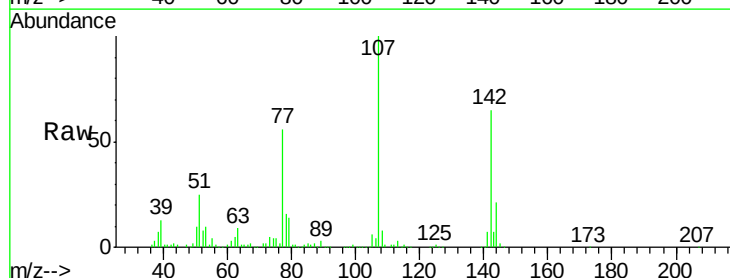
Tgt Ion:107 Resp: 479207

Ion Ratio Lower Upper

107 100

144 20.8 20.8 31.2

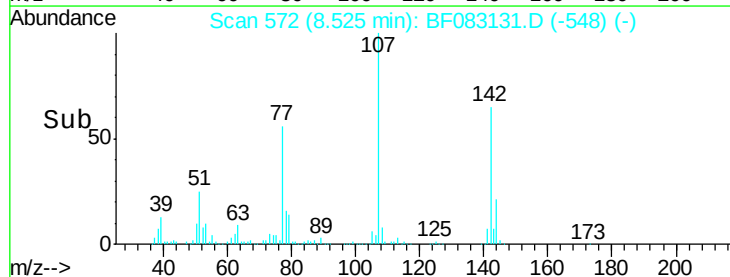
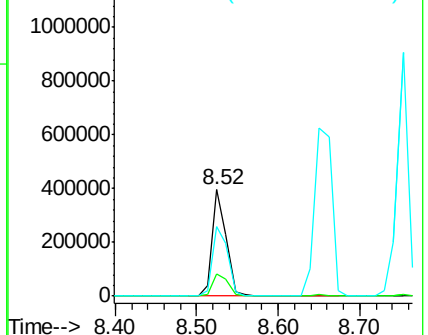
142 65.5 62.1 93.1

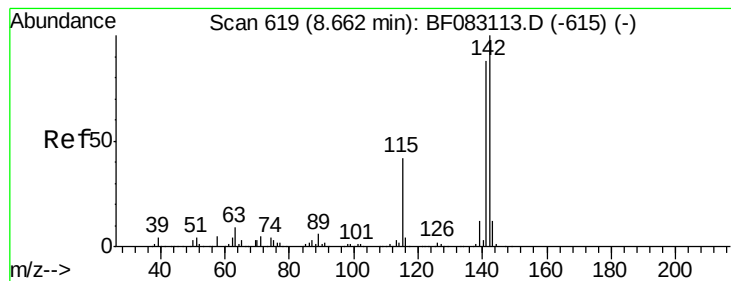


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

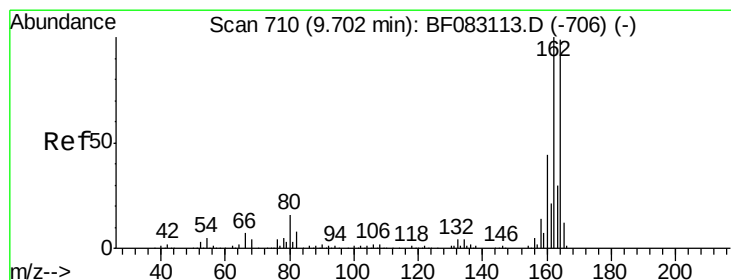
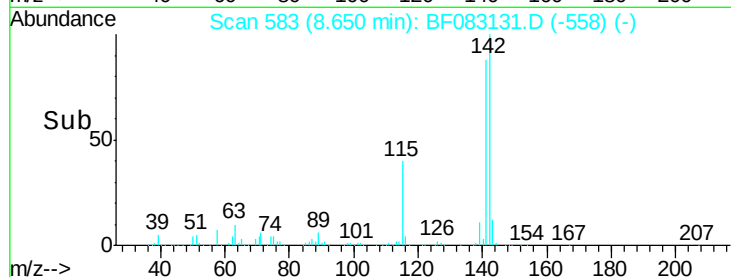
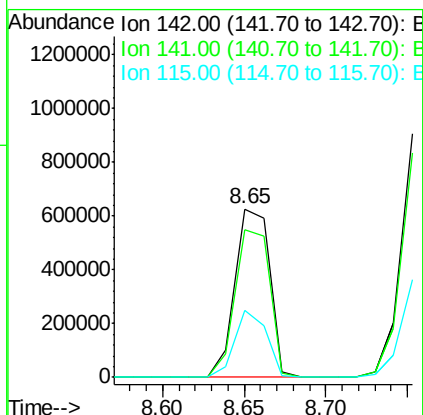
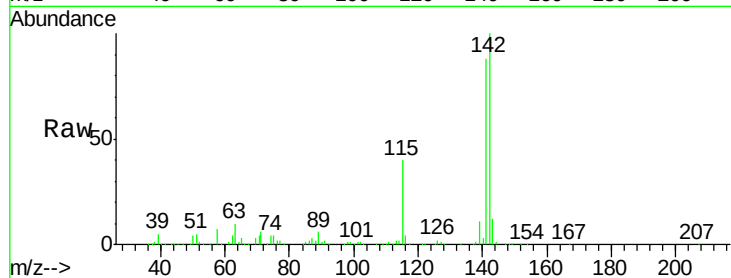




#37
 2-Methylnaphthalene
 Concen: 34.87 ng
 RT: 8.65 min Scan# 583
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

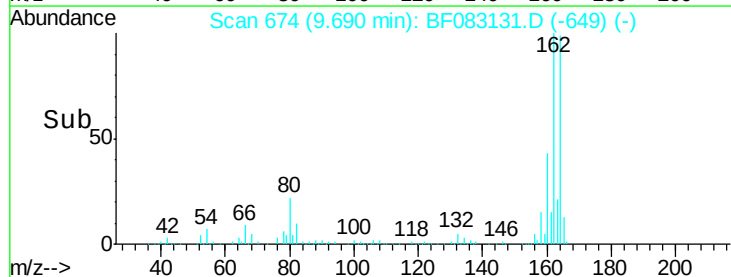
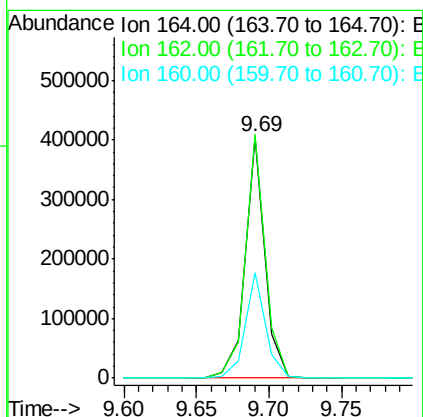
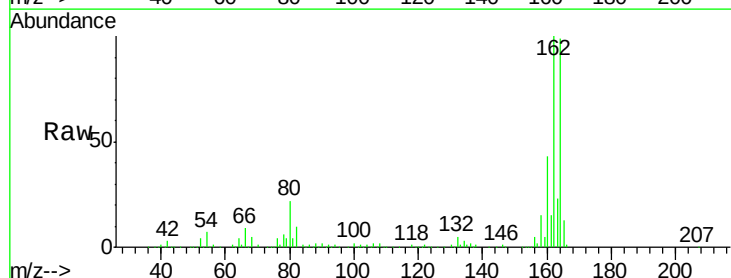
Instrument :
 BNA_F
 ClientSampleId :
 PB86744BS

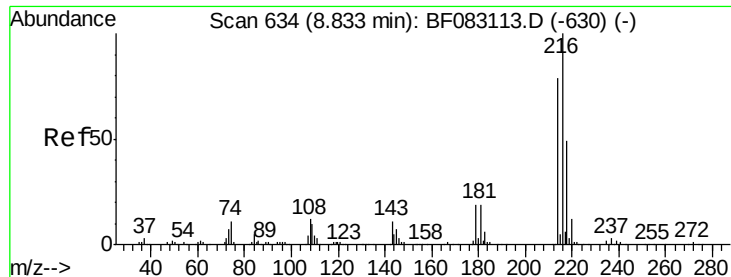
Tgt Ion:142 Resp: 923999
 Ion Ratio Lower Upper
 142 100
 141 87.5 70.3 105.5
 115 39.9 33.4 50.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Tgt Ion:164 Resp: 379909
 Ion Ratio Lower Upper
 164 100
 162 100.9 81.2 121.8
 160 43.5 35.6 53.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.06 ng

RT: 8.82 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

PB86744BS

Tgt Ion:216 Resp: 407105

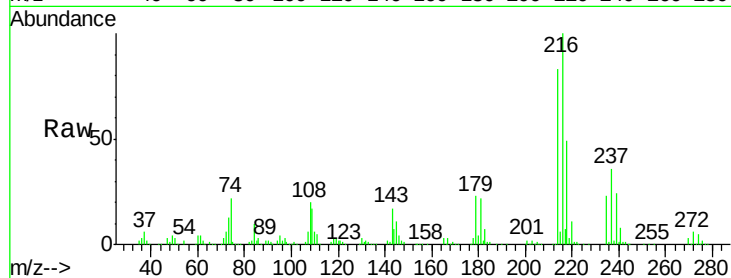
Ion Ratio Lower Upper

216 100

214 81.6 63.8 95.8

179 22.2 17.0 25.6

108 22.5 15.2 22.8

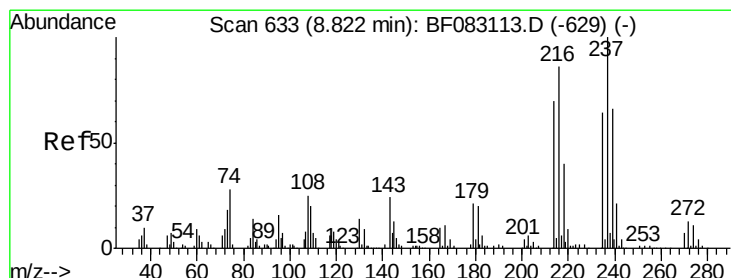
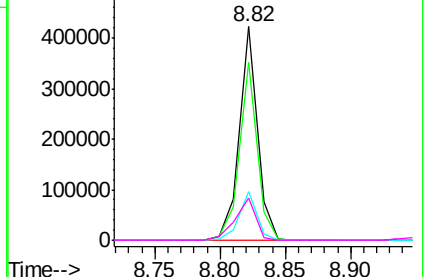
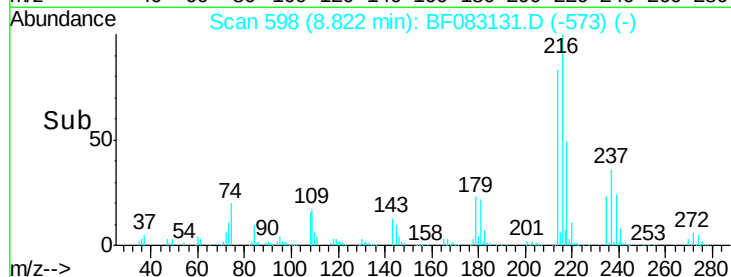


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 65.42 ng

RT: 8.81 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

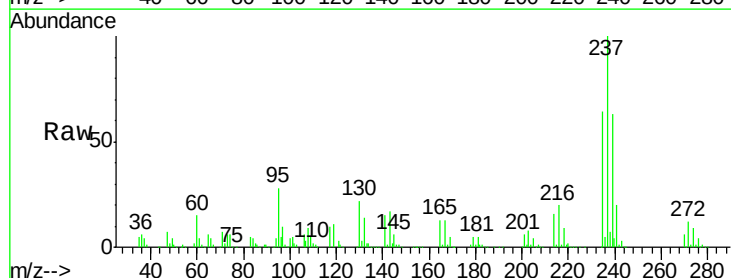
Tgt Ion:237 Resp: 458020

Ion Ratio Lower Upper

237 100

235 64.4 43.5 83.5

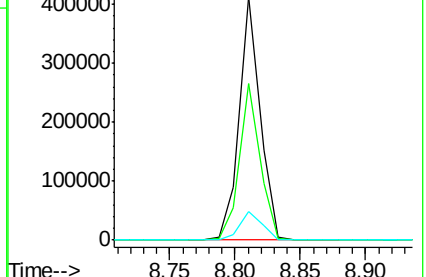
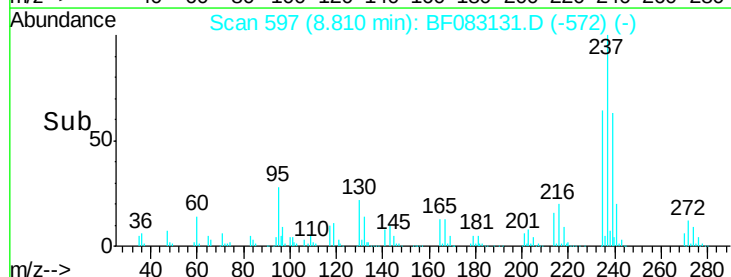
272 11.9 0.0 33.1

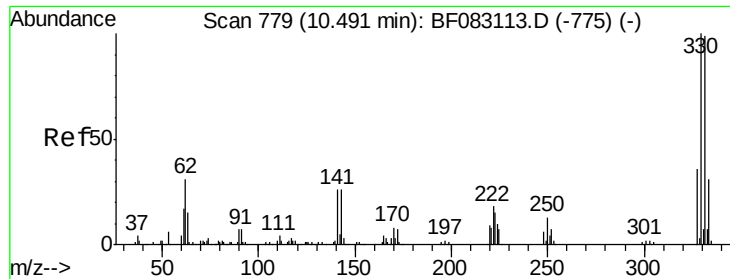


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

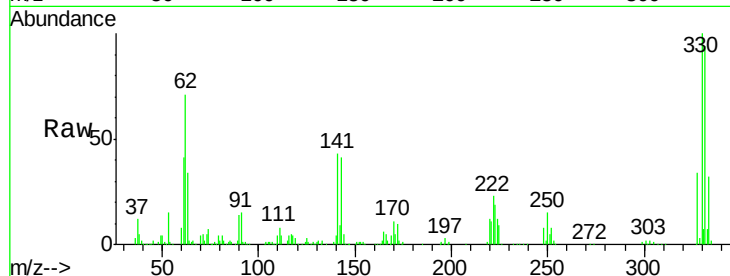




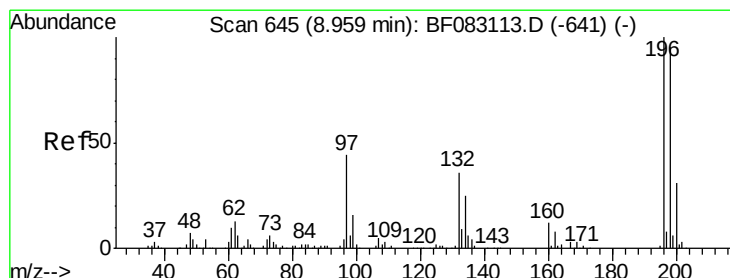
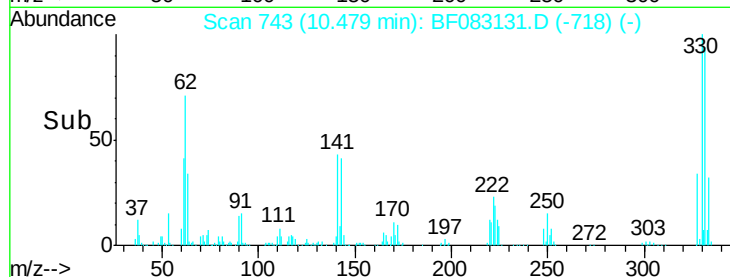
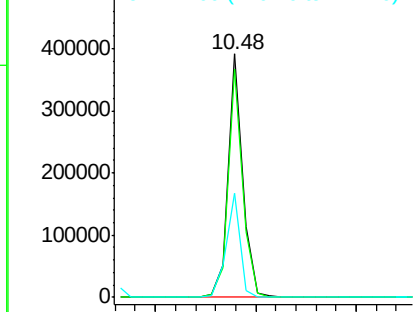
#41
 2,4,6-Tribromophenol
 Concen: 50.37 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BS

Tgt Ion:330 Resp: 391578
 Ion Ratio Lower Upper
 330 100
 332 93.6 77.7 116.5
 141 41.9 29.7 44.5

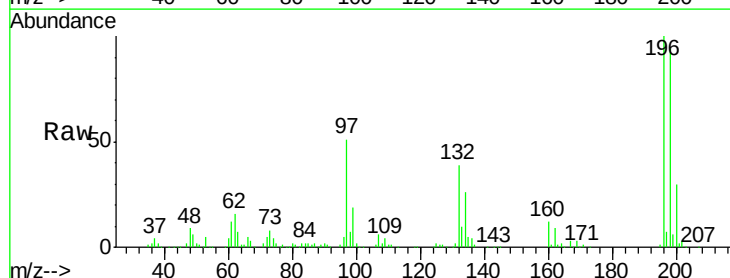


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

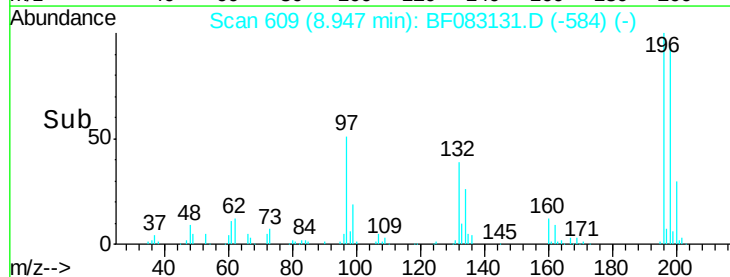
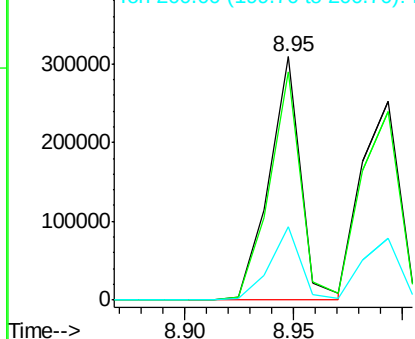


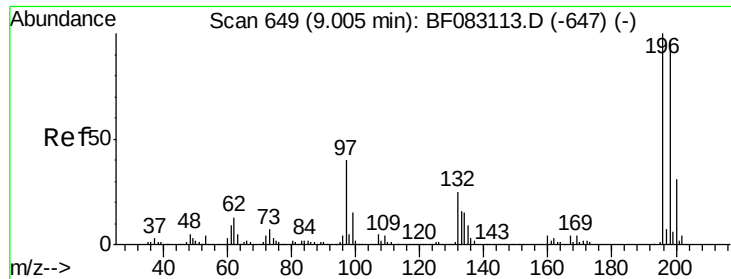
#42
 2,4,6-Trichlorophenol
 Concen: 35.70 ng
 RT: 8.95 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Tgt Ion:196 Resp: 314794
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.9 113.9
 200 30.0 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

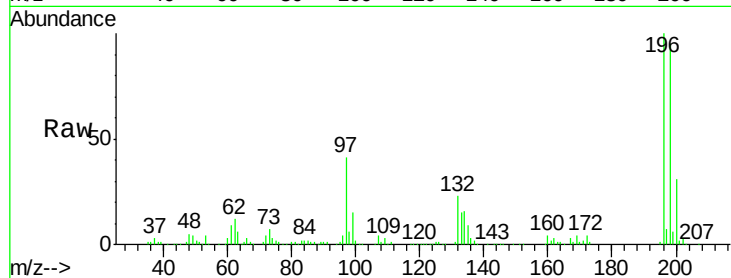




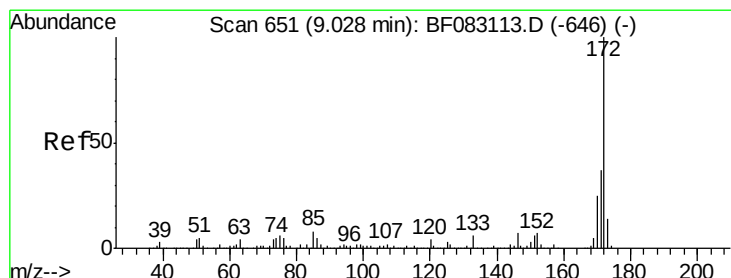
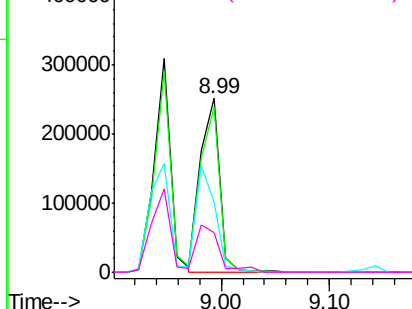
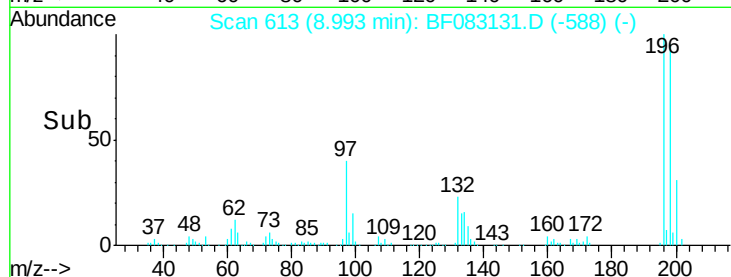
#43
 2,4,5-Trichlorophenol
 Concen: 34.73 ng
 RT: 8.99 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BS

Tgt Ion:196 Resp: 313156
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.6 116.4
 97 40.7 32.6 48.8
 132 23.0 19.8 29.8

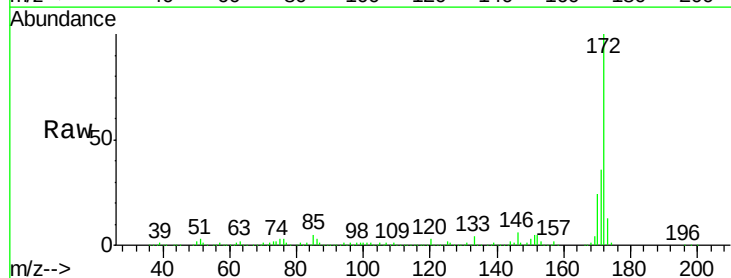


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

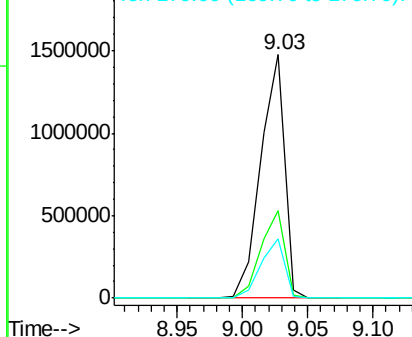
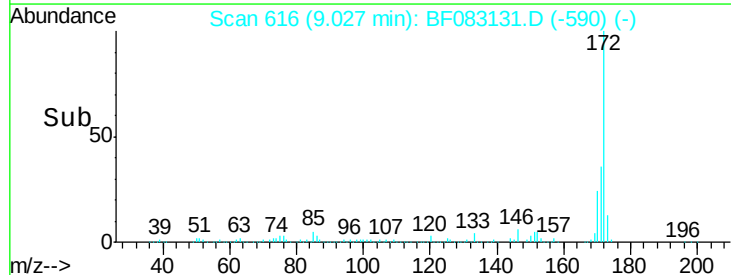


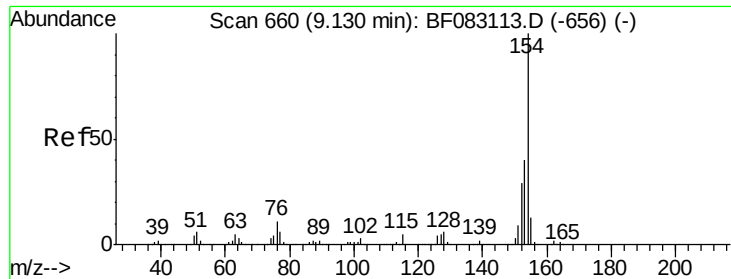
#44
 2-Fluorobiphenyl
 Concen: 34.81 ng
 RT: 9.03 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Tgt Ion:172 Resp: 1896888
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.5 44.3
 170 24.5 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

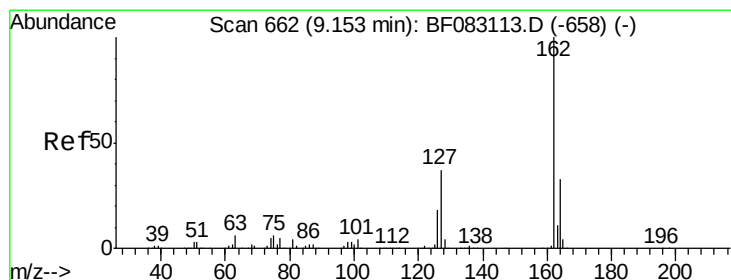
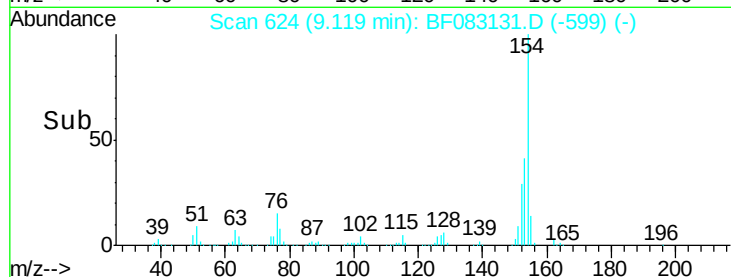
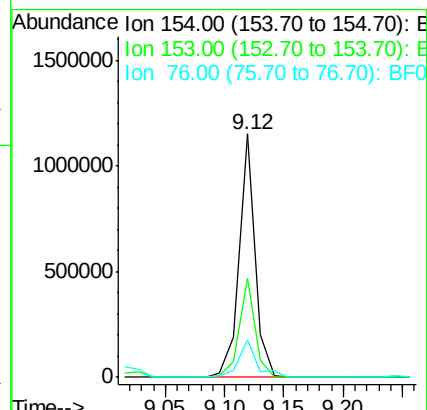
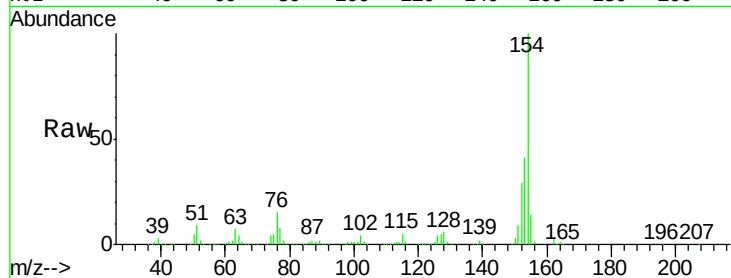




#45
 1,1'-Biphenyl
 Concen: 33.33 ng
 RT: 9.12 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

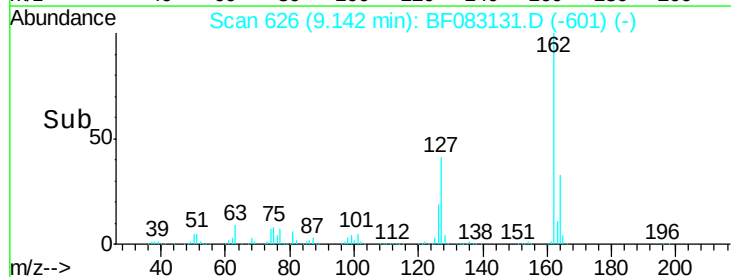
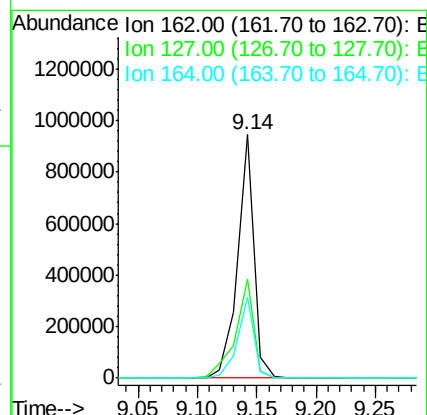
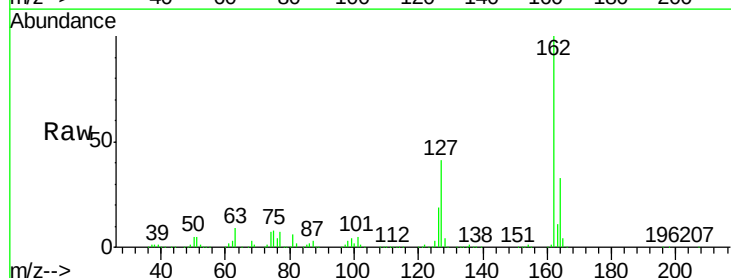
Instrument :
 BNA_F
 ClientSampleId :
 PB86744BS

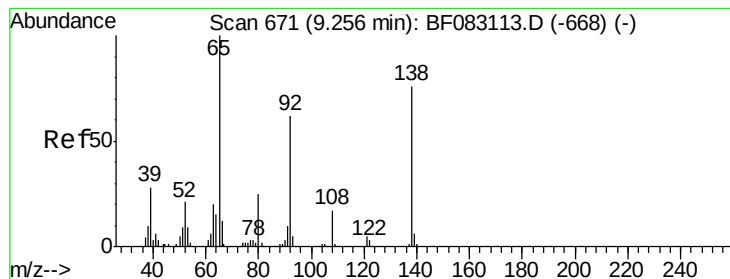
Tgt Ion:154 Resp: 1077601
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.5 60.5
 76 15.3 0.0 31.2



#46
 2-Chloronaphthalene
 Concen: 35.77 ng
 RT: 9.14 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Tgt Ion:162 Resp: 908488
 Ion Ratio Lower Upper
 162 100
 127 40.7 29.4 44.2
 164 33.4 26.2 39.4





#47

2-Nitroaniline

Concen: 34.98 ng

RT: 9.24 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

PB86744BS

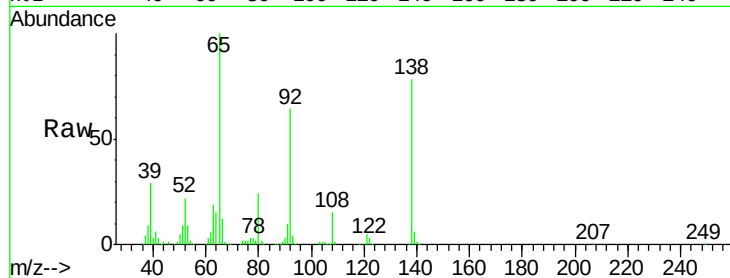
Tgt Ion: 65 Resp: 314250

Ion Ratio Lower Upper

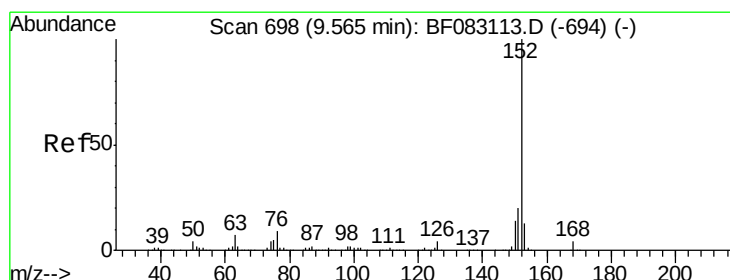
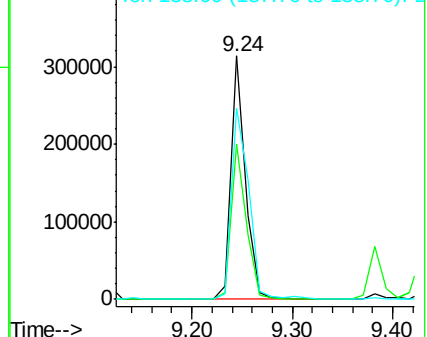
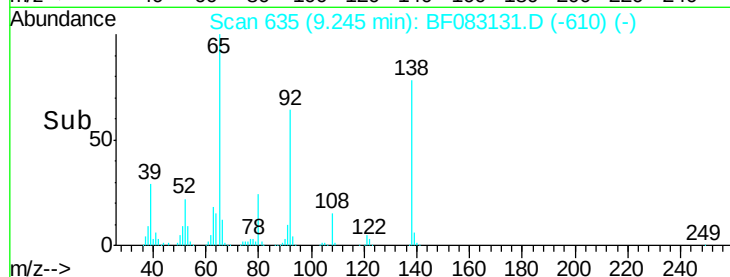
65 100

92 63.8 49.5 74.3

138 78.4 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): BF0



#48

Acenaphthylene

Concen: 35.68 ng

RT: 9.55 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

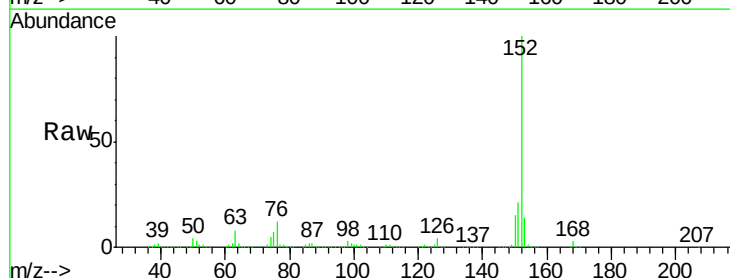
Tgt Ion: 152 Resp: 1404516

Ion Ratio Lower Upper

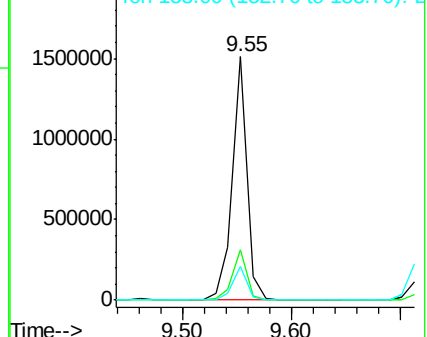
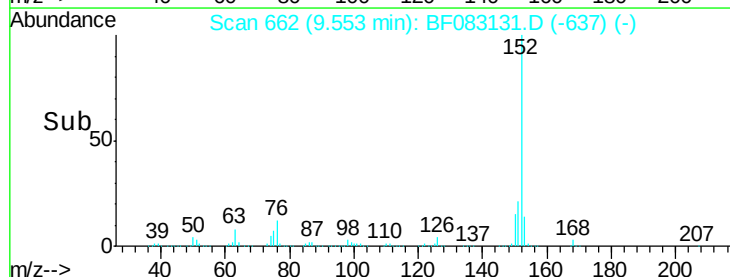
152 100

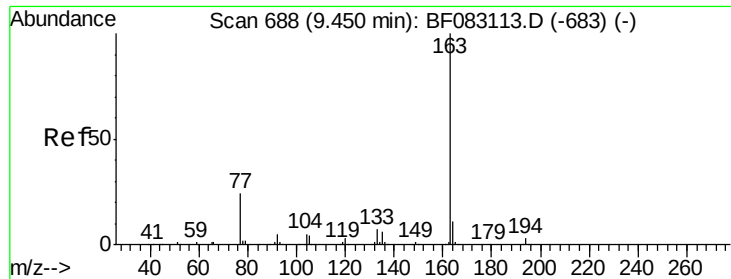
151 20.7 16.3 24.5

153 13.9 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

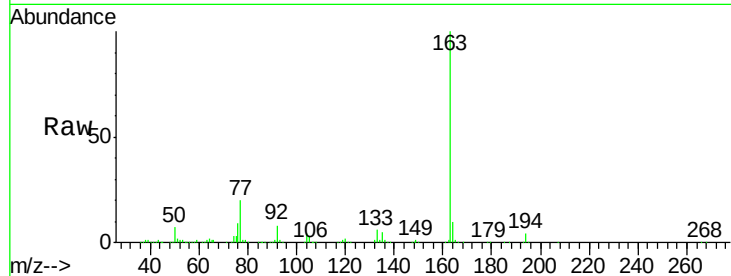




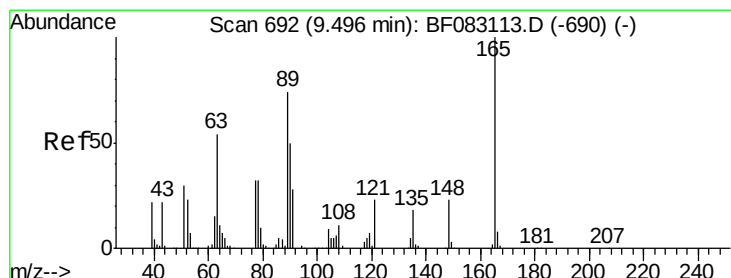
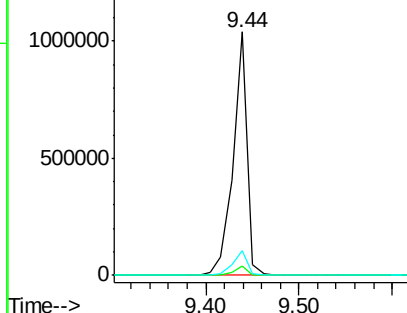
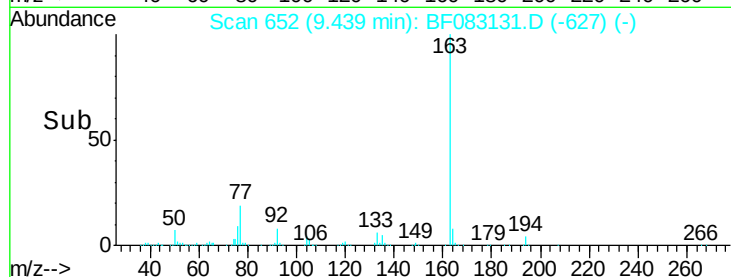
#49
Dimethylphthalate
Concen: 37.24 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
PB86744BS

Tgt Ion:163 Resp: 1089146
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.2 8.6 12.8

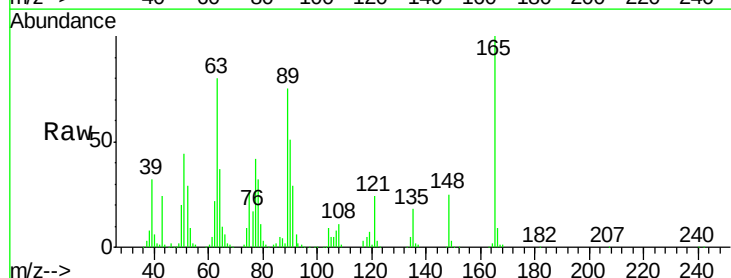


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

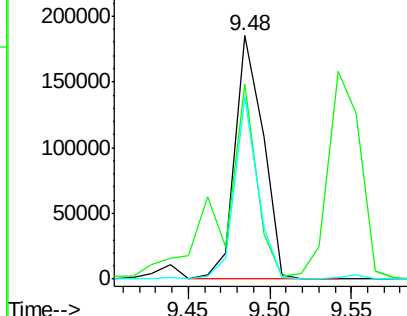
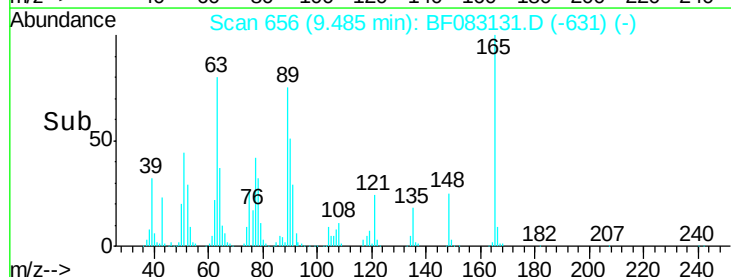


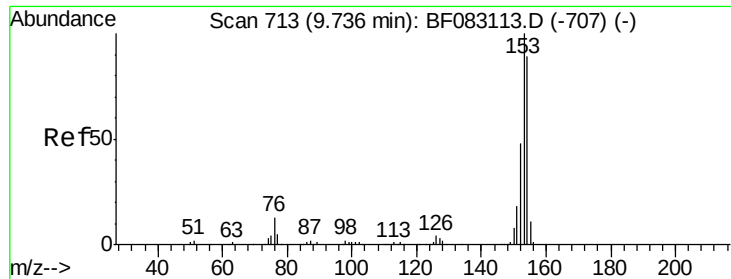
#50
2,6-Dinitrotoluene
Concen: 33.58 ng
RT: 9.48 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion:165 Resp: 220385
Ion Ratio Lower Upper
165 100
63 80.1 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: 34.61 ng

RT: 9.72 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

PB86744BS

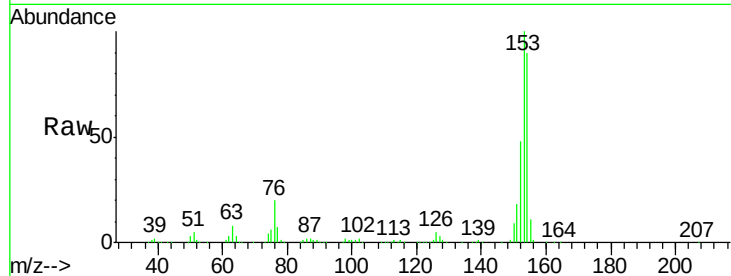
Tgt Ion:154 Resp: 829109

Ion Ratio Lower Upper

154 100

153 111.2 89.6 134.4

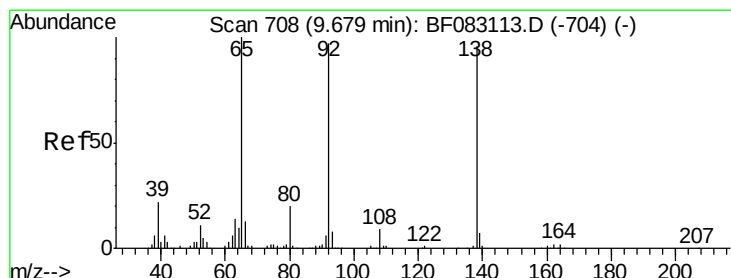
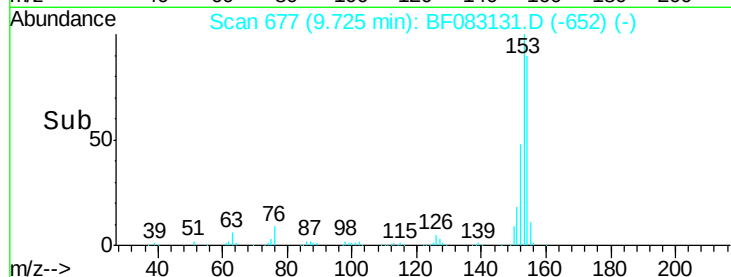
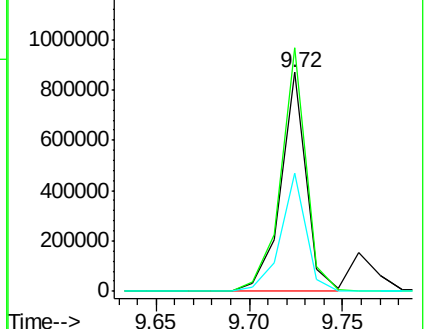
152 53.9 43.3 64.9



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: 17.52 ng

RT: 9.66 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

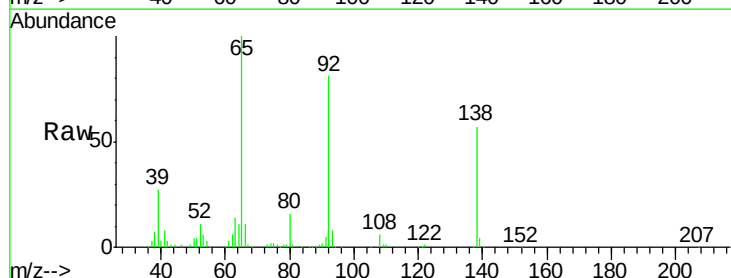
Tgt Ion:138 Resp: 122599

Ion Ratio Lower Upper

138 100

108 11.2 7.8 11.6

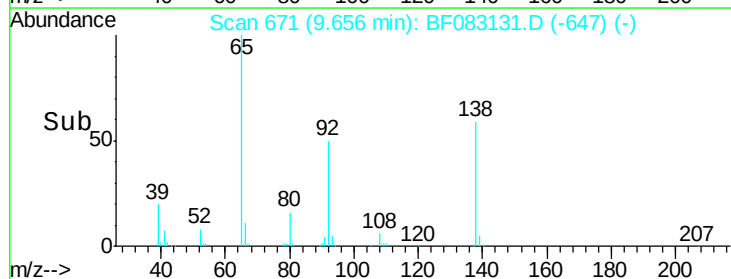
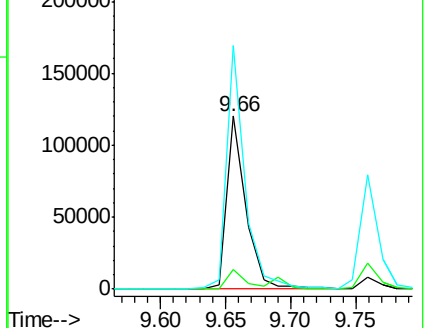
92 140.8 81.1 121.7#

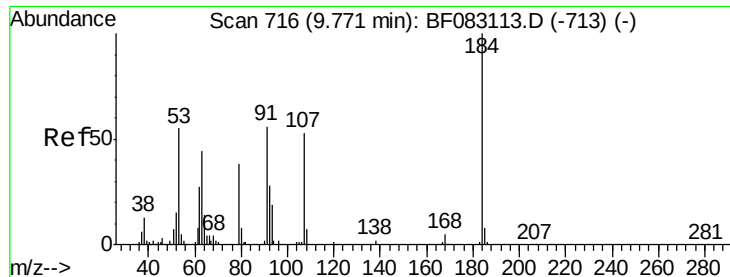


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

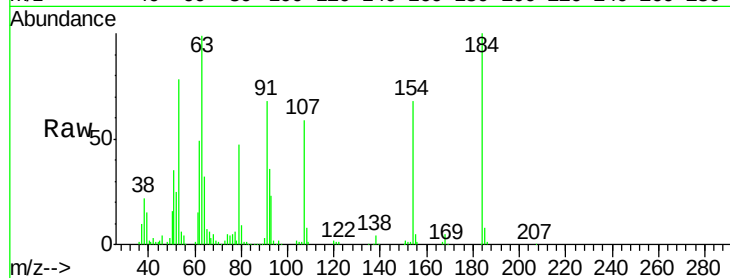




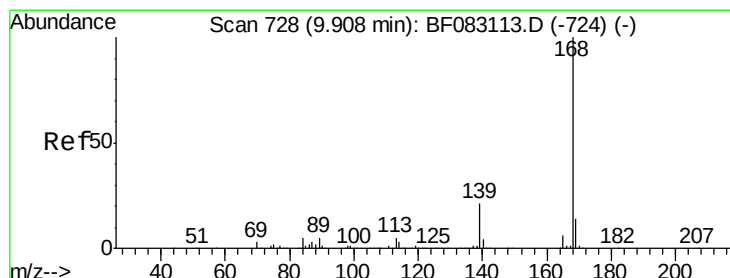
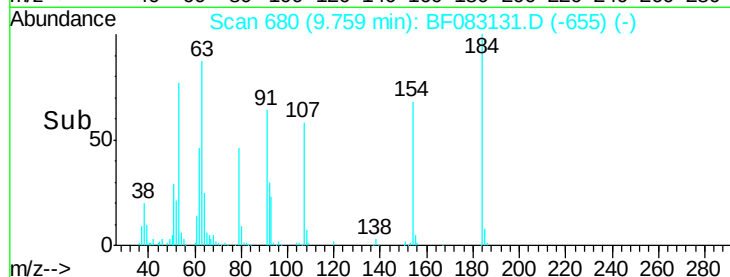
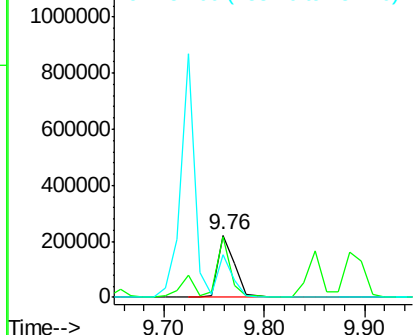
#53
 2,4-Dinitrophenol
 Concen: 68.17 ng
 RT: 9.76 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Instrument :
 BNA_F
 ClientSampled :
 PB86744BS

Tgt Ion:184 Resp: 257770
 Ion Ratio Lower Upper
 184 100
 63 98.5 60.5 90.7#
 154 68.5 54.3 81.5

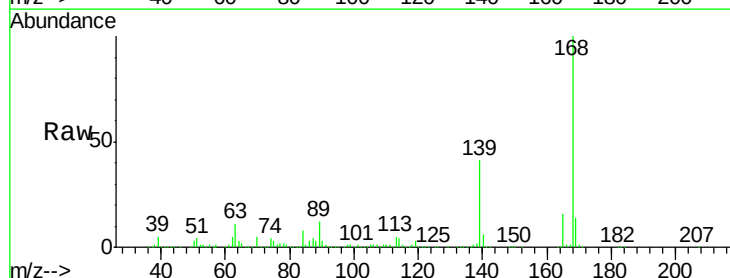


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

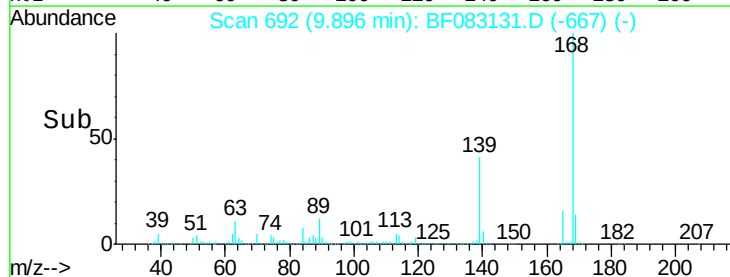
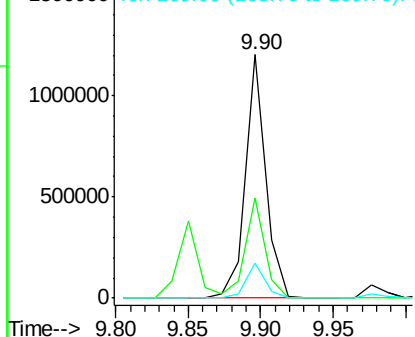


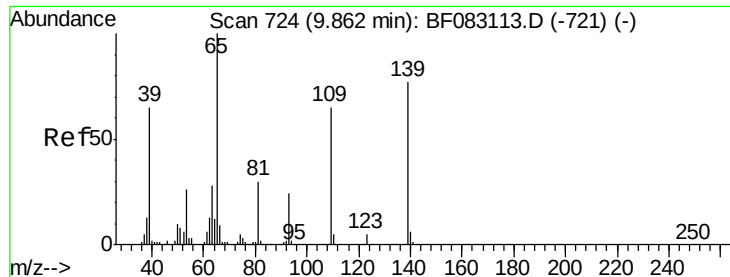
#54
 Dibenzofuran
 Concen: 34.49 ng
 RT: 9.90 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Tgt Ion:168 Resp: 1168374
 Ion Ratio Lower Upper
 168 100
 139 41.0 30.2 45.2
 169 14.3 10.9 16.3



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

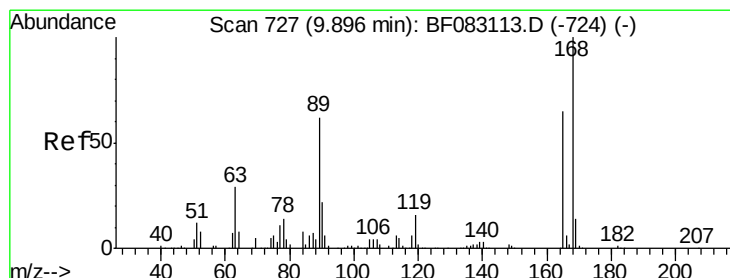
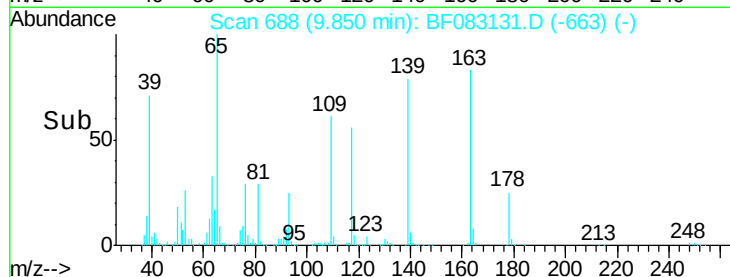
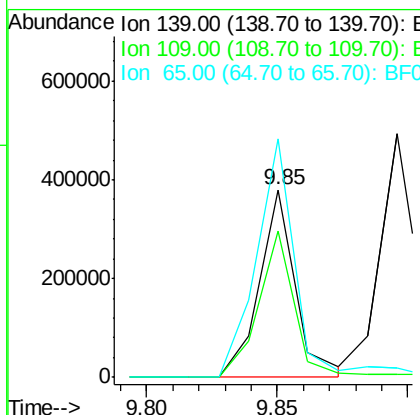
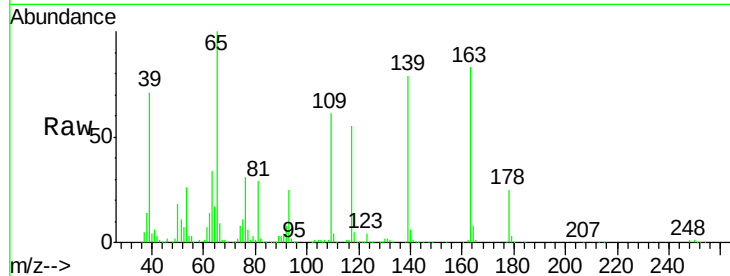




#55
4-Nitrophenol
Concen: 68.72 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

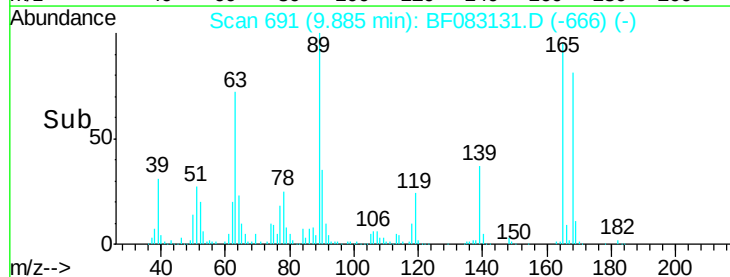
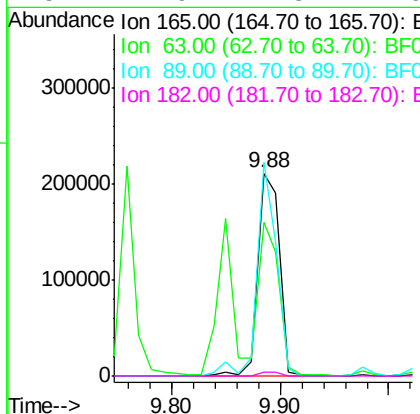
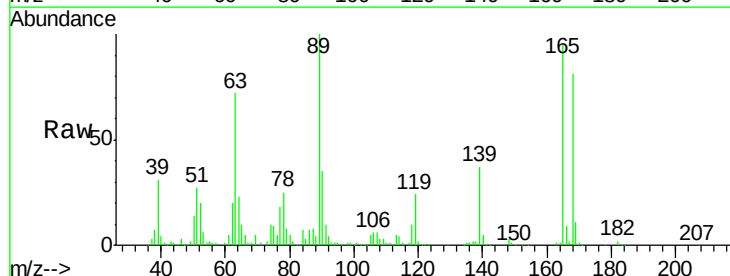
Instrument :
BNA_F
ClientSampleId :
PB86744BS

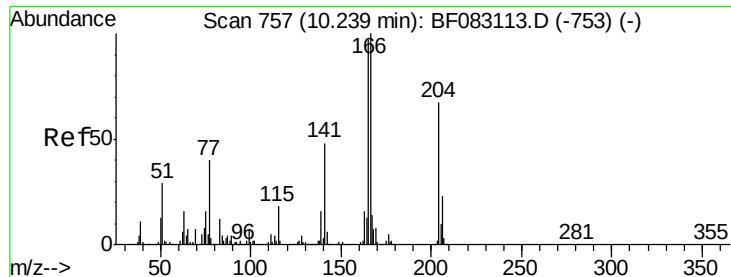
Tgt Ion:139 Resp: 368724
Ion Ratio Lower Upper
139 100
109 77.7 64.0 104.0
65 127.2 109.5 149.5



#56
2,4-Dinitrotoluene
Concen: 35.28 ng
RT: 9.88 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion:165 Resp: 293410
Ion Ratio Lower Upper
165 100
63 75.5 54.5 81.7
89 105.3 77.3 115.9
182 1.9 1.8 2.6





#57

Fluorene

Concen: 35.75 ng

RT: 10.24 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

PB86744BS

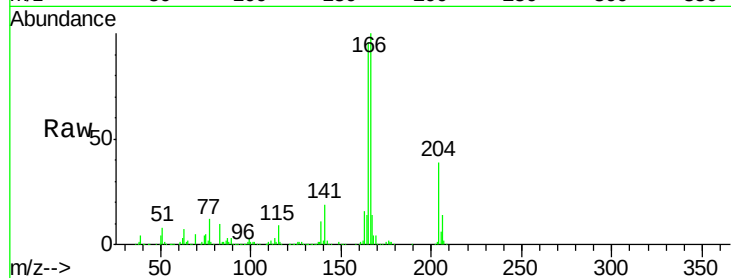
Tgt Ion:166 Resp: 1000748

Ion Ratio Lower Upper

166 100

165 96.2 78.0 117.0

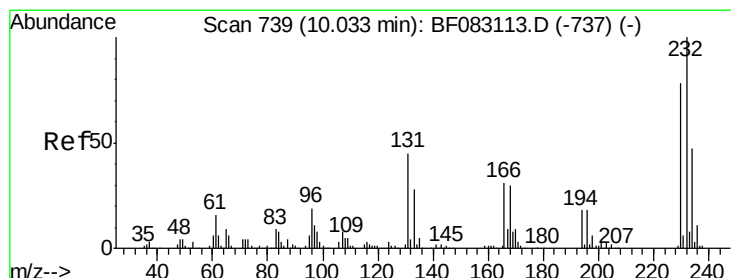
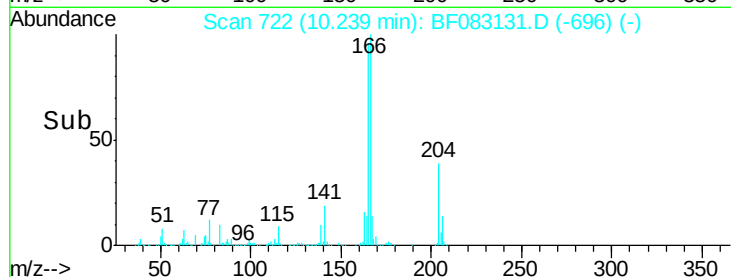
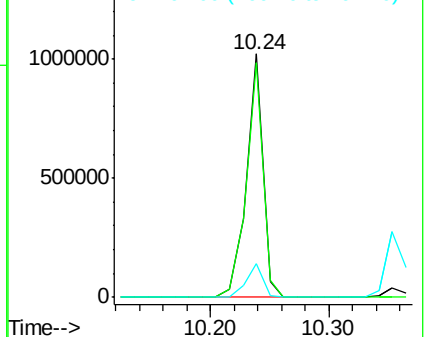
167 13.6 11.3 16.9



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: 36.91 ng

RT: 10.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Tgt Ion:232 Resp: 272997

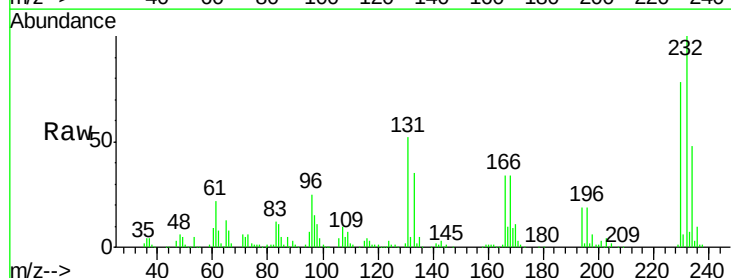
Ion Ratio Lower Upper

232 100

131 48.1 38.6 57.8

130 2.1 1.9 2.9

166 31.7 25.4 38.0

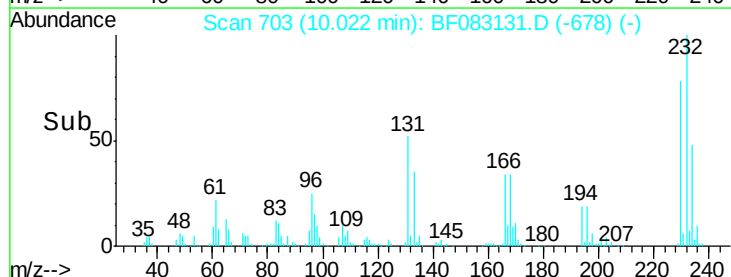
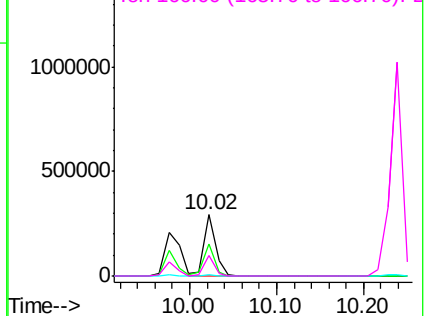


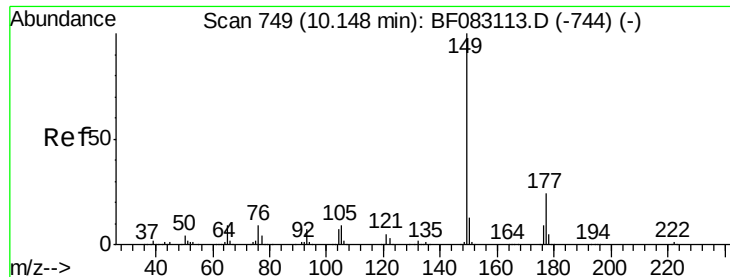
Abundance Ion 232.00 (231.70 to 232.70): E

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

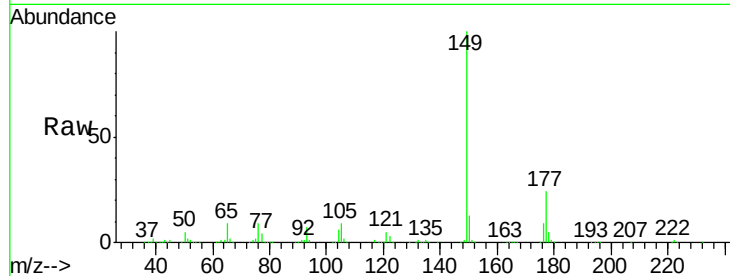




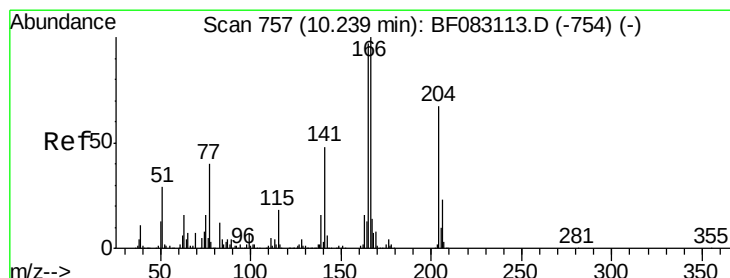
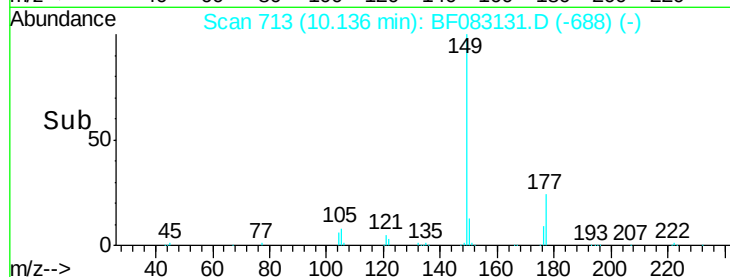
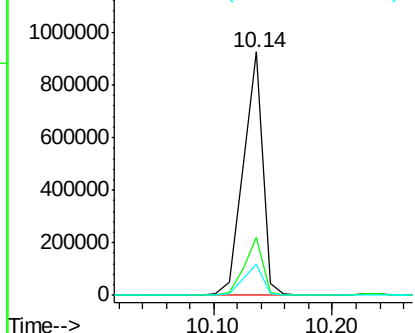
#59
Diethylphthalate
Concen: 36.16 ng
RT: 10.14 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
PB86744BS

Tgt Ion:149 Resp: 1052883
Ion Ratio Lower Upper
149 100
177 23.9 19.4 29.2
150 12.6 10.2 15.2

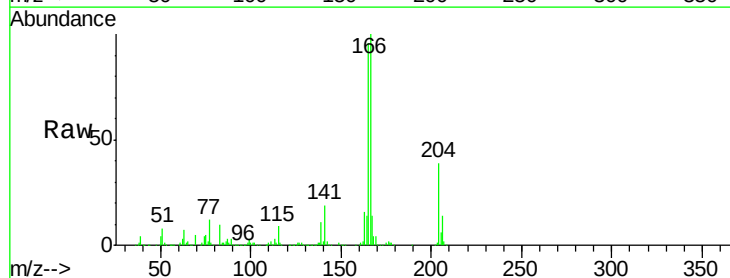


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

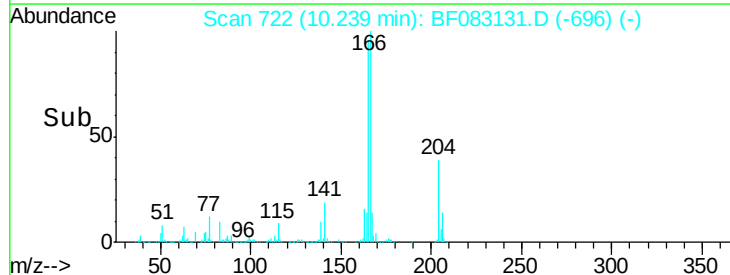
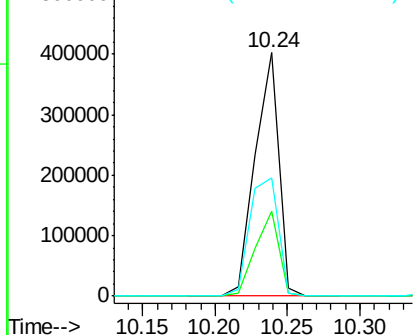


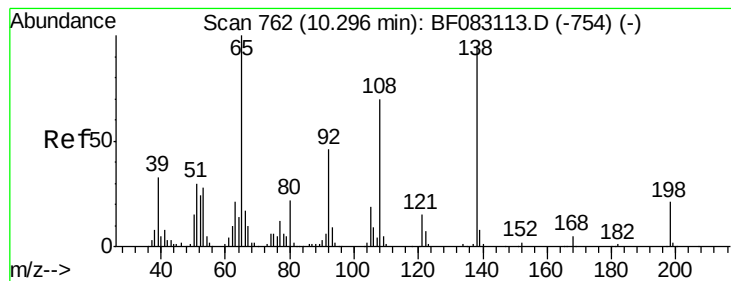
#60
4-Chlorophenyl-phenylether
Concen: 35.54 ng
RT: 10.24 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion:204 Resp: 455600
Ion Ratio Lower Upper
204 100
206 35.0 27.4 41.0
141 48.6 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: 31.95 ng

RT: 10.27 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampled :

PB86744BS

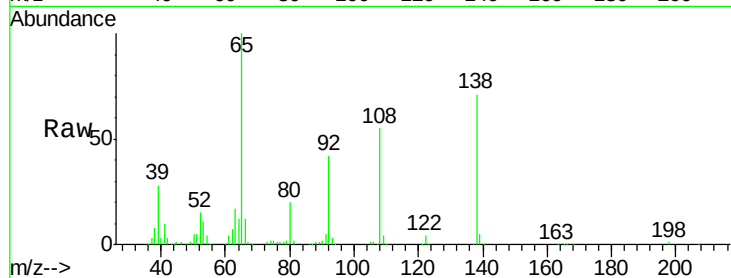
Tgt Ion:138 Resp: 220100

Ion Ratio Lower Upper

138 100

92 58.9 28.4 68.4

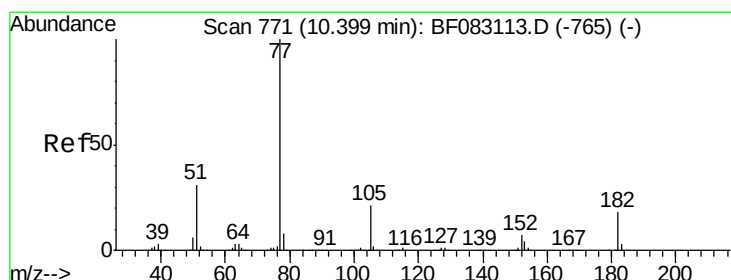
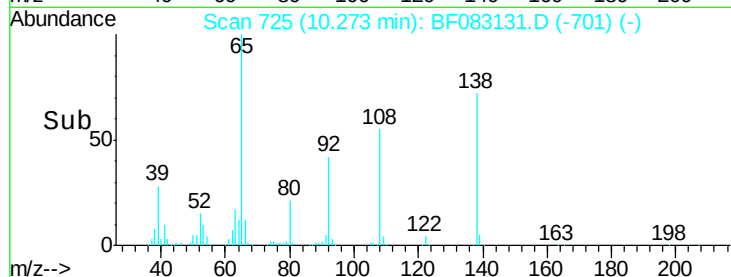
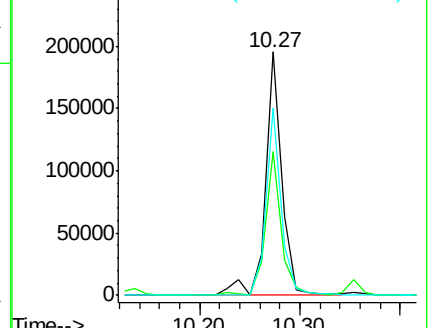
108 77.1 53.5 93.5



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: 36.78 ng

RT: 10.39 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Tgt Ion: 77 Resp: 1222143

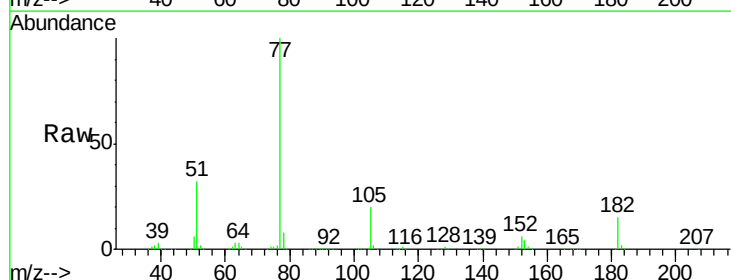
Ion Ratio Lower Upper

77 100

182 15.3 0.0 38.3

105 20.2 1.2 41.2

51 31.7 11.1 51.1

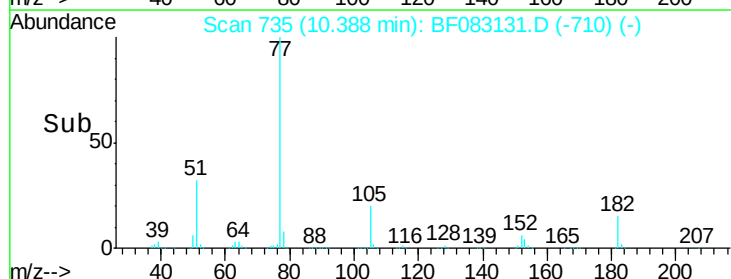
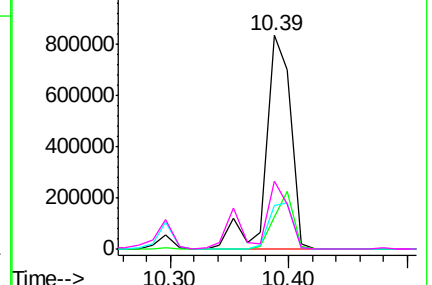


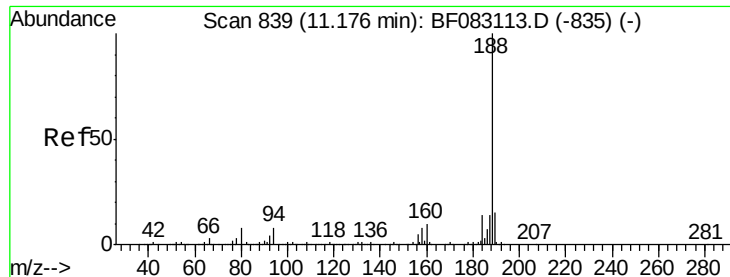
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

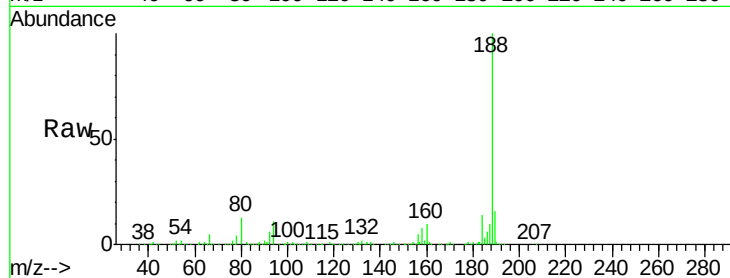




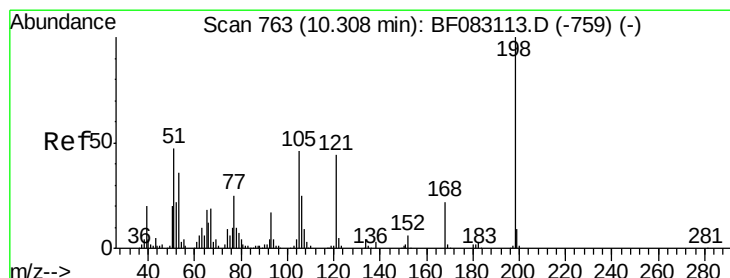
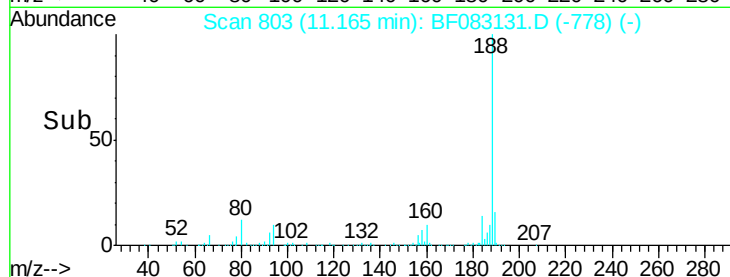
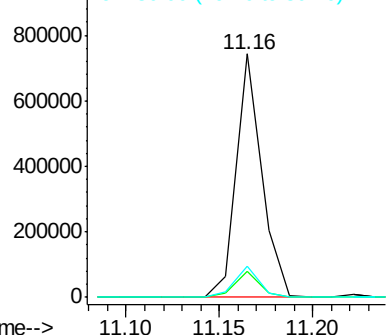
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
PB86744BS

Tgt Ion:188 Resp: 700849
Ion Ratio Lower Upper
188 100
94 10.8 6.0 9.0#
80 12.5 6.7 10.1#

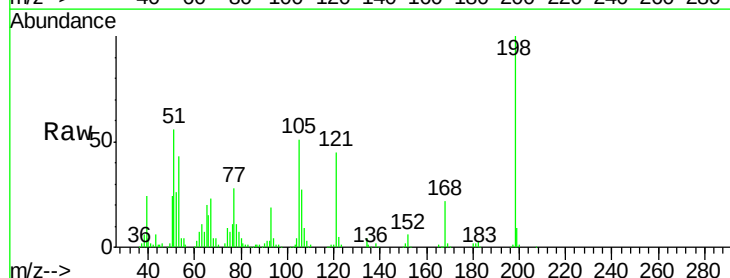


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

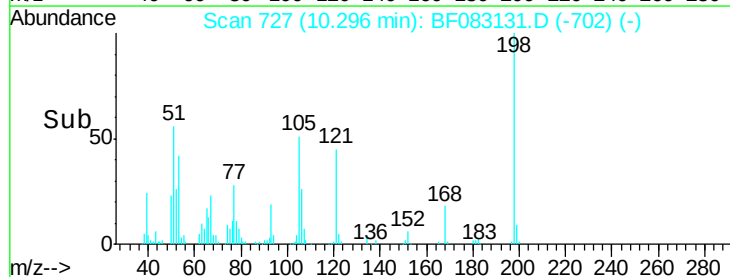
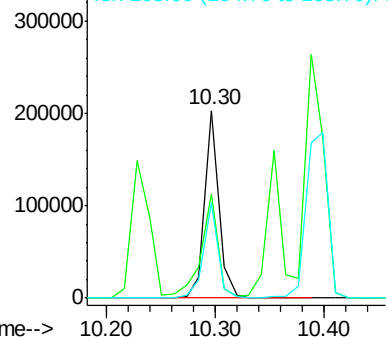


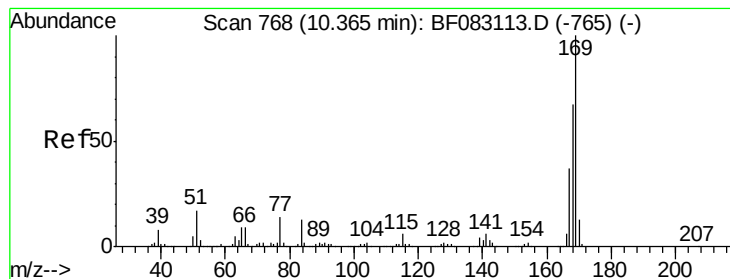
#64
4,6-Dinitro-2-methylphenol
Concen: 38.02 ng
RT: 10.30 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion:198 Resp: 183609
Ion Ratio Lower Upper
198 100
51 55.7 27.0 67.0
105 50.8 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: 34.19 ng

RT: 10.35 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

PB86744BS

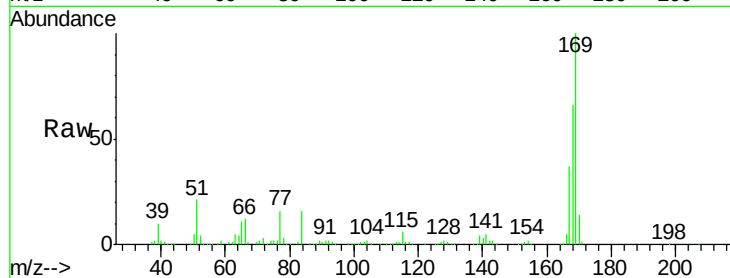
Tgt Ion:169 Resp: 814962

Ion Ratio Lower Upper

169 100

168 66.0 53.8 80.6

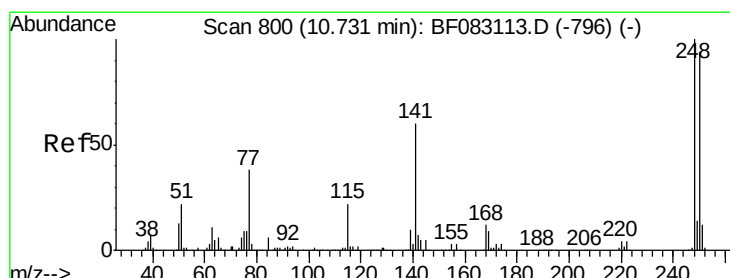
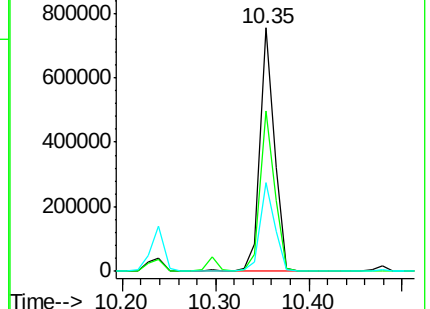
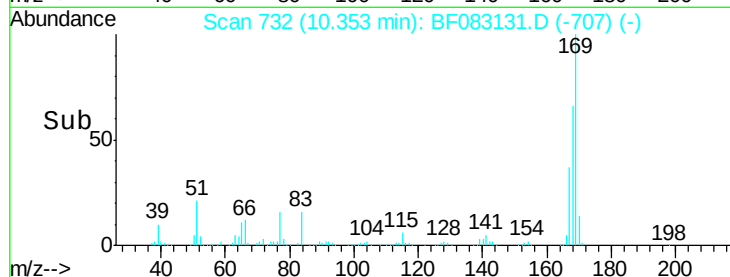
167 36.7 29.8 44.8



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: 36.73 ng

RT: 10.72 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

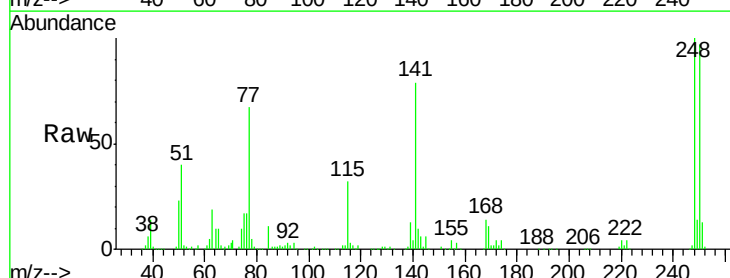
Tgt Ion:248 Resp: 285690

Ion Ratio Lower Upper

248 100

250 97.0 75.4 113.2

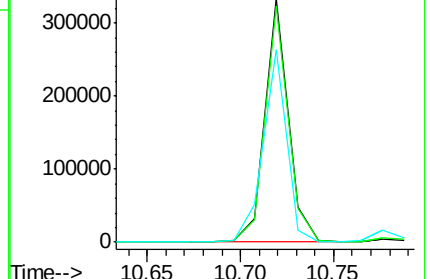
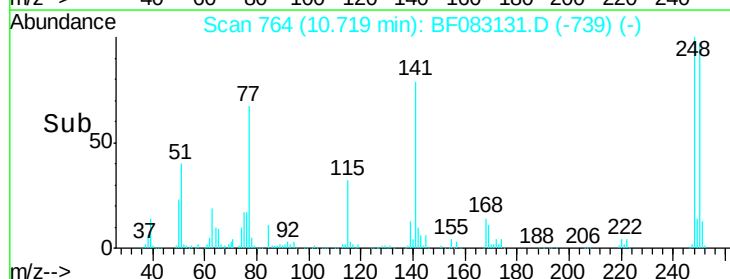
141 78.9 48.1 72.1#

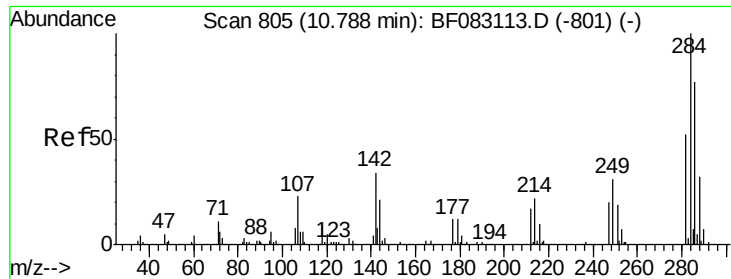


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.94 ng

RT: 10.79 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

PB86744BS

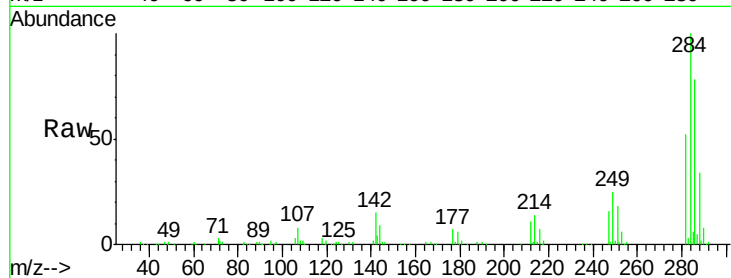
Tgt Ion:284 Resp: 307792

Ion Ratio Lower Upper

284 100

142 15.2 27.6 41.4#

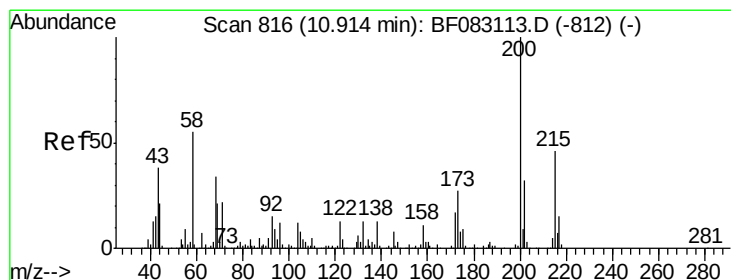
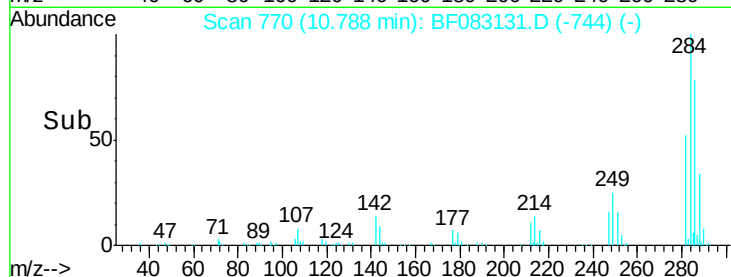
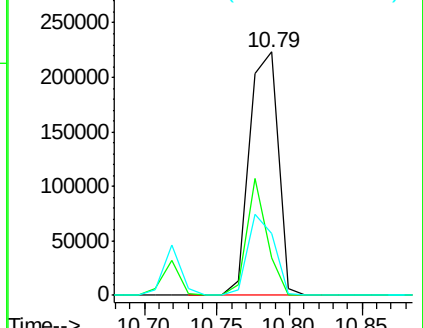
249 25.4 25.5 38.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.66 ng

RT: 10.89 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

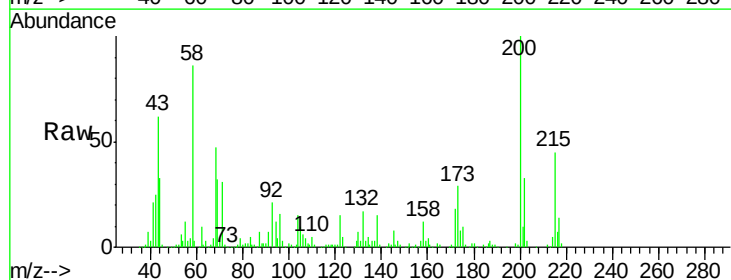
Tgt Ion:200 Resp: 267591

Ion Ratio Lower Upper

200 100

173 29.2 7.2 47.2

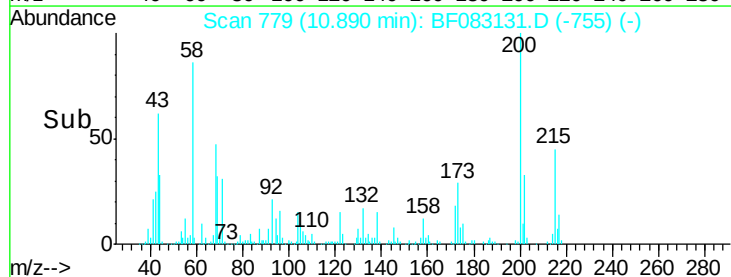
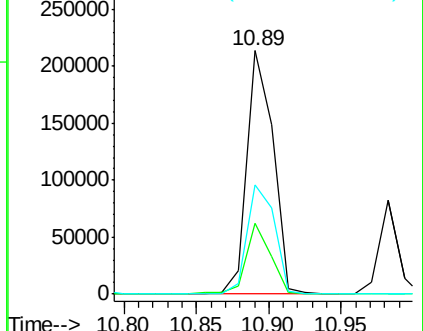
215 44.9 25.7 65.7

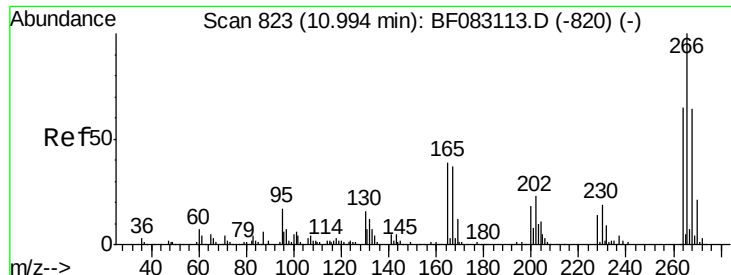


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

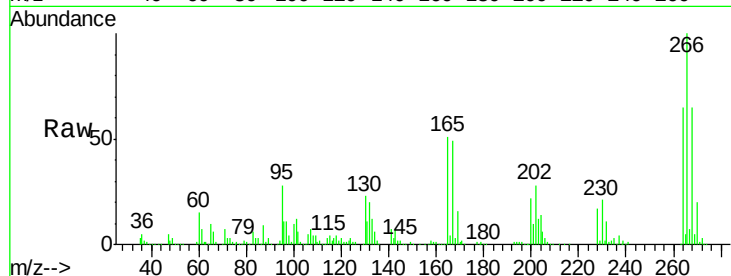




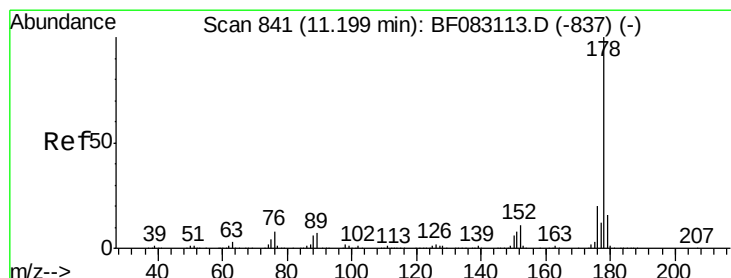
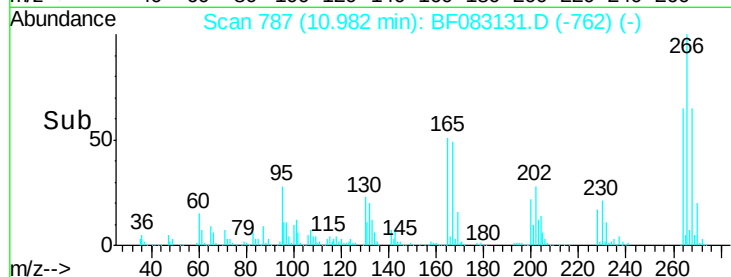
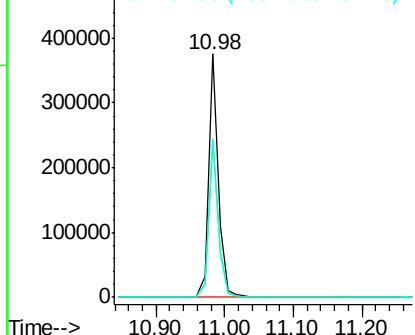
#69
 Pentachlorophenol
 Concen: 66.52 ng
 RT: 10.98 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BS

Tgt Ion:266 Resp: 371105
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.4 77.0
 264 65.0 51.7 77.5

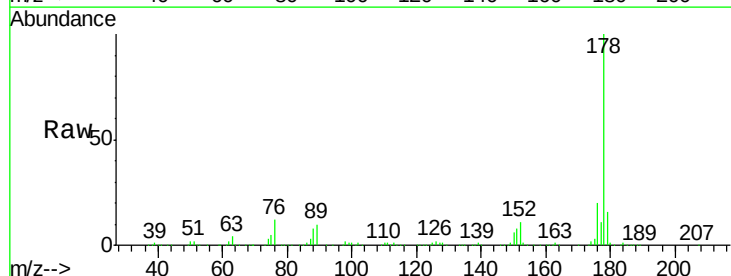


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

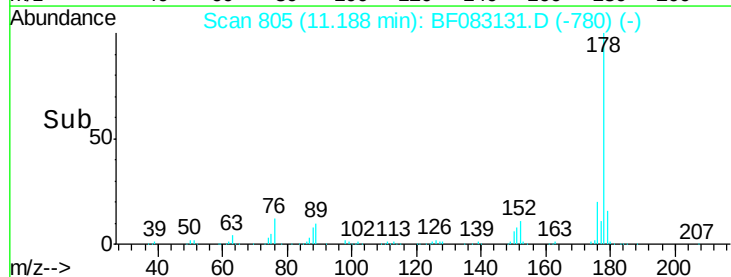
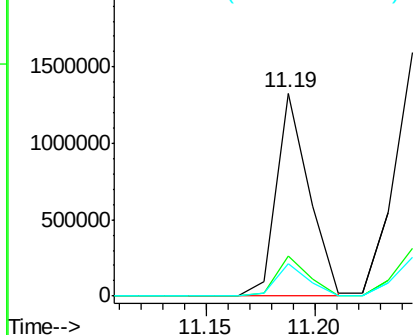


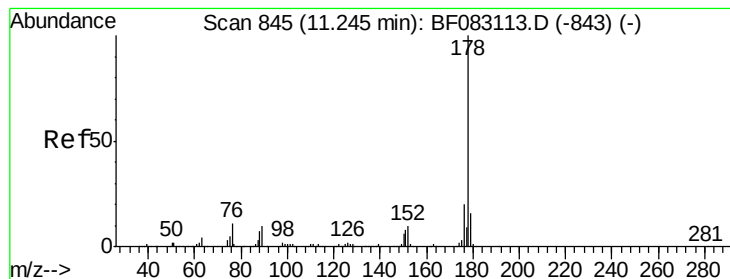
#70
 Phenanthrene
 Concen: 34.50 ng
 RT: 11.19 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Tgt Ion:178 Resp: 1393162
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.2
 179 16.1 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: 37.81 ng

RT: 11.24 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

PB86744BS

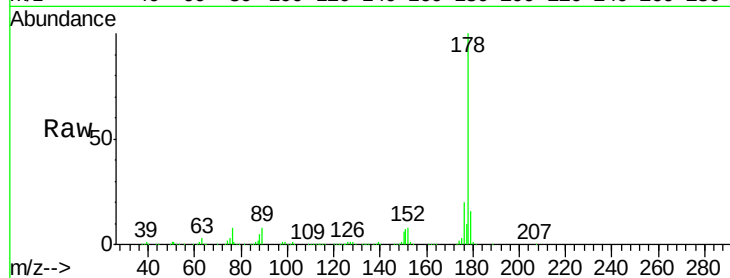
Tgt Ion:178 Resp: 1557492

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

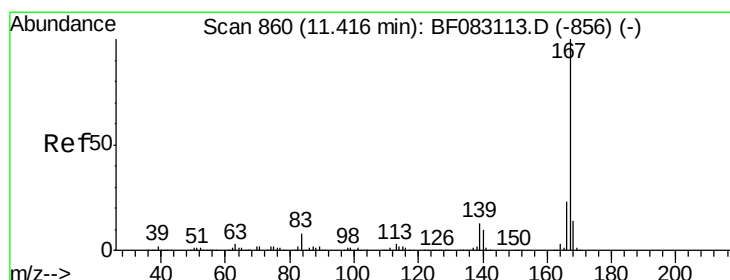
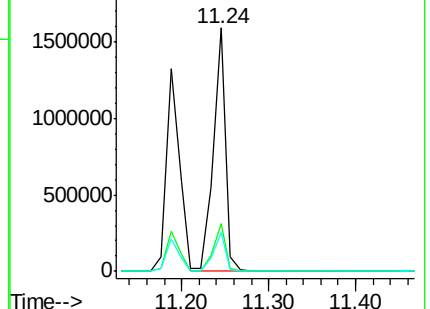
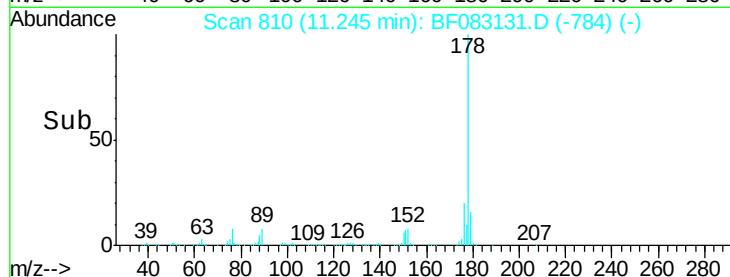
179 16.1 13.2 19.8



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: 36.76 ng

RT: 11.40 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

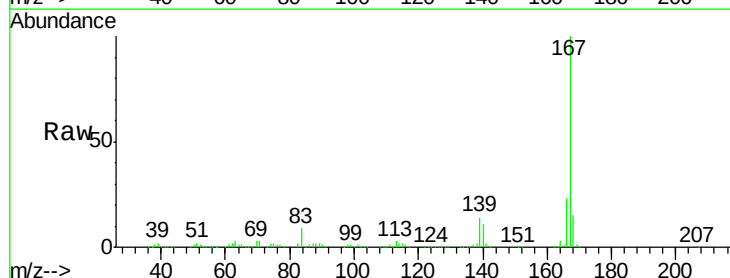
Tgt Ion:167 Resp: 1346054

Ion Ratio Lower Upper

167 100

166 22.6 18.0 27.0

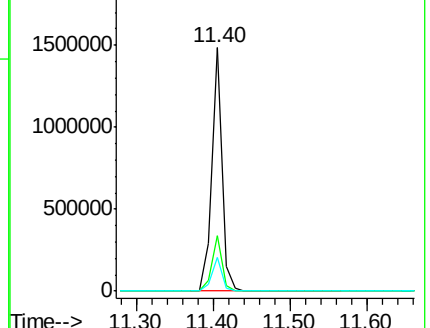
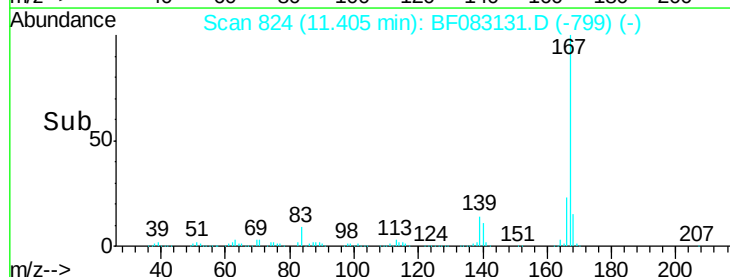
139 13.8 10.5 15.7

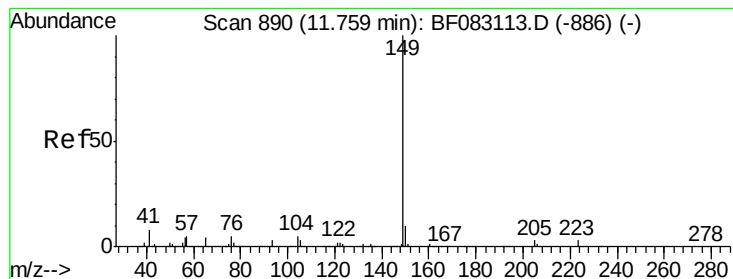


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.60 ng

RT: 11.75 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

PB86744BS

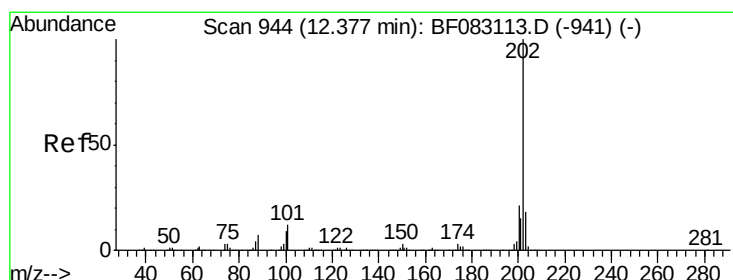
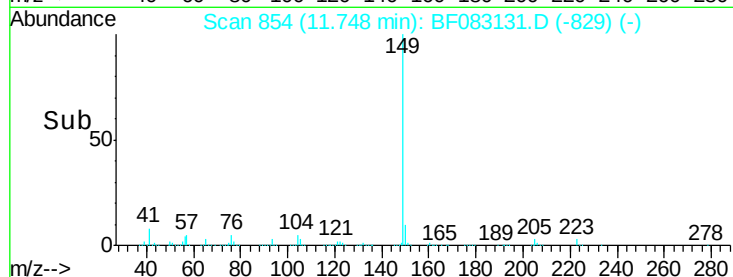
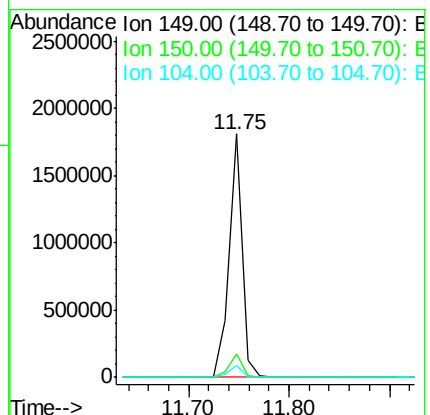
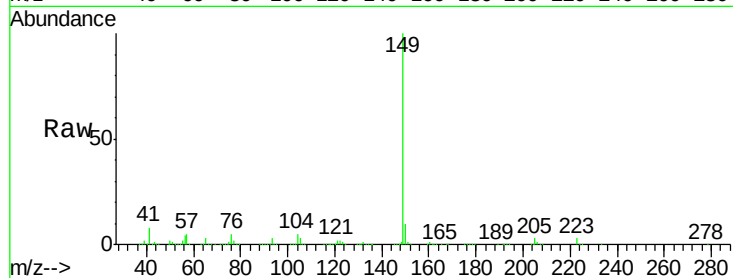
Tgt Ion:149 Resp: 1635647

Ion Ratio Lower Upper

149 100

150 9.7 8.0 12.0

104 5.1 4.4 6.6



#74

Fluoranthene

Concen: 37.31 ng

RT: 12.38 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

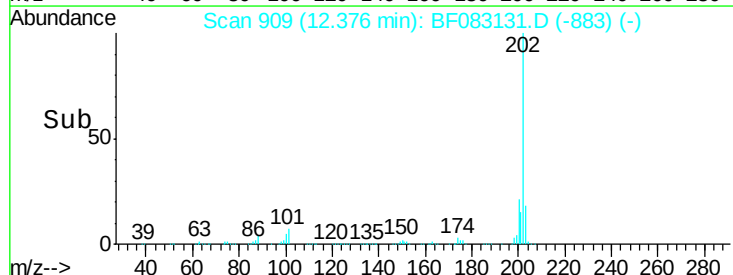
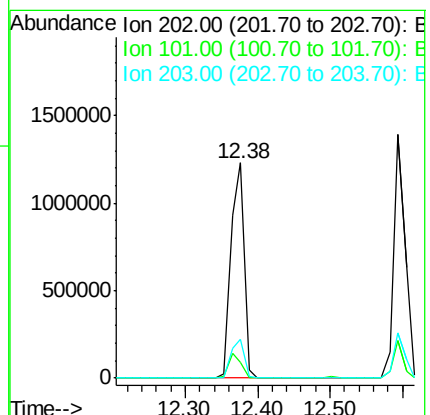
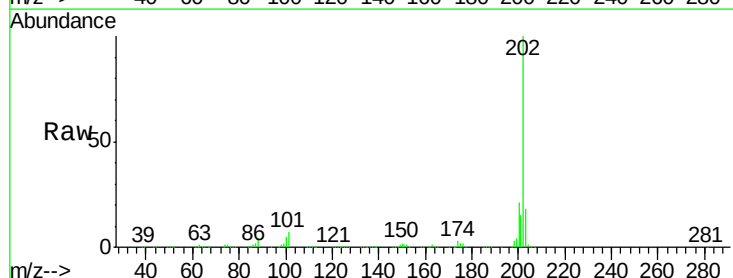
Tgt Ion:202 Resp: 1541812

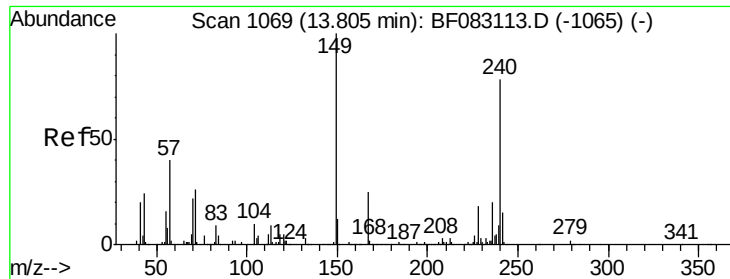
Ion Ratio Lower Upper

202 100

101 7.3 0.0 32.3

203 17.8 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

PB86744BS

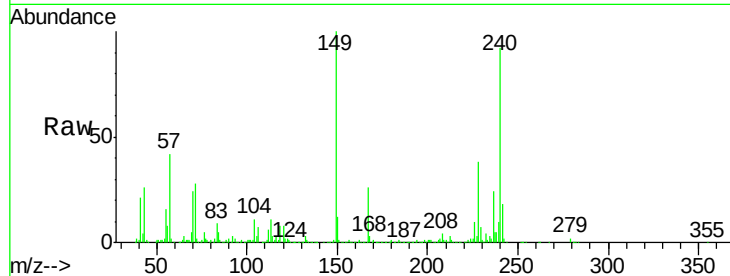
Tgt Ion:240 Resp: 628481

Ion Ratio Lower Upper

240 100

120 9.2 5.4 8.2#

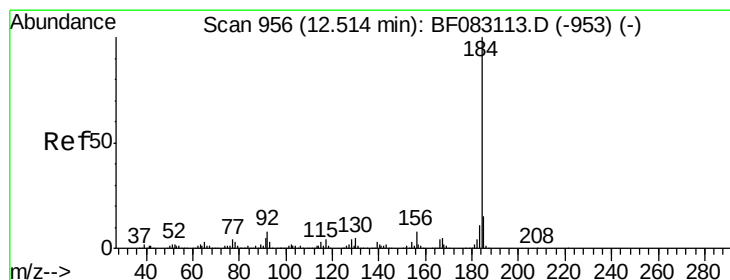
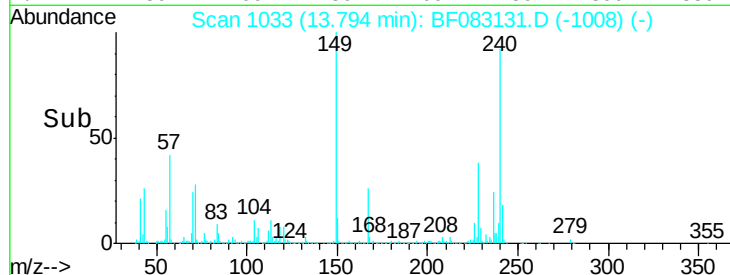
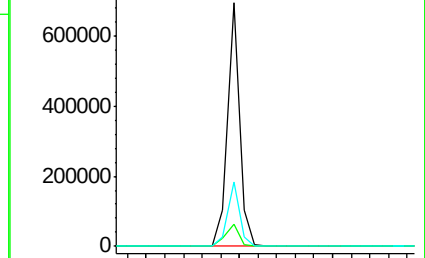
236 26.2 20.6 31.0



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: 41.11 ng

RT: 12.50 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

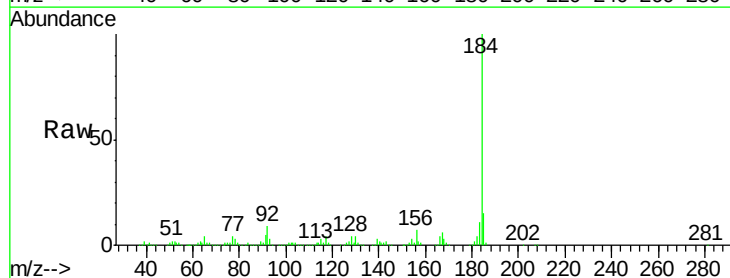
Tgt Ion:184 Resp: 677249

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

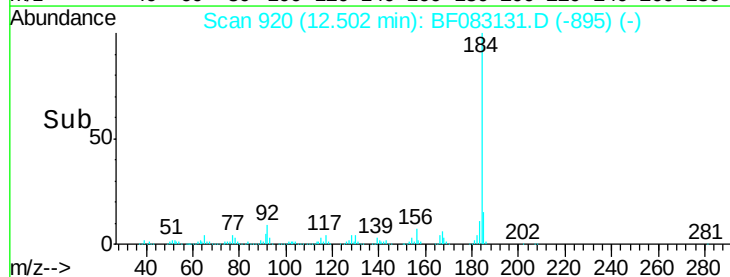
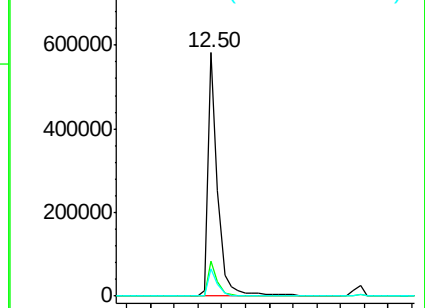
183 11.4 8.8 13.2

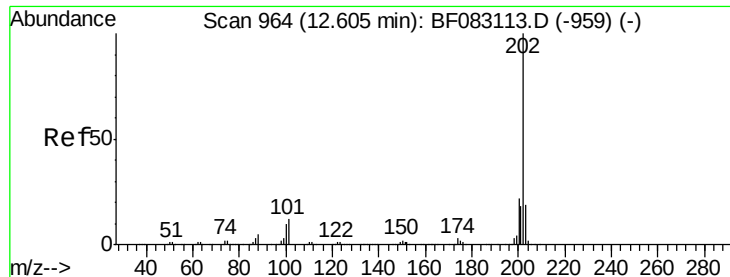


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

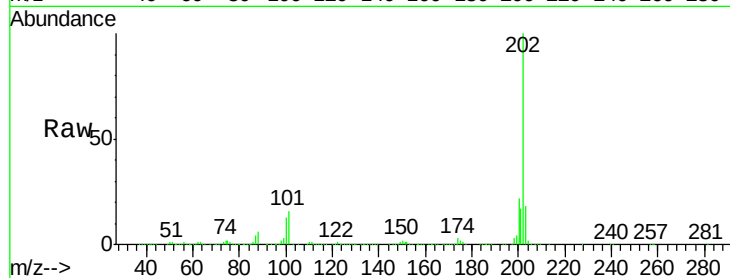




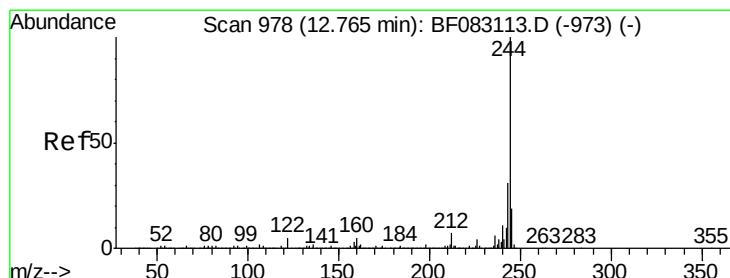
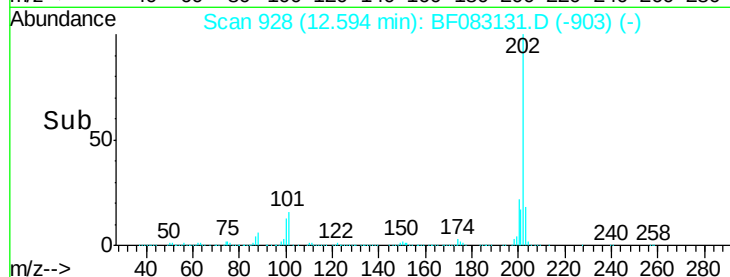
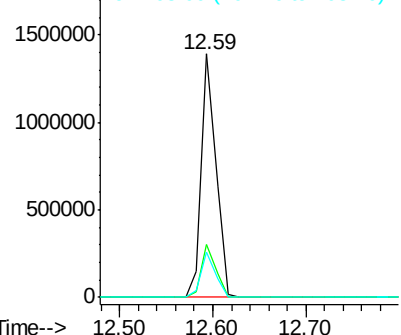
#77
 Pyrene
 Concen: 35.24 ng
 RT: 12.59 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BS

Tgt Ion:202 Resp: 1513166
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.8 26.6
 203 18.4 15.0 22.4

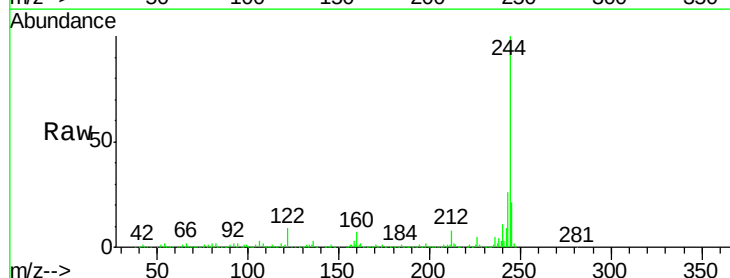


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

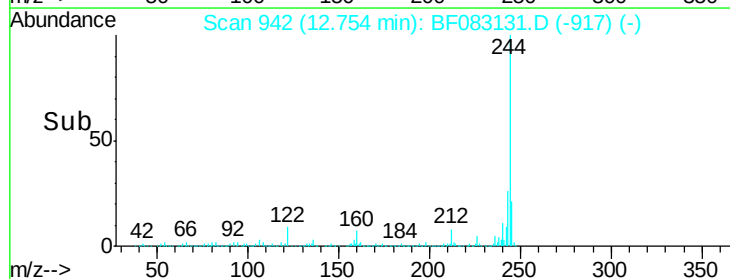
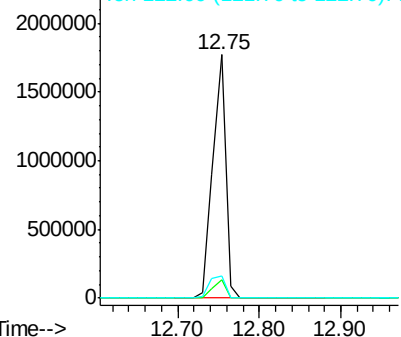


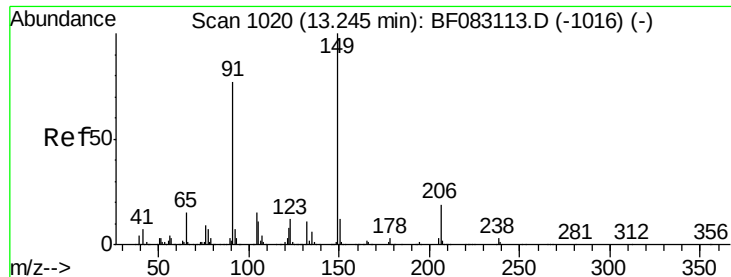
#78
 Terphenyl-d14
 Concen: 36.23 ng
 RT: 12.75 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Tgt Ion:244 Resp: 1934138
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 8.9 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

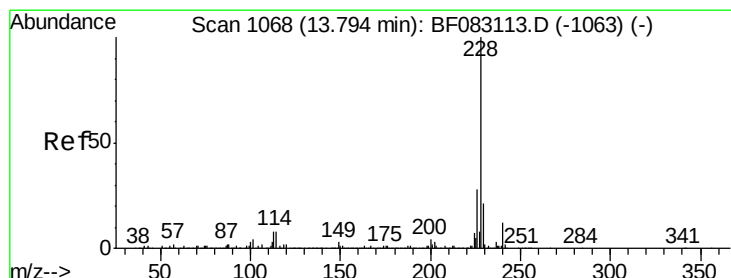
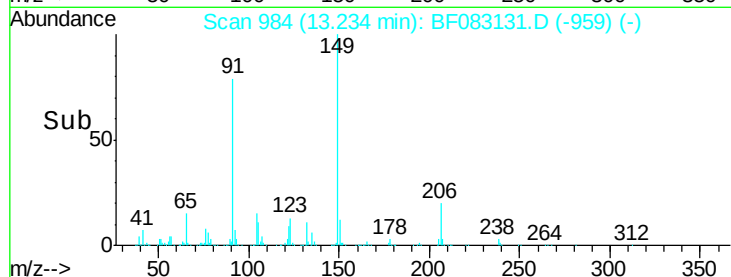
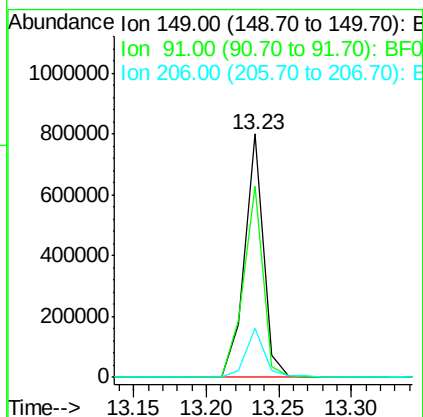
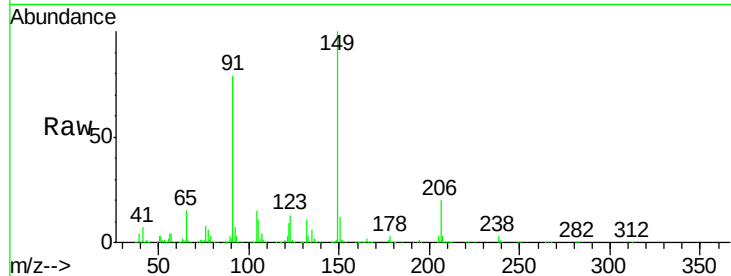




#79
Butylbenzylphthalate
Concen: 35.58 ng
RT: 13.23 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

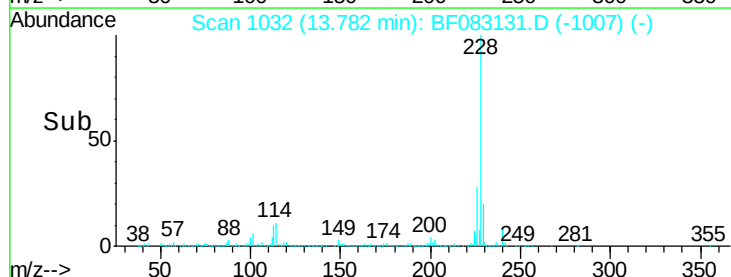
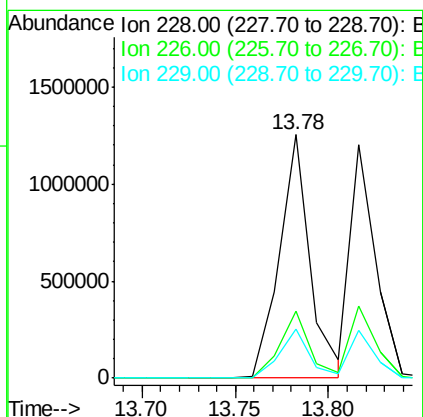
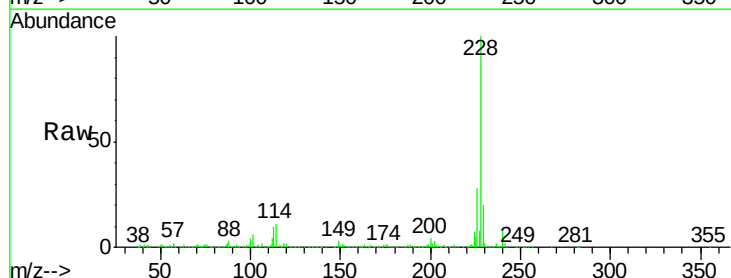
Instrument :
BNA_F
ClientSampleId :
PB86744BS

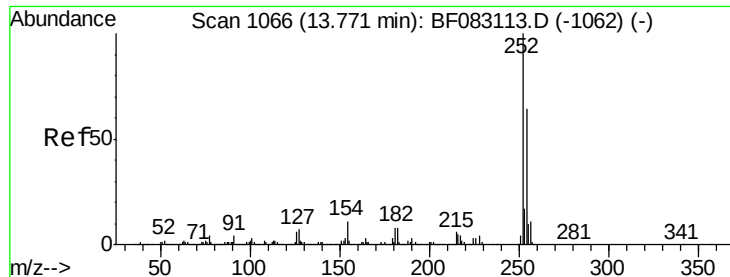
Tgt Ion:149 Resp: 722937
Ion Ratio Lower Upper
149 100
91 78.6 61.5 92.3
206 20.0 15.3 22.9



#80
Benzo(a)anthracene
Concen: 36.88 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion:228 Resp: 1433663
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 20.1 16.6 24.8

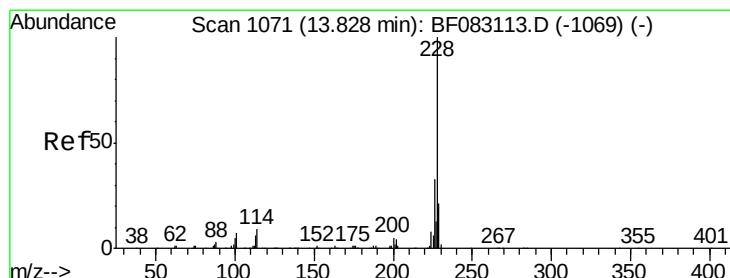
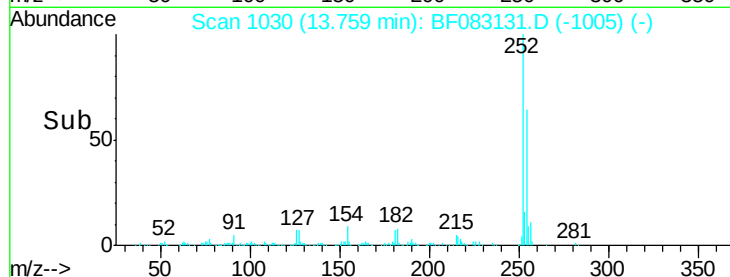
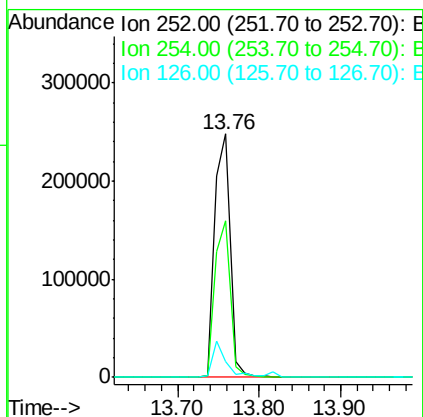
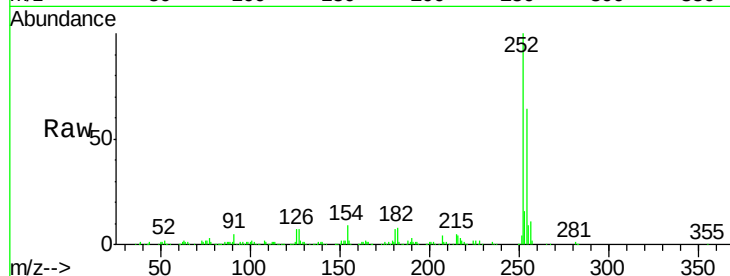




#81
 3,3'-Dichlorobenzidine
 Concen: 24.50 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

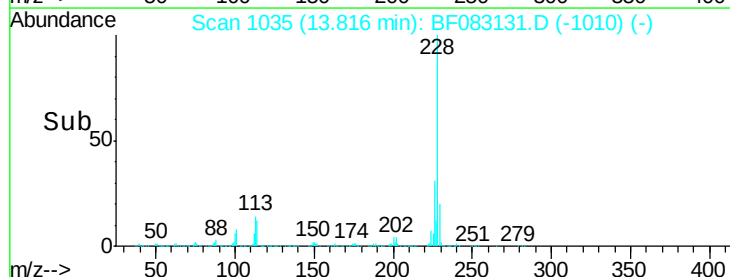
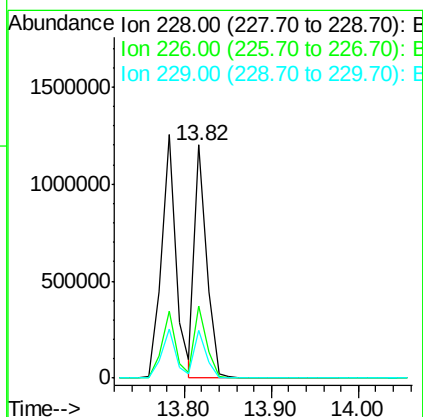
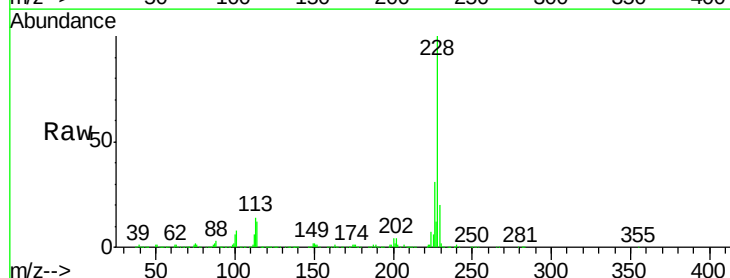
Instrument :
 BNA_F
 ClientSampleId :
 PB86744BS

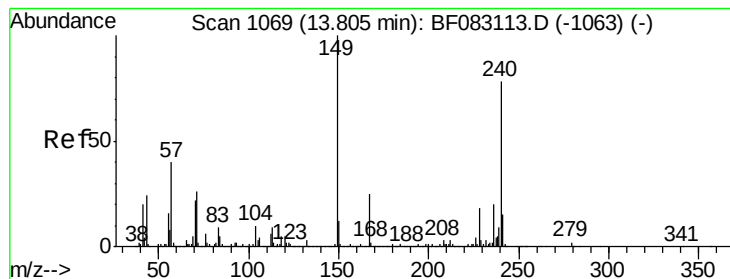
Tgt Ion:252 Resp: 331452
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.5 77.3
 126 6.5 5.2 7.8



#82
 Chrysene
 Concen: 31.97 ng
 RT: 13.82 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF083131.D
 Acq: 22 Nov 2015 1:35

Tgt Ion:228 Resp: 1152426
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.5 38.3
 229 20.3 16.6 25.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.56 ng

RT: 13.79 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

PB86744BS

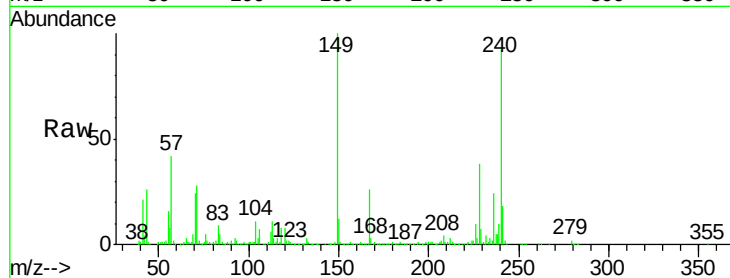
Tgt Ion:149 Resp: 943775

Ion Ratio Lower Upper

149 100

167 25.6 20.1 30.1

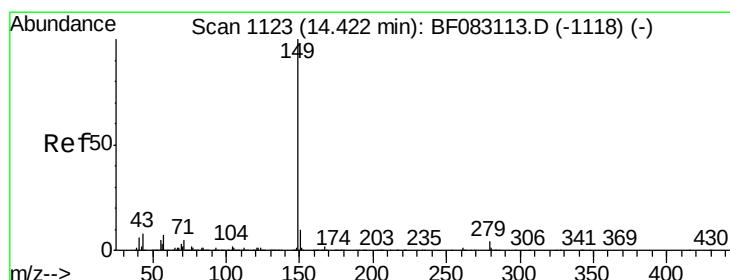
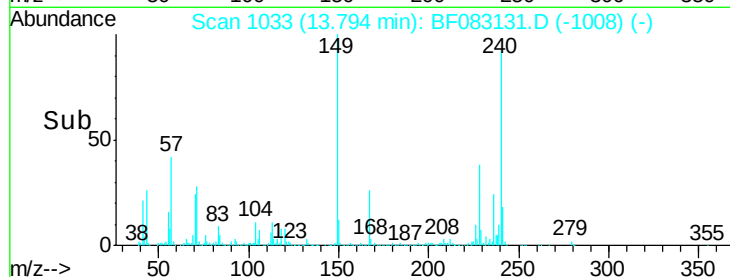
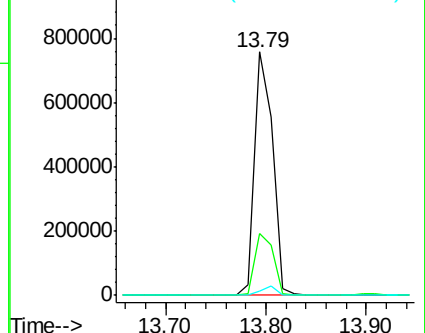
279 2.0 1.7 2.5



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: 35.81 ng

RT: 14.41 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

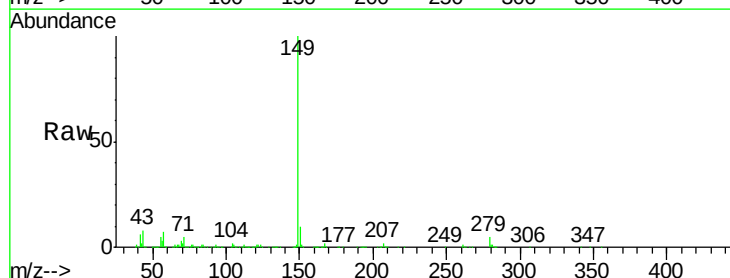
Tgt Ion:149 Resp: 1636294

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

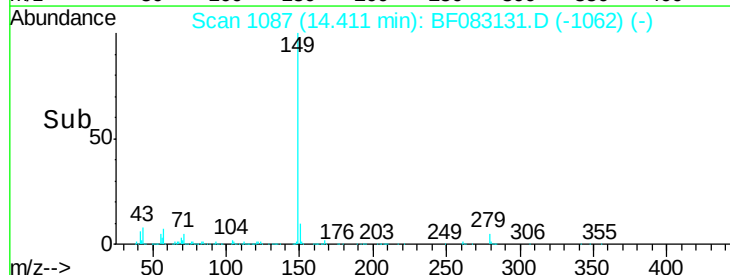
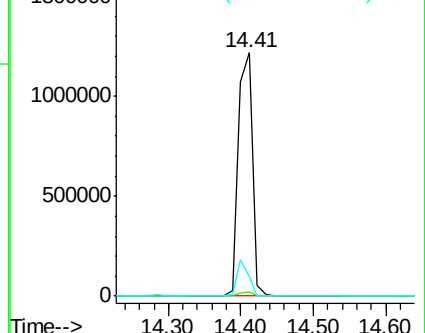
43 12.3 9.5 14.3

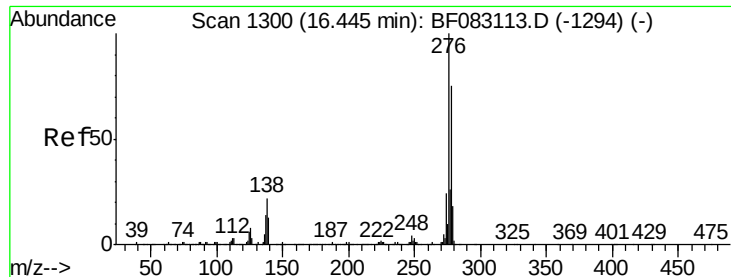


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

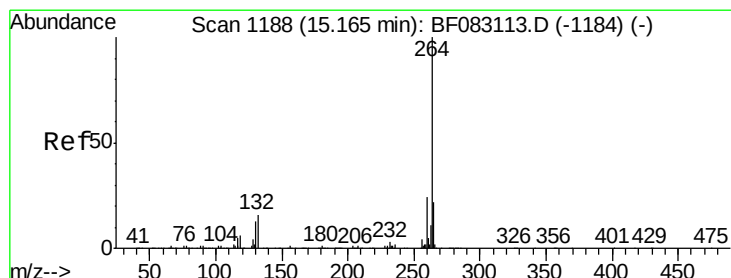
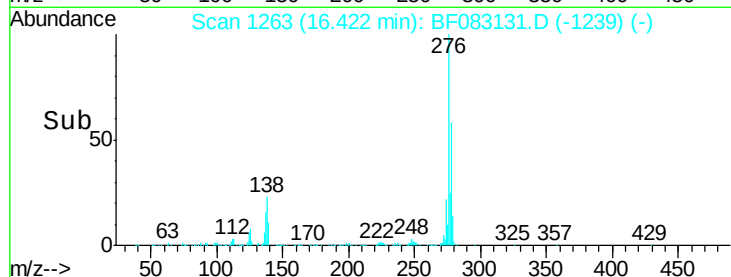
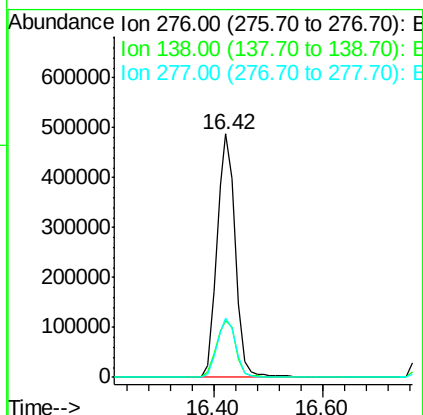
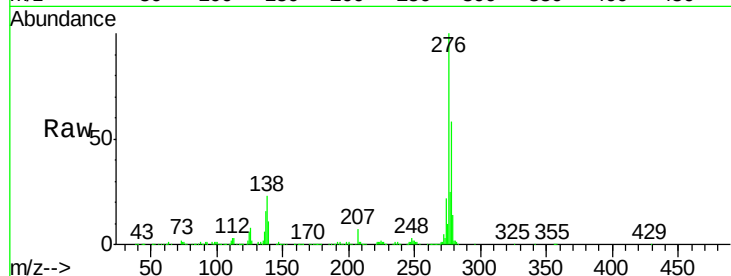




#85
Indeno(1,2,3-cd)pyrene
Concen: 35.45 ng
RT: 16.42 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

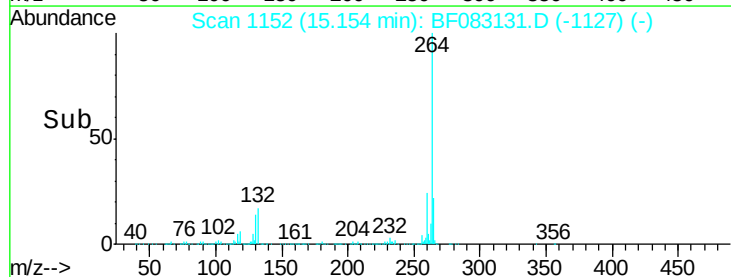
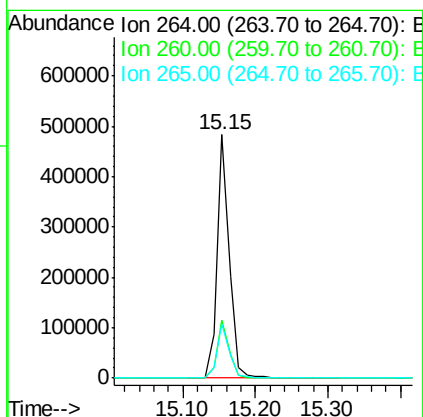
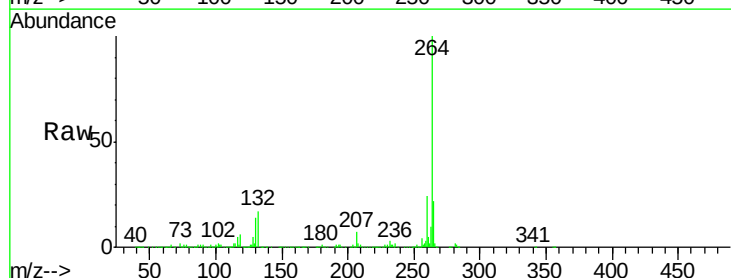
Instrument :
BNA_F
ClientSampleId :
PB86744BS

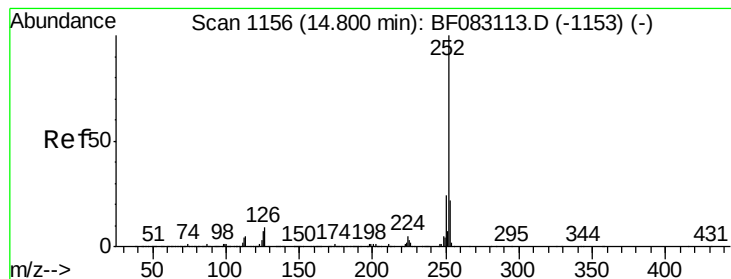
Tgt Ion:276 Resp: 1162288
Ion Ratio Lower Upper
276 100
138 24.5 18.0 27.0
277 24.6 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF083131.D
Acq: 22 Nov 2015 1:35

Tgt Ion:264 Resp: 555266
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 22.0 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 62.84 ng

RT: 14.81 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

PB86744BS

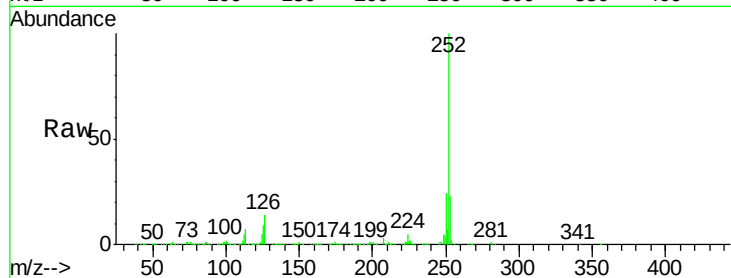
Tgt Ion:252 Resp: 2383962

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

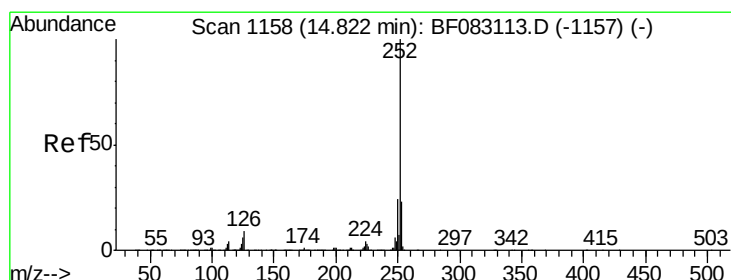
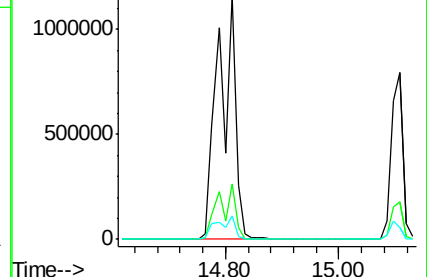
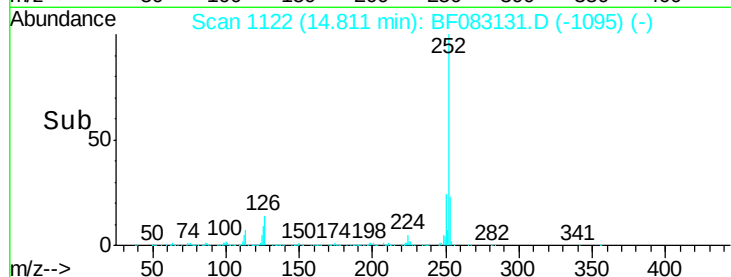
125 9.5 5.6 8.4#



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: 84.34 ng

RT: 14.81 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

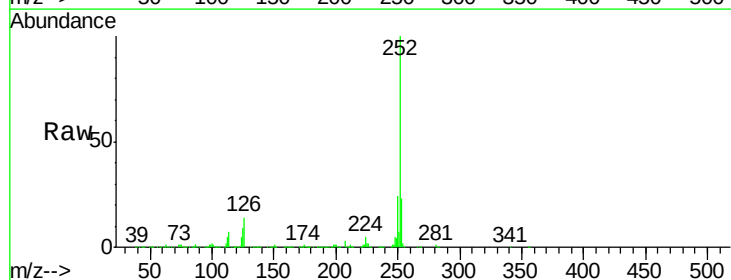
Tgt Ion:252 Resp: 2383962

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

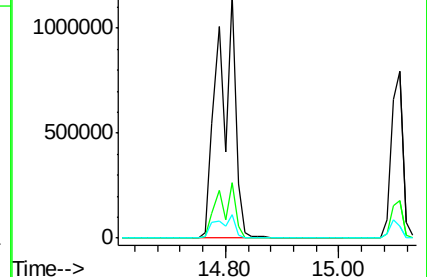
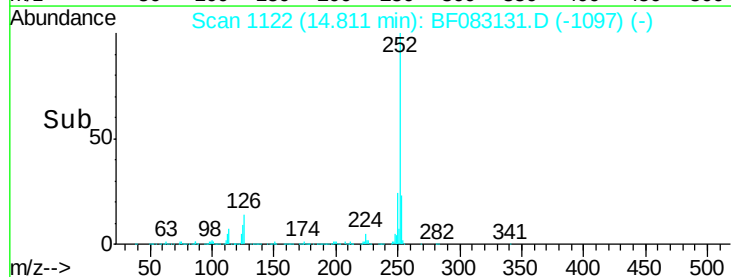
125 9.5 6.8 10.2

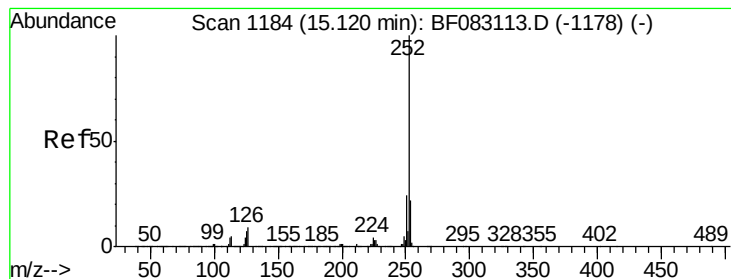


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.48 ng

RT: 15.11 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

PB86744BS

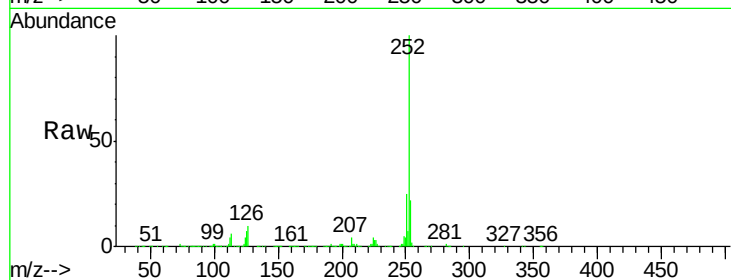
Tgt Ion:252 Resp: 1142605

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

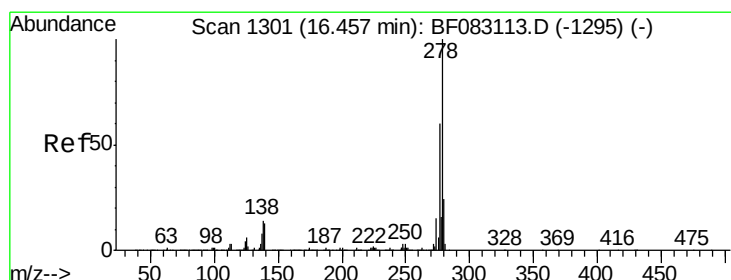
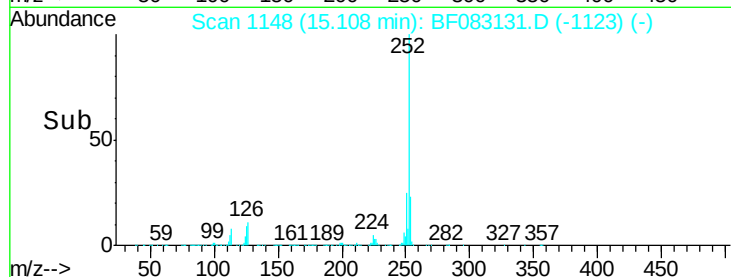
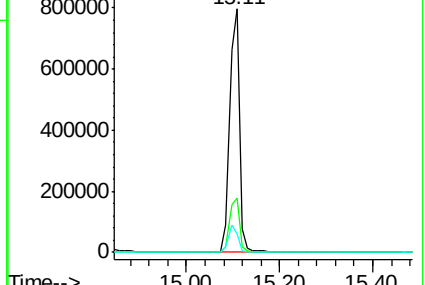
125 7.4 5.4 8.0



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: 34.83 ng

RT: 16.43 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

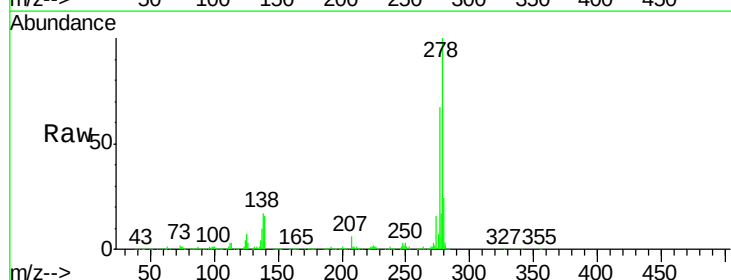
Tgt Ion:278 Resp: 991053

Ion Ratio Lower Upper

278 100

139 15.6 10.7 16.1

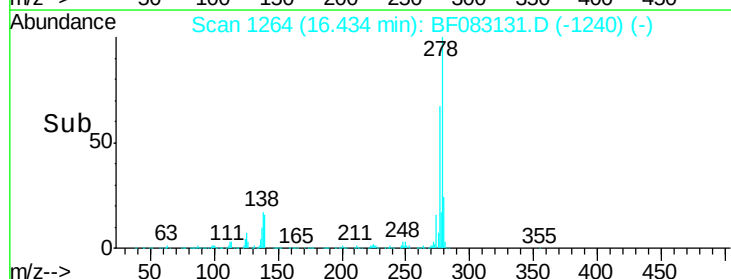
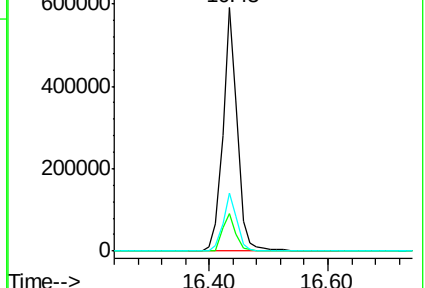
279 24.0 19.3 28.9

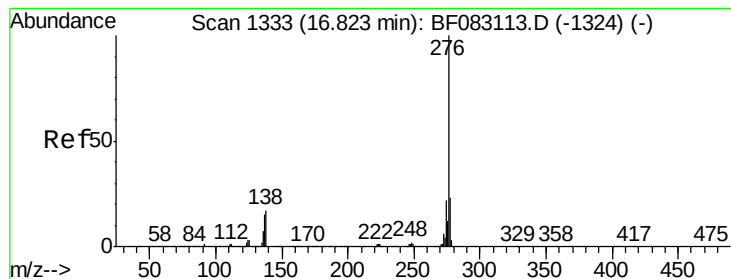


Abundance Ion 278.00 (277.70 to 278.70): E

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: 34.05 ng

RT: 16.80 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BF083131.D

Acq: 22 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

PB86744BS

Tgt Ion: 276 Resp: 945916

Ion Ratio Lower Upper

276 100

277 22.7 18.7 28.1

138 20.0 13.9 20.9

