

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112115\
 Data File : BF083117.D
 Acq On : 21 Nov 2015 18:05
 Operator : UM/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112115

Quant Time: Nov 21 23:33:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 21 16:50:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	188100	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	714831	20.00	ng	-0.01
38) Acenaphthene-d10	9.70	164	369488	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	677843	20.00	ng	0.00
75) Chrysene-d12	13.81	240	553570	20.00	ng	0.00
86) Perylene-d12	15.17	264	515149	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	993649	81.36	ng	-0.01
7) Phenol-d6	6.33	99	1276328	80.78	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1208206	78.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	295286	78.99	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1874541	73.99	ng	0.00
78) Terphenyl-d14	12.75	244	1782431	77.07	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	223069	36.54	ng	98
3) Pyridine	2.98	79	667642	43.21	ng	97
4) n-Nitrosodimethylamine	2.79	42	316217	40.83	ng	99
6) Aniline	6.33	93	807082	40.07	ng	# 81
8) 2-Chlorophenol	6.46	128	542342	41.08	ng	89
9) Benzaldehyde	6.20	77	329410	40.91	ng	97
10) Phenol	6.35	94	735263	38.67	ng	94
11) bis(2-Chloroethyl)ether	6.41	93	594487	43.65	ng	92
12) 1,3-Dichlorobenzene	6.83	146	535075	36.49	ng	97
13) 1,4-Dichlorobenzene	6.67	146	620886	41.41	ng	96
14) 1,2-Dichlorobenzene	6.83	146	535832	39.07	ng	96
15) Benzyl Alcohol	6.83	79	548814	41.33	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	900727	42.66	ng	64
17) 2-Methylphenol	6.95	107	433474	39.87	ng	# 88
18) Hexachloroethane	7.16	117	213644	39.48	ng	91
19) n-Nitroso-di-n-propylamine	7.11	70	465213	42.05	ng	# 95
20) 3+4-Methylphenols	7.11	107	579293	42.18	ng	91
22) Acetophenone	7.10	105	823128	40.72	ng	# 90
24) Nitrobenzene	7.26	77	712570	43.13	ng	# 90
25) Isophorone	7.52	82	1209706	41.09	ng	100
26) 2-Nitrophenol	7.58	139	272974	36.53	ng	# 72
27) 2,4-Dimethylphenol	7.63	122	498443	42.24	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	665402	38.88	ng	98
29) 2,4-Dichlorophenol	7.83	162	445177	39.96	ng	94
30) 1,2,4-Trichlorobenzene	7.90	180	477992	39.43	ng	95
31) Naphthalene	7.96	128	1446924	38.56	ng	99
32) Benzoic acid	7.80	122	401788	42.44	ng	98
33) 4-Chloroaniline	8.03	127	618720	41.49	ng	96
34) Hexachlorobutadiene	8.09	225	290594	40.56	ng	98
35) Caprolactam	8.47	113	146036	42.92	ng	# 84
36) 4-Chloro-3-methylphenol	8.54	107	523143	40.57	ng	91
37) 2-Methylnaphthalene	8.66	142	1028372	42.41	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	441448	37.24	ng	98
40) Hexachlorocyclopentadiene	8.82	237	265388	37.73	ng	97

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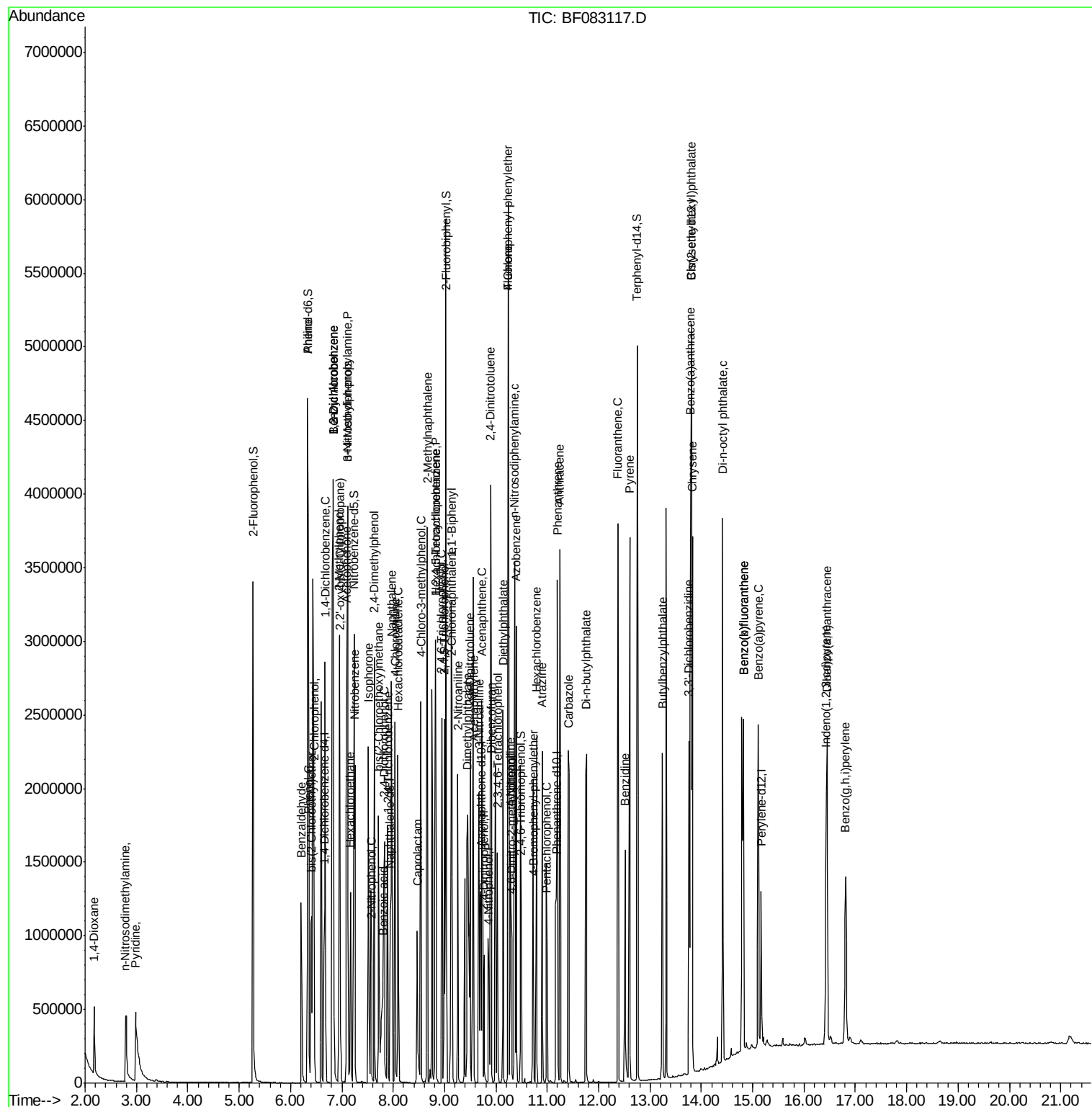
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	323056	37.69	ng	99
43) 2,4,5-Trichlorophenol	8.99	196	358226	40.98	ng #	92
45) 1,1'-Biphenyl	9.13	154	1236827	40.20	ng	97
46) 2-Chloronaphthalene	9.14	162	912380	37.70	ng	95
47) 2-Nitroaniline	9.26	65	374889	42.34	ng #	87
48) Acenaphthylene	9.56	152	1468115	39.13	ng	99
49) Dimethylphthalate	9.45	163	1124908	40.36	ng	98
50) 2,6-Dinitrotoluene	9.50	165	248809	38.81	ng #	83
51) Acenaphthene	9.72	154	880269	38.73	ng	99
52) 3-Nitroaniline	9.67	138	255687	36.42	ng	95
53) 2,4-Dinitrophenol	9.77	184	150659	40.97	ng #	89
54) Dibenzofuran	9.91	168	1249852	39.07	ng	90
55) 4-Nitrophenol	9.86	139	193793	37.14	ng	87
56) 2,4-Dinitrotoluene	9.90	165	326046	40.32	ng #	85
57) Fluorene	10.24	166	970238	36.71	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	283581	39.60	ng	99
59) Diethylphthalate	10.14	149	1068886	38.30	ng	98
60) 4-Chlorophenyl-phenylether	10.24	204	482849	40.18	ng #	88
61) 4-Nitroaniline	10.28	138	268803	38.96	ng	97
62) Azobenzene	10.40	77	1308785	41.23	ng	90
64) 4,6-Dinitro-2-methylphenol	10.31	198	208140	42.88	ng	98
65) n-Nitrosodiphenylamine	10.36	169	954883	42.12	ng	99
66) 4-Bromophenyl-phenylether	10.73	248	293855	39.28	ng #	70
67) Hexachlorobenzene	10.79	284	339625	41.48	ng	91
68) Atrazine	10.90	200	249494	37.69	ng	96
69) Pentachlorophenol	10.99	266	217111	39.33	ng	96
70) Phenanthrene	11.20	178	1580466	41.90	ng	99
71) Anthracene	11.24	178	1465616	37.56	ng	99
72) Carbazole	11.42	167	1383722	39.93	ng	98
73) Di-n-butylphthalate	11.76	149	1728285	40.50	ng #	98
74) Fluoranthene	12.38	202	1539802	39.61	ng	100
76) Benzidine	12.51	184	699641	48.22	ng	99
77) Pyrene	12.61	202	1679548	45.04	ng	100
79) Butylbenzylphthalate	13.25	149	770066	42.74	ng #	72
80) Benzo(a)anthracene	13.79	228	1444213	41.16	ng	99
81) 3,3'-Dichlorobenzidine	13.76	252	471039	39.50	ng	98
82) Chrysene	13.83	228	1424846	48.30	ng	99
83) Bis(2-ethylhexyl)phthalate	13.81	149	1041537	44.89	ng	98
84) Di-n-octyl phthalate	14.41	149	1703911	42.84	ng	96
85) Indeno(1,2,3-cd)pyrene	16.43	276	1195770	42.54	ng	97
87) Benzo(b)fluoranthene	14.82	252	2400880	70.24	ng #	97
88) Benzo(k)fluoranthene	14.82	252	2400880	92.32	ng #	99
89) Benzo(a)pyrene	15.11	252	1083900	38.17	ng #	97
90) Dibenzo(a,h)anthracene	16.45	278	1010418	39.20	ng #	96
91) Benzo(g,h,i)perylene	16.81	276	956561	38.00	ng #	95

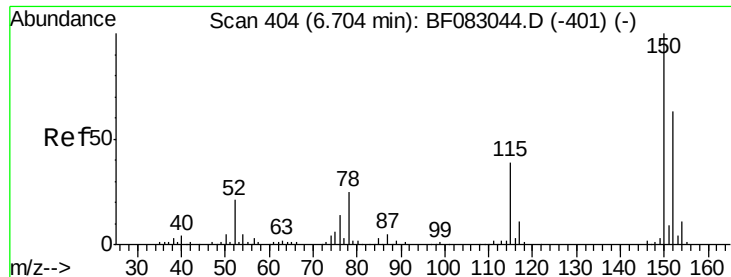
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

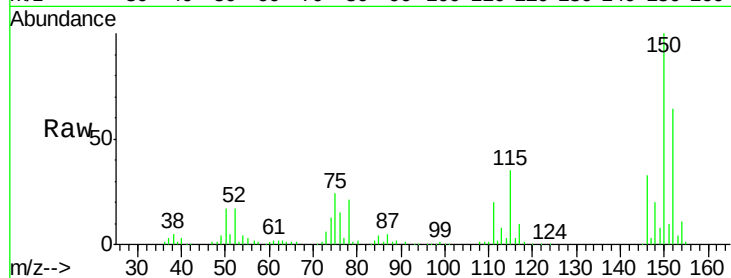
Tgt Ion:152 Resp: 188100

Ion Ratio Lower Upper

152 100

150 157.1 126.4 189.6

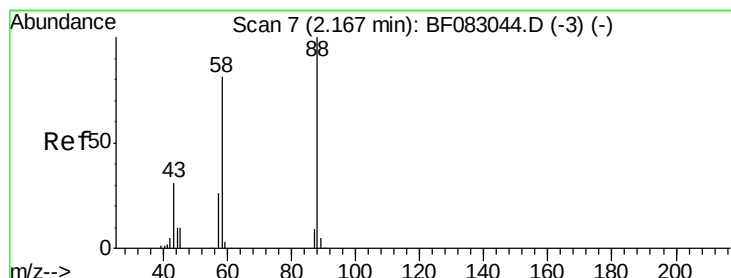
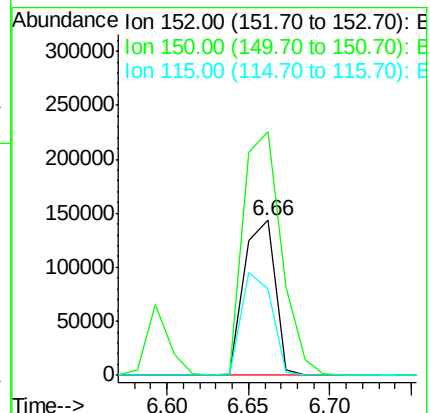
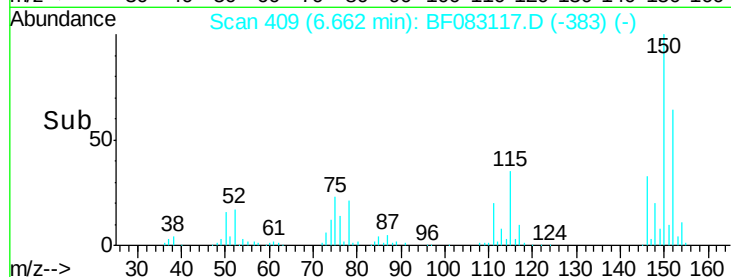
115 55.4 49.0 73.6



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: 36.54 ng

RT: 2.17 min Scan# 16

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

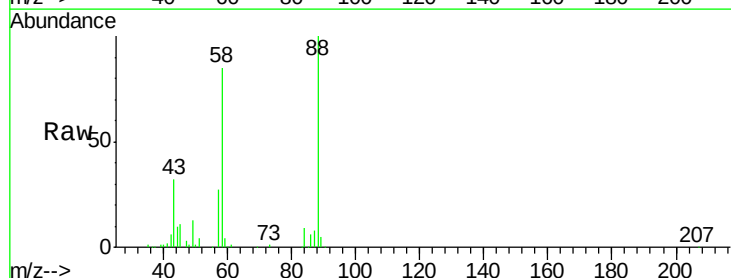
Tgt Ion: 88 Resp: 223069

Ion Ratio Lower Upper

88 100

58 83.2 64.8 97.2

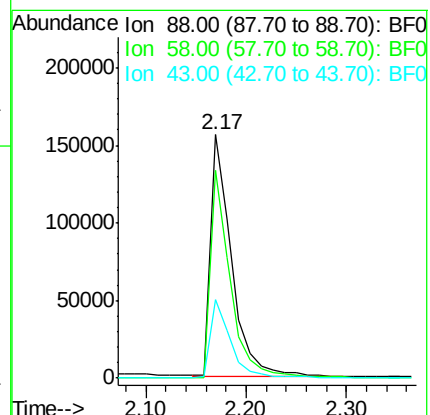
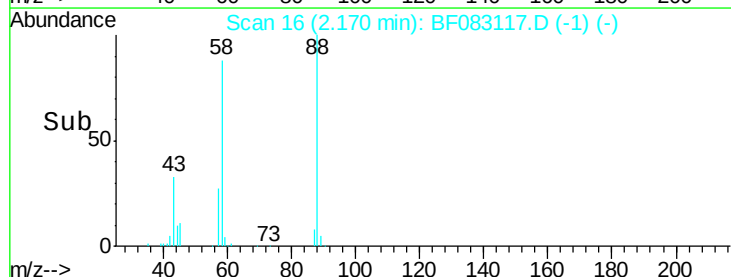
43 32.8 26.2 39.4

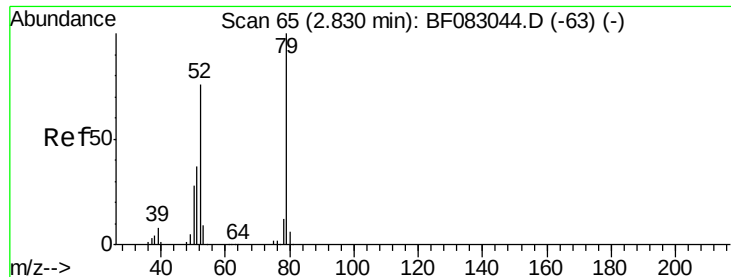


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 43.21 ng

RT: 2.98 min Scan# 87

Delta R.T. -0.08 min

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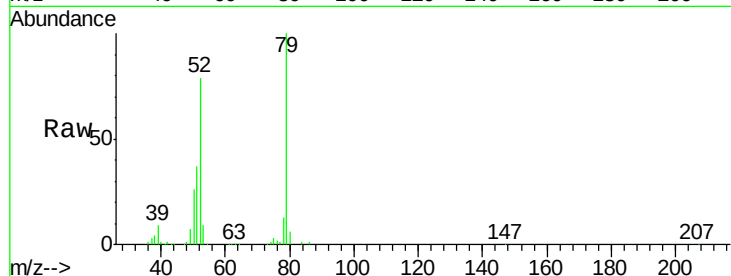
Tgt Ion: 79 Resp: 667642

Ion Ratio Lower Upper

79 100

52 79.4 61.0 91.4

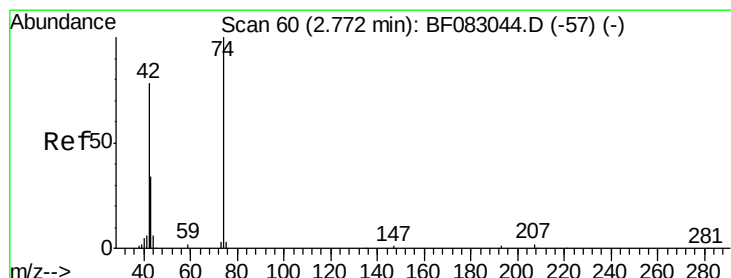
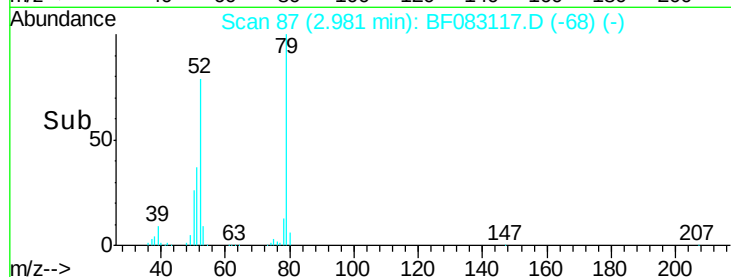
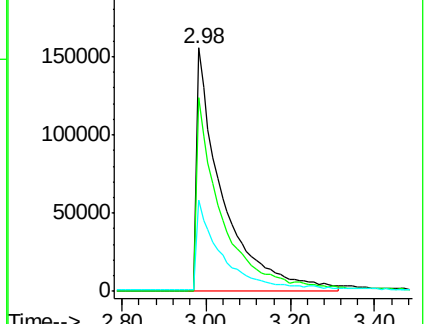
51 37.4 30.0 45.0



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: 40.83 ng

RT: 2.79 min Scan# 70

Delta R.T. -0.03 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

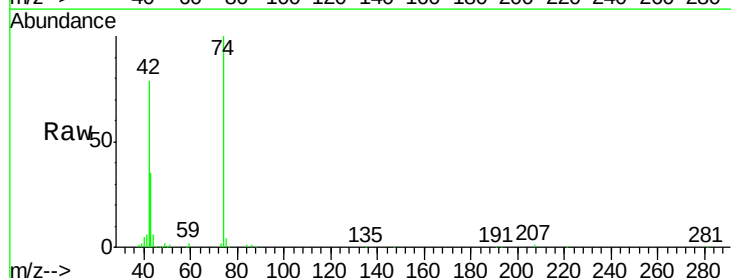
Tgt Ion: 42 Resp: 316217

Ion Ratio Lower Upper

42 100

74 126.6 102.4 153.6

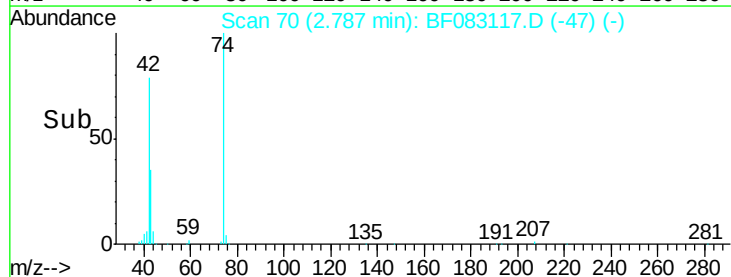
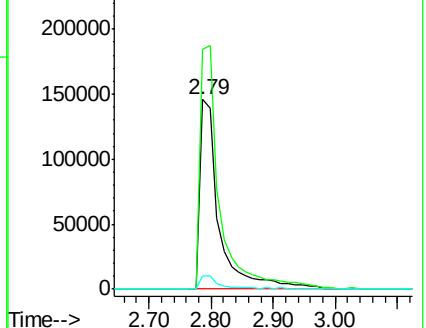
44 7.2 5.8 8.8

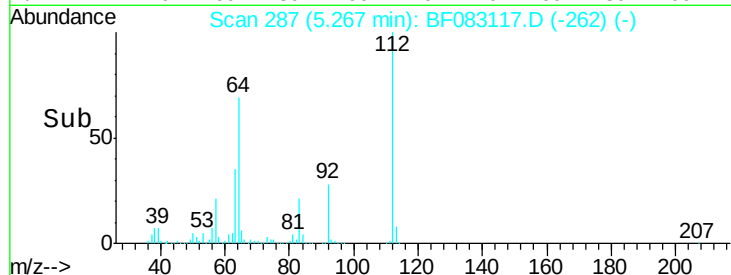
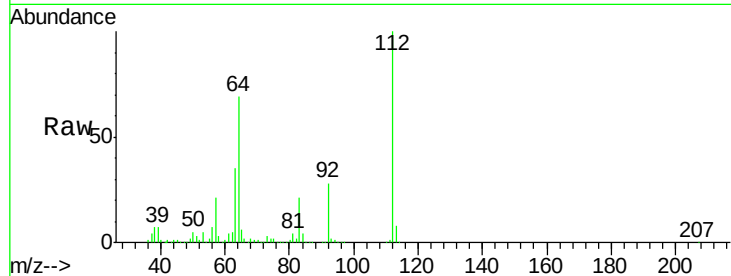
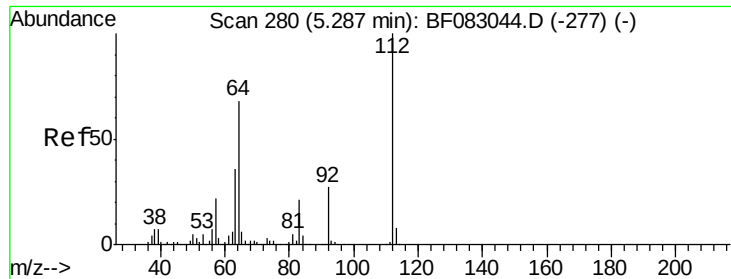


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 81.36 ng

RT: 5.27 min Scan# 287

Delta R.T. -0.01 min

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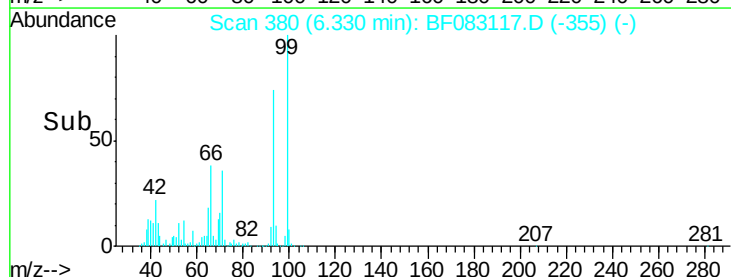
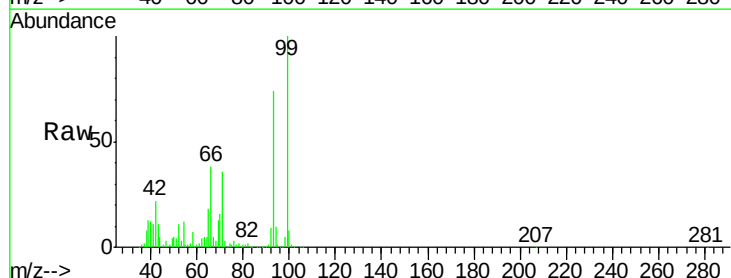
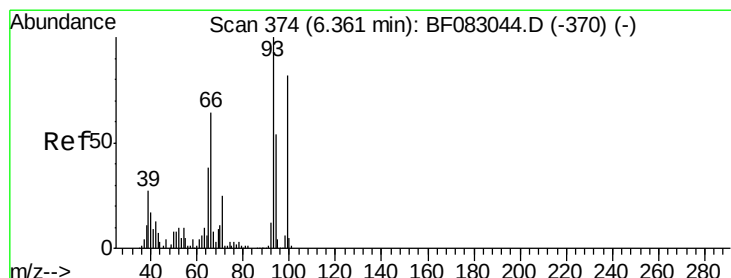
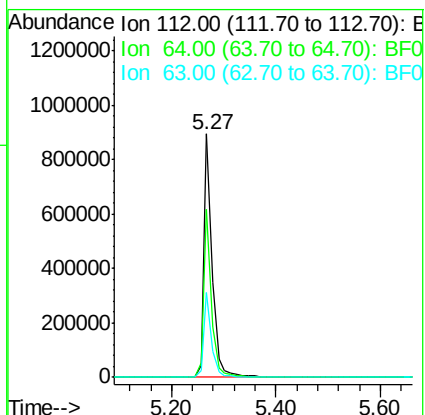
Tgt Ion: 112 Resp: 993649

Ion Ratio Lower Upper

112 100

64 69.1 54.8 82.2

63 35.1 29.0 43.4



#6

Aniline

Concen: 40.07 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

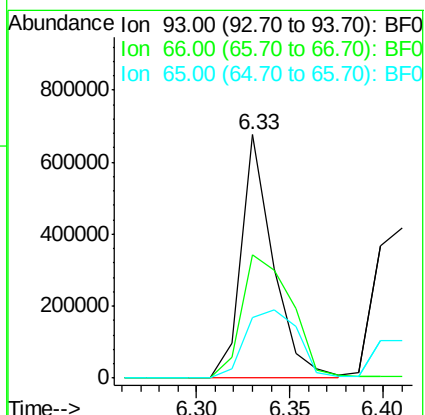
Tgt Ion: 93 Resp: 807082

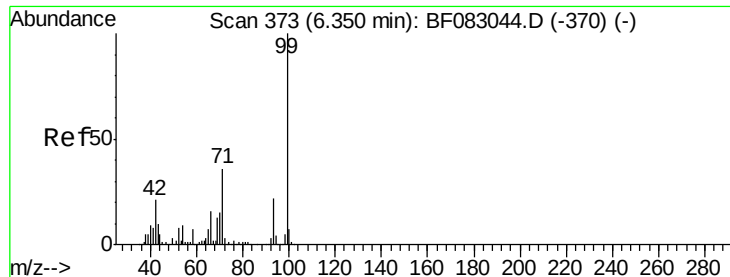
Ion Ratio Lower Upper

93 100

66 50.8 51.4 77.2#

65 24.9 30.7 46.1#





#7

Phenol-d6

Concen: 80.78 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

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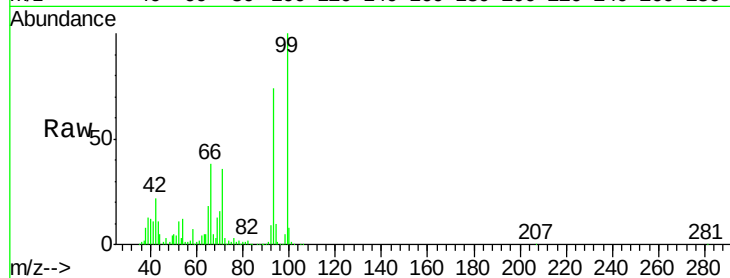
Tgt Ion: 99 Resp: 1276328

Ion Ratio Lower Upper

99 100

42 22.2 16.6 25.0

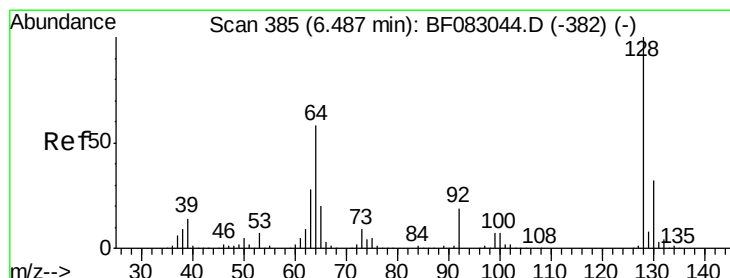
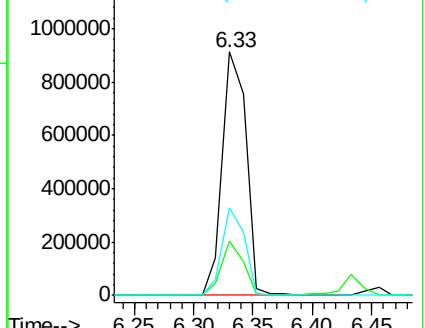
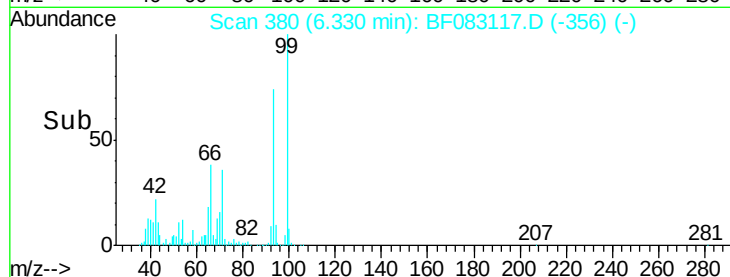
71 36.0 29.2 43.8



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: 41.08 ng

RT: 6.46 min Scan# 391

Delta R.T. -0.00 min

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Acq: 21 Nov 2015 18:05

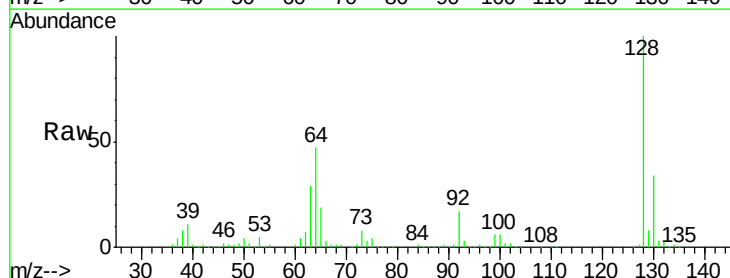
Tgt Ion: 128 Resp: 542342

Ion Ratio Lower Upper

128 100

130 33.8 12.3 52.3

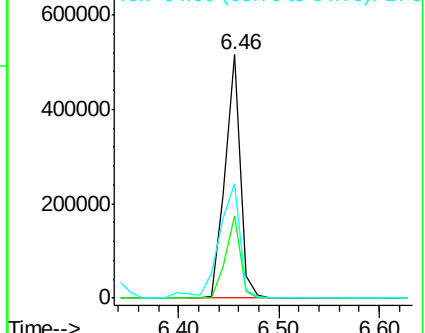
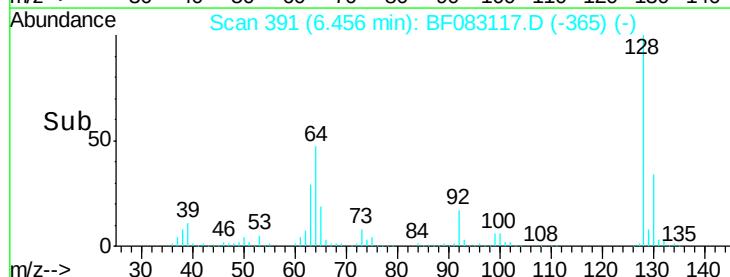
64 47.1 38.3 78.3

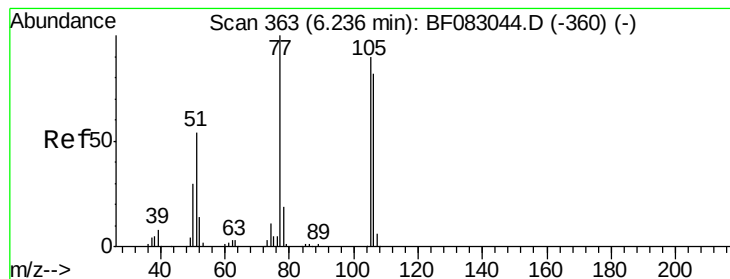


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.91 ng

RT: 6.20 min Scan# 369

Delta R.T. -0.01 min

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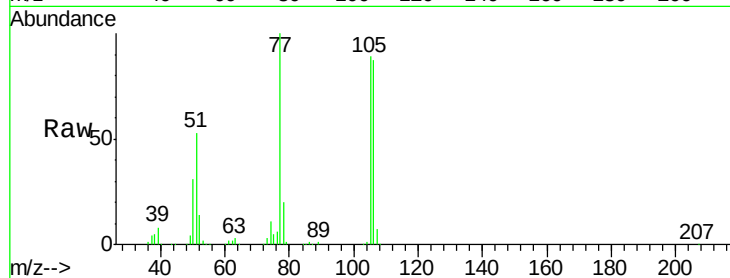
Tgt Ion: 77 Resp: 329410

Ion Ratio Lower Upper

77 100

105 89.4 69.6 109.6

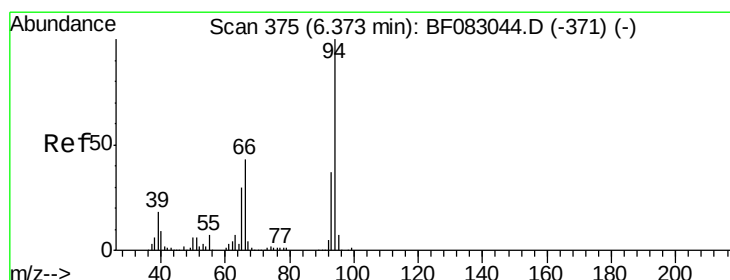
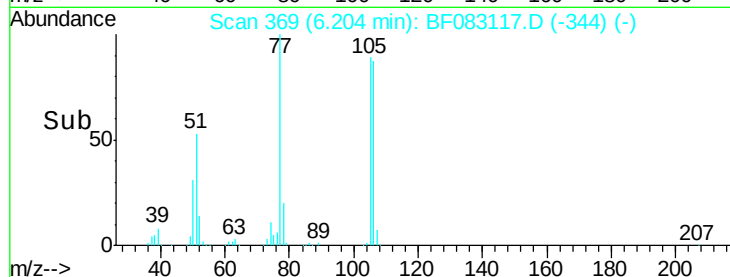
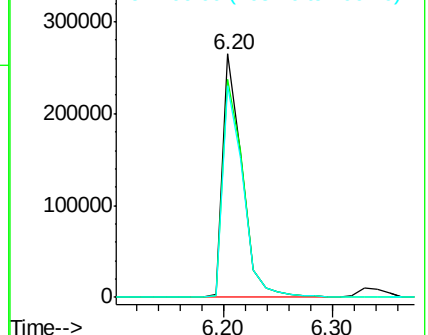
106 86.7 62.0 102.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.67 ng

RT: 6.35 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

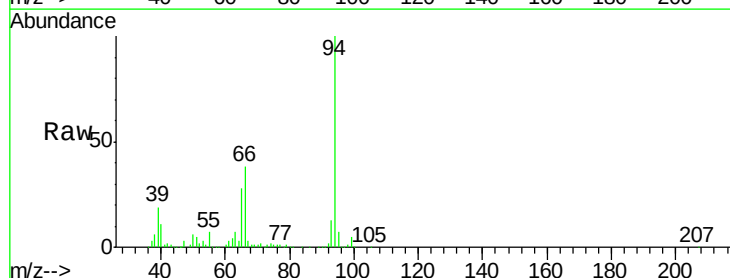
Tgt Ion: 94 Resp: 735263

Ion Ratio Lower Upper

94 100

65 28.2 10.1 50.1

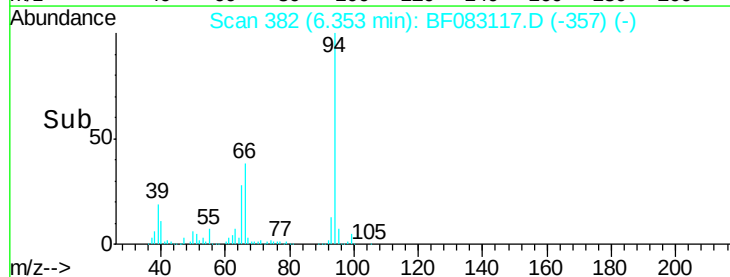
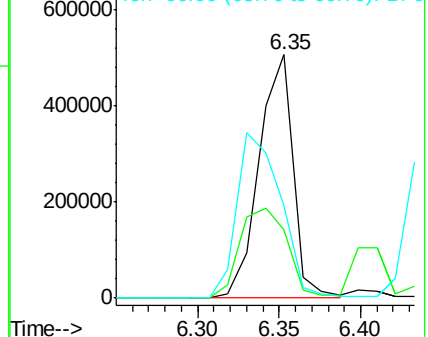
66 38.1 23.2 63.2

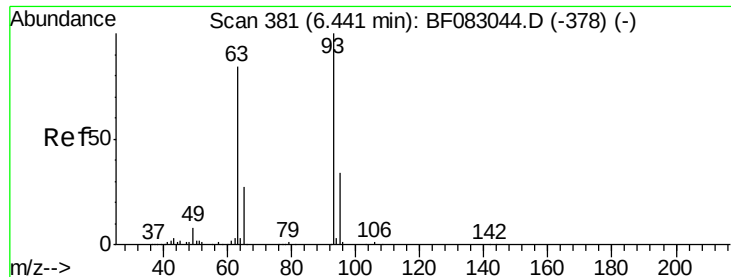


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.65 ng

RT: 6.41 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

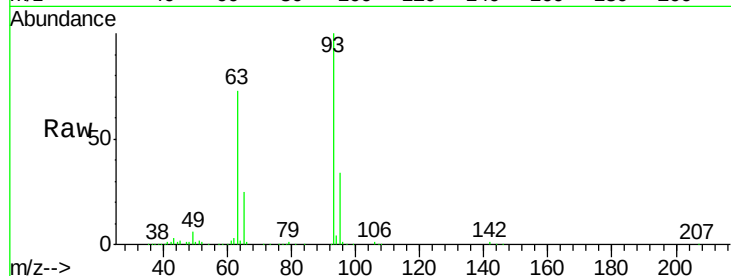
Tgt Ion: 93 Resp: 594487

Ion Ratio Lower Upper

93 100

63 73.5 63.6 103.6

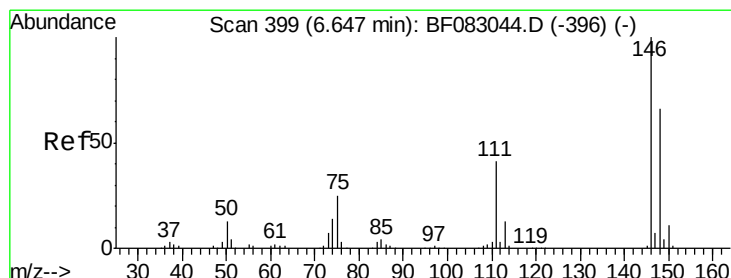
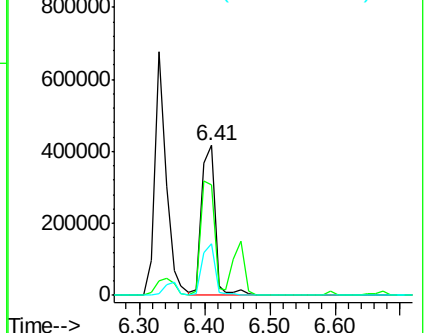
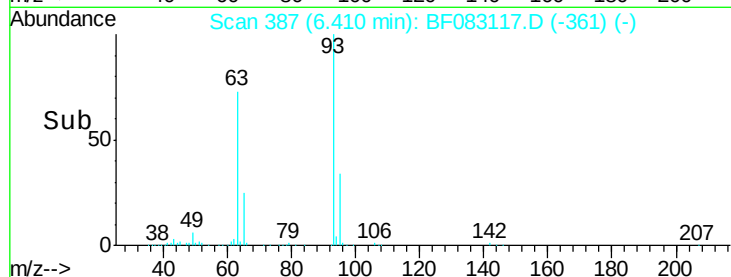
95 34.2 13.8 53.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.49 ng

RT: 6.83 min Scan# 424

Delta R.T. 0.23 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

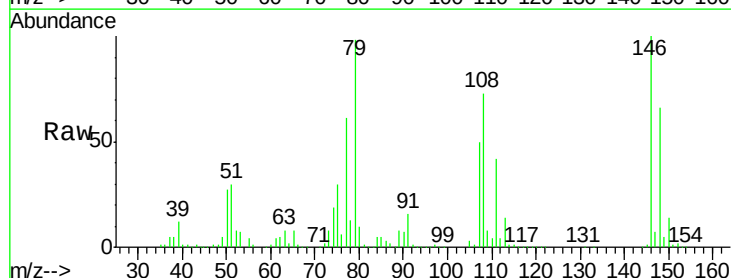
Tgt Ion: 146 Resp: 535075

Ion Ratio Lower Upper

146 100

148 66.1 52.8 79.2

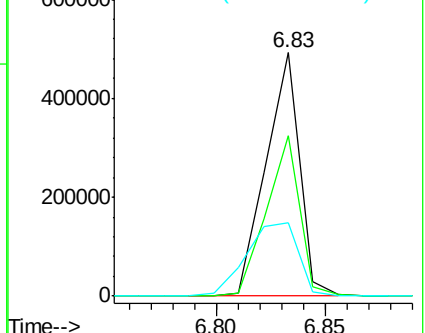
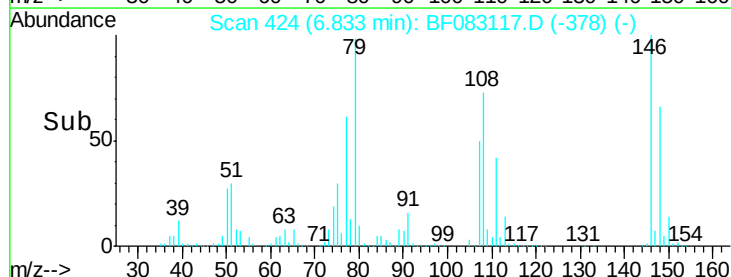
75 29.9 20.3 30.5

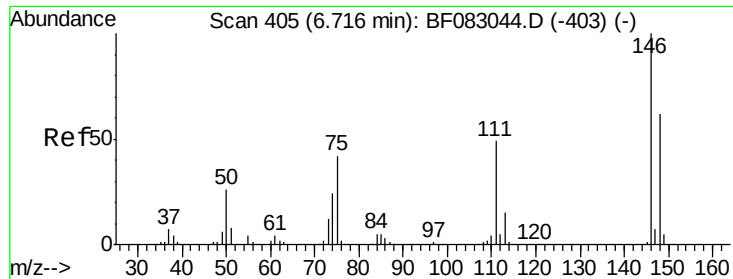


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

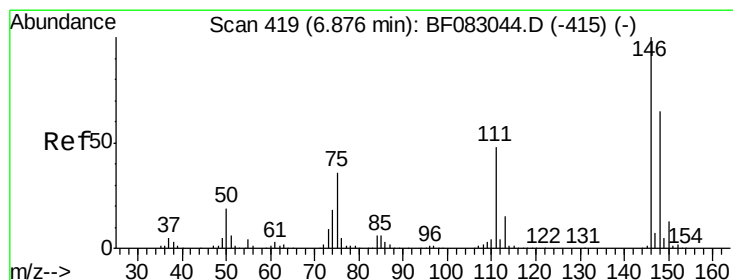
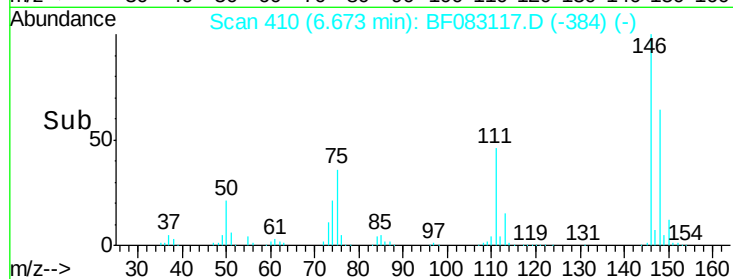
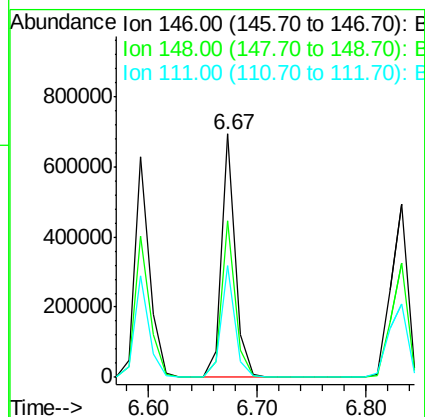
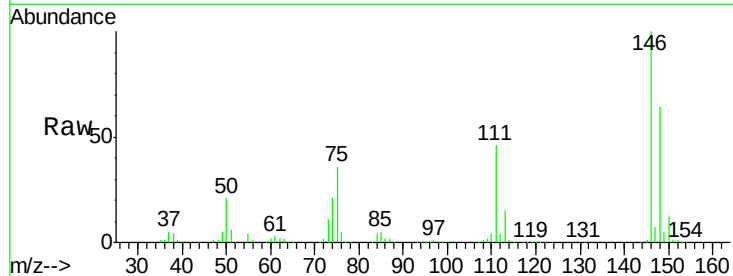




#13
 1,4-Dichlorobenzene
 Concen: 41.41 ng
 RT: 6.67 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

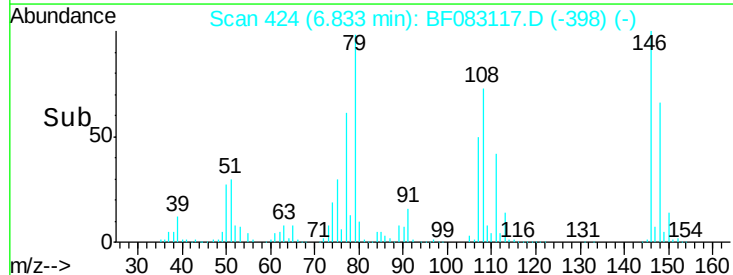
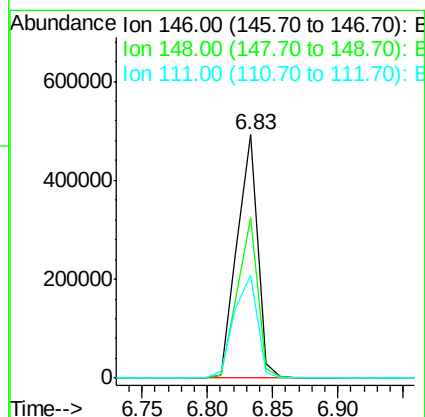
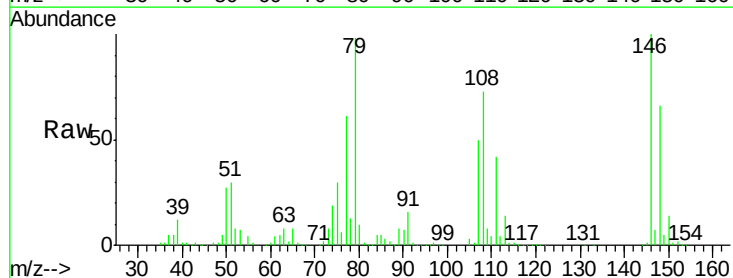
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112115

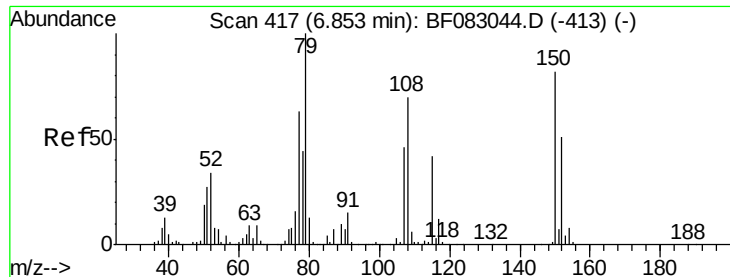
Tgt Ion:146 Resp: 620886
 Ion Ratio Lower Upper
 146 100
 148 64.4 49.6 74.4
 111 45.8 39.0 58.6



#14
 1,2-Dichlorobenzene
 Concen: 39.07 ng
 RT: 6.83 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Tgt Ion:146 Resp: 535832
 Ion Ratio Lower Upper
 146 100
 148 66.1 51.8 77.6
 111 42.3 38.2 57.2





#15

Benzyl Alcohol

Concen: 41.33 ng

RT: 6.83 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

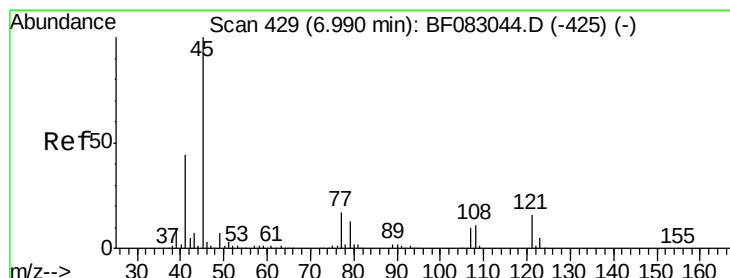
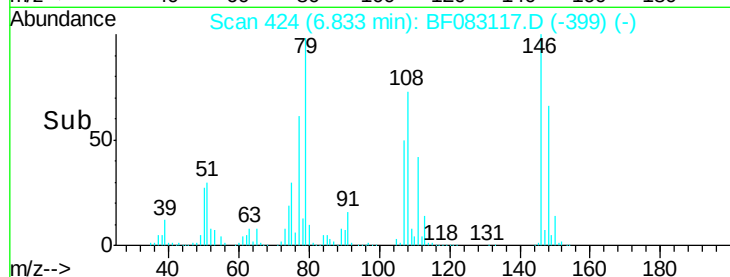
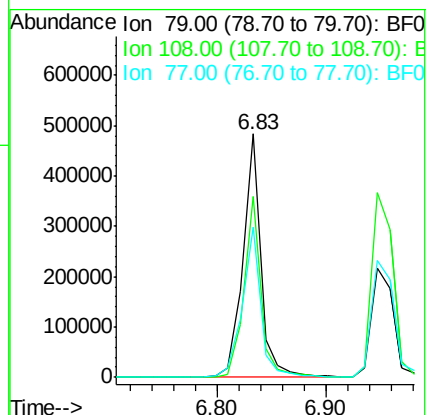
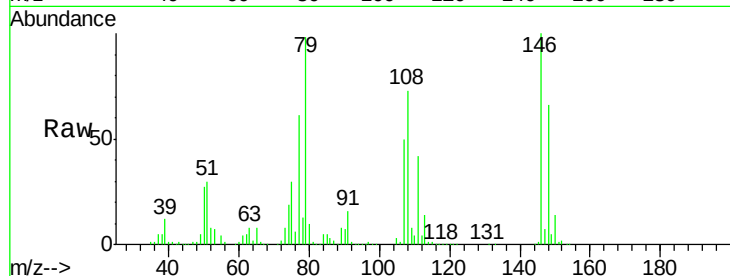
Tgt Ion: 79 Resp: 548814

Ion Ratio Lower Upper

79 100

108 74.5 55.7 83.5

77 61.8 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.66 ng

RT: 6.96 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

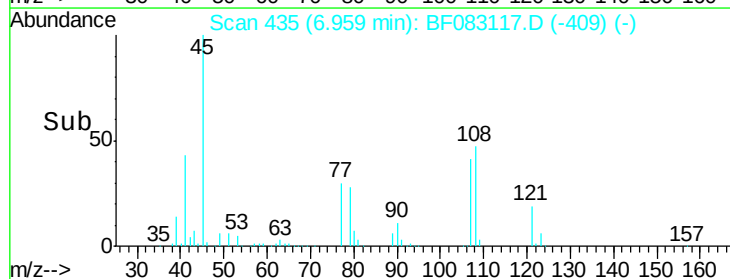
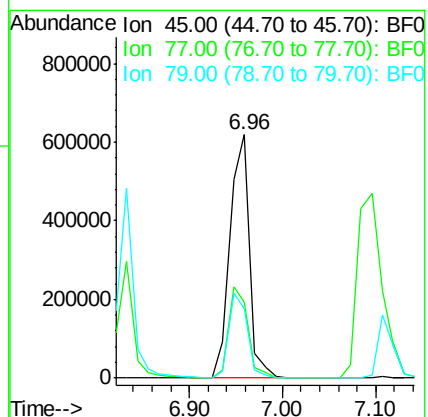
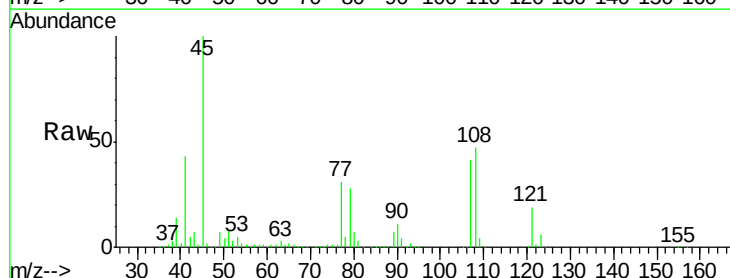
Tgt Ion: 45 Resp: 900727

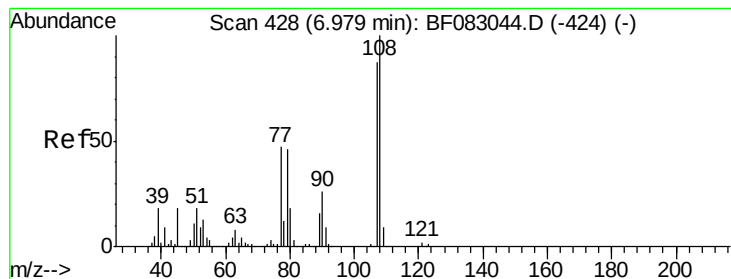
Ion Ratio Lower Upper

45 100

77 31.4 0.0 36.7

79 28.5 0.0 33.0





#17

2-Methylphenol

Concen: 39.87 ng

RT: 6.95 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

Tgt Ion:107 Resp: 433474

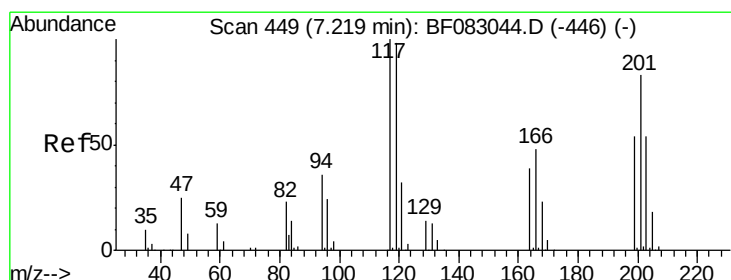
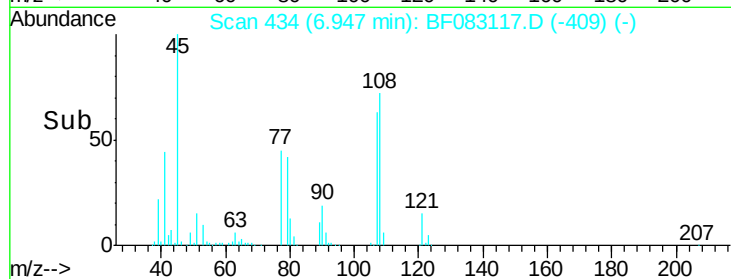
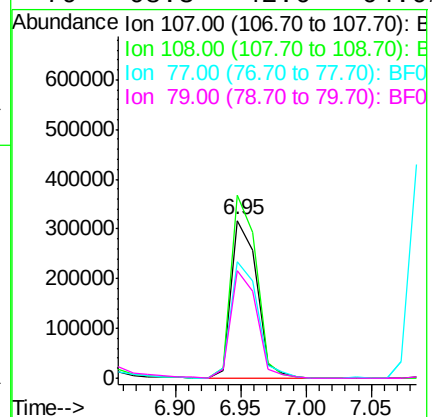
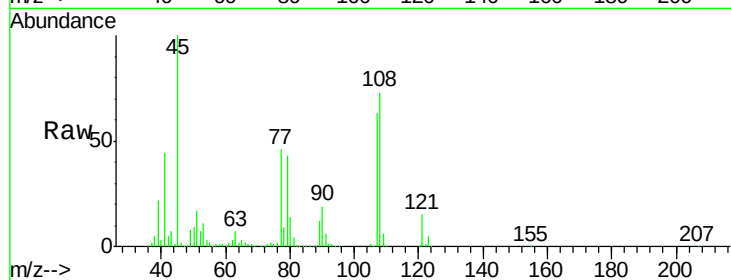
Ion Ratio Lower Upper

107 100

108 116.0 92.3 138.5

77 73.5 43.9 65.9#

79 68.3 42.6 64.0#



#18

Hexachloroethane

Concen: 39.48 ng

RT: 7.16 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

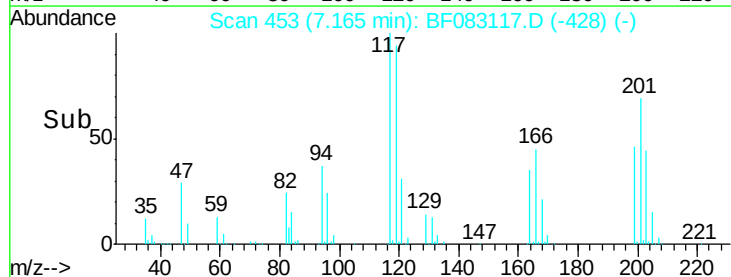
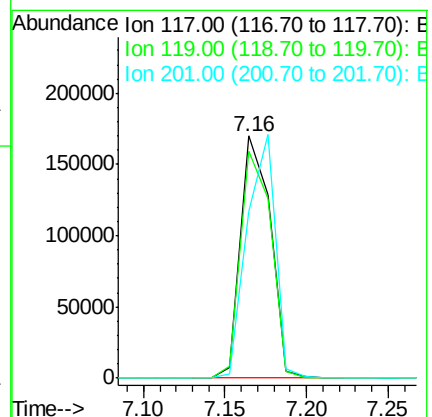
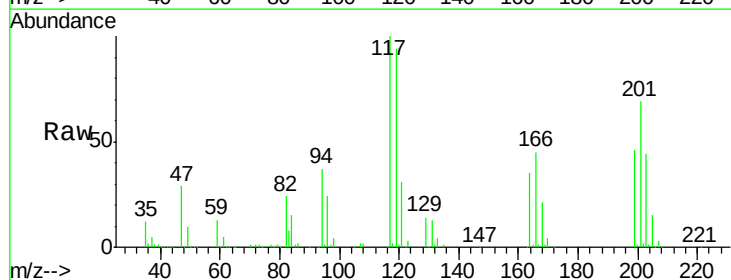
Tgt Ion:117 Resp: 213644

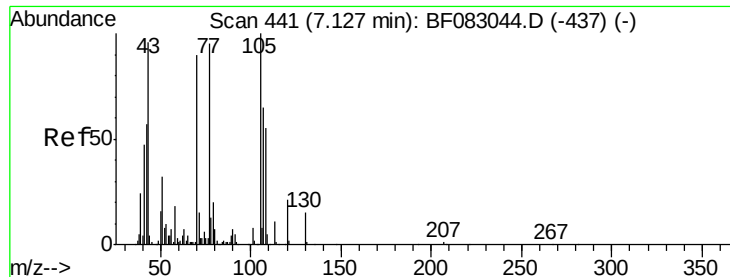
Ion Ratio Lower Upper

117 100

119 93.9 78.3 117.5

201 69.2 66.5 99.7

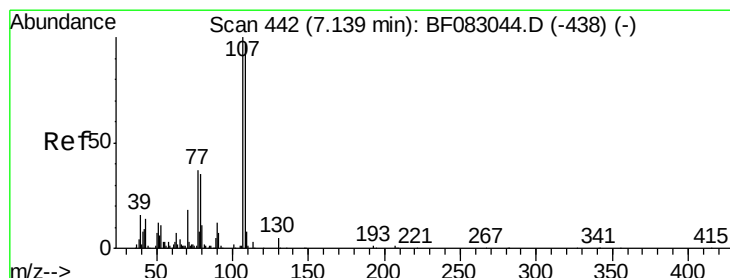
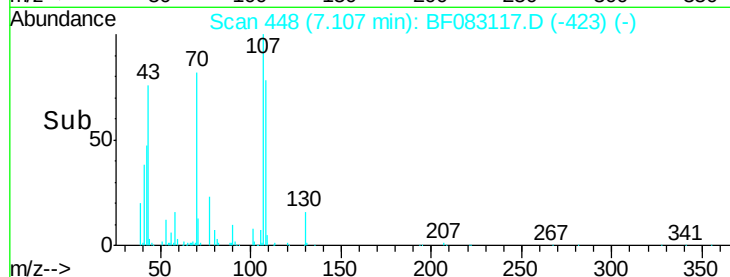
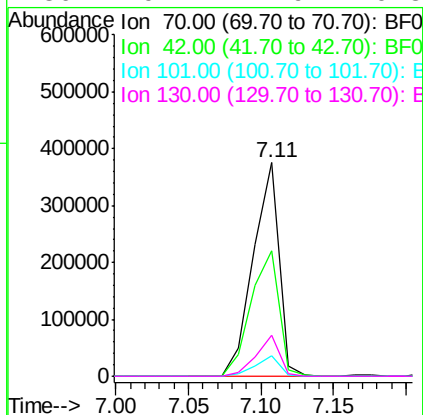
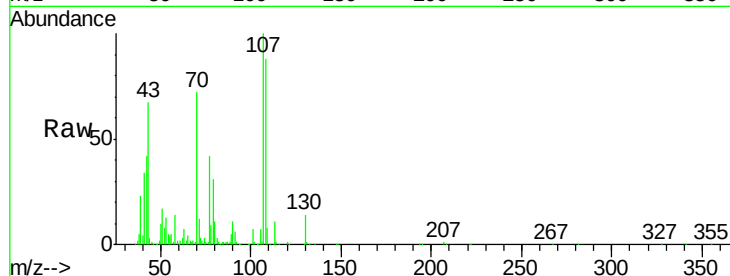




#19
n-Nitroso-di-n-propylamine
Concen: 42.05 ng
RT: 7.11 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

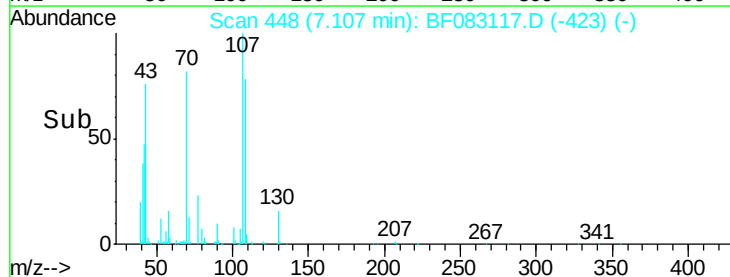
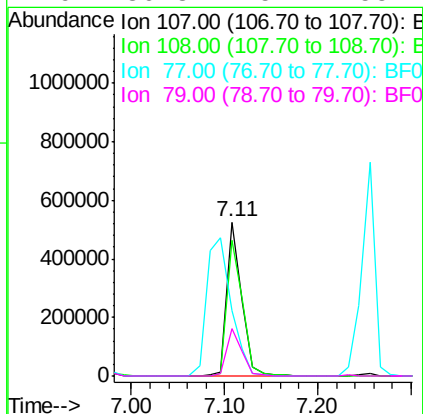
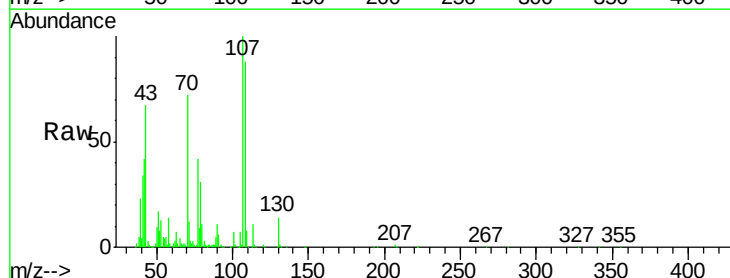
Instrument :
BNA_F
ClientSampleId :
ICVBF112115

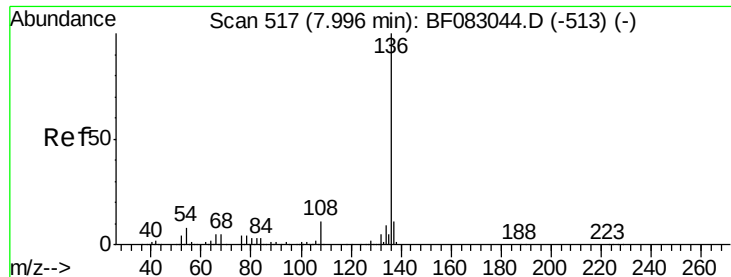
Tgt Ion: 70 Resp: 465213
Ion Ratio Lower Upper
70 100
42 58.6 50.2 75.2
101 9.6 6.8 10.2
130 19.4 12.9 19.3#



#20
3+4-Methylphenols
Concen: 42.18 ng
RT: 7.11 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Tgt Ion: 107 Resp: 579293
Ion Ratio Lower Upper
107 100
108 88.2 77.4 117.4
77 42.1 16.7 56.7
79 30.8 15.2 55.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

Tgt Ion:136 Resp: 714831

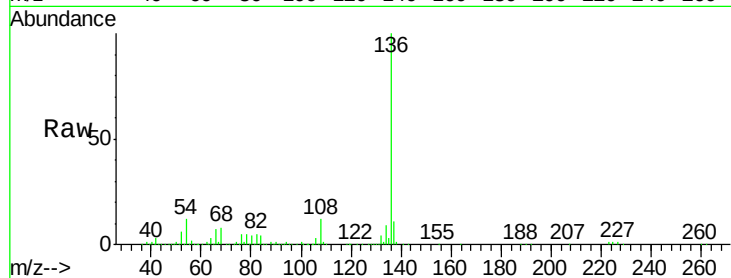
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 11.9 6.2 9.2#

68 7.7 4.2 6.2#



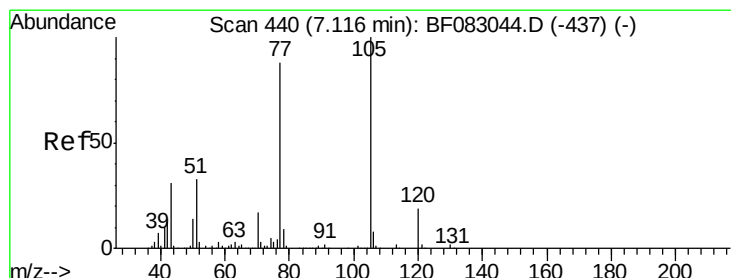
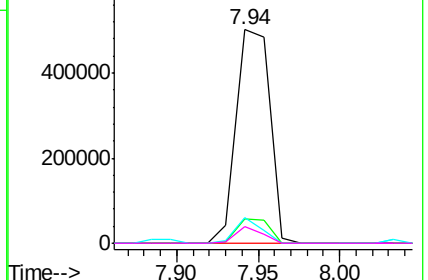
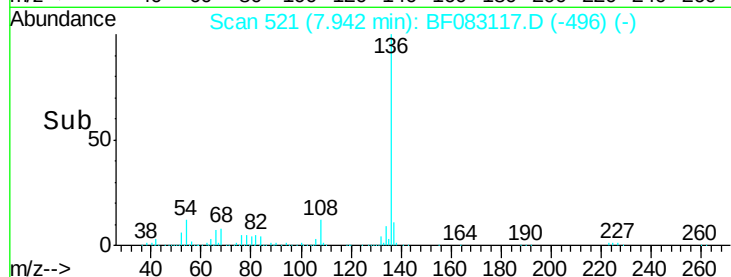
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.72 ng

RT: 7.10 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Tgt Ion:105 Resp: 823128

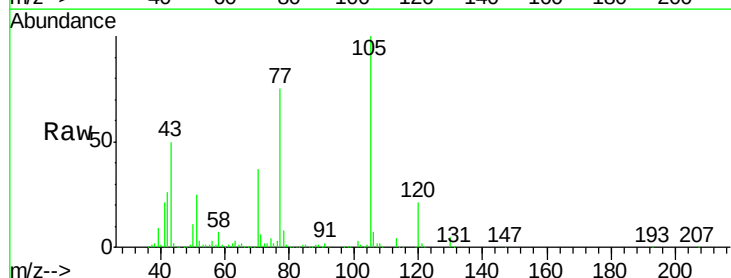
Ion Ratio Lower Upper

105 100

71 6.3 2.3 3.5#

51 24.9 26.1 39.1#

120 20.8 15.3 22.9



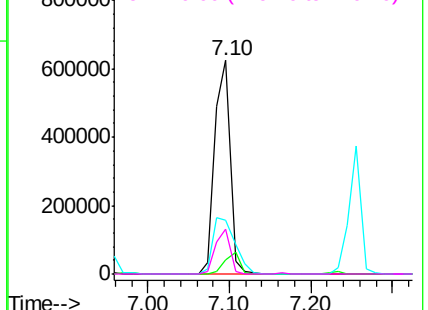
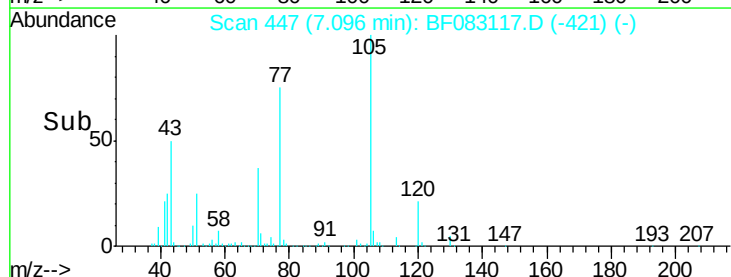
Abundance

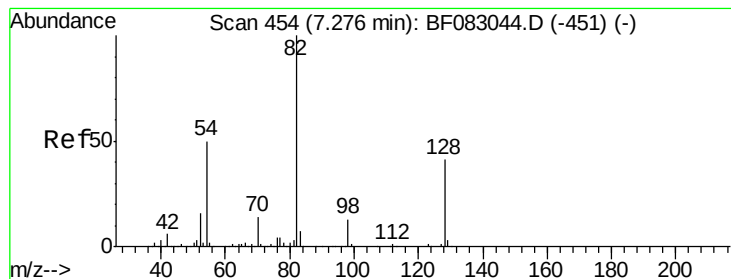
Ion 105.00 (104.70 to 105.70): E

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: 78.33 ng

RT: 7.23 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

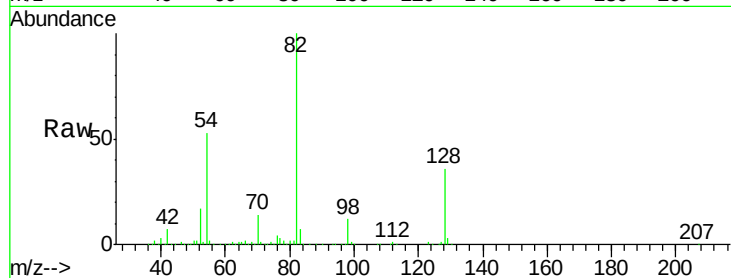
BNA_F

ClientSampleId :

ICVBF112115

Tgt Ion: 82 Resp: 1208206

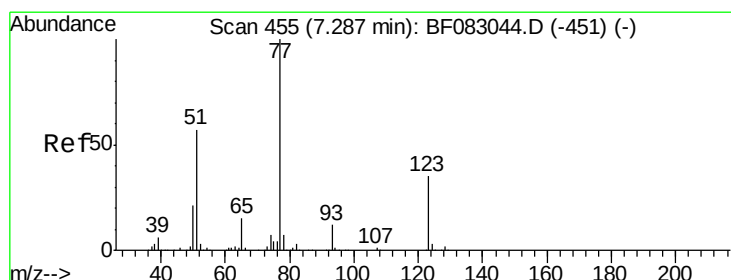
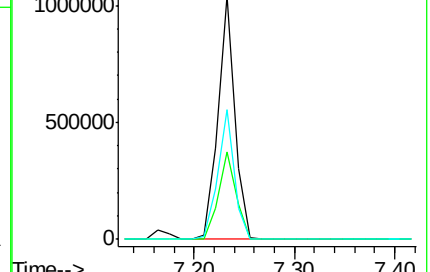
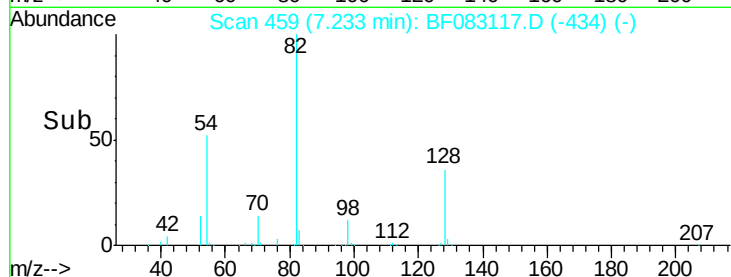
Ion	Ratio	Lower	Upper
82	100		
128	36.2	33.1	49.7
54	53.3	39.8	59.6



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: 43.13 ng

RT: 7.26 min Scan# 461

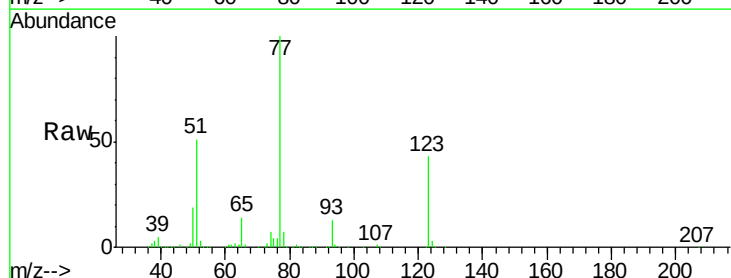
Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Tgt Ion: 77 Resp: 712570

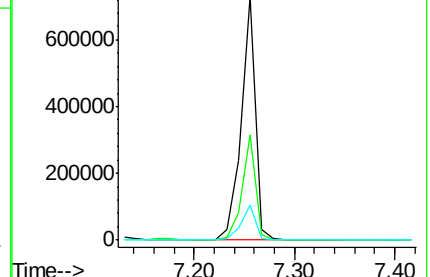
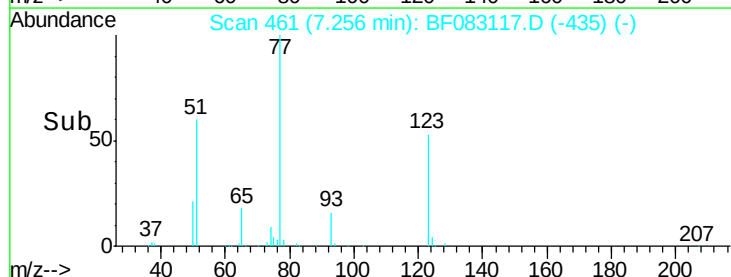
Ion	Ratio	Lower	Upper
77	100		
123	43.2	28.2	42.4#
65	14.3	11.8	17.8

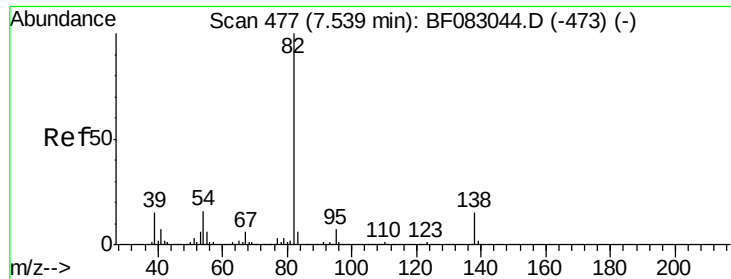


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.09 ng

RT: 7.52 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

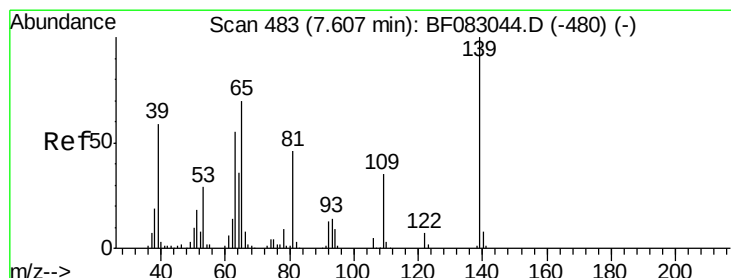
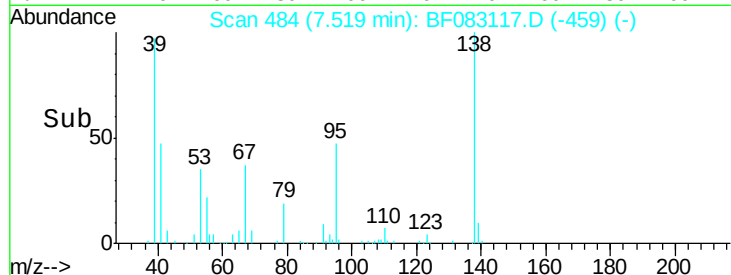
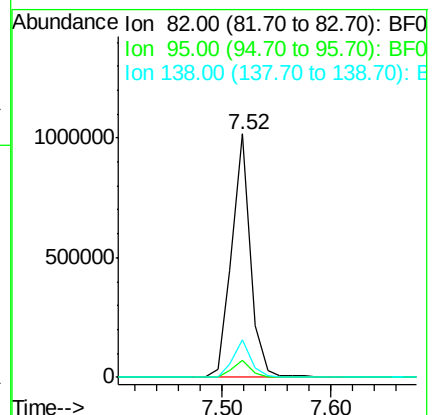
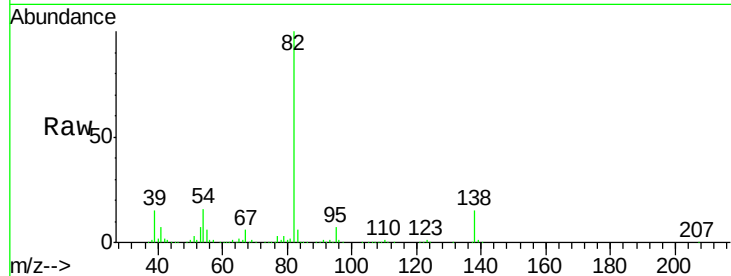
Tgt Ion: 82 Resp: 1209706

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

138 15.4 12.2 18.4



#26

2-Nitrophenol

Concen: 36.53 ng

RT: 7.58 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

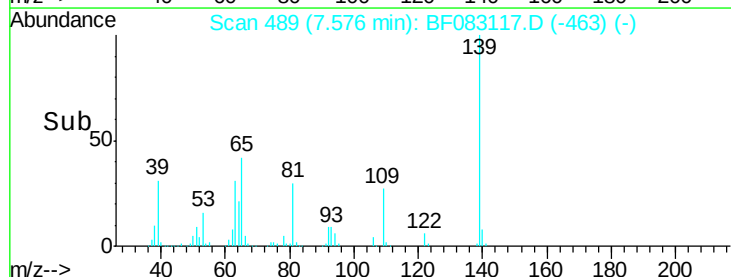
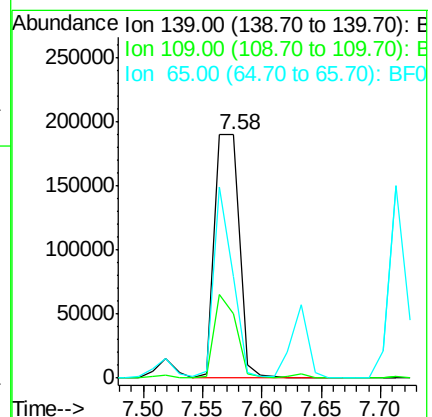
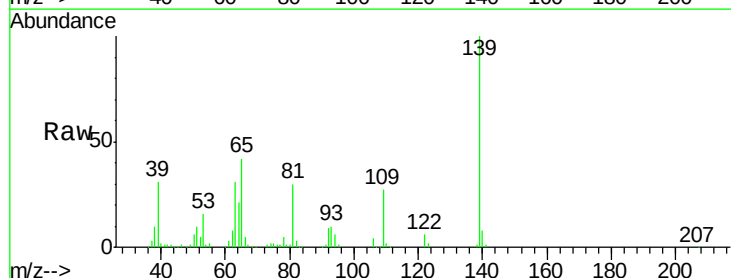
Tgt Ion: 139 Resp: 272974

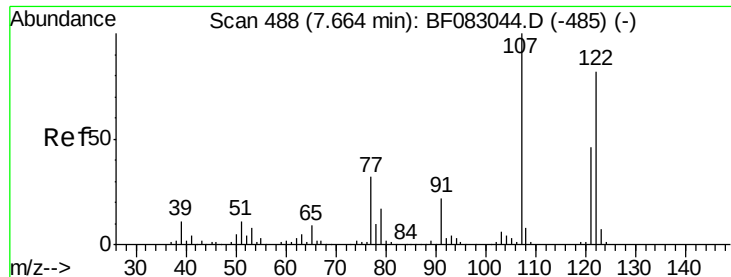
Ion Ratio Lower Upper

139 100

109 26.6 27.8 41.6#

65 41.9 56.4 84.6#

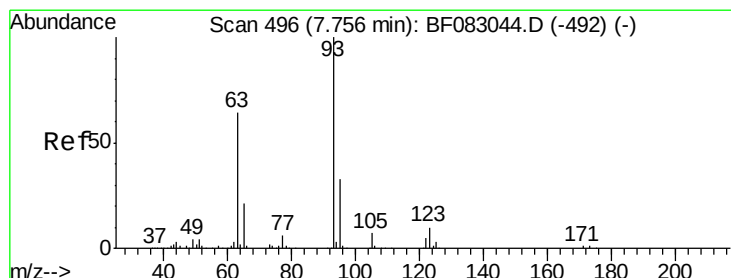
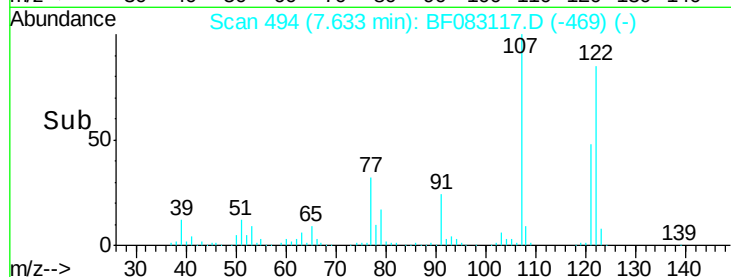
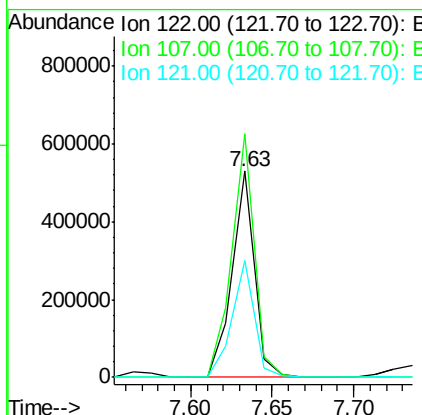
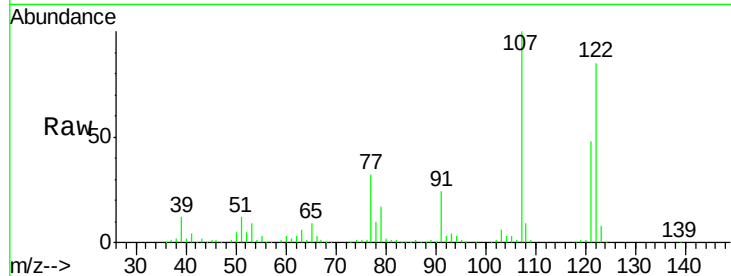




#27
 2,4-Dimethylphenol
 Concen: 42.24 ng
 RT: 7.63 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

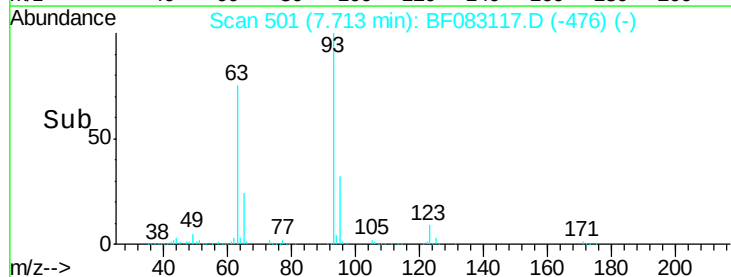
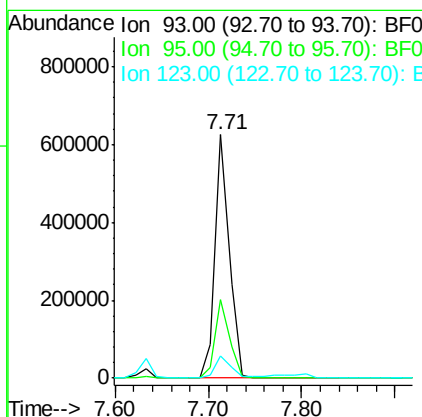
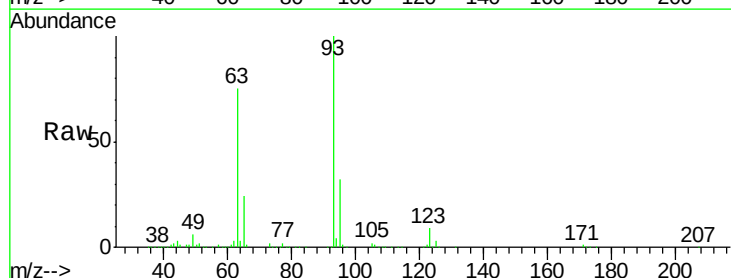
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112115

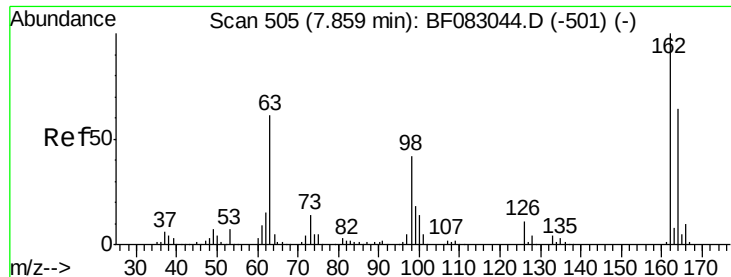
Tgt Ion: 122 Resp: 498443
 Ion Ratio Lower Upper
 122 100
 107 118.1 97.5 146.3
 121 56.9 45.3 67.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.88 ng
 RT: 7.71 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Tgt Ion: 93 Resp: 665402
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.2 39.2
 123 8.9 8.5 12.7

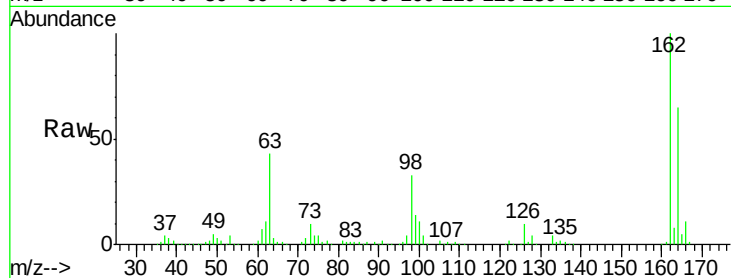




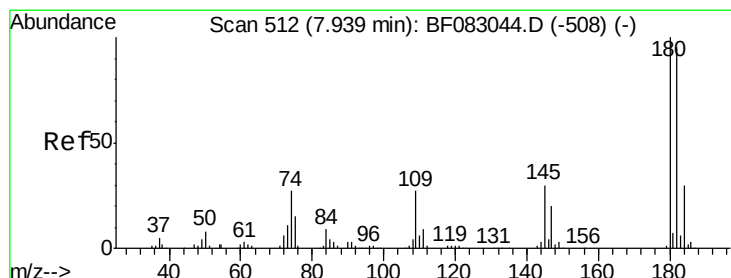
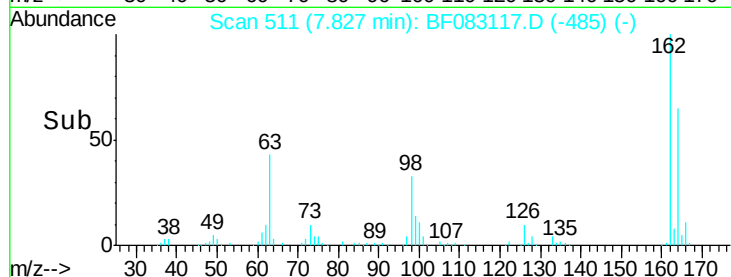
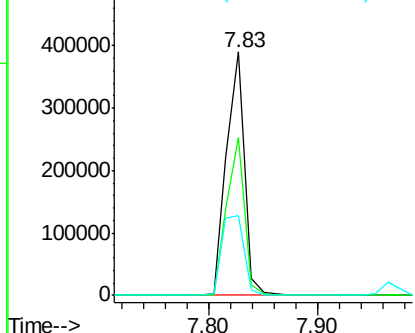
#29
 2,4-Dichlorophenol
 Concen: 39.96 ng
 RT: 7.83 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112115

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.1	84.1
98	32.9	21.6	61.6

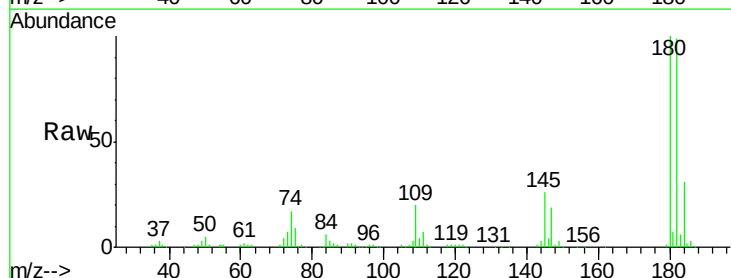


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

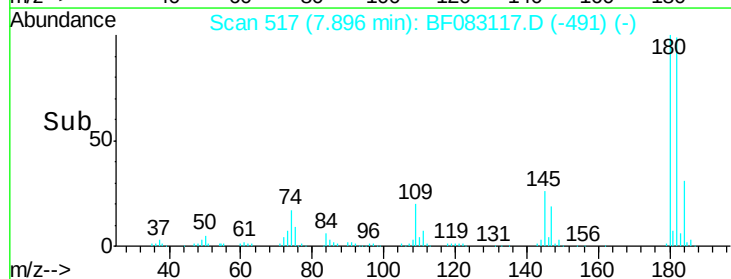
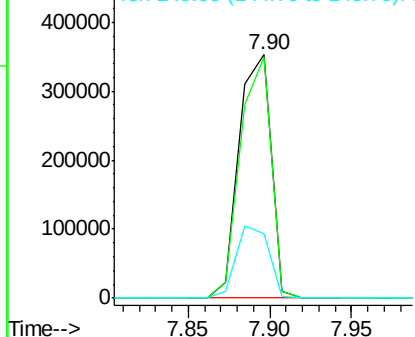


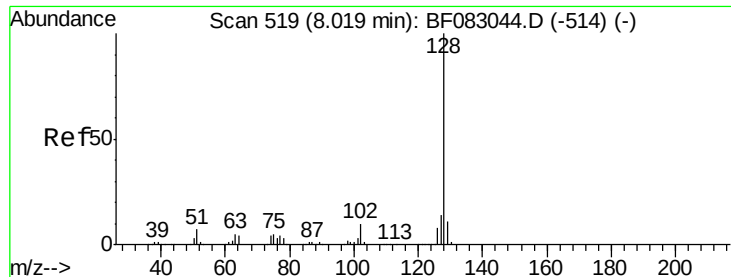
#30
 1,2,4-Trichlorobenzene
 Concen: 39.43 ng
 RT: 7.90 min Scan# 517
 Delta R.T. -0.00 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	76.2	114.4
145	26.4	24.0	36.0



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

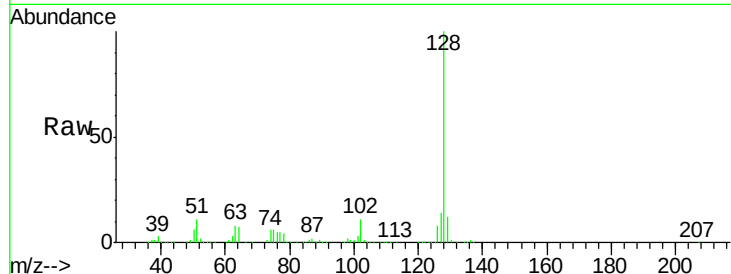




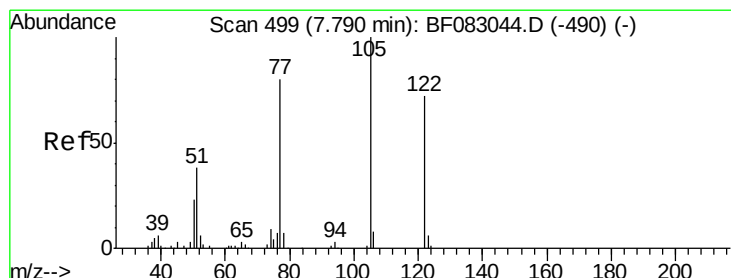
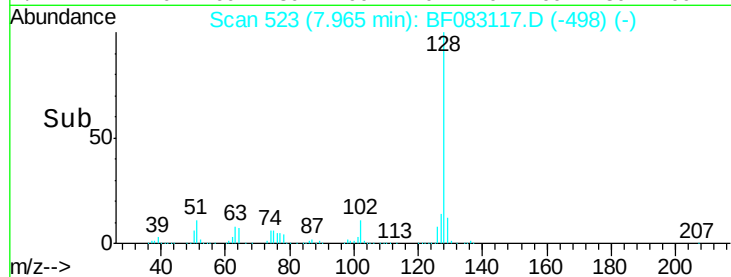
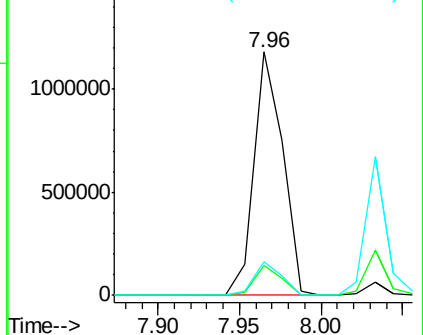
#31
Naphthalene
Concen: 38.56 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112115

Tgt Ion:128 Resp: 1446924
Ion Ratio Lower Upper
128 100
129 12.1 9.0 13.4
127 13.8 10.9 16.3

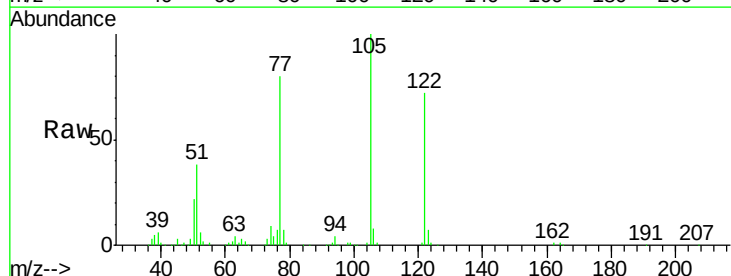


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

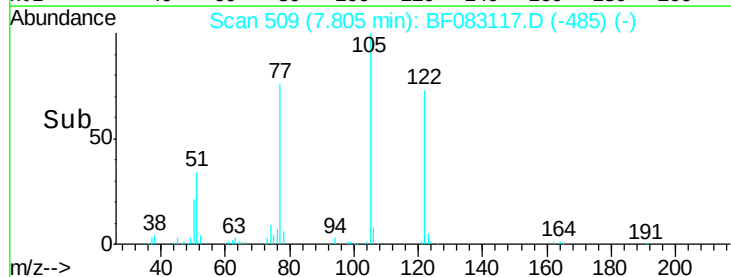
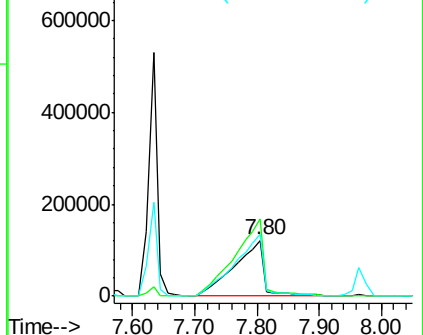


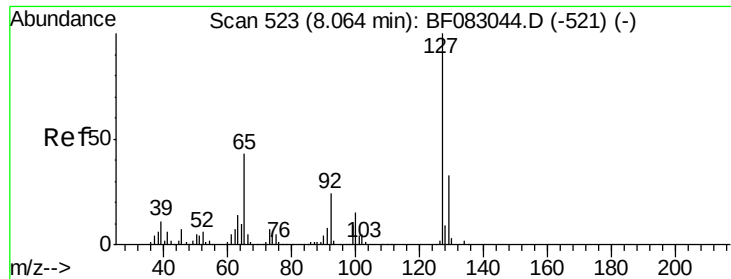
#32
Benzoic acid
Concen: 42.44 ng
RT: 7.80 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Tgt Ion:122 Resp: 401788
Ion Ratio Lower Upper
122 100
105 138.2 115.0 155.0
77 111.2 89.0 129.0



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

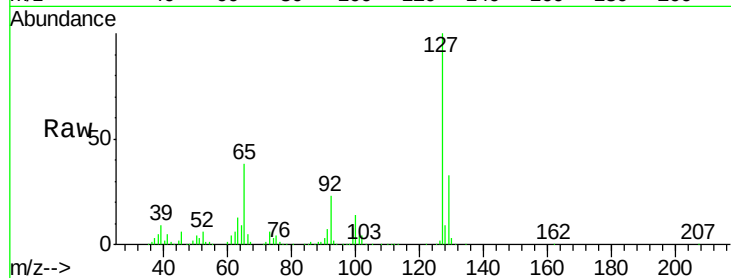




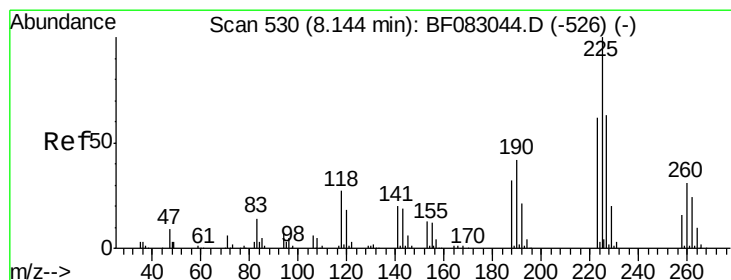
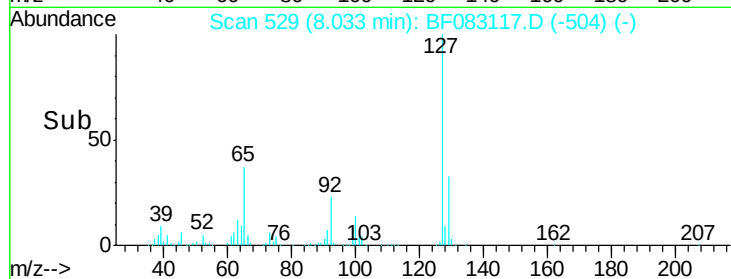
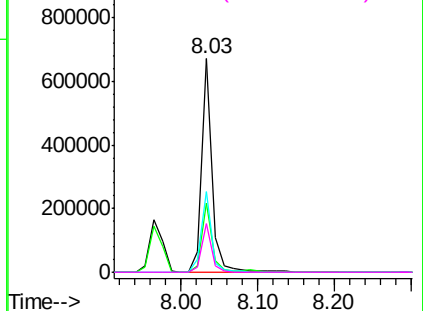
#33
 4-Chloroaniline
 Concen: 41.49 ng
 RT: 8.03 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112115

Tgt Ion:	127	Resp:	618720
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	37.6	34.4	51.6
92	22.7	19.5	29.3

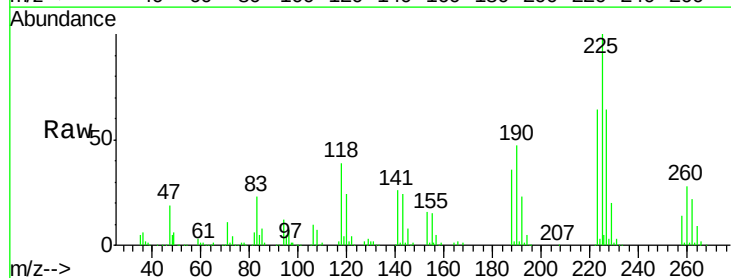


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

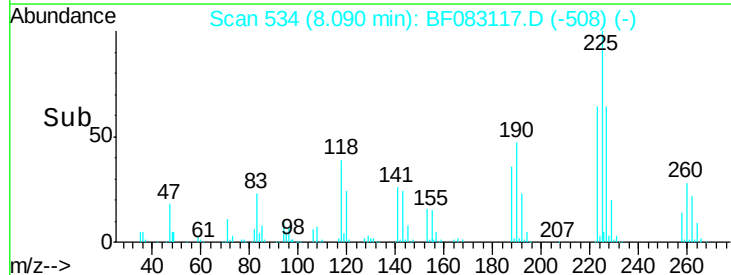
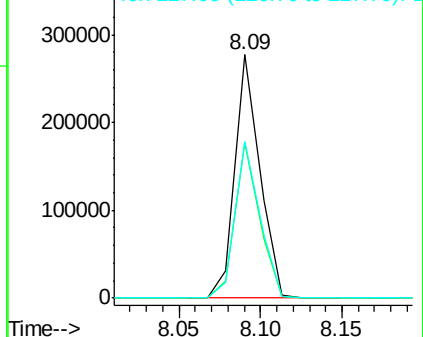


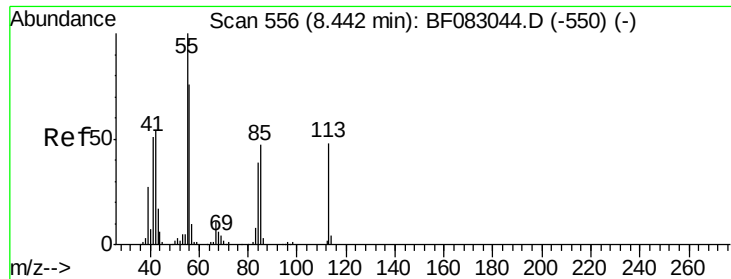
#34
 Hexachlorobutadiene
 Concen: 40.56 ng
 RT: 8.09 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Tgt Ion:	225	Resp:	290594
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.8	74.6
227	64.2	50.6	76.0



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: 42.92 ng

RT: 8.47 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

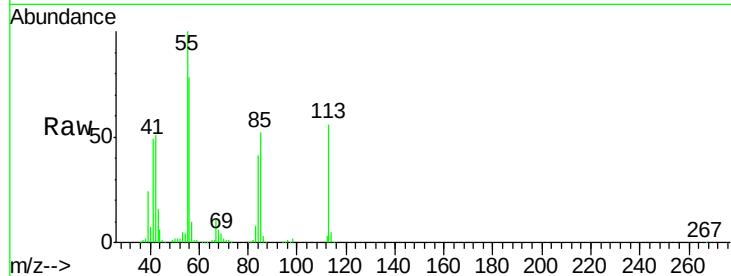
Tgt Ion:113 Resp: 146036

Ion Ratio Lower Upper

113 100

55 179.8 189.1 229.1#

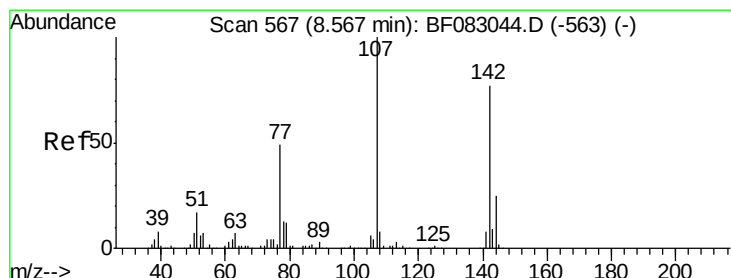
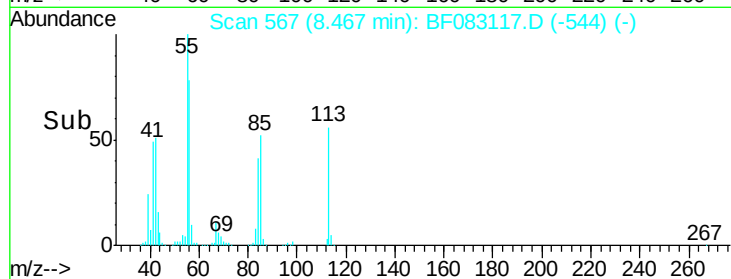
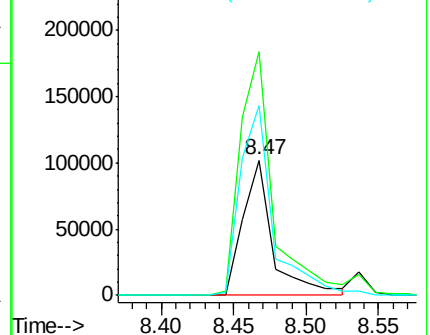
56 140.5 137.9 177.9



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: 40.57 ng

RT: 8.54 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

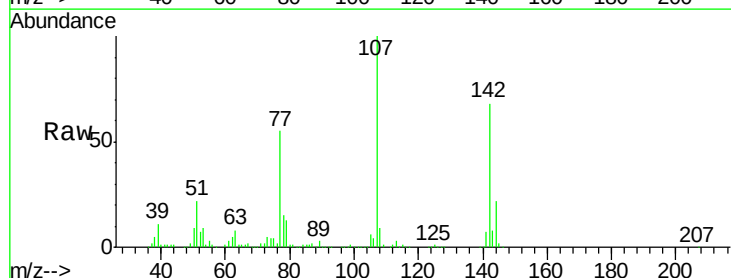
Tgt Ion:107 Resp: 523143

Ion Ratio Lower Upper

107 100

144 22.2 20.0 30.0

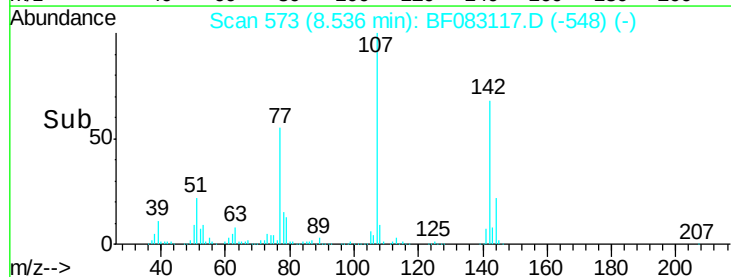
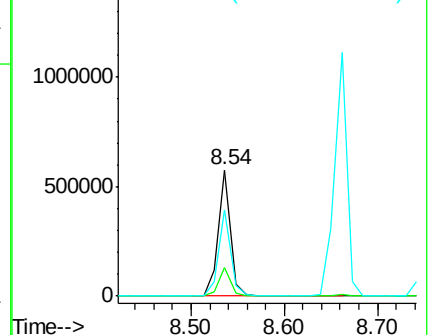
142 68.1 61.3 91.9

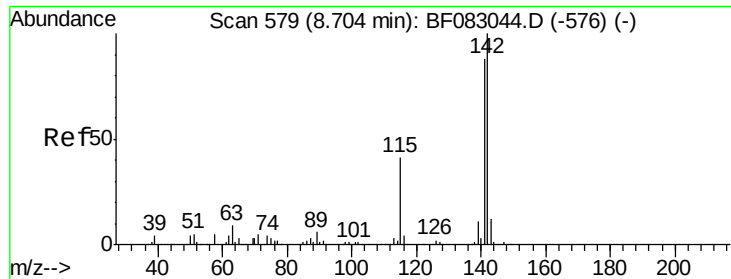


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.41 ng

RT: 8.66 min Scan# 584

Delta R.T. -0.00 min

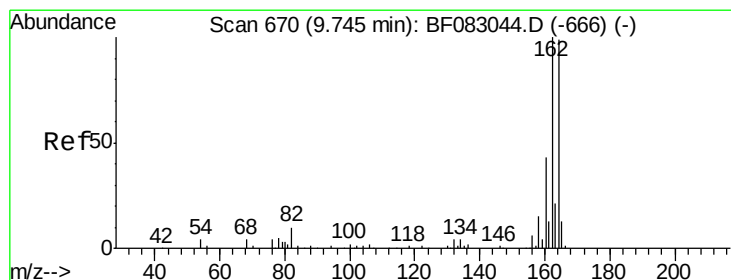
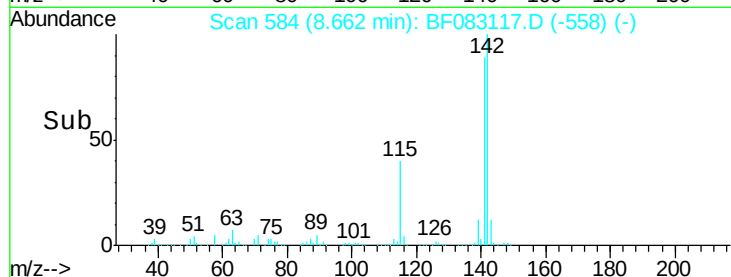
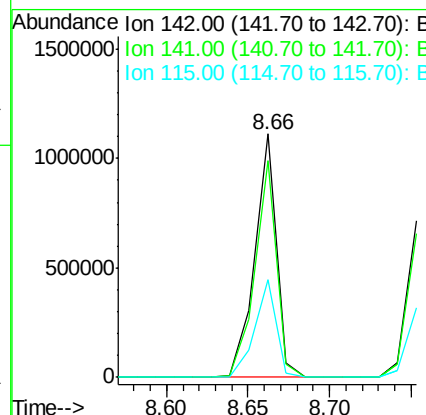
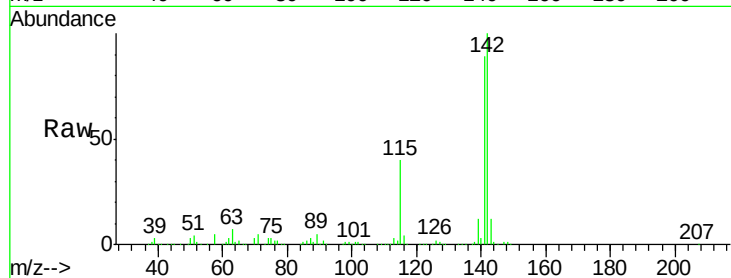
Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112115

Tgt Ion:142 Resp: 1028372

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.7	106.1
115	39.9	33.1	49.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 675

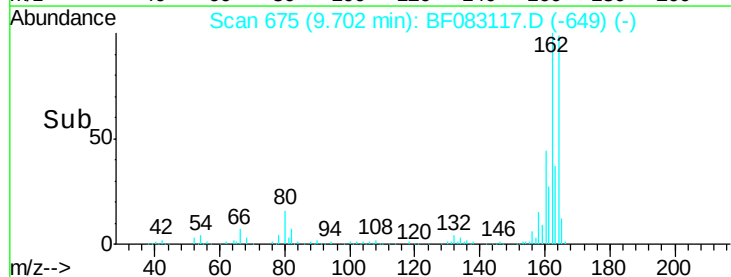
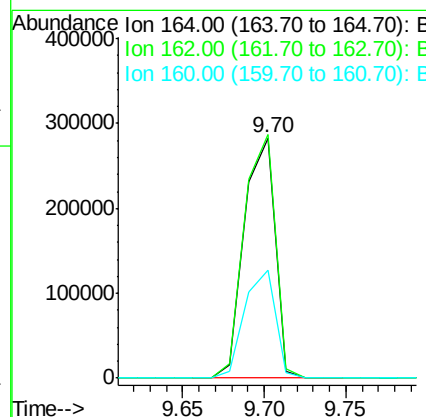
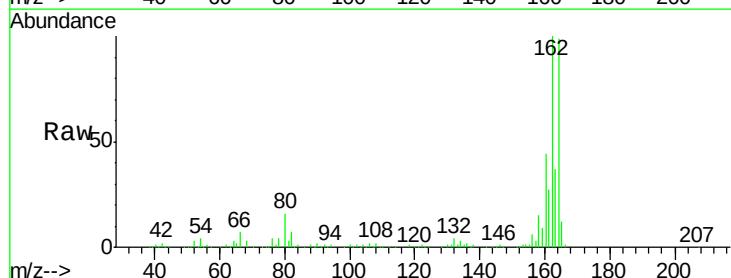
Delta R.T. -0.00 min

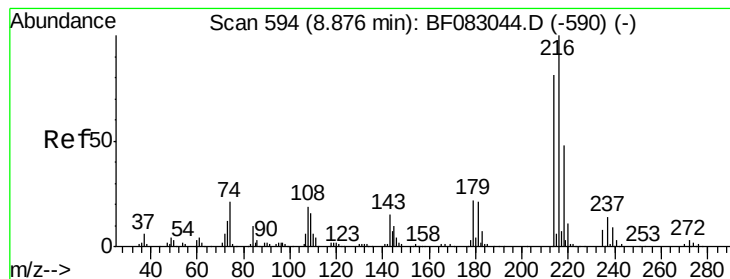
Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Tgt Ion:164 Resp: 369488

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.5	120.7
160	44.9	35.0	52.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.24 ng

RT: 8.82 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

Tgt Ion:216 Resp: 441448

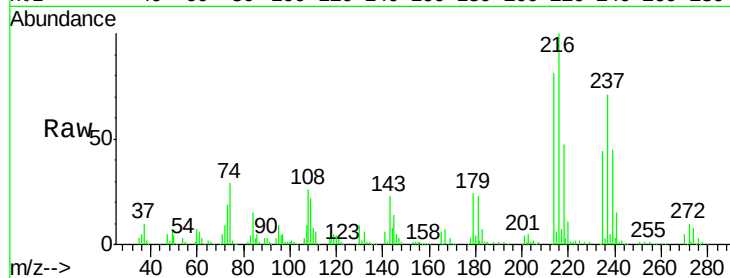
Ion Ratio Lower Upper

216 100

214 78.6 64.6 97.0

179 20.8 17.8 26.6

108 20.0 16.8 25.2

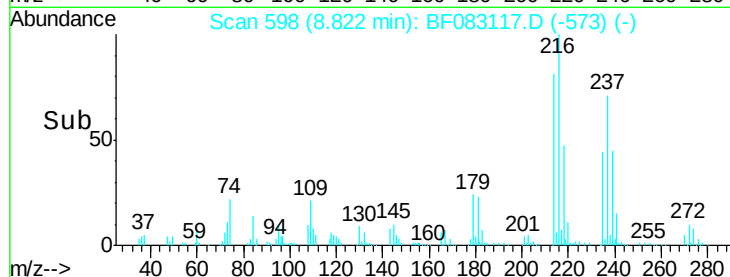


Abundance Ion 216.00 (215.70 to 216.70): E

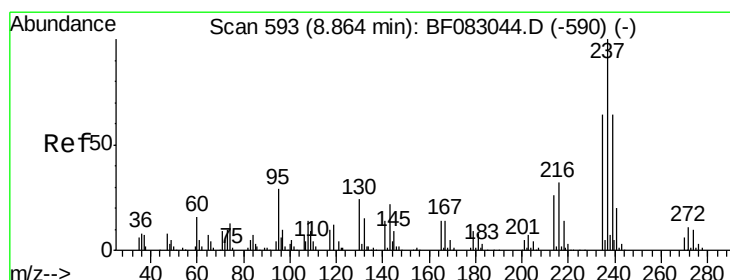
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.75 8.80 8.85 8.90



#40

Hexachlorocyclopentadiene

Concen: 37.73 ng

RT: 8.82 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

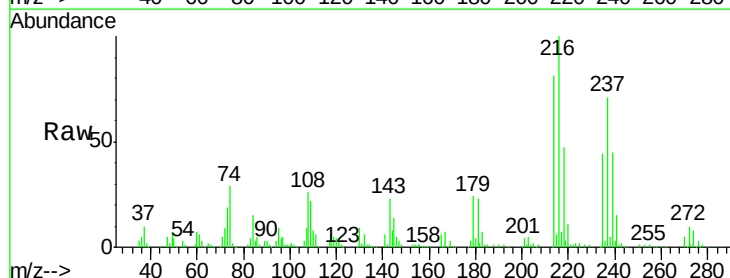
Tgt Ion:237 Resp: 265388

Ion Ratio Lower Upper

237 100

235 62.2 44.1 84.1

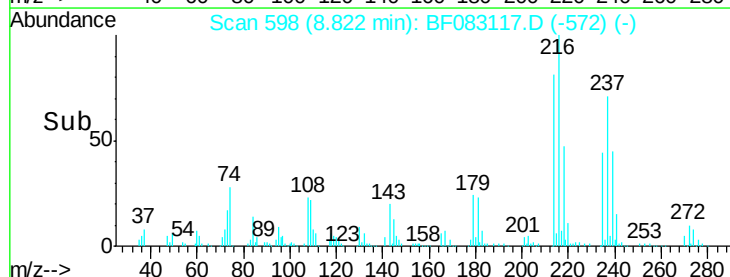
272 14.2 0.0 30.9



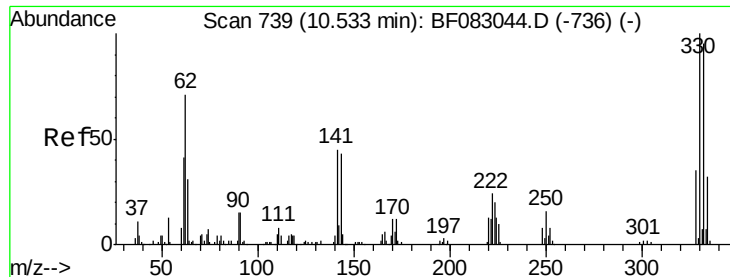
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



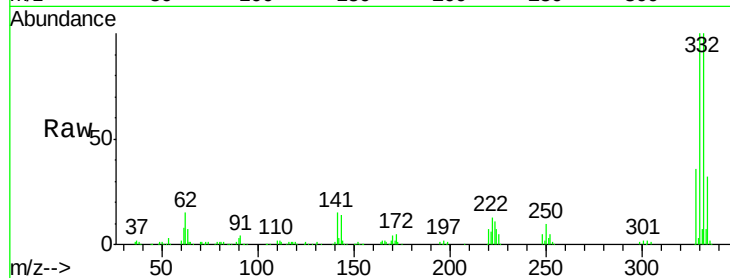
Time--> 8.75 8.80 8.85 8.90



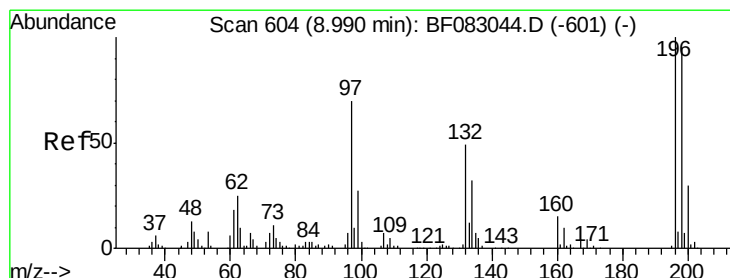
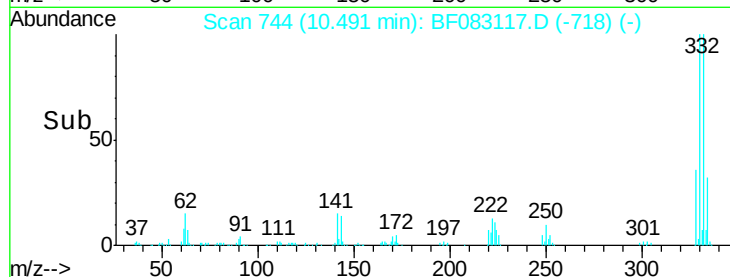
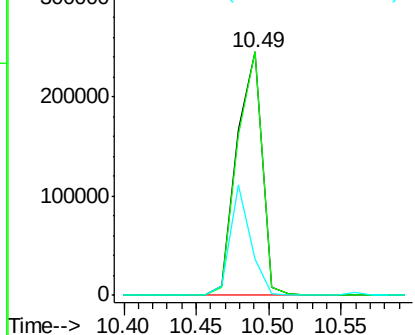
#41
 2,4,6-Tribromophenol
 Concen: 78.99 ng
 RT: 10.49 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112115

Tgt Ion:330 Resp: 295286
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.6 116.4
 141 37.3 34.6 52.0

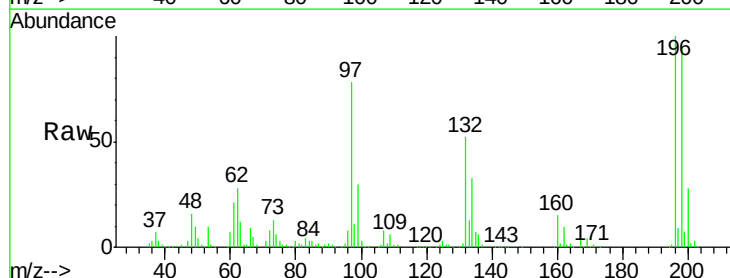


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

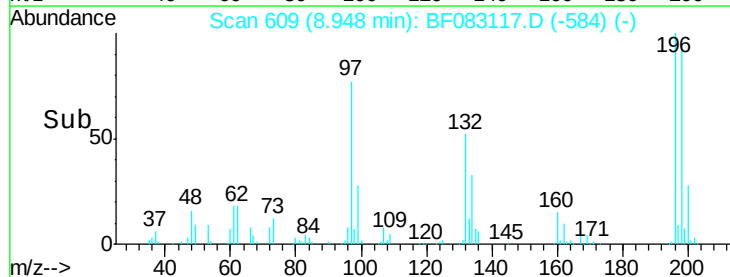
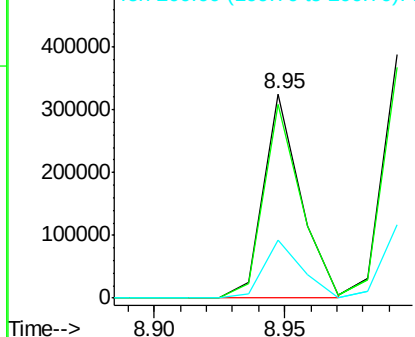


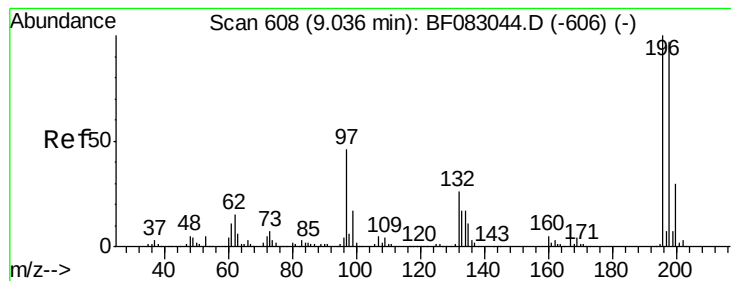
#42
 2,4,6-Trichlorophenol
 Concen: 37.69 ng
 RT: 8.95 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Tgt Ion:196 Resp: 323056
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.9 113.9
 200 28.5 24.0 36.0



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

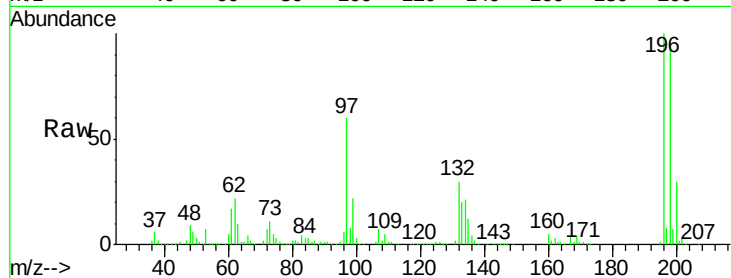




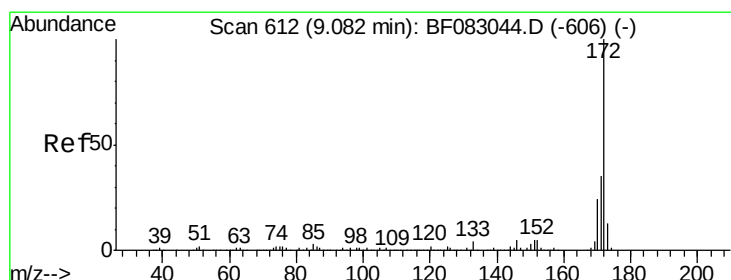
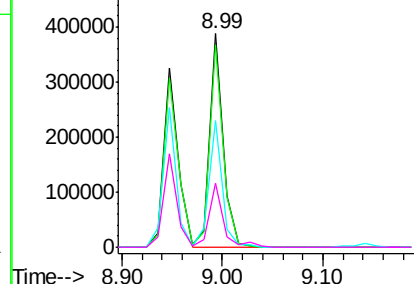
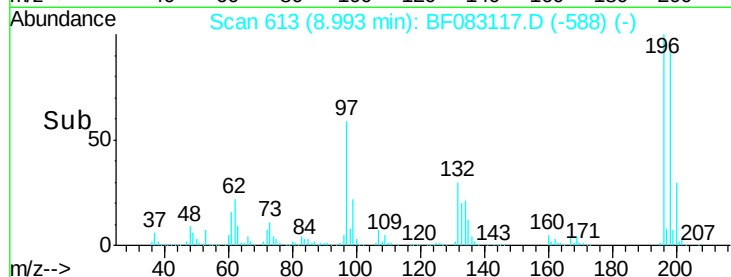
#43
 2,4,5-Trichlorophenol
 Concen: 40.98 ng
 RT: 8.99 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112115

Tgt Ion:196 Resp: 358226
 Ion Ratio Lower Upper
 196 100
 198 94.8 77.8 116.6
 97 59.6 37.1 55.7#
 132 30.2 21.0 31.4

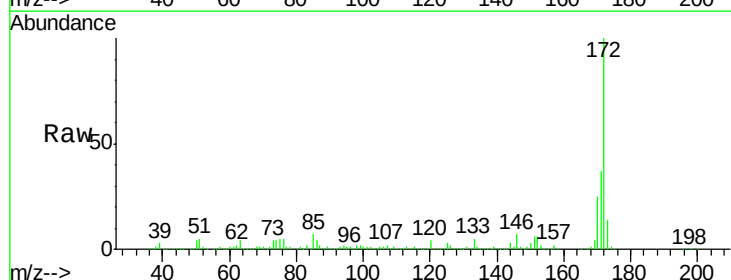


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

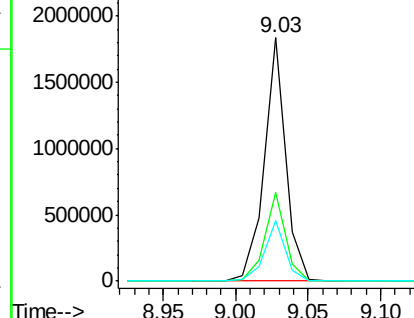
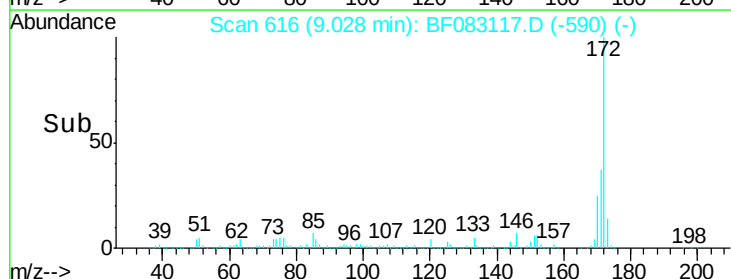


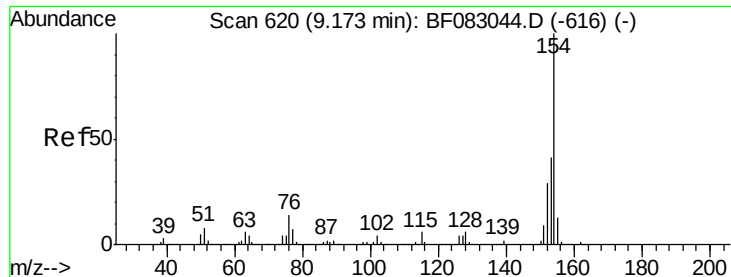
#44
 2-Fluorobiphenyl
 Concen: 73.99 ng
 RT: 9.03 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Tgt Ion:172 Resp: 1874541
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.2 42.4
 170 24.9 19.4 29.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.20 ng

RT: 9.13 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

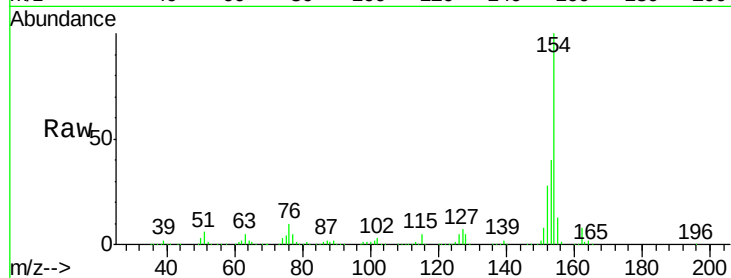
Tgt Ion:154 Resp: 1236827

Ion Ratio Lower Upper

154 100

153 40.2 20.7 60.7

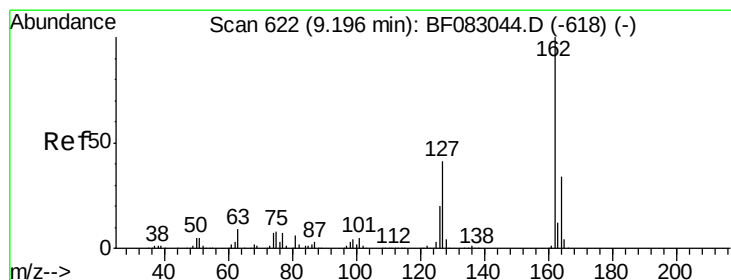
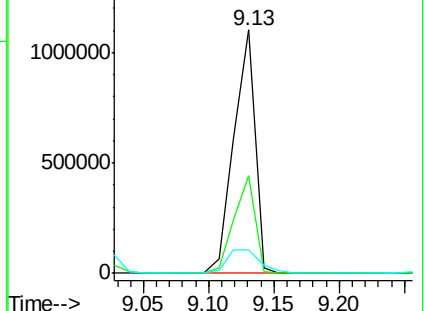
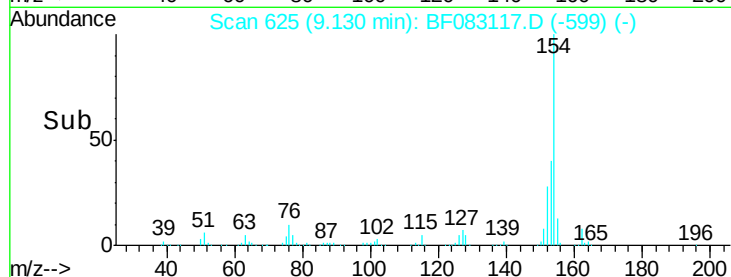
76 9.8 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.70 ng

RT: 9.14 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

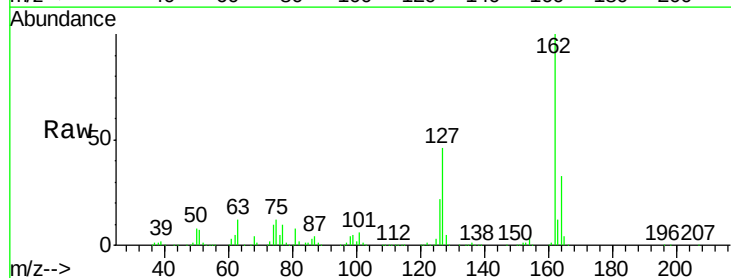
Tgt Ion:162 Resp: 912380

Ion Ratio Lower Upper

162 100

127 45.9 32.8 49.2

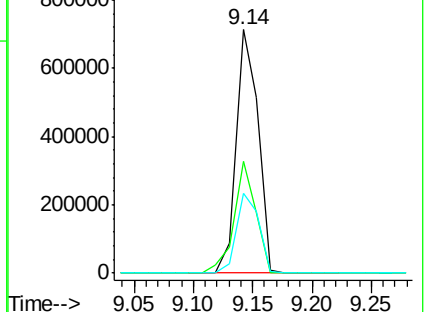
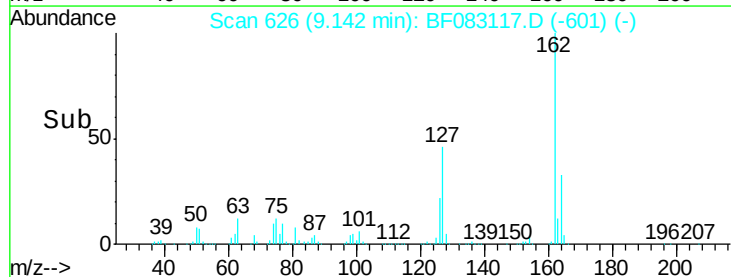
164 33.0 26.9 40.3

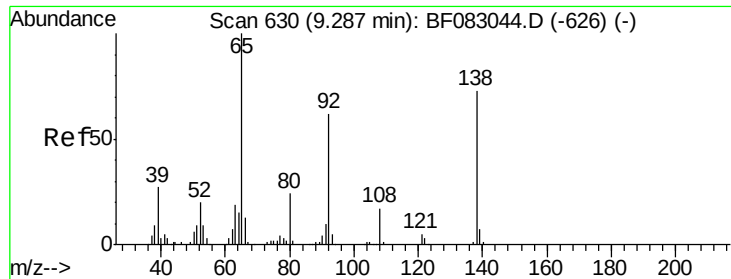


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.34 ng

RT: 9.26 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

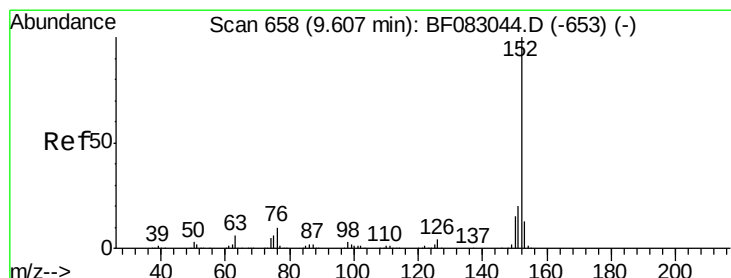
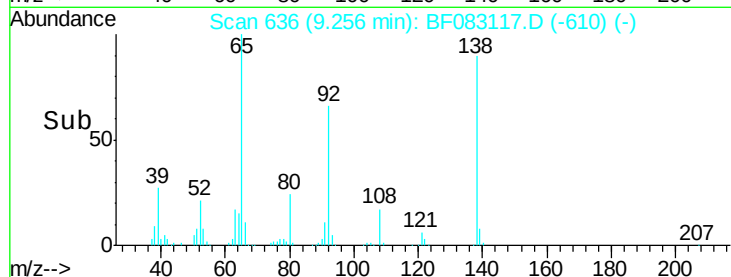
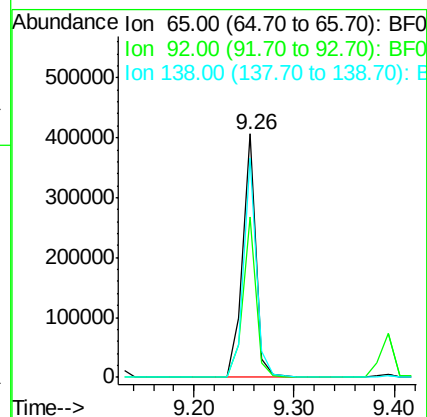
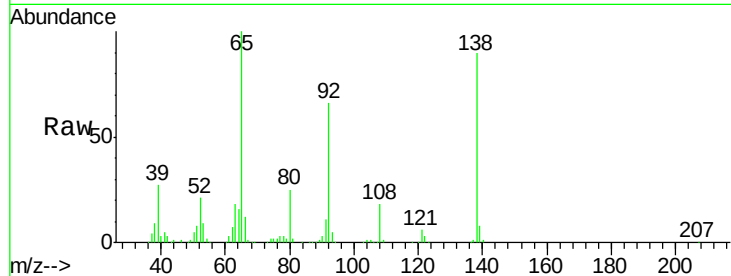
Tgt Ion: 65 Resp: 374889

Ion Ratio Lower Upper

65 100

92 65.9 49.6 74.4

138 90.3 58.8 88.2#



#48

Acenaphthylene

Concen: 39.13 ng

RT: 9.56 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

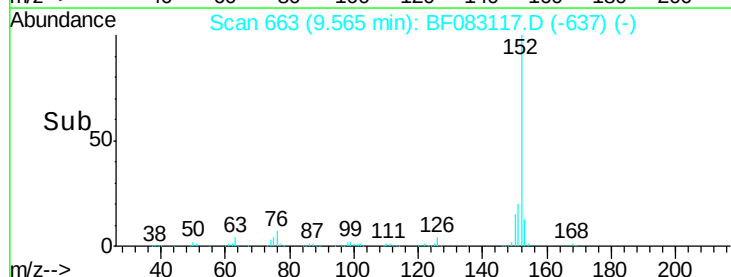
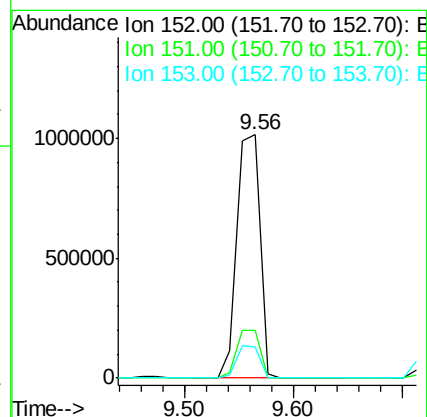
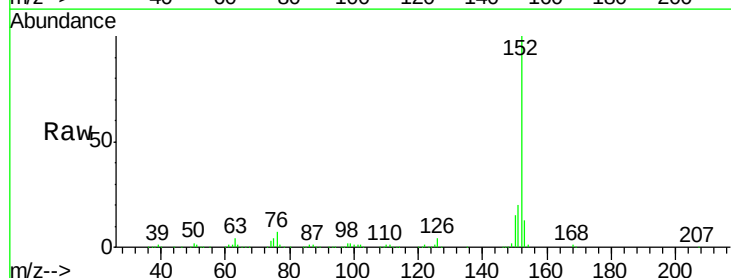
Tgt Ion: 152 Resp: 1468115

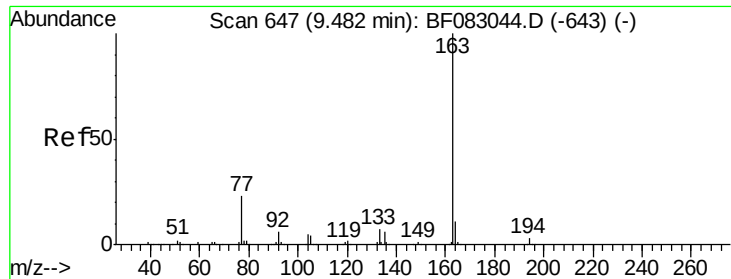
Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

153 13.0 10.6 15.8





#49

Dimethylphthalate

Concen: 40.36 ng

RT: 9.45 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

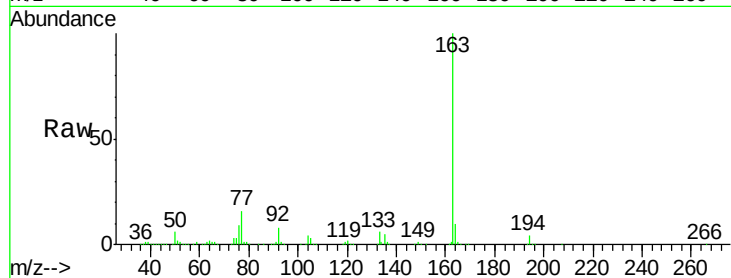
Tgt Ion:163 Resp: 1124908

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

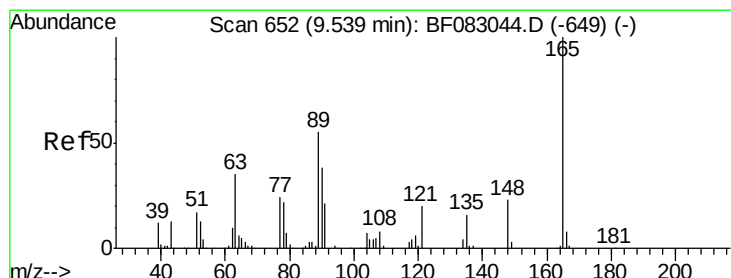
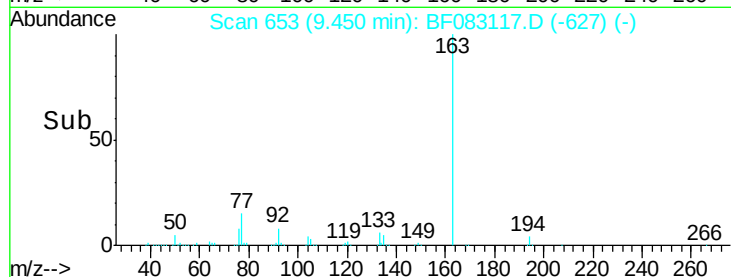
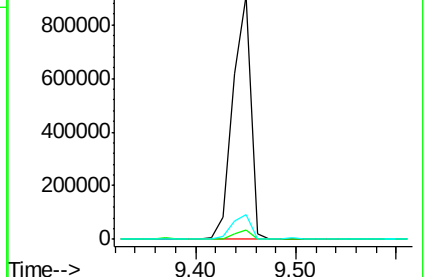
164 9.9 8.5 12.7



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: 38.81 ng

RT: 9.50 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

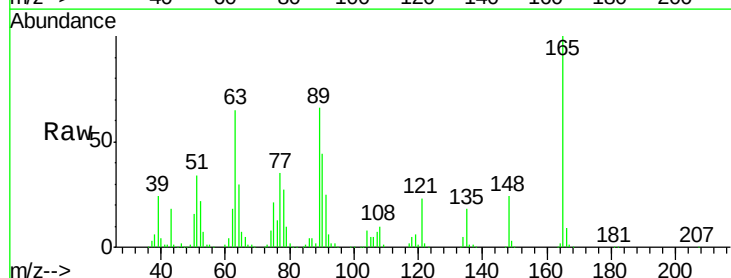
Tgt Ion:165 Resp: 248809

Ion Ratio Lower Upper

165 100

63 65.1 40.6 61.0#

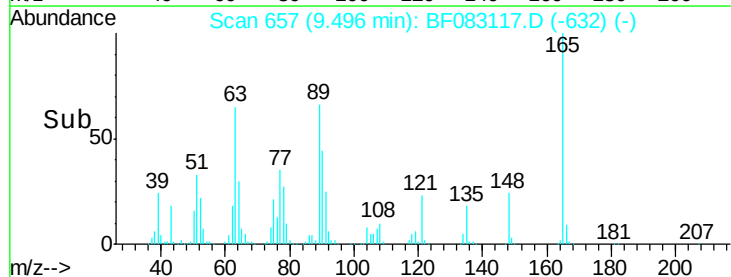
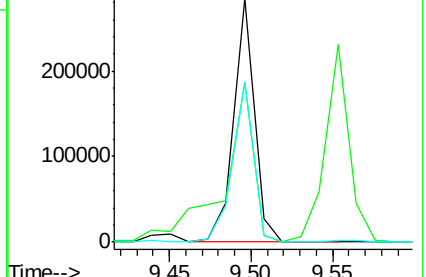
89 65.9 44.5 66.7

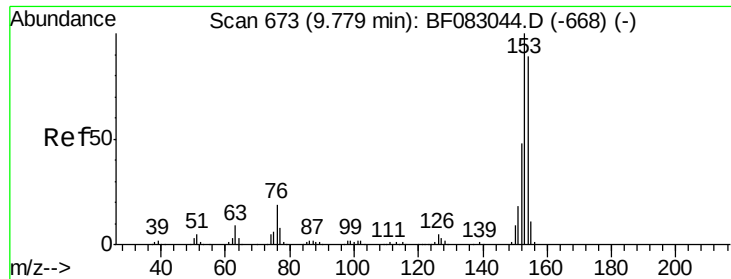


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.73 ng

RT: 9.72 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

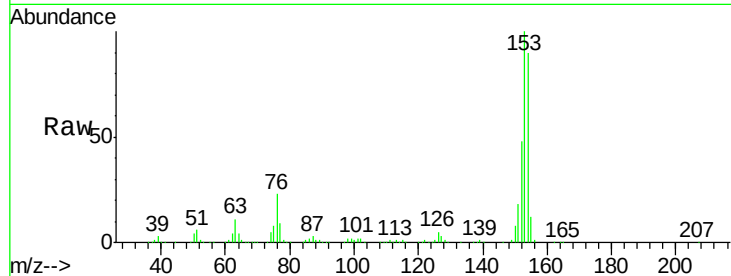
Tgt Ion:154 Resp: 880269

Ion Ratio Lower Upper

154 100

153 111.4 90.1 135.1

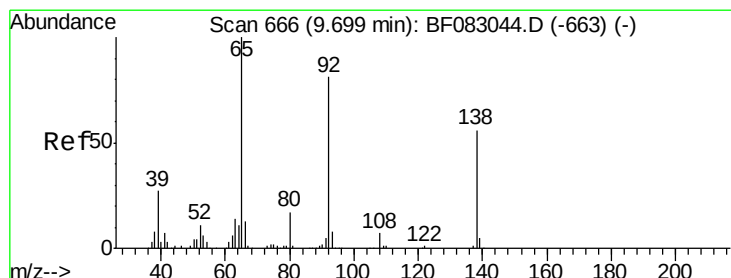
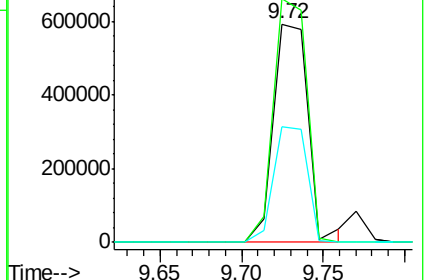
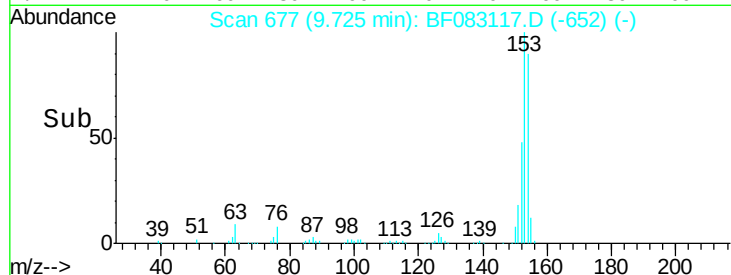
152 53.0 43.3 64.9



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: 36.42 ng

RT: 9.67 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

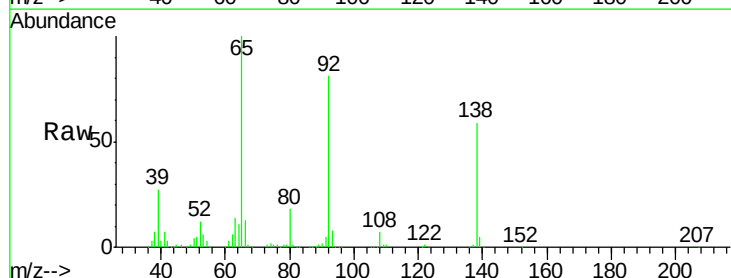
Tgt Ion:138 Resp: 255687

Ion Ratio Lower Upper

138 100

108 11.8 9.4 14.0

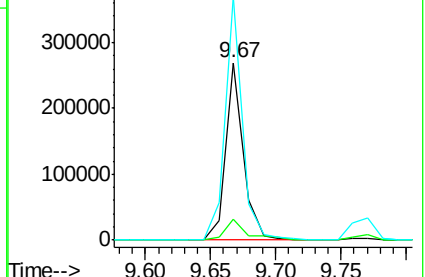
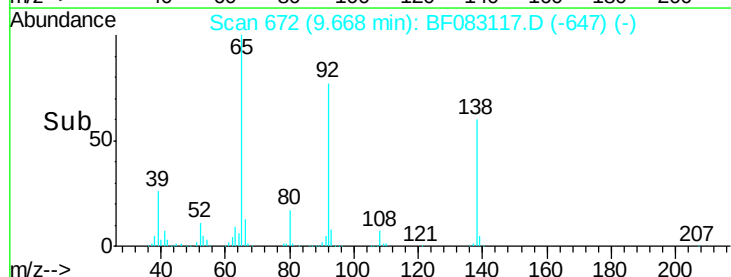
92 137.4 115.2 172.8

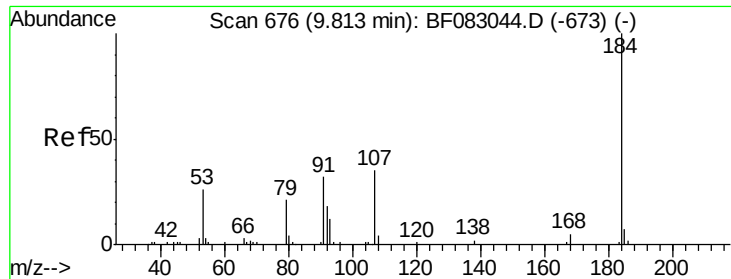


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

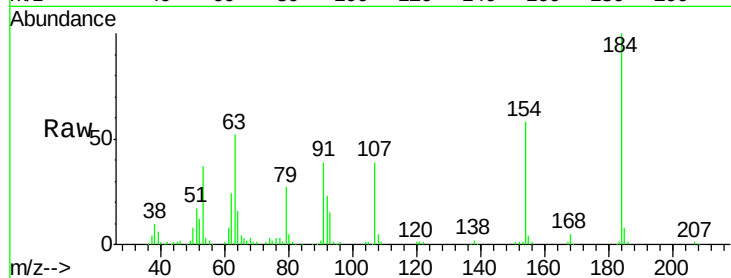




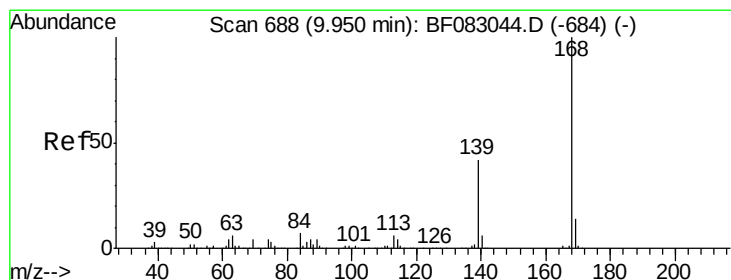
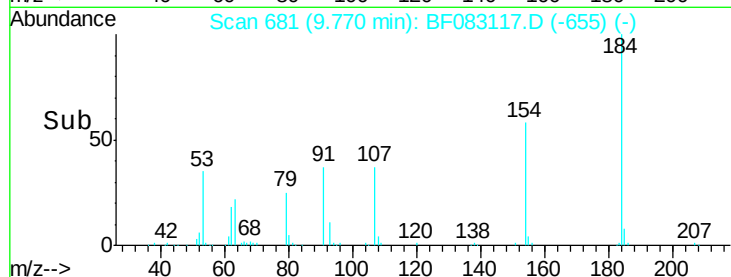
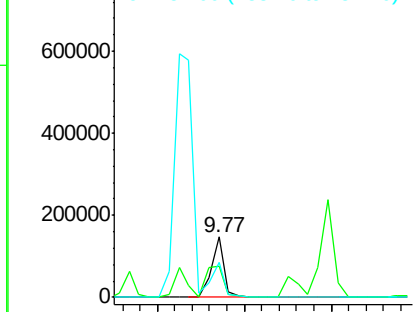
#53
2,4-Dinitrophenol
Concen: 40.97 ng
RT: 9.77 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112115

Tgt Ion:184 Resp: 150659
Ion Ratio Lower Upper
184 100
63 52.1 30.4 45.6#
154 58.1 44.9 67.3

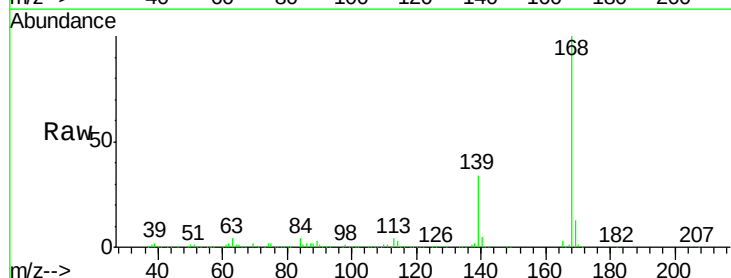


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

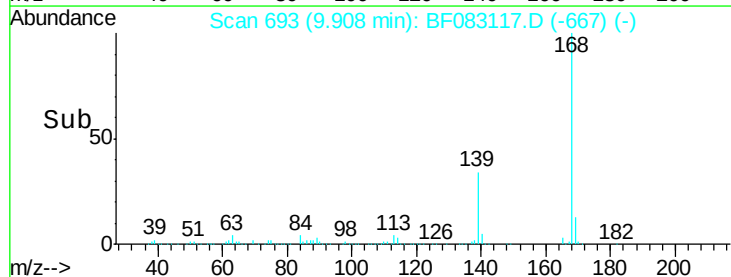
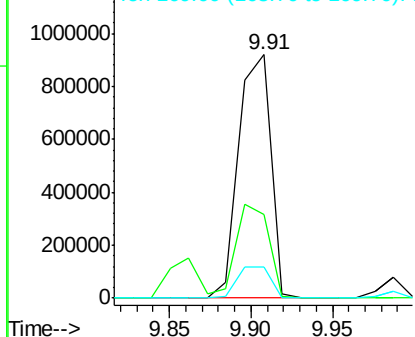


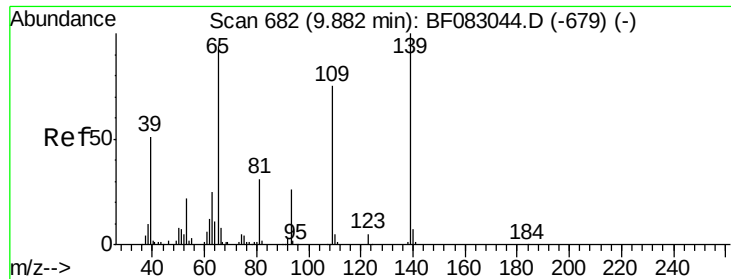
#54
Dibenzofuran
Concen: 39.07 ng
RT: 9.91 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Tgt Ion:168 Resp: 1249852
Ion Ratio Lower Upper
168 100
139 34.3 33.5 50.3
169 12.9 11.2 16.8



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

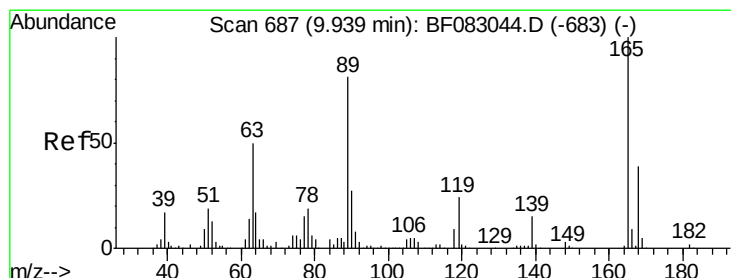
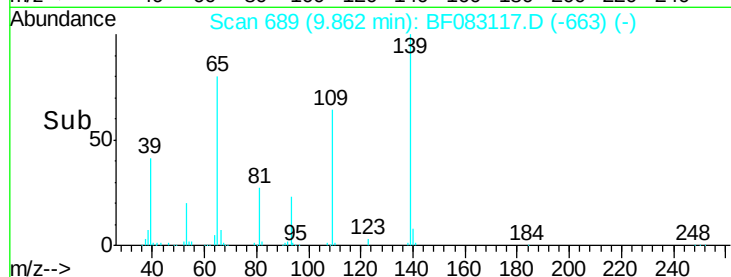
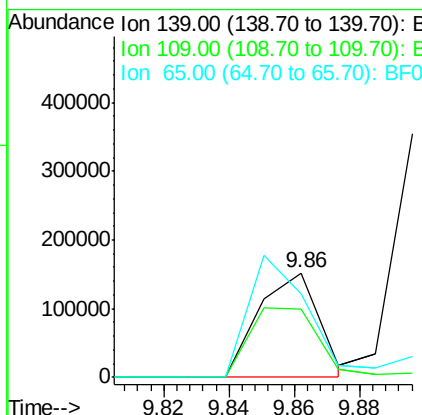
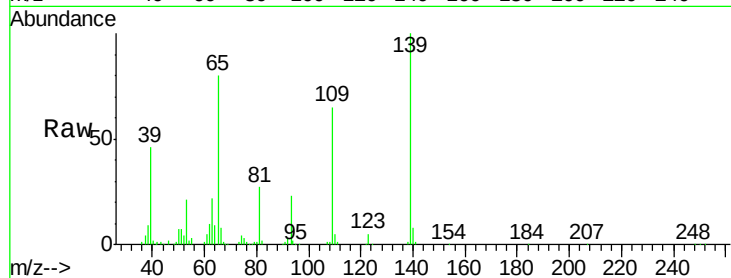




#55
4-Nitrophenol
Concen: 37.14 ng
RT: 9.86 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

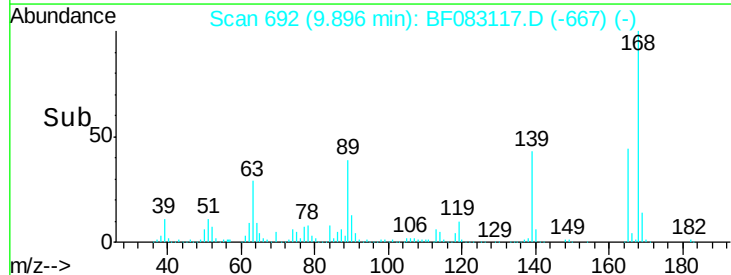
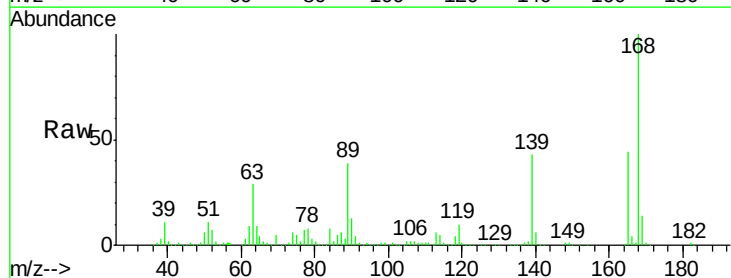
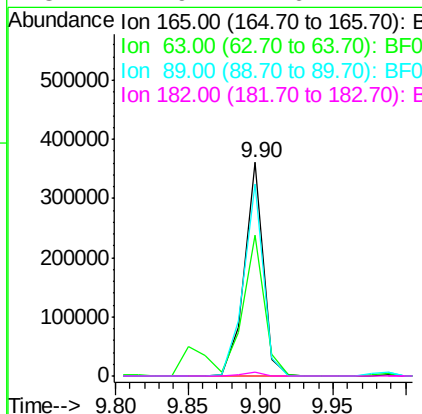
Instrument :
BNA_F
ClientSampleId :
ICVBF112115

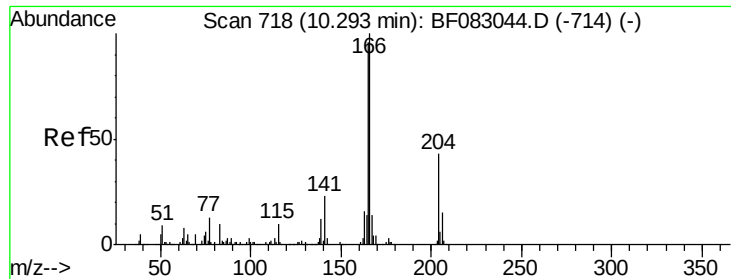
Tgt Ion:139 Resp: 193793
Ion Ratio Lower Upper
139 100
109 65.4 54.6 94.6
65 80.4 74.4 114.4



#56
2,4-Dinitrotoluene
Concen: 40.32 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Tgt Ion:165 Resp: 326046
Ion Ratio Lower Upper
165 100
63 66.0 40.6 61.0#
89 89.7 64.4 96.6
182 1.9 1.6 2.4

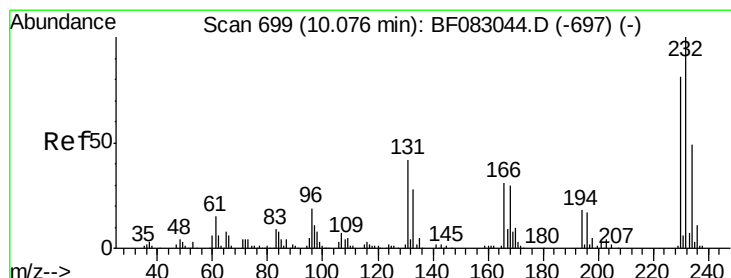
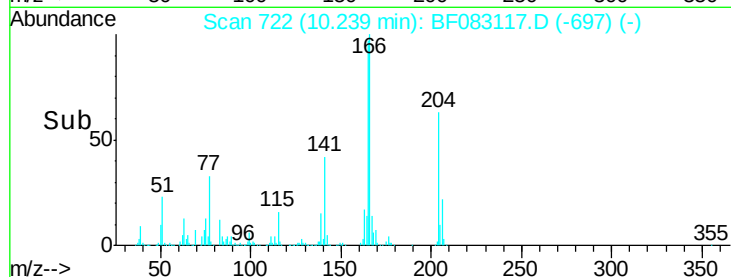
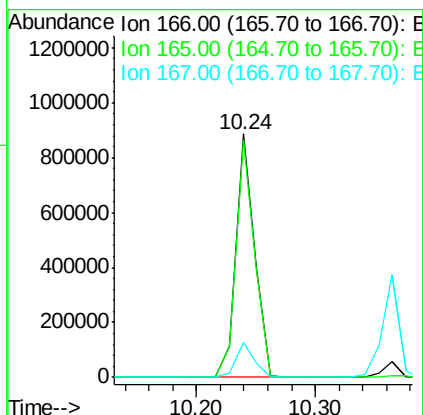
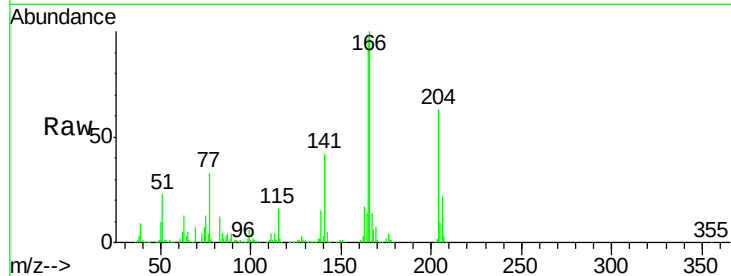




#57
 Fluorene
 Concen: 36.71 ng
 RT: 10.24 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

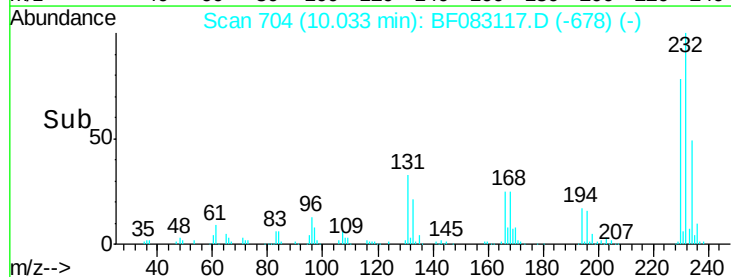
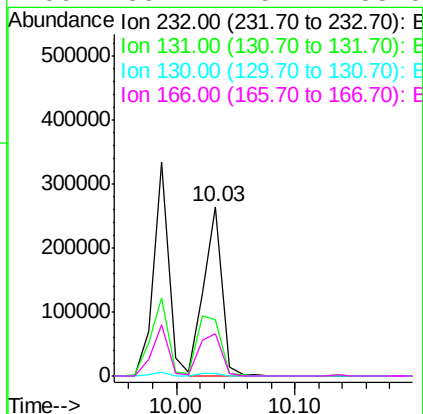
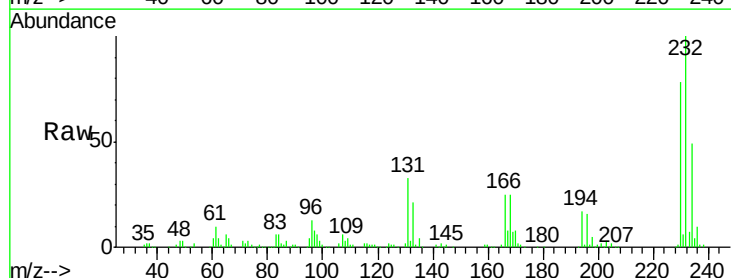
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112115

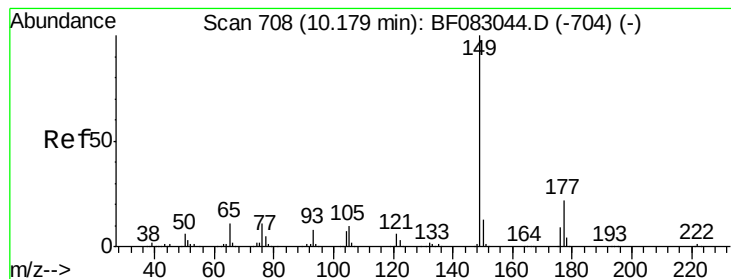
Tgt Ion:166 Resp: 970238
 Ion Ratio Lower Upper
 166 100
 165 97.5 77.1 115.7
 167 14.2 11.0 16.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.60 ng
 RT: 10.03 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Tgt Ion:232 Resp: 283581
 Ion Ratio Lower Upper
 232 100
 131 45.5 36.5 54.7
 130 2.1 1.8 2.6
 166 30.7 25.4 38.0





#59

Diethylphthalate

Concen: 38.30 ng

RT: 10.14 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

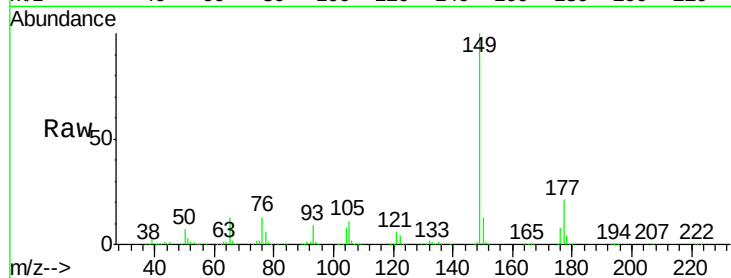
Tgt Ion:149 Resp: 1068886

Ion Ratio Lower Upper

149 100

177 20.9 17.4 26.2

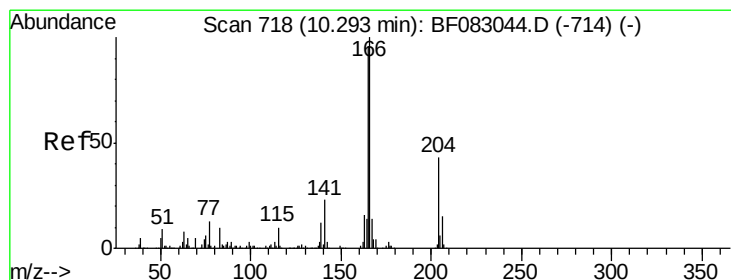
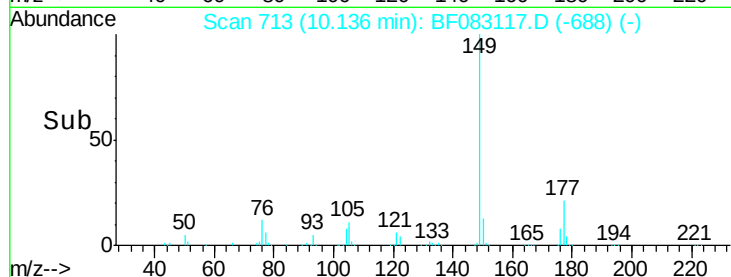
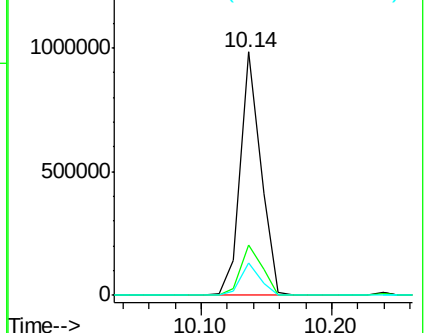
150 13.1 10.2 15.2



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: 40.18 ng

RT: 10.24 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

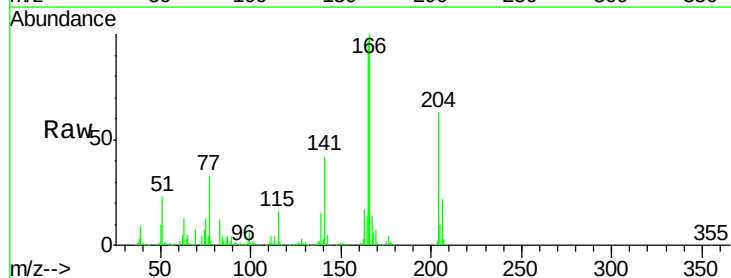
Tgt Ion:204 Resp: 482849

Ion Ratio Lower Upper

204 100

206 34.2 28.2 42.4

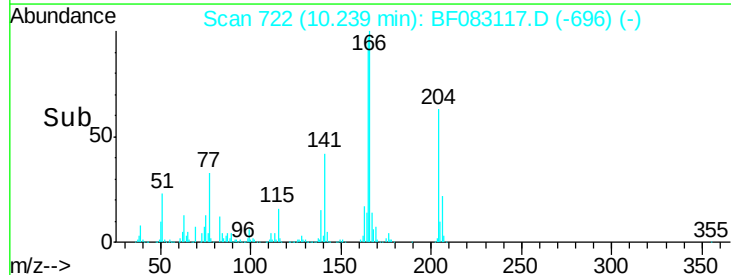
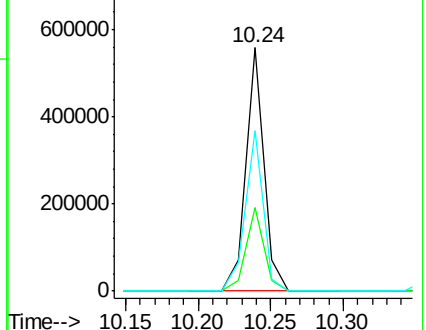
141 66.0 41.8 62.8#

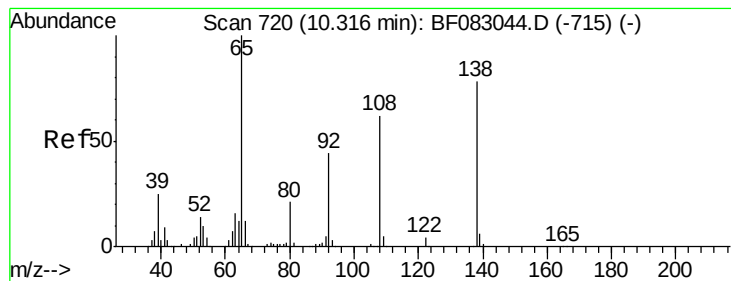


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.96 ng

RT: 10.28 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

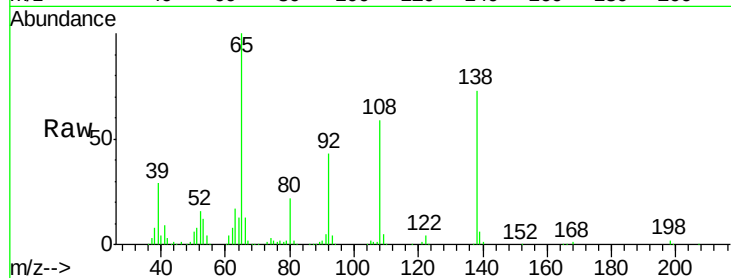
Tgt Ion:138 Resp: 268803

Ion Ratio Lower Upper

138 100

92 59.4 36.4 76.4

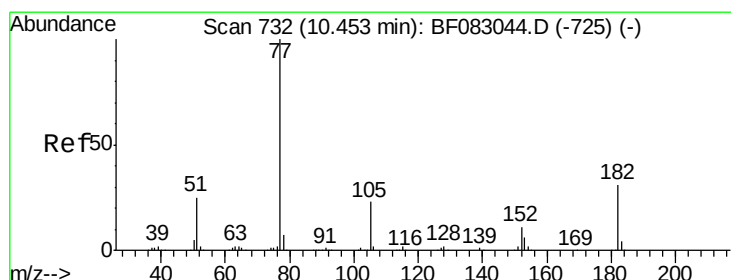
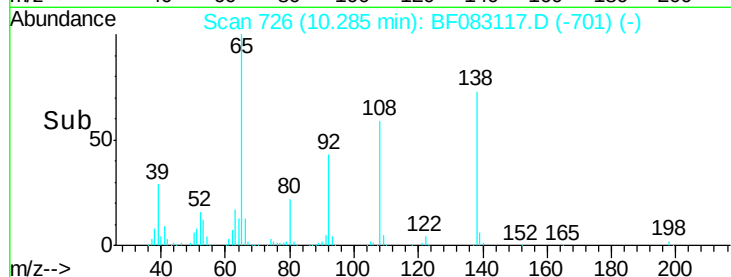
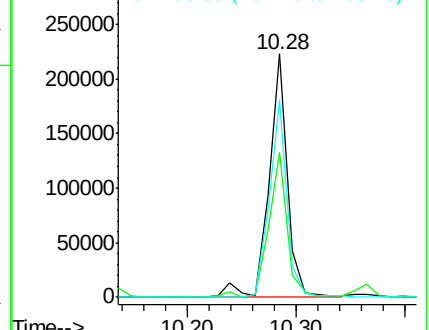
108 81.2 59.6 99.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.23 ng

RT: 10.40 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Tgt Ion: 77 Resp: 1308785

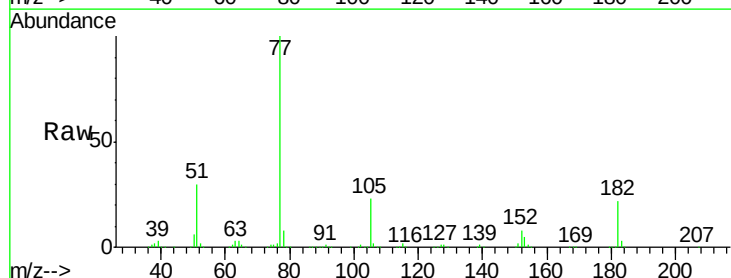
Ion Ratio Lower Upper

77 100

182 21.6 10.8 50.8

105 22.8 3.4 43.4

51 29.6 4.7 44.7

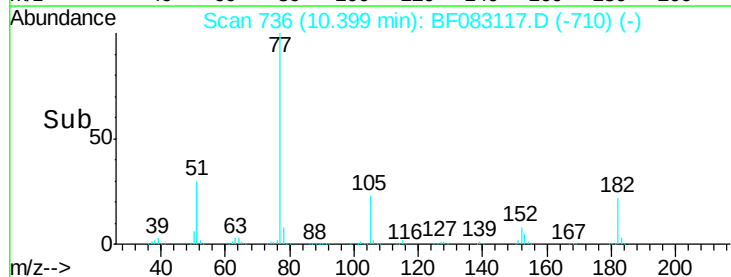
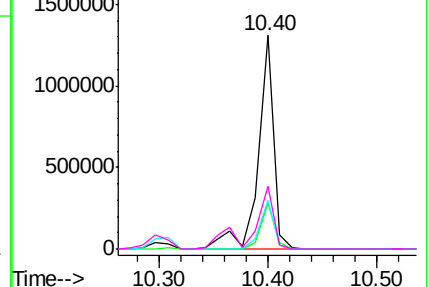


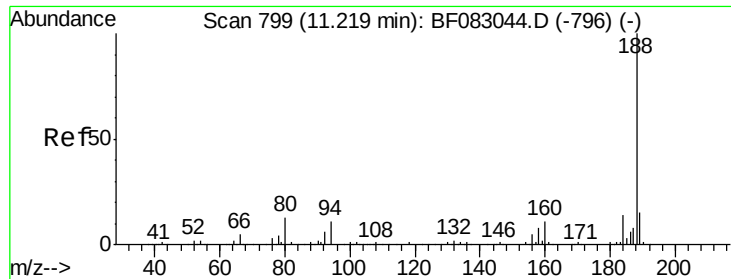
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.18 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

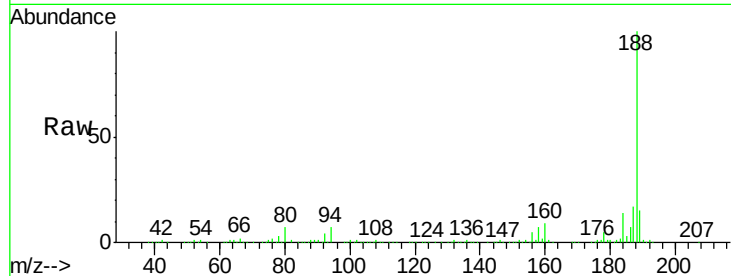
Tgt Ion:188 Resp: 677843

Ion Ratio Lower Upper

188 100

94 6.8 9.0 13.4#

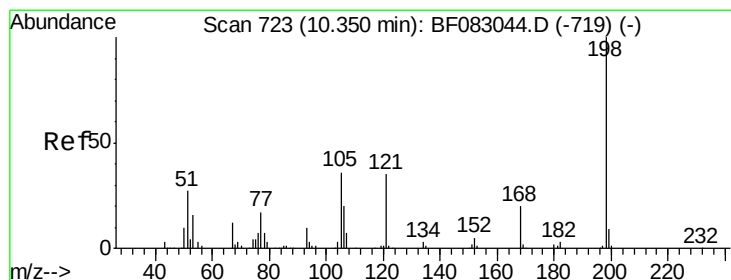
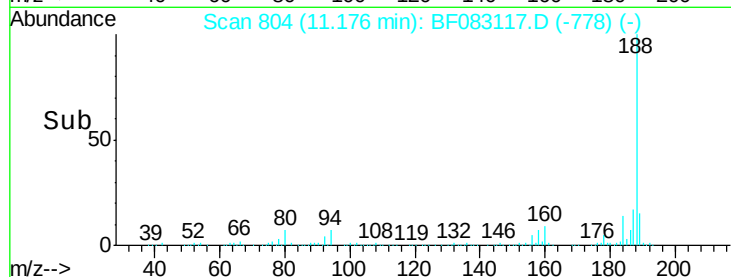
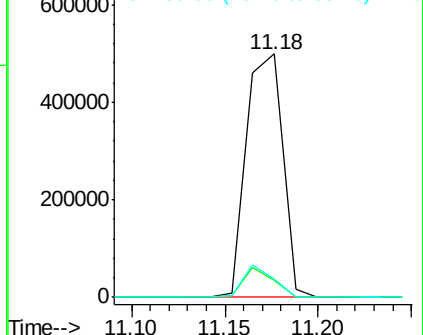
80 7.4 10.2 15.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.88 ng

RT: 10.31 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

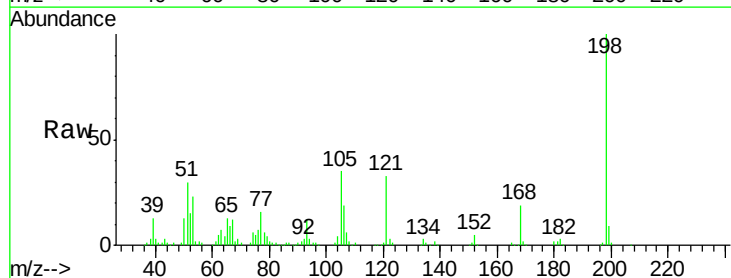
Tgt Ion:198 Resp: 208140

Ion Ratio Lower Upper

198 100

51 30.4 11.1 51.1

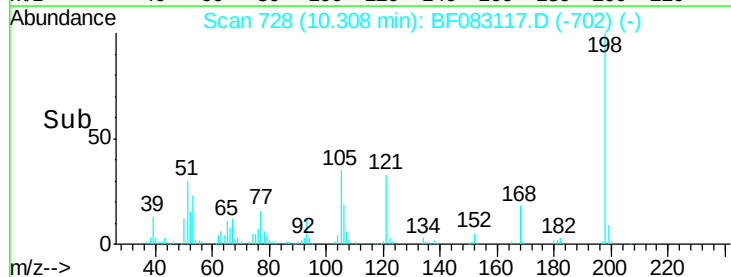
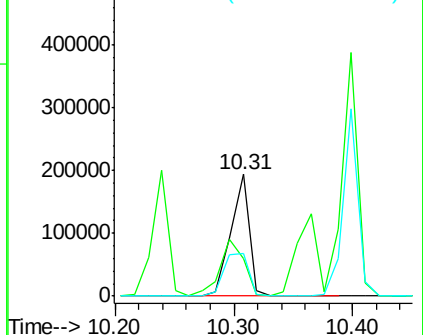
105 35.0 16.5 56.5

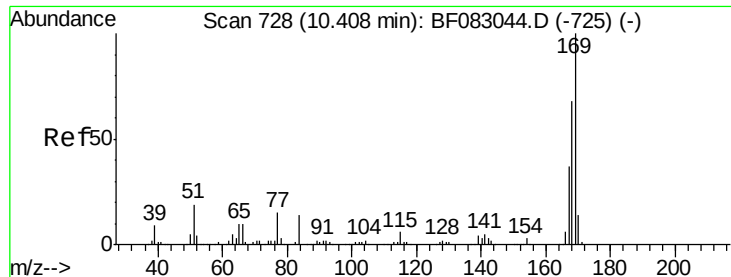


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.12 ng

RT: 10.36 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

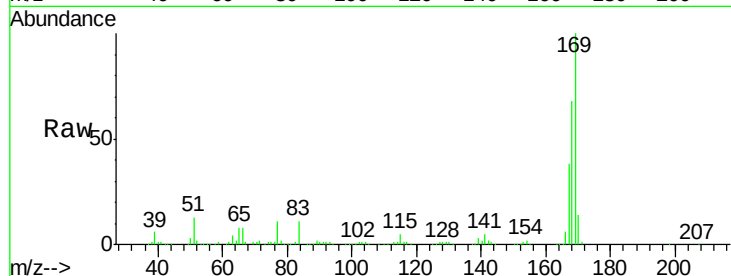
Tgt Ion:169 Resp: 954883

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.2

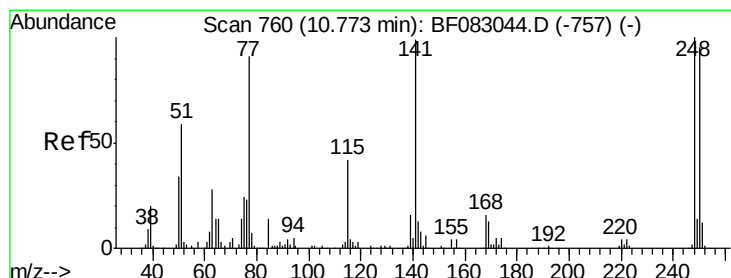
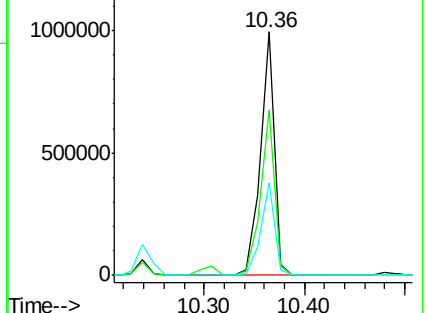
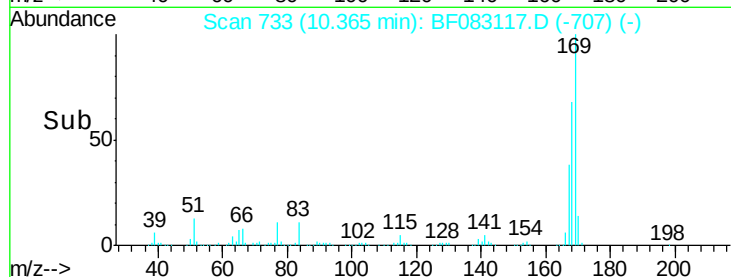
167 37.9 29.5 44.3



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: 39.28 ng

RT: 10.73 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

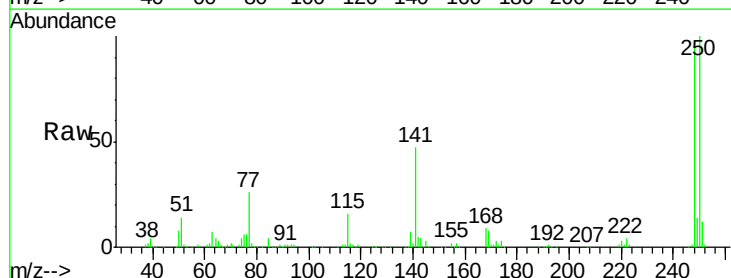
Tgt Ion:248 Resp: 293855

Ion Ratio Lower Upper

248 100

250 102.7 76.1 114.1

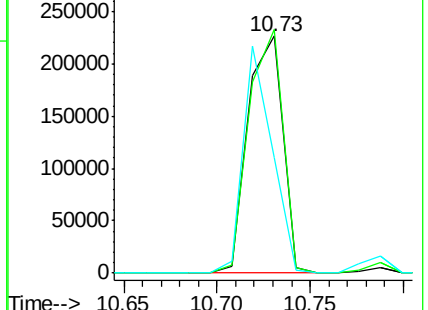
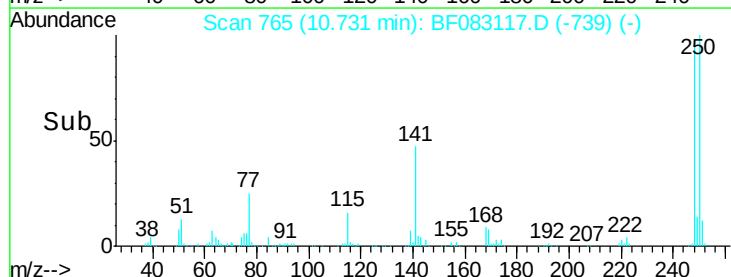
141 48.7 79.2 118.8#

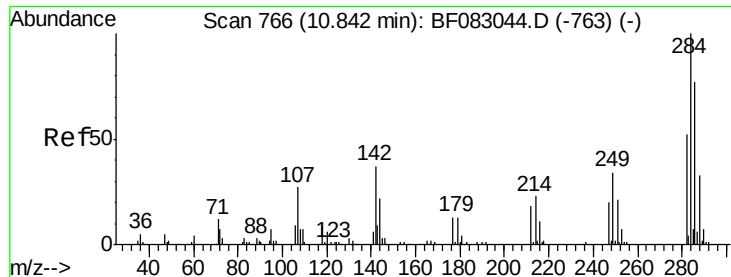


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

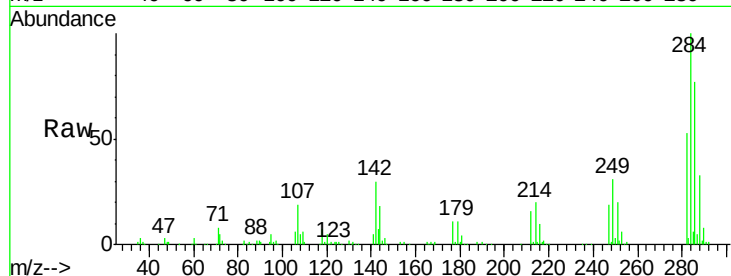




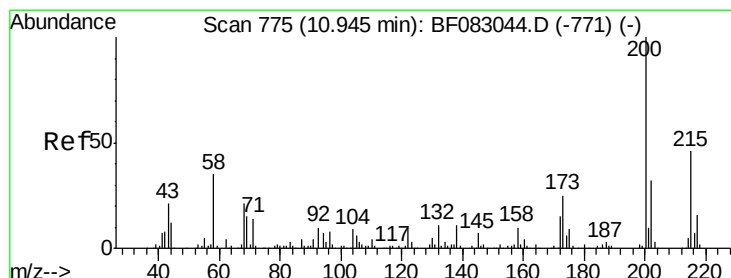
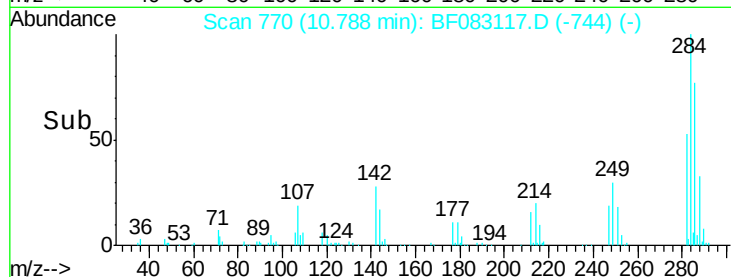
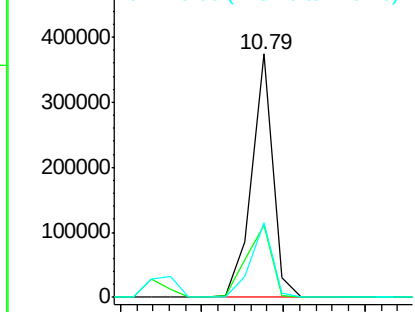
#67
Hexachlorobenzene
Concen: 41.48 ng
RT: 10.79 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112115

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	29.5	44.3
249	30.9	27.2	40.8

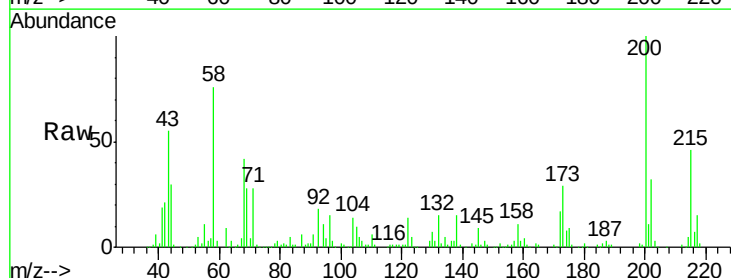


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

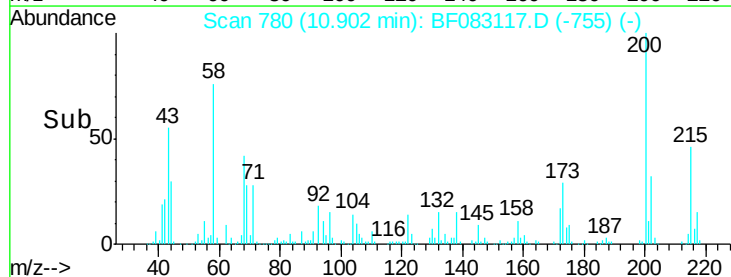
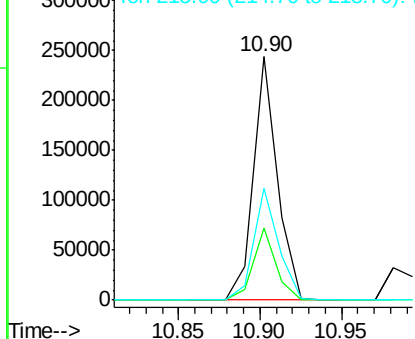


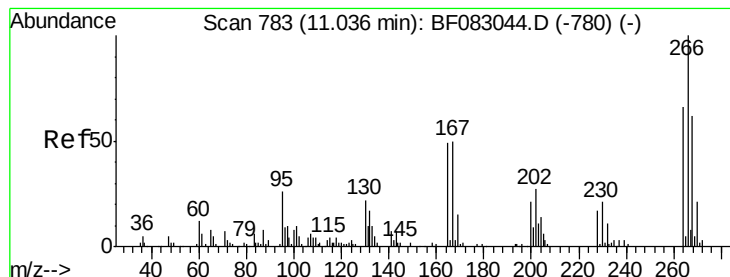
#68
Atrazine
Concen: 37.69 ng
RT: 10.90 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF083117.D
Acq: 21 Nov 2015 18:05

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.4	4.9	44.9
215	46.0	25.5	65.5



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: 39.33 ng

RT: 10.99 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

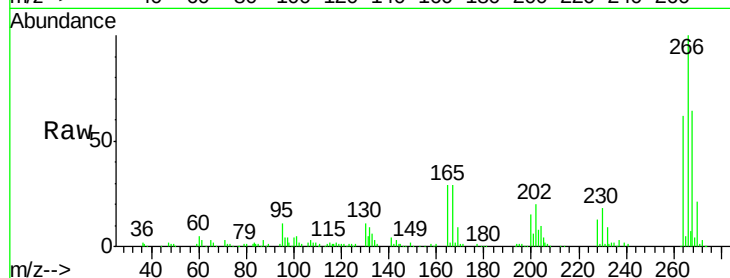
Tgt Ion:266 Resp: 217111

Ion Ratio Lower Upper

266 100

268 64.0 49.6 74.4

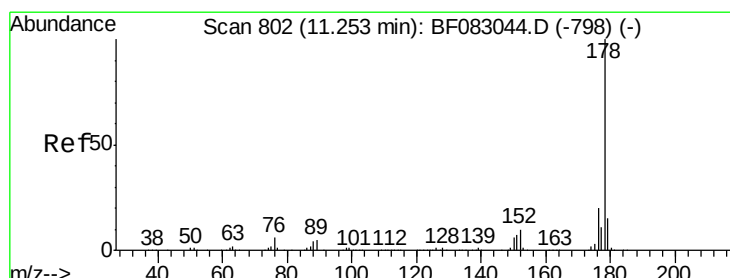
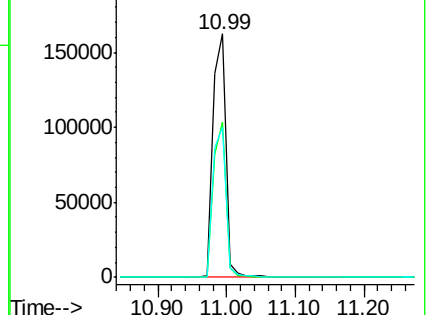
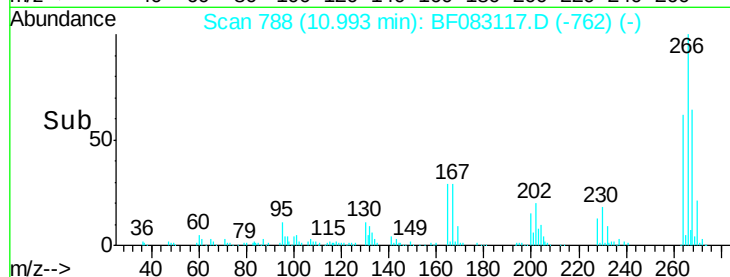
264 61.5 52.7 79.1



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: 41.90 ng

RT: 11.20 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

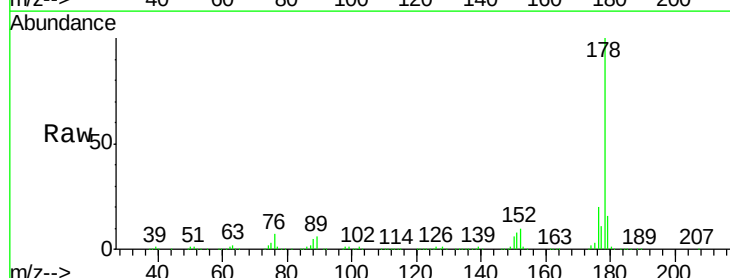
Tgt Ion:178 Resp: 1580466

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

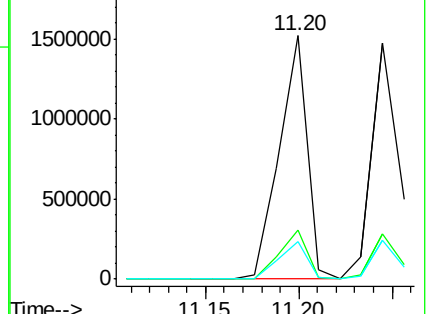
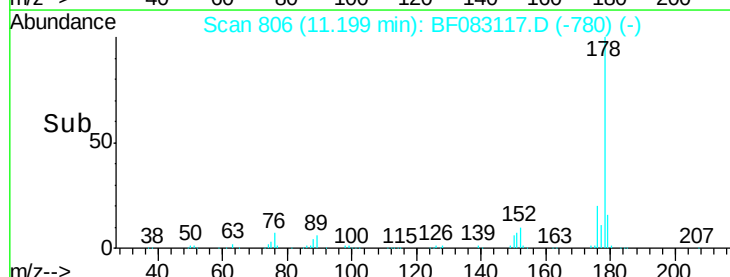
179 15.6 12.3 18.5

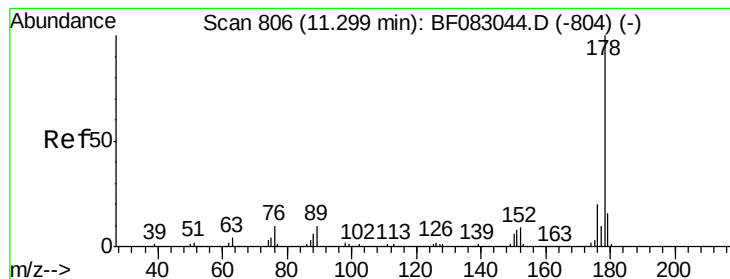


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 37.56 ng

RT: 11.24 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

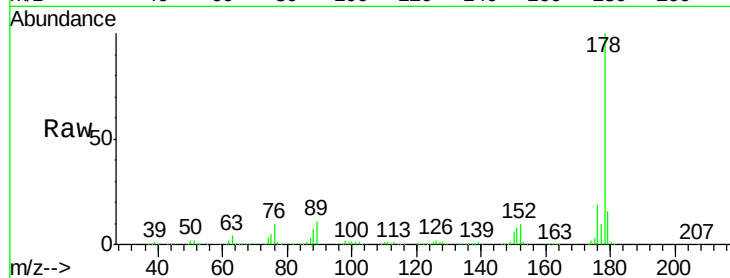
Tgt Ion:178 Resp: 1465616

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

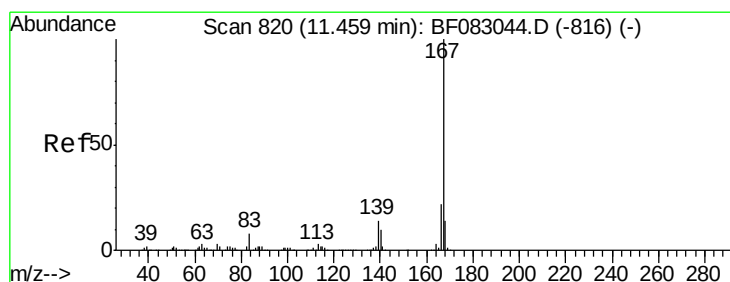
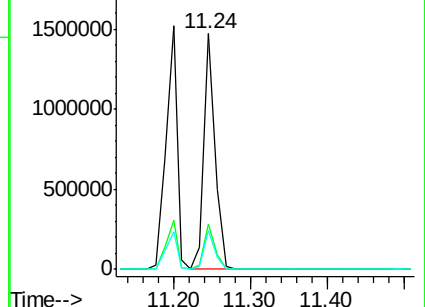
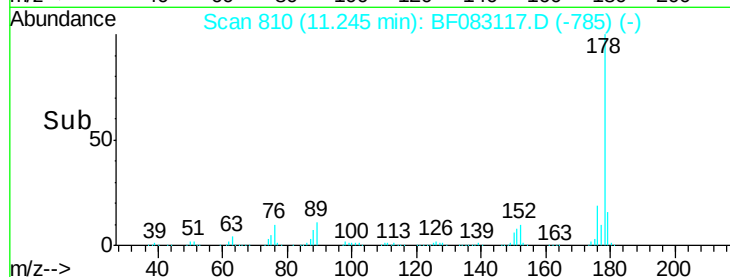
179 16.2 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.93 ng

RT: 11.42 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

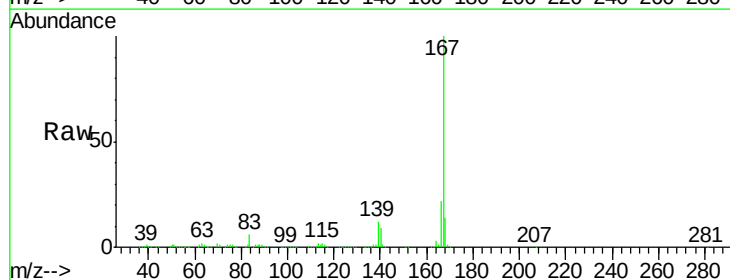
Tgt Ion:167 Resp: 1383722

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.6

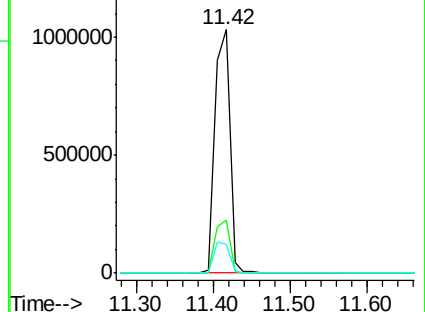
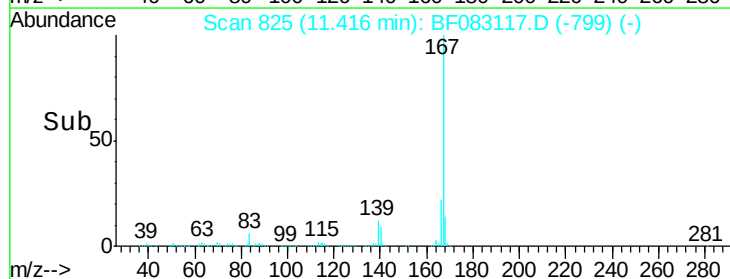
139 11.9 11.0 16.4

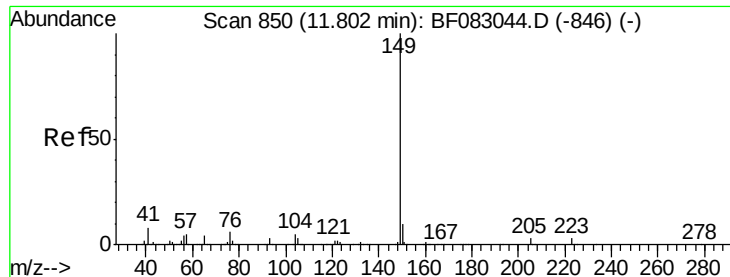


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.50 ng

RT: 11.76 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

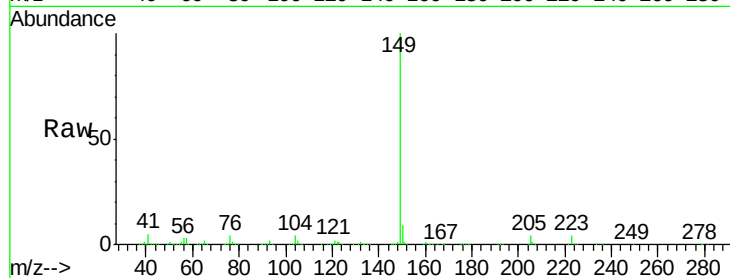
Tgt Ion:149 Resp: 1728285

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.8

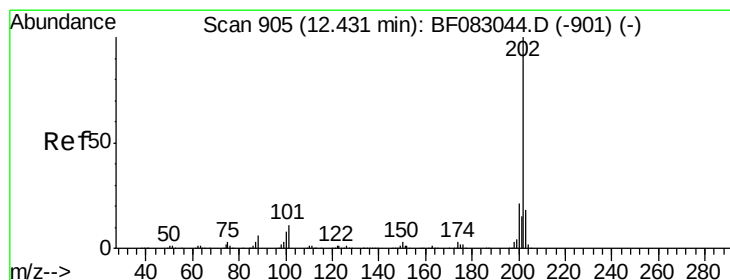
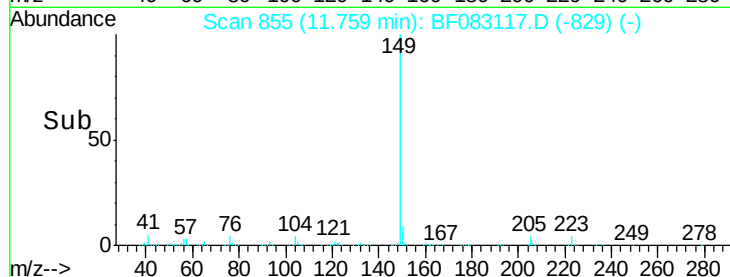
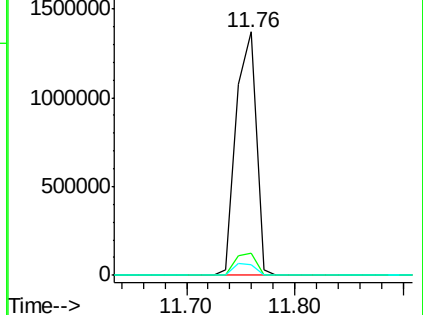
104 4.2 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.61 ng

RT: 12.38 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

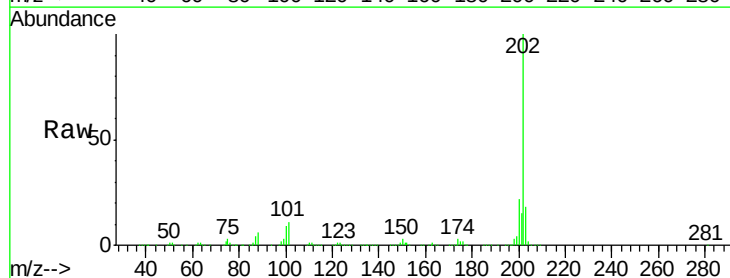
Tgt Ion:202 Resp: 1539802

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.1

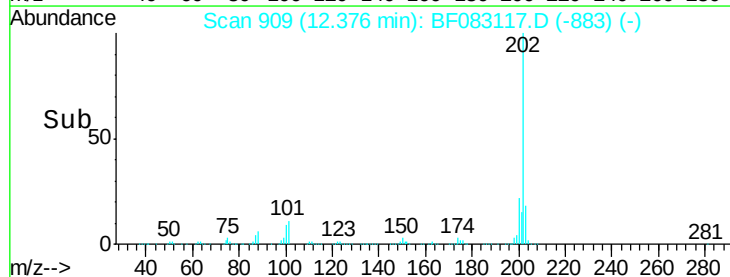
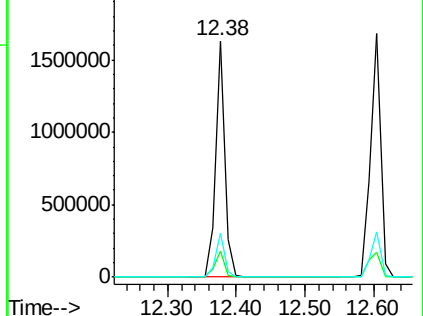
203 18.4 0.0 38.4

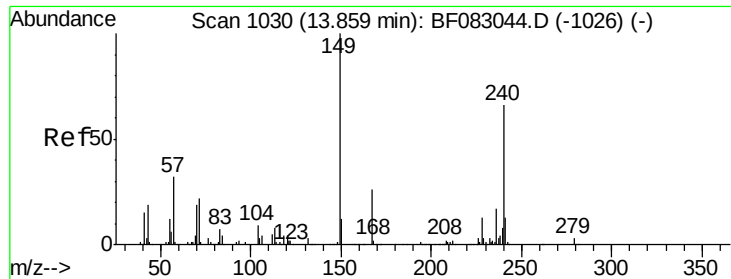


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

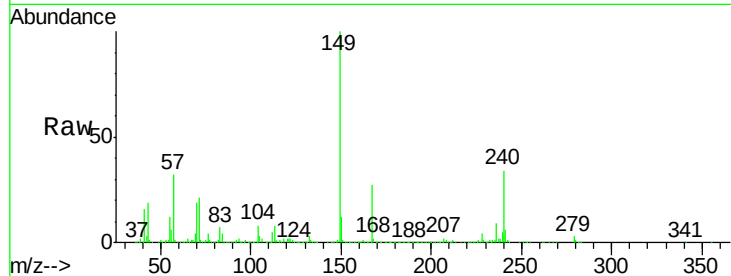
Tgt Ion:240 Resp: 553570

Ion Ratio Lower Upper

240 100

120 5.5 5.3 7.9

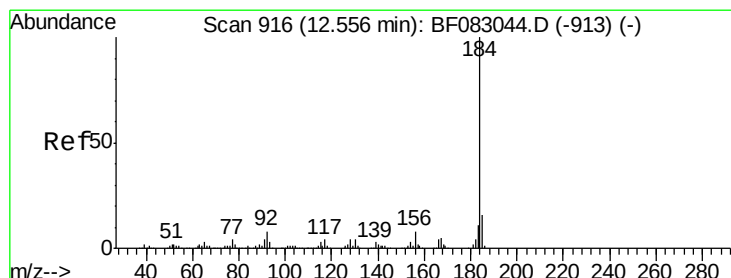
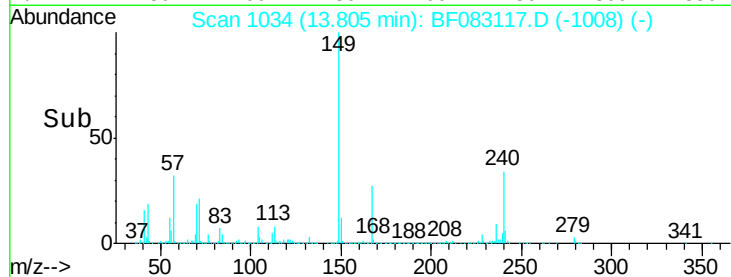
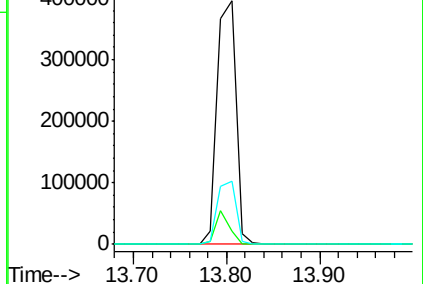
236 26.1 20.4 30.6



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: 48.22 ng

RT: 12.51 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

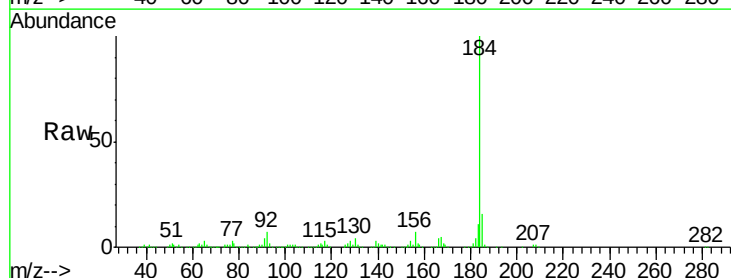
Tgt Ion:184 Resp: 699641

Ion Ratio Lower Upper

184 100

185 16.4 12.6 19.0

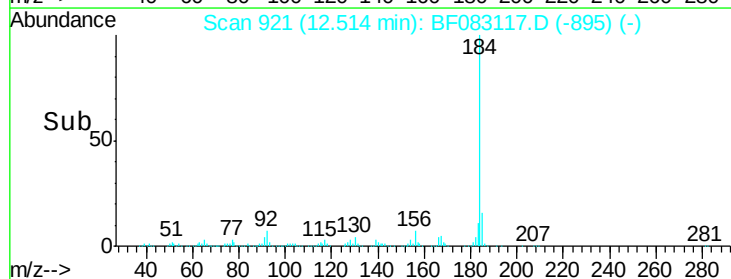
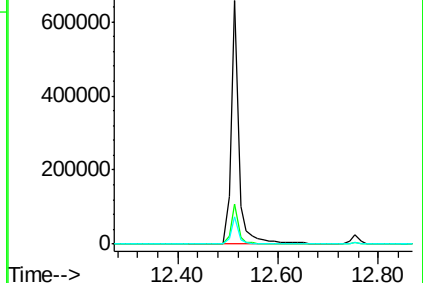
183 11.2 9.0 13.4

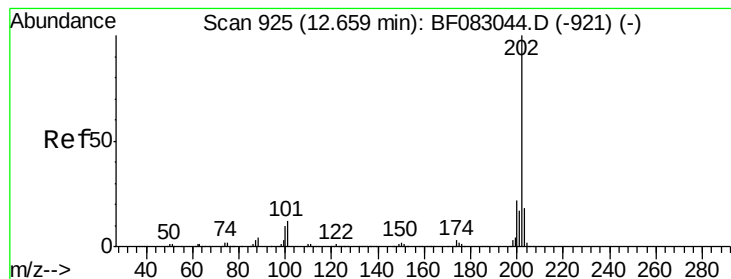


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 45.04 ng

RT: 12.61 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

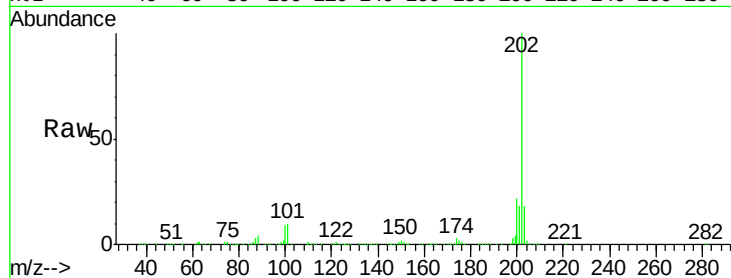
Tgt Ion:202 Resp: 1679548

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

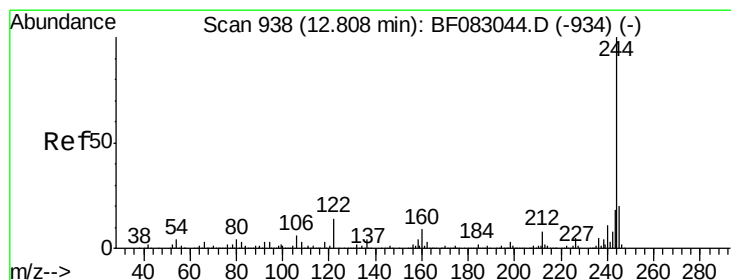
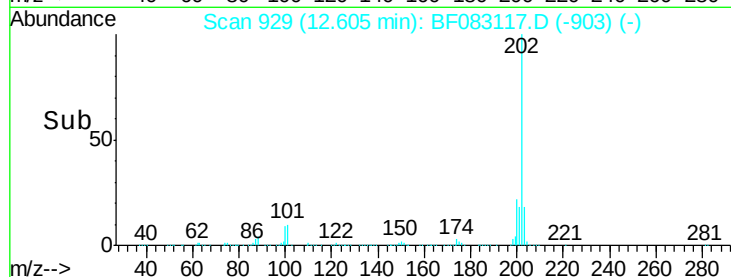
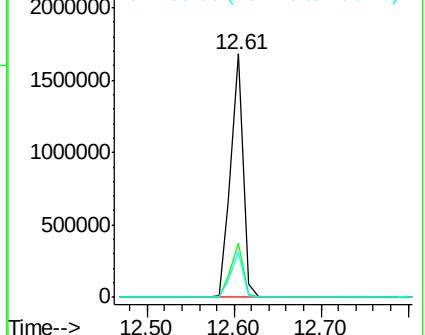
203 18.5 14.6 22.0



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: 77.07 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

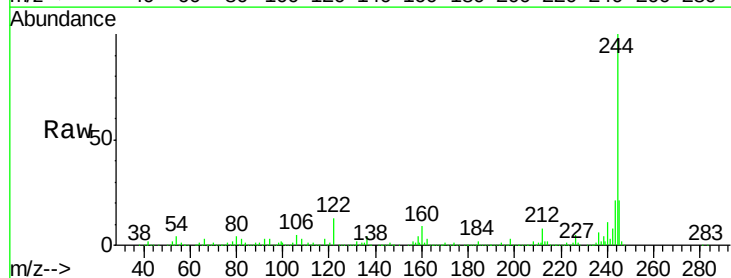
Tgt Ion:244 Resp: 1782431

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

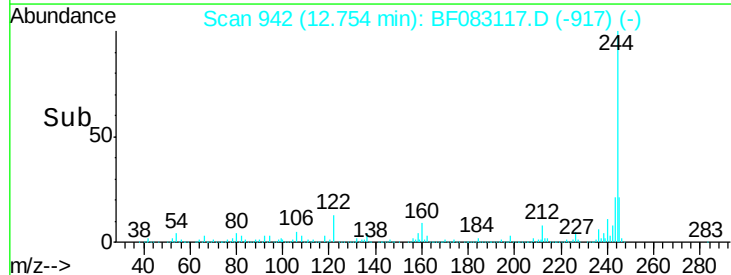
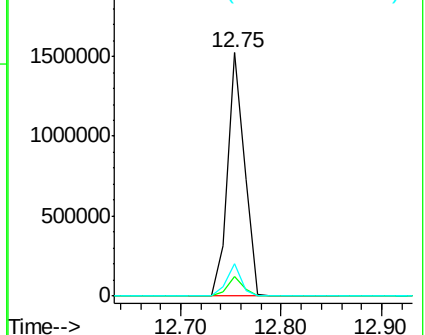
122 13.5 10.9 16.3

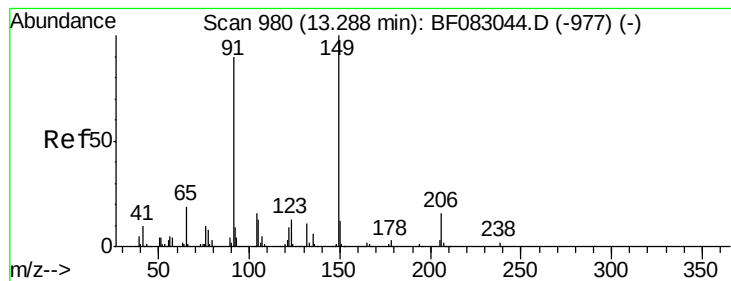


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.74 ng

RT: 13.25 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

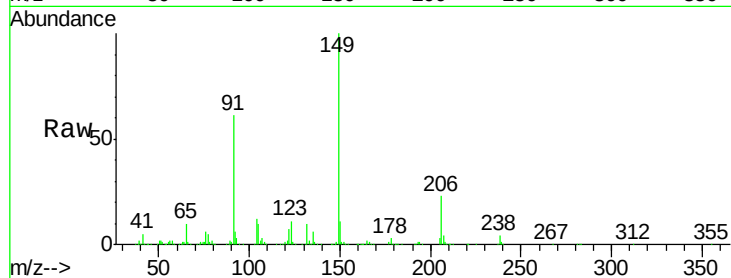
Tgt Ion:149 Resp: 770066

Ion Ratio Lower Upper

149 100

91 60.9 71.9 107.9#

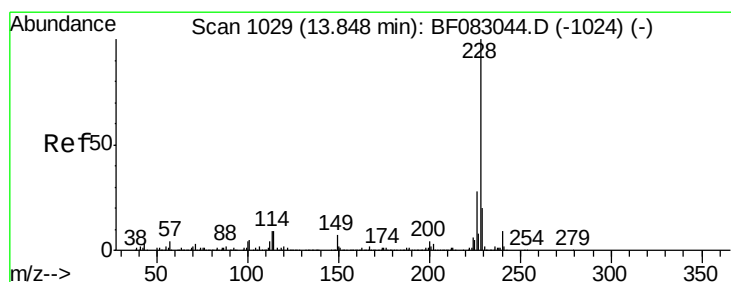
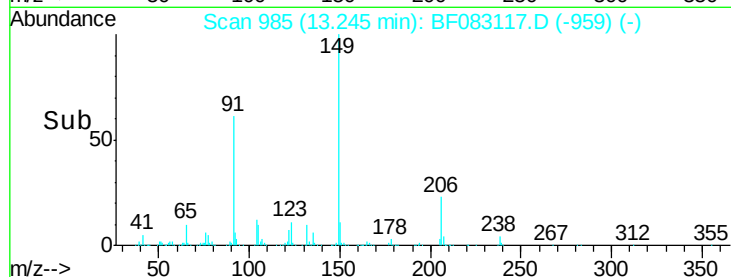
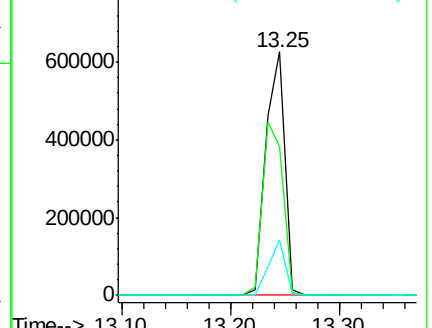
206 22.8 13.1 19.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.16 ng

RT: 13.79 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

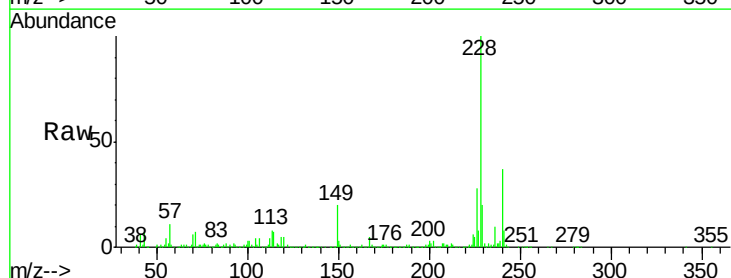
Tgt Ion:228 Resp: 1444213

Ion Ratio Lower Upper

228 100

226 27.5 22.6 34.0

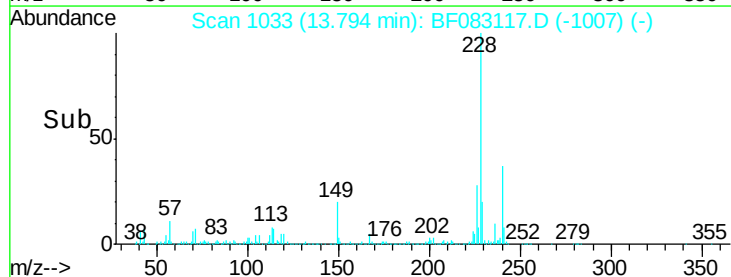
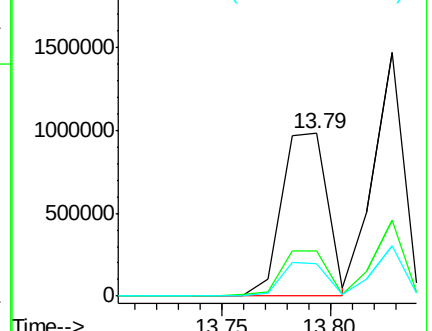
229 19.9 16.1 24.1

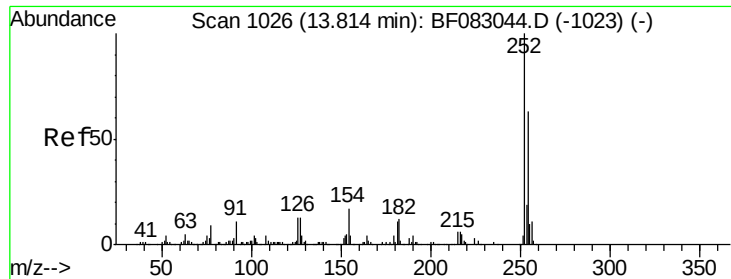


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

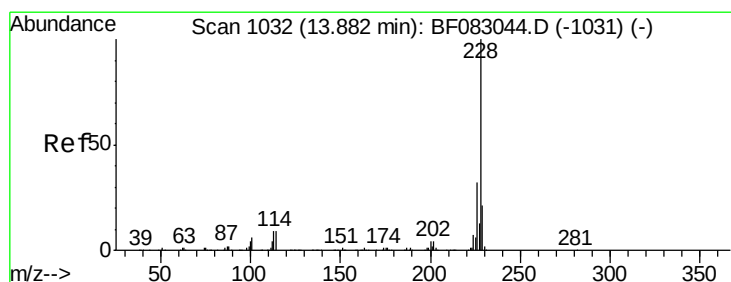
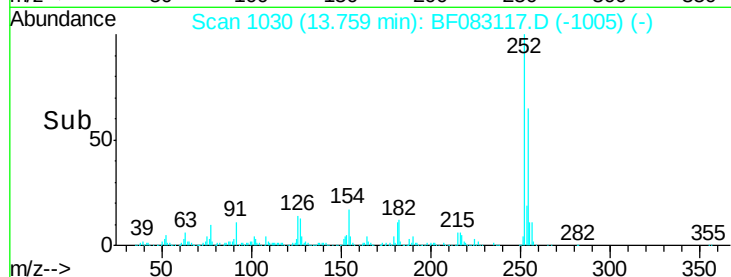
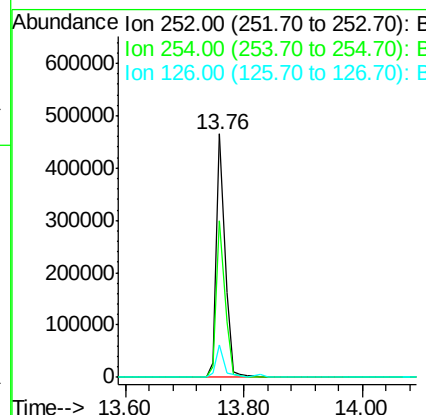
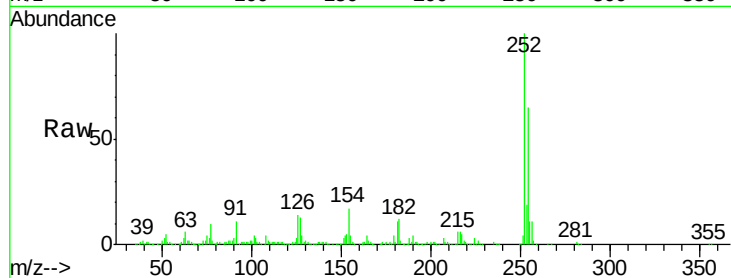




#81
 3,3'-Dichlorobenzidine
 Concen: 39.50 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

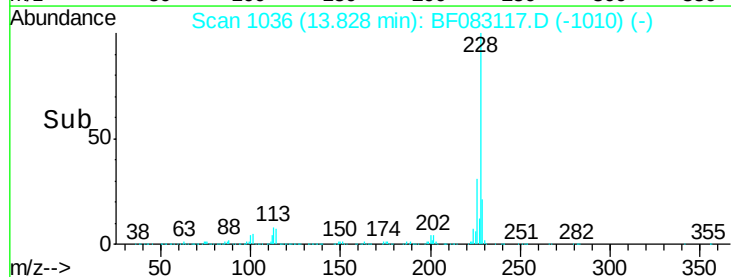
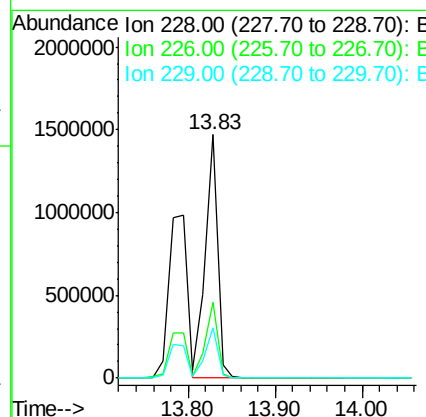
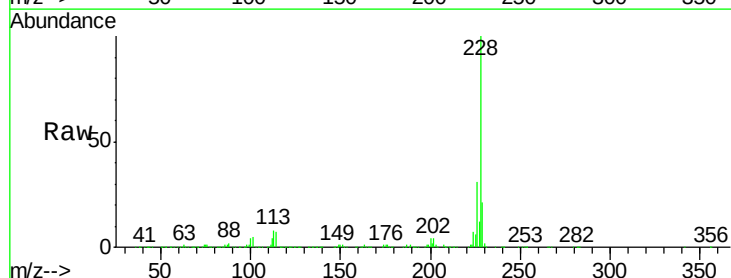
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112115

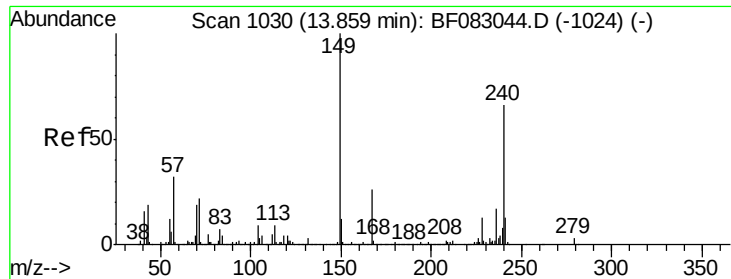
Tgt Ion:252 Resp: 471039
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.6 76.0
 126 13.5 10.2 15.4



#82
 Chrysene
 Concen: 48.30 ng
 RT: 13.83 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Tgt Ion:228 Resp: 1424846
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.3 37.9
 229 20.7 16.4 24.6

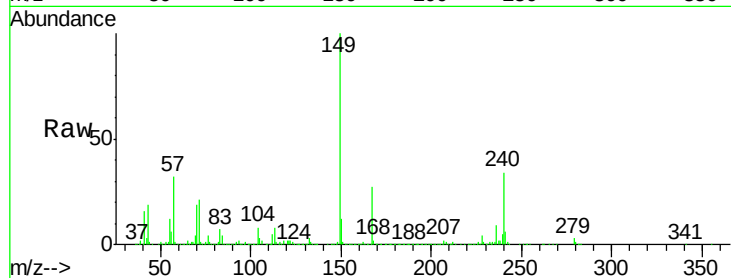




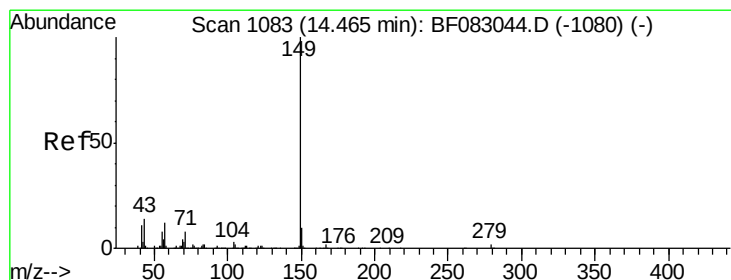
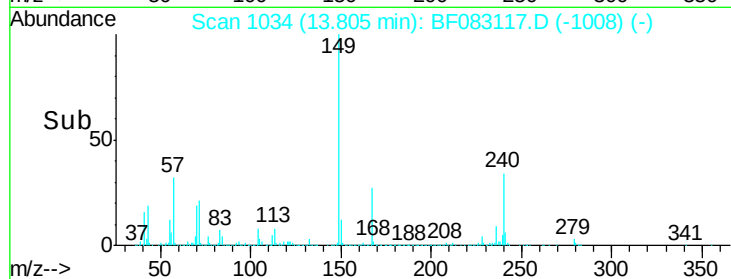
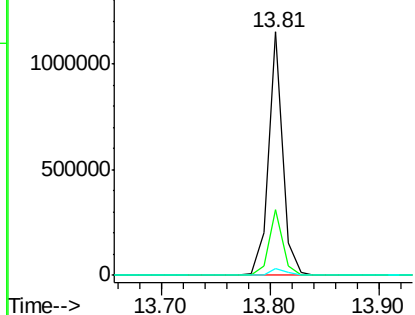
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.89 ng
 RT: 13.81 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112115

Tgt Ion:149 Resp: 1041537
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.9 31.3
 279 2.9 2.0 3.0

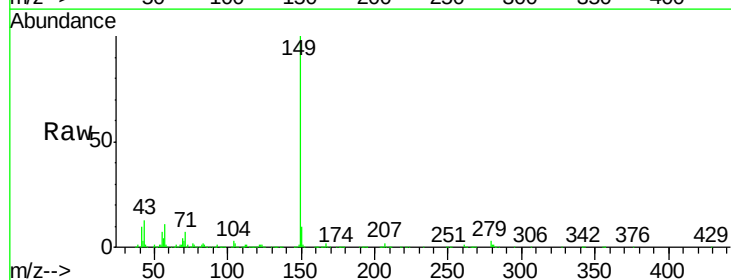


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

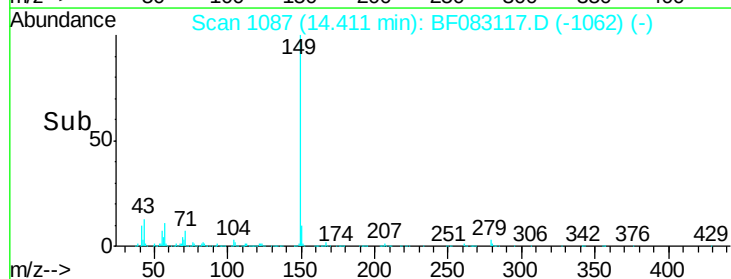
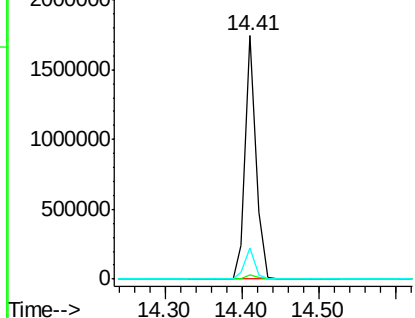


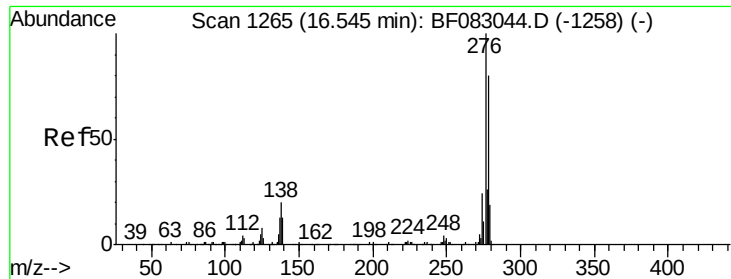
#84
 Di-n-octyl phthalate
 Concen: 42.84 ng
 RT: 14.41 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Tgt Ion:149 Resp: 1703911
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.5 8.8 13.2



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

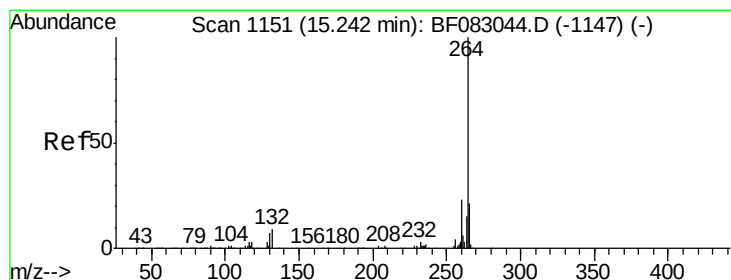
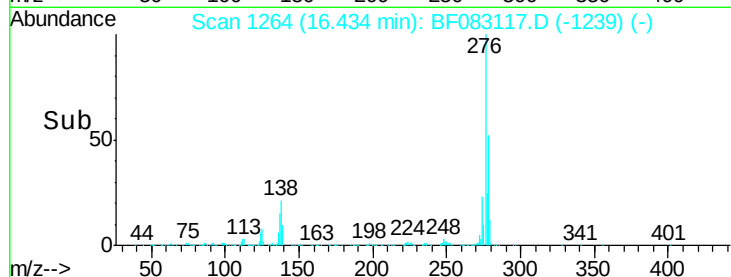
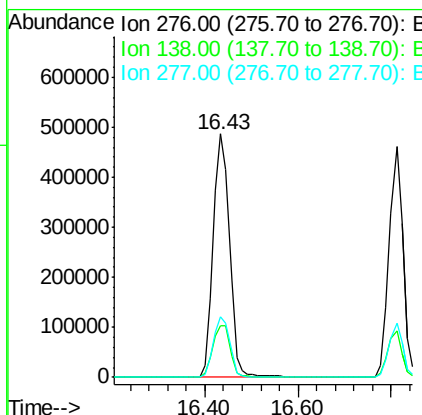
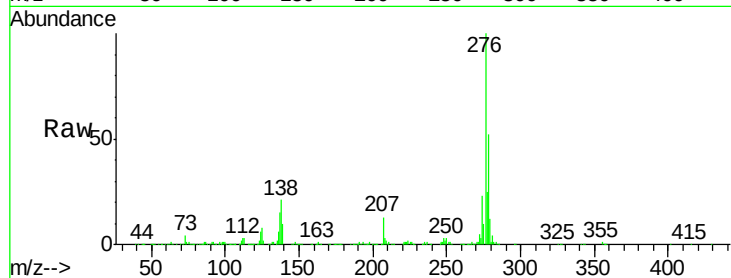




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.54 ng
 RT: 16.43 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

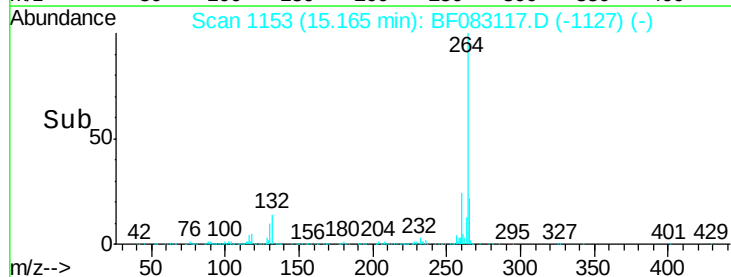
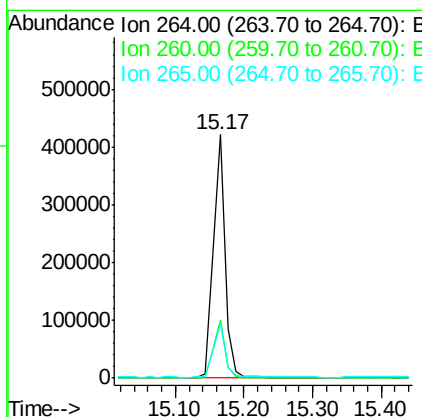
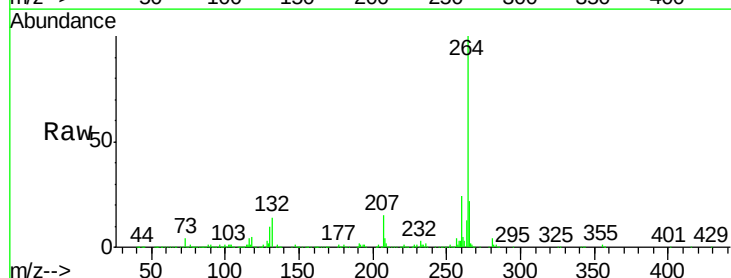
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112115

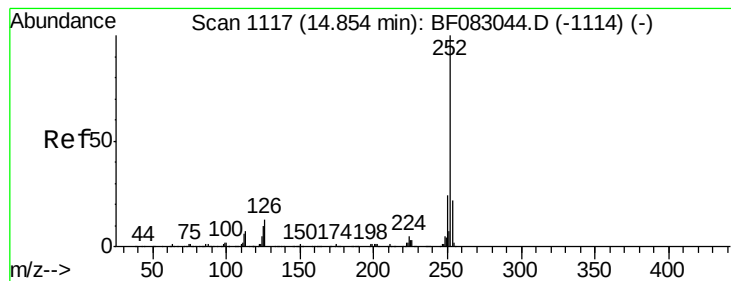
Tgt Ion: 276 Resp: 1195770
 Ion Ratio Lower Upper
 276 100
 138 23.0 16.3 24.5
 277 25.1 19.8 29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Tgt Ion: 264 Resp: 515149
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 27.8
 265 22.3 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 70.24 ng

RT: 14.82 min Scan# 1123

Delta R.T. 0.02 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

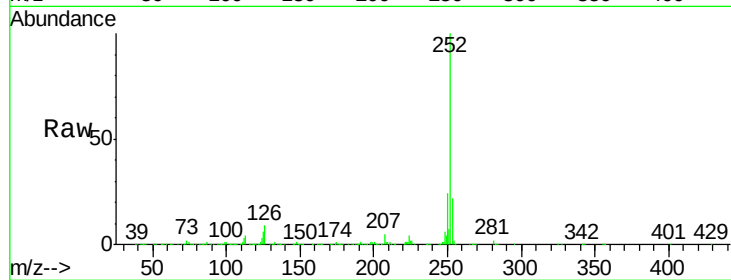
Tgt Ion:252 Resp: 2400880

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

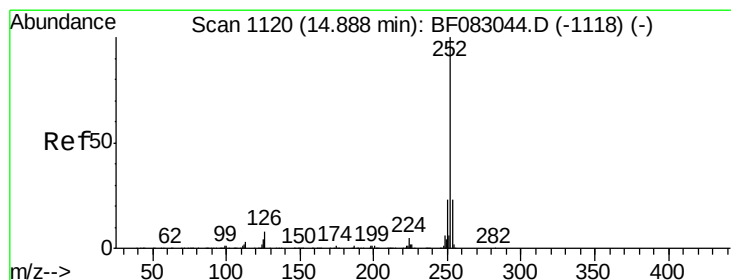
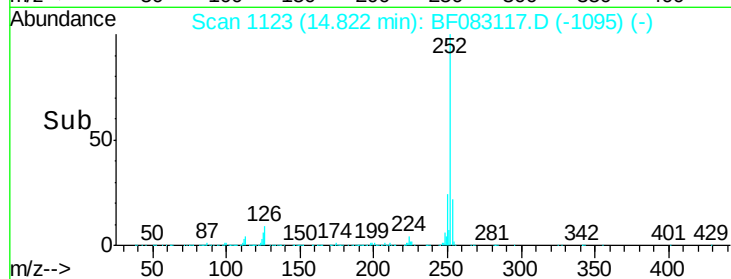
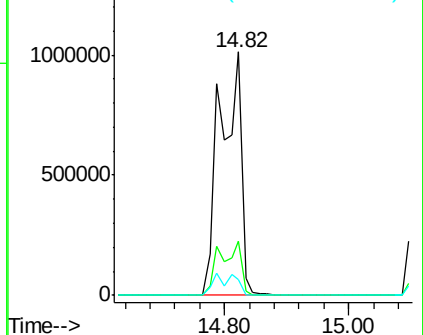
125 6.5 7.7 11.5#



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: 92.32 ng

RT: 14.82 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

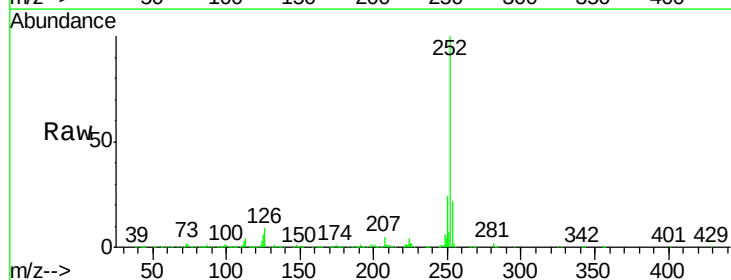
Tgt Ion:252 Resp: 2400880

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

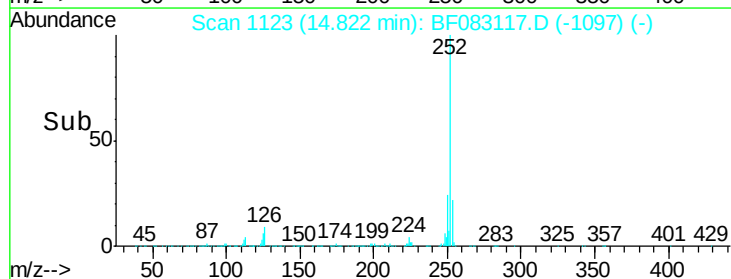
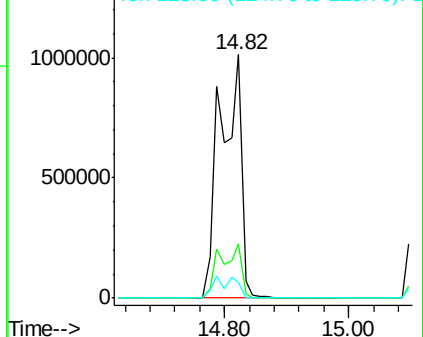
125 6.5 3.8 5.6#

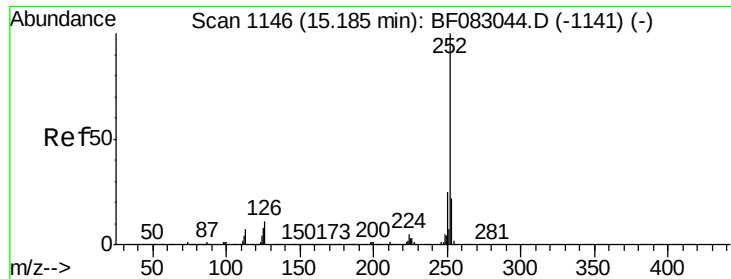


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.17 ng

RT: 15.11 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112115

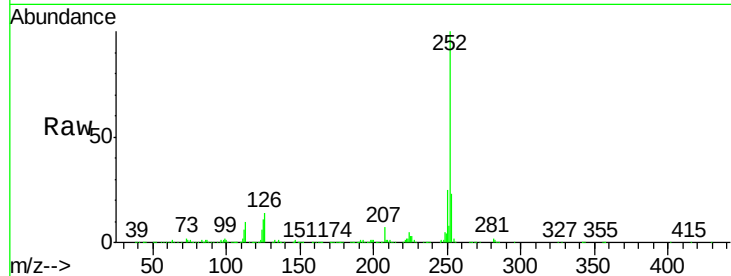
Tgt Ion:252 Resp: 1083900

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

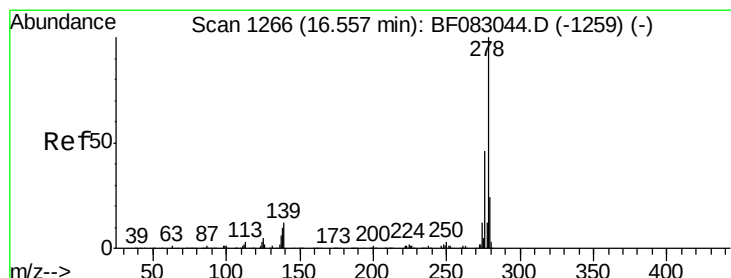
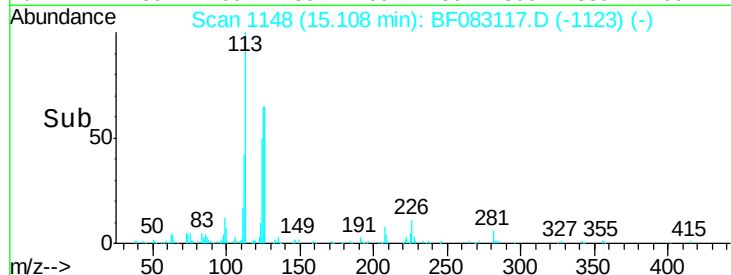
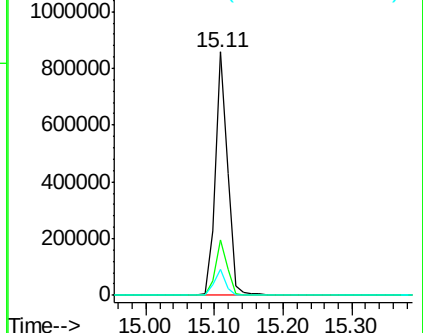
125 10.9 6.4 9.6#



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: 39.20 ng

RT: 16.45 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF083117.D

Acq: 21 Nov 2015 18:05

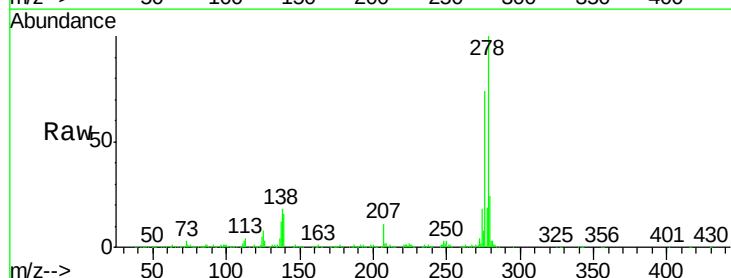
Tgt Ion:278 Resp: 1010418

Ion Ratio Lower Upper

278 100

139 16.0 9.8 14.8#

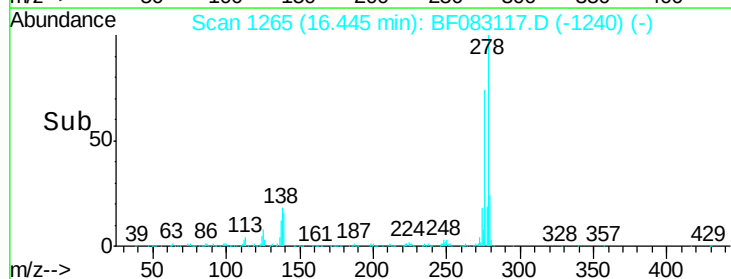
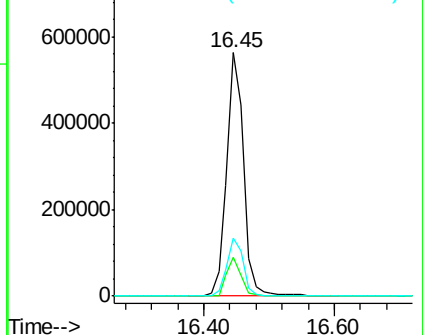
279 23.8 19.6 29.4

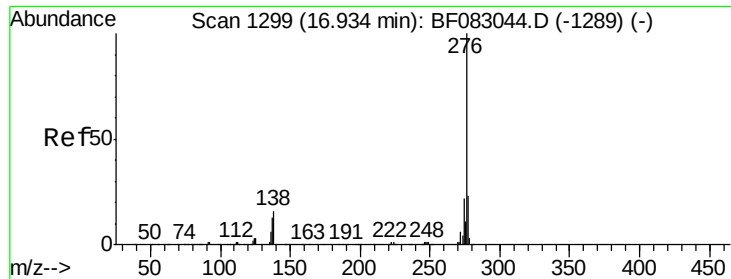


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.00 ng
 RT: 16.81 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF083117.D
 Acq: 21 Nov 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112115

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	27.8
138	20.4	12.5	18.7

