

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120415\
 Data File : BF083503.D
 Acq On : 5 Dec 2015 1:54
 Operator : UM/IZ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Dec 05 03:35:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 03:24:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	131597	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	511188	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	247430	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	462509	20.00	ng	0.00
75) Chrysene-d12	17.05	240	352767	20.00	ng	0.00
86) Perylene-d12	18.67	264	295377	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.03	112	1060612	120.86	ng	0.00
7) Phenol-d6	5.33	99	1409139	117.38	ng	0.01
23) Nitrobenzene-d5	6.60	82	1325837	114.27	ng	0.00
41) 2,4,6-Tribromophenol	11.76	330	270226	109.41	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	2010314	114.21	ng	0.00
78) Terphenyl-d14	15.49	244	1828741	120.73	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.86	88	255293	53.96	ng	97
3) Pyridine	2.30	79	682534	56.89	ng	99
4) n-Nitrosodimethylamine	2.27	42	327536	56.67	ng	98
6) Aniline	5.32	93	909910	55.38	ng	98
8) 2-Chlorophenol	5.48	128	566612	58.72	ng	96
9) Benzaldehyde	5.16	77	387900	62.45	ng	100
10) Phenol	5.34	94	833106	58.00	ng	81
11) bis(2-Chloroethyl)ether	5.44	93	580142	55.03	ng	96
12) 1,3-Dichlorobenzene	5.69	146	633668	58.87	ng	98
13) 1,4-Dichlorobenzene	5.79	146	641182	57.93	ng	99
14) 1,2-Dichlorobenzene	6.01	146	578580	56.40	ng	98
15) Benzyl Alcohol	6.01	79	503048	54.94	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.20	45	1102238	59.50	ng	92
17) 2-Methylphenol	6.20	107	467067	57.91	ng	99
18) Hexachloroethane	6.50	117	226420	58.51	ng	98
19) n-Nitroso-di-n-propylamine	6.41	70	460236	54.38	ng	92
20) 3+4-Methylphenols	6.44	107	626523	57.49	ng	92
22) Acetophenone	6.38	105	875383	57.53	ng	# 96
24) Nitrobenzene	6.64	77	720690	58.09	ng	95
25) Isophorone	7.00	82	1249713	55.86	ng	97
26) 2-Nitrophenol	7.10	139	293048	57.67	ng	95
27) 2,4-Dimethylphenol	7.23	122	504102	59.55	ng	99
28) bis(2-Chloroethoxy)methane	7.36	93	685570	53.57	ng	99
29) 2,4-Dichlorophenol	7.50	162	454420	55.61	ng	98
30) 1,2,4-Trichlorobenzene	7.60	180	499370	56.29	ng	99
31) Naphthalene	7.71	128	1577731	56.59	ng	99
32) Benzoic acid	7.53	122	278063	48.55	ng	95
33) 4-Chloroaniline	7.84	127	637212	54.23	ng	93
34) Hexachlorobutadiene	7.93	225	292141	57.58	ng	97
35) Caprolactam	8.45	113	145163	56.85	ng	93
36) 4-Chloro-3-methylphenol	8.67	107	519857	56.95	ng	96
37) 2-Methylnaphthalene	8.81	142	974947	53.08	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	476902	60.03	ng	# 100
40) Hexachlorocyclopentadiene	9.07	237	176098	49.97	ng	99

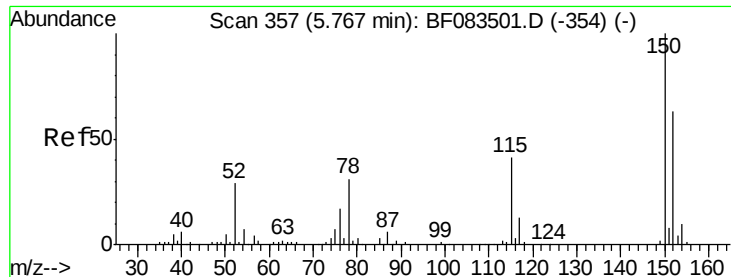
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120415\
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 Operator : UM/IZ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	311022	56.90	ng	97
43) 2,4,5-Trichlorophenol	9.37	196	318976	56.74	ng	97
45) 1,1'-Biphenyl	9.57	154	1259651	57.69	ng	99
46) 2-Chloronaphthalene	9.58	162	951073	57.13	ng	97
47) 2-Nitroaniline	9.79	65	363719	56.51	ng	# 82
48) Acenaphthylene	10.24	152	1561779	58.55	ng	100
49) Dimethylphthalate	10.12	163	1135049	55.91	ng	99
50) 2,6-Dinitrotoluene	10.20	165	250975	58.61	ng	91
51) Acenaphthene	10.52	154	902180	57.77	ng	97
52) 3-Nitroaniline	10.46	138	270411	55.15	ng	86
53) 2,4-Dinitrophenol	10.65	184	118384	54.20	ng	93
54) Dibenzofuran	10.81	168	1252037	54.92	ng	98
55) 4-Nitrophenol	10.81	139	631408	208.23	ng	# 6
56) 2,4-Dinitrotoluene	10.85	165	332262	60.73	ng	# 85
57) Fluorene	11.36	166	1071257	58.78	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.04	232	236834	52.49	ng	# 100
59) Diethylphthalate	11.26	149	1104022	57.41	ng	97
60) 4-Chlorophenyl-phenylether	11.39	204	521944	62.37	ng	91
61) 4-Nitroaniline	11.46	138	255522	52.51	ng	89
62) Azobenzene	11.64	77	1254730	55.47	ng	98
64) 4,6-Dinitro-2-methylphenol	11.52	198	185480	60.70	ng	84
65) n-Nitrosodiphenylamine	11.60	169	882798	54.74	ng	99
66) 4-Bromophenyl-phenylether	12.17	248	297169	58.58	ng	93
67) Hexachlorobenzene	12.25	284	318538	57.14	ng	# 87
68) Atrazine	12.51	200	274714	59.84	ng	99
69) Pentachlorophenol	12.59	266	142488	50.46	ng	98
70) Phenanthrene	12.90	178	1507378	54.99	ng	98
71) Anthracene	12.98	178	1569444	56.67	ng	99
72) Carbazole	13.28	167	1359013	54.91	ng	98
73) Di-n-butylphthalate	13.92	149	1702815	57.70	ng	99
74) Fluoranthene	14.82	202	1499319	52.89	ng	98
76) Benzidine	15.08	184	760104	69.59	ng	97
77) Pyrene	15.17	202	1541250	61.37	ng	100
79) Butylbenzylphthalate	16.32	149	637451	59.93	ng	94
80) Benzo(a)anthracene	17.04	228	1154685	53.42	ng	99
81) 3,3'-Dichlorobenzidine	17.03	252	378031	55.68	ng	97
82) Chrysene	17.08	228	1156935	54.96	ng	99
83) Bis(2-ethylhexyl)phthalate	17.16	149	826912	58.22	ng	100
84) Di-n-octyl phthalate	17.92	149	1218416	58.68	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.93	276	1108597	70.67	ng	# 100
87) Benzo(b)fluoranthene	18.29	252	1880196	100.28	ng	98
88) Benzo(k)fluoranthene	18.29	252	1880585	104.97	ng	96
89) Benzo(a)pyrene	18.63	252	896570	54.81	ng	# 95
90) Dibenzo(a,h)anthracene	19.93	278	936027	64.21	ng	98
91) Benzo(g,h,i)perylene	20.28	276	956423	66.37	ng	95

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

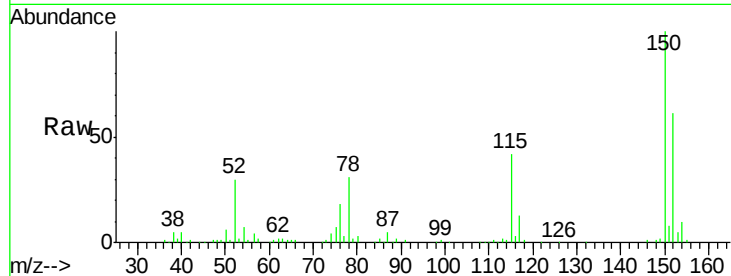


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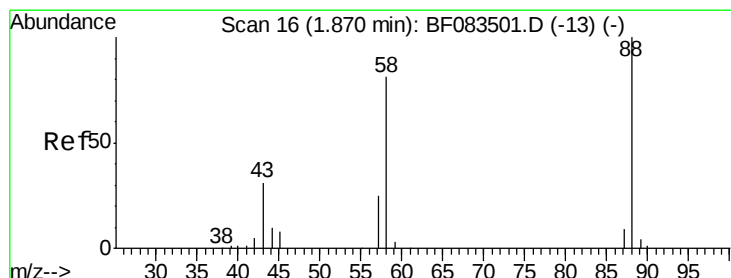
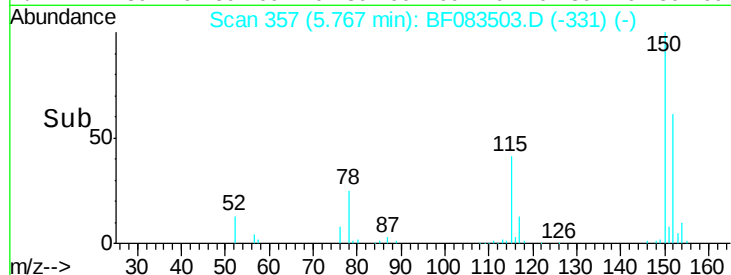
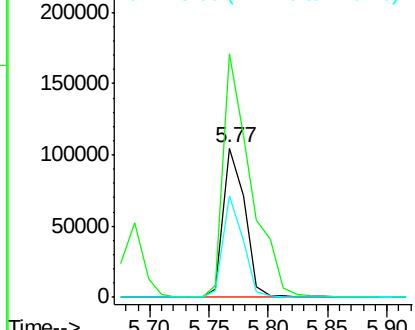
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 357
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion: 152 Resp: 131597
Ion Ratio Lower Upper
152 100
150 163.4 126.5 189.7
115 68.1 52.3 78.5



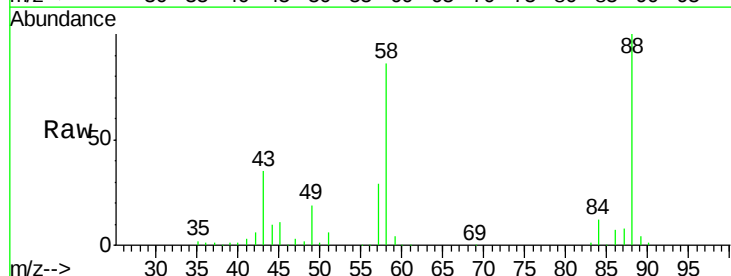
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



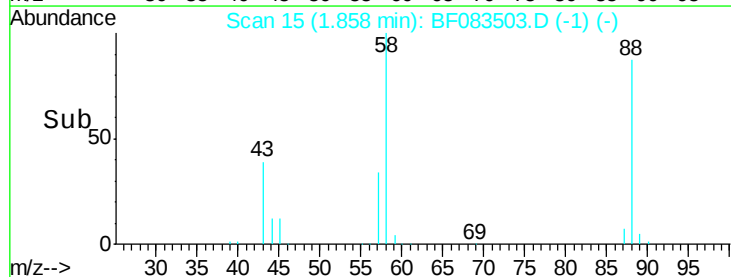
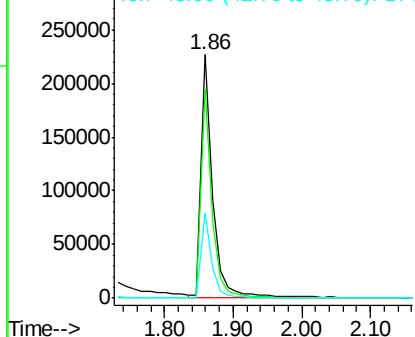
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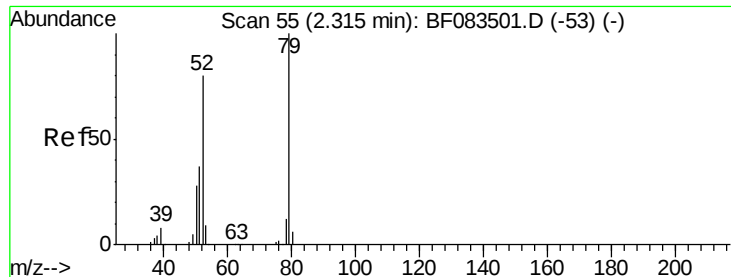
1,4-Dioxane
Concen: 53.96 ng
RT: 1.86 min Scan# 15
Delta R.T. -0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion: 88 Resp: 255293
Ion Ratio Lower Upper
88 100
58 81.4 68.0 102.0
43 33.9 27.9 41.9



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: 56.89 ng

RT: 2.30 min Scan# 54

Delta R.T. -0.01 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

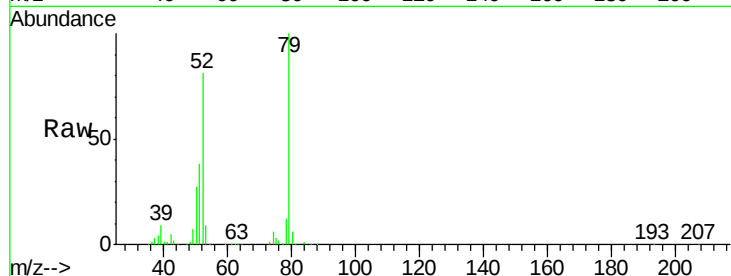
Tgt Ion: 79 Resp: 682534

Ion Ratio Lower Upper

79 100

52 80.7 63.7 95.5

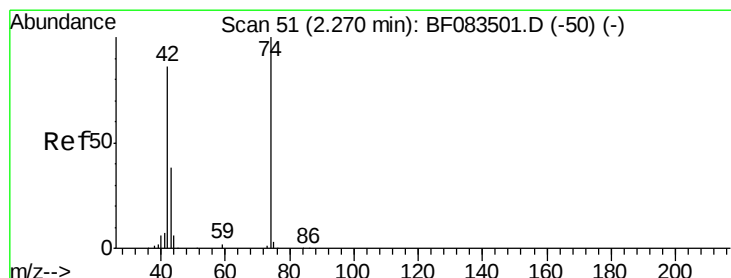
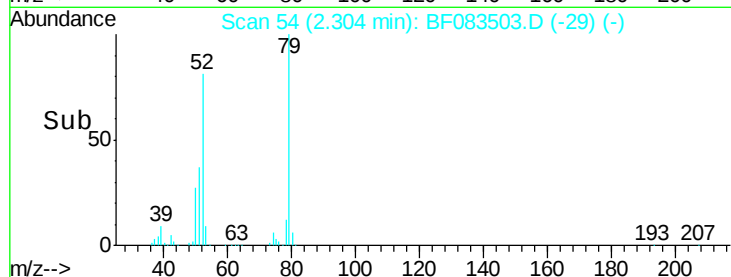
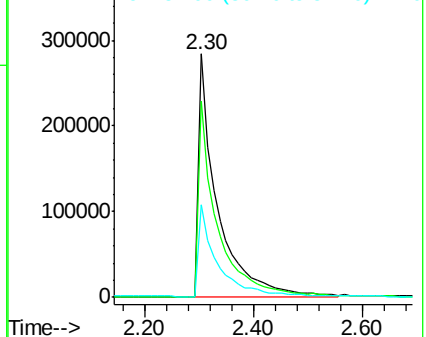
51 38.0 30.6 45.8



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: 56.67 ng

RT: 2.27 min Scan# 51

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

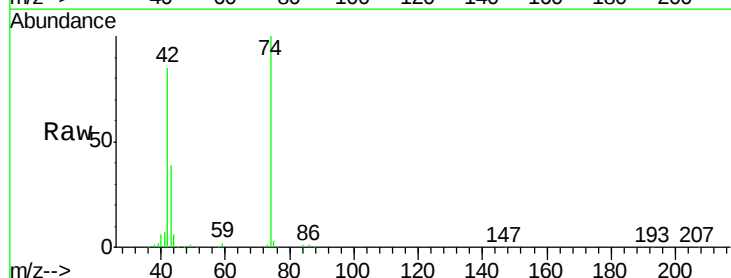
Tgt Ion: 42 Resp: 327536

Ion Ratio Lower Upper

42 100

74 118.0 92.9 139.3

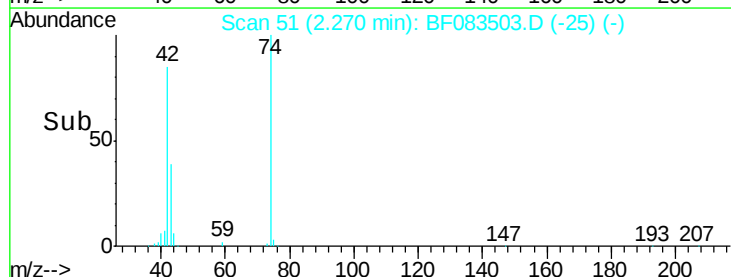
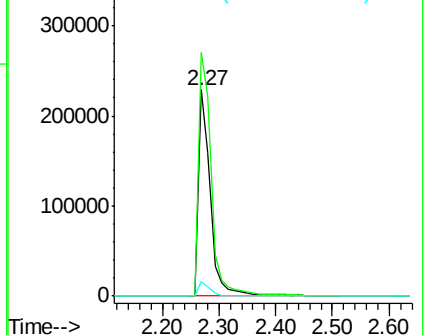
44 6.9 5.7 8.5

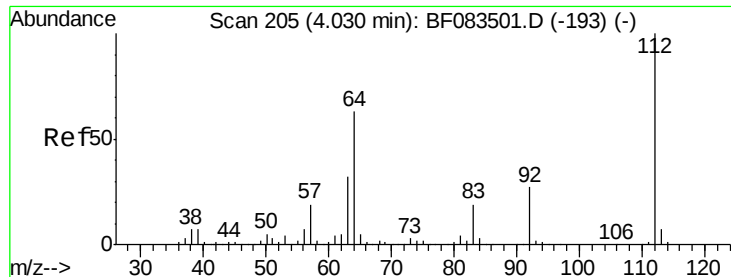


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 120.86 ng

RT: 4.03 min Scan# 205

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

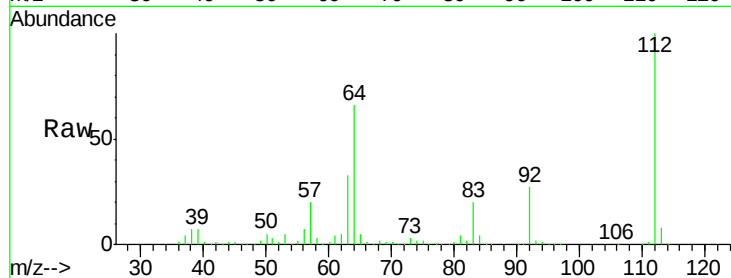
Tgt Ion: 112 Resp: 1060612

Ion Ratio Lower Upper

112 100

64 65.9 50.5 75.7

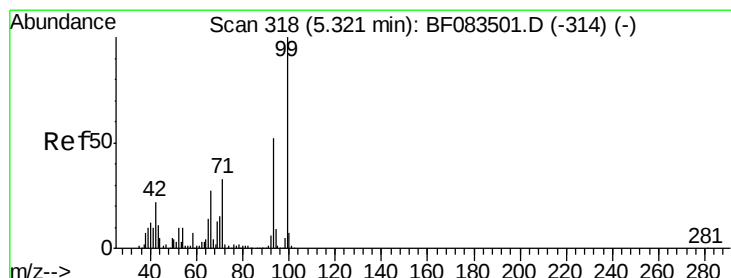
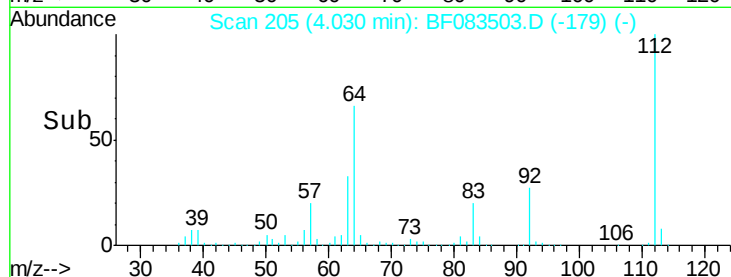
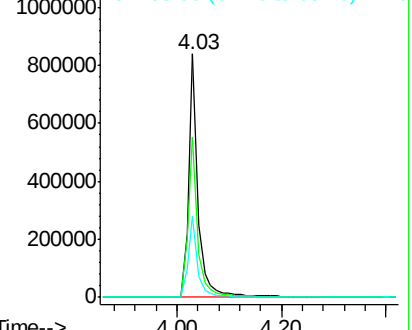
63 33.3 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 55.38 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

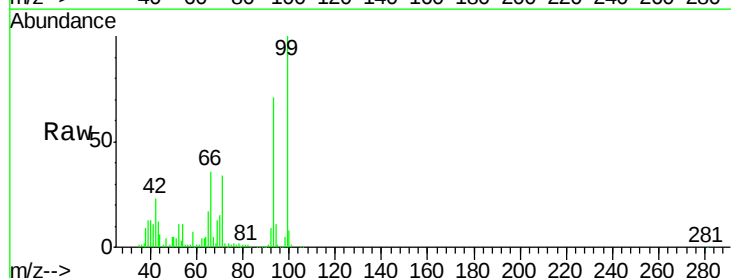
Tgt Ion: 93 Resp: 909910

Ion Ratio Lower Upper

93 100

66 51.1 41.3 61.9

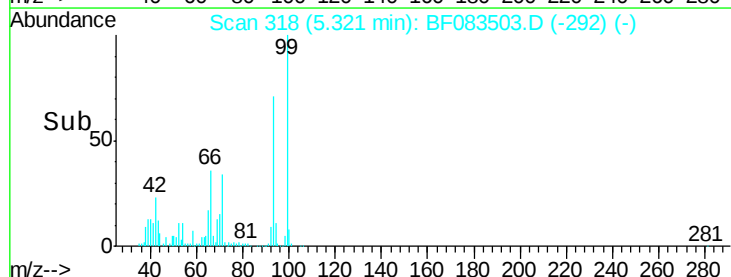
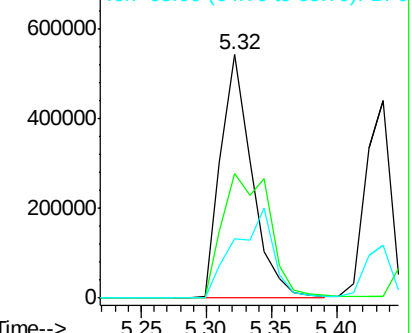
65 24.2 20.8 31.2

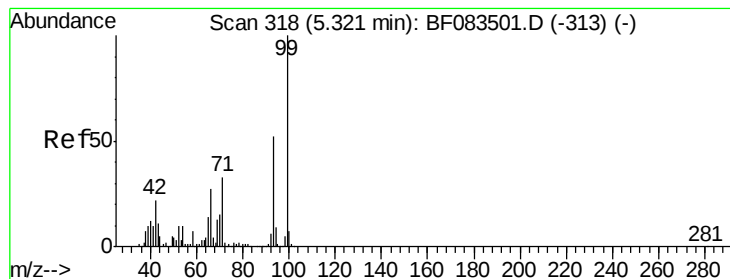


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.38 ng

RT: 5.33 min Scan# 319

Delta R.T. 0.01 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

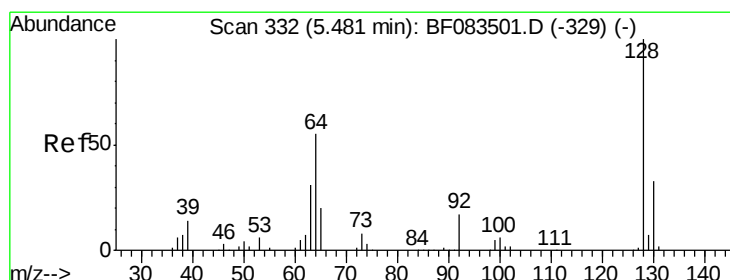
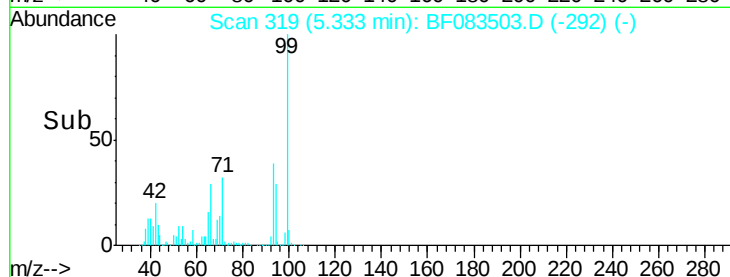
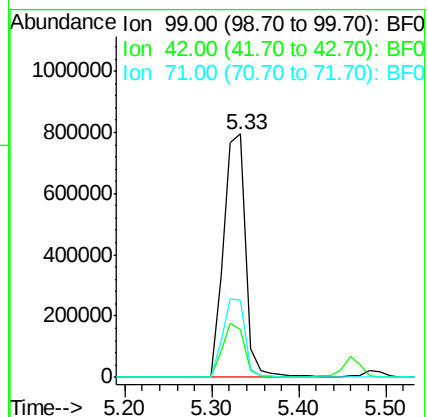
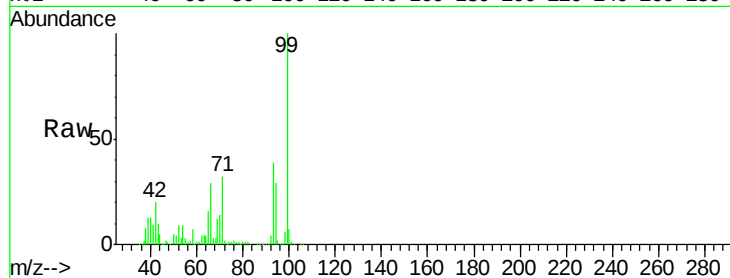
Tgt Ion: 99 Resp: 1409139

Ion Ratio Lower Upper

99 100

42 19.6 17.3 25.9

71 31.7 26.6 40.0



#8

2-Chlorophenol

Concen: 58.72 ng

RT: 5.48 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

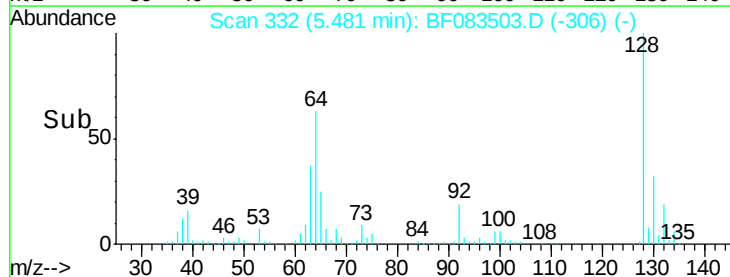
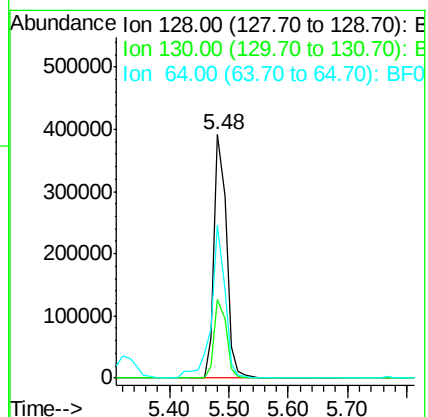
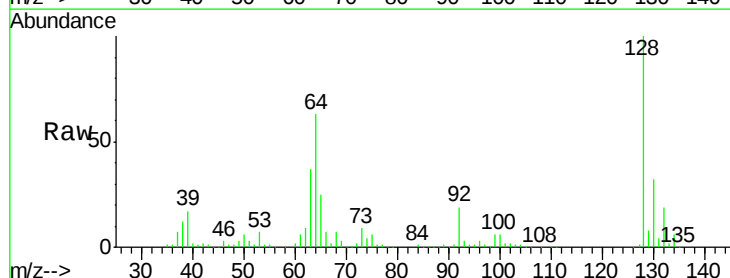
Tgt Ion: 128 Resp: 566612

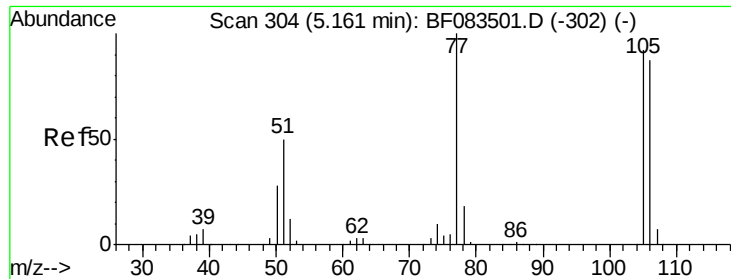
Ion Ratio Lower Upper

128 100

130 32.1 12.6 52.6

64 62.9 38.6 78.6

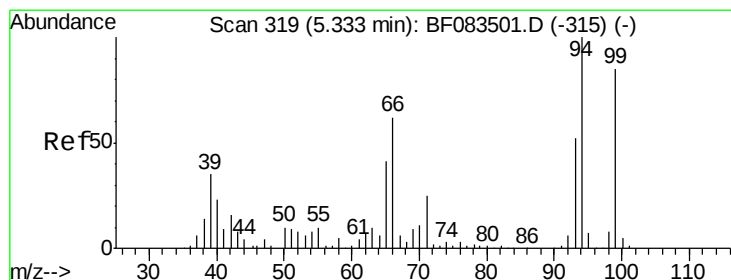
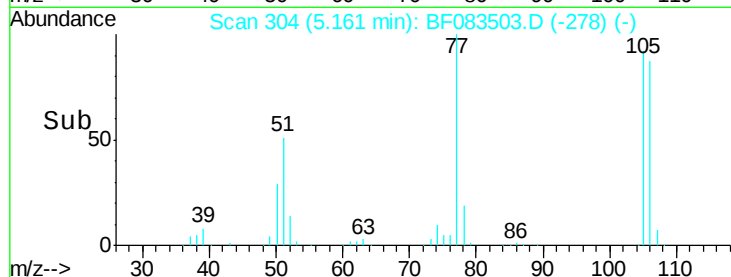
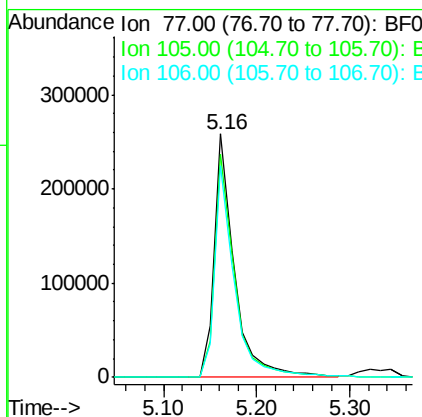
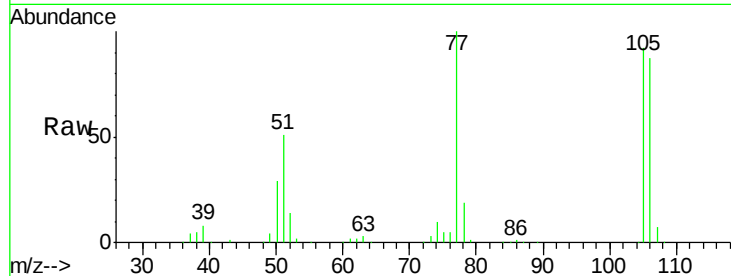




#9
Benzaldehyde
Concen: 62.45 ng
RT: 5.16 min Scan# 304
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

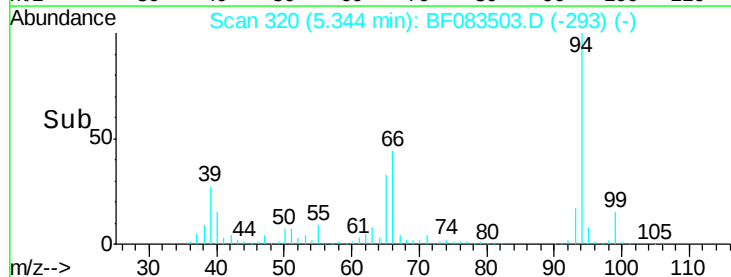
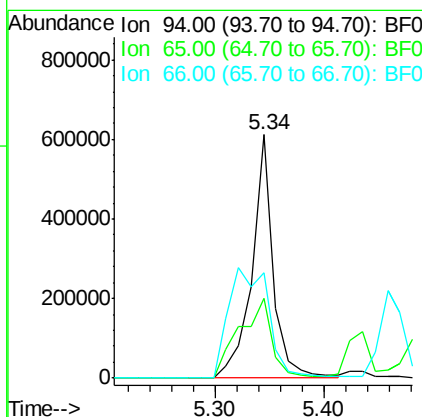
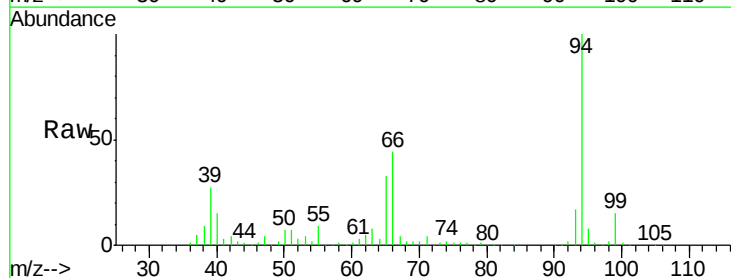
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

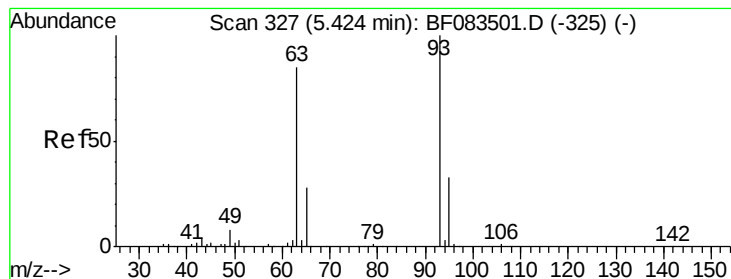
Tgt Ion: 77 Resp: 387900
Ion Ratio Lower Upper
77 100
105 91.7 71.8 111.8
106 87.1 66.8 106.8



#10
Phenol
Concen: 58.00 ng
RT: 5.34 min Scan# 320
Delta R.T. 0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion: 94 Resp: 833106
Ion Ratio Lower Upper
94 100
65 32.9 20.9 60.9
66 43.5 41.6 81.6





#11

bis(2-Chloroethyl)ether

Concen: 55.03 ng

RT: 5.44 min Scan# 328

Delta R.T. 0.01 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

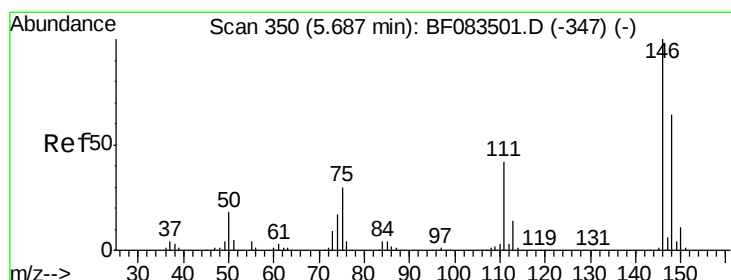
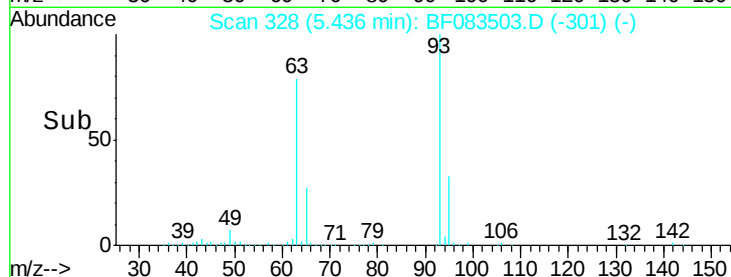
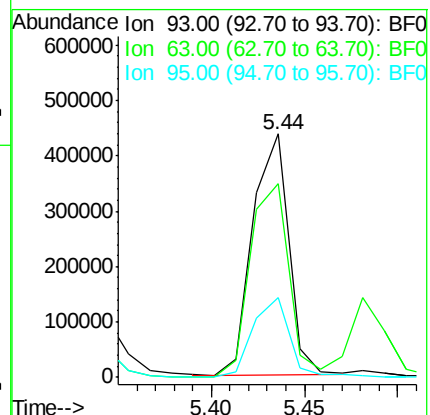
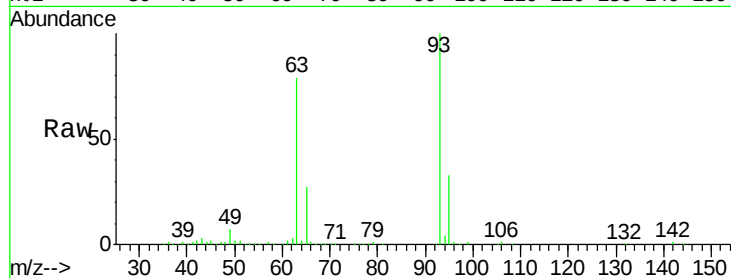
Tgt Ion: 93 Resp: 580142

Ion Ratio Lower Upper

93 100

63 79.3 64.7 104.7

95 32.7 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 58.87 ng

RT: 5.69 min Scan# 350

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

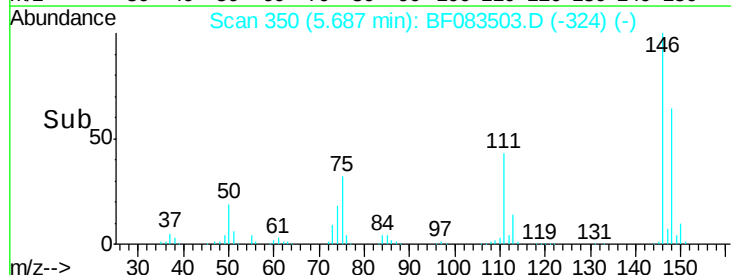
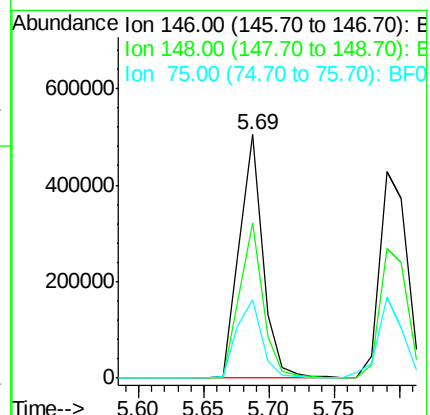
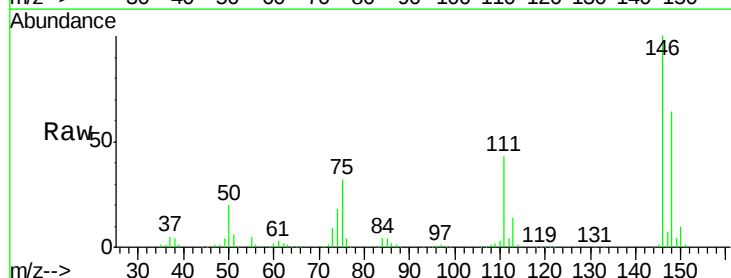
Tgt Ion: 146 Resp: 633668

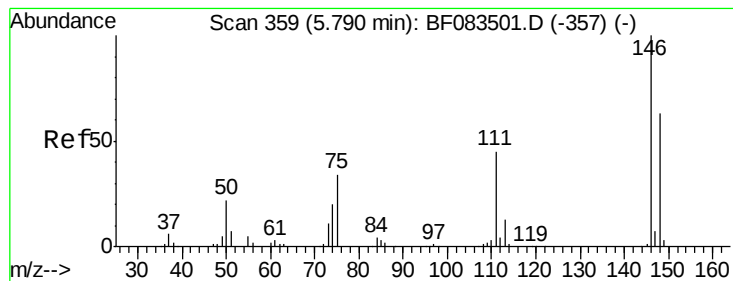
Ion Ratio Lower Upper

146 100

148 63.7 51.3 76.9

75 32.1 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 57.93 ng

RT: 5.79 min Scan# 359

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

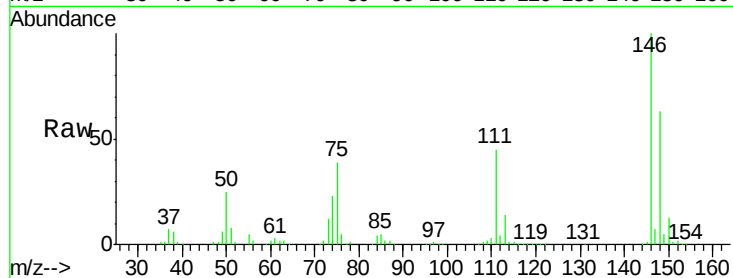
Tgt Ion:146 Resp: 641182

Ion Ratio Lower Upper

146 100

148 62.8 50.6 76.0

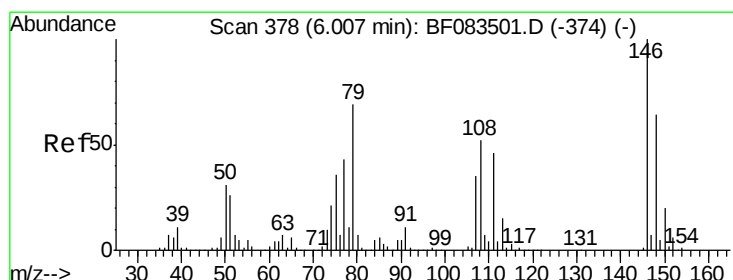
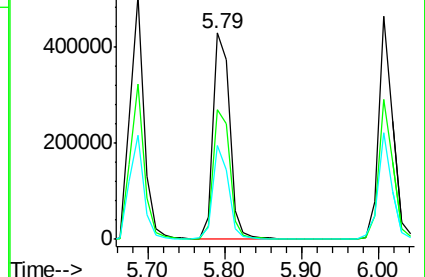
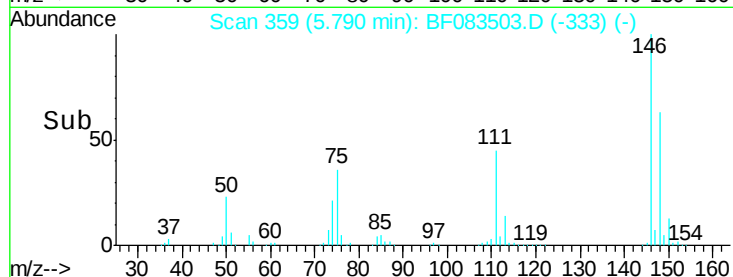
111 45.3 36.1 54.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 56.40 ng

RT: 6.01 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

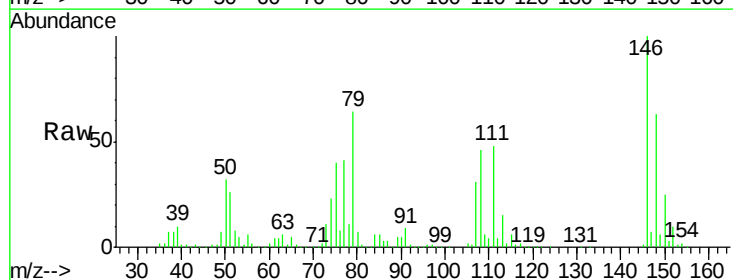
Tgt Ion:146 Resp: 578580

Ion Ratio Lower Upper

146 100

148 62.7 51.4 77.0

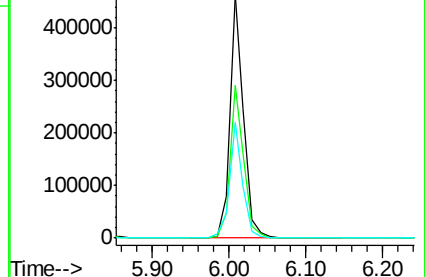
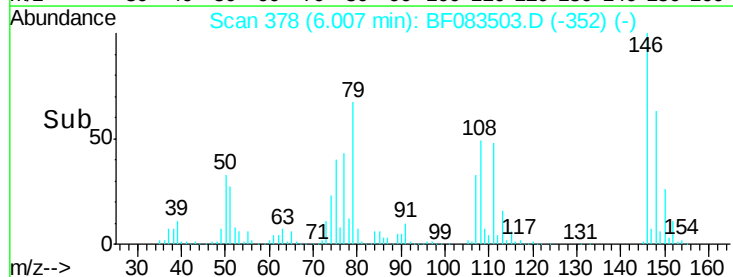
111 47.7 36.7 55.1

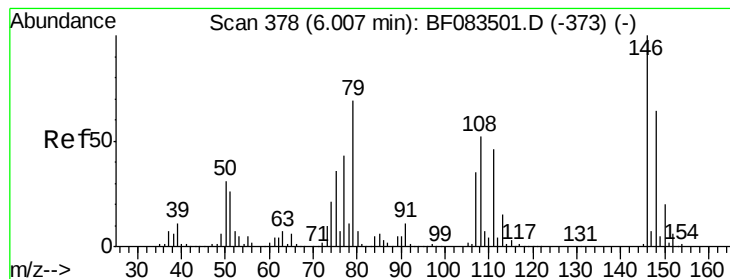


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 54.94 ng

RT: 6.01 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

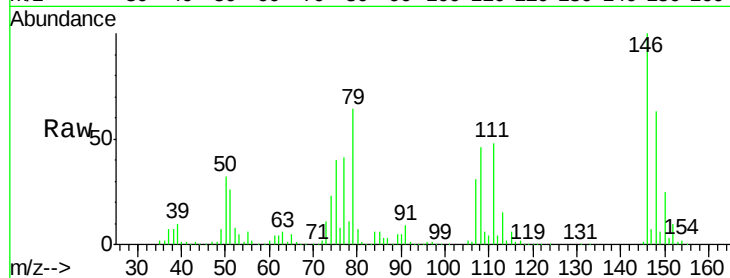
Tgt Ion: 79 Resp: 503048

Ion Ratio Lower Upper

79 100

108 72.7 59.6 89.4

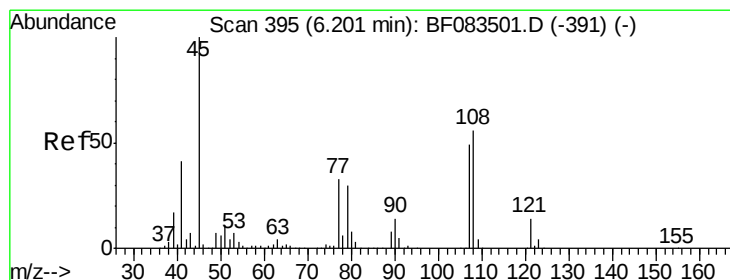
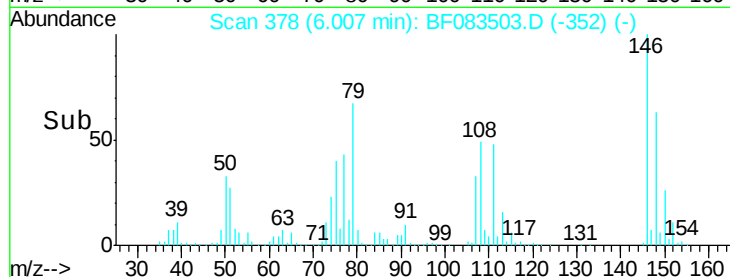
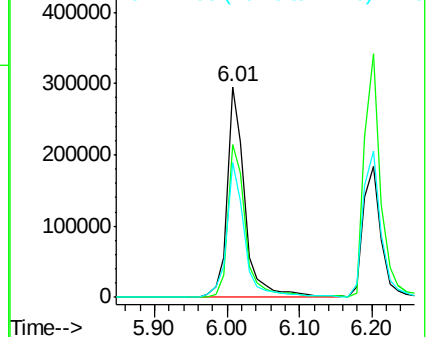
77 64.0 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 59.50 ng

RT: 6.20 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

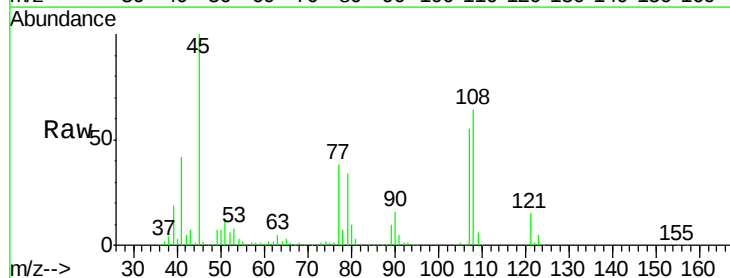
Tgt Ion: 45 Resp: 1102238

Ion Ratio Lower Upper

45 100

77 38.4 12.8 52.8

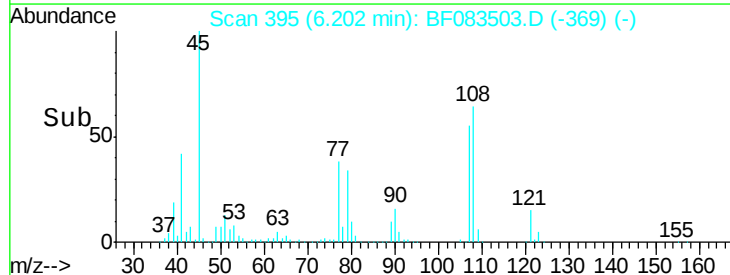
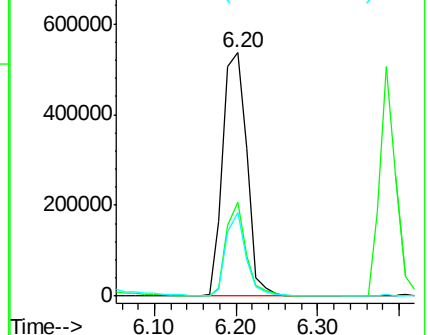
79 34.4 10.7 50.7

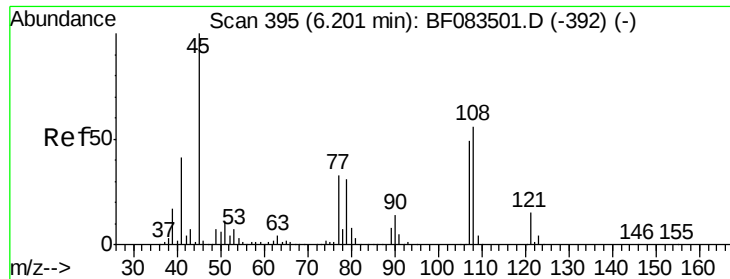


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

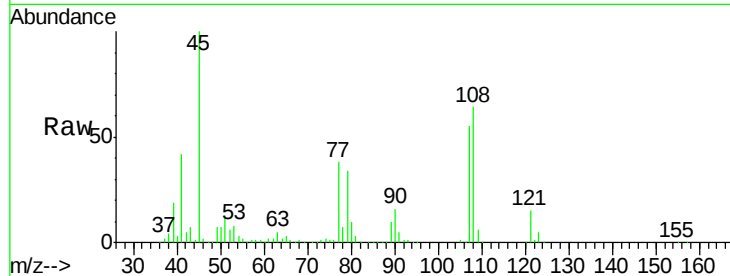




#17
2-Methylphenol
Concen: 57.91 ng
RT: 6.20 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.2	91.6	137.4
77	69.4	53.7	80.5
79	62.2	50.2	75.4



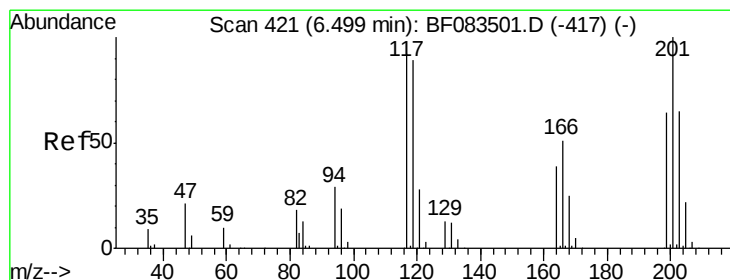
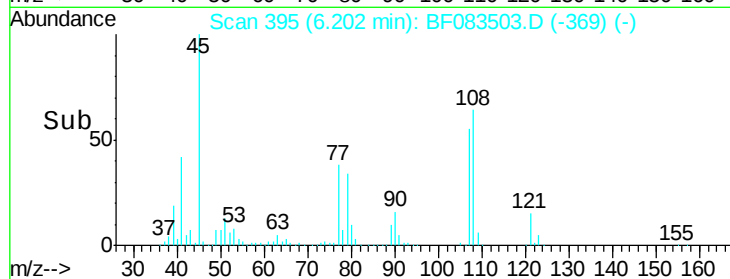
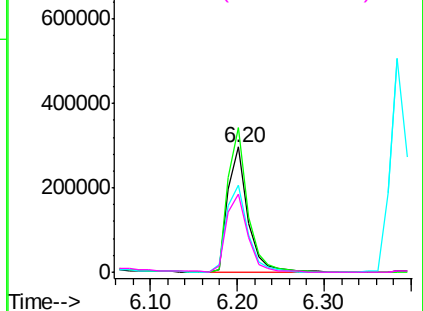
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

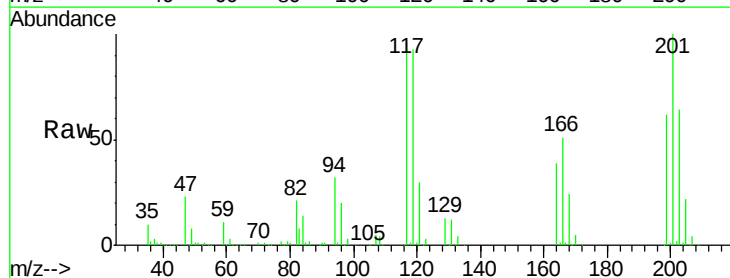
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 58.51 ng
RT: 6.50 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.2	115.8
201	103.8	86.8	130.2

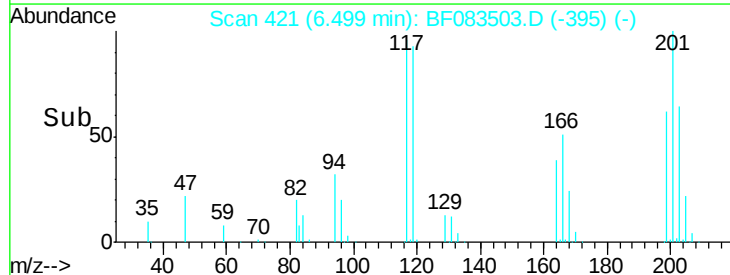
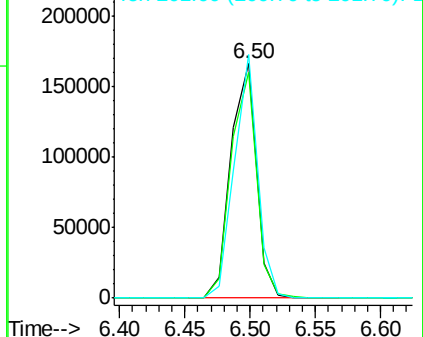


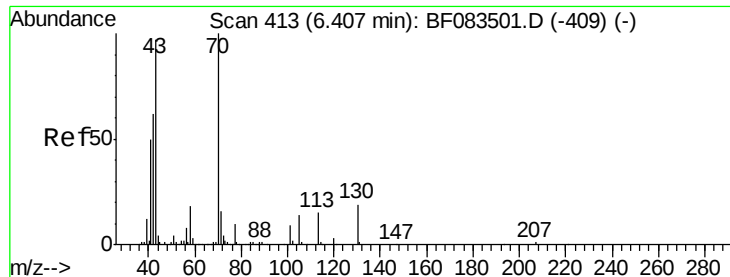
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

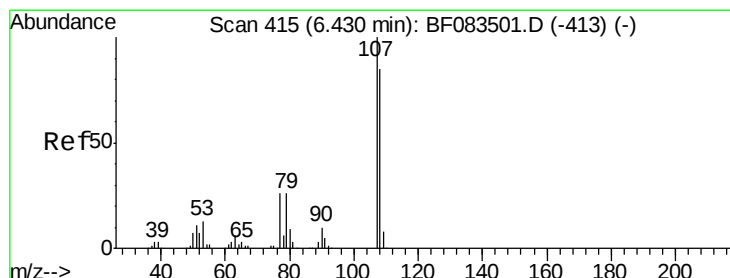
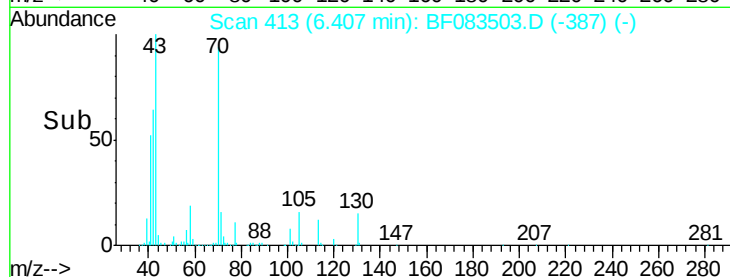
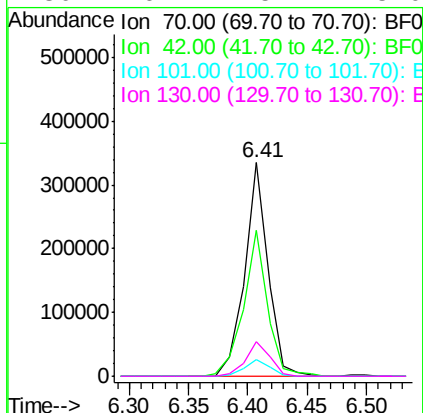
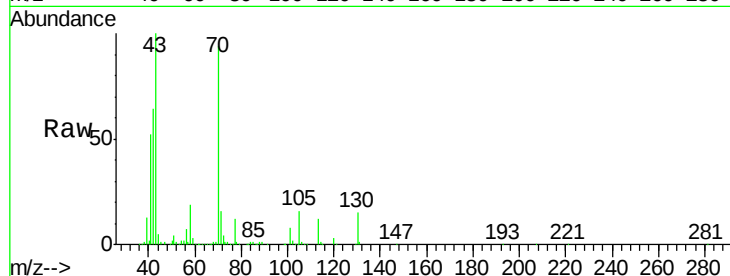




#19
n-Nitroso-di-n-propylamine
Concen: 54.38 ng
RT: 6.41 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

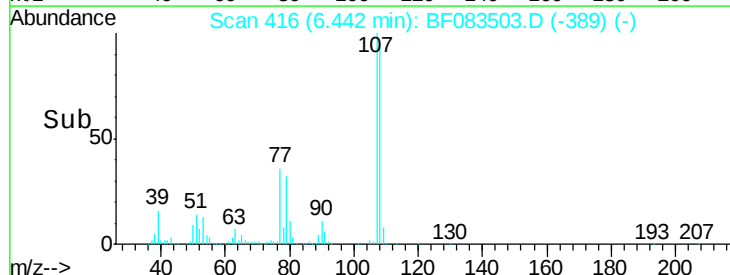
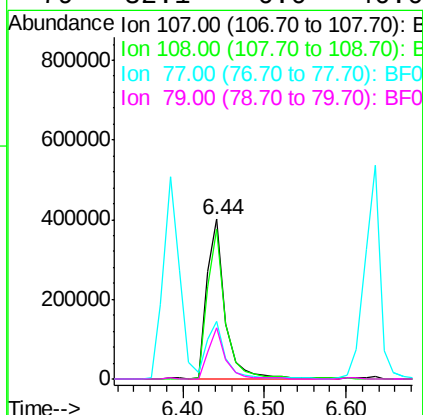
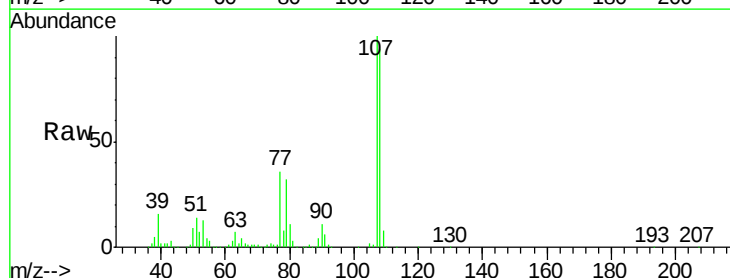
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

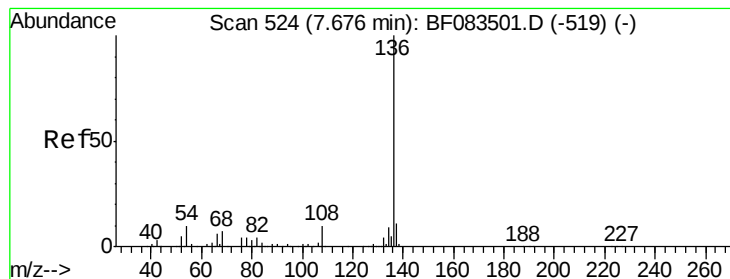
Tgt Ion:	70	Resp:	460236
Ion	Ratio	Lower	Upper
70	100		
42	68.3	49.2	73.8
101	8.1	7.1	10.7
130	16.1	15.4	23.0



#20
3+4-Methylphenols
Concen: 57.49 ng
RT: 6.44 min Scan# 416
Delta R.T. 0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion:	107	Resp:	626523
Ion	Ratio	Lower	Upper
107	100		
108	93.7	65.2	105.2
77	36.0	15.2	55.2
79	32.1	6.0	46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion:136 Resp: 511188

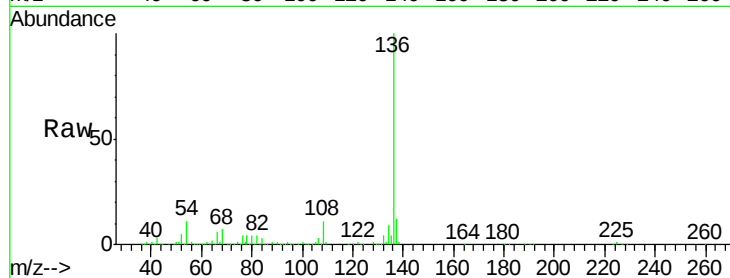
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 10.8 7.8 11.6

68 7.4 5.7 8.5

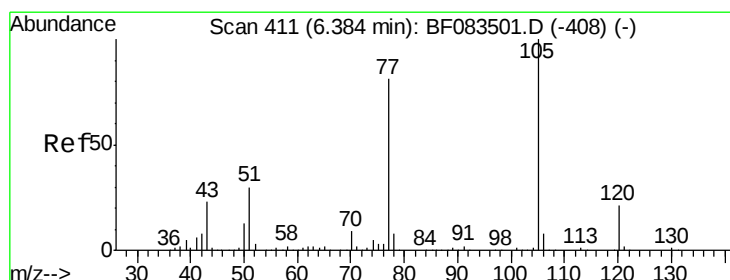
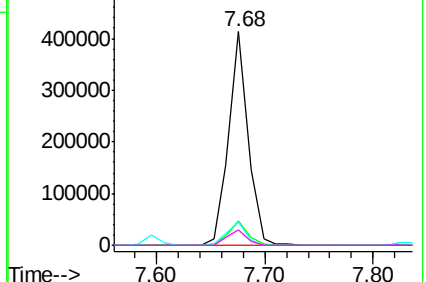
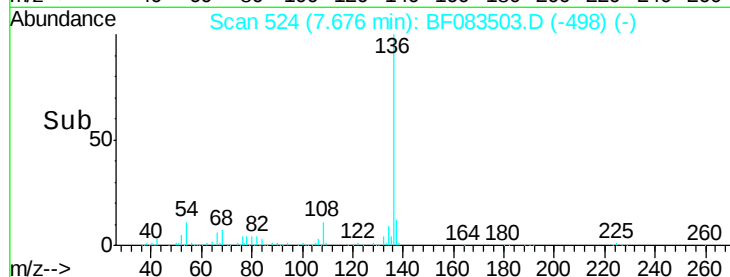


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.53 ng

RT: 6.38 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Tgt Ion:105 Resp: 875383

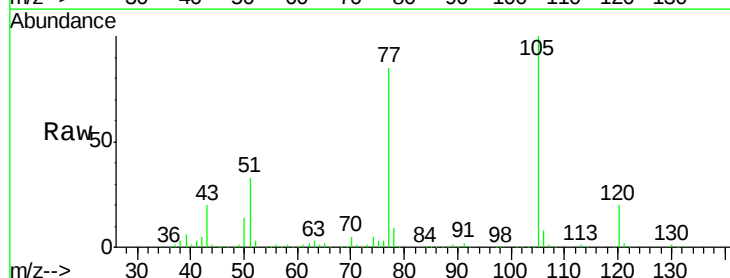
Ion Ratio Lower Upper

105 100

71 0.9 1.3 1.9#

51 33.0 23.8 35.8

120 20.1 16.7 25.1

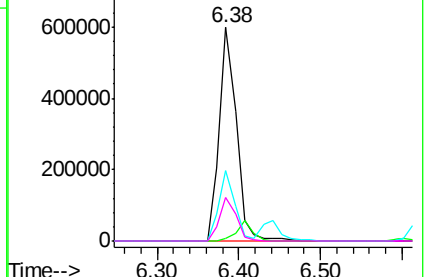
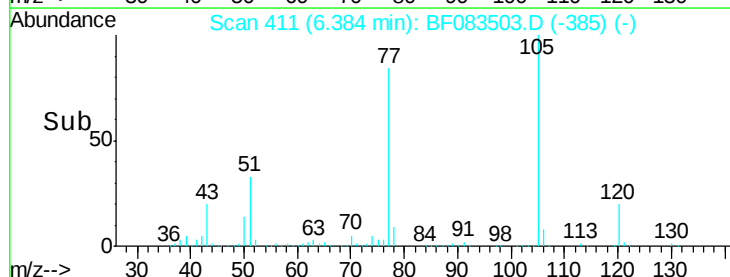


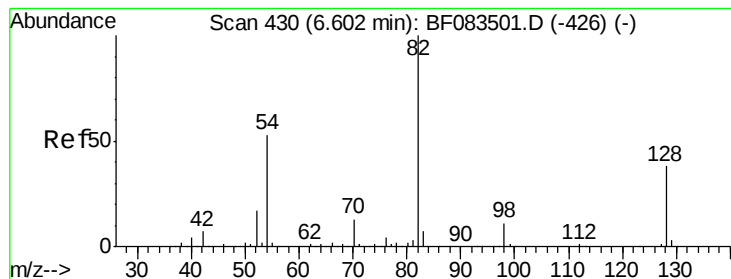
Abundance Ion 105.00 (104.70 to 105.70): E

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: 114.27 ng

RT: 6.60 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

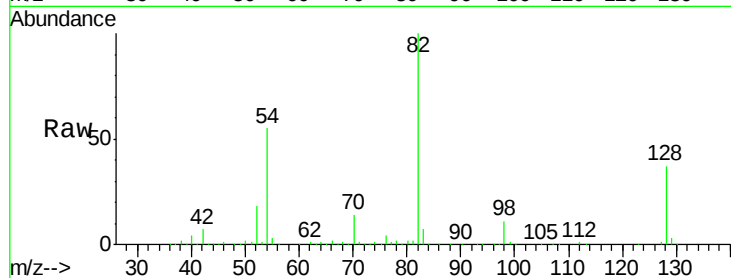
Tgt Ion: 82 Resp: 1325837

Ion Ratio Lower Upper

82 100

128 37.4 30.7 46.1

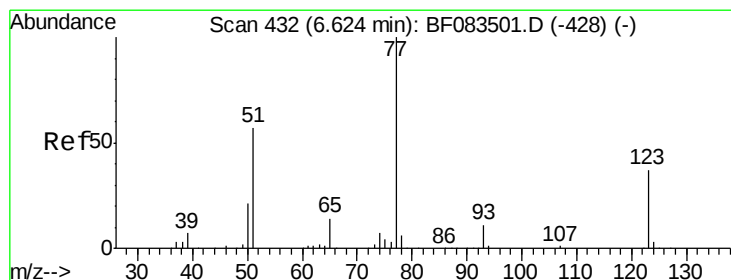
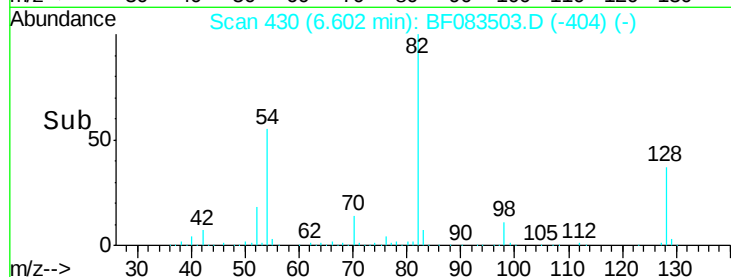
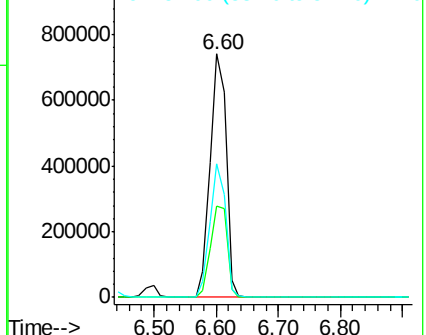
54 55.1 42.5 63.7



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: 58.09 ng

RT: 6.64 min Scan# 433

Delta R.T. 0.01 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

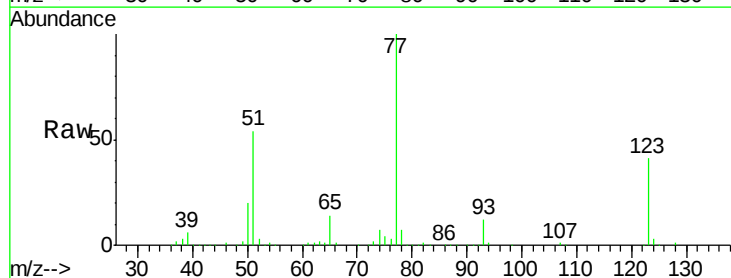
Tgt Ion: 77 Resp: 720690

Ion Ratio Lower Upper

77 100

123 41.5 29.8 44.6

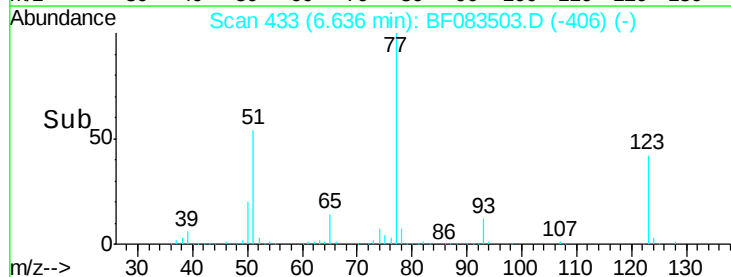
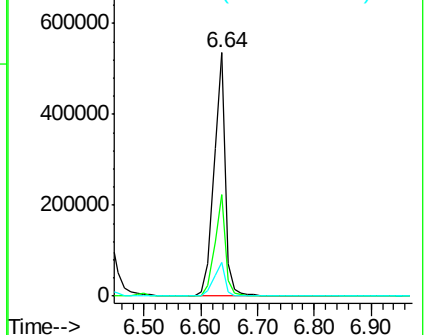
65 14.1 11.1 16.7

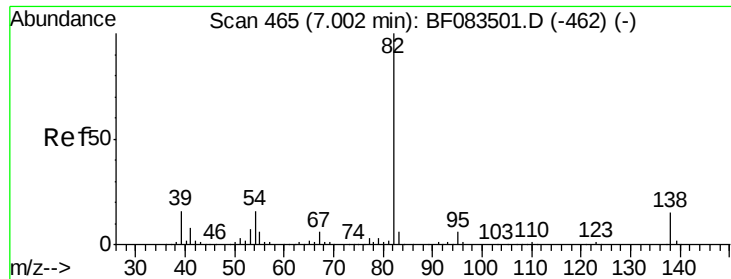


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 55.86 ng

RT: 7.00 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

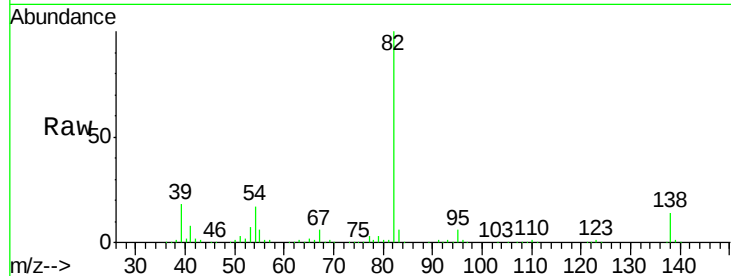
Tgt Ion: 82 Resp: 1249713

Ion Ratio Lower Upper

82 100

95 6.5 5.0 7.4

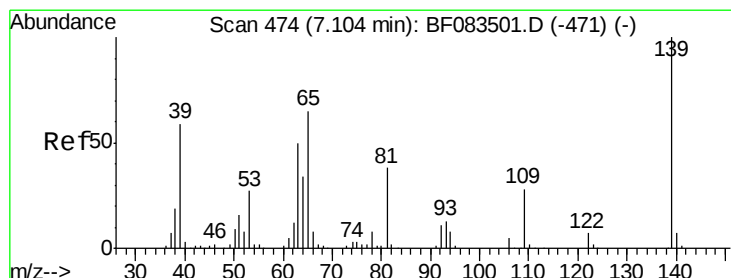
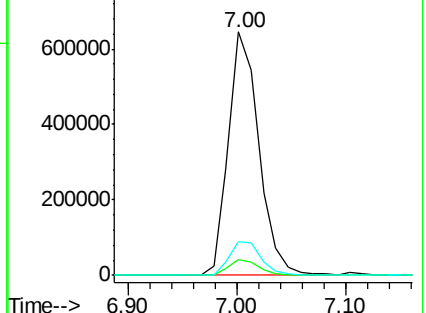
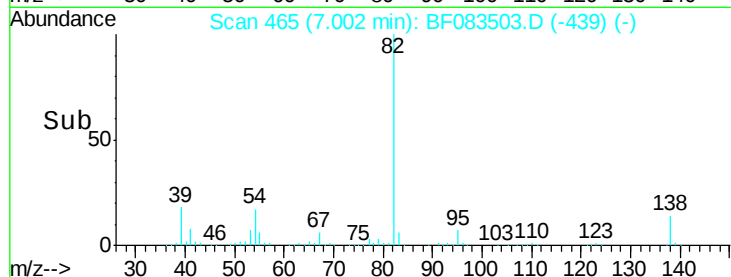
138 13.7 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 57.67 ng

RT: 7.10 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

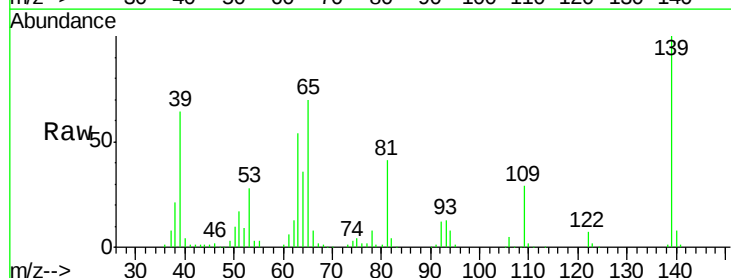
Tgt Ion: 139 Resp: 293048

Ion Ratio Lower Upper

139 100

109 29.0 22.7 34.1

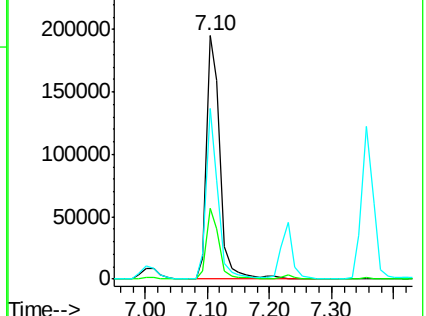
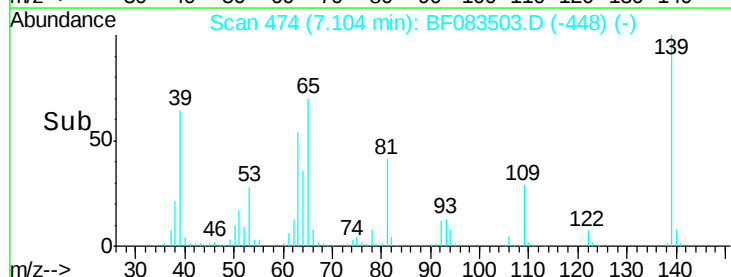
65 70.1 51.8 77.8

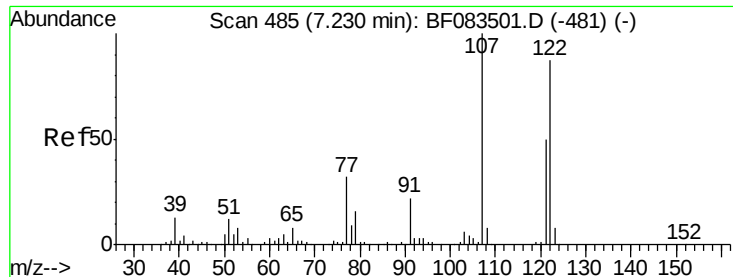


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 59.55 ng

RT: 7.23 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

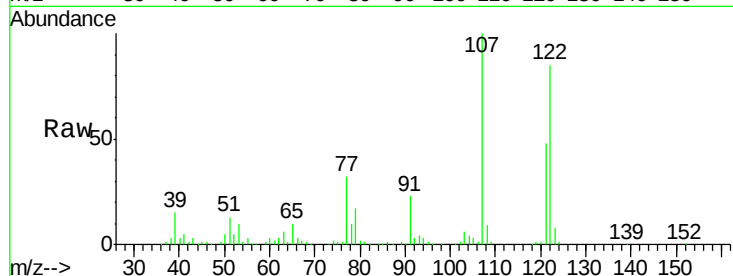
Tgt Ion:122 Resp: 504102

Ion Ratio Lower Upper

122 100

107 117.7 92.4 138.6

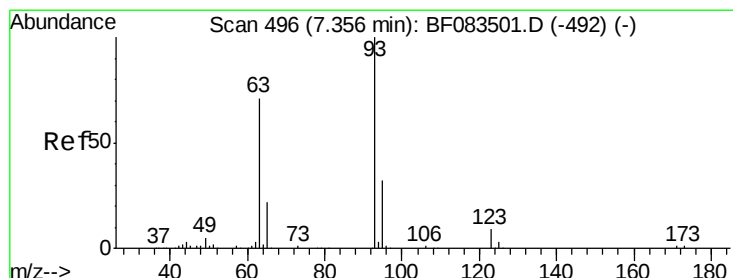
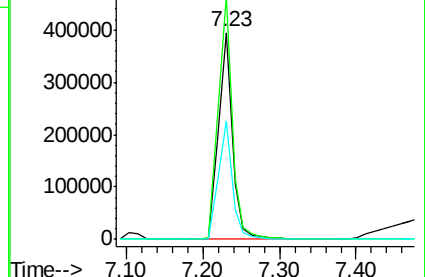
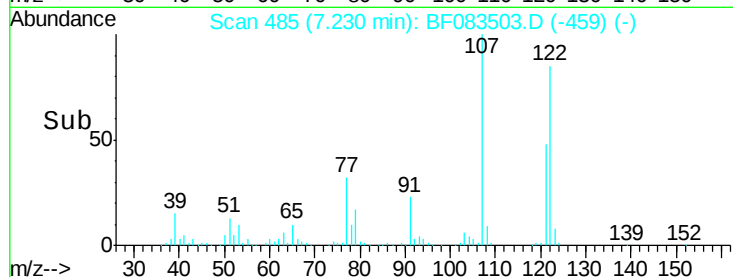
121 57.0 45.8 68.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 53.57 ng

RT: 7.36 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

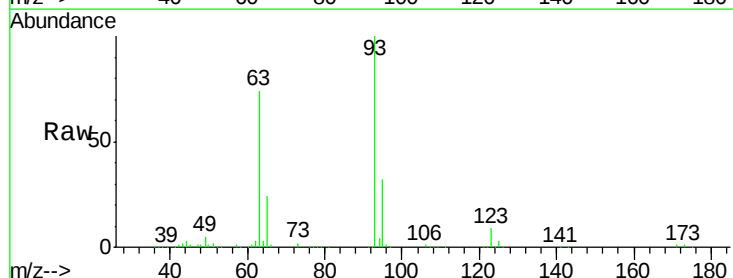
Tgt Ion: 93 Resp: 685570

Ion Ratio Lower Upper

93 100

95 32.4 25.6 38.4

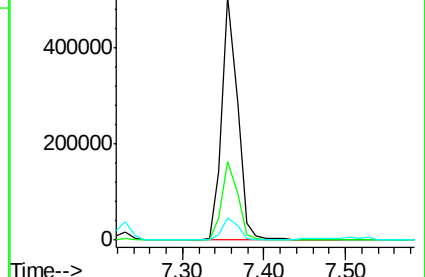
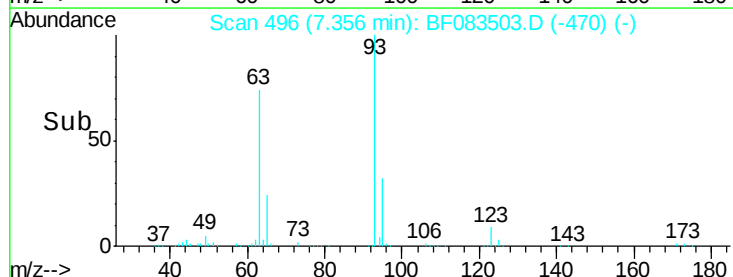
123 9.3 7.3 10.9

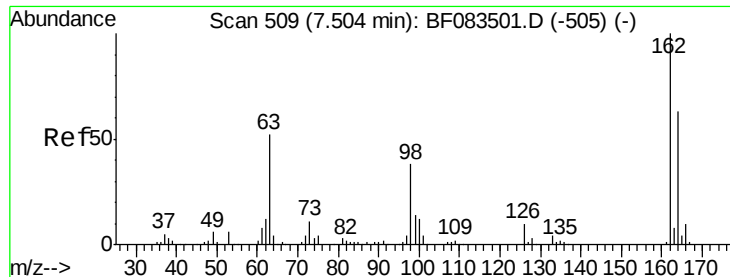


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

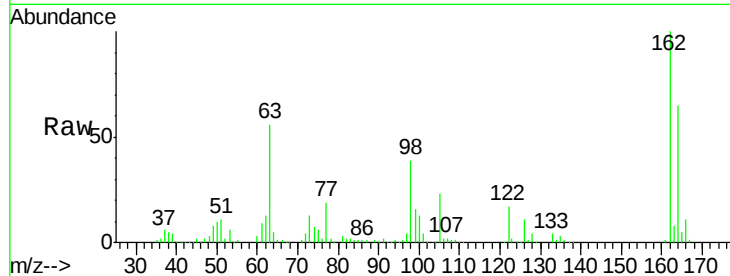




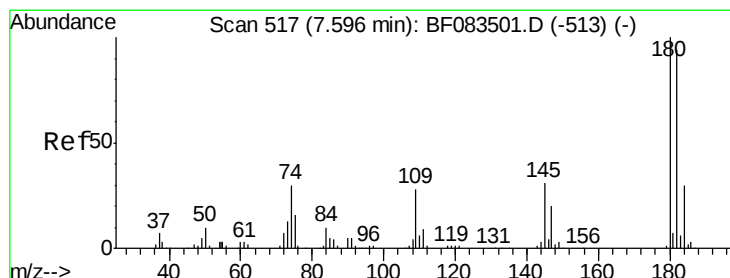
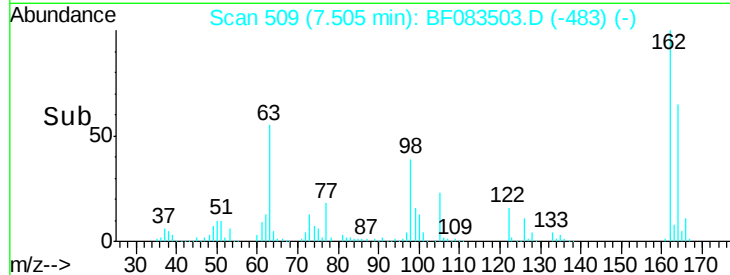
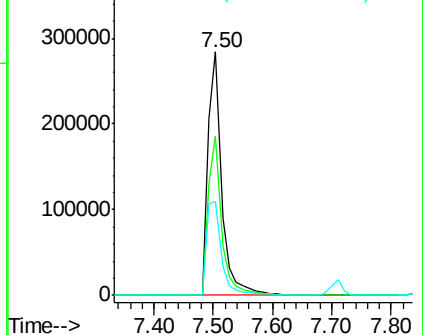
#29
 2,4-Dichlorophenol
 Concen: 55.61 ng
 RT: 7.50 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.2	43.4	83.4
98	38.5	17.5	57.5

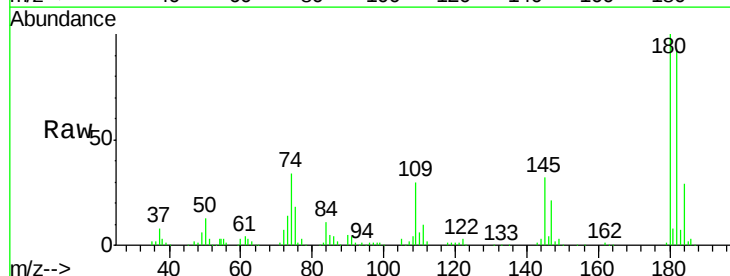


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

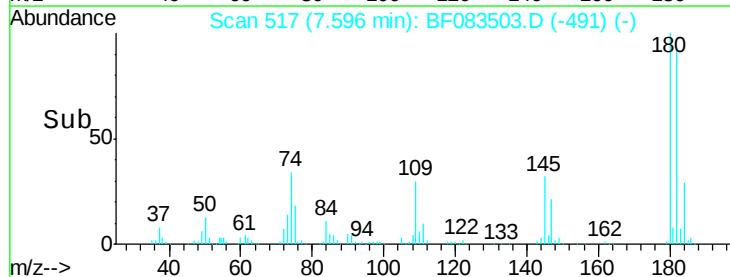
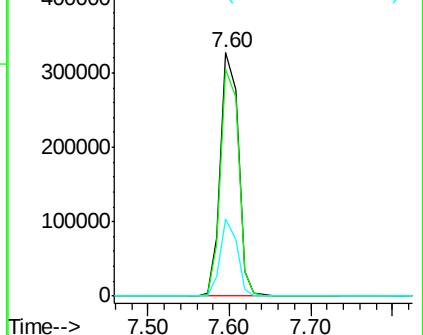


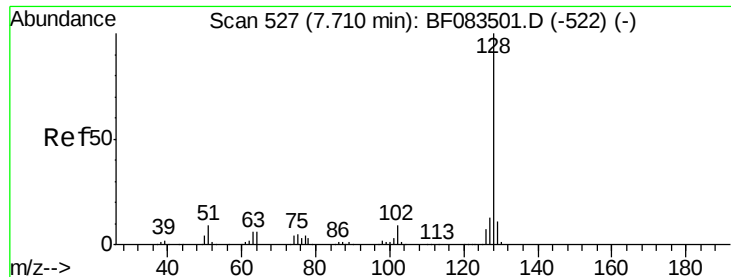
#30
 1,2,4-Trichlorobenzene
 Concen: 56.29 ng
 RT: 7.60 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	74.9	112.3
145	31.7	24.7	37.1



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

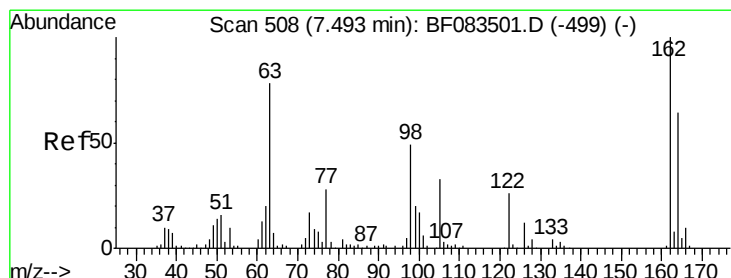
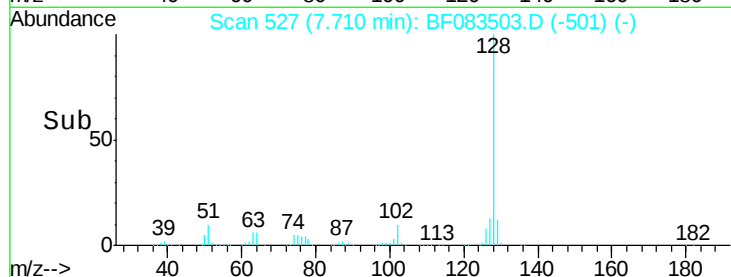
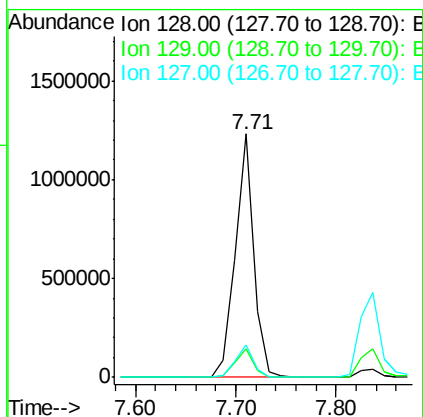
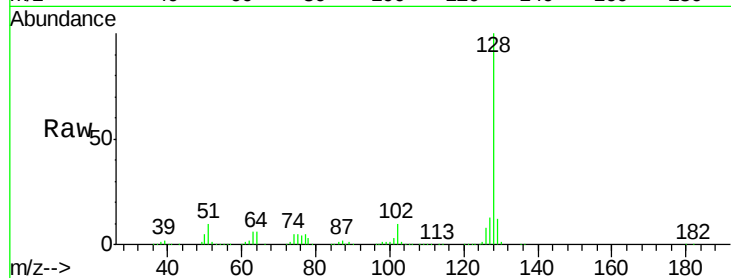




#31
Naphthalene
Concen: 56.59 ng
RT: 7.71 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

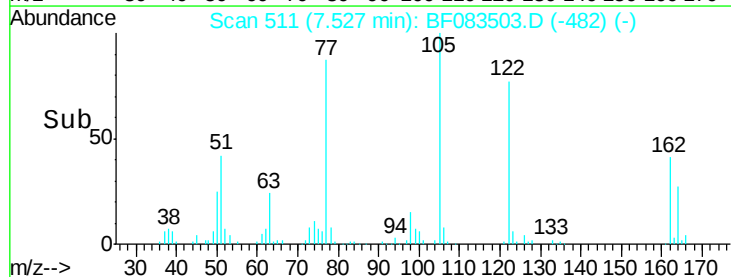
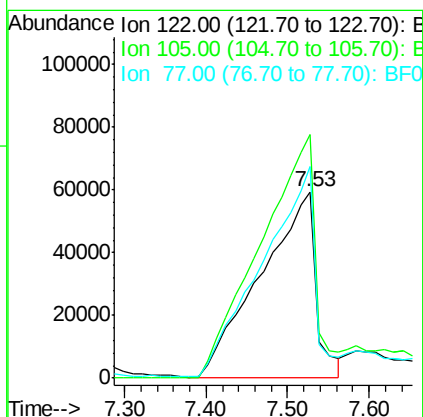
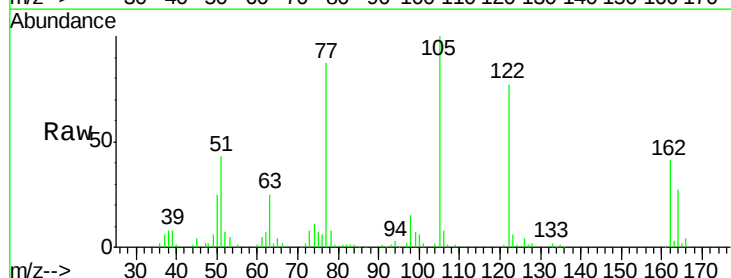
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

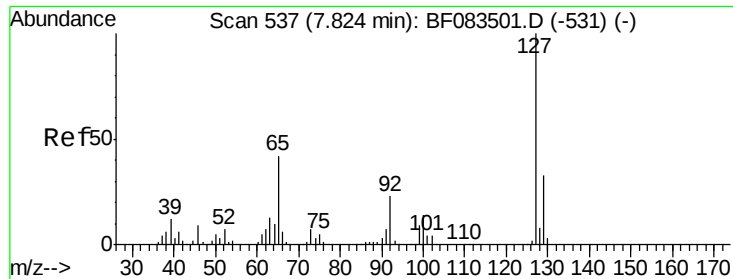
Tgt Ion:128 Resp: 1577731
Ion Ratio Lower Upper
128 100
129 11.7 8.6 13.0
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 48.55 ng
RT: 7.53 min Scan# 511
Delta R.T. 0.03 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion:122 Resp: 278063
Ion Ratio Lower Upper
122 100
105 130.5 105.6 145.6
77 113.2 86.8 126.8

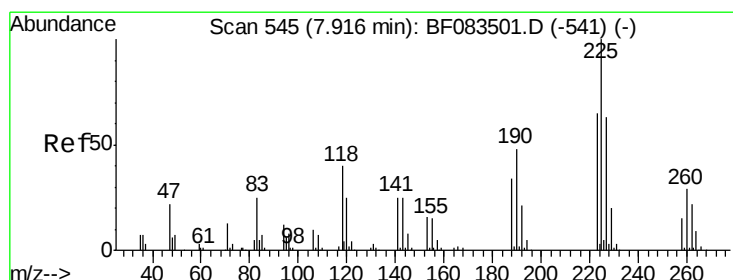
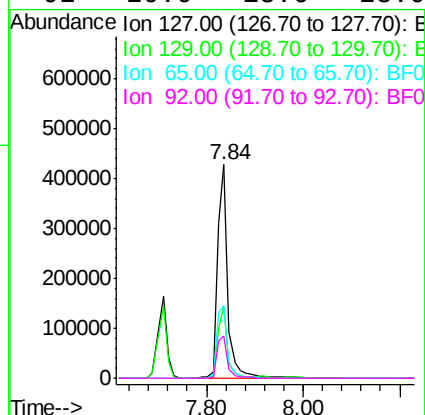
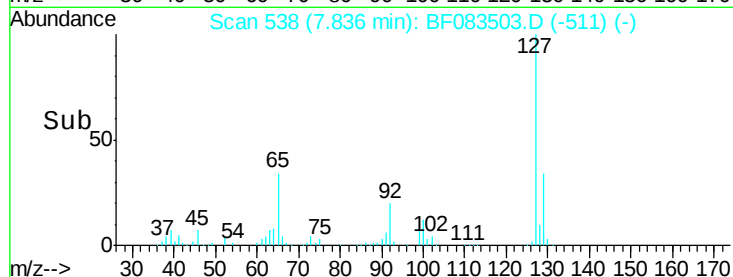
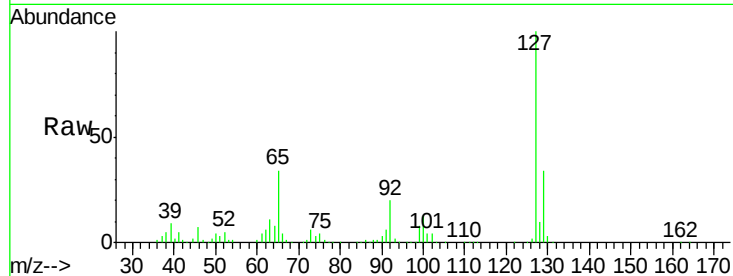




#33
4-Chloroaniline
Concen: 54.23 ng
RT: 7.84 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

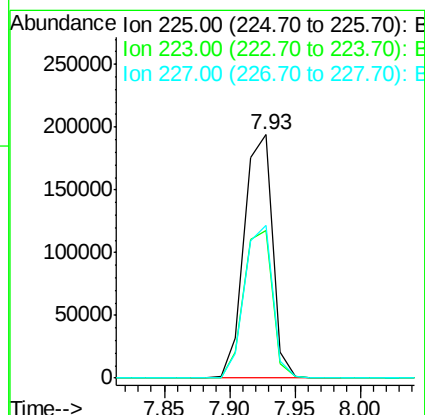
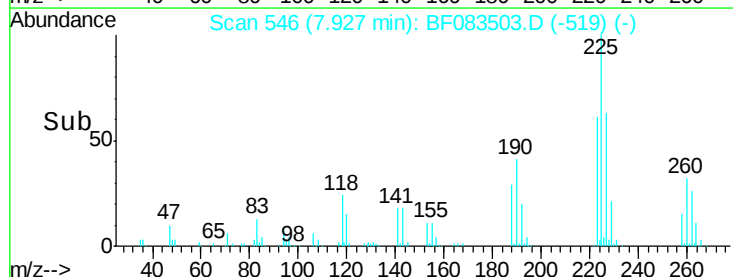
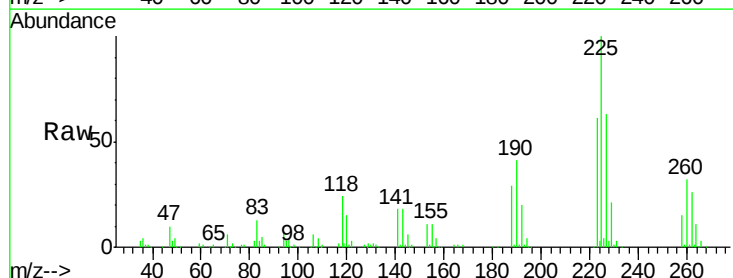
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

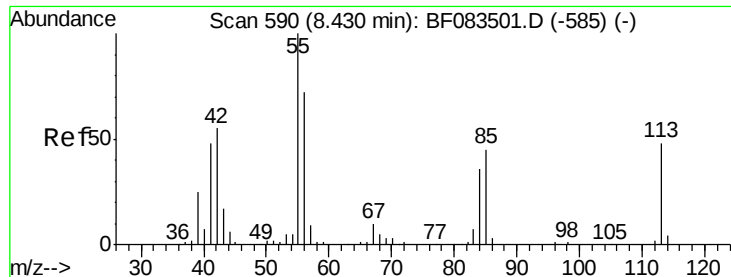
Tgt Ion:	127	Resp:	637212
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.1	39.1
65	34.2	33.5	50.3
92	20.0	18.6	28.0



#34
Hexachlorobutadiene
Concen: 57.58 ng
RT: 7.93 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion:	225	Resp:	292141
Ion	Ratio	Lower	Upper
225	100		
223	60.9	52.3	78.5
227	62.7	50.4	75.6

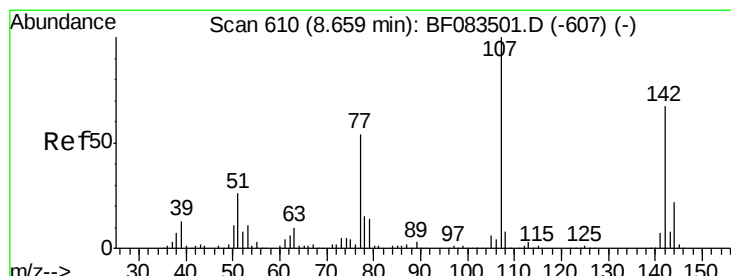
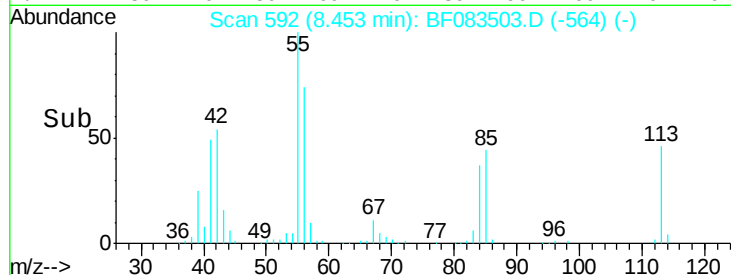
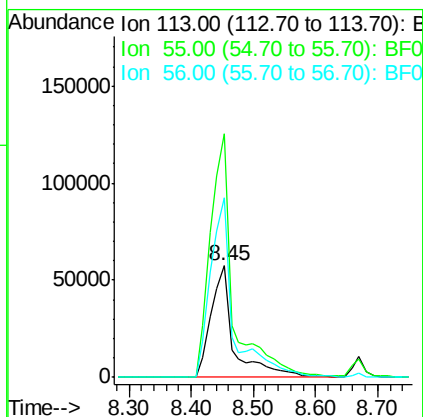
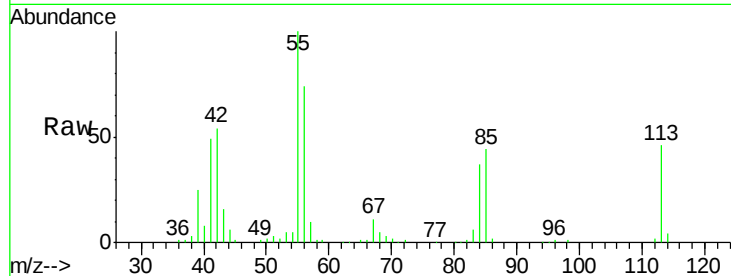




#35
 Caprolactam
 Concen: 56.85 ng
 RT: 8.45 min Scan# 592
 Delta R.T. 0.02 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

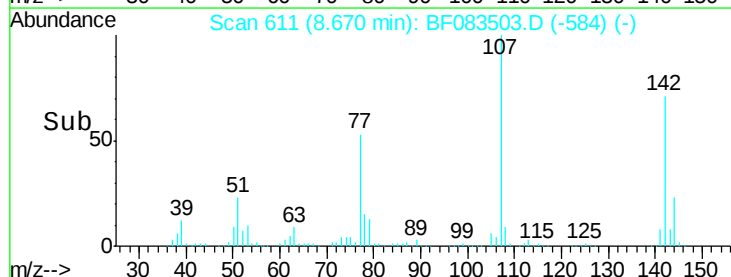
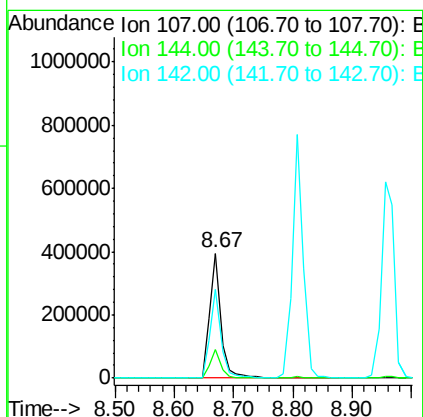
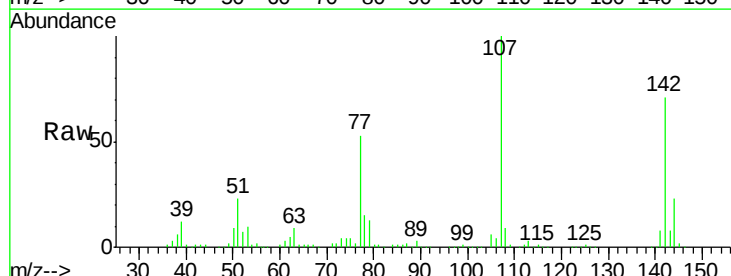
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

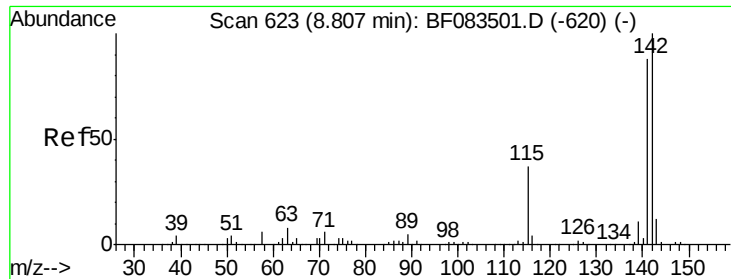
Tgt Ion:113 Resp: 145163
 Ion Ratio Lower Upper
 113 100
 55 219.0 189.7 229.7
 56 161.7 130.7 170.7



#36
 4-Chloro-3-methylphenol
 Concen: 56.95 ng
 RT: 8.67 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Tgt Ion:107 Resp: 519857
 Ion Ratio Lower Upper
 107 100
 144 22.8 17.5 26.3
 142 71.1 53.6 80.4

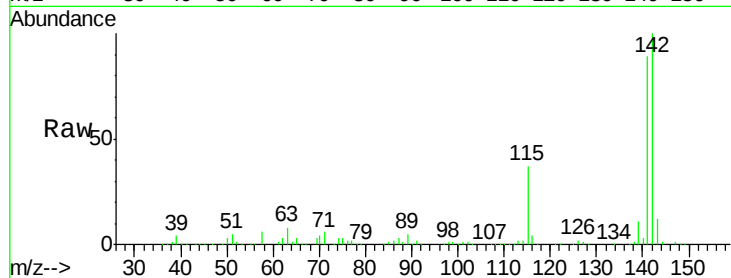




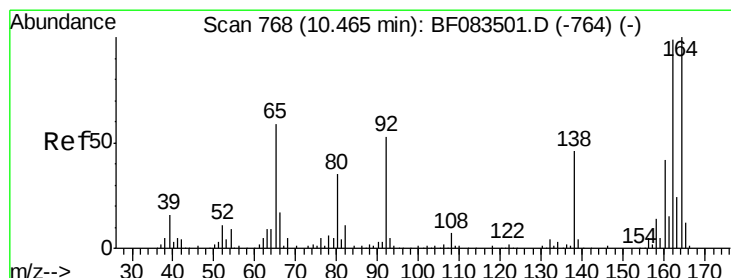
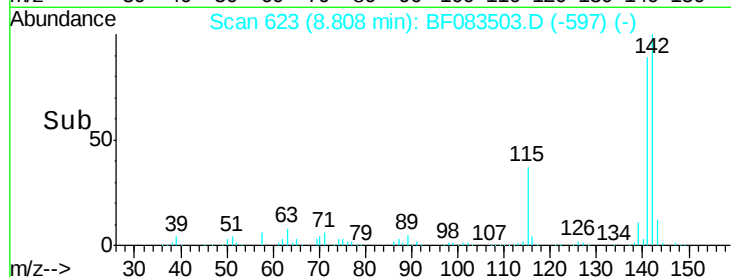
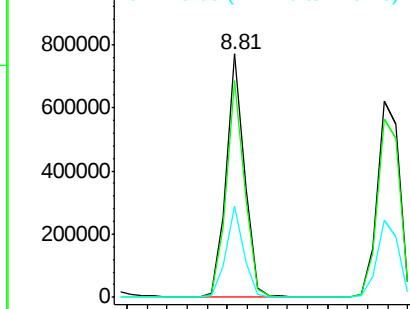
#37
 2-Methylnaphthalene
 Concen: 53.08 ng
 RT: 8.81 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:142 Resp: 974947
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.3 105.5
 115 37.3 29.2 43.8

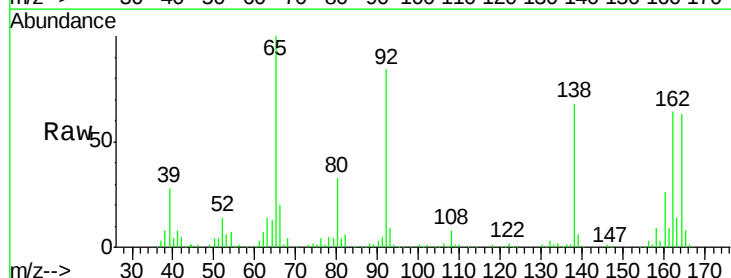


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

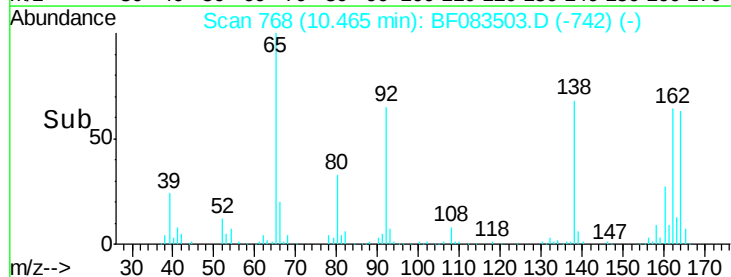
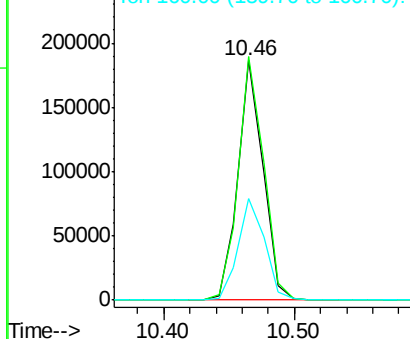


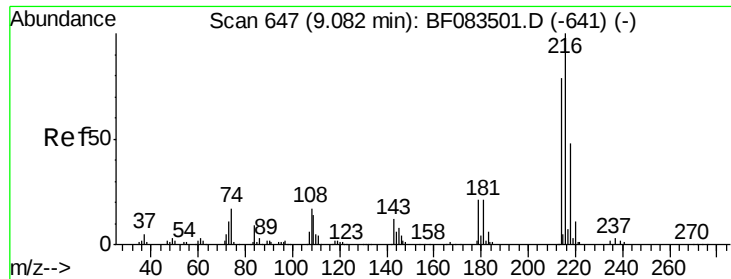
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.46 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Tgt Ion:164 Resp: 247430
 Ion Ratio Lower Upper
 164 100
 162 101.8 78.8 118.2
 160 42.3 33.4 50.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 60.03 ng

RT: 9.08 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:216 Resp: 476902

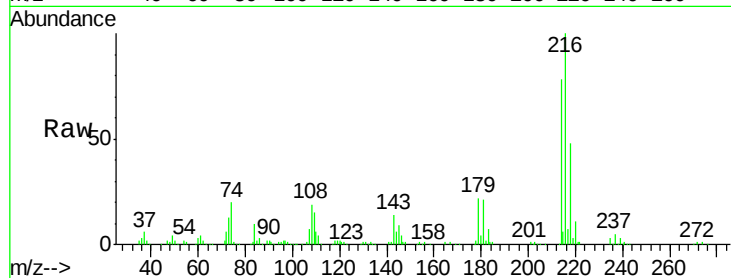
Ion Ratio Lower Upper

216 100

214 78.5 0.0 0.0#

179 21.5 0.0 0.0#

108 19.8 0.0 0.0#

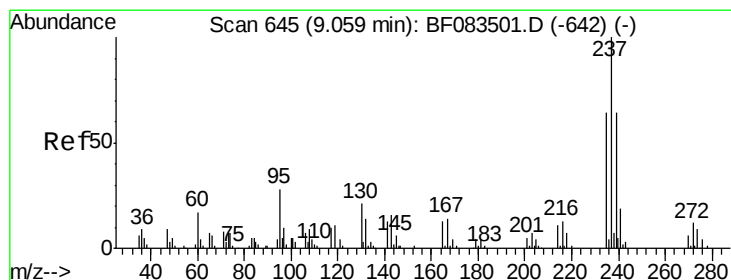
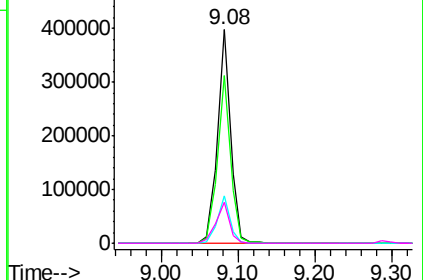
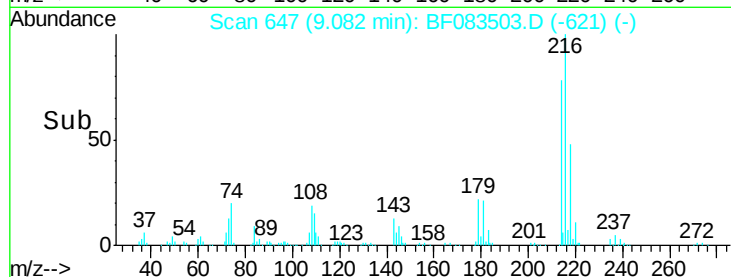


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 49.97 ng

RT: 9.07 min Scan# 646

Delta R.T. 0.01 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

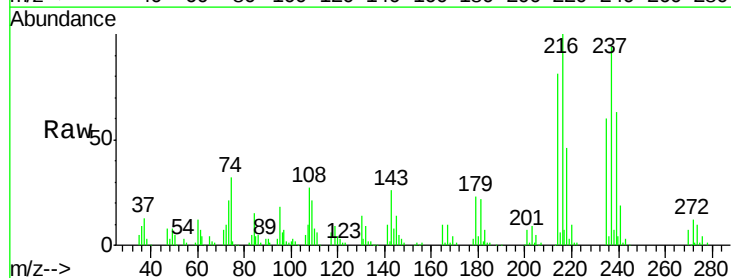
Tgt Ion:237 Resp: 176098

Ion Ratio Lower Upper

237 100

235 63.9 43.9 83.9

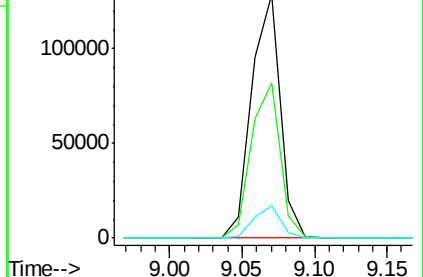
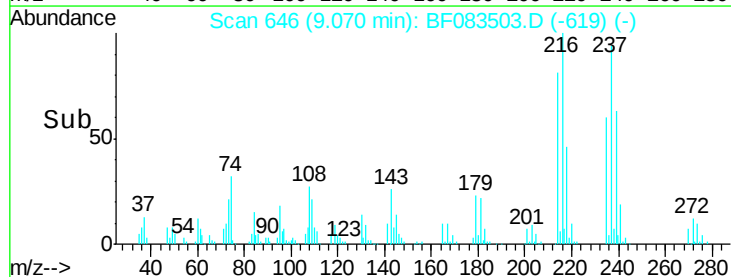
272 13.1 0.0 31.8

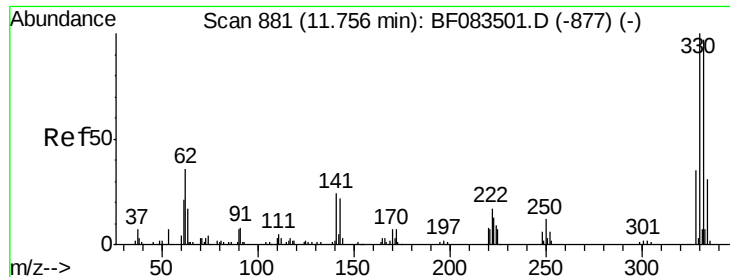


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

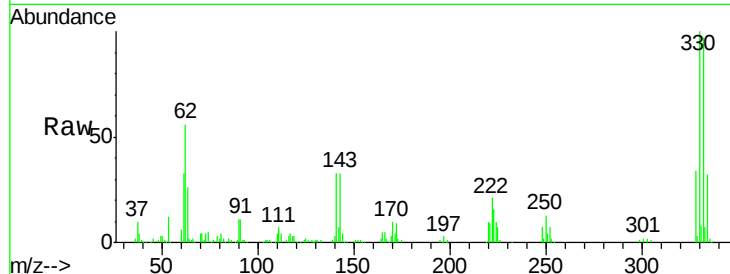




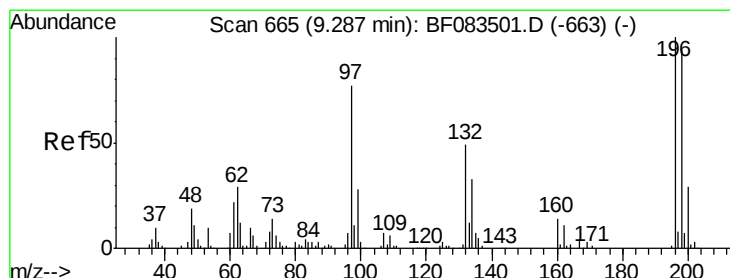
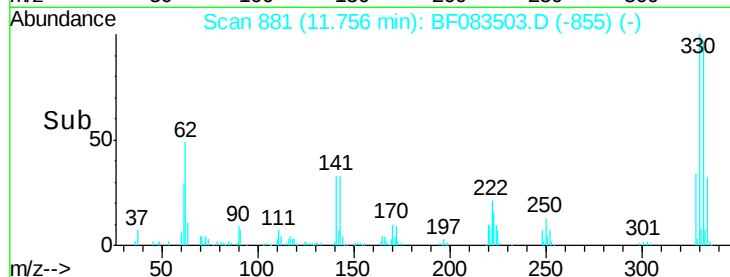
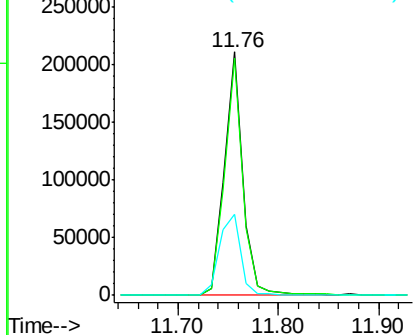
#41
 2,4,6-Tribromophenol
 Concen: 109.41 ng
 RT: 11.76 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC060

Tgt Ion:330 Resp: 270226
 Ion Ratio Lower Upper
 330 100
 332 97.5 0.0 0.0#
 141 38.8 0.0 0.0#

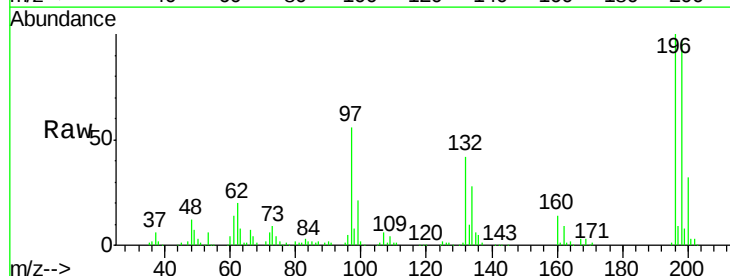


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

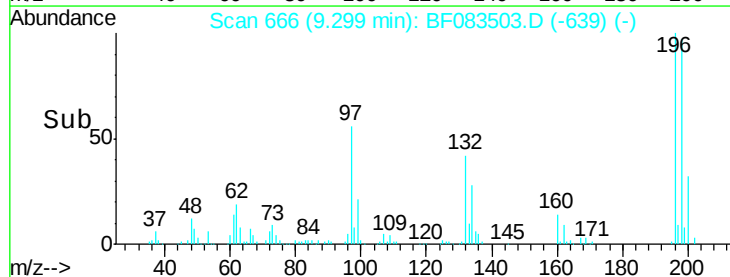
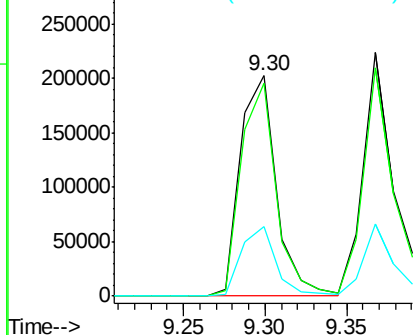


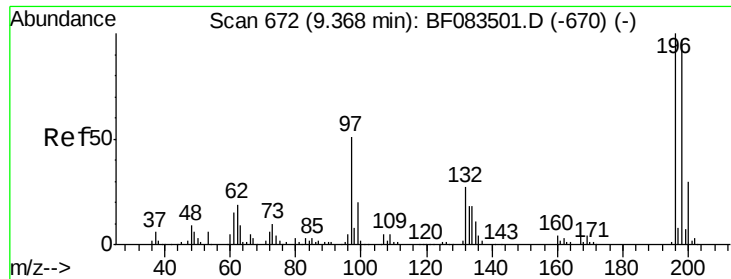
#42
 2,4,6-Trichlorophenol
 Concen: 56.90 ng
 RT: 9.30 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Tgt Ion:196 Resp: 311022
 Ion Ratio Lower Upper
 196 100
 198 96.6 75.2 112.8
 200 31.8 23.0 34.6



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

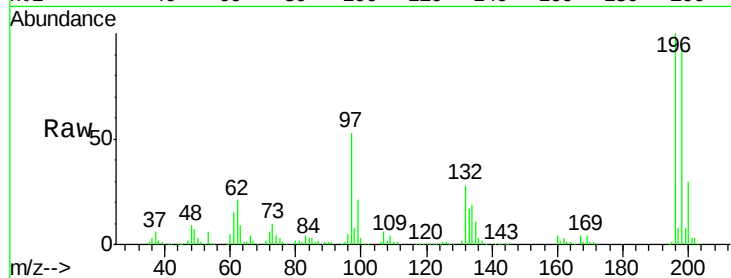




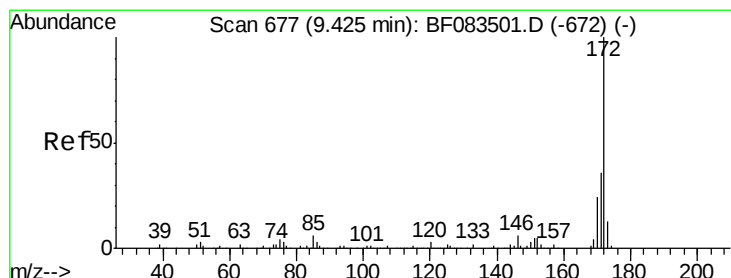
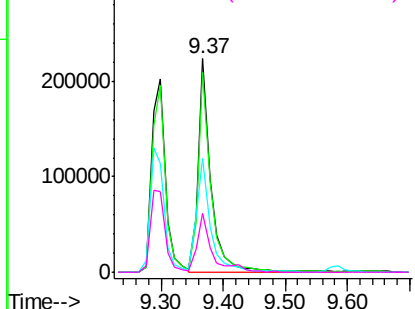
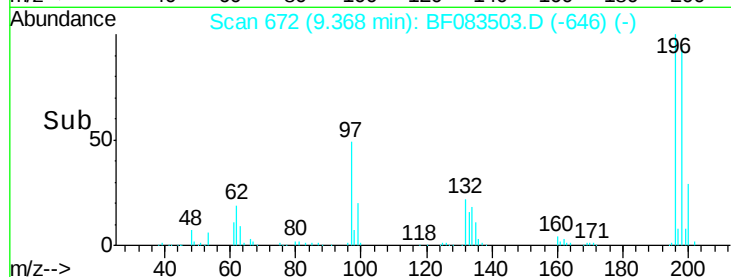
#43
 2,4,5-Trichlorophenol
 Concen: 56.74 ng
 RT: 9.37 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:196 Resp: 318976
 Ion Ratio Lower Upper
 196 100
 198 93.5 77.7 116.5
 97 53.3 41.2 61.8
 132 27.8 21.8 32.8

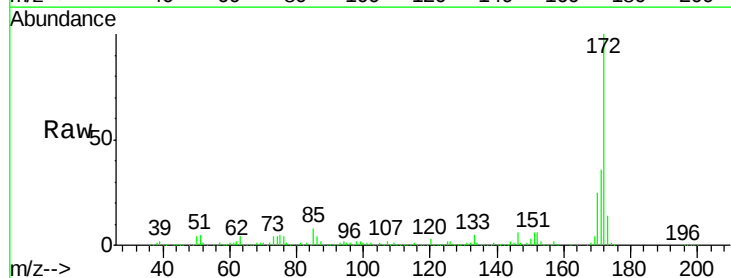


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

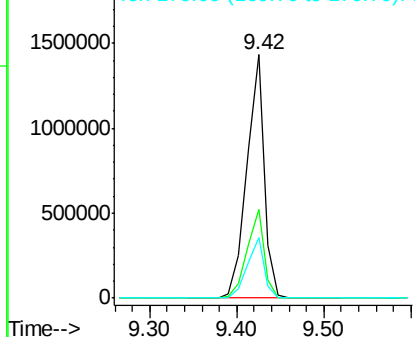
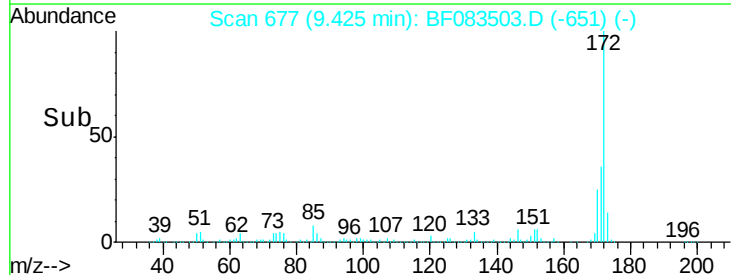


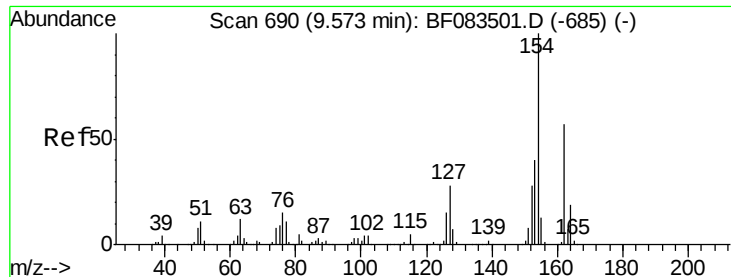
#44
 2-Fluorobiphenyl
 Concen: 114.21 ng
 RT: 9.42 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Tgt Ion:172 Resp: 2010314
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 42.8
 170 25.0 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: 57.69 ng

RT: 9.57 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

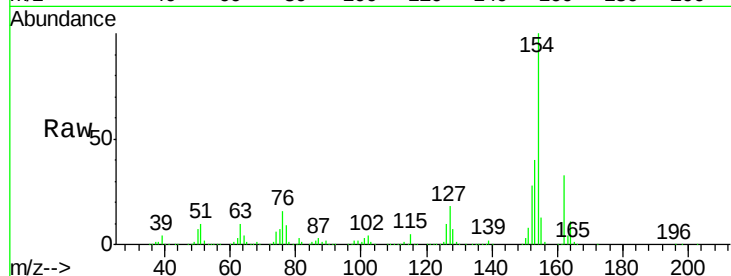
Tgt Ion:154 Resp: 1259651

Ion Ratio Lower Upper

154 100

153 40.3 20.2 60.2

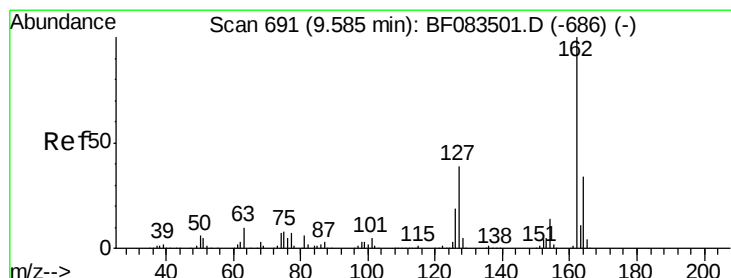
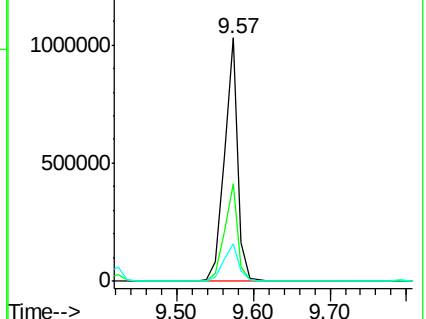
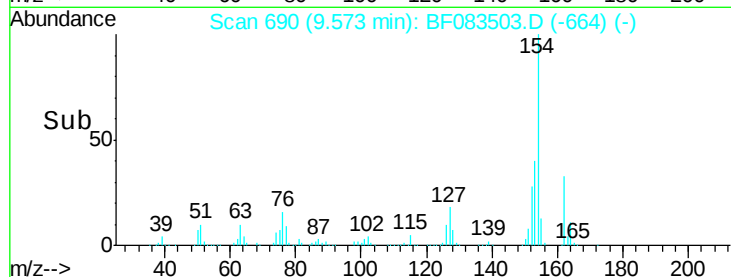
76 15.6 0.0 34.8



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: 57.13 ng

RT: 9.58 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

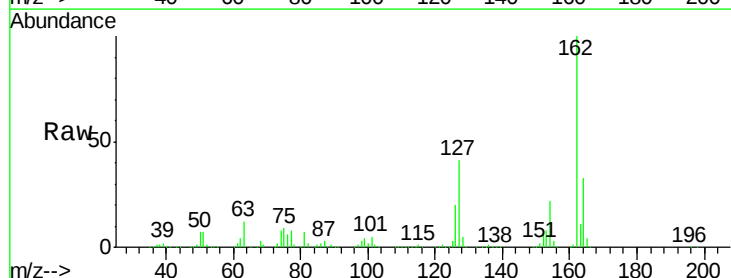
Tgt Ion:162 Resp: 951073

Ion Ratio Lower Upper

162 100

127 40.7 31.0 46.4

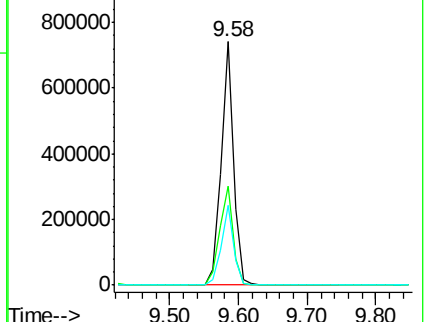
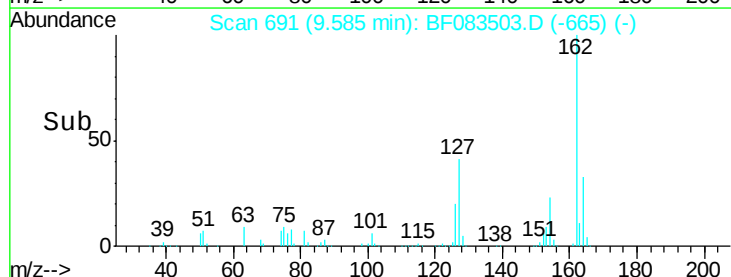
164 32.8 27.4 41.0

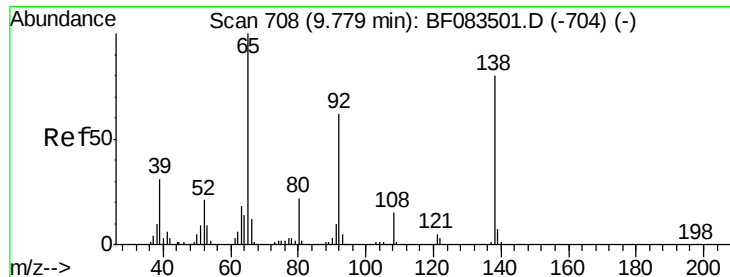


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 56.51 ng

RT: 9.79 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

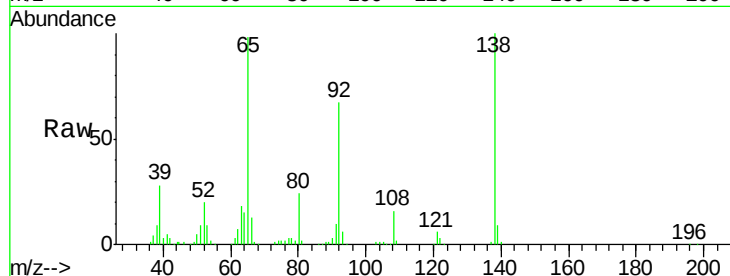
Tgt Ion: 65 Resp: 363719

Ion Ratio Lower Upper

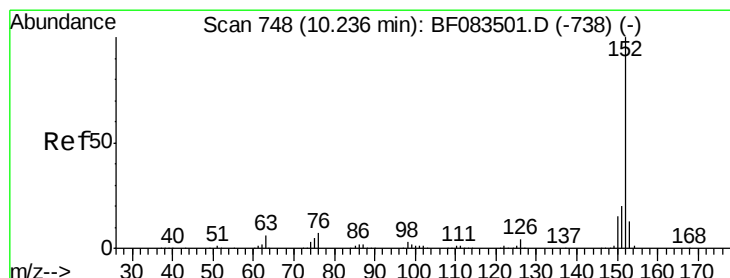
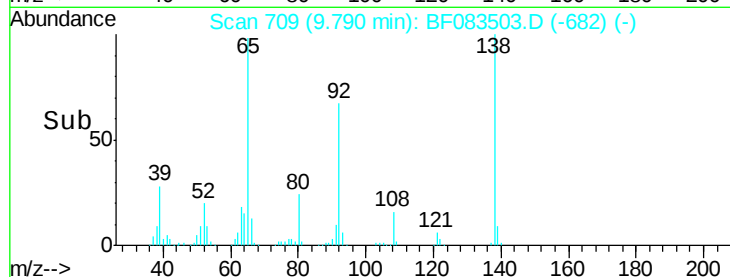
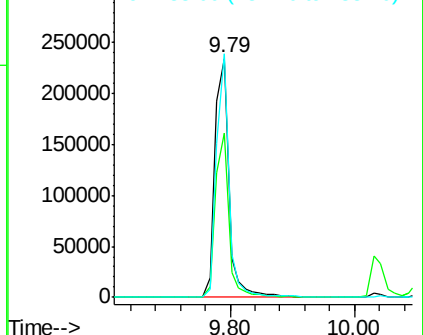
65 100

92 68.7 49.6 74.4

138 102.0 64.1 96.1#



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



#48

Acenaphthylene

Concen: 58.55 ng

RT: 10.24 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

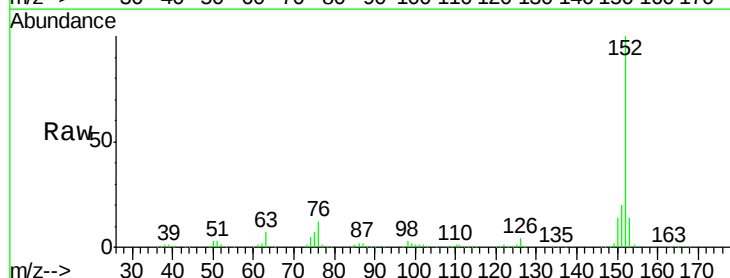
Tgt Ion: 152 Resp: 1561779

Ion Ratio Lower Upper

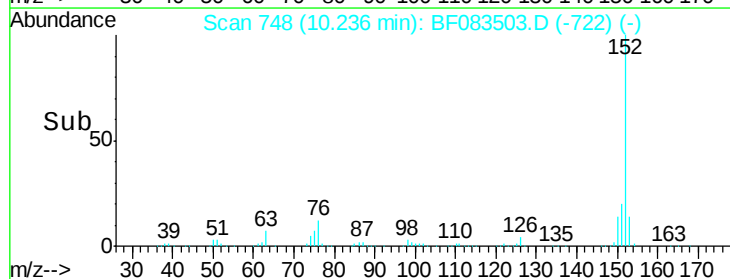
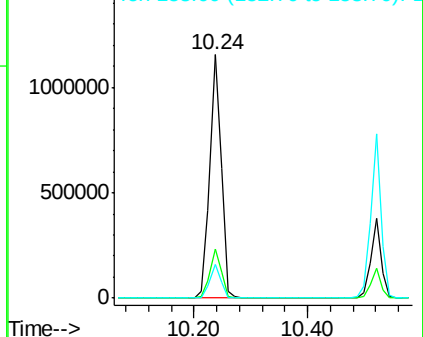
152 100

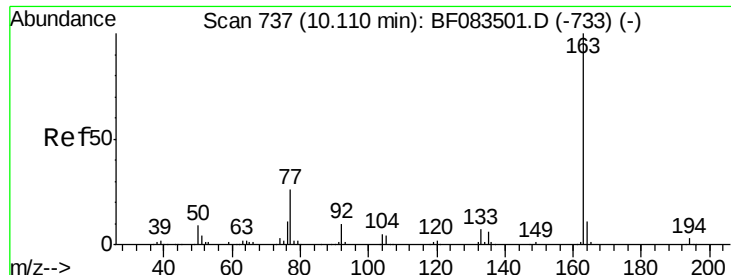
151 20.3 16.3 24.5

153 13.7 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

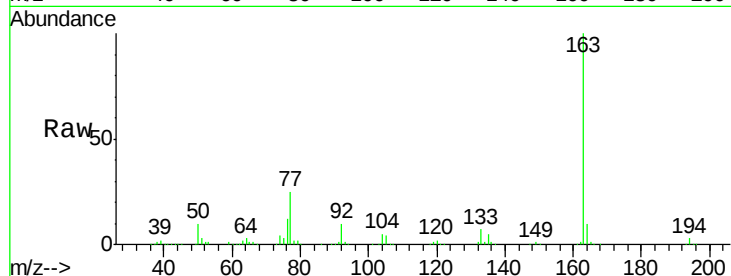




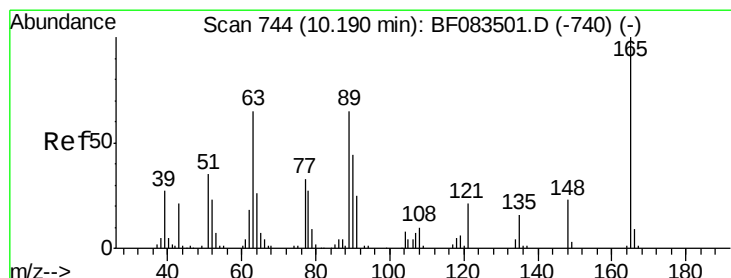
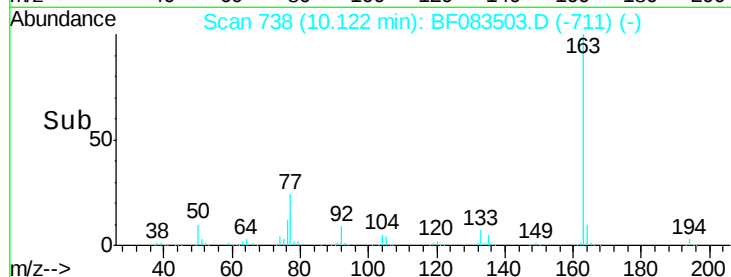
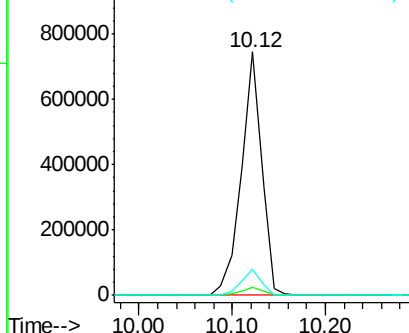
#49
Dimethylphthalate
Concen: 55.91 ng
RT: 10.12 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:163 Resp: 1135049
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.5 8.6 13.0

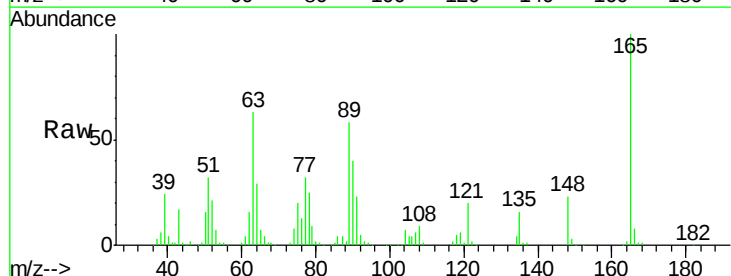


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

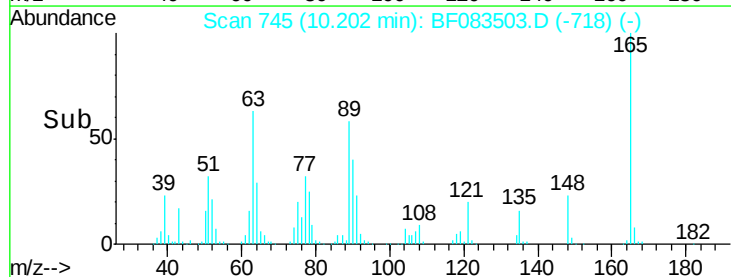
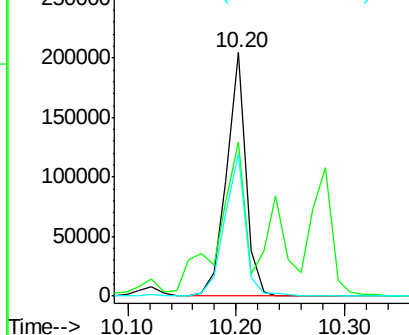


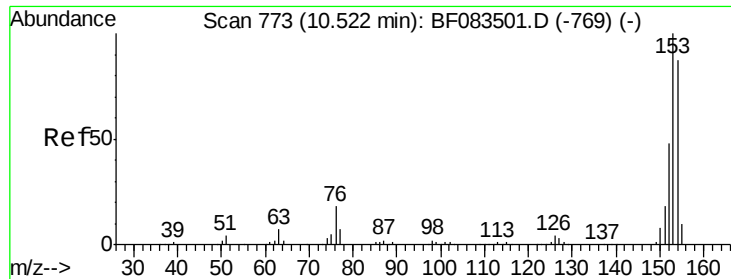
#50
2,6-Dinitrotoluene
Concen: 58.61 ng
RT: 10.20 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion:165 Resp: 250975
Ion Ratio Lower Upper
165 100
63 63.4 56.9 85.3
89 58.5 52.1 78.1



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: 57.77 ng

RT: 10.52 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

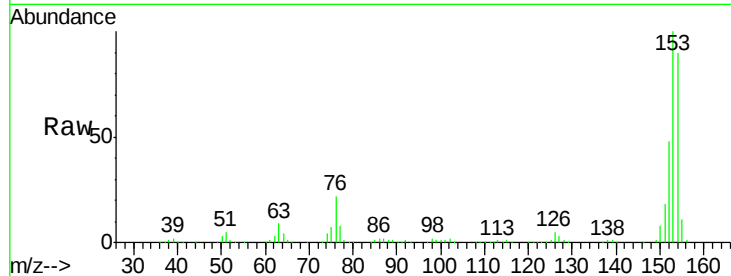
Tgt Ion:154 Resp: 902180

Ion Ratio Lower Upper

154 100

153 110.6 91.4 137.0

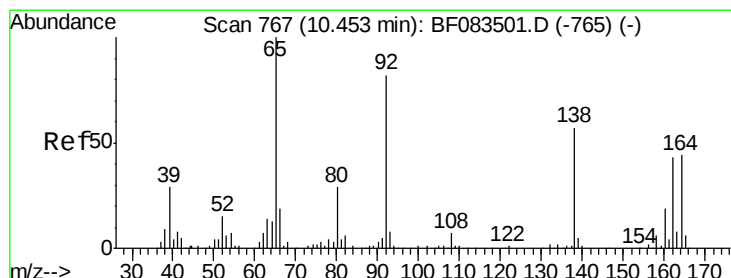
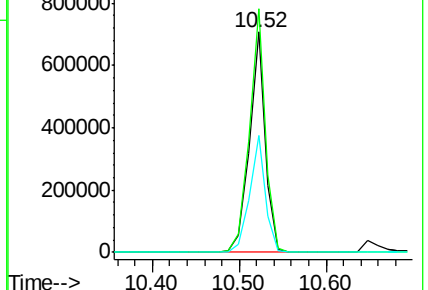
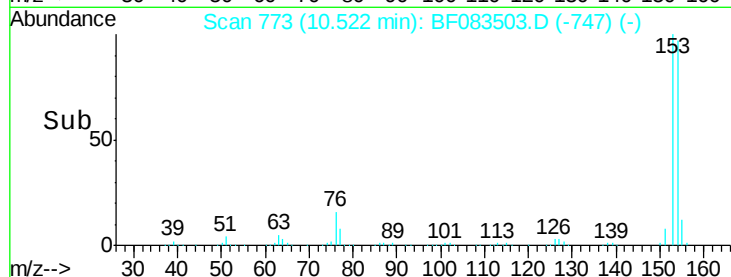
152 53.1 43.4 65.2



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: 55.15 ng

RT: 10.46 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

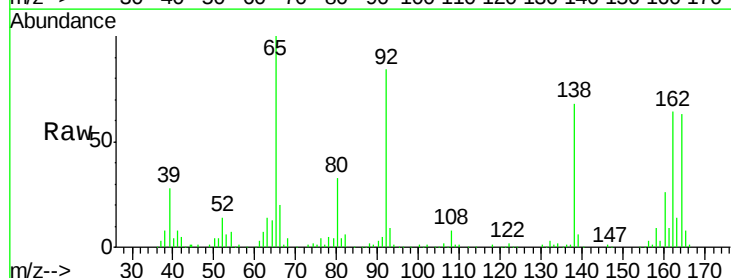
Tgt Ion:138 Resp: 270411

Ion Ratio Lower Upper

138 100

108 12.5 9.9 14.9

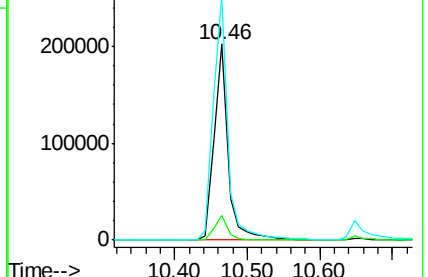
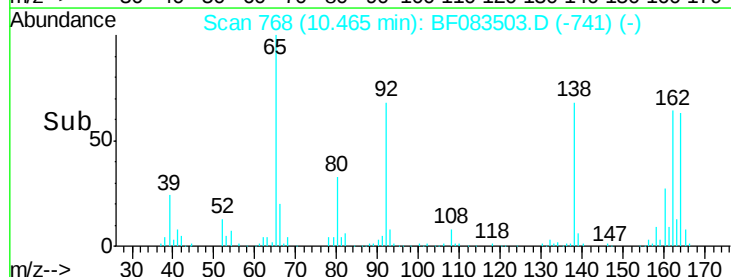
92 124.2 113.8 170.8

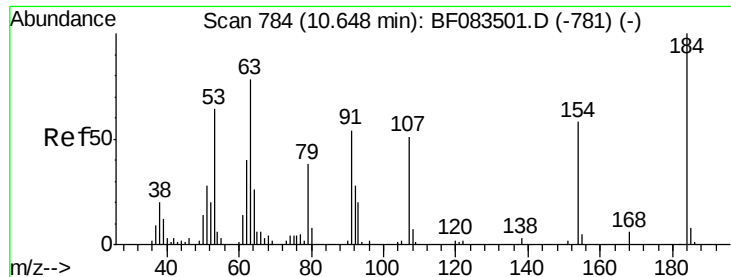


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

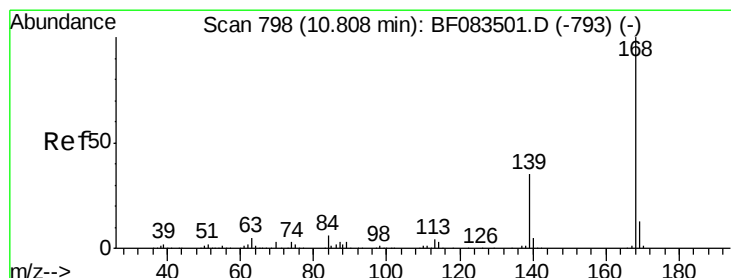
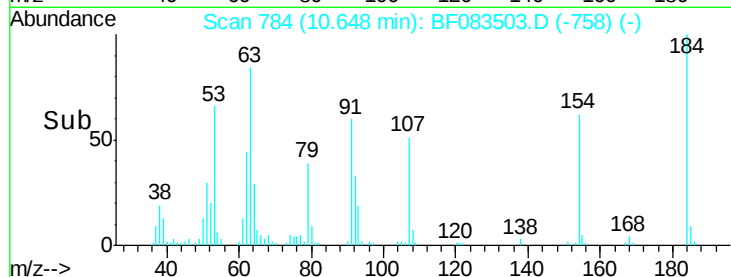
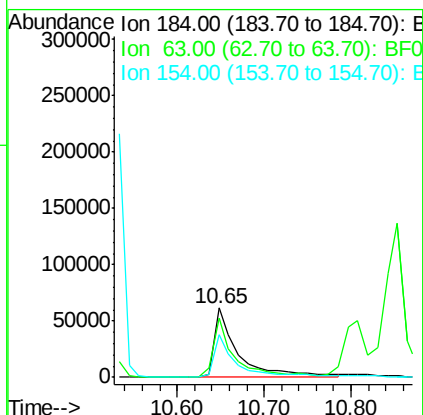
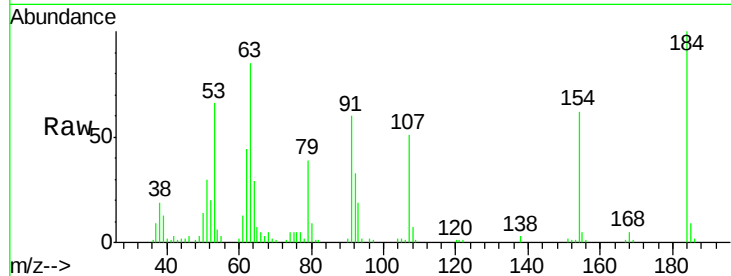




#53
2,4-Dinitrophenol
Concen: 54.20 ng
RT: 10.65 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

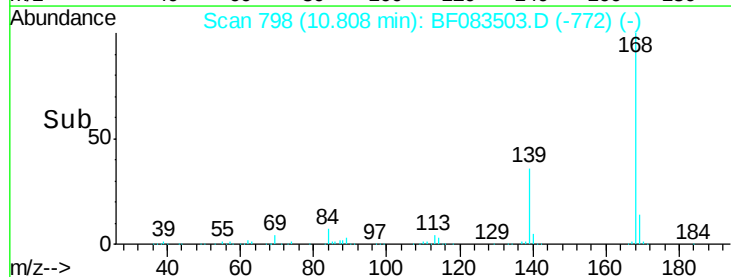
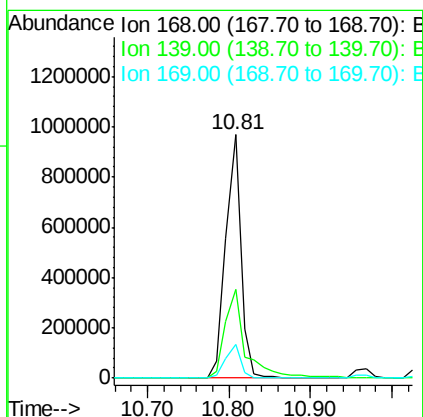
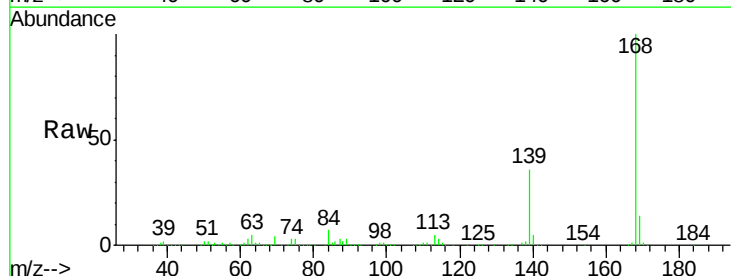
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

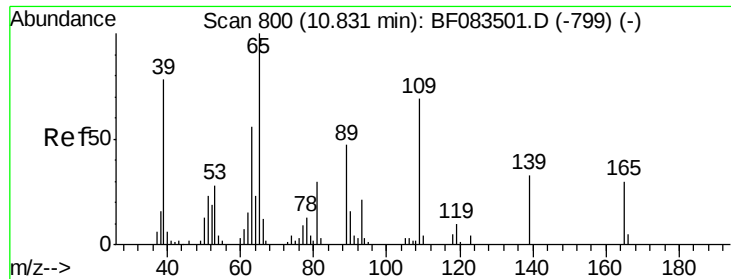
Tgt Ion:184 Resp: 118384
Ion Ratio Lower Upper
184 100
63 85.2 62.4 93.6
154 62.0 46.6 69.8



#54
Dibenzofuran
Concen: 54.92 ng
RT: 10.81 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion:168 Resp: 1252037
Ion Ratio Lower Upper
168 100
139 36.3 28.0 42.0
169 13.8 10.8 16.2

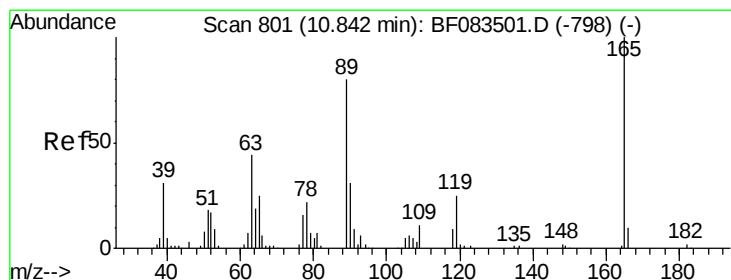
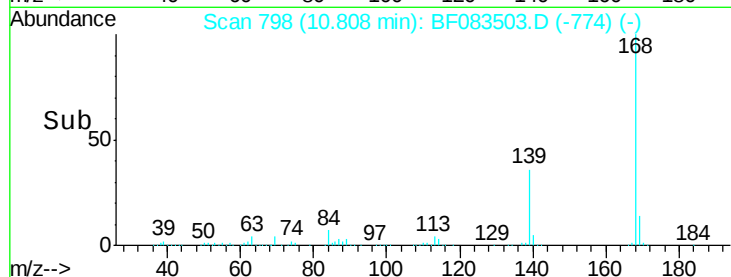
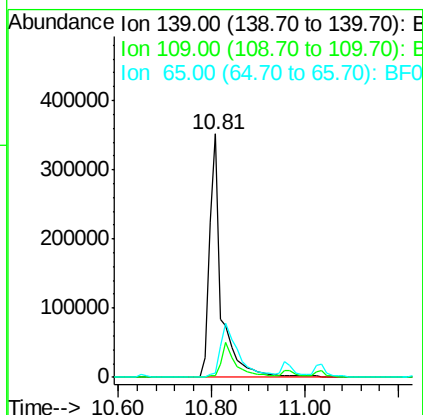
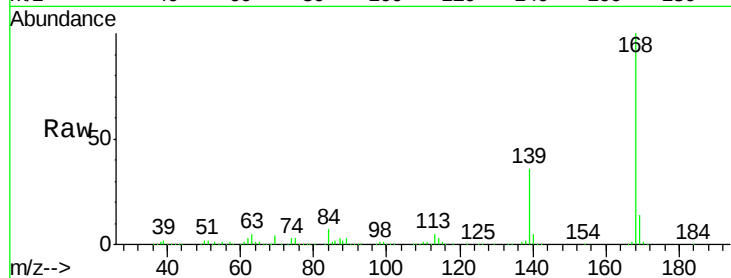




#55
4-Nitrophenol
Concen: 208.23 ng
RT: 10.81 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

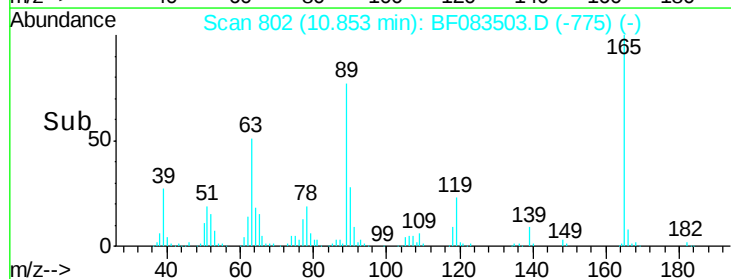
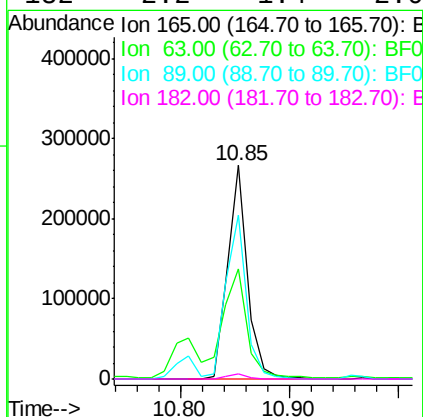
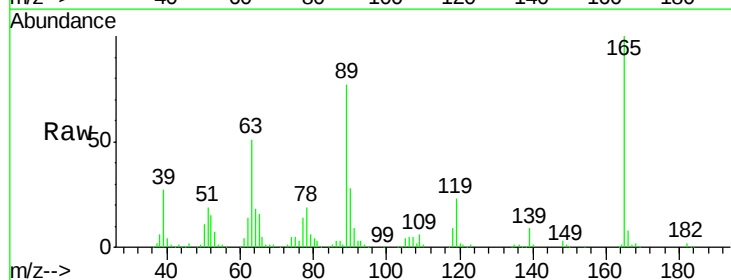
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

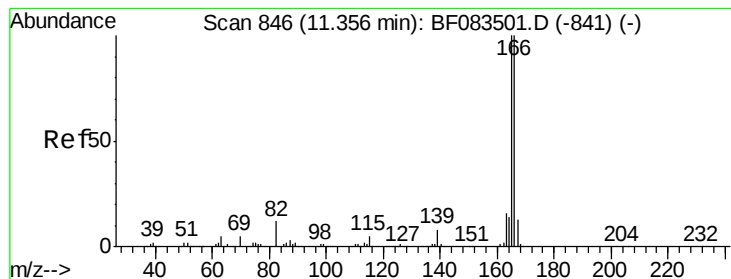
Tgt Ion:139 Resp: 631408
Ion Ratio Lower Upper
139 100
109 0.8 42.0 82.0#
65 1.8 89.2 129.2#



#56
2,4-Dinitrotoluene
Concen: 60.73 ng
RT: 10.85 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion:165 Resp: 332262
Ion Ratio Lower Upper
165 100
63 51.4 51.4 77.2#
89 76.7 72.6 108.8
182 2.2 1.4 2.0#





#57

Fluorene

Concen: 58.78 ng

RT: 11.36 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

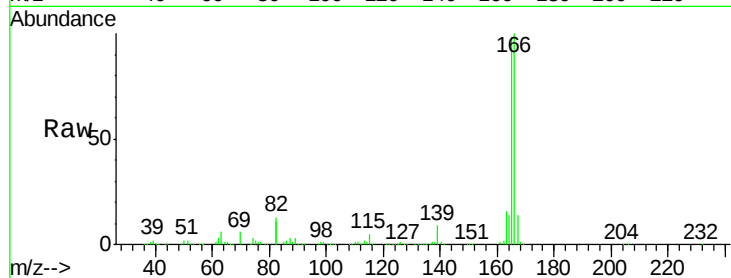
Tgt Ion:166 Resp: 1071257

Ion Ratio Lower Upper

166 100

165 98.5 80.0 120.0

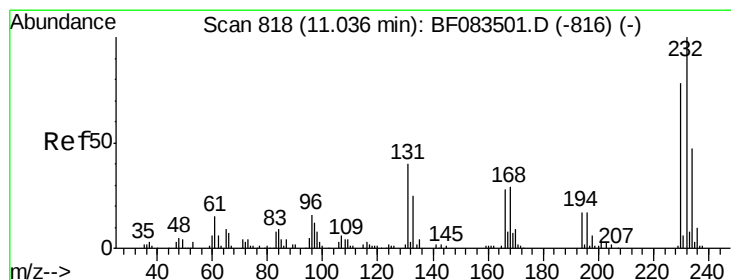
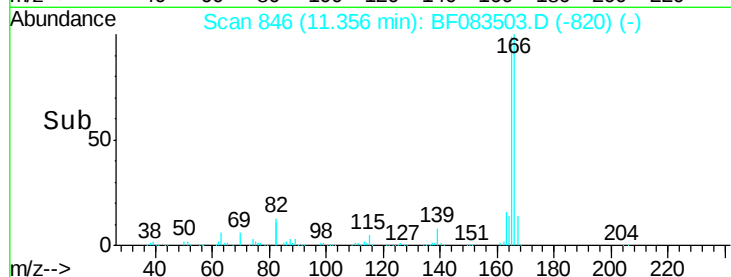
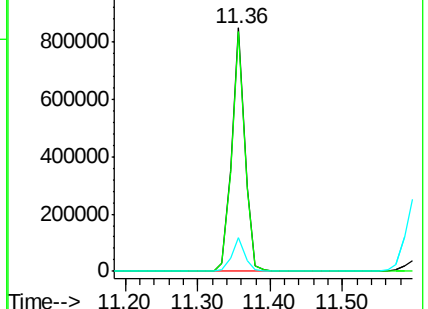
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.49 ng

RT: 11.04 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Tgt Ion:232 Resp: 236834

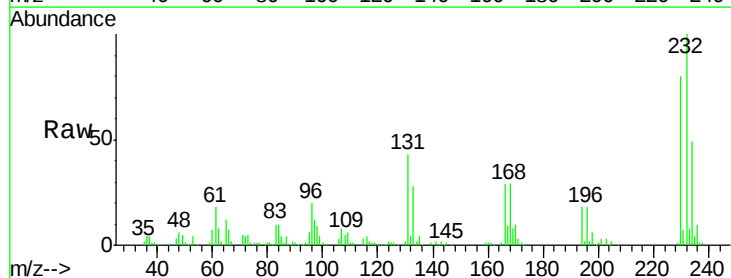
Ion Ratio Lower Upper

232 100

131 47.0 0.0 0.0#

130 2.2 0.0 0.0#

166 30.3 0.0 0.0#

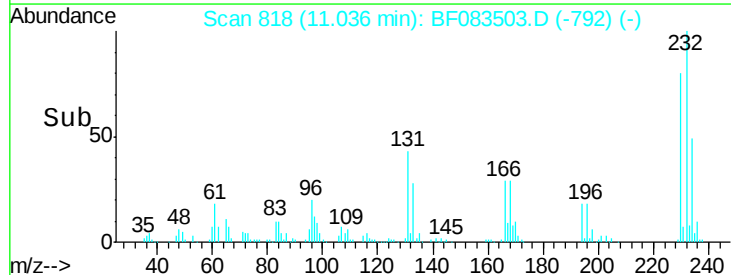
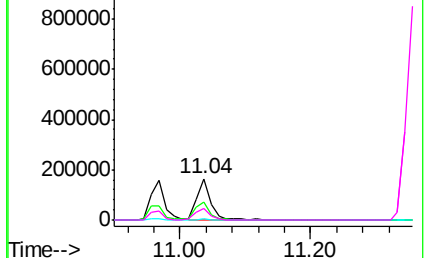


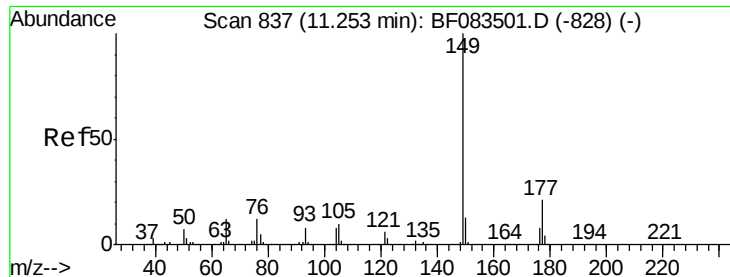
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

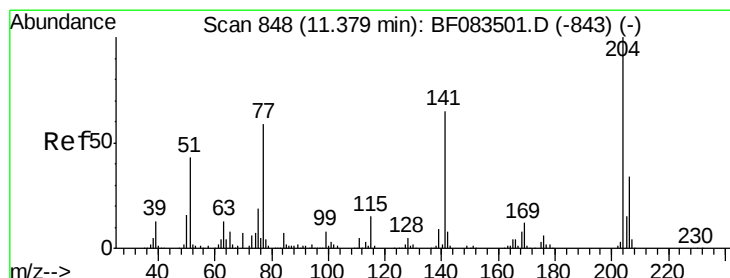
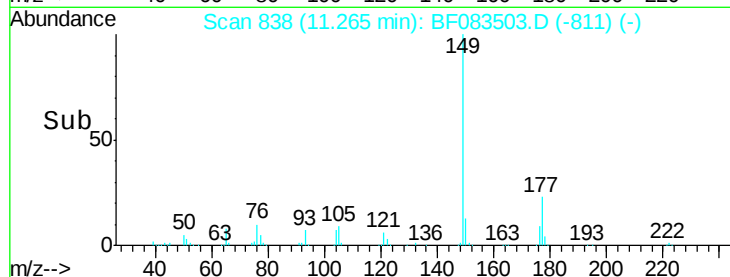
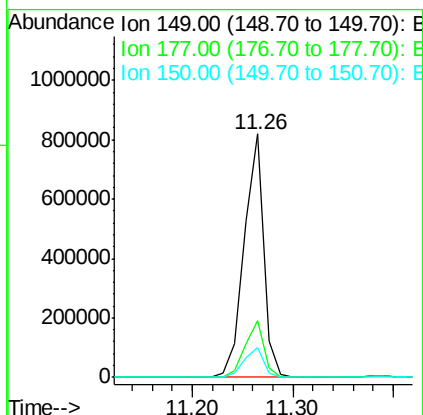
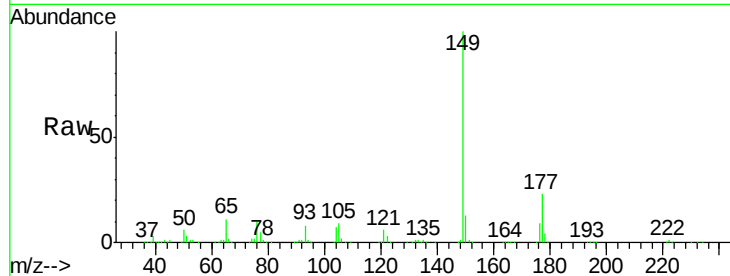




#59
Diethylphthalate
Concen: 57.41 ng
RT: 11.26 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

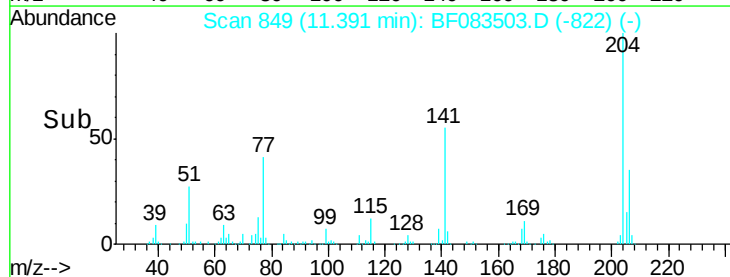
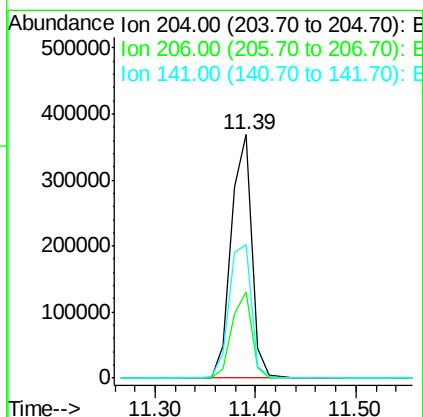
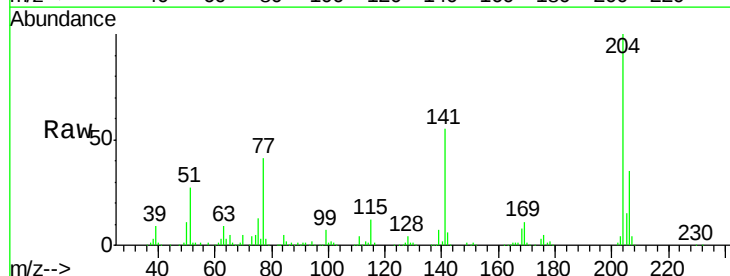
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

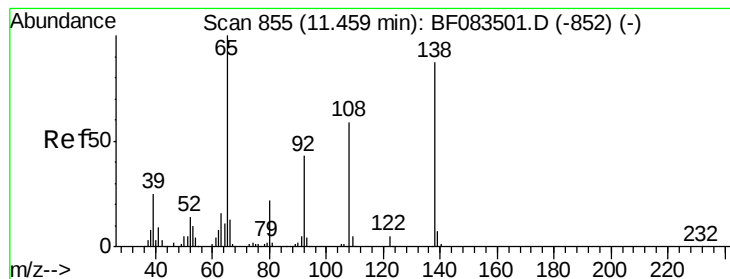
Tgt Ion:149 Resp: 1104022
Ion Ratio Lower Upper
149 100
177 23.2 16.9 25.3
150 12.5 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 62.37 ng
RT: 11.39 min Scan# 849
Delta R.T. 0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion:204 Resp: 521944
Ion Ratio Lower Upper
204 100
206 35.2 27.3 40.9
141 54.8 51.9 77.9





#61

4-Nitroaniline

Concen: 52.51 ng

RT: 11.46 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

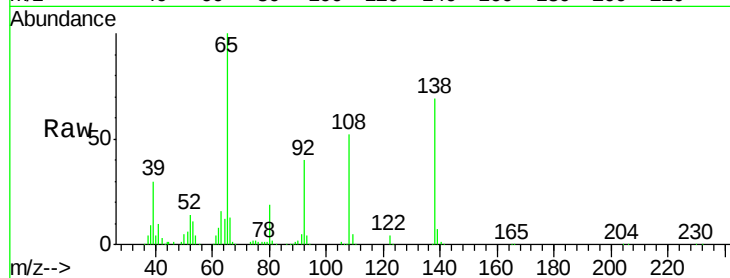
Tgt Ion:138 Resp: 255522

Ion Ratio Lower Upper

138 100

92 58.1 29.0 69.0

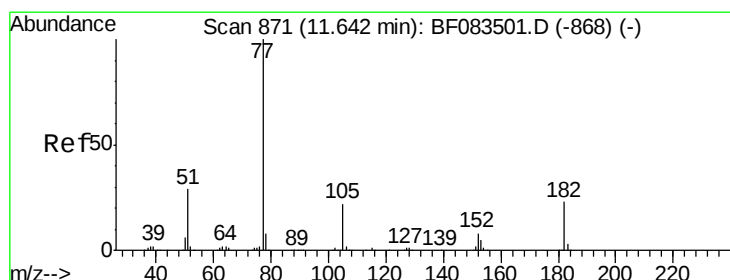
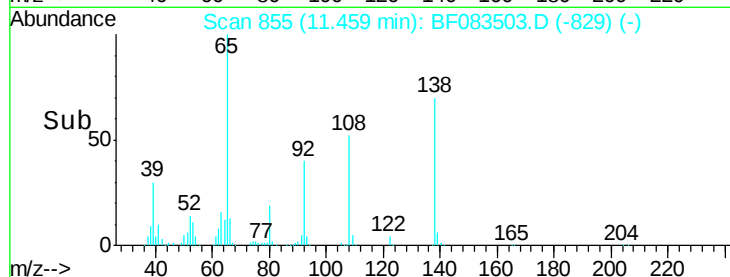
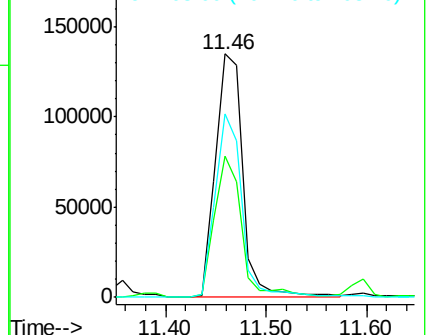
108 75.2 47.4 87.4



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: 55.47 ng

RT: 11.64 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Tgt Ion: 77 Resp: 1254730

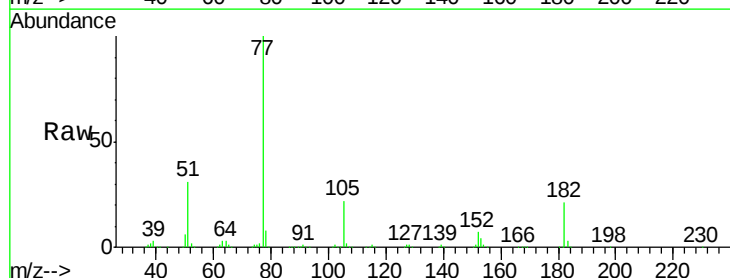
Ion Ratio Lower Upper

77 100

182 20.7 2.5 42.5

105 21.9 2.1 42.1

51 30.6 9.3 49.3

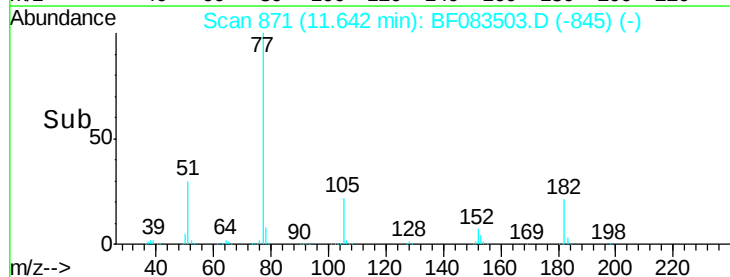
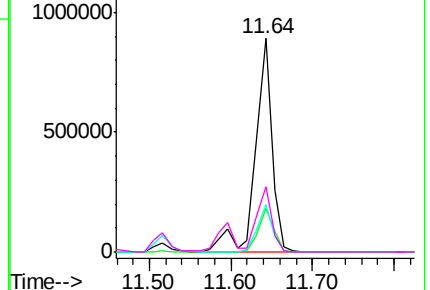


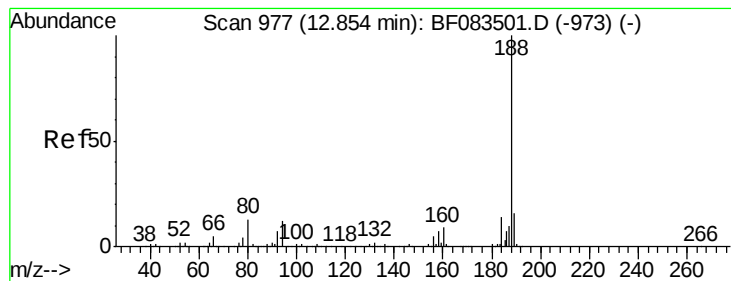
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.85 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

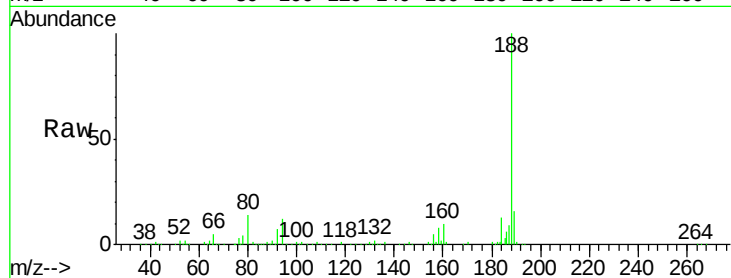
Tgt Ion:188 Resp: 462509

Ion Ratio Lower Upper

188 100

94 12.2 9.4 14.2

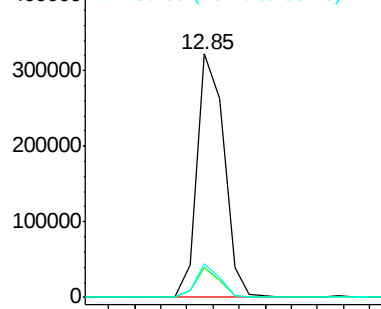
80 14.1 10.6 16.0



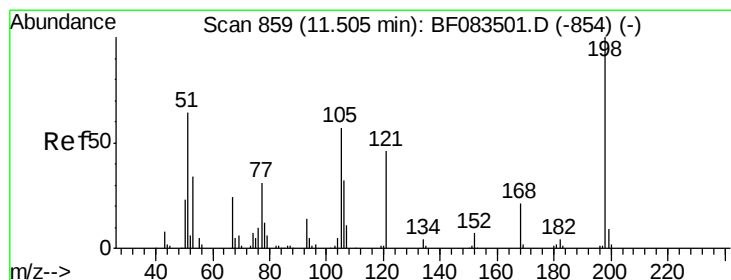
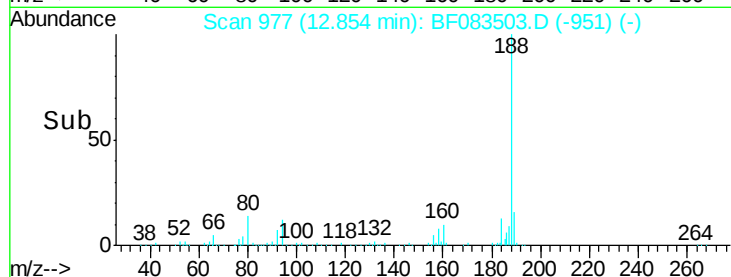
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time--> 12.80 12.90



#64

4,6-Dinitro-2-methylphenol

Concen: 60.70 ng

RT: 11.52 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

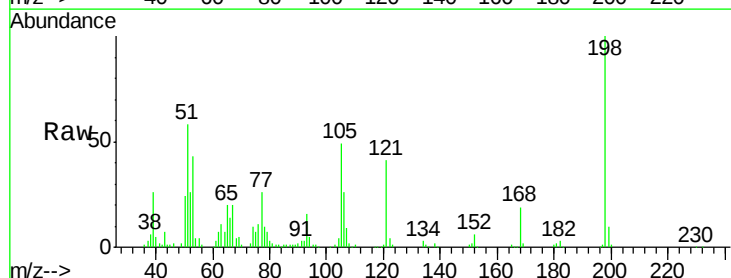
Tgt Ion:198 Resp: 185480

Ion Ratio Lower Upper

198 100

51 57.7 53.8 93.8

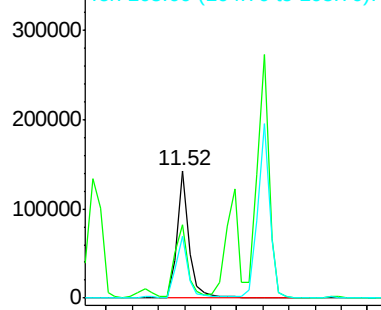
105 49.0 38.6 78.6



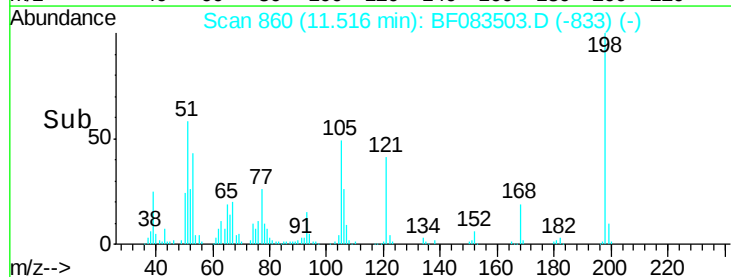
Abundance Ion 198.00 (197.70 to 198.70): E

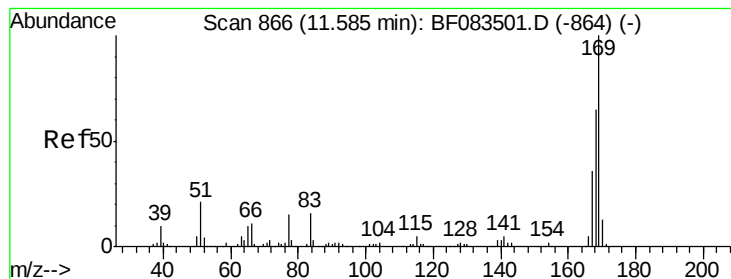
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time--> 11.40 11.60





#65

n-Nitrosodiphenylamine

Concen: 54.74 ng

RT: 11.60 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

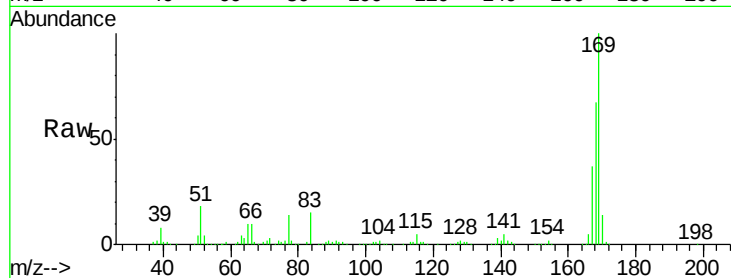
Tgt Ion:169 Resp: 882798

Ion Ratio Lower Upper

169 100

168 67.1 53.0 79.6

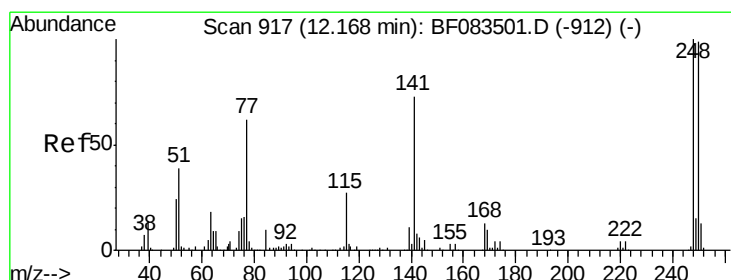
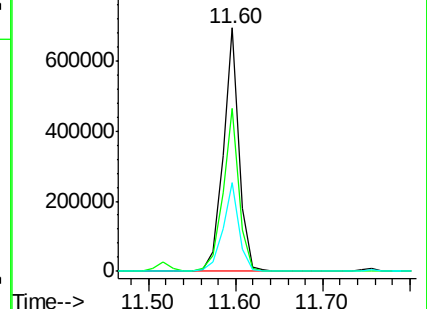
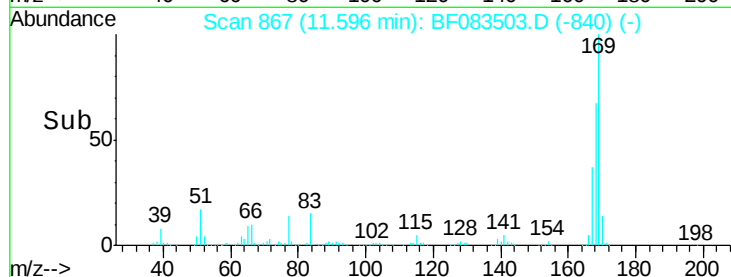
167 36.6 29.3 43.9



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: 58.58 ng

RT: 12.17 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

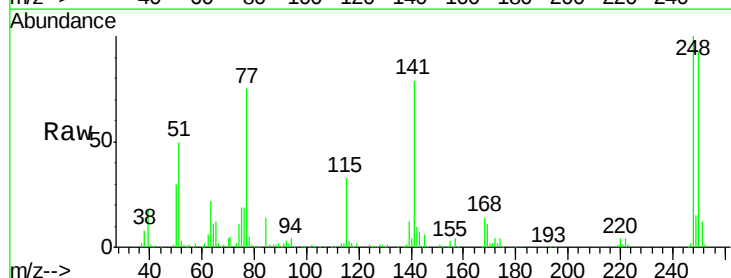
Tgt Ion:248 Resp: 297169

Ion Ratio Lower Upper

248 100

250 93.2 79.2 118.8

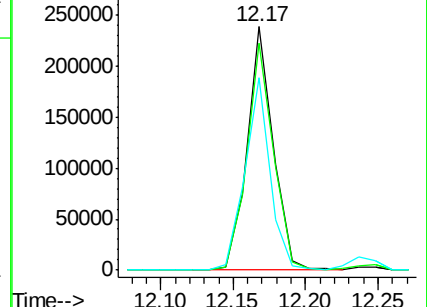
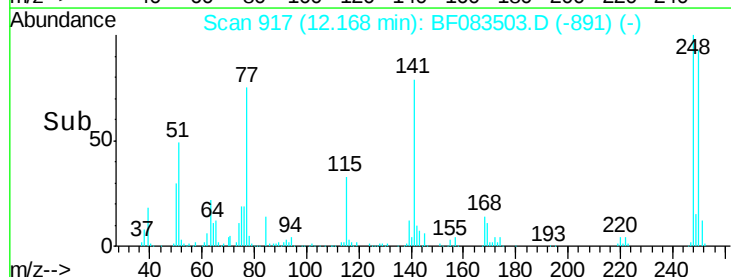
141 79.1 58.2 87.4

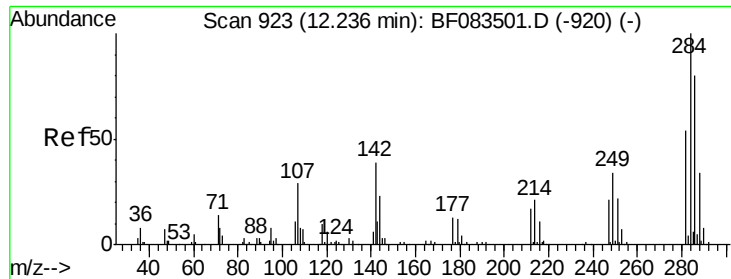


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

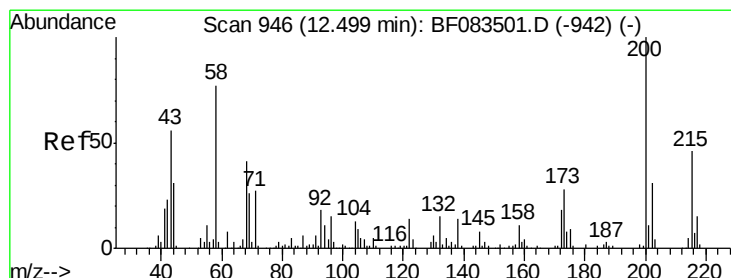
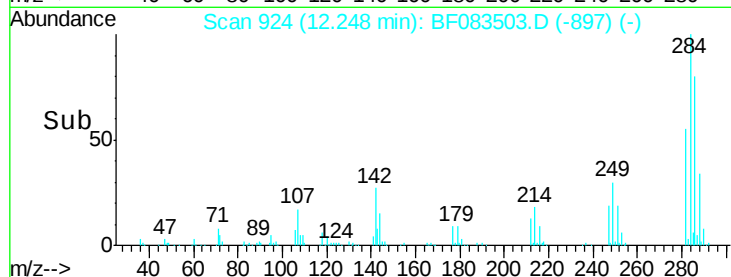
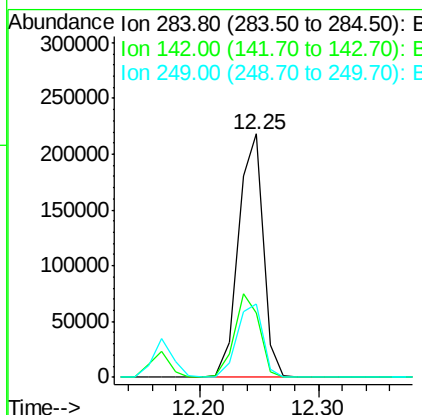
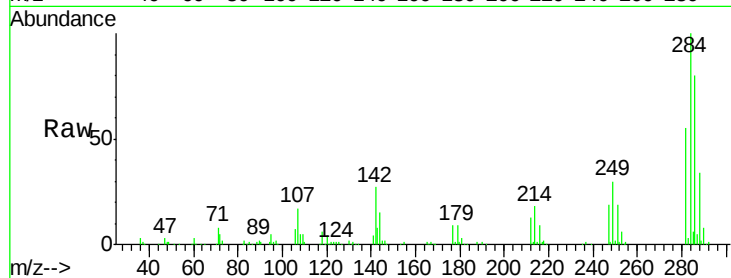




#67
Hexachlorobenzene
Concen: 57.14 ng
RT: 12.25 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

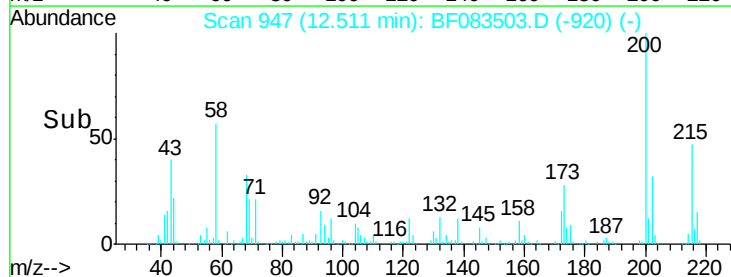
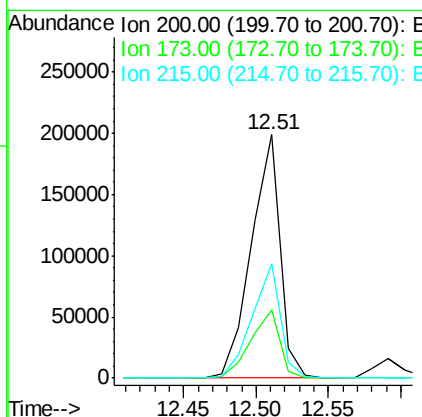
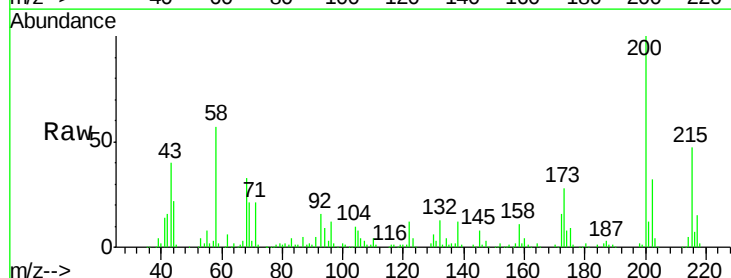
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

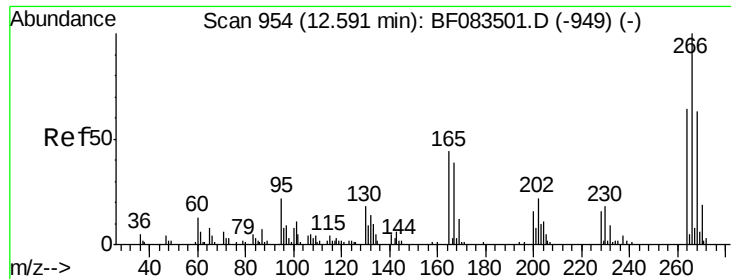
Tgt Ion: 284 Resp: 318538
Ion Ratio Lower Upper
284 100
142 26.5 31.0 46.4#
249 30.3 26.9 40.3



#68
Atrazine
Concen: 59.84 ng
RT: 12.51 min Scan# 947
Delta R.T. 0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion: 200 Resp: 274714
Ion Ratio Lower Upper
200 100
173 27.9 7.8 47.8
215 47.1 25.7 65.7

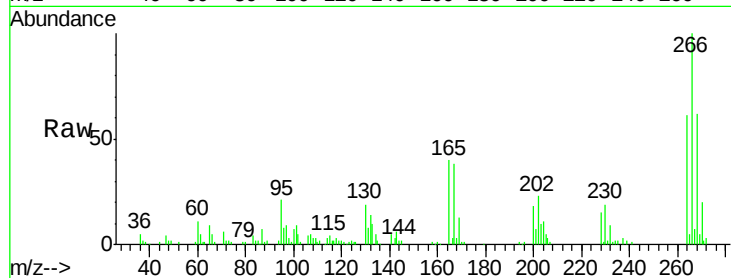




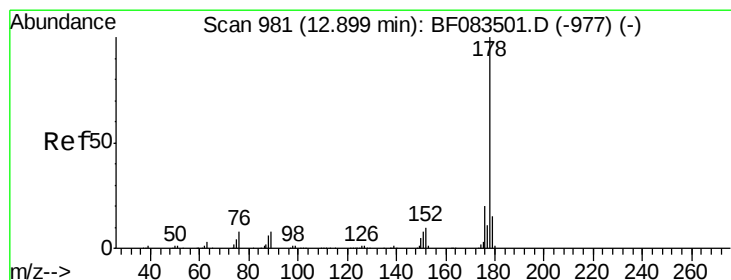
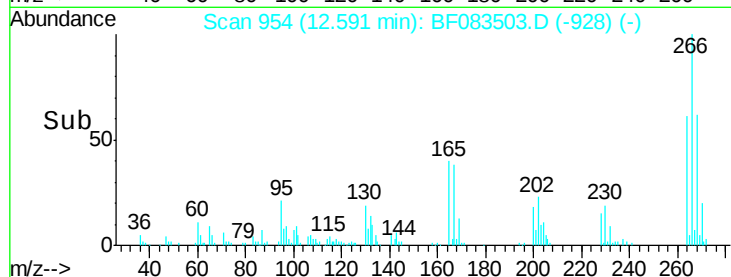
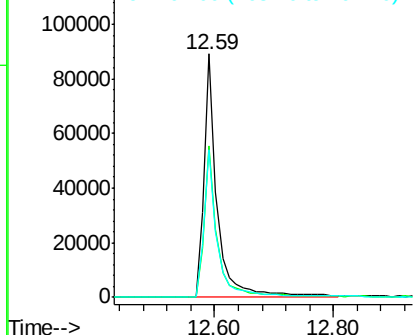
#69
 Pentachlorophenol
 Concen: 50.46 ng
 RT: 12.59 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:266 Resp: 142488
 Ion Ratio Lower Upper
 266 100
 268 62.4 50.2 75.2
 264 60.8 51.4 77.2

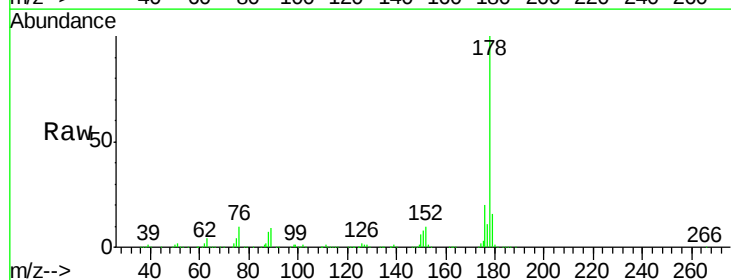


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

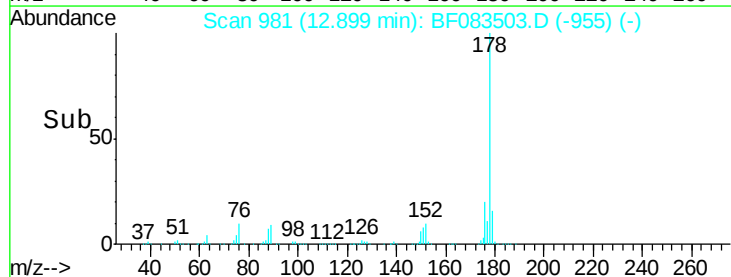
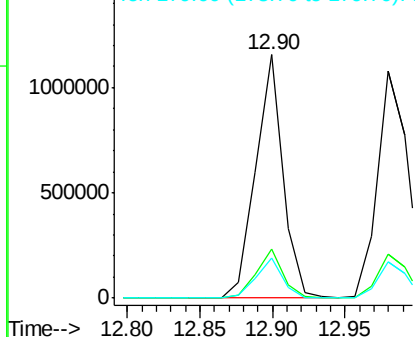


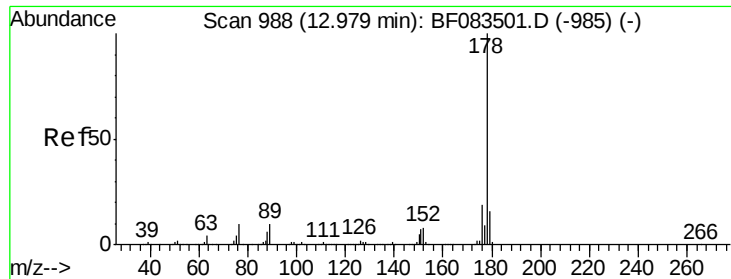
#70
 Phenanthrene
 Concen: 54.99 ng
 RT: 12.90 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Tgt Ion:178 Resp: 1507378
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.7 23.5
 179 16.3 12.2 18.4



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

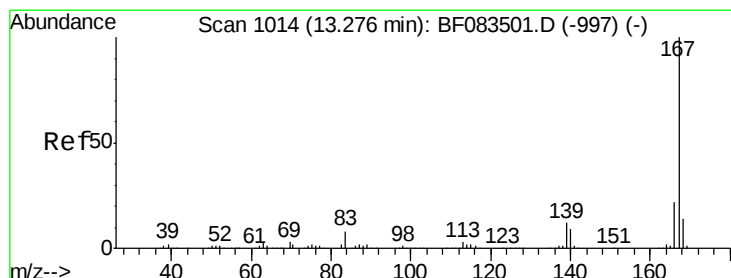
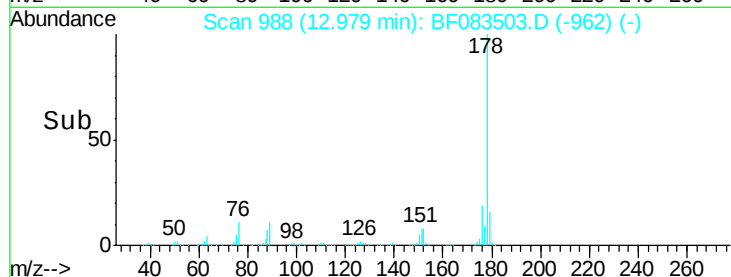
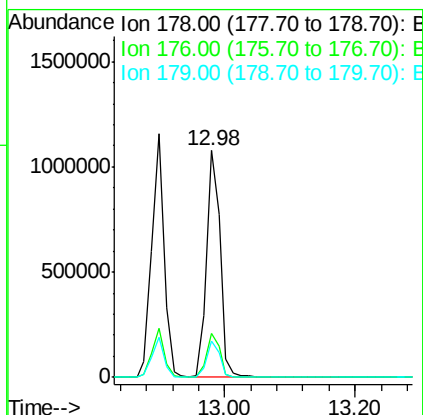
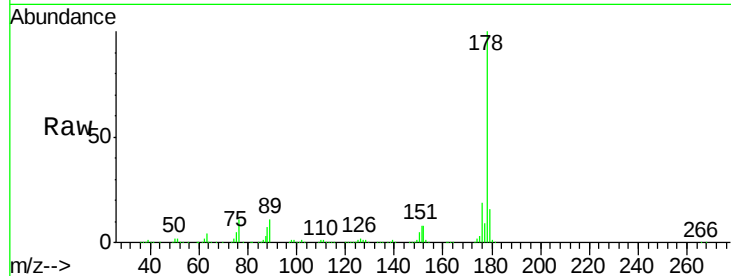




#71
 Anthracene
 Concen: 56.67 ng
 RT: 12.98 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

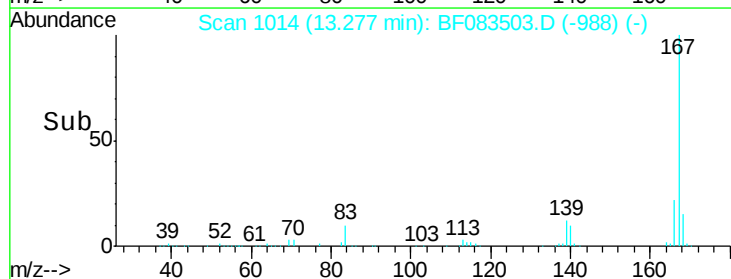
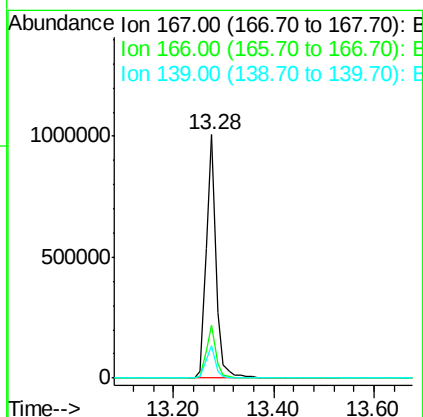
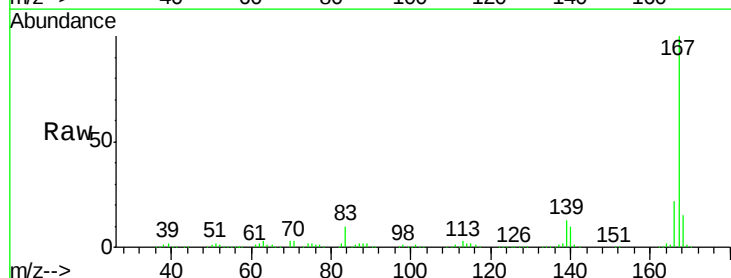
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

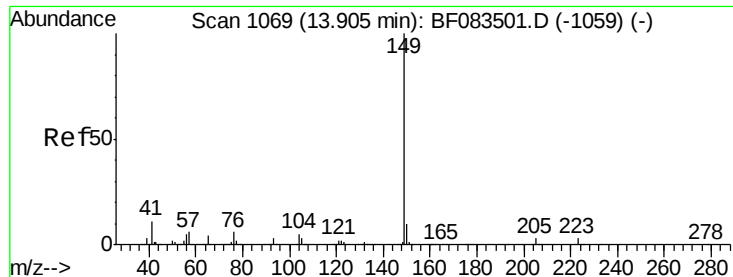
Tgt Ion:178 Resp: 1569444
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.2 22.8
 179 16.1 12.6 18.8



#72
 Carbazole
 Concen: 54.91 ng
 RT: 13.28 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Tgt Ion:167 Resp: 1359013
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 13.1 9.3 13.9

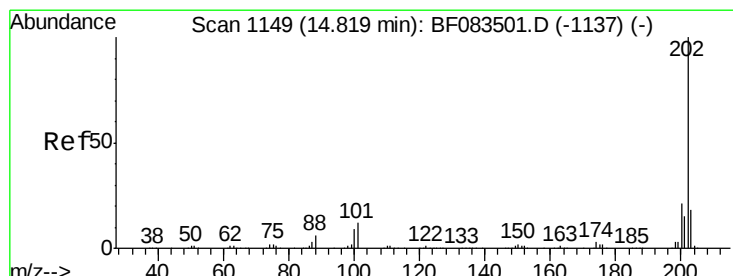
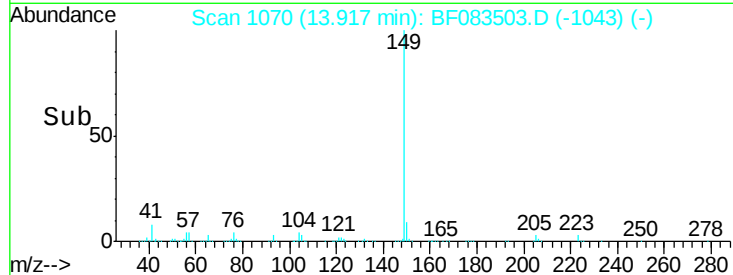
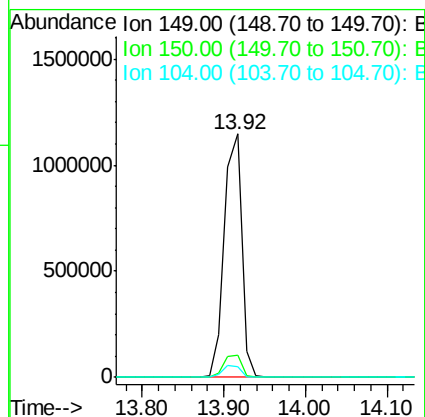
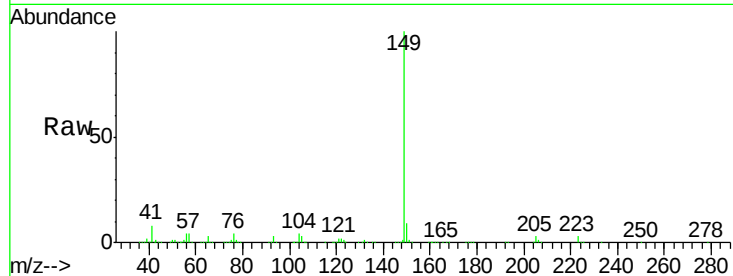




#73
Di-n-butylphthalate
Concen: 57.70 ng
RT: 13.92 min Scan# 1070
Delta R.T. 0.01 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

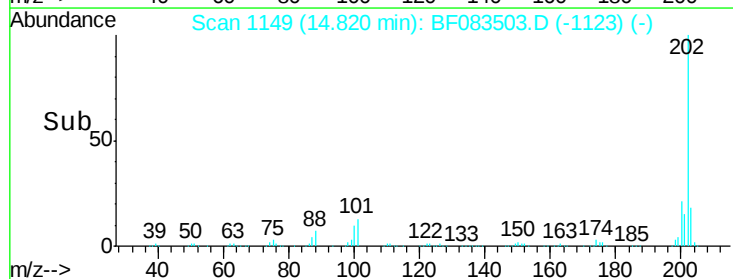
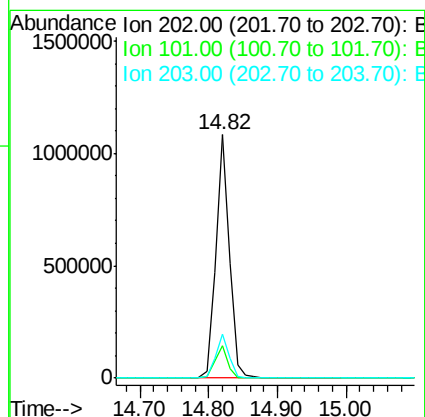
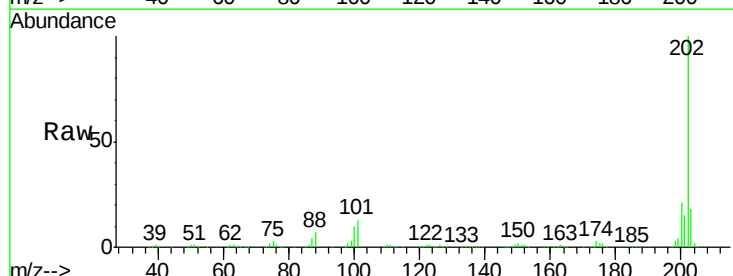
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

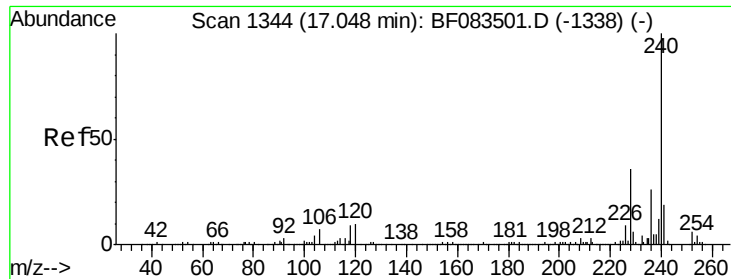
Tgt Ion:149 Resp: 1702815
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 4.4 3.9 5.9



#74
Fluoranthene
Concen: 52.89 ng
RT: 14.82 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion:202 Resp: 1499319
Ion Ratio Lower Upper
202 100
101 13.1 0.0 31.5
203 18.1 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.05 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

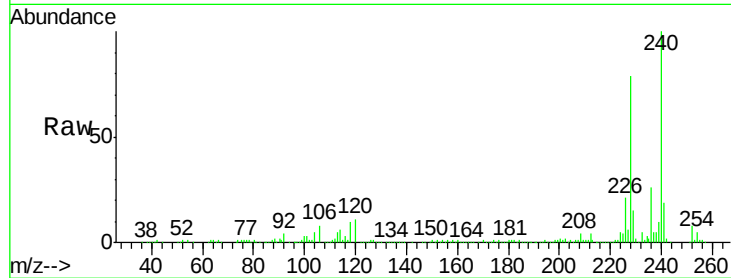
Tgt Ion:240 Resp: 352767

Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

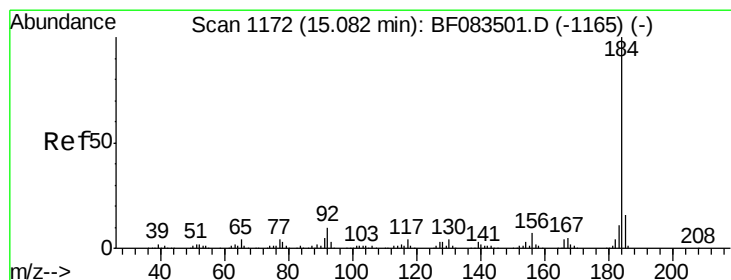
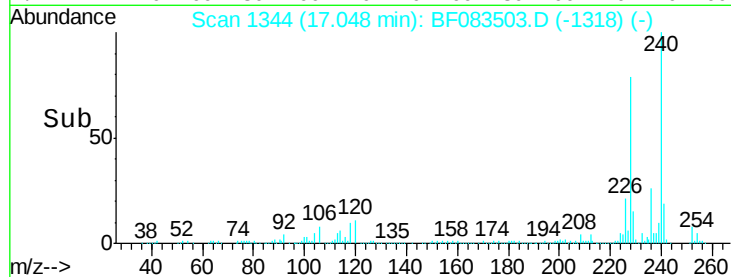
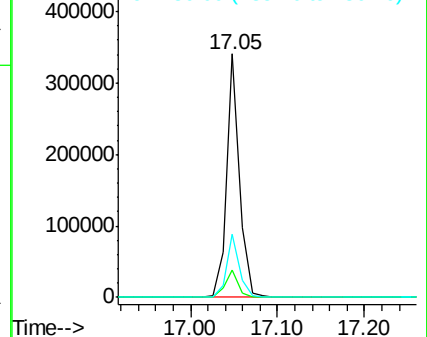
236 25.7 20.8 31.2



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: 69.59 ng

RT: 15.08 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

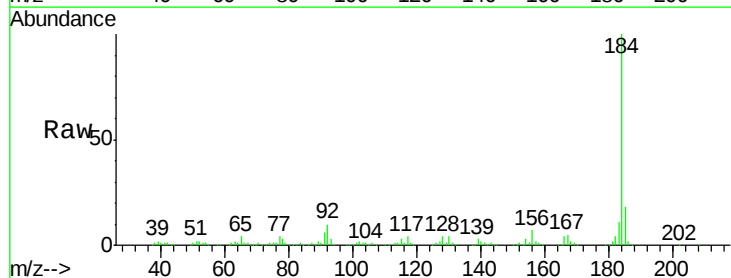
Tgt Ion:184 Resp: 760104

Ion Ratio Lower Upper

184 100

185 18.2 13.0 19.6

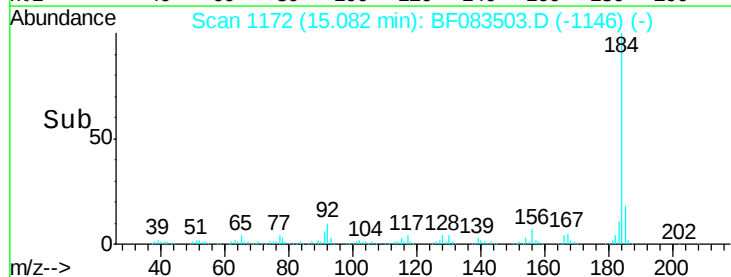
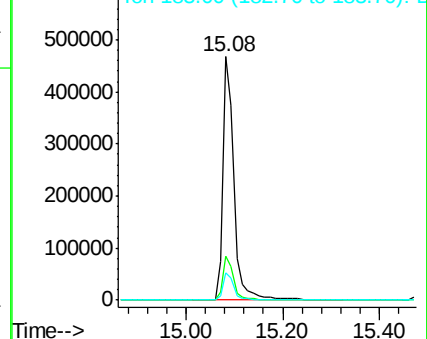
183 11.1 9.0 13.4

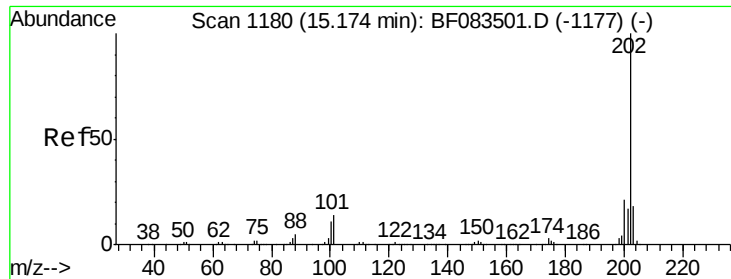


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

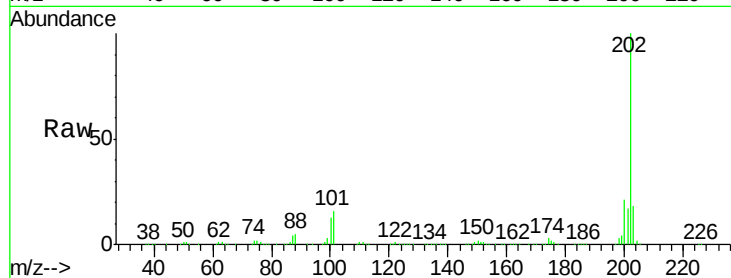




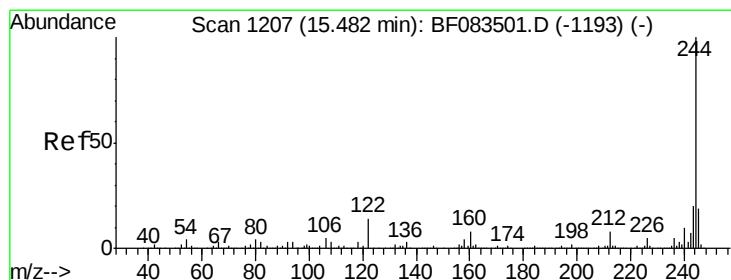
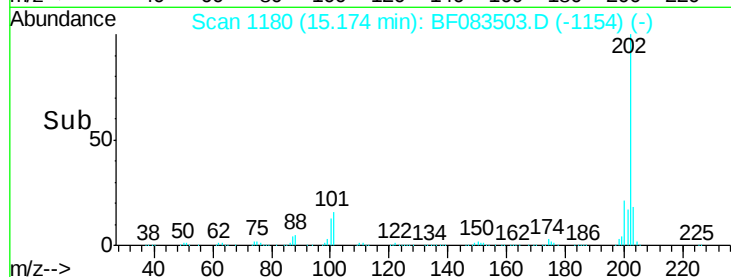
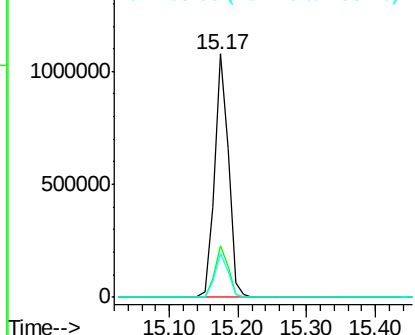
#77
 Pyrene
 Concen: 61.37 ng
 RT: 15.17 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion: 202 Resp: 1541250
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.7 25.1
 203 18.1 14.3 21.5

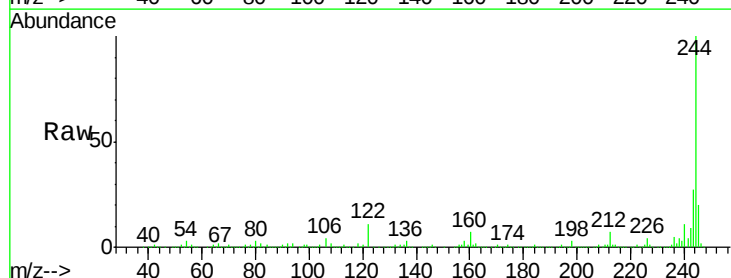


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

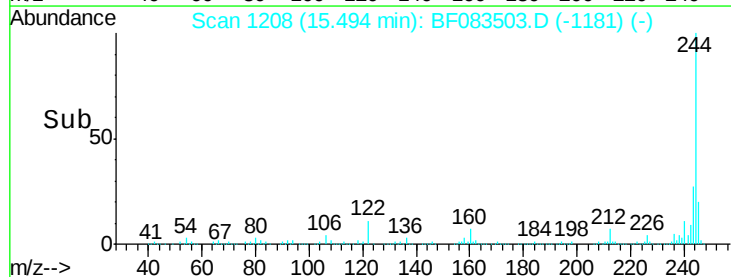
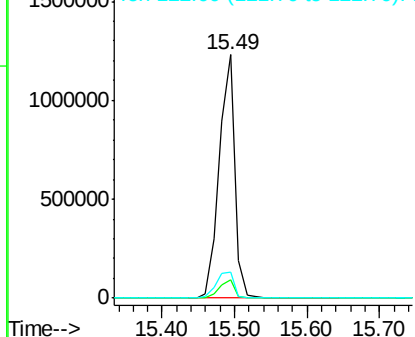


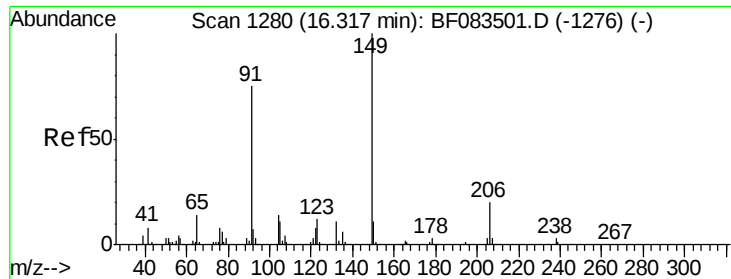
#78
 Terphenyl-d14
 Concen: 120.73 ng
 RT: 15.49 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Tgt Ion: 244 Resp: 1828741
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 10.9 11.0 16.6#



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

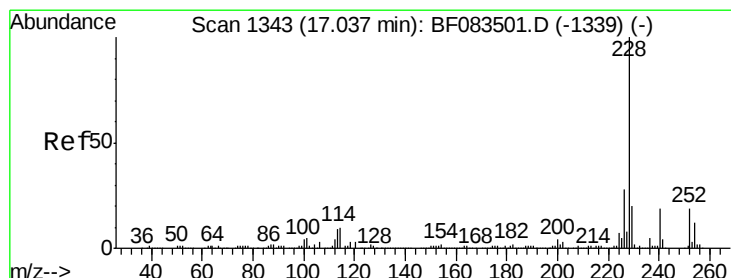
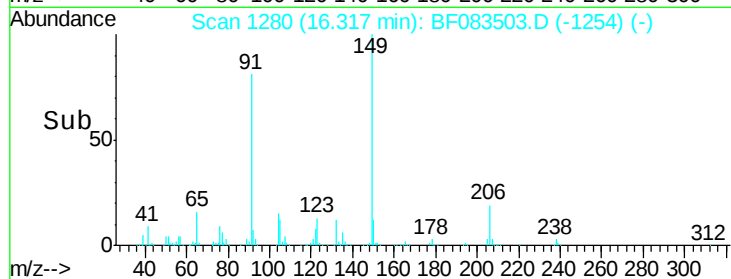
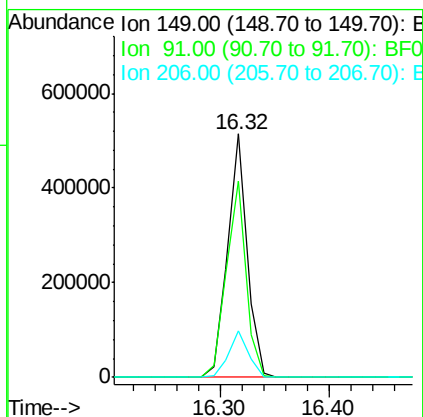
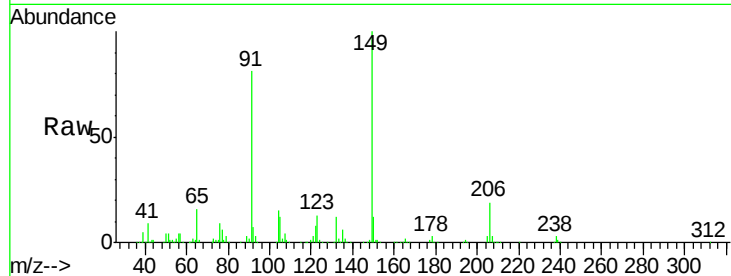




#79
Butylbenzylphthalate
Concen: 59.93 ng
RT: 16.32 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

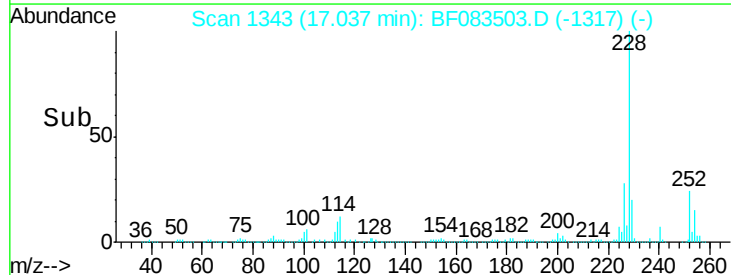
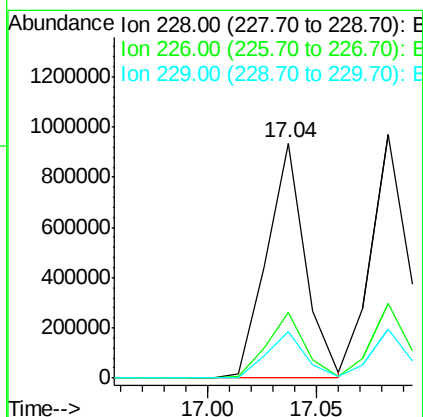
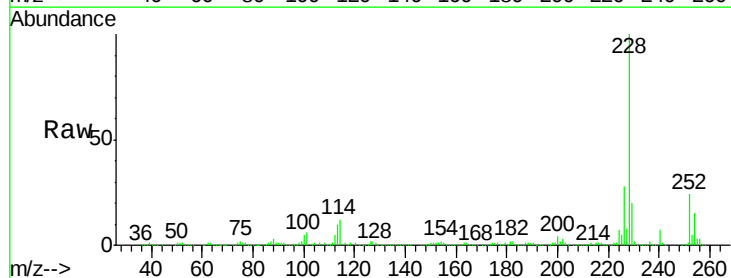
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

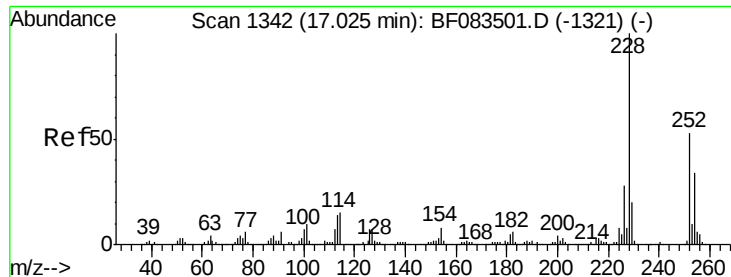
Tgt Ion:149 Resp: 637451
Ion Ratio Lower Upper
149 100
91 80.8 60.0 90.0
206 19.2 16.2 24.4



#80
Benzo(a)anthracene
Concen: 53.42 ng
RT: 17.04 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF083503.D
Acq: 5 Dec 2015 1:54

Tgt Ion:228 Resp: 1154685
Ion Ratio Lower Upper
228 100
226 28.3 22.3 33.5
229 20.0 15.7 23.5

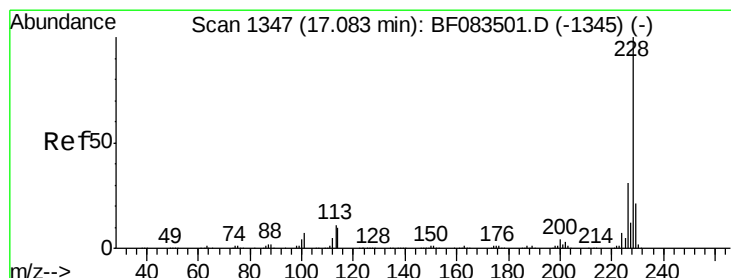
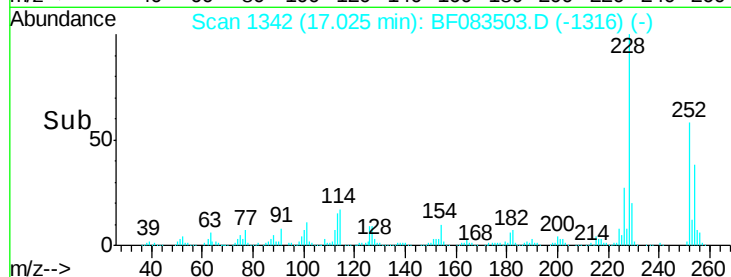
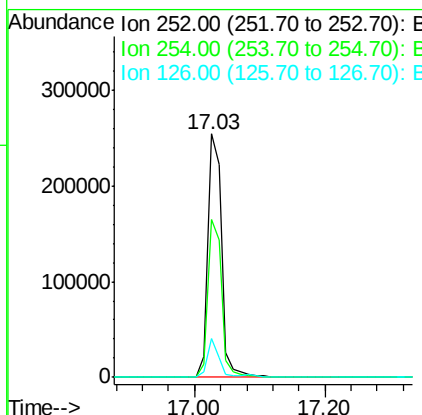
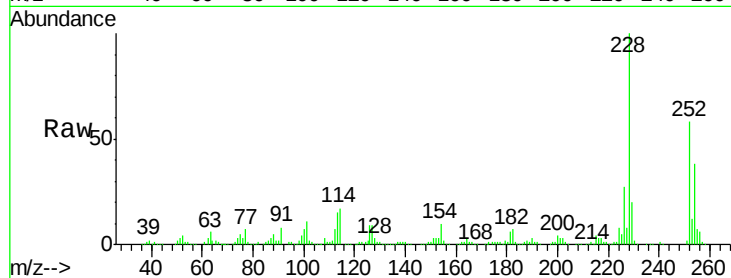




#81
 3,3'-Dichlorobenzidine
 Concen: 55.68 ng
 RT: 17.03 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

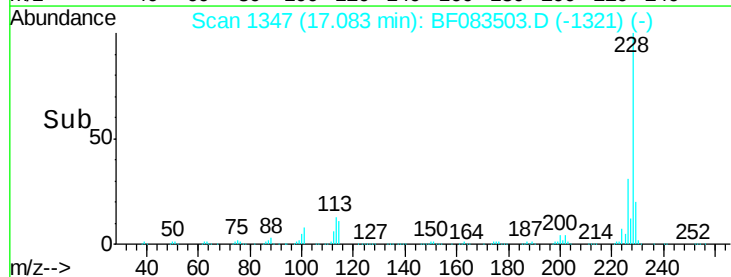
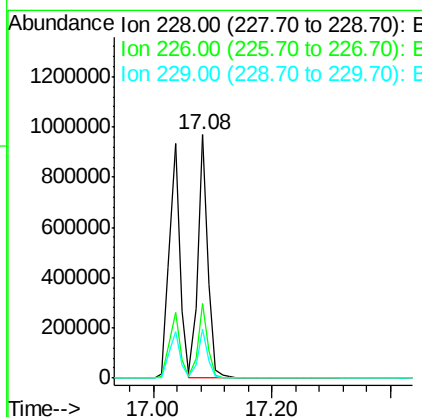
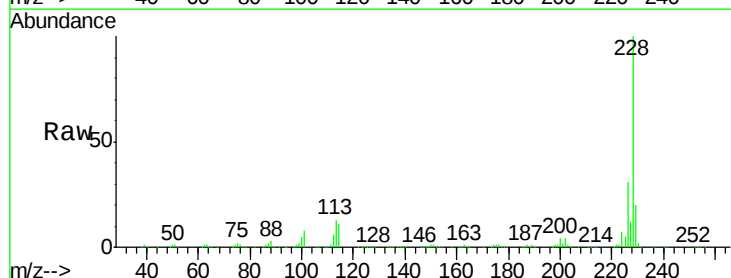
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

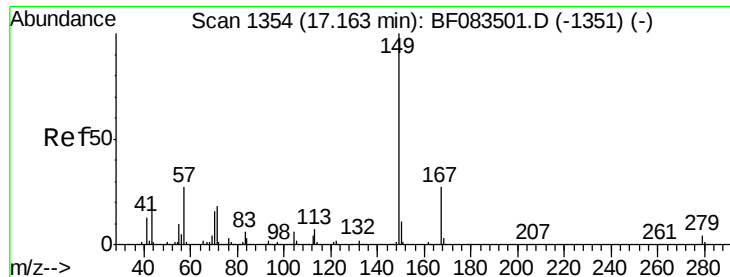
Tgt Ion: 252 Resp: 378031
 Ion Ratio Lower Upper
 252 100
 254 65.0 50.6 76.0
 126 15.9 11.0 16.4



#82
 Chrysene
 Concen: 54.96 ng
 RT: 17.08 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Tgt Ion: 228 Resp: 1156935
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.7 37.1
 229 19.9 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 58.22 ng

RT: 17.16 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

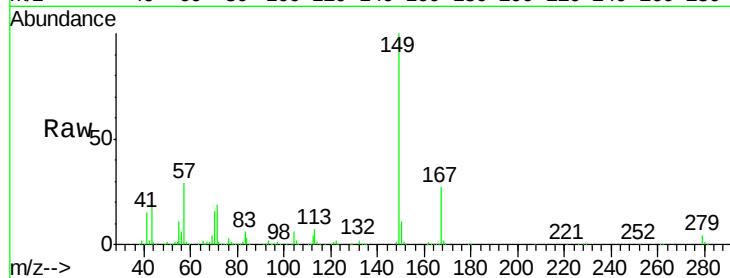
Tgt Ion:149 Resp: 826912

Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.8

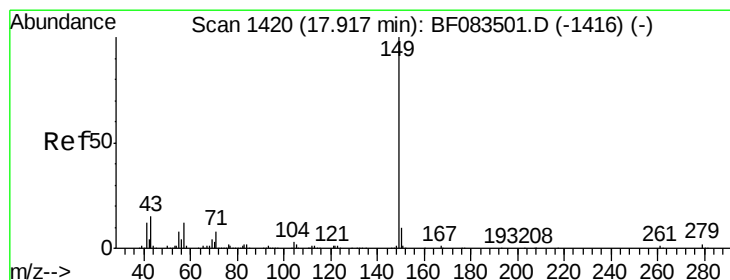
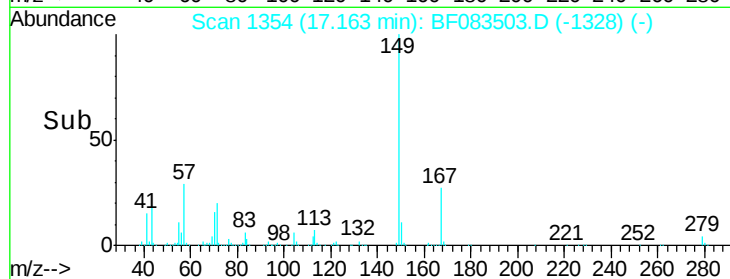
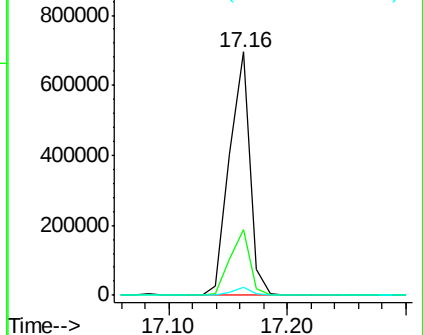
279 3.5 3.0 4.4



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: 58.68 ng

RT: 17.92 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

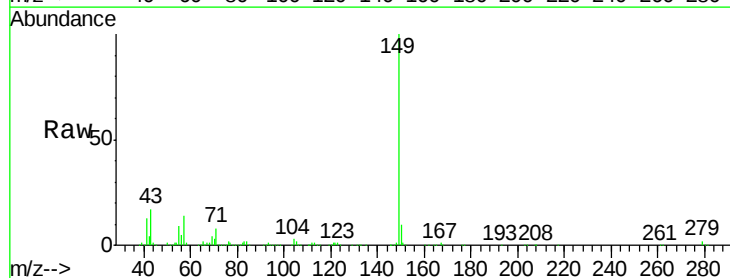
Tgt Ion:149 Resp: 1218416

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

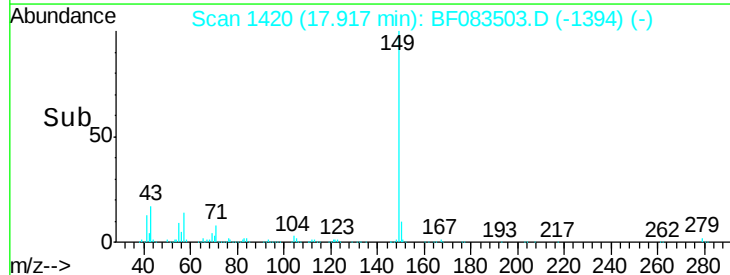
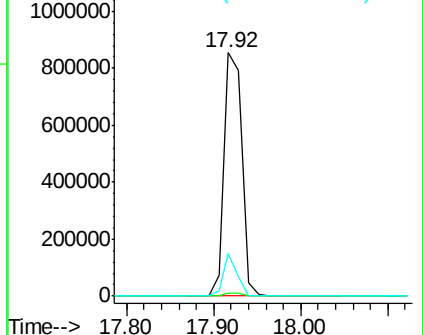
43 13.8 0.0 0.0#

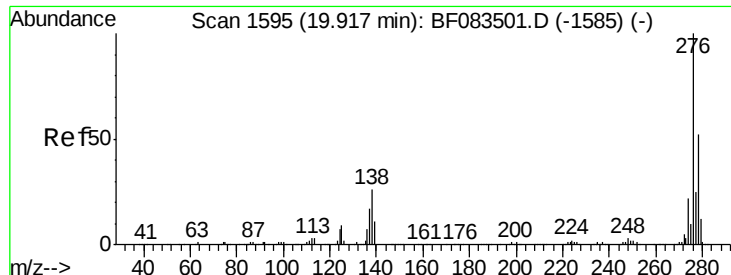


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

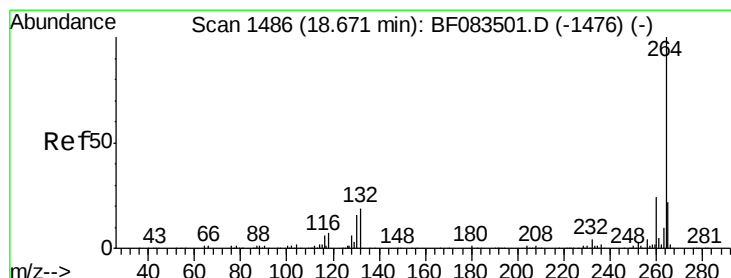
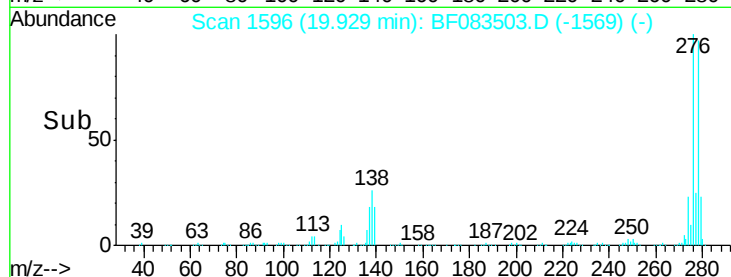
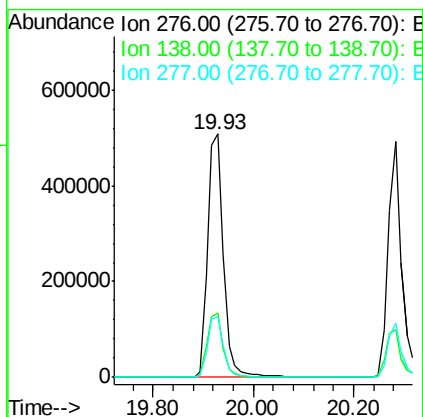
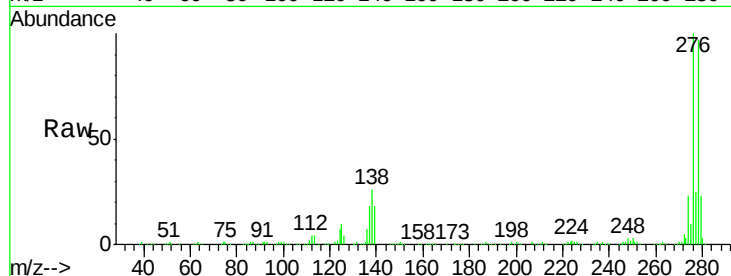




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 70.67 ng
 RT: 19.93 min Scan# 1596
 Delta R.T. 0.01 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

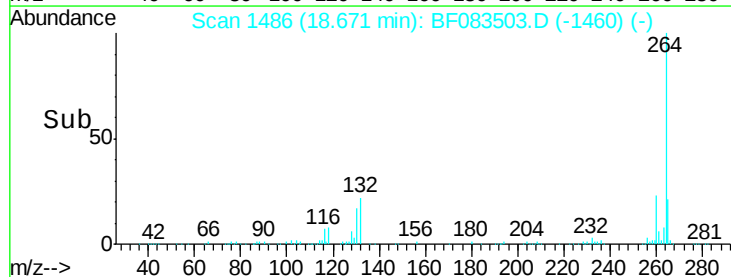
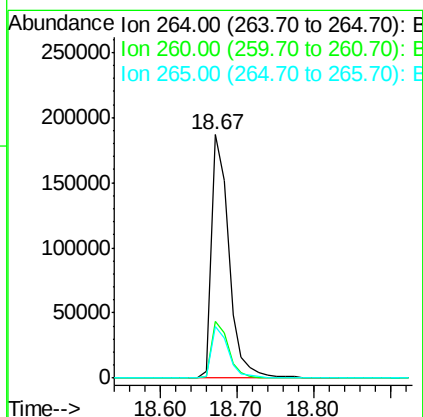
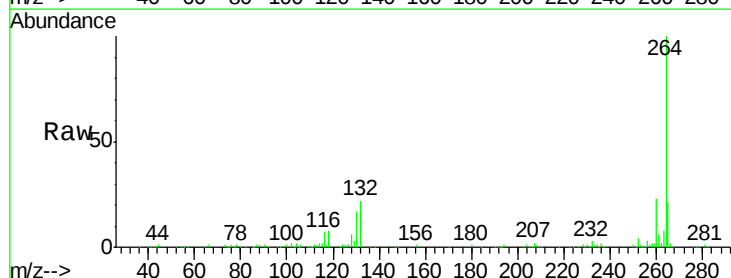
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

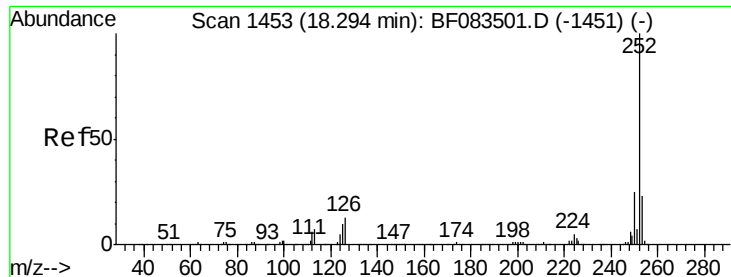
Tgt Ion:276 Resp: 1108597
 Ion Ratio Lower Upper
 276 100
 138 26.5 0.0 0.0#
 277 25.0 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.67 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF083503.D
 Acq: 5 Dec 2015 1:54

Tgt Ion:264 Resp: 295377
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.0
 265 21.1 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 100.28 ng

RT: 18.29 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

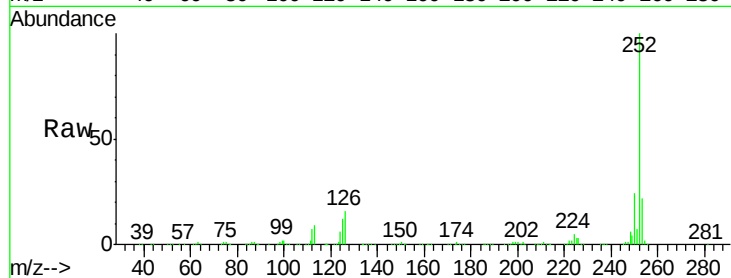
Tgt Ion:252 Resp: 1880196

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

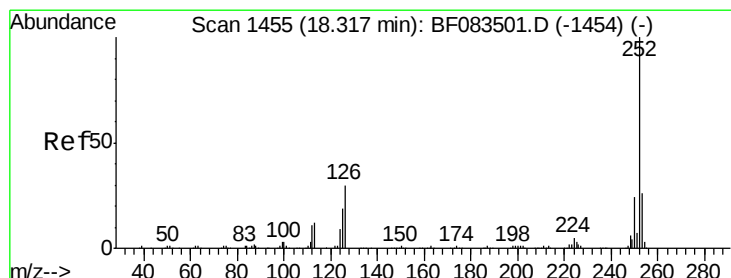
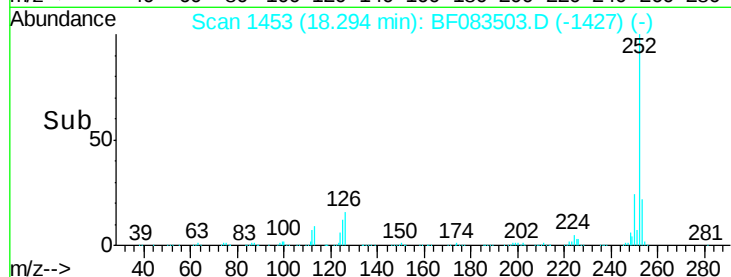
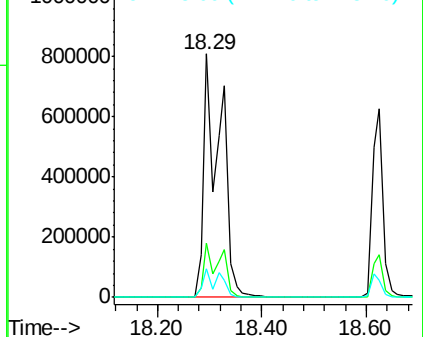
125 11.9 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 104.97 ng

RT: 18.29 min Scan# 1453

Delta R.T. -0.02 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

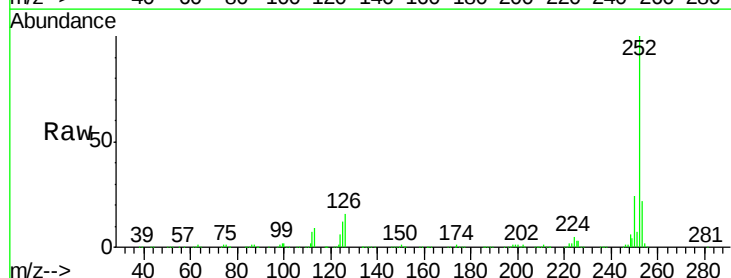
Tgt Ion:252 Resp: 1880585

Ion Ratio Lower Upper

252 100

253 22.2 18.6 27.8

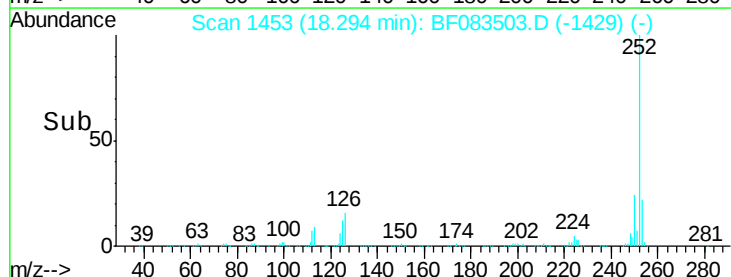
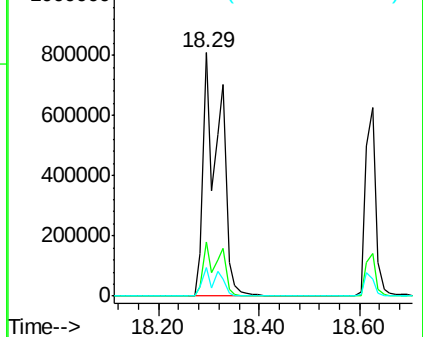
125 11.9 11.5 17.3

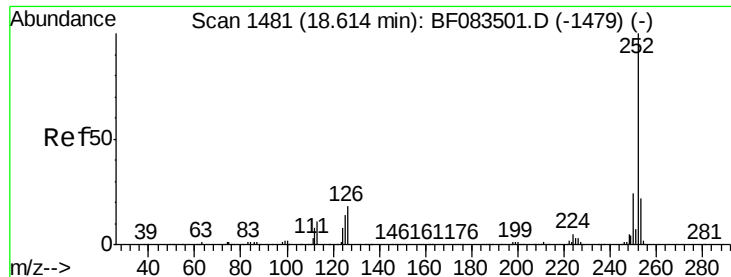


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 54.81 ng

RT: 18.63 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

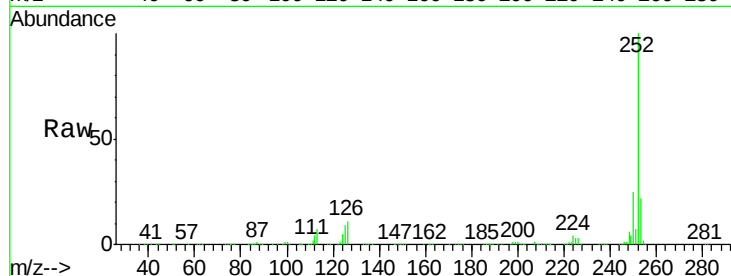
Tgt Ion:252 Resp: 896570

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

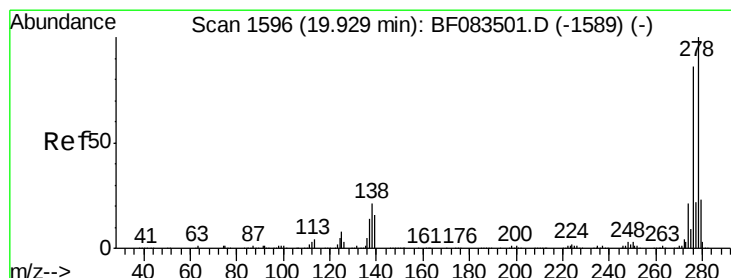
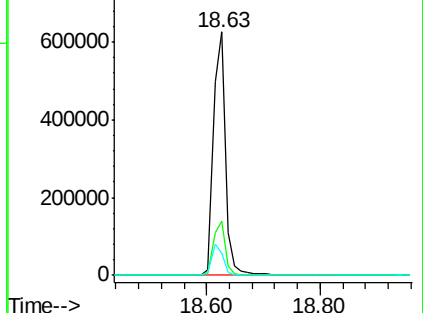
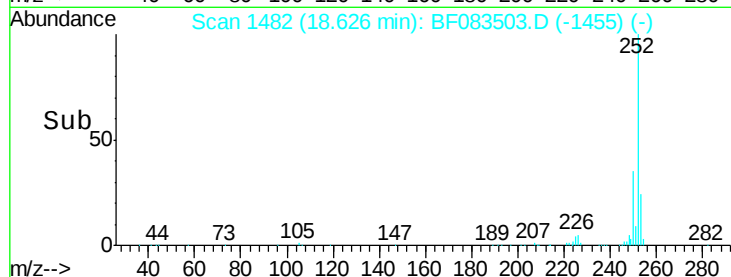
125 8.9 11.0 16.6#



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: 64.21 ng

RT: 19.93 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

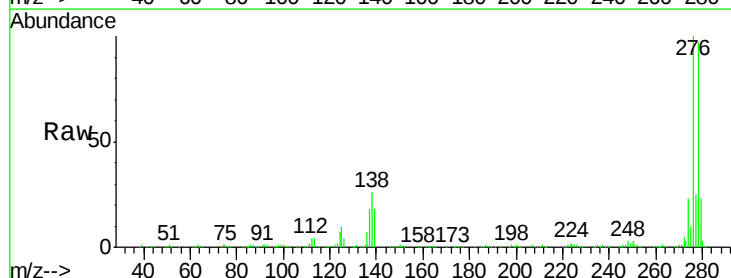
Tgt Ion:278 Resp: 936027

Ion Ratio Lower Upper

278 100

139 18.0 12.8 19.2

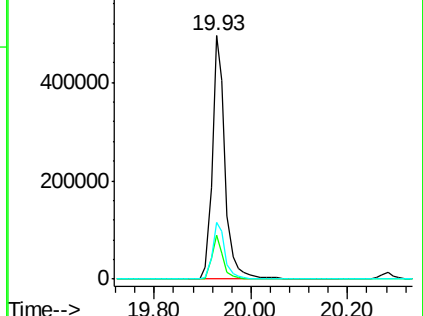
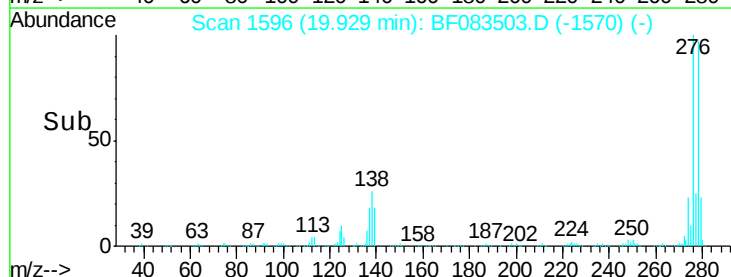
279 23.4 18.6 28.0

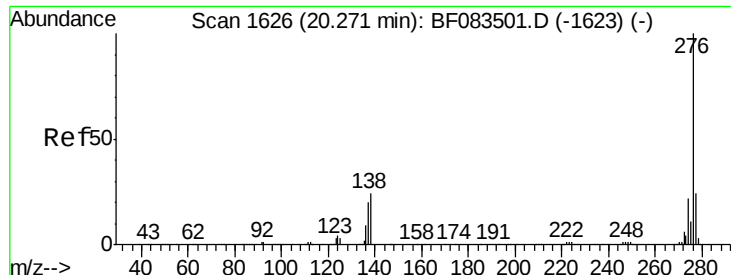


Abundance Ion 278.00 (277.70 to 278.70): E

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: 66.37 ng

RT: 20.28 min Scan# 1627

Delta R.T. 0.01 min

Lab File: BF083503.D

Acq: 5 Dec 2015 1:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

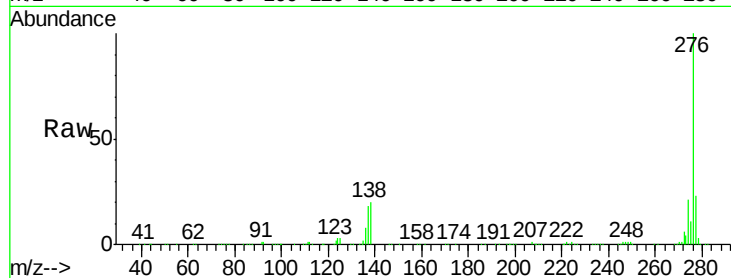
Tgt Ion: 276 Resp: 956423

Ion Ratio Lower Upper

276 100

277 23.0 19.2 28.8

138 20.1 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

