

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
 Data File : BF084040.D
 Acq On : 23 Dec 2015 18:16
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 24 00:32:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	51421	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	210410	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	97804	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	183604	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	133050	20.00	ng	-0.01
86) Perylene-d12	15.41	264	89860	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	242334	80.35	ng	-0.01
7) Phenol-d6	6.46	99	299214	84.38	ng	-0.01
23) Nitrobenzene-d5	7.39	82	278787	81.40	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	79619	84.63	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	539803	74.28	ng	-0.01
78) Terphenyl-d14	12.92	244	505429	90.59	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	47234	32.90	ng	99
3) Pyridine	3.09	79	137187	41.97	ng	98
4) n-Nitrosodimethylamine	3.05	42	52124	42.91	ng	99
6) Aniline	6.49	93	194822	39.70	ng	# 76
8) 2-Chlorophenol	6.61	128	145385	41.86	ng	91
9) Benzaldehyde	6.36	77	96761	40.86	ng	95
10) Phenol	6.49	94	169032	41.21	ng	83
11) bis(2-Chloroethyl)ether	6.56	93	120418	38.42	ng	95
12) 1,3-Dichlorobenzene	6.76	146	160737	41.66	ng	98
13) 1,4-Dichlorobenzene	6.76	146	160737	42.66	ng	95
14) 1,2-Dichlorobenzene	6.99	146	148488	41.23	ng	98
15) Benzyl Alcohol	6.97	79	114246	40.92	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.10	45	118817	39.26	ng	91
17) 2-Methylphenol	7.09	107	116237	42.02	ng	94
18) Hexachloroethane	7.33	117	58637	42.44	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	89842	41.81	ng	# 89
20) 3+4-Methylphenols	7.24	107	139010	40.72	ng	# 81
22) Acetophenone	7.23	105	197361	39.98	ng	93
24) Nitrobenzene	7.41	77	132272	37.47	ng	# 79
25) Isophorone	7.65	82	260256	40.10	ng	96
26) 2-Nitrophenol	7.72	139	72220	38.02	ng	# 83
27) 2,4-Dimethylphenol	7.77	122	116717	35.25	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	160132	39.83	ng	99
29) 2,4-Dichlorophenol	7.97	162	120057	40.58	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	127421	41.29	ng	97
31) Naphthalene	8.13	128	423283	39.38	ng	98
32) Benzoic acid	7.89	122	39626	28.37	ng	92
33) 4-Chloroaniline	8.18	127	167914	38.20	ng	97
34) Hexachlorobutadiene	8.25	225	67607	36.66	ng	99
35) Caprolactam	8.57	113	36568	41.14	ng	# 64
36) 4-Chloro-3-methylphenol	8.67	107	128186	40.51	ng	90
37) 2-Methylnaphthalene	8.82	142	280678	40.32	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	128619	43.75	ng	99
40) Hexachlorocyclopentadiene	8.98	237	27109	36.24	ng	96

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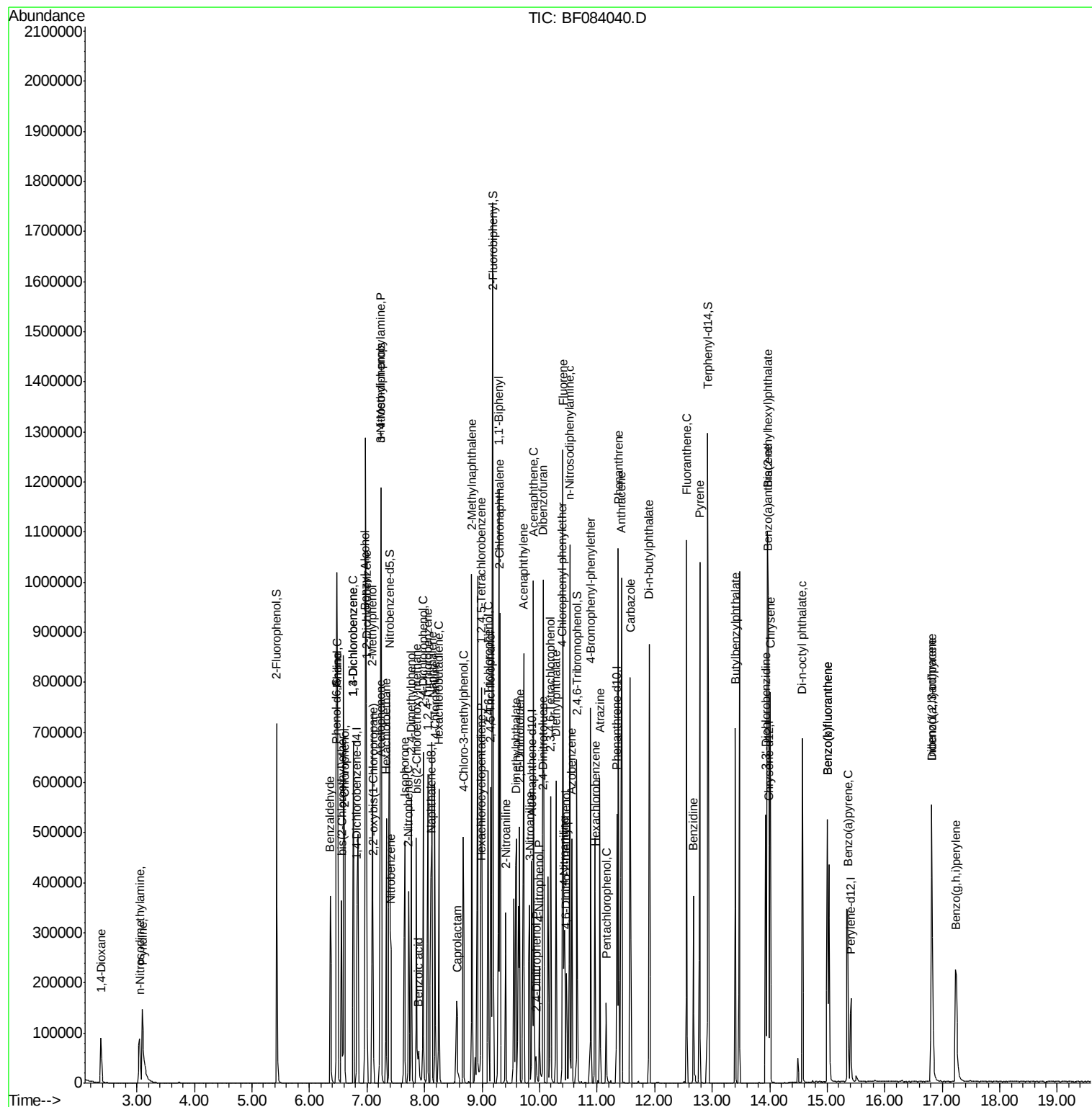
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42) 2,4,6-Trichlorophenol	9.10	196	79069	44.66	ng	99
43) 2,4,5-Trichlorophenol	9.15	196	84067	45.62	ng	# 89
45) 1,1'-Biphenyl	9.29	154	373792	43.23	ng	98
46) 2-Chloronaphthalene	9.31	162	265852	42.71	ng	96
47) 2-Nitroaniline	9.41	65	71905	42.38	ng	# 49
48) Acenaphthylene	9.72	152	396565	40.23	ng	99
49) Dimethylphthalate	9.60	163	325993	42.60	ng	# 91
50) 2,6-Dinitrotoluene	9.65	165	74104	45.88	ng	# 88
51) Acenaphthene	9.89	154	233031	39.76	ng	100
52) 3-Nitroaniline	9.82	138	79125	46.12	ng	# 71
53) 2,4-Dinitrophenol	9.94	184	11496	22.97	ng	96
54) Dibenzofuran	10.06	168	344621	39.28	ng	90
55) 4-Nitrophenol	10.00	139	38750	38.44	ng	# 81
56) 2,4-Dinitrotoluene	10.05	165	84219	41.48	ng	88
57) Fluorene	10.41	166	275708	39.67	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	64812	44.61	ng	96
59) Diethylphthalate	10.28	149	310748	41.31	ng	96
60) 4-Chlorophenyl-phenylether	10.40	204	125232	39.32	ng	# 78
61) 4-Nitroaniline	10.43	138	68038	38.77	ng	96
62) Azobenzene	10.56	77	286629	43.16	ng	89
64) 4,6-Dinitro-2-methylphenol	10.46	198	31660	29.50	ng	# 47
65) n-Nitrosodiphenylamine	10.52	169	262758	38.75	ng	100
66) 4-Bromophenyl-phenylether	10.89	248	79904	37.95	ng	# 71
67) Hexachlorobenzene	10.97	284	91126	39.65	ng	# 86
68) Atrazine	11.05	200	72105	35.17	ng	100
69) Pentachlorophenol	11.16	266	25935	35.09	ng	99
70) Phenanthrene	11.37	178	389357	37.52	ng	99
71) Anthracene	11.42	178	434962	41.27	ng	99
72) Carbazole	11.57	167	350168	35.54	ng	100
73) Di-n-butylphthalate	11.90	149	468879	38.32	ng	# 97
74) Fluoranthene	12.56	202	403501	39.21	ng	98
76) Benzidine	12.67	184	153131	32.27	ng	99
77) Pyrene	12.78	202	412559	45.70	ng	100
79) Butylbenzylphthalate	13.40	149	202139	48.69	ng	# 84
80) Benzo(a)anthracene	13.97	228	317860	41.43	ng	100
81) 3,3'-Dichlorobenzidine	13.93	252	100393	34.80	ng	# 95
82) Chrysene	14.01	228	262698	36.88	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	252850	43.92	ng	# 99
84) Di-n-octyl phthalate	14.57	149	354414	40.03	ng	98
85) Indeno(1,2,3-cd)pyrene	16.82	276	257163	43.65	ng	99
87) Benzo(b)fluoranthene	15.00	252	466281	82.31	ng	99
88) Benzo(k)fluoranthene	15.00	252	466281	86.55	ng	97
89) Benzo(a)pyrene	15.36	252	218283	41.60	ng	99
90) Dibenzo(a,h)anthracene	16.82	278	212581	48.89	ng	97
91) Benzo(g,h,i)perylene	17.24	276	213263	48.49	ng	97

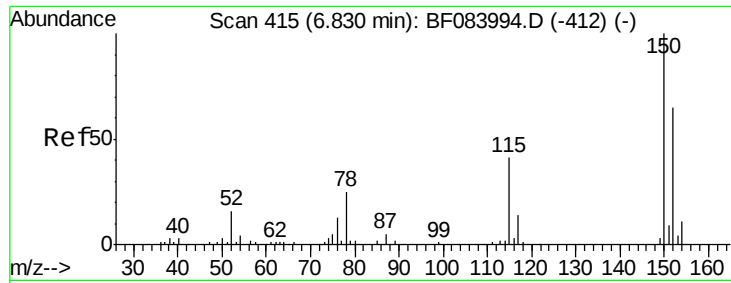
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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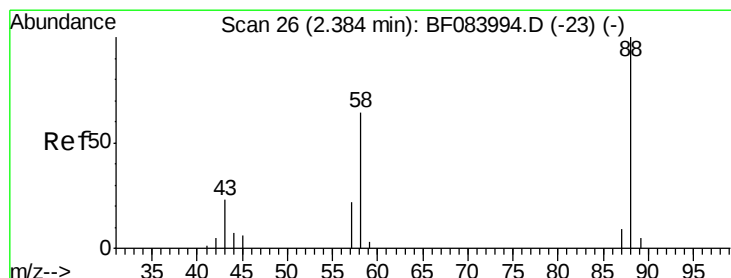
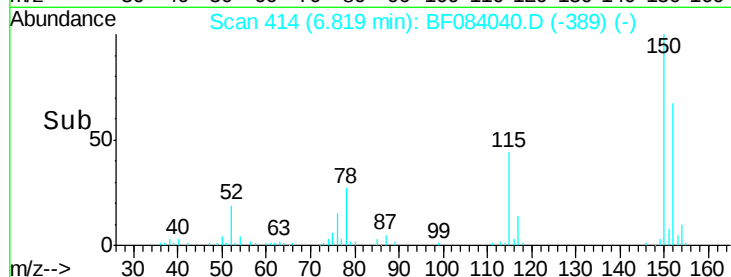
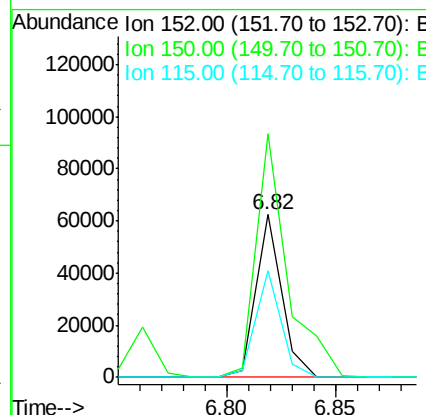
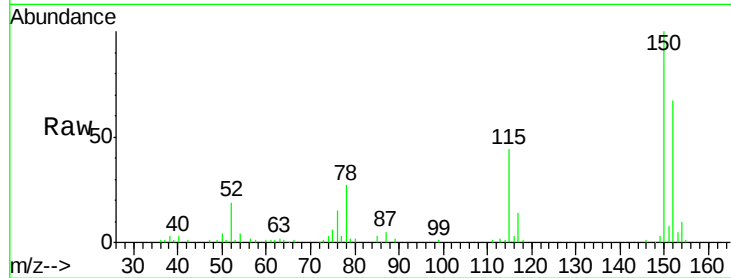




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BF084040.D
 Acq: 23 Dec 2015 18:16

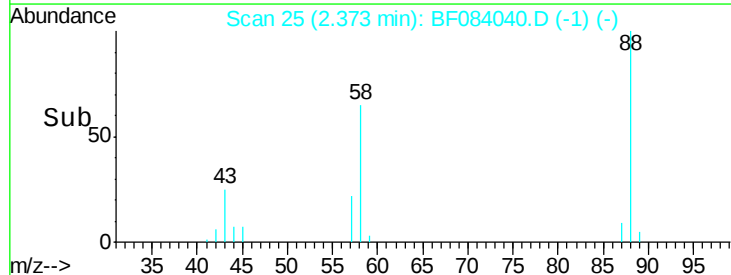
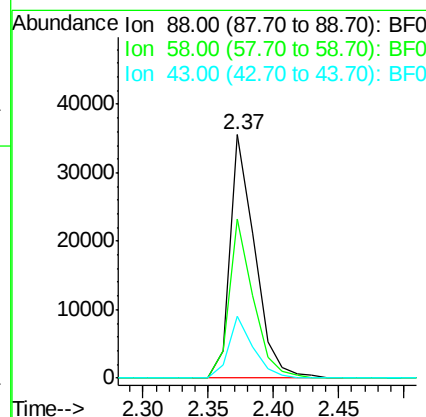
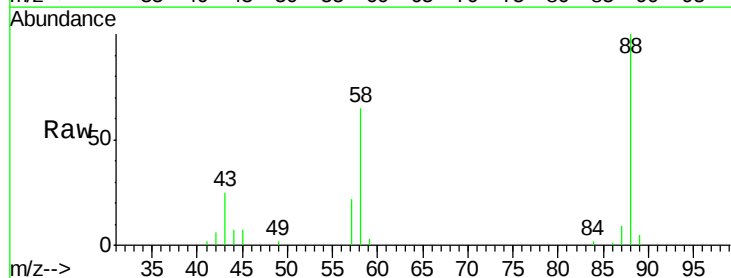
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

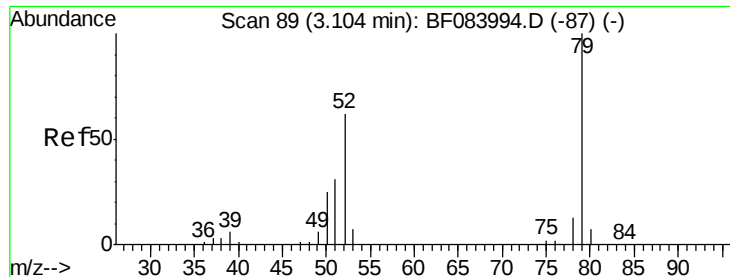
Tgt Ion:152 Resp: 51421
 Ion Ratio Lower Upper
 152 100
 150 149.9 123.0 184.4
 115 65.5 51.4 77.2



#2
 1,4-Dioxane
 Concen: 32.90 ng
 RT: 2.37 min Scan# 25
 Delta R.T. -0.01 min
 Lab File: BF084040.D
 Acq: 23 Dec 2015 18:16

Tgt Ion: 88 Resp: 47234
 Ion Ratio Lower Upper
 88 100
 58 63.5 51.2 76.8
 43 24.9 19.5 29.3





#3

Pyridine

Concen: 41.97 ng

RT: 3.09 min Scan# 88

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

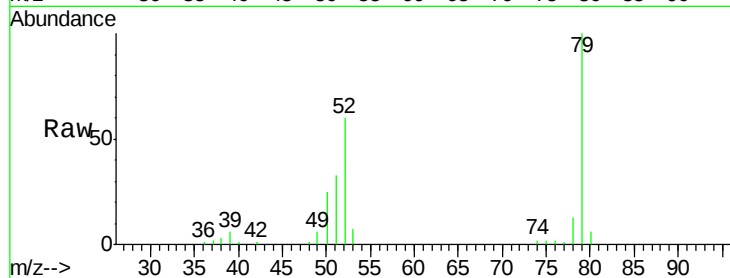
Tgt Ion: 79 Resp: 137187

Ion Ratio Lower Upper

79 100

52 60.2 49.0 73.4

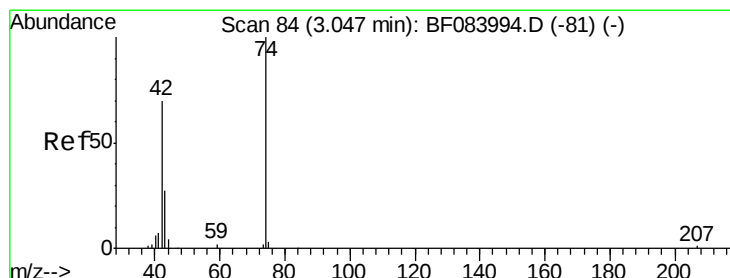
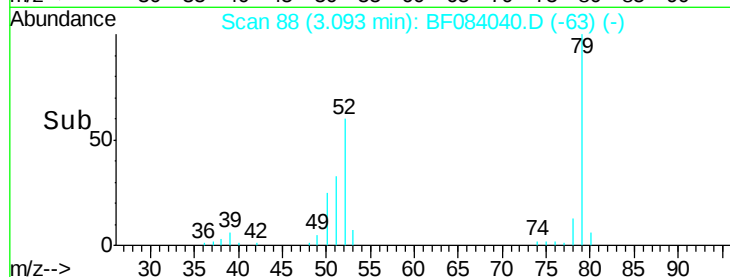
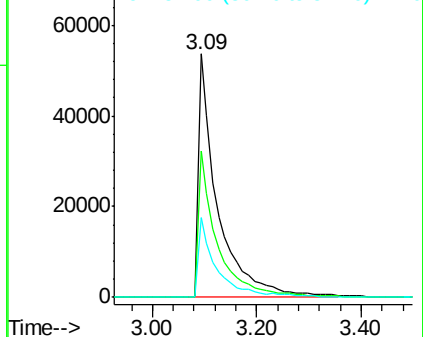
51 32.6 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 42.91 ng

RT: 3.05 min Scan# 84

Delta R.T. -0.00 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

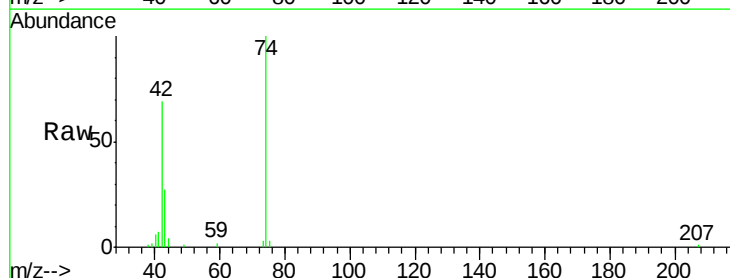
Tgt Ion: 42 Resp: 52124

Ion Ratio Lower Upper

42 100

74 145.8 115.7 173.5

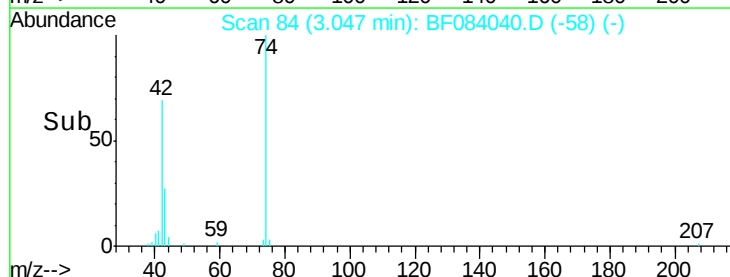
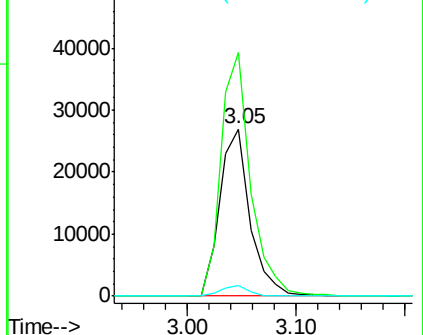
44 6.4 5.1 7.7

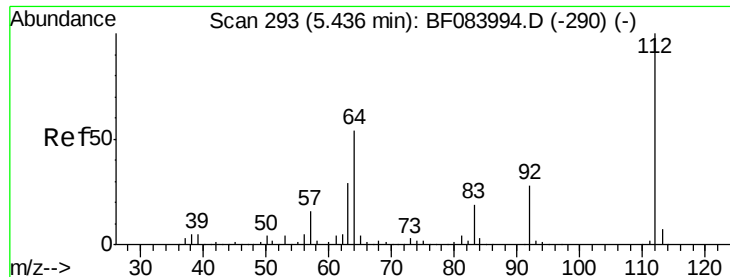


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 80.35 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.01 min

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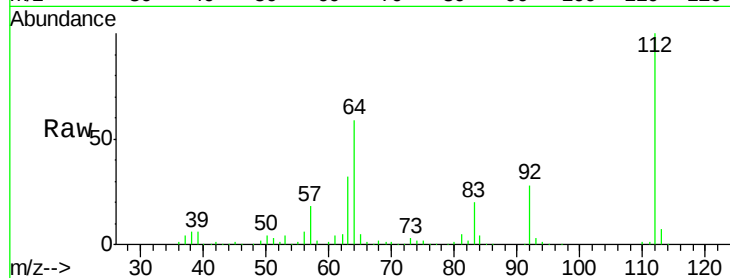
Tgt Ion: 112 Resp: 242334

Ion Ratio Lower Upper

112 100

64 58.9 36.6 55.0#

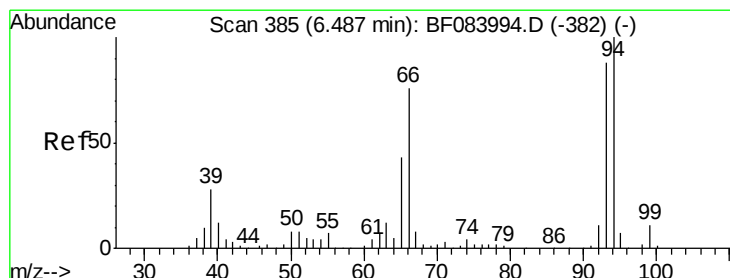
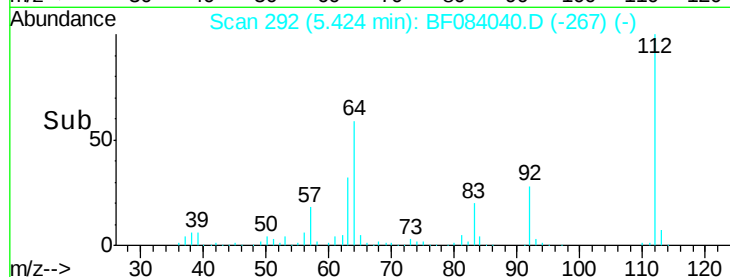
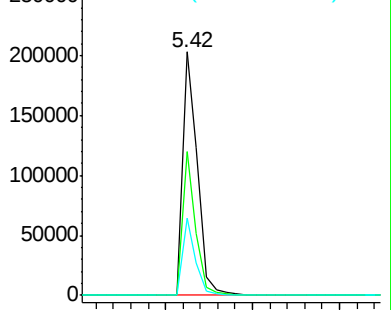
63 31.6 19.4 29.0#



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: 39.70 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

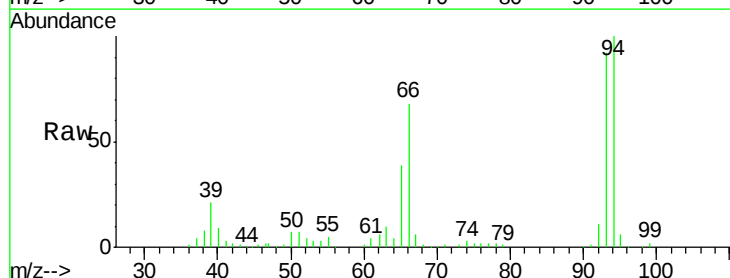
Tgt Ion: 93 Resp: 194822

Ion Ratio Lower Upper

93 100

66 73.8 44.9 67.3#

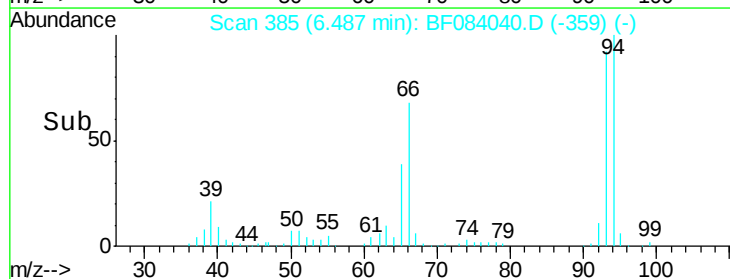
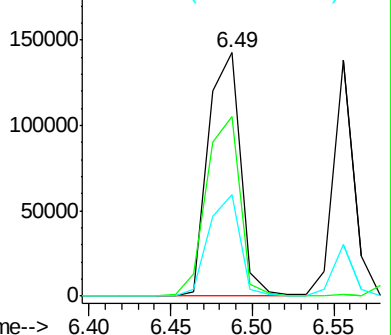
65 41.8 23.7 35.5#

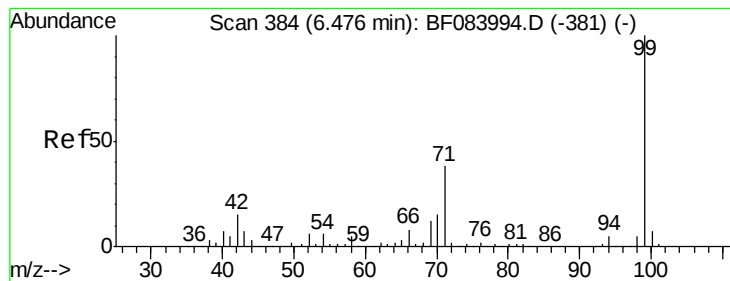


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.38 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

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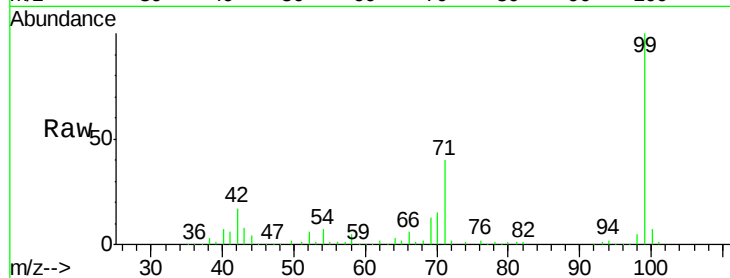
Tgt Ion: 99 Resp: 299214

Ion Ratio Lower Upper

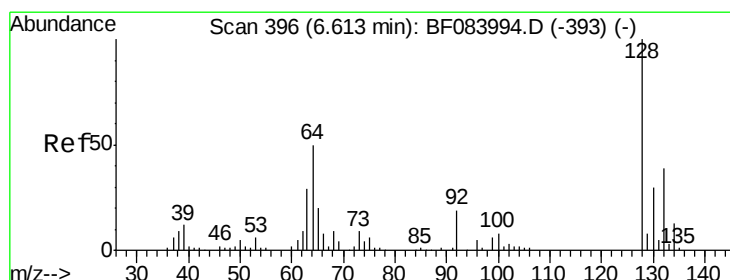
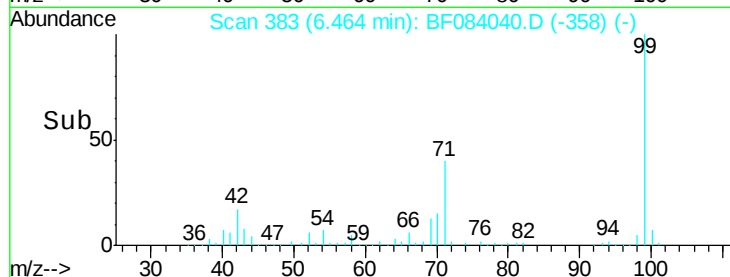
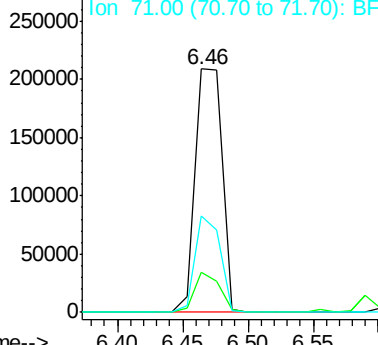
99 100

42 16.7 12.8 19.2

71 39.8 30.9 46.3



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



#8

2-Chlorophenol

Concen: 41.86 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

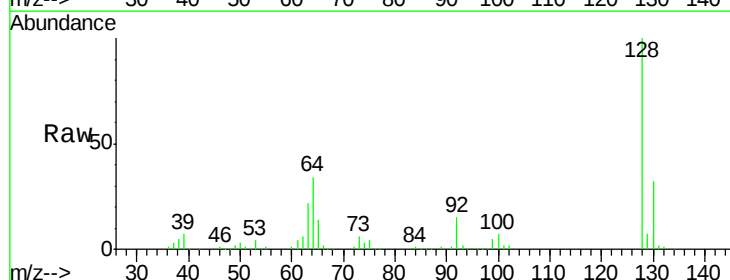
Tgt Ion: 128 Resp: 145385

Ion Ratio Lower Upper

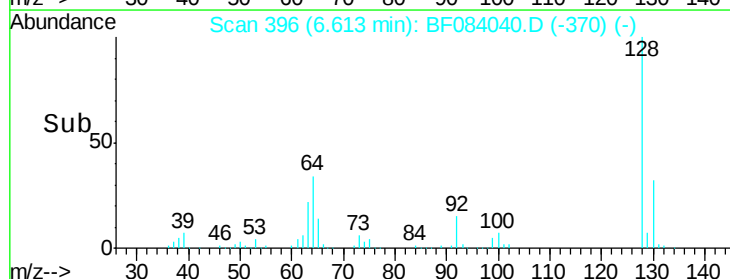
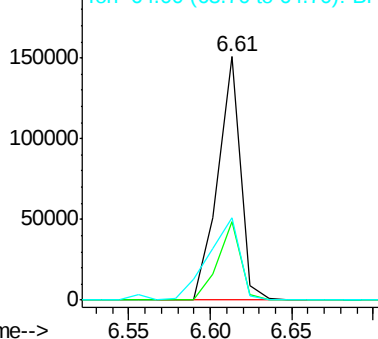
128 100

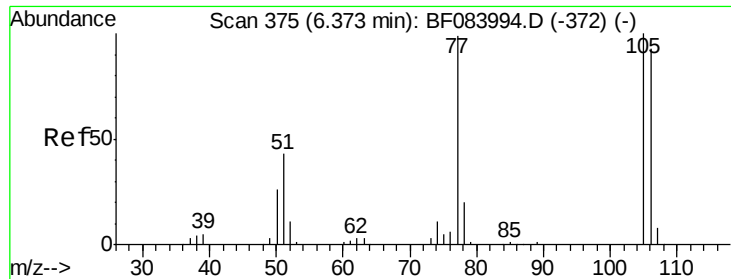
130 32.2 11.6 51.6

64 33.8 23.8 63.8



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

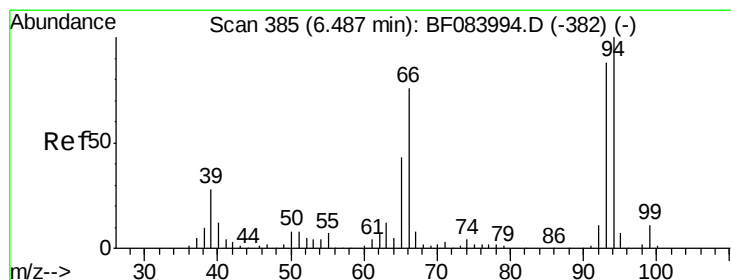
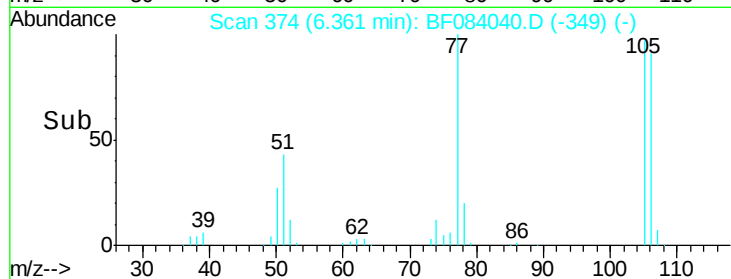
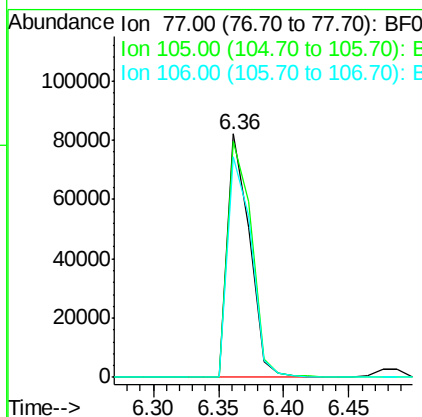
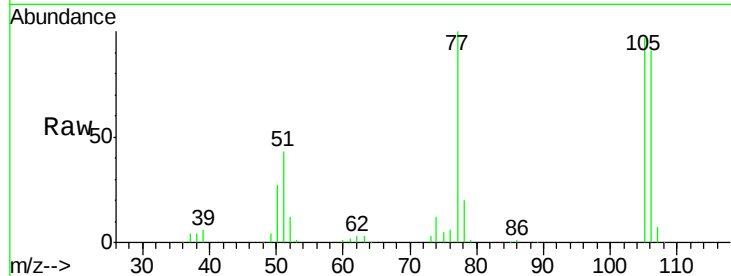




#9
Benzaldehyde
Concen: 40.86 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.01 min
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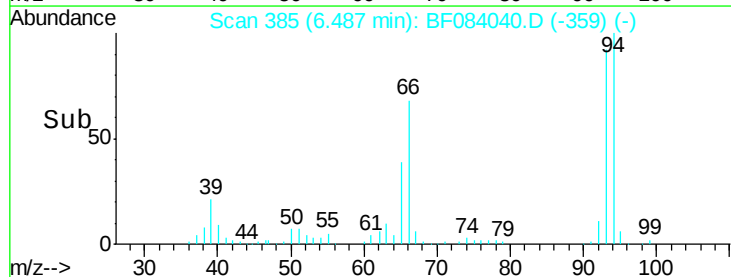
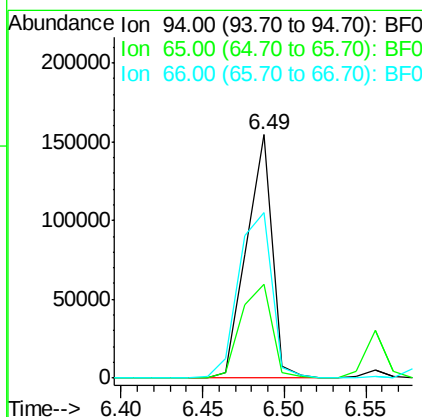
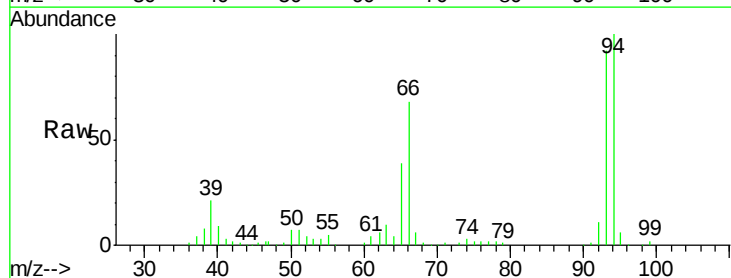
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

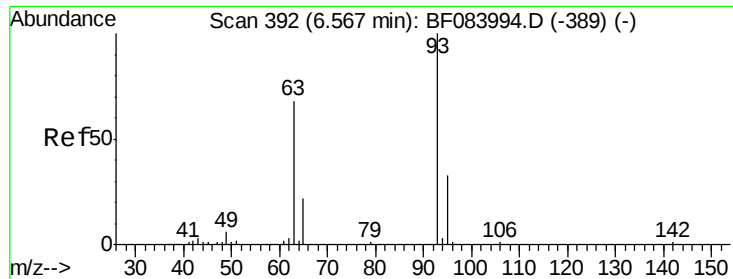
Tgt Ion: 77 Resp: 96761
Ion Ratio Lower Upper
77 100
105 97.0 83.0 123.0
106 90.8 74.6 114.6



#10
Phenol
Concen: 41.21 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF084040.D
Acq: 23 Dec 2015 18:16

Tgt Ion: 94 Resp: 169032
Ion Ratio Lower Upper
94 100
65 38.6 12.9 52.9
66 68.1 32.7 72.7

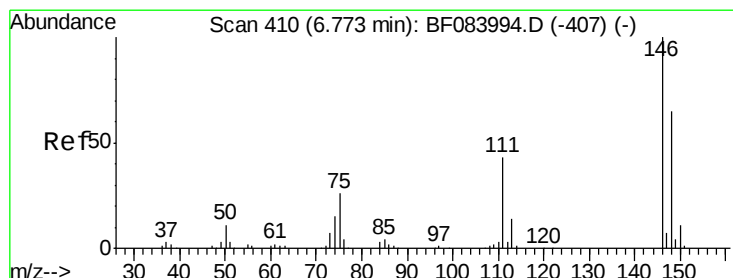
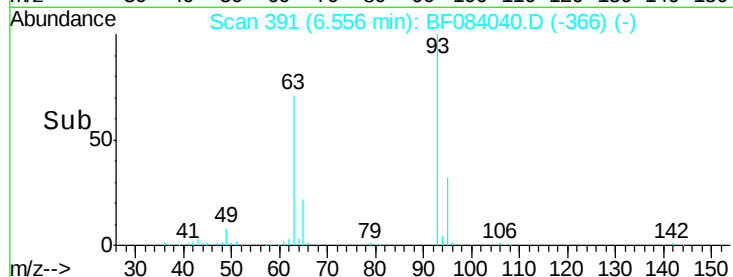
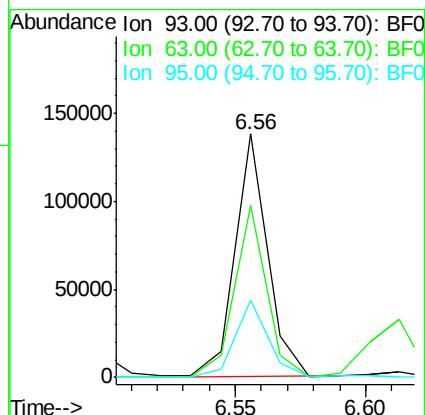
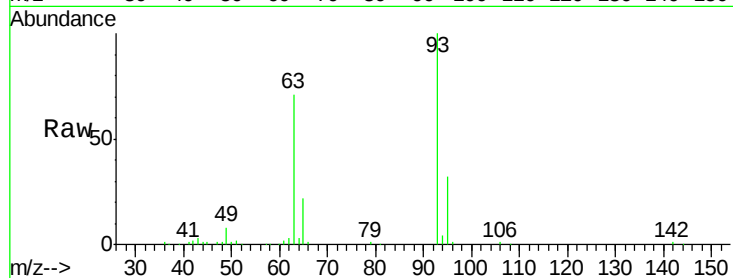




#11
bis(2-Chloroethyl)ether
Concen: 38.42 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF084040.D
Acq: 23 Dec 2015 18:16

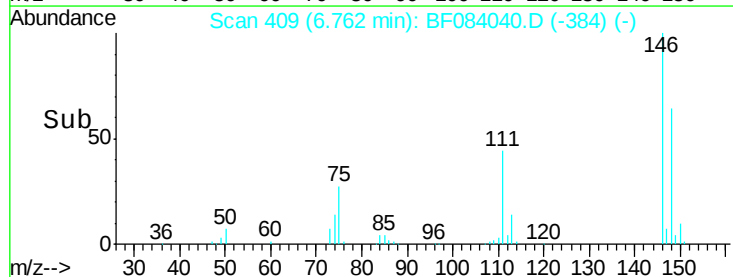
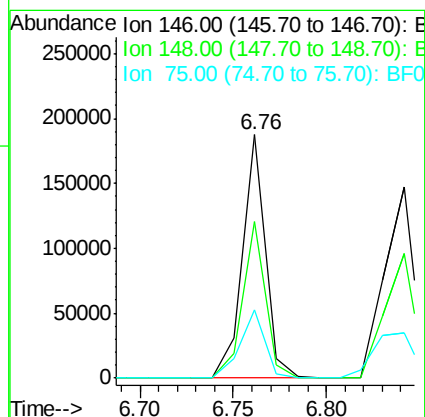
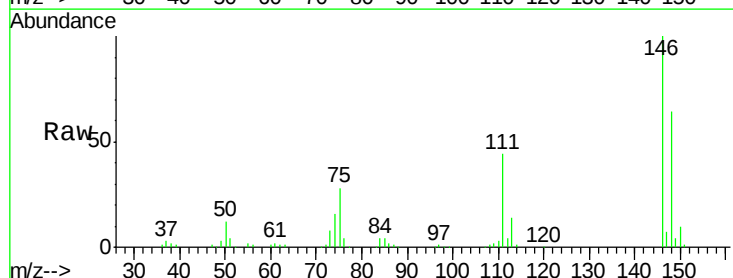
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

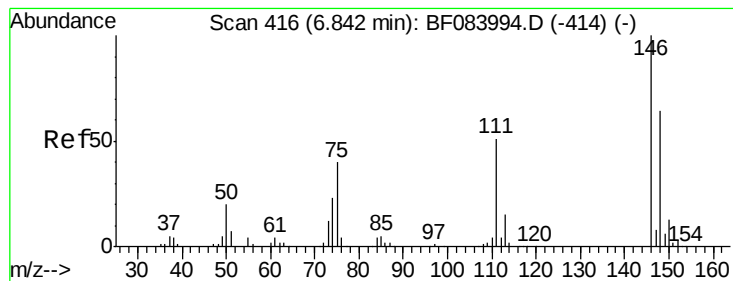
Tgt Ion	Ratio	Lower	Upper
93	100		
63	70.8	45.9	85.9
95	31.5	12.3	52.3



#12
1,3-Dichlorobenzene
Concen: 41.66 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF084040.D
Acq: 23 Dec 2015 18:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
75	28.1	20.5	30.7





#13

1,4-Dichlorobenzene

Concen: 42.66 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.08 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

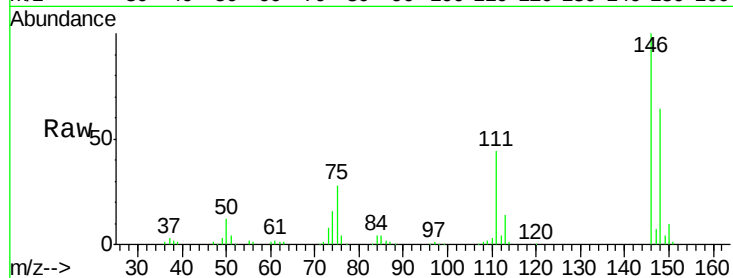
Tgt Ion:146 Resp: 160737

Ion Ratio Lower Upper

146 100

148 64.2 51.9 77.9

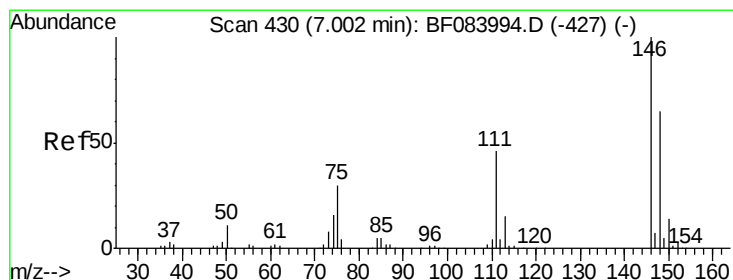
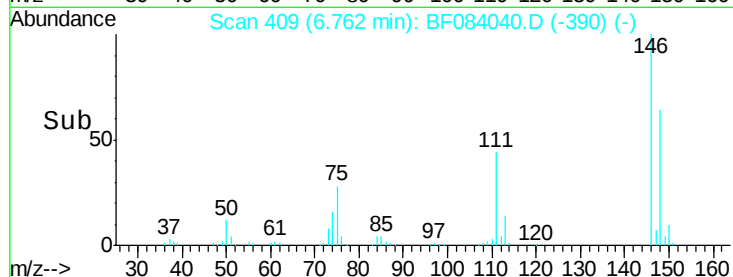
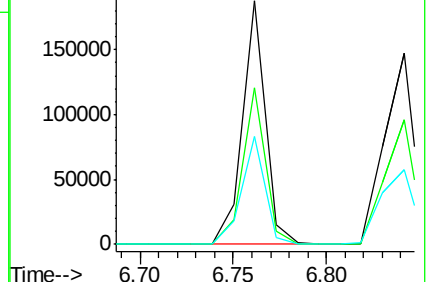
111 44.2 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.23 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

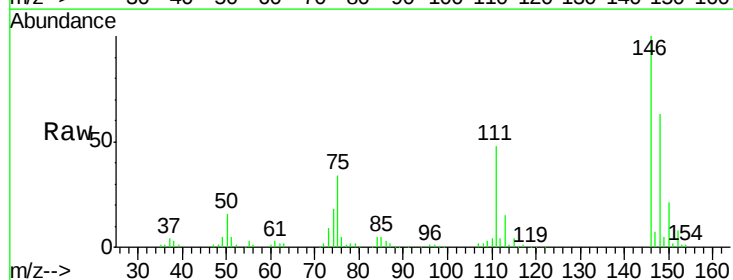
Tgt Ion:146 Resp: 148488

Ion Ratio Lower Upper

146 100

148 62.5 51.6 77.4

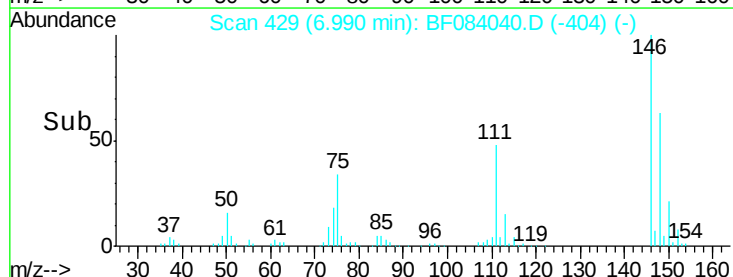
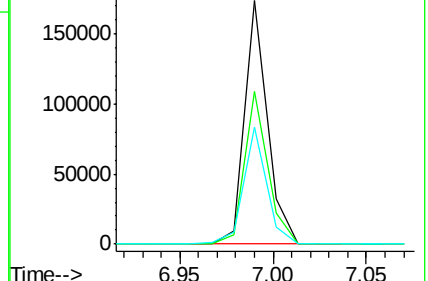
111 48.1 38.0 57.0

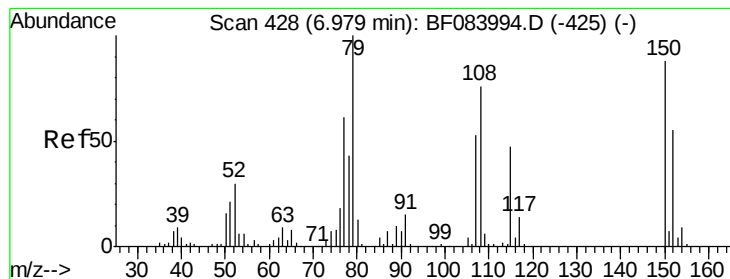


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.92 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

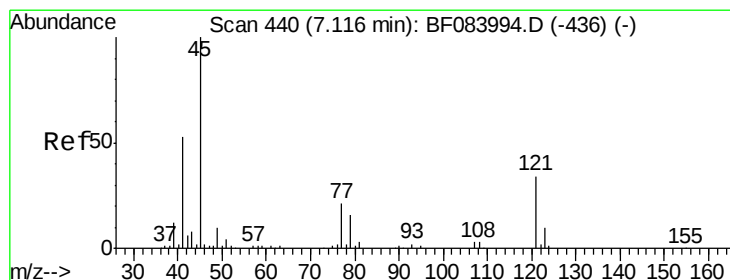
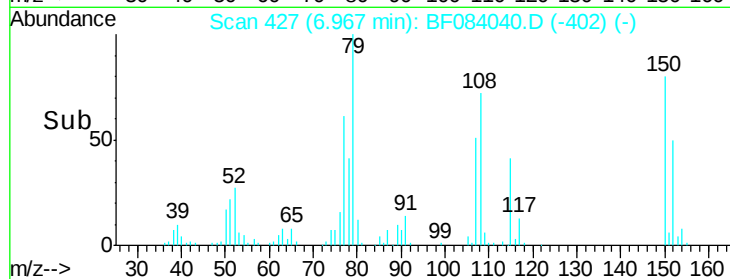
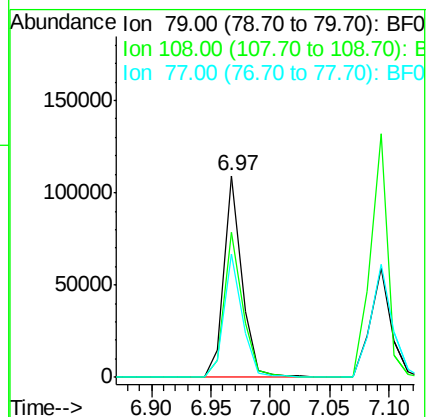
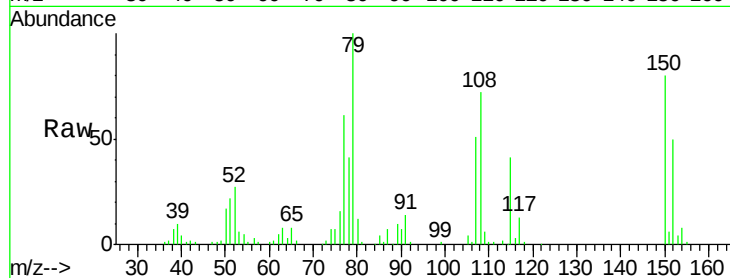
Tgt Ion: 79 Resp: 114246

Ion Ratio Lower Upper

79 100

108 71.9 69.0 103.4

77 61.1 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.26 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

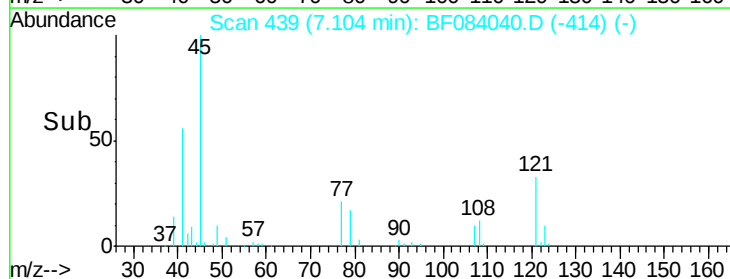
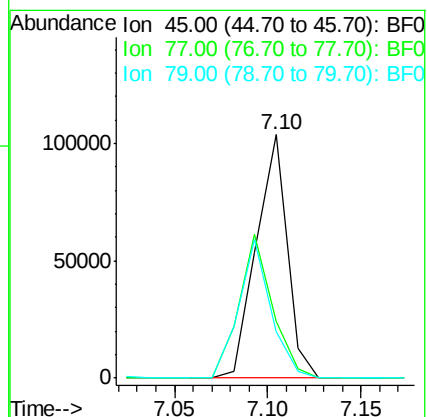
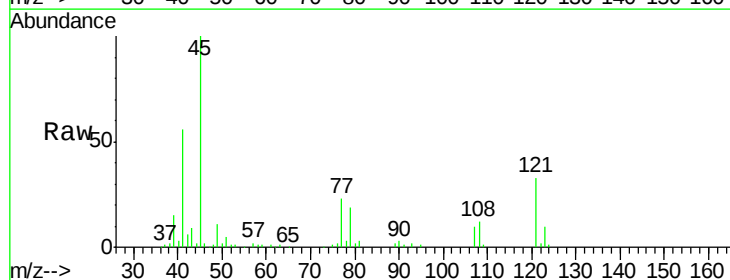
Tgt Ion: 45 Resp: 118817

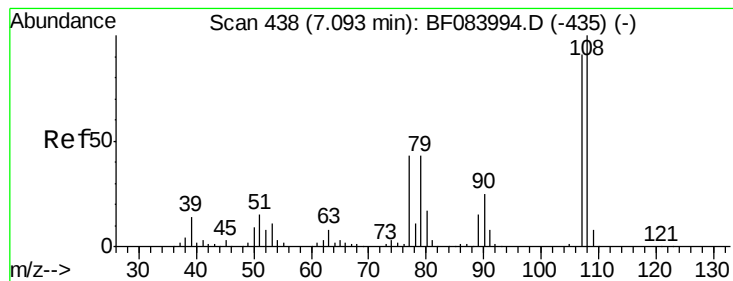
Ion Ratio Lower Upper

45 100

77 23.5 0.0 39.6

79 19.1 0.0 35.0

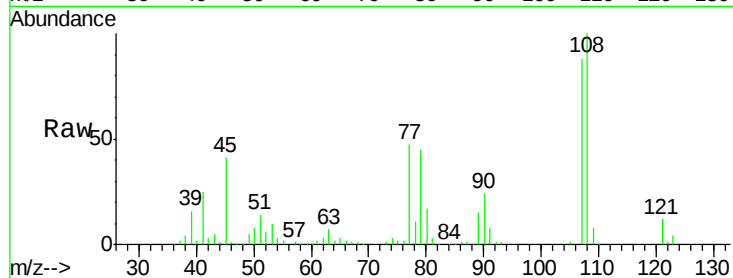




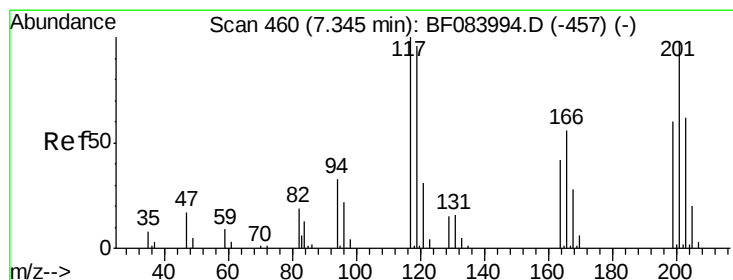
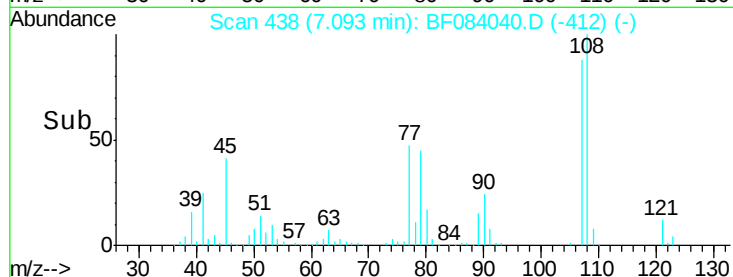
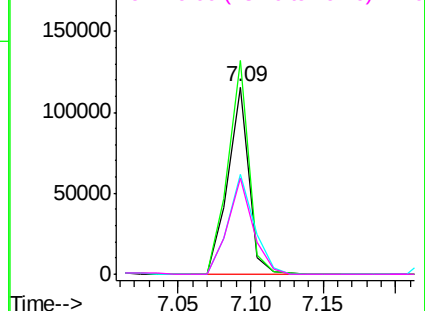
#17
2-Methylphenol
Concen: 42.02 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF084040.D
Acq: 23 Dec 2015 18:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 116237
Ion Ratio Lower Upper
107 100
108 114.0 89.8 134.6
77 53.0 35.7 53.5
79 50.9 35.7 53.5

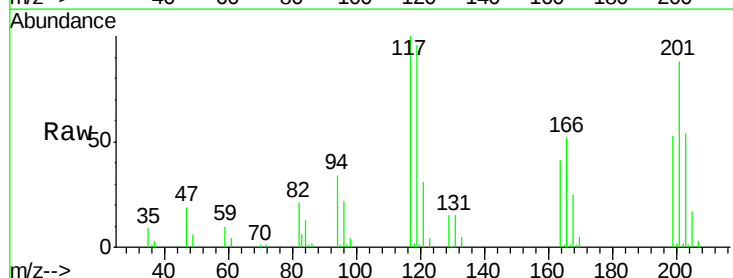


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

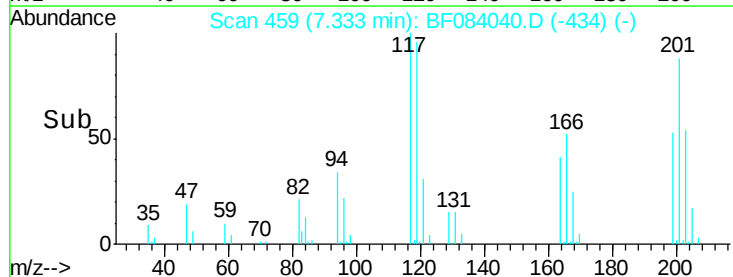
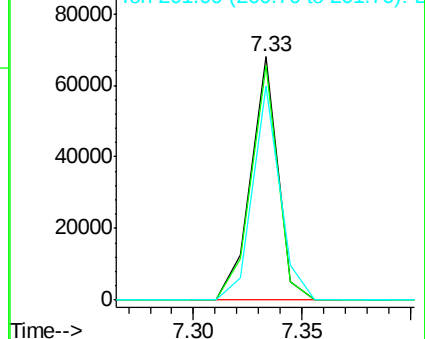


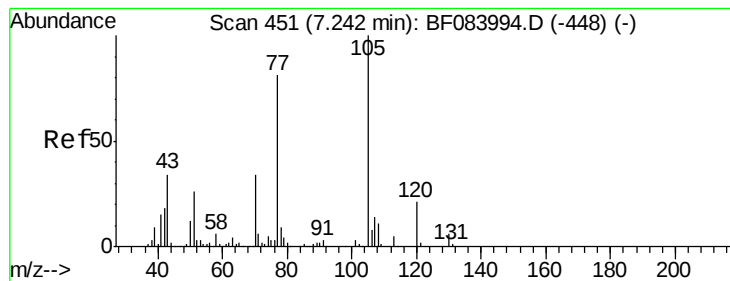
#18
Hexachloroethane
Concen: 42.44 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF084040.D
Acq: 23 Dec 2015 18:16

Tgt Ion:117 Resp: 58637
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.0
201 87.8 68.6 103.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.81 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 89842

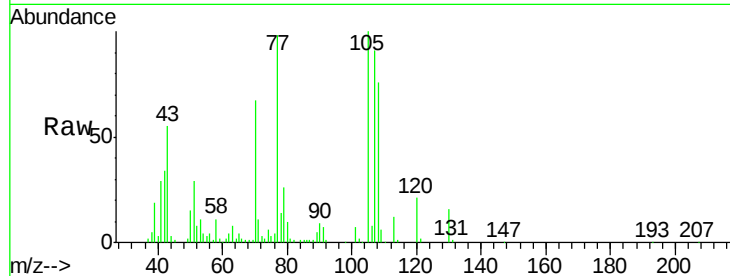
Ion Ratio Lower Upper

70 100

42 50.2 33.3 49.9#

101 10.0 9.3 13.9

130 23.3 23.4 35.0#

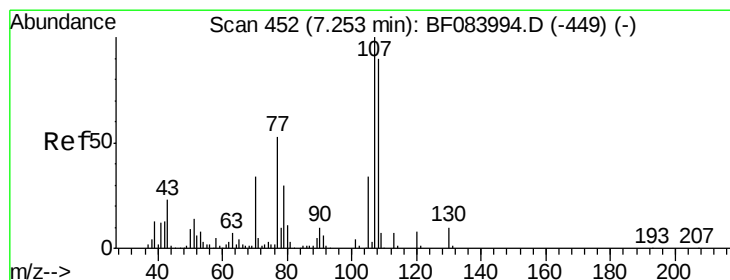
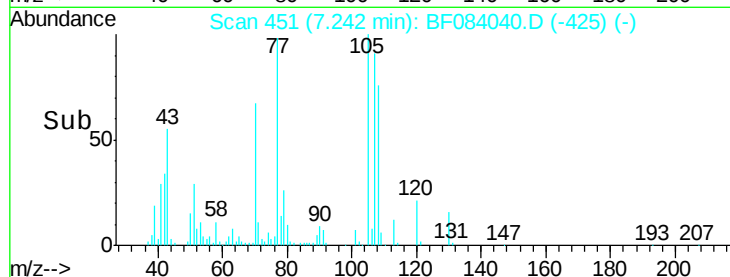
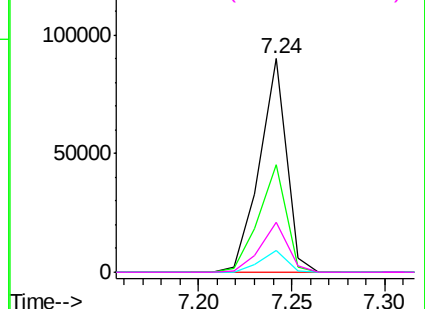


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 40.72 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

Tgt Ion: 107 Resp: 139010

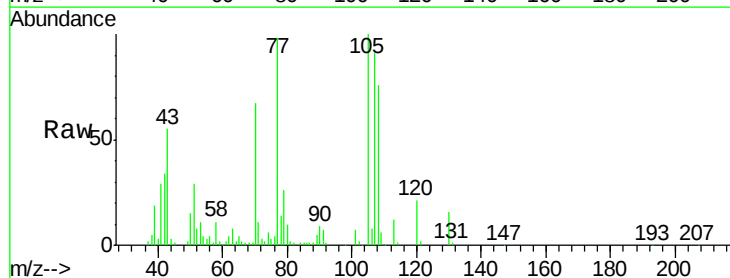
Ion Ratio Lower Upper

107 100

108 83.4 64.1 104.1

77 107.2 128.9 168.9#

79 28.4 9.6 49.6

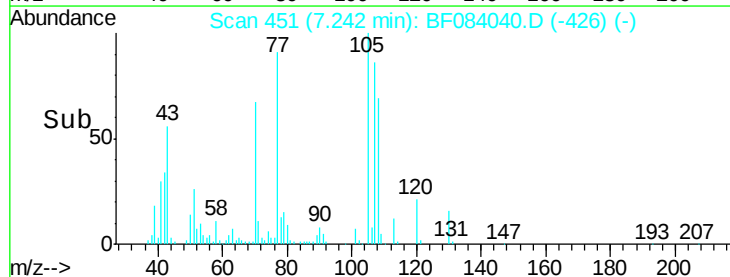
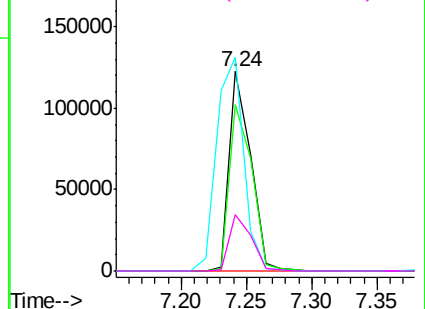


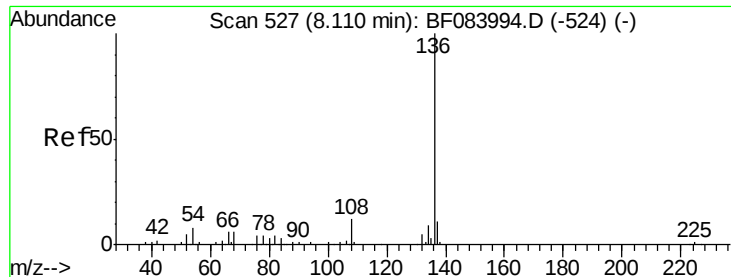
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 210410

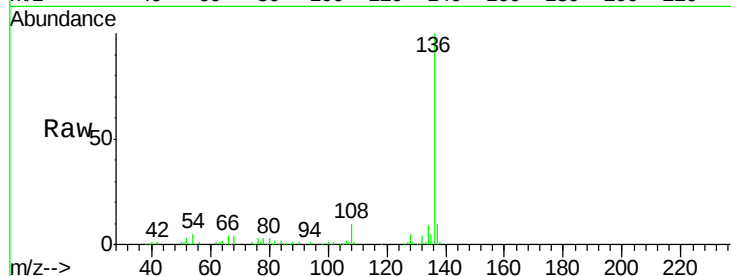
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 4.6 5.8 8.8#

68 3.7 4.2 6.2#

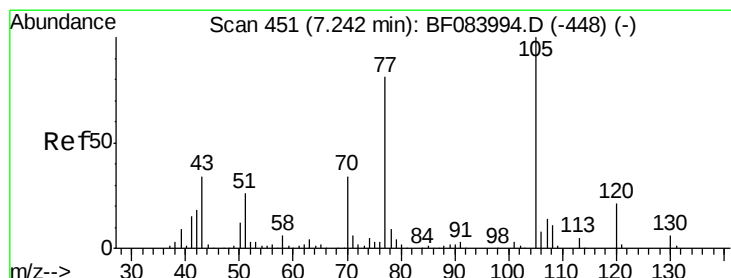
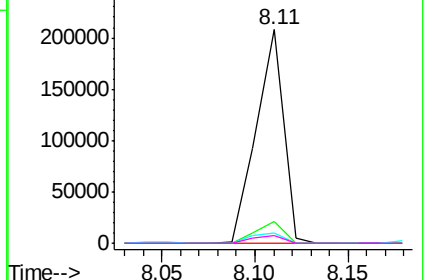
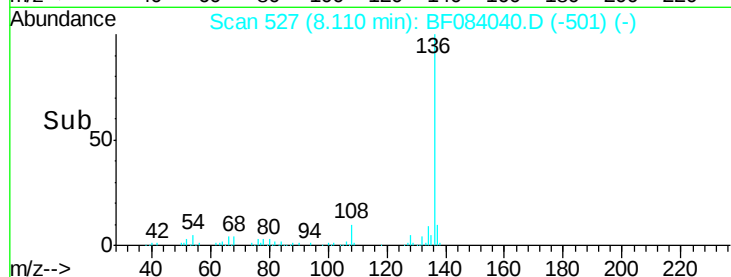


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.98 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

Tgt Ion:105 Resp: 197361

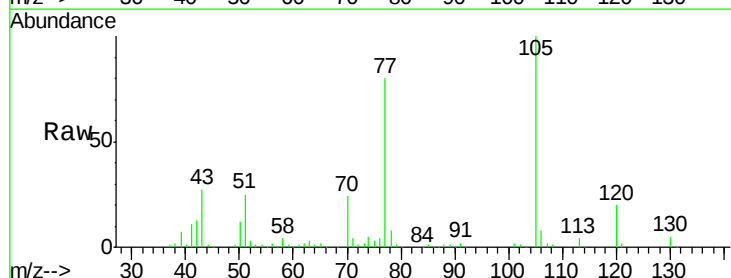
Ion Ratio Lower Upper

105 100

71 3.9 3.7 5.5

51 25.2 25.1 37.7

120 20.3 16.6 25.0

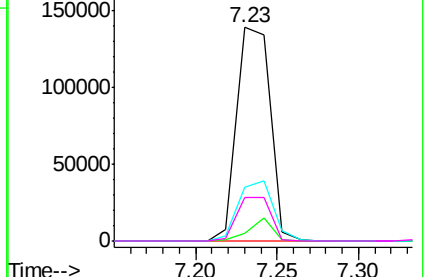
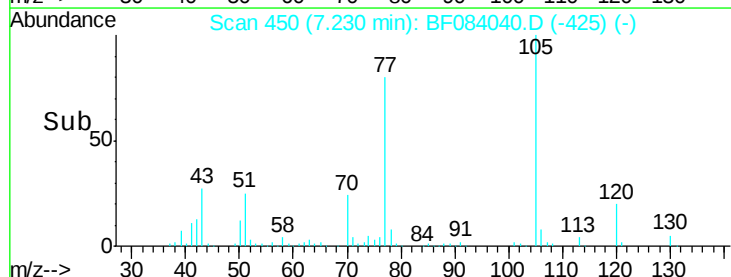


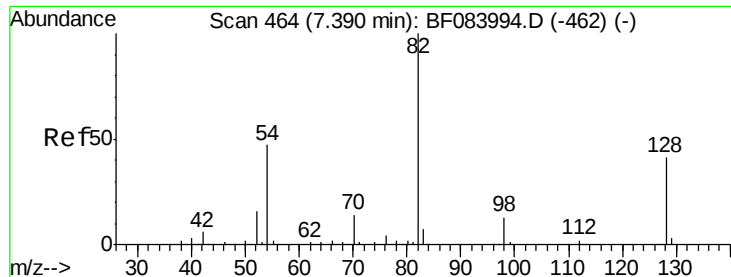
Abundance Ion 105.00 (104.70 to 105.70): E

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

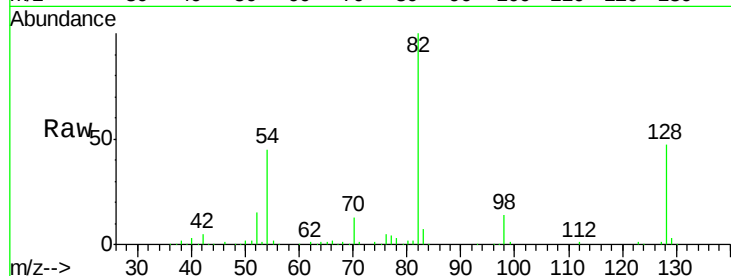




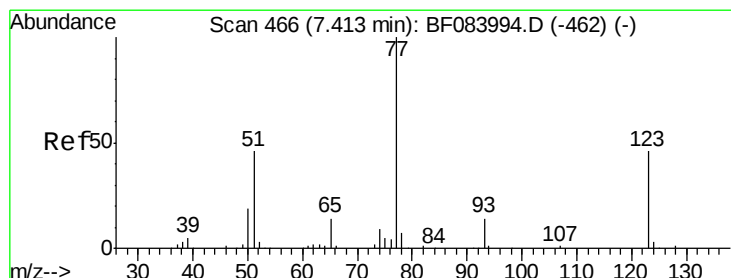
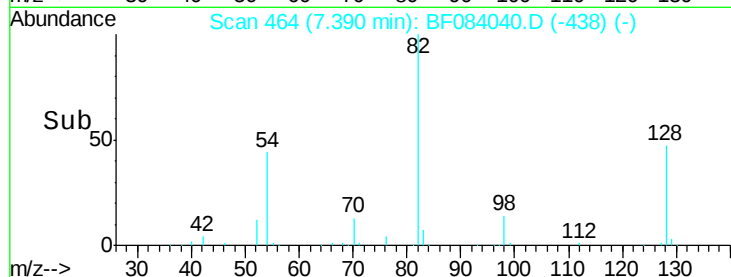
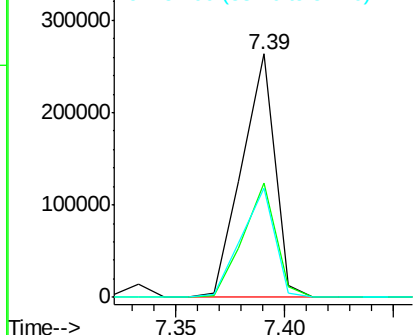
#23
 Nitrobenzene-d5
 Concen: 81.40 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084040.D
 Acq: 23 Dec 2015 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.6	51.8
54	44.9	38.4	57.6

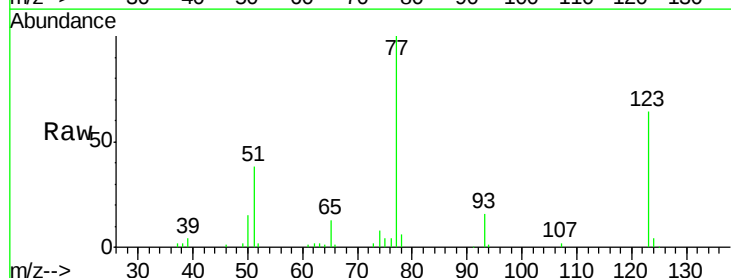


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

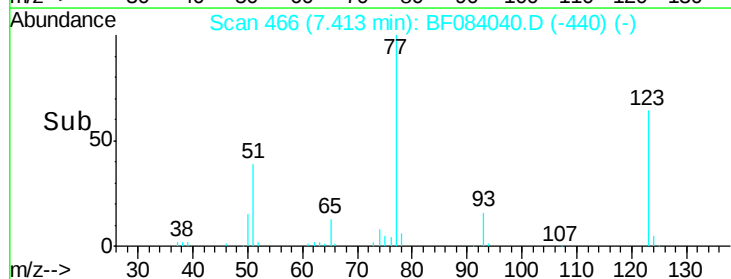
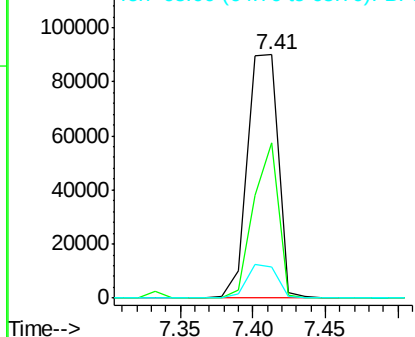


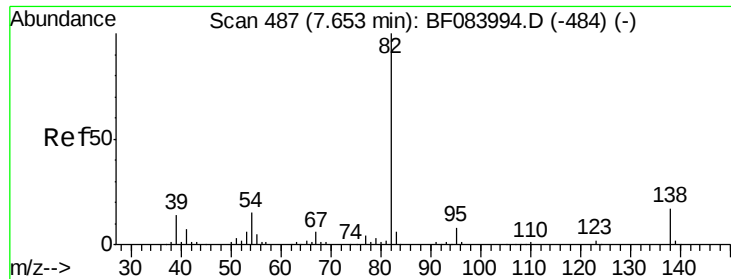
#24
 Nitrobenzene
 Concen: 37.47 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF084040.D
 Acq: 23 Dec 2015 18:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	64.0	37.4	56.2#
65	12.6	10.9	16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.10 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

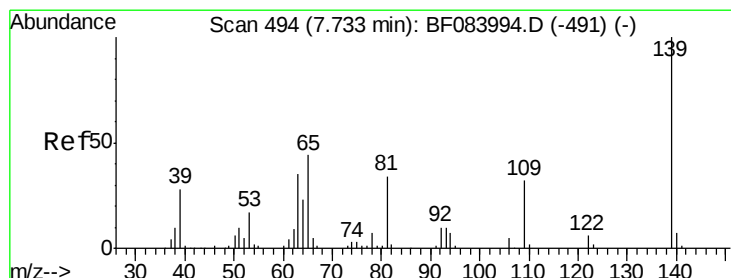
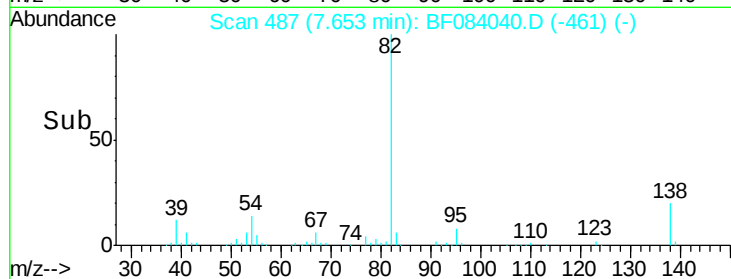
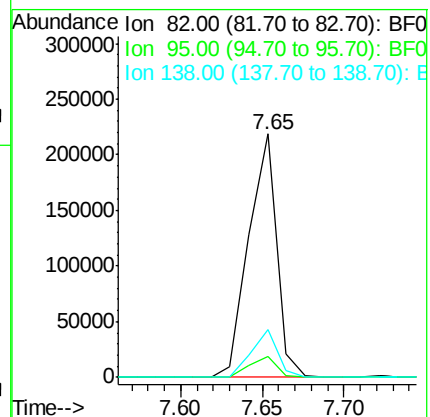
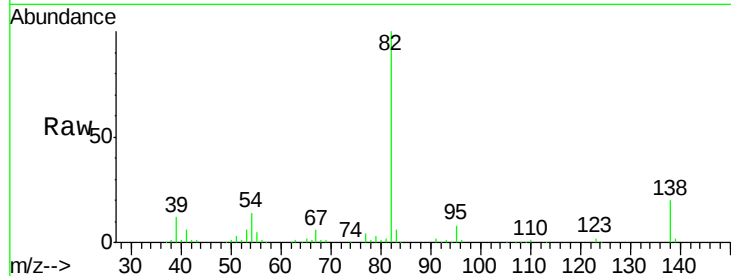
Tgt Ion: 82 Resp: 260256

Ion Ratio Lower Upper

82 100

95 8.4 6.6 10.0

138 19.6 13.6 20.4



#26

2-Nitrophenol

Concen: 38.02 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

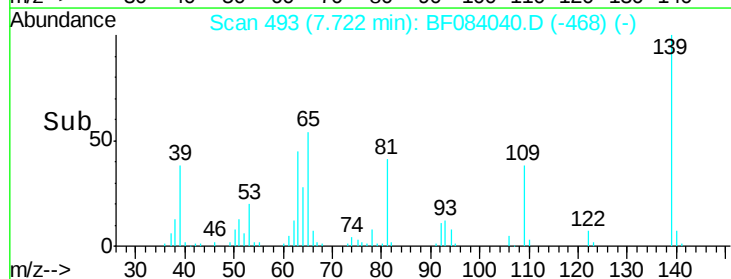
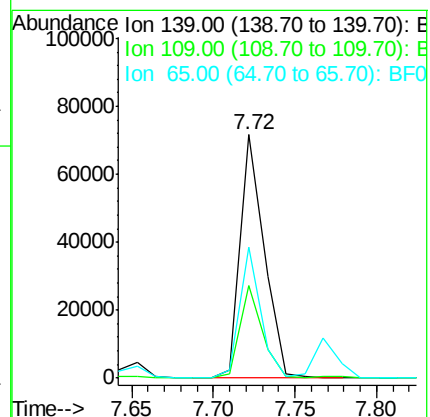
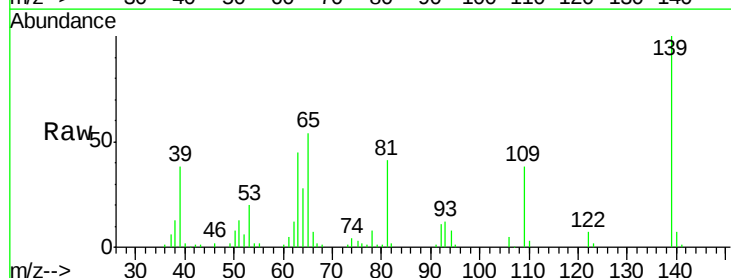
Tgt Ion: 139 Resp: 72220

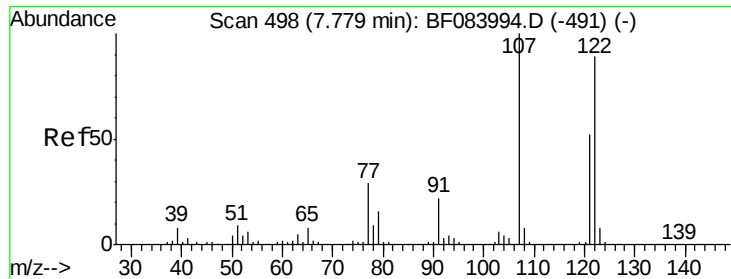
Ion Ratio Lower Upper

139 100

109 38.2 25.4 38.2#

65 53.7 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 35.25 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

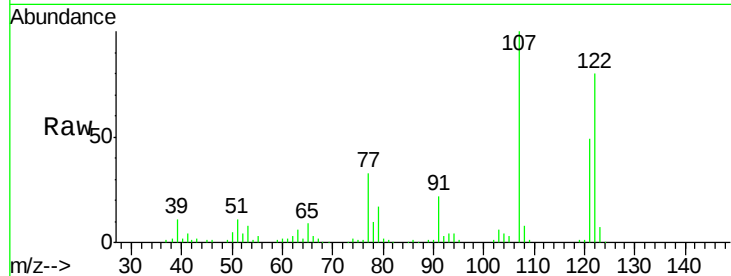
Tgt Ion: 122 Resp: 116717

Ion Ratio Lower Upper

122 100

107 124.3 99.1 148.7

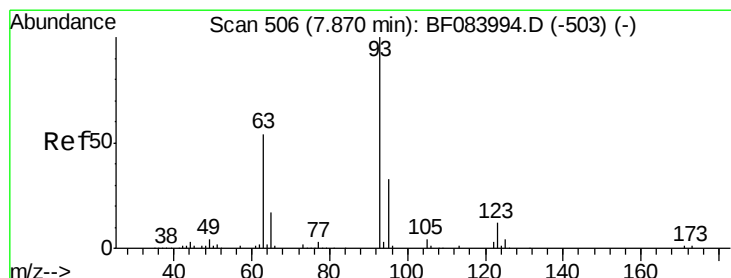
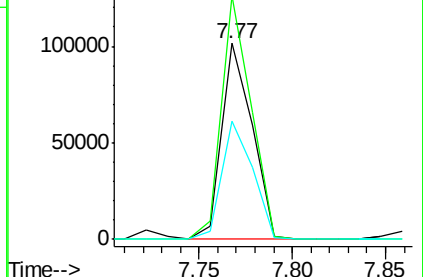
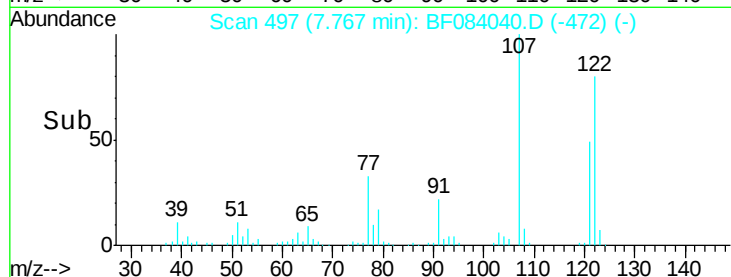
121 60.5 47.9 71.9



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: 39.83 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

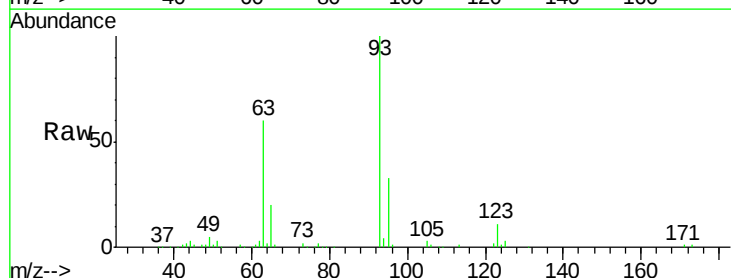
Tgt Ion: 93 Resp: 160132

Ion Ratio Lower Upper

93 100

95 33.0 25.8 38.6

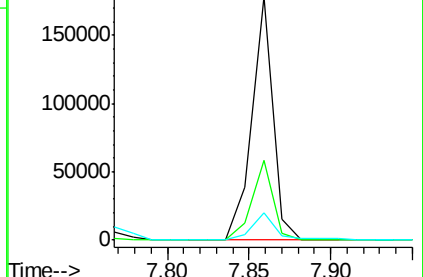
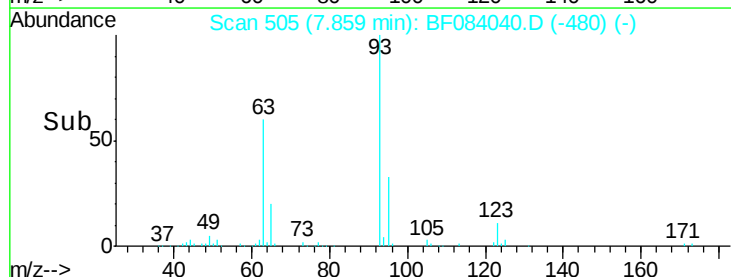
123 11.2 8.6 12.8

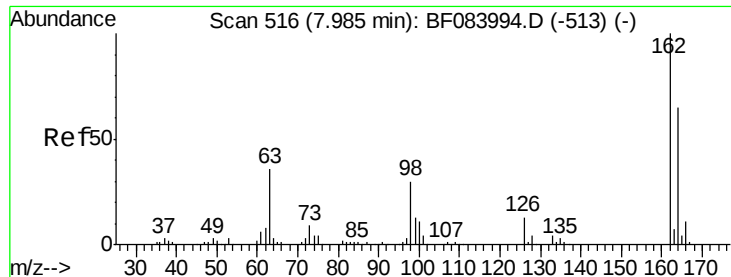


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

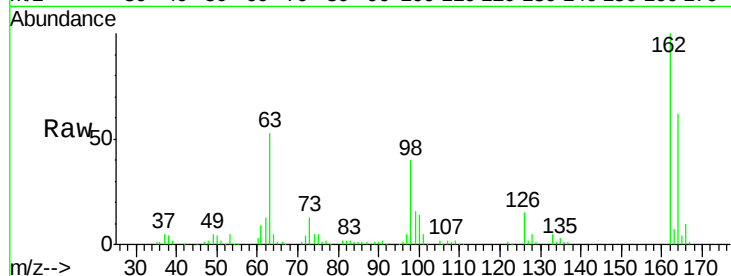




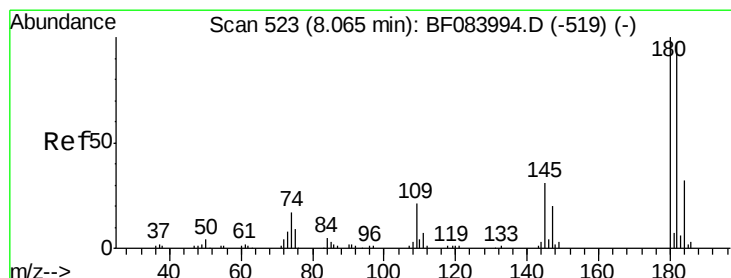
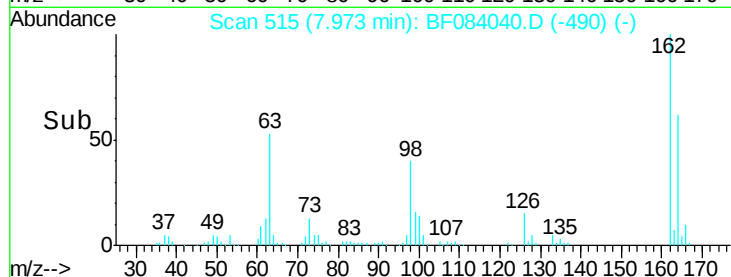
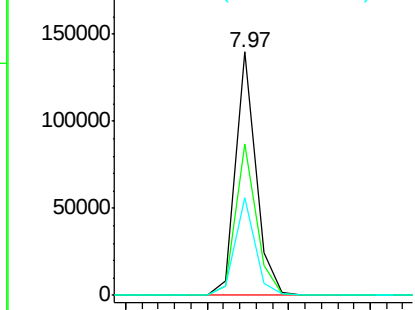
#29
 2,4-Dichlorophenol
 Concen: 40.58 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF084040.D
 Acq: 23 Dec 2015 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.1	44.1	84.1
98	40.3	20.2	60.2

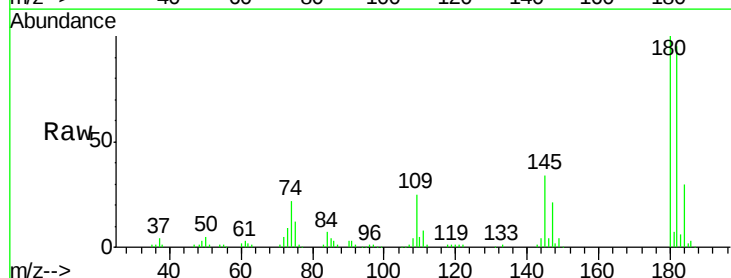


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

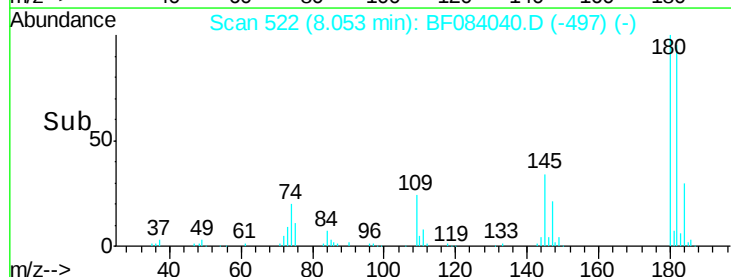
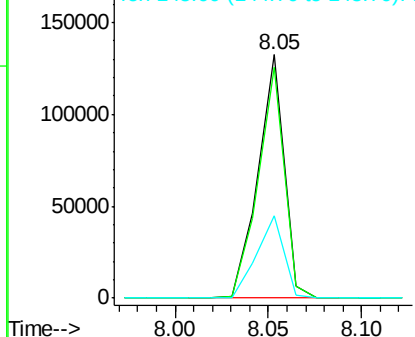


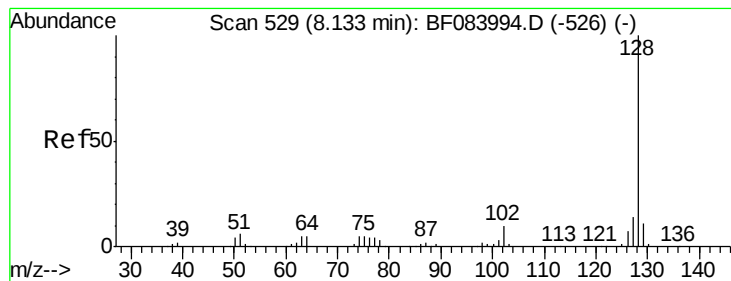
#30
 1,2,4-Trichlorobenzene
 Concen: 41.29 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF084040.D
 Acq: 23 Dec 2015 18:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.4	114.6
145	34.0	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: 39.38 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

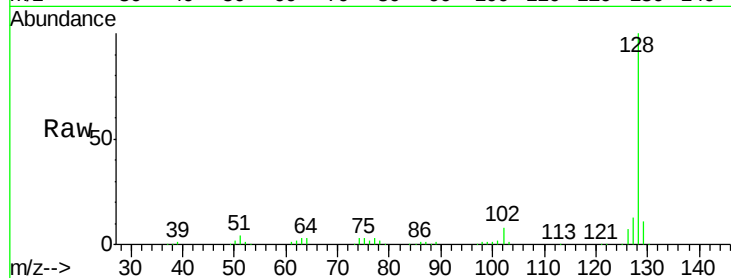
Tgt Ion:128 Resp: 423283

Ion Ratio Lower Upper

128 100

129 10.5 9.1 13.7

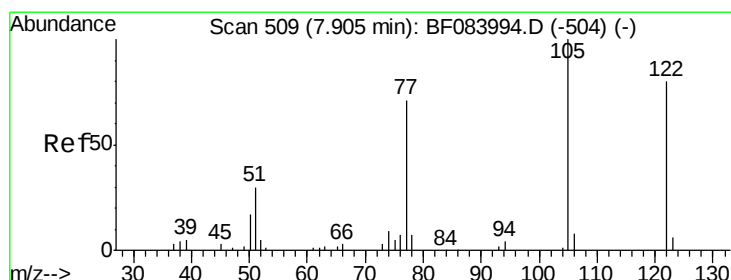
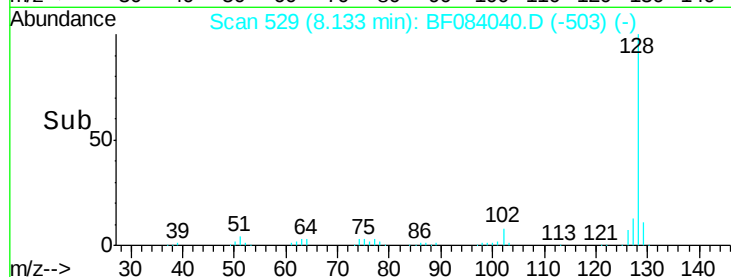
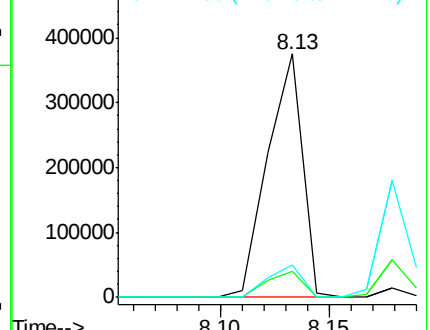
127 13.1 11.1 16.7



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: 28.37 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

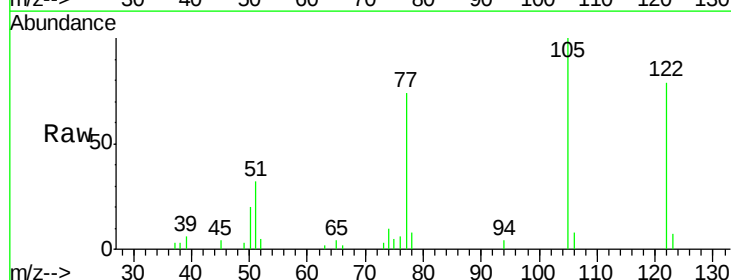
Tgt Ion:122 Resp: 39626

Ion Ratio Lower Upper

122 100

105 126.7 100.3 140.3

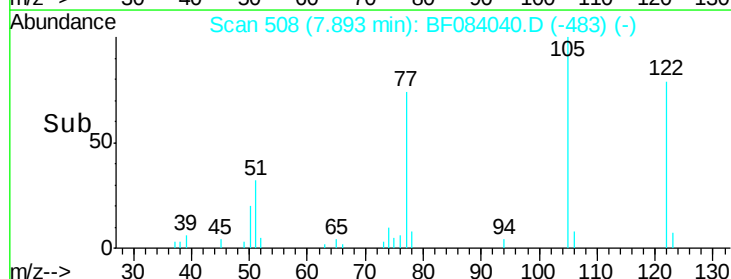
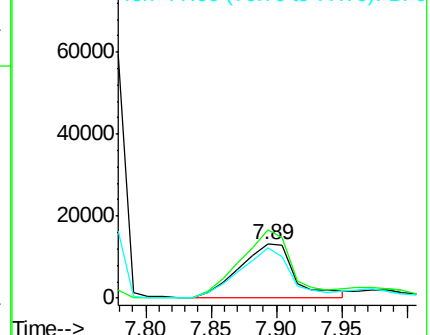
77 93.8 63.5 103.5

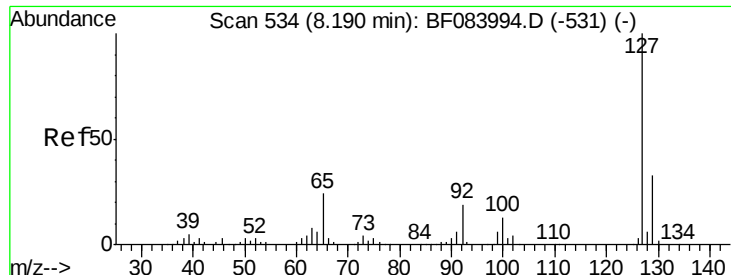


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

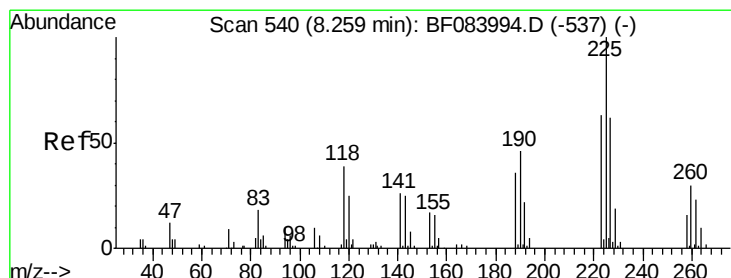
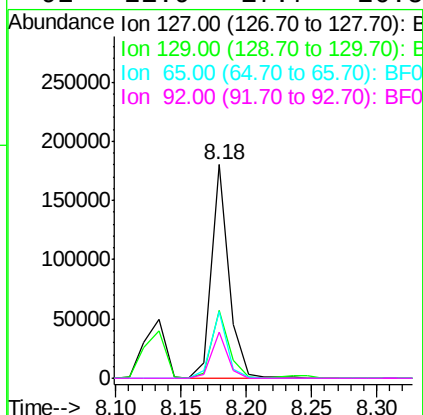
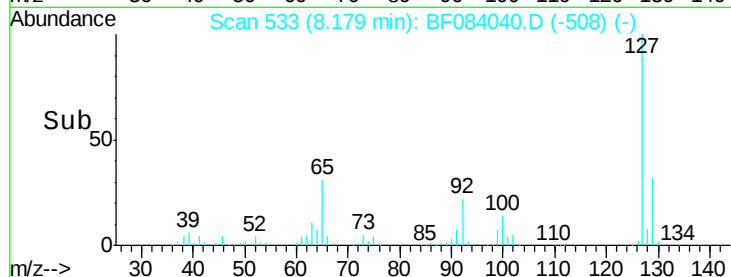
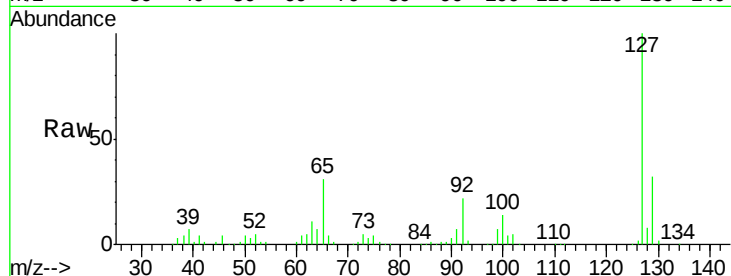




#33
4-Chloroaniline
Concen: 38.20 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF084040.D
Acq: 23 Dec 2015 18:16

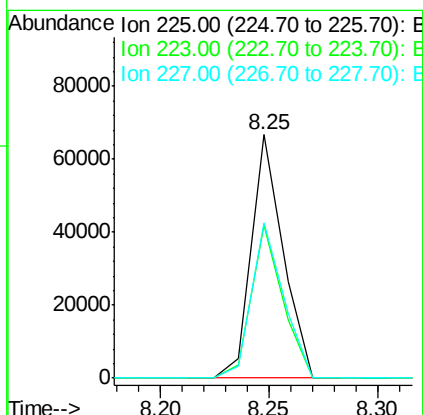
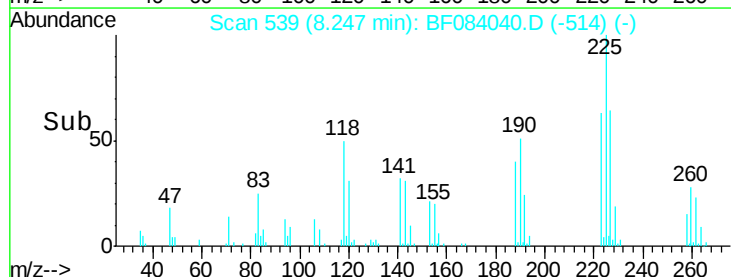
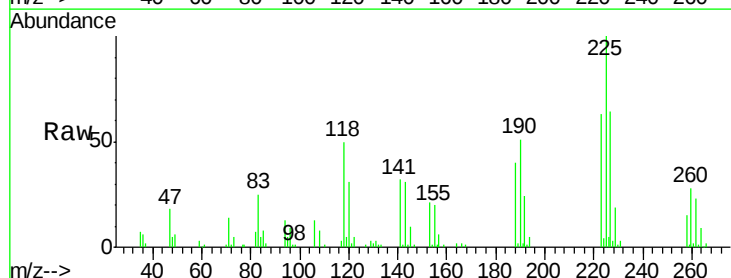
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

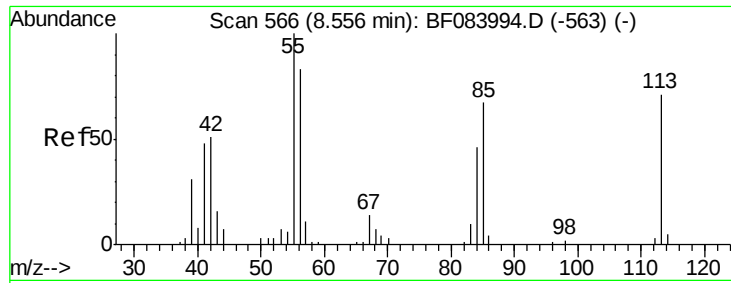
Tgt Ion:	127	Resp:	167914
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.5	39.7
65	31.3	27.2	40.8
92	21.9	17.7	26.5



#34
Hexachlorobutadiene
Concen: 36.66 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF084040.D
Acq: 23 Dec 2015 18:16

Tgt Ion:	225	Resp:	67607
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.4	74.0
227	64.0	50.8	76.2

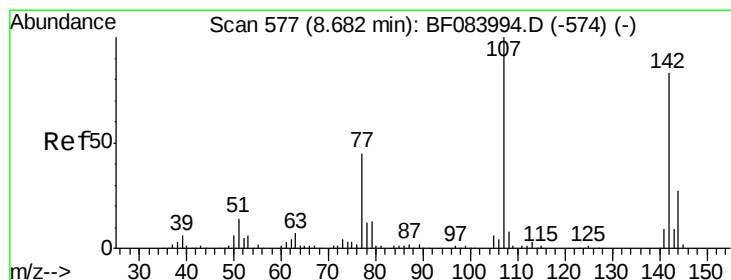
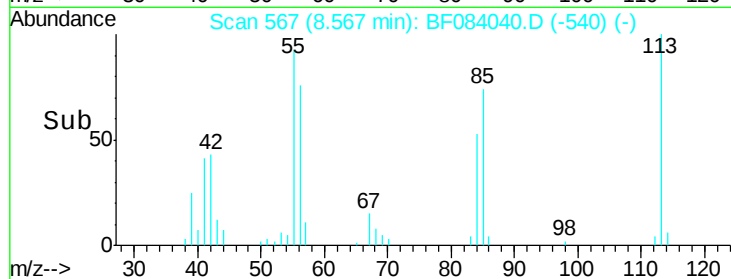
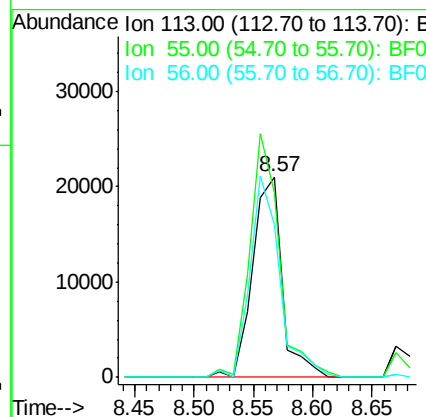
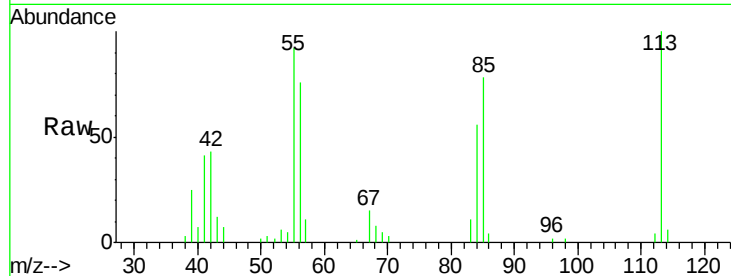




#35
 Caprolactam
 Concen: 41.14 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF084040.D
 Acq: 23 Dec 2015 18:16

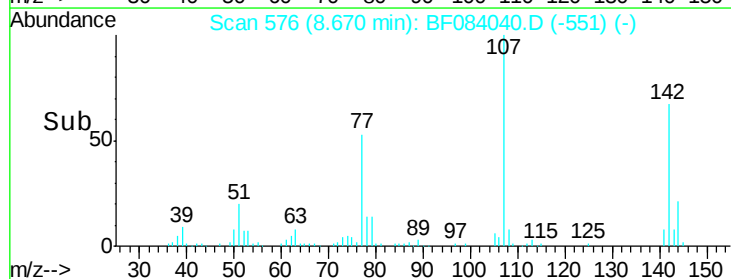
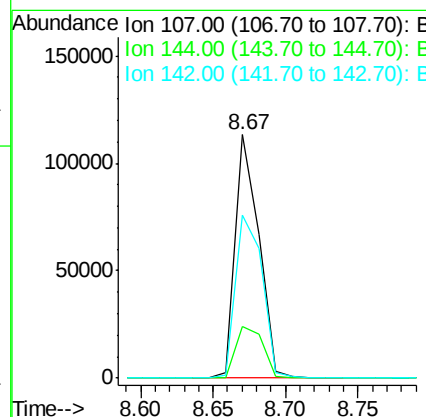
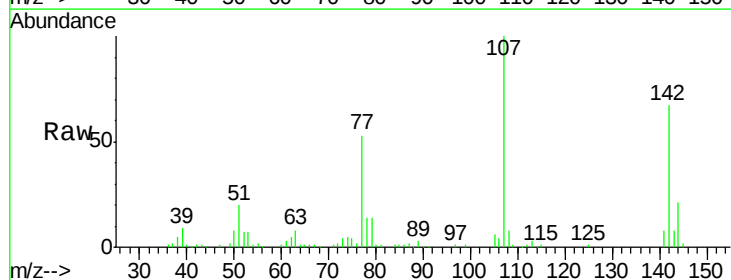
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

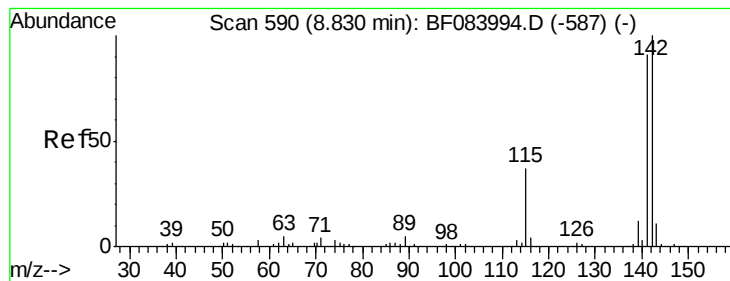
Tgt Ion:113 Resp: 36568
 Ion Ratio Lower Upper
 113 100
 55 92.3 116.9 156.9#
 56 76.2 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 40.51 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF084040.D
 Acq: 23 Dec 2015 18:16

Tgt Ion:107 Resp: 128186
 Ion Ratio Lower Upper
 107 100
 144 21.3 19.7 29.5
 142 67.2 61.8 92.6





#37

2-Methylnaphthalene

Concen: 40.32 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

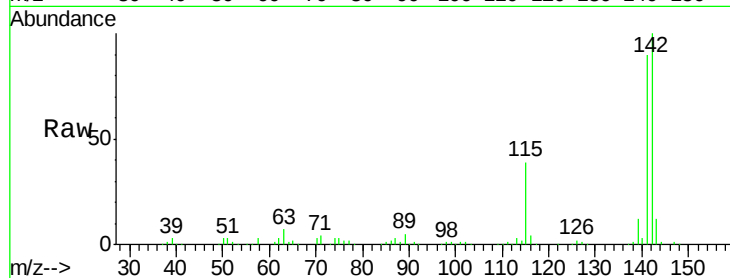
Tgt Ion:142 Resp: 280678

Ion Ratio Lower Upper

142 100

141 90.2 72.4 108.6

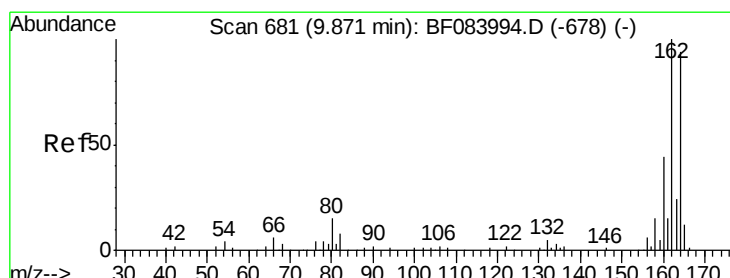
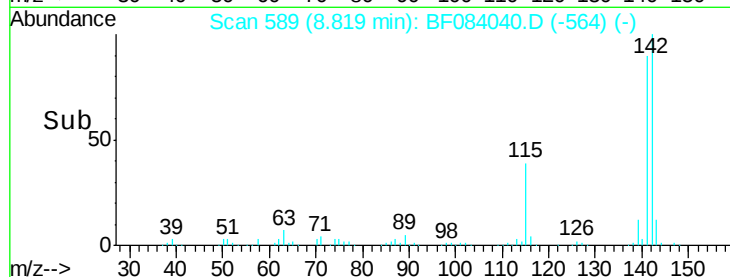
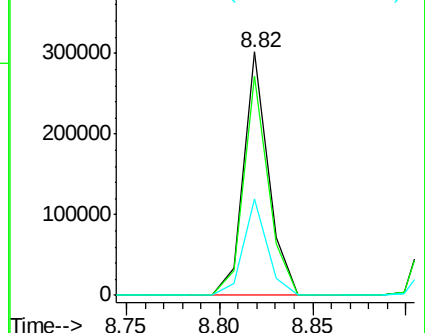
115 39.5 27.9 41.9



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: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

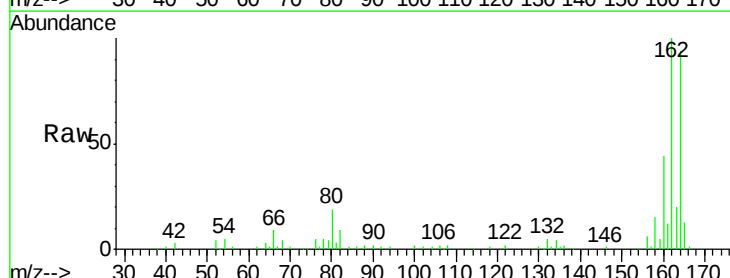
Tgt Ion:164 Resp: 97804

Ion Ratio Lower Upper

164 100

162 106.4 85.1 127.7

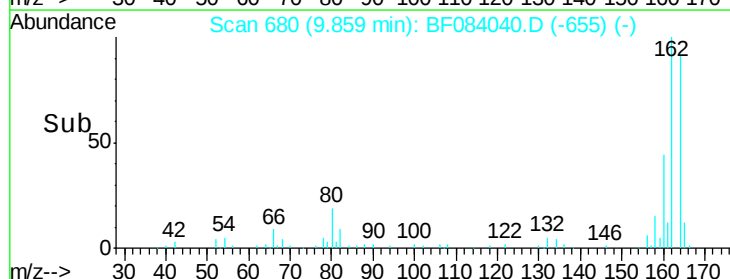
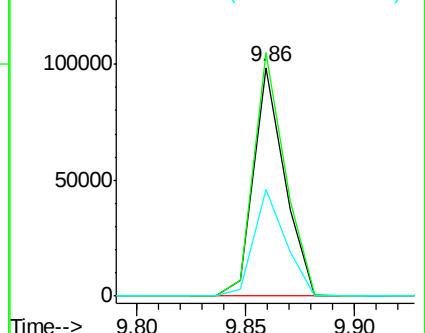
160 46.7 37.5 56.3

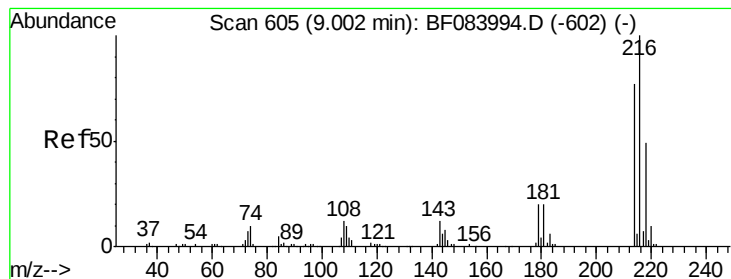


Abundance Ion 164.00 (163.70 to 164.70): E

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: 43.75 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 128619

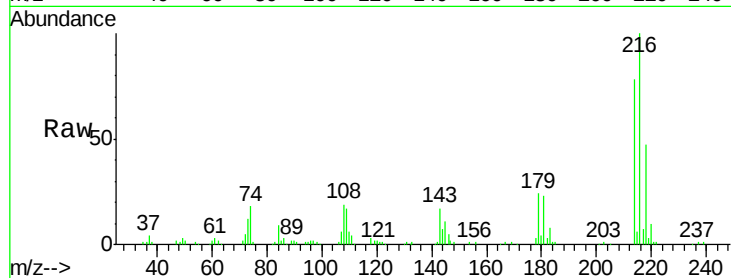
Ion Ratio Lower Upper

216 100

214 78.3 64.2 96.2

179 23.5 18.7 28.1

108 21.1 16.8 25.2

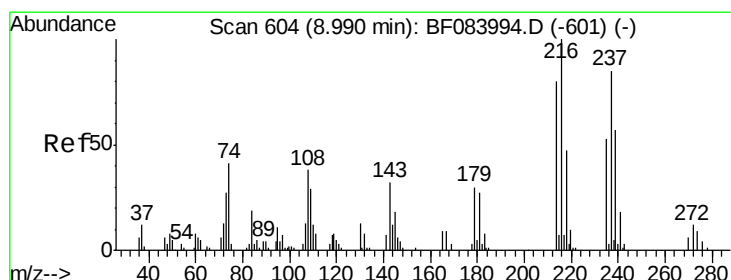
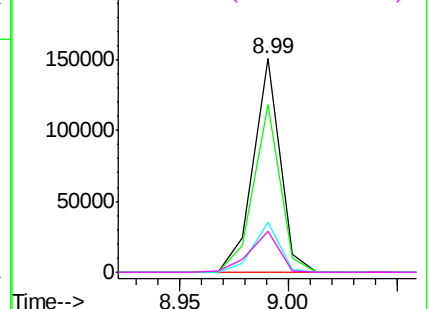
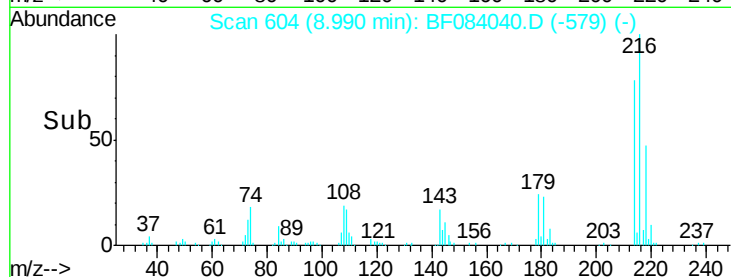


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.24 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

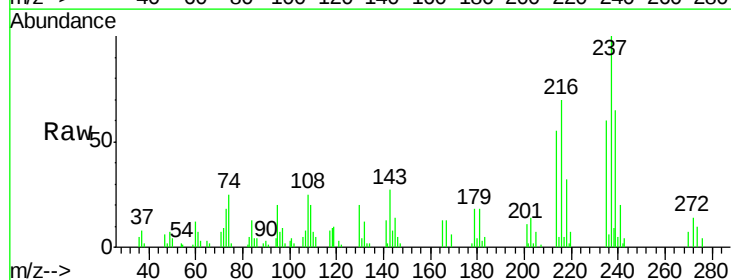
Tgt Ion:237 Resp: 27109

Ion Ratio Lower Upper

237 100

235 60.1 43.1 83.1

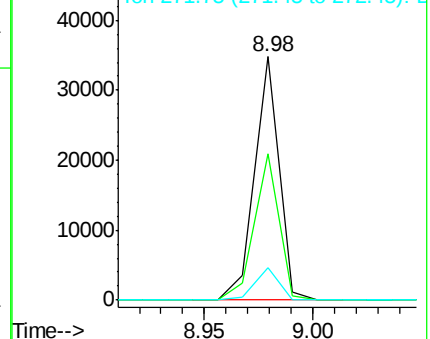
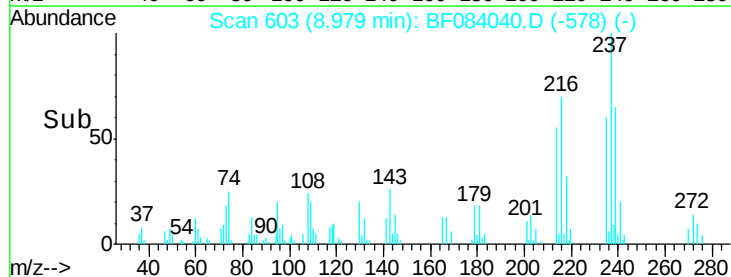
272 13.6 0.0 35.1

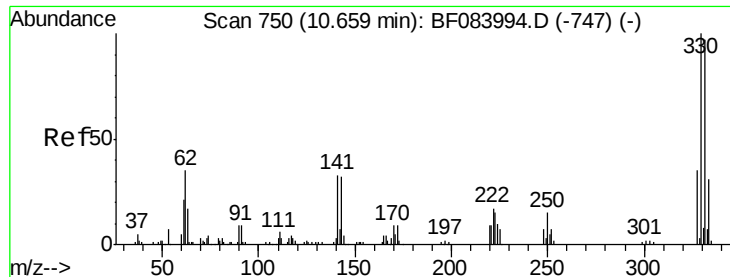


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

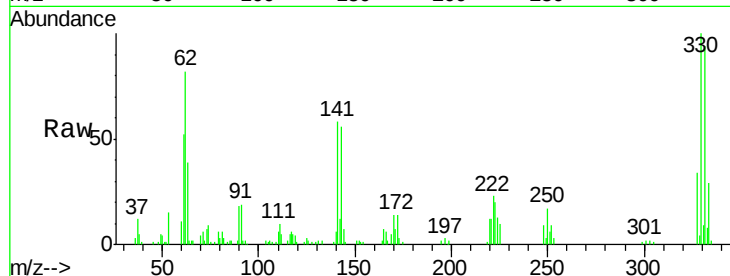




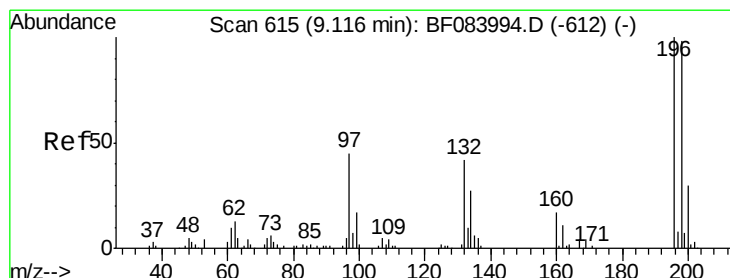
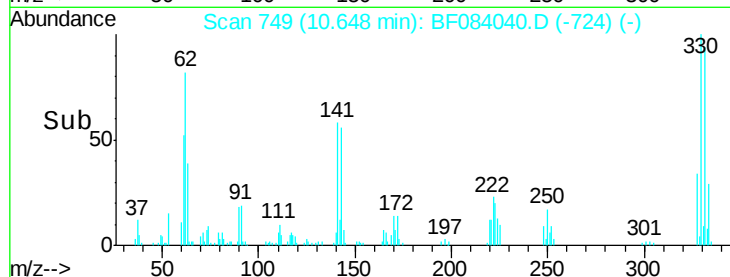
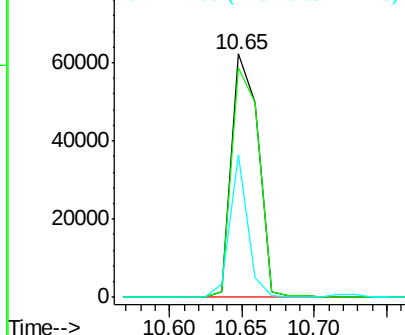
#41
 2,4,6-Tribromophenol
 Concen: 84.63 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF084040.D
 Acq: 23 Dec 2015 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 79619
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 38.8 27.8 41.6

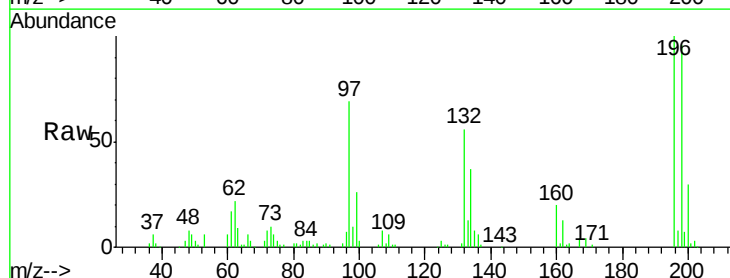


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

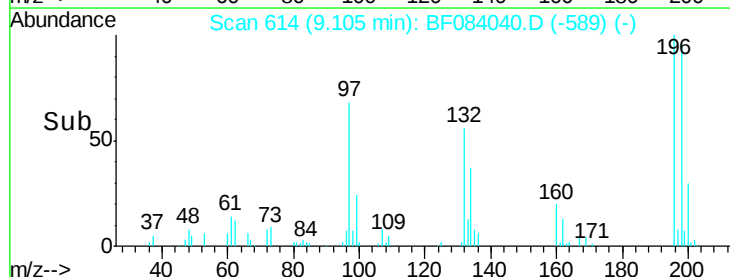
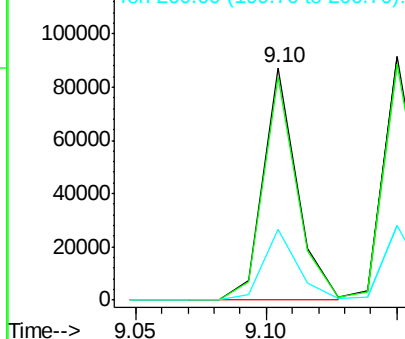


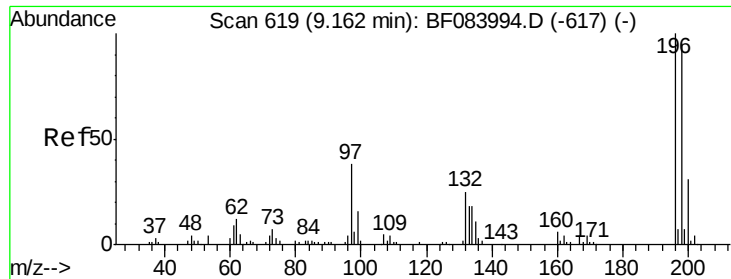
#42
 2,4,6-Trichlorophenol
 Concen: 44.66 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF084040.D
 Acq: 23 Dec 2015 18:16

Tgt Ion:196 Resp: 79069
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.7 116.5
 200 30.4 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

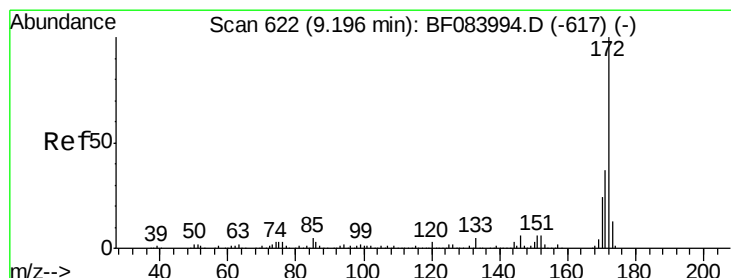
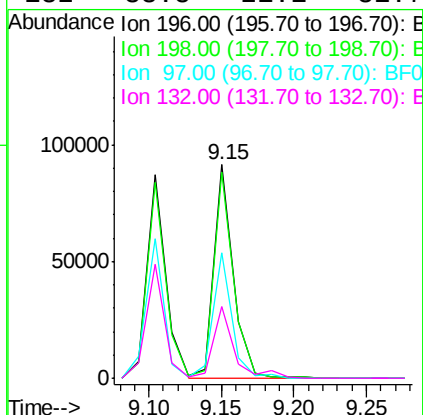
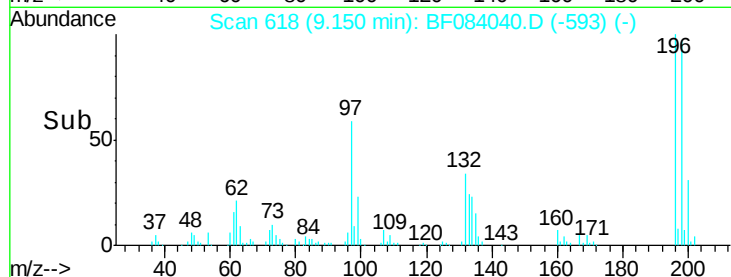
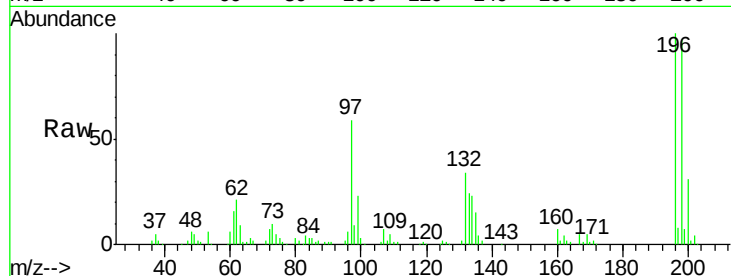




#43
 2,4,5-Trichlorophenol
 Concen: 45.62 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF084040.D
 Acq: 23 Dec 2015 18:16

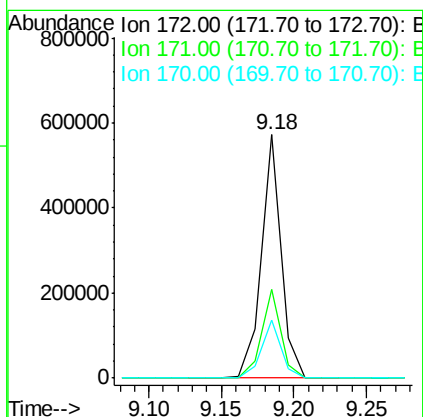
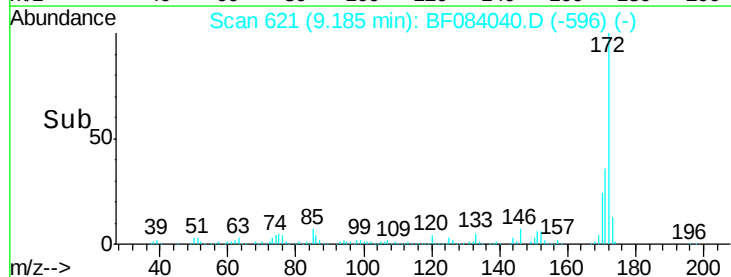
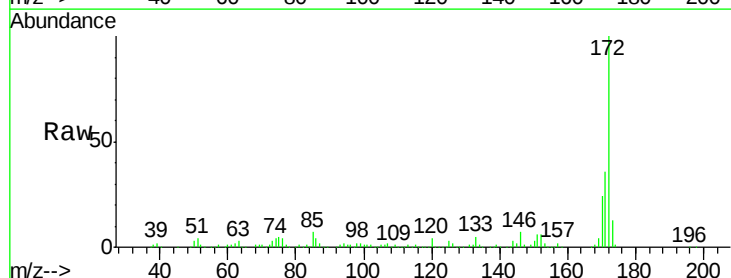
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

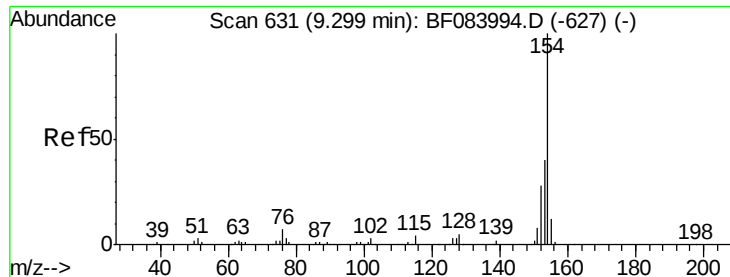
Tgt Ion:196 Resp: 84067
 Ion Ratio Lower Upper
 196 100
 198 96.7 79.0 118.6
 97 59.0 33.0 49.6#
 132 33.8 21.1 31.7#



#44
 2-Fluorobiphenyl
 Concen: 74.28 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084040.D
 Acq: 23 Dec 2015 18:16

Tgt Ion:172 Resp: 539803
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 23.8 18.6 27.8





#45

1,1'-Biphenyl

Concen: 43.23 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

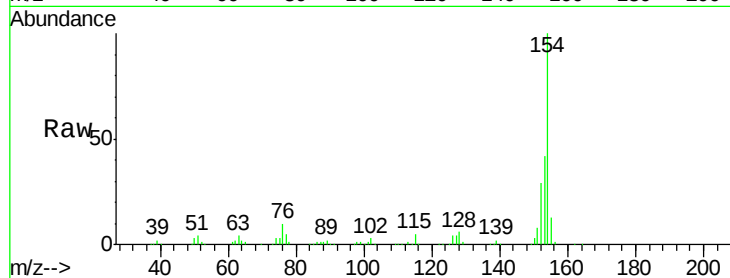
Tgt Ion:154 Resp: 373792

Ion Ratio Lower Upper

154 100

153 41.6 21.6 61.6

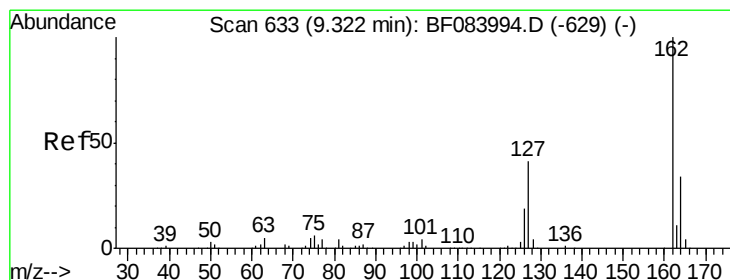
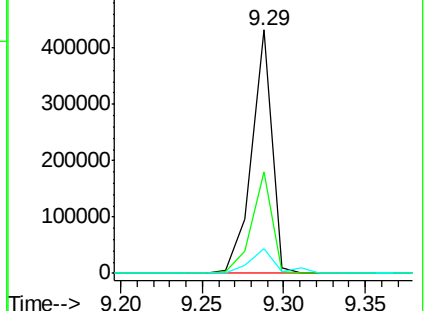
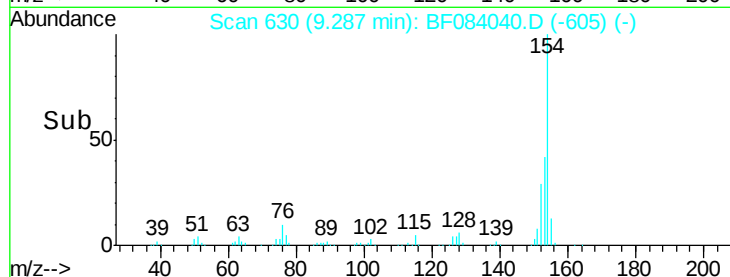
76 9.9 0.0 32.7



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



#46

2-Chloronaphthalene

Concen: 42.71 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

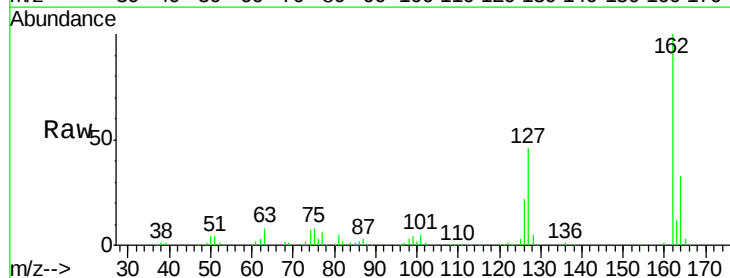
Tgt Ion:162 Resp: 265852

Ion Ratio Lower Upper

162 100

127 46.5 40.2 60.4

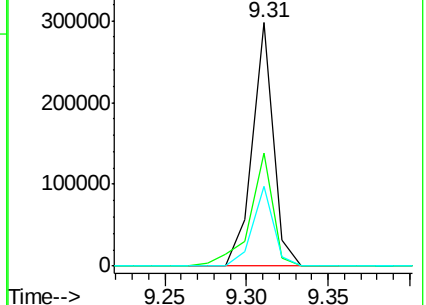
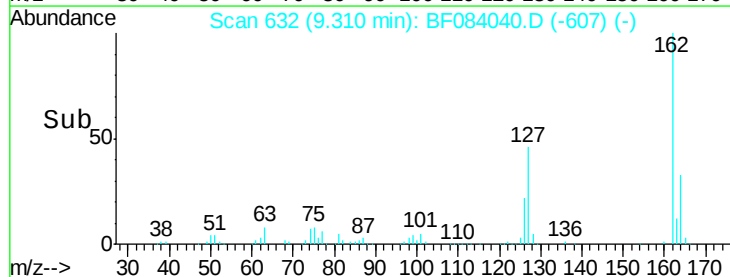
164 33.0 25.7 38.5

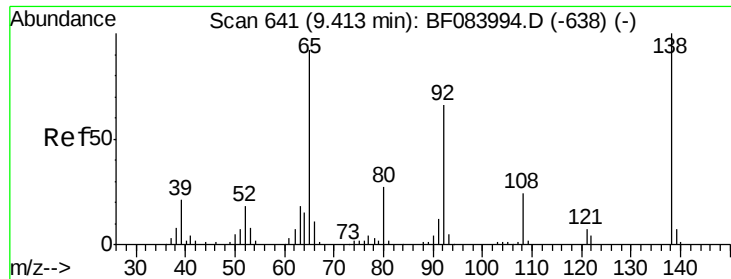


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

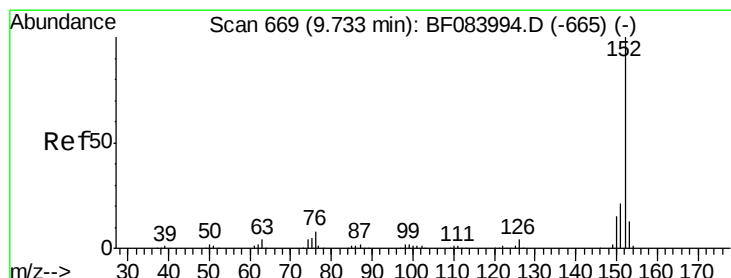
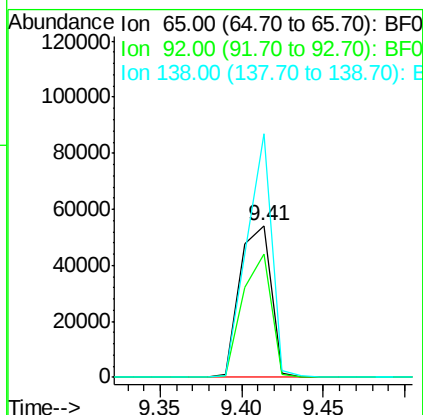
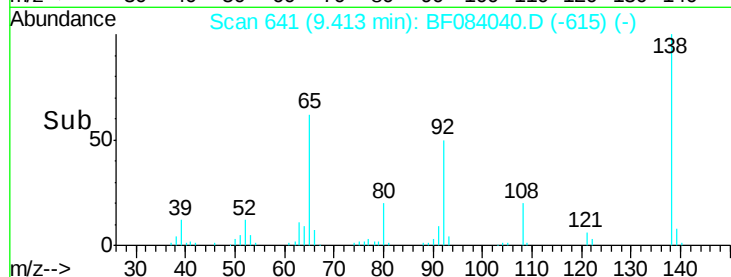
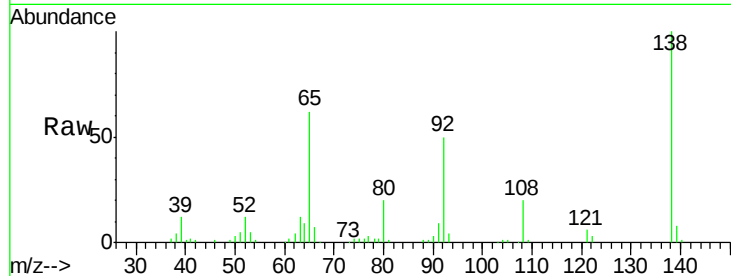




#47
2-Nitroaniline
Concen: 42.38 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF084040.D
Acq: 23 Dec 2015 18:16

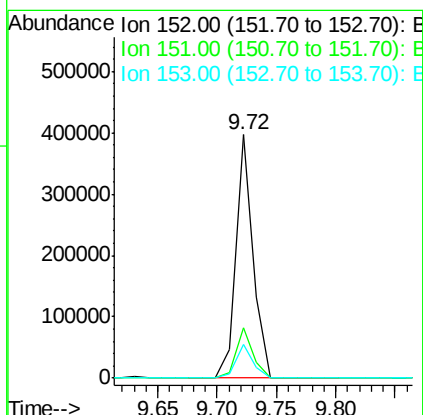
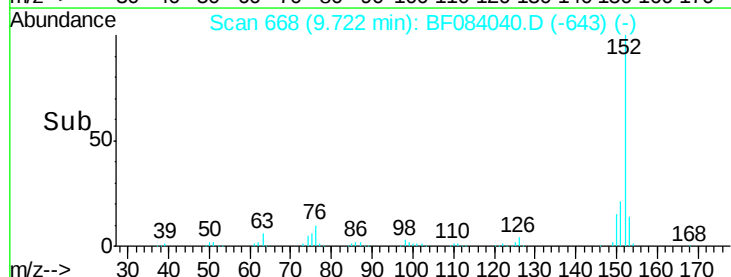
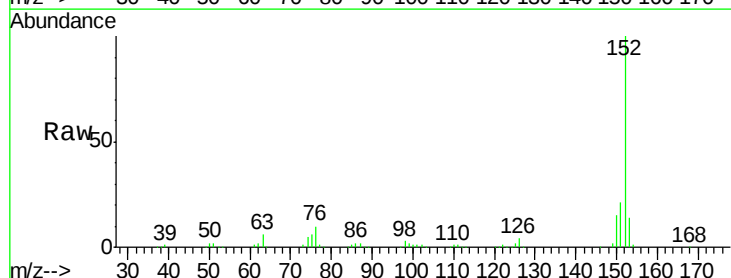
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

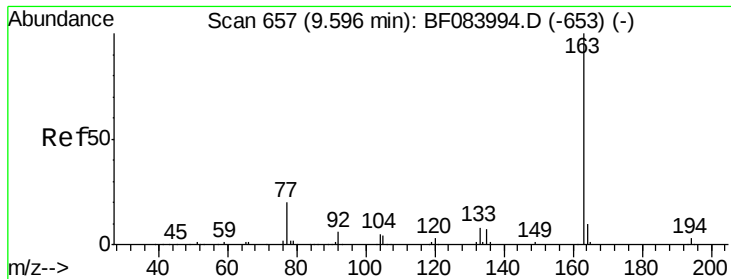
Tgt Ion: 65 Resp: 71905
Ion Ratio Lower Upper
65 100
92 80.9 53.4 80.2#
138 160.4 71.1 106.7#



#48
Acenaphthylene
Concen: 40.23 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF084040.D
Acq: 23 Dec 2015 18:16

Tgt Ion: 152 Resp: 396565
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 13.6 10.4 15.6

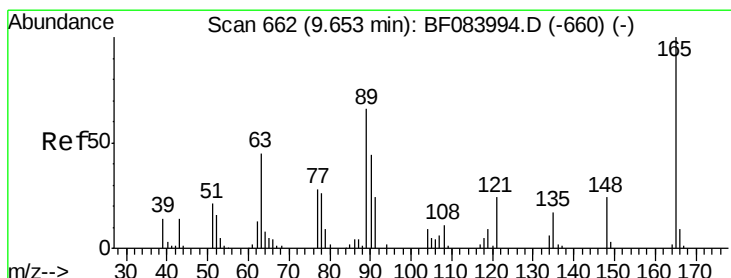
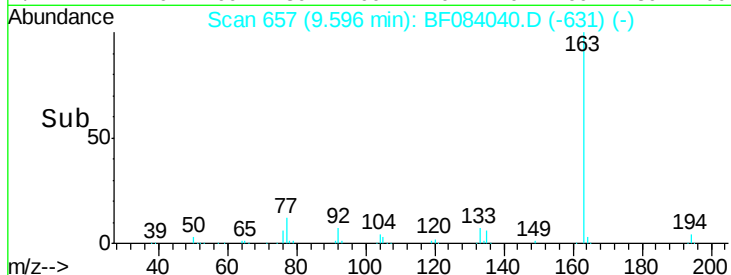
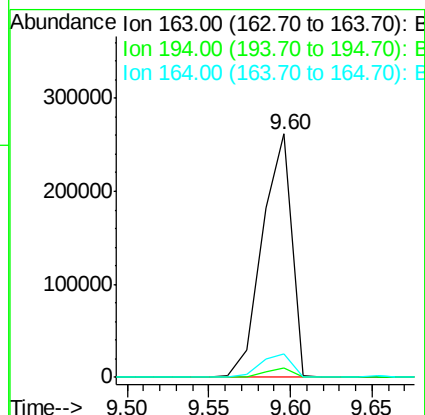
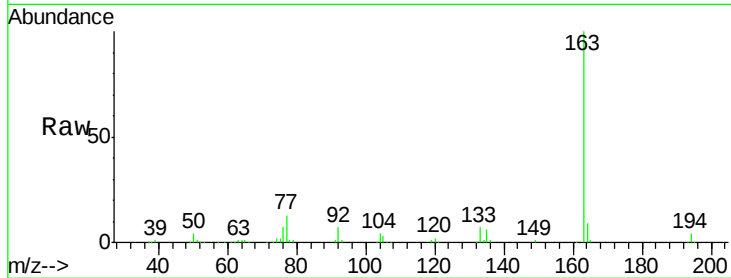




#49
Dimethylphthalate
Concen: 42.60 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF084040.D
Acq: 23 Dec 2015 18:16

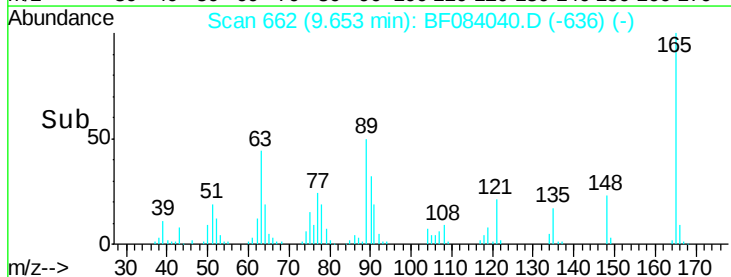
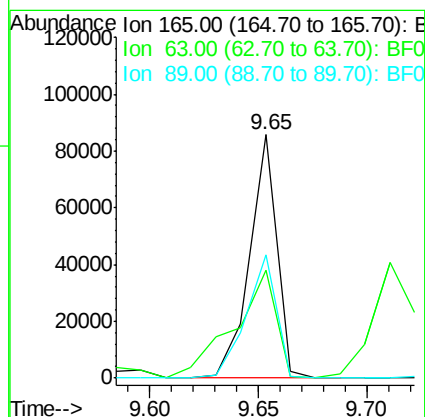
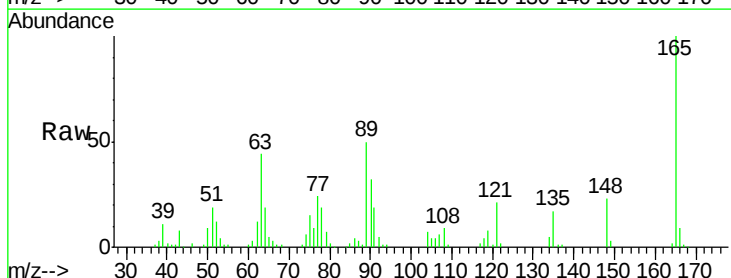
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

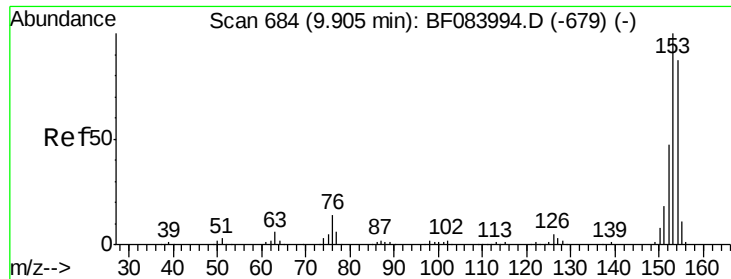
Tgt Ion:163 Resp: 325993
Ion Ratio Lower Upper
163 100
194 3.7 8.0 12.0#
164 9.5 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 45.88 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF084040.D
Acq: 23 Dec 2015 18:16

Tgt Ion:165 Resp: 74104
Ion Ratio Lower Upper
165 100
63 44.2 28.8 43.2#
89 50.5 35.1 52.7

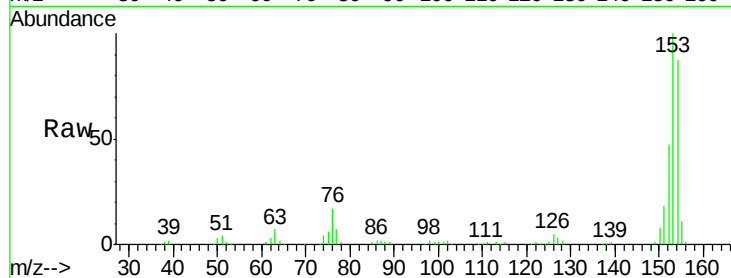




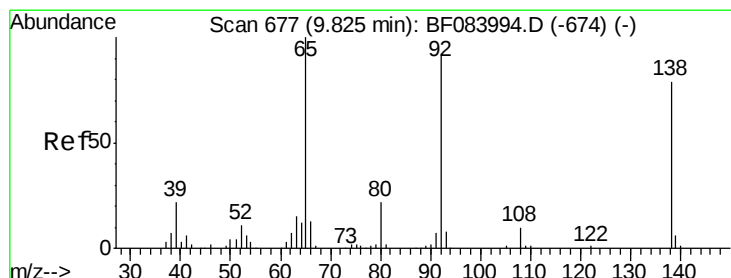
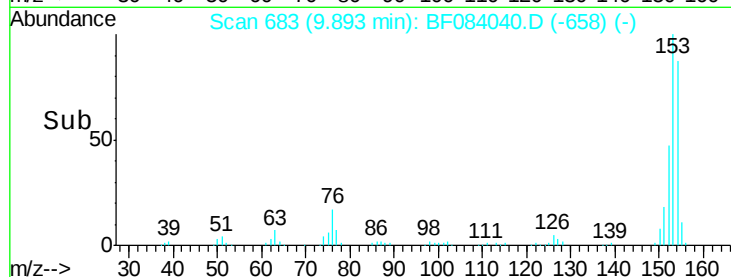
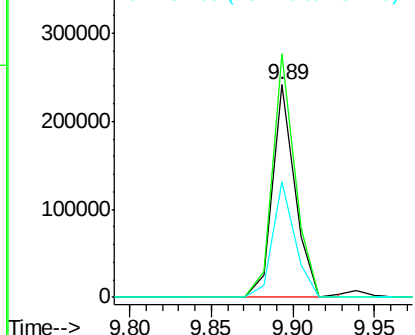
#51
Acenaphthene
Concen: 39.76 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF084040.D
Acq: 23 Dec 2015 18:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:154 Resp: 233031
Ion Ratio Lower Upper
154 100
153 114.7 91.5 137.3
152 54.4 43.0 64.6

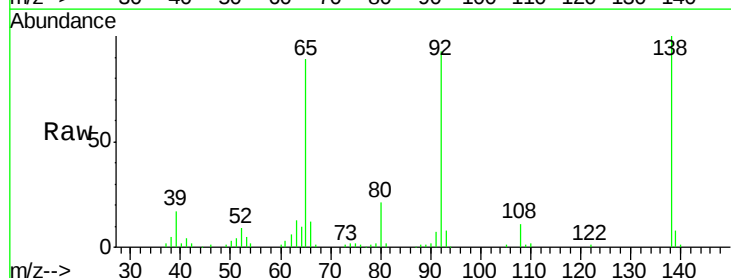


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

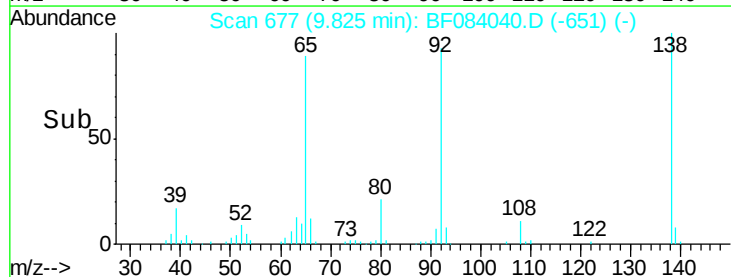
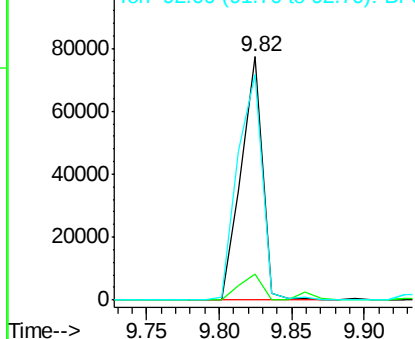


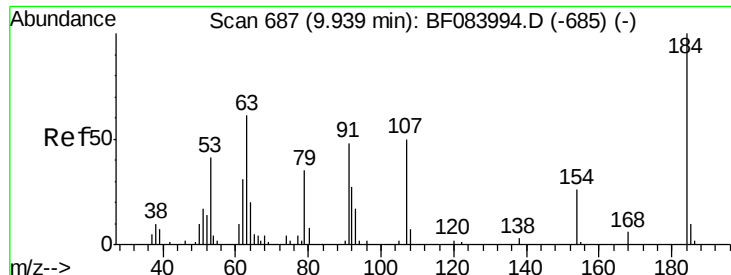
#52
3-Nitroaniline
Concen: 46.12 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF084040.D
Acq: 23 Dec 2015 18:16

Tgt Ion:138 Resp: 79125
Ion Ratio Lower Upper
138 100
108 10.8 10.5 15.7
92 92.9 103.9 155.9#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

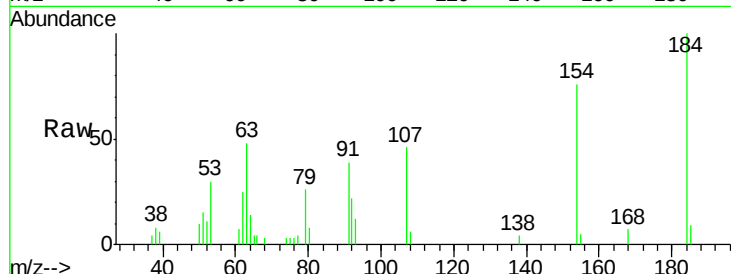




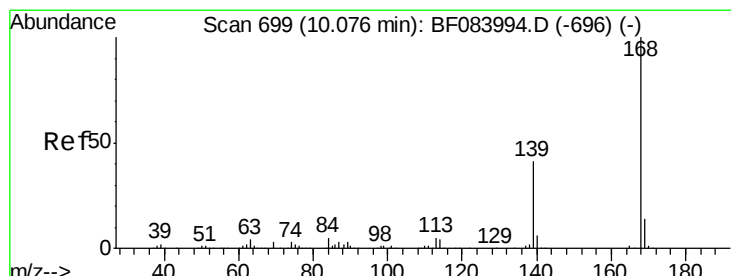
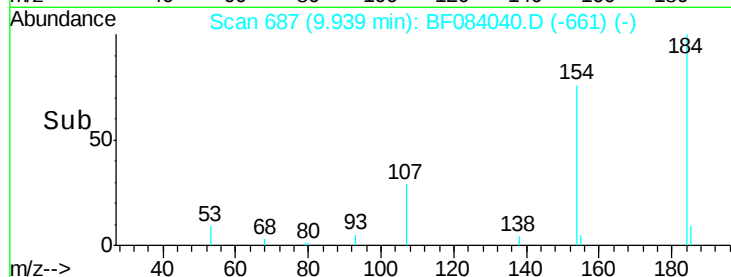
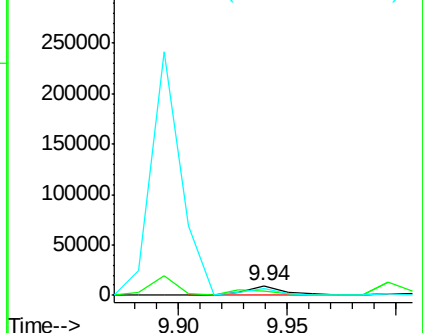
#53
 2,4-Dinitrophenol
 Concen: 22.97 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF084040.D
 Acq: 23 Dec 2015 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:184 Resp: 11496
 Ion Ratio Lower Upper
 184 100
 63 48.2 43.1 64.7
 154 76.2 60.5 90.7

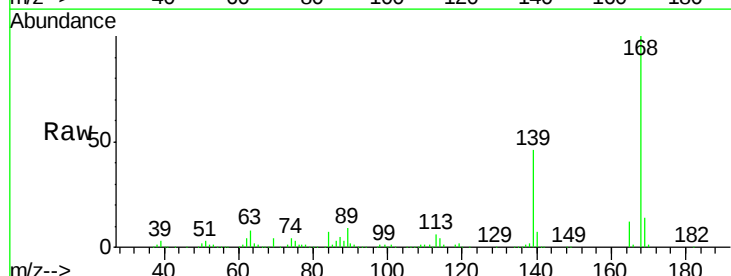


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

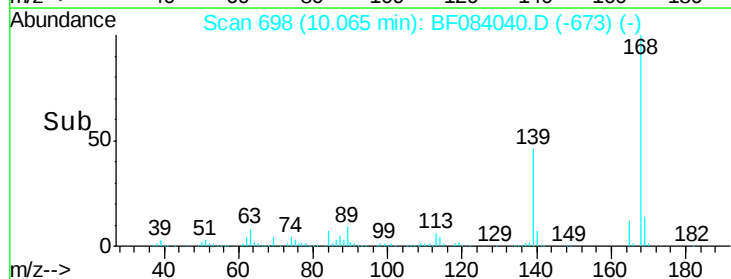
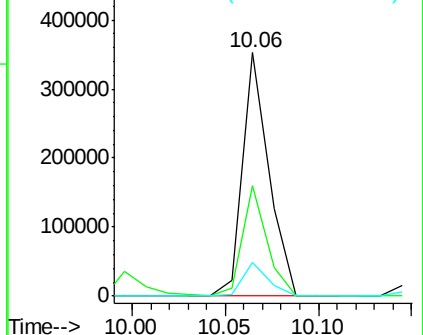


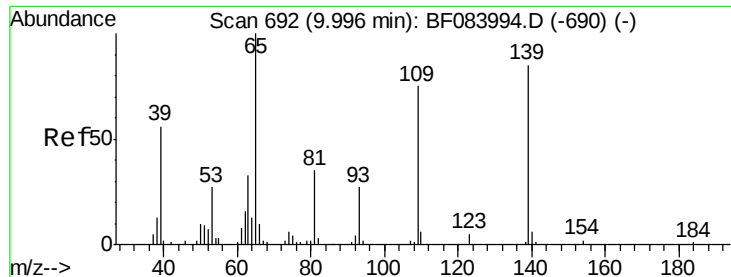
#54
 Dibenzofuran
 Concen: 39.28 ng
 RT: 10.06 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF084040.D
 Acq: 23 Dec 2015 18:16

Tgt Ion:168 Resp: 344621
 Ion Ratio Lower Upper
 168 100
 139 45.6 30.5 45.7
 169 13.8 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

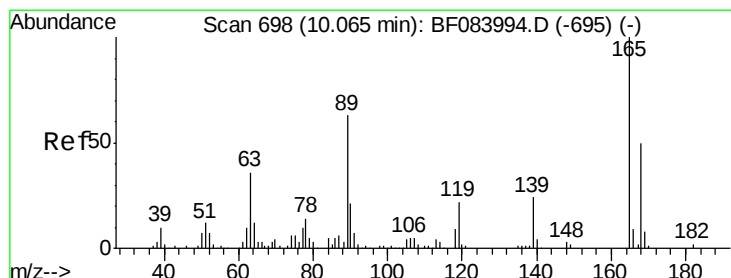
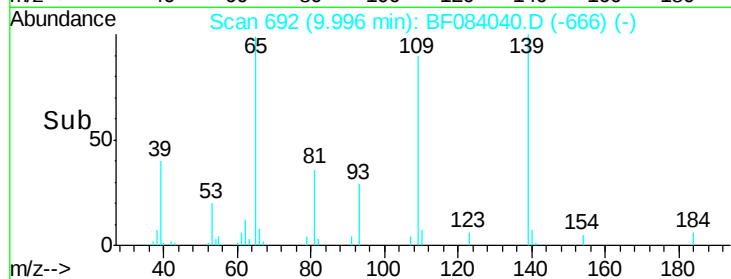
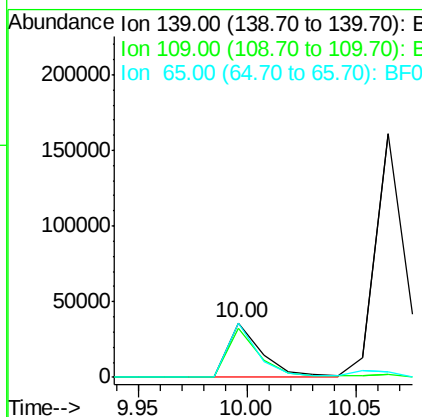
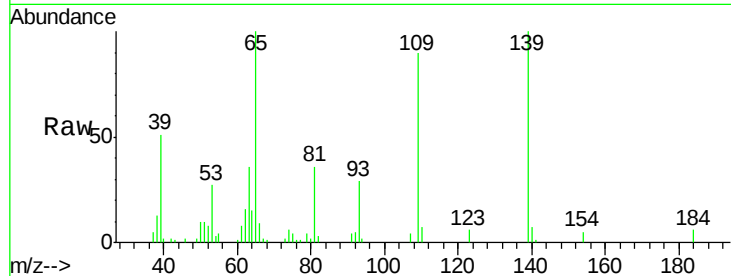




#55
4-Nitrophenol
Concen: 38.44 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF084040.D
Acq: 23 Dec 2015 18:16

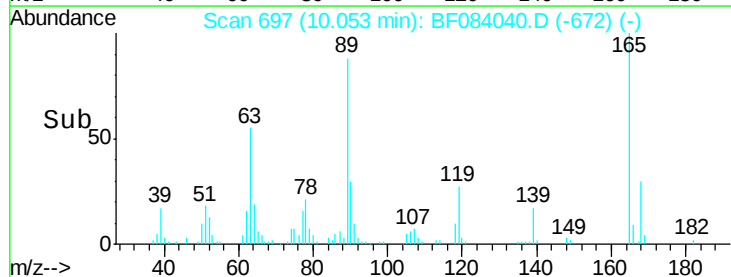
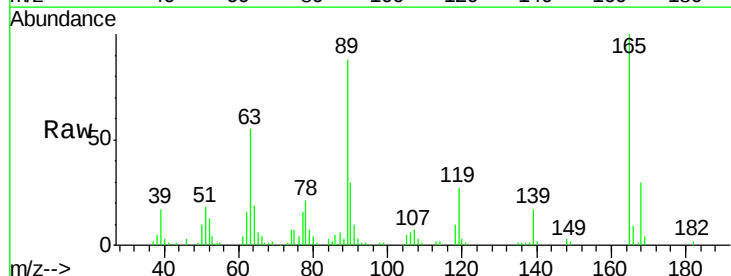
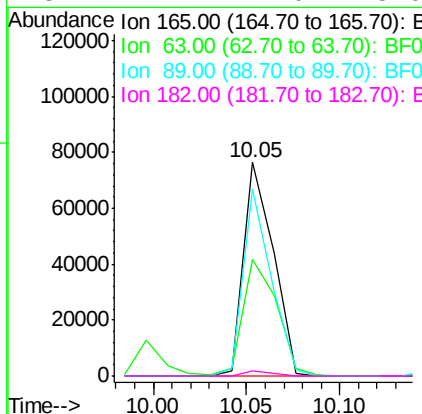
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

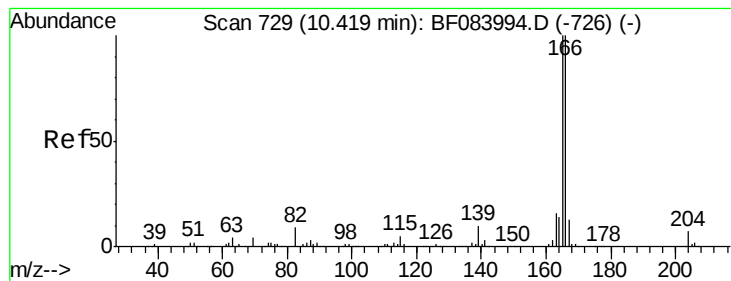
Tgt Ion:139 Resp: 38750
Ion Ratio Lower Upper
139 100
109 89.7 58.5 98.5
65 100.0 57.6 97.6#



#56
2,4-Dinitrotoluene
Concen: 41.48 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF084040.D
Acq: 23 Dec 2015 18:16

Tgt Ion:165 Resp: 84219
Ion Ratio Lower Upper
165 100
63 54.7 36.7 55.1
89 87.8 61.9 92.9
182 2.4 2.0 3.0





#57

Fluorene

Concen: 39.67 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

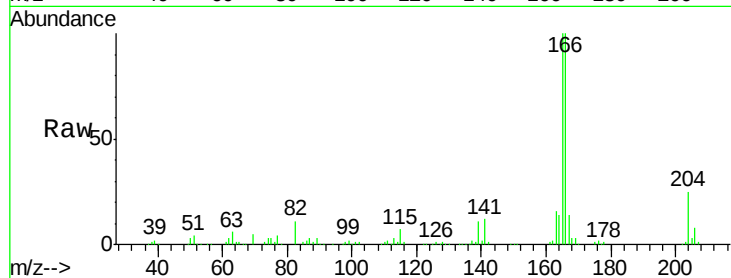
Tgt Ion:166 Resp: 275708

Ion Ratio Lower Upper

166 100

165 100.3 79.1 118.7

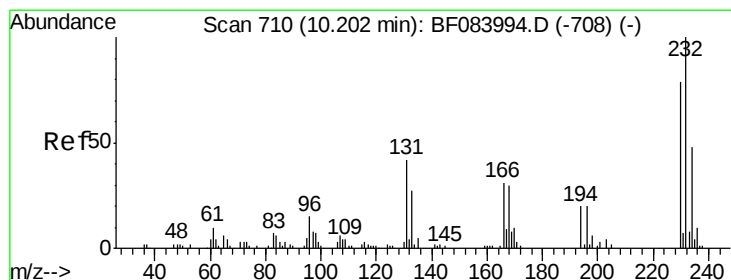
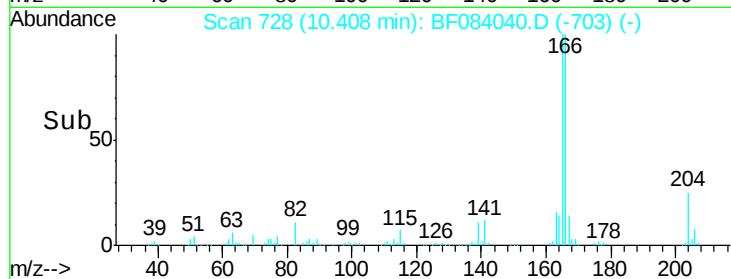
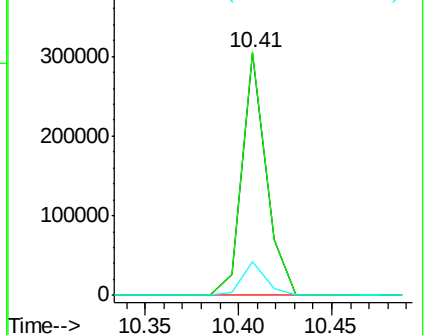
167 14.0 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.61 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

Tgt Ion:232 Resp: 64812

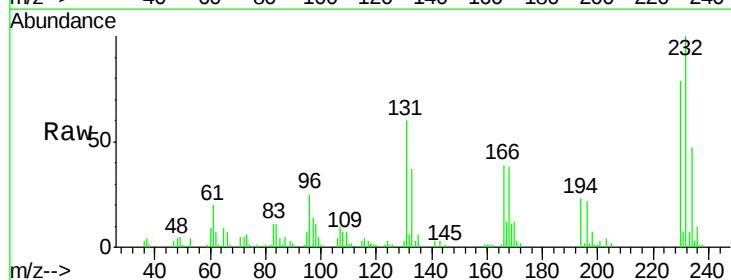
Ion Ratio Lower Upper

232 100

131 55.6 47.0 70.6

130 2.4 2.0 3.0

166 35.9 30.5 45.7

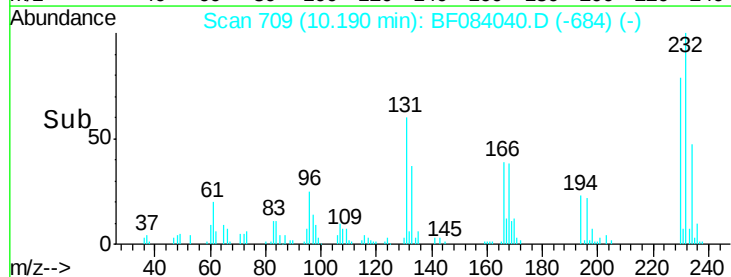
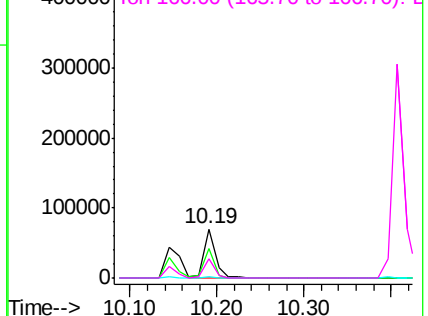


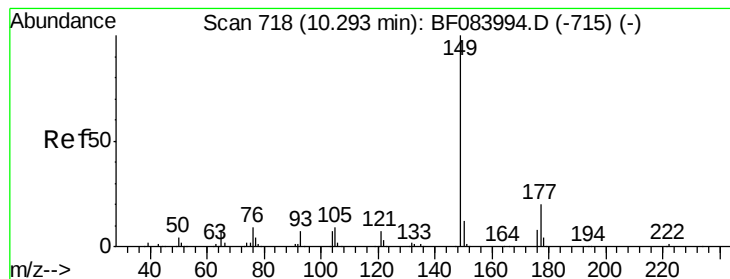
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.31 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

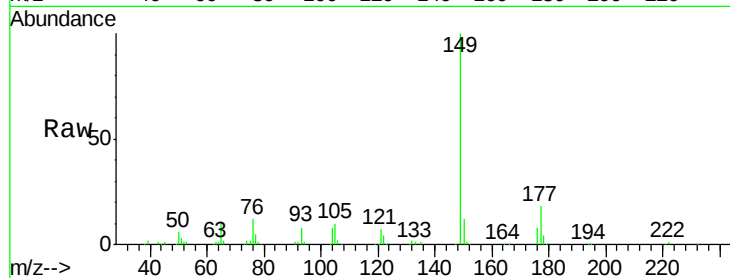
Tgt Ion:149 Resp: 310748

Ion Ratio Lower Upper

149 100

177 18.5 17.3 25.9

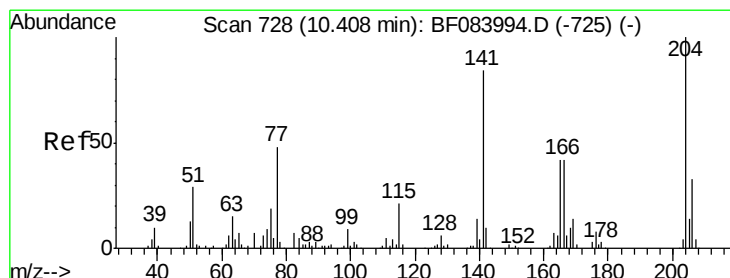
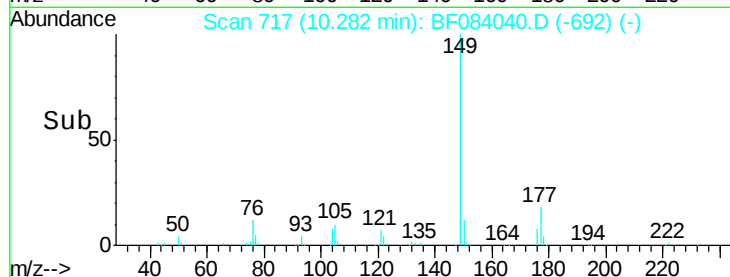
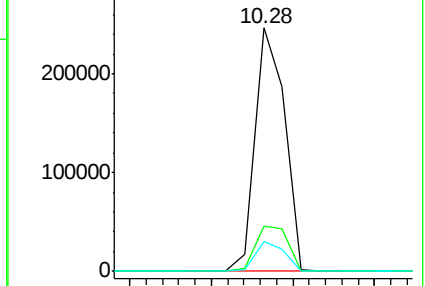
150 12.5 9.8 14.8



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: 39.32 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

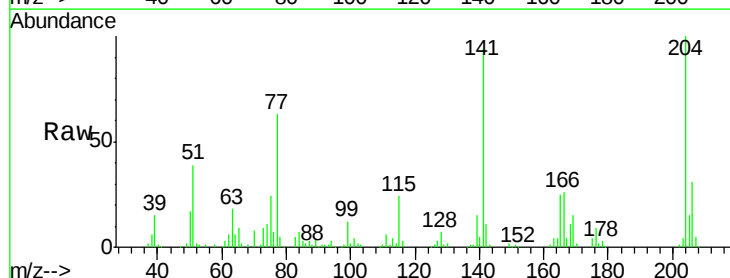
Tgt Ion:204 Resp: 125232

Ion Ratio Lower Upper

204 100

206 31.1 25.7 38.5

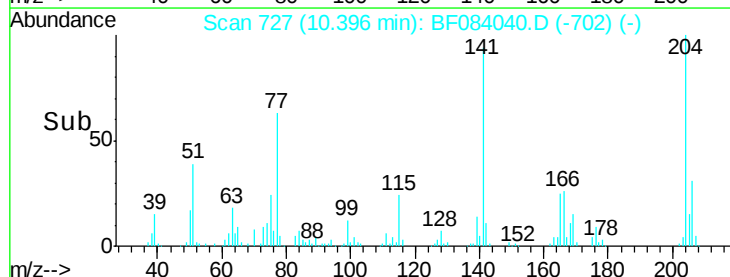
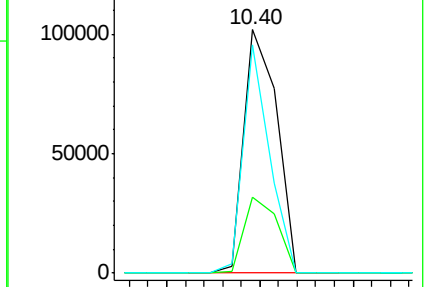
141 94.0 55.1 82.7#

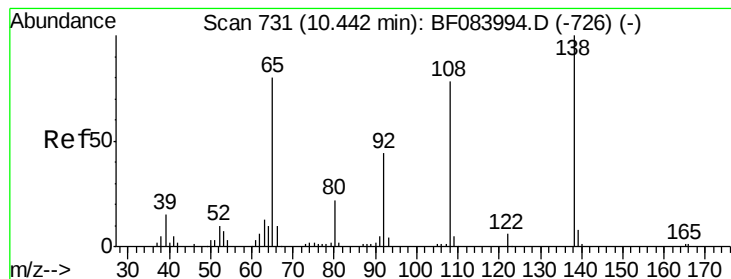


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.77 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

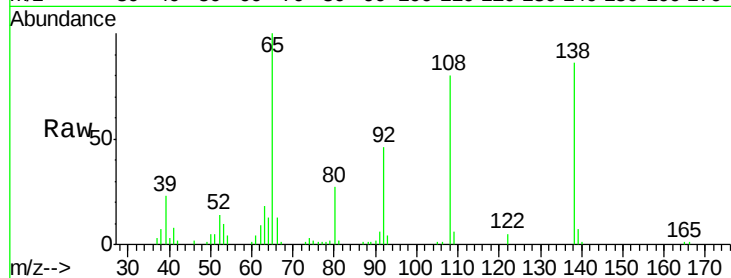
Tgt Ion:138 Resp: 68038

Ion Ratio Lower Upper

138 100

92 53.4 32.6 72.6

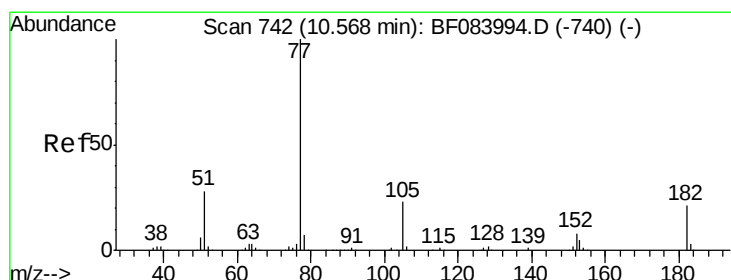
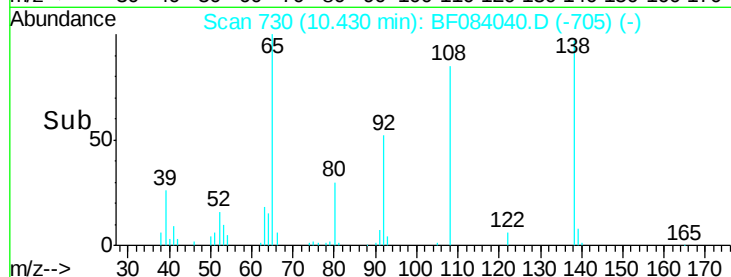
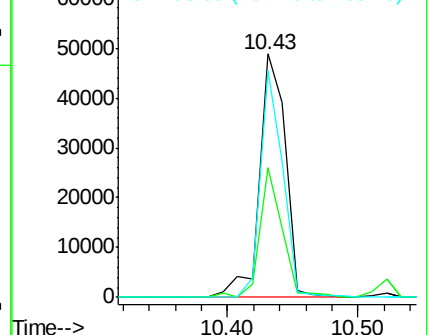
108 93.4 68.6 108.6



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: 43.16 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

Tgt Ion: 77 Resp: 286629

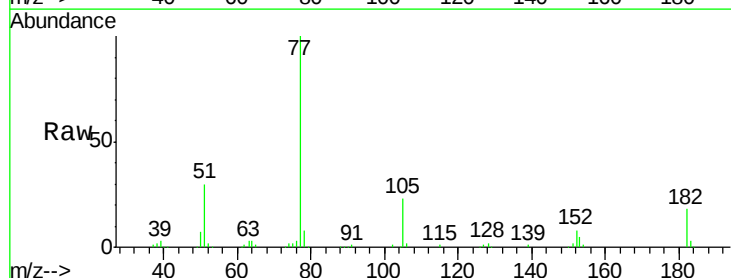
Ion Ratio Lower Upper

77 100

182 18.1 8.3 48.3

105 22.5 4.6 44.6

51 30.1 6.2 46.2

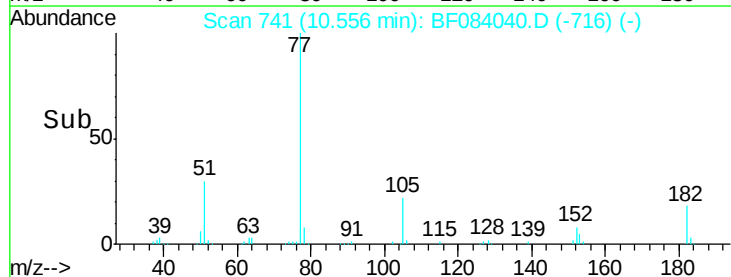
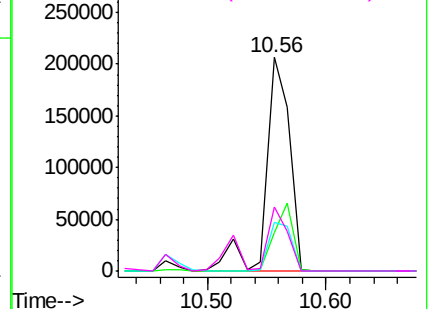


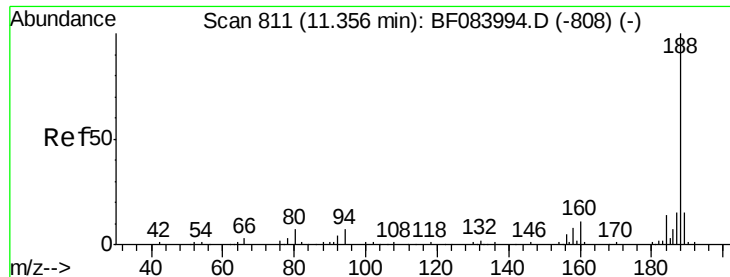
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

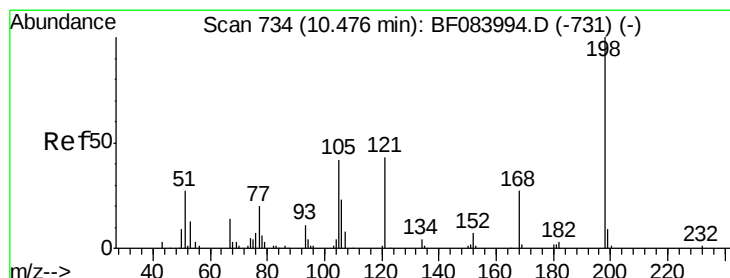
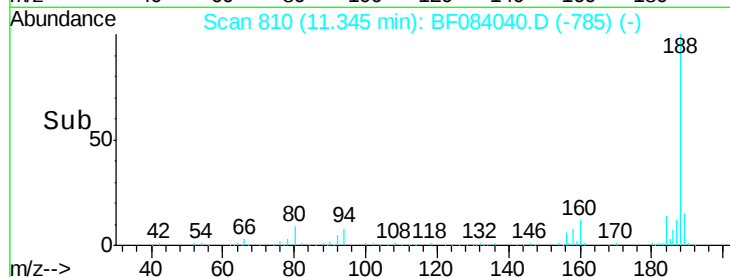
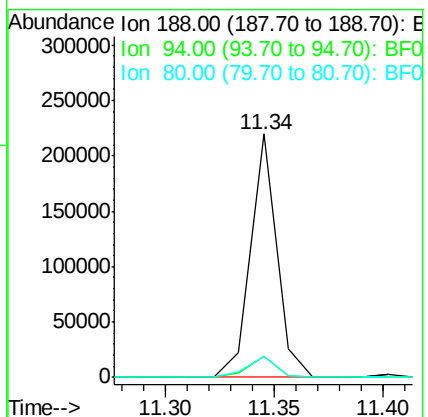
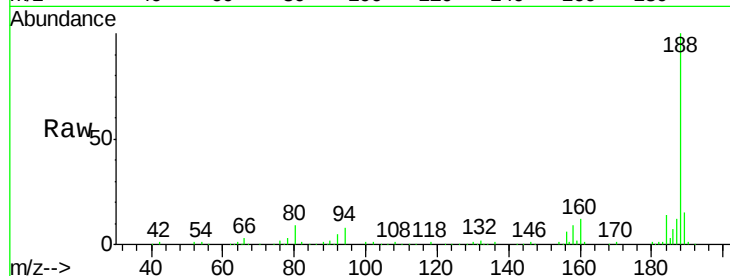




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF084040.D
Acq: 23 Dec 2015 18:16

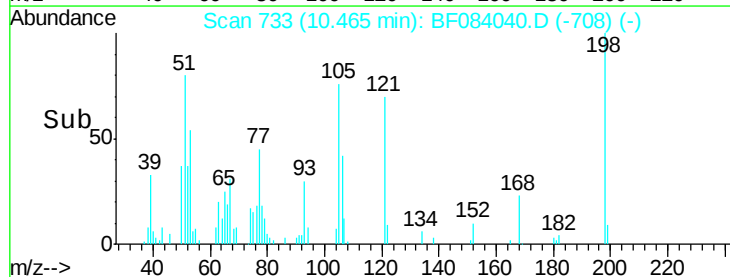
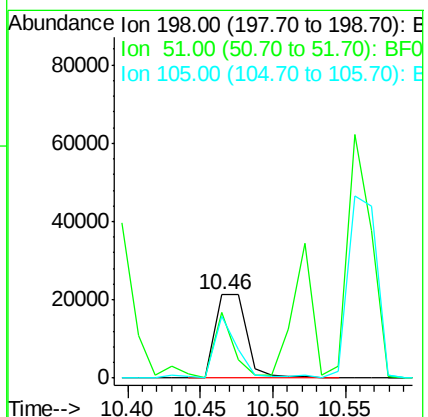
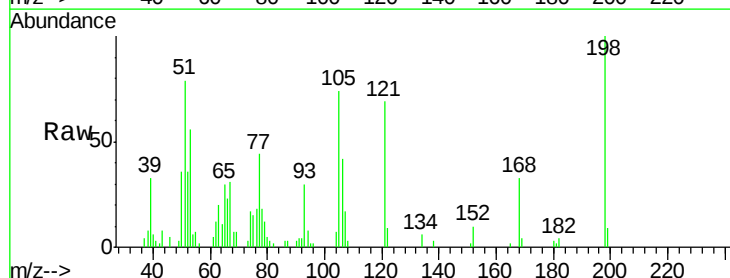
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

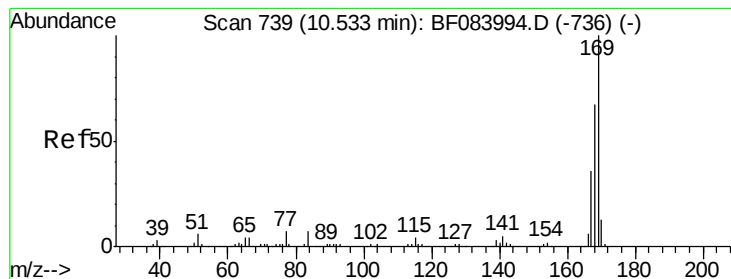
Tgt Ion:188 Resp: 183604
Ion Ratio Lower Upper
188 100
94 8.5 9.0 13.4#
80 8.8 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 29.50 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF084040.D
Acq: 23 Dec 2015 18:16

Tgt Ion:198 Resp: 31660
Ion Ratio Lower Upper
198 100
51 78.6 18.9 58.9#
105 74.4 26.4 66.4#





#65

n-Nitrosodiphenylamine

Concen: 38.75 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

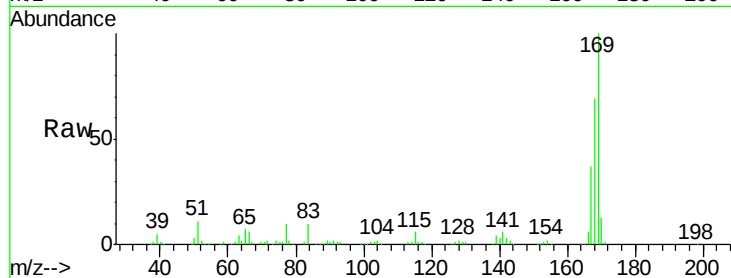
Tgt Ion:169 Resp: 262758

Ion Ratio Lower Upper

169 100

168 69.0 55.1 82.7

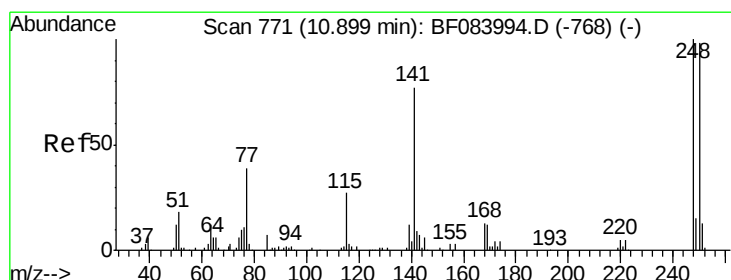
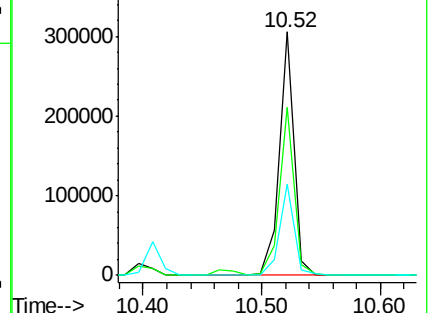
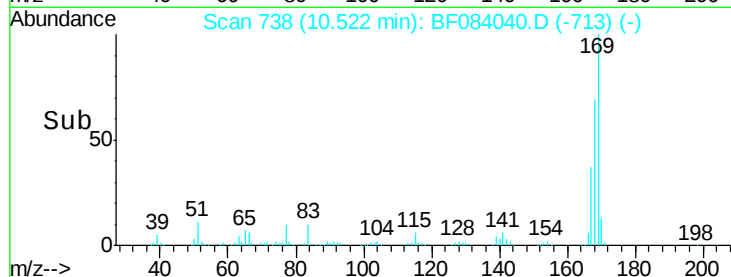
167 37.3 30.0 45.0



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: 37.95 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

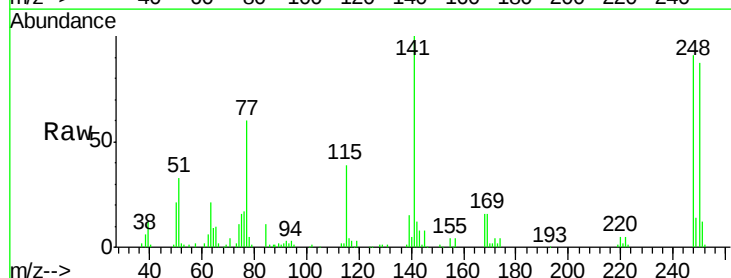
Tgt Ion:248 Resp: 79904

Ion Ratio Lower Upper

248 100

250 95.3 78.4 117.6

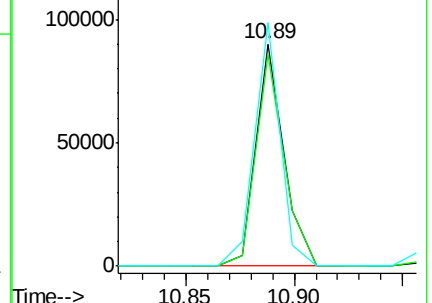
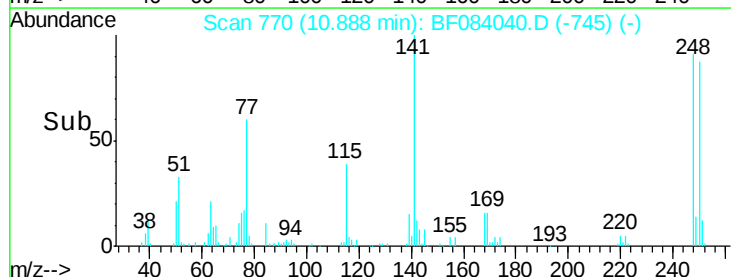
141 109.8 44.0 66.0#

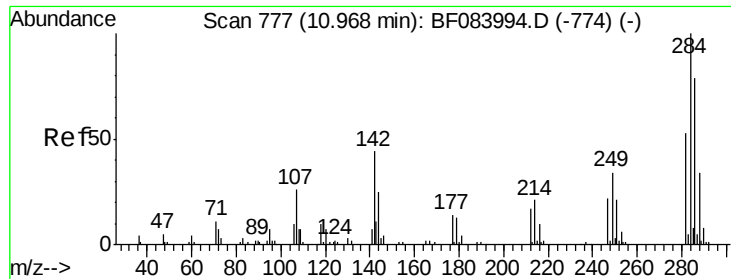


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

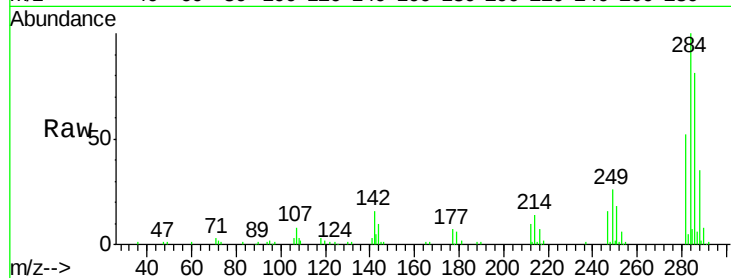




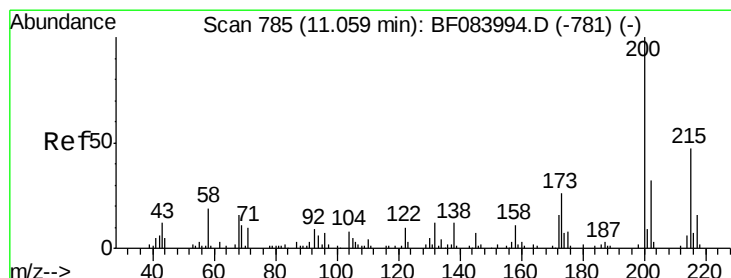
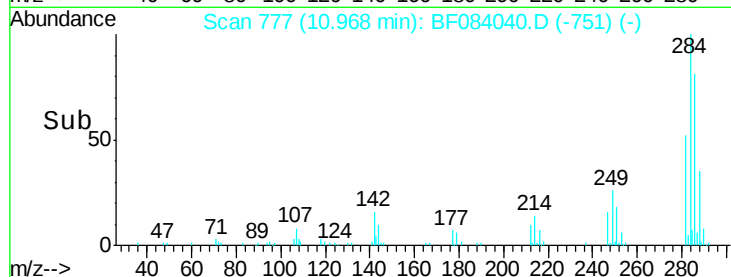
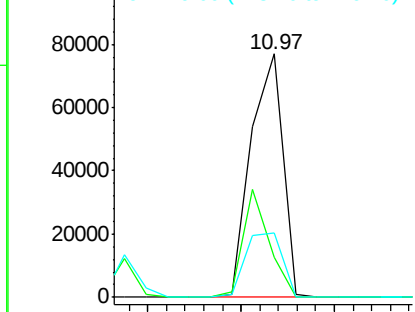
#67
Hexachlorobenzene
Concen: 39.65 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF084040.D
Acq: 23 Dec 2015 18:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 91126
Ion Ratio Lower Upper
284 100
142 16.5 22.2 33.4#
249 26.5 24.6 37.0

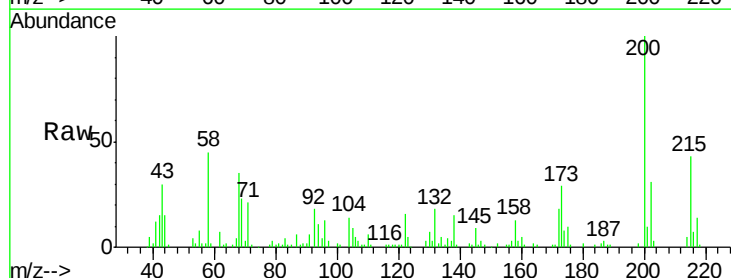


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

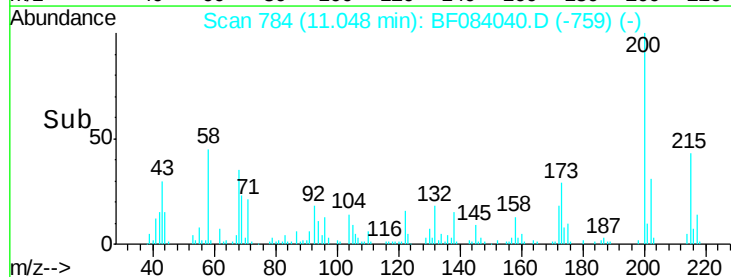
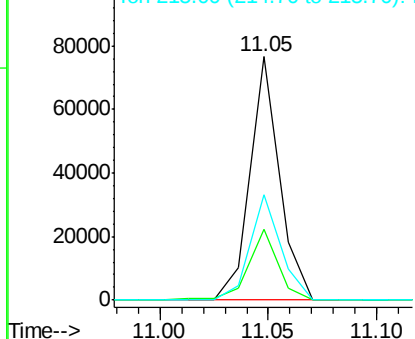


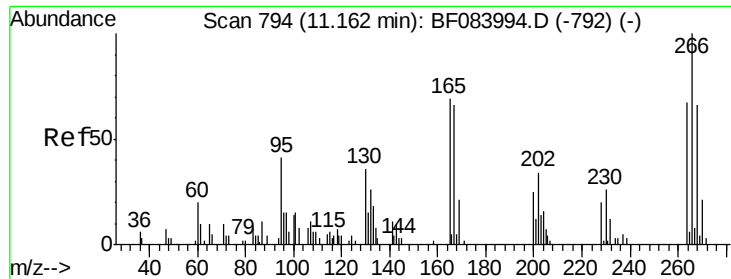
#68
Atrazine
Concen: 35.17 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF084040.D
Acq: 23 Dec 2015 18:16

Tgt Ion:200 Resp: 72105
Ion Ratio Lower Upper
200 100
173 29.3 9.5 49.5
215 43.5 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

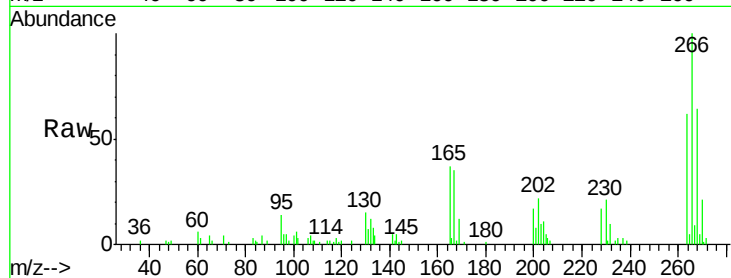




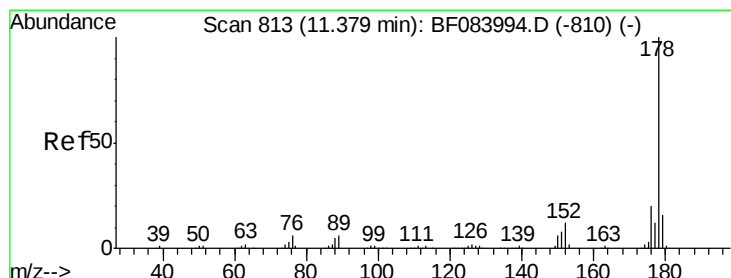
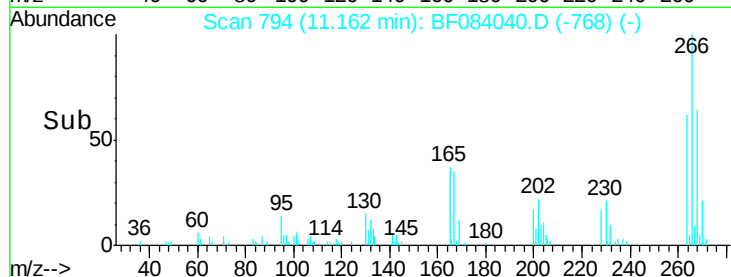
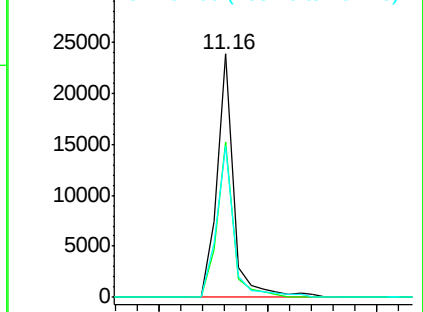
#69
 Pentachlorophenol
 Concen: 35.09 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF084040.D
 Acq: 23 Dec 2015 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 25935
 Ion Ratio Lower Upper
 266 100
 268 63.7 52.4 78.6
 264 62.4 50.2 75.2

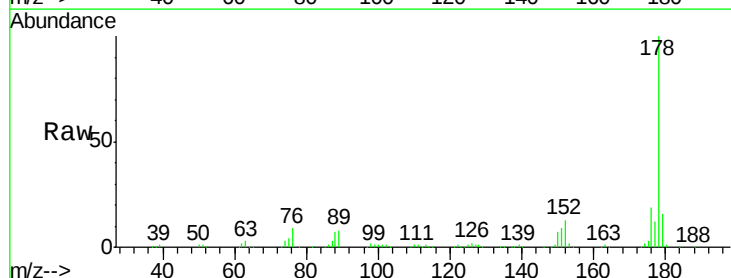


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

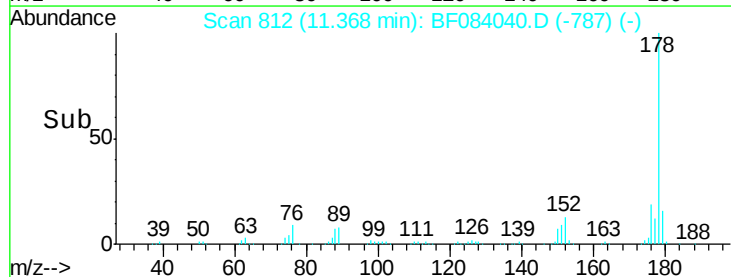
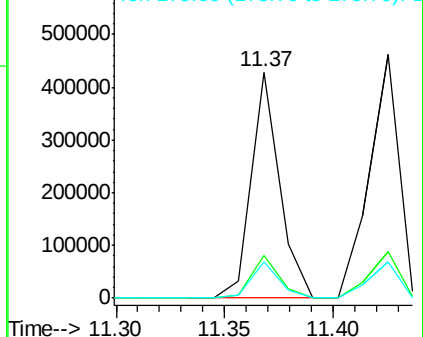


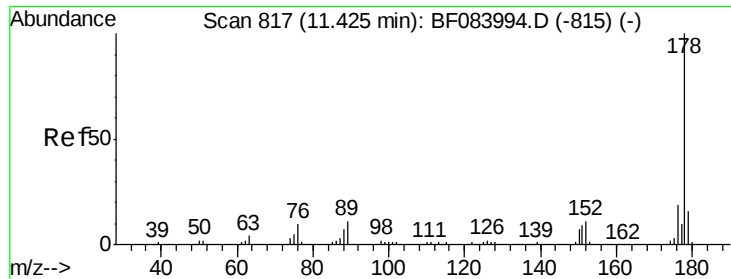
#70
 Phenanthrene
 Concen: 37.52 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF084040.D
 Acq: 23 Dec 2015 18:16

Tgt Ion:178 Resp: 389357
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.3 22.9
 179 15.9 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

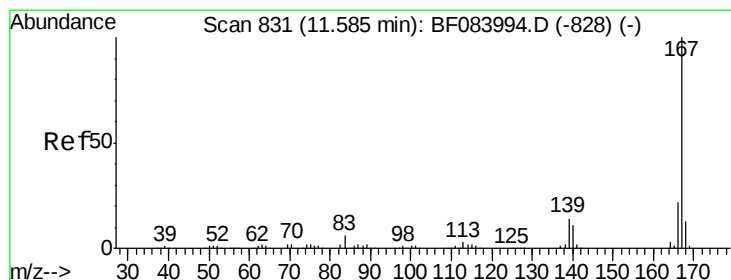
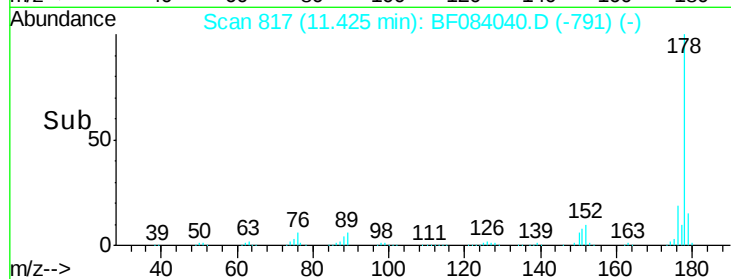
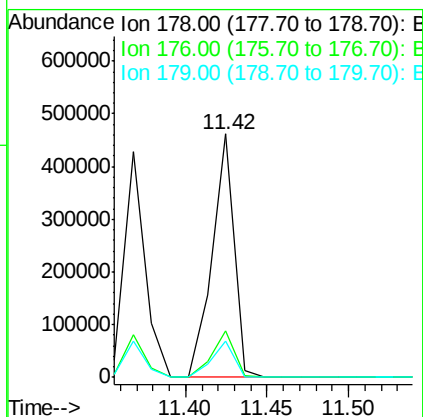
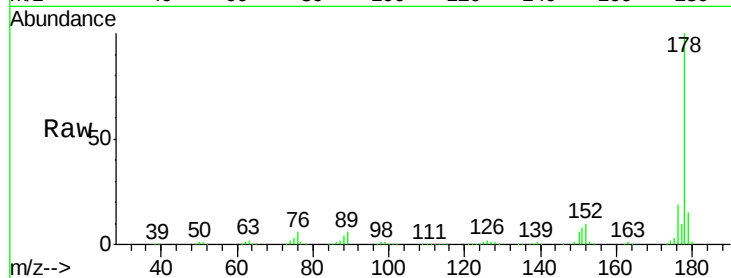




#71
 Anthracene
 Concen: 41.27 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF084040.D
 Acq: 23 Dec 2015 18:16

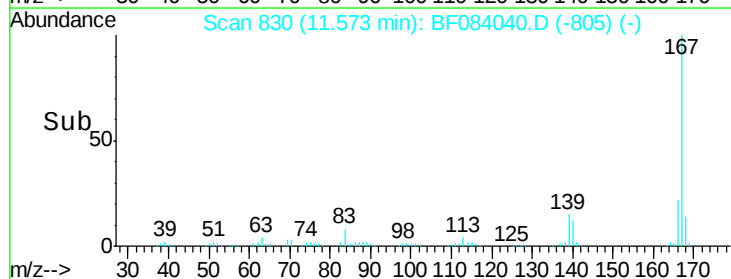
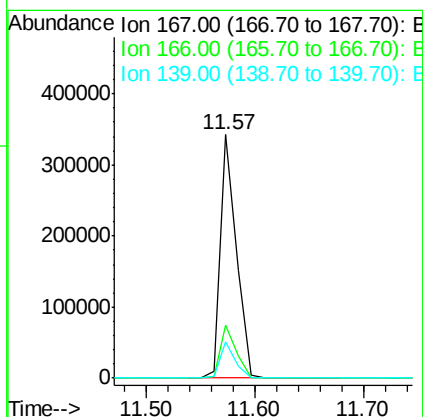
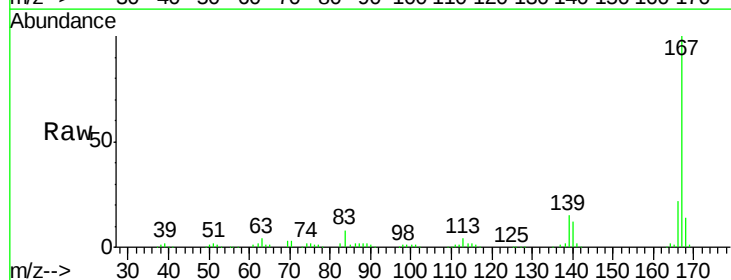
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

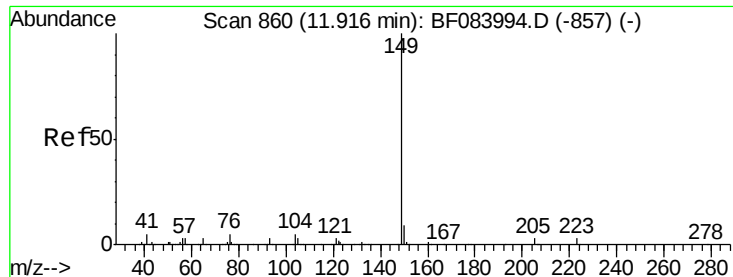
Tgt Ion:178 Resp: 434962
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.0
 179 15.1 12.5 18.7



#72
 Carbazole
 Concen: 35.54 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF084040.D
 Acq: 23 Dec 2015 18:16

Tgt Ion:167 Resp: 350168
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 14.9 11.8 17.8





#73

Di-n-butylphthalate

Concen: 38.32 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

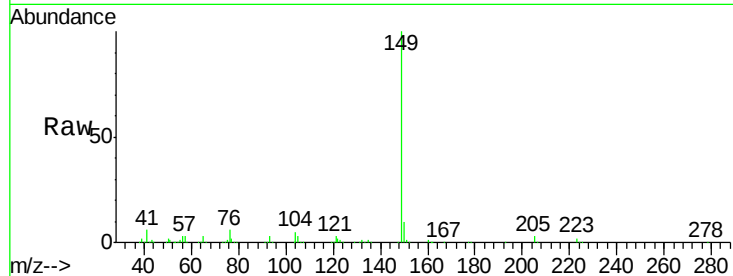
Tgt Ion:149 Resp: 468879

Ion Ratio Lower Upper

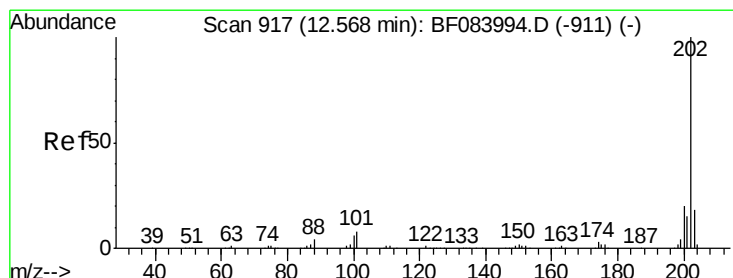
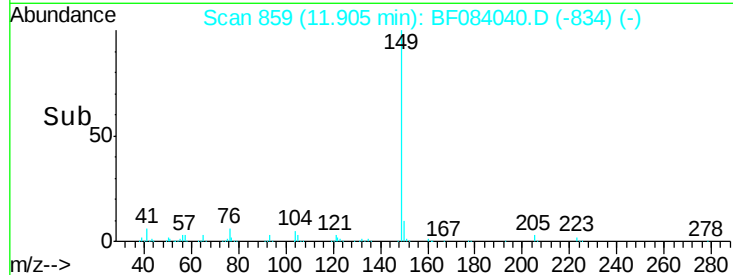
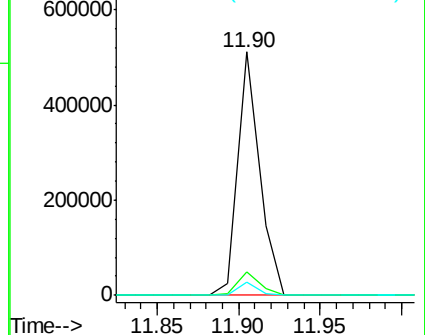
149 100

150 9.5 7.1 10.7

104 5.5 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: 39.21 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

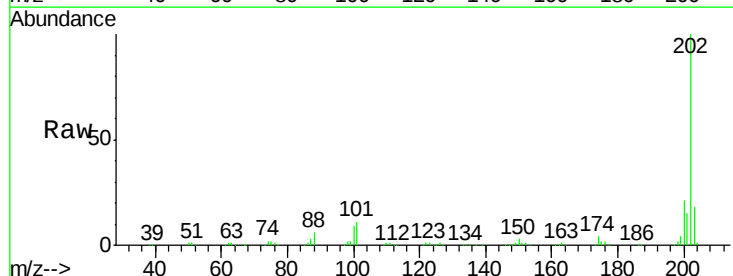
Tgt Ion:202 Resp: 403501

Ion Ratio Lower Upper

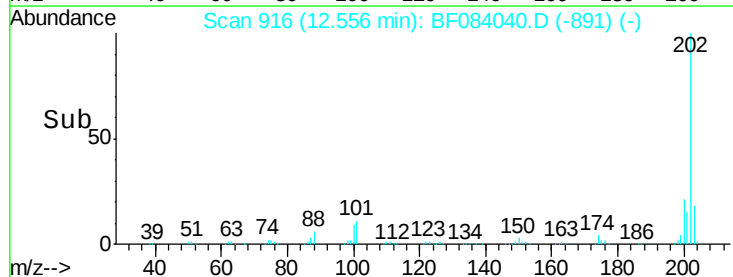
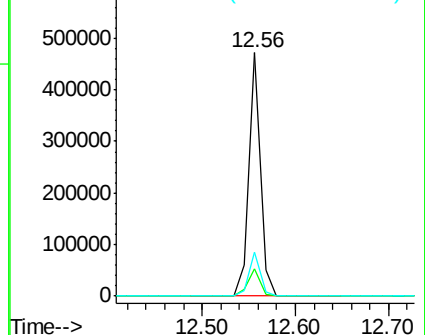
202 100

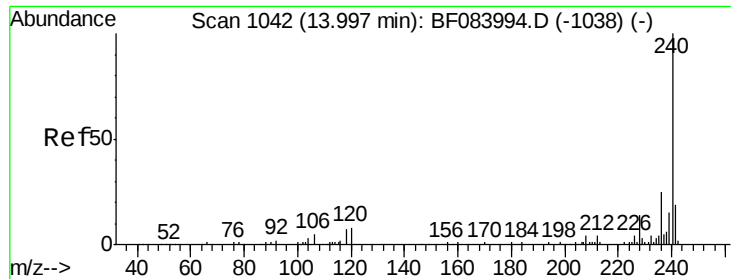
101 11.1 0.0 32.8

203 18.1 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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

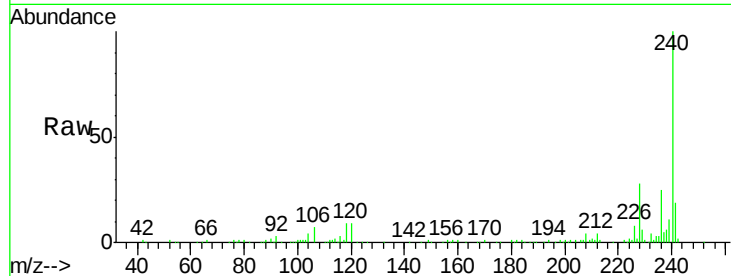
Tgt Ion:240 Resp: 133050

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

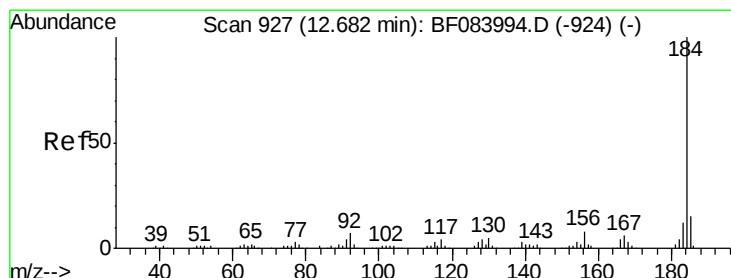
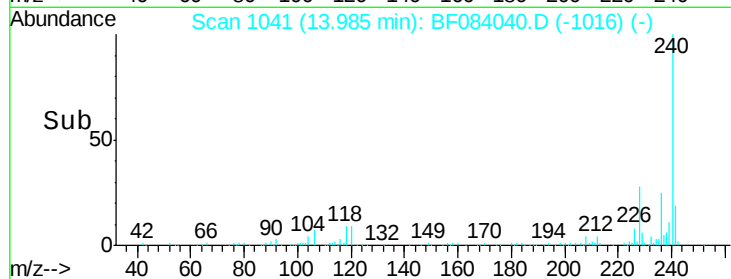
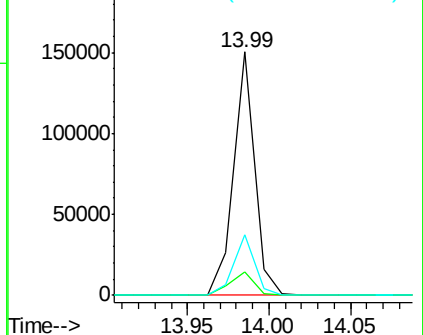
236 24.6 20.6 31.0



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: 32.27 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

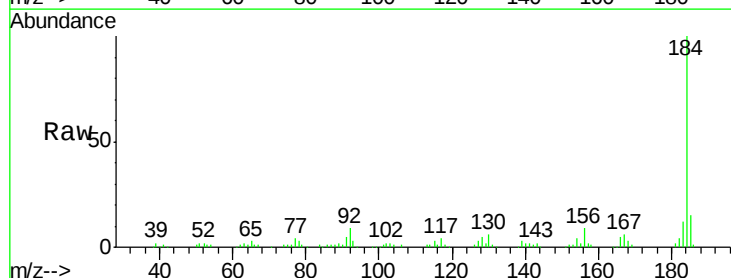
Tgt Ion:184 Resp: 153131

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.2

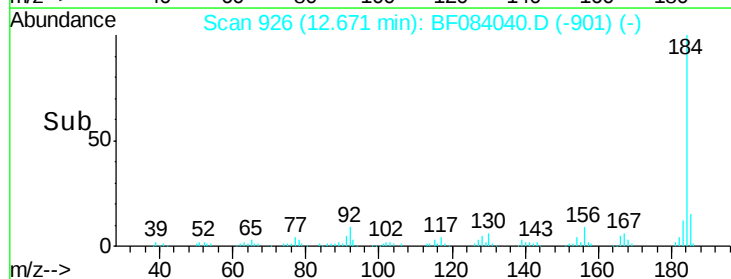
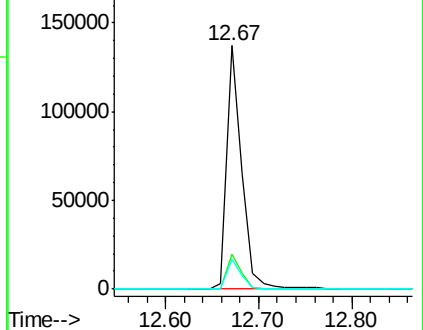
183 12.4 9.8 14.8

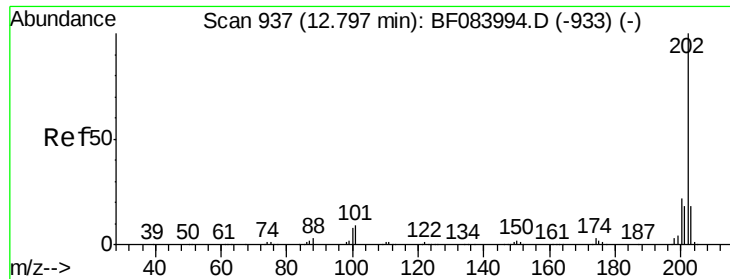


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

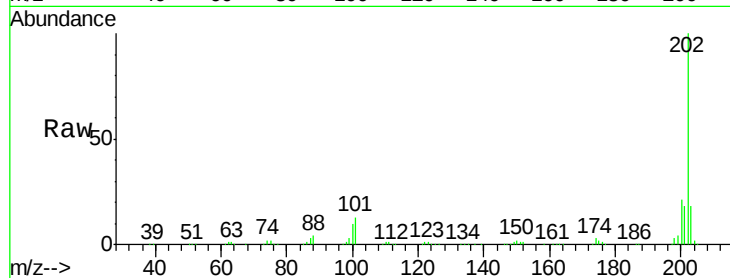




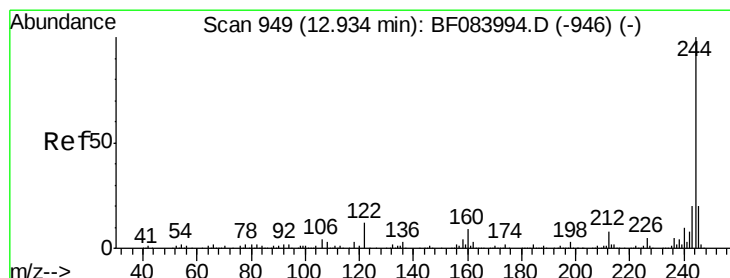
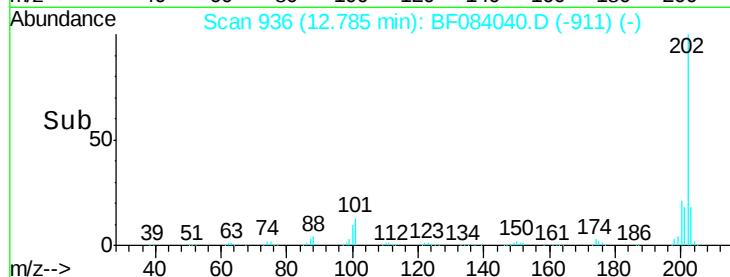
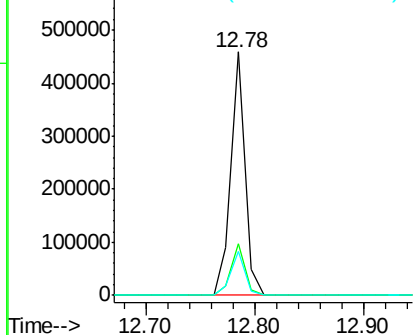
#77
 Pyrene
 Concen: 45.70 ng
 RT: 12.78 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF084040.D
 Acq: 23 Dec 2015 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.2	25.8
203	17.8	14.3	21.5

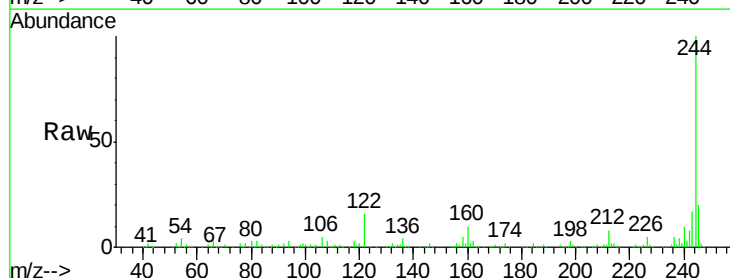


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

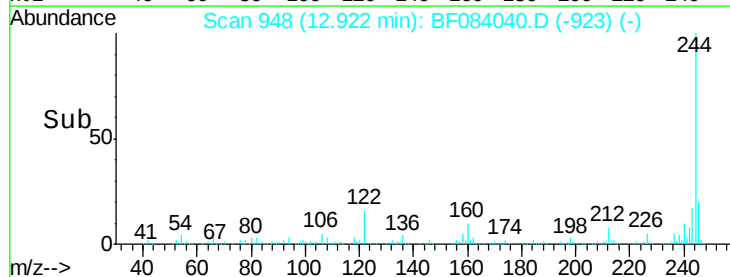
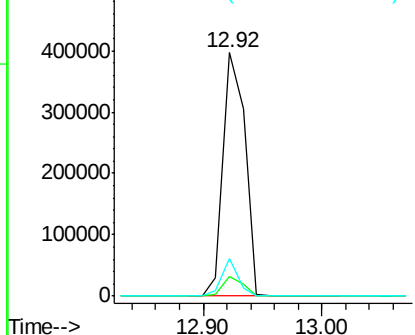


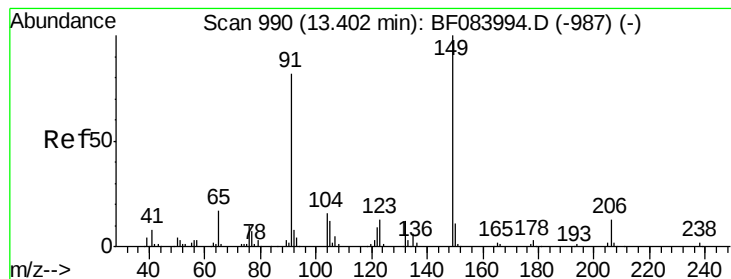
#78
 Terphenyl-d14
 Concen: 90.59 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF084040.D
 Acq: 23 Dec 2015 18:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	15.6	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: 48.69 ng

RT: 13.40 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

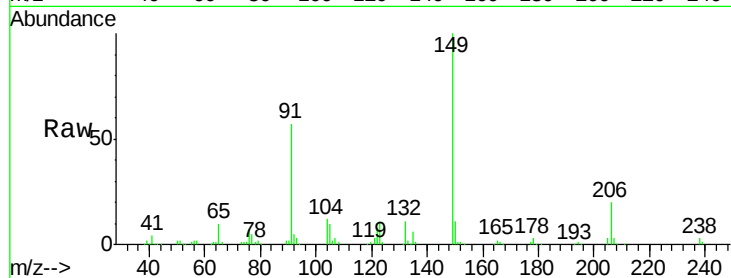
Tgt Ion:149 Resp: 202139

Ion Ratio Lower Upper

149 100

91 57.0 57.6 86.4#

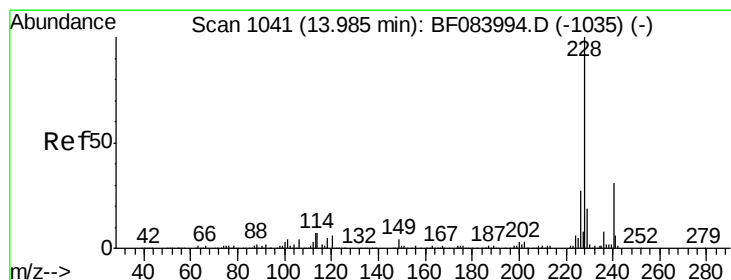
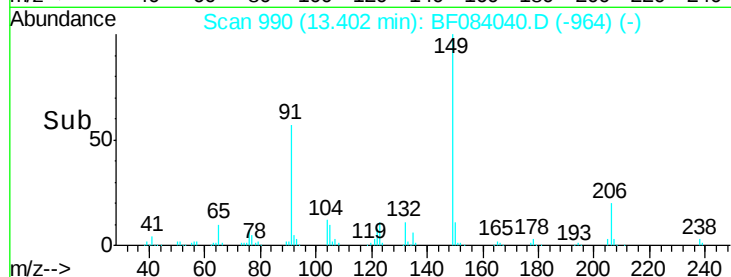
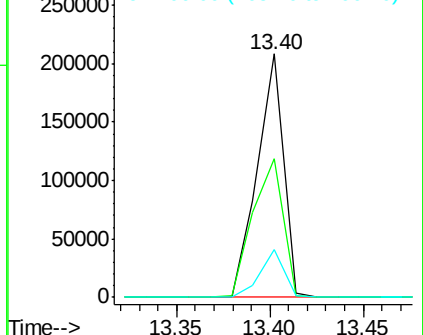
206 19.8 13.2 19.8#



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: 41.43 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

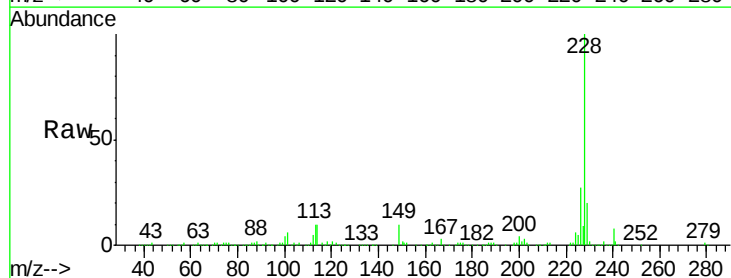
Tgt Ion:228 Resp: 317860

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.6

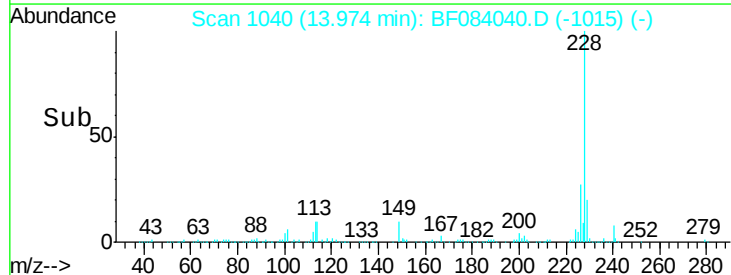
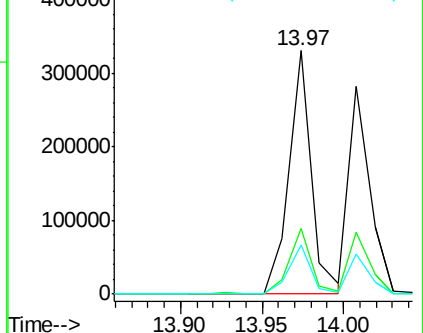
229 19.9 15.8 23.8

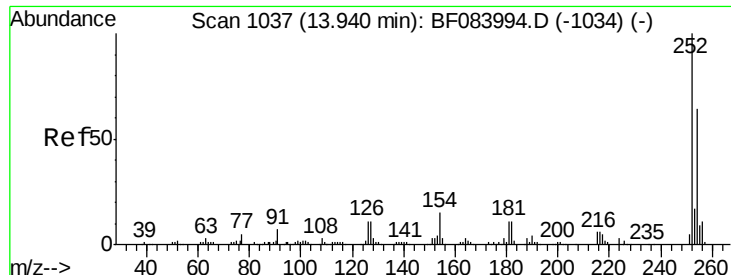


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

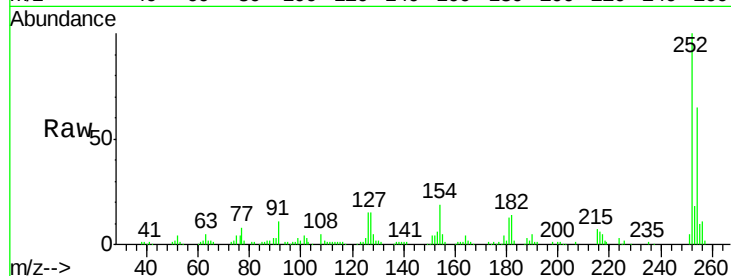




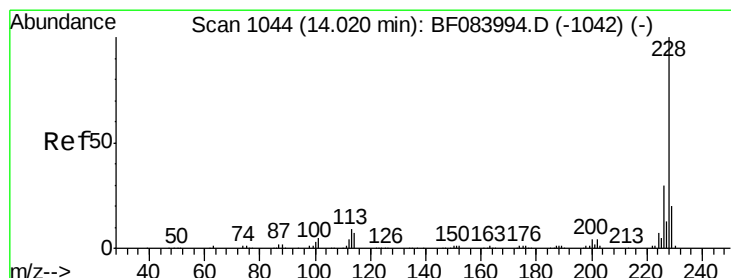
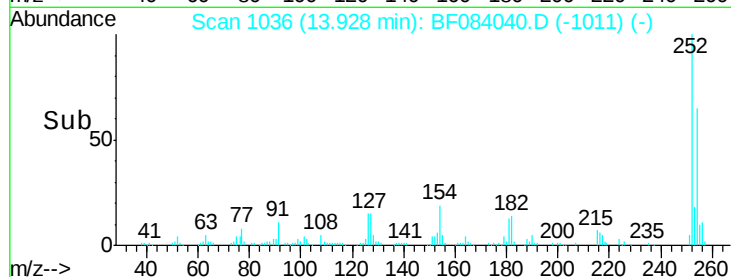
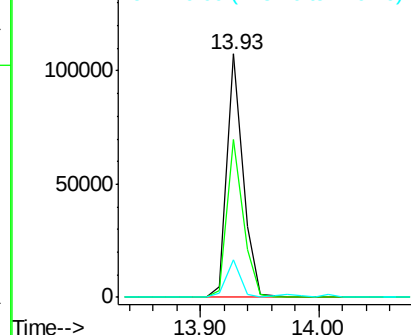
#81
 3,3'-Dichlorobenzidine
 Concen: 34.80 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF084040.D
 Acq: 23 Dec 2015 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 252 Resp: 100393
 Ion Ratio Lower Upper
 252 100
 254 64.7 53.5 80.3
 126 15.4 4.9 7.3#

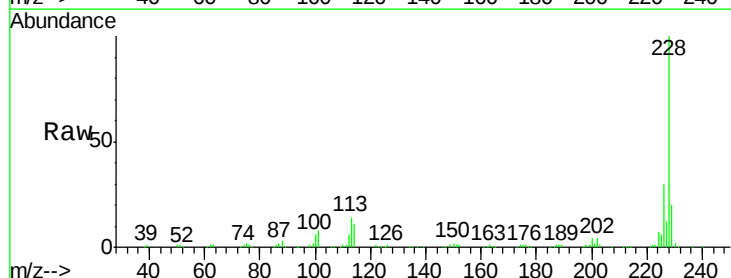


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

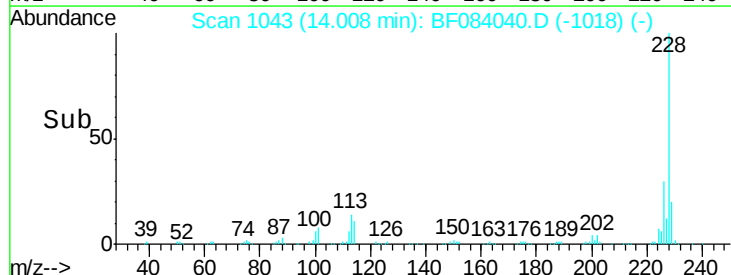
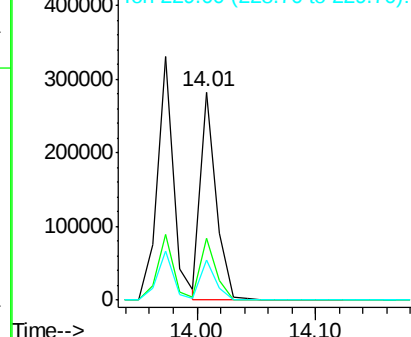


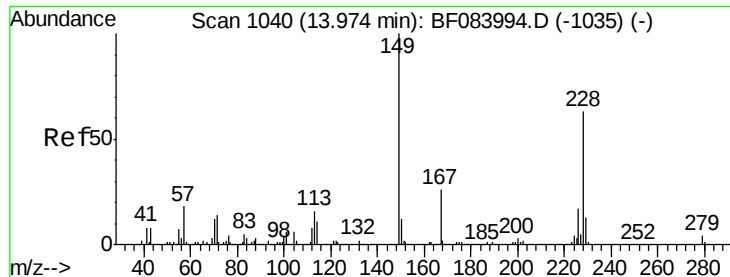
#82
 Chrysene
 Concen: 36.88 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF084040.D
 Acq: 23 Dec 2015 18:16

Tgt Ion: 228 Resp: 262698
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.3 36.5
 229 19.6 16.1 24.1



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

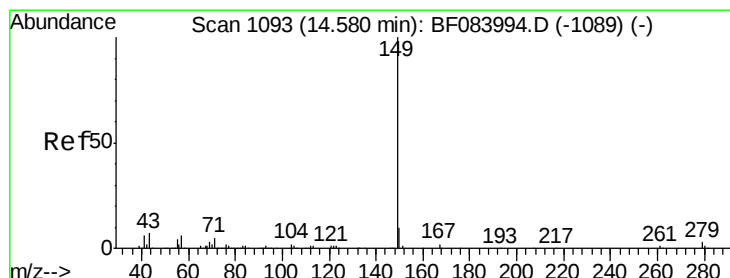
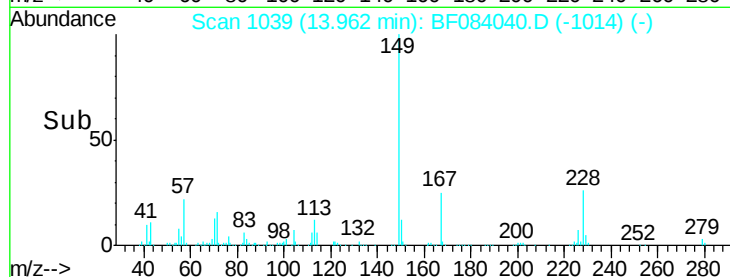
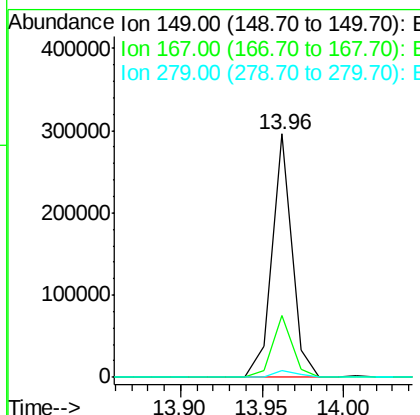
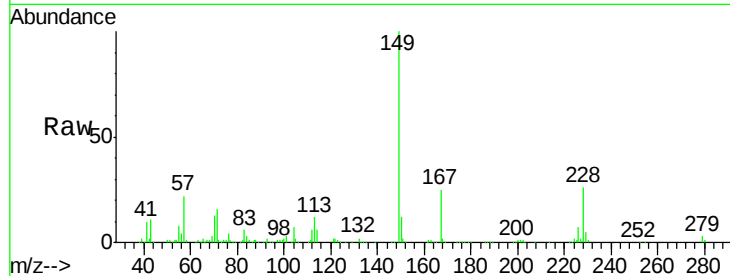




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.92 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF084040.D
 Acq: 23 Dec 2015 18:16

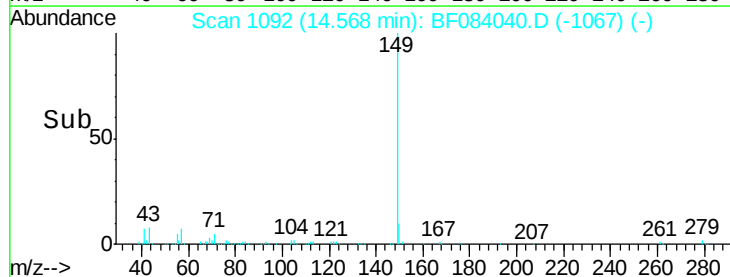
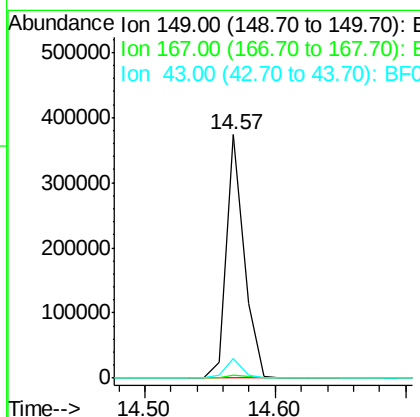
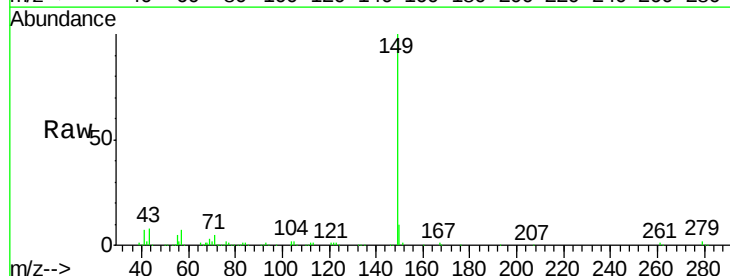
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

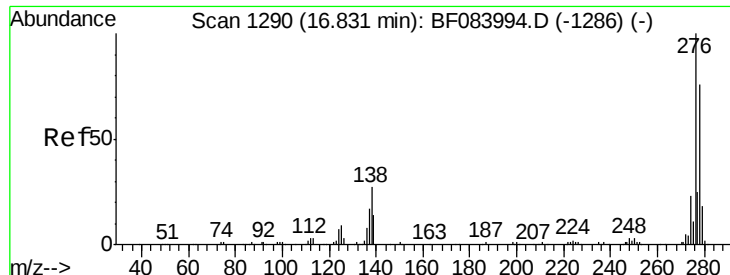
Tgt Ion:149 Resp: 252850
 Ion Ratio Lower Upper
 149 100
 167 25.3 19.7 29.5
 279 2.9 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 40.03 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: BF084040.D
 Acq: 23 Dec 2015 18:16

Tgt Ion:149 Resp: 354414
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 7.7 5.6 8.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.65 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

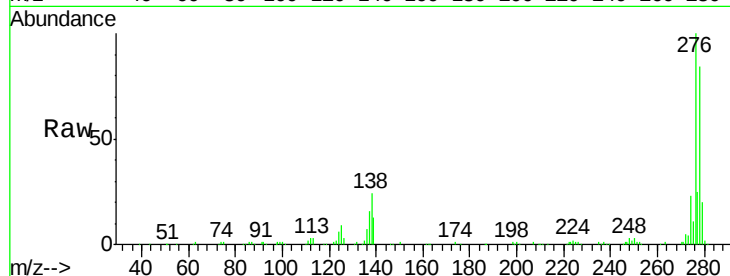
Tgt Ion:276 Resp: 257163

Ion Ratio Lower Upper

276 100

138 25.3 20.6 30.8

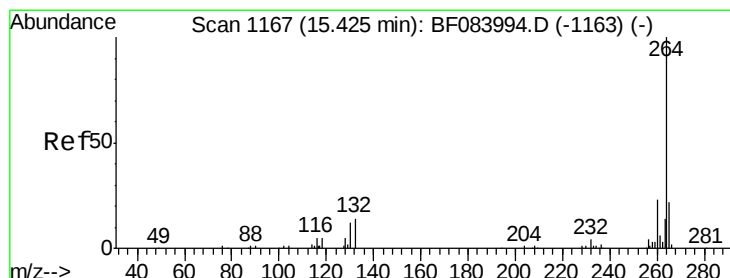
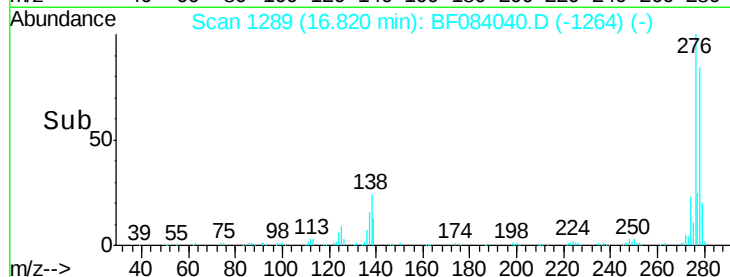
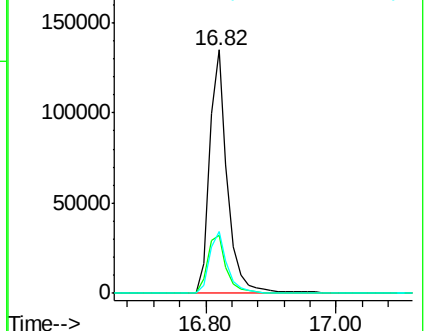
277 25.5 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF084040.D

Acq: 23 Dec 2015 18:16

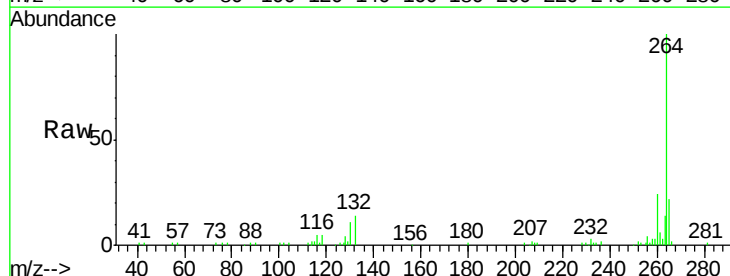
Tgt Ion:264 Resp: 89860

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

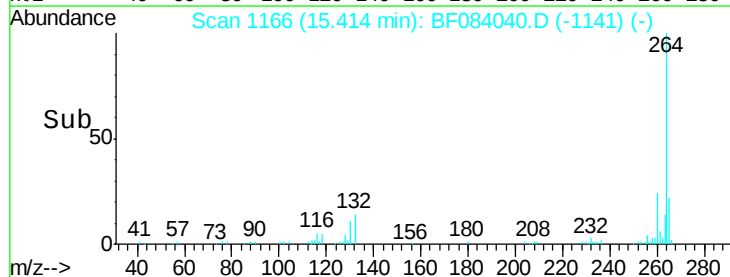
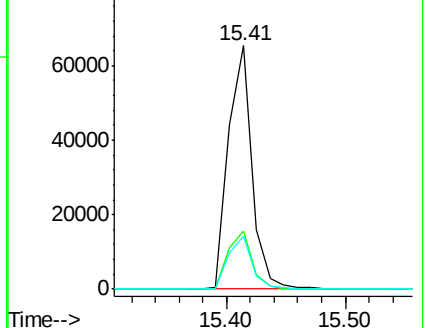
265 21.8 17.8 26.6

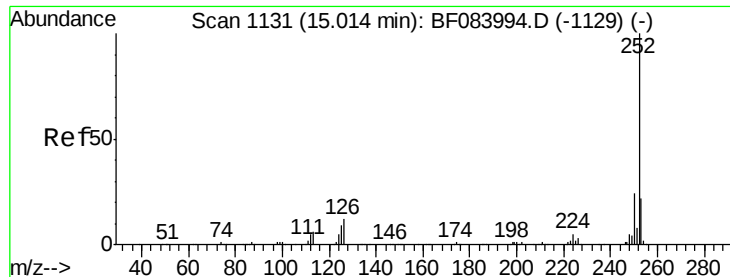


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

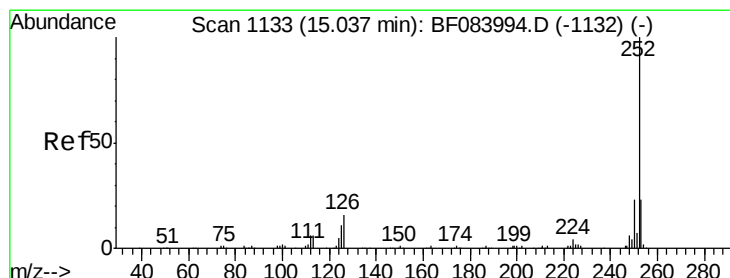
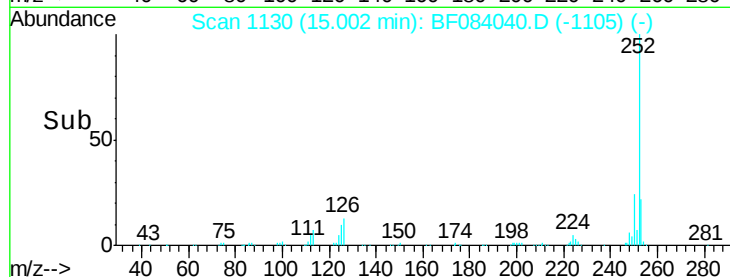
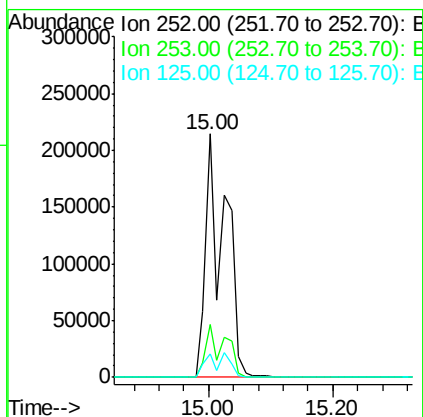
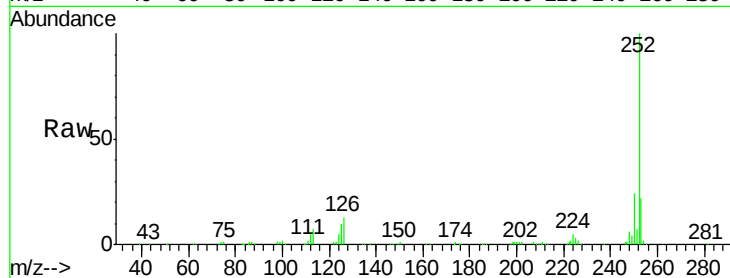




#87
Benzo(b)fluoranthene
Concen: 82.31 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF084040.D
Acq: 23 Dec 2015 18:16

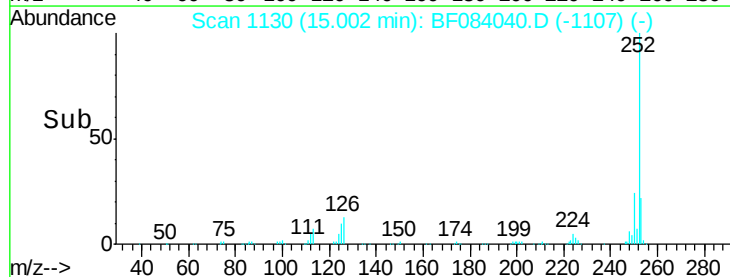
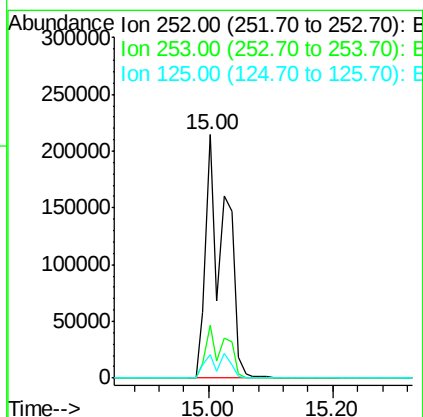
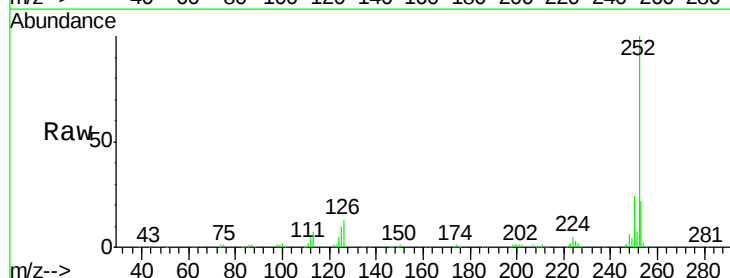
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

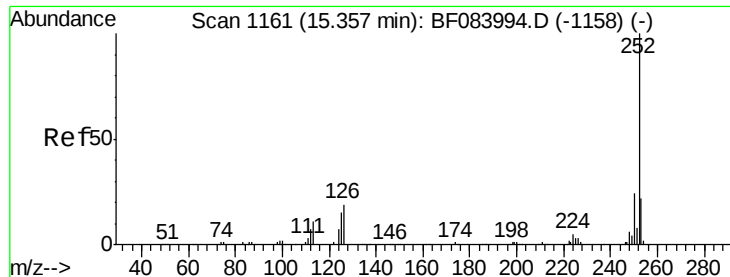
Tgt Ion:252 Resp: 466281
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 9.6 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 86.55 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF084040.D
Acq: 23 Dec 2015 18:16

Tgt Ion:252 Resp: 466281
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 9.6 9.0 13.6

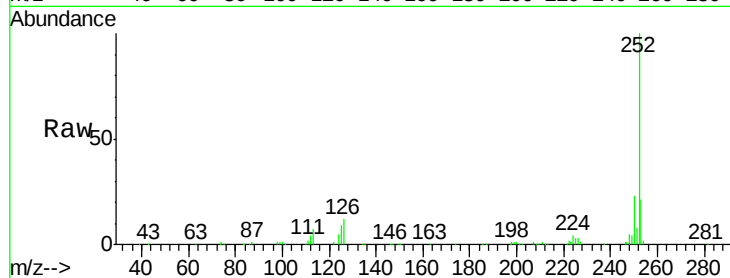




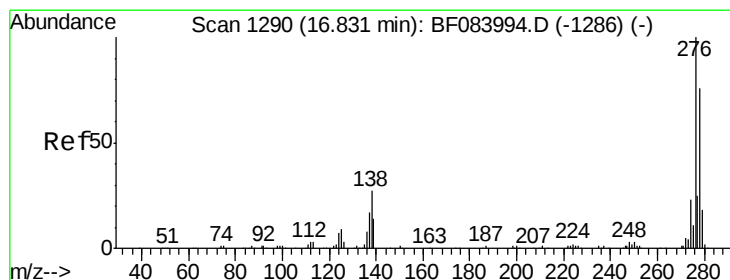
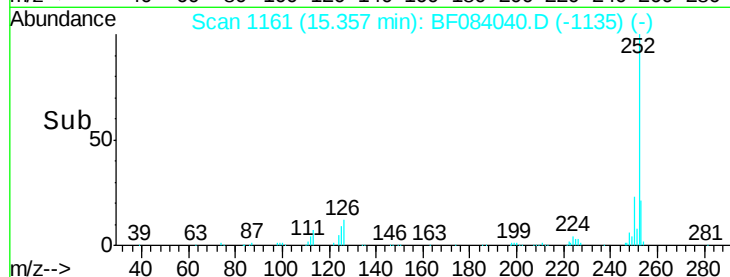
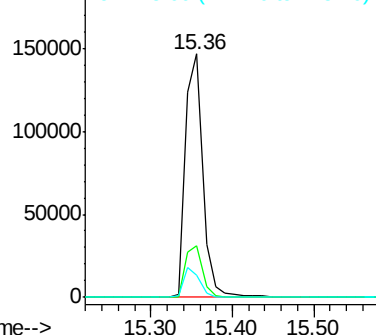
#89
Benzo(a)pyrene
Concen: 41.60 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF084040.D
Acq: 23 Dec 2015 18:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 252 Resp: 218283
Ion Ratio Lower Upper
252 100
253 21.1 17.3 25.9
125 9.3 7.0 10.4

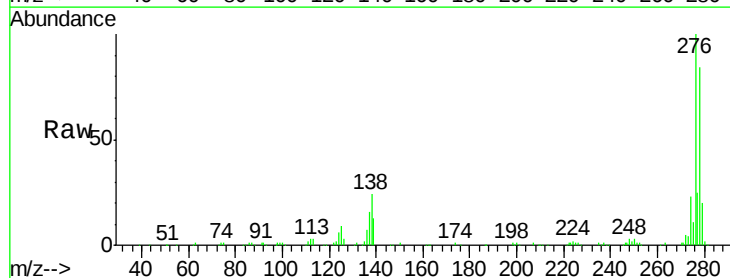


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

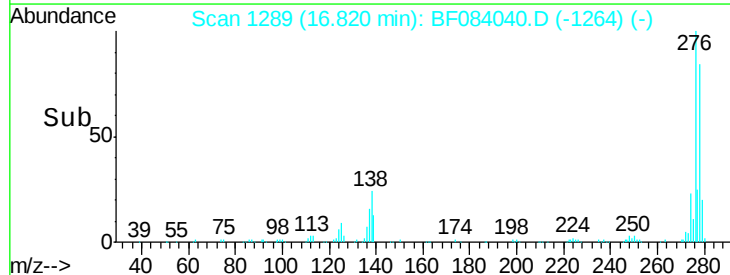
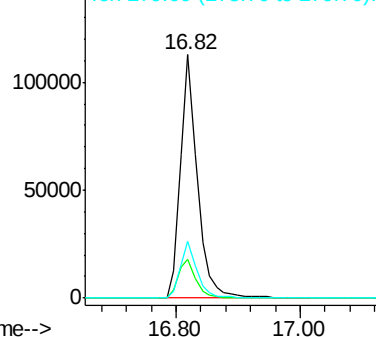


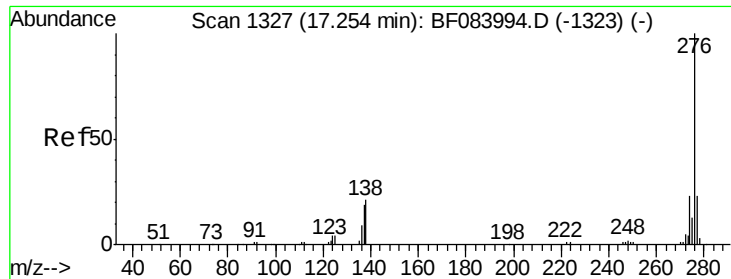
#90
Dibenzo(a,h)anthracene
Concen: 48.89 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF084040.D
Acq: 23 Dec 2015 18:16

Tgt Ion: 278 Resp: 212581
Ion Ratio Lower Upper
278 100
139 15.8 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(g,h,i)perylene

Concen: 48.49 ng

RT: 17.24 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF084040.D

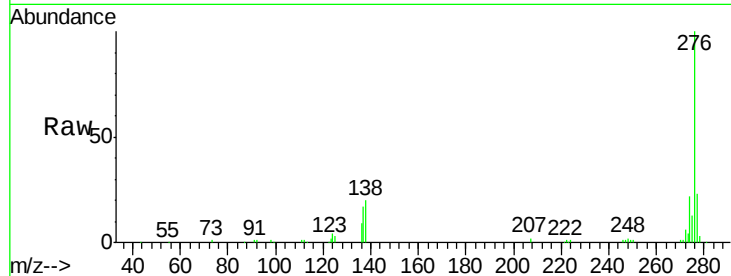
Acq: 23 Dec 2015 18:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:	276	Resp:	213263
Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.8	28.2
138	19.6	17.8	26.6

