

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084077.D
 Acq On : 24 Dec 2015 14:06
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Quant Time: Dec 24 15:11:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 15:05:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	49605	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	204450	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	96823	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	170755	20.00	ng	0.00
75) Chrysene-d12	13.96	240	122254	20.00	ng	0.00
86) Perylene-d12	15.38	264	98650	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	147069	50.55	ng	0.00
7) Phenol-d6	6.45	99	192848	56.38	ng	0.00
23) Nitrobenzene-d5	7.37	82	183841	55.24	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	49122	52.75	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	369306	51.33	ng	0.00
78) Terphenyl-d14	12.90	244	345543	67.40	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.35	88	31778	22.94	ng	96
3) Pyridine	3.07	79	76835	24.37	ng	98
4) n-Nitrosodimethylamine	3.00	42	33587	28.66	ng	95
6) Aniline	6.46	93	119463	25.23	ng	# 55
8) 2-Chlorophenol	6.59	128	94178	28.11	ng	91
9) Benzaldehyde	6.34	77	54396	23.81	ng	90
10) Phenol	6.46	94	110644	27.96	ng	82
11) bis(2-Chloroethyl)ether	6.53	93	76465	25.29	ng	97
12) 1,3-Dichlorobenzene	6.74	146	100737	27.06	ng	97
13) 1,4-Dichlorobenzene	6.74	146	100737	27.72	ng	94
14) 1,2-Dichlorobenzene	6.97	146	95801	27.57	ng	99
15) Benzyl Alcohol	6.94	79	70216	26.07	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	7.08	45	73850	25.30	ng	76
17) 2-Methylphenol	7.07	107	71571	26.82	ng	# 93
18) Hexachloroethane	7.31	117	37641	28.24	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	59689	28.79	ng	93
20) 3+4-Methylphenols	7.23	107	90087	27.35	ng	# 47
22) Acetophenone	7.21	105	122640	25.57	ng	95
24) Nitrobenzene	7.38	77	84216	24.55	ng	93
25) Isophorone	7.63	82	157356	24.95	ng	# 93
26) 2-Nitrophenol	7.70	139	45451	24.62	ng	# 69
27) 2,4-Dimethylphenol	7.76	122	74090	23.03	ng	93
28) bis(2-Chloroethoxy)methane	7.84	93	91677	23.47	ng	99
29) 2,4-Dichlorophenol	7.95	162	72929	25.37	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	80475	26.84	ng	97
31) Naphthalene	8.11	128	270543	25.90	ng	99
32) Benzoic acid	7.87	122	36744	26.93	ng	98
33) 4-Chloroaniline	8.16	127	103612	24.26	ng	98
34) Hexachlorobutadiene	8.22	225	42878	23.93	ng	98
35) Caprolactam	8.52	113	20051	23.21	ng	92
36) 4-Chloro-3-methylphenol	8.66	107	80251	26.10	ng	92
37) 2-Methylnaphthalene	8.80	142	163999	24.25	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	77442	26.61	ng	97
40) Hexachlorocyclopentadiene	8.96	237	10894	16.10	ng	98

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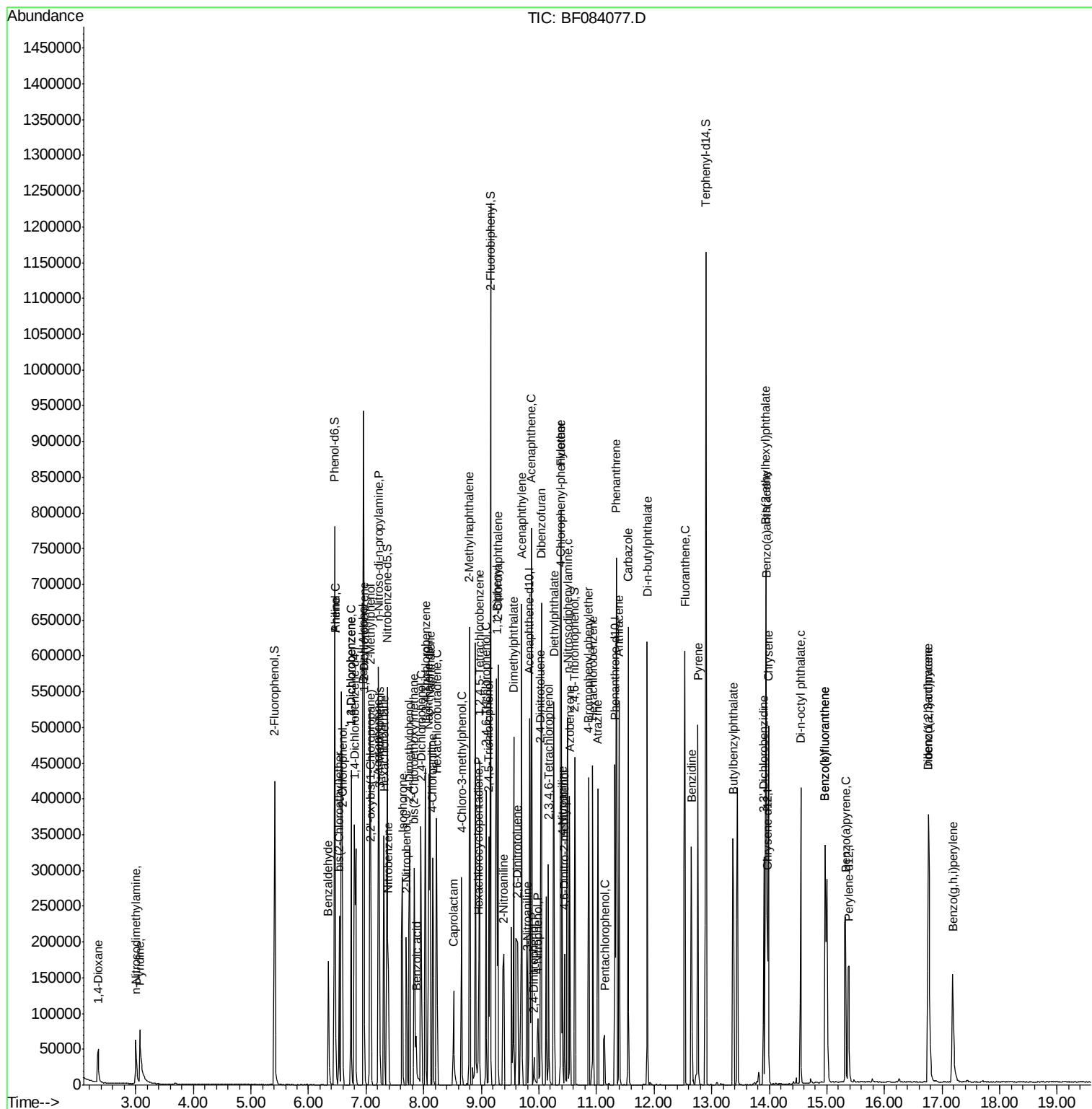
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	49175	28.06	nq	97
43) 2,4,5-Trichlorophenol	9.13	196	49782	27.29	nq	# 87
45) 1,1'-Biphenyl	9.26	154	218915	25.58	nq	96
46) 2-Chloronaphthalene	9.29	162	171405	27.82	nq	93
47) 2-Nitroaniline	9.38	65	42142	25.09	nq	92
48) Acenaphthylene	9.70	152	276110	28.30	nq	100
49) Dimethylphthalate	9.56	163	187213	24.71	nq	# 91
50) 2,6-Dinitrotoluene	9.63	165	41284	25.82	nq	95
51) Acenaphthene	9.87	154	159103	27.42	nq	98
52) 3-Nitroaniline	9.80	138	41867	24.65	nq	# 64
53) 2,4-Dinitrophenol	9.92	184	8465	15.06	nq	93
54) Dibenzofuran	10.04	168	217528	25.05	nq	92
55) 4-Nitrophenol	9.98	139	21197	21.24	nq	96
56) 2,4-Dinitrotoluene	10.03	165	56511	28.11	nq	97
57) Fluorene	10.38	166	188441	27.39	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	36014	25.04	nq	94
59) Diethylphthalate	10.26	149	195514	26.26	nq	97
60) 4-Chlorophenyl-phenylether	10.37	204	81764	25.93	nq	# 86
61) 4-Nitroaniline	10.41	138	42738	24.60	nq	94
62) Azobenzene	10.53	77	163733	24.91	nq	90
64) 4,6-Dinitro-2-methylphenol	10.44	198	23616	23.66	nq	82
65) n-Nitrosodiphenylamine	10.50	169	158614	25.15	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	53264	27.20	nq	# 85
67) Hexachlorobenzene	10.93	284	53676	25.11	nq	# 84
68) Atrazine	11.02	200	51155	26.83	nq	99
69) Pentachlorophenol	11.14	266	13009	19.52	nq	98
70) Phenanthrene	11.34	178	276457	28.65	nq	100
71) Anthracene	11.39	178	253791	25.89	nq	99
72) Carbazole	11.55	167	236216	25.78	nq	99
73) Di-n-butylphthalate	11.88	149	296305	26.04	nq	# 98
74) Fluoranthene	12.53	202	292150	30.53	nq	94
76) Benzidine	12.65	184	120233	27.58	nq	98
77) Pyrene	12.76	202	274159	33.05	nq	98
79) Butylbenzylphthalate	13.37	149	108456	28.43	nq	87
80) Benzo(a)anthracene	13.95	228	200692	28.47	nq	100
81) 3,3'-Dichlorobenzidine	13.91	252	64295	24.25	nq	# 95
82) Chrysene	13.99	228	189491	28.95	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	149104	28.18	nq	# 96
84) Di-n-octyl phthalate	14.55	149	211514	26.00	nq	100
85) Indeno(1,2,3-cd)pyrene	16.76	276	176697	32.64	nq	99
87) Benzo(b)fluoranthene	14.97	252	309159	49.71	nq	# 97
88) Benzo(k)fluoranthene	14.97	252	309159	52.27	nq	98
89) Benzo(a)pyrene	15.32	252	146857	25.49	nq	99
90) Dibenzo(a,h)anthracene	16.76	278	145351	30.45	nq	99
91) Benzo(g,h,i)perylene	17.19	276	146843	30.42	nq	97

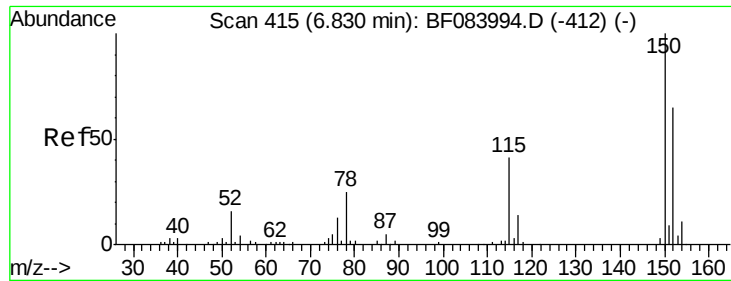
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

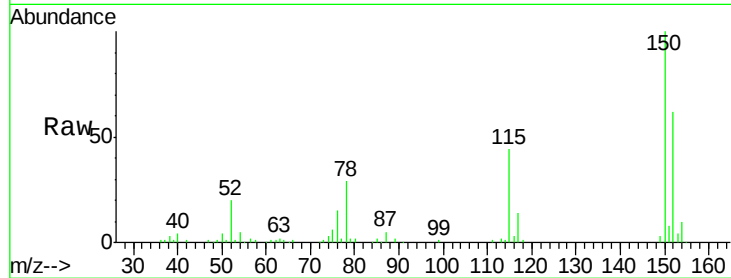
Tot Ion:152 Resp: 49605

Ion Ratio Lower Upper

152 100

150 161.3 123.0 184.4

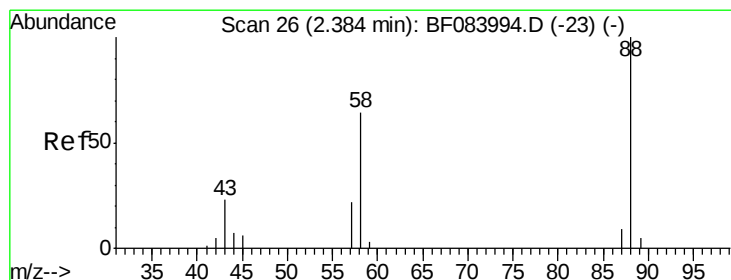
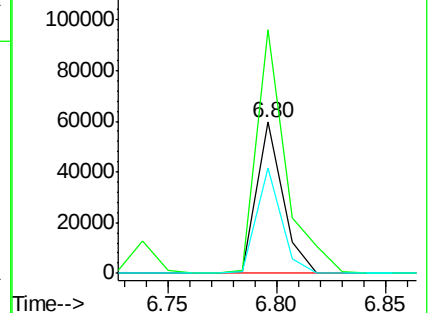
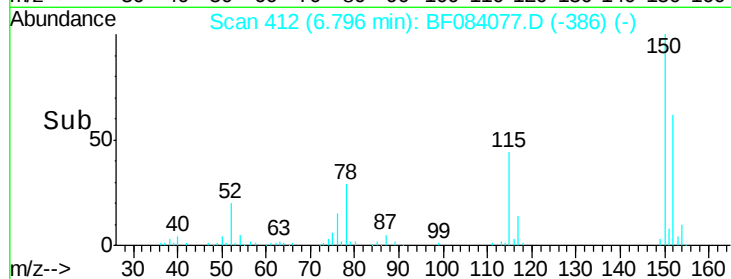
115 70.2 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 22.94 ng

RT: 2.35 min Scan# 23

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

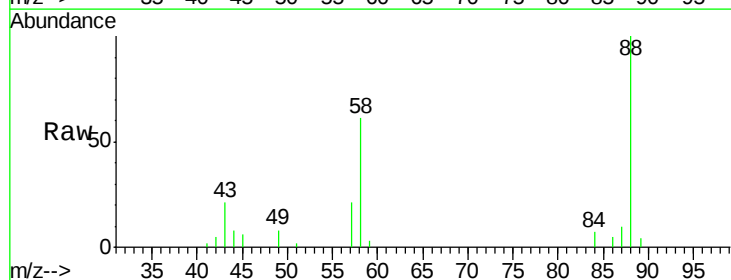
Tgt Ion: 88 Resp: 31778

Ion Ratio Lower Upper

88 100

58 60.7 51.2 76.8

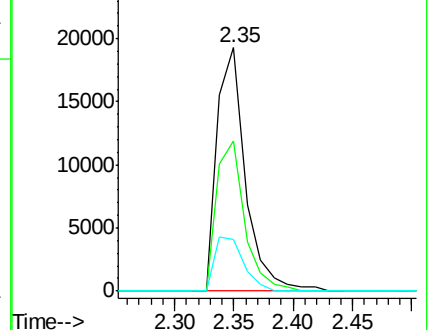
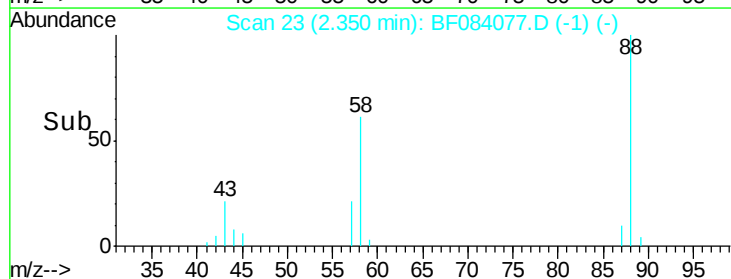
43 22.8 19.5 29.3

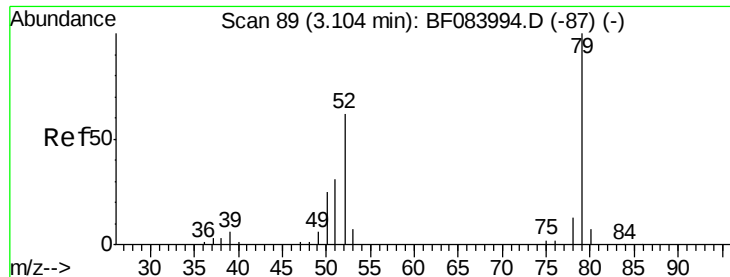


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 24.37 ng

RT: 3.07 min Scan# 86

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

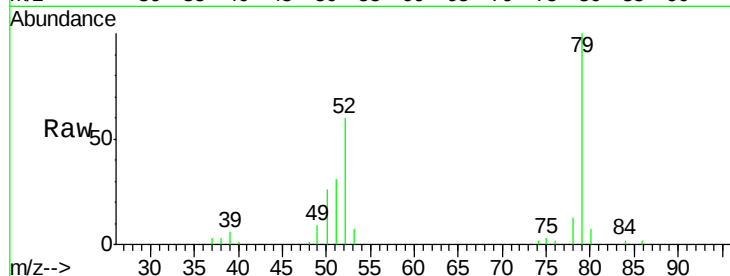
Tot Ion: 79 Resp: 76835

Ion Ratio Lower Upper

79 100

52 59.6 49.0 73.4

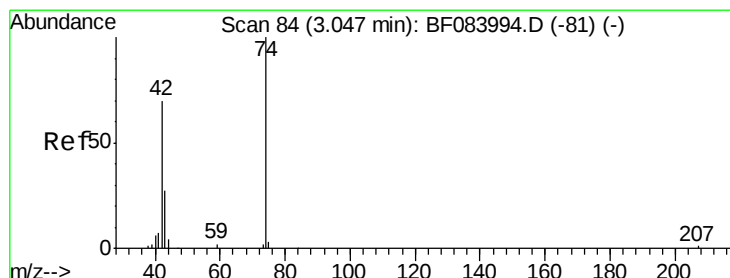
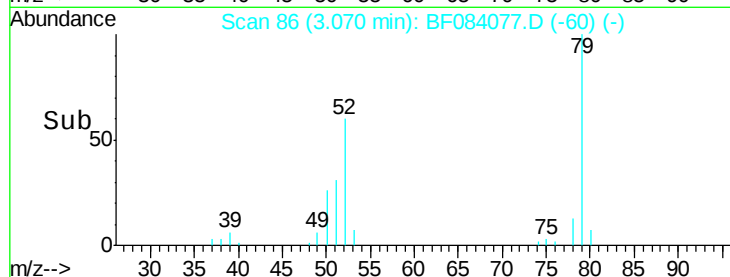
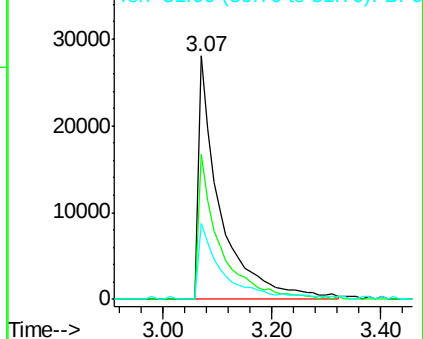
51 31.1 25.2 37.8



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: 28.66 ng

RT: 3.00 min Scan# 80

Delta R.T. -0.01 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

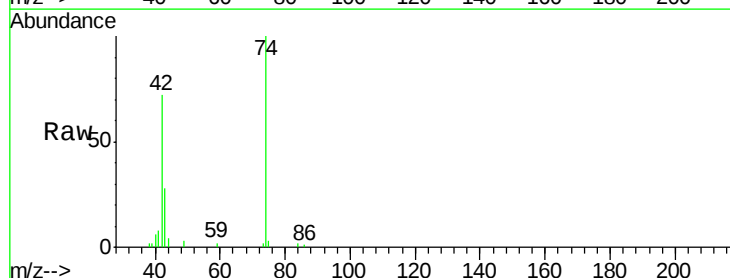
Tgt Ion: 42 Resp: 33587

Ion Ratio Lower Upper

42 100

74 138.5 115.7 173.5

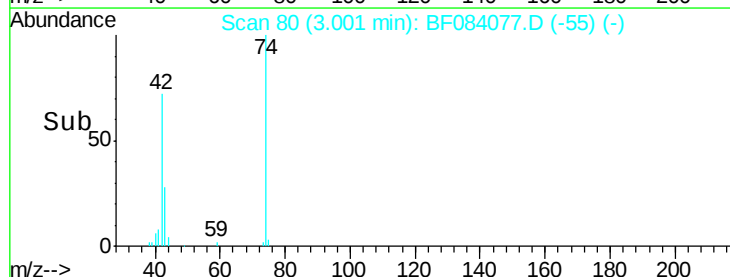
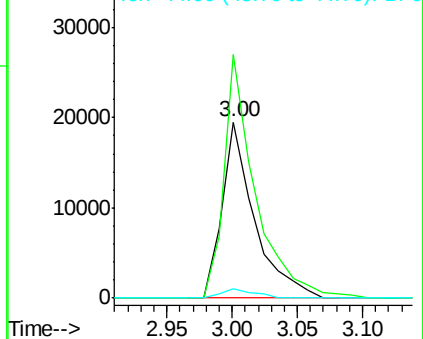
44 5.5 5.1 7.7

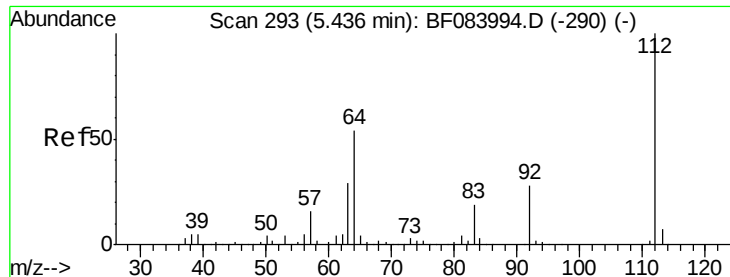


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 50.55 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.00 min

Lab File: BF084077.D

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Instrument :

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ClientSampleId :

SSTDIC025

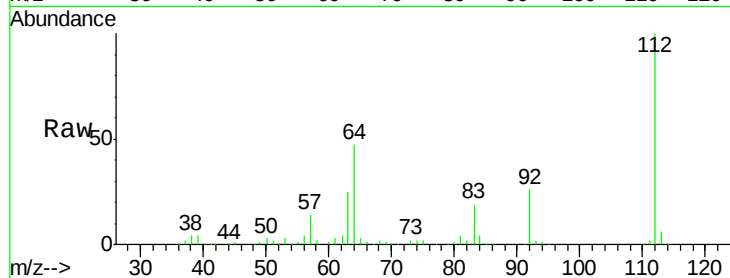
Tot Ion:112 Resp: 147069

Ion Ratio Lower Upper

112 100

64 46.9 36.6 55.0

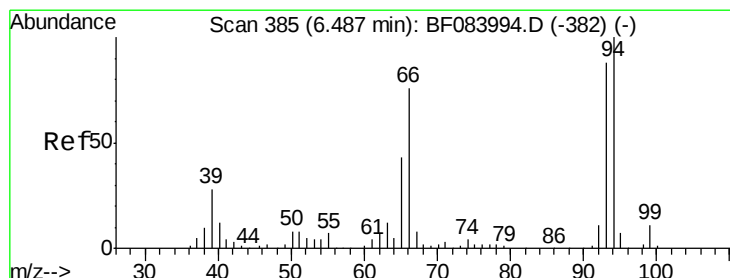
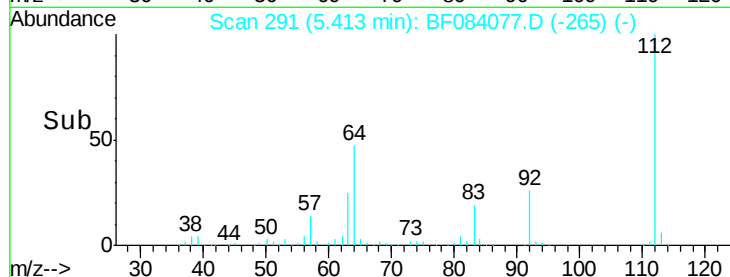
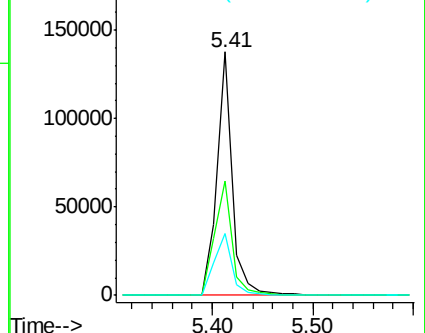
63 25.2 19.4 29.0



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: 25.23 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

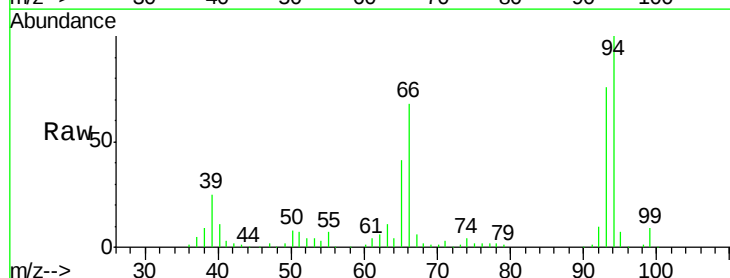
Tgt Ion: 93 Resp: 119463

Ion Ratio Lower Upper

93 100

66 88.9 44.9 67.3#

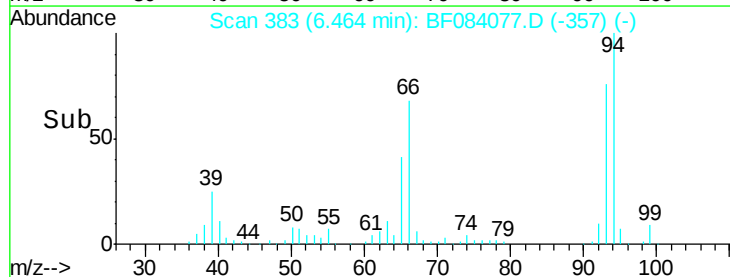
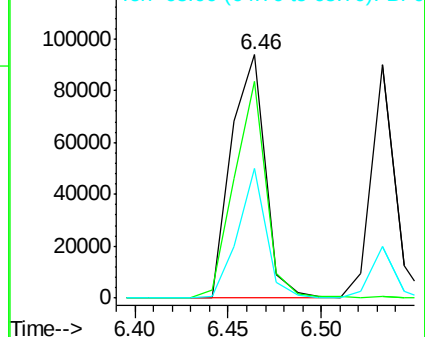
65 53.5 23.7 35.5#

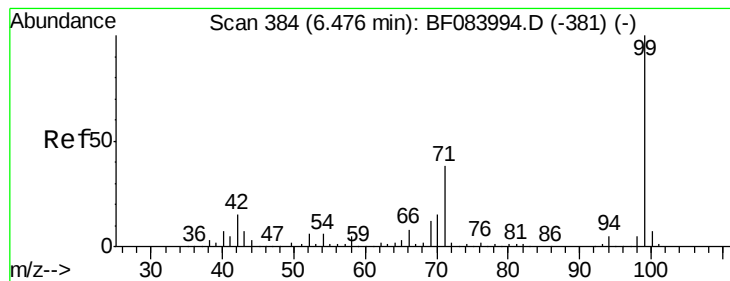


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 56.38 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

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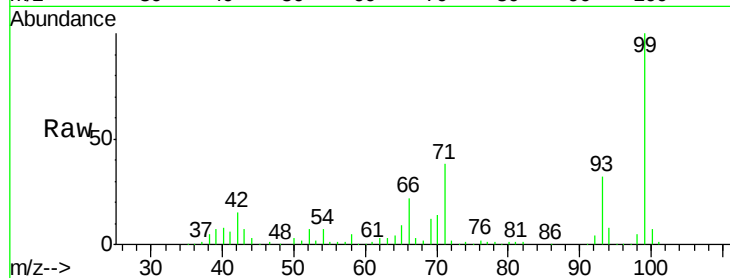
Tot Ion: 99 Resp: 192848

Ion Ratio Lower Upper

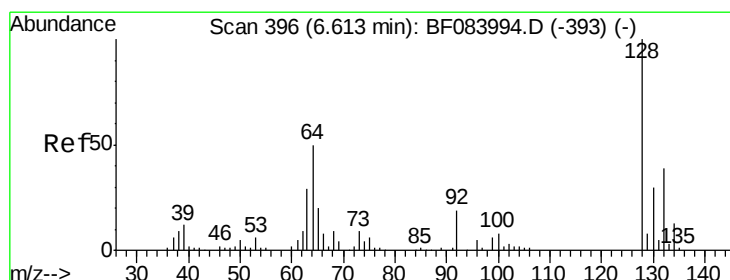
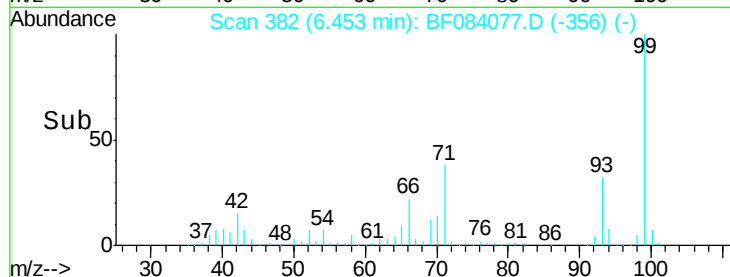
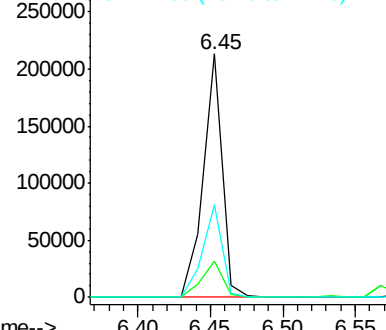
99 100

42 15.1 12.8 19.2

71 38.1 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: 28.11 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

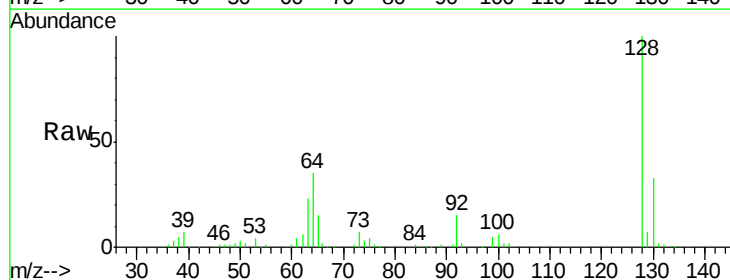
Tgt Ion: 128 Resp: 94178

Ion Ratio Lower Upper

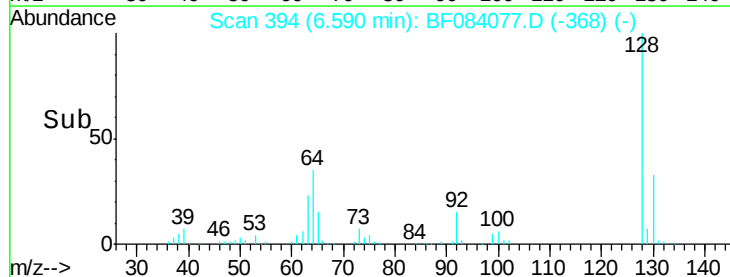
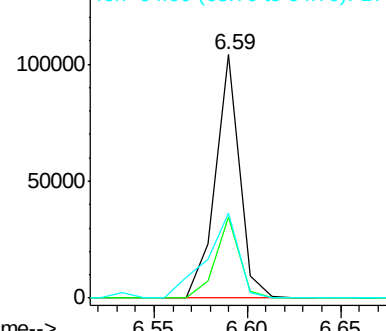
128 100

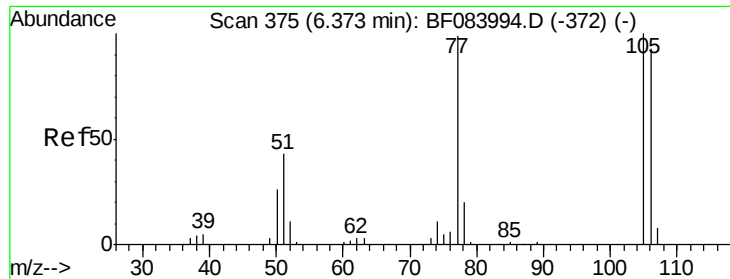
130 33.2 11.6 51.6

64 34.8 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

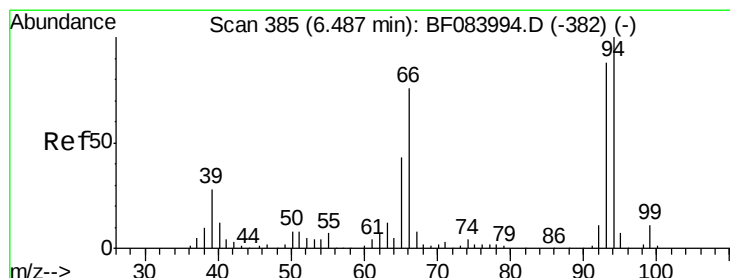
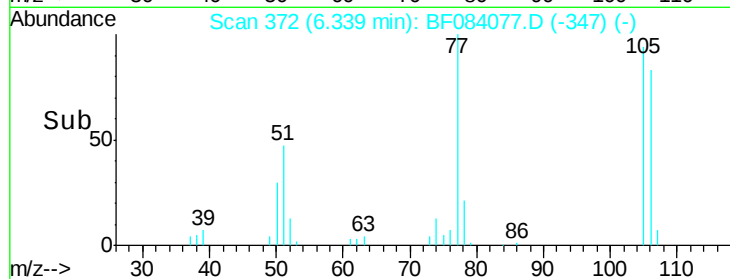
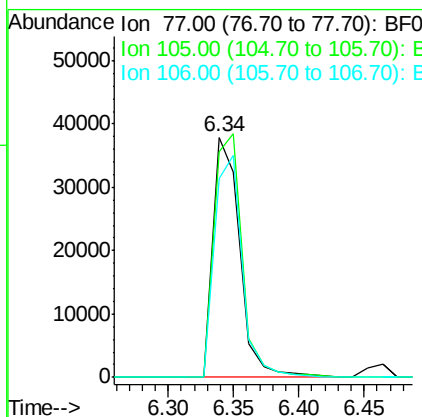
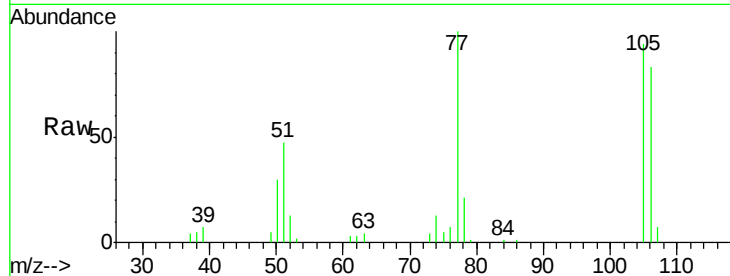




#9
Benzaldehyde
Concen: 23.81 ng
RT: 6.34 min Scan# 372
Delta R.T. -0.01 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

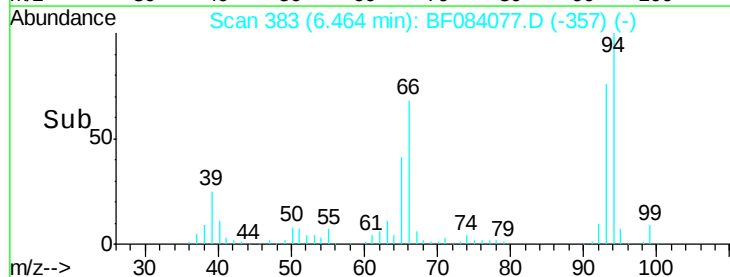
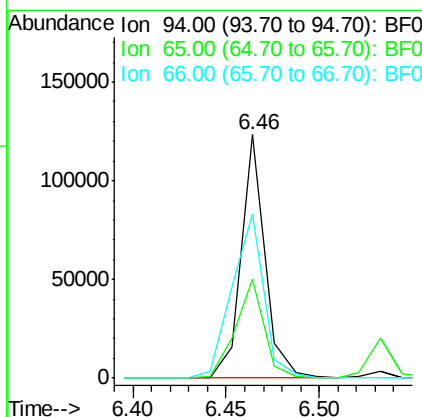
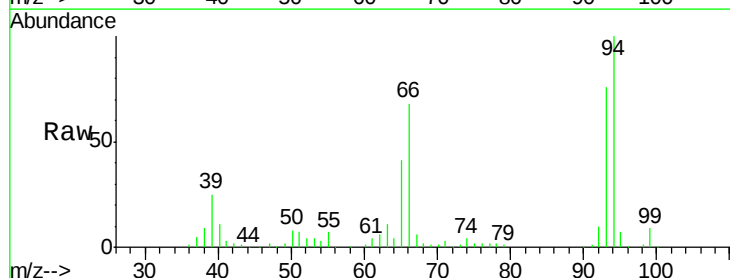
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

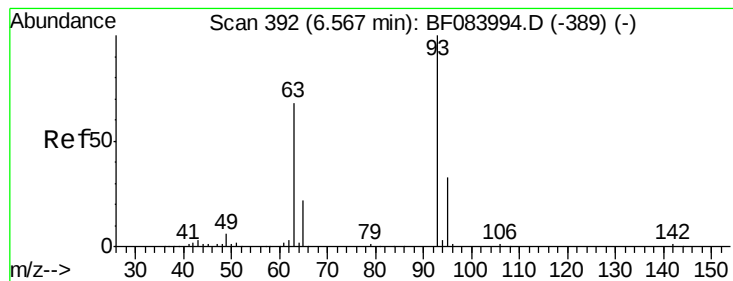
Tot Ion: 77 Resp: 54396
Ion Ratio Lower Upper
77 100
105 94.1 83.0 123.0
106 82.9 74.6 114.6



#10
Phenol
Concen: 27.96 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

Tgt Ion: 94 Resp: 110644
Ion Ratio Lower Upper
94 100
65 40.7 12.9 52.9
66 67.6 32.7 72.7

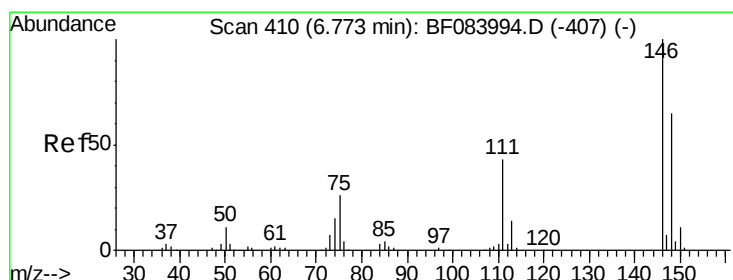
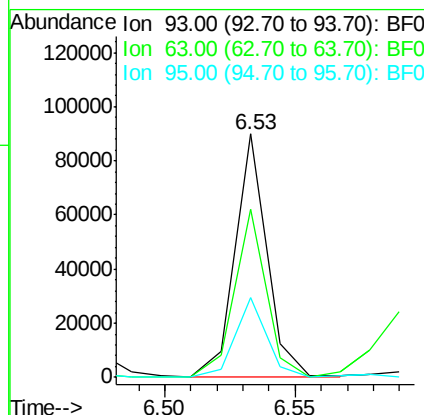
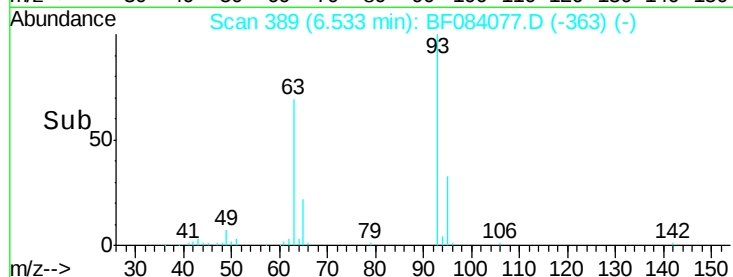
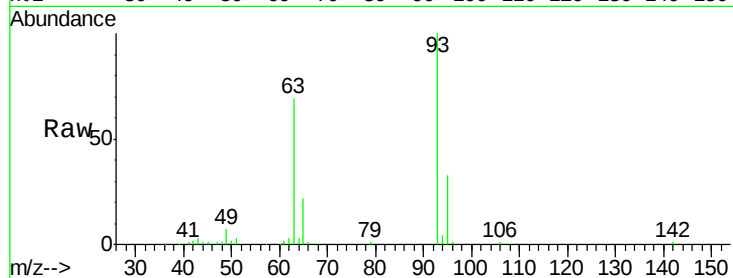




#11
bis(2-Chloroethyl)ether
Concen: 25.29 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

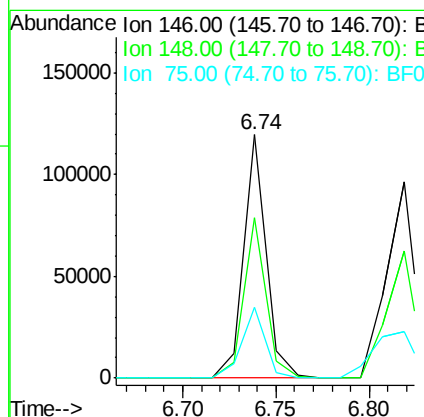
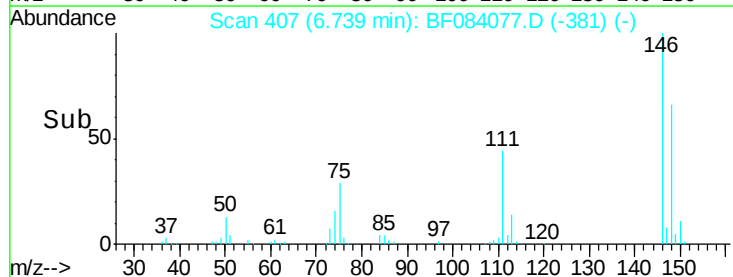
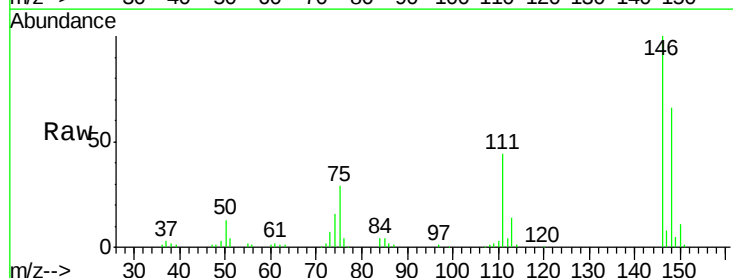
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

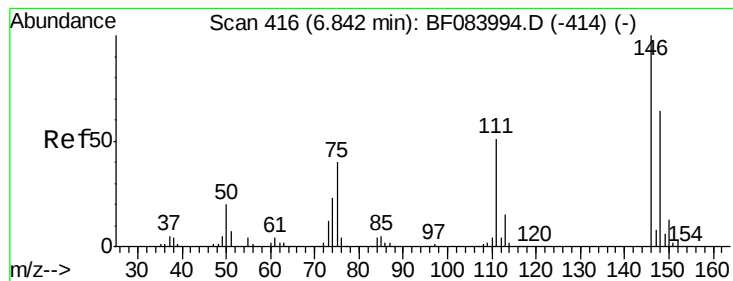
Tot Ion: 93 Resp: 76465
Ion Ratio Lower Upper
93 100
63 69.2 45.9 85.9
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 27.06 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

Tgt Ion: 146 Resp: 100737
Ion Ratio Lower Upper
146 100
148 65.8 51.9 77.9
75 29.2 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 27.72 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.08 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

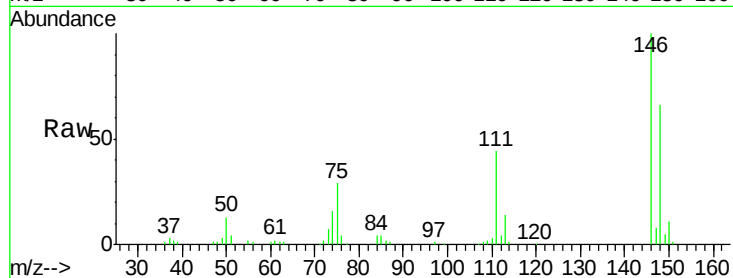
Tot Ion:146 Resp: 100737

Ion Ratio Lower Upper

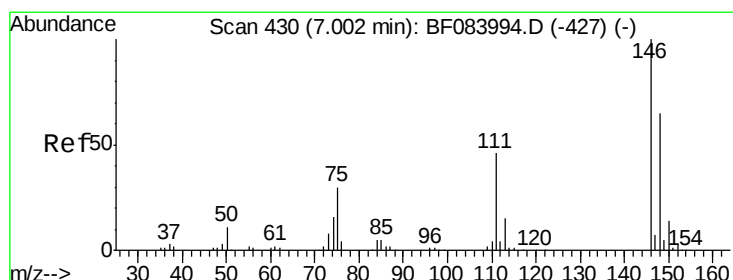
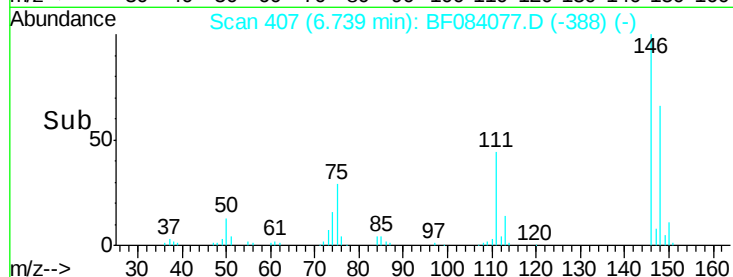
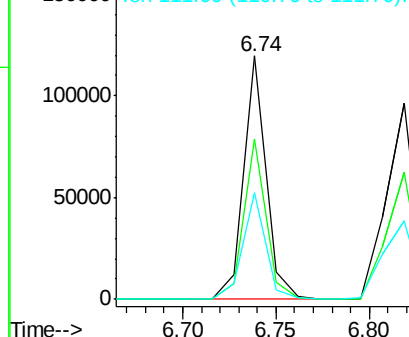
146 100

148 65.8 51.9 77.9

111 44.0 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: 27.57 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

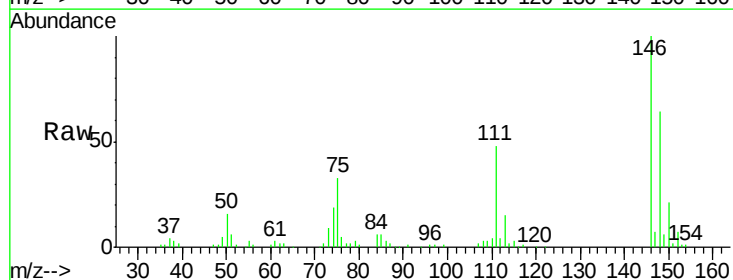
Tgt Ion:146 Resp: 95801

Ion Ratio Lower Upper

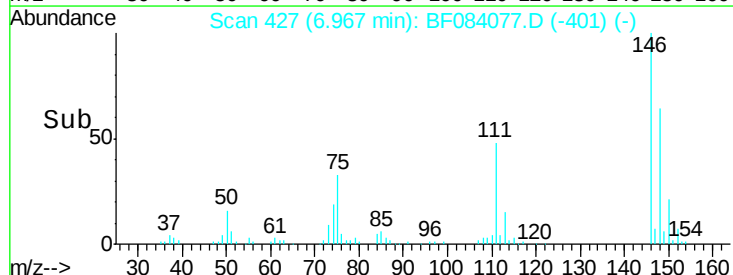
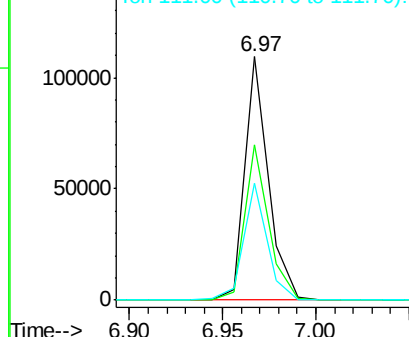
146 100

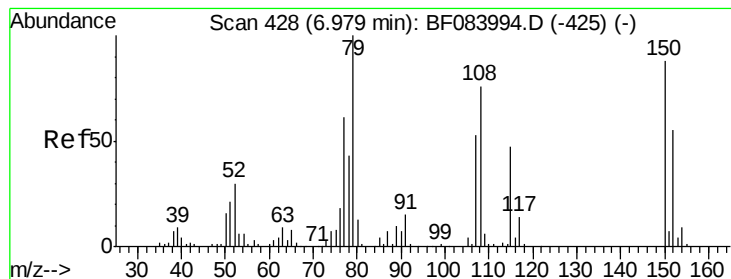
148 63.9 51.6 77.4

111 48.3 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: 26.07 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

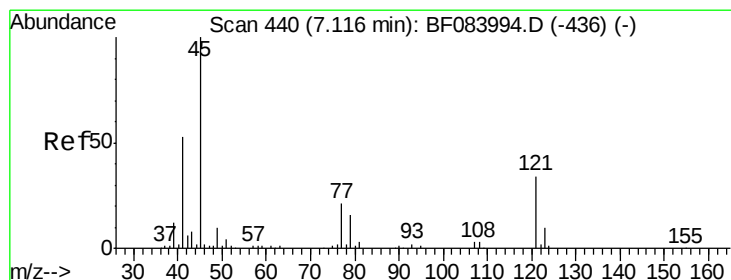
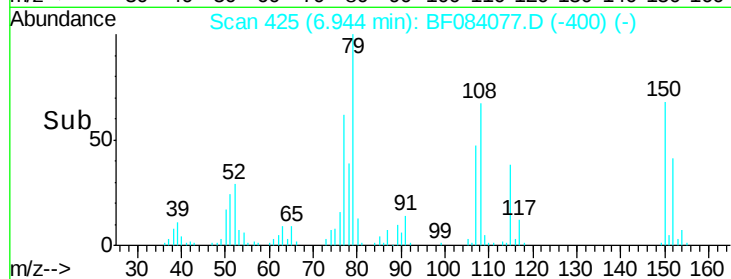
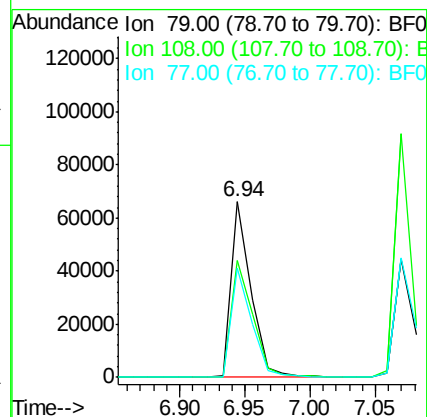
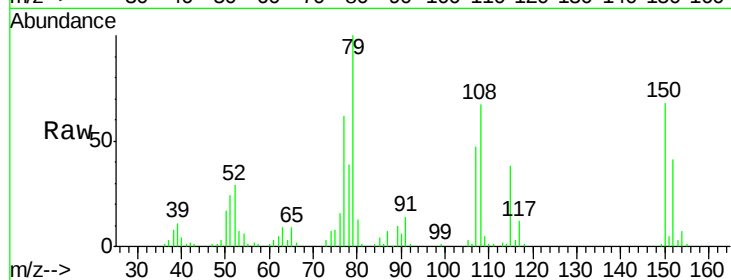
Tot Ion: 79 Resp: 70216

Ion Ratio Lower Upper

79 100

108 66.7 69.0 103.4#

77 62.1 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 25.30 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

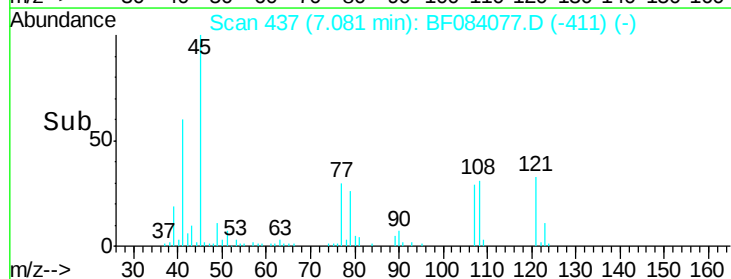
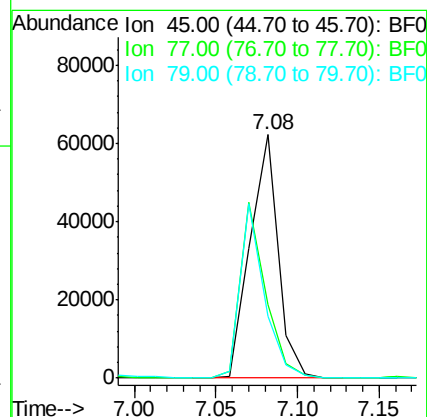
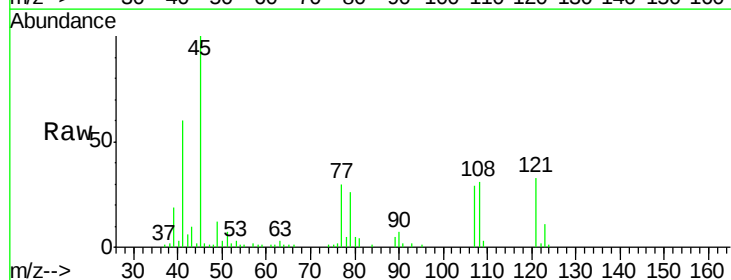
Tgt Ion: 45 Resp: 73850

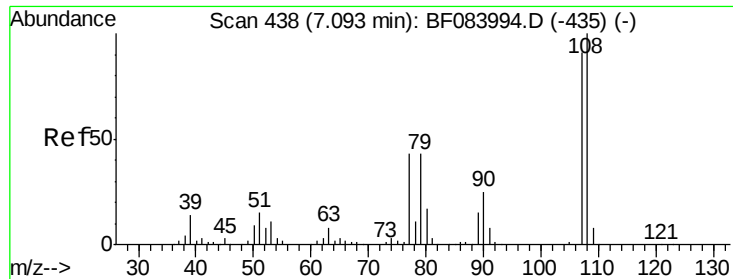
Ion Ratio Lower Upper

45 100

77 30.0 0.0 39.6

79 25.7 0.0 35.0

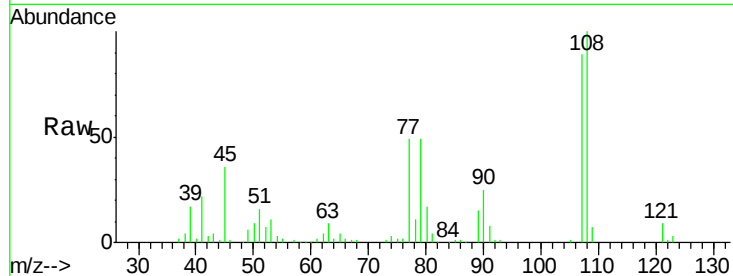




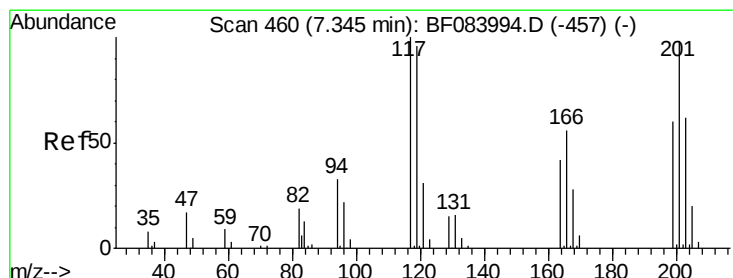
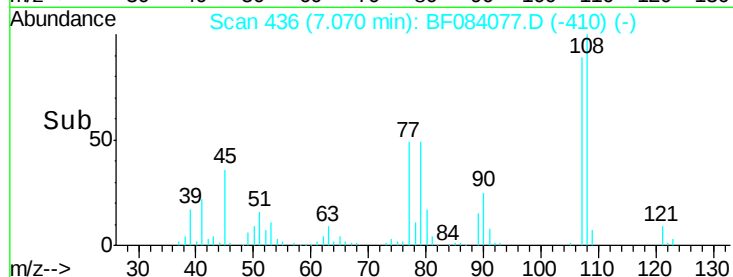
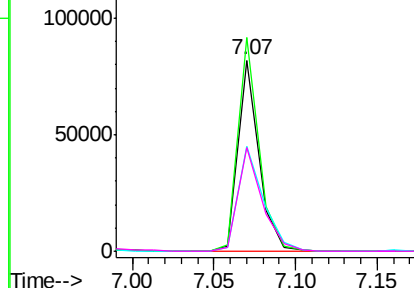
#17
2-Methylphenol
Concen: 26.82 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:107 Resp: 71571
Ion Ratio Lower Upper
107 100
108 111.8 89.8 134.6
77 54.9 35.7 53.5#
79 54.3 35.7 53.5#

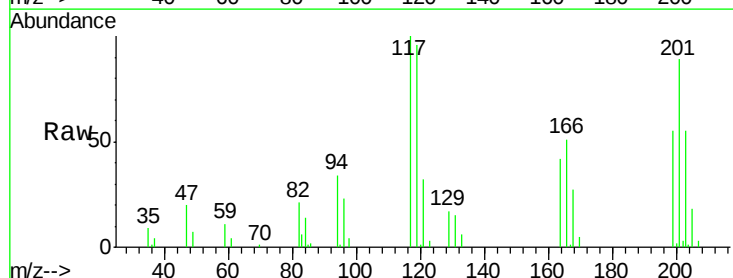


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

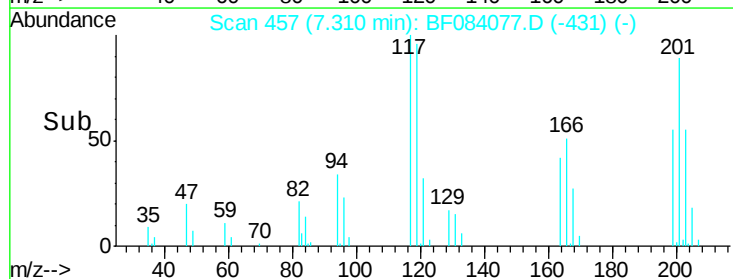
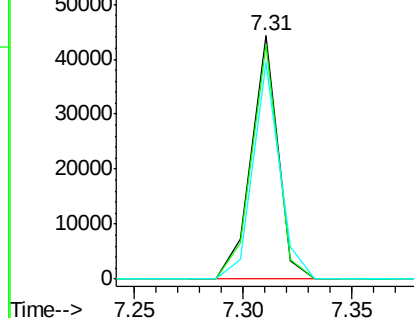


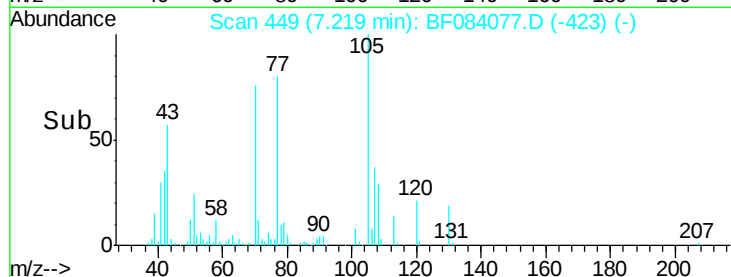
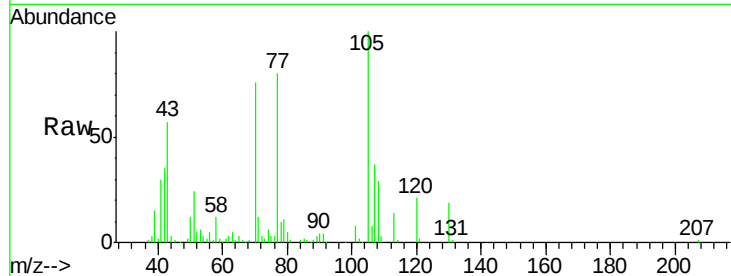
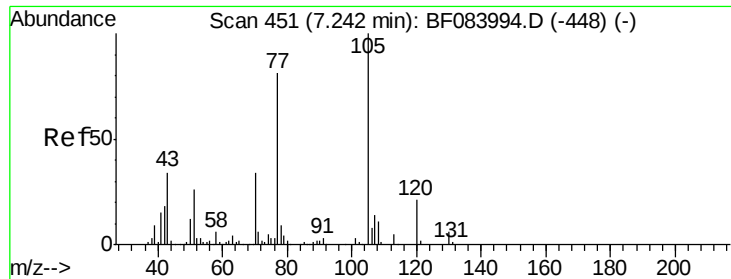
#18
Hexachloroethane
Concen: 28.24 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

Tgt Ion:117 Resp: 37641
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.0
201 88.8 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

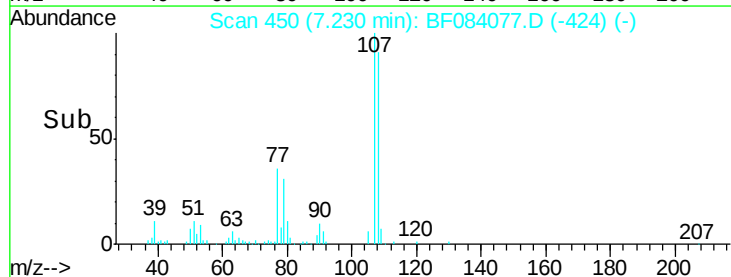
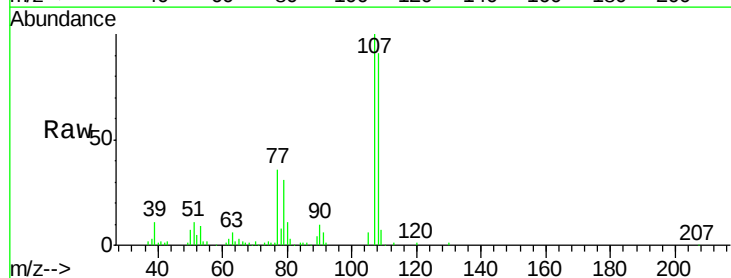
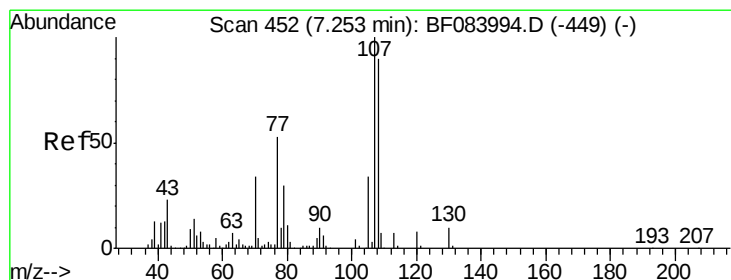
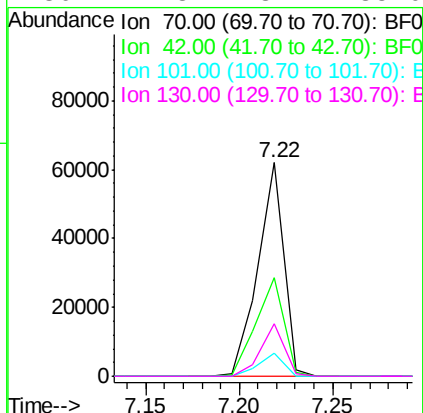




#19
n-Nitroso-di-n-propylamine
Concen: 28.79 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

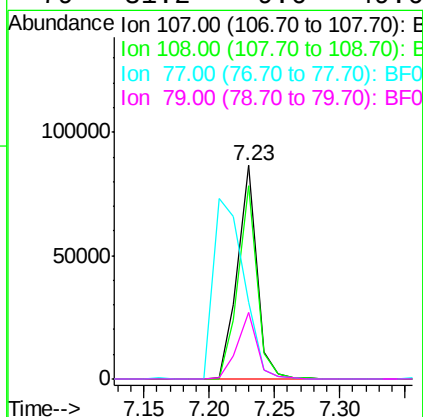
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

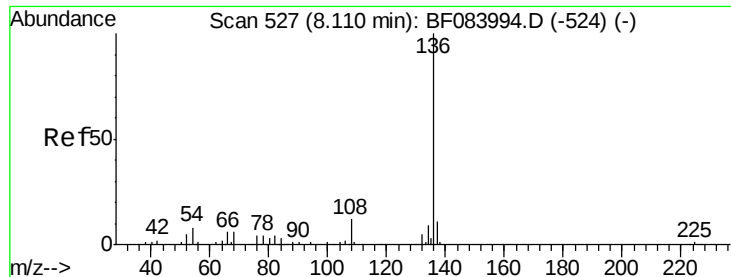
Tot Ion:	70	Resp:	59689
Ion	Ratio	Lower	Upper
70	100		
42	46.3	33.3	49.9
101	10.7	9.3	13.9
130	24.8	23.4	35.0



#20
3+4-Methylphenols
Concen: 27.35 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

Tgt Ion:	107	Resp:	90087
Ion	Ratio	Lower	Upper
107	100		
108	90.8	64.1	104.1
77	35.9	128.9	168.9#
79	31.2	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:136 Resp: 204450

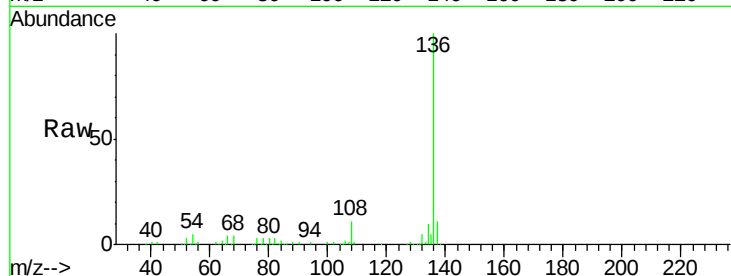
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 4.9 5.8 8.8#

68 3.7 4.2 6.2#

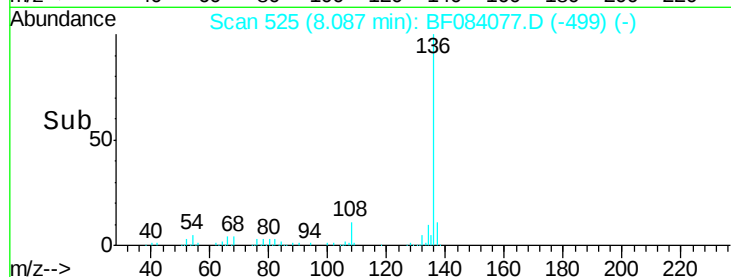


Abundance Ion 136.00 (135.70 to 136.70): E

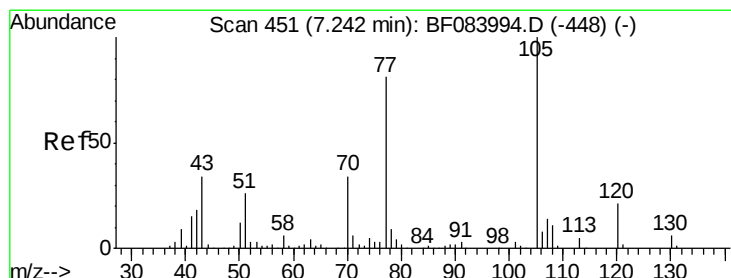
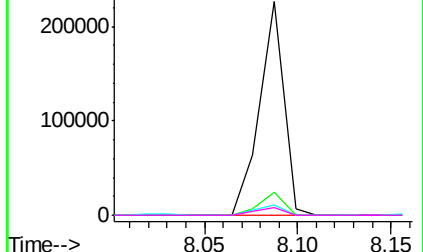
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 25.57 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

Tgt Ion:105 Resp: 122640

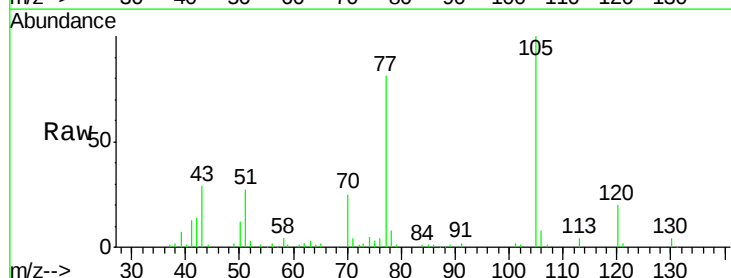
Ion Ratio Lower Upper

105 100

71 3.9 3.7 5.5

51 26.9 25.1 37.7

120 20.5 16.6 25.0

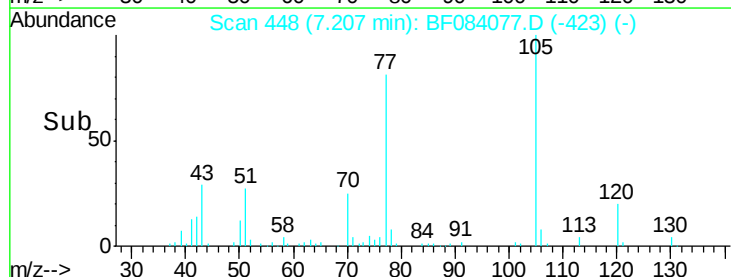


Abundance Ion 105.00 (104.70 to 105.70): E

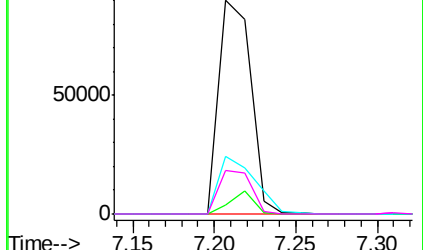
Ion 71.00 (70.70 to 71.70): BF0

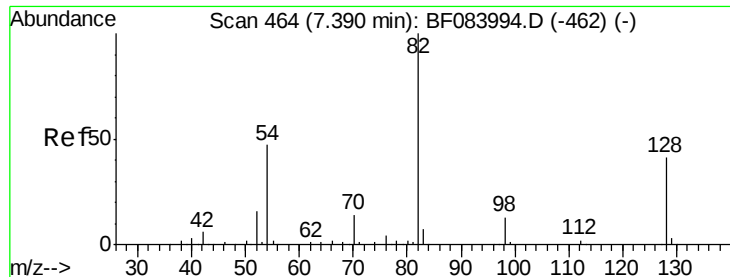
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

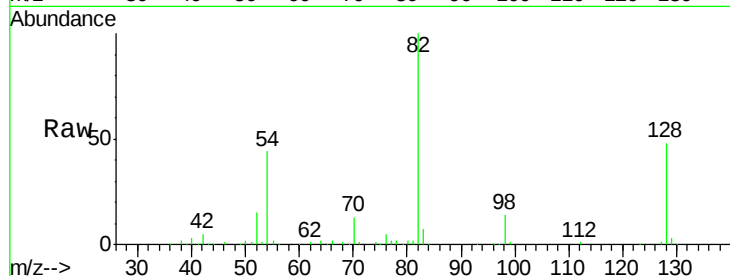




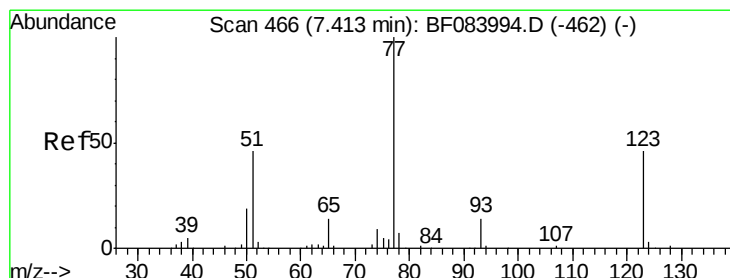
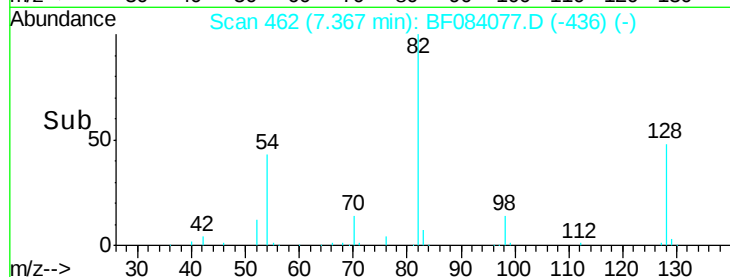
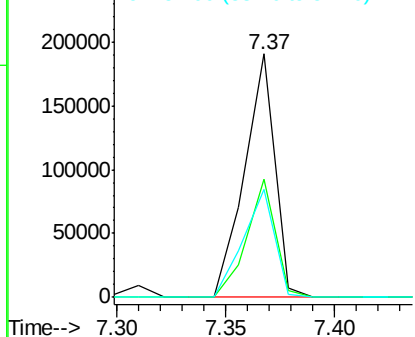
#23
Nitrobenzene-d5
Concen: 55.24 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	82	Resp	183841
Ion Ratio	100	Lower	Upper
128	48.3	34.6	51.8
54	44.3	38.4	57.6

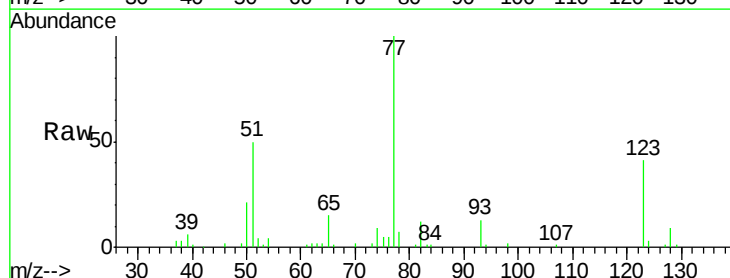


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

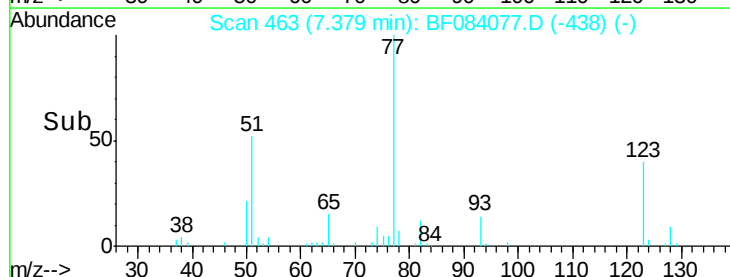
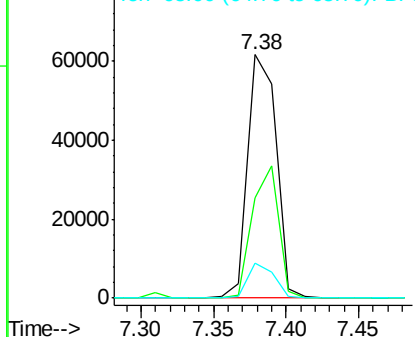


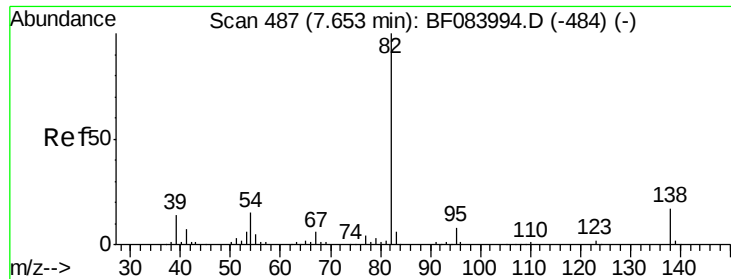
#24
Nitrobenzene
Concen: 24.55 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

Tgt Ion	77	Resp	84216
Ion Ratio	100	Lower	Upper
123	41.3	37.4	56.2
65	14.5	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: 24.95 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

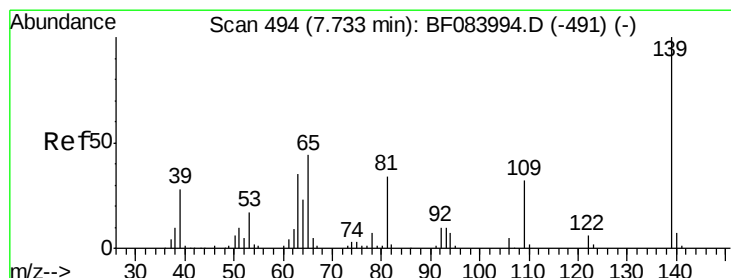
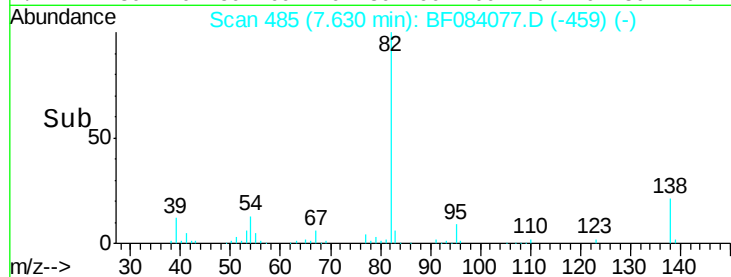
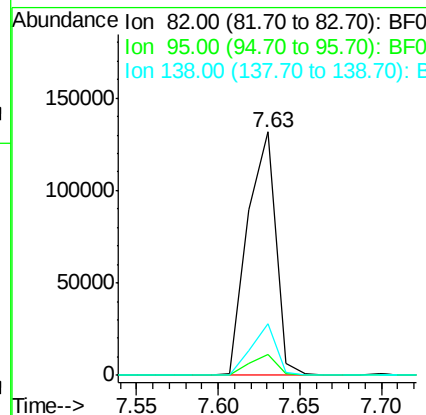
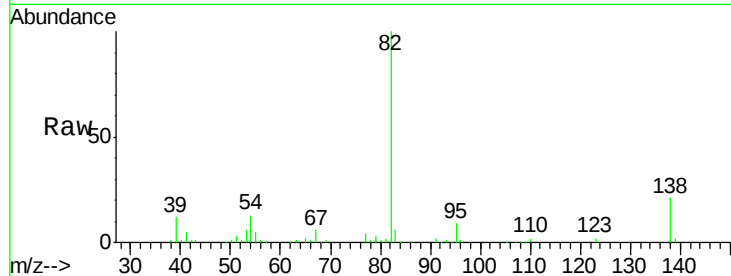
Tot Ion: 82 Resp: 157356

Ion Ratio Lower Upper

82 100

95 8.8 6.6 10.0

138 21.2 13.6 20.4#



#26

2-Nitrophenol

Concen: 24.62 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

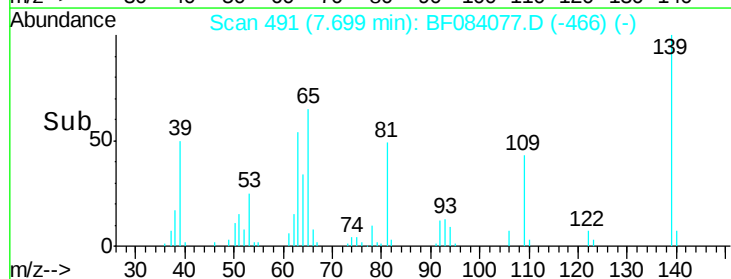
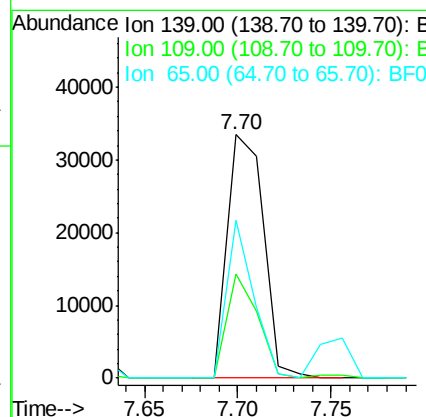
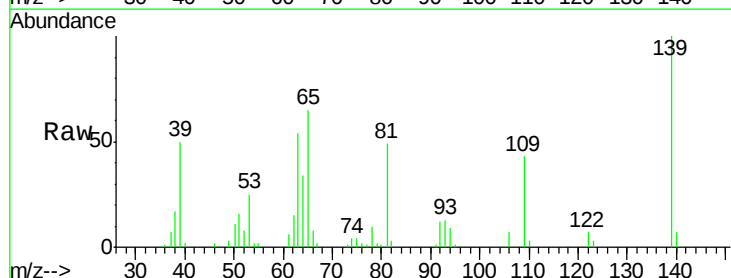
Tgt Ion: 139 Resp: 45451

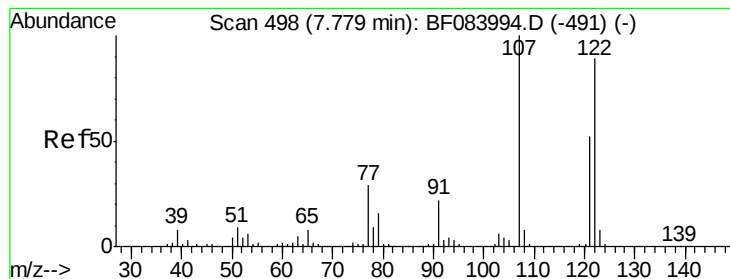
Ion Ratio Lower Upper

139 100

109 42.8 25.4 38.2#

65 64.7 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 23.03 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

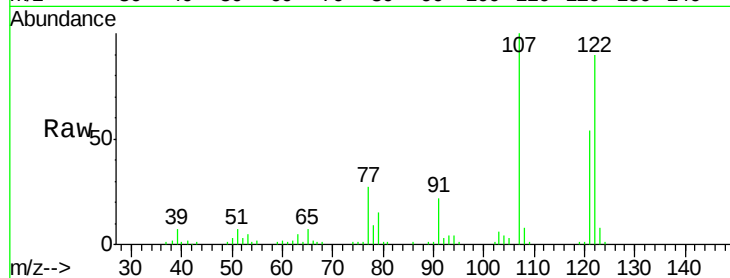
Tot Ion:122 Resp: 74090

Ion Ratio Lower Upper

122 100

107 111.7 99.1 148.7

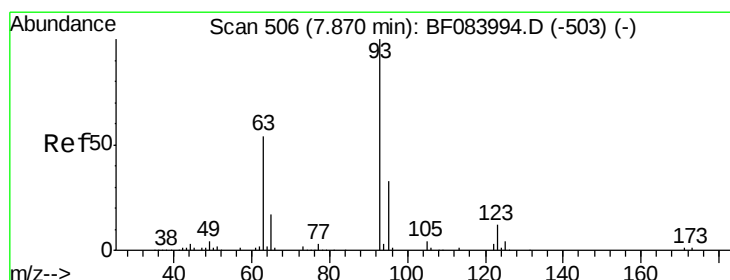
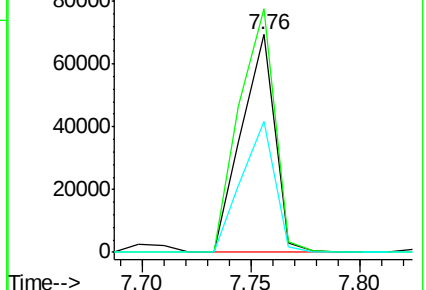
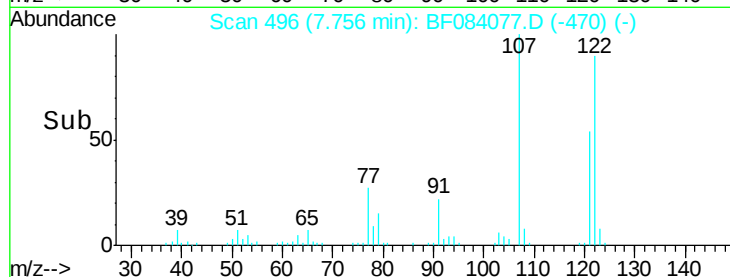
121 60.2 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 23.47 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

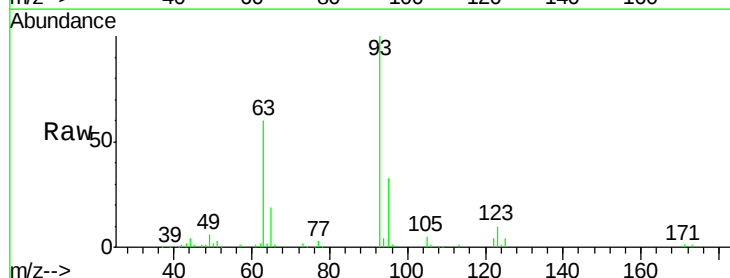
Tgt Ion: 93 Resp: 91677

Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.6

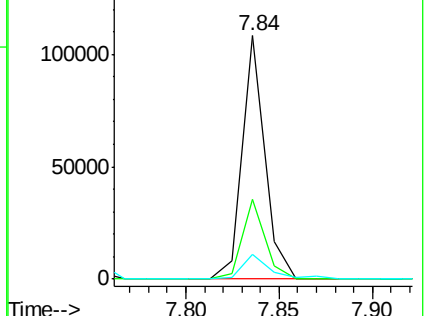
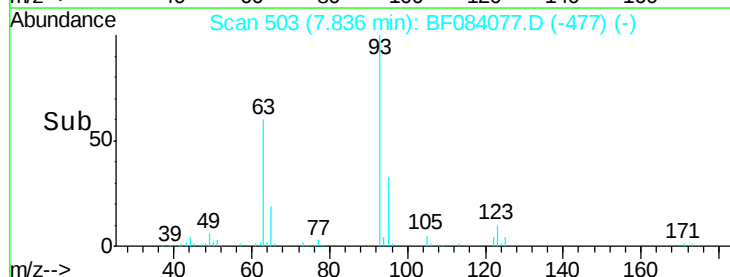
123 10.4 8.6 12.8

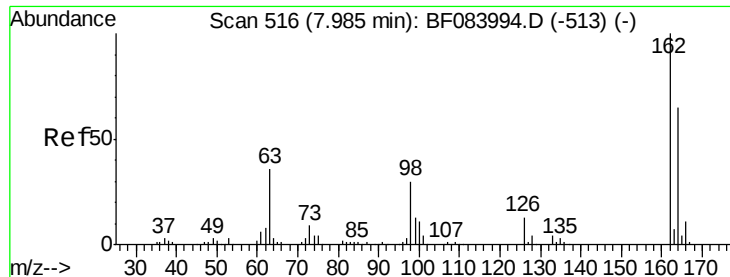


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

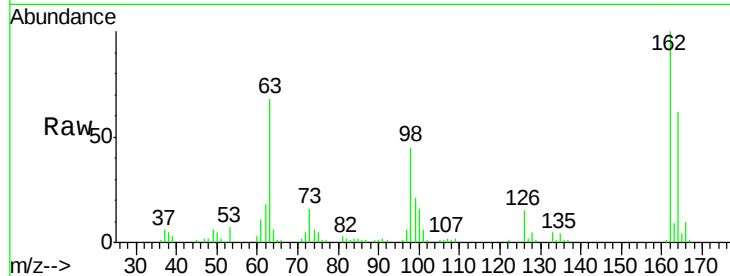




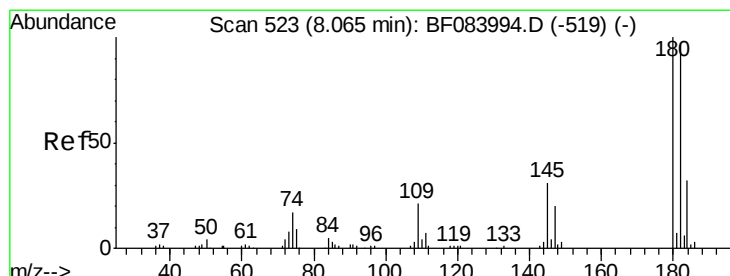
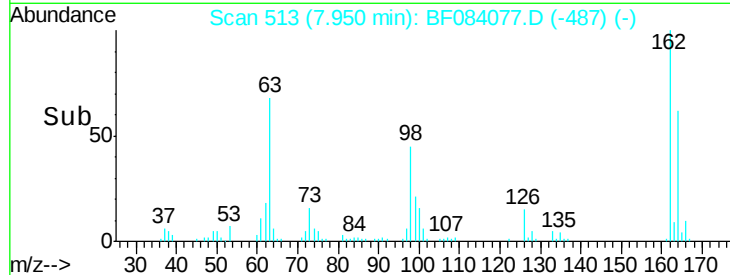
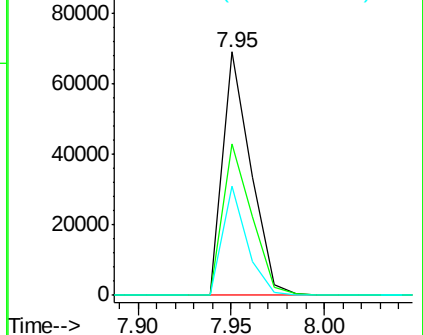
#29
 2,4-Dichlorophenol
 Concen: 25.37 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF084077.D
 Acq: 24 Dec 2015 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:162 Resp: 72929
 Ion Ratio Lower Upper
 162 100
 164 62.3 44.1 84.1
 98 44.8 20.2 60.2

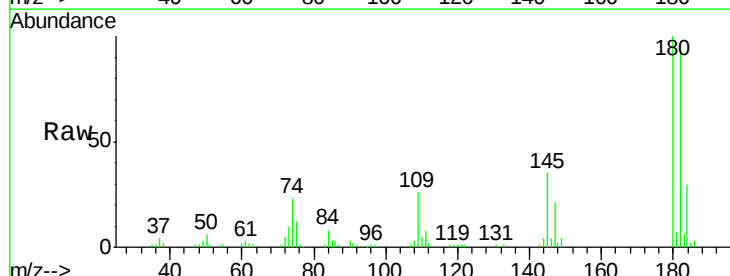


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

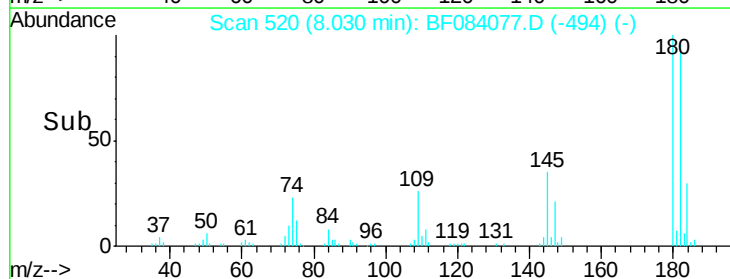
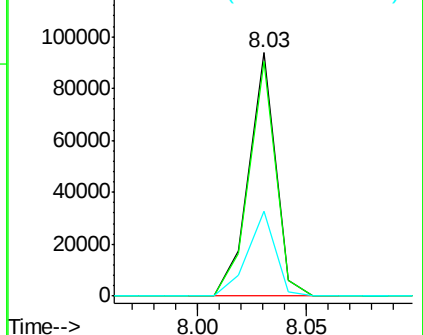


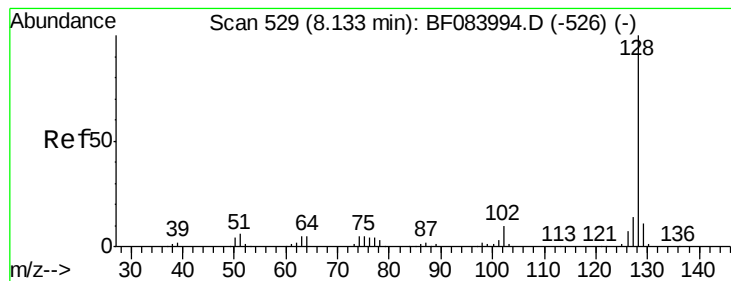
#30
 1,2,4-Trichlorobenzene
 Concen: 26.84 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF084077.D
 Acq: 24 Dec 2015 14:06

Tgt Ion:180 Resp: 80475
 Ion Ratio Lower Upper
 180 100
 182 96.5 76.4 114.6
 145 34.7 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: 25.90 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

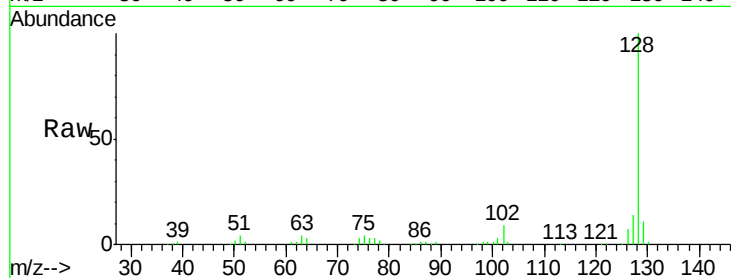
Tot Ion:128 Resp: 270543

Ion Ratio Lower Upper

128 100

129 10.7 9.1 13.7

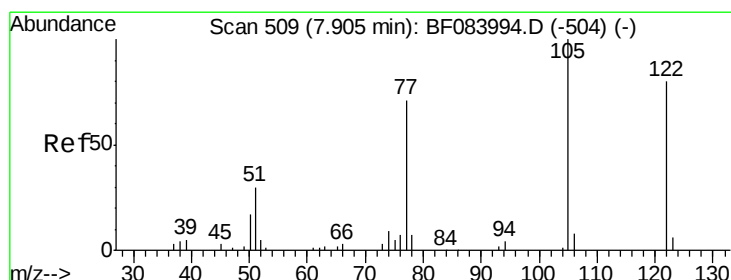
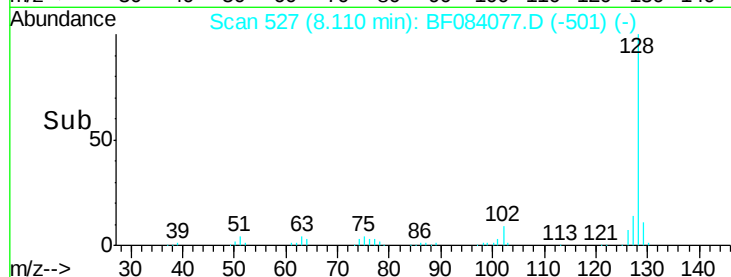
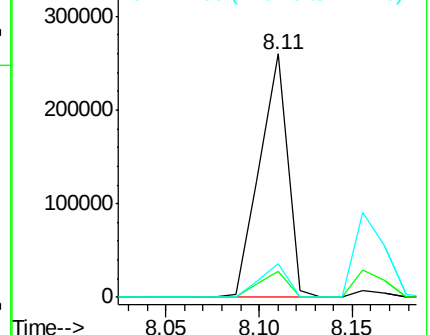
127 13.6 11.1 16.7



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: 26.93 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

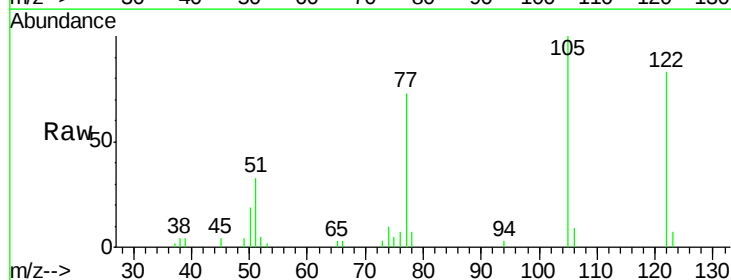
Tgt Ion:122 Resp: 36744

Ion Ratio Lower Upper

122 100

105 120.3 100.3 140.3

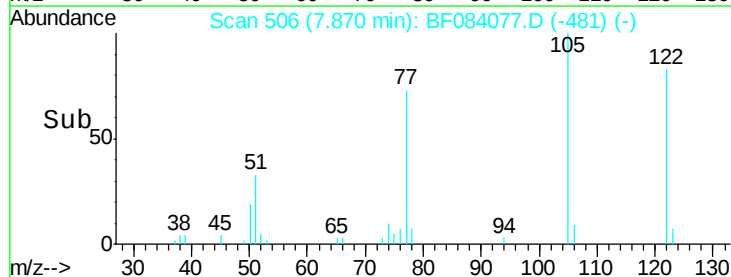
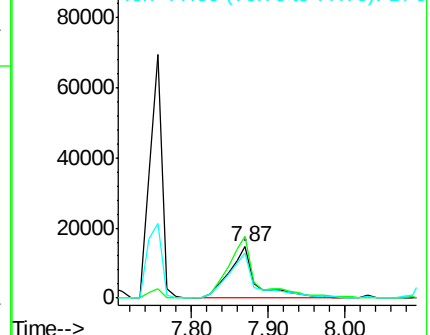
77 87.6 63.5 103.5

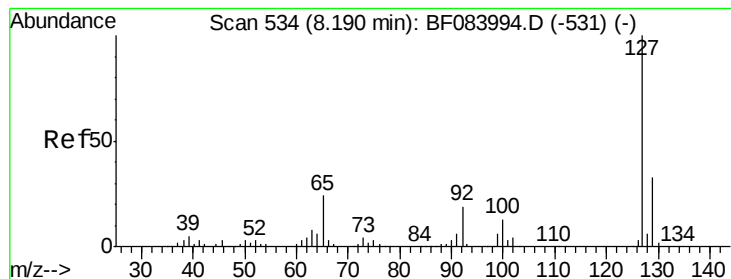


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 24.26 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:127 Resp: 103612

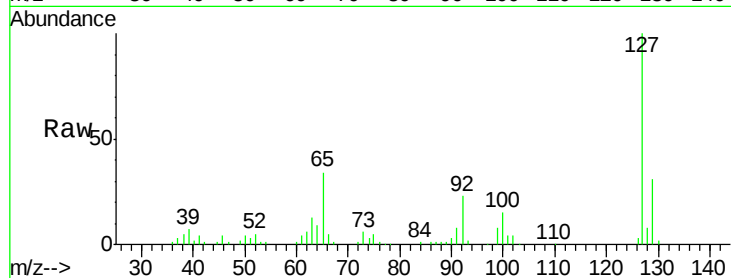
Ion Ratio Lower Upper

127 100

129 31.5 26.5 39.7

65 33.7 27.2 40.8

92 22.8 17.7 26.5

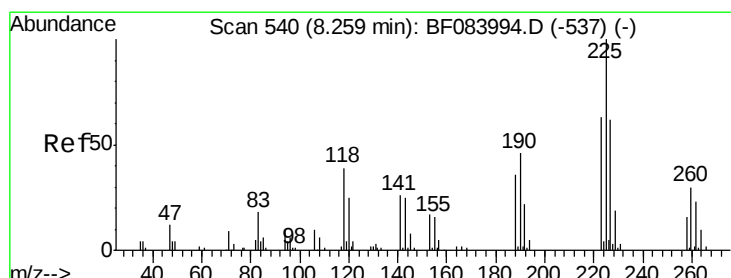
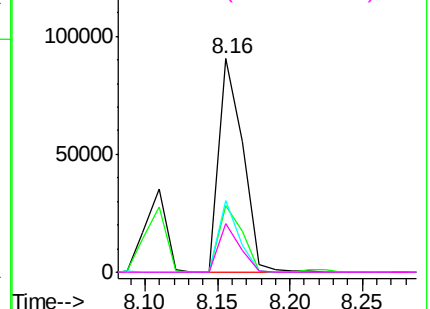
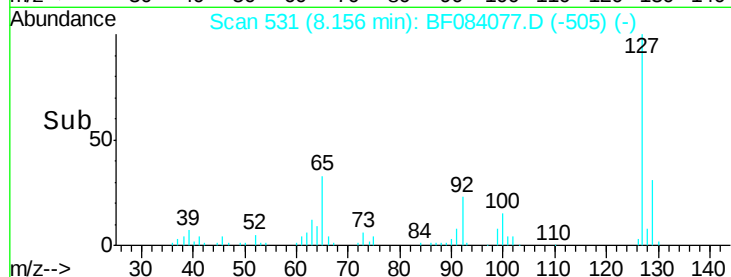


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 23.93 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

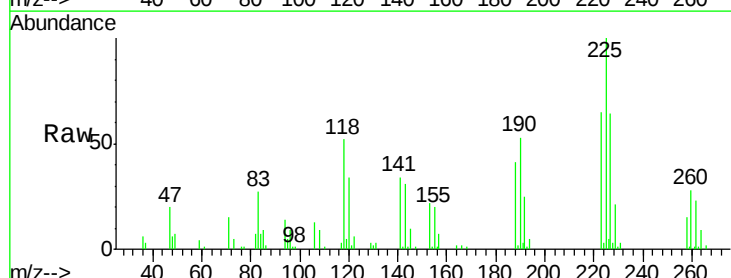
Tgt Ion:225 Resp: 42878

Ion Ratio Lower Upper

225 100

223 64.8 49.4 74.0

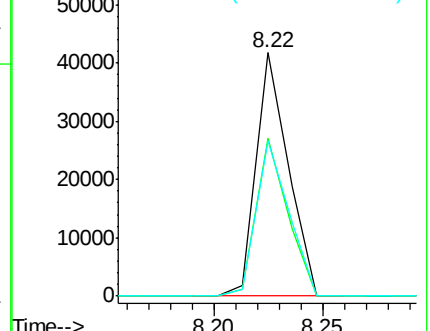
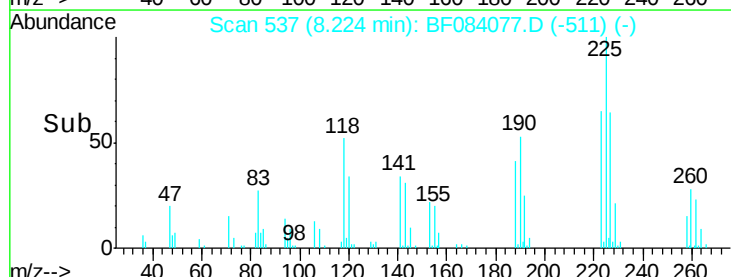
227 63.7 50.8 76.2

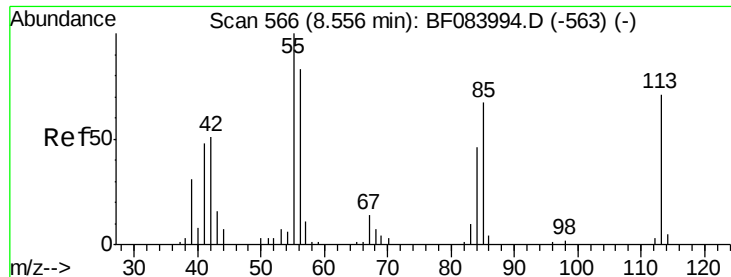


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

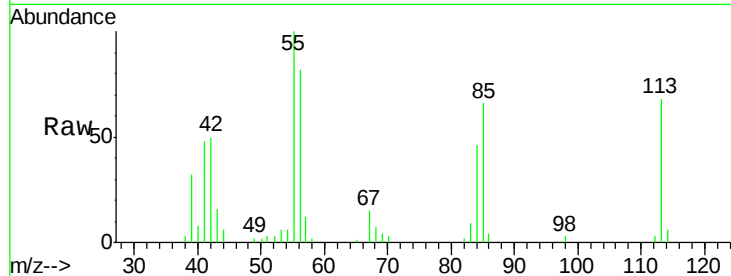




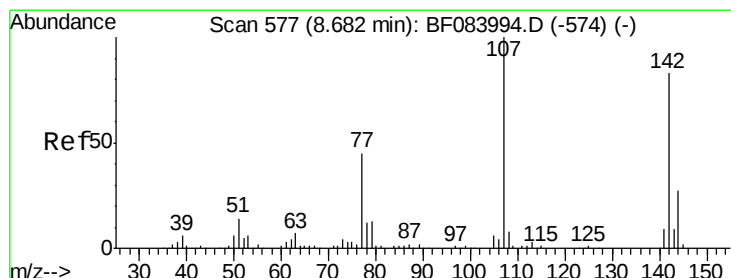
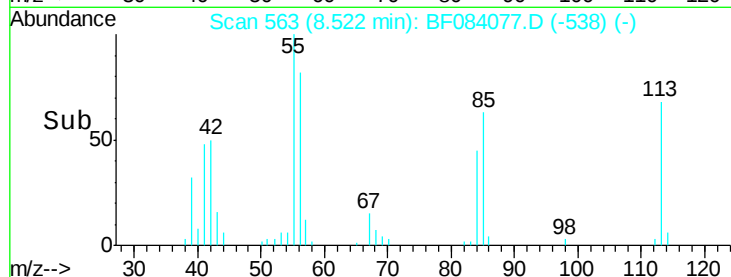
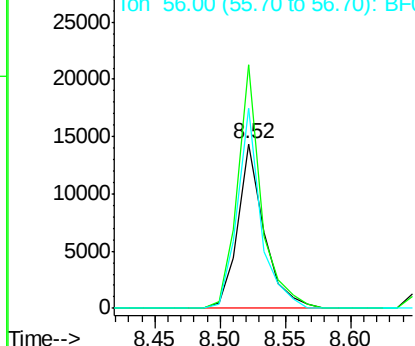
#35
Caprolactam
Concen: 23.21 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion:113 Resp: 20051
Ion Ratio Lower Upper
113 100
55 148.0 116.9 156.9
56 121.4 93.8 133.8

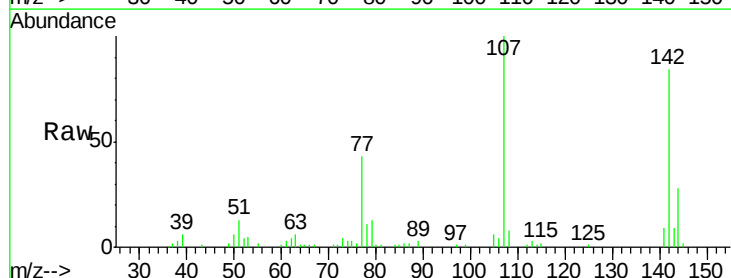


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

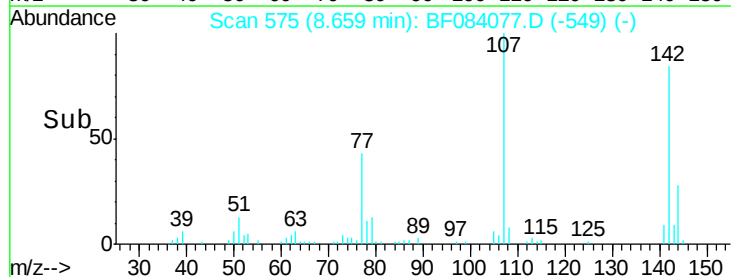
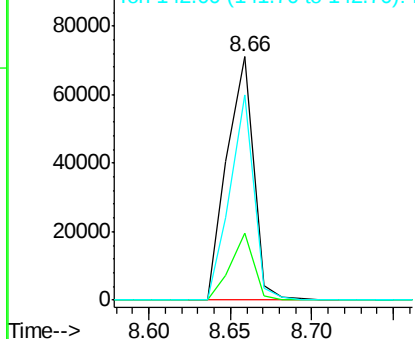


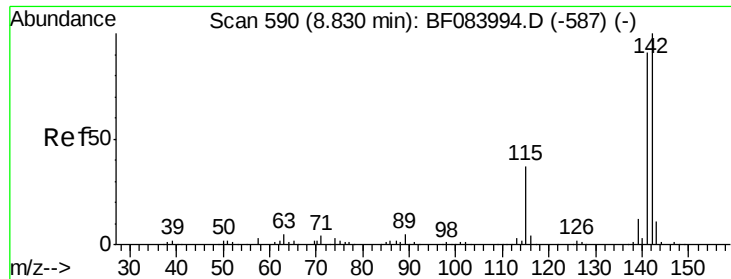
#36
4-Chloro-3-methylphenol
Concen: 26.10 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

Tgt Ion:107 Resp: 80251
Ion Ratio Lower Upper
107 100
144 27.5 19.7 29.5
142 84.4 61.8 92.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

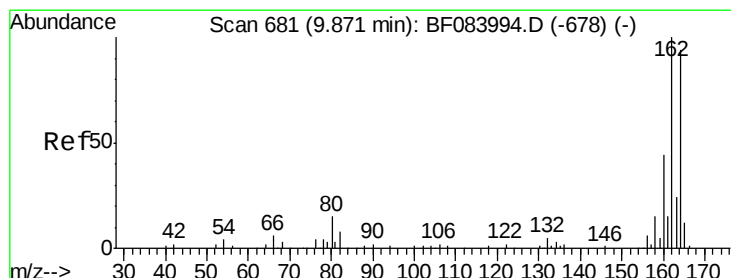
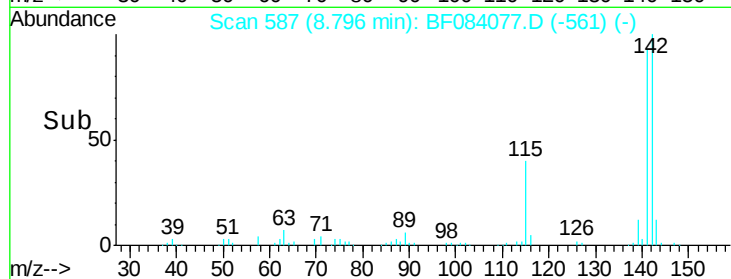
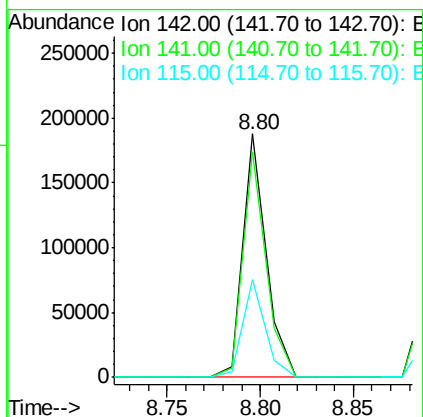
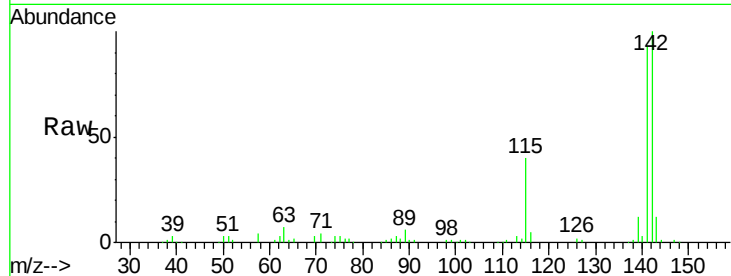




#37
2-Methylnaphthalene
Concen: 24.25 ng
RT: 8.80 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

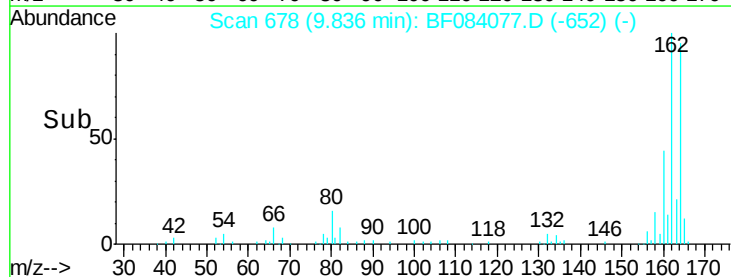
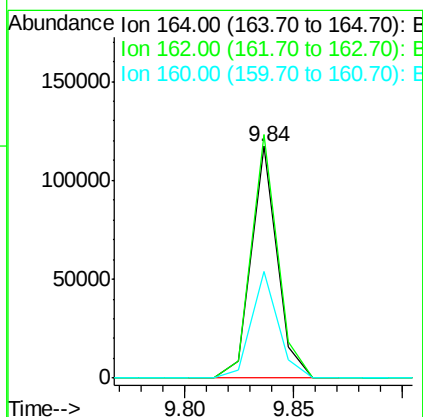
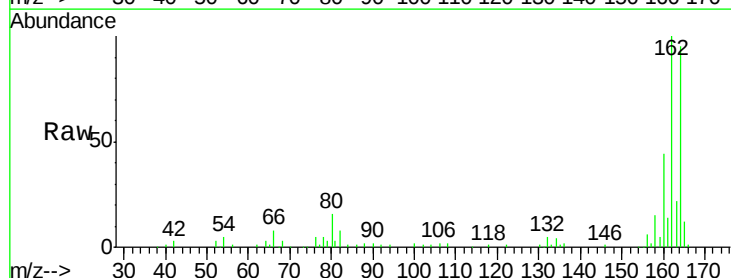
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

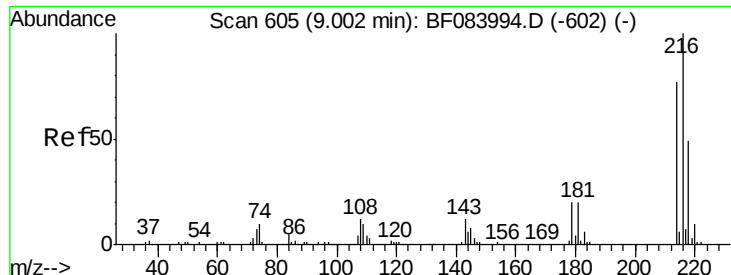
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.6	72.4	108.6
115	40.3	27.9	41.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	85.1	127.7
160	45.9	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 26.61 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:216 Resp: 77442

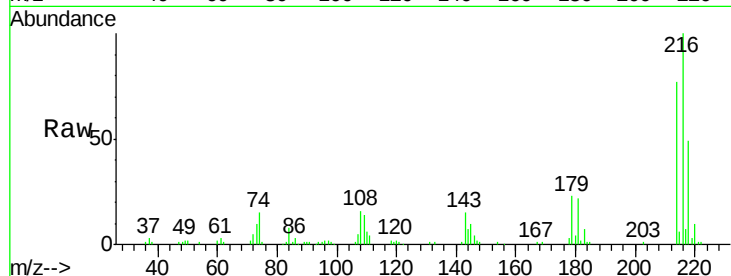
Ion Ratio Lower Upper

216 100

214 77.8 64.2 96.2

179 23.1 18.7 28.1

108 18.9 16.8 25.2

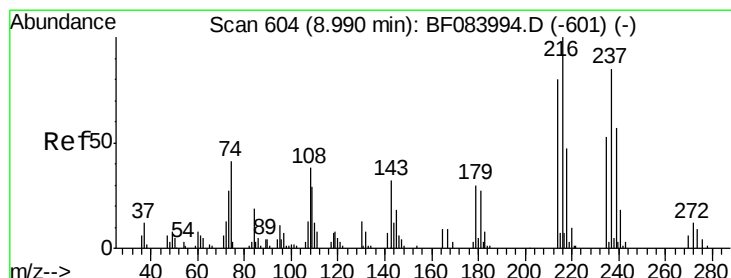
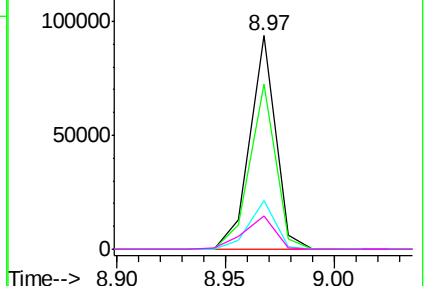
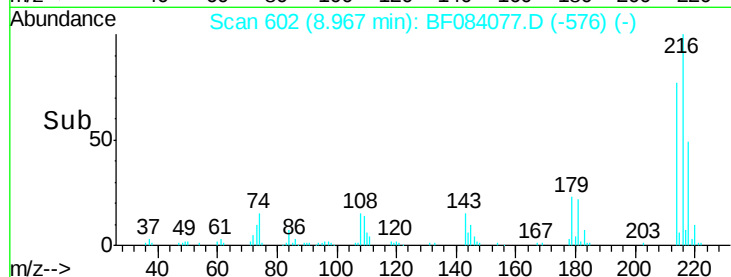


Abundance Ion 216.00 (215.70 to 216.70): E

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: 16.10 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

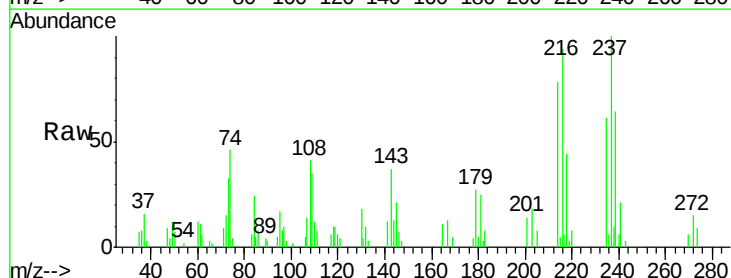
Tgt Ion:237 Resp: 10894

Ion Ratio Lower Upper

237 100

235 61.1 43.1 83.1

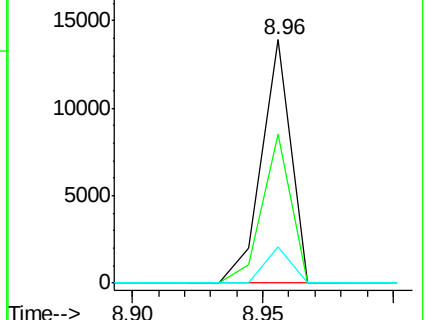
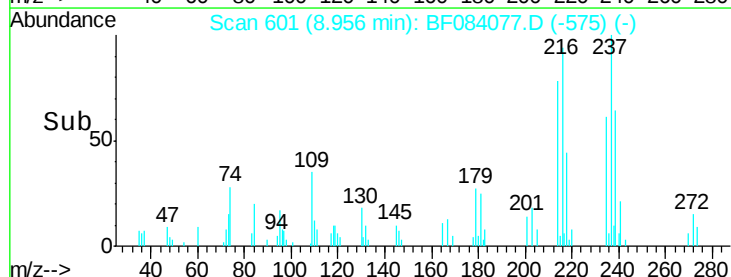
272 14.8 0.0 35.1

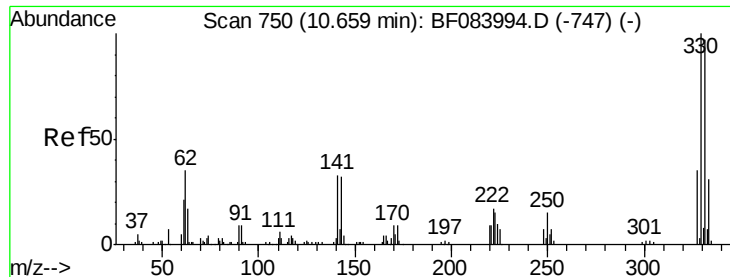


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

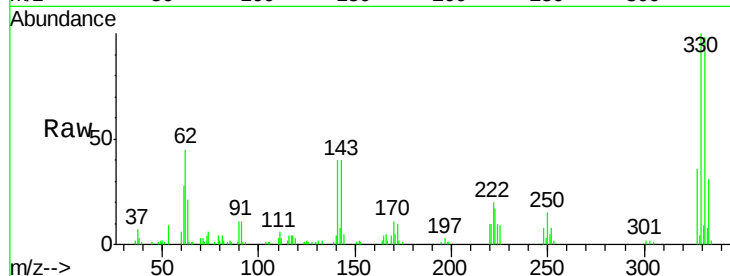




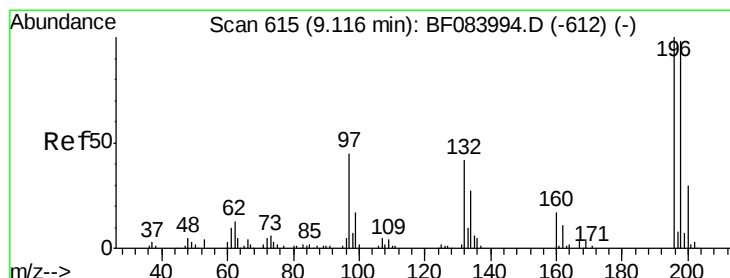
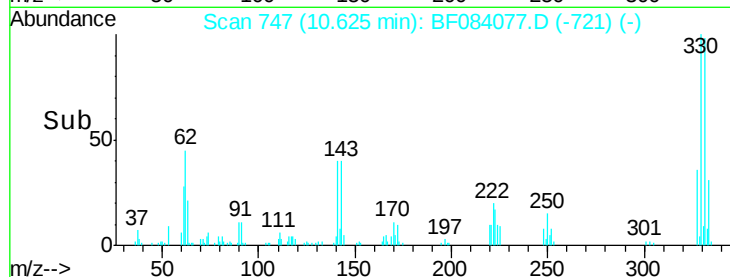
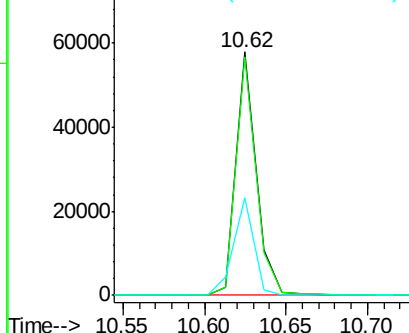
#41
 2,4,6-Tribromophenol
 Concen: 52.75 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF084077.D
 Acq: 24 Dec 2015 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:330 Resp: 49122
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 114.8
 141 40.2 27.8 41.6

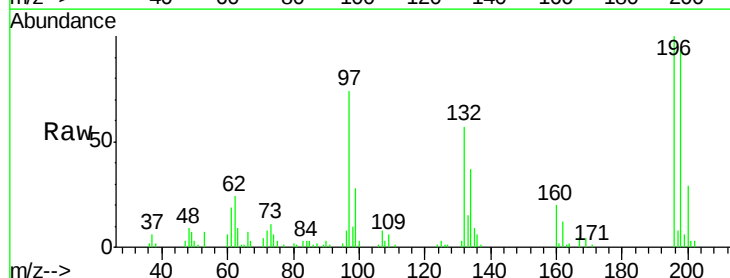


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

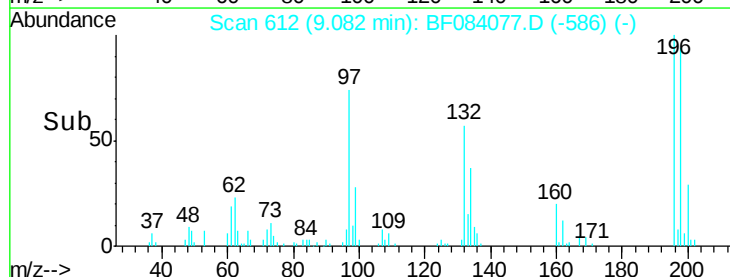
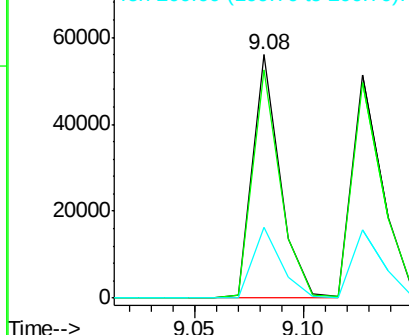


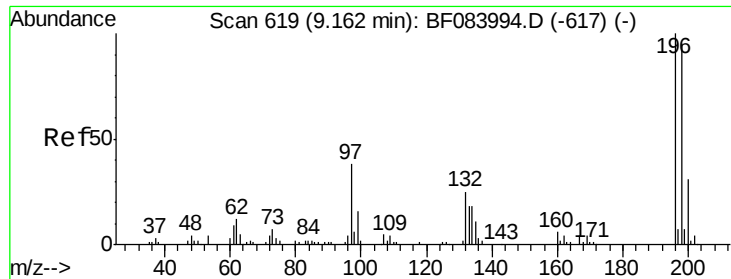
#42
 2,4,6-Trichlorophenol
 Concen: 28.06 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF084077.D
 Acq: 24 Dec 2015 14:06

Tgt Ion:196 Resp: 49175
 Ion Ratio Lower Upper
 196 100
 198 94.0 77.7 116.5
 200 29.2 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

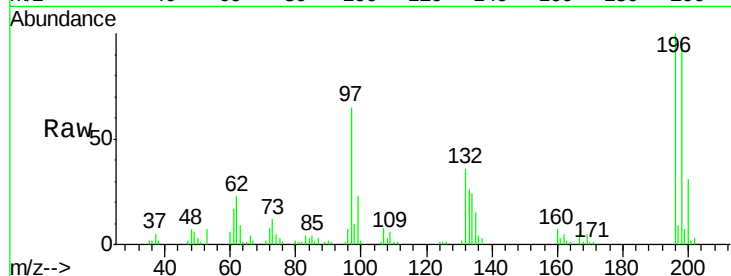




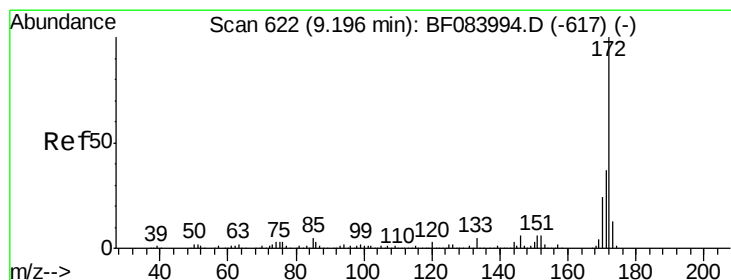
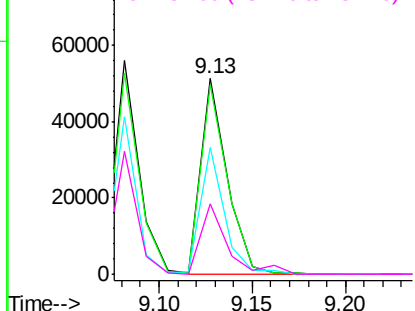
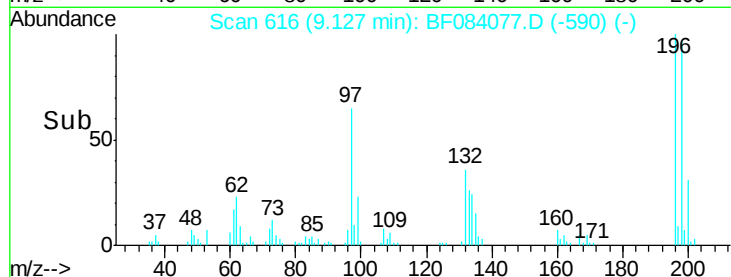
#43
 2,4,5-Trichlorophenol
 Concen: 27.29 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF084077.D
 Acq: 24 Dec 2015 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:196 Resp: 49782
 Ion Ratio Lower Upper
 196 100
 198 96.9 79.0 118.6
 97 64.7 33.0 49.6#
 132 36.3 21.1 31.7#

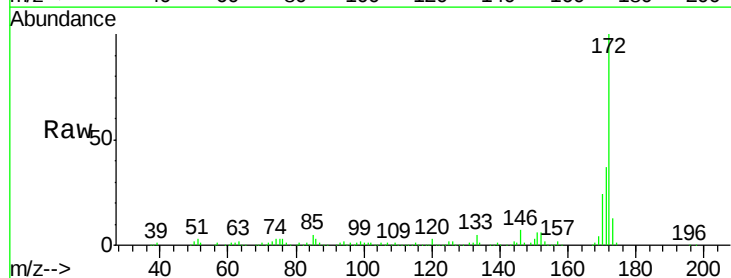


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

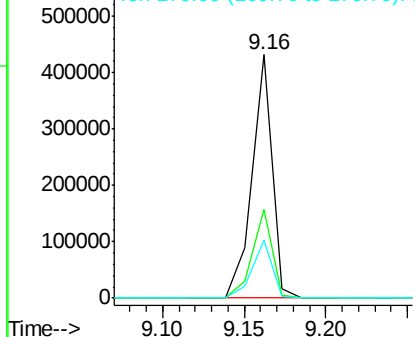
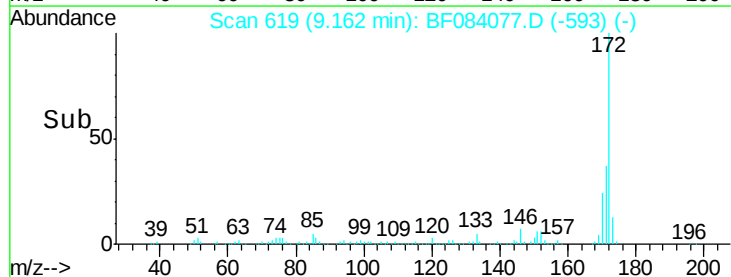


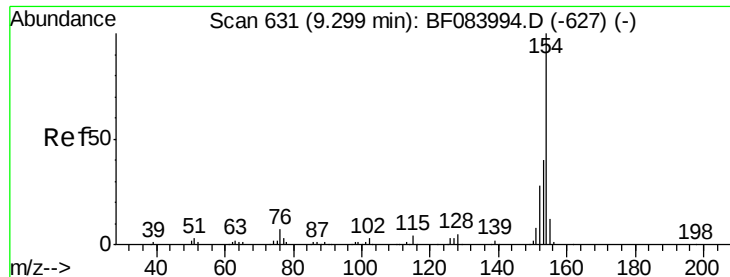
#44
 2-Fluorobiphenyl
 Concen: 51.33 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084077.D
 Acq: 24 Dec 2015 14:06

Tgt Ion:172 Resp: 369306
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 23.7 18.6 27.8



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





#45

1,1'-Biphenyl

Concen: 25.58 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

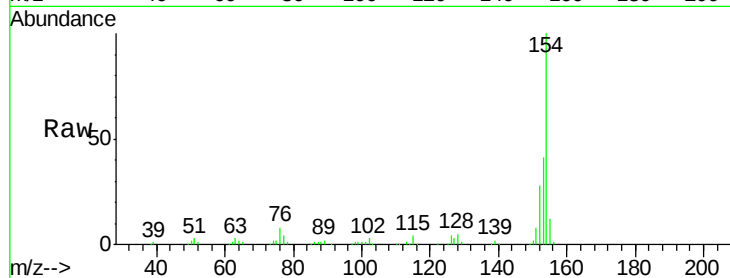
Tot Ion:154 Resp: 218915

Ion Ratio Lower Upper

154 100

153 40.7 21.6 61.6

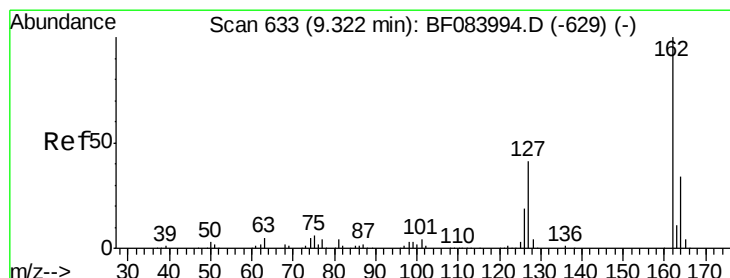
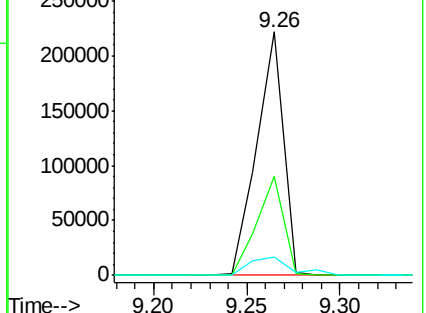
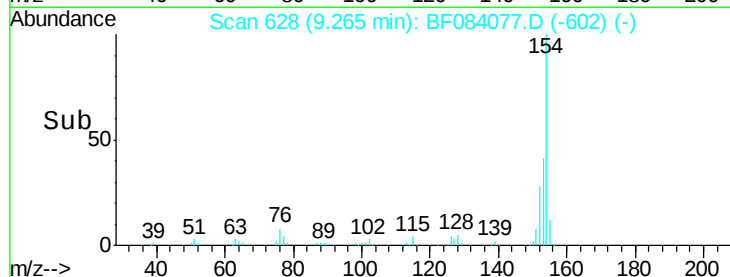
76 7.7 0.0 32.7



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: 27.82 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

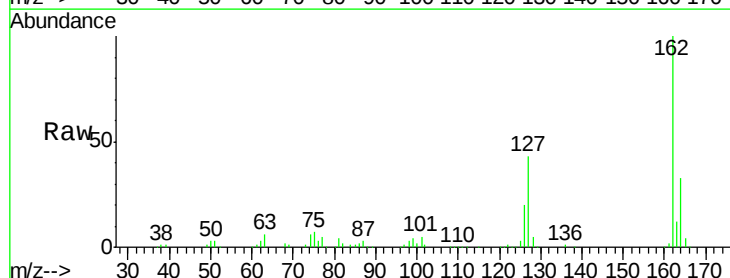
Tgt Ion:162 Resp: 171405

Ion Ratio Lower Upper

162 100

127 43.2 40.2 60.4

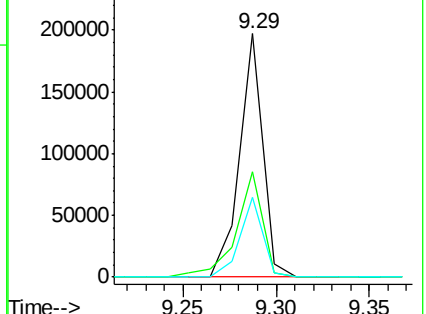
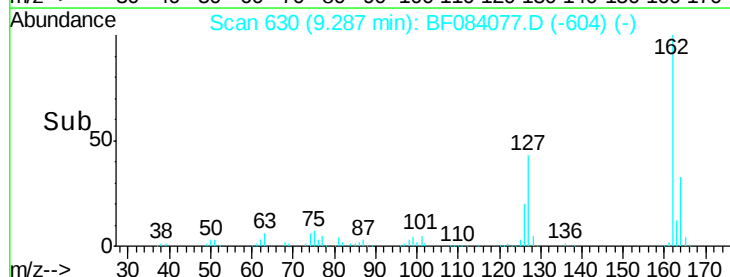
164 32.7 25.7 38.5

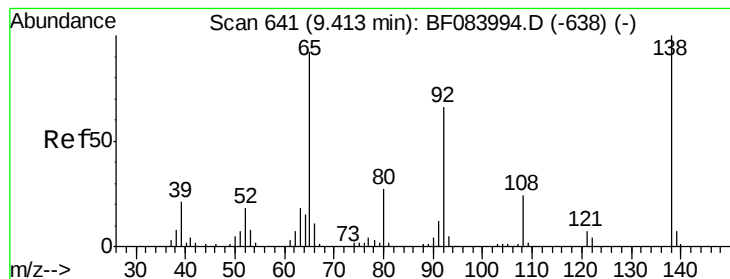


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 25.09 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

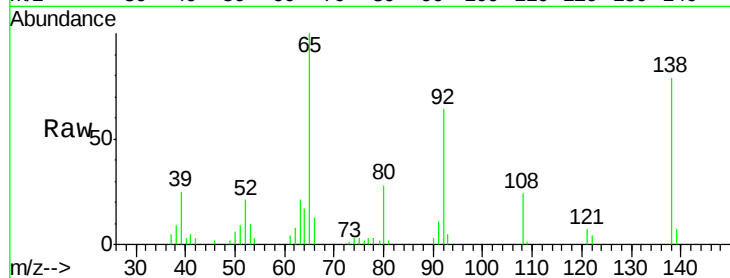
Tot Ion: 65 Resp: 42142

Ion Ratio Lower Upper

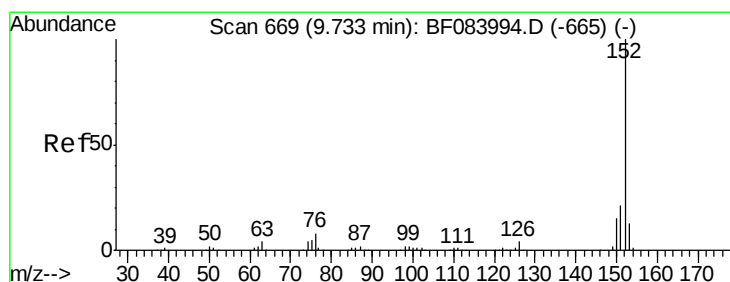
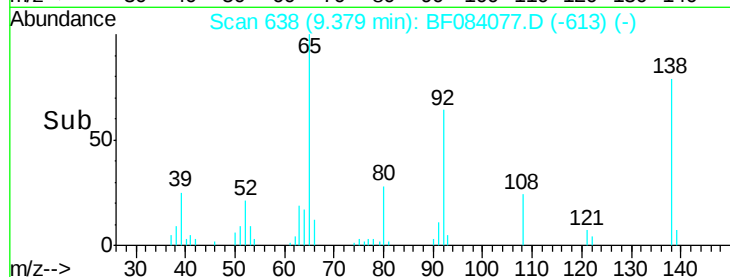
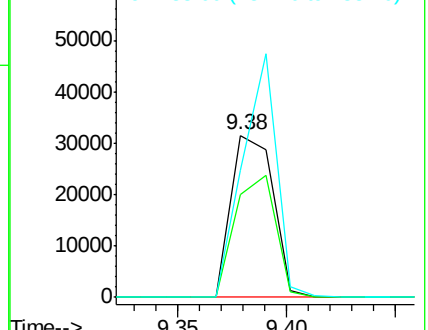
65 100

92 63.8 53.4 80.2

138 78.6 71.1 106.7



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



#48

Acenaphthylene

Concen: 28.30 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

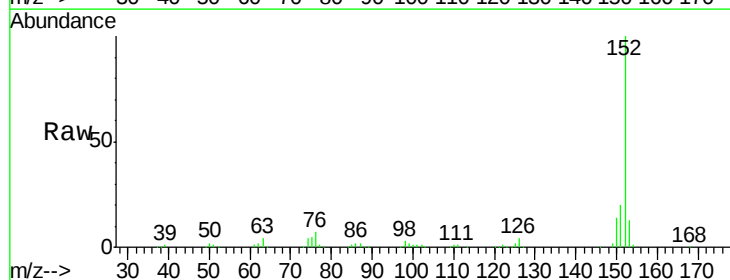
Tgt Ion: 152 Resp: 276110

Ion Ratio Lower Upper

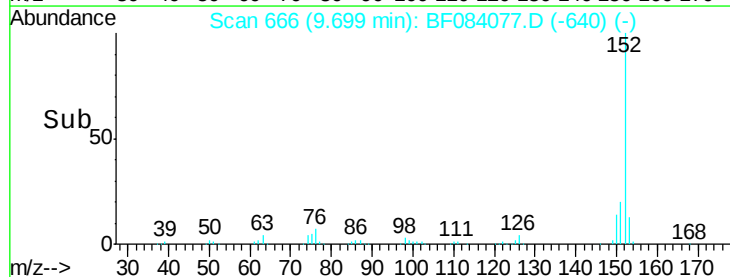
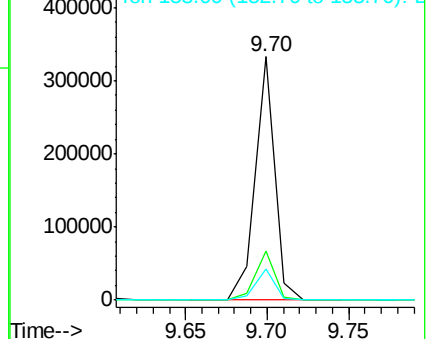
152 100

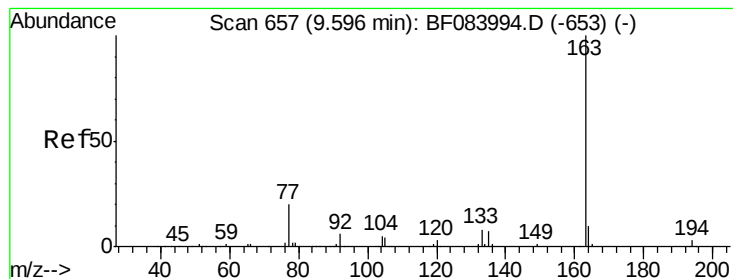
151 20.4 16.3 24.5

153 13.0 10.4 15.6



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





#49

Dimethylphthalate

Concen: 24.71 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

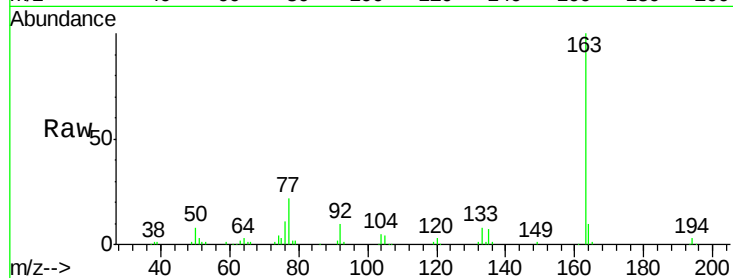
Instrument :

BNA_F

ClientSampleId :

SSTDIC025

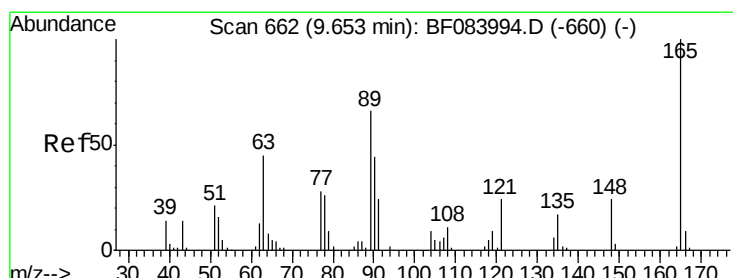
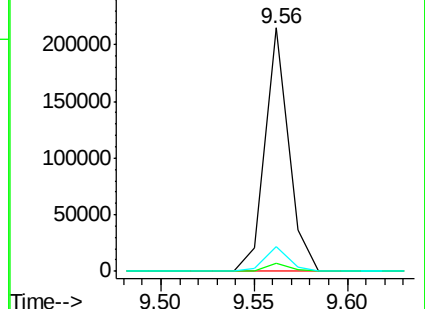
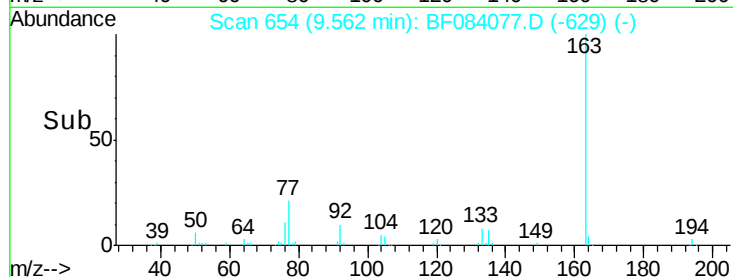
Tot Ion:163	Resp:	187213
Ion Ratio	Lower	Upper
163	100	
194	3.1	8.0 12.0#
164	10.0	8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 25.82 ng

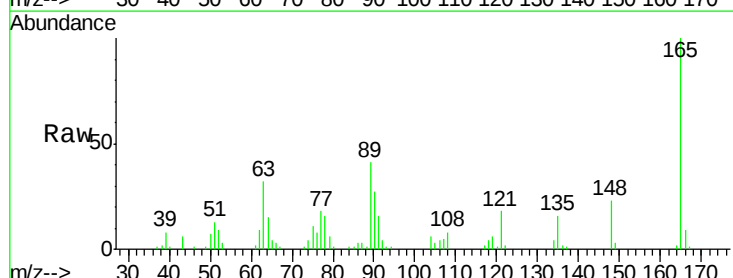
RT: 9.63 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

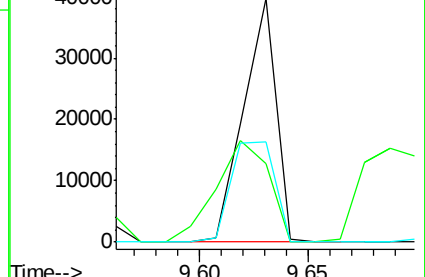
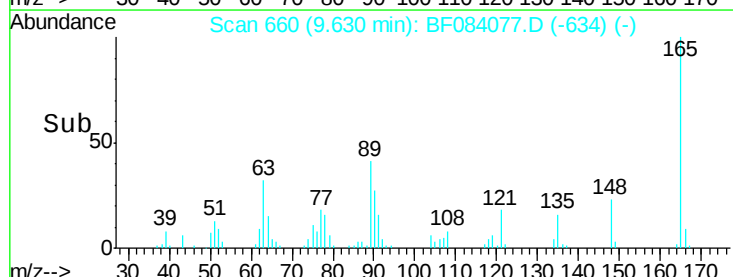
Tgt Ion:165	Resp:	41284
Ion Ratio	Lower	Upper
165	100	
63	32.2	28.8 43.2
89	41.0	35.1 52.7

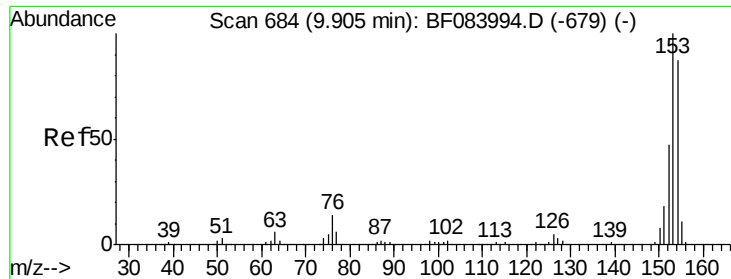


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

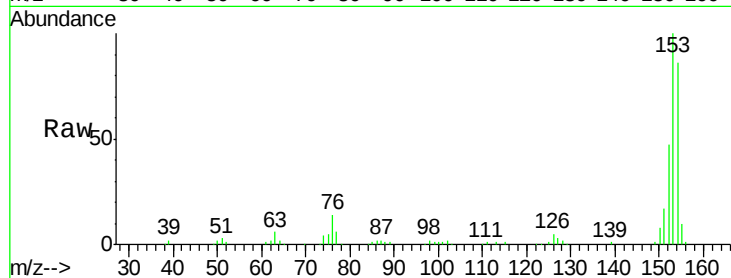




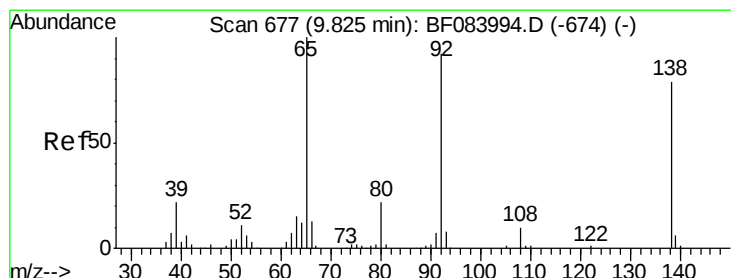
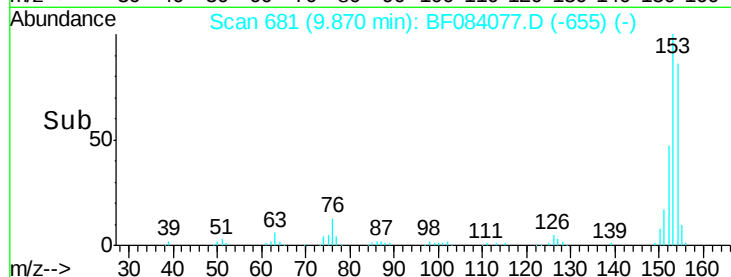
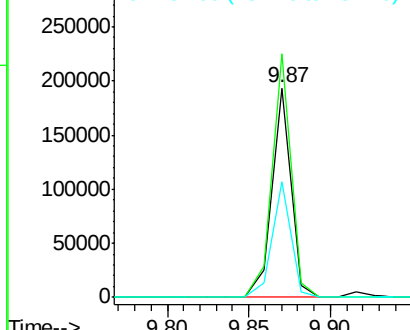
#51
Acenaphthene
Concen: 27.42 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:154 Resp: 159103
Ion Ratio Lower Upper
154 100
153 116.2 91.5 137.3
152 54.9 43.0 64.6

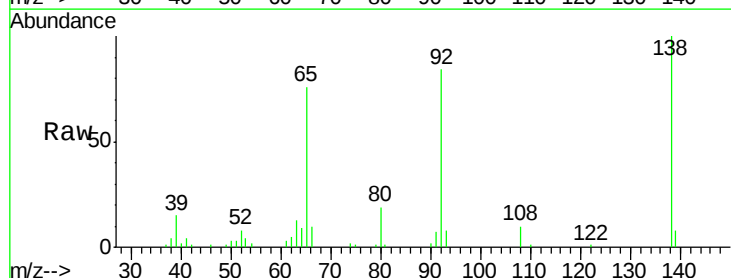


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

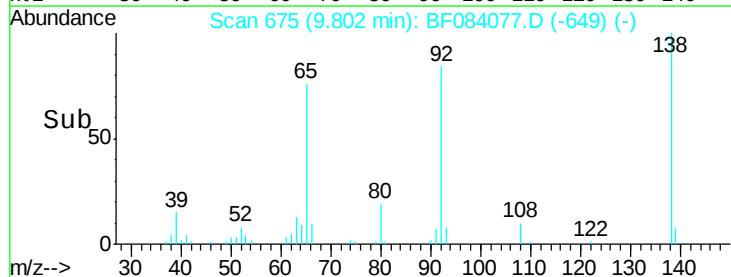
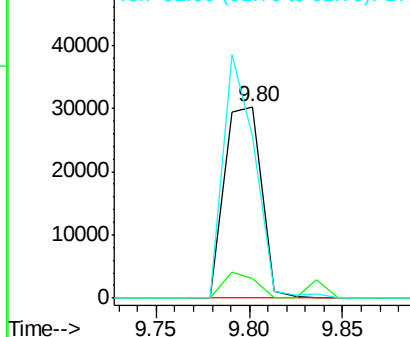


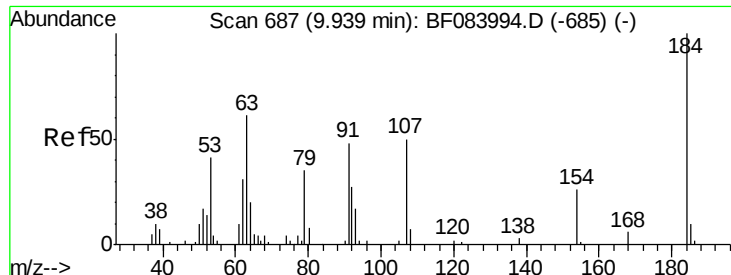
#52
3-Nitroaniline
Concen: 24.65 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

Tgt Ion:138 Resp: 41867
Ion Ratio Lower Upper
138 100
108 10.4 10.5 15.7#
92 84.1 103.9 155.9#



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

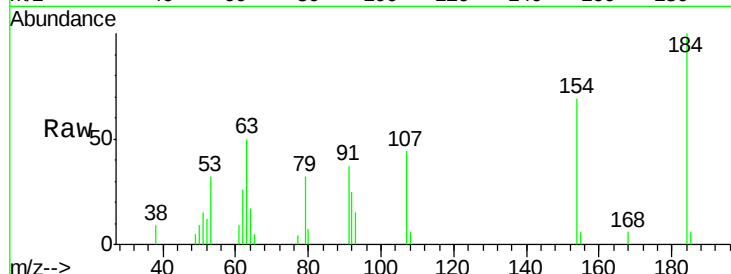




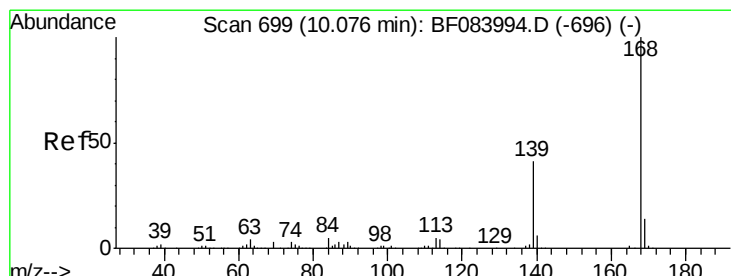
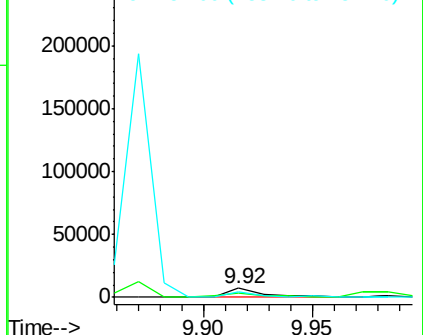
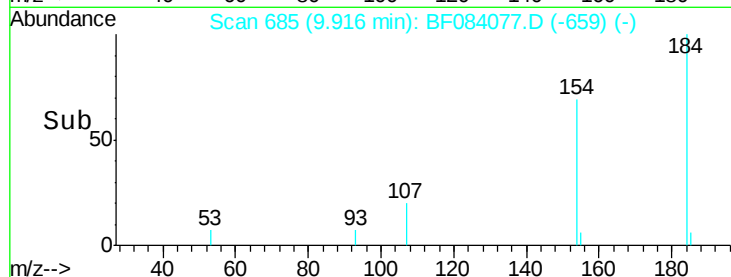
#53
2,4-Dinitrophenol
Concen: 15.06 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:184 Resp: 8465
Ion Ratio Lower Upper
184 100
63 49.6 43.1 64.7
154 69.4 60.5 90.7

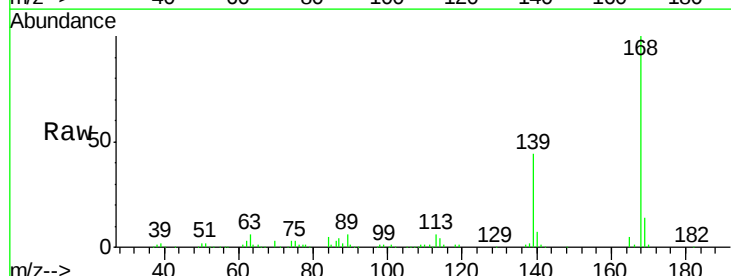


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

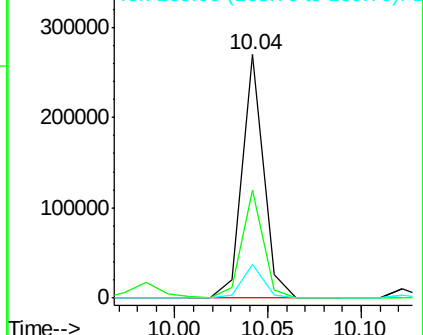
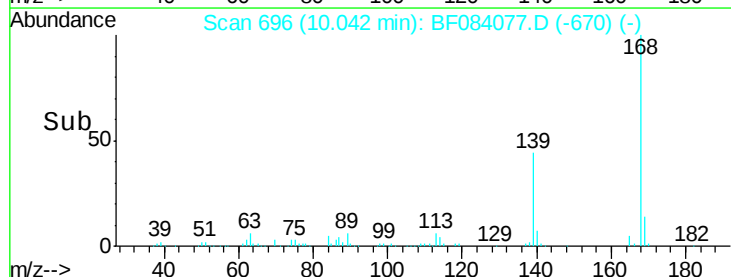


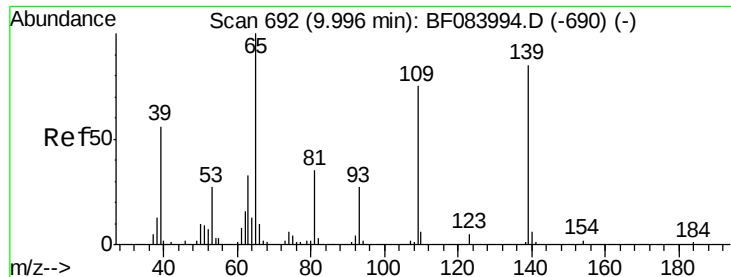
#54
Dibenzofuran
Concen: 25.05 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

Tgt Ion:168 Resp: 217528
Ion Ratio Lower Upper
168 100
139 44.2 30.5 45.7
169 13.7 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

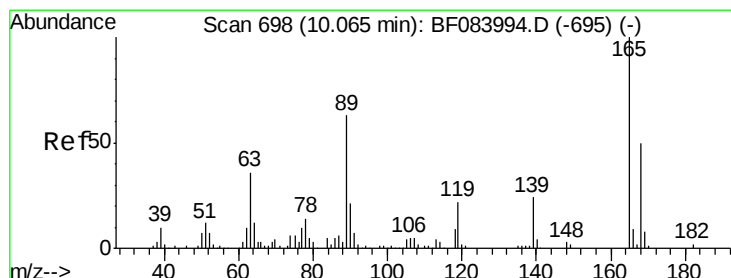
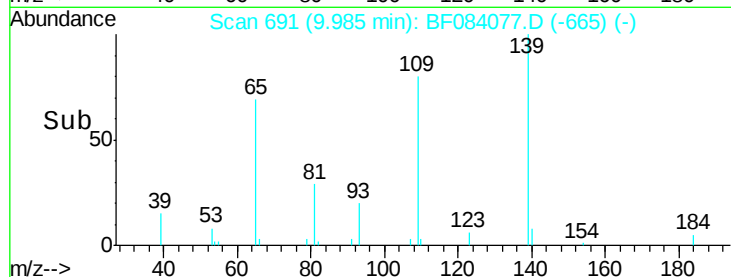
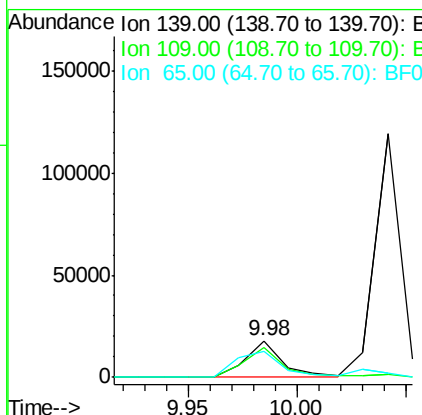
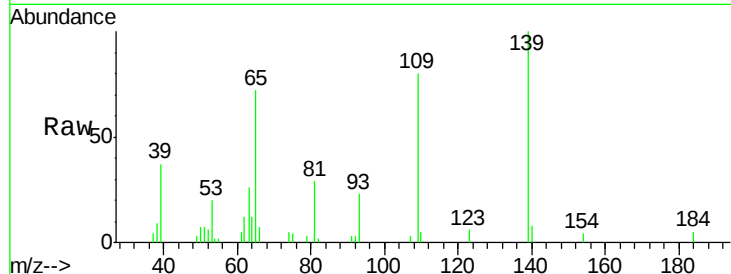




#55
4-Nitrophenol
Concen: 21.24 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

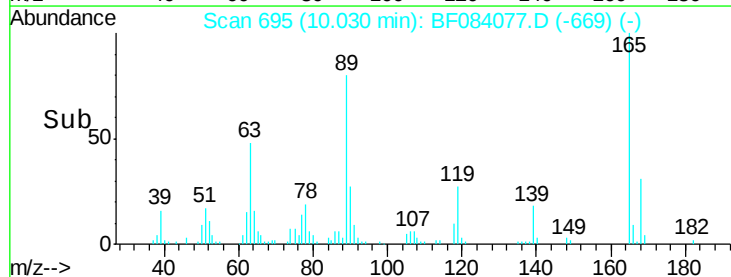
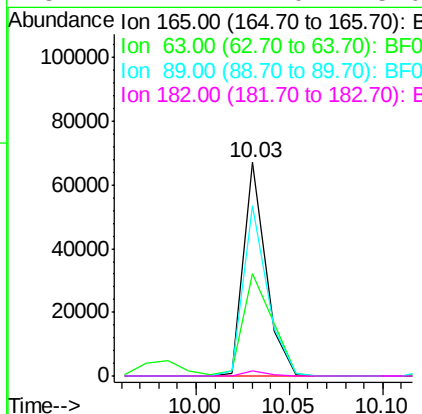
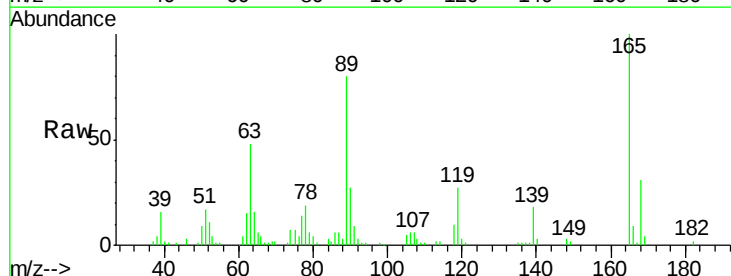
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

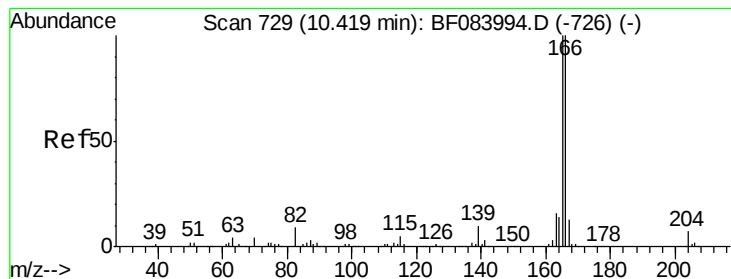
Tot Ion:139 Resp: 21197
Ion Ratio Lower Upper
139 100
109 79.5 58.5 98.5
65 72.1 57.6 97.6



#56
2,4-Dinitrotoluene
Concen: 28.11 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

Tgt Ion:165 Resp: 56511
Ion Ratio Lower Upper
165 100
63 48.2 36.7 55.1
89 79.6 61.9 92.9
182 2.2 2.0 3.0





#57

Fluorene

Concen: 27.39 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

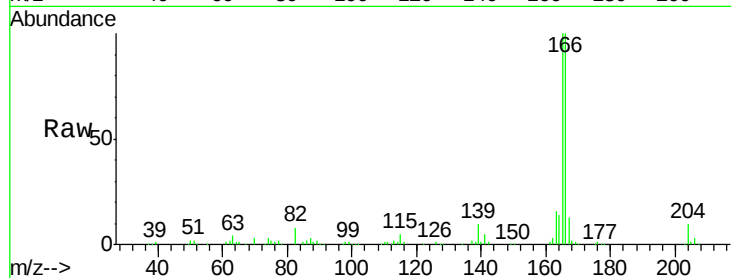
Tot Ion:166 Resp: 188441

Ion Ratio Lower Upper

166 100

165 99.8 79.1 118.7

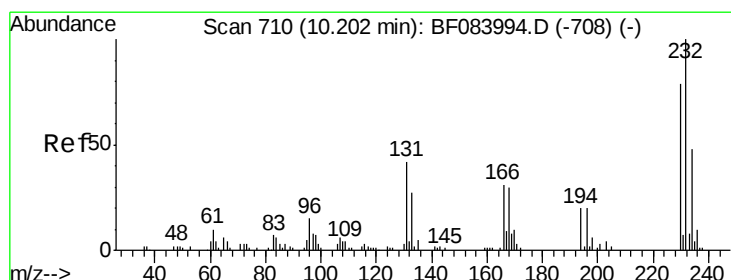
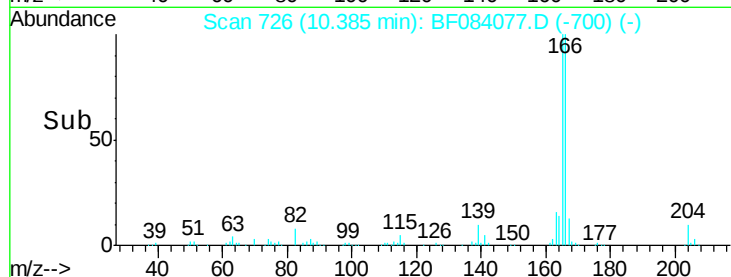
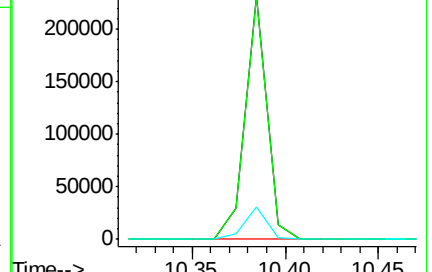
167 13.1 10.4 15.6



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: 25.04 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

Tgt Ion:232 Resp: 36014

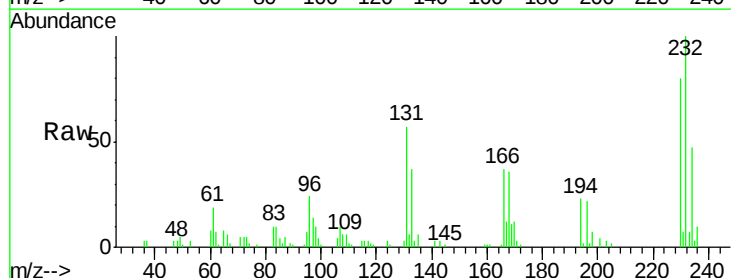
Ion Ratio Lower Upper

232 100

131 53.5 47.0 70.6

130 2.5 2.0 3.0

166 34.7 30.5 45.7

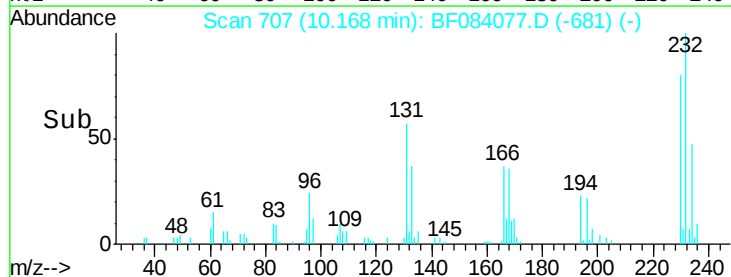
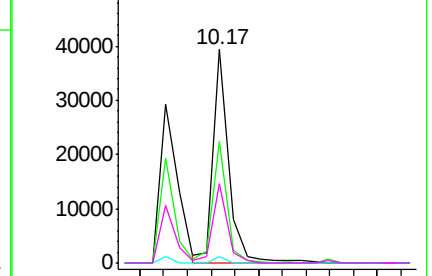


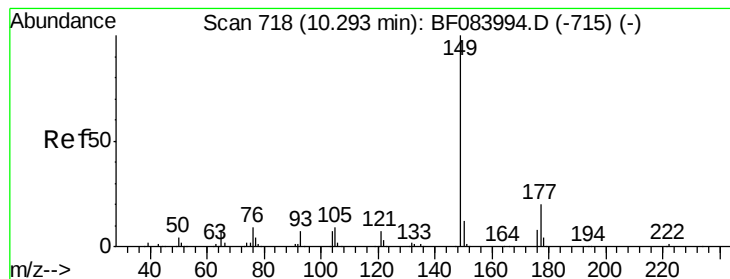
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 26.26 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

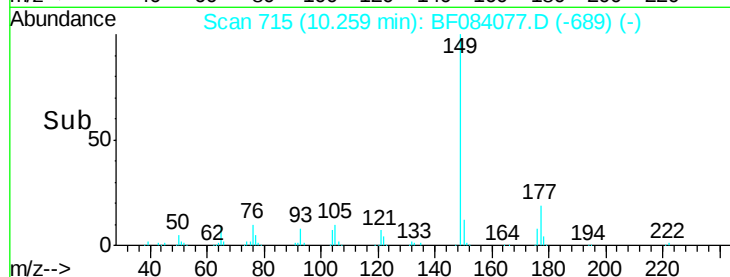
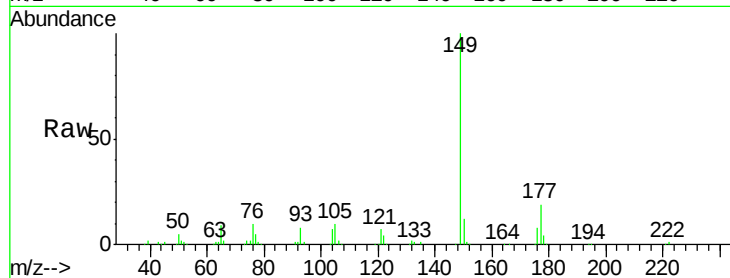
Tot Ion:149 Resp: 195514

Ion Ratio Lower Upper

149 100

177 19.4 17.3 25.9

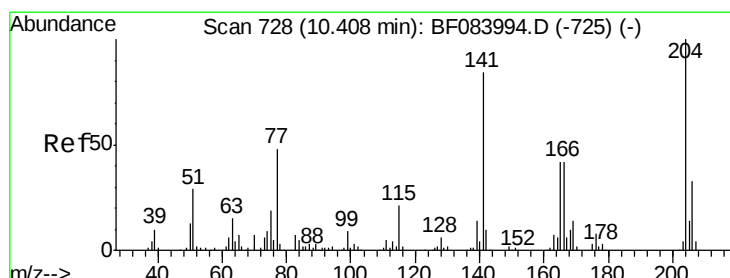
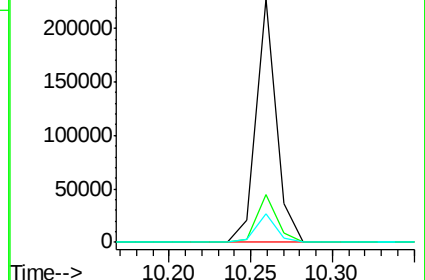
150 11.9 9.8 14.8



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: 25.93 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

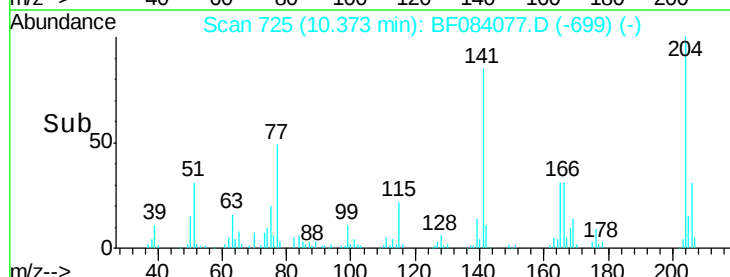
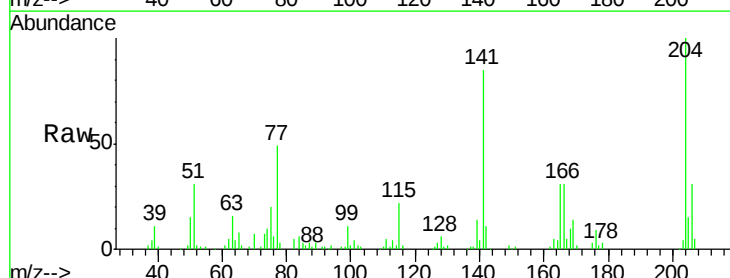
Tgt Ion:204 Resp: 81764

Ion Ratio Lower Upper

204 100

206 31.2 25.7 38.5

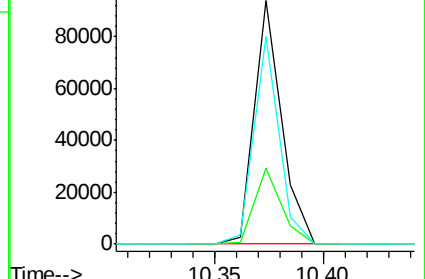
141 85.4 55.1 82.7#

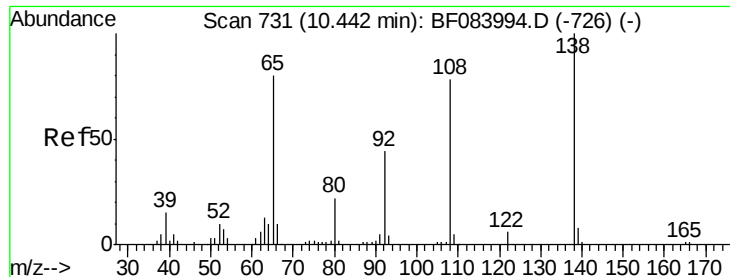


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

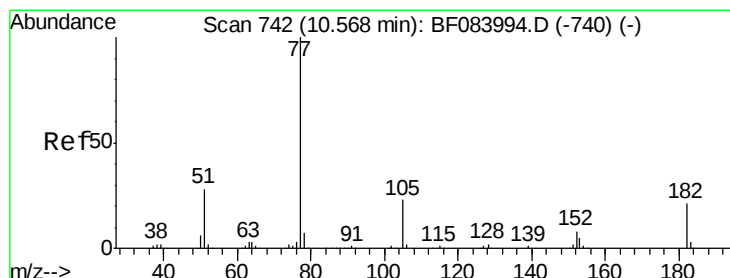
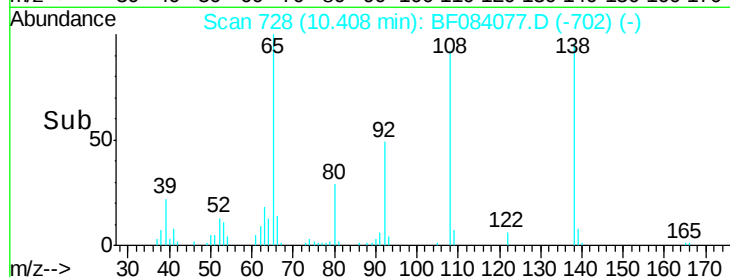
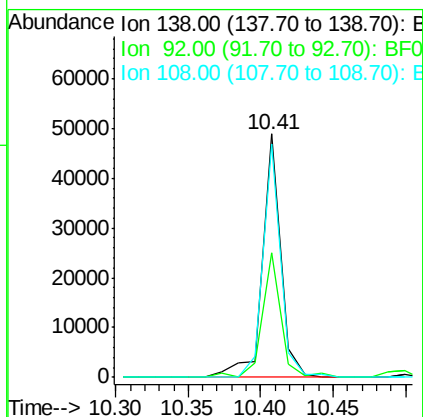
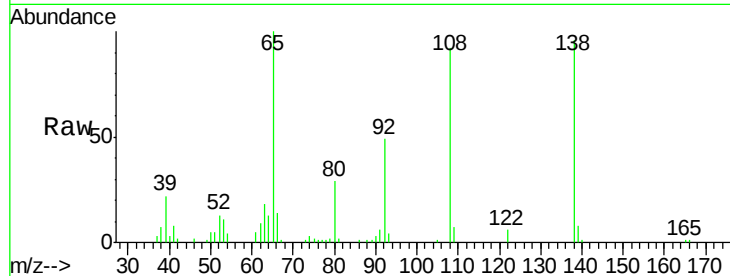




#61
4-Nitroaniline
Concen: 24.60 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

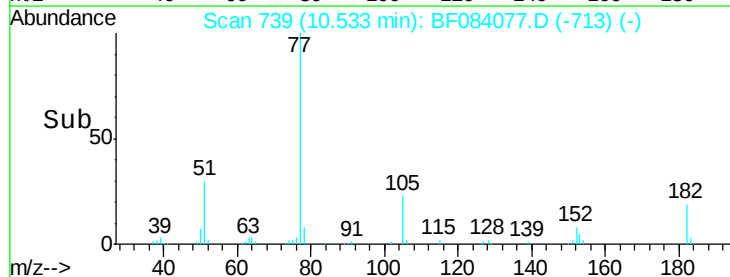
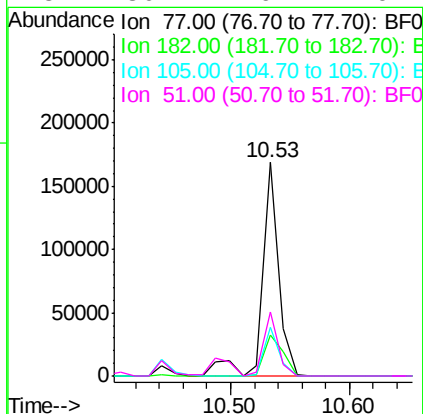
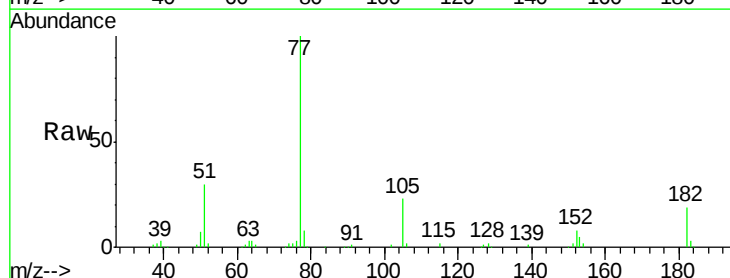
Instrument :
BNA_F
ClientSampleId :
SSTDICC025

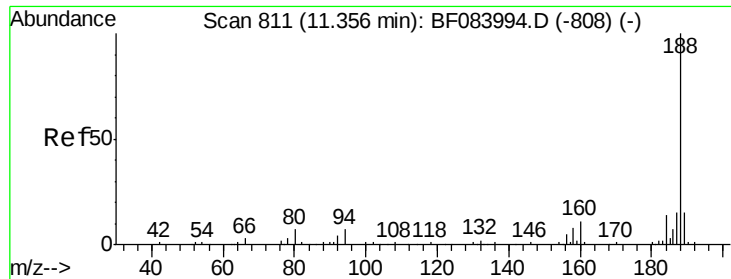
Tot Ion:138 Resp: 42738
Ion Ratio Lower Upper
138 100
92 51.1 32.6 72.6
108 96.1 68.6 108.6



#62
Azobenzene
Concen: 24.91 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

Tgt Ion: 77 Resp: 163733
Ion Ratio Lower Upper
77 100
182 19.2 8.3 48.3
105 22.6 4.6 44.6
51 30.1 6.2 46.2

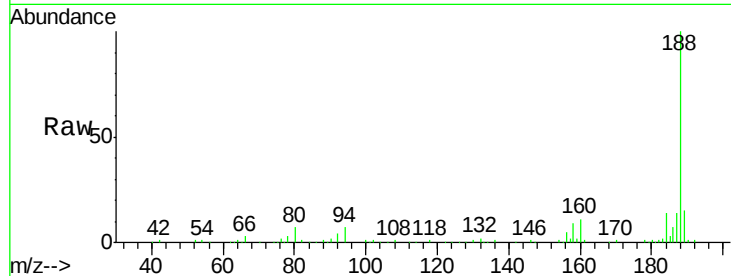




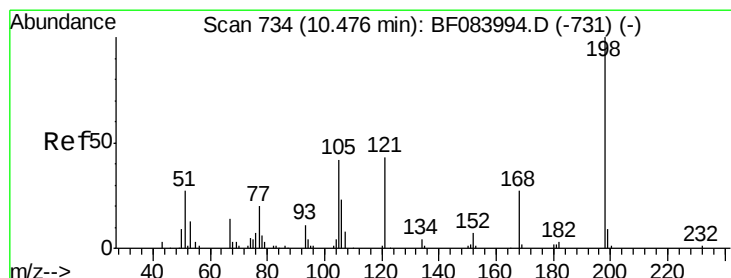
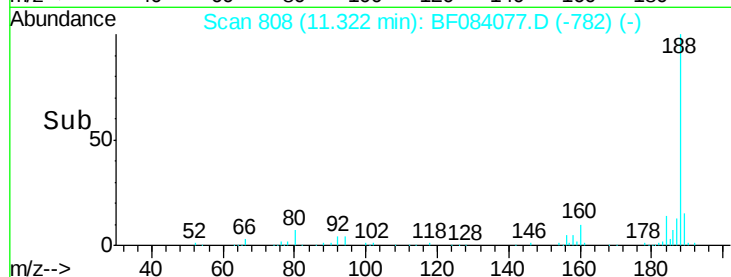
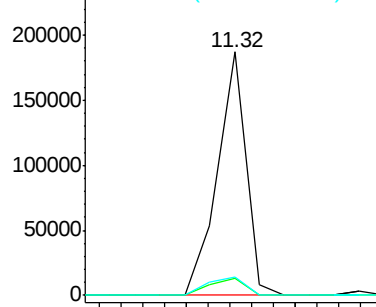
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:188 Resp: 170755
Ion Ratio Lower Upper
188 100
94 6.9 9.0 13.4#
80 7.3 9.6 14.4#

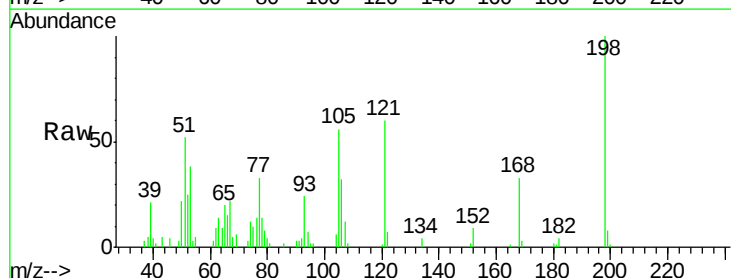


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

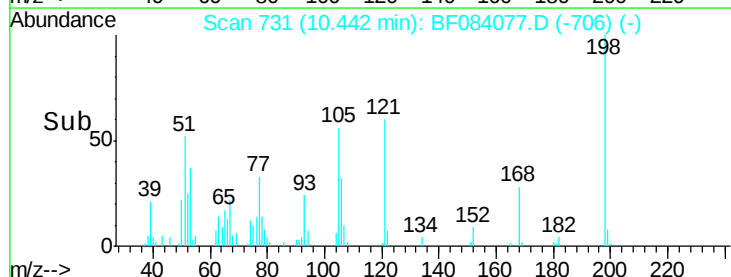
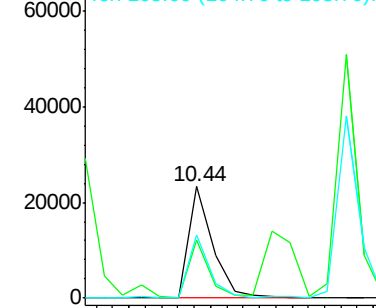


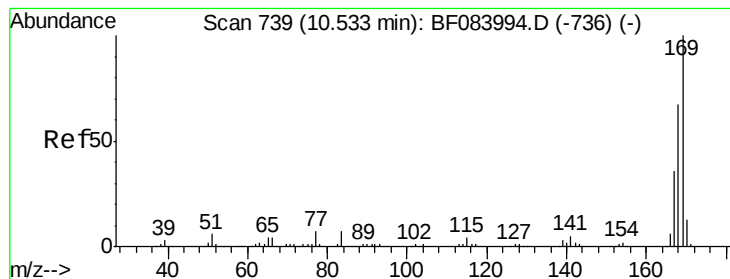
#64
4,6-Dinitro-2-methylphenol
Concen: 23.66 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

Tgt Ion:198 Resp: 23616
Ion Ratio Lower Upper
198 100
51 52.1 18.9 58.9
105 56.1 26.4 66.4



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





#65

n-Nitrosodiphenylamine

Concen: 25.15 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

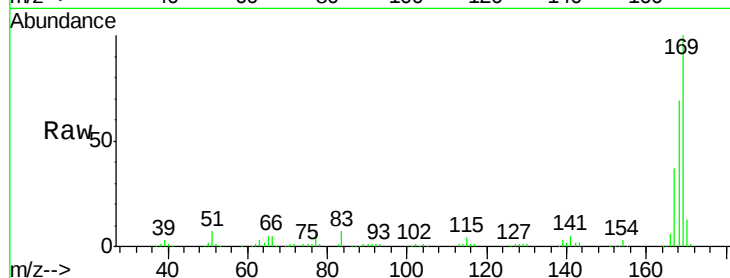
Tot Ion:169 Resp: 158614

Ion Ratio Lower Upper

169 100

168 68.6 55.1 82.7

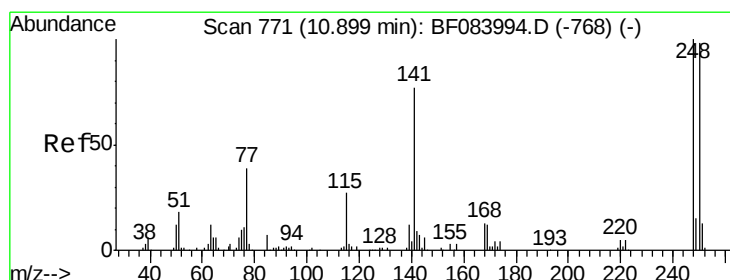
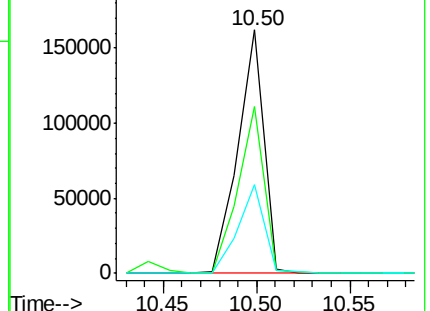
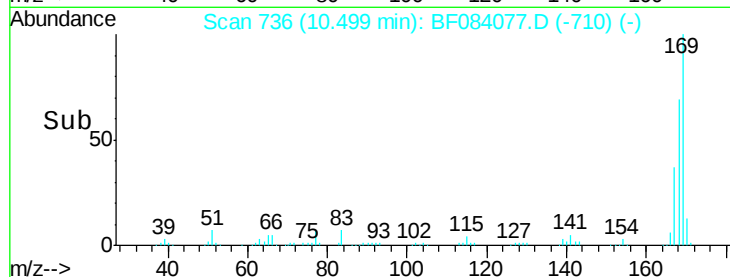
167 36.5 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 27.20 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

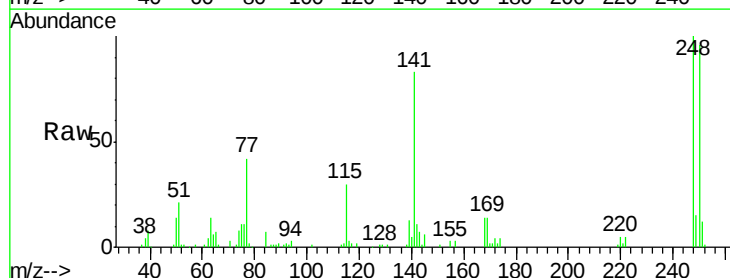
Tgt Ion:248 Resp: 53264

Ion Ratio Lower Upper

248 100

250 96.1 78.4 117.6

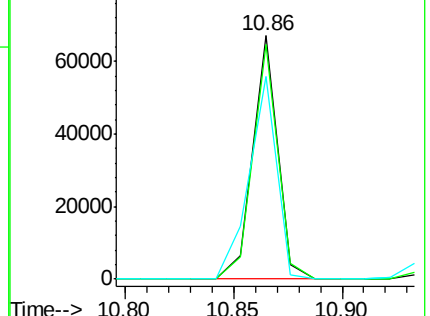
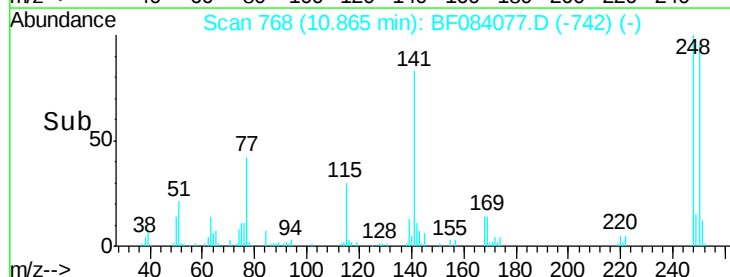
141 83.1 44.0 66.0#

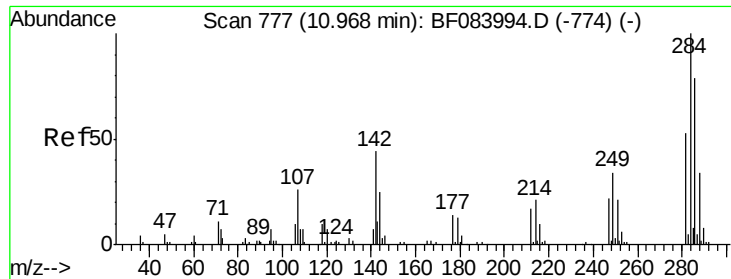


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

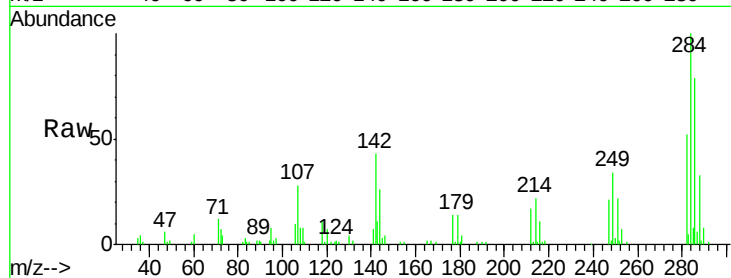




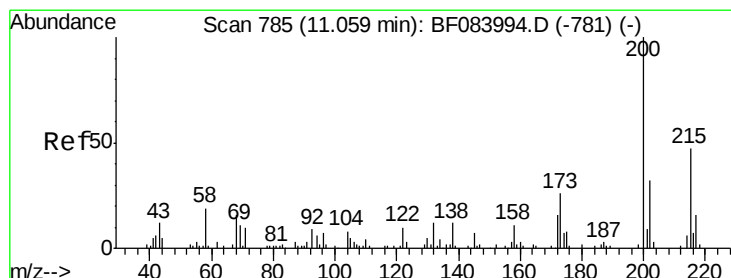
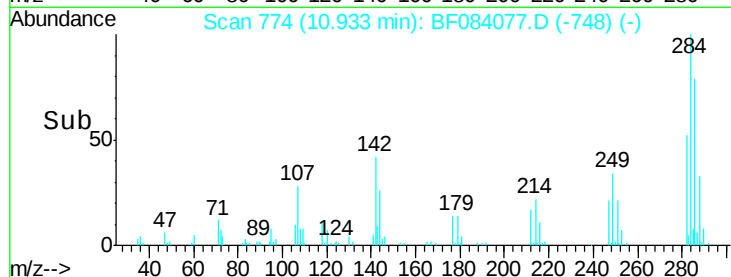
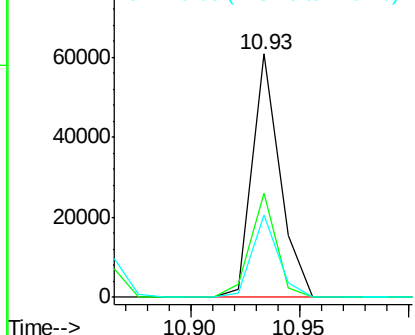
#67
Hexachlorobenzene
Concen: 25.11 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:284 Resp: 53676
Ion Ratio Lower Upper
284 100
142 42.5 22.2 33.4#
249 33.6 24.6 37.0

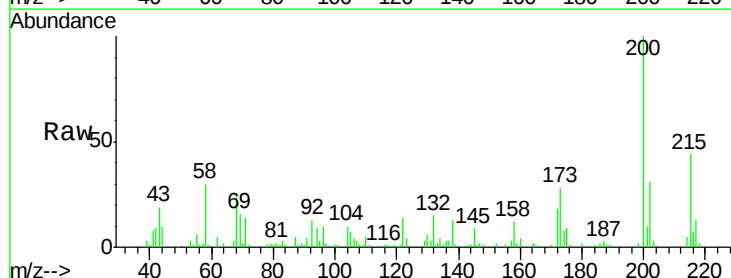


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

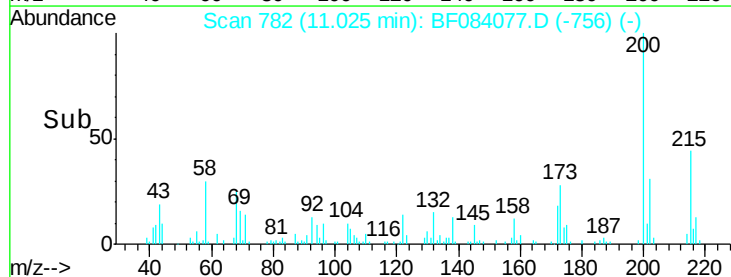
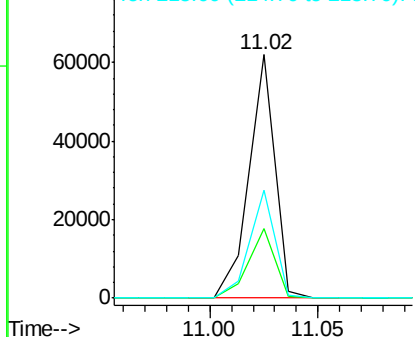


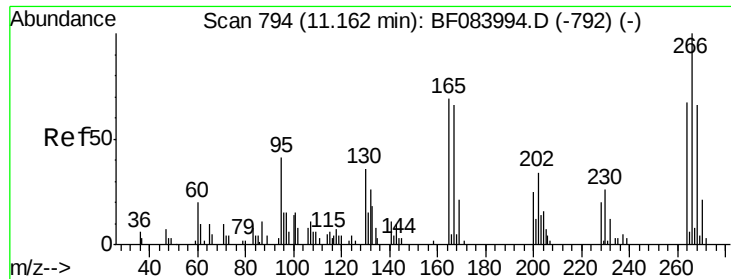
#68
Atrazine
Concen: 26.83 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

Tgt Ion:200 Resp: 51155
Ion Ratio Lower Upper
200 100
173 28.4 9.5 49.5
215 44.3 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

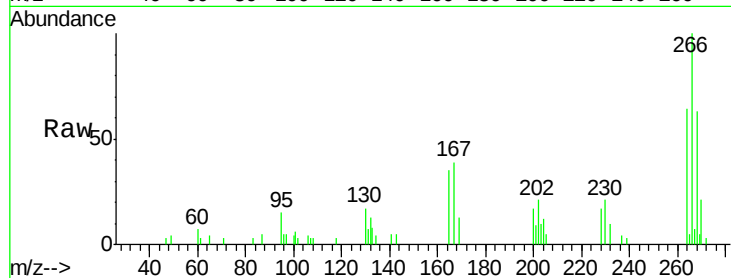




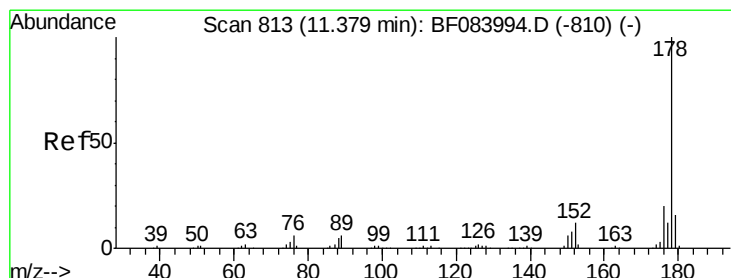
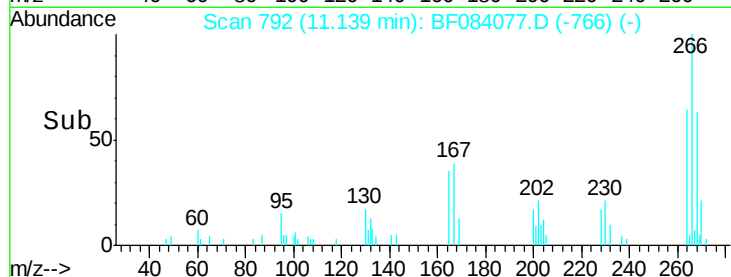
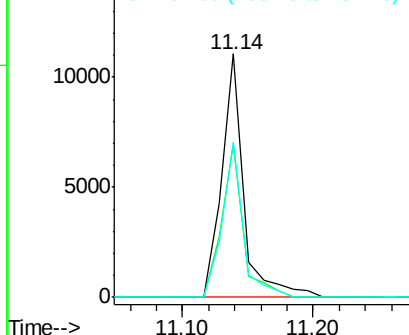
#69
 Pentachlorophenol
 Concen: 19.52 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF084077.D
 Acq: 24 Dec 2015 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:266 Resp: 13009
 Ion Ratio Lower Upper
 266 100
 268 63.0 52.4 78.6
 264 63.6 50.2 75.2

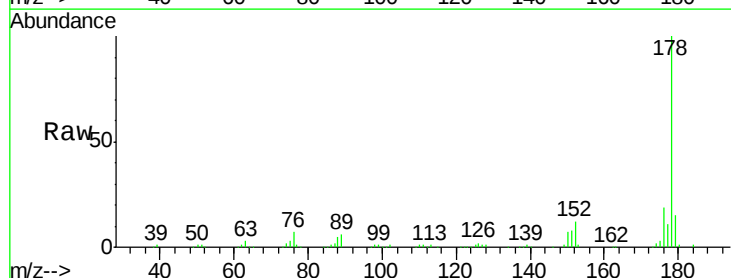


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

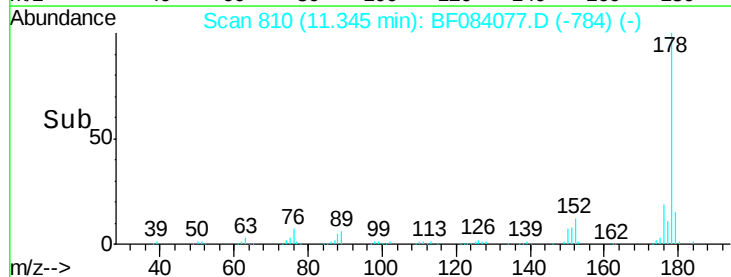
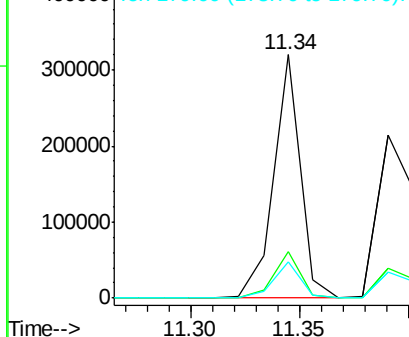


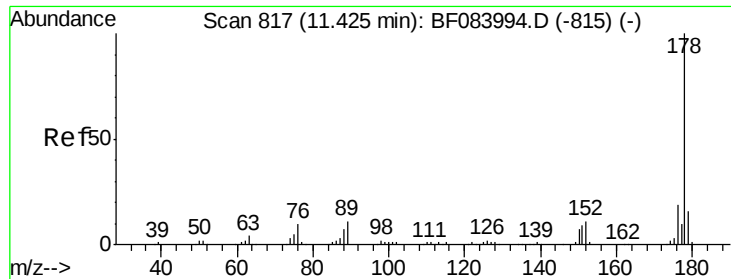
#70
 Phenanthrene
 Concen: 28.65 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF084077.D
 Acq: 24 Dec 2015 14:06

Tgt Ion:178 Resp: 276457
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.3 22.9
 179 15.1 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

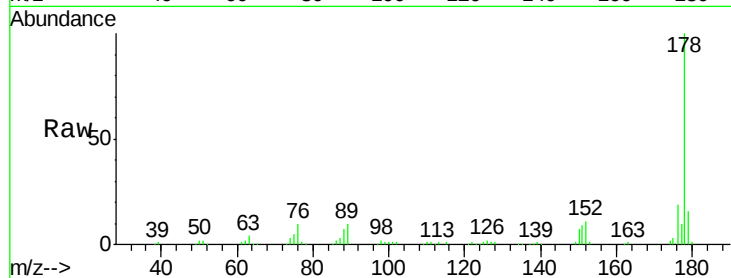




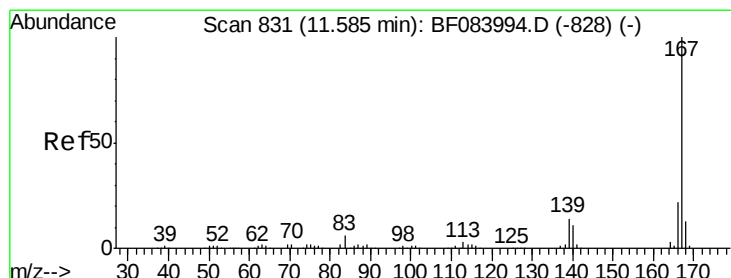
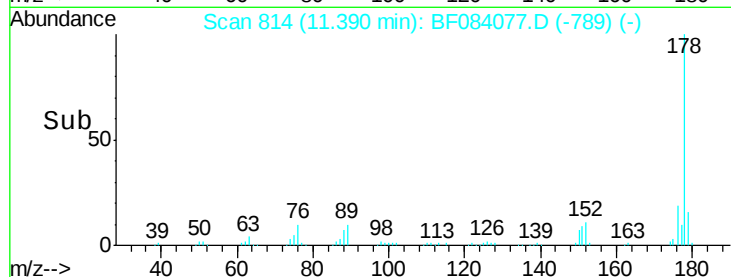
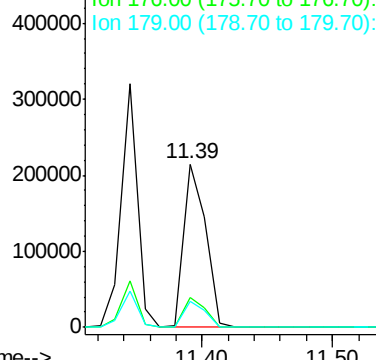
#71
 Anthracene
 Concen: 25.89 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF084077.D
 Acq: 24 Dec 2015 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:178 Resp: 253791
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.0
 179 15.9 12.5 18.7

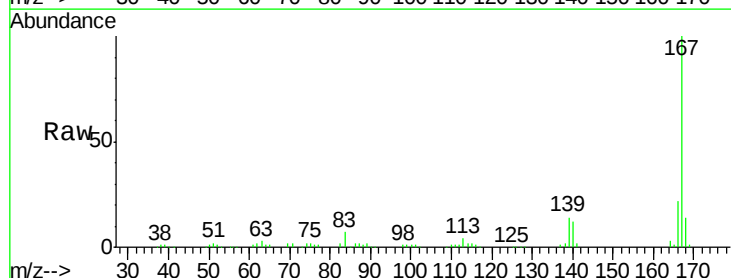


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

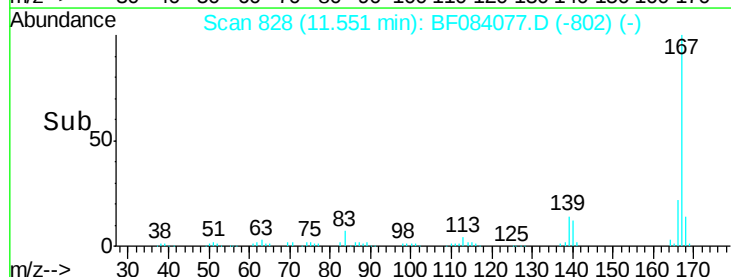
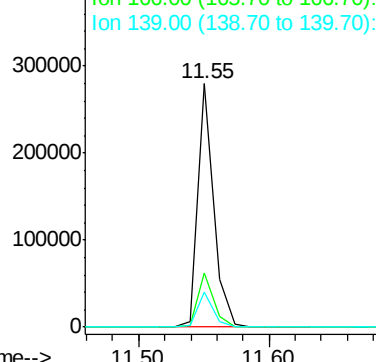


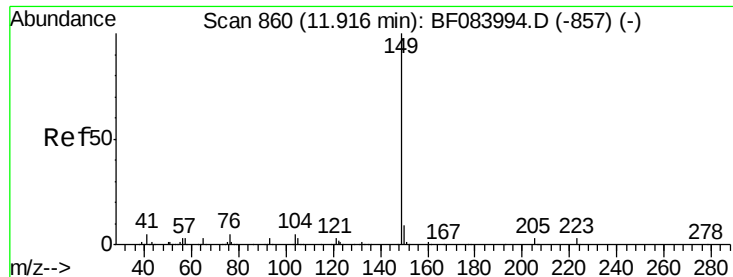
#72
 Carbazole
 Concen: 25.78 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF084077.D
 Acq: 24 Dec 2015 14:06

Tgt Ion:167 Resp: 236216
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 14.4 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 26.04 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

Instrument :

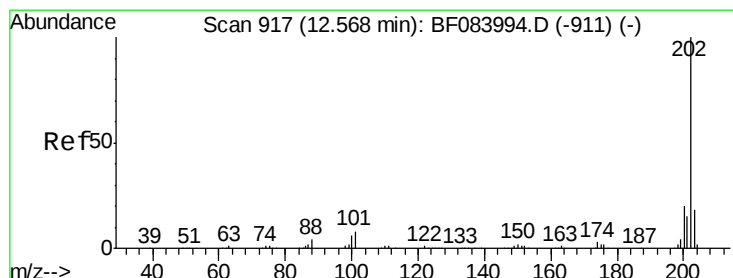
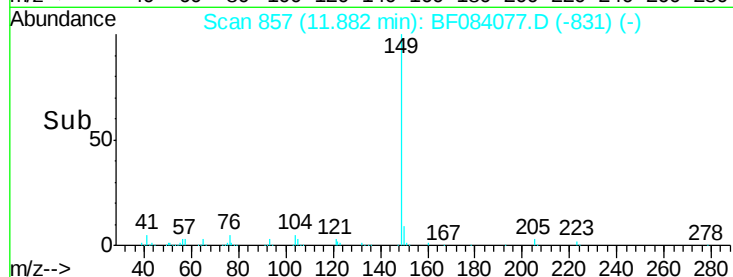
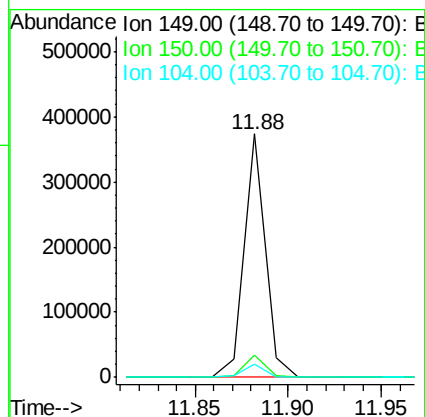
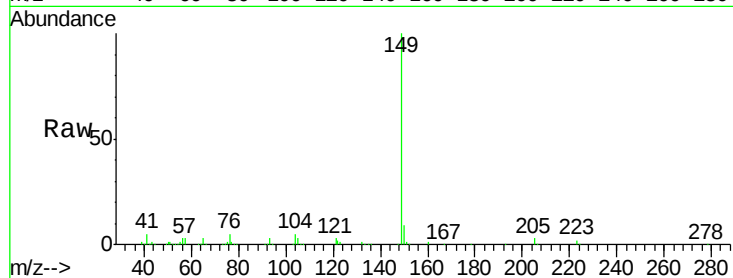
BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:149 Resp: 296305

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.1	10.7
104	5.2	3.2	4.8



#74

Fluoranthene

Concen: 30.53 ng

RT: 12.53 min Scan# 914

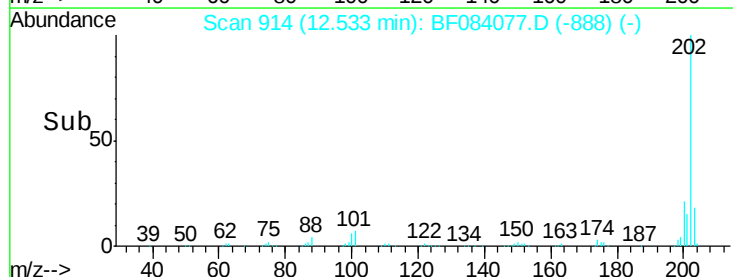
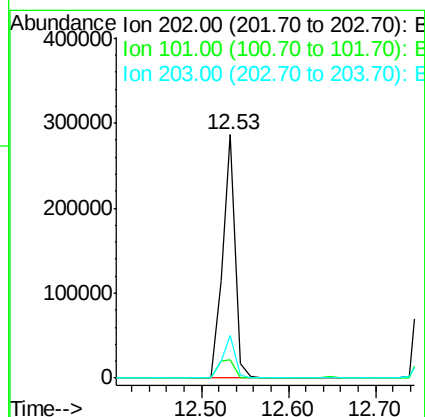
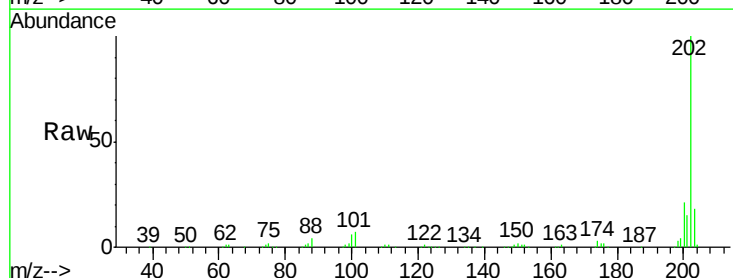
Delta R.T. -0.00 min

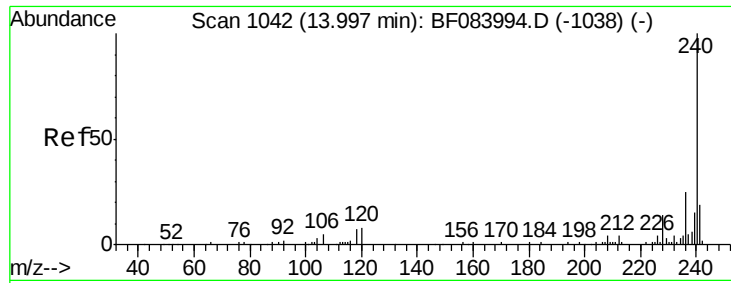
Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

Tgt Ion:202 Resp: 292150

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	32.8
203	17.8	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

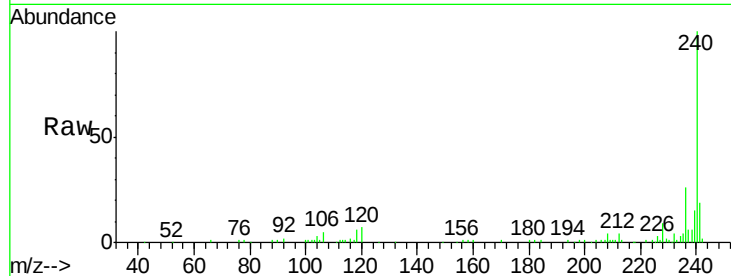
Tot Ion:240 Resp: 122254

Ion Ratio Lower Upper

240 100

120 6.6 9.5 14.3#

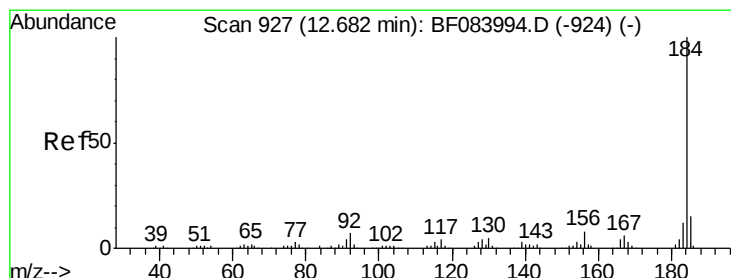
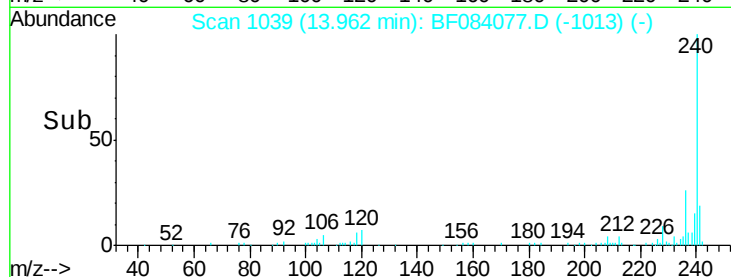
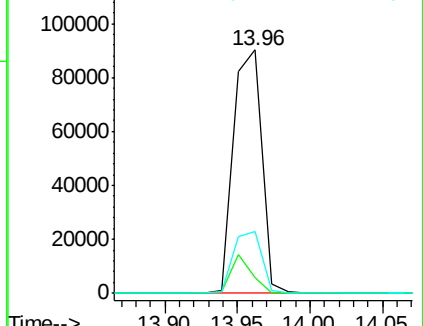
236 25.5 20.6 31.0



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: 27.58 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

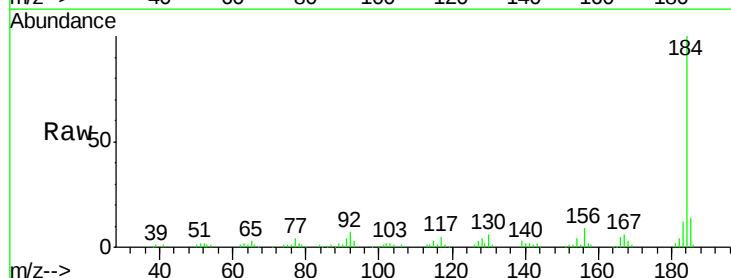
Tgt Ion:184 Resp: 120233

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.2

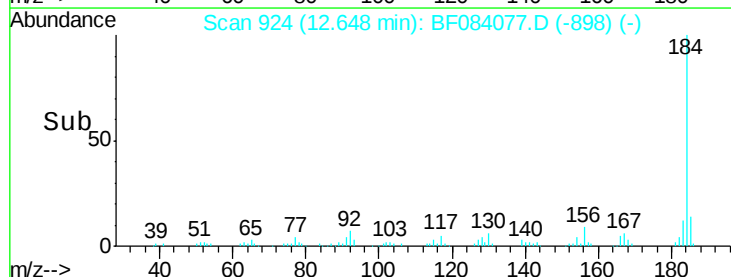
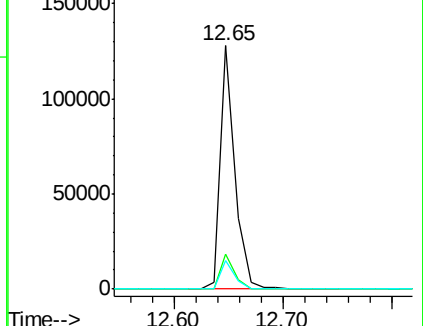
183 11.9 9.8 14.8

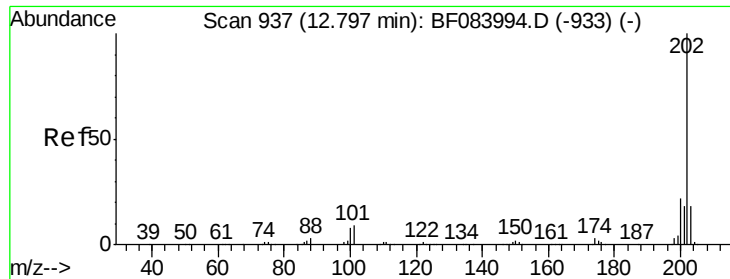


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

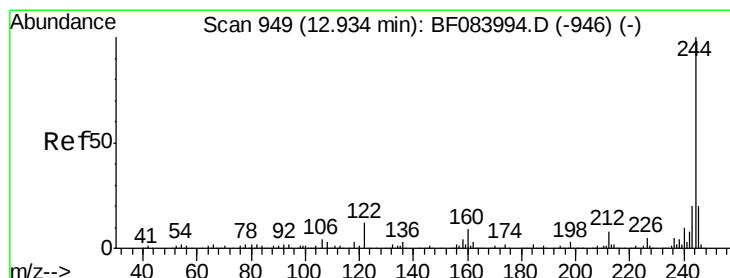
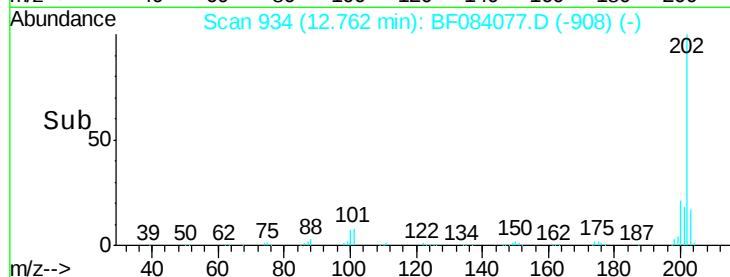
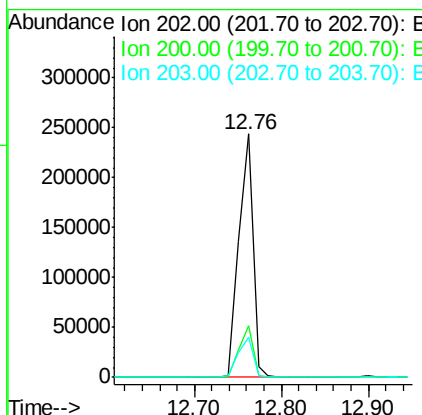
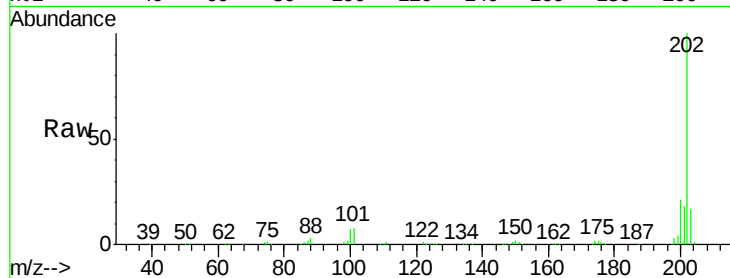




#77
Pvrene
Concen: 33.05 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

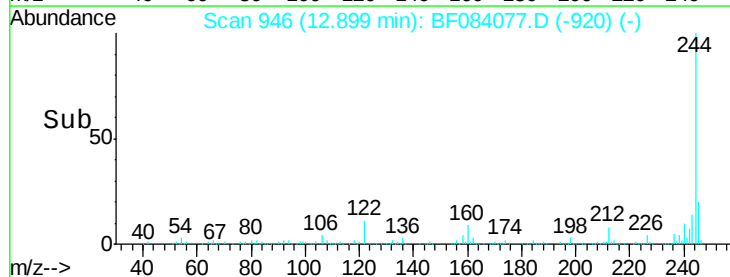
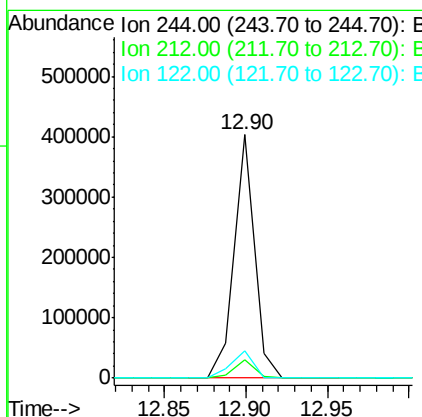
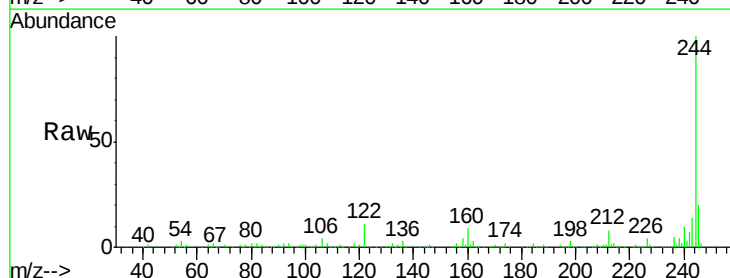
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

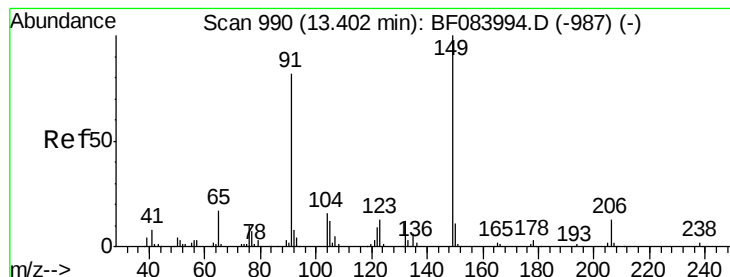
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.2	25.8
203	16.6	14.3	21.5



#78
Terphenyl-d14
Concen: 67.40 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.7	8.5
122	11.4	7.4	11.0





#79

Butylbenzylphthalate

Concen: 28.43 ng

RT: 13.37 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

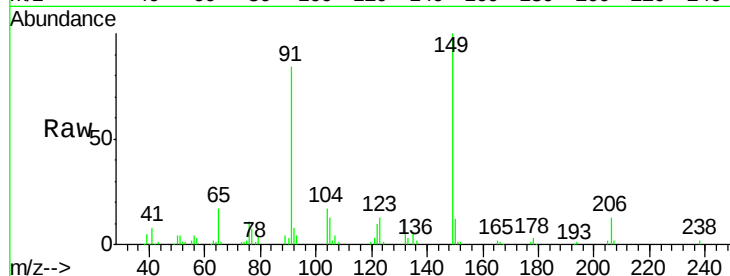
Tot Ion:149 Resp: 108456

Ion Ratio Lower Upper

149 100

91 83.7 57.6 86.4

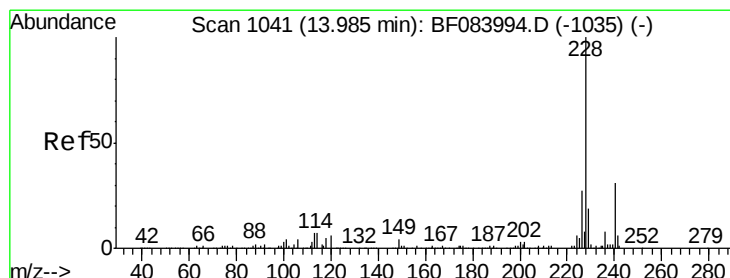
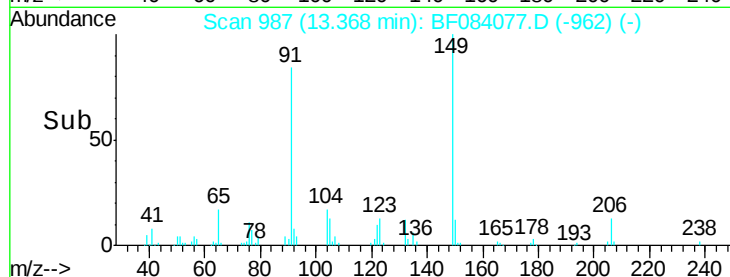
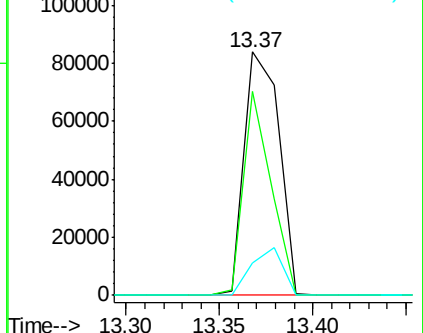
206 13.4 13.2 19.8



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: 28.47 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

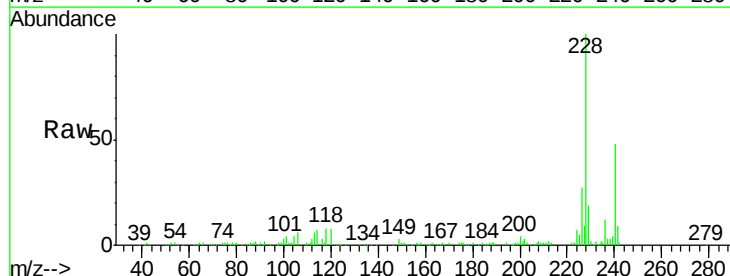
Tgt Ion:228 Resp: 200692

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.6

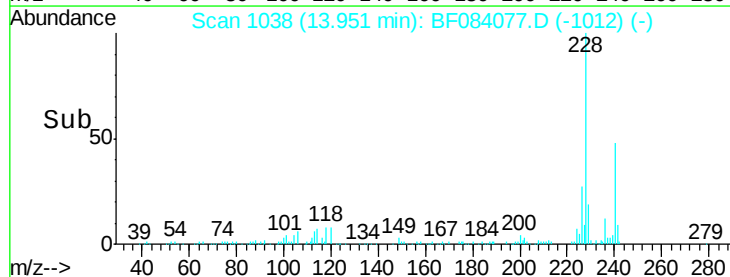
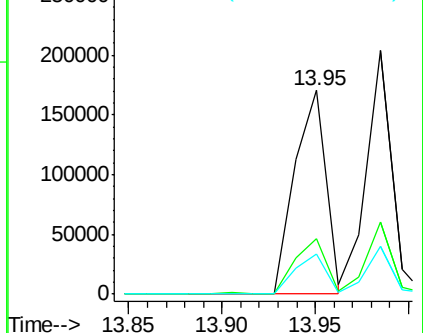
229 19.4 15.8 23.8

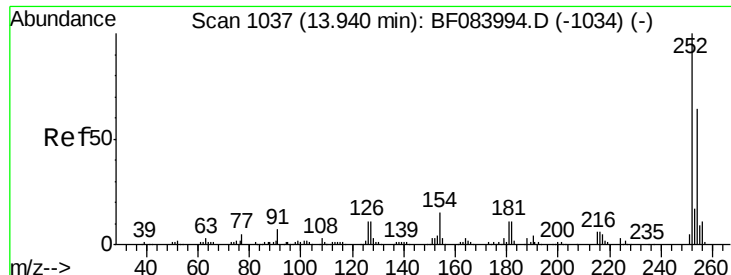


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

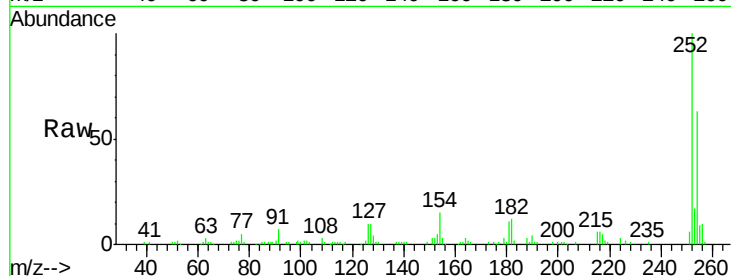




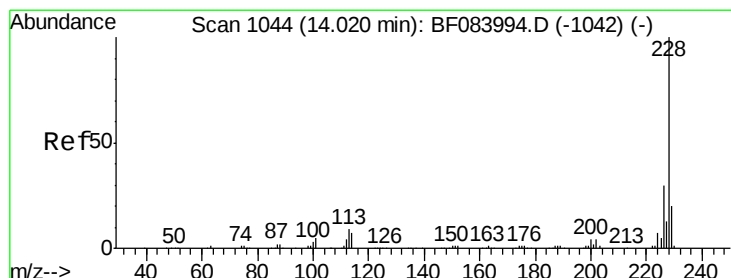
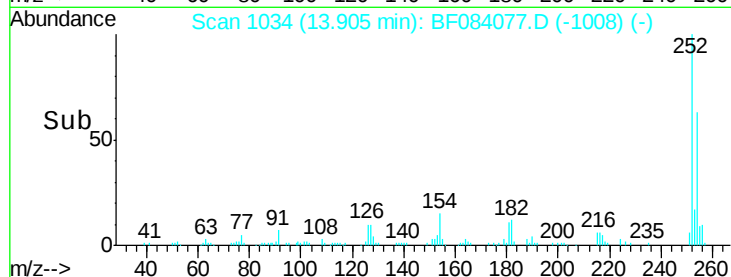
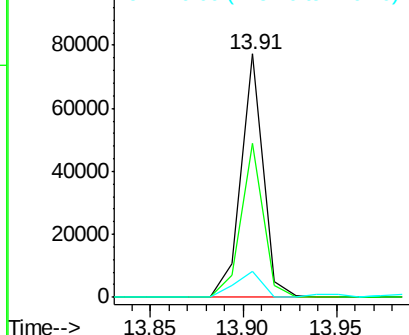
#81
 3,3'-Dichlorobenzidine
 Concen: 24.25 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF084077.D
 Acq: 24 Dec 2015 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	53.5	80.3
126	10.5	4.9	7.3#

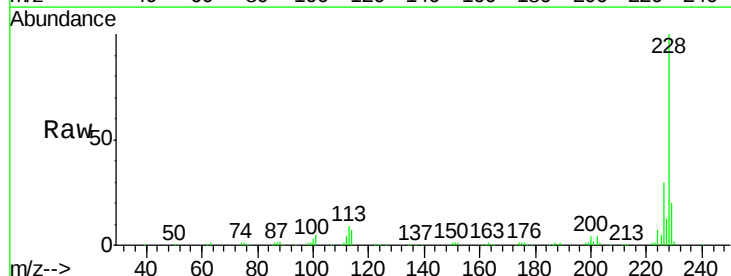


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

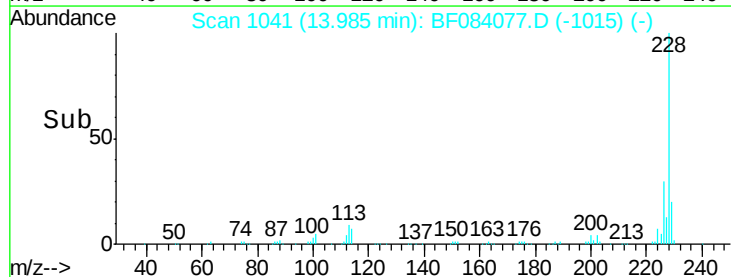
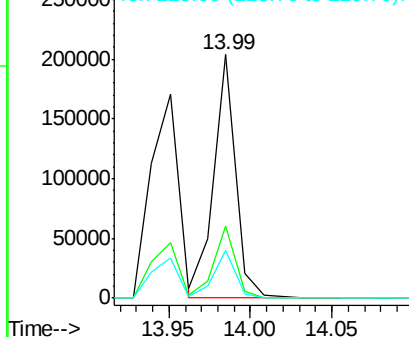


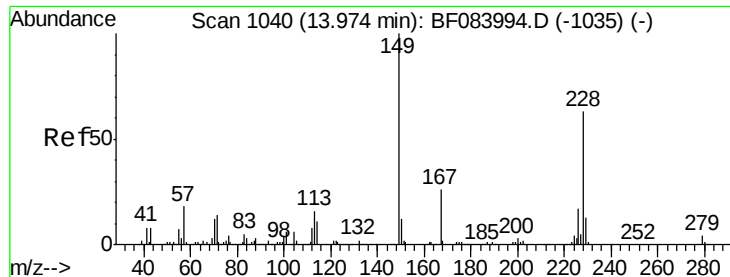
#82
 Chrysene
 Concen: 28.95 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF084077.D
 Acq: 24 Dec 2015 14:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	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

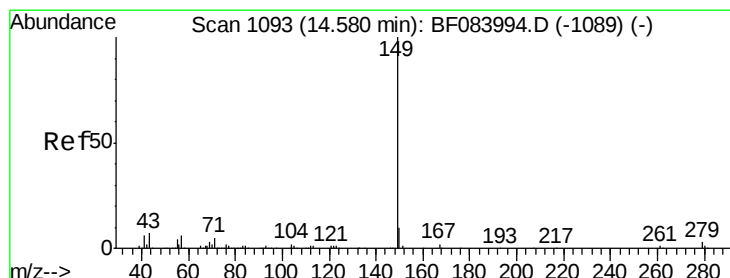
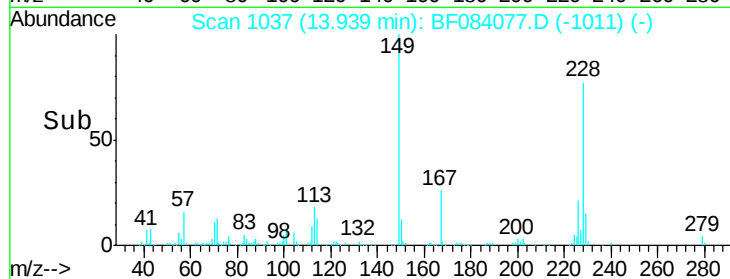
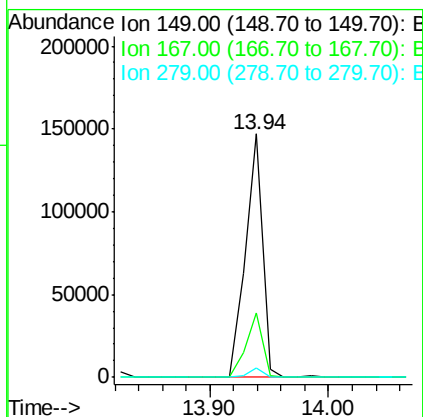
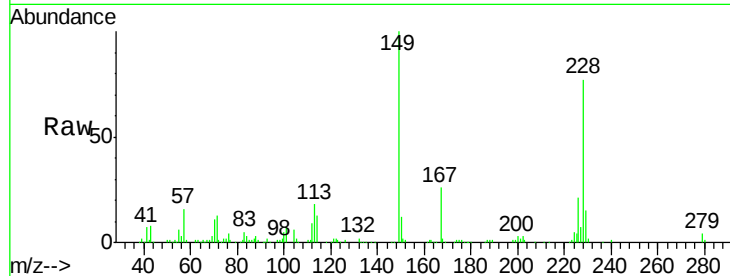




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.18 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF084077.D
 Acq: 24 Dec 2015 14:06

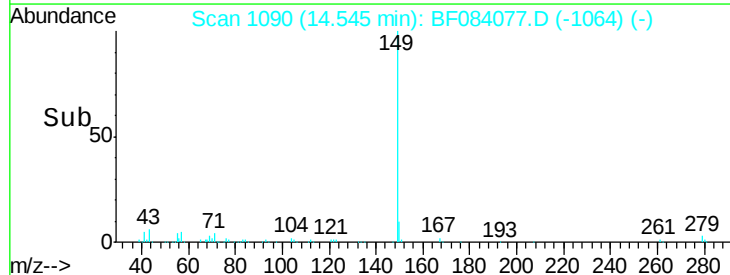
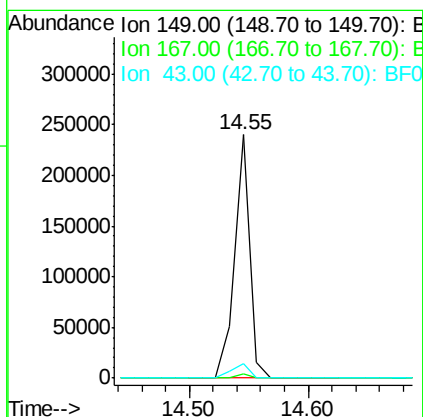
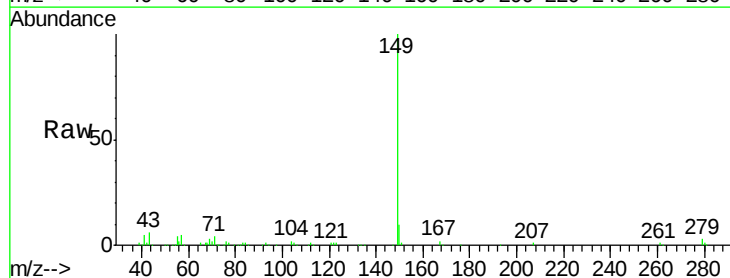
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

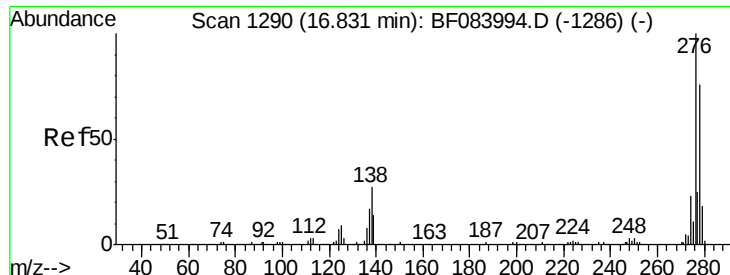
Tot Ion:149 Resp: 149104
 Ion Ratio Lower Upper
 149 100
 167 26.5 19.7 29.5
 279 3.9 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 26.00 ng
 RT: 14.55 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF084077.D
 Acq: 24 Dec 2015 14:06

Tgt Ion:149 Resp: 211514
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 7.0 5.6 8.4

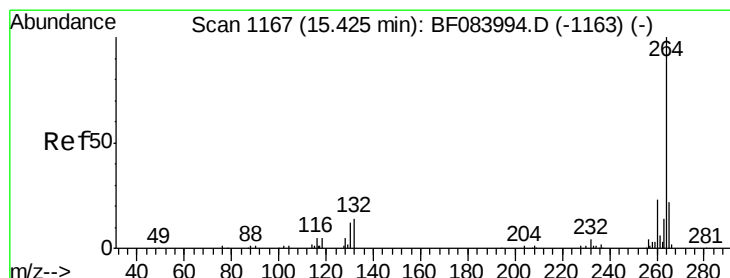
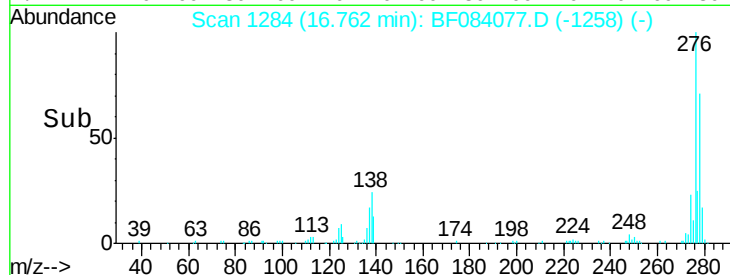
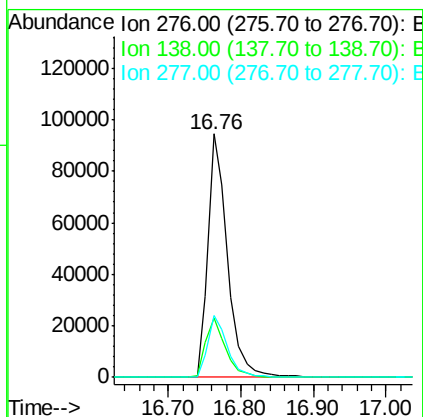
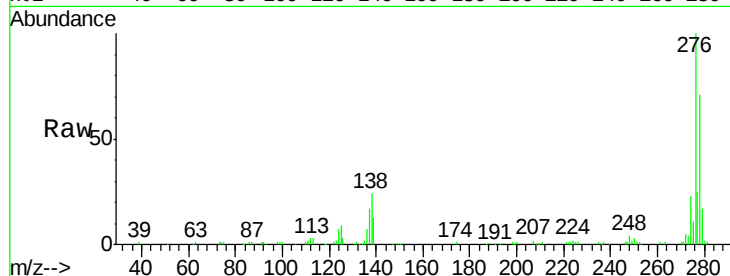




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.64 ng
 RT: 16.76 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF084077.D
 Acq: 24 Dec 2015 14:06

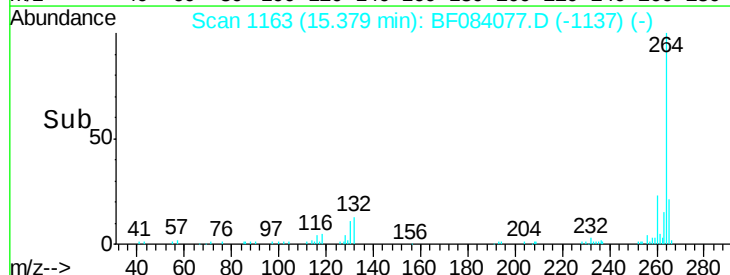
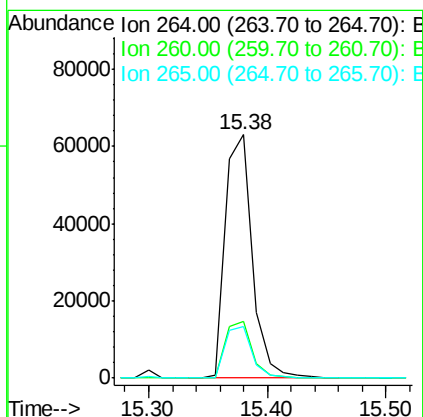
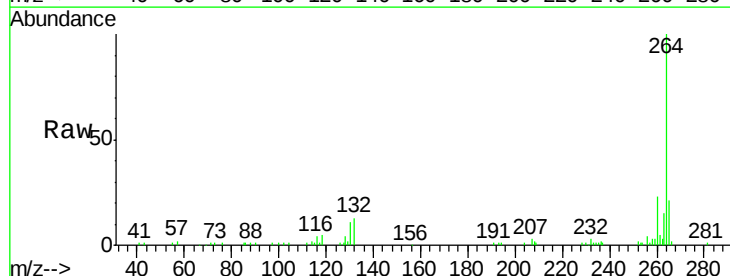
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

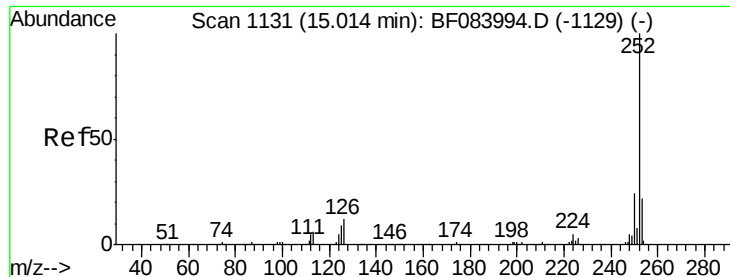
Tot Ion:276 Resp: 176697
 Ion Ratio Lower Upper
 276 100
 138 24.9 20.6 30.8
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF084077.D
 Acq: 24 Dec 2015 14:06

Tgt Ion:264 Resp: 98650
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 21.2 17.8 26.6

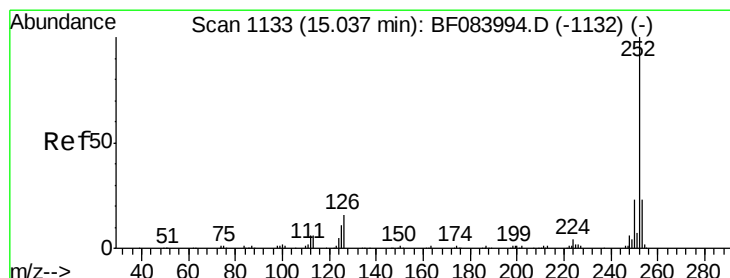
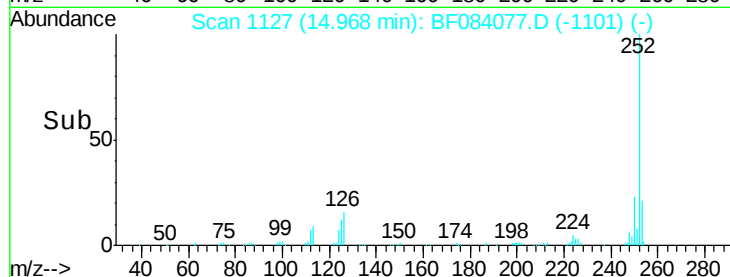
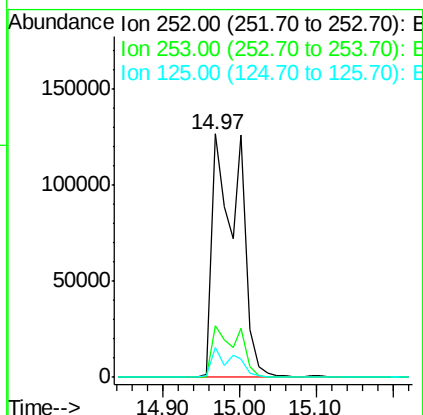
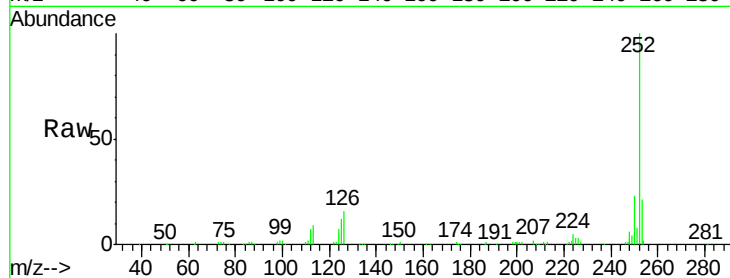




#87
Benzo(b)fluoranthene
Concen: 49.71 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

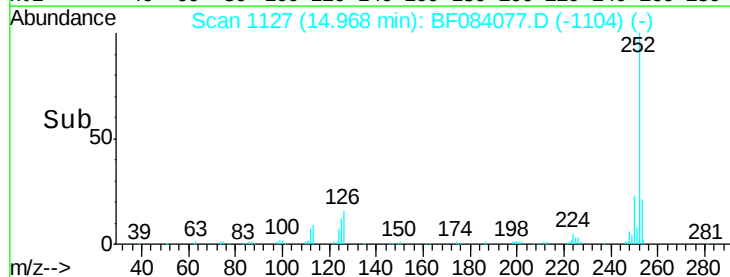
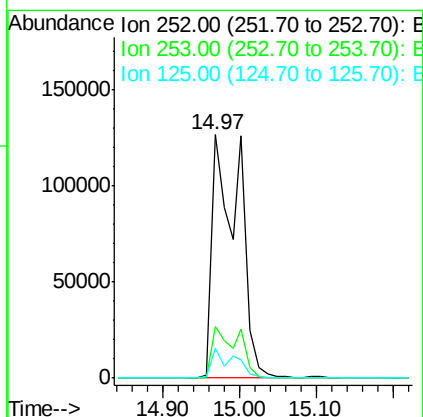
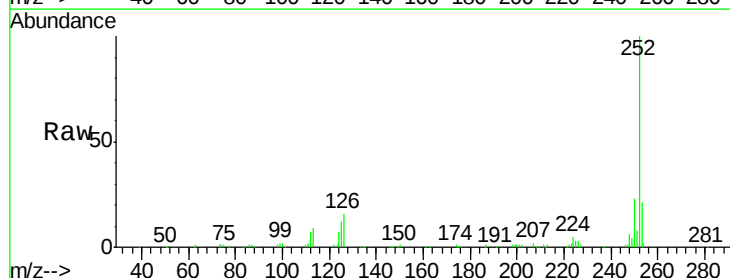
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

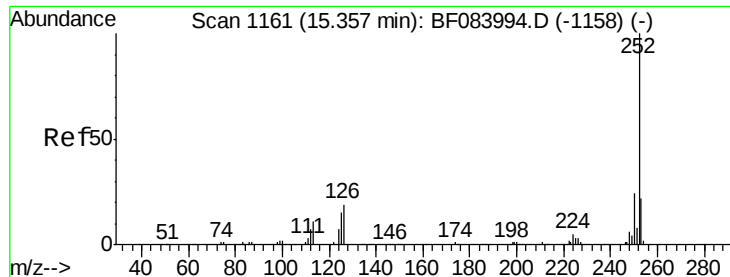
Tot Ion:252 Resp: 309159
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 12.1 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 52.27 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BF084077.D
Acq: 24 Dec 2015 14:06

Tgt Ion:252 Resp: 309159
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 12.1 9.0 13.6





#89

Benzo(a)pyrene

Concen: 25.49 ng

RT: 15.32 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

Instrument :

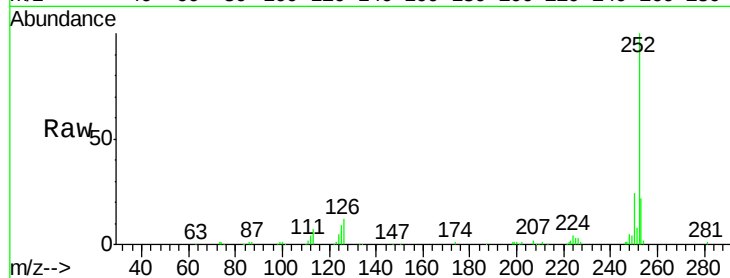
BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:252 Resp: 146857

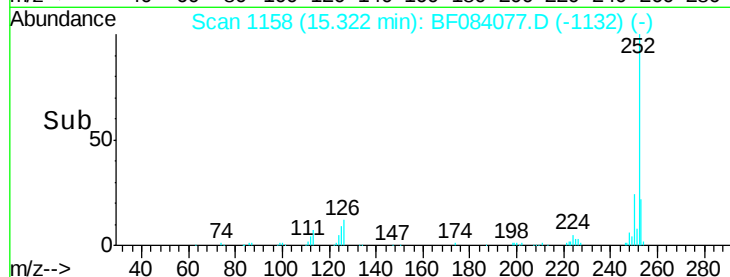
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	9.3	7.0	10.4



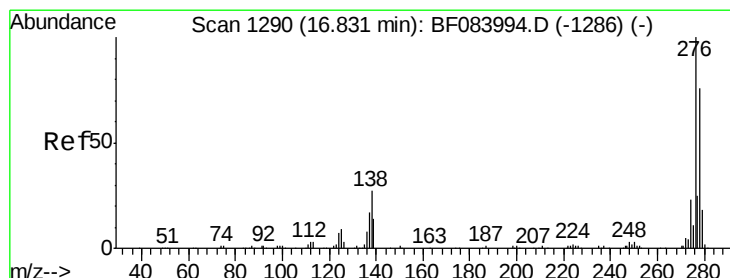
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 30.45 ng

RT: 16.76 min Scan# 1284

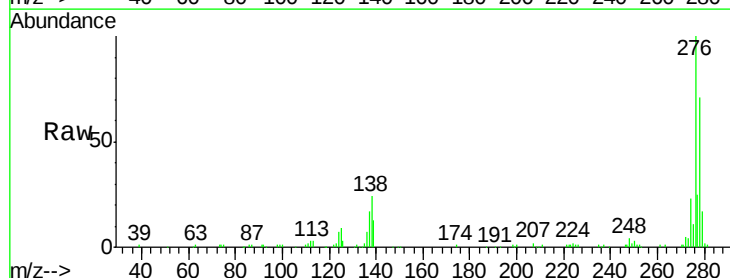
Delta R.T. -0.01 min

Lab File: BF084077.D

Acq: 24 Dec 2015 14:06

Tgt Ion:278 Resp: 145351

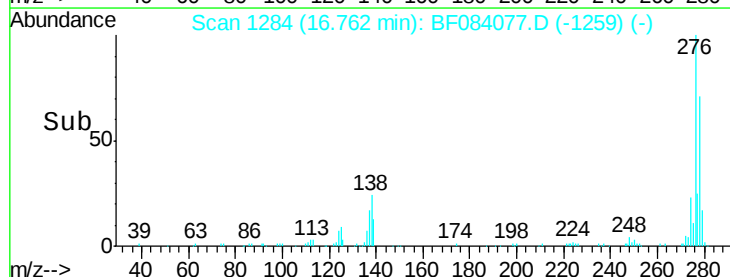
Ion	Ratio	Lower	Upper
278	100		
139	18.2	15.0	22.4
279	24.0	18.9	28.3



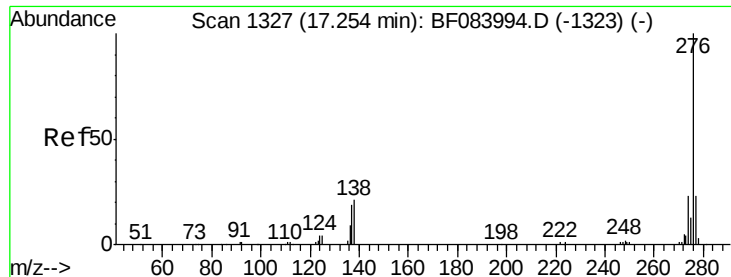
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



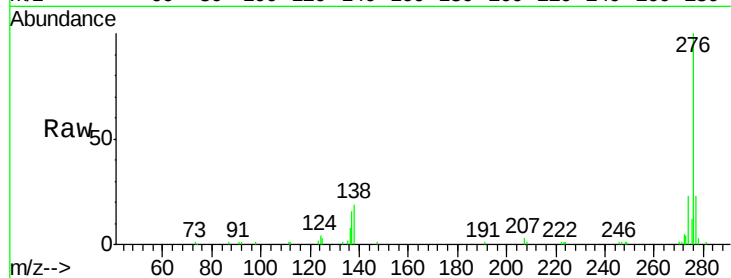
Time-->



#91
 Benzo(a,h,i)perylene
 Concen: 30.42 ng
 RT: 17.19 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF084077.D
 Acq: 24 Dec 2015 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.3	18.8	28.2	
138	19.3	17.8	26.6	



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

