

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
 Data File : BF084184.D
 Acq On : 31 Dec 2015 9:19
 Operator : UM/SJ
 Sample : SSTDICC02.5
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Quant Time: Dec 31 11:30:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 11:25:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	349465	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1461155	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	658712	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	1239908	20.00	ng	0.00
75) Chrysene-d12	14.05	240	967149	20.00	ng	-0.01
86) Perylene-d12	15.49	264	711095	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	123291	2.74	ng	0.00
7) Phenol-d6	6.51	99	158860	2.78	ng	-0.02
23) Nitrobenzene-d5	7.46	82	146381	2.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	36850	2.58	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	288540	3.08	ng	0.00
78) Terphenyl-d14	13.01	244	261187	2.98	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	25940	2.52	ng	# 72
3) Pyridine	3.32	79	65641	2.64	ng	# 71
4) n-Nitrosodimethylamine	3.21	42	36360	2.64	ng	# 67
6) Aniline	6.56	93	115954	2.78	ng	# 76
8) 2-Chlorophenol	6.68	128	68488	2.68	ng	90
9) Benzaldehyde	6.44	77	60040	2.96	ng	99
10) Phenol	6.53	94	86528	2.62	ng	# 76
11) bis(2-Chloroethyl)ether	6.62	93	65907	2.69	ng	# 79
12) 1,3-Dichlorobenzene	6.84	146	74448	2.80	ng	98
13) 1,4-Dichlorobenzene	7.07	146	76049	2.78	ng	96
14) 1,2-Dichlorobenzene	7.07	146	76049	2.82	ng	98
15) Benzyl Alcohol	7.04	79	67700	2.76	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.18	45	129483	2.82	ng	84
17) 2-Methylphenol	7.15	107	55658	2.60	ng	96
18) Hexachloroethane	7.41	117	26681	2.60	ng	# 89
19) n-Nitroso-di-n-propylamine	7.31	70	49392	2.62	ng	# 83
20) 3+4-Methylphenols	7.30	107	72912	2.82	ng	# 75
22) Acetophenone	7.31	105	100716	2.70	ng	# 93
24) Nitrobenzene	7.48	77	68337	2.51	ng	93
25) Isophorone	7.72	82	143177	2.79	ng	97
26) 2-Nitrophenol	7.80	139	24953	2.17	ng	97
27) 2,4-Dimethylphenol	7.84	122	71359	2.79	ng	91
28) bis(2-Chloroethoxy)methane	7.94	93	83261	2.66	ng	95
29) 2,4-Dichlorophenol	8.04	162	54740	2.65	ng	93
30) 1,2,4-Trichlorobenzene	8.12	180	60291	2.73	ng	91
31) Naphthalene	8.20	128	201554	2.79	ng	99
32) Benzoic acid	7.87	122	10535	0.97	ng	# 68
33) 4-Chloroaniline	8.26	127	82329	2.60	ng	# 90
34) Hexachlorobutadiene	8.33	225	33170	2.72	ng	98
35) Caprolactam	8.58	113	18063	2.58	ng	# 57
36) 4-Chloro-3-methylphenol	8.73	107	66458	2.84	ng	98
37) 2-Methylnaphthalene	8.90	142	146831	2.94	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	58114	2.79	ng	99
40) Hexachlorocyclopentadiene	9.06	237	26427	2.28	ng	96

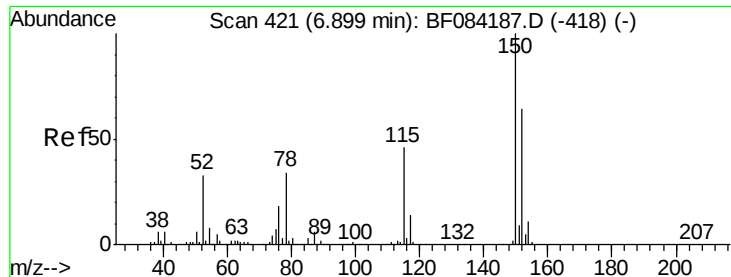
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	43510	2.89	nq	99
43) 2,4,5-Trichlorophenol	9.21	196	36825	2.61	nq	# 85
45) 1,1'-Biphenyl	9.37	154	172014	2.86	nq	94
46) 2-Chloronaphthalene	9.39	162	125292	2.82	nq	# 84
47) 2-Nitroaniline	9.47	65	28140	2.16	nq	# 73
48) Acenaphthylene	9.80	152	208692	2.93	nq	98
49) Dimethylphthalate	9.65	163	133527	2.62	nq	# 90
50) 2,6-Dinitrotoluene	9.72	165	23162	2.18	nq	91
51) Acenaphthene	9.97	154	136243	2.93	nq	98
52) 3-Nitroaniline	9.88	138	32447	2.48	nq	# 95
53) 2,4-Dinitrophenol	9.98	184	1839	0.66	nq	# 1
54) Dibenzofuran	10.14	168	189383	2.96	nq	99
55) 4-Nitrophenol	10.03	139	20006	1.35	nq	# 68
56) 2,4-Dinitrotoluene	10.12	165	27036	2.05	nq	# 68
57) Fluorene	10.49	166	151135	3.07	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	31973	2.63	nq	90
59) Diethylphthalate	10.36	149	154347	2.90	nq	96
60) 4-Chlorophenyl-phenylether	10.49	204	64552	2.92	nq	# 88
61) 4-Nitroaniline	10.49	138	28631	2.58	nq	93
62) Azobenzene	10.64	77	150957	2.73	nq	88
64) 4,6-Dinitro-2-methylphenol	10.52	198	7555	1.40	nq	92
65) n-Nitrosodiphenylamine	10.59	169	112065	2.65	nq	98
66) 4-Bromophenyl-phenylether	10.97	248	37946	2.65	nq	# 68
67) Hexachlorobenzene	11.04	284	45213	2.84	nq	# 89
68) Atrazine	11.12	200	35112	2.50	nq	95
69) Pentachlorophenol	11.23	266	9144	1.34	nq	# 84
70) Phenanthrene	11.45	178	226877	2.97	nq	100
71) Anthracene	11.49	178	207538	2.84	nq	98
72) Carbazole	11.65	167	185343	2.74	nq	95
73) Di-n-butylphthalate	12.00	149	215895	2.67	nq	99
74) Fluoranthene	12.64	202	206340	2.81	nq	92
76) Benzidine	12.75	184	96213	2.58	nq	96
77) Pyrene	12.86	202	212880	2.86	nq	98
79) Butylbenzylphthalate	13.49	149	79139	2.44	nq	# 81
80) Benzo(a)anthracene	14.04	228	168989	2.87	nq	97
81) 3,3'-Dichlorobenzidine	14.01	252	48294	2.46	nq	# 92
82) Chrysene	14.09	228	149467	2.79	nq	98
83) Bis(2-ethylhexyl)phthalate	14.05	149	117712	2.75	nq	# 95
84) Di-n-octyl phthalate	14.66	149	182583	2.59	nq	# 84
85) Indeno(1,2,3-cd)pyrene	16.90	276	105806	2.57	nq	96
87) Benzo(b)fluoranthene	15.08	252	126470	2.55	nq	98
88) Benzo(k)fluoranthene	15.08	252	126470	3.02	nq	# 97
89) Benzo(a)pyrene	15.44	252	104988	2.57	nq	99
90) Dibenzo(a,h)anthracene	16.92	278	86828	2.60	nq	98
91) Benzo(g,h,i)perylene	17.33	276	89038	2.64	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

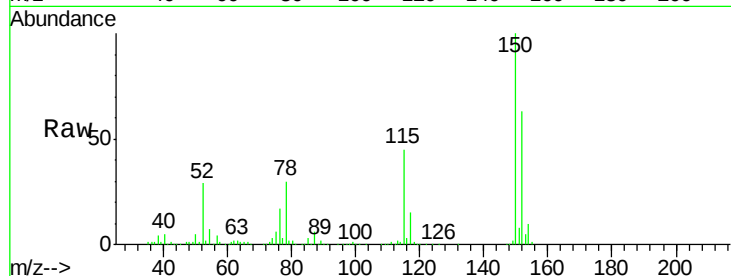
Tot Ion:152 Resp: 349465

Ion Ratio Lower Upper

152 100

150 157.9 123.0 184.4

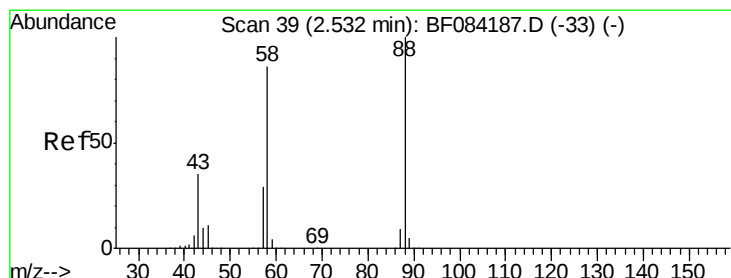
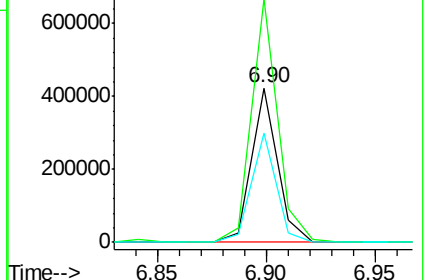
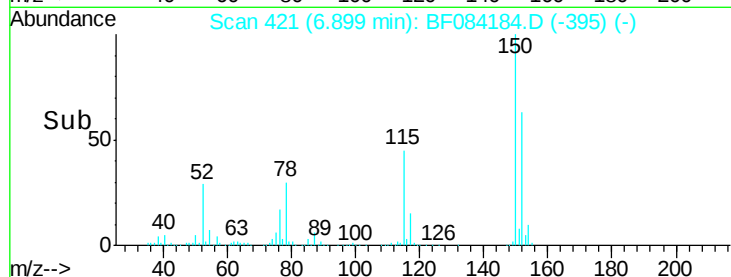
115 70.5 51.4 77.2



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: 2.52 ng

RT: 2.53 min Scan# 39

Delta R.T. 0.00 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

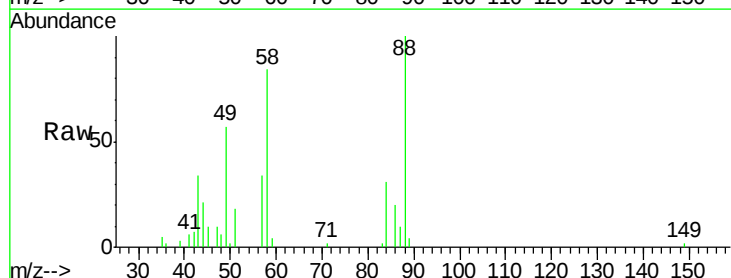
Tgt Ion: 88 Resp: 25940

Ion Ratio Lower Upper

88 100

58 86.9 51.2 76.8#

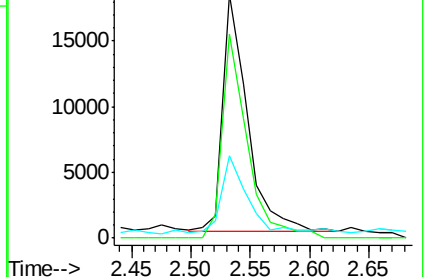
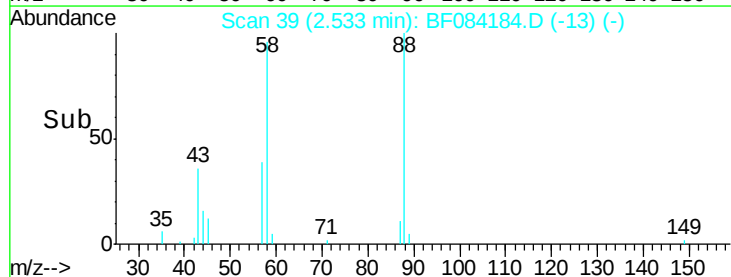
43 36.0 19.5 29.3#

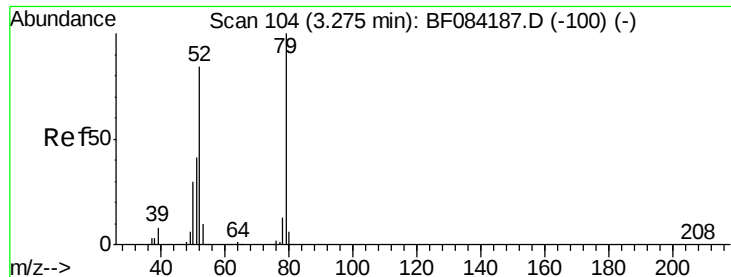


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

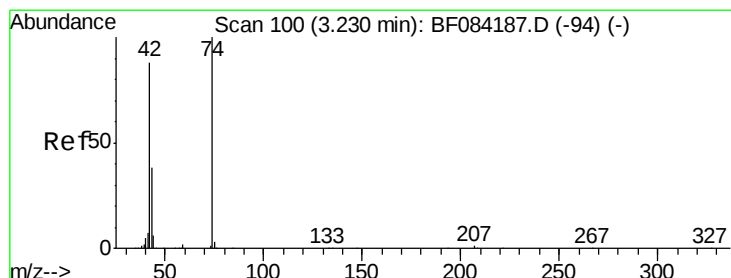
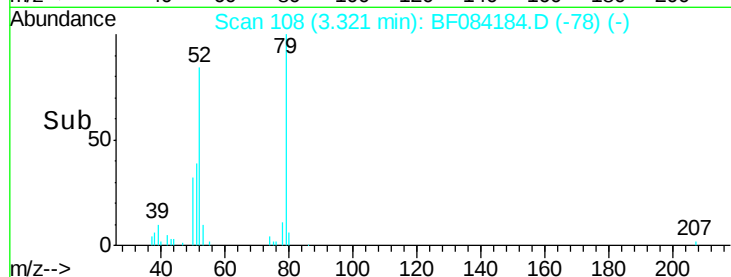
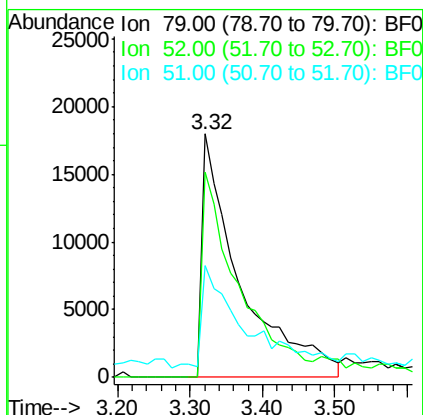
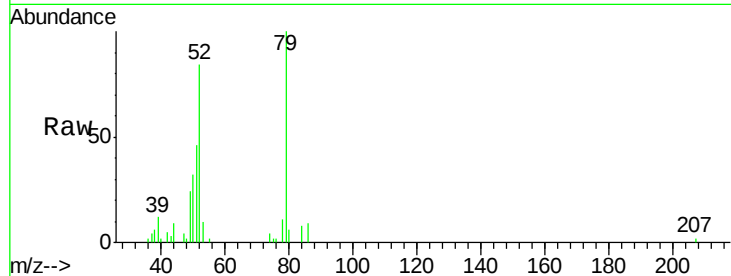




#3
 Pvridine
 Concen: 2.64 ng
 RT: 3.32 min Scan# 108
 Delta R.T. 0.05 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

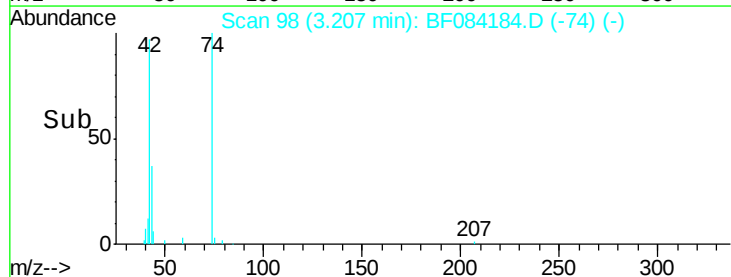
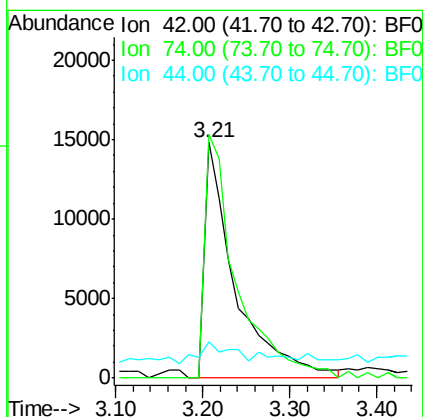
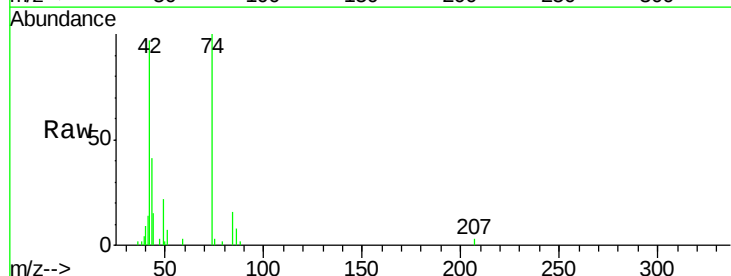
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

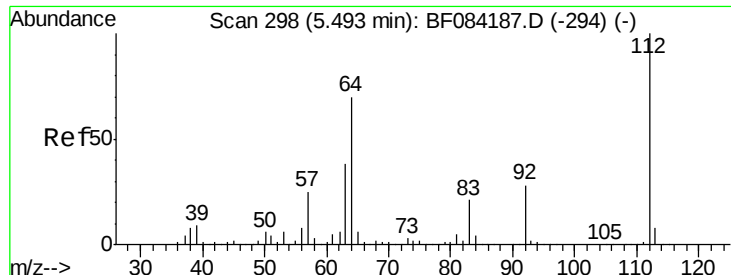
Tot Ion: 79 Resp: 65641
 Ion Ratio Lower Upper
 79 100
 52 84.1 49.0 73.4#
 51 46.0 25.2 37.8#



#4
 n-Nitrosodimethylamine
 Concen: 2.64 ng
 RT: 3.21 min Scan# 98
 Delta R.T. -0.02 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

Tgt Ion: 42 Resp: 36360
 Ion Ratio Lower Upper
 42 100
 74 103.3 115.7 173.5#
 44 15.1 5.1 7.7#





#5

2-Fluorophenol

Concen: 2.74 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

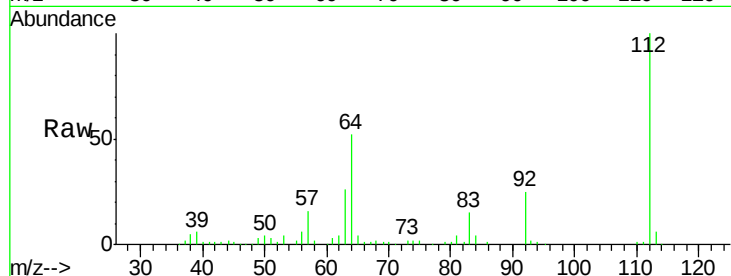
Tot Ion:112 Resp: 123291

Ion Ratio Lower Upper

112 100

64 52.1 36.6 55.0

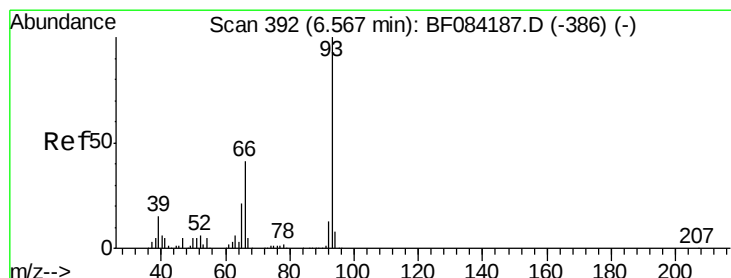
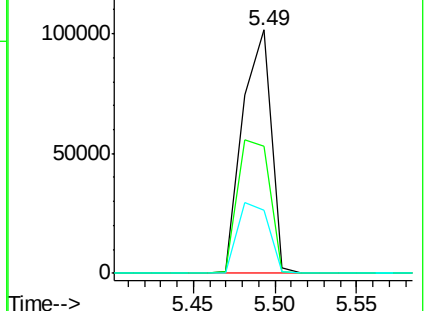
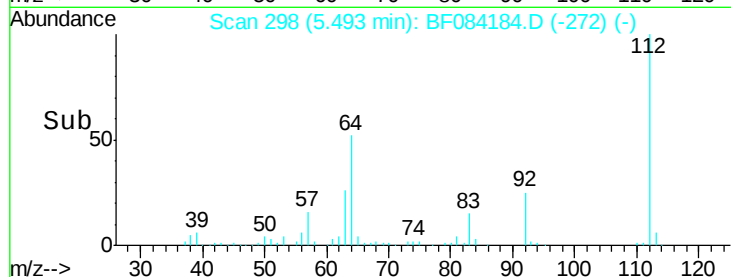
63 26.1 19.4 29.0



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: 2.78 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

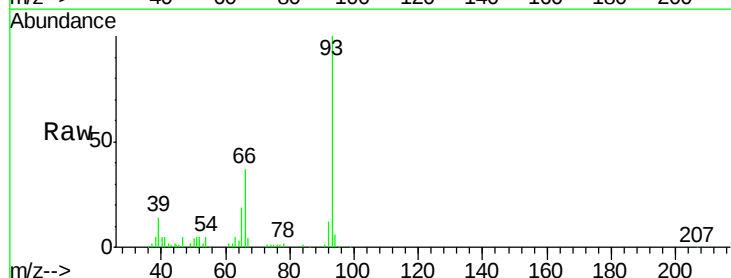
Tgt Ion: 93 Resp: 115954

Ion Ratio Lower Upper

93 100

66 36.8 44.9 67.3#

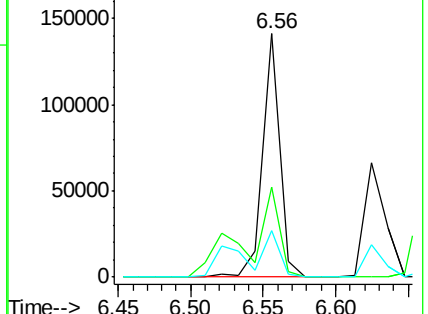
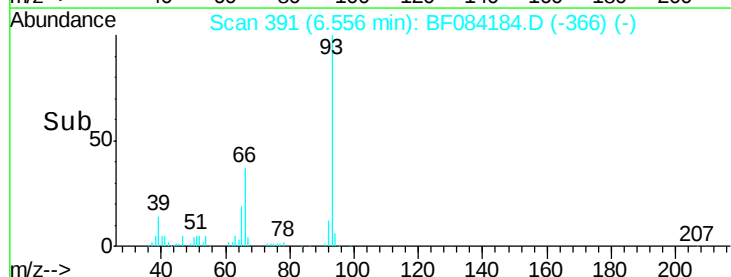
65 18.9 23.7 35.5#

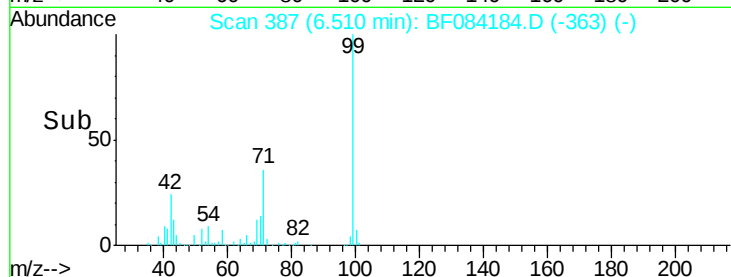
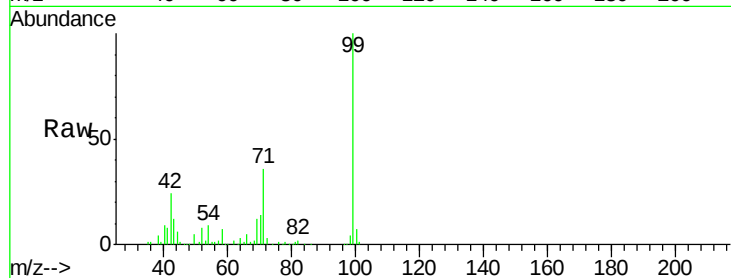
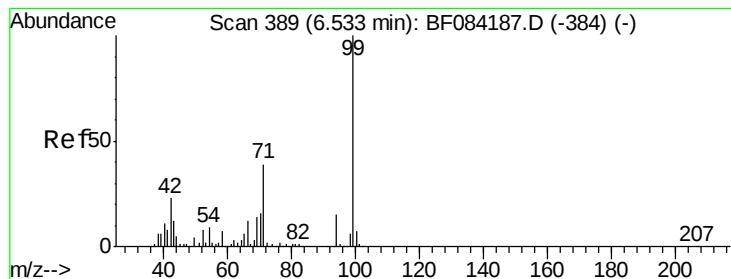


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 2.78 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Instrument :

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ClientSampleId :

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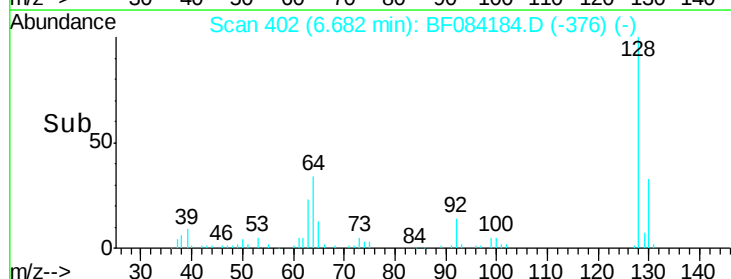
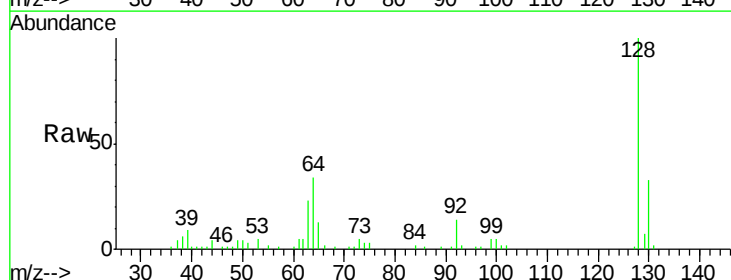
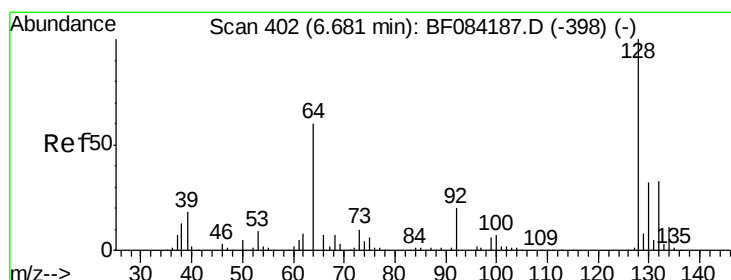
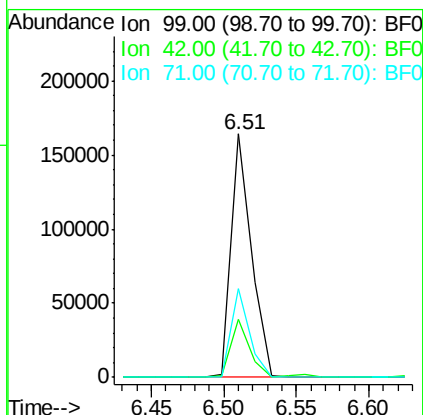
Tot Ion: 99 Resp: 158860

Ion Ratio Lower Upper

99 100

42 23.9 12.8 19.2#

71 36.3 30.9 46.3



#8

2-Chlorophenol

Concen: 2.68 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

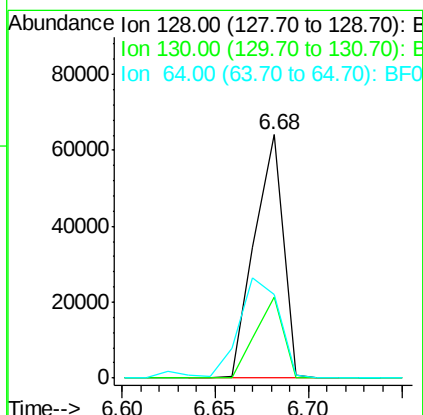
Tgt Ion: 128 Resp: 68488

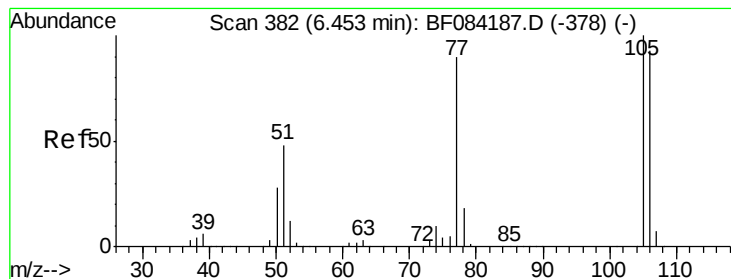
Ion Ratio Lower Upper

128 100

130 33.1 11.6 51.6

64 34.3 23.8 63.8





#9

Benzaldehyde

Concen: 2.96 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

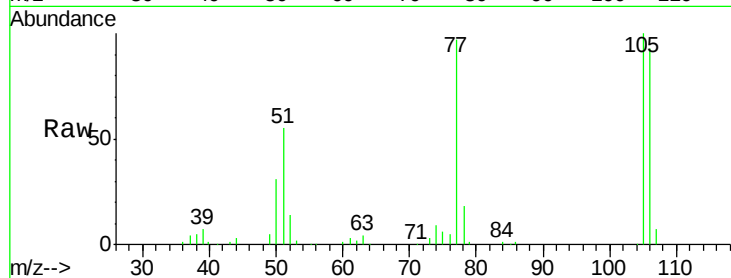
Tot Ion: 77 Resp: 60040

Ion Ratio Lower Upper

77 100

105 102.7 83.0 123.0

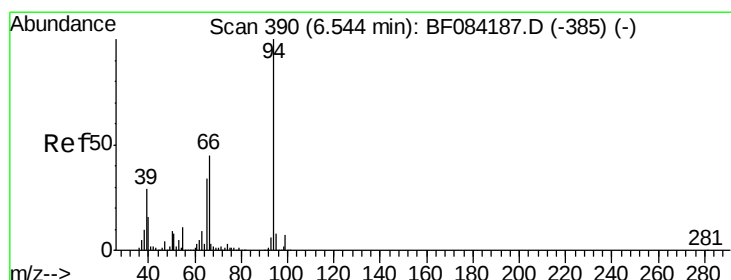
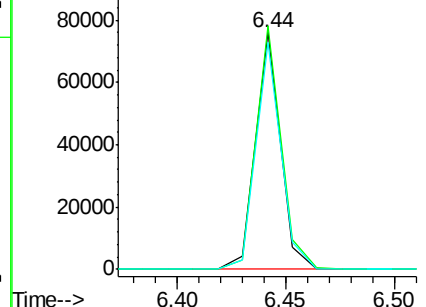
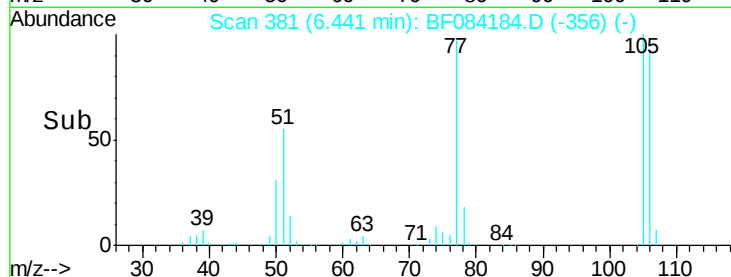
106 95.9 74.6 114.6



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: 2.62 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

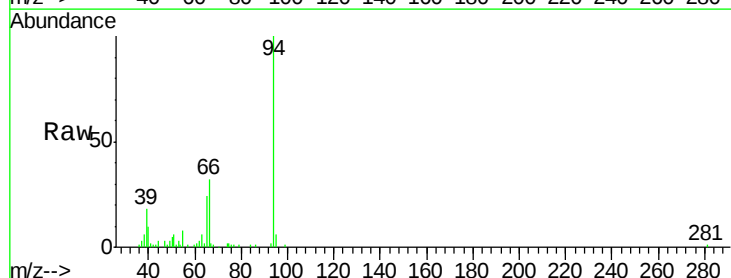
Tgt Ion: 94 Resp: 86528

Ion Ratio Lower Upper

94 100

65 24.2 12.9 52.9

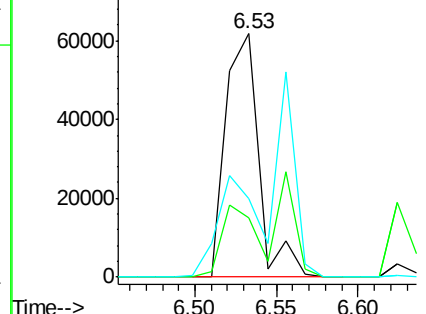
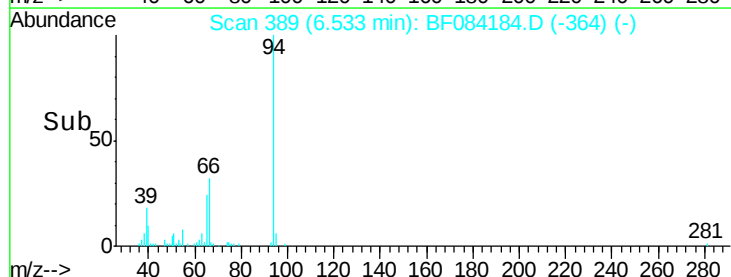
66 32.2 32.7 72.7#

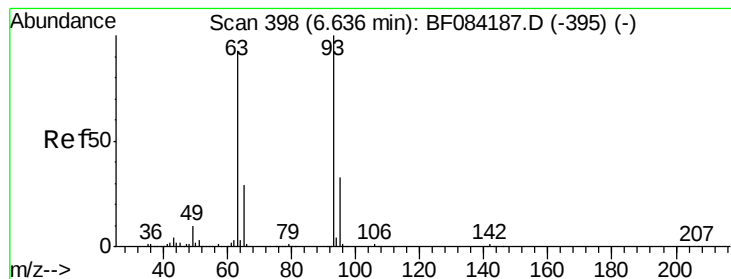


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 2.69 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

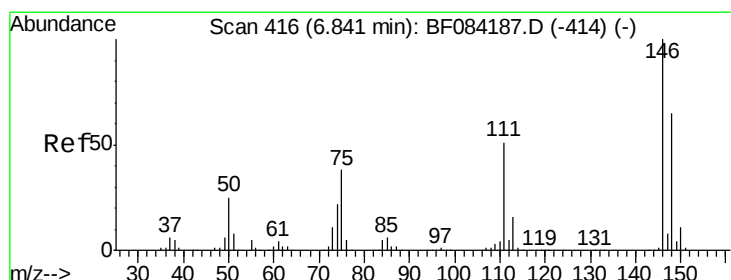
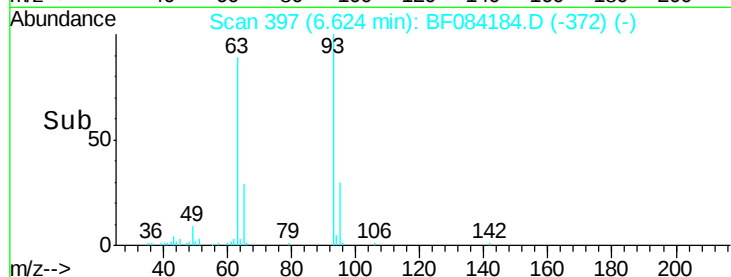
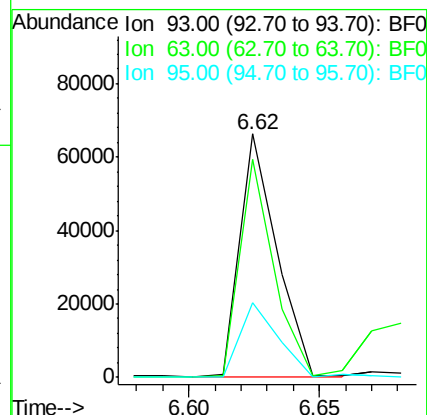
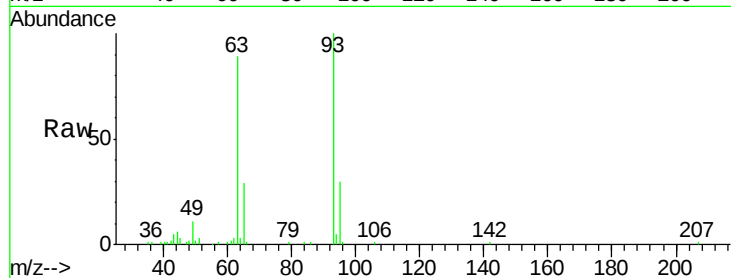
Tot Ion: 93 Resp: 65907

Ion Ratio Lower Upper

93 100

63 89.3 45.9 85.9#

95 30.5 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 2.80 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

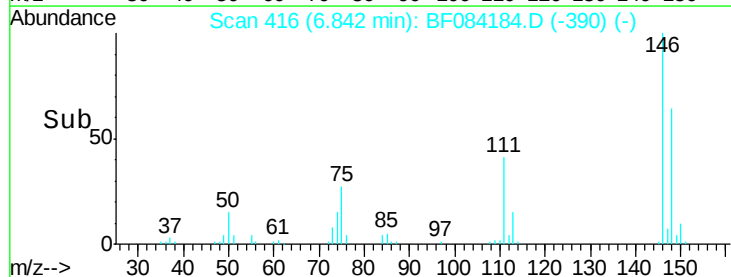
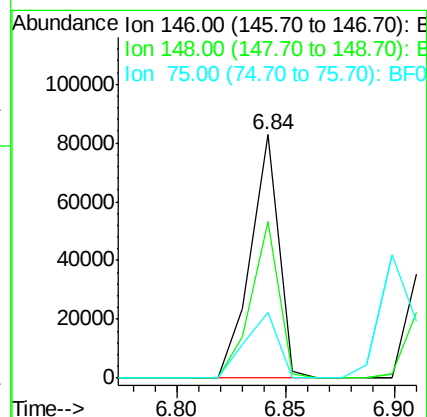
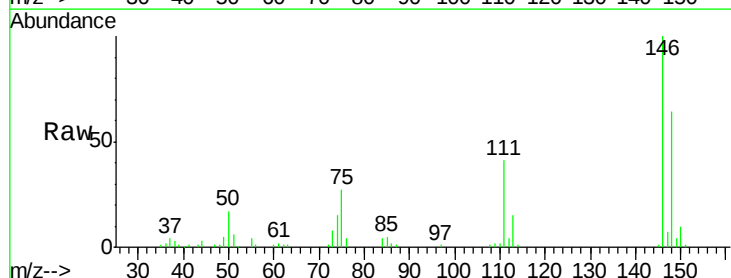
Tgt Ion: 146 Resp: 74448

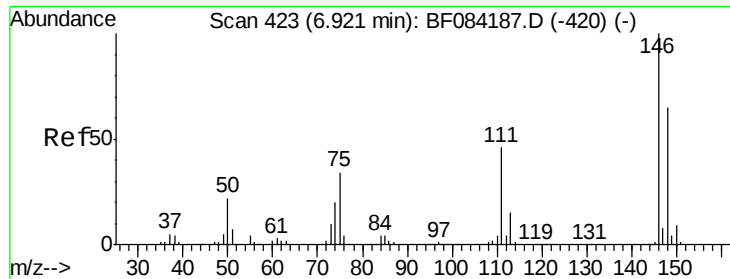
Ion Ratio Lower Upper

146 100

148 64.2 51.9 77.9

75 27.2 20.5 30.7

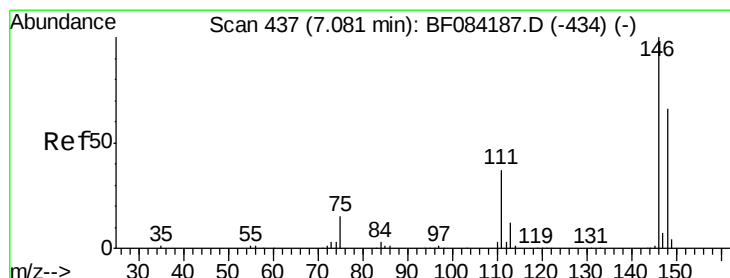
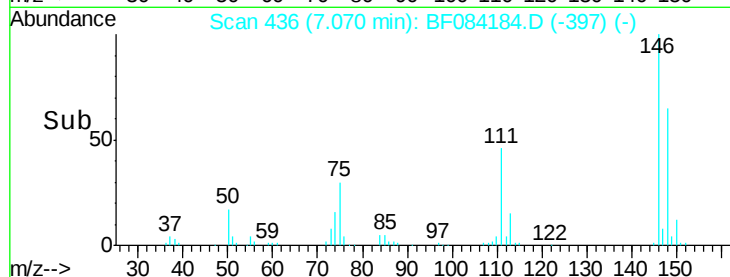
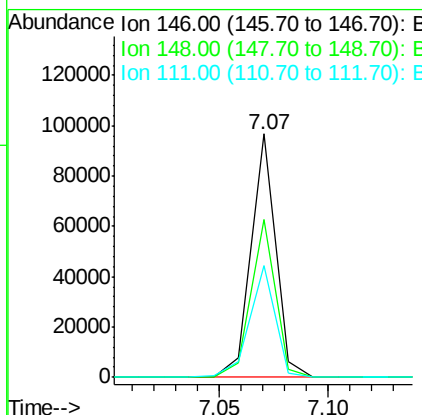
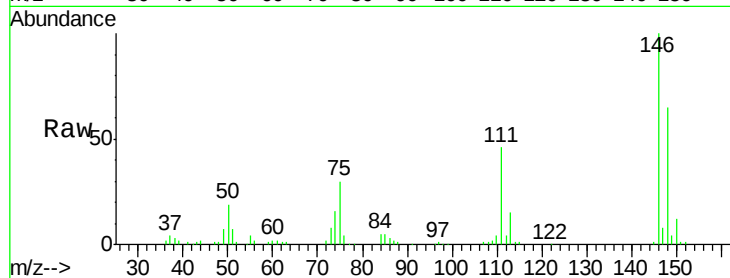




#13
 1,4-Dichlorobenzene
 Concen: 2.78 ng
 RT: 7.07 min Scan# 436
 Delta R.T. 0.15 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

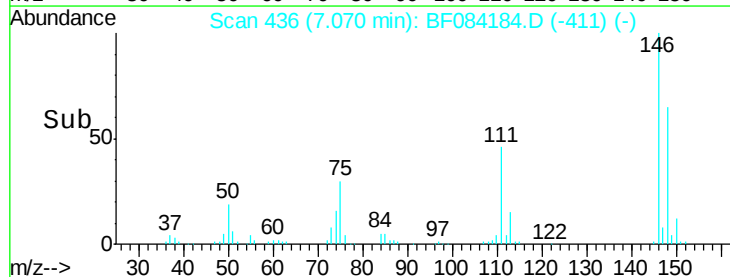
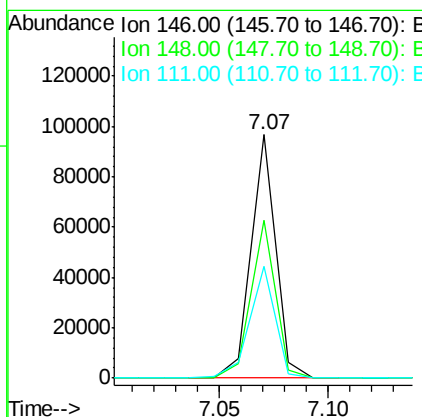
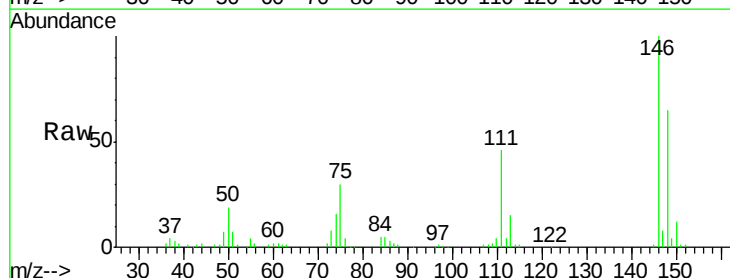
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

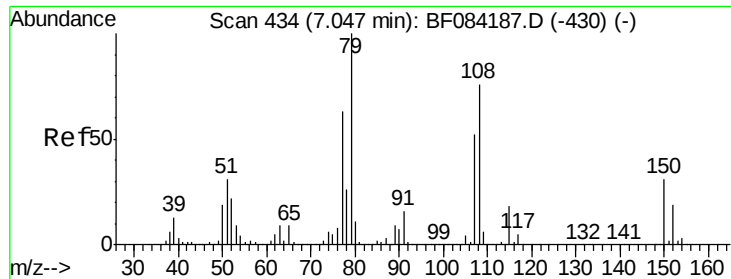
Tot Ion:146 Resp: 76049
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.9 77.9
 111 45.7 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 2.82 ng
 RT: 7.07 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

Tgt Ion:146 Resp: 76049
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.6 77.4
 111 45.7 38.0 57.0





#15

Benzyl Alcohol

Concen: 2.76 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

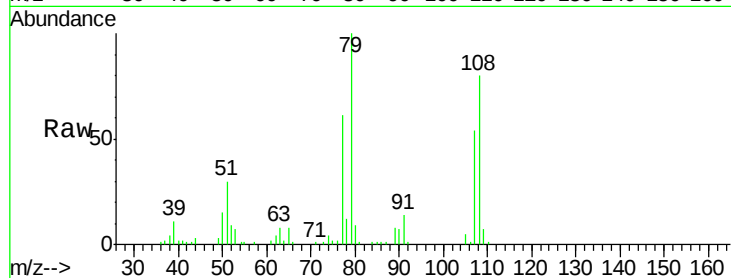
Tot Ion: 79 Resp: 67700

Ion Ratio Lower Upper

79 100

108 79.5 69.0 103.4

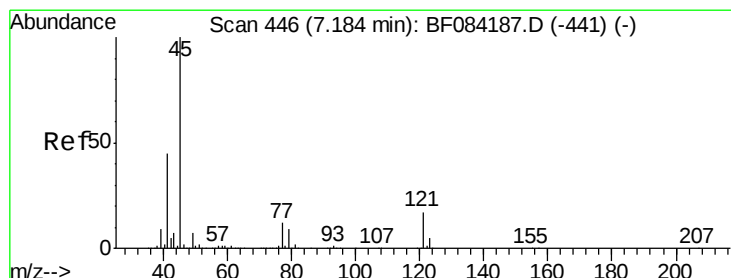
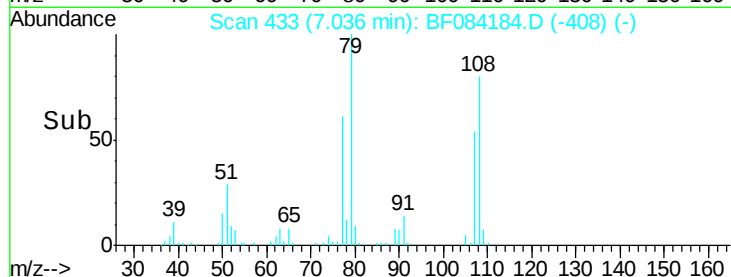
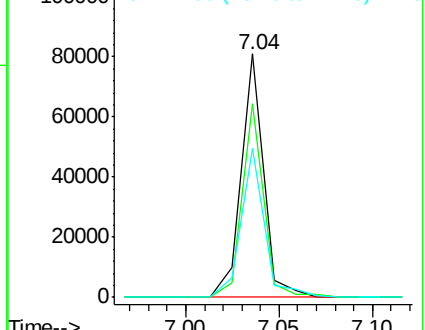
77 60.9 50.0 75.0



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: 2.82 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

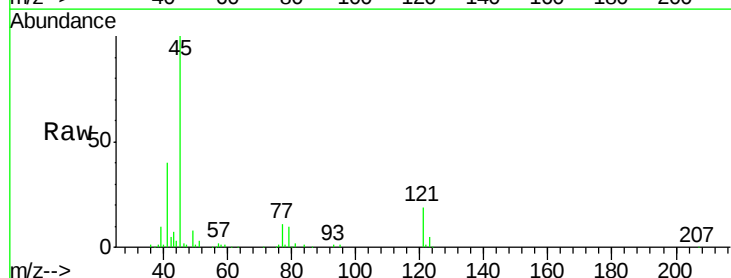
Tgt Ion: 45 Resp: 129483

Ion Ratio Lower Upper

45 100

77 10.8 0.0 39.6

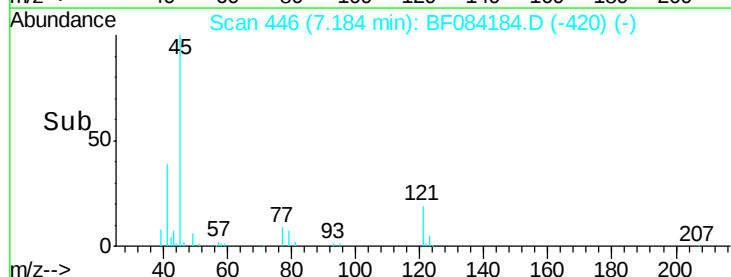
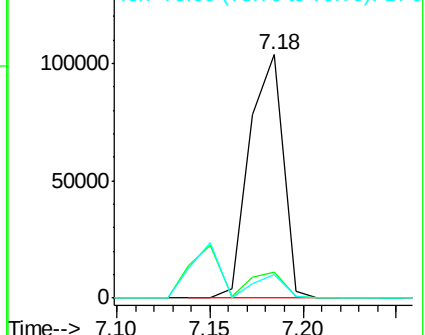
79 9.7 0.0 35.0

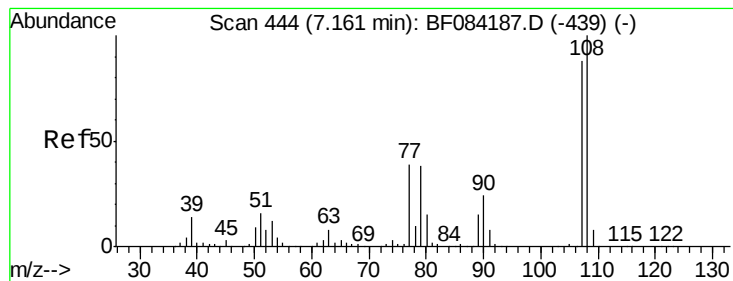


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

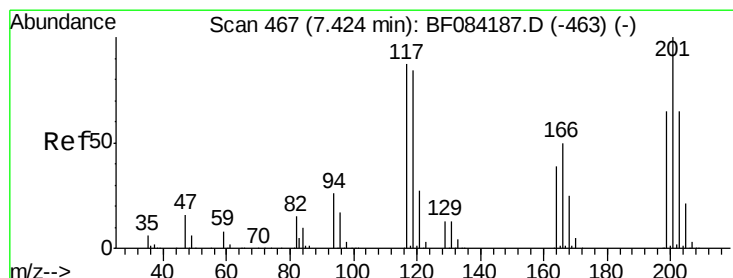
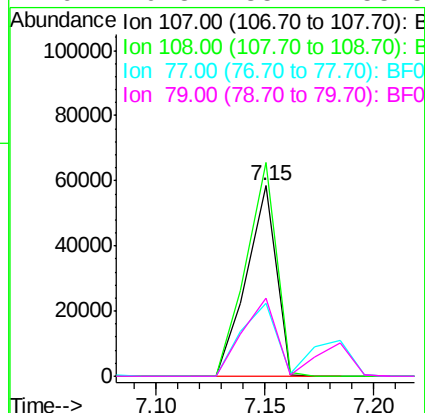
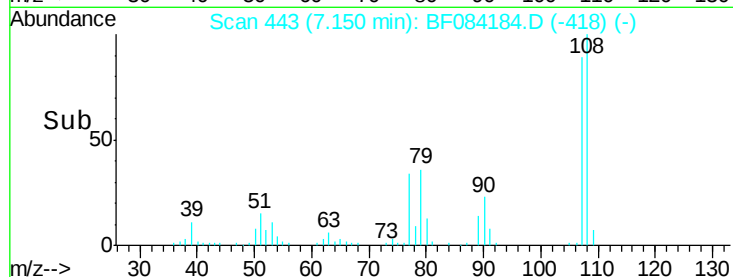
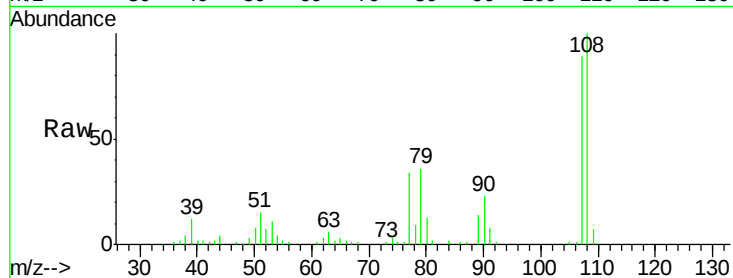




#17
2-Methylphenol
Concen: 2.60 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF084184.D
Acq: 31 Dec 2015 9:19

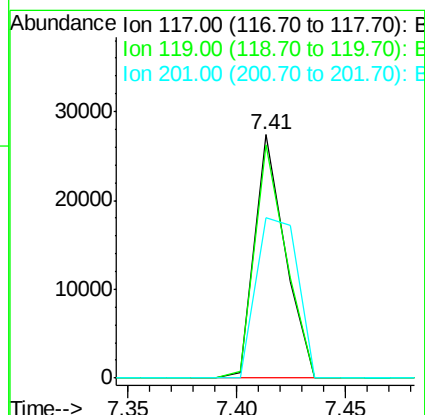
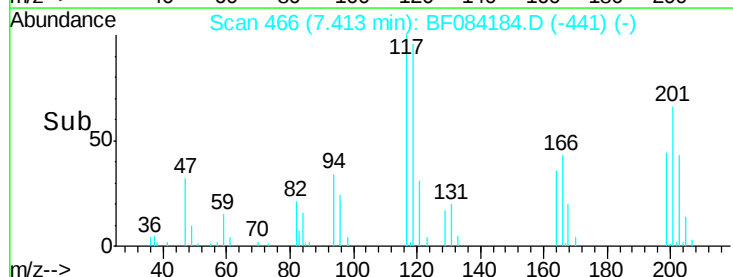
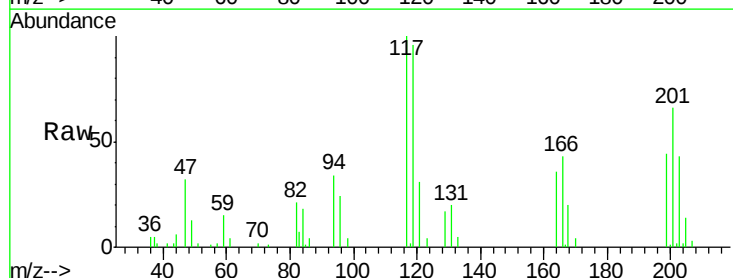
Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

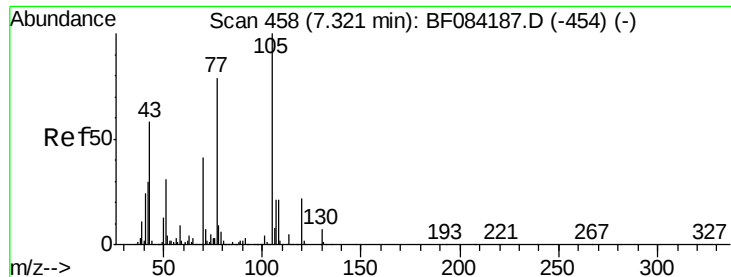
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.8	134.6
77	38.1	35.7	53.5
79	40.8	35.7	53.5



#18
Hexachloroethane
Concen: 2.60 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF084184.D
Acq: 31 Dec 2015 9:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.4	116.0
201	65.8	68.6	103.0

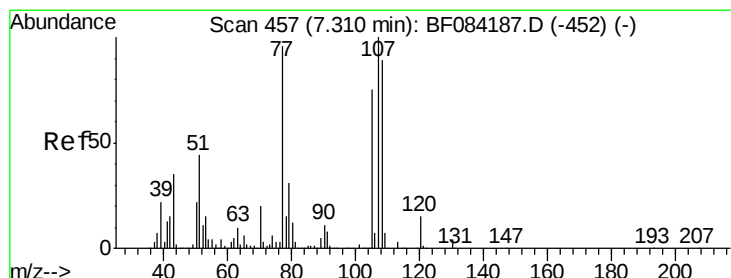
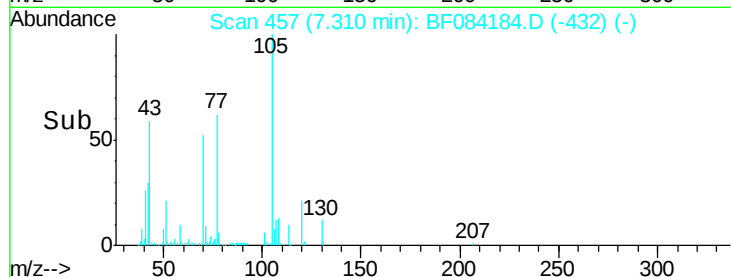
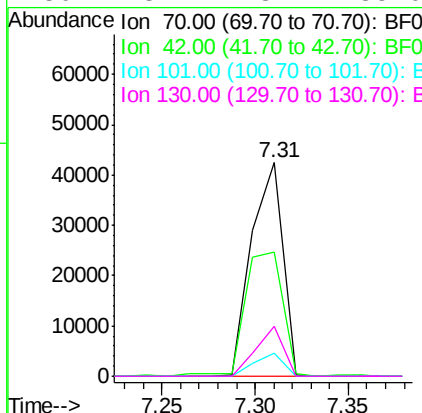
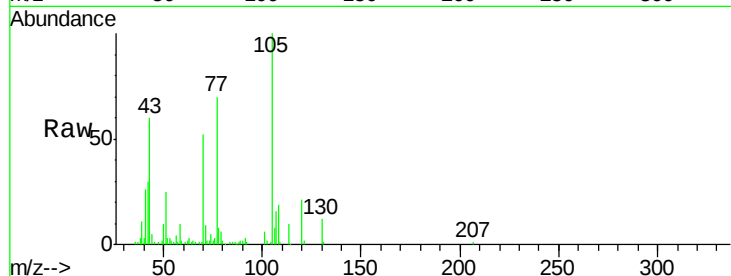




#19
n-Nitroso-di-n-propylamine
Concen: 2.62 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF084184.D
Acq: 31 Dec 2015 9:19

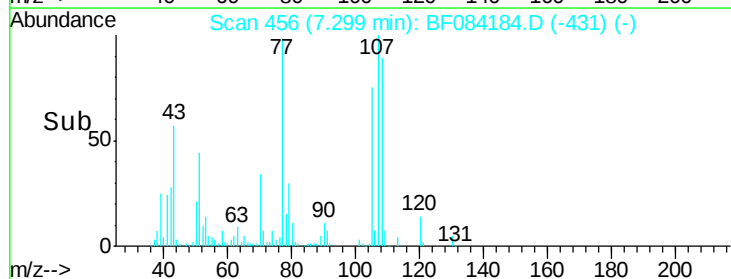
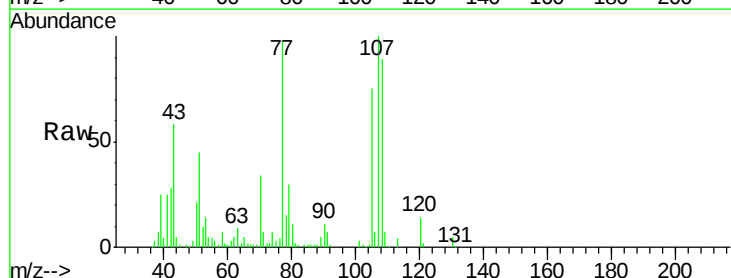
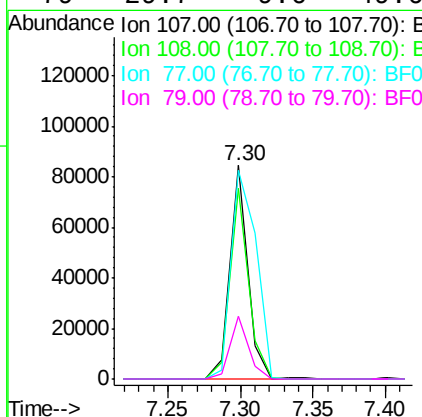
Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

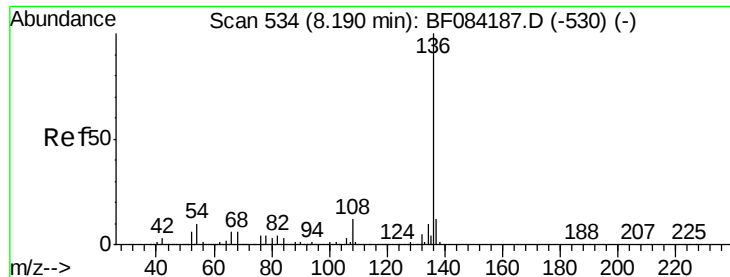
Tot Ion	Ratio	Lower	Upper
70	100		
42	57.9	33.3	49.9#
101	10.7	9.3	13.9
130	23.1	23.4	35.0#



#20
3+4-Methylphenols
Concen: 2.82 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF084184.D
Acq: 31 Dec 2015 9:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	64.1	104.1
77	97.9	128.9	168.9#
79	29.7	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

Tot Ion:136 Resp: 1461155

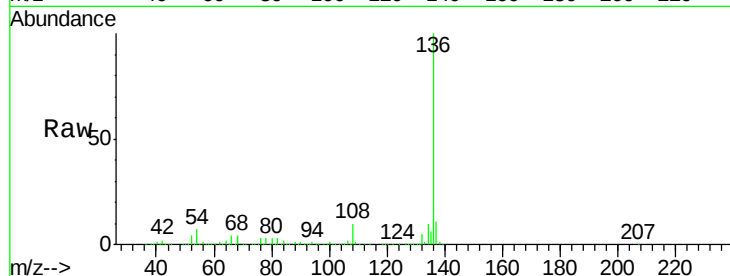
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.3	5.8	8.8
68	4.5	4.2	6.2

136 100

137 11.2 8.7 13.1

54 7.3 5.8 8.8

68 4.5 4.2 6.2

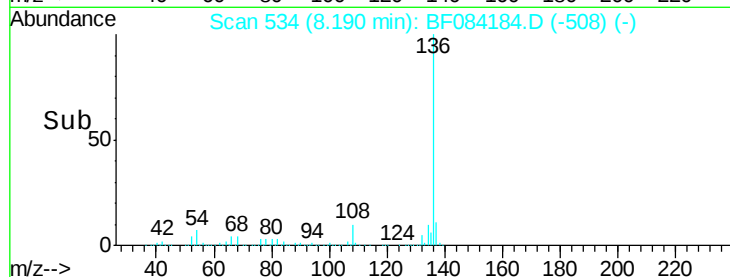


Abundance Ion 136.00 (135.70 to 136.70): E

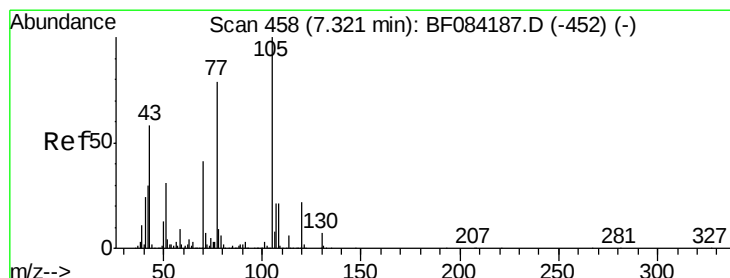
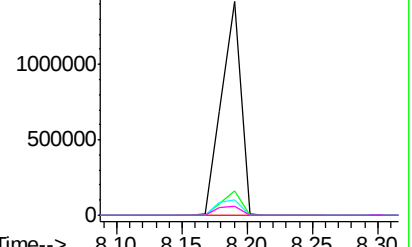
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.10 8.15 8.20 8.25 8.30



#22

Acetophenone

Concen: 2.70 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Tgt Ion:105 Resp: 100716

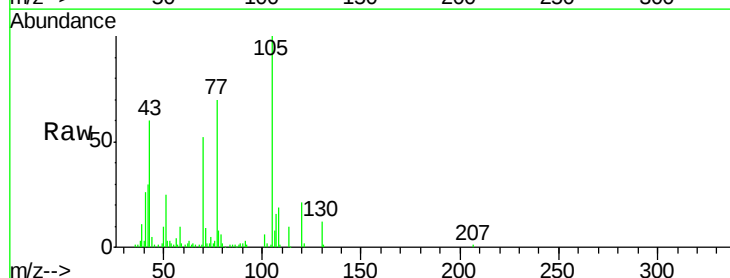
Ion	Ratio	Lower	Upper
105	100		
71	8.8	3.7	5.5#
51	25.5	25.1	37.7
120	21.2	16.6	25.0

105 100

71 8.8 3.7 5.5#

51 25.5 25.1 37.7

120 21.2 16.6 25.0

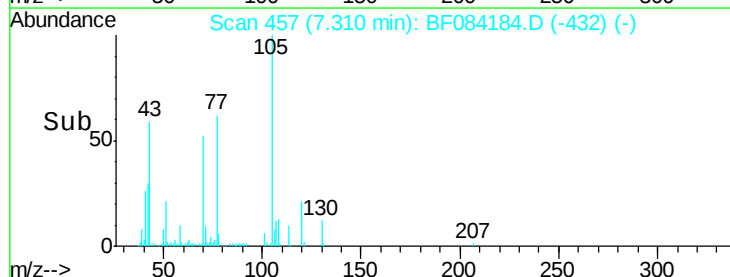


Abundance Ion 105.00 (104.70 to 105.70): E

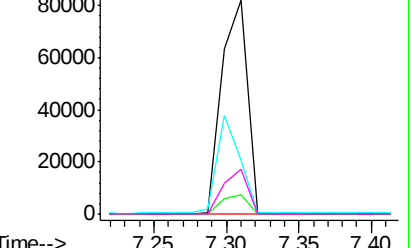
Ion 71.00 (70.70 to 71.70): BF0

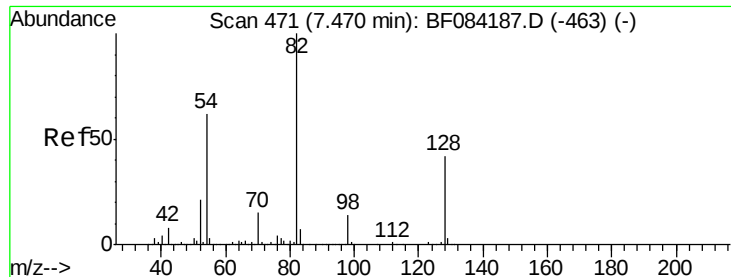
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time--> 7.25 7.30 7.35 7.40

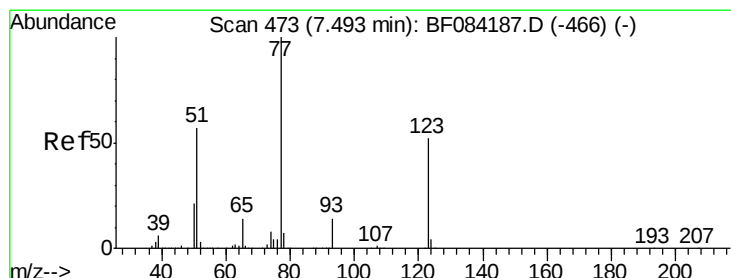
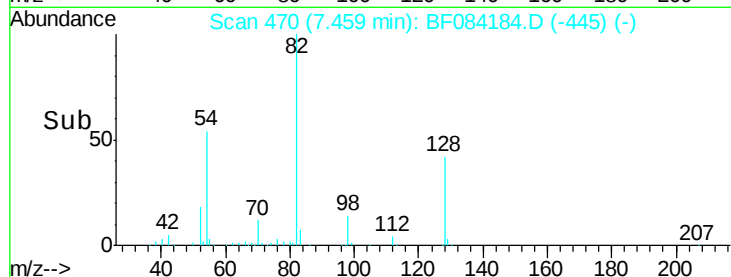
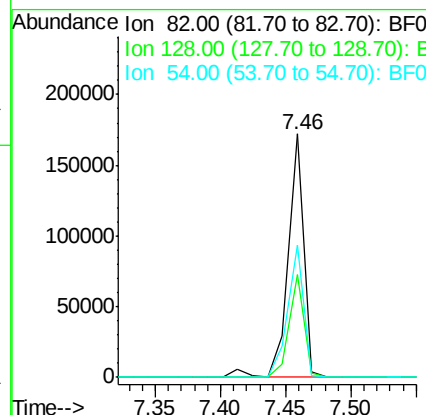
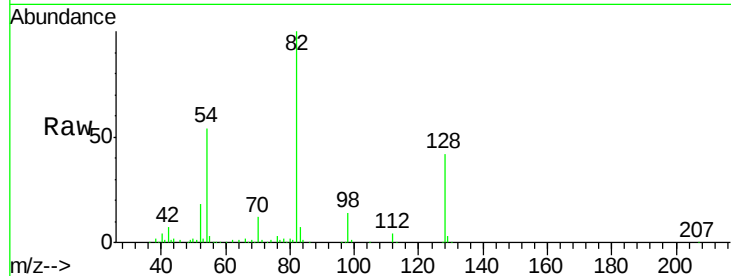




#23
 Nitrobenzene-d5
 Concen: 2.74 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

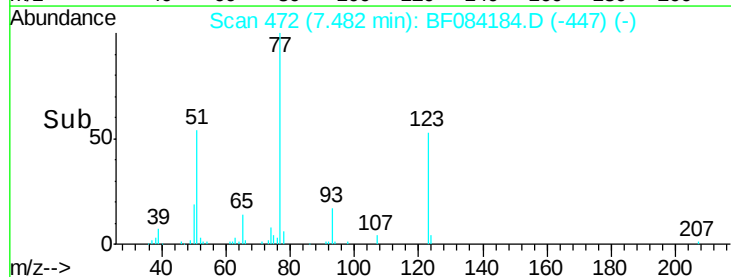
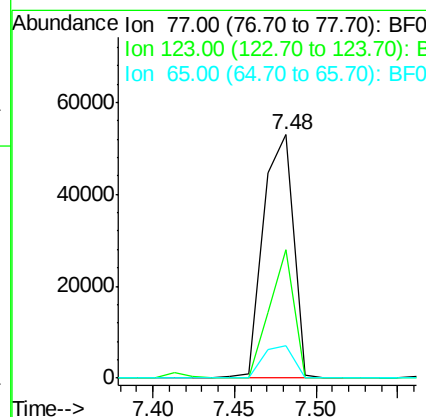
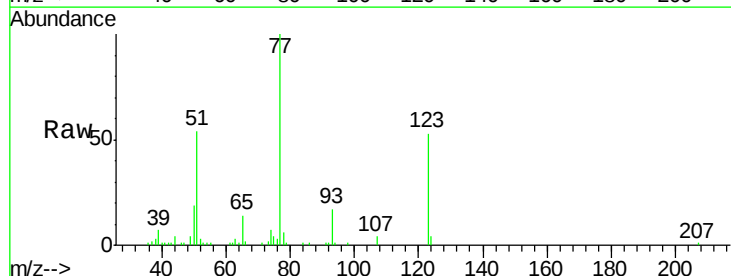
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

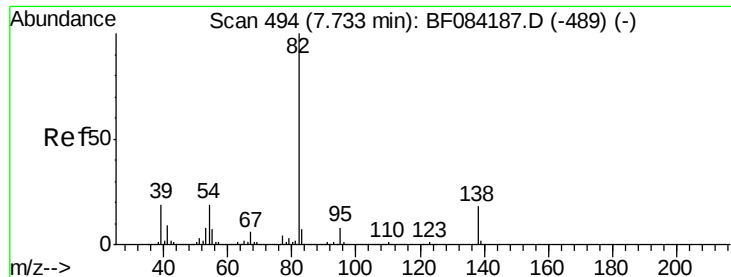
Tot Ion	82	Resp	146381
Ion Ratio	Lower	Upper	
82	100		
128	42.1	34.6	51.8
54	54.2	38.4	57.6



#24
 Nitrobenzene
 Concen: 2.51 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

Tgt Ion	77	Resp	68337
Ion Ratio	Lower	Upper	
77	100		
123	52.9	37.4	56.2
65	13.5	10.9	16.3





#25

Isophorone

Concen: 2.79 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

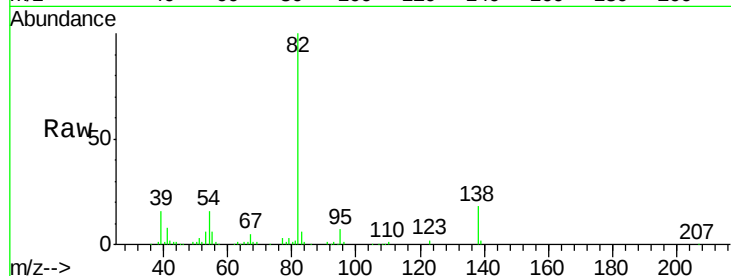
Tot Ion: 82 Resp: 143177

Ion Ratio Lower Upper

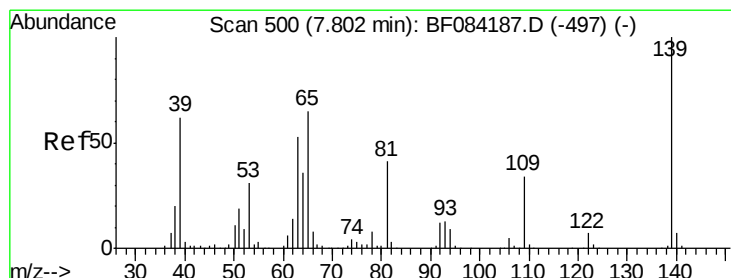
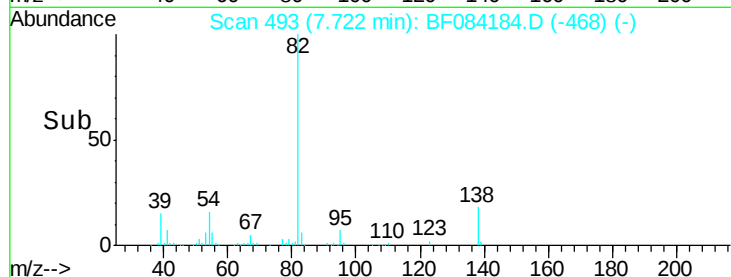
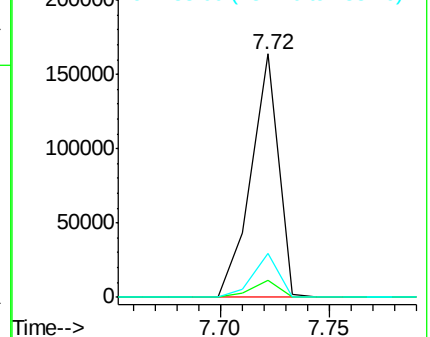
82 100

95 6.8 6.6 10.0

138 18.1 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: 2.17 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

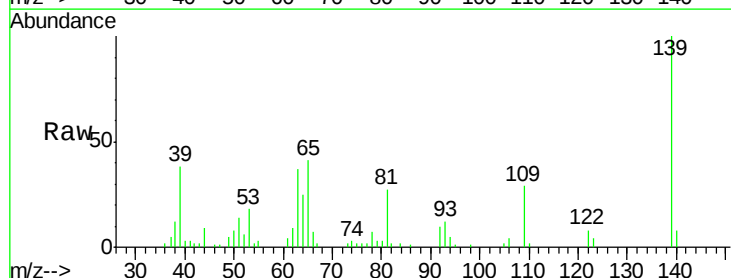
Tgt Ion: 139 Resp: 24953

Ion Ratio Lower Upper

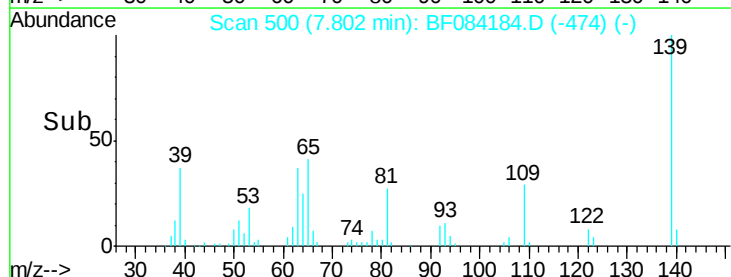
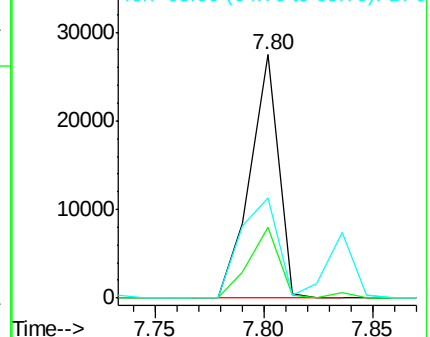
139 100

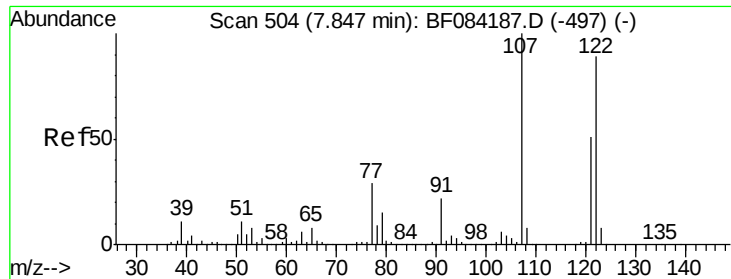
109 29.2 25.4 38.2

65 41.4 32.3 48.5



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





#27

2,4-Dimethylphenol

Concen: 2.79 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

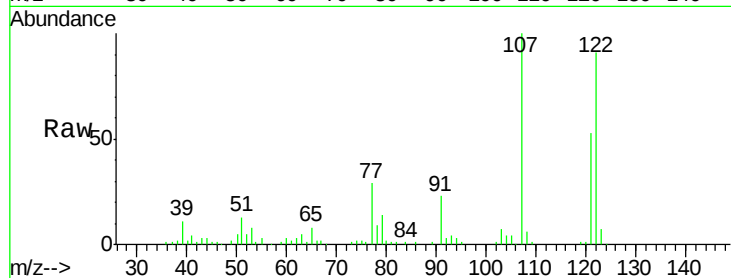
Tot Ion:122 Resp: 71359

Ion Ratio Lower Upper

122 100

107 109.8 99.1 148.7

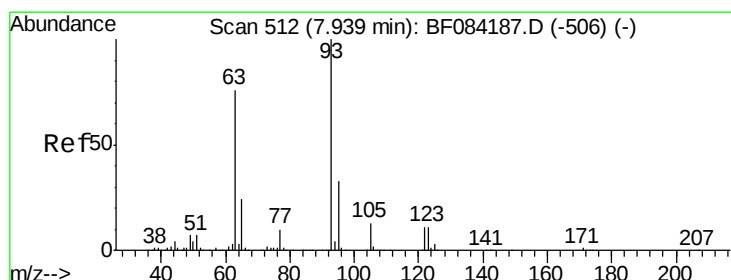
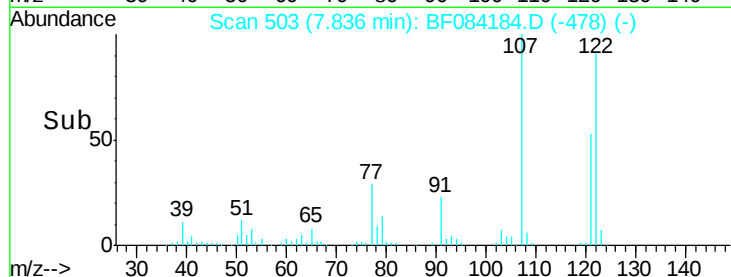
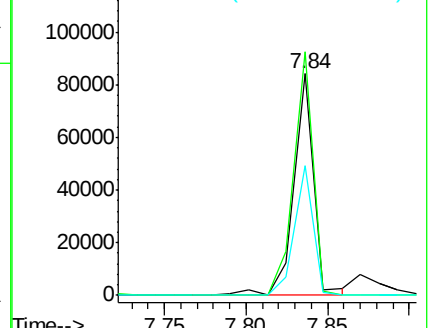
121 58.7 47.9 71.9



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: 2.66 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

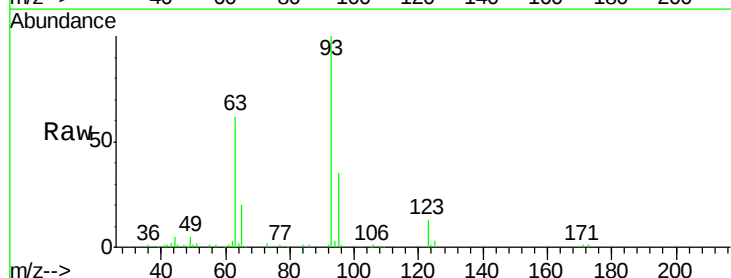
Tgt Ion: 93 Resp: 83261

Ion Ratio Lower Upper

93 100

95 35.0 25.8 38.6

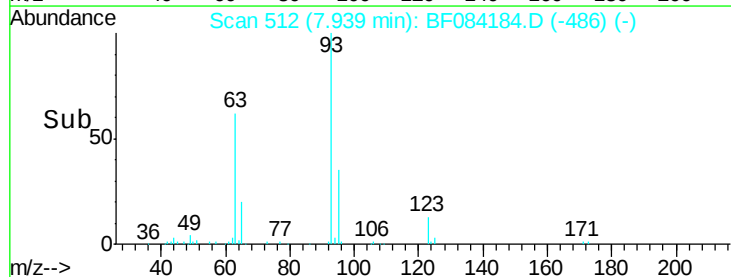
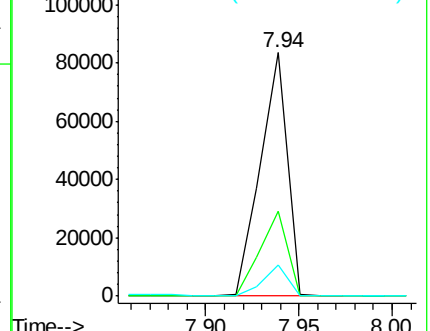
123 12.6 8.6 12.8

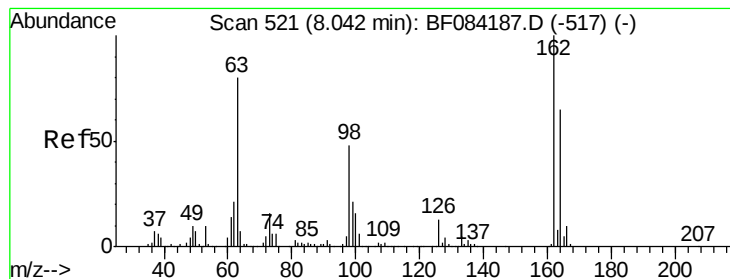


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 2.65 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

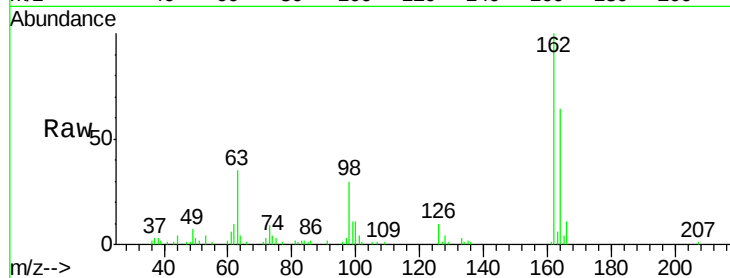
Tot Ion:162 Resp: 54740

Ion Ratio Lower Upper

162 100

164 63.6 44.1 84.1

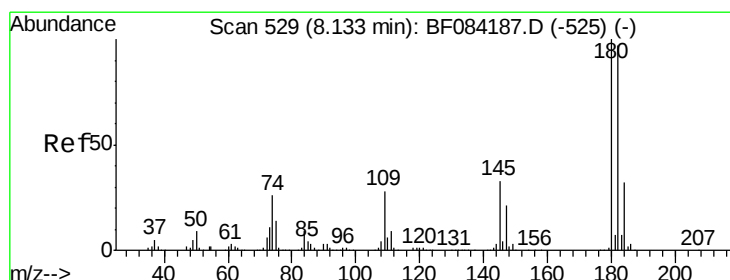
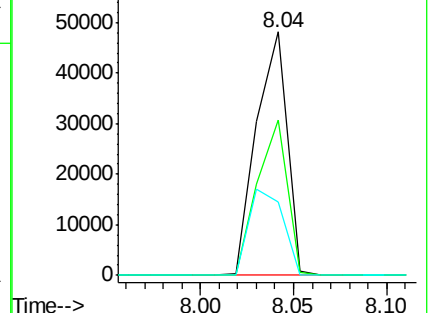
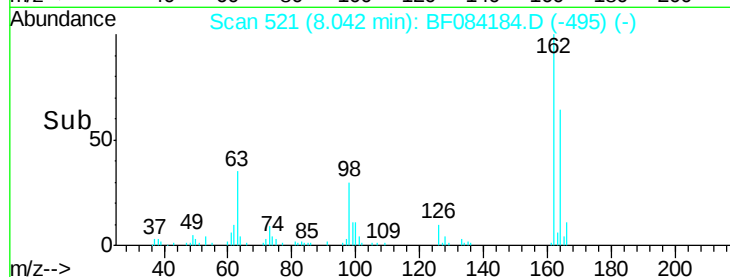
98 30.0 20.2 60.2



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: 2.73 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

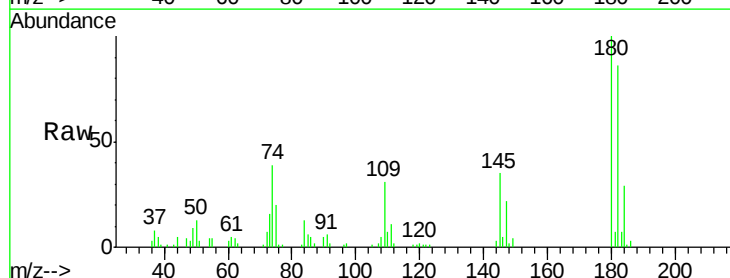
Tgt Ion:180 Resp: 60291

Ion Ratio Lower Upper

180 100

182 86.3 76.4 114.6

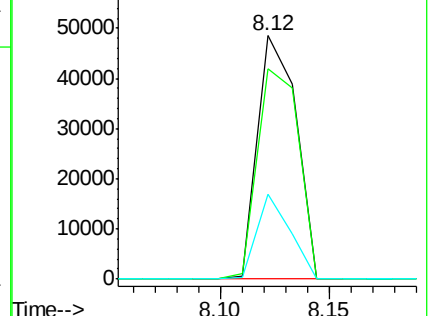
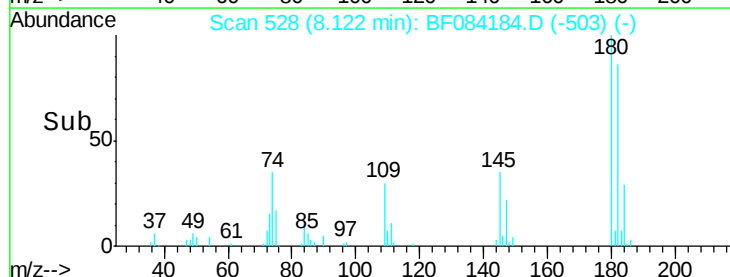
145 35.1 31.6 47.4

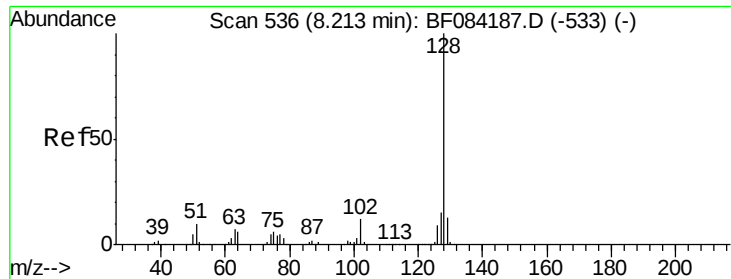


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

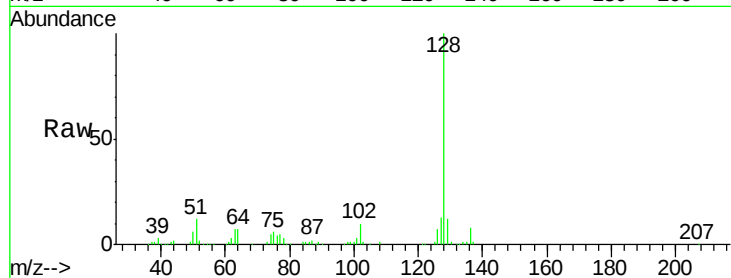




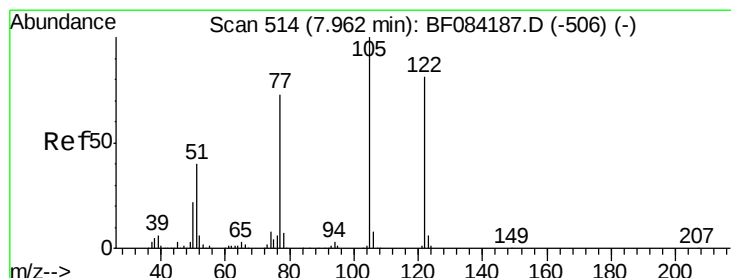
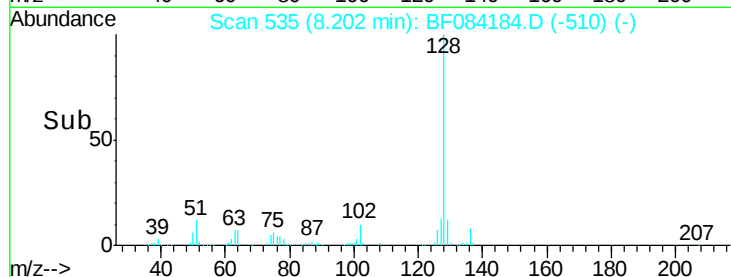
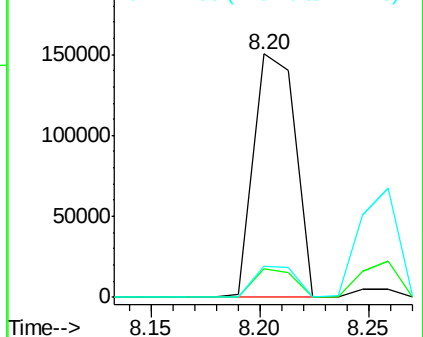
#31
Naphthalene
Concen: 2.79 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF084184.D
Acq: 31 Dec 2015 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	12.9	11.1	16.7

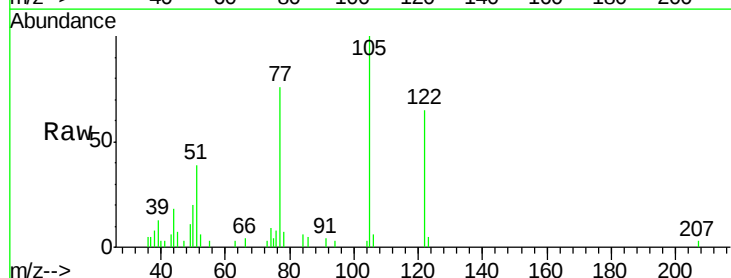


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

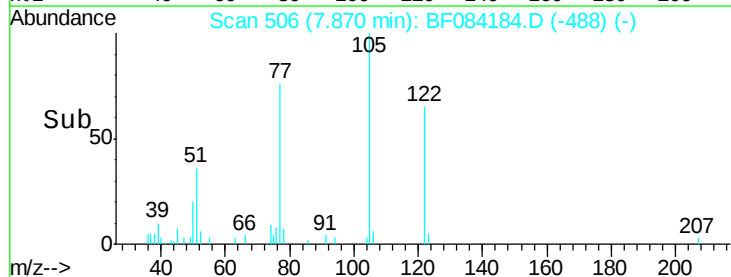
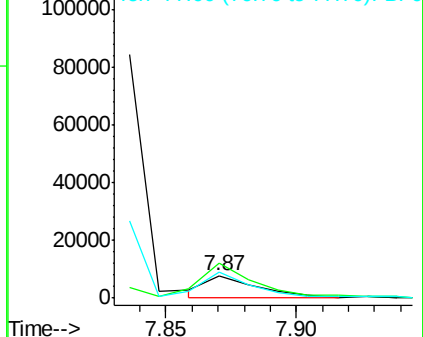


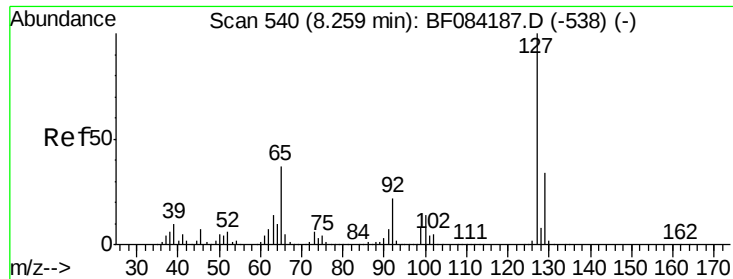
#32
Benzoic acid
Concen: 0.97 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.09 min
Lab File: BF084184.D
Acq: 31 Dec 2015 9:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	153.0	100.3	140.3#
77	115.6	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

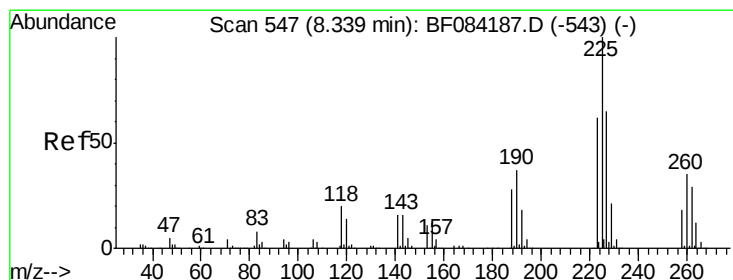
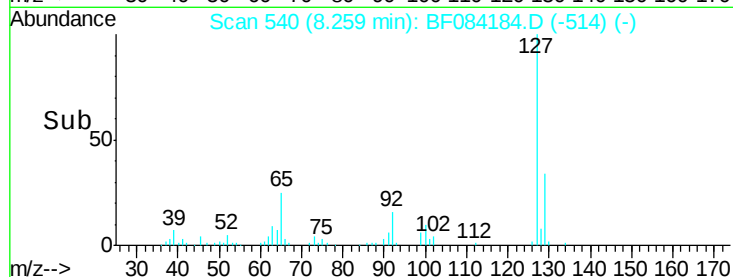
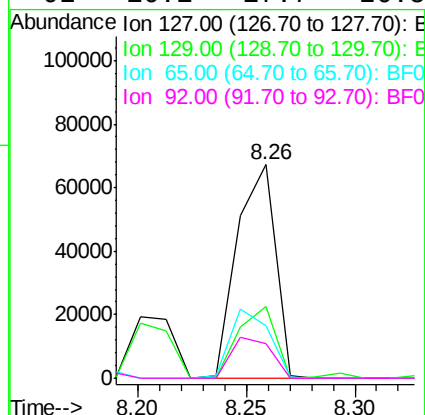
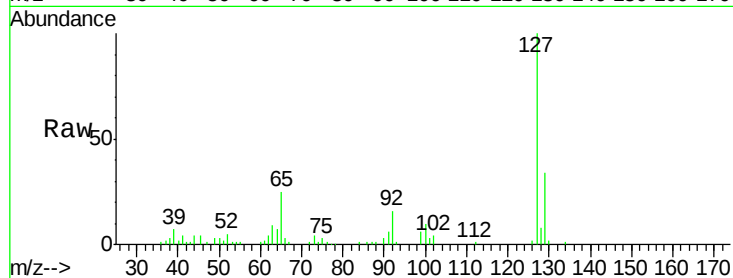




#33
4-Chloroaniline
Concen: 2.60 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF084184.D
Acq: 31 Dec 2015 9:19

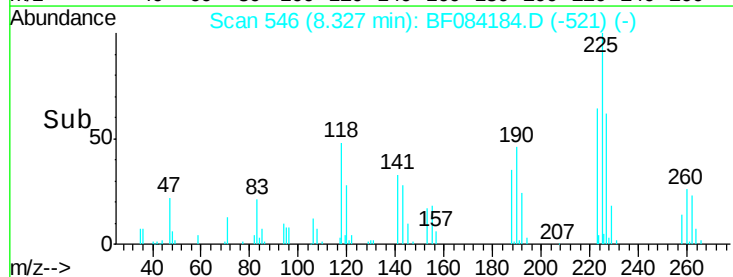
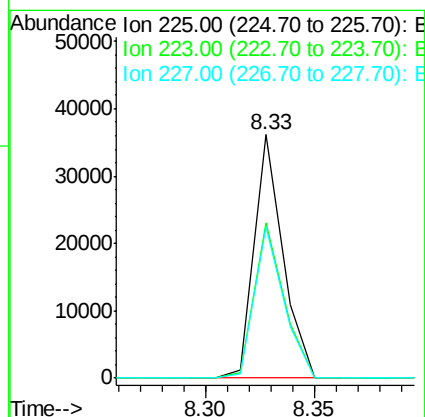
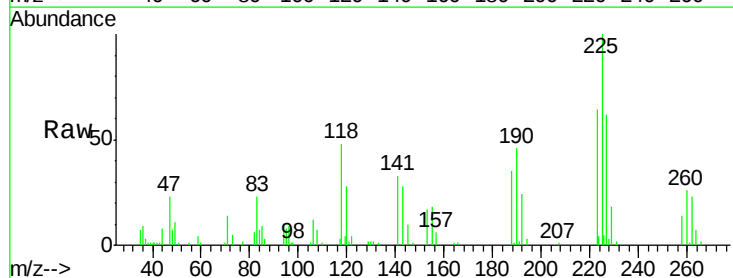
Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

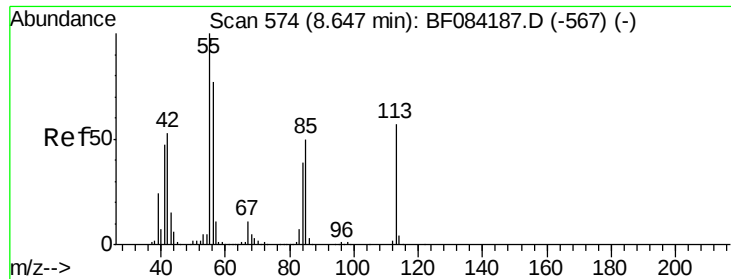
Tot Ion:	127	Resp:	82329
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.5	39.7
65	24.6	27.2	40.8#
92	16.1	17.7	26.5#



#34
Hexachlorobutadiene
Concen: 2.72 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF084184.D
Acq: 31 Dec 2015 9:19

Tgt Ion:	225	Resp:	33170
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.4	74.0
227	62.2	50.8	76.2

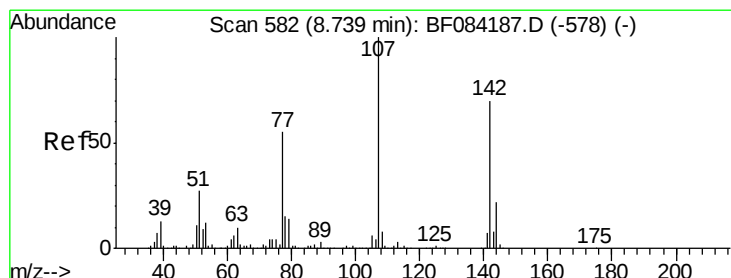
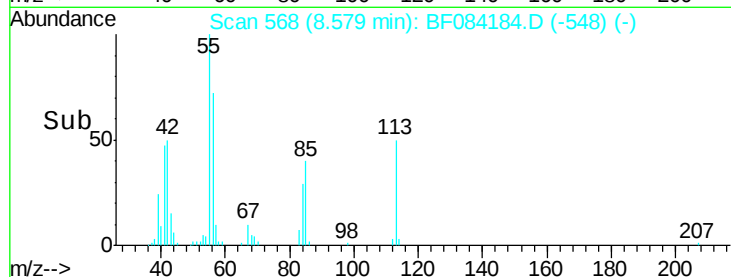
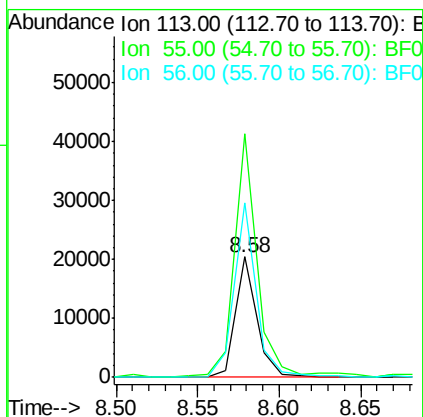
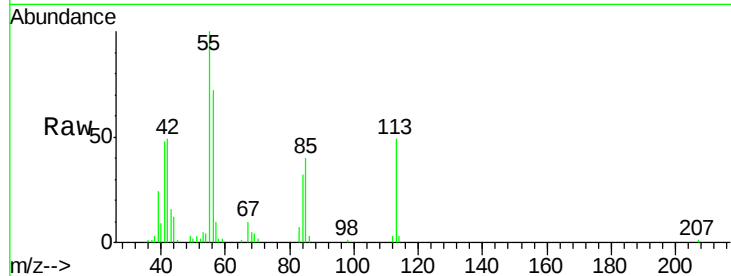




#35
Caprolactam
Concen: 2.58 ng
RT: 8.58 min Scan# 568
Delta R.T. -0.07 min
Lab File: BF084184.D
Acq: 31 Dec 2015 9:19

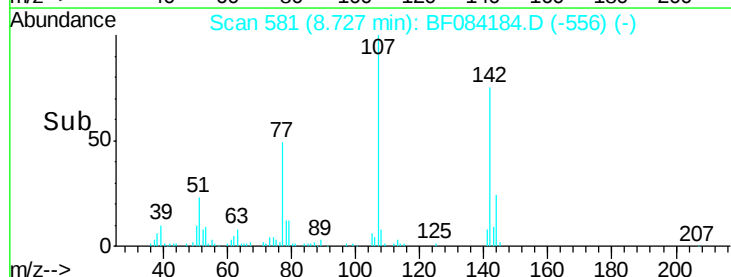
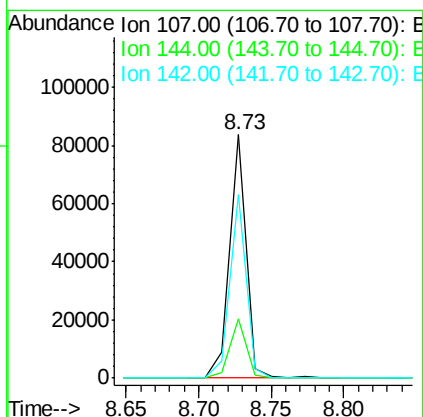
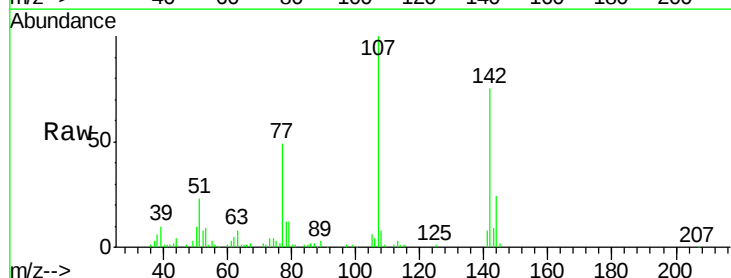
Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

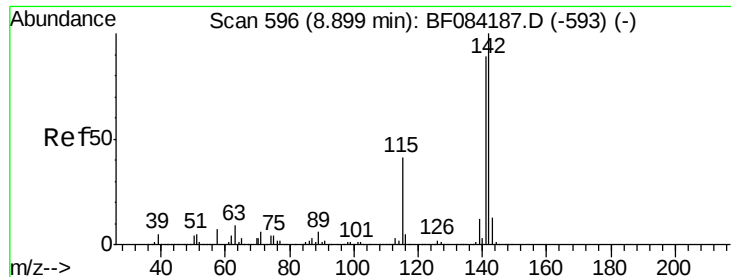
Tot Ion:113 Resp: 18063
Ion Ratio Lower Upper
113 100
55 202.6 116.9 156.9#
56 145.3 93.8 133.8#



#36
4-Chloro-3-methylphenol
Concen: 2.84 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF084184.D
Acq: 31 Dec 2015 9:19

Tgt Ion:107 Resp: 66458
Ion Ratio Lower Upper
107 100
144 24.1 19.7 29.5
142 75.5 61.8 92.6

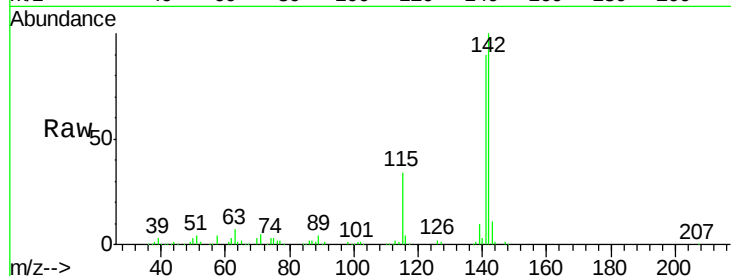




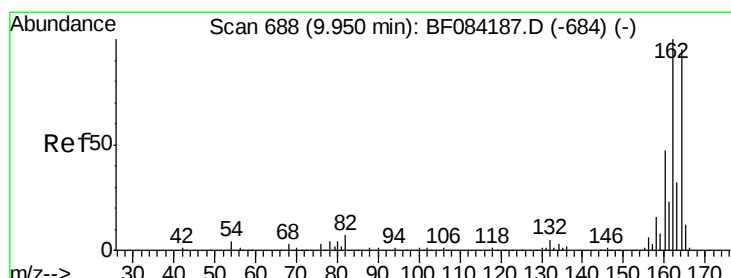
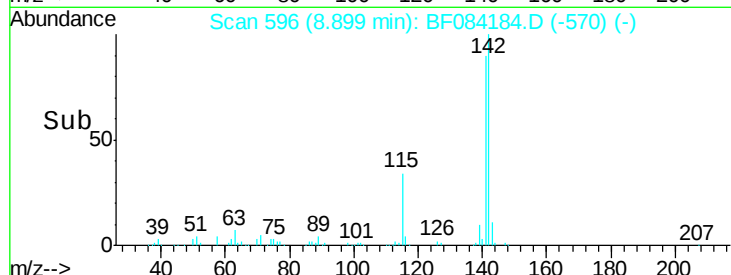
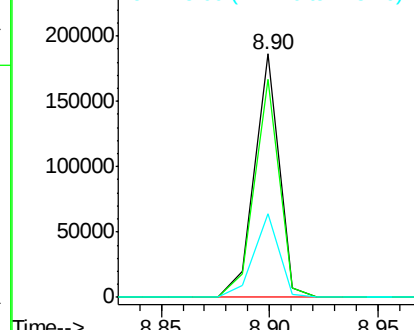
#37
2-Methylnaphthalene
Concen: 2.94 ng
RT: 8.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF084184.D
Acq: 31 Dec 2015 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.4	108.6
115	34.3	27.9	41.9

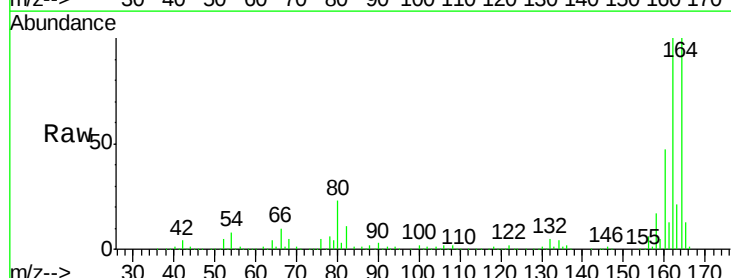


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

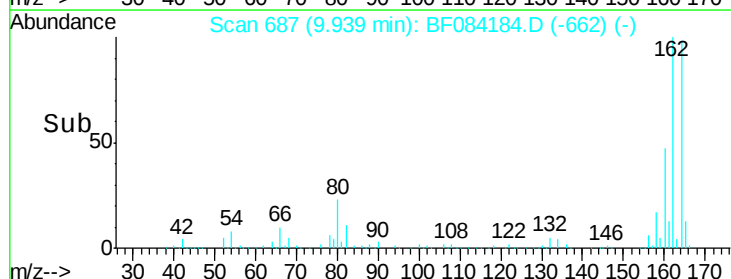
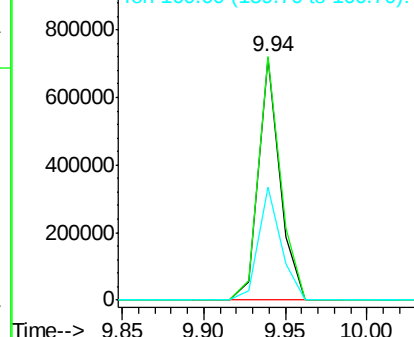


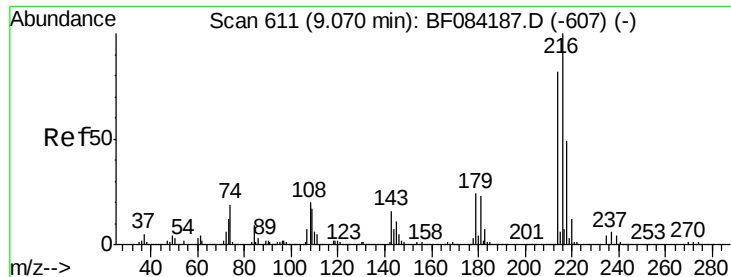
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF084184.D
Acq: 31 Dec 2015 9:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	85.1	127.7
160	46.7	37.5	56.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.79 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

Tot Ion:216 Resp: 58114

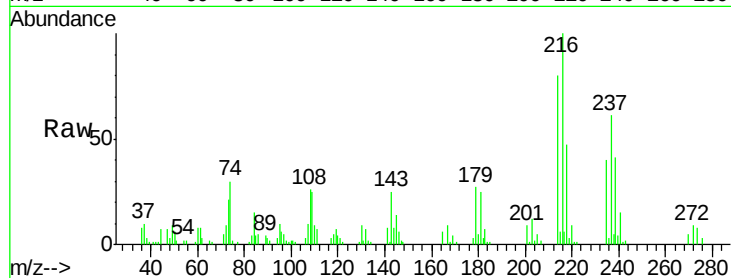
Ion Ratio Lower Upper

216 100

214 78.9 64.2 96.2

179 22.8 18.7 28.1

108 20.1 16.8 25.2

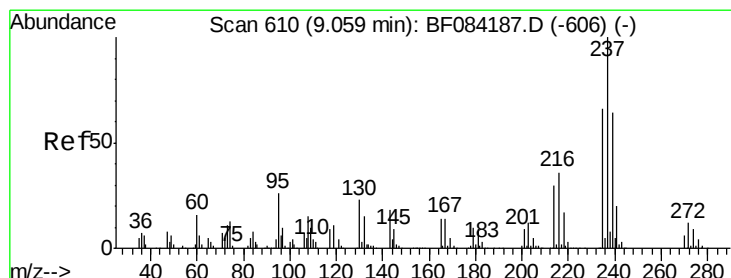
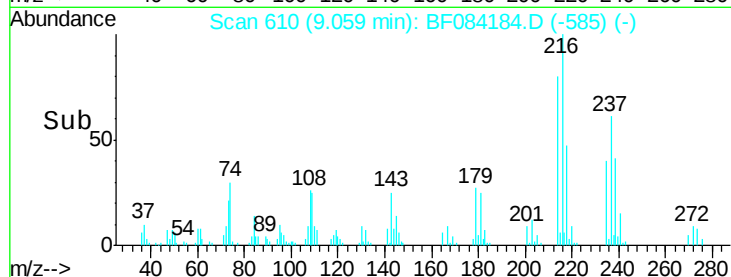
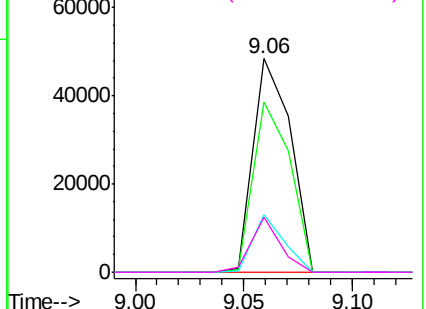


Abundance Ion 216.00 (215.70 to 216.70): E

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: 2.28 ng

RT: 9.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

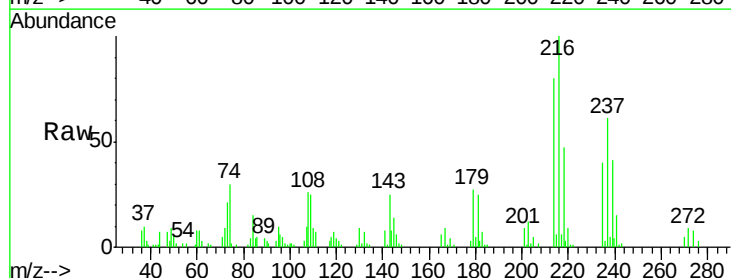
Tgt Ion:237 Resp: 26427

Ion Ratio Lower Upper

237 100

235 66.6 43.1 83.1

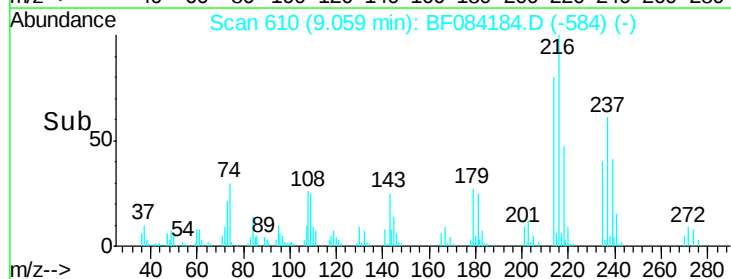
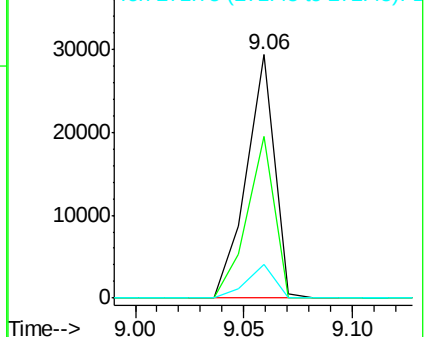
272 14.1 0.0 35.1

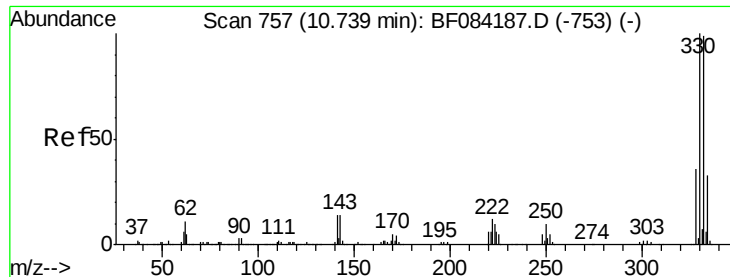


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

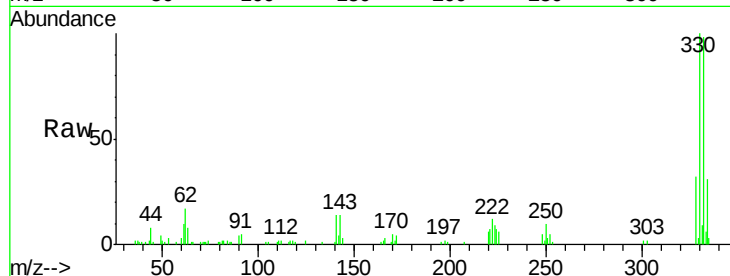




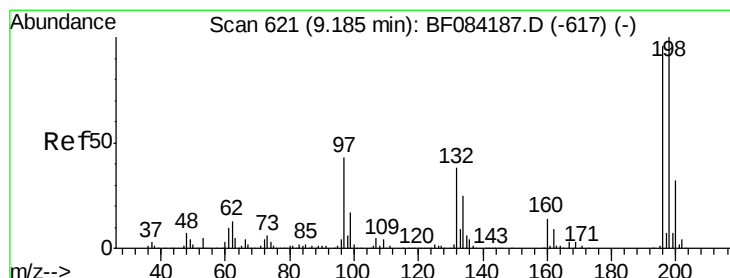
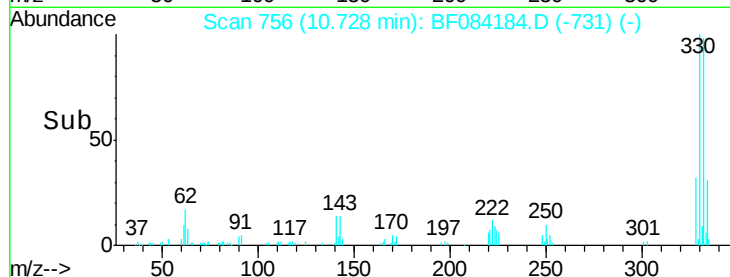
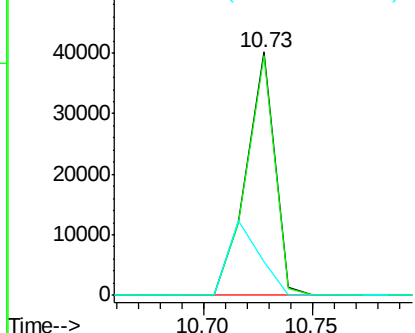
#41
 2,4,6-Tribromophenol
 Concen: 2.58 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion:330 Resp: 36850
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 114.8
 141 33.5 27.8 41.6

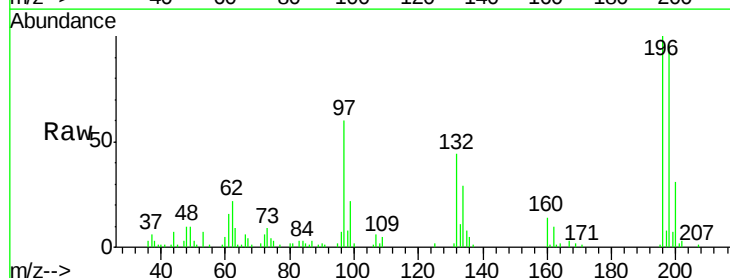


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

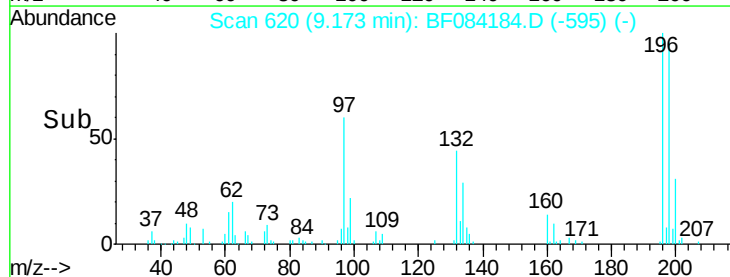
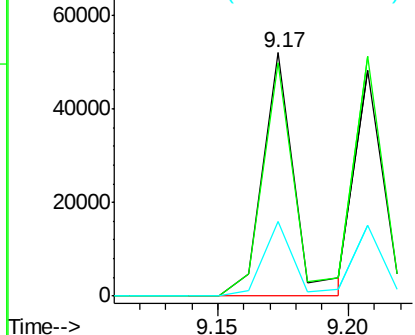


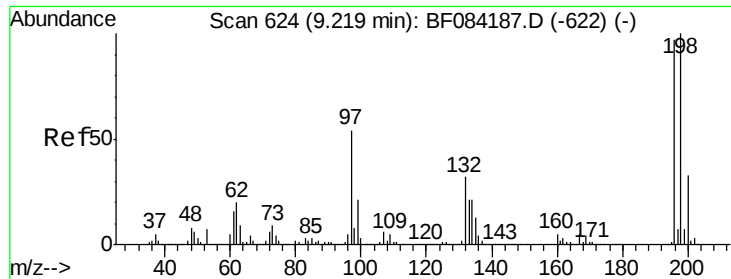
#42
 2,4,6-Trichlorophenol
 Concen: 2.89 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

Tgt Ion:196 Resp: 43510
 Ion Ratio Lower Upper
 196 100
 198 95.9 77.7 116.5
 200 30.9 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

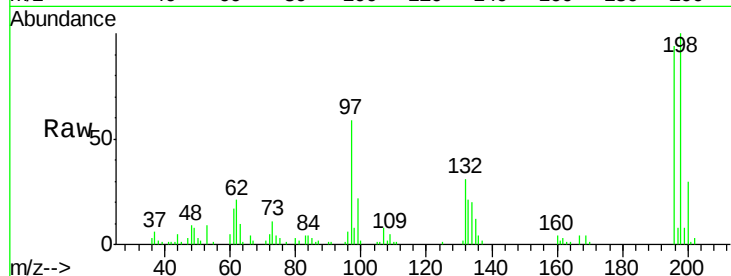




#43
 2,4,5-Trichlorophenol
 Concen: 2.61 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
196	100		
198	106.1	79.0	118.6
97	62.1	33.0	49.6
132	32.6	21.1	31.7



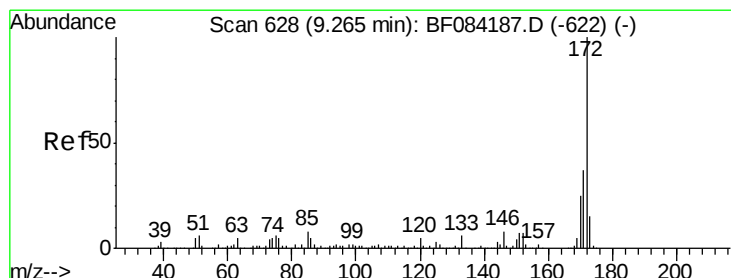
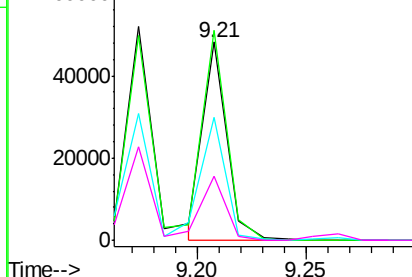
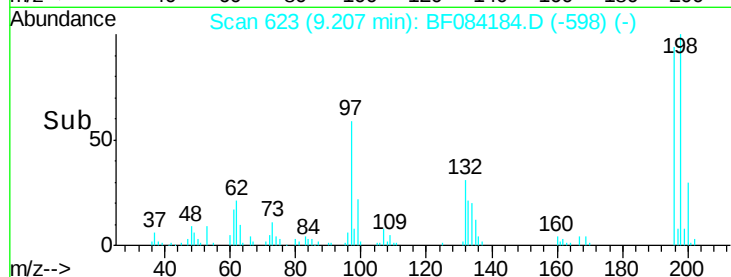
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

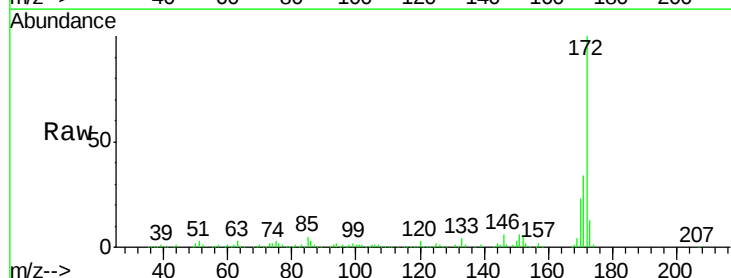
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 3.08 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.9	43.3
170	22.6	18.6	27.8

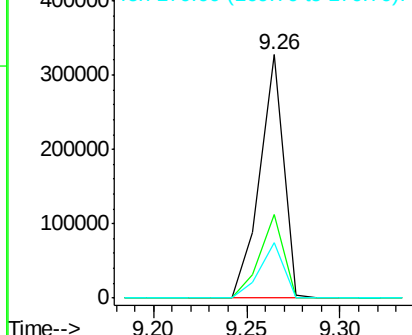
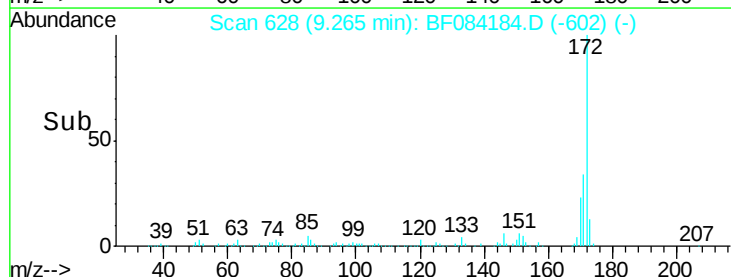


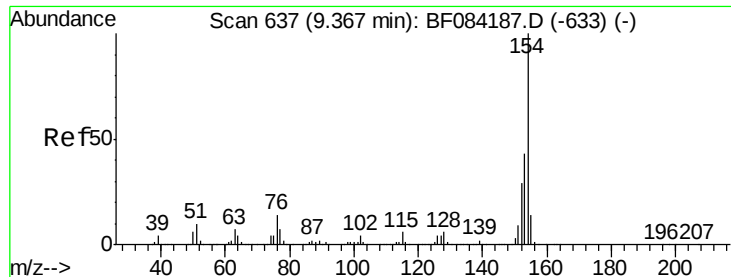
Abundance

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

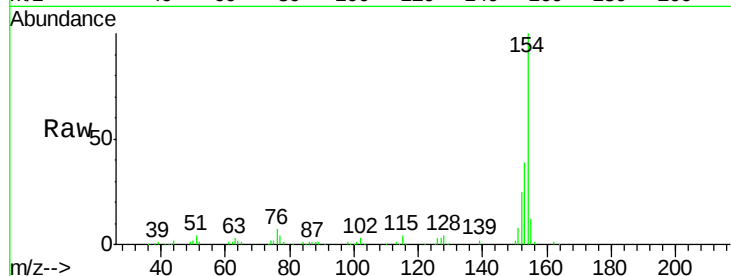




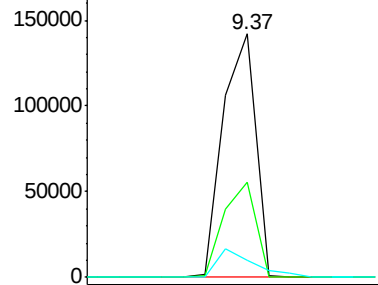
#45
 1,1'-Biphenyl
 Concen: 2.86 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

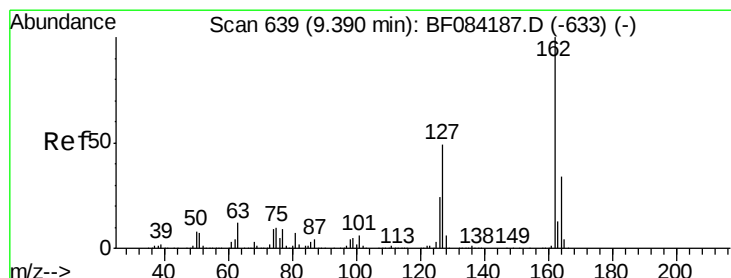
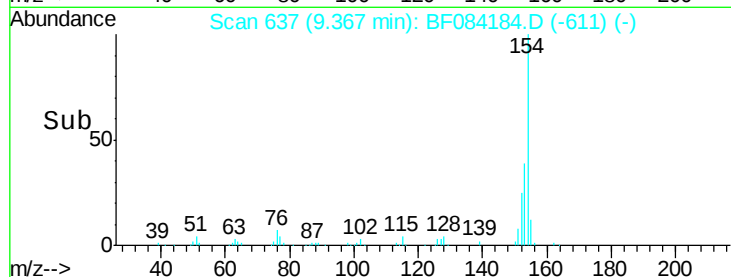
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.2	21.6	61.6
76	7.2	0.0	32.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

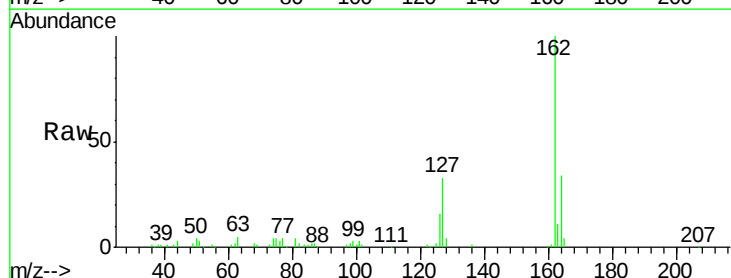


Time-->

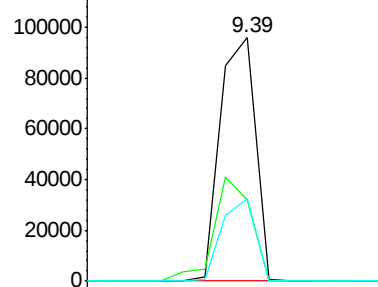


#46
 2-Chloronaphthalene
 Concen: 2.82 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

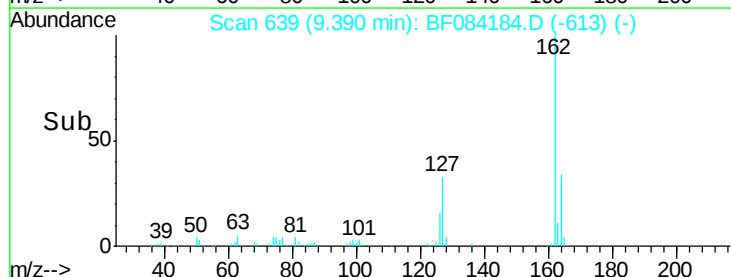
Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.1	40.2	60.4#
164	33.6	25.7	38.5

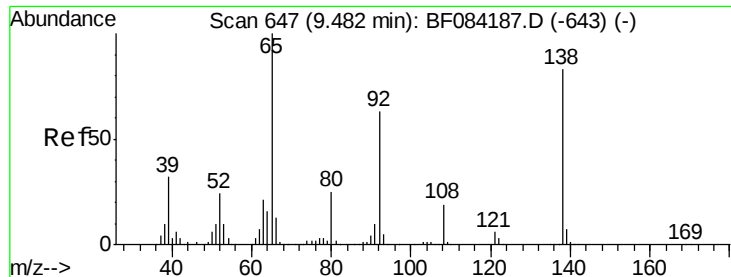


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



Time-->

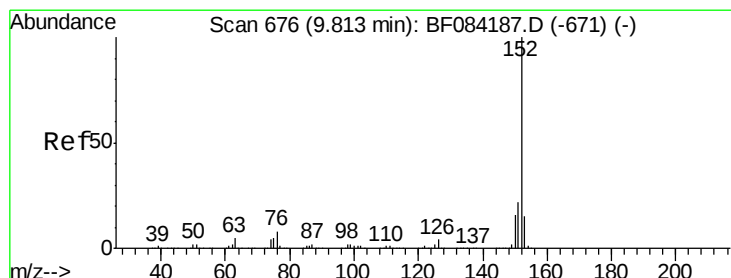
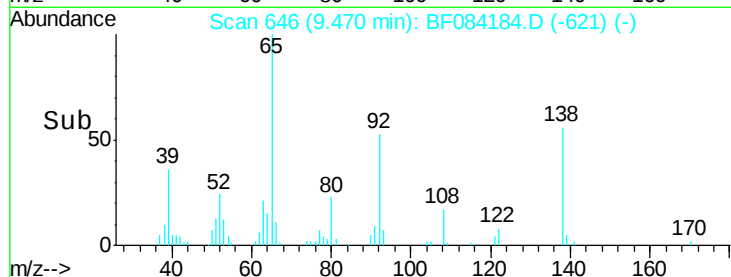
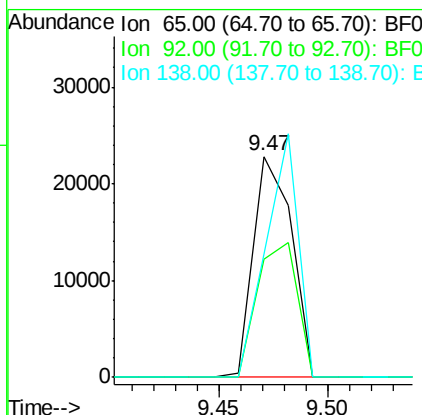
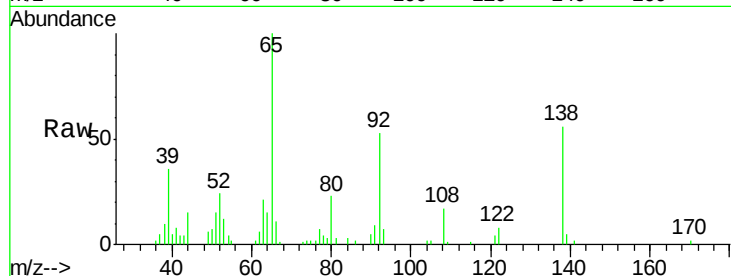




#47
 2-Nitroaniline
 Concen: 2.16 ng
 RT: 9.47 min Scan# 646
 Delta R.T. -0.01 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

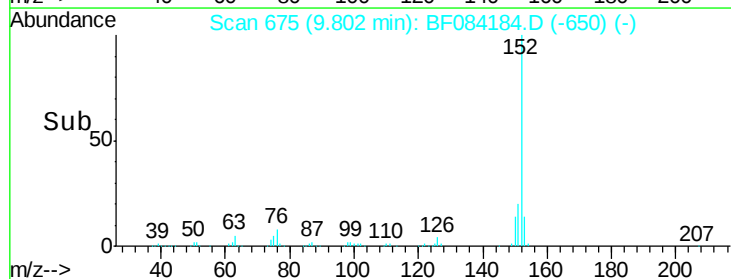
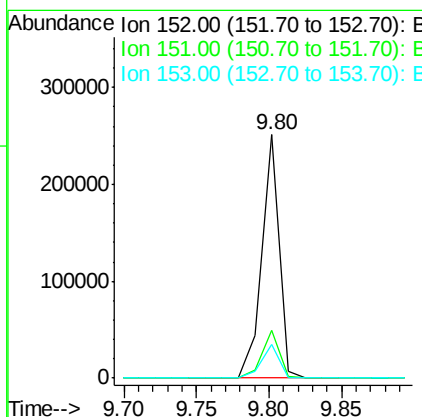
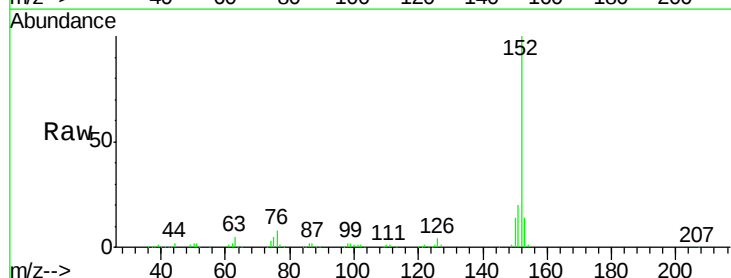
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

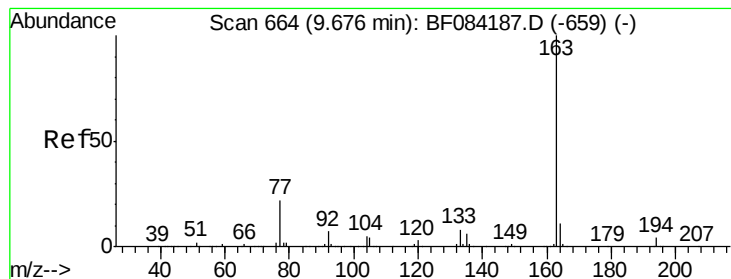
Tot Ion: 65 Resp: 28140
 Ion Ratio Lower Upper
 65 100
 92 53.5 53.4 80.2
 138 56.1 71.1 106.7#



#48
 Acenaphthylene
 Concen: 2.93 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

Tgt Ion: 152 Resp: 208692
 Ion Ratio Lower Upper
 152 100
 151 19.5 16.3 24.5
 153 13.8 10.4 15.6





#49

Dimethylphthalate

Concen: 2.62 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

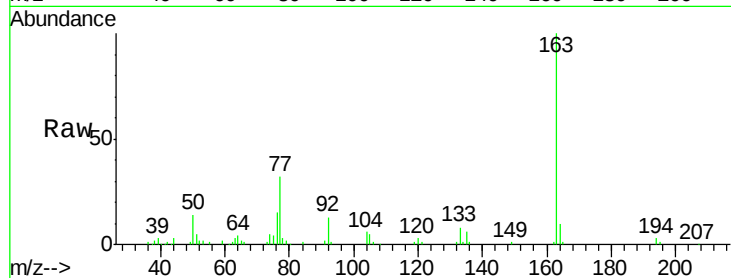
Tot Ion:163 Resp: 133527

Ion Ratio Lower Upper

163 100

194 2.8 8.0 12.0#

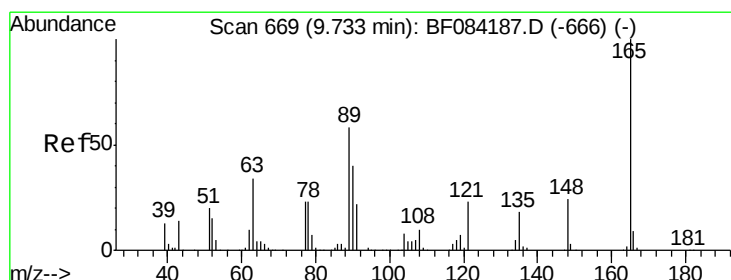
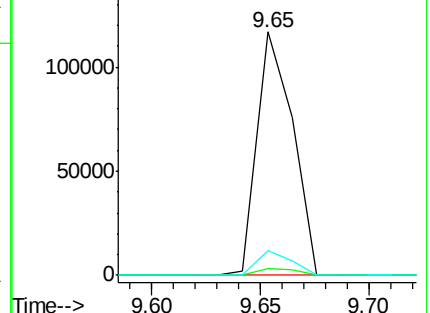
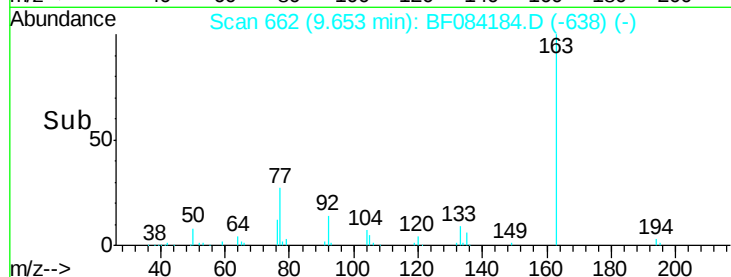
164 9.9 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 2.18 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

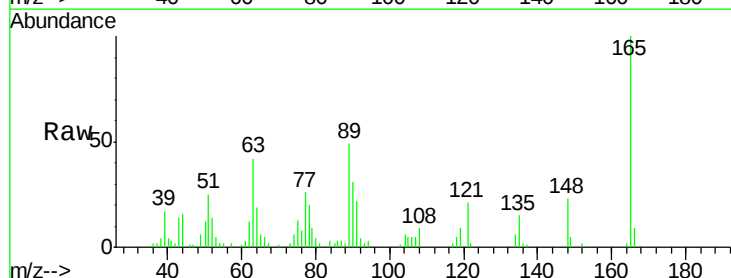
Tgt Ion:165 Resp: 23162

Ion Ratio Lower Upper

165 100

63 41.7 28.8 43.2

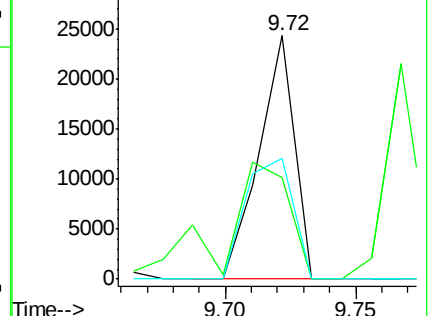
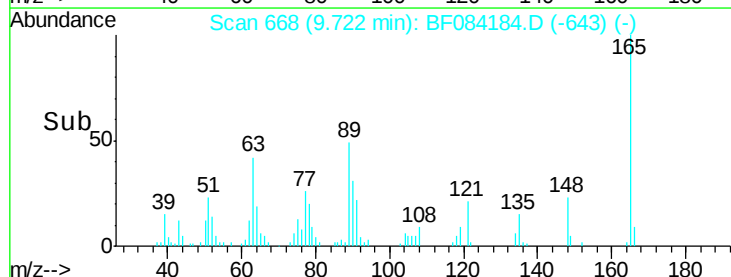
89 49.4 35.1 52.7

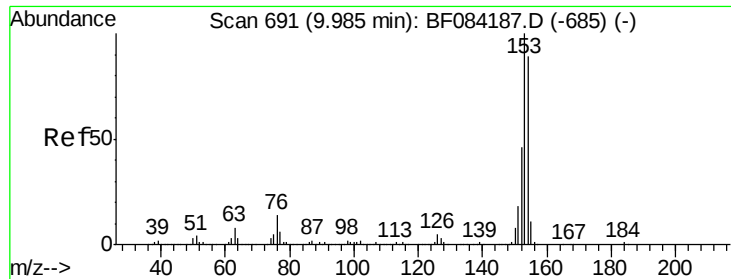


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 2.93 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

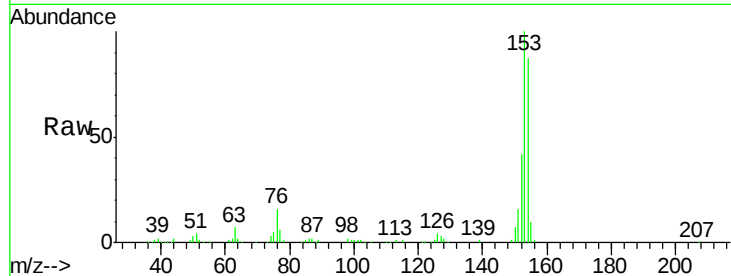
Tot Ion:154 Resp: 136243

Ion Ratio Lower Upper

154 100

153 114.4 91.5 137.3

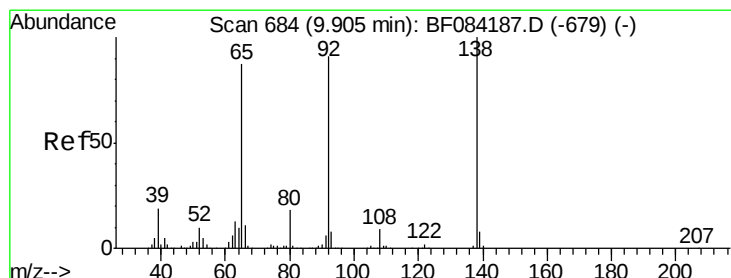
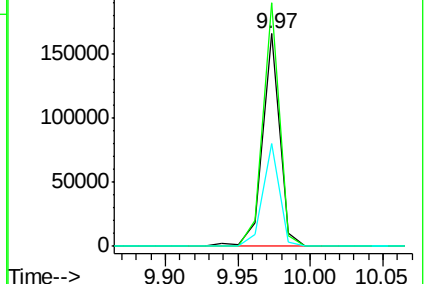
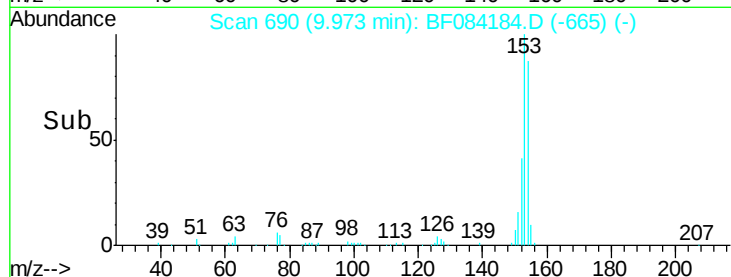
152 48.6 43.0 64.6



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: 2.48 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

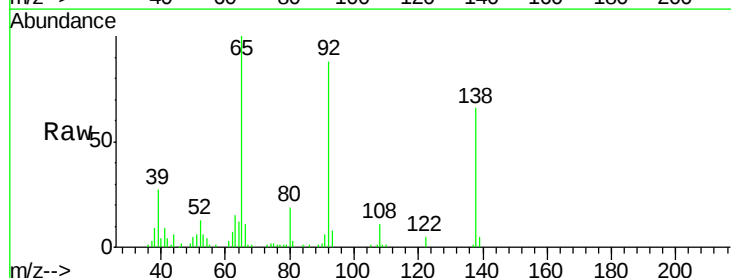
Tgt Ion:138 Resp: 32447

Ion Ratio Lower Upper

138 100

108 16.9 10.5 15.7#

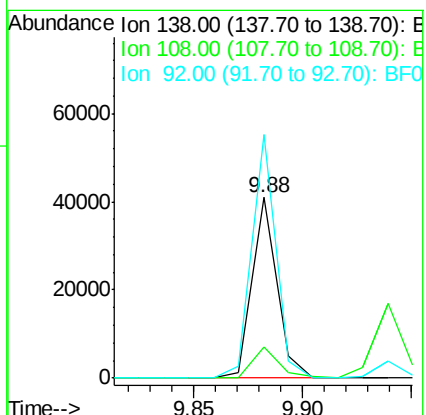
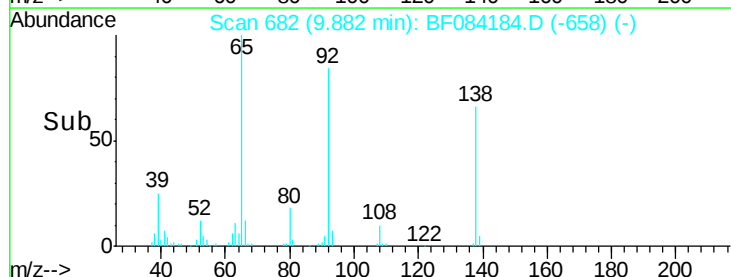
92 134.6 103.9 155.9

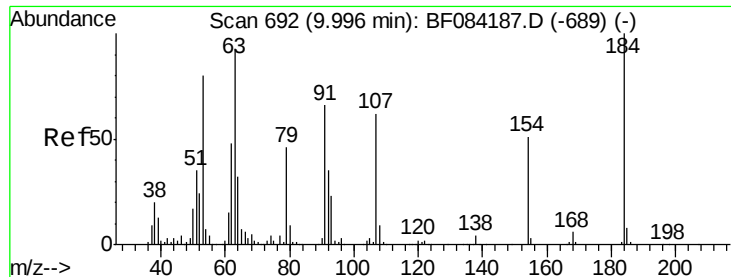


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

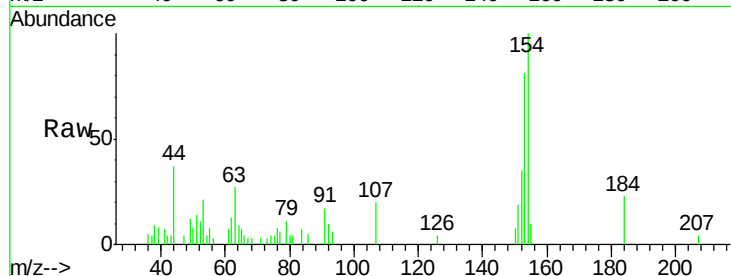




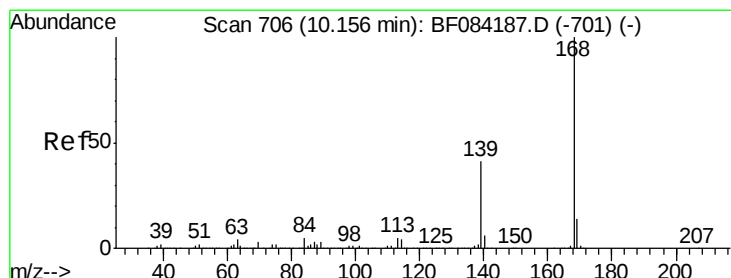
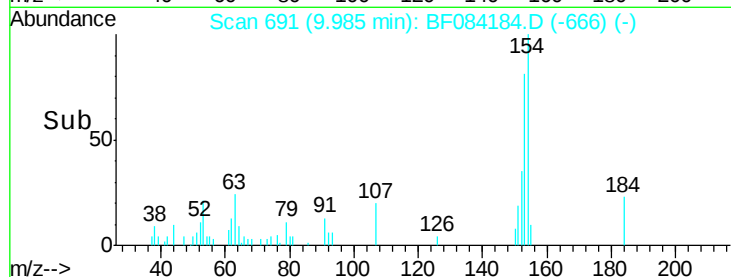
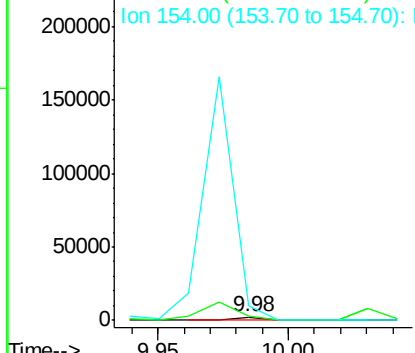
#53
2,4-Dinitrophenol
Concen: 0.66 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF084184.D
Acq: 31 Dec 2015 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tot Ion:184 Resp: 1839
Ion Ratio Lower Upper
184 100
63 120.7 43.1 64.7#
154 439.1 60.5 90.7#

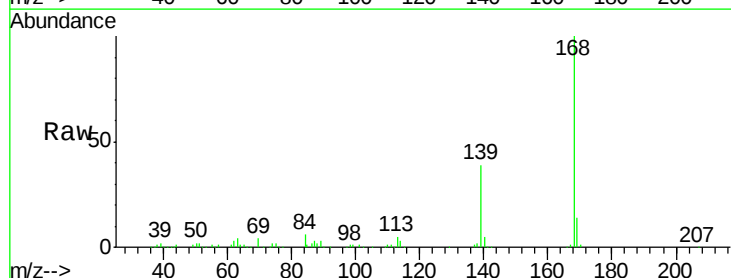


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

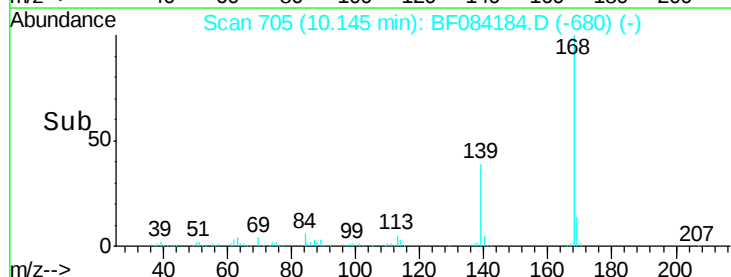
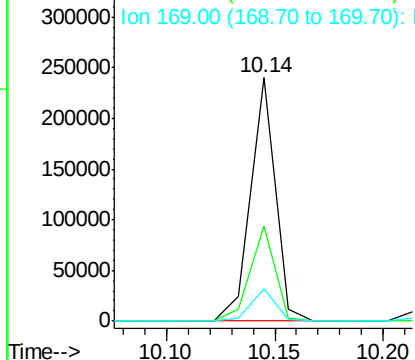


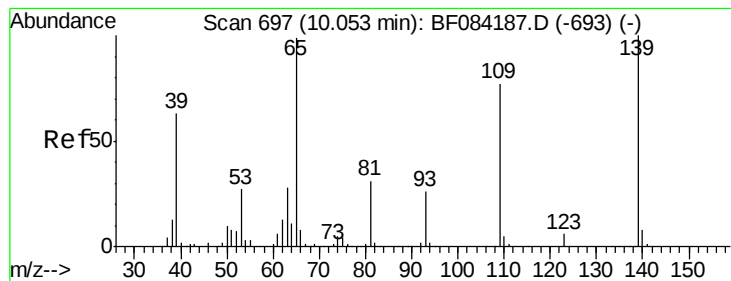
#54
Dibenzofuran
Concen: 2.96 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF084184.D
Acq: 31 Dec 2015 9:19

Tgt Ion:168 Resp: 189383
Ion Ratio Lower Upper
168 100
139 38.8 30.5 45.7
169 13.5 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: 1.35 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

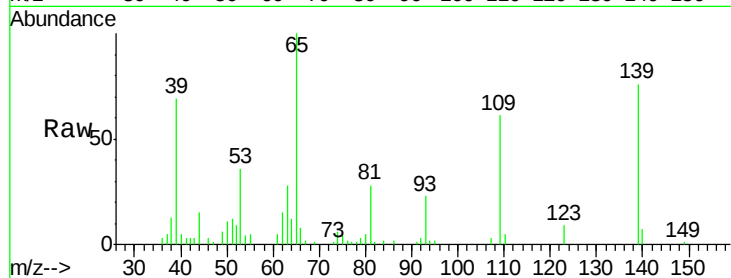
Tot Ion:139 Resp: 20006

Ion Ratio Lower Upper

139 100

109 80.3 58.5 98.5

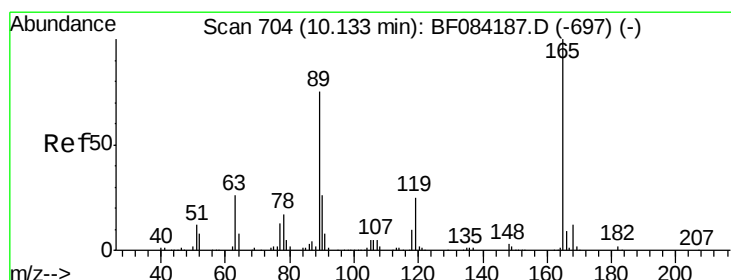
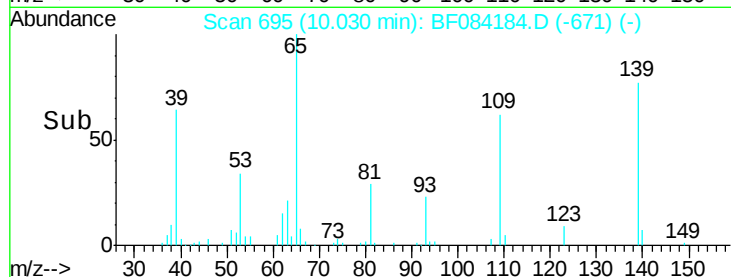
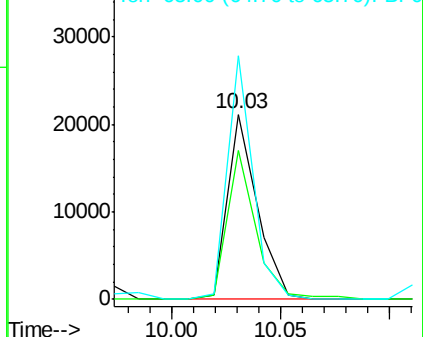
65 131.6 57.6 97.6#



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



#56

2,4-Dinitrotoluene

Concen: 2.05 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Tgt Ion:165 Resp: 27036

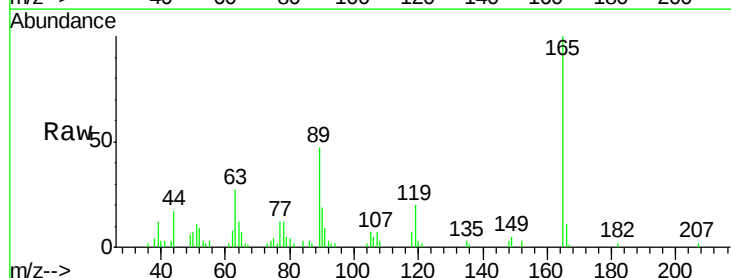
Ion Ratio Lower Upper

165 100

63 26.5 36.7 55.1#

89 47.0 61.9 92.9#

182 1.8 2.0 3.0#

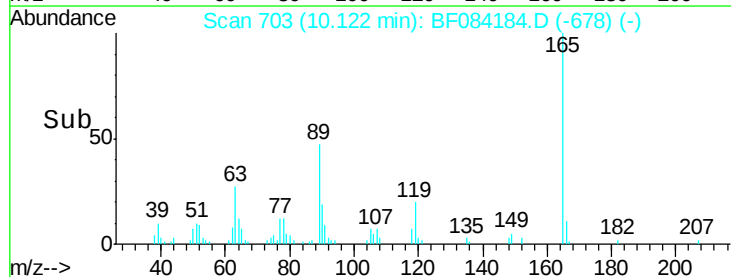
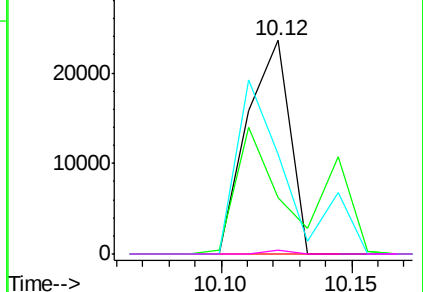


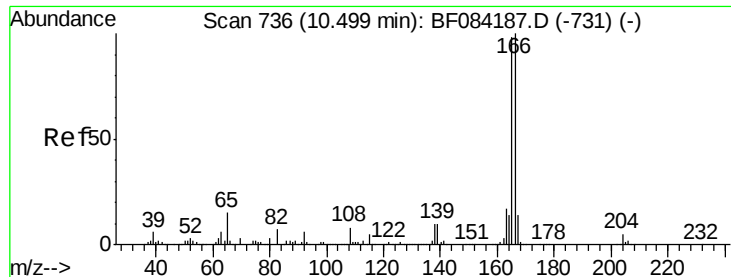
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

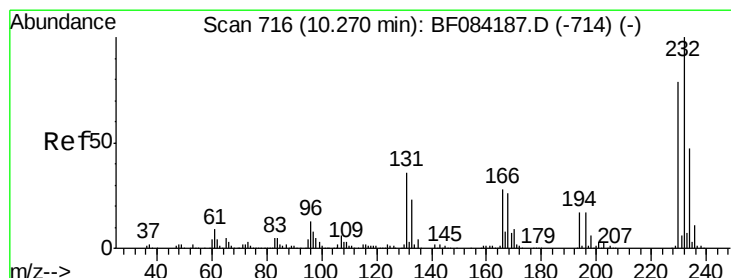
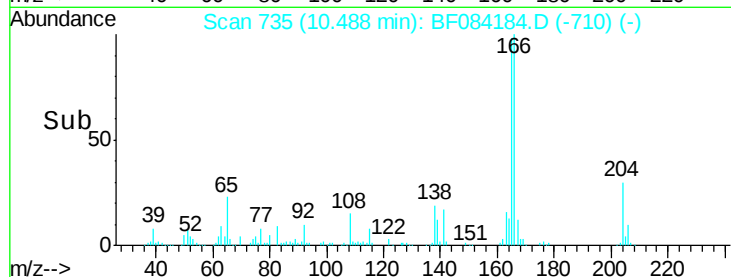
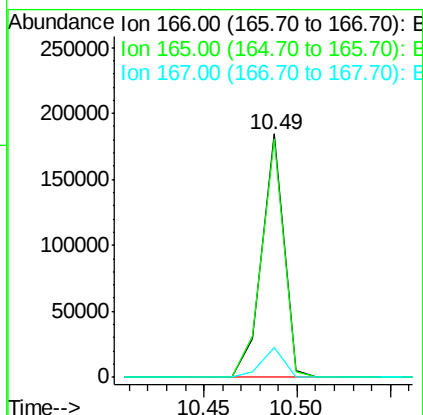
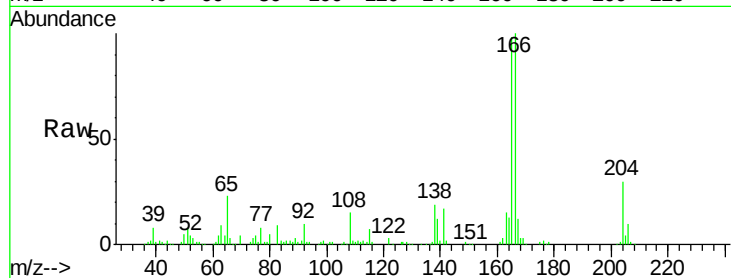




#57
 Fluorene
 Concen: 3.07 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

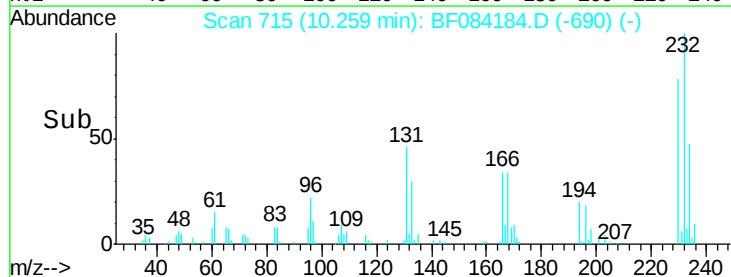
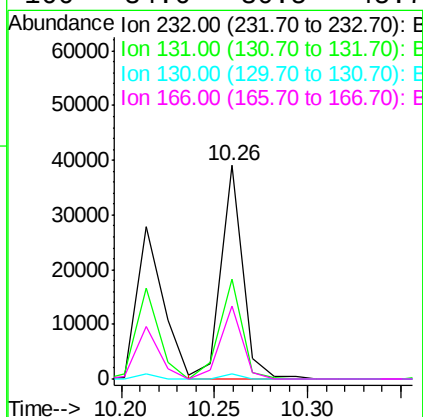
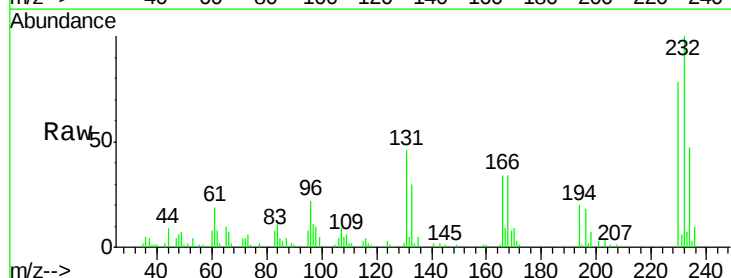
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

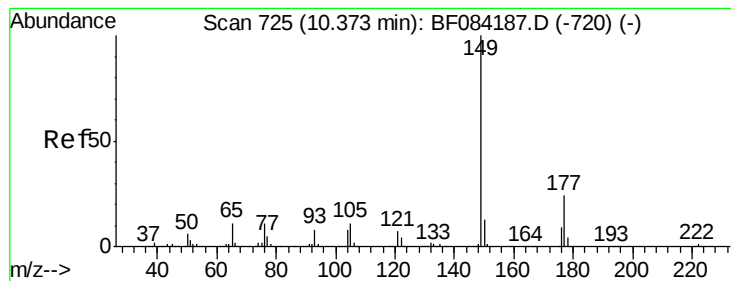
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.1	118.7
167	12.4	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.63 ng
 RT: 10.26 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.9	47.0	70.6
130	2.1	2.0	3.0
166	34.6	30.5	45.7





#59

Diethylphthalate

Concen: 2.90 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

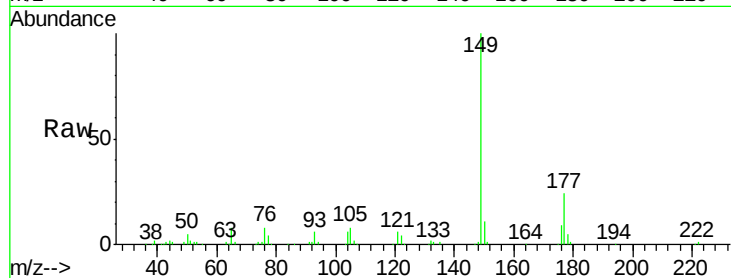
Tot Ion:149 Resp: 154347

Ion Ratio Lower Upper

149 100

177 23.5 17.3 25.9

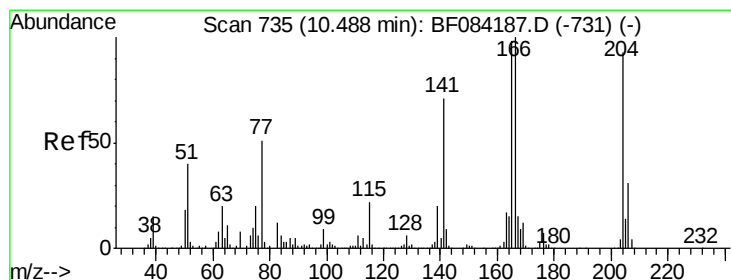
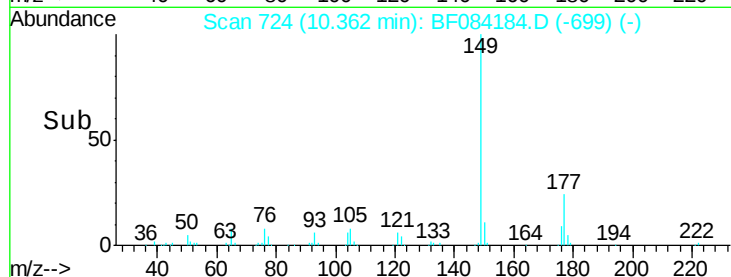
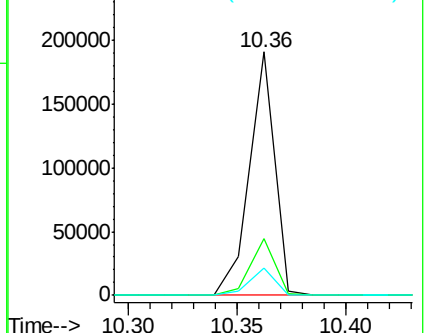
150 11.0 9.8 14.8



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: 2.92 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

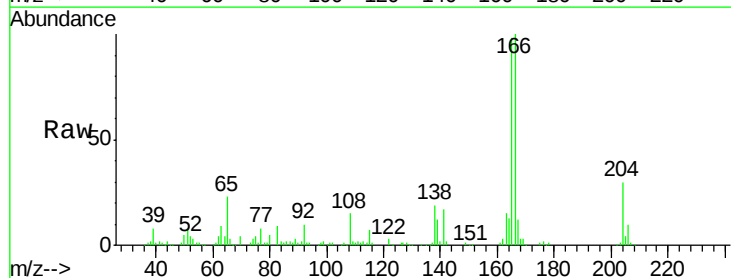
Tgt Ion:204 Resp: 64552

Ion Ratio Lower Upper

204 100

206 32.2 25.7 38.5

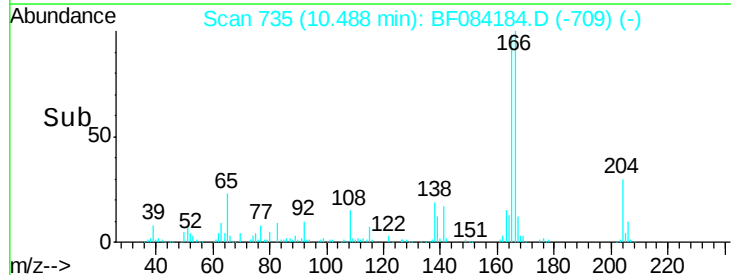
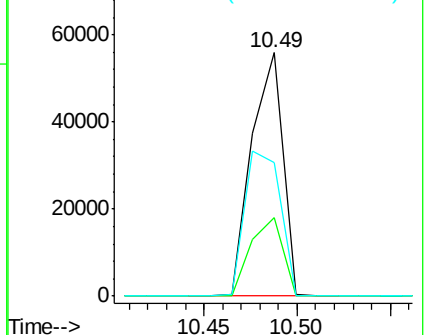
141 54.7 55.1 82.7#

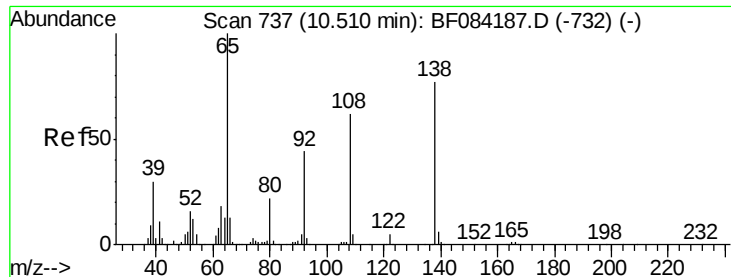


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 2.58 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

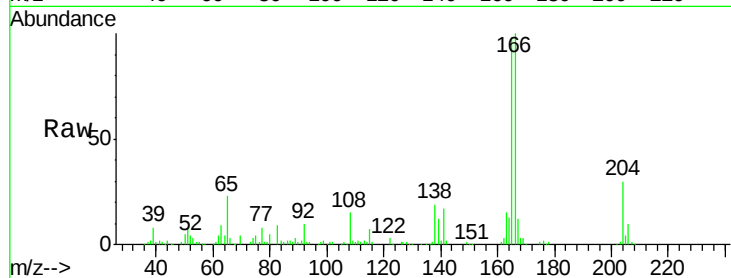
Tot Ion:138 Resp: 28631

Ion Ratio Lower Upper

138 100

92 53.2 32.6 72.6

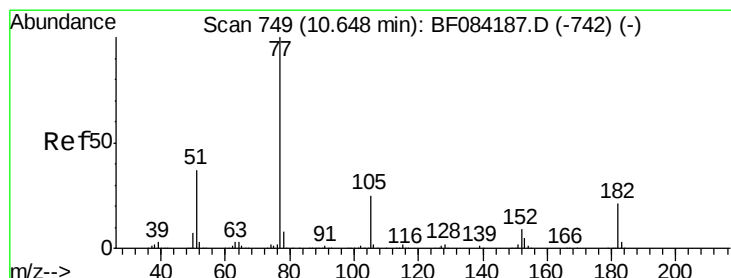
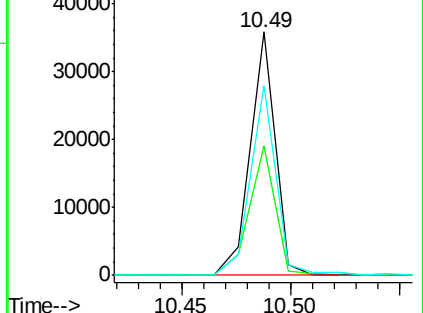
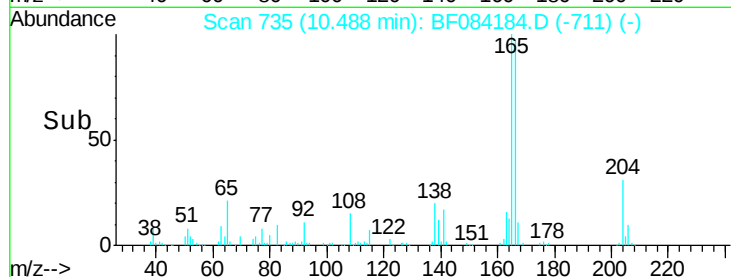
108 78.0 68.6 108.6



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: 2.73 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Tgt Ion: 77 Resp: 150957

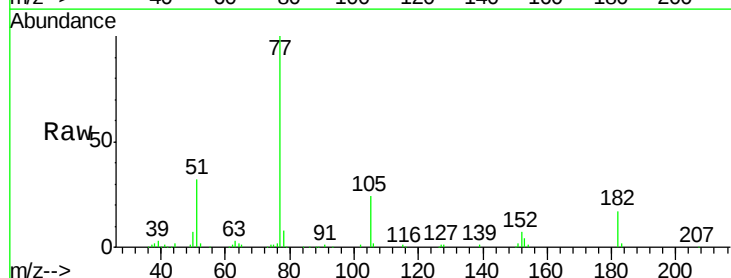
Ion Ratio Lower Upper

77 100

182 17.1 8.3 48.3

105 23.5 4.6 44.6

51 32.3 6.2 46.2

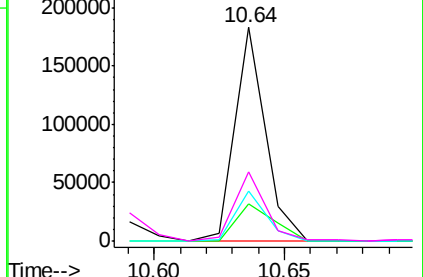
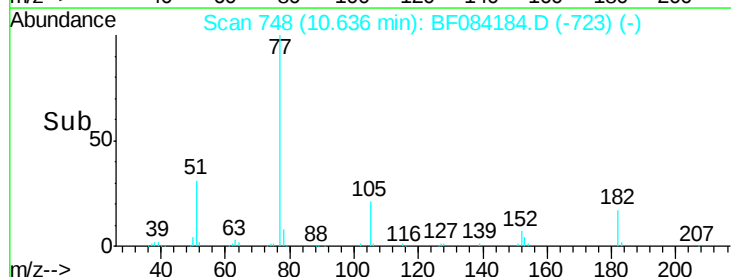


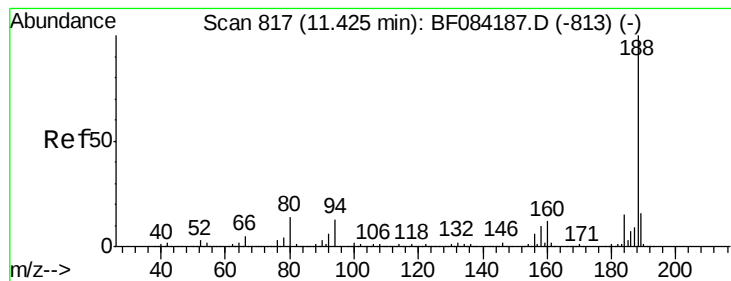
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

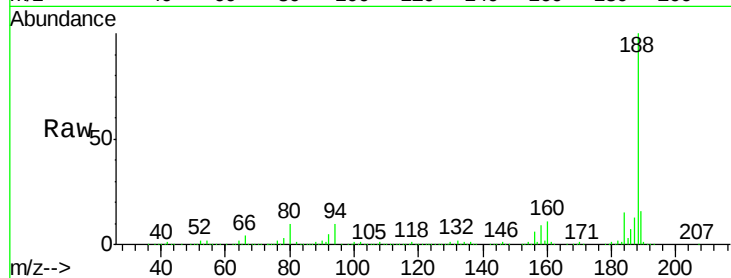
Tot Ion:188 Resp: 1239908

Ion Ratio Lower Upper

188 100

94 10.1 9.0 13.4

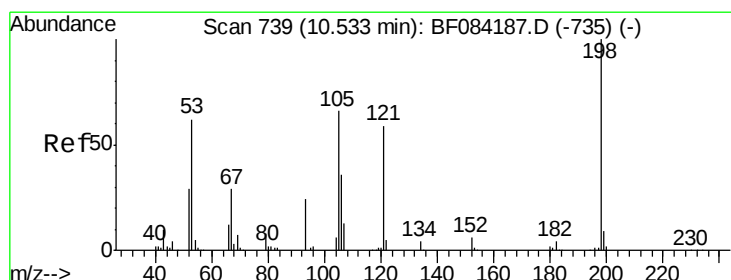
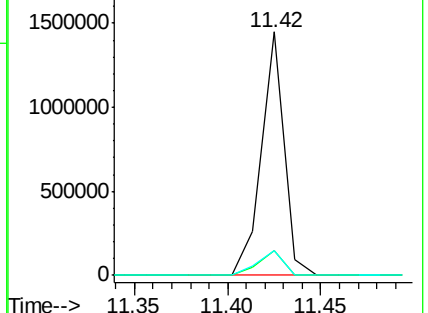
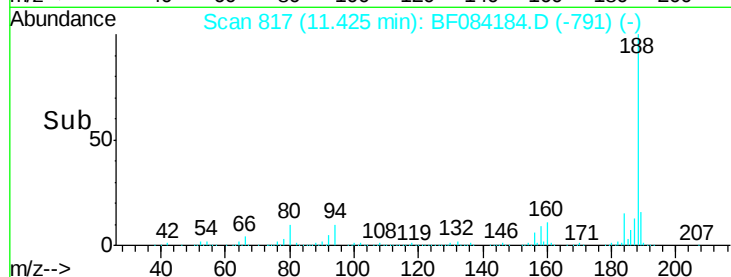
80 10.2 9.6 14.4



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: 1.40 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

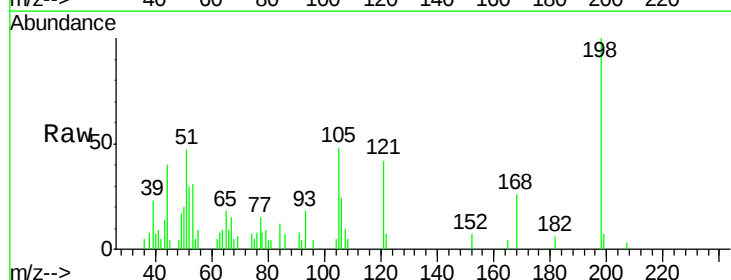
Tgt Ion:198 Resp: 7555

Ion Ratio Lower Upper

198 100

51 47.0 18.9 58.9

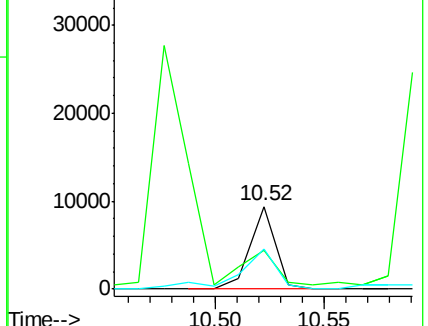
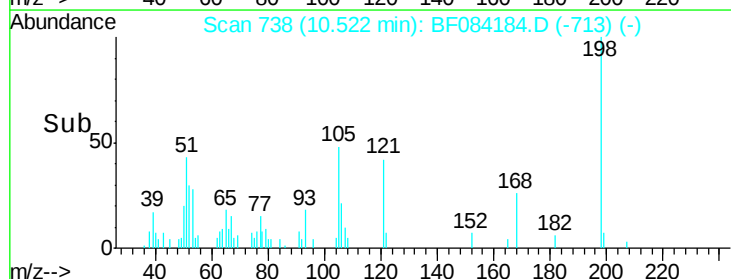
105 48.2 26.4 66.4

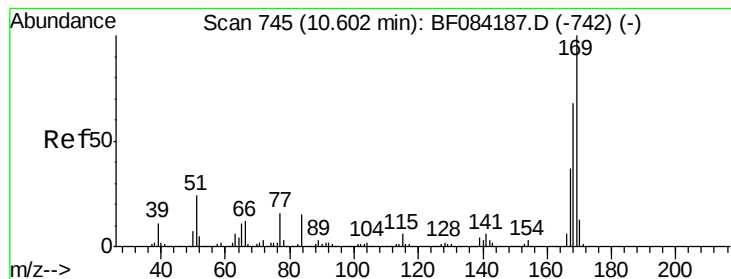


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 2.65 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

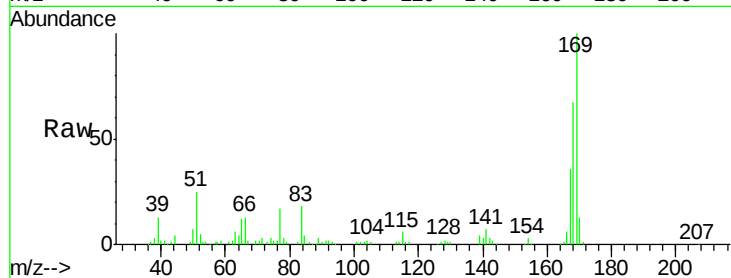
Tot Ion:169 Resp: 112065

Ion Ratio Lower Upper

169 100

168 67.0 55.1 82.7

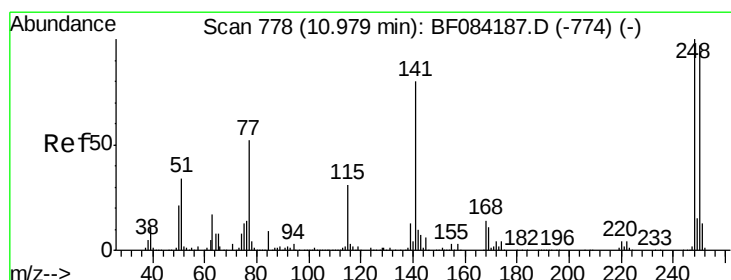
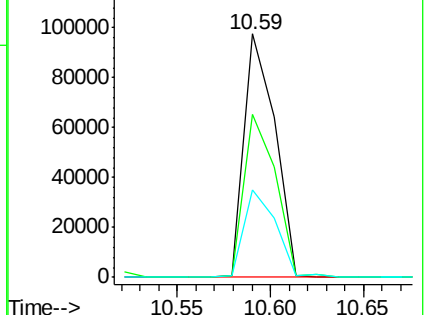
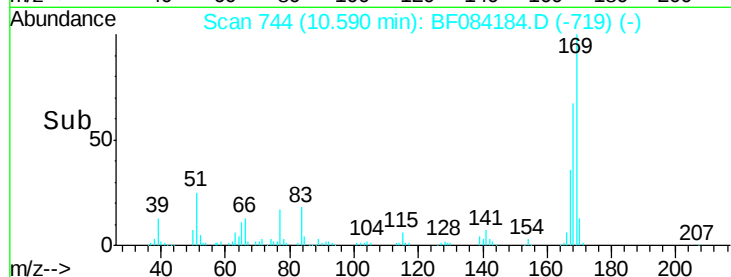
167 36.1 30.0 45.0



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: 2.65 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

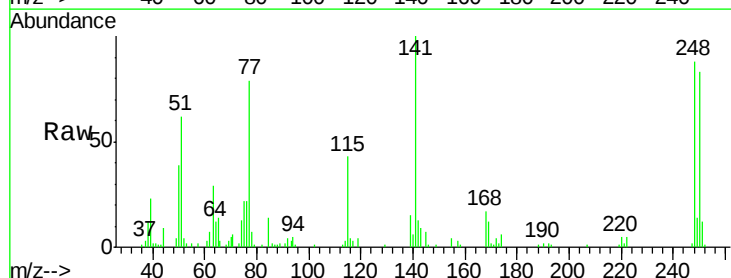
Tgt Ion:248 Resp: 37946

Ion Ratio Lower Upper

248 100

250 94.2 78.4 117.6

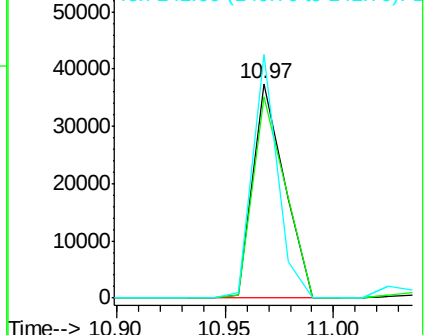
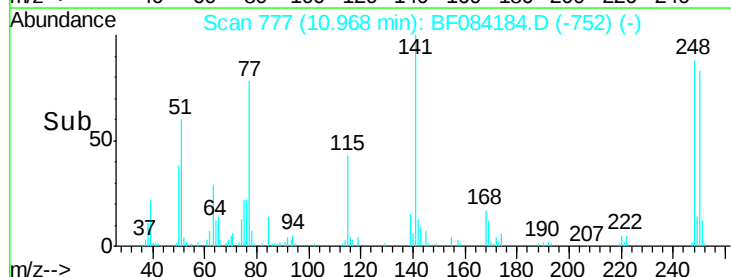
141 113.7 44.0 66.0#

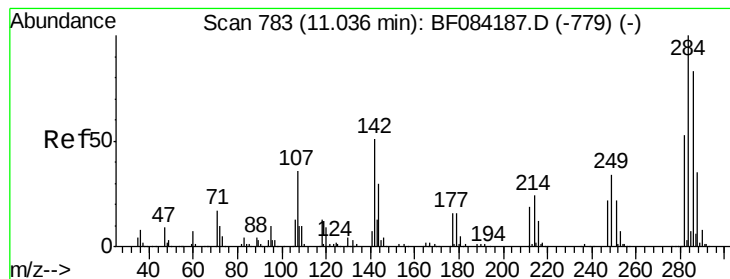


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 2.84 ng

RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

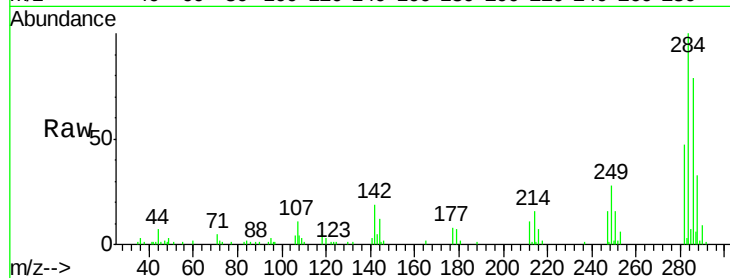
Tot Ion:284 Resp: 45213

Ion Ratio Lower Upper

284 100

142 18.9 22.2 33.4#

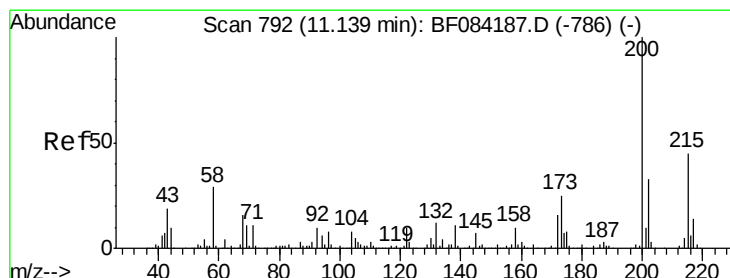
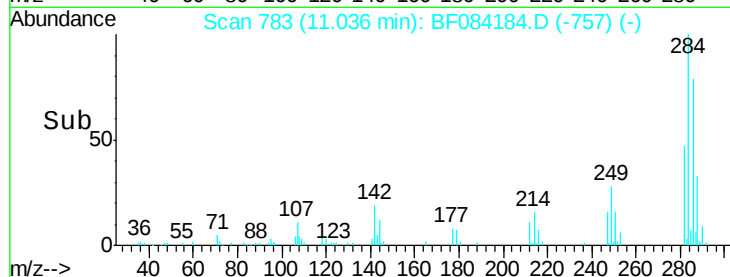
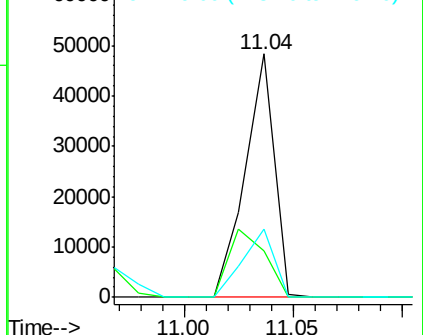
249 28.1 24.6 37.0



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: 2.50 ng

RT: 11.12 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

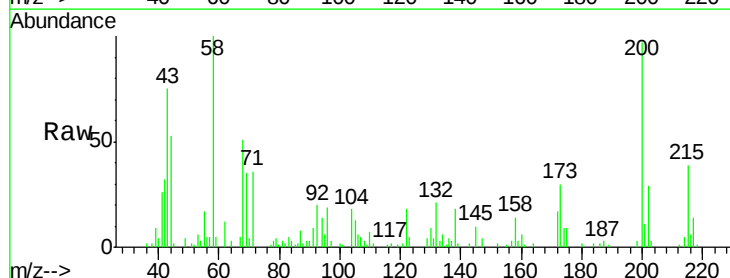
Tgt Ion:200 Resp: 35112

Ion Ratio Lower Upper

200 100

173 31.5 9.5 49.5

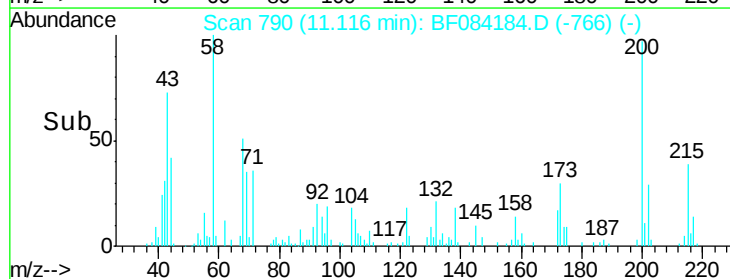
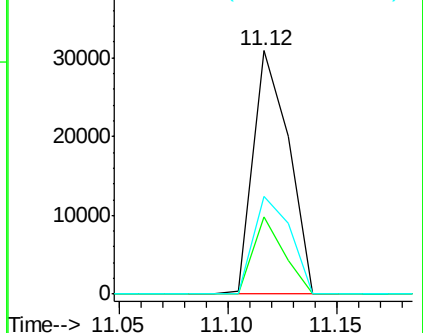
215 40.3 23.8 63.8

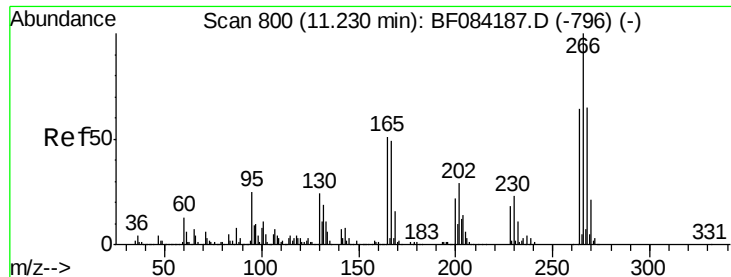


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

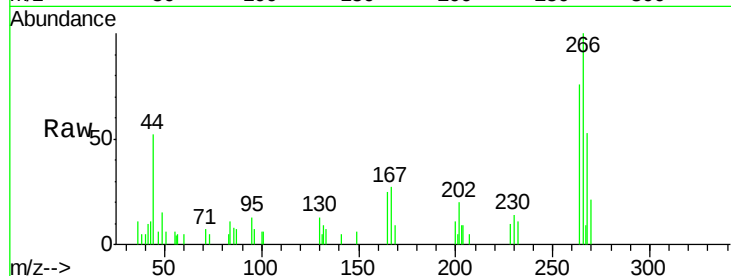




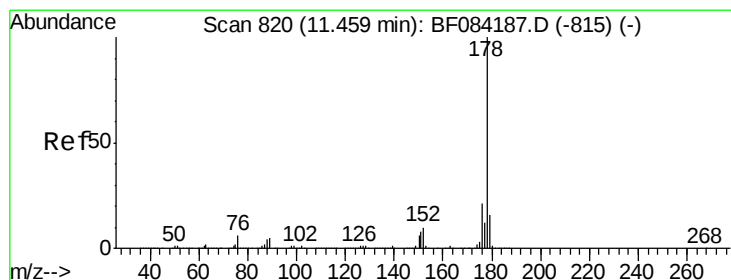
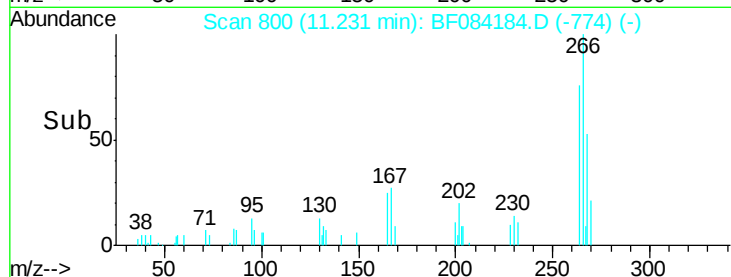
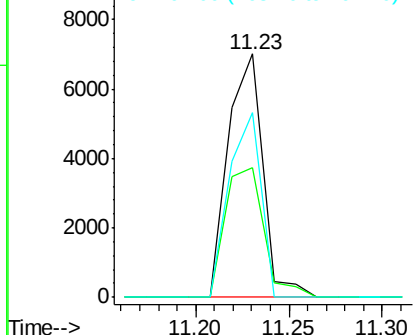
#69
 Pentachlorophenol
 Concen: 1.34 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion:266 Resp: 9144
 Ion Ratio Lower Upper
 266 100
 268 53.2 52.4 78.6
 264 76.0 50.2 75.2#

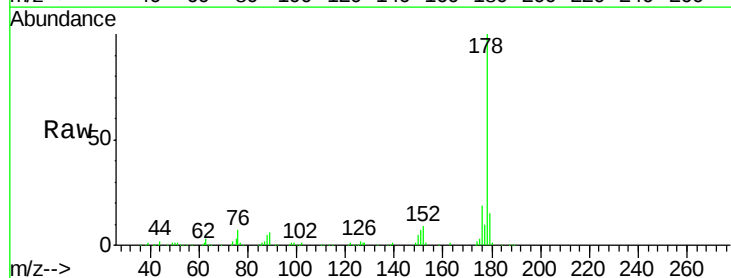


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

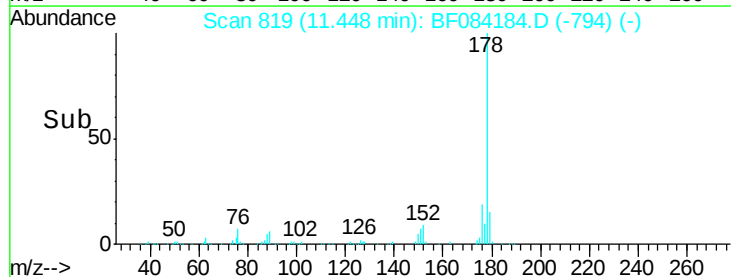
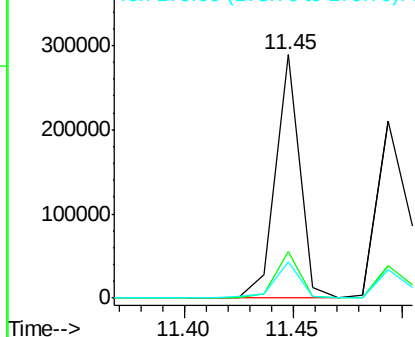


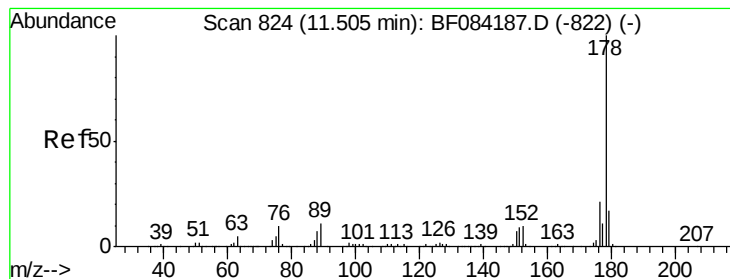
#70
 Phenanthrene
 Concen: 2.97 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

Tgt Ion:178 Resp: 226877
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.3 22.9
 179 14.7 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: 2.84 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

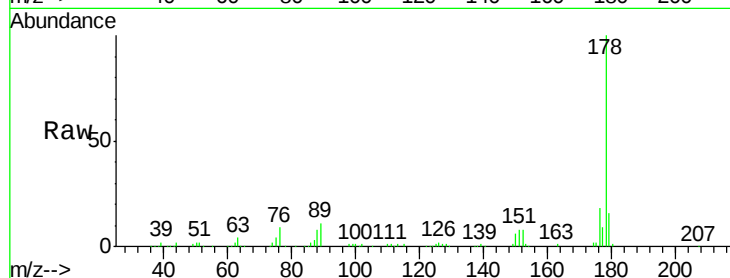
Tot Ion:178 Resp: 207538

Ion Ratio Lower Upper

178 100

176 18.1 15.4 23.0

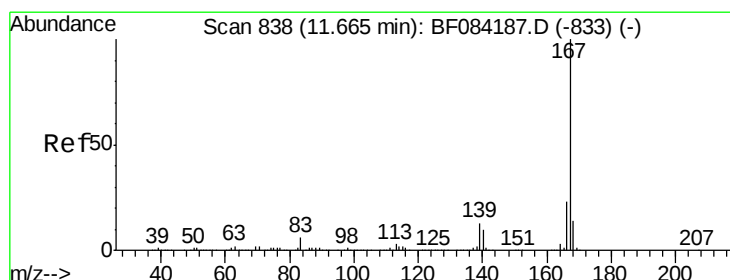
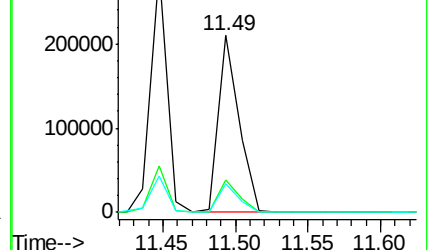
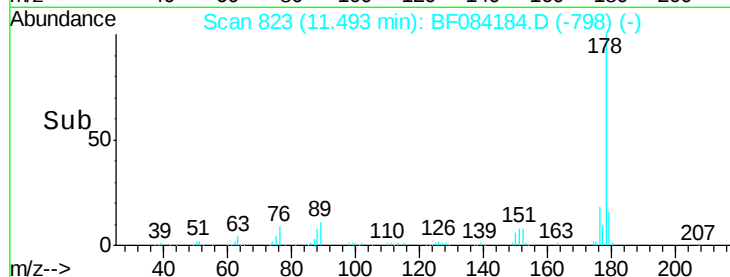
179 16.1 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 2.74 ng

RT: 11.65 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

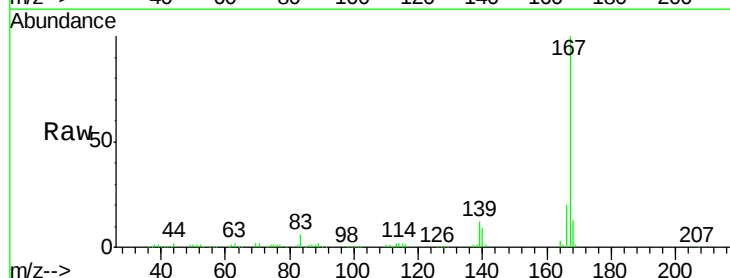
Tgt Ion:167 Resp: 185343

Ion Ratio Lower Upper

167 100

166 20.0 17.6 26.4

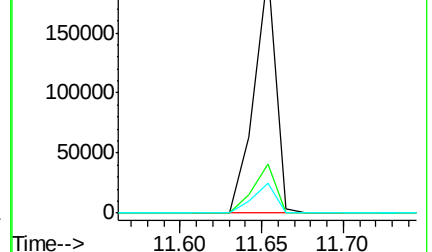
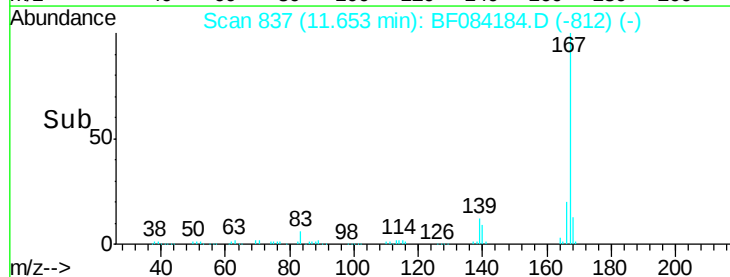
139 12.2 11.8 17.8

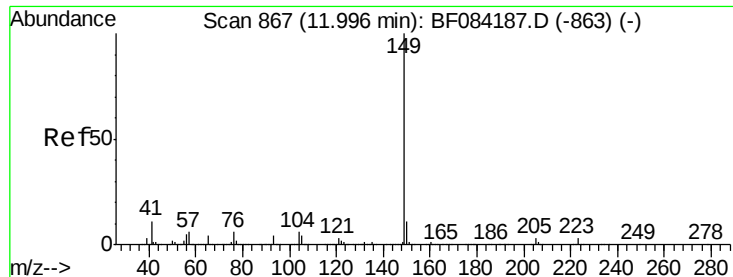


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 2.67 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

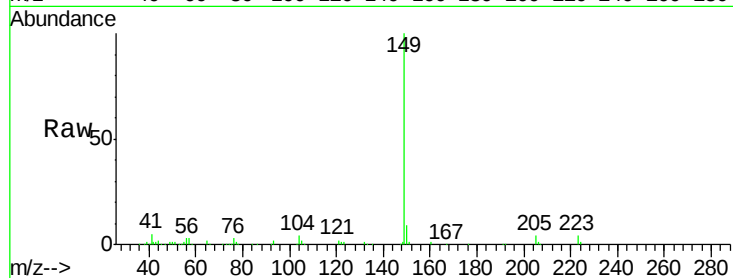
Tot Ion:149 Resp: 215895

Ion Ratio Lower Upper

149 100

150 8.6 7.1 10.7

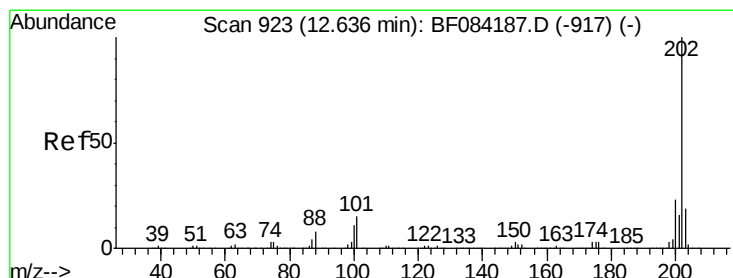
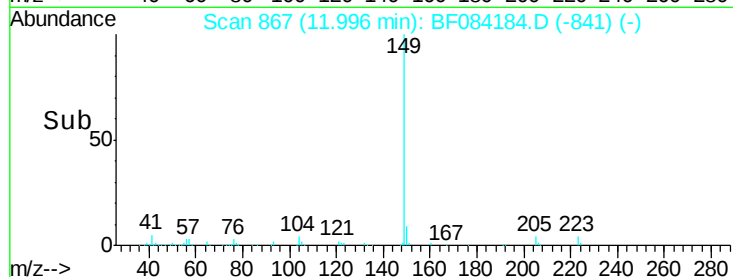
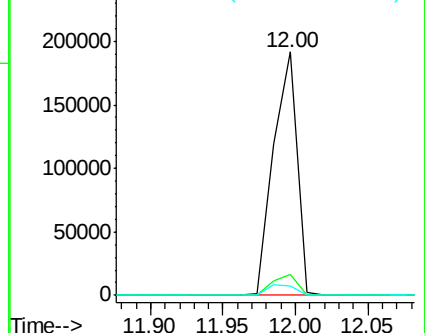
104 3.6 3.2 4.8



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: 2.81 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

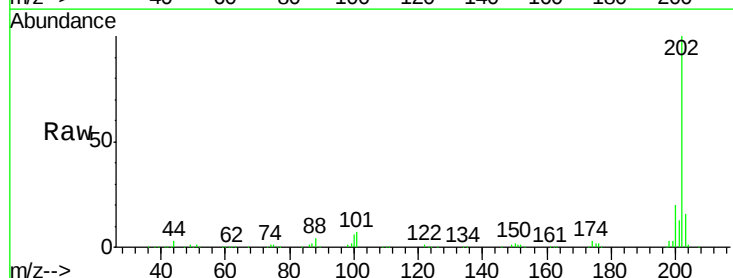
Tgt Ion:202 Resp: 206340

Ion Ratio Lower Upper

202 100

101 6.8 0.0 32.8

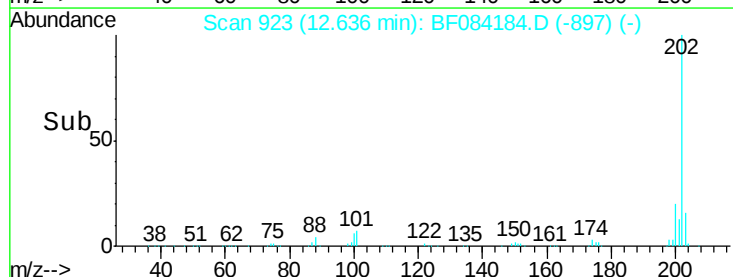
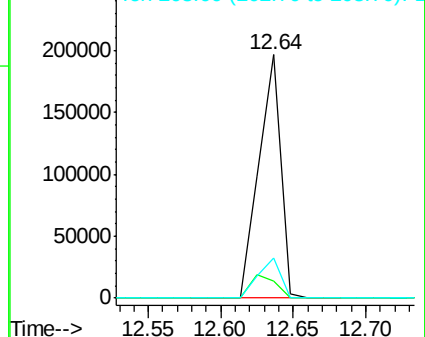
203 16.5 0.0 37.9

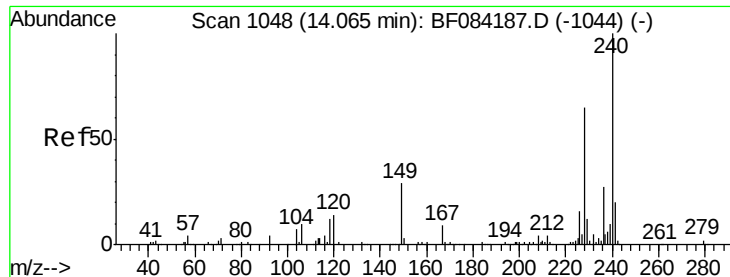


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

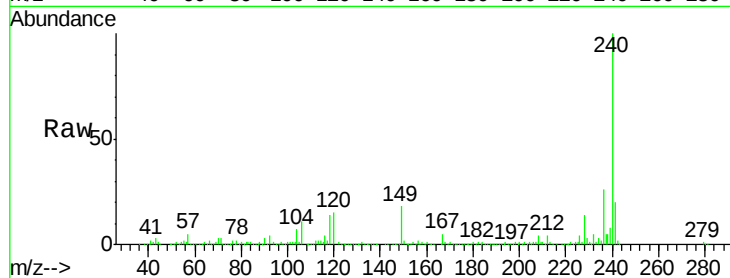
Tot Ion:240 Resp: 967149

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

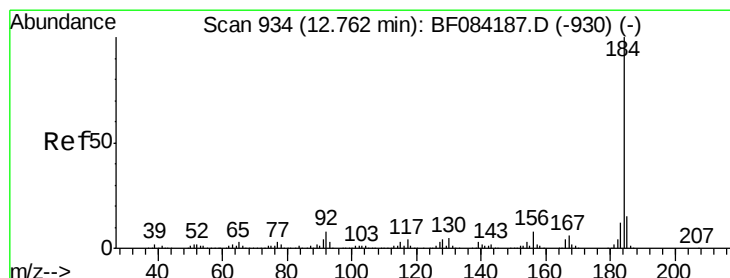
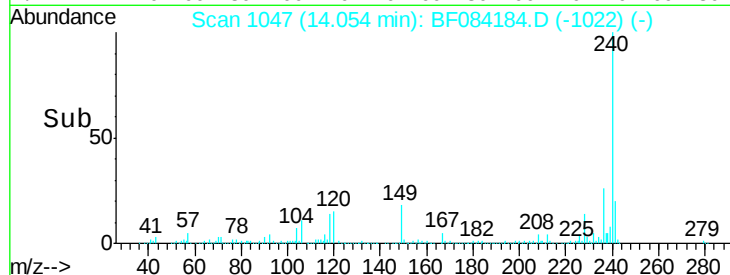
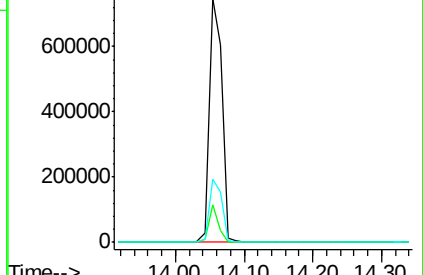
236 25.9 20.6 31.0



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: 2.58 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

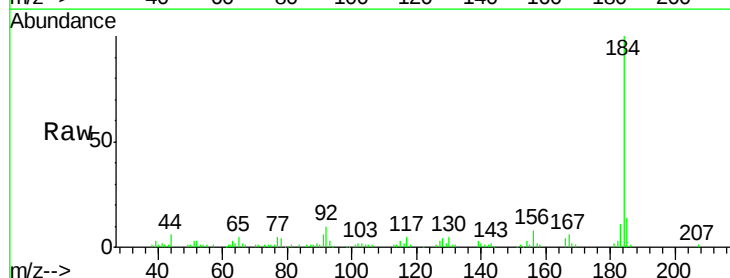
Tgt Ion:184 Resp: 96213

Ion Ratio Lower Upper

184 100

185 14.0 12.2 18.2

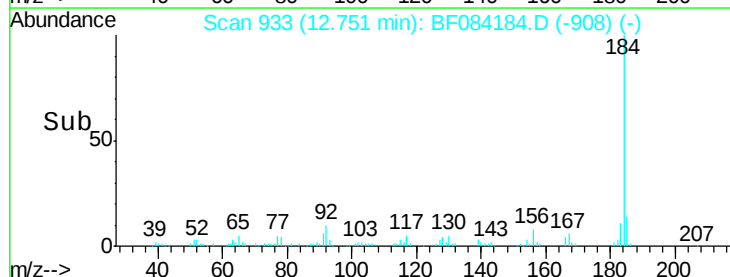
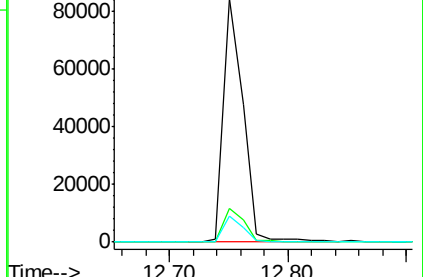
183 10.7 9.8 14.8

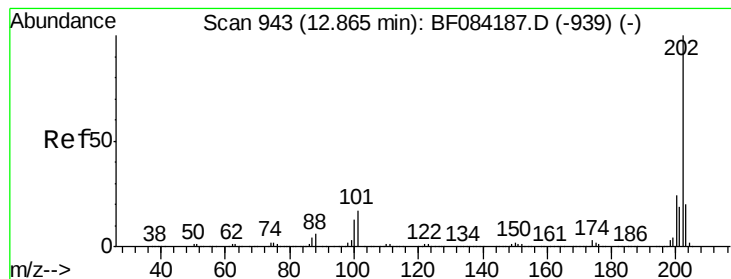


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 2.86 ng

RT: 12.86 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

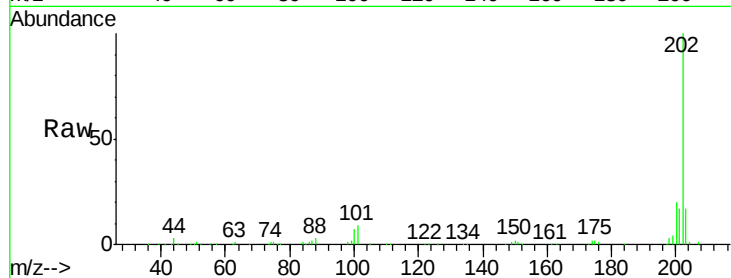
Tot Ion:202 Resp: 212880

Ion Ratio Lower Upper

202 100

200 20.5 17.2 25.8

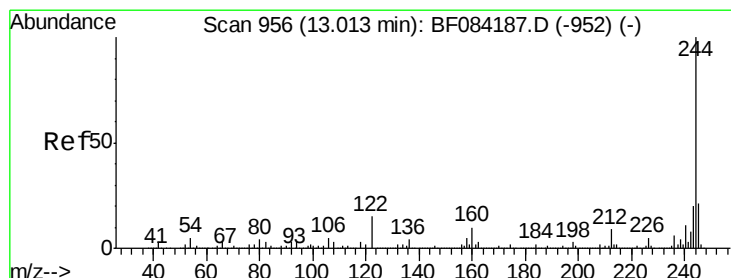
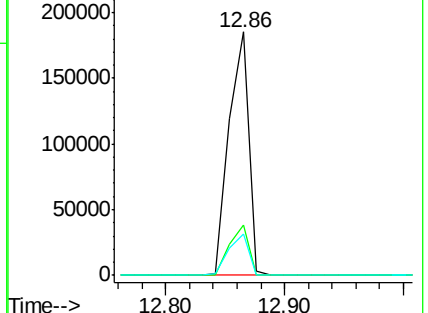
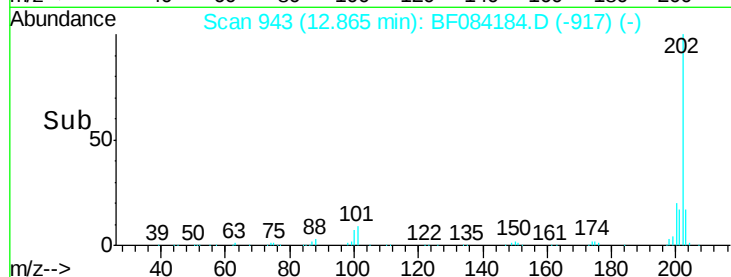
203 17.2 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 2.98 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

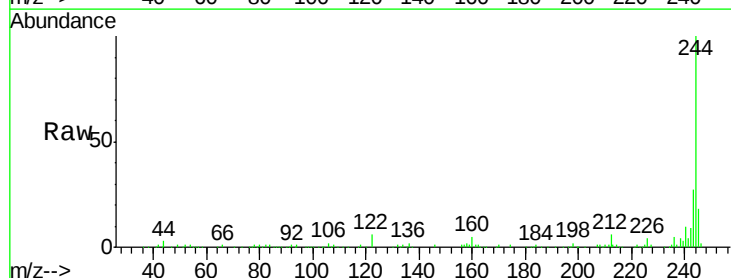
Tgt Ion:244 Resp: 261187

Ion Ratio Lower Upper

244 100

212 5.6 5.7 8.5#

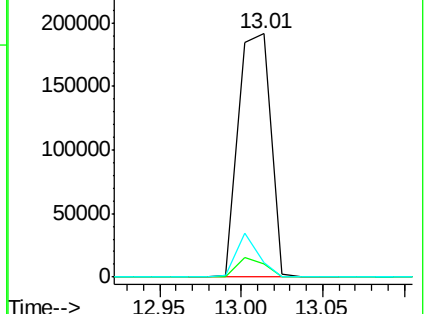
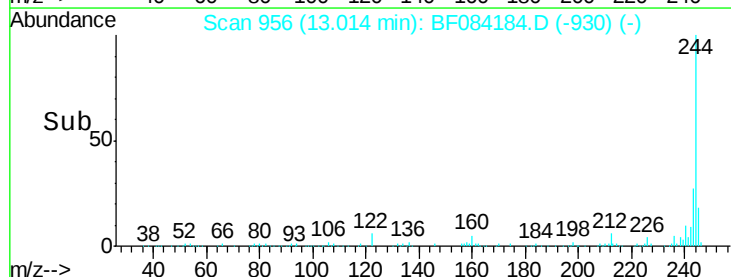
122 6.1 7.4 11.0#

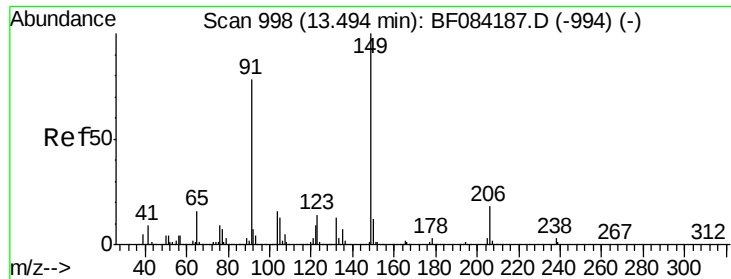


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 2.44 ng

RT: 13.49 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

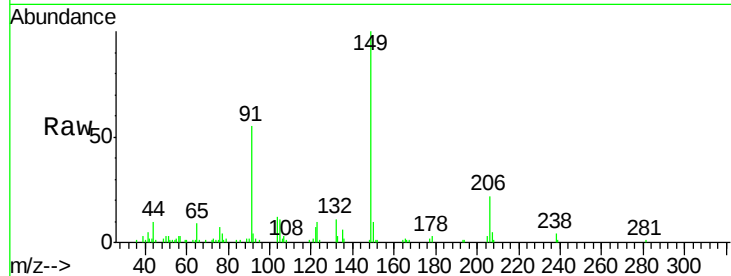
Tot Ion:149 Resp: 79139

Ion Ratio Lower Upper

149 100

91 55.2 57.6 86.4#

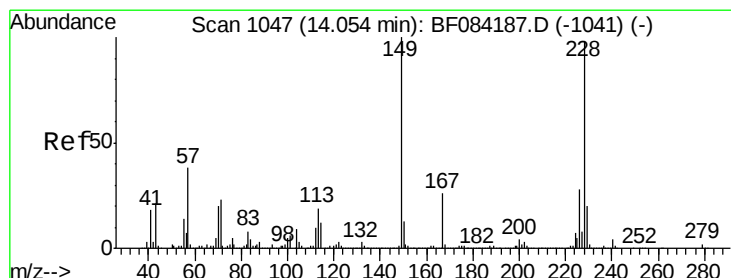
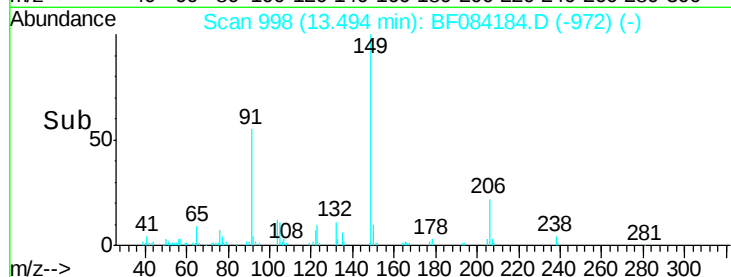
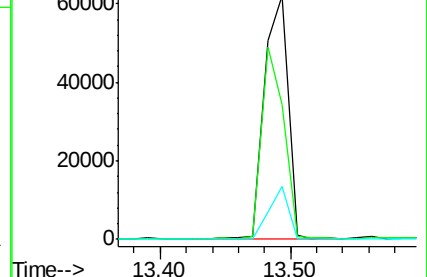
206 21.9 13.2 19.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 2.87 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF084184.D

Acq: 31 Dec 2015 9:19

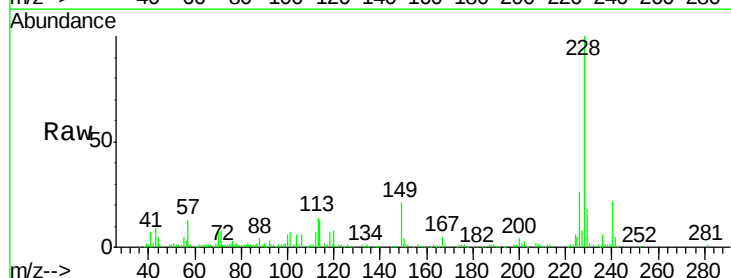
Tgt Ion:228 Resp: 168989

Ion Ratio Lower Upper

228 100

226 26.0 21.8 32.6

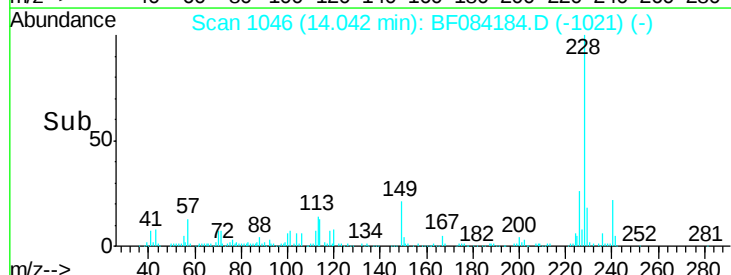
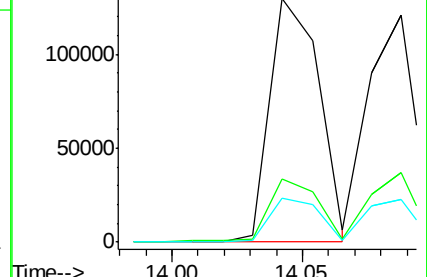
229 17.8 15.8 23.8

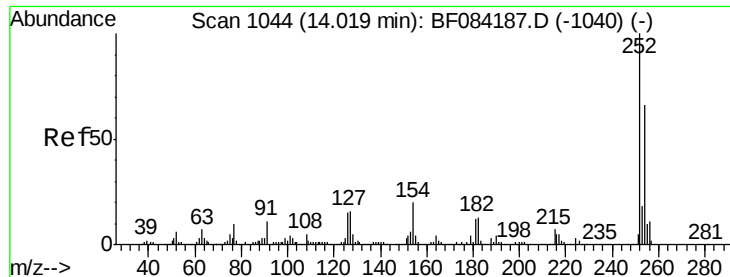


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

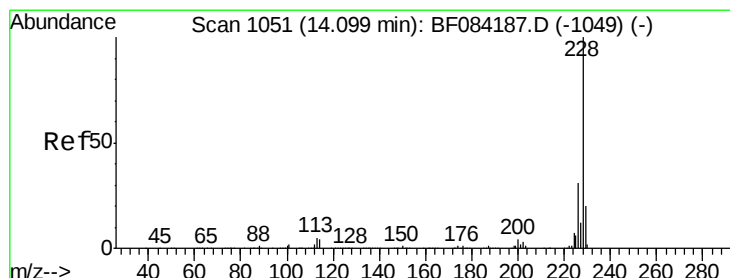
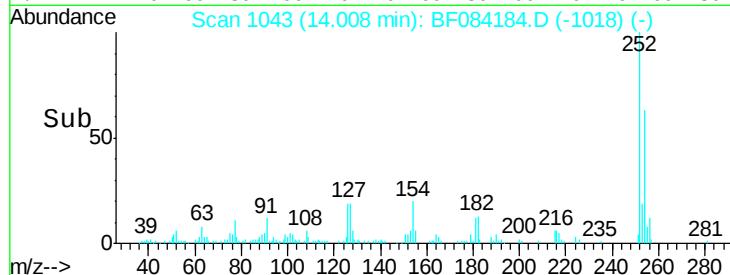
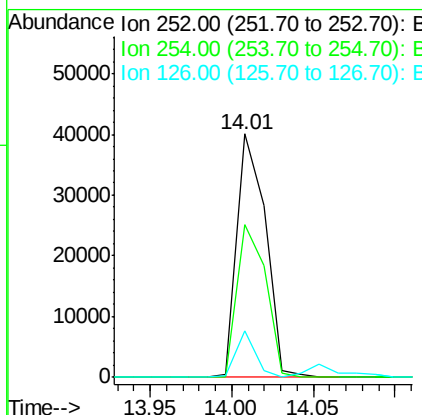
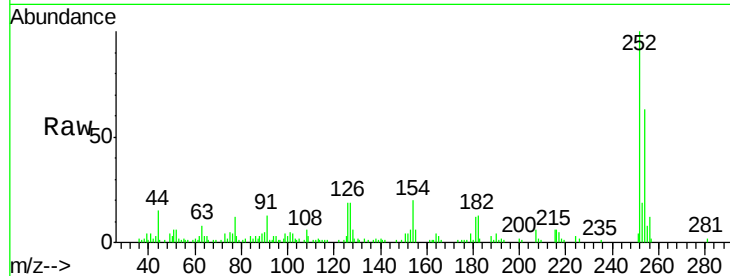




#81
 3,3'-Dichlorobenzidine
 Concen: 2.46 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

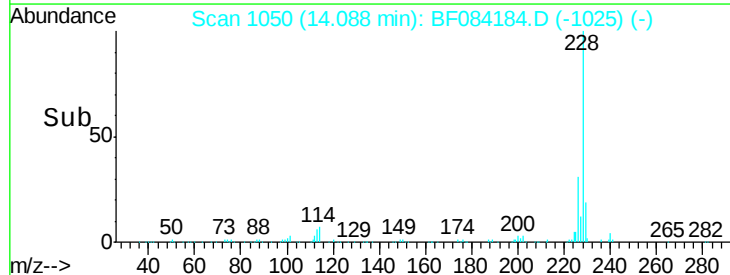
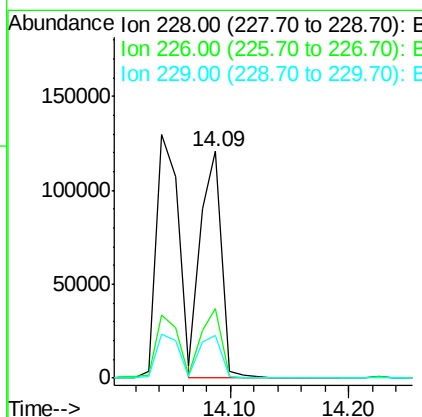
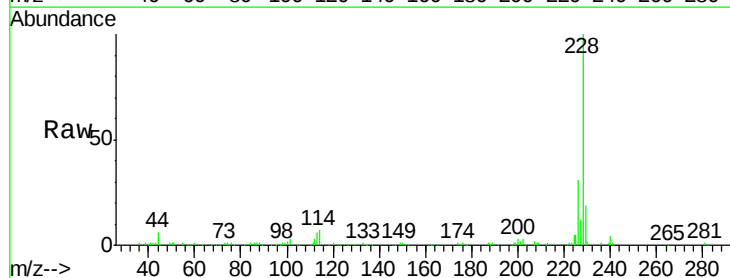
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

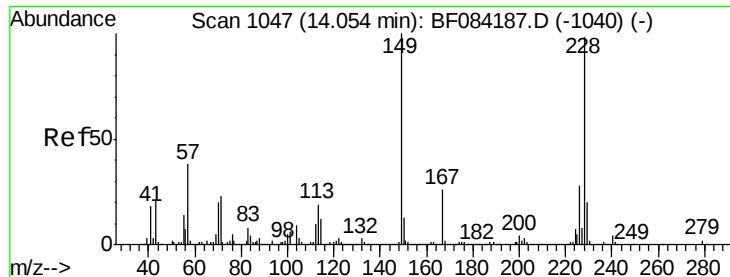
Tot Ion:252 Resp: 48294
 Ion Ratio Lower Upper
 252 100
 254 62.6 53.5 80.3
 126 19.0 4.9 7.3#



#82
 Chrysene
 Concen: 2.79 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

Tgt Ion:228 Resp: 149467
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.3 36.5
 229 18.6 16.1 24.1

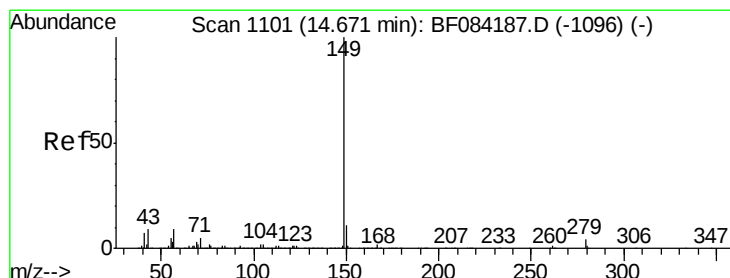
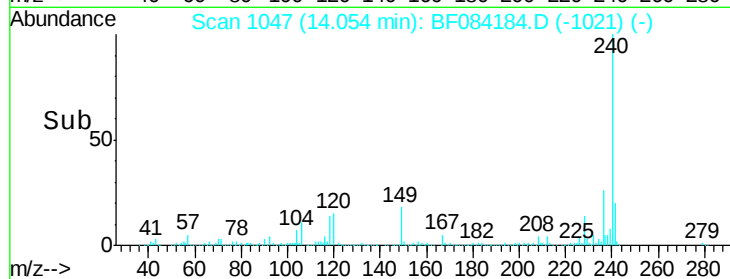
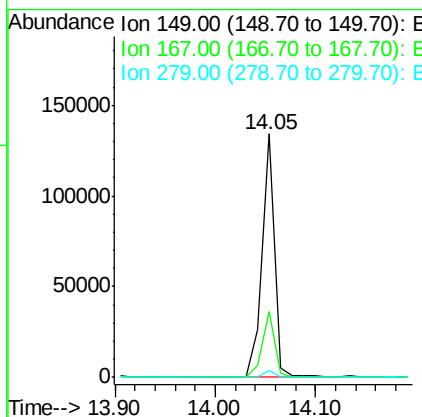
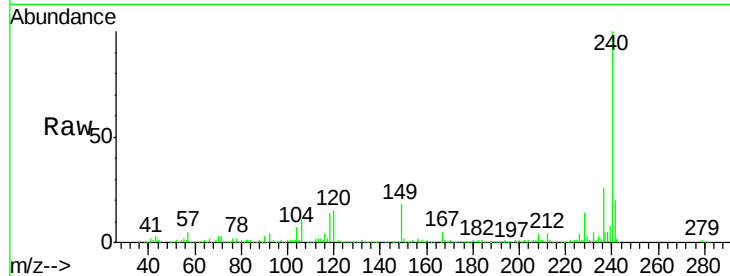




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.75 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

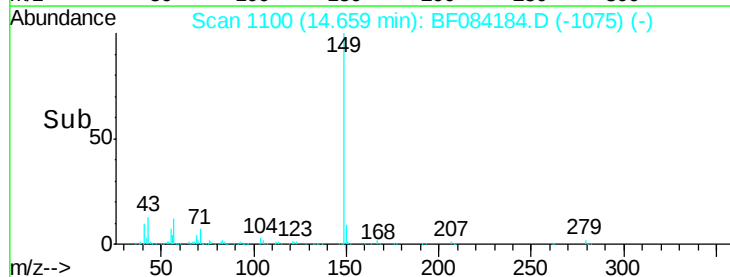
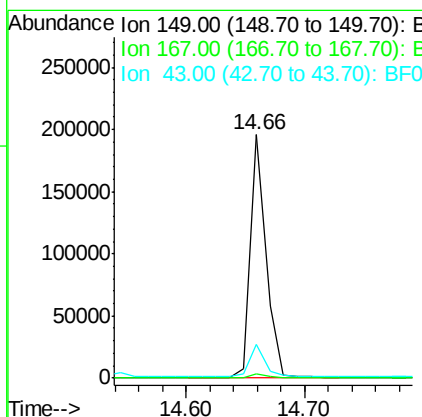
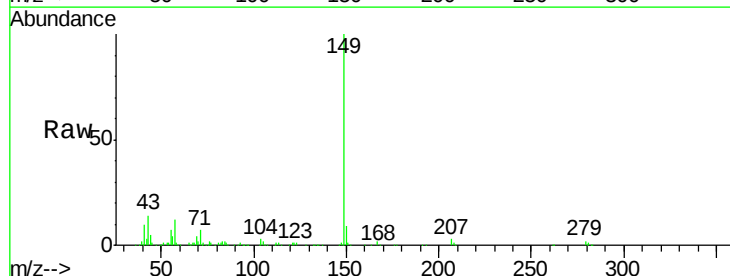
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

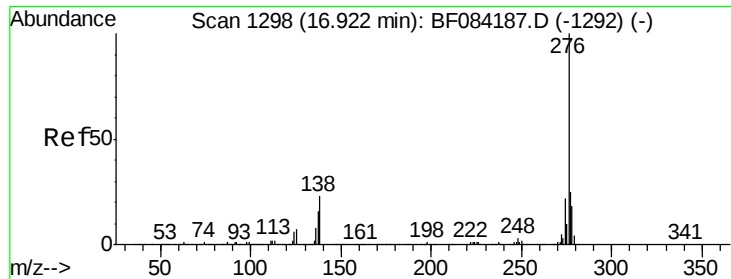
Tot Ion:149 Resp: 117712
 Ion Ratio Lower Upper
 149 100
 167 27.1 19.7 29.5
 279 3.0 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 2.59 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

Tgt Ion:149 Resp: 182583
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 13.6 5.6 8.4#

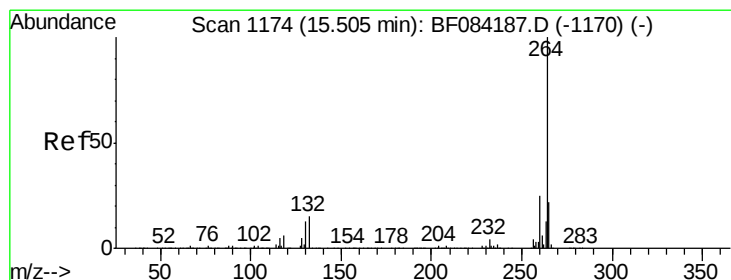
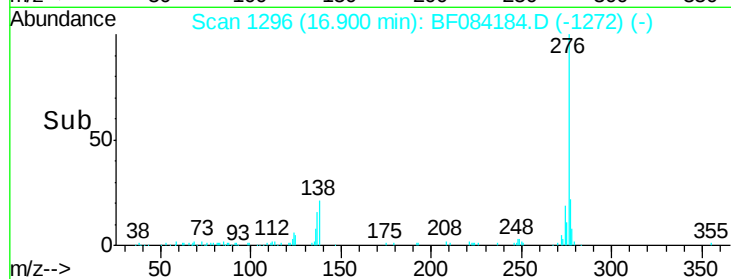
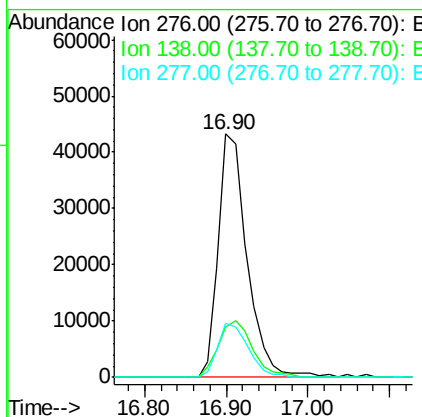
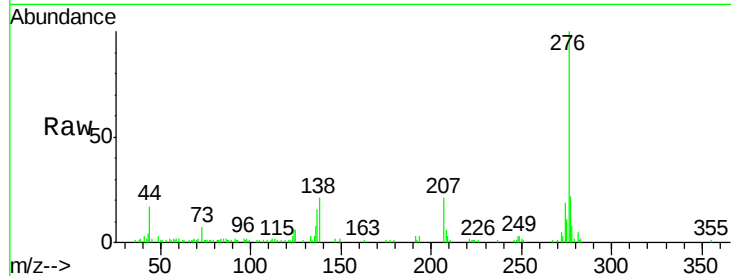




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.57 ng
 RT: 16.90 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

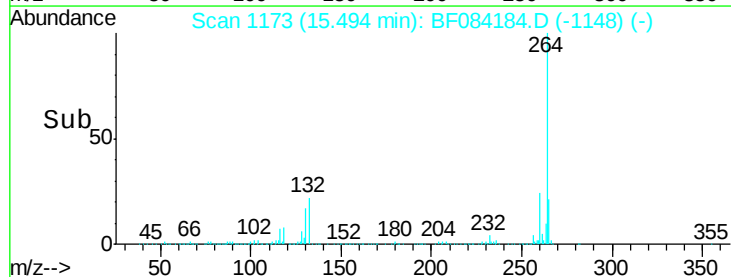
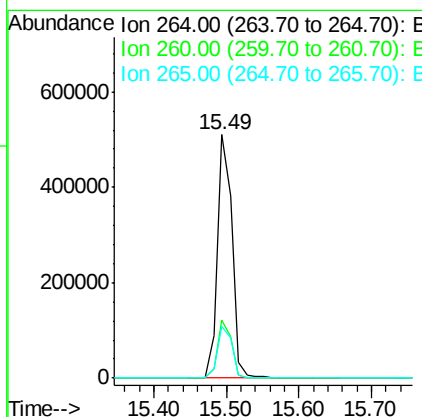
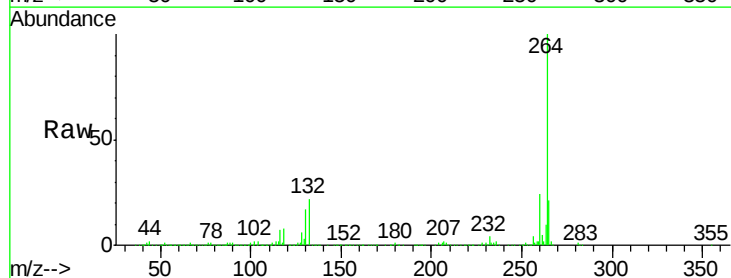
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

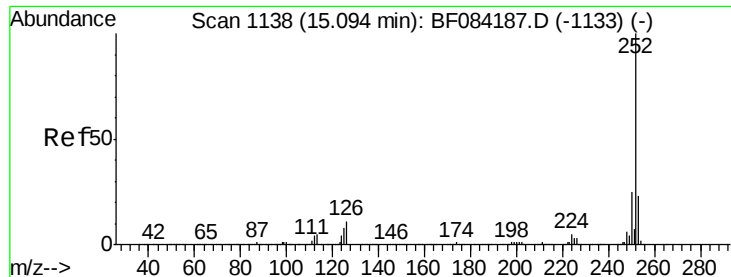
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.9	20.6	30.8
277	23.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.4	17.8	26.6

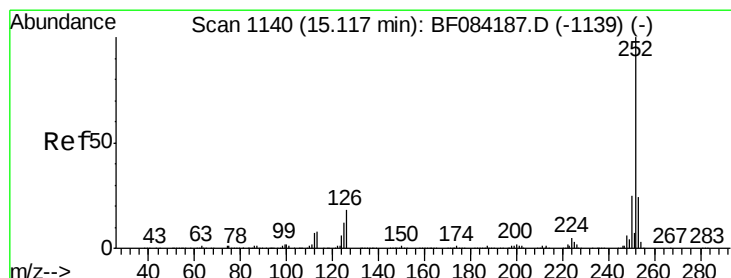
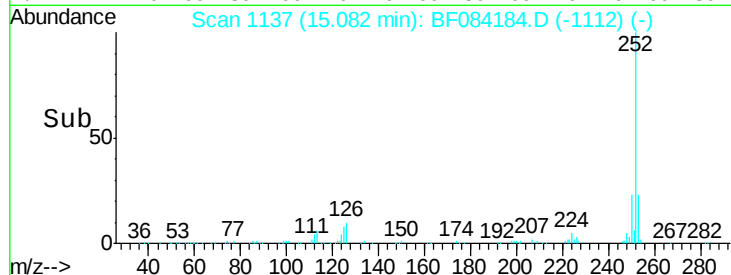
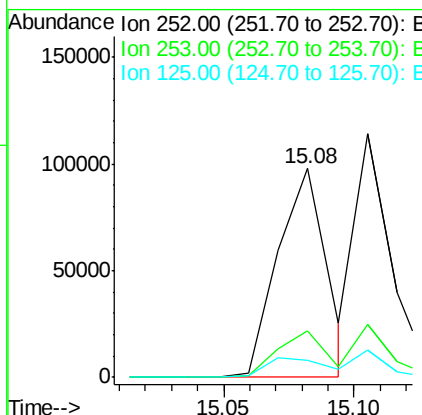
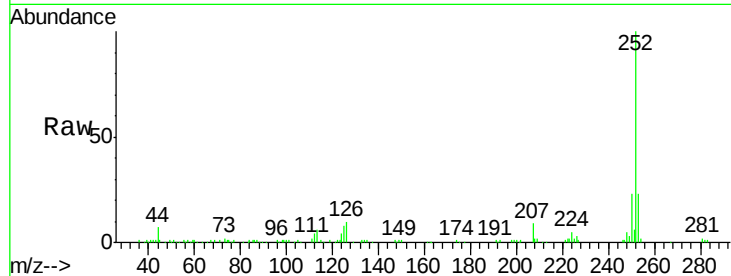




#87
Benzo(b)fluoranthene
Concen: 2.55 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF084184.D
Acq: 31 Dec 2015 9:19

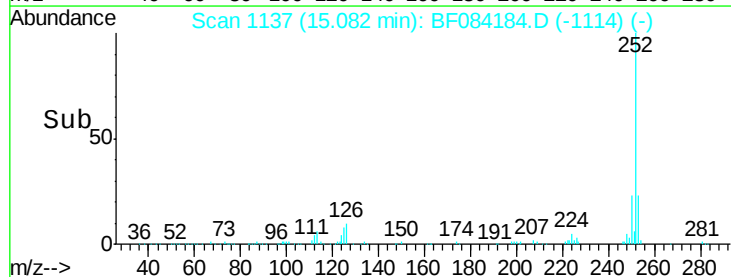
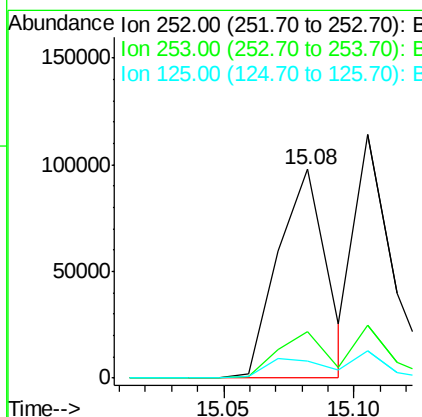
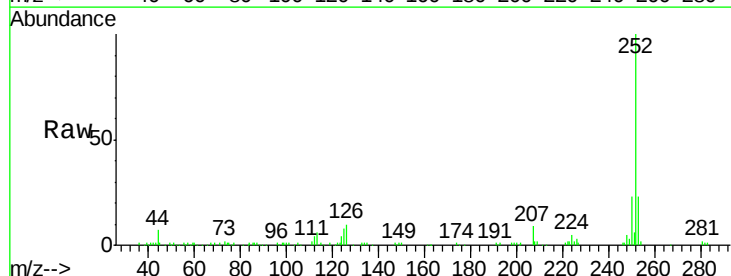
Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

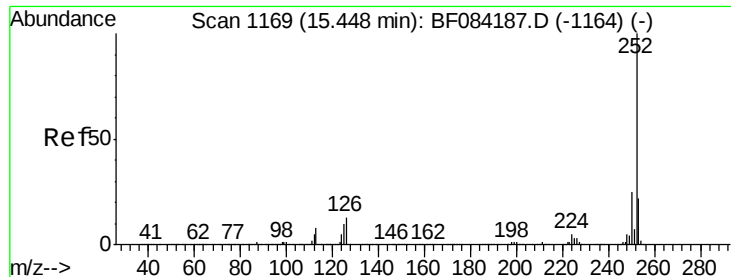
Tot Ion:252 Resp: 126470
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 8.4 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 3.02 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.03 min
Lab File: BF084184.D
Acq: 31 Dec 2015 9:19

Tgt Ion:252 Resp: 126470
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 8.4 9.0 13.6#

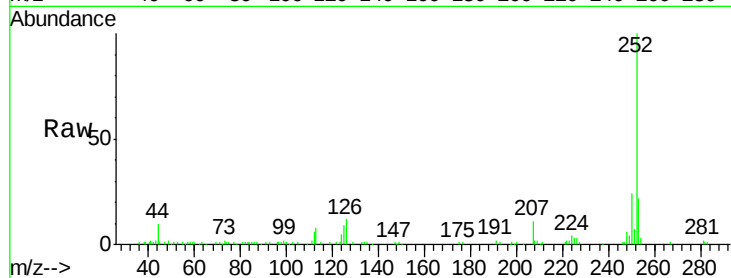




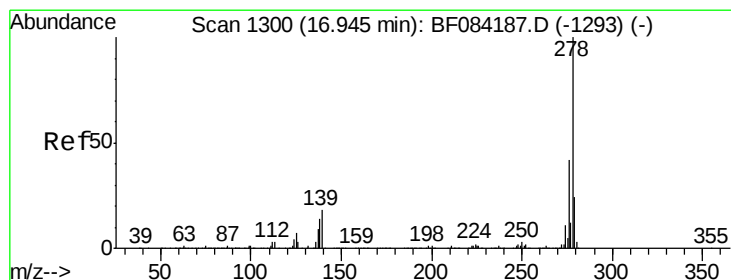
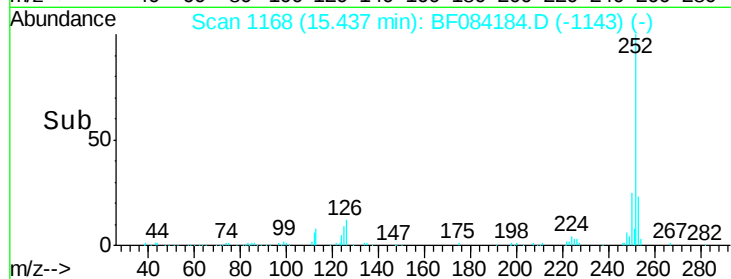
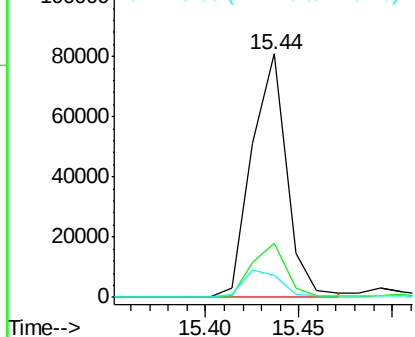
#89
Benzo(a)pyrene
Concen: 2.57 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF084184.D
Acq: 31 Dec 2015 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	8.9	7.0	10.4

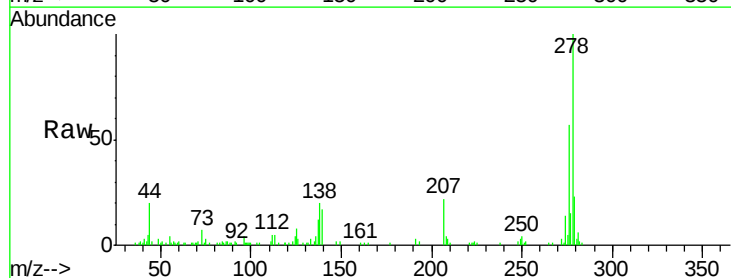


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

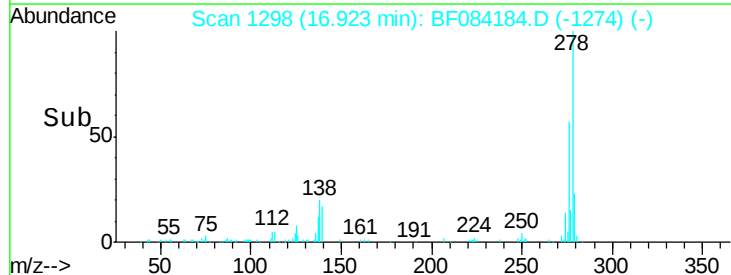
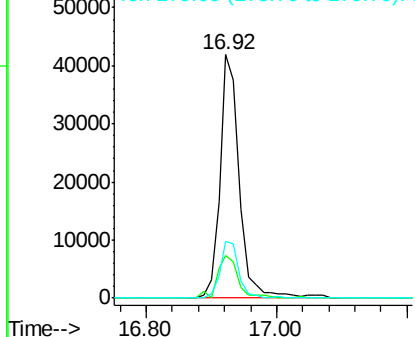


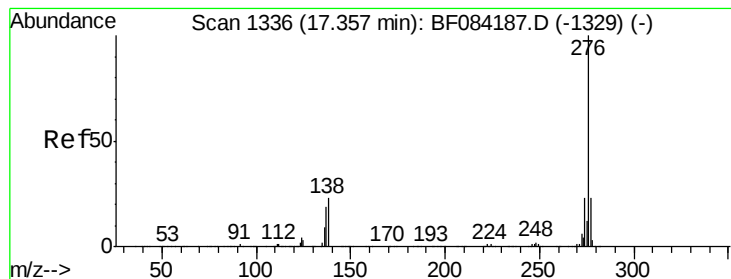
#90
Dibenzo(a,h)anthracene
Concen: 2.60 ng
RT: 16.92 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF084184.D
Acq: 31 Dec 2015 9:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	15.0	22.4
279	23.4	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(a,h,i)perylene
 Concen: 2.64 ng
 RT: 17.33 min Scan# 1334
 Delta R.T. -0.02 min
 Lab File: BF084184.D
 Acq: 31 Dec 2015 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	19.3	17.8	26.6

