

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
 Data File : BF083882.D
 Acq On : 17 Dec 2015 18:35
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Quant Time: Dec 18 00:19:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 00:15:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	70629	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	257522	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	156247	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	293856	20.00	ng	0.00
75) Chrysene-d12	14.03	240	208796	20.00	ng	0.00
86) Perylene-d12	15.47	264	170682	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	229085	52.57	ng	-0.01
7) Phenol-d6	6.51	99	277748	50.40	ng	0.00
23) Nitrobenzene-d5	7.44	82	248503	55.21	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	83515	52.28	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	547479	50.06	ng	-0.01
78) Terphenyl-d14	12.98	244	496691	51.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	42333	20.48	ng	98
3) Pyridine	3.21	79	101492	19.60	ng	98
4) n-Nitrosodimethylamine	3.13	42	38146	19.31	ng	100
6) Aniline	6.53	93	177170	24.01	ng	# 79
8) 2-Chlorophenol	6.66	128	134519	26.76	ng	94
9) Benzaldehyde	6.42	77	77391	25.91	ng	96
10) Phenol	6.52	94	164685	26.38	ng	92
11) bis(2-Chloroethyl)ether	6.60	93	107808	22.98	ng	90
12) 1,3-Dichlorobenzene	6.82	146	138056	25.67	ng	98
13) 1,4-Dichlorobenzene	6.89	146	138622	25.54	ng	98
14) 1,2-Dichlorobenzene	7.05	146	131208	26.80	ng	97
15) Benzyl Alcohol	7.01	79	94576	24.01	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.15	45	114978	20.06	ng	98
17) 2-Methylphenol	7.13	107	91623	22.59	ng	95
18) Hexachloroethane	7.39	117	53861	27.67	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	75863	22.71	ng	# 87
20) 3+4-Methylphenols	7.29	107	119608	24.98	ng	# 87
22) Acetophenone	7.29	105	164003	26.57	ng	# 96
24) Nitrobenzene	7.46	77	130588	27.48	ng	# 88
25) Isophorone	7.70	82	211549	24.14	ng	96
26) 2-Nitrophenol	7.78	139	58657	25.28	ng	94
27) 2,4-Dimethylphenol	7.81	122	106895	24.43	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	117093	23.29	ng	99
29) 2,4-Dichlorophenol	8.02	162	96214	26.10	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	99775	26.30	ng	98
31) Naphthalene	8.18	128	356598	26.94	ng	99
32) Benzoic acid	7.92	122	36835	14.57	ng	93
33) 4-Chloroaniline	8.22	127	139229	26.22	ng	97
34) Hexachlorobutadiene	8.30	225	61897	29.09	ng	98
35) Caprolactam	8.59	113	30801	26.41	ng	# 76
36) 4-Chloro-3-methylphenol	8.72	107	119043	27.94	ng	91
37) 2-Methylnaphthalene	8.88	142	266059	31.83	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	113770	24.95	ng	100
40) Hexachlorocyclopentadiene	9.02	237	20001	9.47	ng	96

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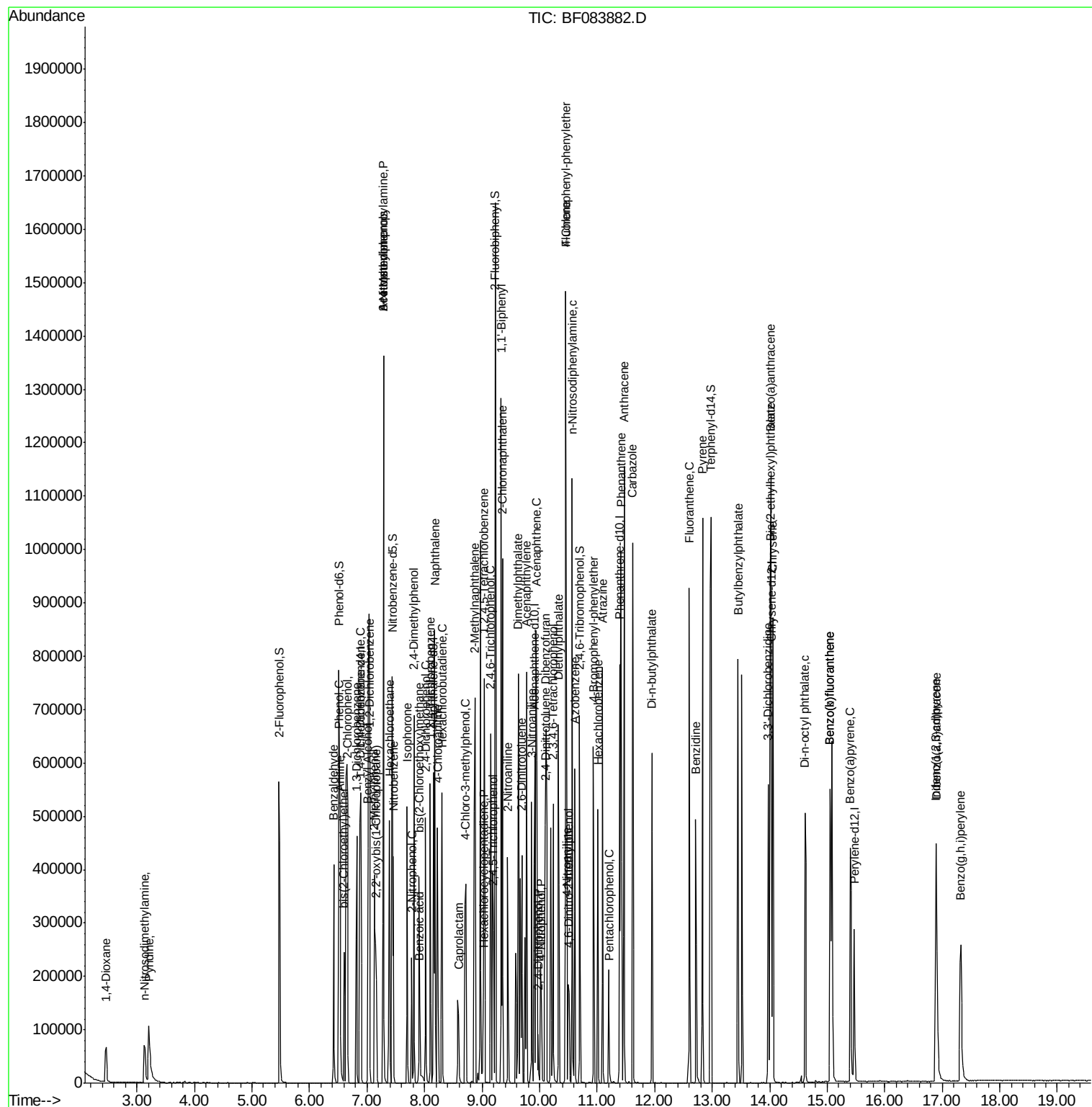
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	81765	24.76	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	78125	25.06	ng	97
45) 1,1'-Biphenyl	9.33	154	362162	26.61	ng	99
46) 2-Chloronaphthalene	9.36	162	267296	26.39	ng	98
47) 2-Nitroaniline	9.45	65	72607	25.99	ng	97
48) Acenaphthylene	9.77	152	435660	25.54	ng	99
49) Dimethylphthalate	9.63	163	307171	25.22	ng	98
50) 2,6-Dinitrotoluene	9.69	165	66765	25.68	ng	# 46
51) Acenaphthene	9.94	154	264483	25.55	ng	100
52) 3-Nitroaniline	9.86	138	74751	26.00	ng	92
53) 2,4-Dinitrophenol	9.97	184	14325	17.54	ng	98
54) Dibenzofuran	10.11	168	353561	25.80	ng	91
55) 4-Nitrophenol	10.03	139	48400	23.11	ng	80
56) 2,4-Dinitrotoluene	10.10	165	99294	29.58	ng	# 78
57) Fluorene	10.45	166	293770	26.94	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	63684	26.93	ng	89
59) Diethylphthalate	10.33	149	323111	26.35	ng	96
60) 4-Chlorophenyl-phenylether	10.45	204	142756	29.01	ng	93
61) 4-Nitroaniline	10.48	138	80357	30.66	ng	# 76
62) Azobenzene	10.61	77	287570	25.97	ng	92
64) 4,6-Dinitro-2-methylphenol	10.51	198	37500	23.02	ng	78
65) n-Nitrosodiphenylamine	10.57	169	270813	27.56	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	86458	26.42	ng	# 65
67) Hexachlorobenzene	11.01	284	94908	26.59	ng	# 91
68) Atrazine	11.09	200	87403	31.29	ng	99
69) Pentachlorophenol	11.21	266	32536	17.62	ng	99
70) Phenanthrene	11.41	178	414549	26.44	ng	98
71) Anthracene	11.47	178	446971	27.80	ng	99
72) Carbazole	11.62	167	403415	27.16	ng	99
73) Di-n-butylphthalate	11.95	149	457938	24.65	ng	# 98
74) Fluoranthene	12.60	202	360858	22.68	ng	98
76) Benzidine	12.72	184	221822	34.93	ng	99
77) Pyrene	12.83	202	394890	25.08	ng	100
79) Butylbenzylphthalate	13.45	149	174483	25.79	ng	97
80) Benzo(a)anthracene	14.02	228	315846	27.08	ng	100
81) 3,3'-Dichlorobenzidine	13.97	252	109630	25.98	ng	# 97
82) Chrysene	14.05	228	288766	25.45	ng	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	223972	28.20	ng	99
84) Di-n-octyl phthalate	14.61	149	360369	28.14	ng	99
85) Indeno(1,2,3-cd)pyrene	16.89	276	253244	23.02	ng	99
87) Benzo(b)fluoranthene	15.05	252	323436	29.68	ng	# 95
88) Benzo(k)fluoranthene	15.05	252	323436	33.91	ng	98
89) Benzo(a)pyrene	15.40	252	254075	26.43	ng	# 94
90) Dibenzo(a,h)anthracene	16.90	278	212899	23.12	ng	98
91) Benzo(g,h,i)perylene	17.32	276	228904	24.37	ng	99

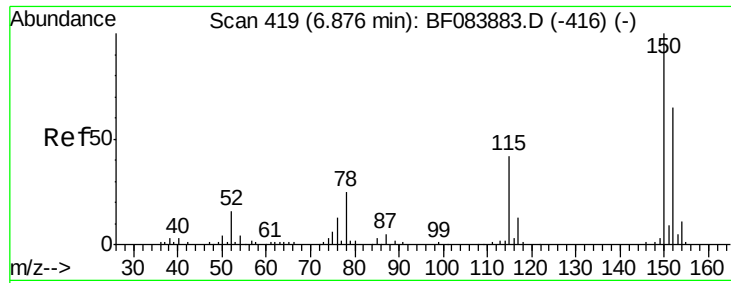
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

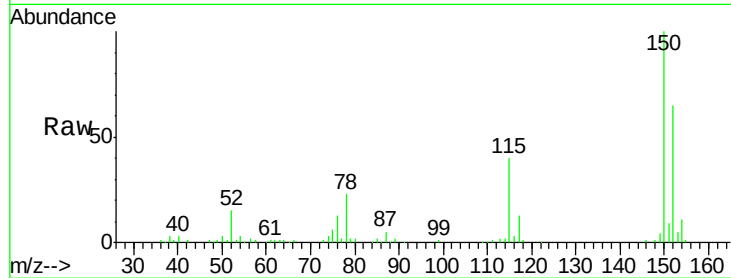
Tgt Ion:152 Resp: 70629

Ion Ratio Lower Upper

152 100

150 154.9 123.0 184.4

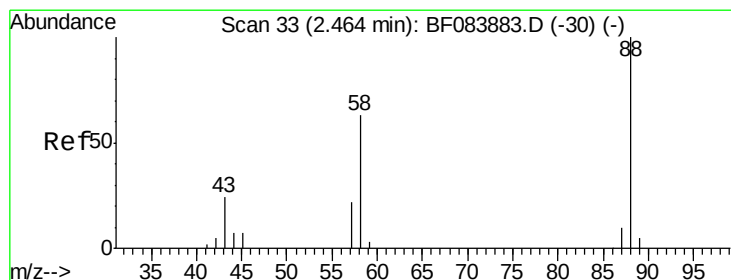
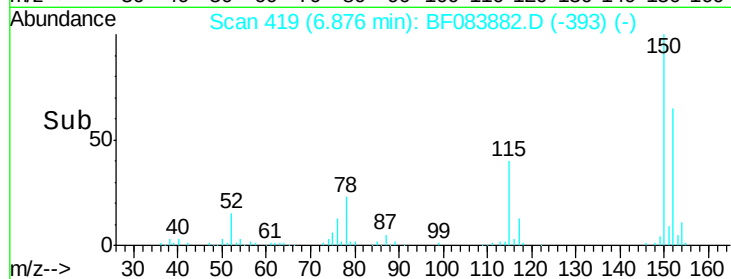
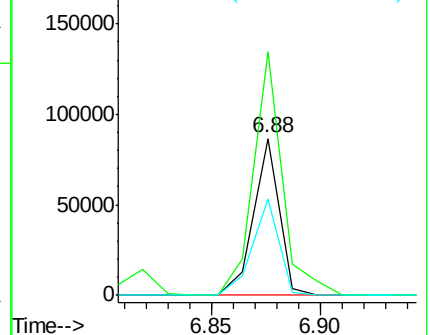
115 61.6 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 20.48 ng

RT: 2.46 min Scan# 33

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

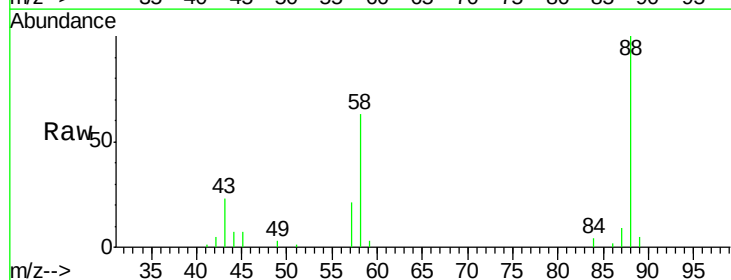
Tgt Ion: 88 Resp: 42333

Ion Ratio Lower Upper

88 100

58 65.3 51.2 76.8

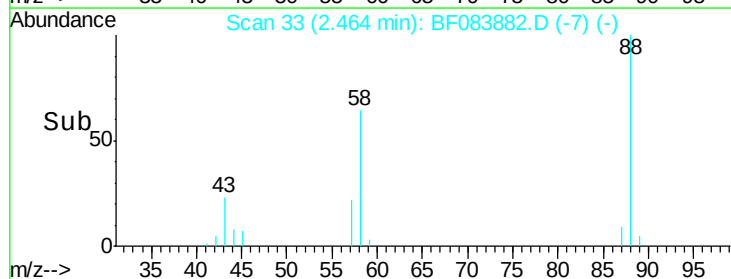
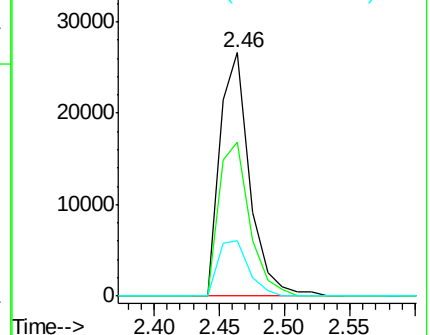
43 23.4 19.5 29.3

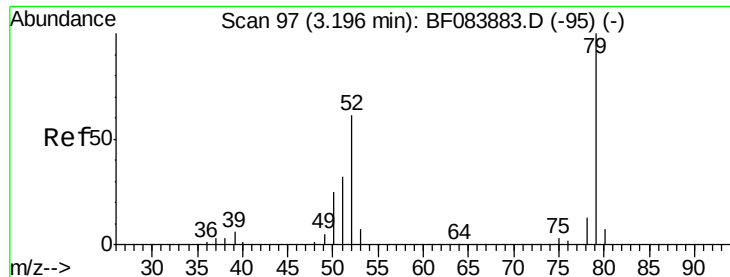


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 19.60 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.01 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

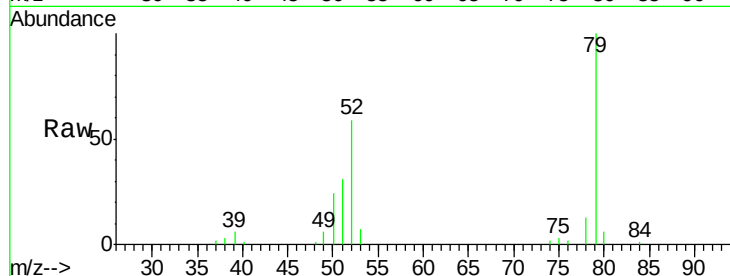
Tgt Ion: 79 Resp: 101492

Ion Ratio Lower Upper

79 100

52 59.2 49.0 73.4

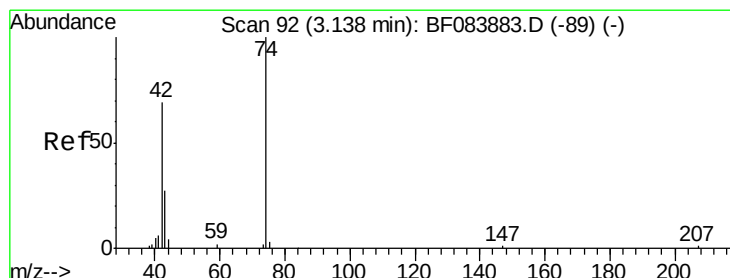
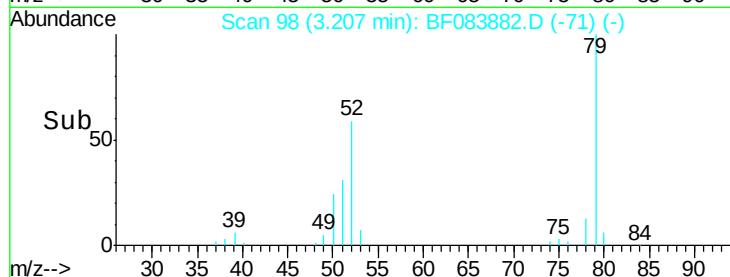
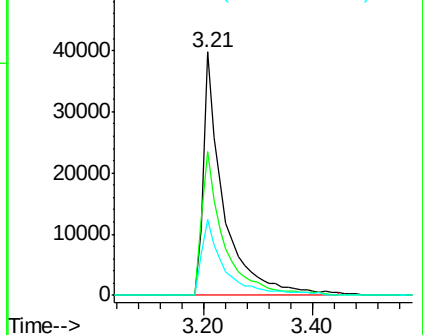
51 31.4 25.2 37.8



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: 19.31 ng

RT: 3.13 min Scan# 91

Delta R.T. -0.01 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

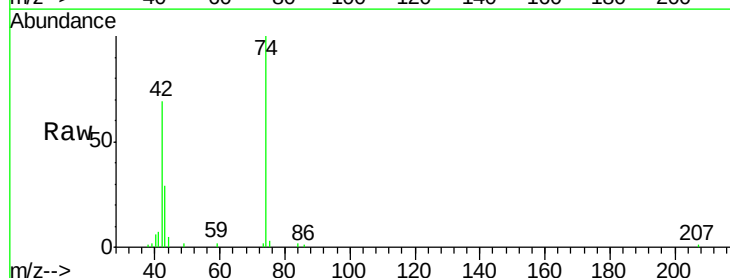
Tgt Ion: 42 Resp: 38146

Ion Ratio Lower Upper

42 100

74 144.1 115.7 173.5

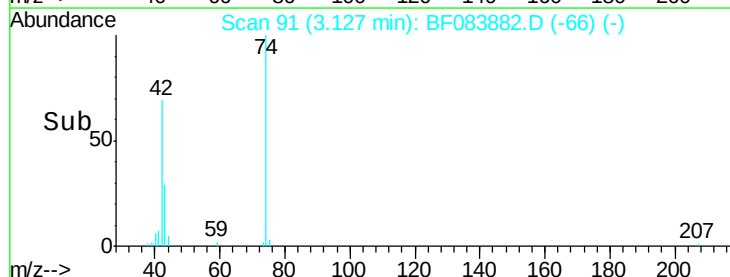
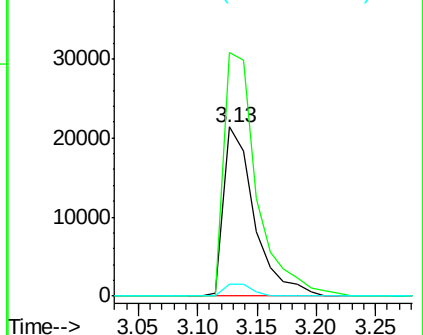
44 6.9 5.1 7.7

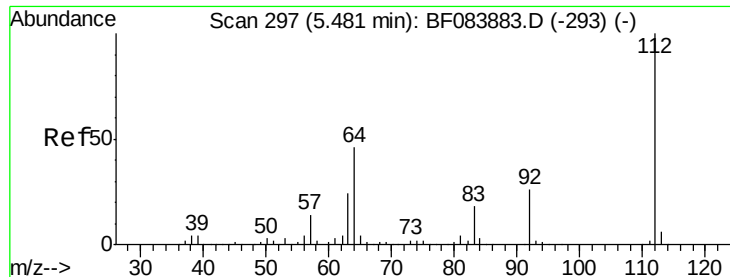


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 52.57 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

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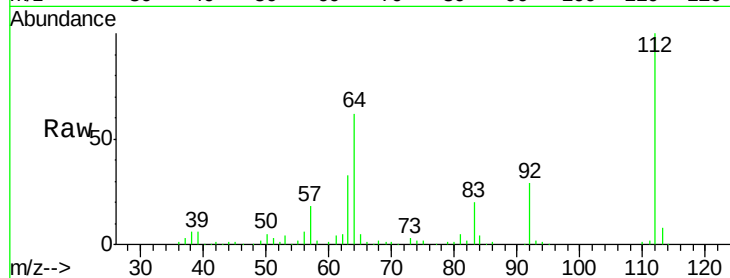
Tgt Ion: 112 Resp: 229085

Ion Ratio Lower Upper

112 100

64 62.3 36.6 55.0#

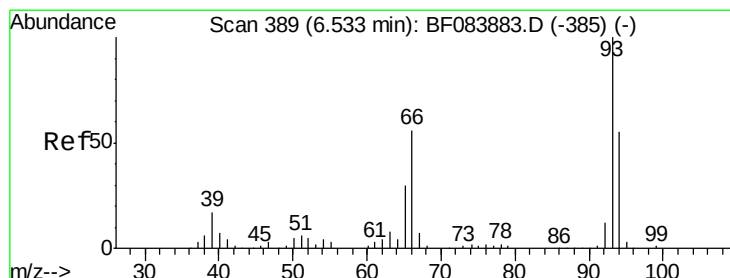
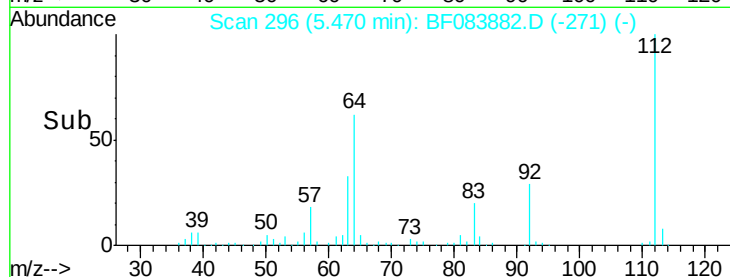
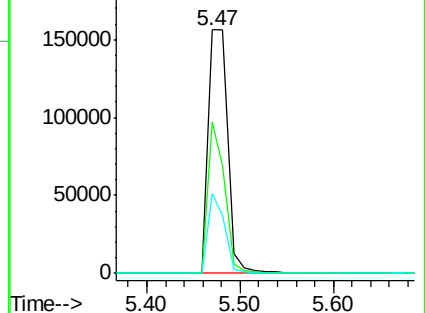
63 32.5 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.01 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

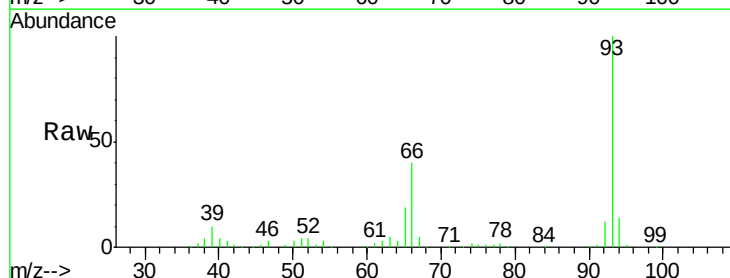
Tgt Ion: 93 Resp: 177170

Ion Ratio Lower Upper

93 100

66 40.4 44.9 67.3#

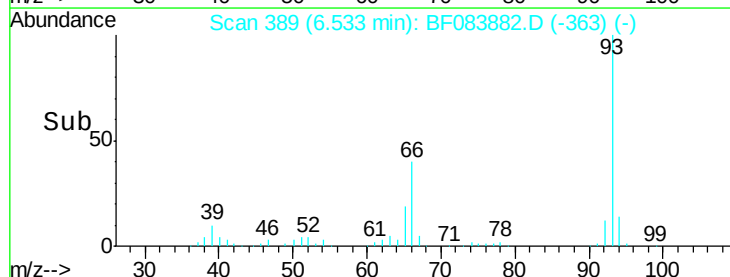
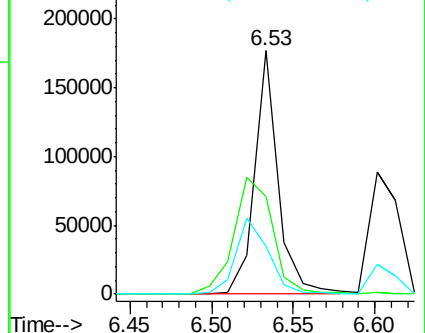
65 19.4 23.7 35.5#

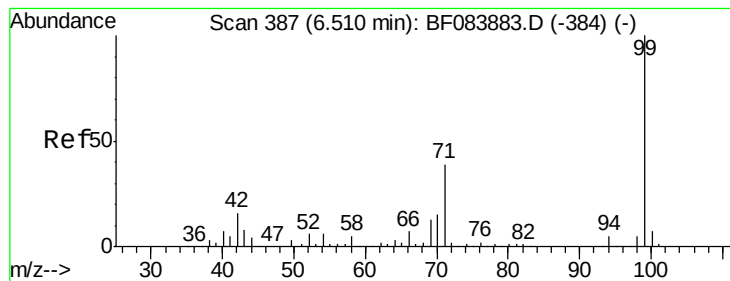


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 50.40 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

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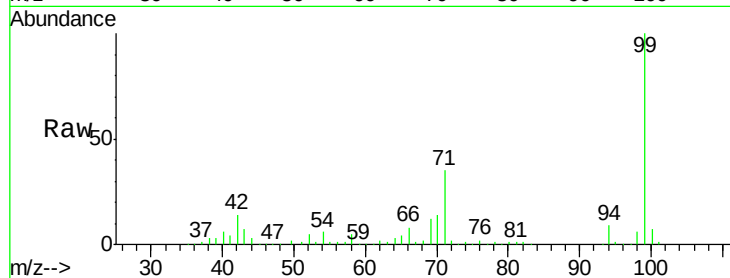
Tgt Ion: 99 Resp: 277748

Ion Ratio Lower Upper

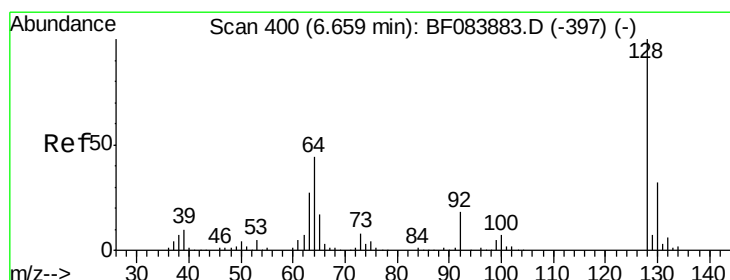
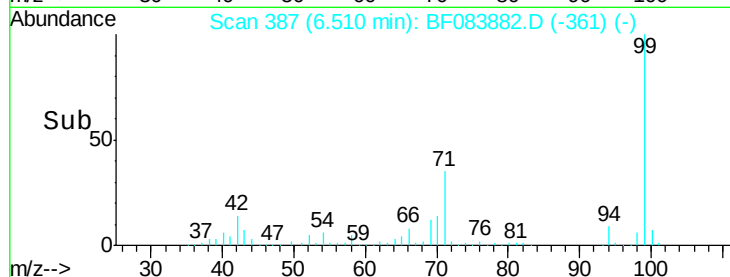
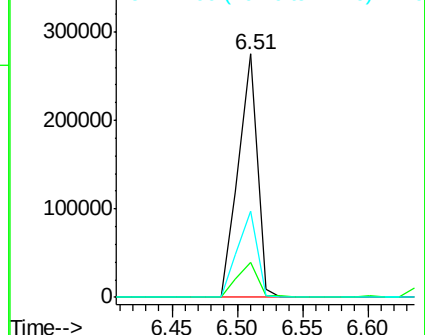
99 100

42 14.1 12.8 19.2

71 35.2 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 26.76 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

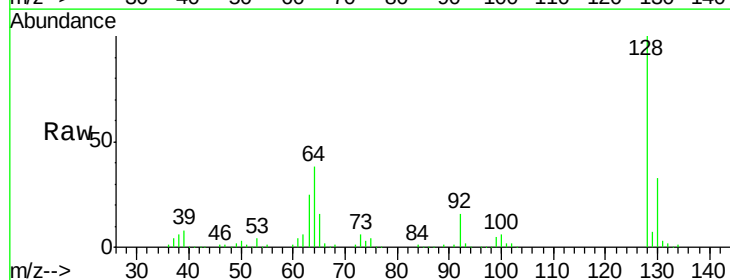
Tgt Ion: 128 Resp: 134519

Ion Ratio Lower Upper

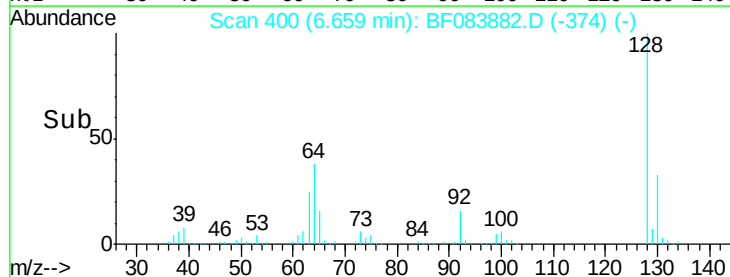
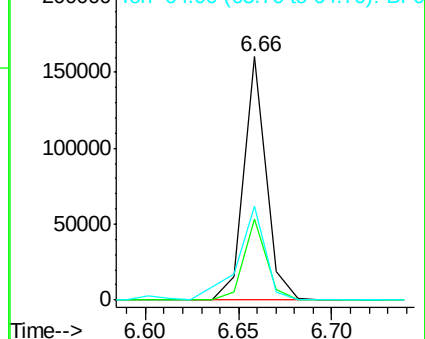
128 100

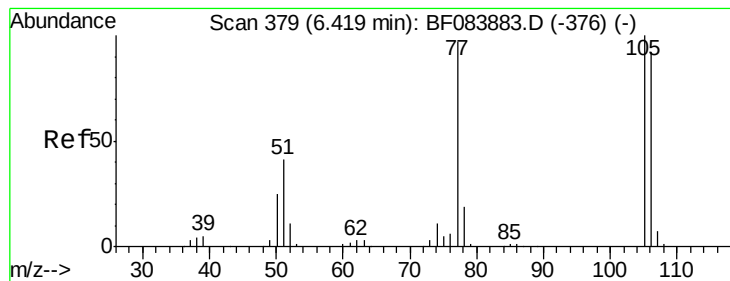
130 33.1 11.6 51.6

64 38.4 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.91 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

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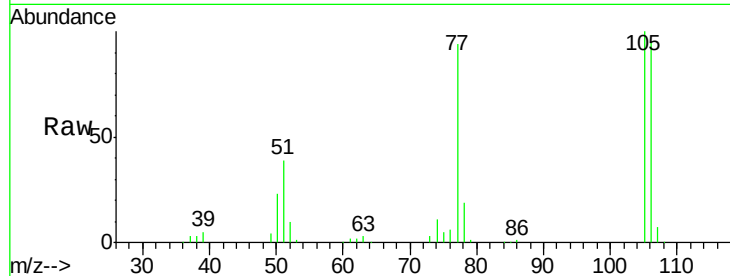
Tgt Ion: 77 Resp: 77391

Ion Ratio Lower Upper

77 100

105 106.1 83.0 123.0

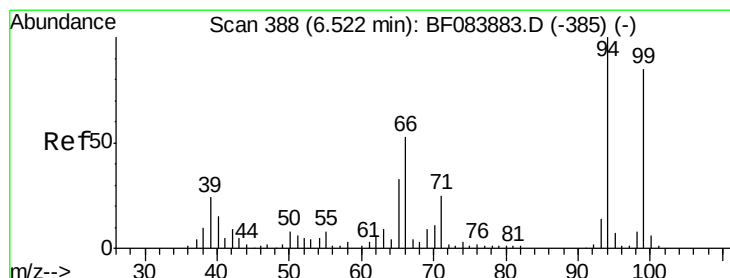
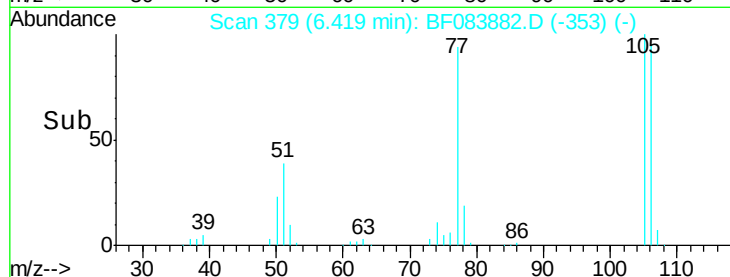
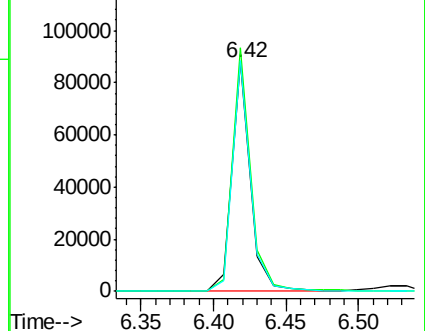
106 100.4 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 26.38 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

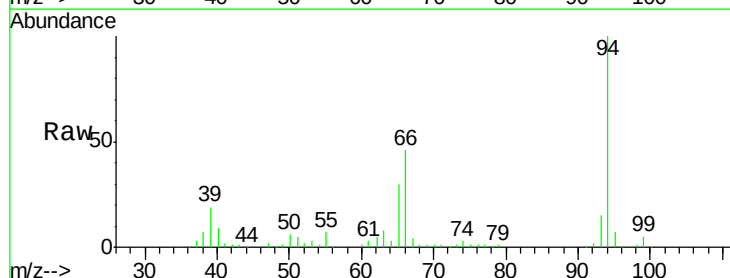
Tgt Ion: 94 Resp: 164685

Ion Ratio Lower Upper

94 100

65 29.6 12.9 52.9

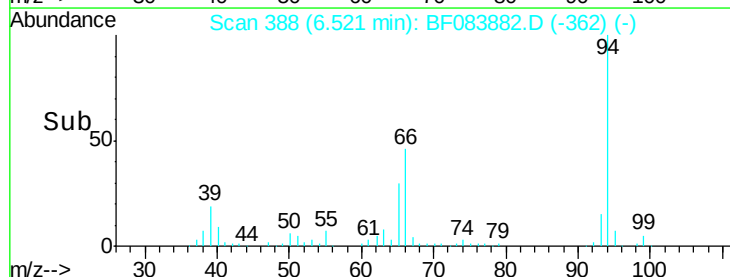
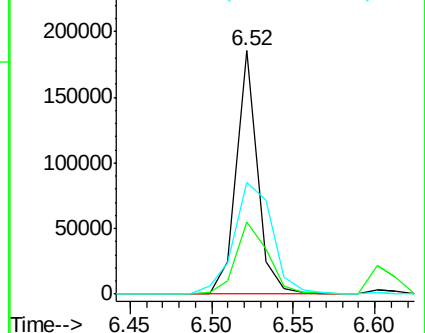
66 46.0 32.7 72.7

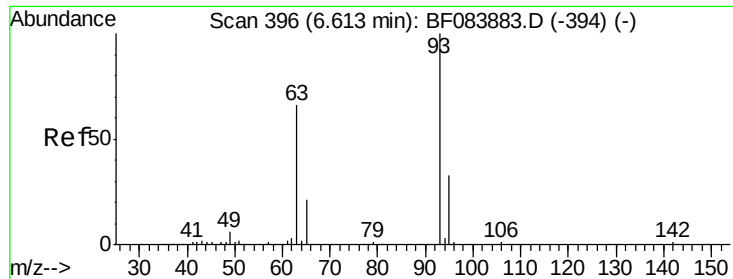


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

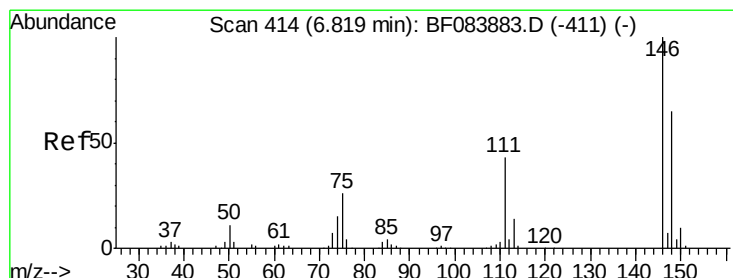
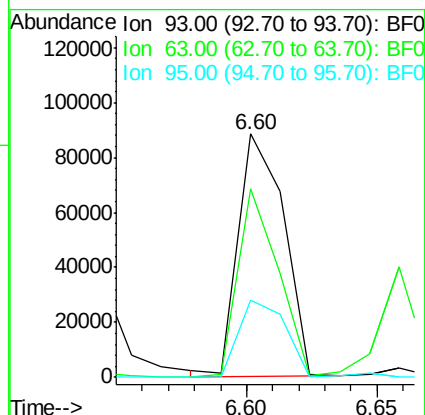
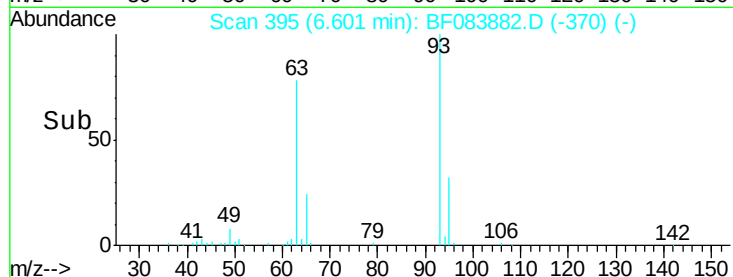
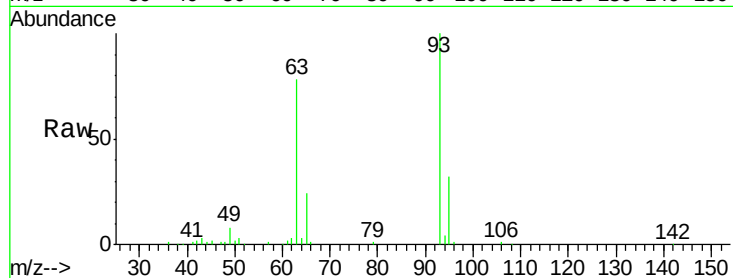




#11
bis(2-Chloroethyl)ether
Concen: 22.98 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF083882.D
Acq: 17 Dec 2015 18:35

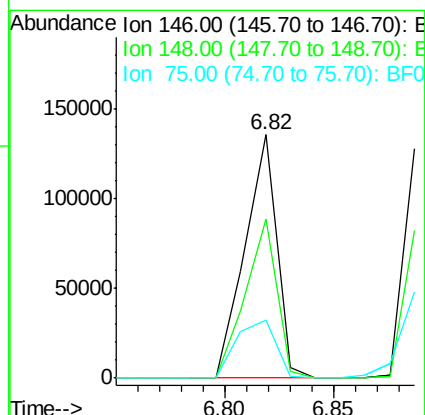
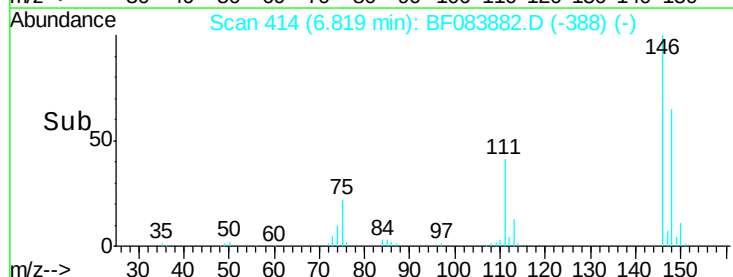
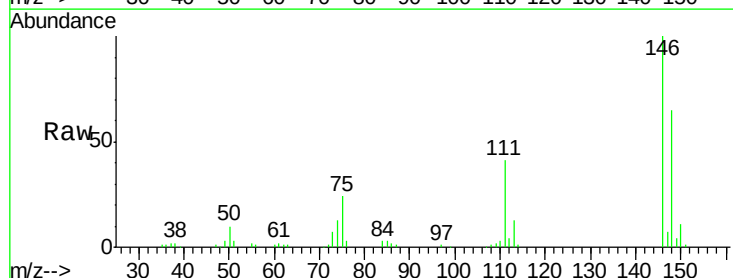
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

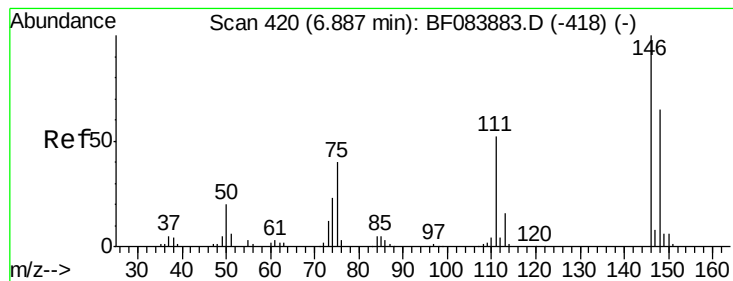
Tgt Ion: 93 Resp: 107808
Ion Ratio Lower Upper
93 100
63 77.6 45.9 85.9
95 31.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 25.67 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF083882.D
Acq: 17 Dec 2015 18:35

Tgt Ion: 146 Resp: 138056
Ion Ratio Lower Upper
146 100
148 65.5 51.9 77.9
75 23.6 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 25.54 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

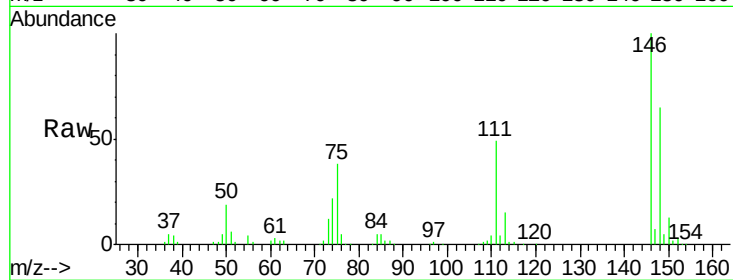
Tgt Ion:146 Resp: 138622

Ion Ratio Lower Upper

146 100

148 64.6 51.9 77.9

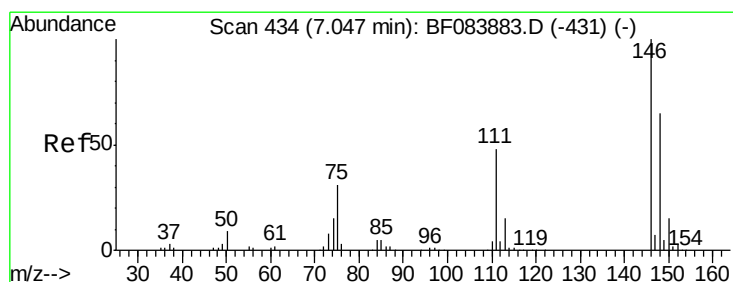
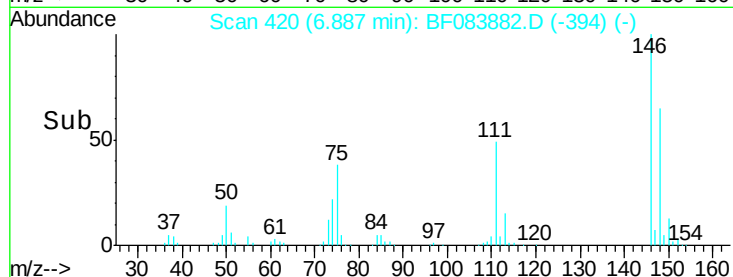
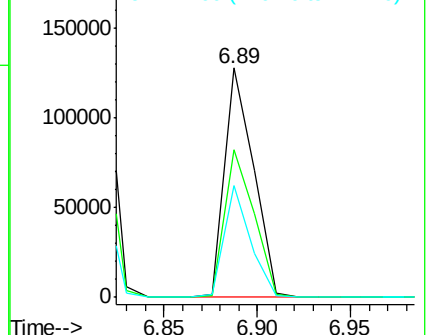
111 48.7 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 26.80 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

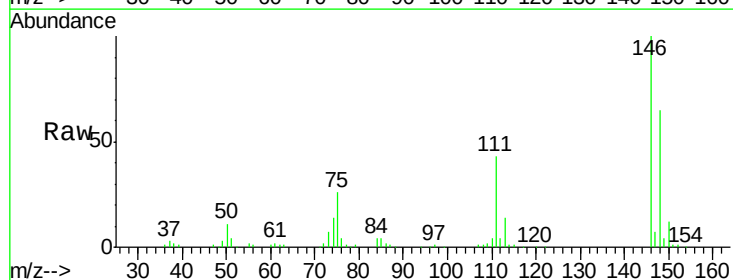
Tgt Ion:146 Resp: 131208

Ion Ratio Lower Upper

146 100

148 64.6 51.6 77.4

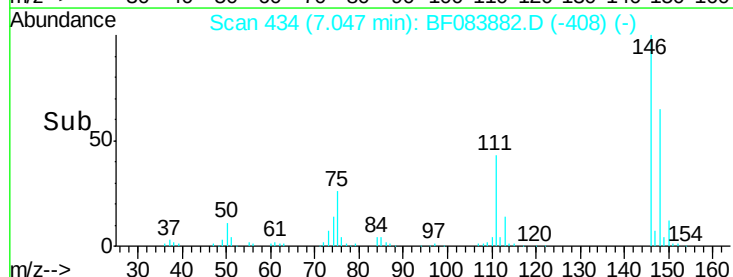
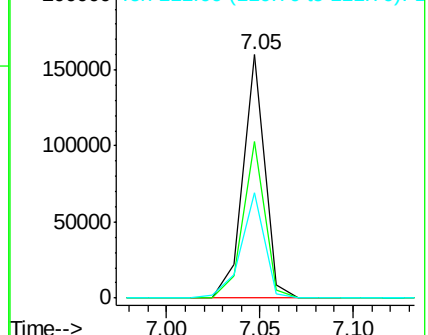
111 43.1 38.0 57.0

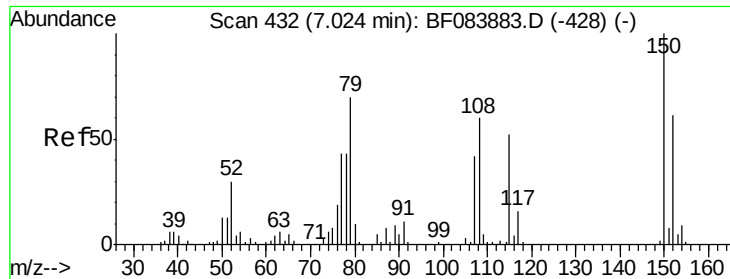


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 24.01 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

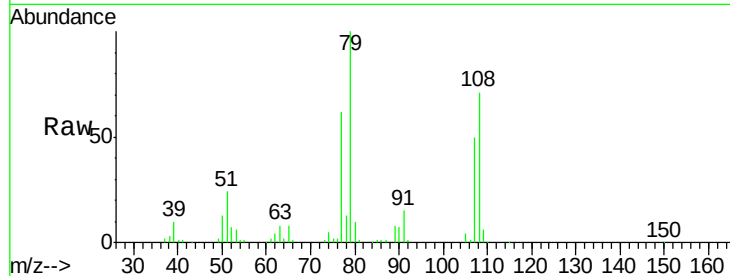
Tgt Ion: 79 Resp: 94576

Ion Ratio Lower Upper

79 100

108 70.7 69.0 103.4

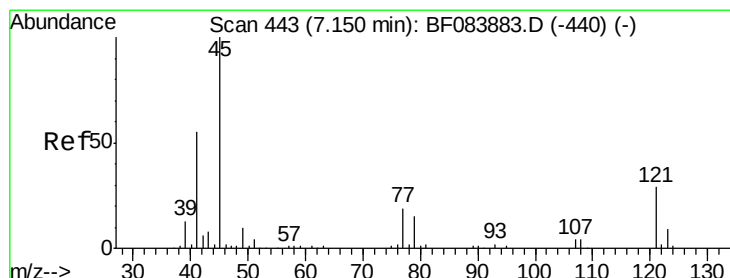
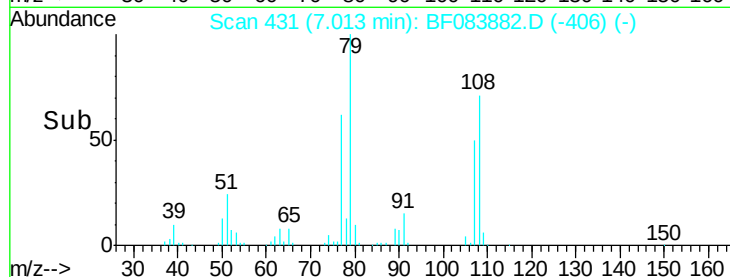
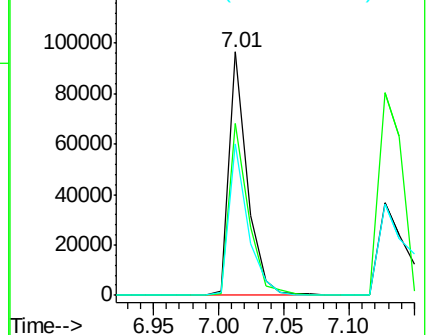
77 62.1 50.0 75.0



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: 20.06 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

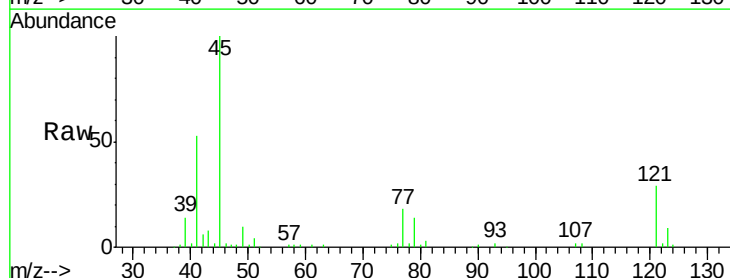
Tgt Ion: 45 Resp: 114978

Ion Ratio Lower Upper

45 100

77 18.5 0.0 39.6

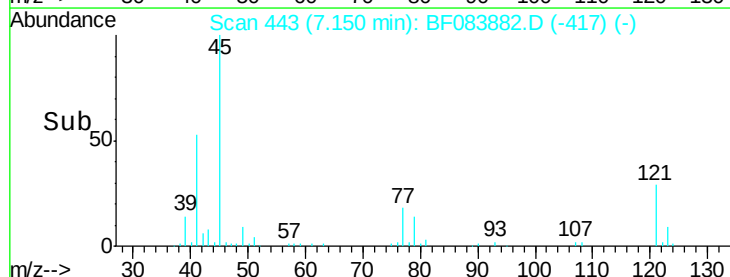
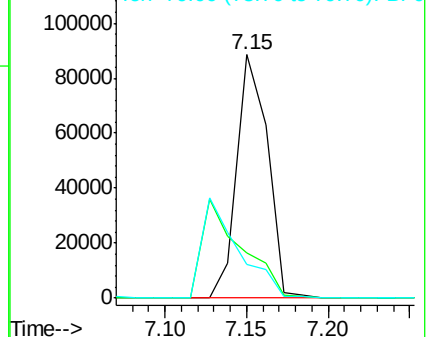
79 14.0 0.0 35.0

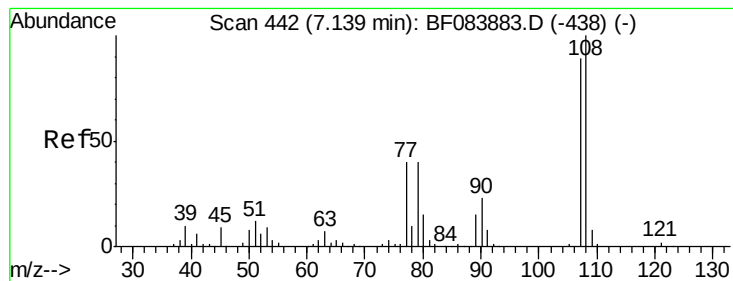


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

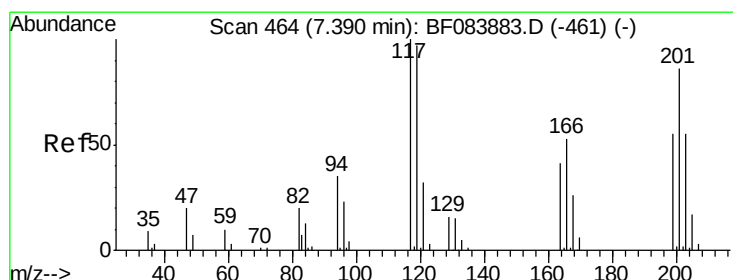
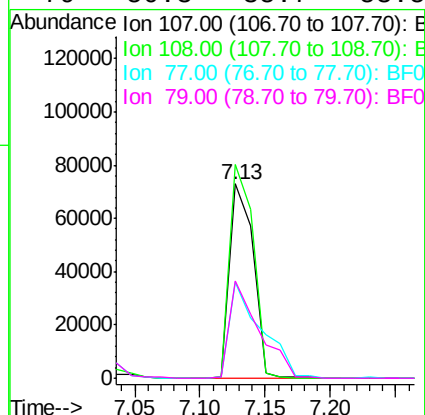
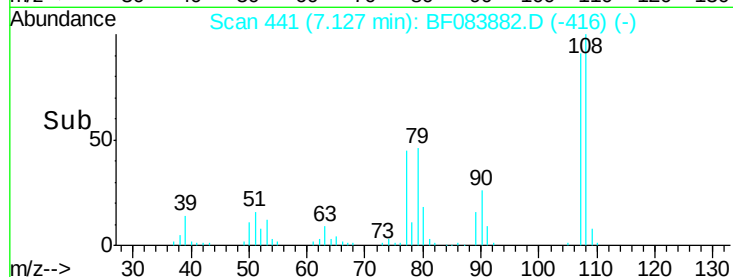
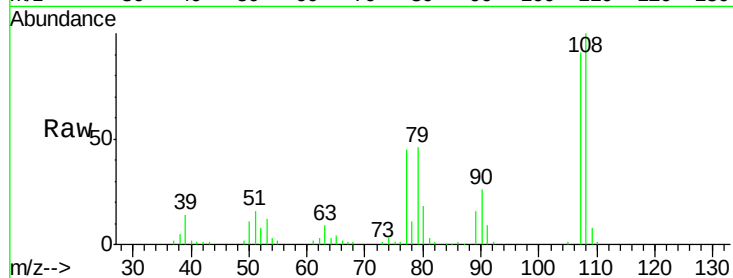




#17
2-Methylphenol
Concen: 22.59 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF083882.D
Acq: 17 Dec 2015 18:35

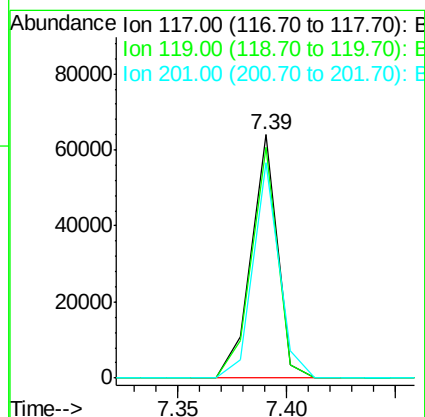
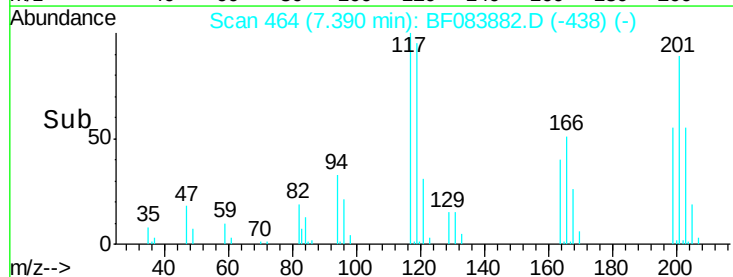
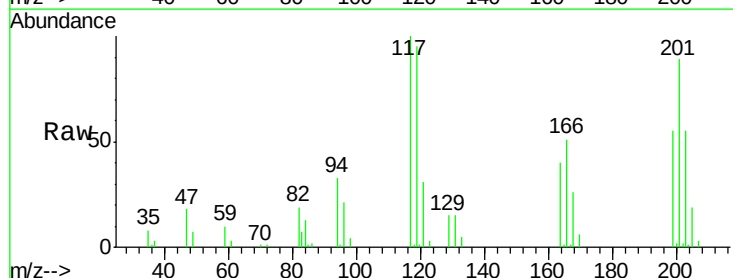
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

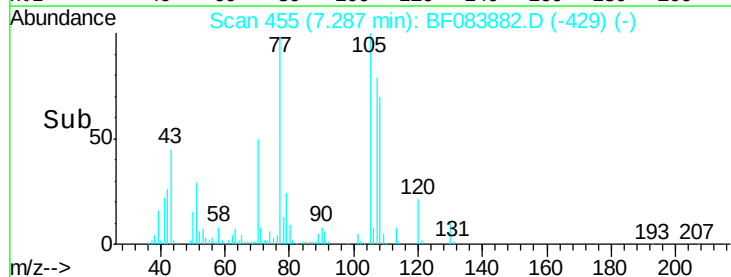
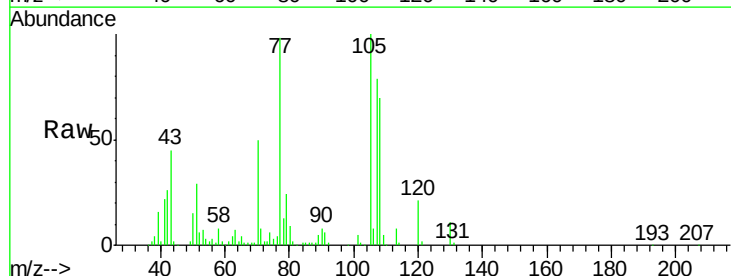
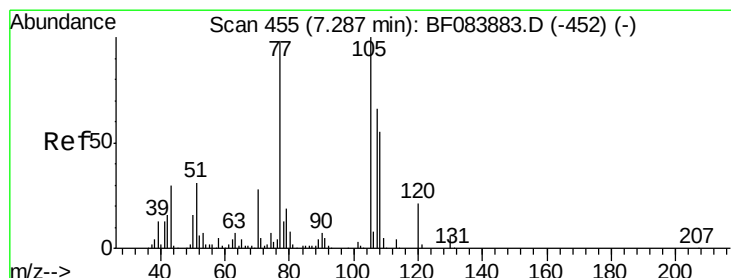
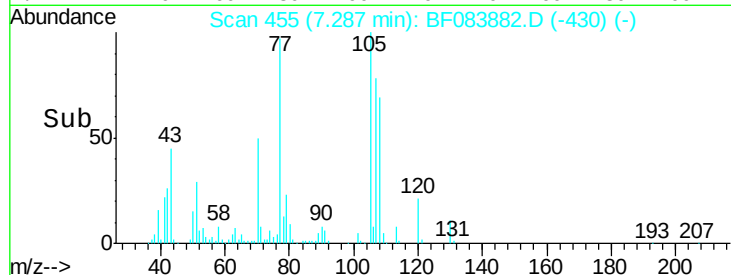
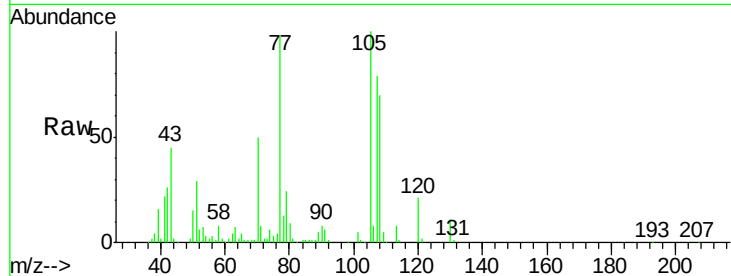
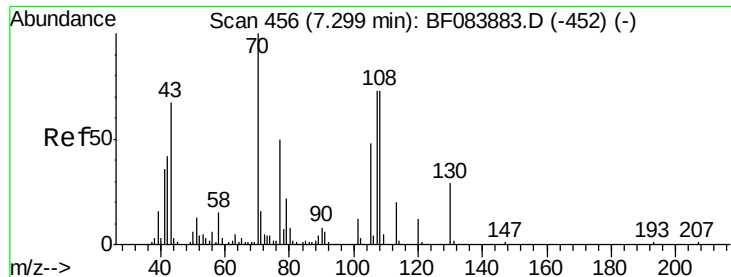
Tgt Ion:	107	Resp:	91623
Ion	Ratio	Lower	Upper
107	100		
108	109.9	89.8	134.6
77	49.6	35.7	53.5
79	50.3	35.7	53.5



#18
Hexachloroethane
Concen: 27.67 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF083882.D
Acq: 17 Dec 2015 18:35

Tgt Ion:	117	Resp:	53861
Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.4	116.0
201	88.7	68.6	103.0

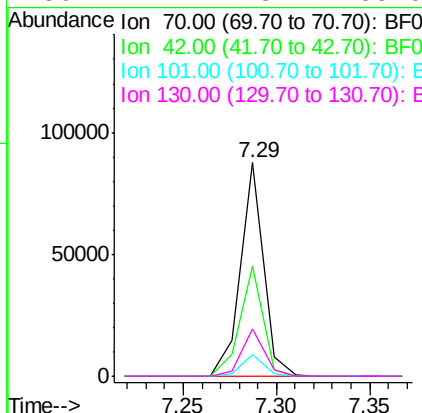




#19
n-Nitroso-di-n-propylamine
Concen: 22.71 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF083882.D
Acq: 17 Dec 2015 18:35

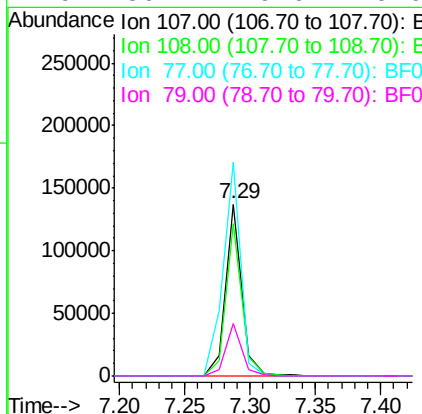
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

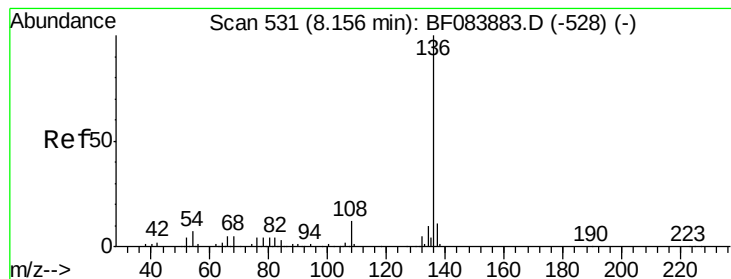
Tgt Ion: 70 Resp: 75863
Ion Ratio Lower Upper
70 100
42 51.4 33.3 49.9#
101 10.0 9.3 13.9
130 22.2 23.4 35.0#



#20
3+4-Methylphenols
Concen: 24.98 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF083882.D
Acq: 17 Dec 2015 18:35

Tgt Ion: 107 Resp: 119608
Ion Ratio Lower Upper
107 100
108 88.7 64.1 104.1
77 124.4 128.9 168.9#
79 30.4 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion:136 Resp: 257522

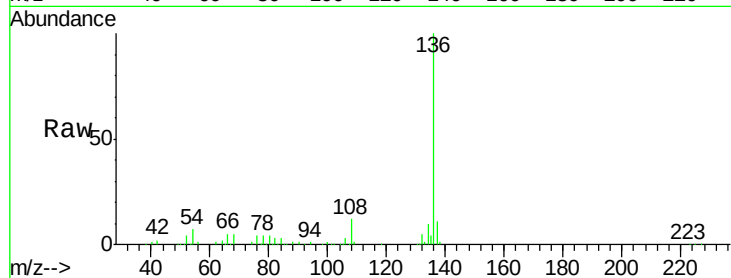
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.1 5.8 8.8

68 5.2 4.2 6.2

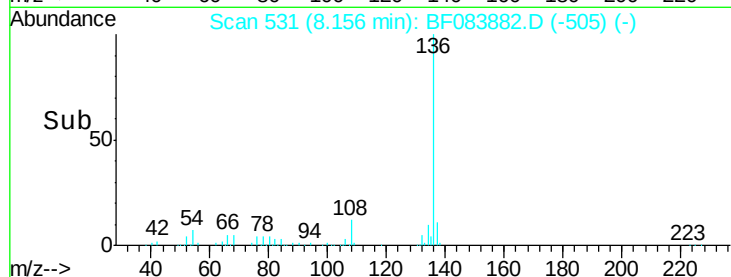


Abundance Ion 136.00 (135.70 to 136.70): E

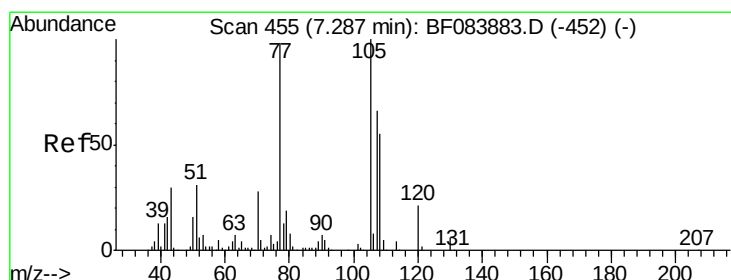
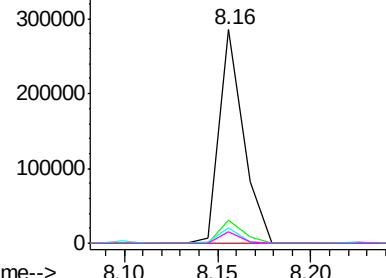
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 26.57 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

Tgt Ion:105 Resp: 164003

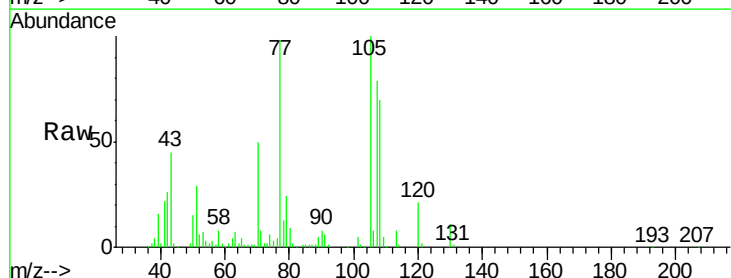
Ion Ratio Lower Upper

105 100

71 8.1 3.7 5.5#

51 28.9 25.1 37.7

120 21.4 16.6 25.0

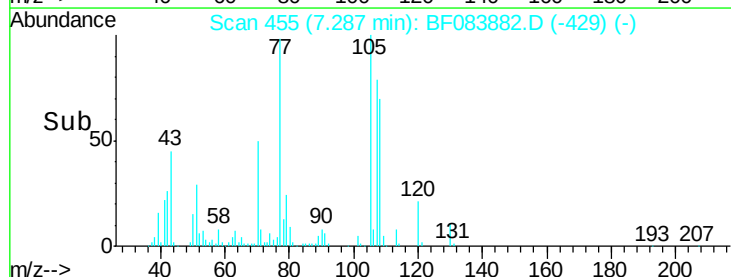


Abundance Ion 105.00 (104.70 to 105.70): E

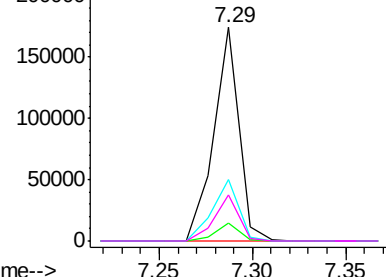
Ion 71.00 (70.70 to 71.70): BF0

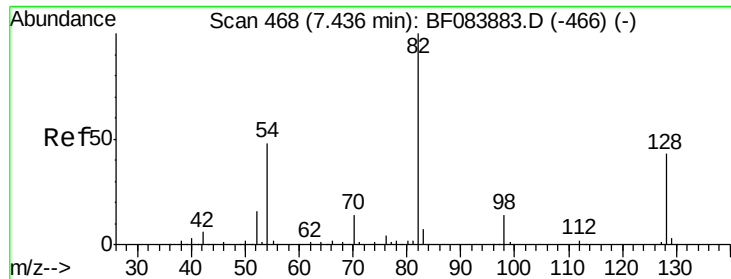
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

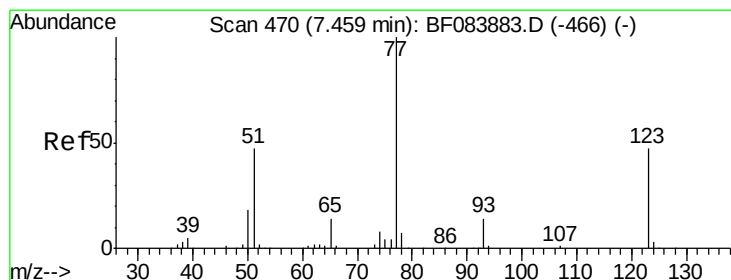
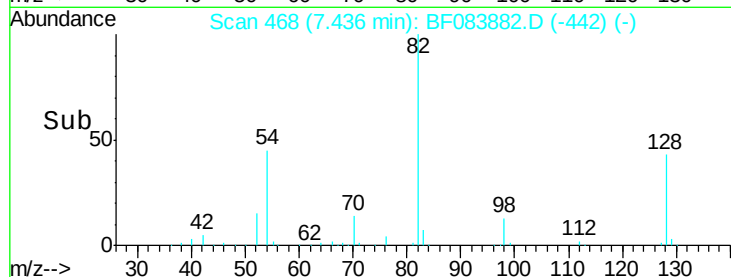
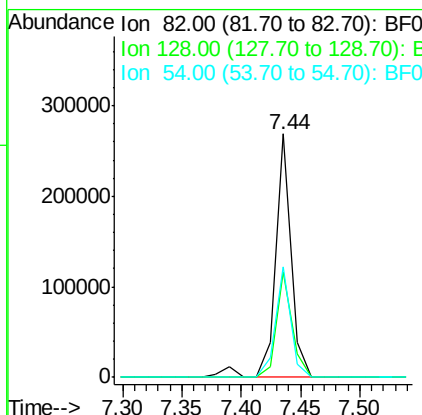
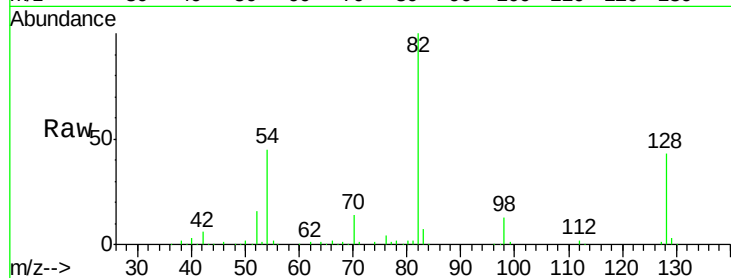




#23
 Nitrobenzene-d5
 Concen: 55.21 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF083882.D
 Acq: 17 Dec 2015 18:35

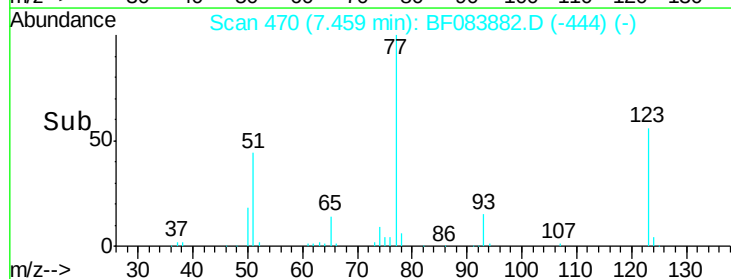
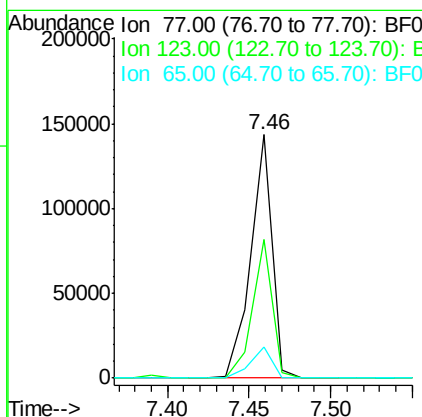
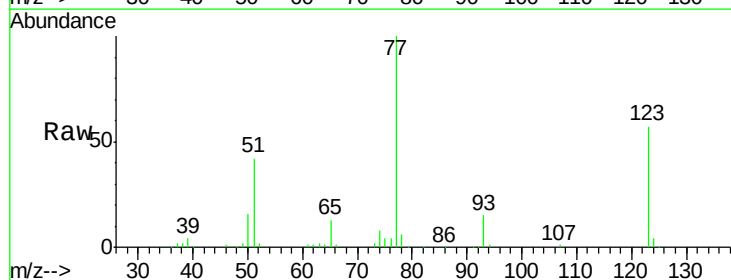
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

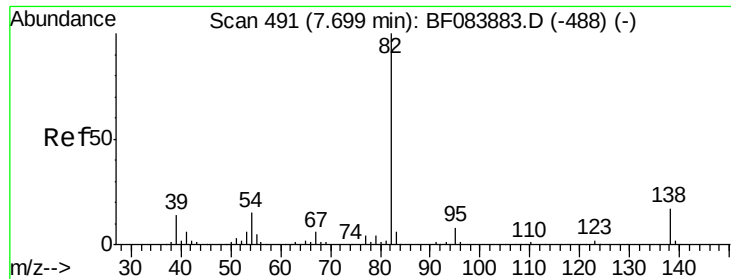
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	51.8
54	45.4	38.4	57.6



#24
 Nitrobenzene
 Concen: 27.48 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF083882.D
 Acq: 17 Dec 2015 18:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.7	37.4	56.2#
65	13.0	10.9	16.3





#25

Isophorone

Concen: 24.14 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

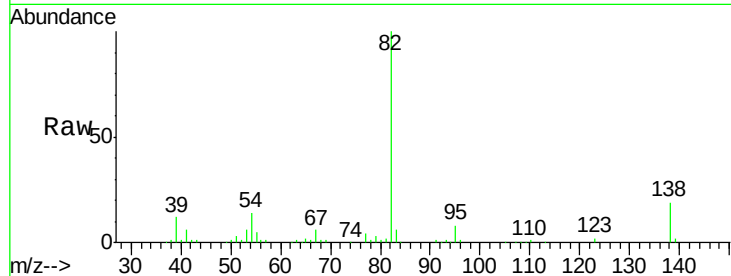
Tgt Ion: 82 Resp: 211549

Ion Ratio Lower Upper

82 100

95 8.4 6.6 10.0

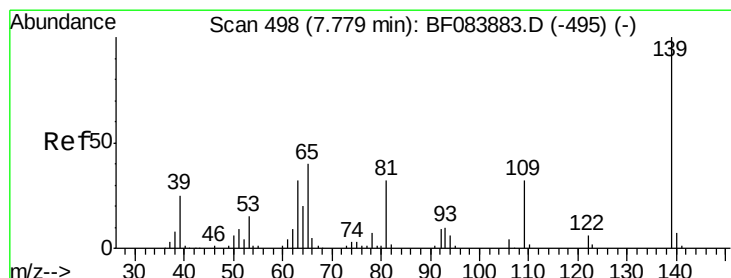
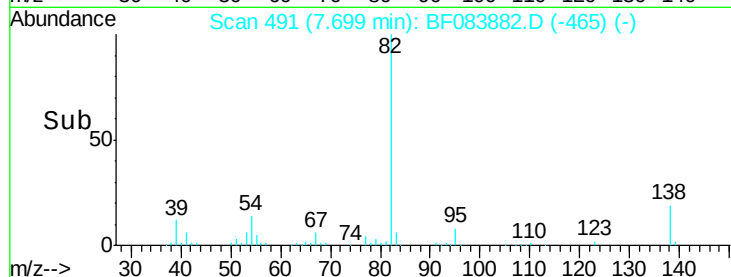
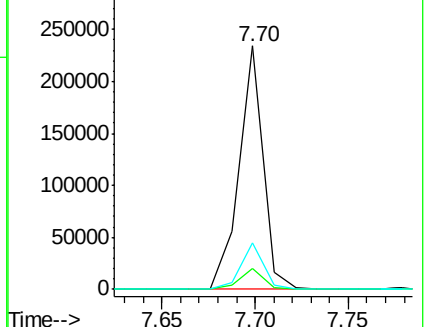
138 19.3 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 25.28 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

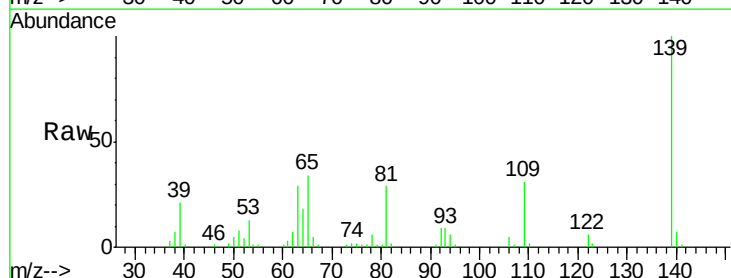
Tgt Ion: 139 Resp: 58657

Ion Ratio Lower Upper

139 100

109 30.9 25.4 38.2

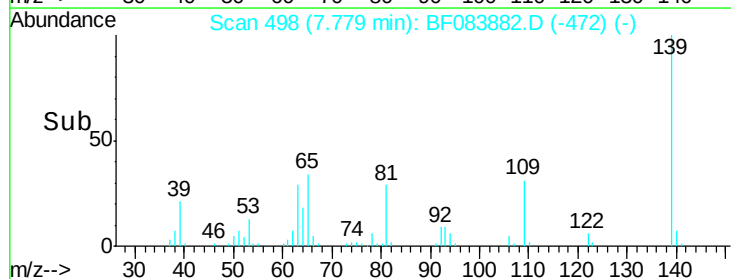
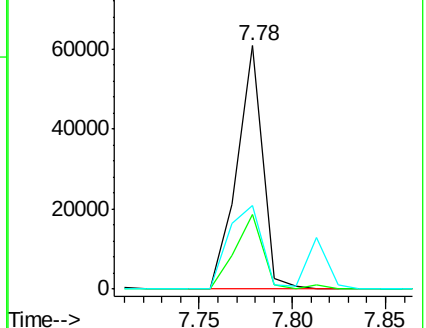
65 34.3 32.3 48.5

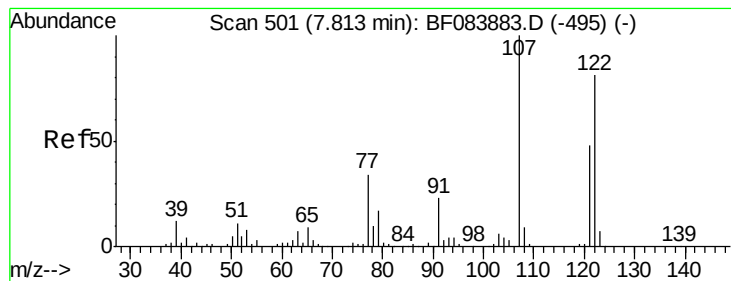


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 24.43 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

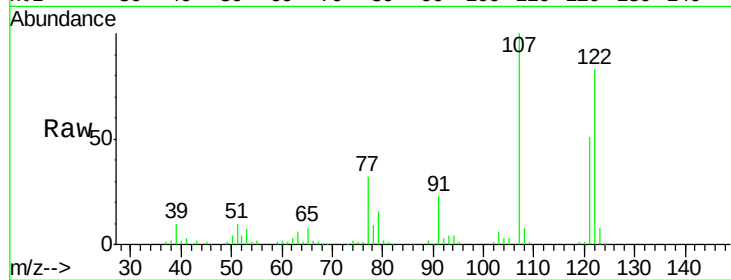
Tgt Ion:122 Resp: 106895

Ion Ratio Lower Upper

122 100

107 121.1 99.1 148.7

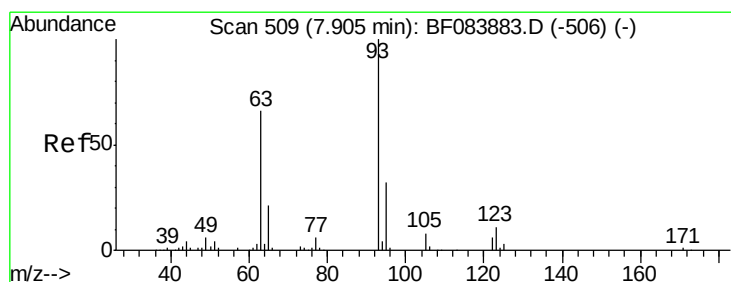
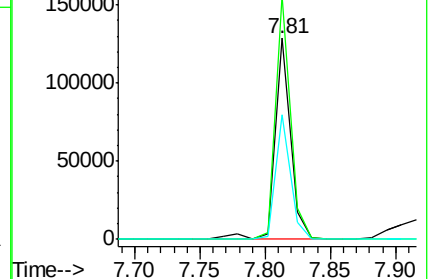
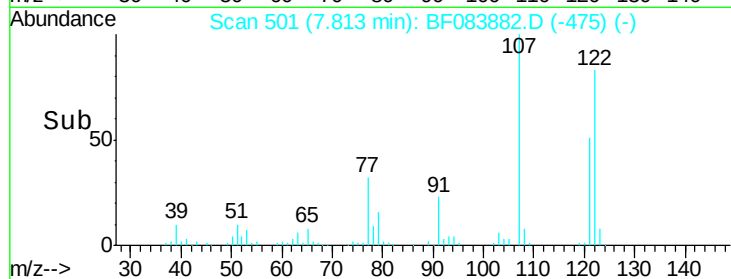
121 61.6 47.9 71.9



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: 23.29 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

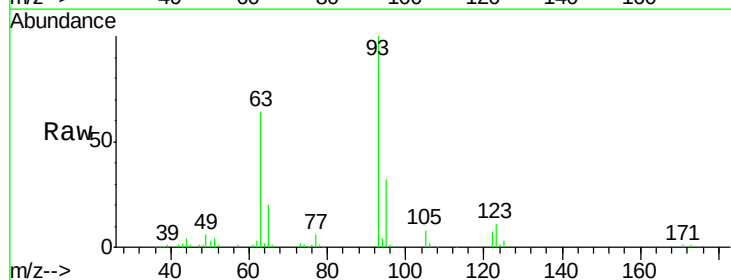
Tgt Ion: 93 Resp: 117093

Ion Ratio Lower Upper

93 100

95 31.8 25.8 38.6

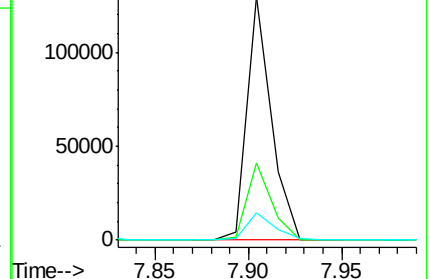
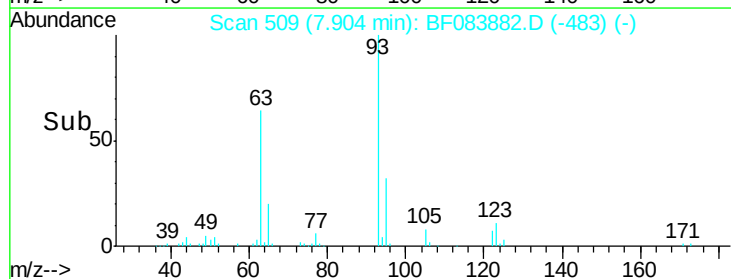
123 11.2 8.6 12.8

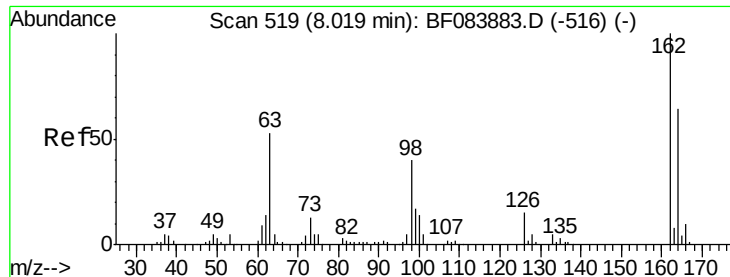


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

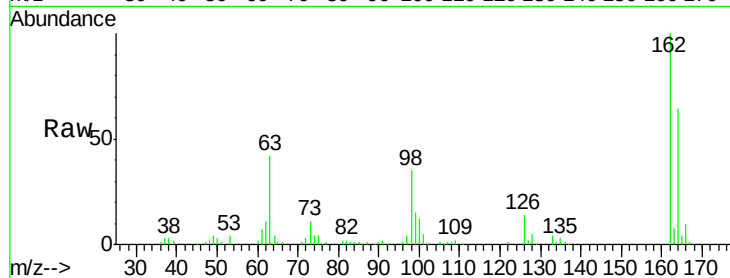




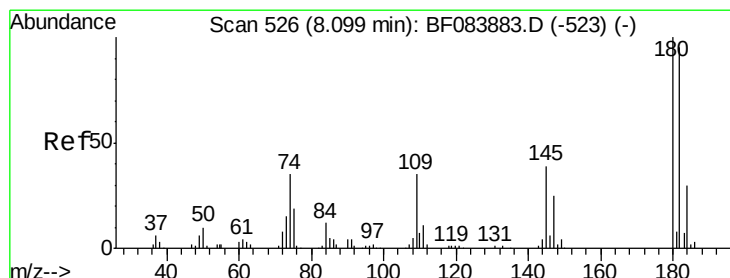
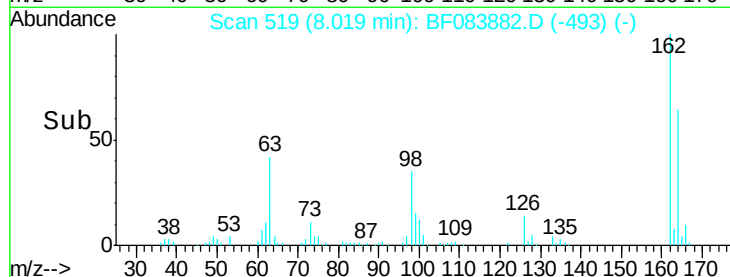
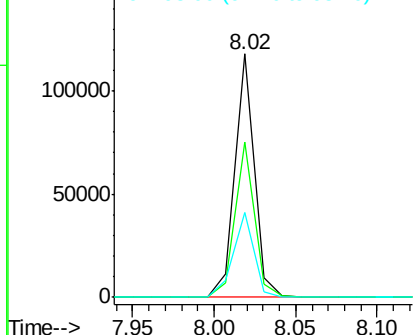
#29
2,4-Dichlorophenol
Concen: 26.10 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF083882.D
Acq: 17 Dec 2015 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tgt Ion:162 Resp: 96214
Ion Ratio Lower Upper
162 100
164 63.8 44.1 84.1
98 34.6 20.2 60.2

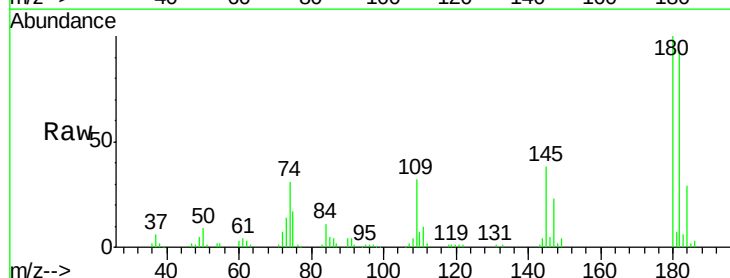


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

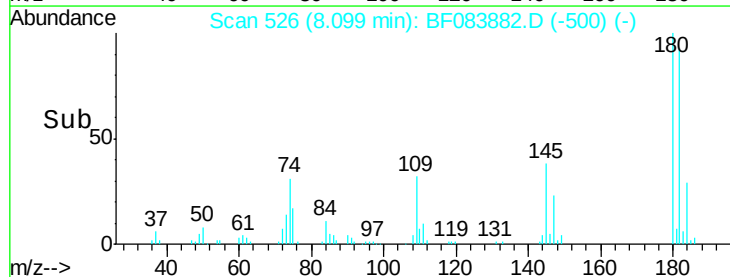
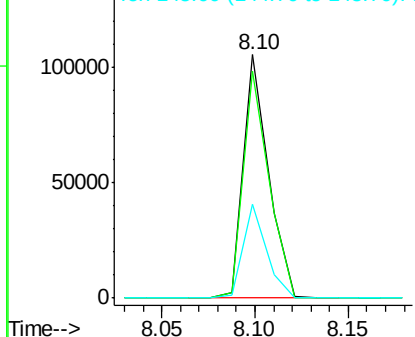


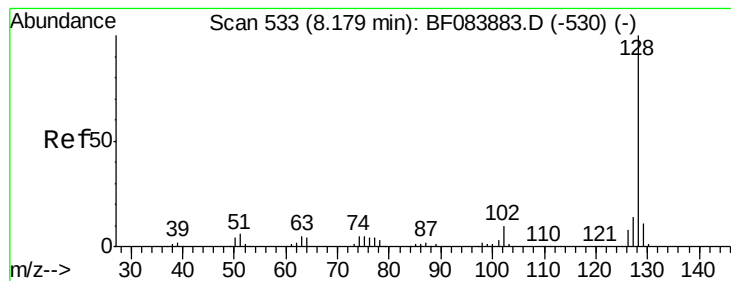
#30
1,2,4-Trichlorobenzene
Concen: 26.30 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF083882.D
Acq: 17 Dec 2015 18:35

Tgt Ion:180 Resp: 99775
Ion Ratio Lower Upper
180 100
182 93.4 76.4 114.6
145 38.4 31.6 47.4



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





#31

Naphthalene

Concen: 26.94 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

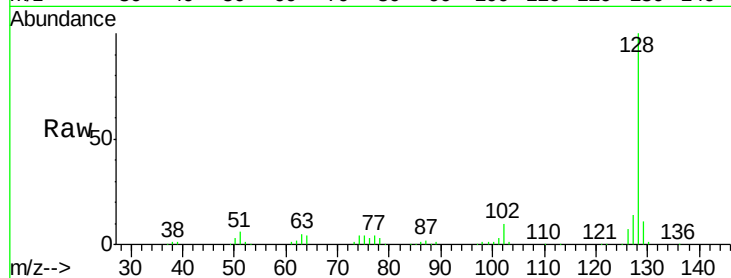
Tgt Ion:128 Resp: 356598

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

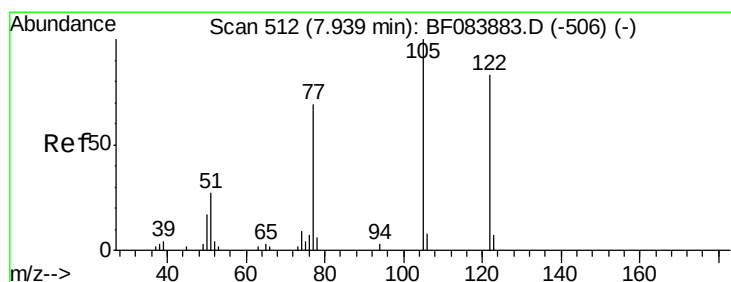
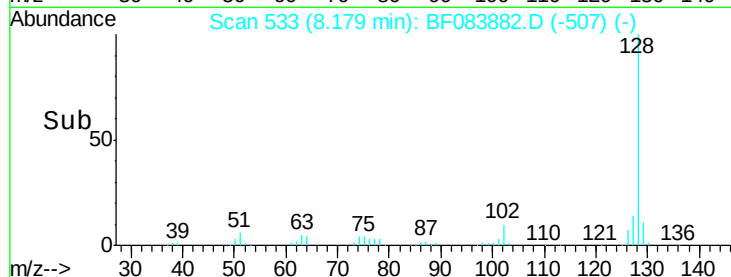
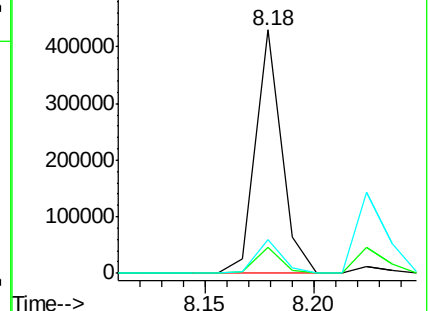
127 13.7 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.57 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

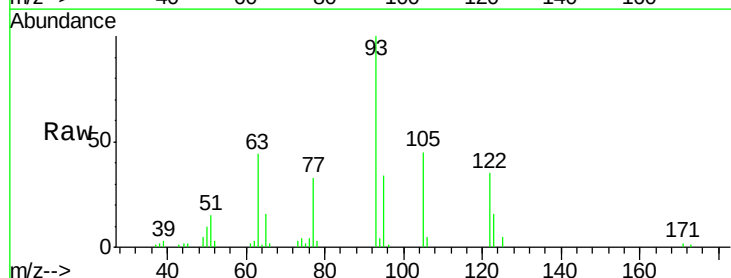
Tgt Ion:122 Resp: 36835

Ion Ratio Lower Upper

122 100

105 126.6 100.3 140.3

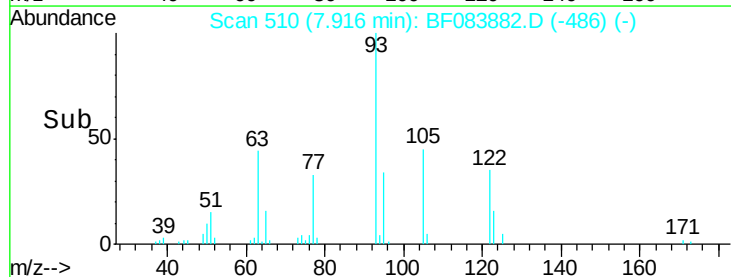
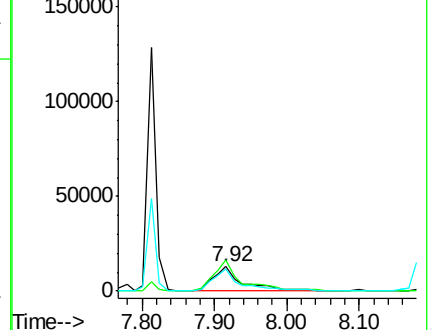
77 92.4 63.5 103.5

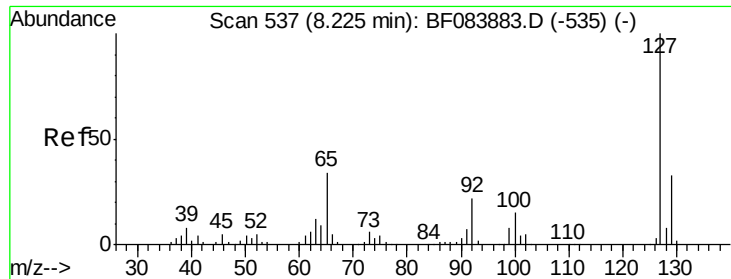


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

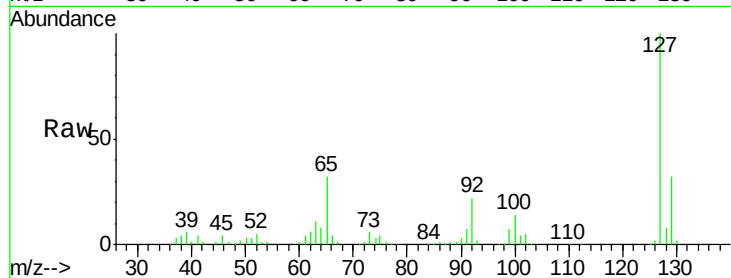




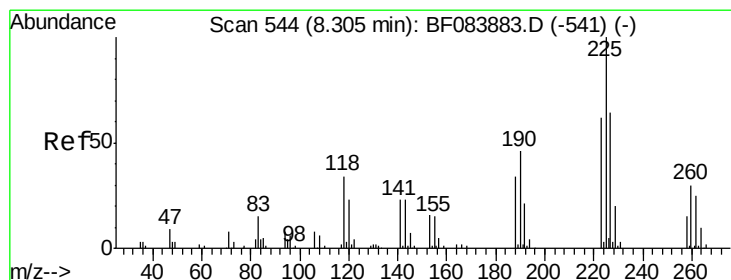
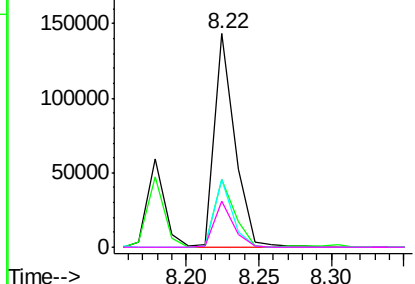
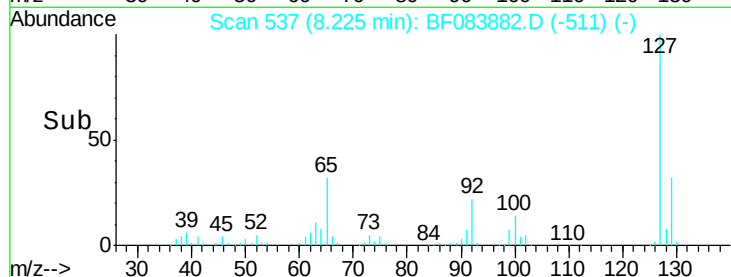
#33
4-Chloroaniline
Concen: 26.22 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF083882.D
Acq: 17 Dec 2015 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion:	127	Resp:	139229
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.5	39.7
65	31.8	27.2	40.8
92	21.6	17.7	26.5

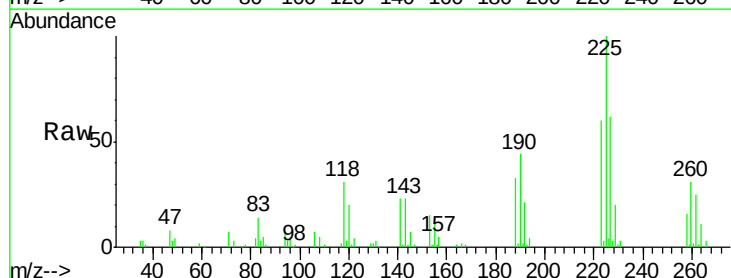


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

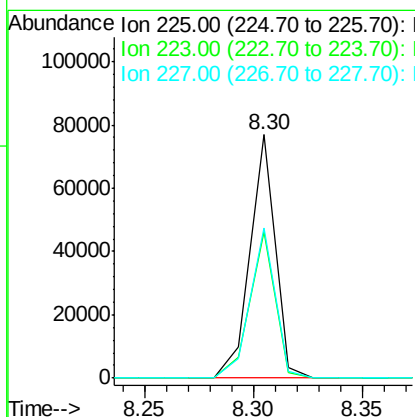
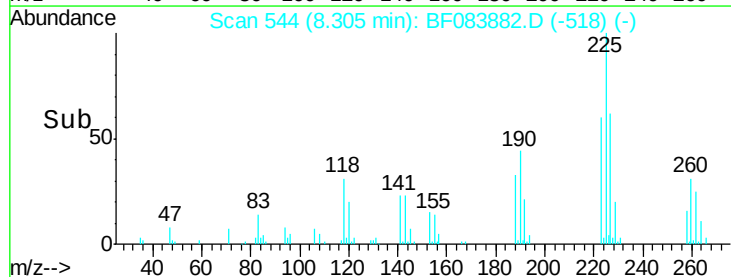


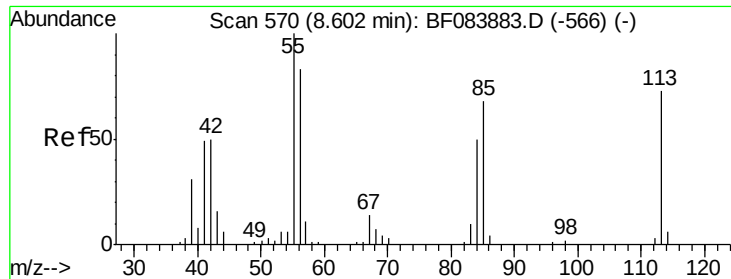
#34
Hexachlorobutadiene
Concen: 29.09 ng
RT: 8.30 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF083882.D
Acq: 17 Dec 2015 18:35

Tgt Ion:	225	Resp:	61897
Ion	Ratio	Lower	Upper
225	100		
223	59.8	49.4	74.0
227	61.9	50.8	76.2



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

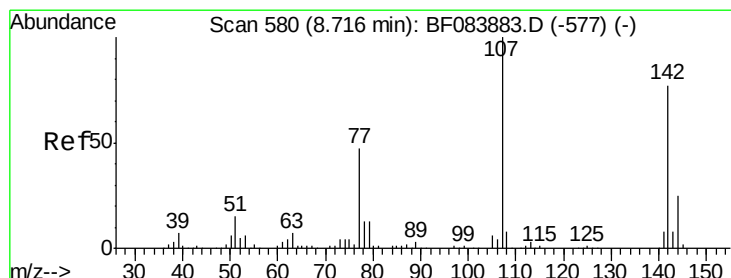
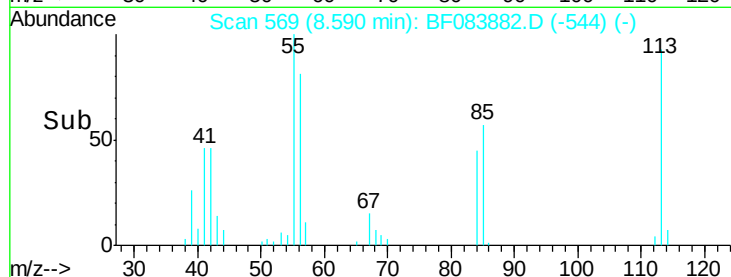
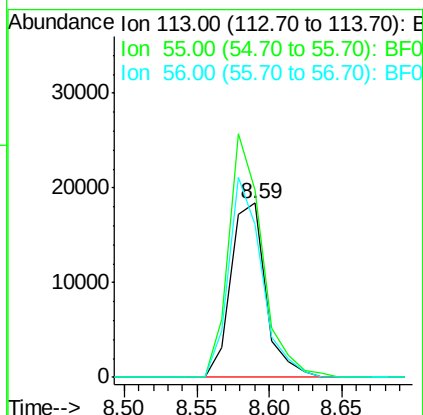
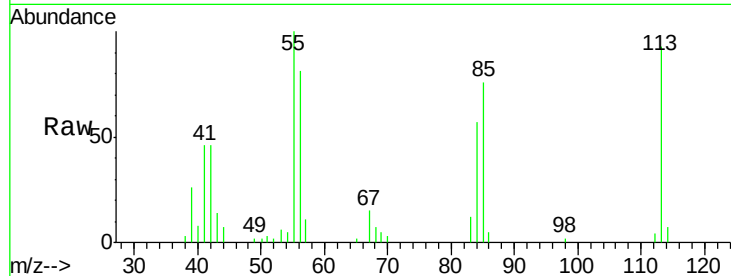




#35
 Caprolactam
 Concen: 26.41 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF083882.D
 Acq: 17 Dec 2015 18:35

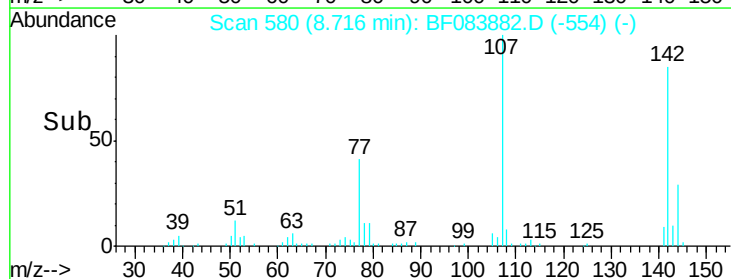
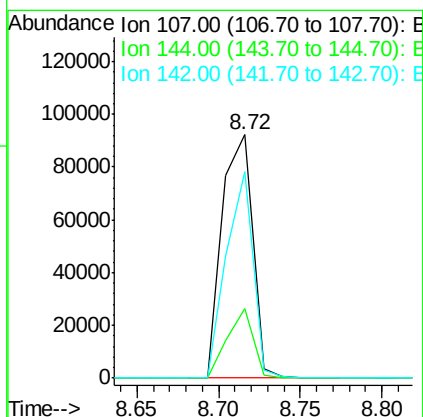
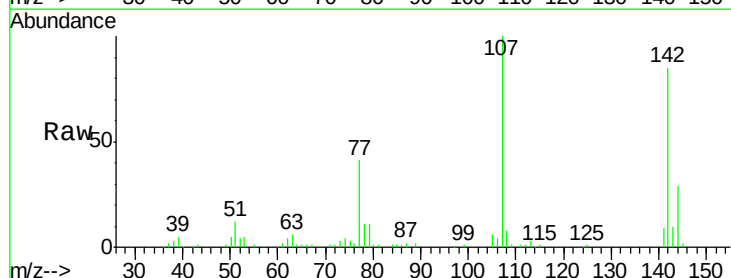
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

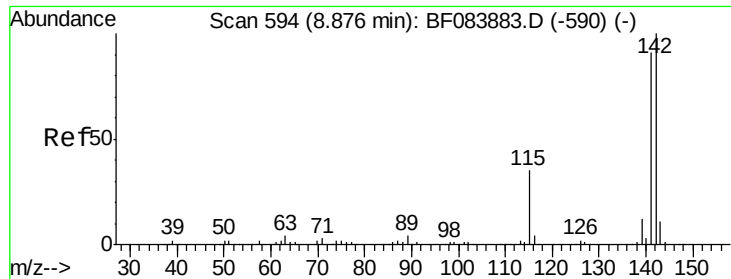
Tgt Ion:113 Resp: 30801
 Ion Ratio Lower Upper
 113 100
 55 107.7 116.9 156.9#
 56 87.7 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 27.94 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF083882.D
 Acq: 17 Dec 2015 18:35

Tgt Ion:107 Resp: 119043
 Ion Ratio Lower Upper
 107 100
 144 28.5 19.7 29.5
 142 84.9 61.8 92.6

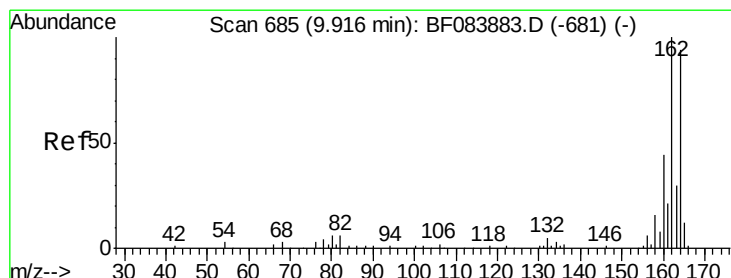
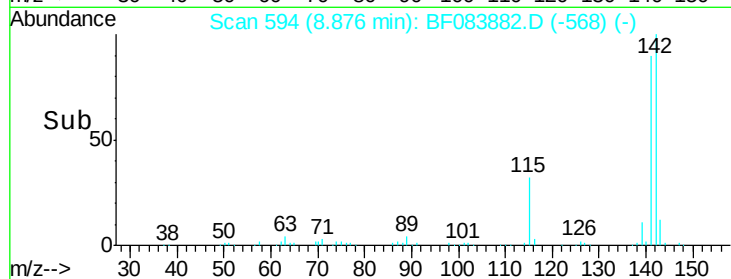
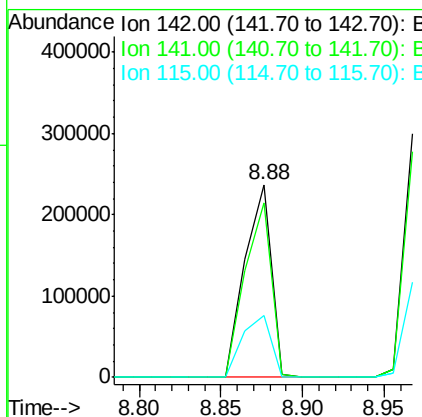
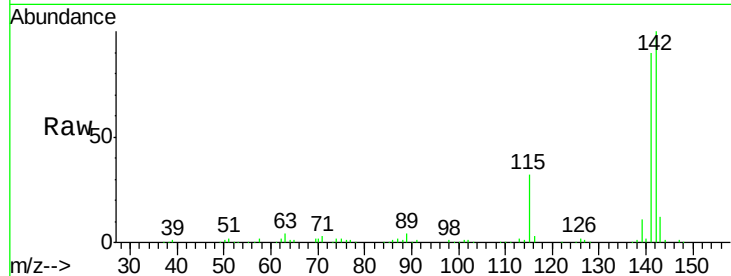




#37
2-Methylnaphthalene
Concen: 31.83 ng
RT: 8.88 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF083882.D
Acq: 17 Dec 2015 18:35

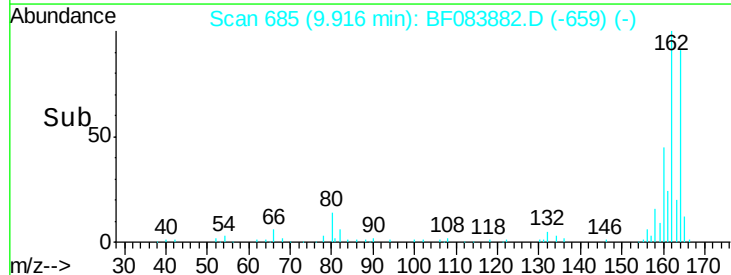
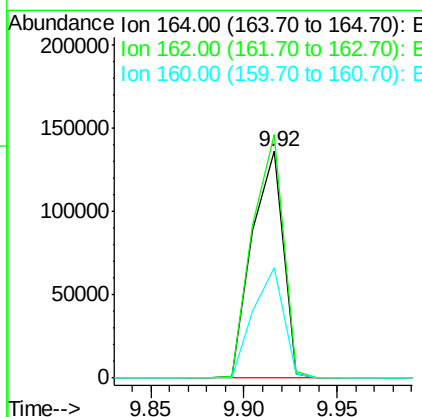
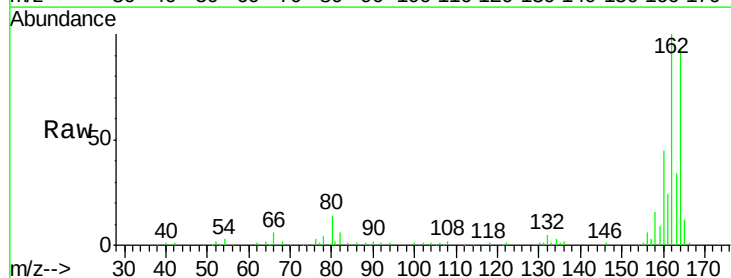
Instrument :
BNA_F
ClientSampleId :
SSTDICC025

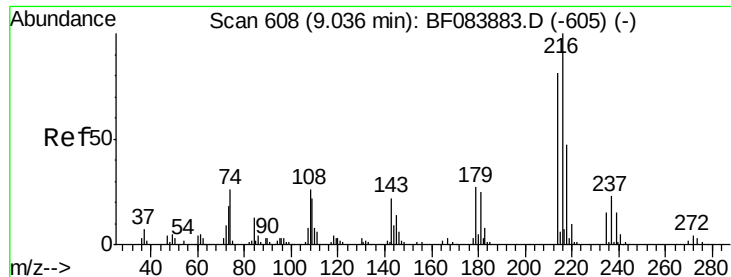
Tgt Ion:142 Resp: 266059
Ion Ratio Lower Upper
142 100
141 90.4 72.4 108.6
115 32.2 27.9 41.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF083882.D
Acq: 17 Dec 2015 18:35

Tgt Ion:164 Resp: 156247
Ion Ratio Lower Upper
164 100
162 107.4 85.1 127.7
160 48.5 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.95 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion:216 Resp: 113770

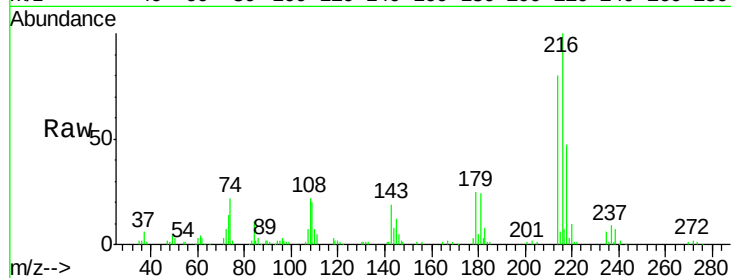
Ion Ratio Lower Upper

216 100

214 80.0 64.2 96.2

179 23.6 18.7 28.1

108 20.3 16.8 25.2

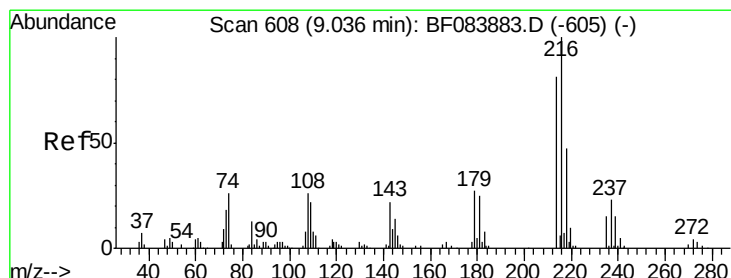
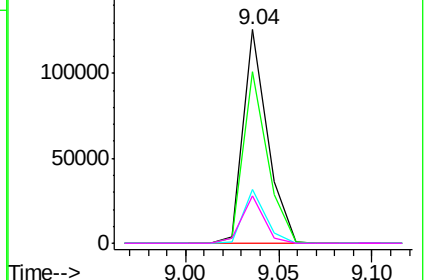
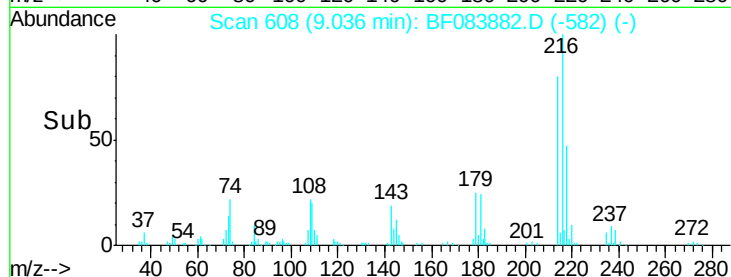


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 9.47 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

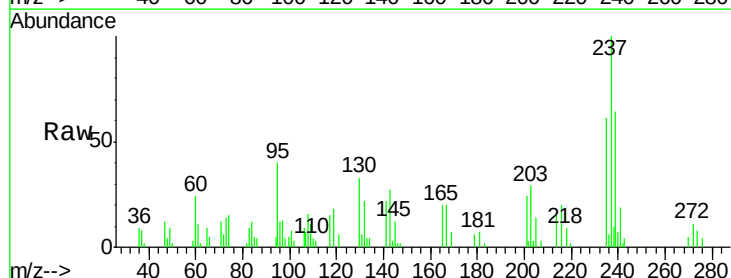
Tgt Ion:237 Resp: 20001

Ion Ratio Lower Upper

237 100

235 61.2 43.1 83.1

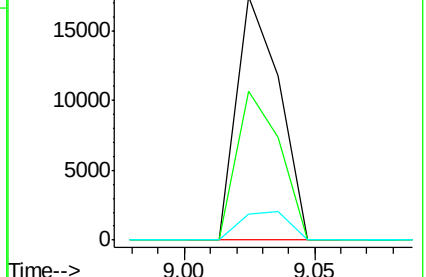
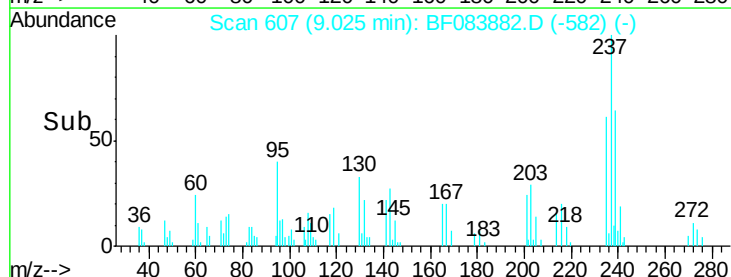
272 10.6 0.0 35.1

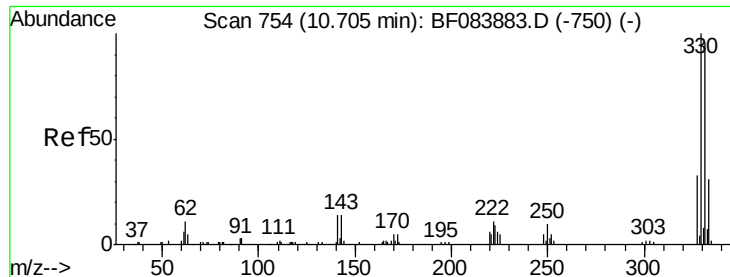


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

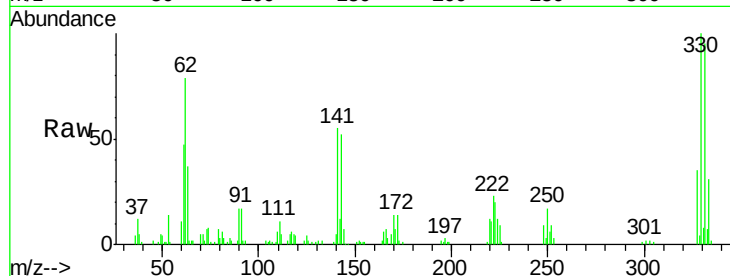




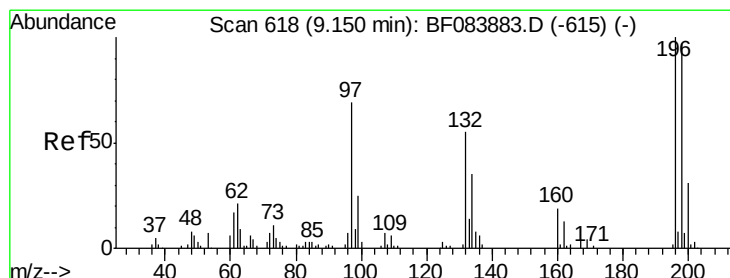
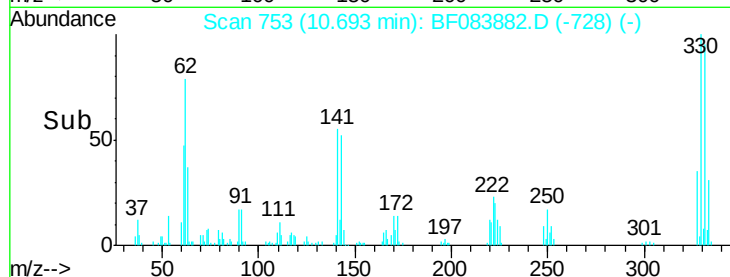
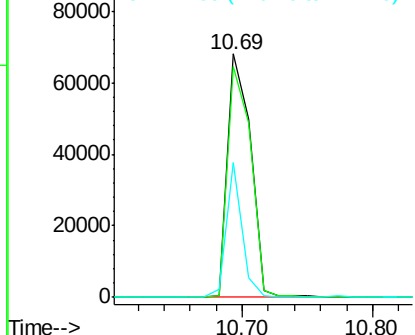
#41
 2,4,6-Tribromophenol
 Concen: 52.28 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF083882.D
 Acq: 17 Dec 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion:330 Resp: 83515
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 37.8 27.8 41.6

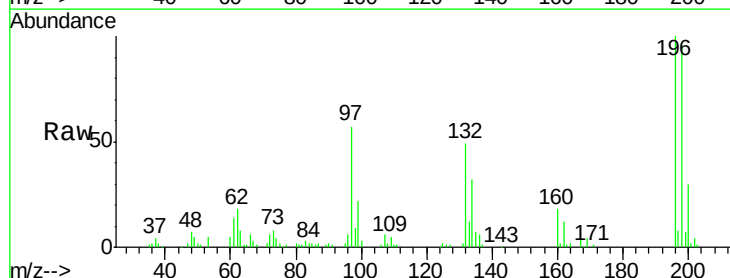


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

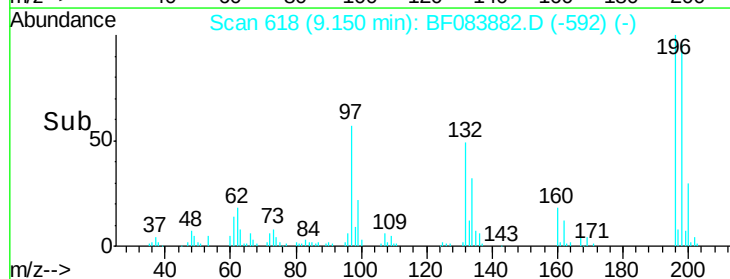
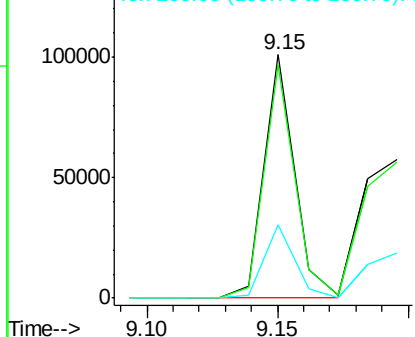


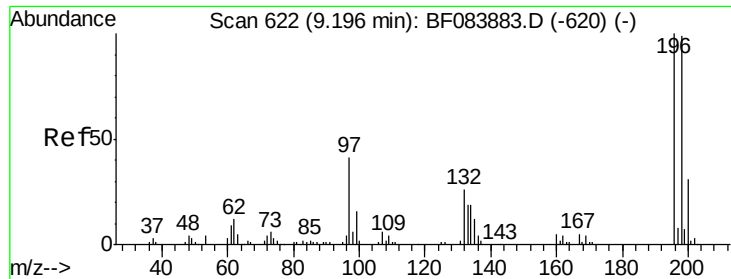
#42
 2,4,6-Trichlorophenol
 Concen: 24.76 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF083882.D
 Acq: 17 Dec 2015 18:35

Tgt Ion:196 Resp: 81765
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.7 116.5
 200 30.3 24.6 37.0



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

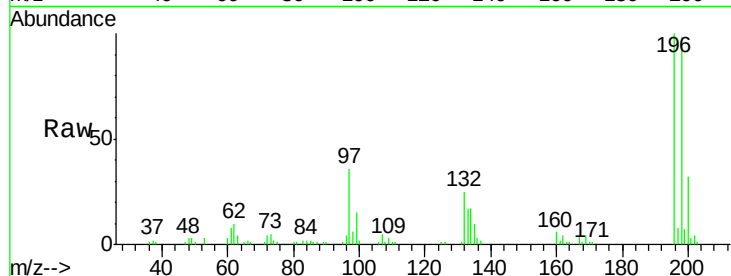




#43
 2,4,5-Trichlorophenol
 Concen: 25.06 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF083882.D
 Acq: 17 Dec 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	79.0	118.6
97	36.0	33.0	49.6
132	24.5	21.1	31.7



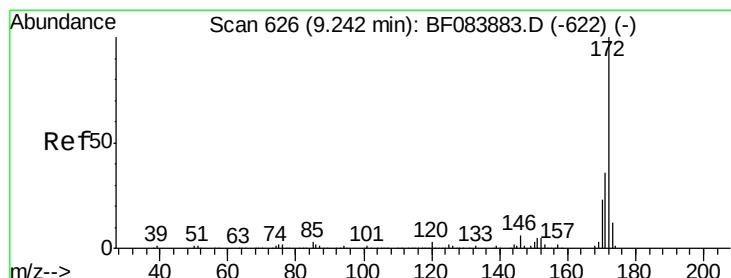
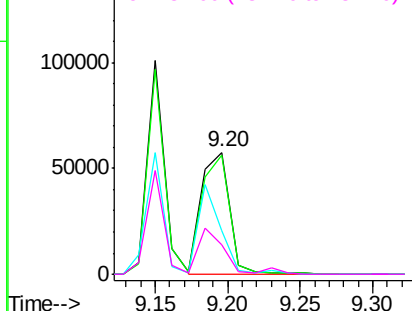
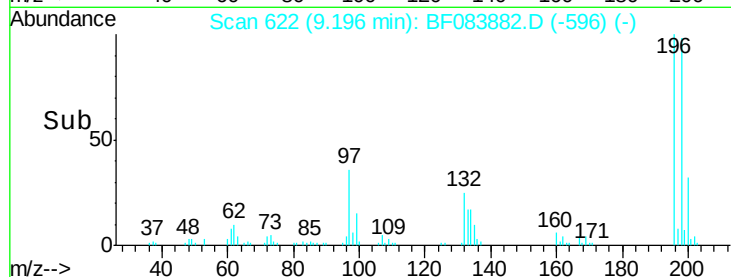
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

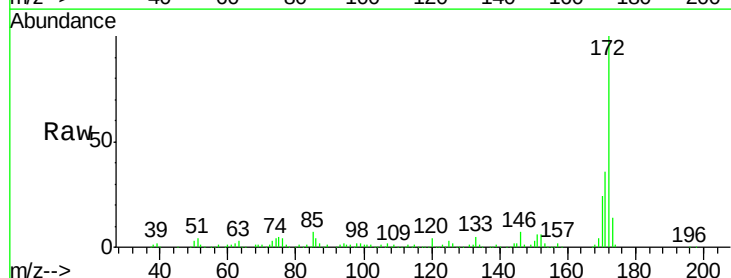
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 50.06 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083882.D
 Acq: 17 Dec 2015 18:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	24.1	18.6	27.8

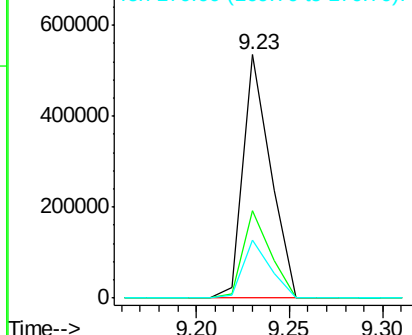
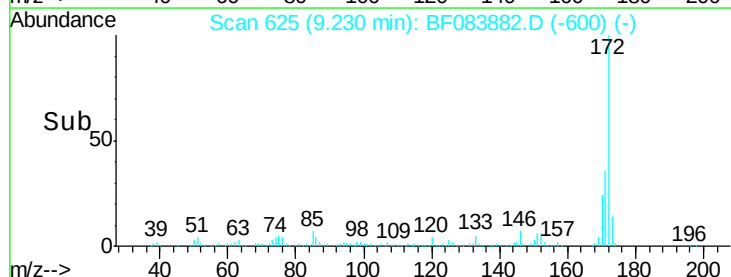


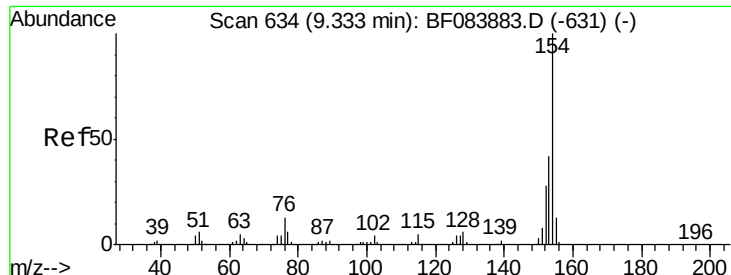
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

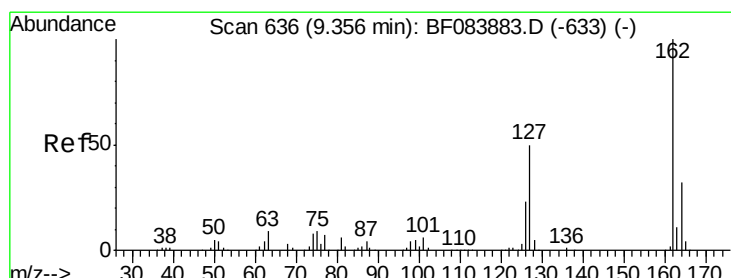
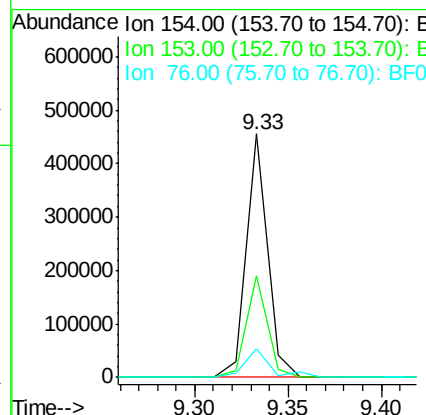
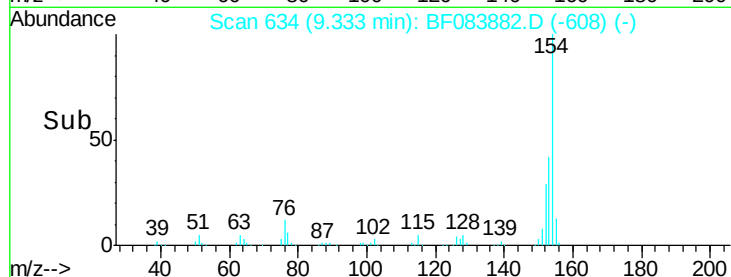
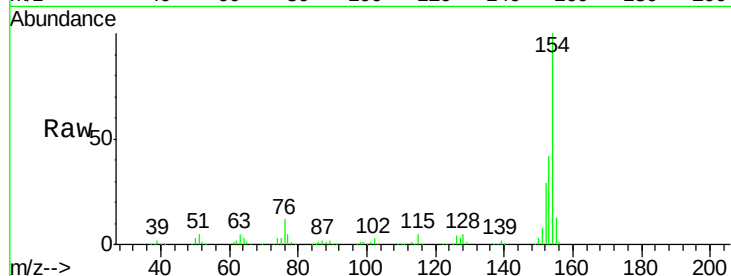




#45
 1,1'-Biphenyl
 Concen: 26.61 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF083882.D
 Acq: 17 Dec 2015 18:35

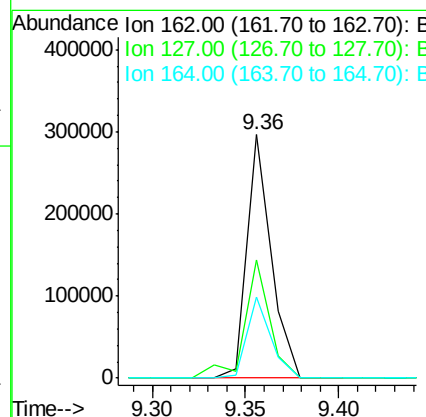
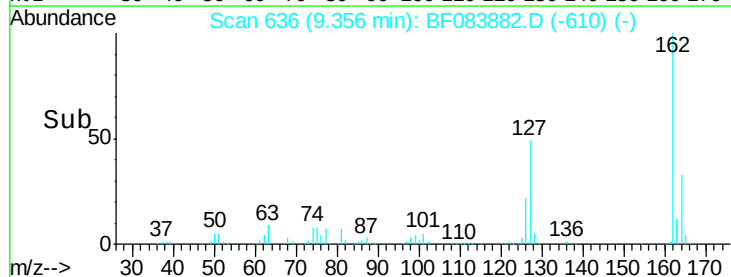
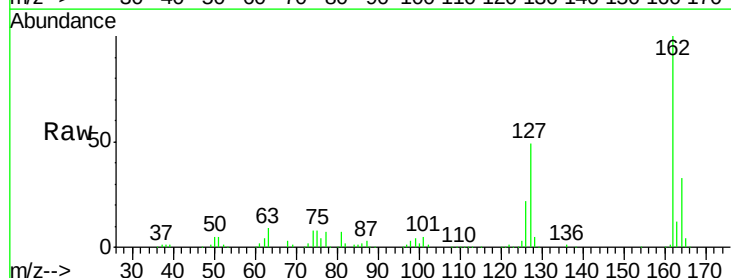
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

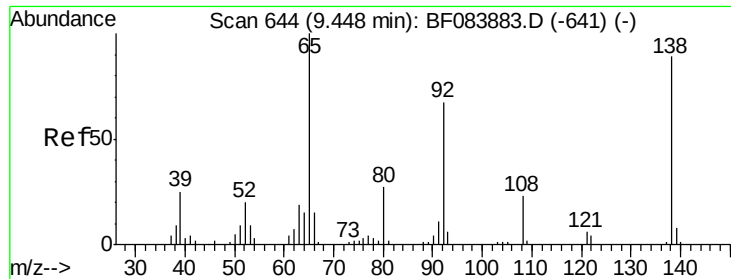
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.6	61.6
76	12.0	0.0	32.7



#46
 2-Chloronaphthalene
 Concen: 26.39 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF083882.D
 Acq: 17 Dec 2015 18:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	48.6	40.2	60.4
164	33.4	25.7	38.5

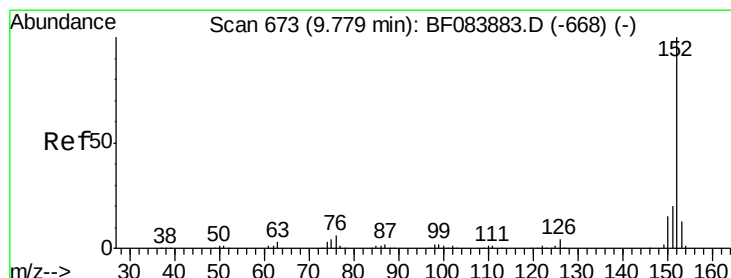
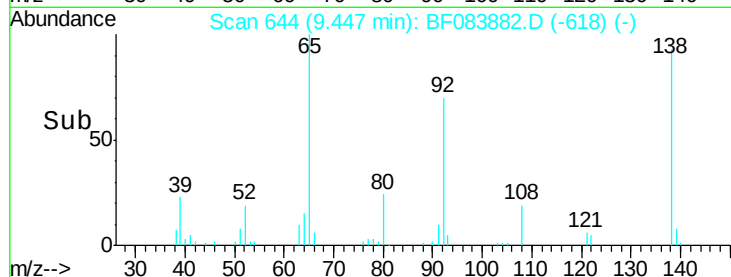
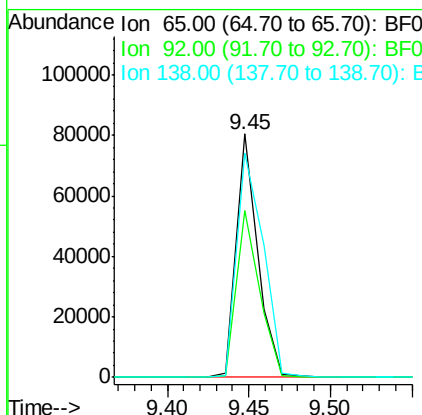
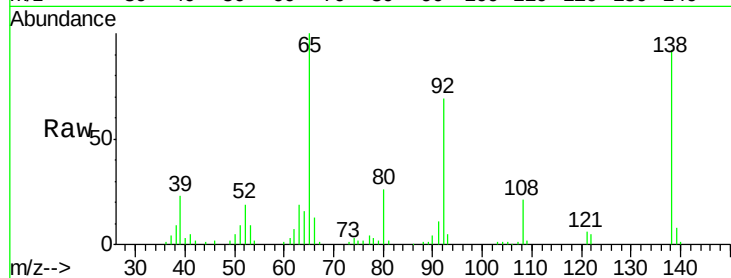




#47
2-Nitroaniline
Concen: 25.99 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.00 min
Lab File: BF083882.D
Acq: 17 Dec 2015 18:35

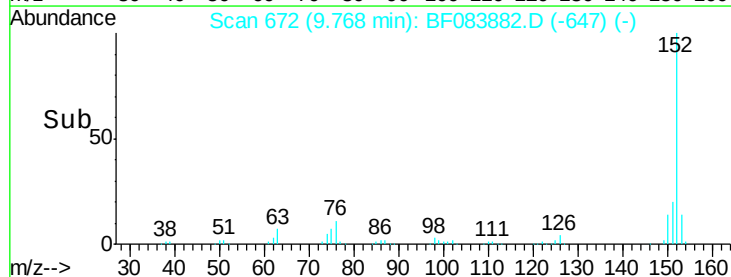
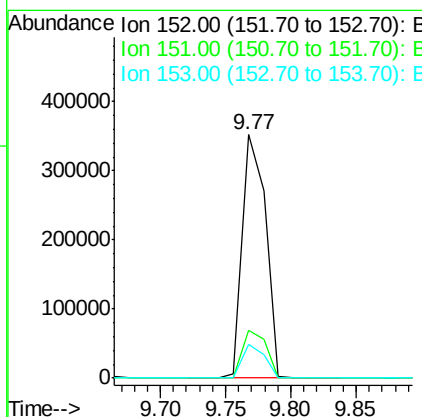
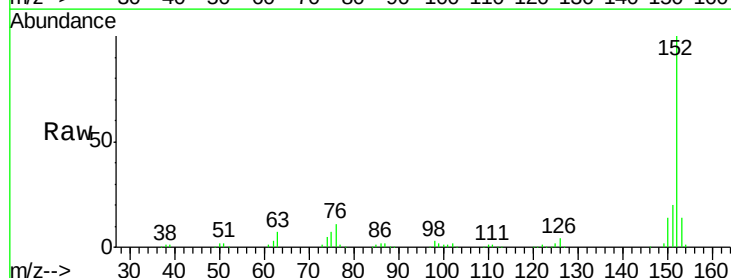
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

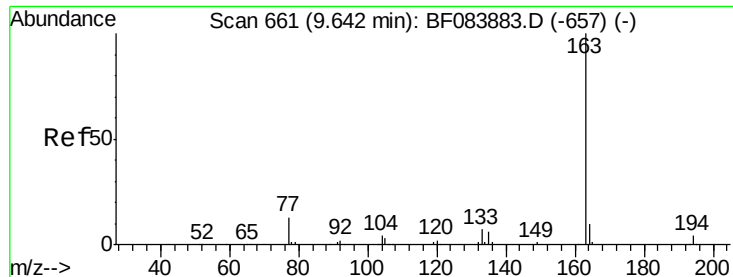
Tgt Ion: 65 Resp: 72607
Ion Ratio Lower Upper
65 100
92 68.7 53.4 80.2
138 92.2 71.1 106.7



#48
Acenaphthylene
Concen: 25.54 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF083882.D
Acq: 17 Dec 2015 18:35

Tgt Ion: 152 Resp: 435660
Ion Ratio Lower Upper
152 100
151 19.7 16.3 24.5
153 13.6 10.4 15.6





#49

Dimethylphthalate

Concen: 25.22 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

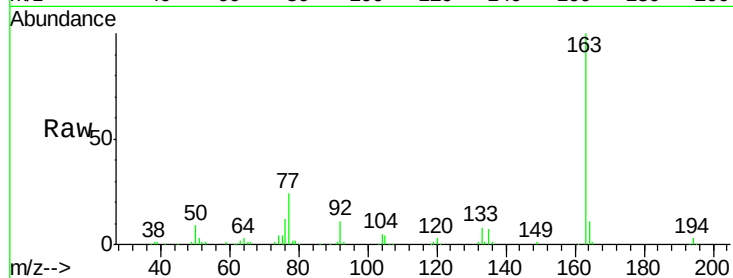
Tgt Ion:163 Resp: 307171

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.6

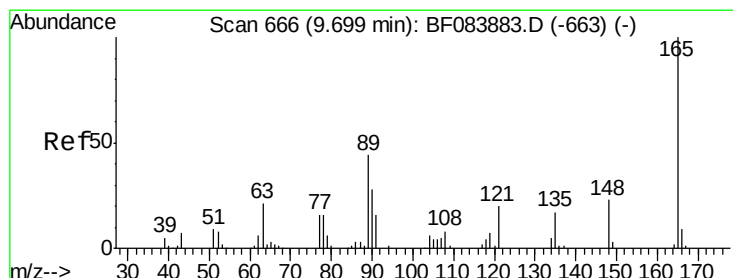
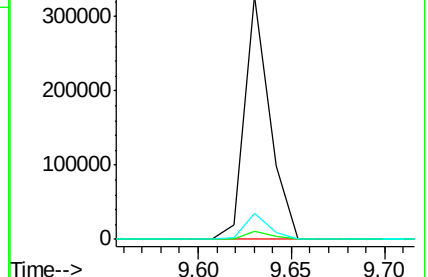
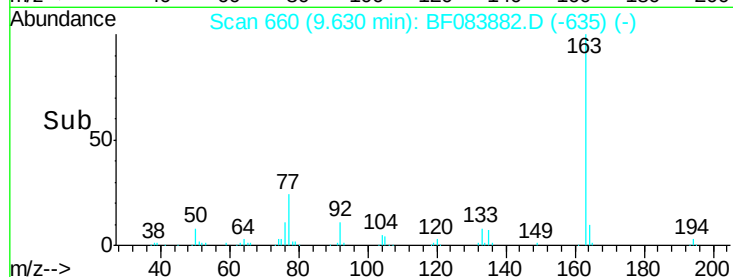
164 10.6 7.9 11.9



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: 25.68 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

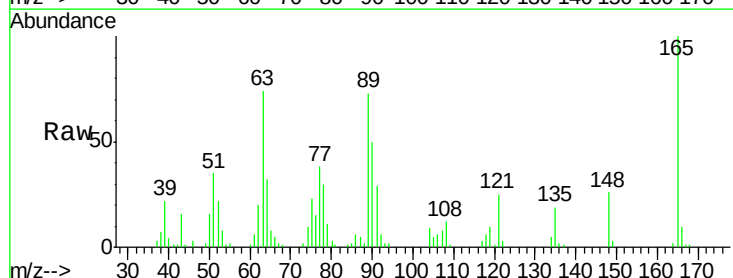
Tgt Ion:165 Resp: 66765

Ion Ratio Lower Upper

165 100

63 74.4 28.8 43.2#

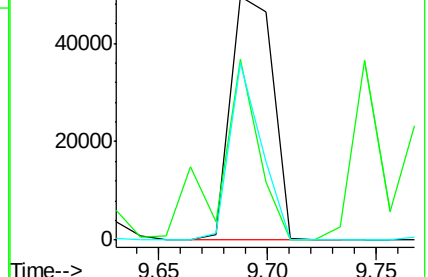
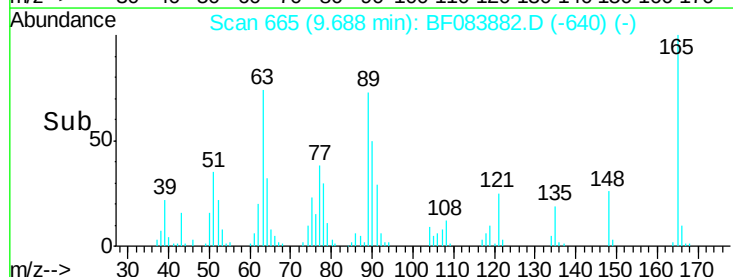
89 72.9 35.1 52.7#

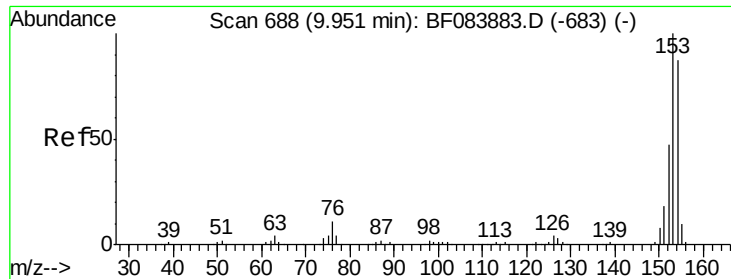


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 25.55 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

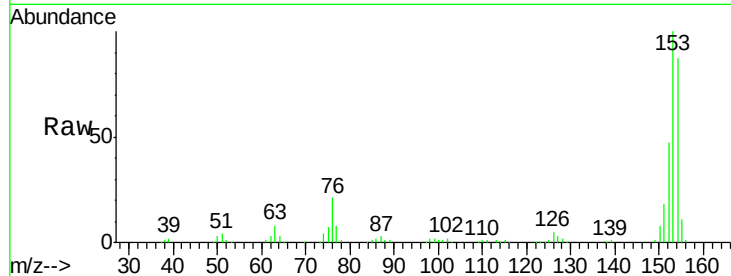
Tgt Ion:154 Resp: 264483

Ion Ratio Lower Upper

154 100

153 114.4 91.5 137.3

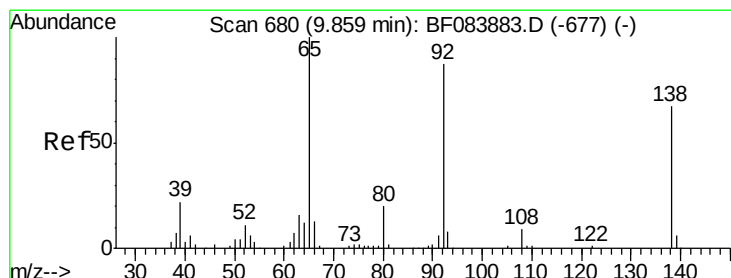
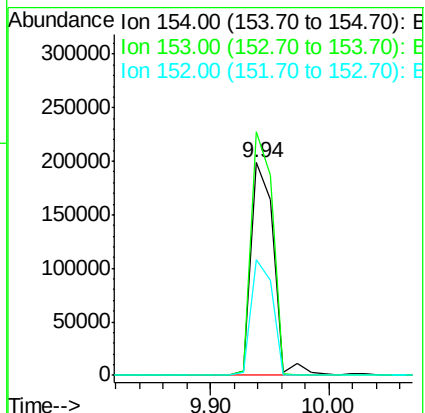
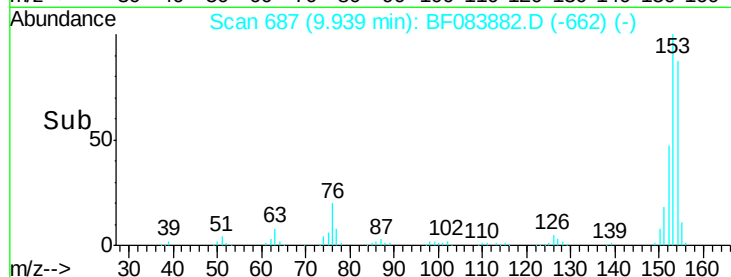
152 54.2 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

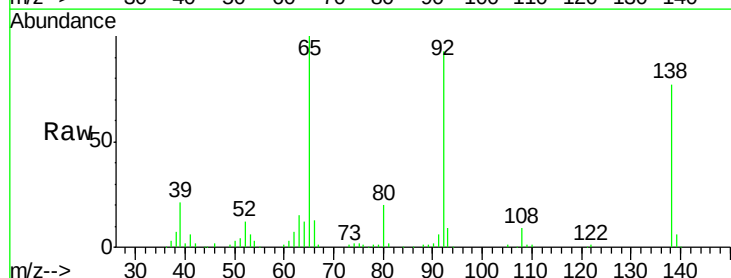
Tgt Ion:138 Resp: 74751

Ion Ratio Lower Upper

138 100

108 12.2 10.5 15.7

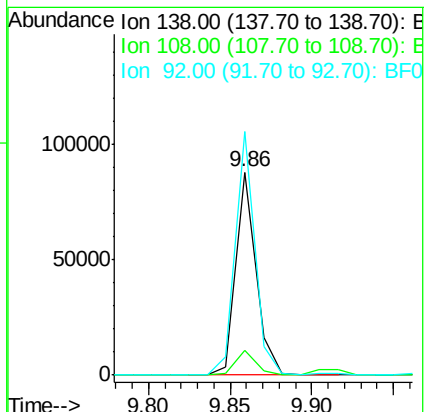
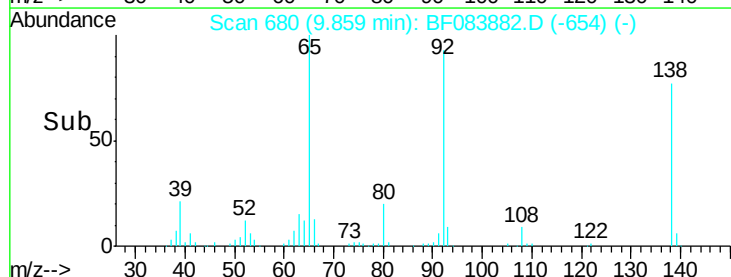
92 119.9 103.9 155.9

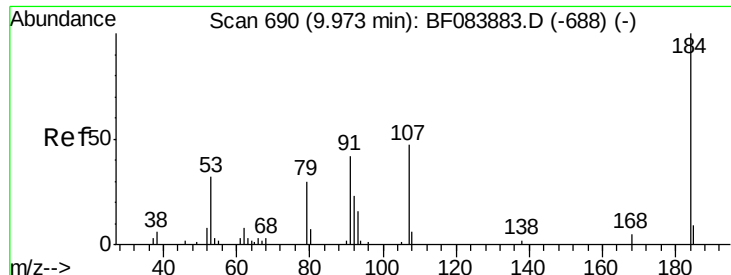


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

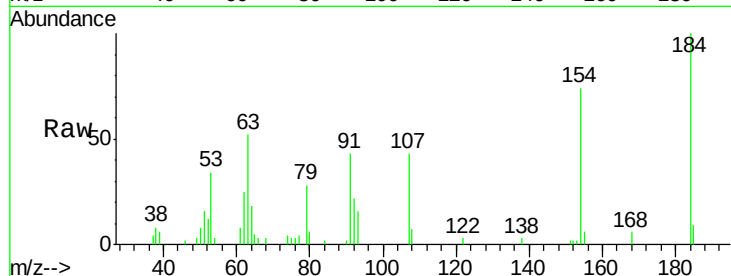




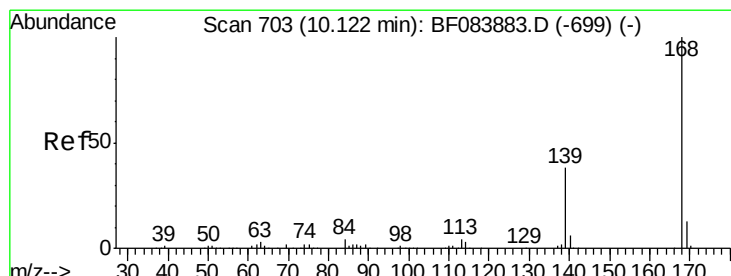
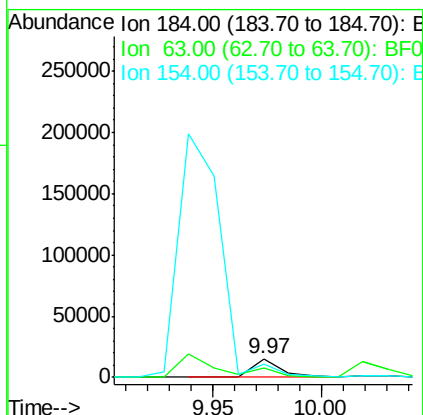
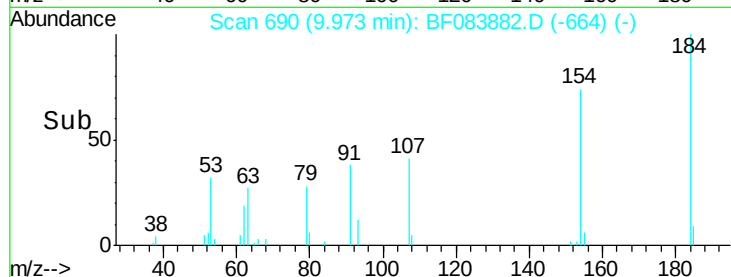
#53
2,4-Dinitrophenol
Concen: 17.54 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF083882.D
Acq: 17 Dec 2015 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion:184 Resp: 14325
Ion Ratio Lower Upper
184 100
63 52.3 43.1 64.7
154 74.0 60.5 90.7

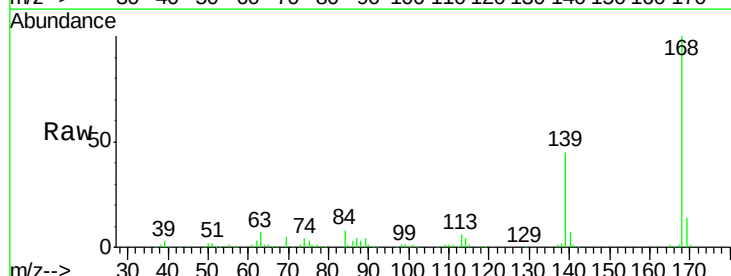


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

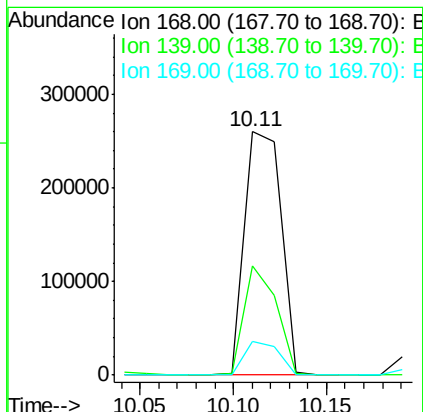
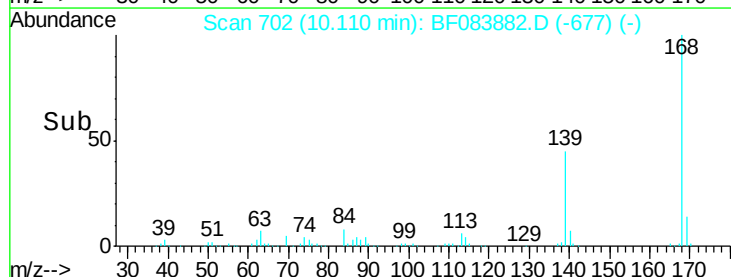


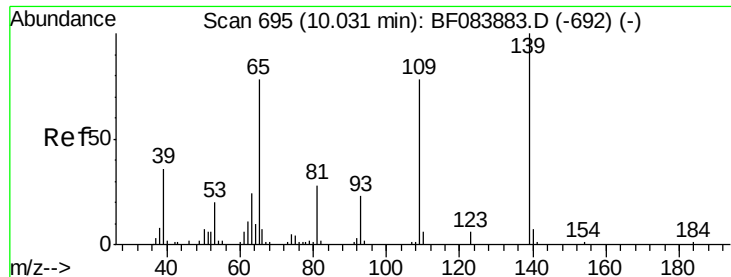
#54
Dibenzofuran
Concen: 25.80 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF083882.D
Acq: 17 Dec 2015 18:35

Tgt Ion:168 Resp: 353561
Ion Ratio Lower Upper
168 100
139 44.7 30.5 45.7
169 13.6 10.4 15.6



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

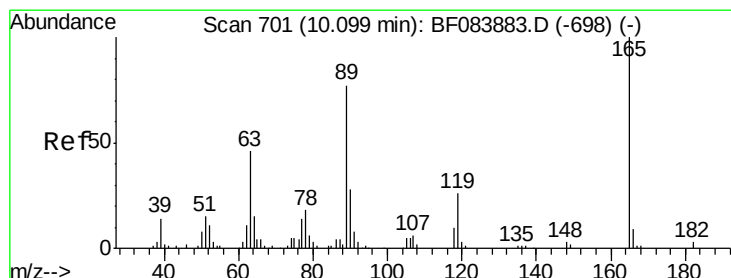
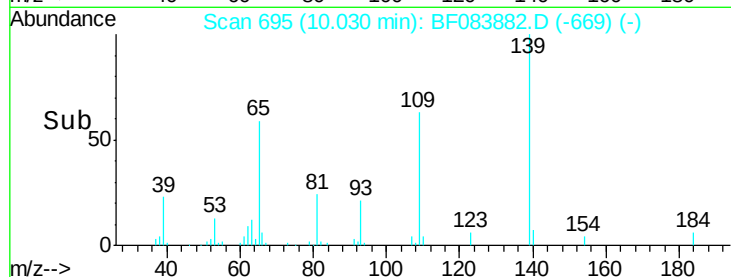
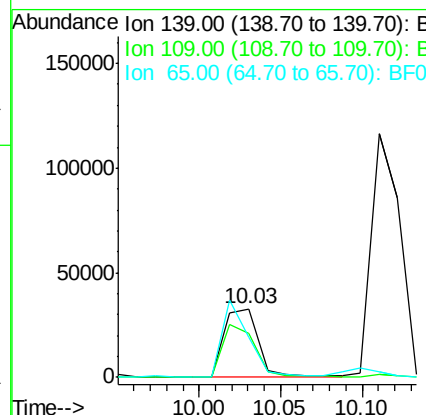
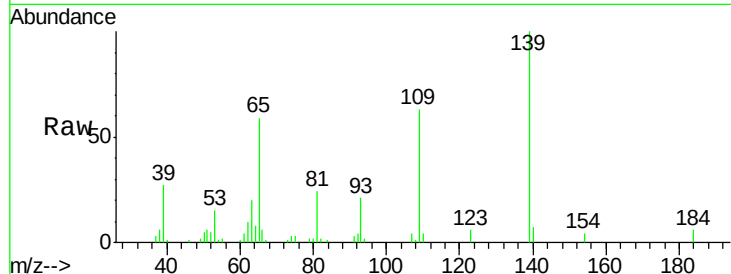




#55
4-Nitrophenol
Concen: 23.11 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF083882.D
Acq: 17 Dec 2015 18:35

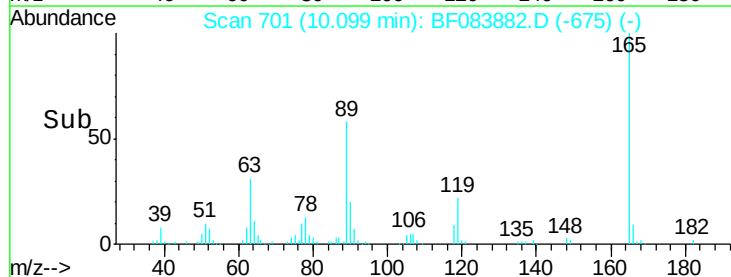
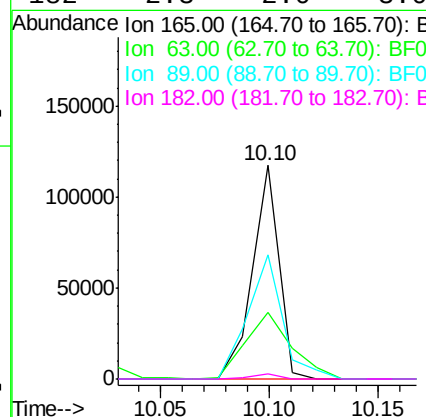
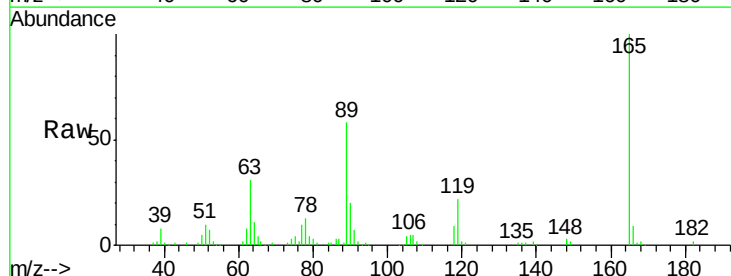
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

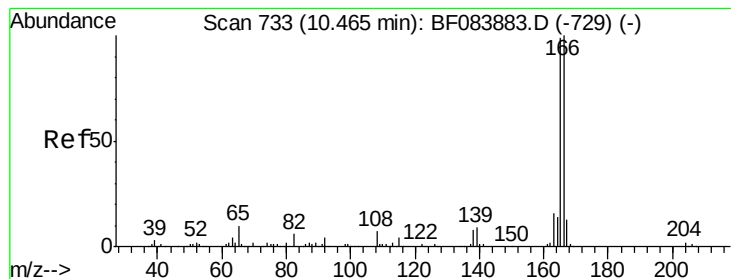
Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.0	58.5	98.5
65	58.8	57.6	97.6



#56
2,4-Dinitrotoluene
Concen: 29.58 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF083882.D
Acq: 17 Dec 2015 18:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	31.2	36.7	55.1#
89	58.1	61.9	92.9#
182	2.3	2.0	3.0





#57

Fluorene

Concen: 26.94 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

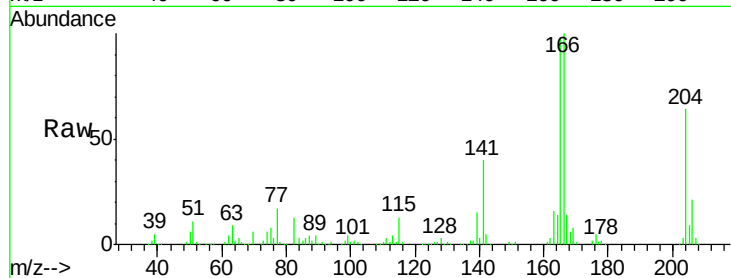
Tgt Ion:166 Resp: 293770

Ion Ratio Lower Upper

166 100

165 97.6 79.1 118.7

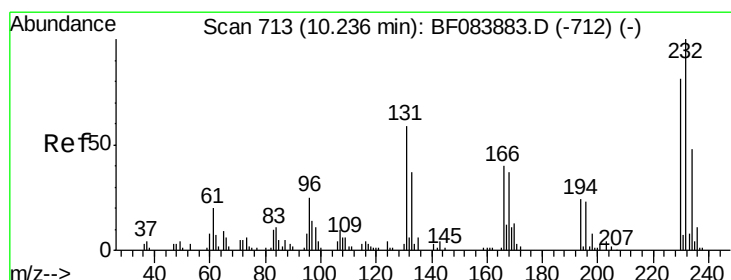
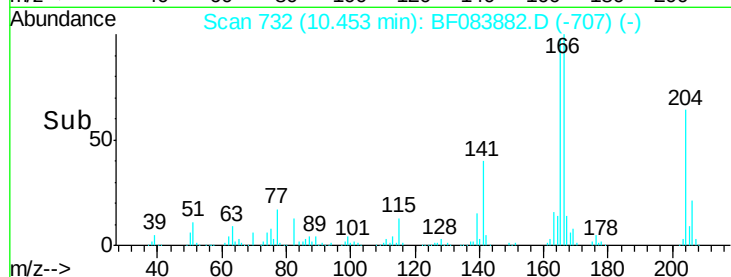
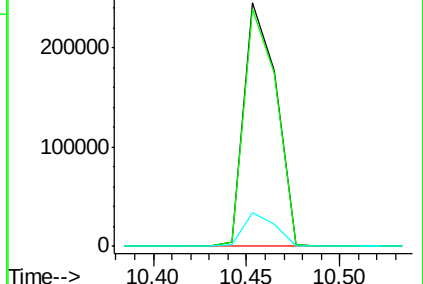
167 13.7 10.4 15.6



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: 26.93 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

Tgt Ion:232 Resp: 63684

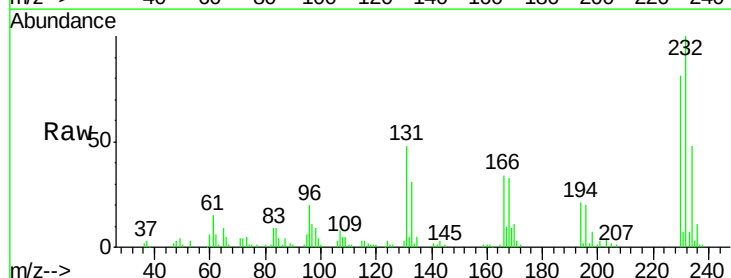
Ion Ratio Lower Upper

232 100

131 49.1 47.0 70.6

130 2.3 2.0 3.0

166 33.1 30.5 45.7

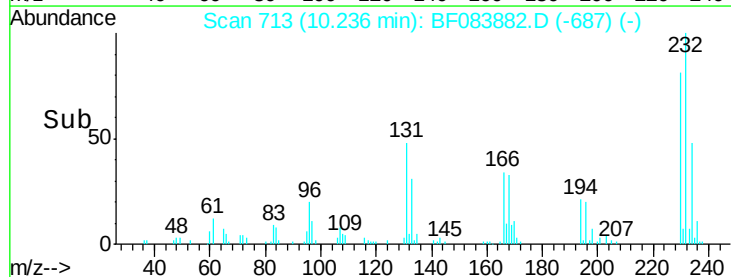
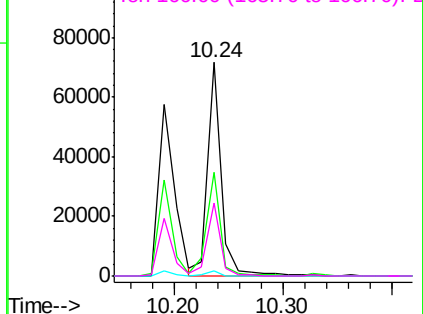


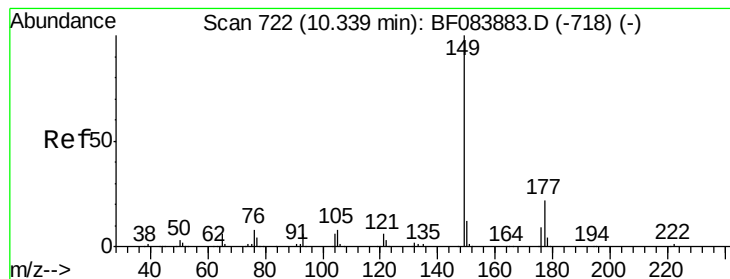
Abundance Ion 232.00 (231.70 to 232.70): E

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: 26.35 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

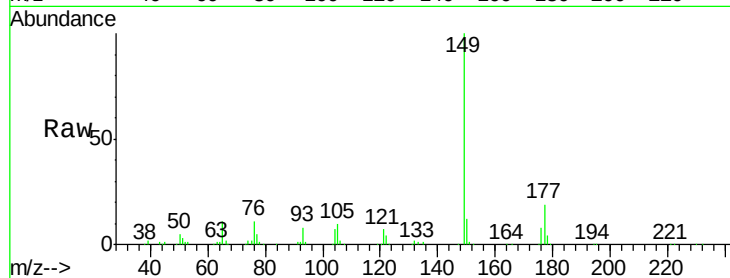
Tgt Ion:149 Resp: 323111

Ion Ratio Lower Upper

149 100

177 18.8 17.3 25.9

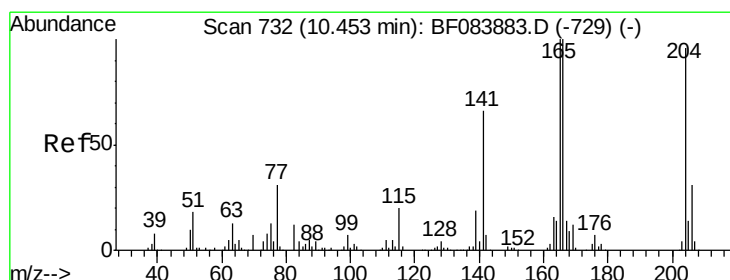
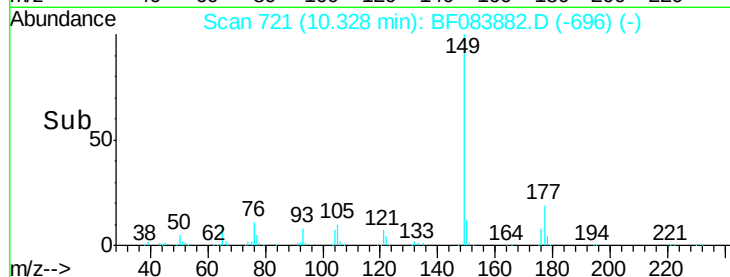
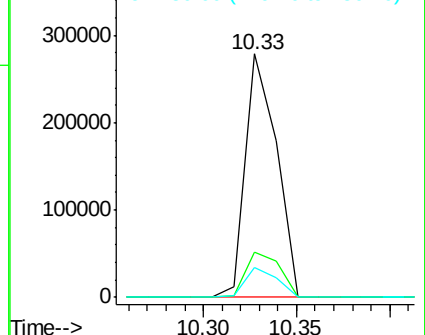
150 12.3 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 29.01 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

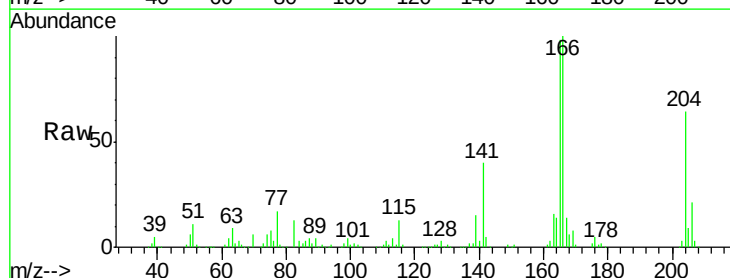
Tgt Ion:204 Resp: 142756

Ion Ratio Lower Upper

204 100

206 33.0 25.7 38.5

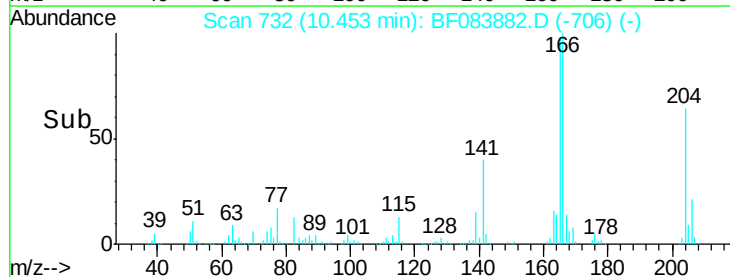
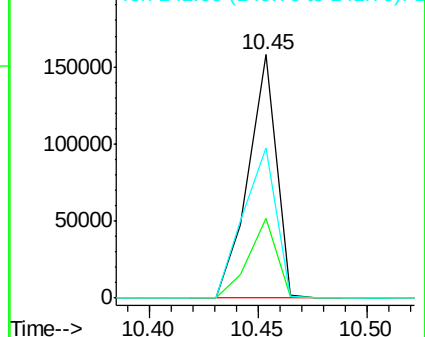
141 61.5 55.1 82.7

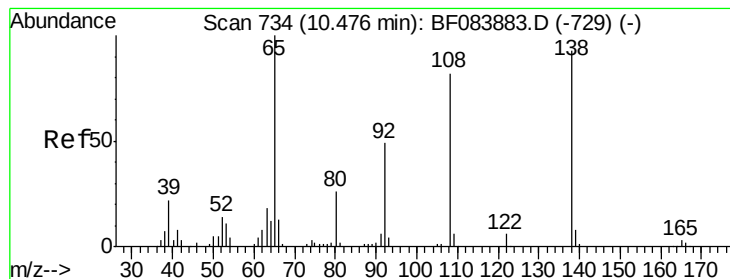


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 30.66 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

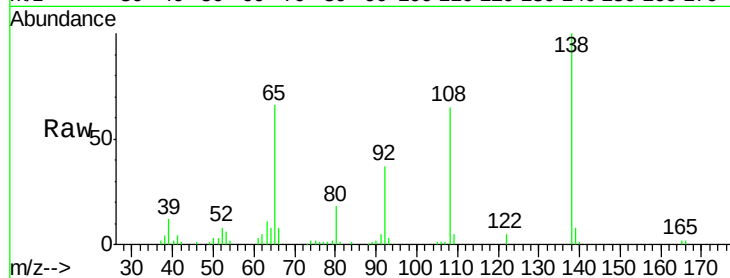
Tgt Ion:138 Resp: 80357

Ion Ratio Lower Upper

138 100

92 37.0 32.6 72.6

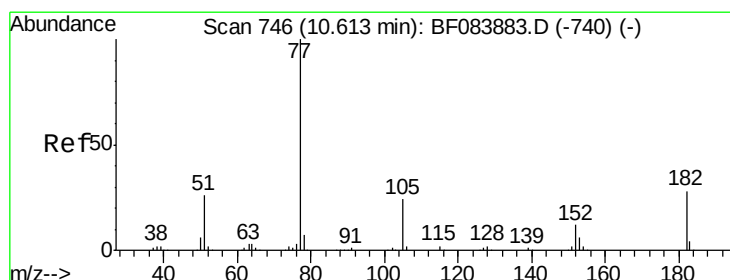
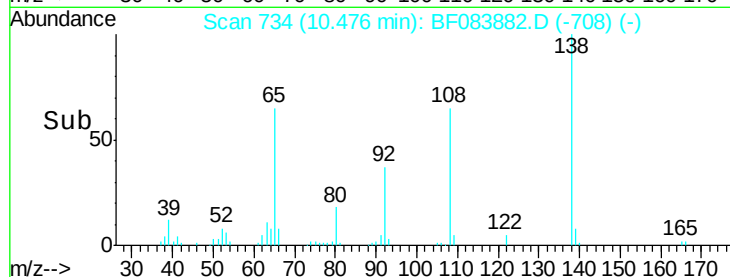
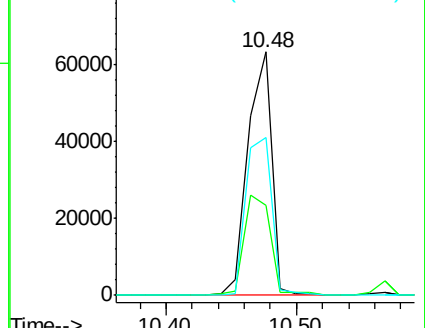
108 64.8 68.6 108.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 25.97 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

Tgt Ion: 77 Resp: 287570

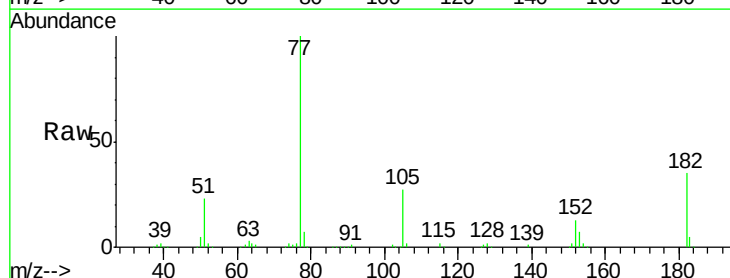
Ion Ratio Lower Upper

77 100

182 35.4 8.3 48.3

105 27.2 4.6 44.6

51 23.3 6.2 46.2

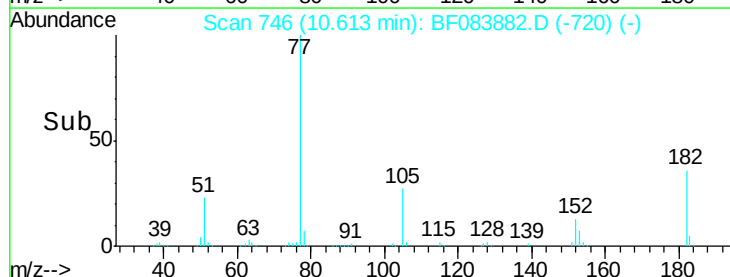
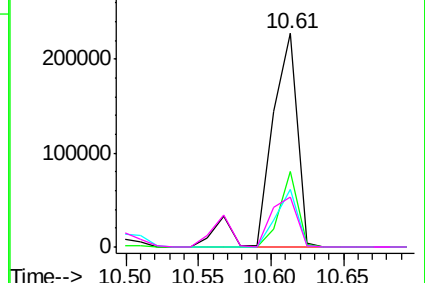


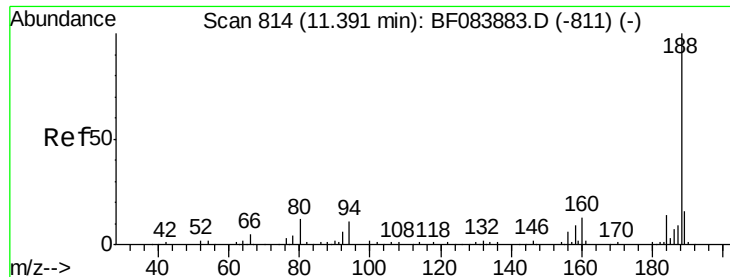
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

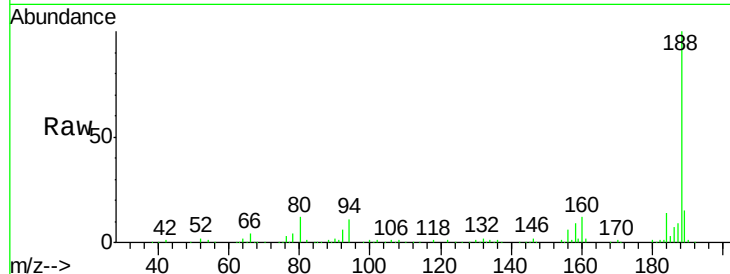




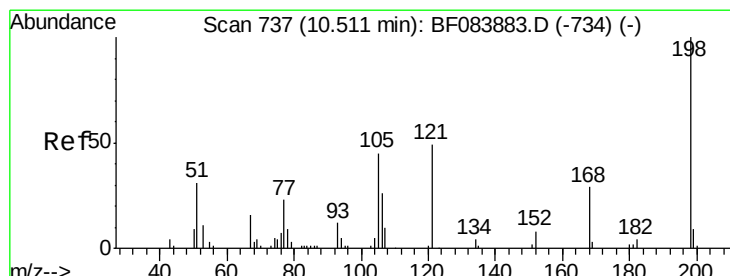
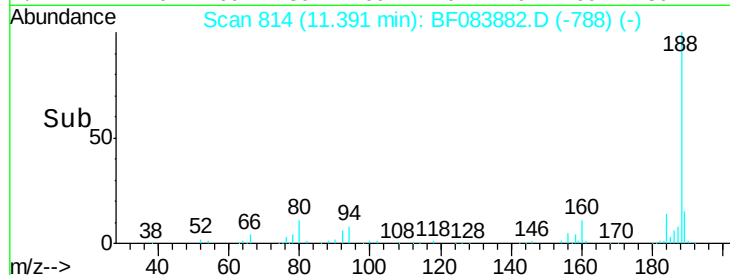
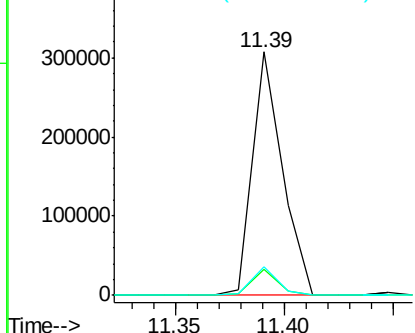
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083882.D
Acq: 17 Dec 2015 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tgt Ion:188 Resp: 293856
Ion Ratio Lower Upper
188 100
94 10.9 9.0 13.4
80 11.6 9.6 14.4

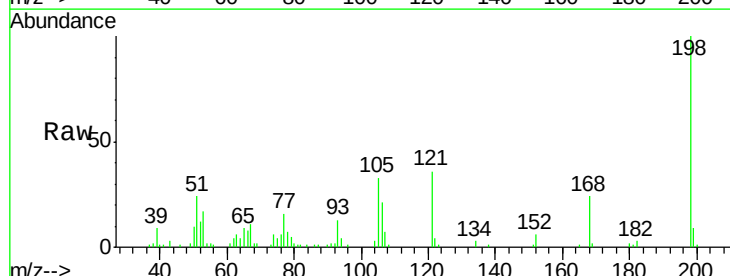


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

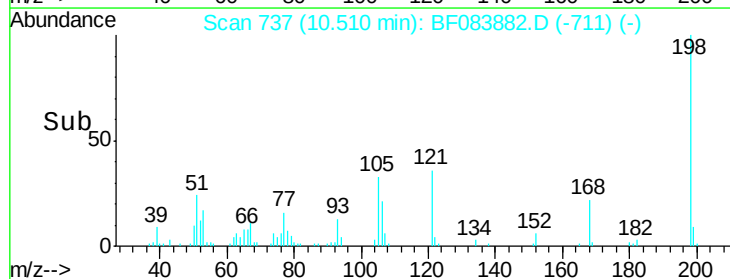
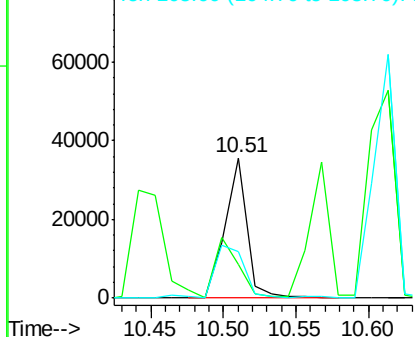


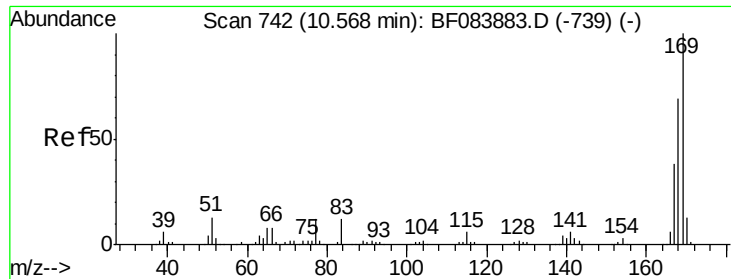
#64
4,6-Dinitro-2-methylphenol
Concen: 23.02 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF083882.D
Acq: 17 Dec 2015 18:35

Tgt Ion:198 Resp: 37500
Ion Ratio Lower Upper
198 100
51 24.1 18.9 58.9
105 33.5 26.4 66.4



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

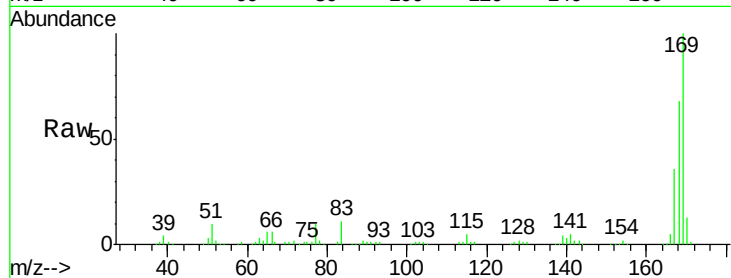




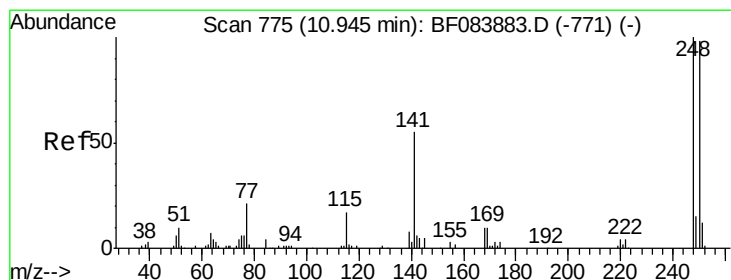
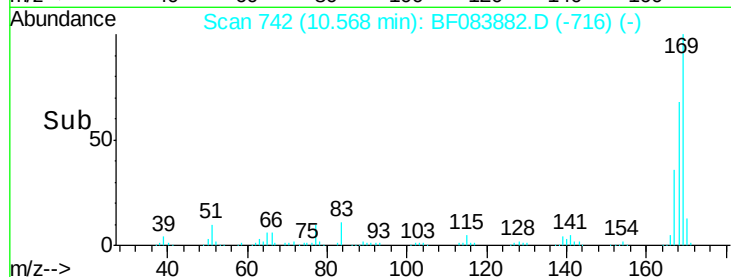
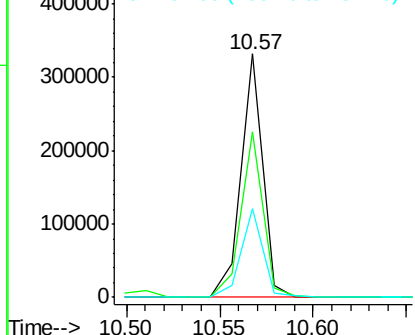
#65
 n-Nitrosodiphenylamine
 Concen: 27.56 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF083882.D
 Acq: 17 Dec 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion:169 Resp: 270813
 Ion Ratio Lower Upper
 169 100
 168 68.1 55.1 82.7
 167 36.5 30.0 45.0

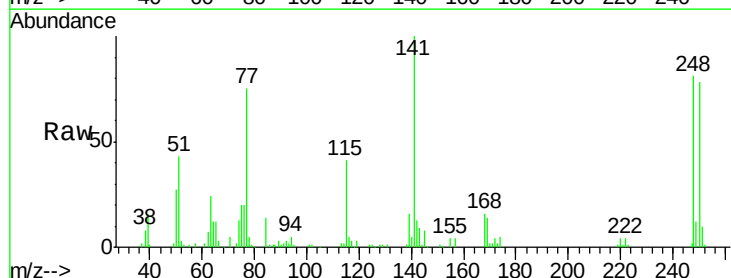


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

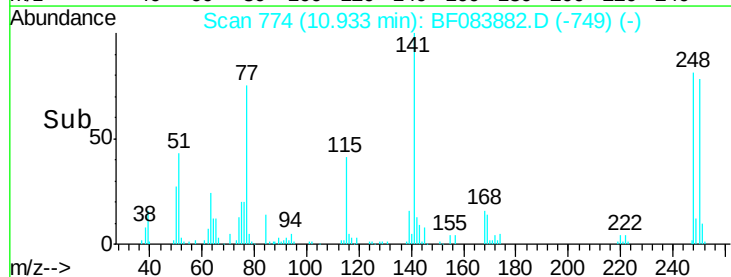
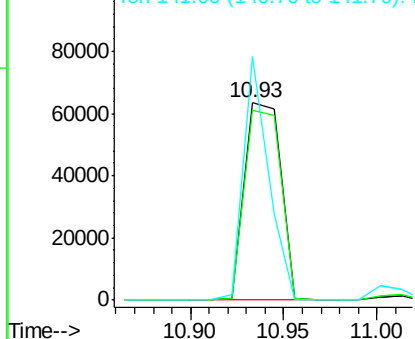


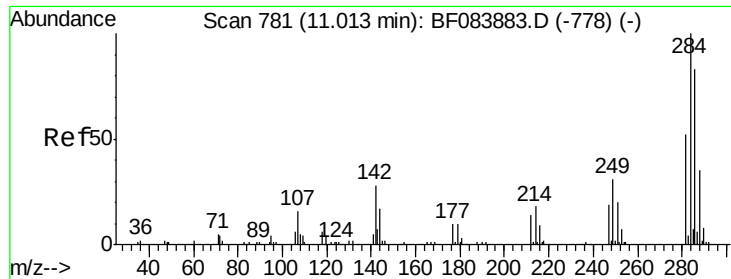
#66
 4-Bromophenyl-phenylether
 Concen: 26.42 ng
 RT: 10.93 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF083882.D
 Acq: 17 Dec 2015 18:35

Tgt Ion:248 Resp: 86458
 Ion Ratio Lower Upper
 248 100
 250 96.2 78.4 117.6
 141 123.6 44.0 66.0#



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: 26.59 ng

RT: 11.01 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

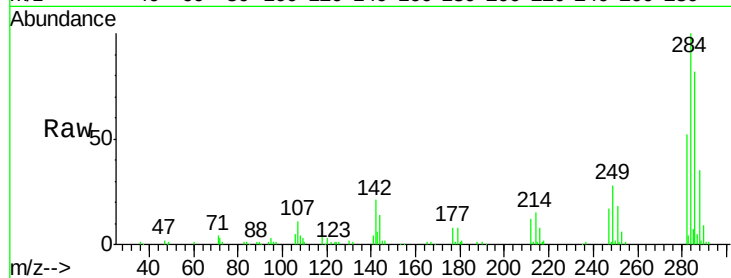
Tgt Ion:284 Resp: 94908

Ion Ratio Lower Upper

284 100

142 20.7 22.2 33.4#

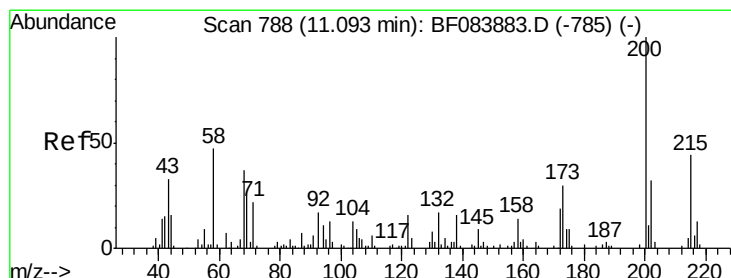
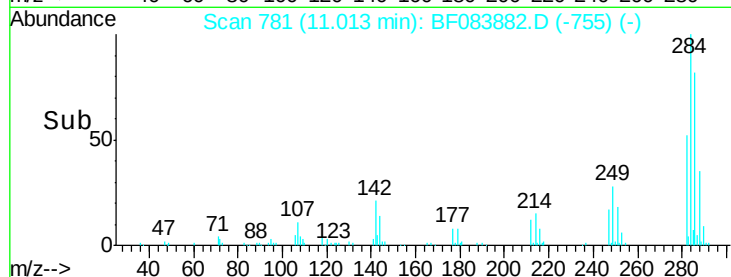
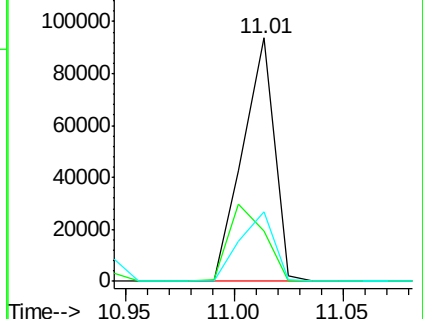
249 28.4 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 31.29 ng

RT: 11.09 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

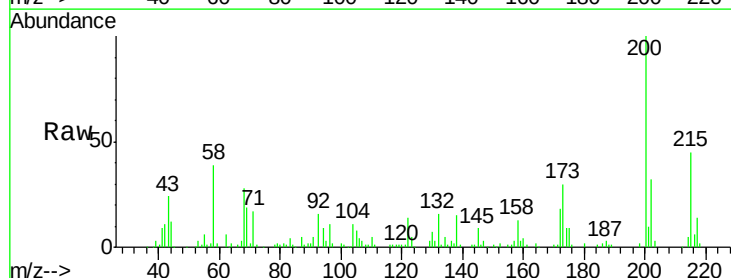
Tgt Ion:200 Resp: 87403

Ion Ratio Lower Upper

200 100

173 29.7 9.5 49.5

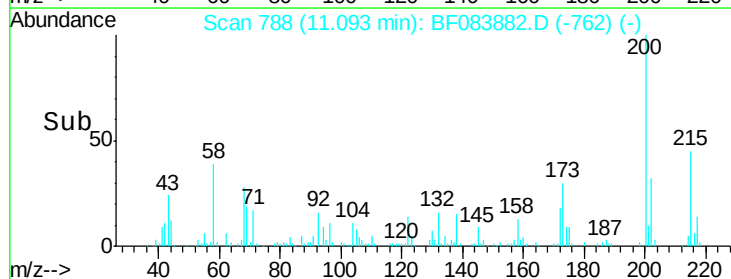
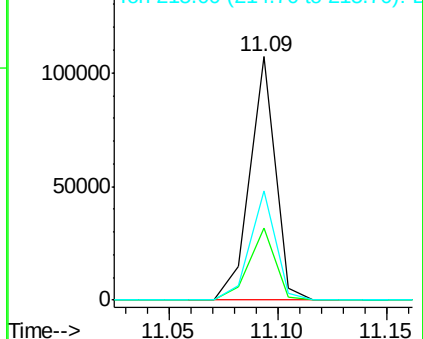
215 44.7 23.8 63.8

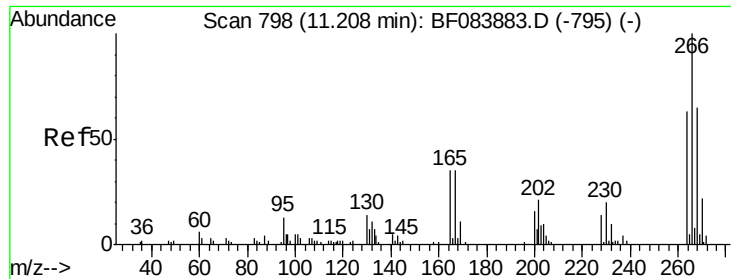


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

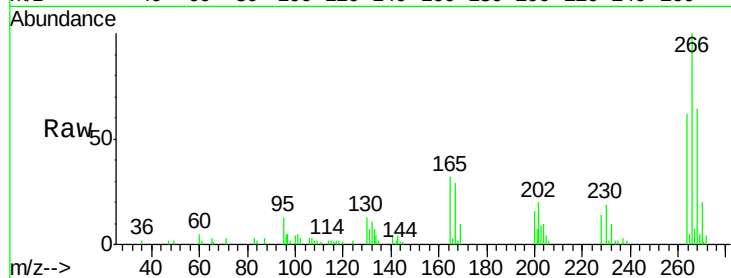




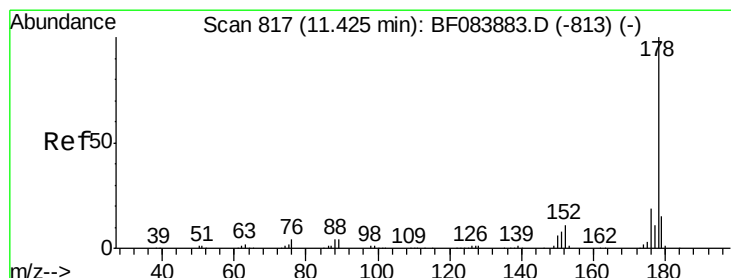
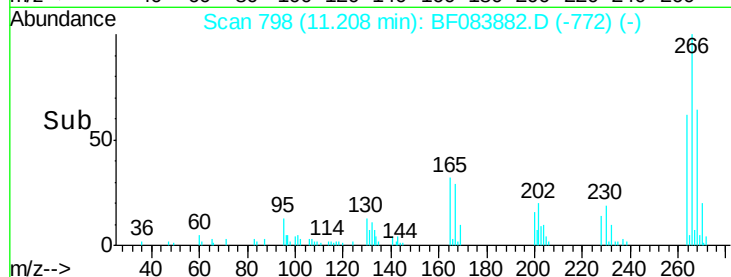
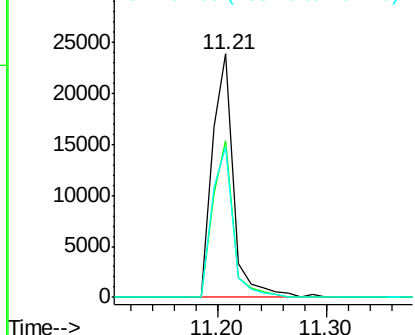
#69
 Pentachlorophenol
 Concen: 17.62 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF083882.D
 Acq: 17 Dec 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion:266 Resp: 32536
 Ion Ratio Lower Upper
 266 100
 268 64.5 52.4 78.6
 264 61.7 50.2 75.2

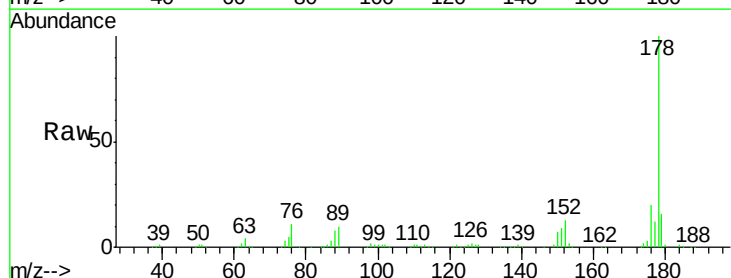


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

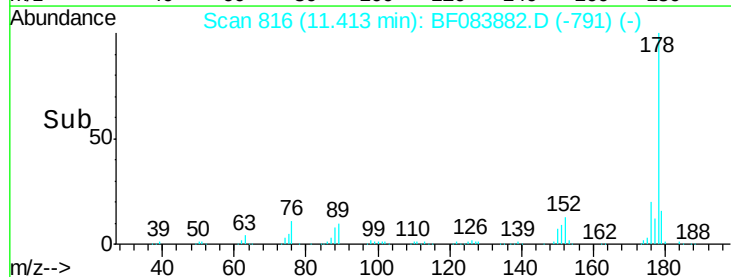
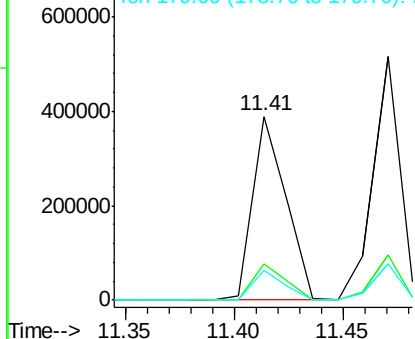


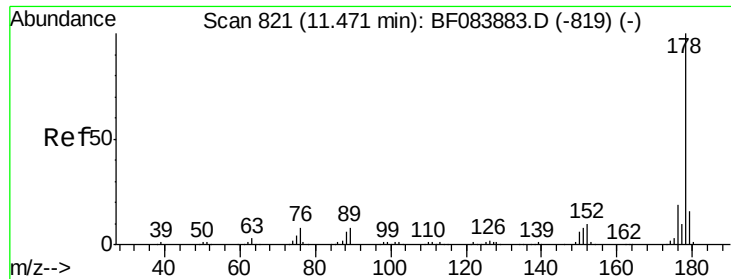
#70
 Phenanthrene
 Concen: 26.44 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF083882.D
 Acq: 17 Dec 2015 18:35

Tgt Ion:178 Resp: 414549
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.3 22.9
 179 16.2 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

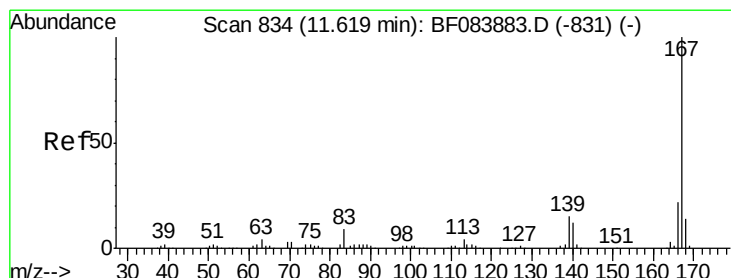
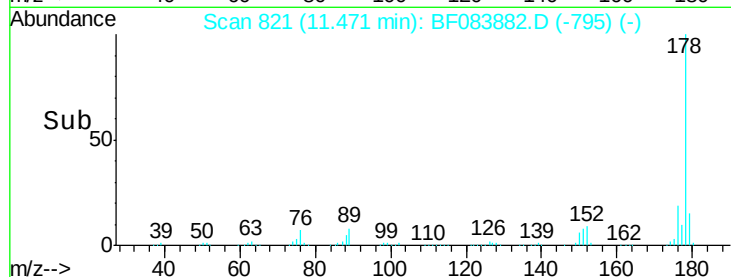
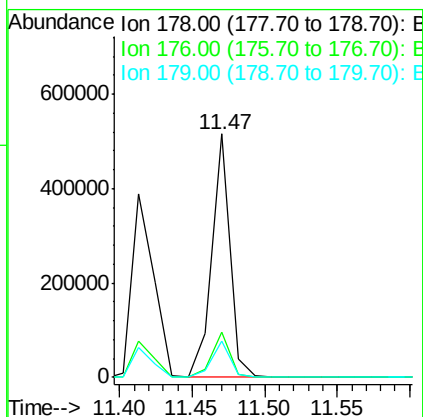
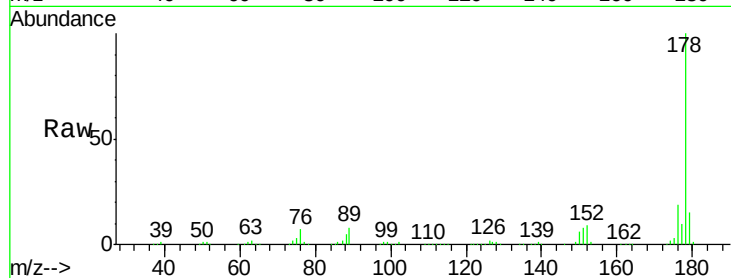




#71
 Anthracene
 Concen: 27.80 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF083882.D
 Acq: 17 Dec 2015 18:35

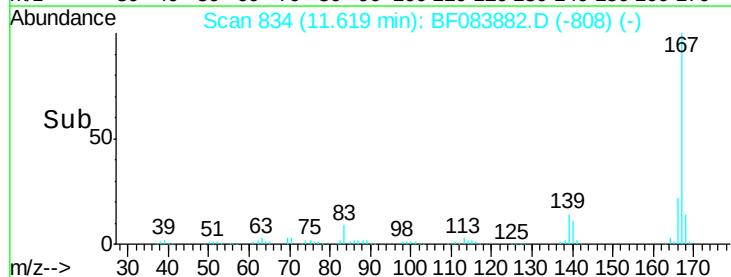
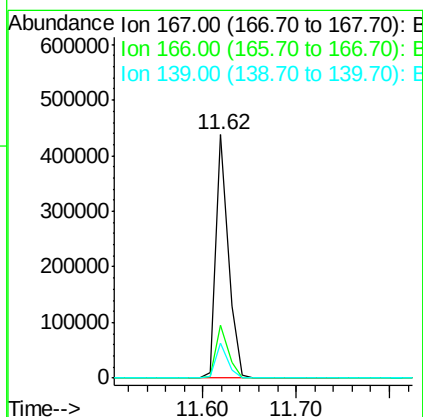
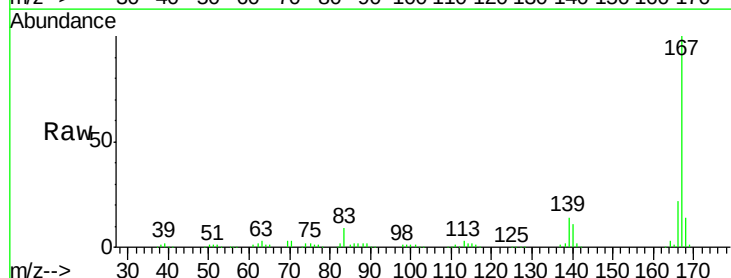
Instrument :
 BNA_F
 ClientSampleId :
 SSTDIC025

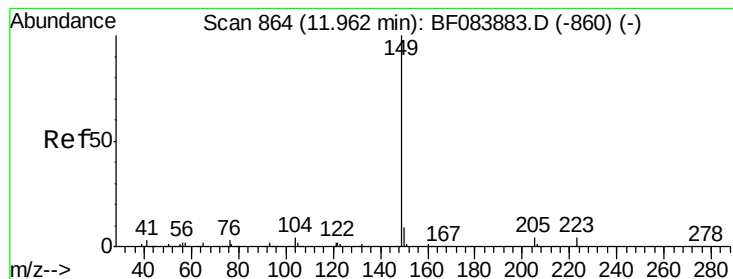
Tgt Ion:178 Resp: 446971
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.0
 179 15.1 12.5 18.7



#72
 Carbazole
 Concen: 27.16 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF083882.D
 Acq: 17 Dec 2015 18:35

Tgt Ion:167 Resp: 403415
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 14.2 11.8 17.8





#73

Di-n-butylphthalate

Concen: 24.65 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

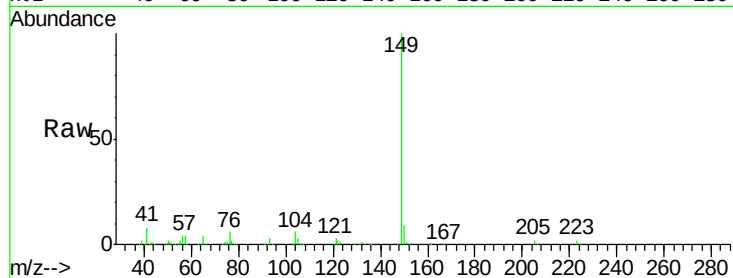
Tgt Ion:149 Resp: 457938

Ion Ratio Lower Upper

149 100

150 9.1 7.1 10.7

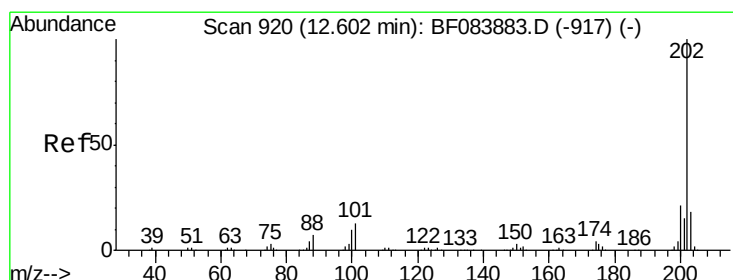
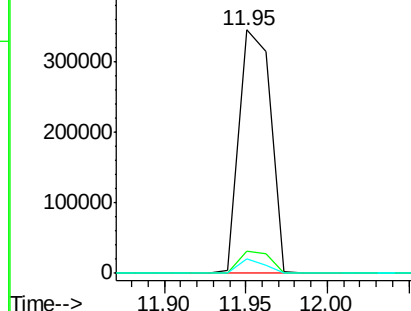
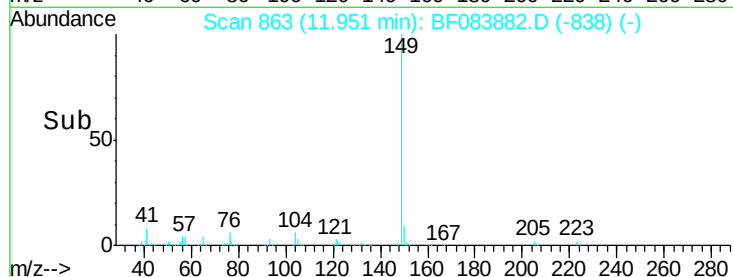
104 5.9 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 22.68 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

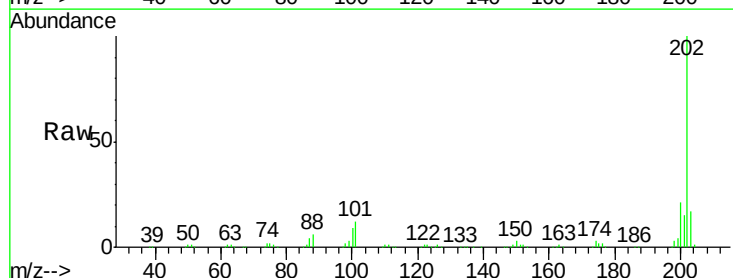
Tgt Ion:202 Resp: 360858

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.8

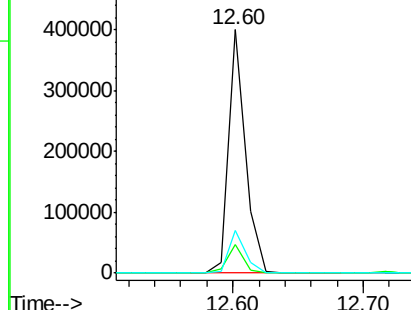
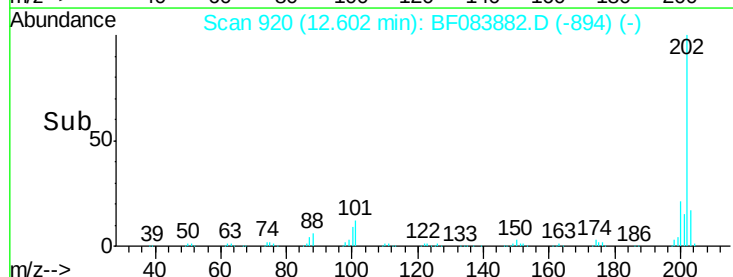
203 17.4 0.0 37.9

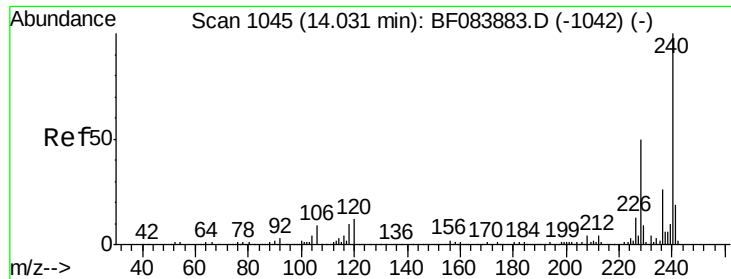


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

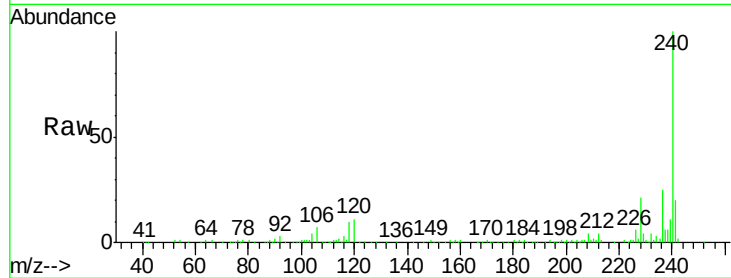
Tgt Ion:240 Resp: 208796

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

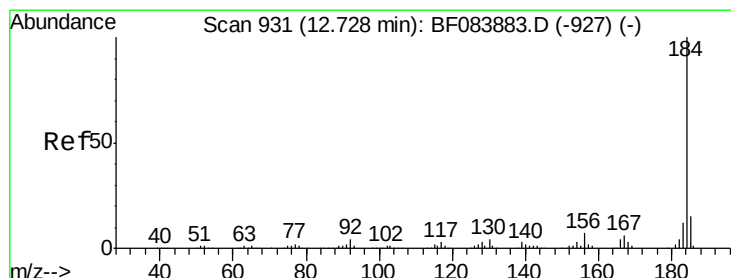
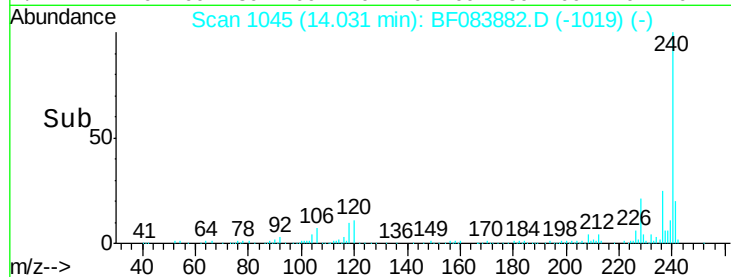
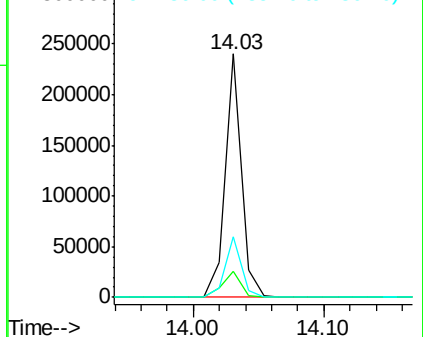
236 25.1 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.93 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

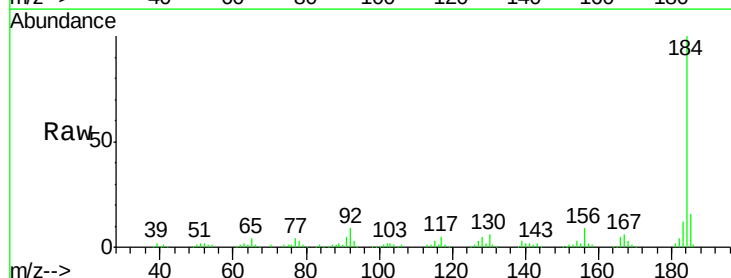
Tgt Ion:184 Resp: 221822

Ion Ratio Lower Upper

184 100

185 15.5 12.2 18.2

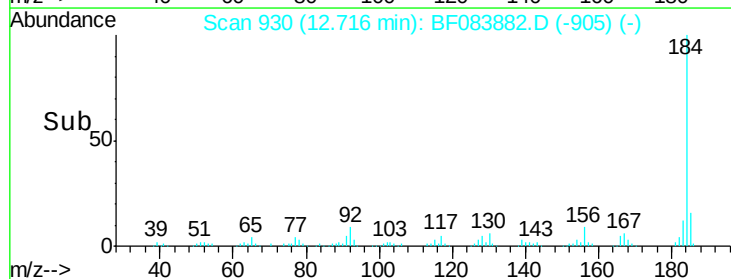
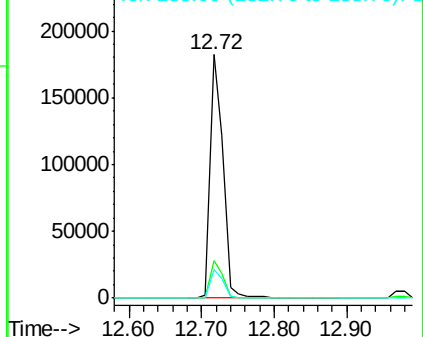
183 11.9 9.8 14.8

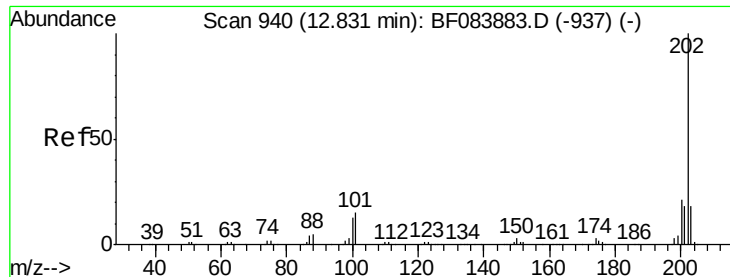


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

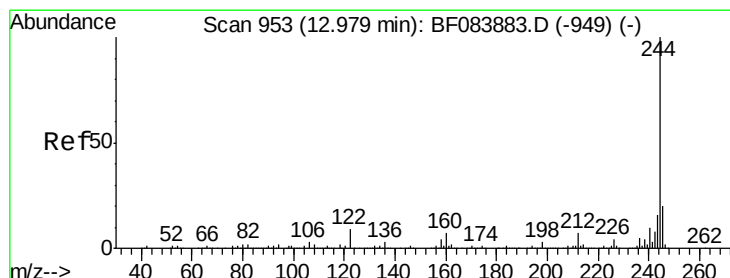
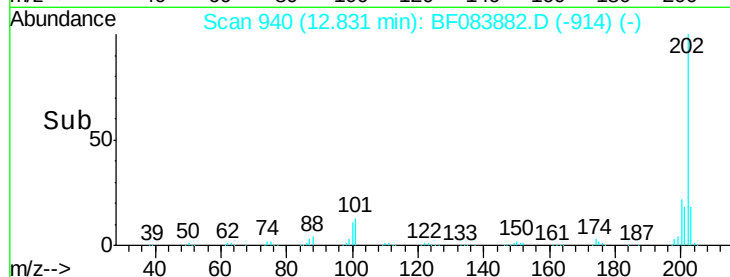
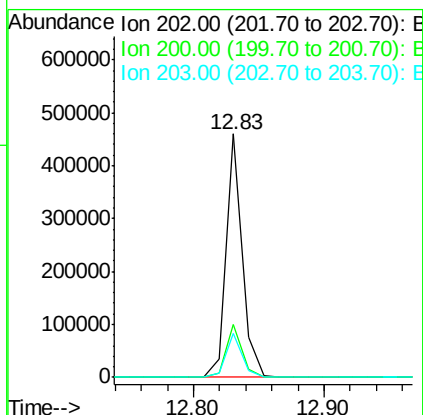
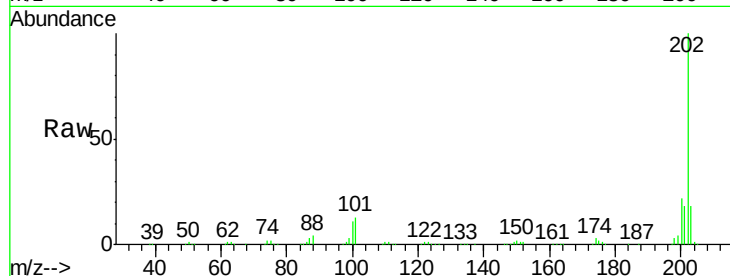




#77
Pyrene
 Concen: 25.08 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF083882.D
 Acq: 17 Dec 2015 18:35

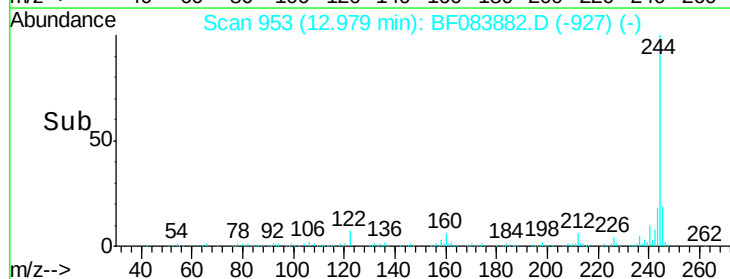
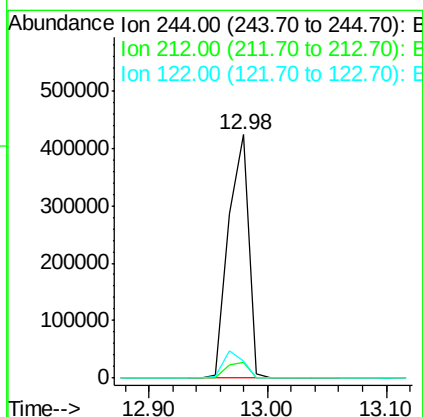
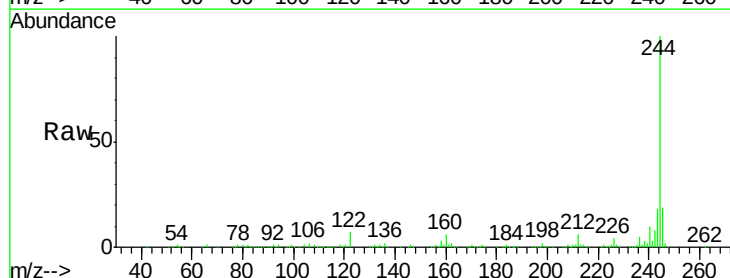
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

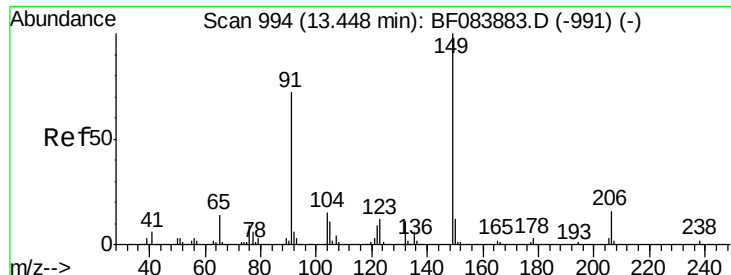
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.2	25.8
203	18.1	14.3	21.5



#78
Terphenyl-d14
 Concen: 51.58 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF083882.D
 Acq: 17 Dec 2015 18:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	6.8	7.4	11.0

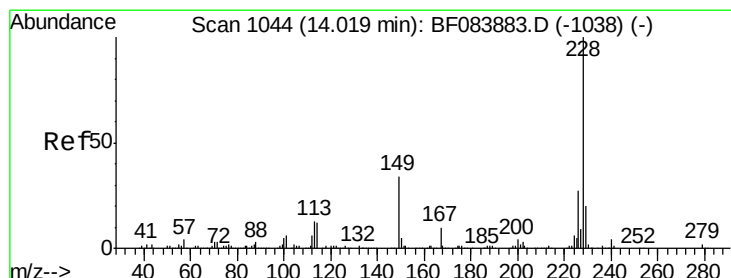
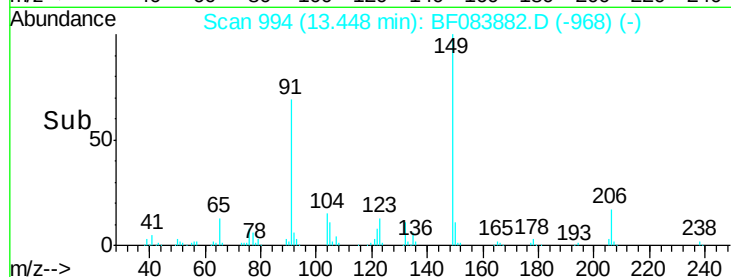
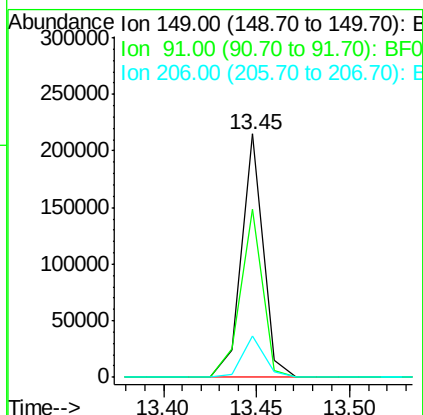
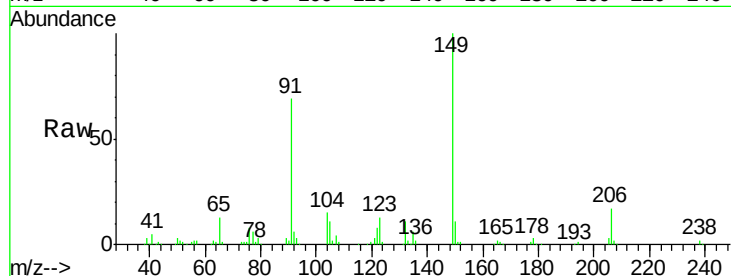




#79
Butylbenzylphthalate
Concen: 25.79 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF083882.D
Acq: 17 Dec 2015 18:35

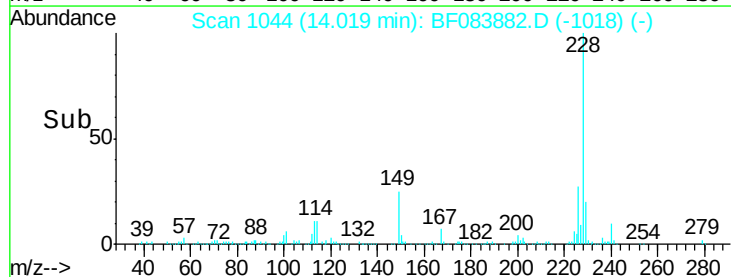
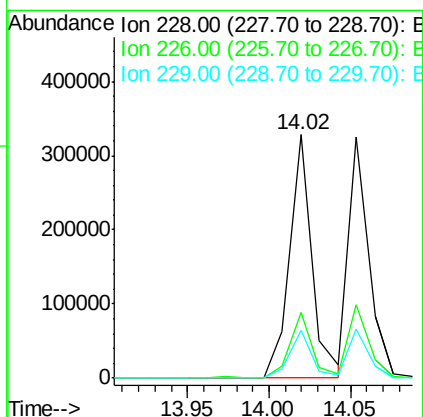
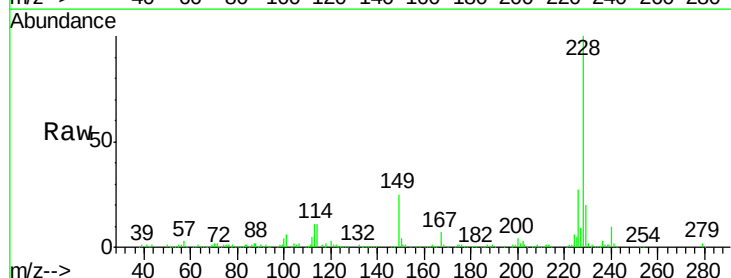
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

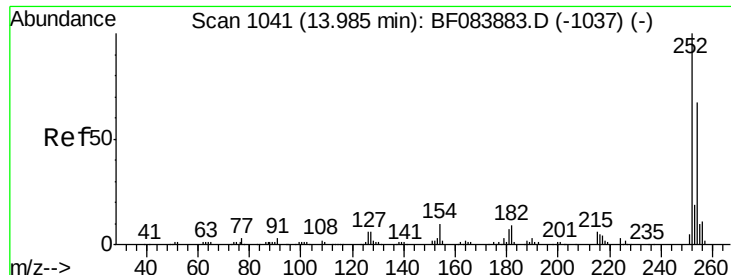
Tgt Ion:149 Resp: 174483
Ion Ratio Lower Upper
149 100
91 68.8 57.6 86.4
206 17.1 13.2 19.8



#80
Benzo(a)anthracene
Concen: 27.08 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF083882.D
Acq: 17 Dec 2015 18:35

Tgt Ion:228 Resp: 315846
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.6
229 19.7 15.8 23.8

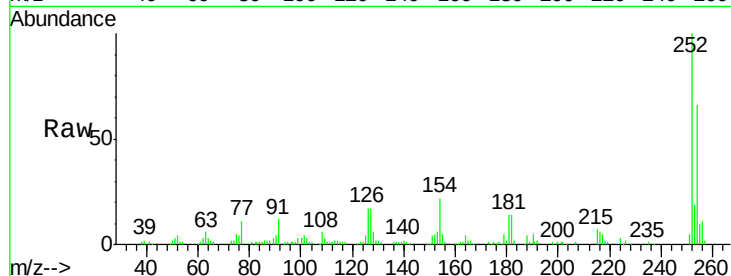




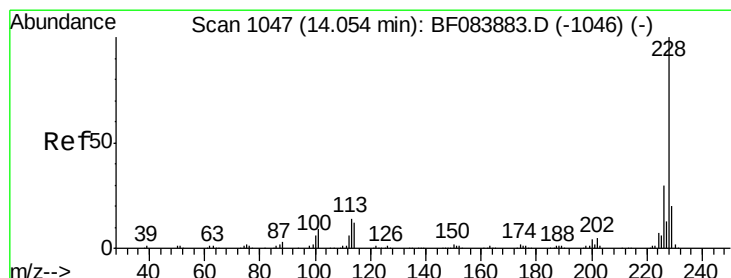
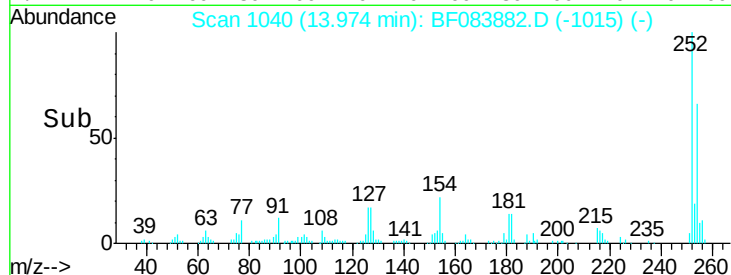
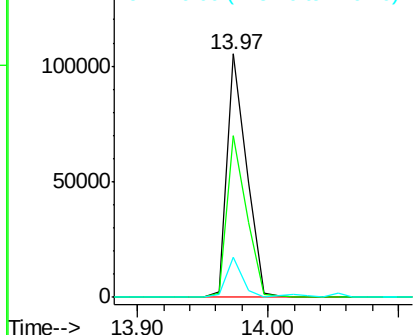
#81
 3,3'-Dichlorobenzidine
 Concen: 25.98 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF083882.D
 Acq: 17 Dec 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion: 252 Resp: 109630
 Ion Ratio Lower Upper
 252 100
 254 66.3 53.5 80.3
 126 16.6 4.9 7.3#

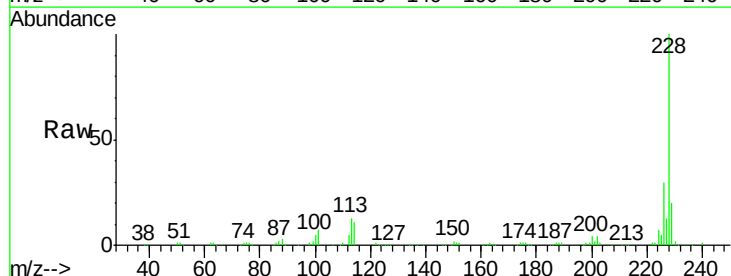


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

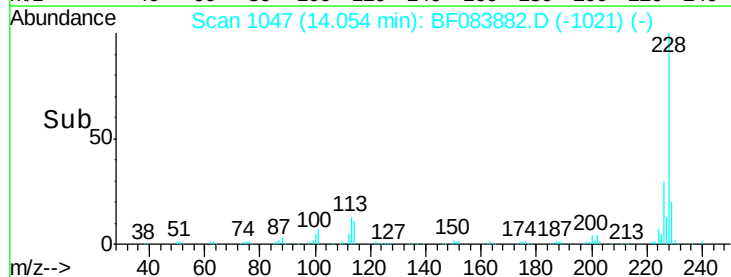
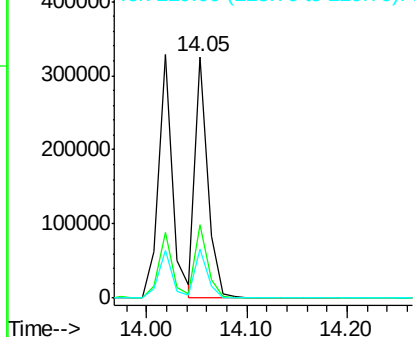


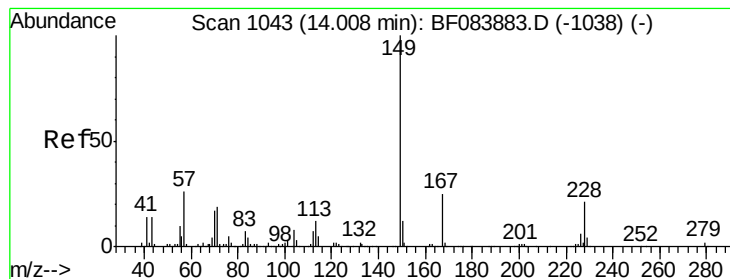
#82
 Chrysene
 Concen: 25.45 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF083882.D
 Acq: 17 Dec 2015 18:35

Tgt Ion: 228 Resp: 288766
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.3 36.5
 229 20.3 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 28.20 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

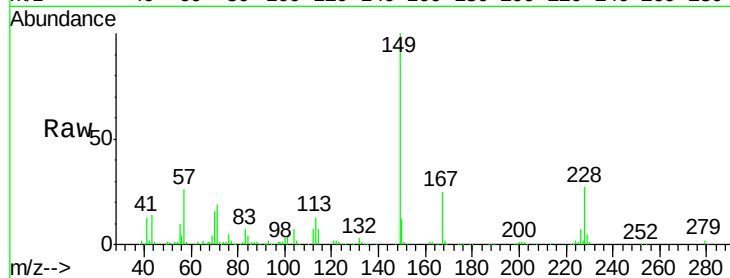
Tgt Ion:149 Resp: 223972

Ion Ratio Lower Upper

149 100

167 24.9 19.7 29.5

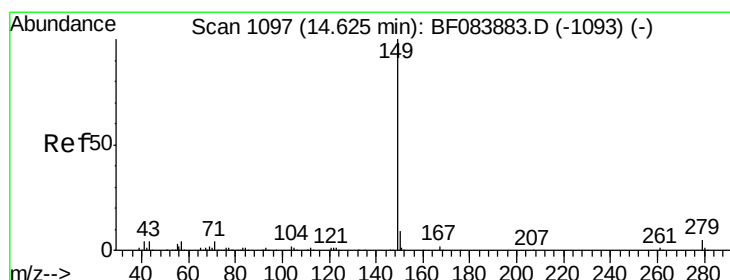
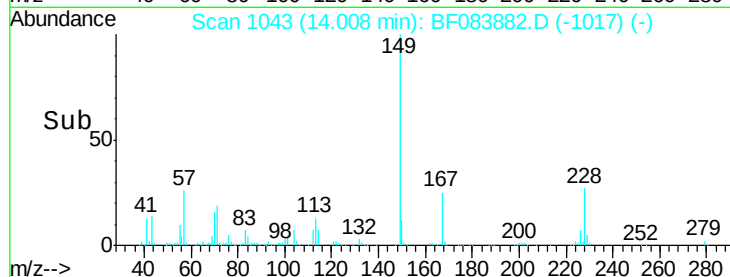
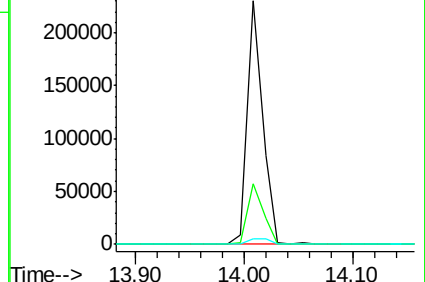
279 2.2 1.8 2.6



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: 28.14 ng

RT: 14.61 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

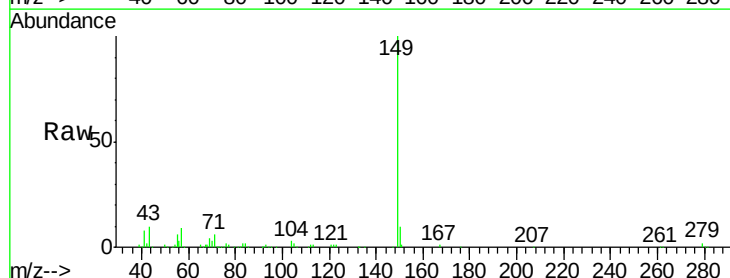
Tgt Ion:149 Resp: 360369

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

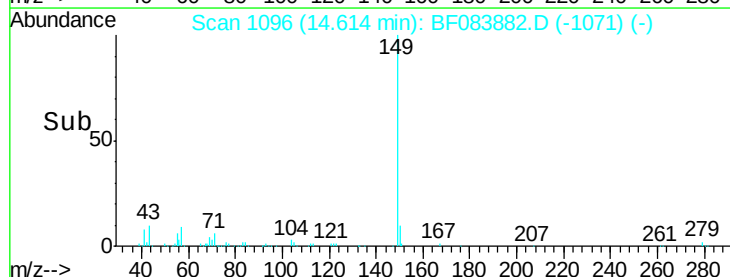
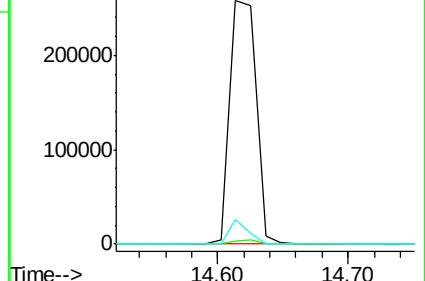
43 7.3 5.6 8.4

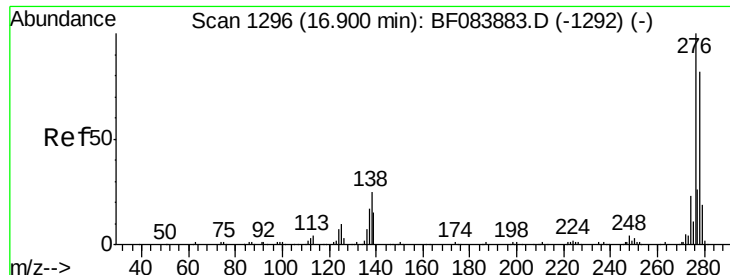


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

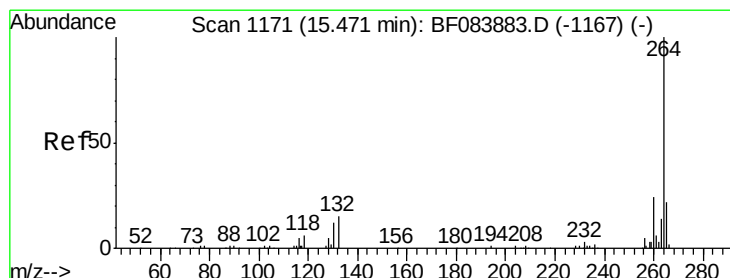
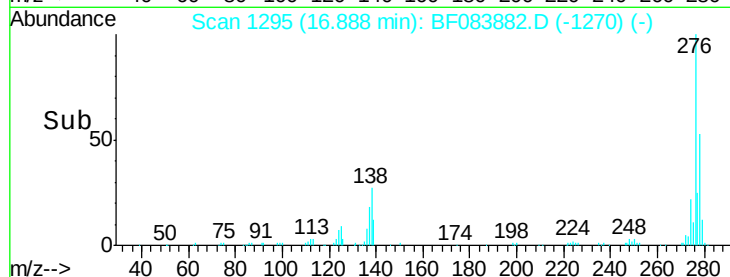
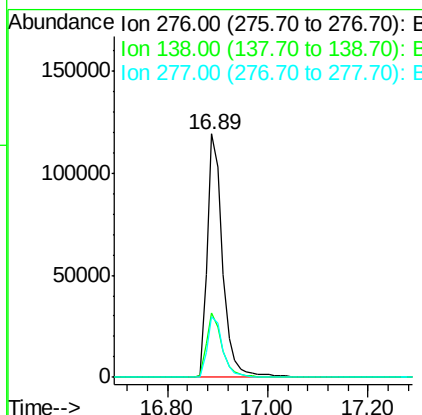
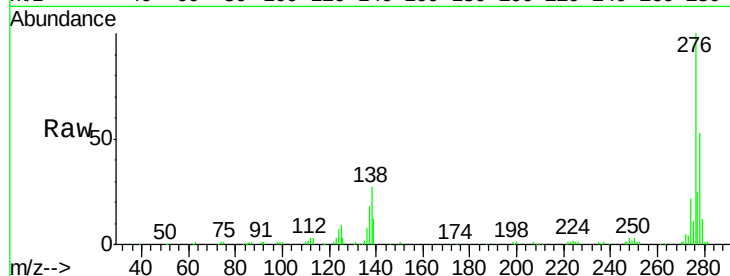




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 23.02 ng
 RT: 16.89 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF083882.D
 Acq: 17 Dec 2015 18:35

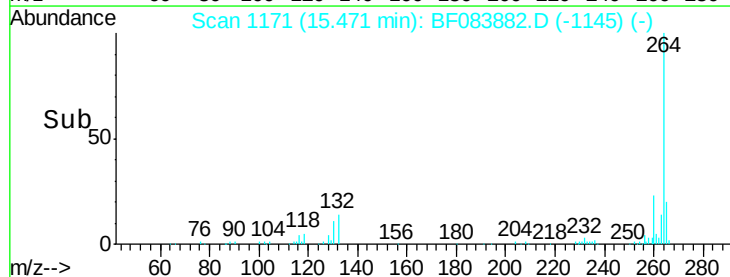
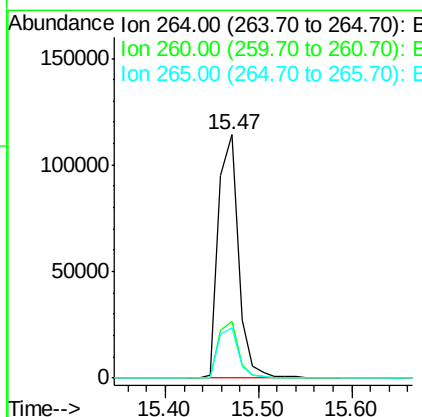
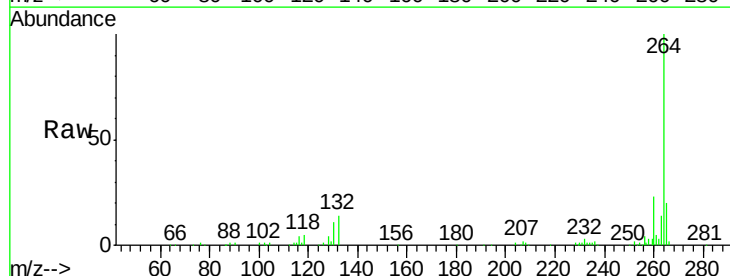
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

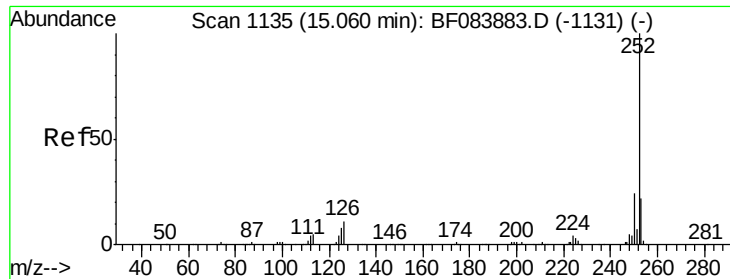
Tgt Ion: 276 Resp: 253244
 Ion Ratio Lower Upper
 276 100
 138 26.5 20.6 30.8
 277 24.9 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF083882.D
 Acq: 17 Dec 2015 18:35

Tgt Ion: 264 Resp: 170682
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 20.5 17.8 26.6

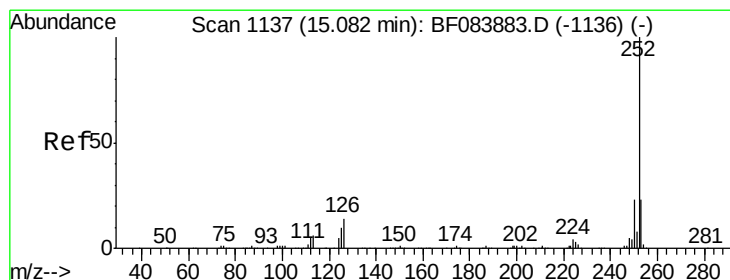
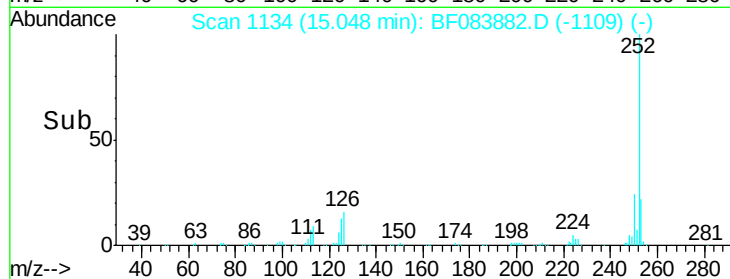
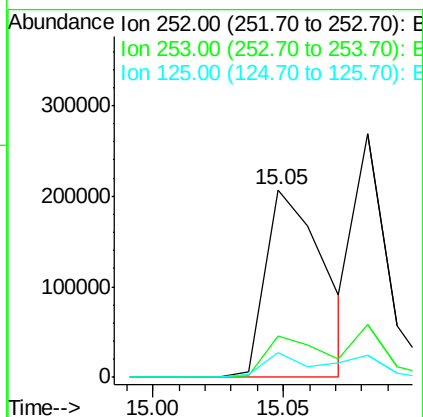
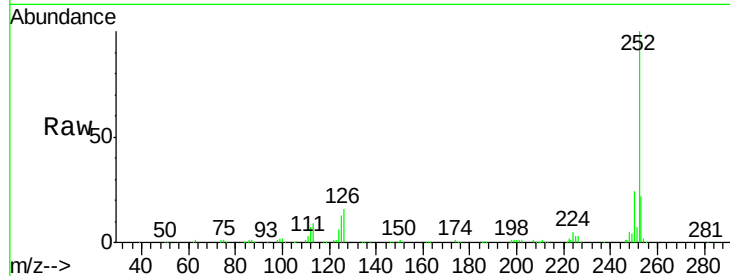




#87
Benzo(b)fluoranthene
Concen: 29.68 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF083882.D
Acq: 17 Dec 2015 18:35

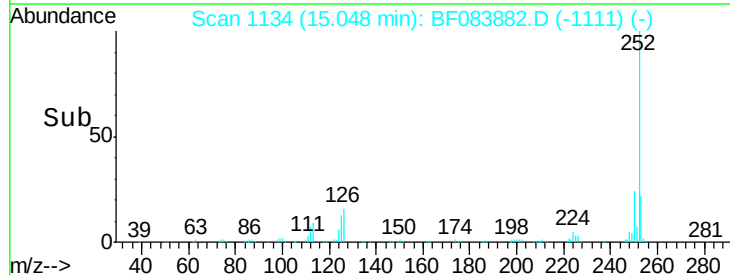
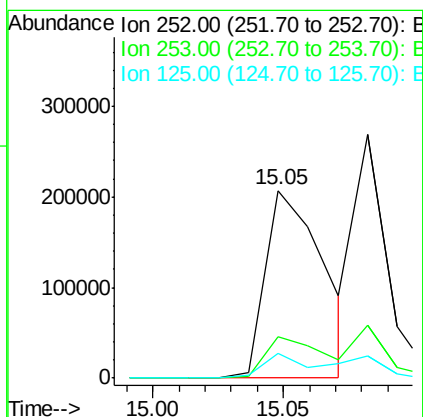
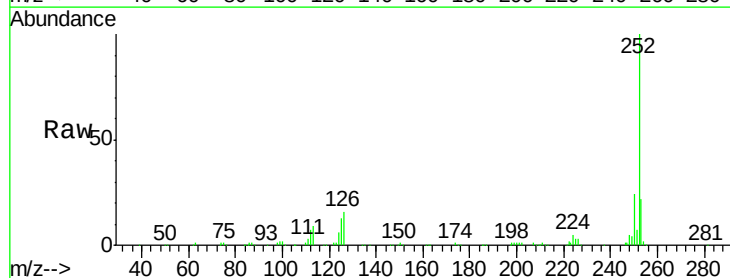
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

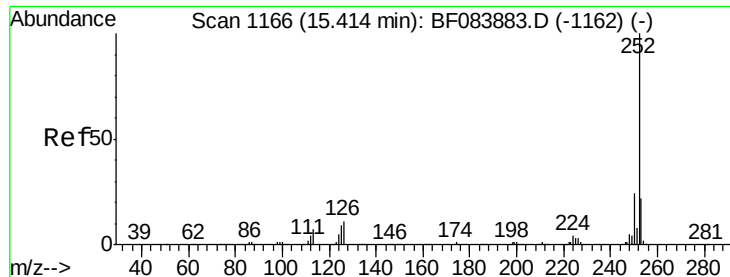
Tgt Ion:252 Resp: 323436
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 12.9 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 33.91 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.03 min
Lab File: BF083882.D
Acq: 17 Dec 2015 18:35

Tgt Ion:252 Resp: 323436
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 12.9 9.0 13.6





#89

Benzo(a)pyrene

Concen: 26.43 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

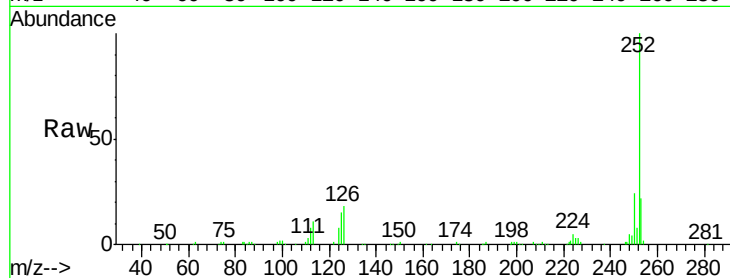
Tgt Ion:252 Resp: 254075

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

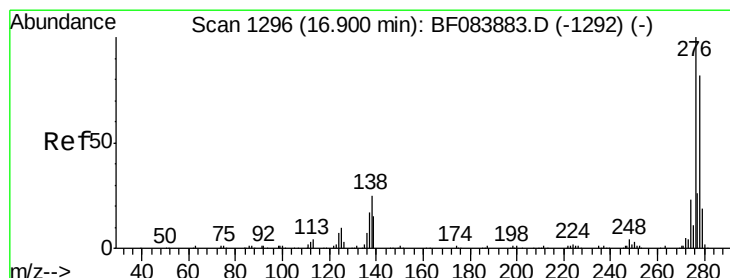
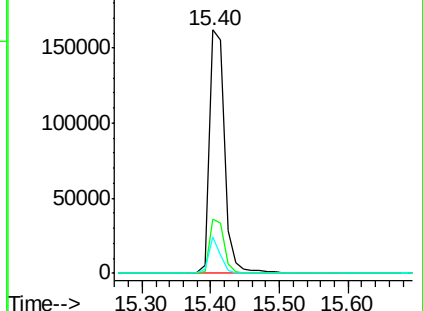
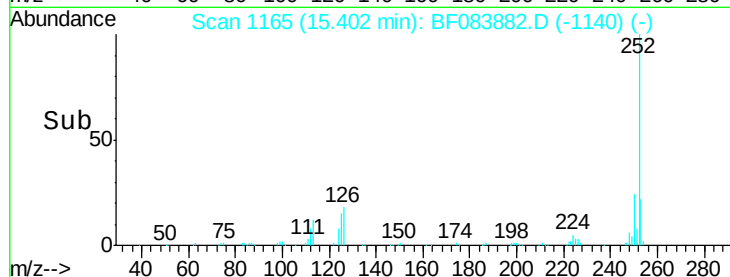
125 15.1 7.0 10.4#



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



#90

Dibenzo(a,h)anthracene

Concen: 23.12 ng

RT: 16.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF083882.D

Acq: 17 Dec 2015 18:35

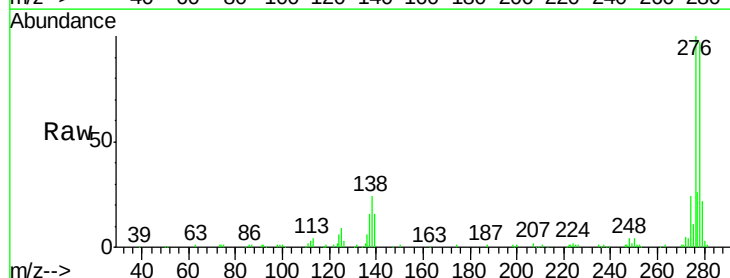
Tgt Ion:278 Resp: 212899

Ion Ratio Lower Upper

278 100

139 16.7 15.0 22.4

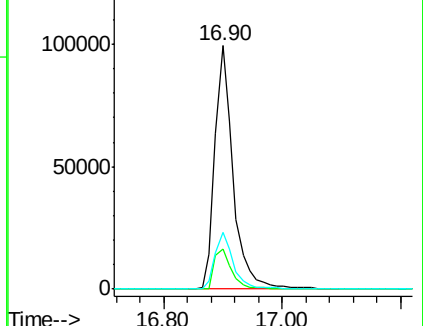
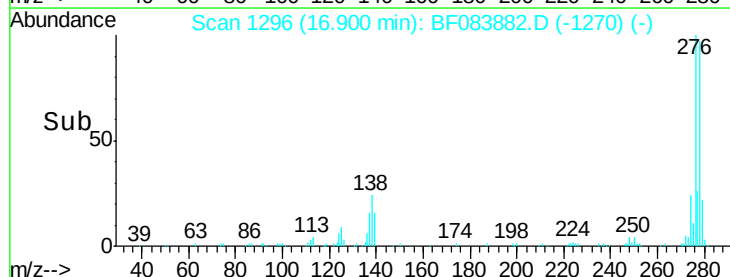
279 23.2 18.9 28.3

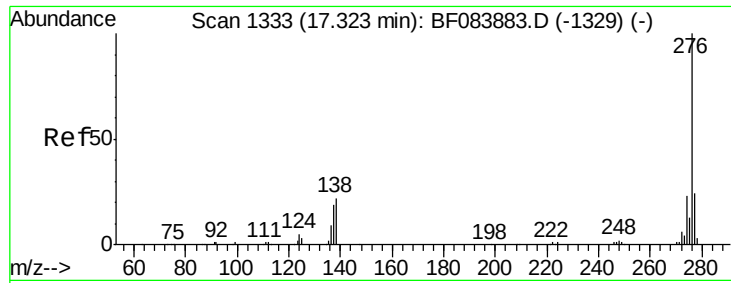


Abundance Ion 278.00 (277.70 to 278.70): E

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: 24.37 ng

RT: 17.32 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF083882.D

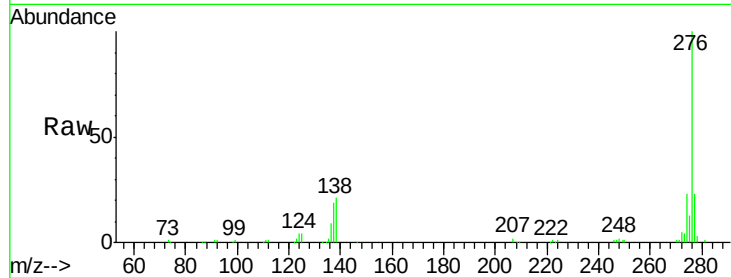
Acq: 17 Dec 2015 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC025



Tgt Ion:	276	Resp:	228904
Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	21.2	17.8	26.6

