

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078848.D
 Acq On : 30 Apr 2015 10:55
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Apr 30 13:03:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 11:41:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	70746	20.00	ng	-0.01
21) Naphthalene-d8	8.96	136	298959	20.00	ng	-0.01
38) Acenaphthene-d10	11.14	164	145243	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	278904	20.00	ng	-0.01
75) Chrysene-d12	16.30	240	314118	20.00	ng	-0.01
86) Perylene-d12	18.08	264	337521	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.68	112	317977	82.55	ng	0.00
7) Phenol-d6	6.92	99	422250	82.08	ng	-0.01
23) Nitrobenzene-d5	8.07	82	402508	96.94	ng	-0.01
41) 2,4,6-Tribromophenol	12.12	330	125942	88.95	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	810393	76.41	ng	-0.01
78) Terphenyl-d14	14.98	244	947158	71.81	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.35	88	66296	37.51	ng	# 12
3) Pyridine	3.13	79	192718	36.93	ng	97
4) n-Nitrosodimethylamine	3.04	42	88549	37.77	ng	92
6) Aniline	6.97	93	311898	41.51	ng	97
8) 2-Chlorophenol	7.11	128	182598	41.24	ng	90
9) Benzaldehyde	6.83	77	147445	39.72	ng	95
10) Phenol	6.95	94	257825	42.40	ng	95
11) bis(2-Chloroethyl)ether	7.07	93	174485	38.80	ng	87
12) 1,3-Dichlorobenzene	7.31	146	203318	39.55	ng	# 92
13) 1,4-Dichlorobenzene	7.40	146	207053	39.34	ng	96
14) 1,2-Dichlorobenzene	7.59	146	194194	39.49	ng	97
15) Benzyl Alcohol	7.56	79	156873	40.92	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.74	45	270332	38.45	ng	100
17) 2-Methylphenol	7.70	107	148281	41.37	ng	97
18) Hexachloroethane	8.01	117	70851	40.76	ng	92
19) n-Nitroso-di-n-propylamine	7.90	70	151207	42.12	ng	# 87
20) 3+4-Methylphenols	7.88	107	205920	44.10	ng	90
22) Acetophenone	7.88	105	257304	38.85	ng	# 90
24) Nitrobenzene	8.10	77	195038	43.86	ng	# 83
25) Isophorone	8.40	82	380870	40.57	ng	# 93
26) 2-Nitrophenol	8.49	139	84227	63.25	ng	# 89
27) 2,4-Dimethylphenol	8.55	122	172904	41.52	ng	97
28) bis(2-Chloroethoxy)methane	8.67	93	236283	40.76	ng	99
29) 2,4-Dichlorophenol	8.79	162	148613	41.75	ng	95
30) 1,2,4-Trichlorobenzene	8.89	180	160793	39.34	ng	95
31) Naphthalene	8.98	128	543467	38.30	ng	99
32) Benzoic acid	8.63	122	92613	73.28	ng	98
33) 4-Chloroaniline	9.06	127	235982	39.52	ng	# 93
34) Hexachlorobutadiene	9.14	225	90378	39.19	ng	98
35) Caprolactam	9.48	113	50581	44.63	ng	89
36) 4-Chloro-3-methylphenol	9.66	107	169877	45.46	ng	93
37) 2-Methylnaphthalene	9.85	142	388983	40.75	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.06	216	156877	38.12	ng	# 100
40) Hexachlorocyclopentadiene	10.04	237	53922	31.17	ng	95

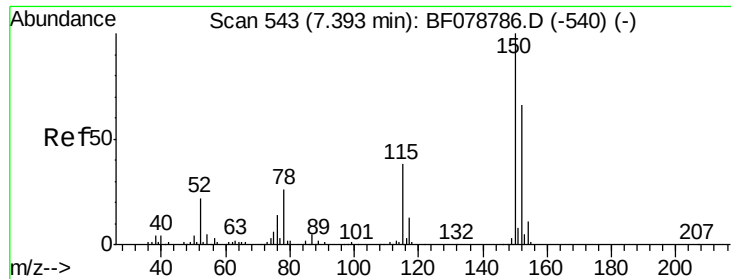
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.19	196	112975	45.06	nq	93
43) 2,4,5-Trichlorophenol	10.24	196	114275	42.82	nq	# 92
45) 1,1'-Biphenyl	10.43	154	442475	37.96	nq	97
46) 2-Chloronaphthalene	10.46	162	347100	38.10	nq	93
47) 2-Nitroaniline	10.58	65	101472	51.00	nq	# 70
48) Acenaphthylene	10.97	152	563813	37.82	nq	99
49) Dimethylphthalate	10.81	163	392074	37.97	nq	99
50) 2,6-Dinitrotoluene	10.89	165	80052	47.59	nq	# 66
51) Acenaphthene	11.18	154	324492	37.07	nq	99
52) 3-Nitroaniline	11.08	138	102777	47.09	nq	82
53) 2,4-Dinitrophenol	11.22	184	8255	34.23	nq	# 87
54) Dibenzofuran	11.39	168	484147	37.70	nq	98
55) 4-Nitrophenol	11.29	139	78183	47.54	nq	92
56) 2,4-Dinitrotoluene	11.38	165	107061	51.65	nq	# 71
57) Fluorene	11.82	166	396602	38.63	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.54	232	88779	44.42	nq	# 100
59) Diethylphthalate	11.69	149	400351	38.96	nq	98
60) 4-Chlorophenyl-phenylether	11.83	204	178229	39.02	nq	93
61) 4-Nitroaniline	11.84	138	101941	45.51	nq	92
62) Azobenzene	12.02	77	406613	38.81	nq	96
64) 4,6-Dinitro-2-methylphenol	11.88	198	23680	50.64	nq	# 62
65) n-Nitrosodiphenylamine	11.98	169	359432	39.86	nq	98
66) 4-Bromophenyl-phenylether	12.43	248	109497	38.89	nq	# 87
67) Hexachlorobenzene	12.50	284	126740	39.74	nq	# 77
68) Atrazine	12.64	200	100813	41.74	nq	96
69) Pentachlorophenol	12.74	266	57194	43.32	nq	96
70) Phenanthrene	13.02	178	591149	39.15	nq	100
71) Anthracene	13.09	178	585689	39.67	nq	98
72) Carbazole	13.28	167	569715	40.86	nq	98
73) Di-n-butylphthalate	13.74	149	656856	40.67	nq	# 98
74) Fluoranthene	14.50	202	656619	43.60	nq	92
76) Benzidine	14.67	184	385470	37.91	nq	99
77) Pyrene	14.78	202	672826	36.66	nq	99
79) Butylbenzylphthalate	15.61	149	291287	41.39	nq	# 76
80) Benzo(a)anthracene	16.29	228	669384	39.72	nq	99
81) 3,3'-Dichlorobenzidine	16.26	252	244374	42.60	nq	98
82) Chrysene	16.33	228	634338	38.61	nq	100
83) Bis(2-ethylhexyl)phthalate	16.33	149	433337	38.36	nq	# 98
84) Di-n-octyl phthalate	17.14	149	779406	43.30	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.61	276	870383	46.70	nq	# 100
87) Benzo(b)fluoranthene	17.62	252	705472m	38.61	nq	
88) Benzo(k)fluoranthene	17.65	252	663760	37.49	nq	99
89) Benzo(a)pyrene	18.01	252	649406	39.73	nq	# 97
90) Dibenzo(a,h)anthracene	19.63	278	677022	39.99	nq	98
91) Benzo(g,h,i)perylene	20.06	276	696699	41.00	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 542

Delta R.T. -0.01 min

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ClientSampleId :

SSTDCCC040EC

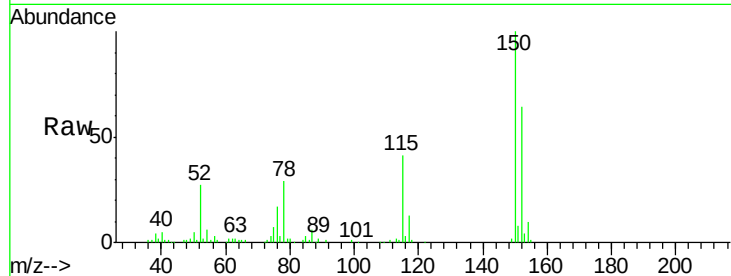
Tot Ion:152 Resp: 70746

Ion Ratio Lower Upper

152 100

150 156.5 122.0 183.0

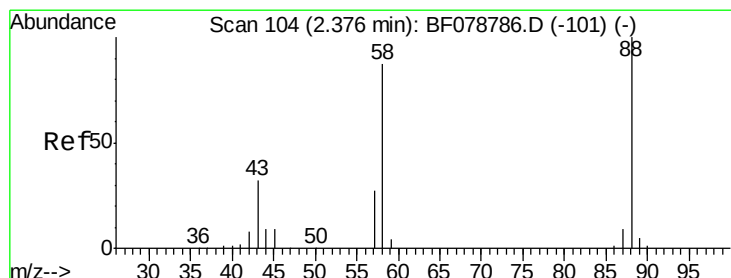
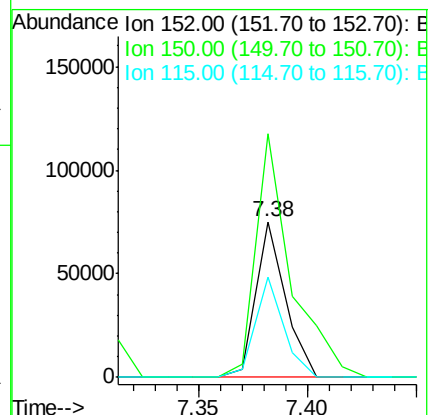
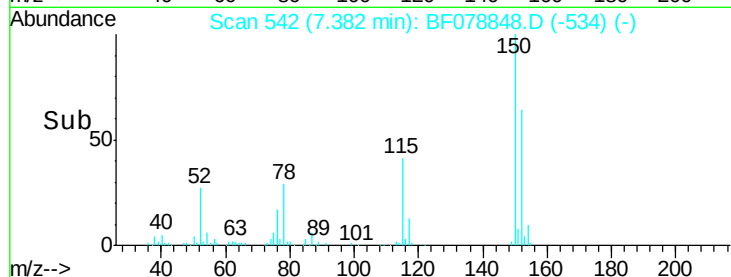
115 64.6 46.3 69.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.51 ng

RT: 2.35 min Scan# 102

Delta R.T. -0.02 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

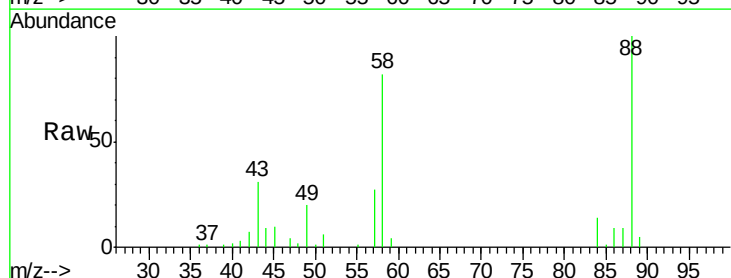
Tgt Ion: 88 Resp: 66296

Ion Ratio Lower Upper

88 100

58 82.0 0.0 0.0#

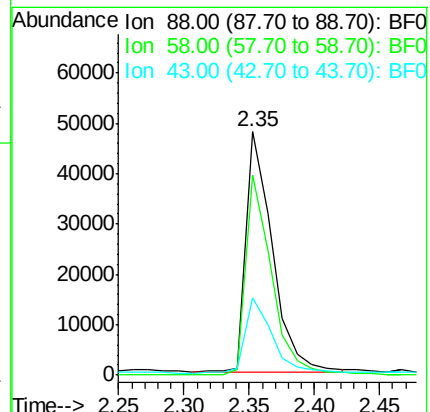
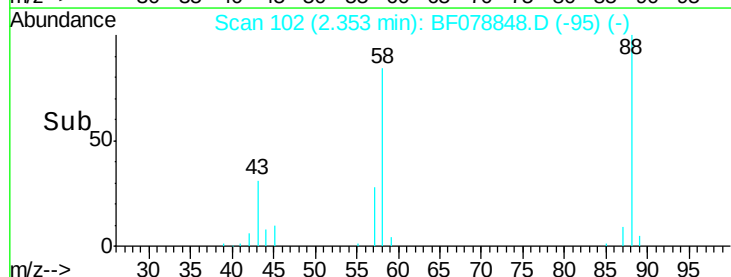
43 33.1 3.3 4.9#

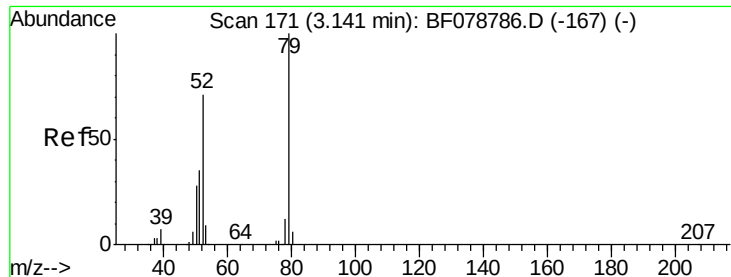


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.93 ng

RT: 3.13 min Scan# 170

Delta R.T. -0.01 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

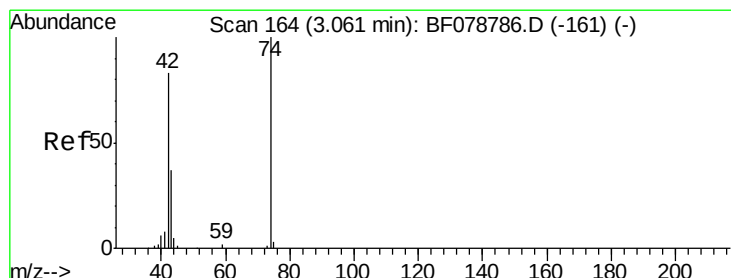
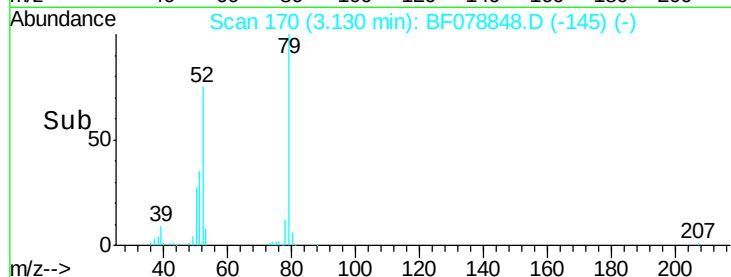
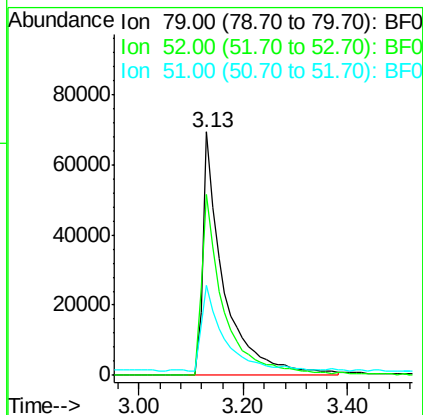
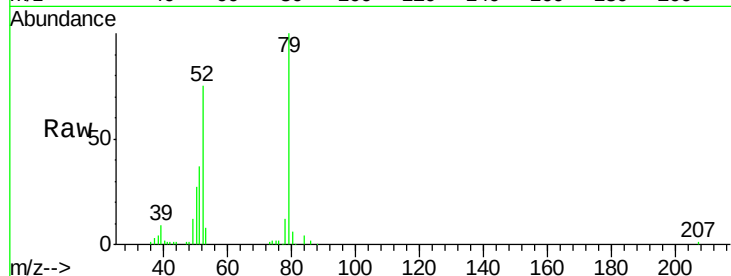
Tot Ion: 79 Resp: 192718

Ion Ratio Lower Upper

79 100

52 74.5 57.2 85.8

51 37.2 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 37.77 ng

RT: 3.04 min Scan# 162

Delta R.T. -0.02 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

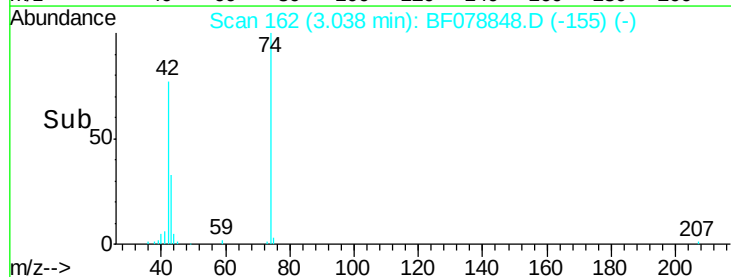
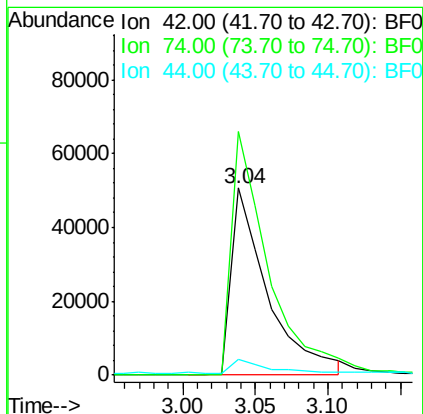
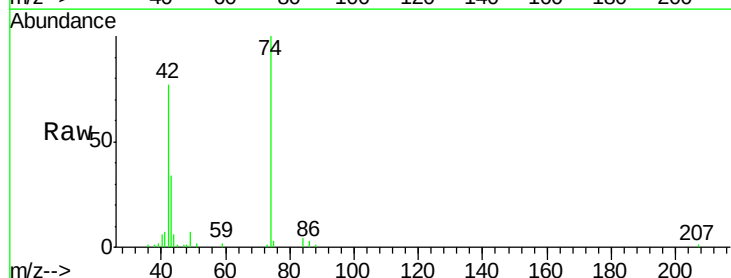
Tgt Ion: 42 Resp: 88549

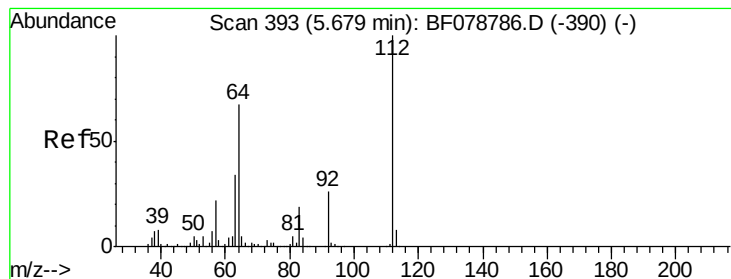
Ion Ratio Lower Upper

42 100

74 130.2 96.5 144.7

44 8.3 6.1 9.1





#5

2-Fluorophenol

Concen: 82.55 ng

RT: 5.68 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

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SSTDCCC040EC

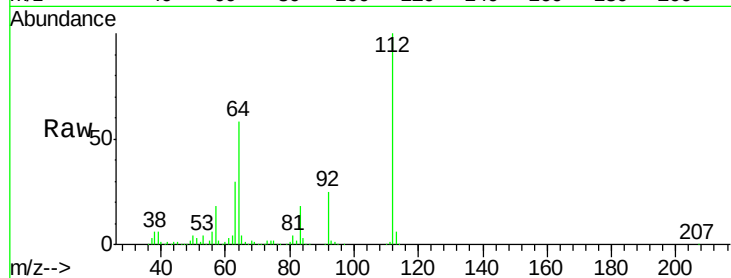
Tot Ion:112 Resp: 317977

Ion Ratio Lower Upper

112 100

64 57.7 53.5 80.3

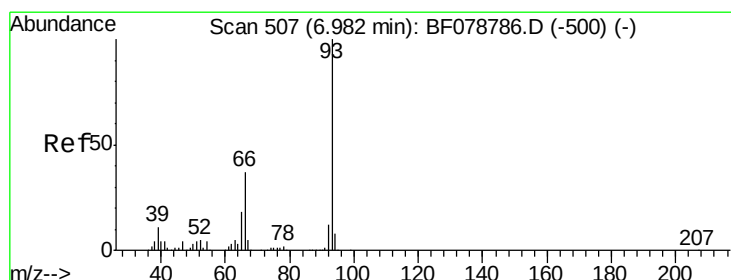
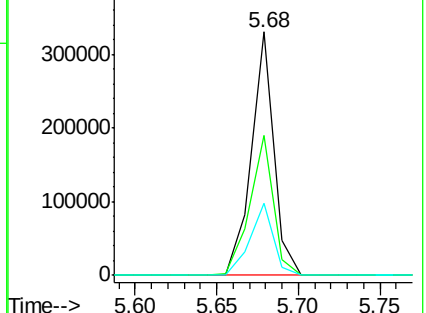
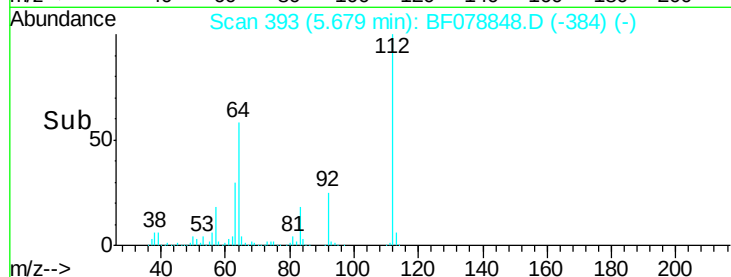
63 29.5 27.5 41.3



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: 41.51 ng

RT: 6.97 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

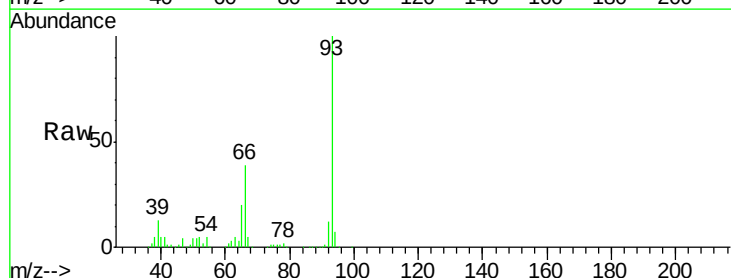
Tgt Ion: 93 Resp: 311898

Ion Ratio Lower Upper

93 100

66 39.1 29.7 44.5

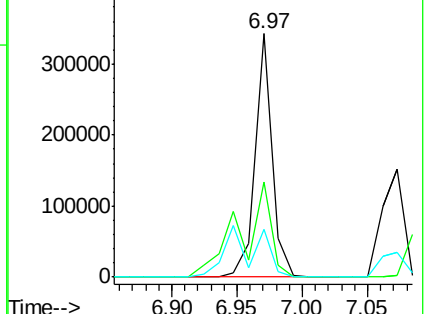
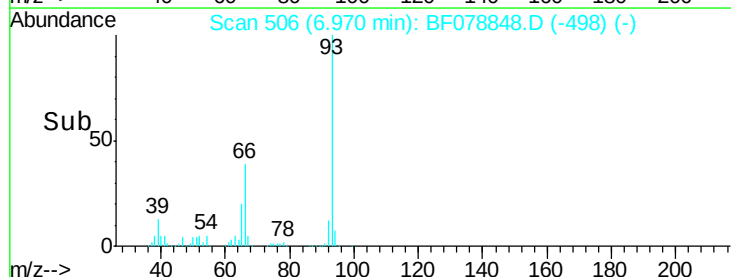
65 19.8 14.6 22.0

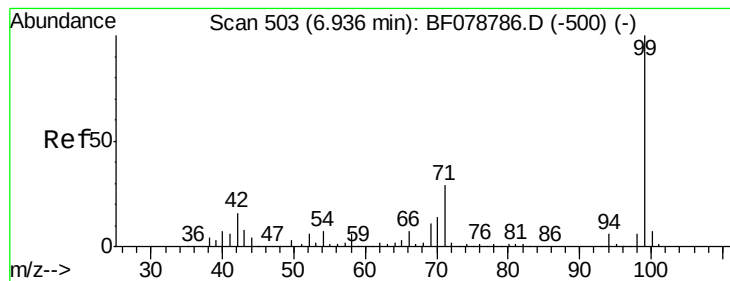


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.08 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

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SSTDCCC040EC

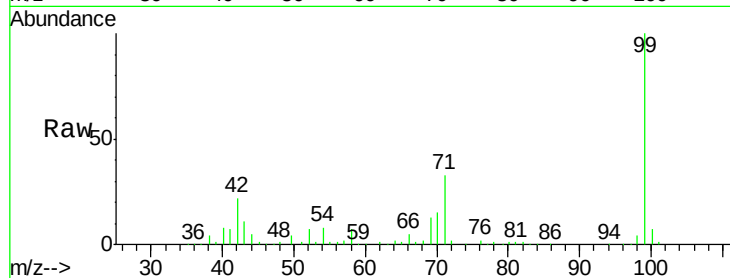
Tot Ion: 99 Resp: 422250

Ion Ratio Lower Upper

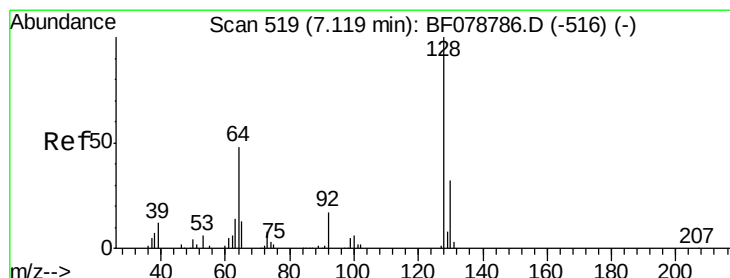
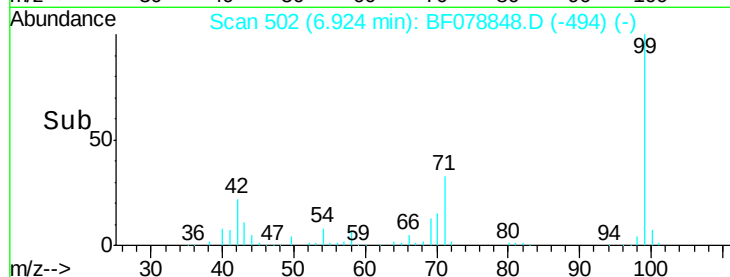
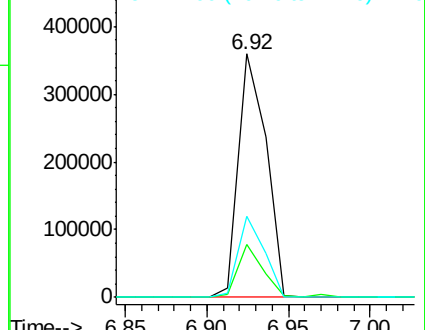
99 100

42 21.7 12.8 19.2#

71 33.1 23.4 35.2



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



#8

2-Chlorophenol

Concen: 41.24 ng

RT: 7.11 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

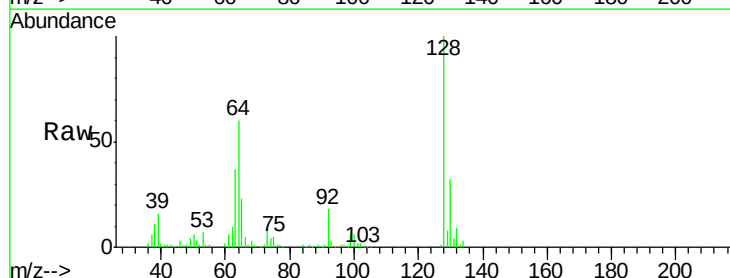
Tgt Ion: 128 Resp: 182598

Ion Ratio Lower Upper

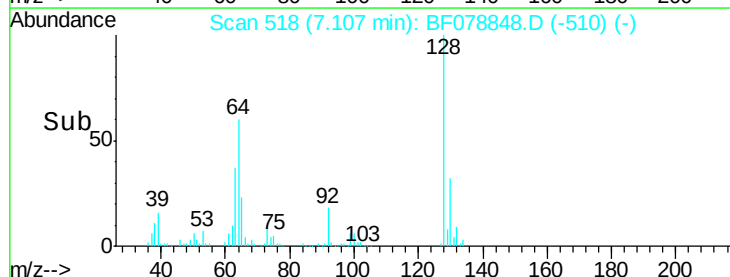
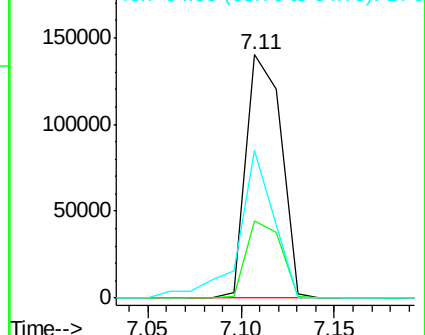
128 100

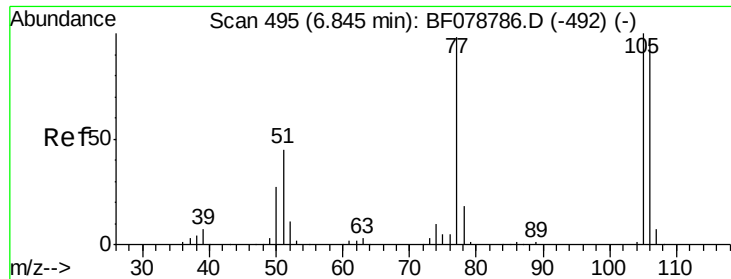
130 31.7 12.1 52.1

64 60.5 29.6 69.6



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: 39.72 ng

RT: 6.83 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF078848.D

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SSTDCCC040EC

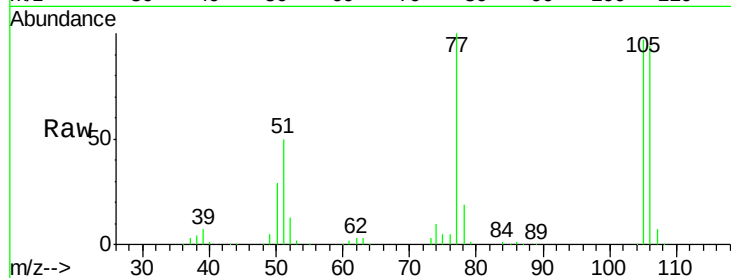
Tot Ion: 77 Resp: 147445

Ion Ratio Lower Upper

77 100

105 97.5 81.7 121.7

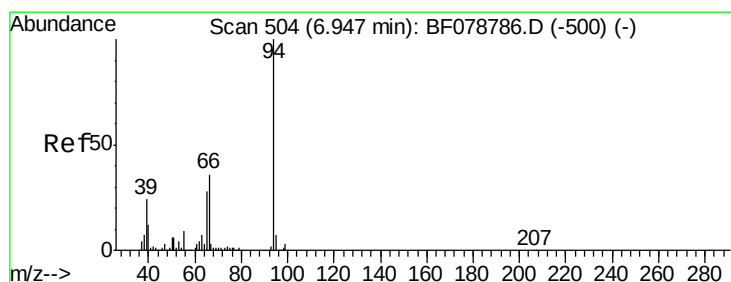
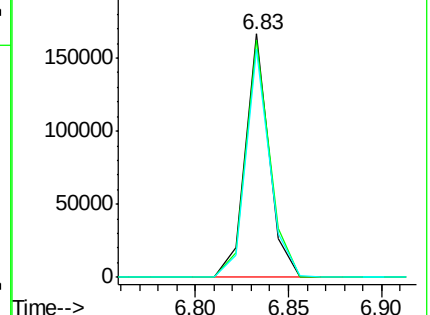
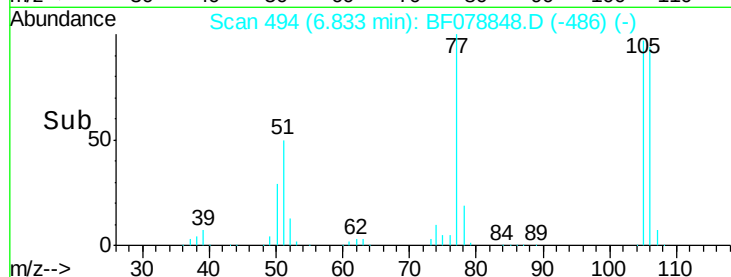
106 93.7 79.0 119.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.40 ng

RT: 6.95 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

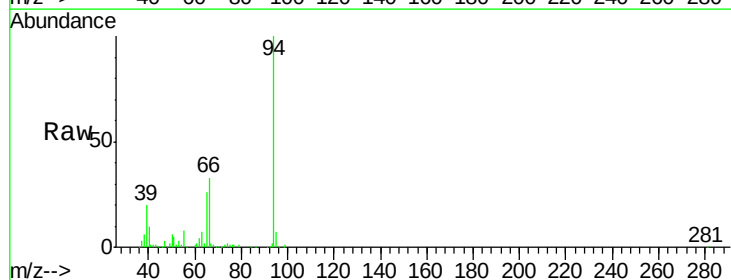
Tgt Ion: 94 Resp: 257825

Ion Ratio Lower Upper

94 100

65 26.1 8.5 48.5

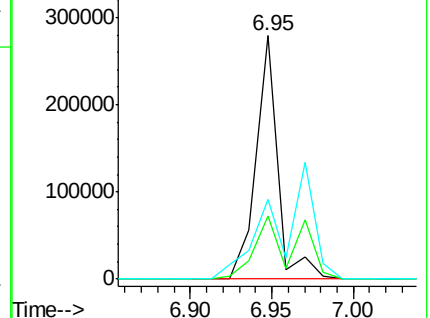
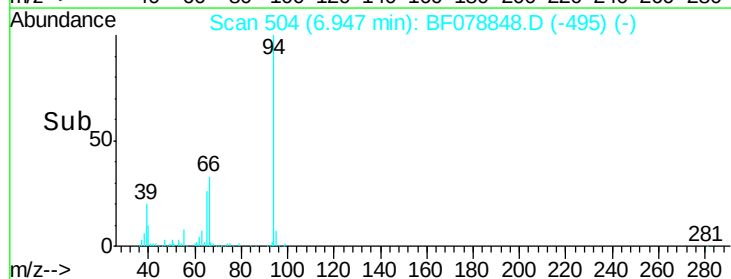
66 32.9 16.0 56.0

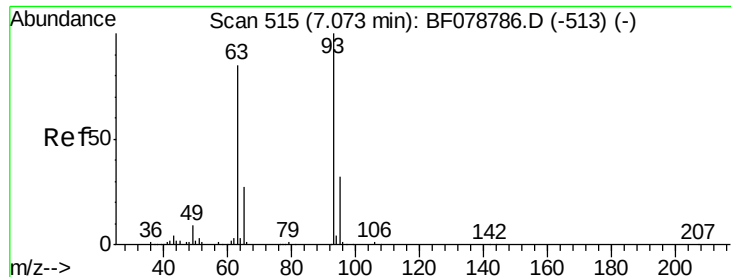


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.80 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

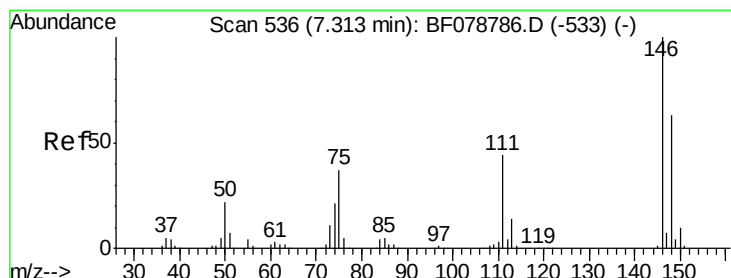
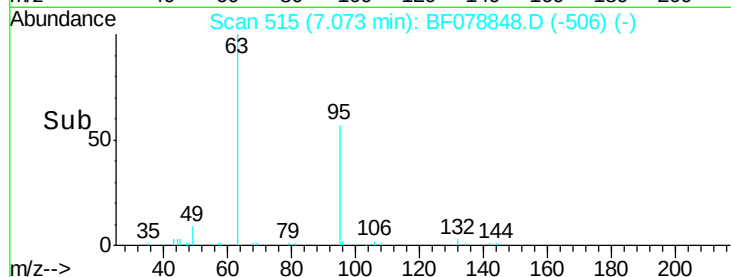
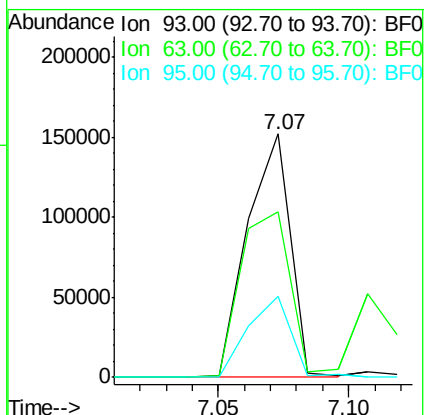
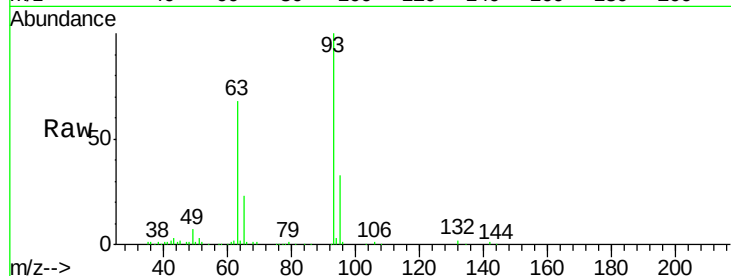
Tot Ion: 93 Resp: 174485

Ion Ratio Lower Upper

93 100

63 68.2 64.8 104.8

95 33.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 39.55 ng

RT: 7.31 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

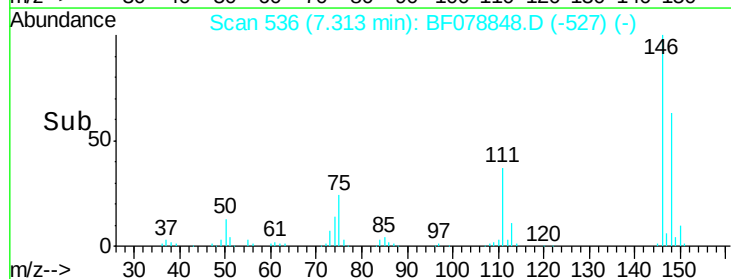
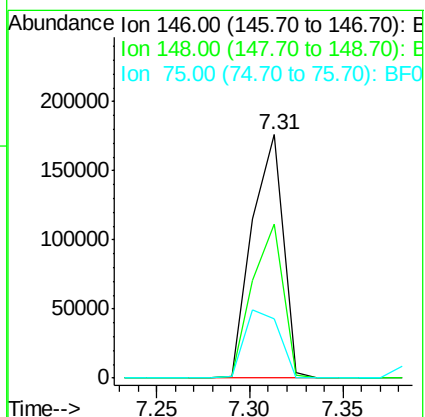
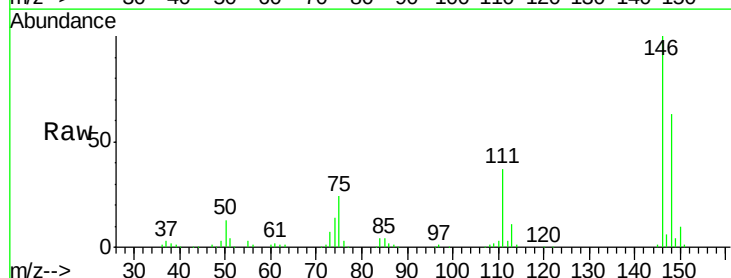
Tgt Ion: 146 Resp: 203318

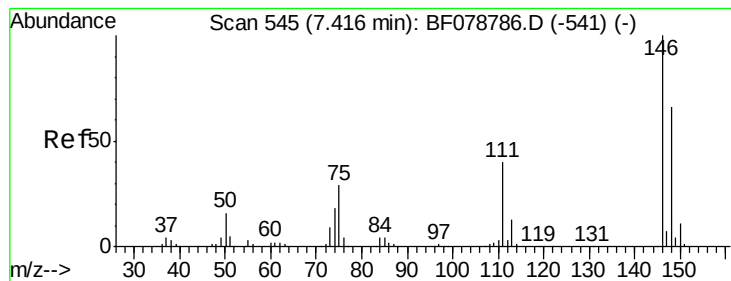
Ion Ratio Lower Upper

146 100

148 63.4 50.2 75.2

75 24.2 29.2 43.8#





#13

1,4-Dichlorobenzene

Concen: 39.34 ng

RT: 7.40 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

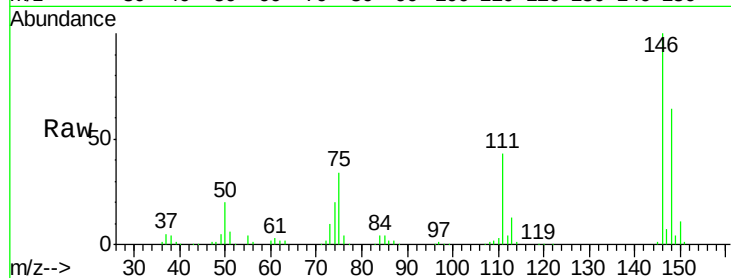
Tot Ion:146 Resp: 207053

Ion Ratio Lower Upper

146 100

148 63.7 52.8 79.2

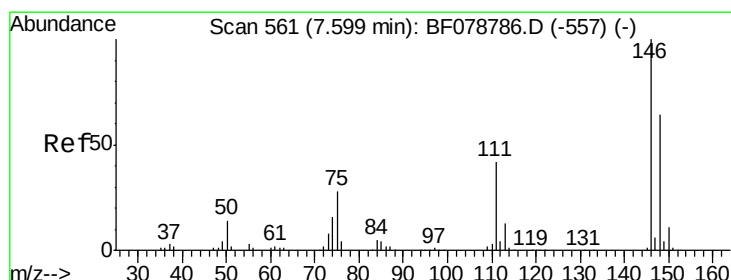
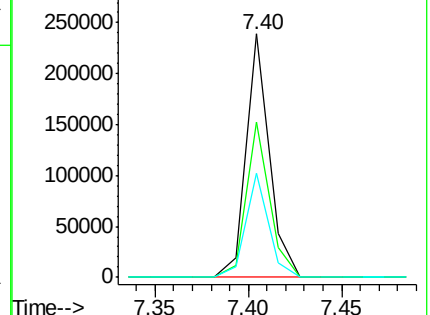
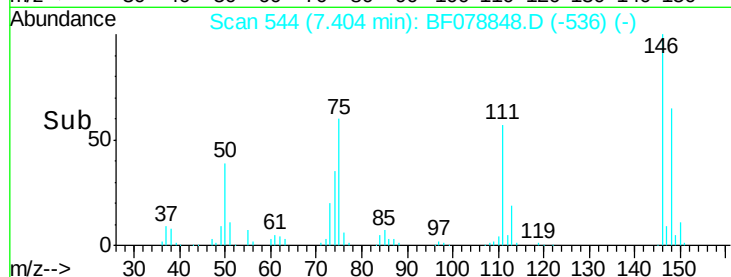
111 42.6 31.7 47.5



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: 39.49 ng

RT: 7.59 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

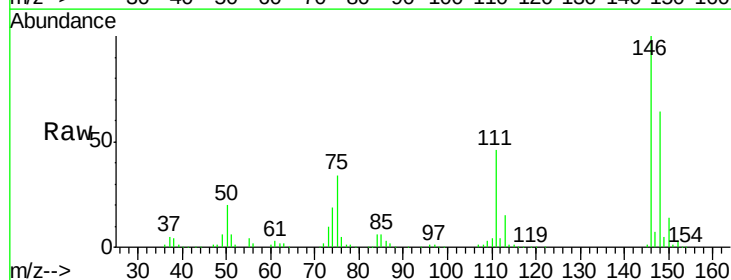
Tgt Ion:146 Resp: 194194

Ion Ratio Lower Upper

146 100

148 63.5 51.2 76.8

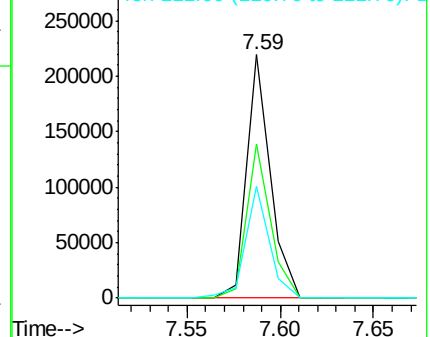
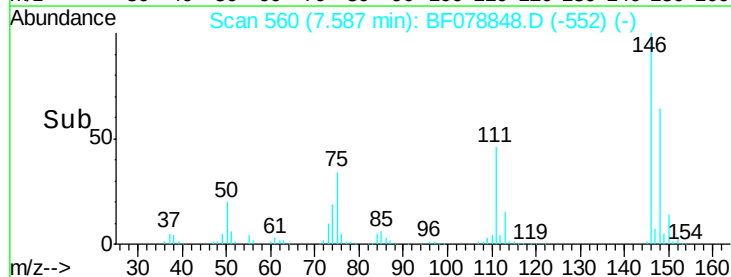
111 46.1 33.3 49.9

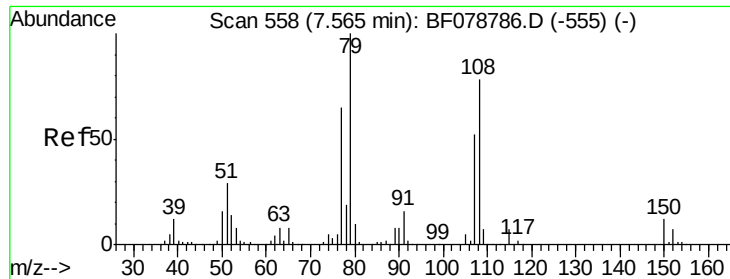


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.92 ng

RT: 7.56 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

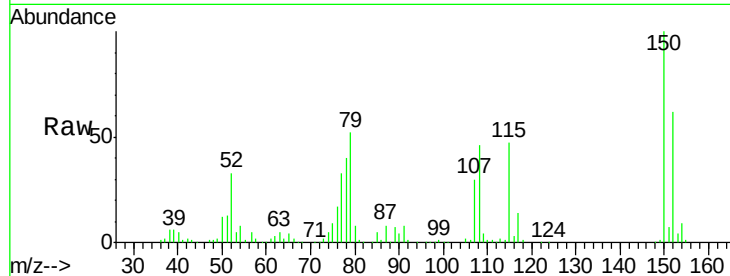
Tot Ion: 79 Resp: 156873

Ion Ratio Lower Upper

79 100

108 89.1 62.5 93.7

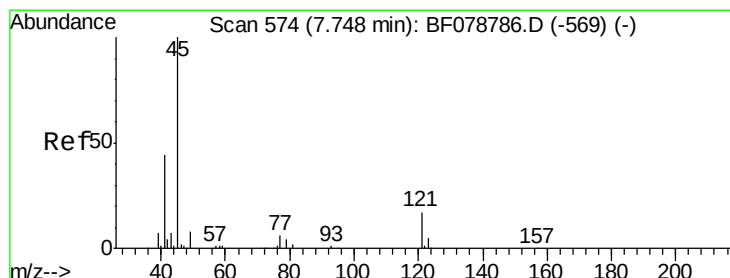
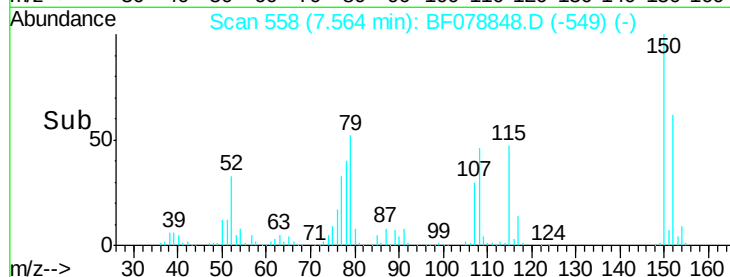
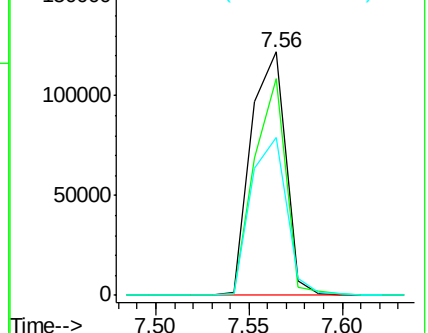
77 64.6 52.2 78.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.45 ng

RT: 7.74 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

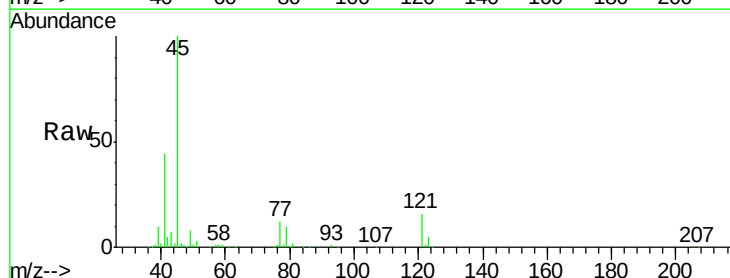
Tgt Ion: 45 Resp: 270332

Ion Ratio Lower Upper

45 100

77 12.2 0.0 32.3

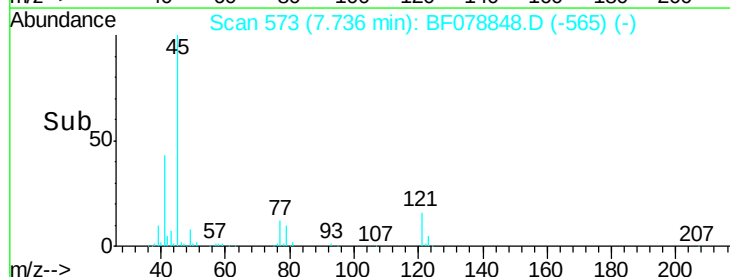
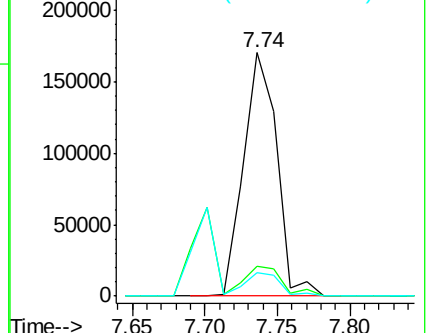
79 9.9 0.0 30.1

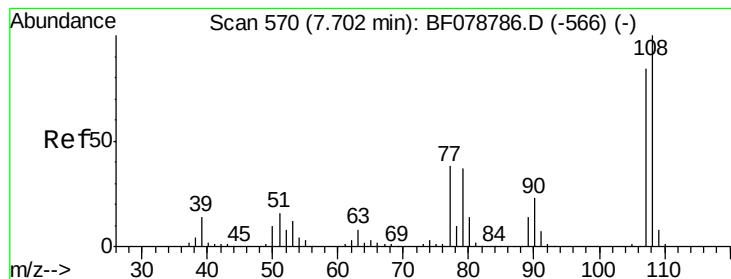


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

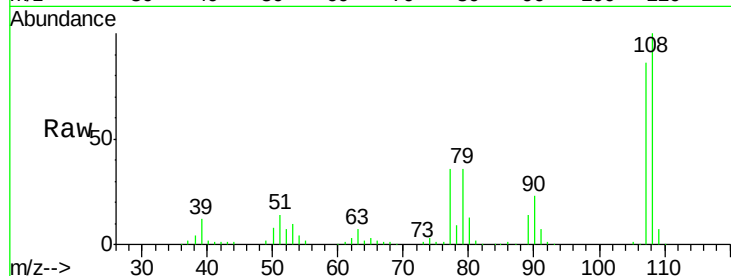




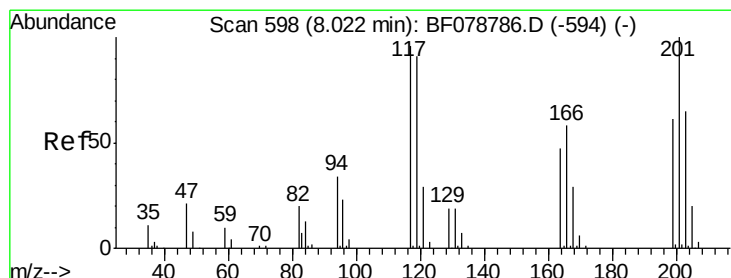
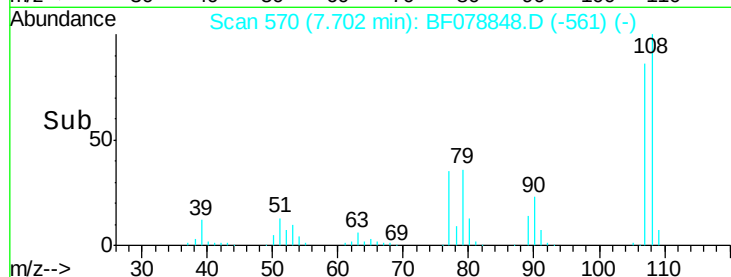
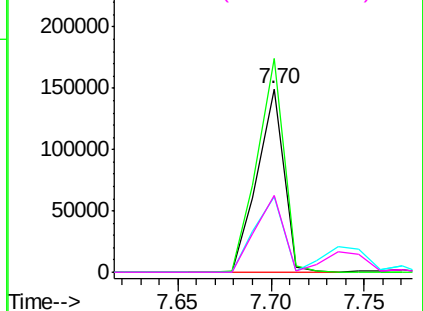
#17
2-Methylphenol
Concen: 41.37 ng
RT: 7.70 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF078848.D
Acq: 30 Apr 2015 10:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	107	Resp:	148281
Ion	Ratio	Lower	Upper
107	100		
108	116.4	94.9	142.3
77	41.5	36.2	54.4
79	41.7	35.2	52.8

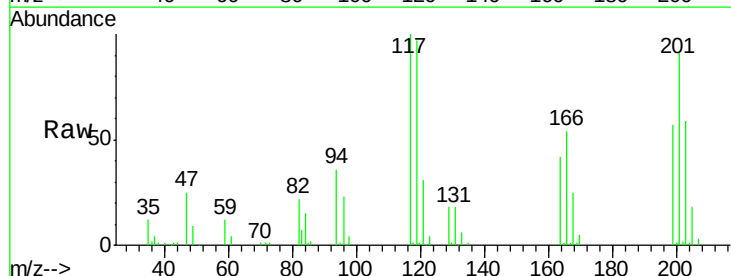


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

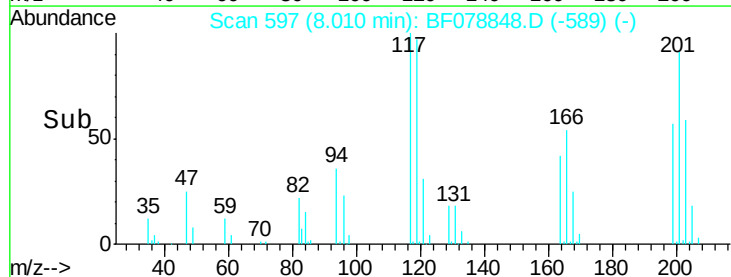
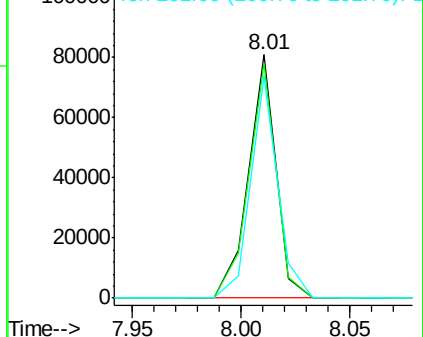


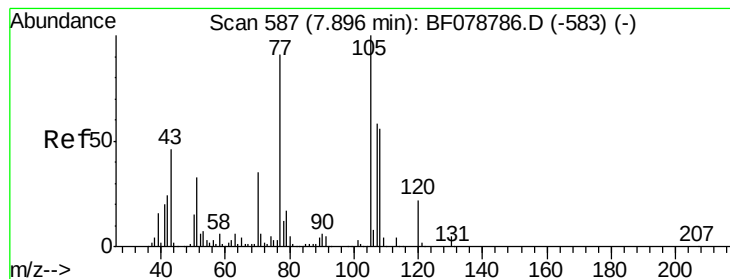
#18
Hexachloroethane
Concen: 40.76 ng
RT: 8.01 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF078848.D
Acq: 30 Apr 2015 10:55

Tgt Ion:	117	Resp:	70851
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.4	113.0
201	91.1	83.2	124.8



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: 42.12 ng

RT: 7.90 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 151207

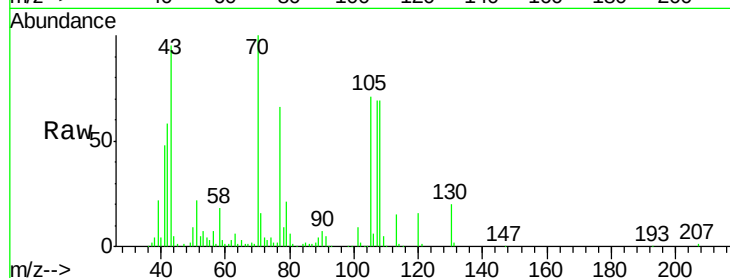
Ion Ratio Lower Upper

70 100

42 57.8 55.4 83.0

101 9.3 6.6 10.0

130 20.0 11.9 17.9#

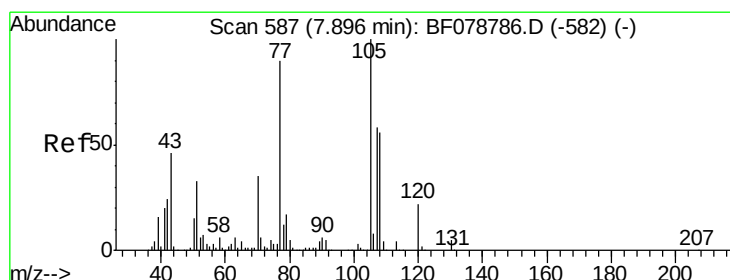
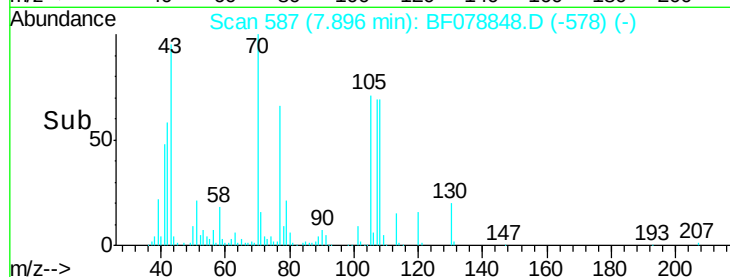
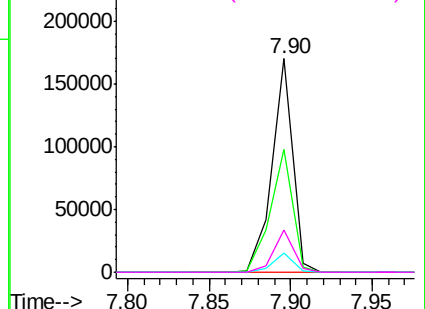


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 44.10 ng

RT: 7.88 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

Tgt Ion: 107 Resp: 205920

Ion Ratio Lower Upper

107 100

108 84.0 76.9 116.9

77 146.1 136.8 176.8

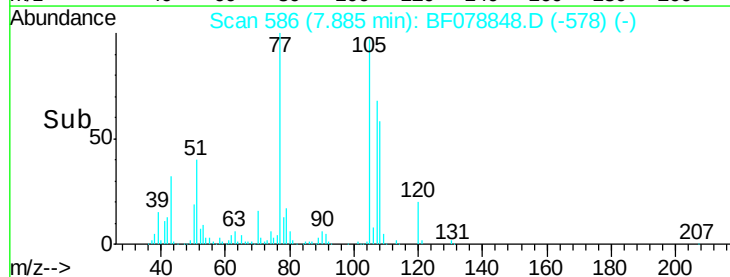
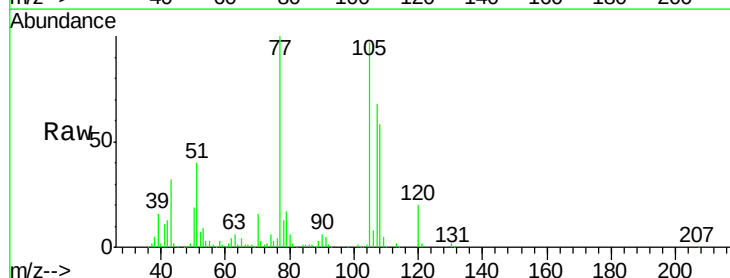
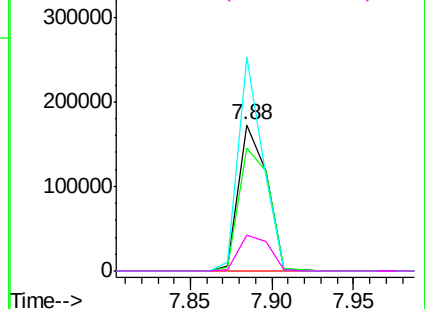
79 24.5 9.7 49.7

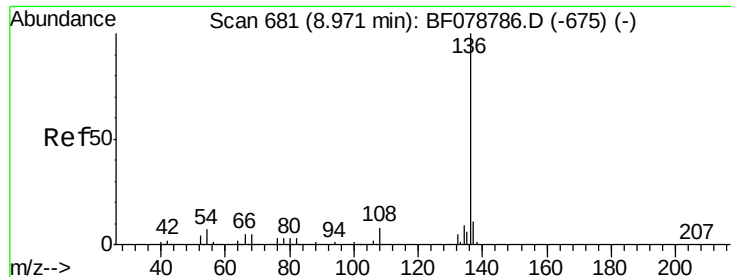
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

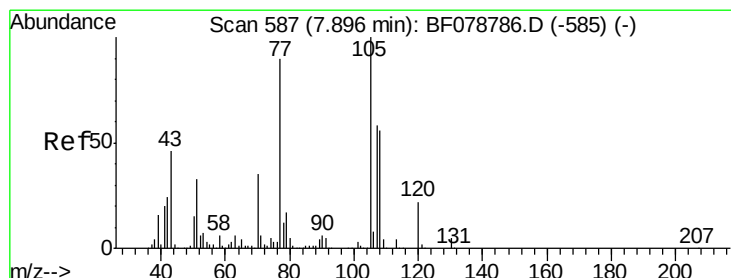
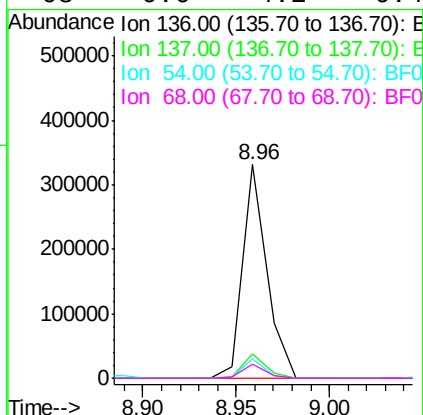
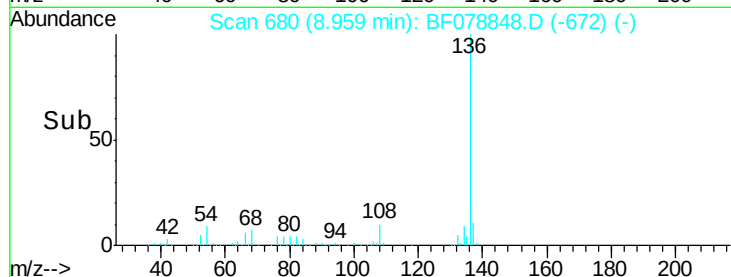
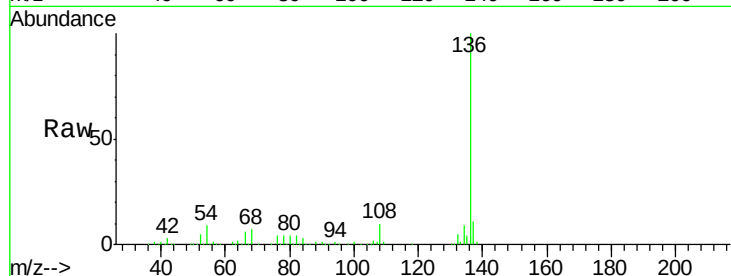




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.96 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF078848.D
Acq: 30 Apr 2015 10:55

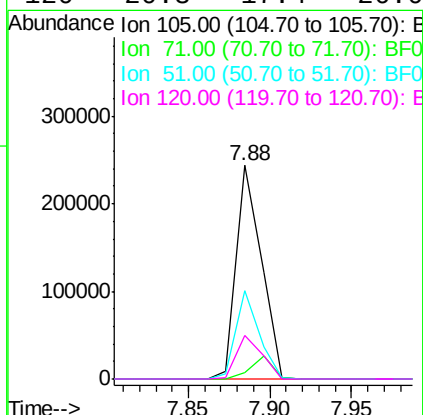
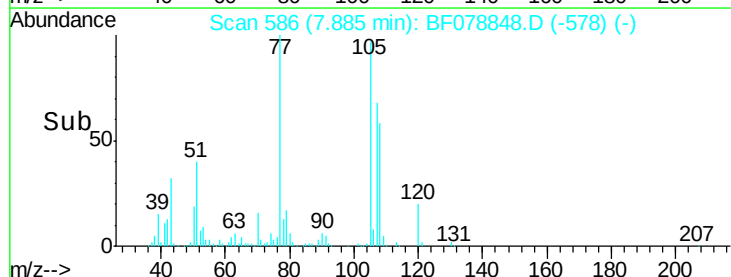
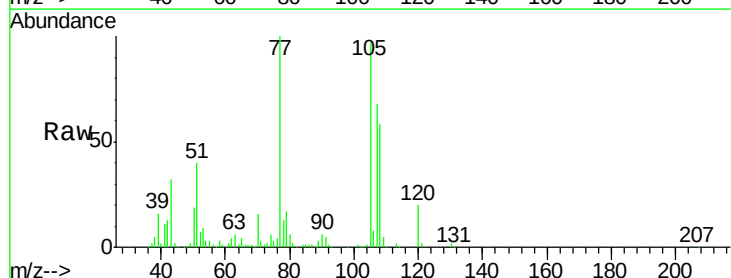
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

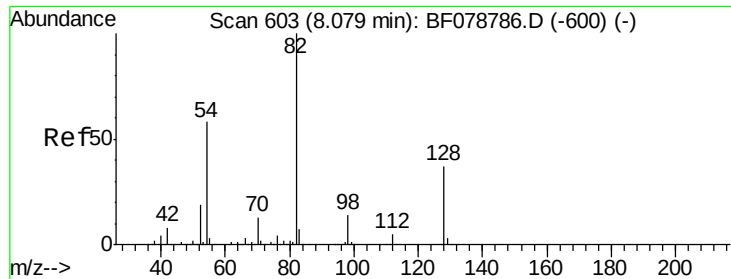
Tot Ion:136	Resp:	298959
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.7 13.1
54	9.2	5.8 8.8#
68	6.6	4.2 6.4#



#22
Acetophenone
Concen: 38.85 ng
RT: 7.88 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF078848.D
Acq: 30 Apr 2015 10:55

Tgt Ion:105	Resp:	257304
Ion Ratio	Lower	Upper
105	100	
71	2.9	4.6 6.8#
51	41.5	26.7 40.1#
120	20.3	17.4 26.0

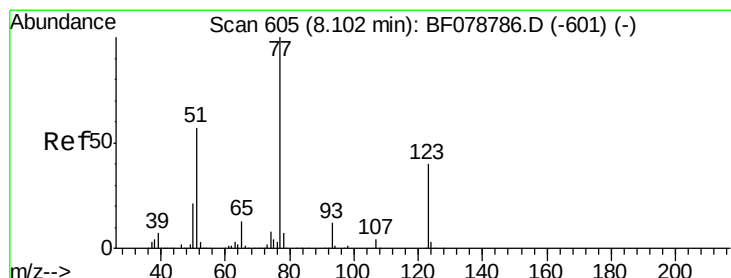
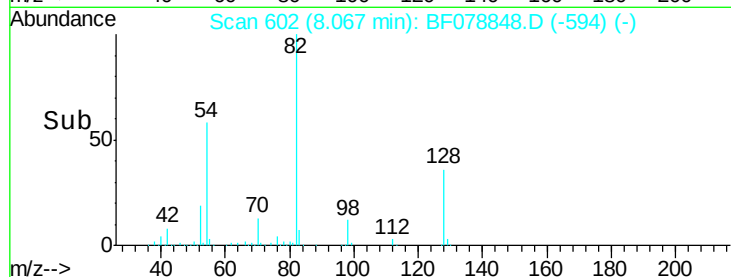
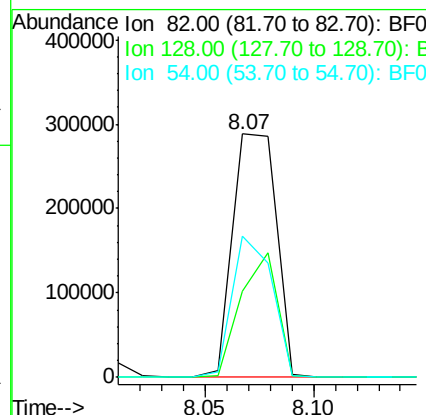
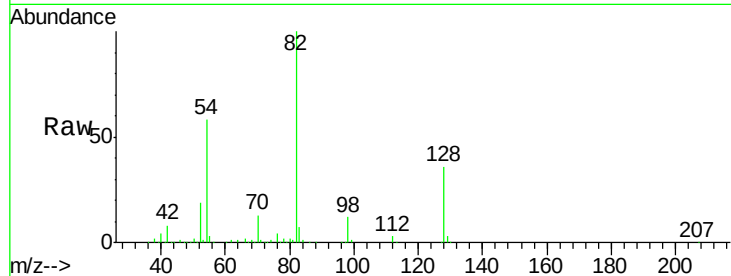




#23
 Nitrobenzene-d5
 Concen: 96.94 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

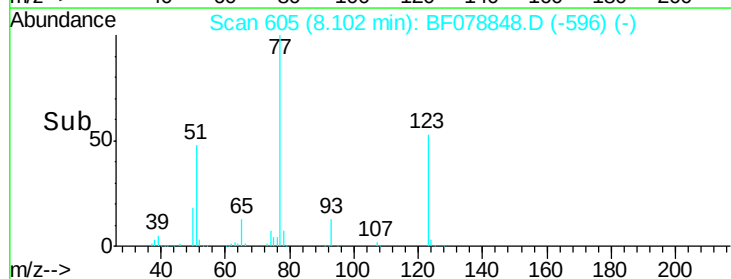
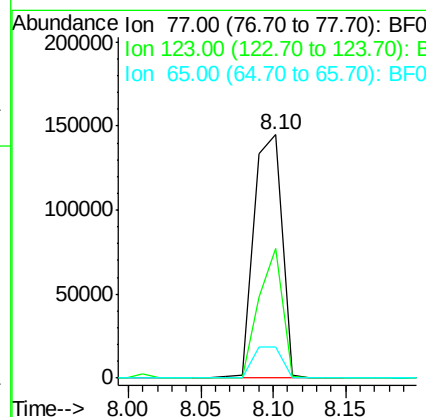
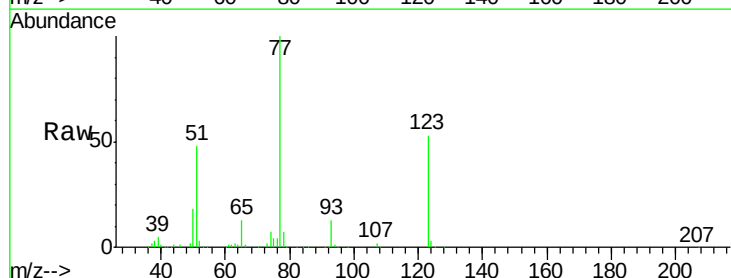
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

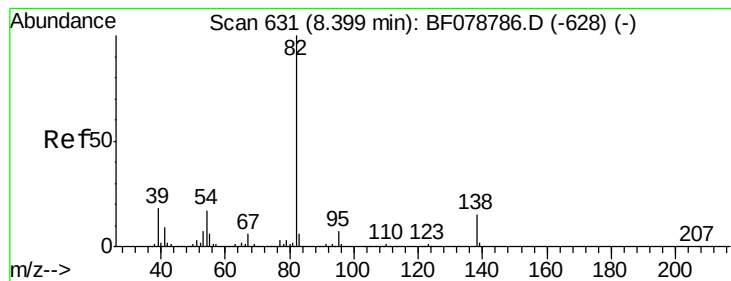
Tot Ion	82	Resp	402508
Ion Ratio	100	Lower	Upper
128	35.6	30.0	45.0
54	58.2	46.4	69.6



#24
 Nitrobenzene
 Concen: 43.86 ng
 RT: 8.10 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

Tgt Ion	77	Resp	195038
Ion Ratio	100	Lower	Upper
123	53.5	31.8	47.8#
65	12.7	10.6	15.8





#25

Isophorone

Concen: 40.57 ng

RT: 8.40 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

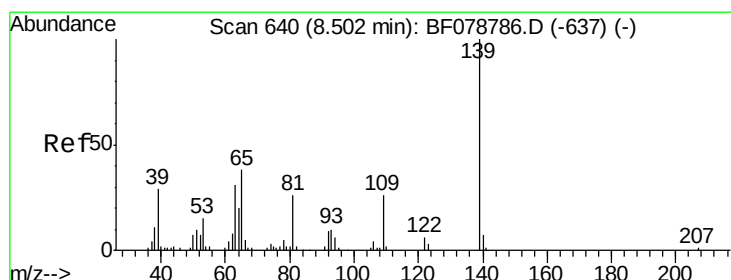
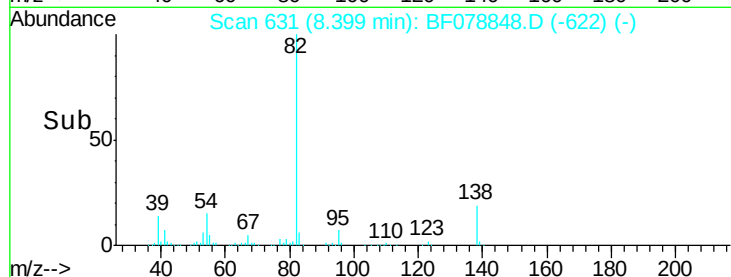
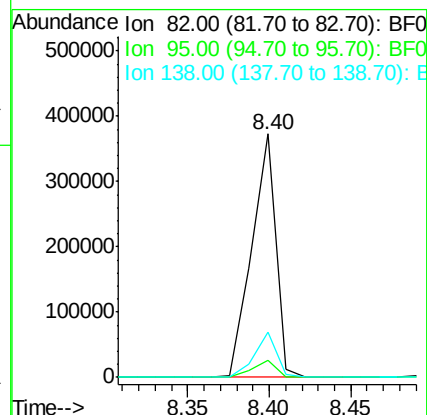
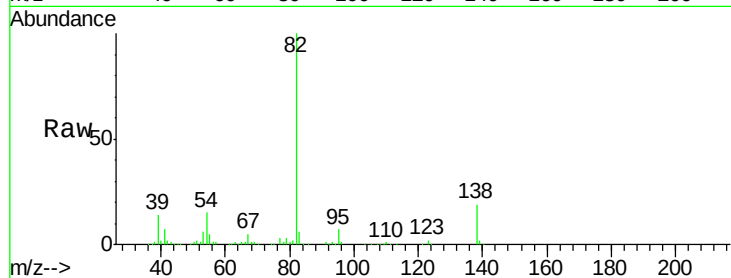
Tot Ion: 82 Resp: 380870

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 18.7 12.0 18.0#



#26

2-Nitrophenol

Concen: 63.25 ng

RT: 8.49 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

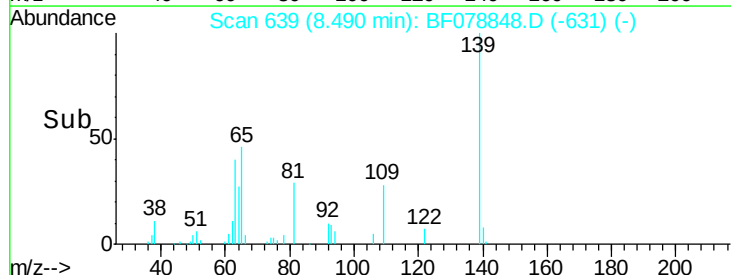
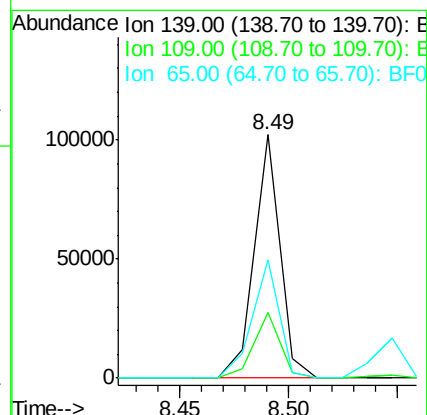
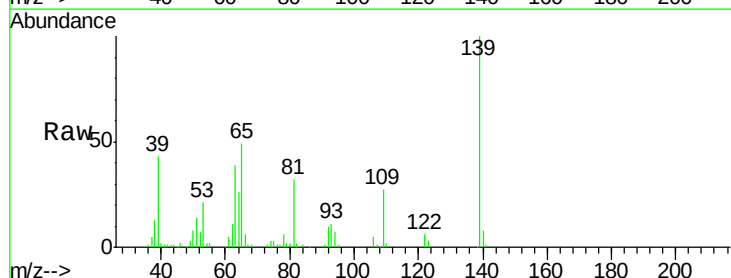
Tgt Ion: 139 Resp: 84227

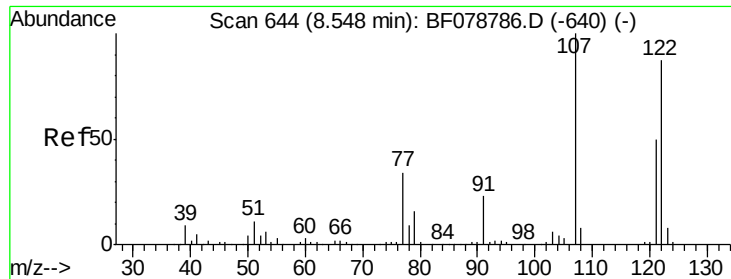
Ion Ratio Lower Upper

139 100

109 27.2 21.0 31.4

65 48.5 30.5 45.7#

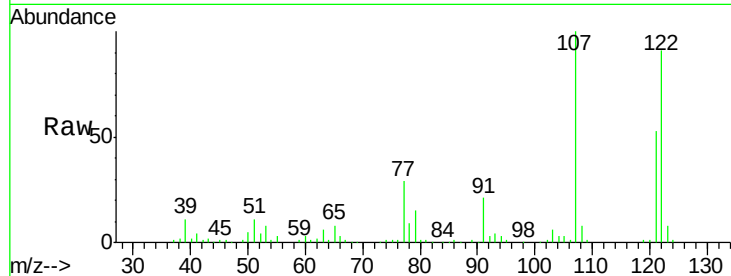




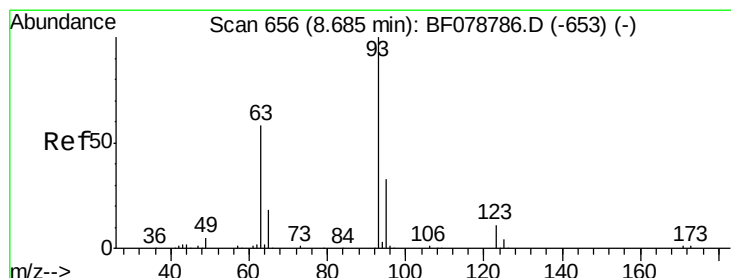
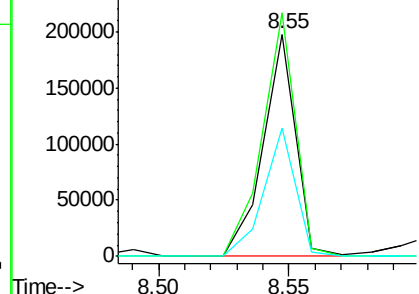
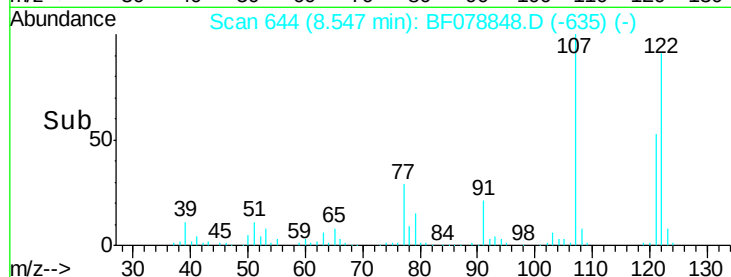
#27
 2,4-Dimethylphenol
 Concen: 41.52 ng
 RT: 8.55 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:122 Resp: 172904
 Ion Ratio Lower Upper
 122 100
 107 109.6 90.6 135.8
 121 57.8 45.4 68.2

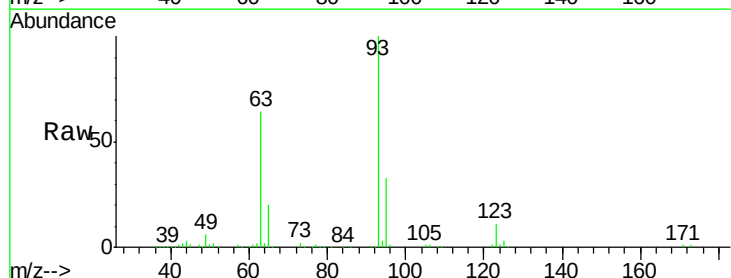


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

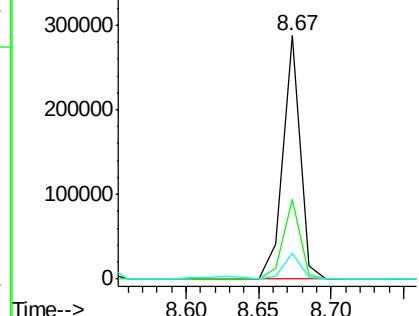
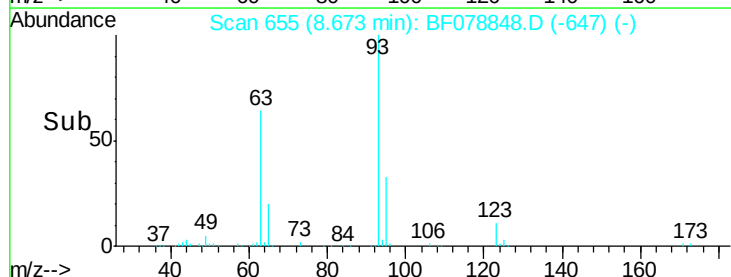


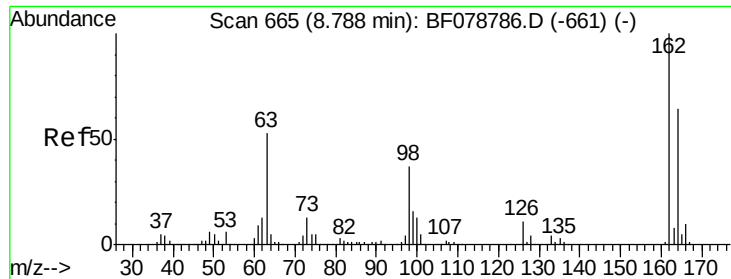
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.76 ng
 RT: 8.67 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

Tgt Ion: 93 Resp: 236283
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.7 40.1
 123 10.7 9.1 13.7



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

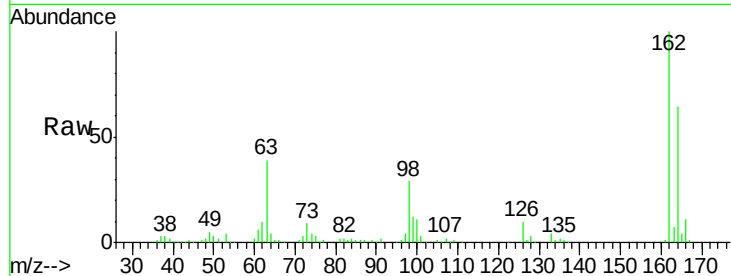




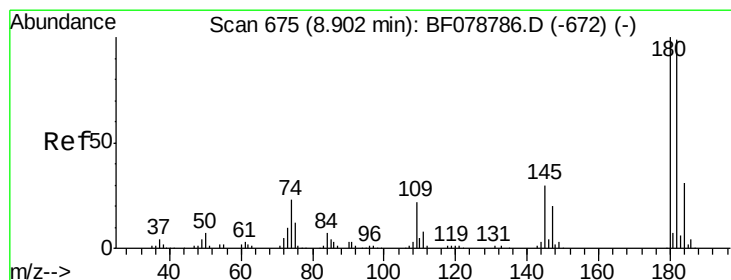
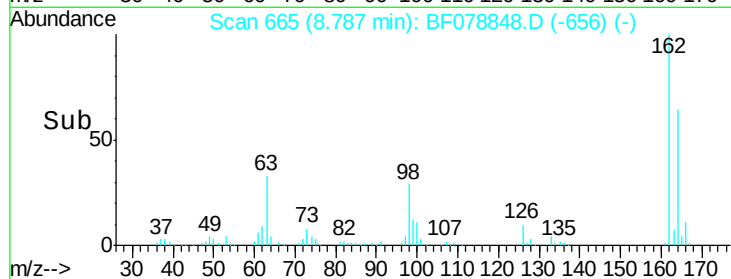
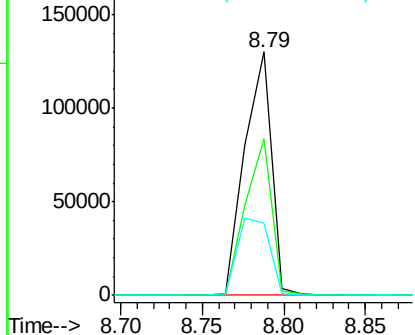
#29
 2,4-Dichlorophenol
 Concen: 41.75 ng
 RT: 8.79 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.6	83.6
98	29.4	16.5	56.5

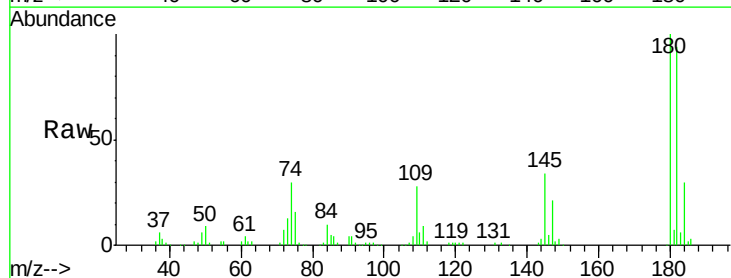


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

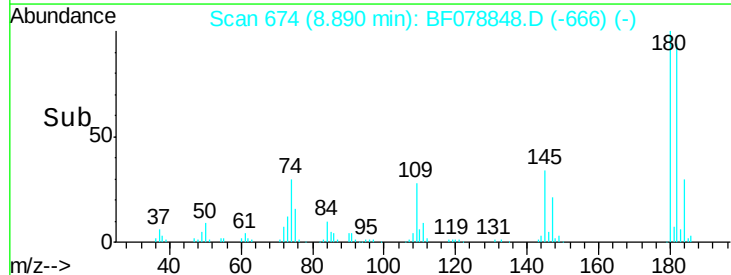
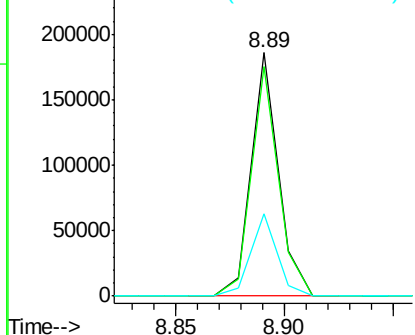


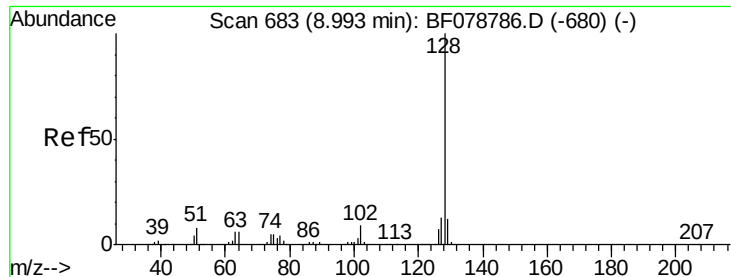
#30
 1,2,4-Trichlorobenzene
 Concen: 39.34 ng
 RT: 8.89 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	78.9	118.3
145	33.8	24.2	36.4



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: 38.30 ng

RT: 8.98 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

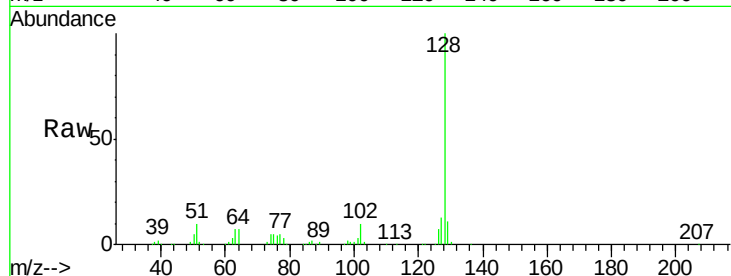
Tot Ion:128 Resp: 543467

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

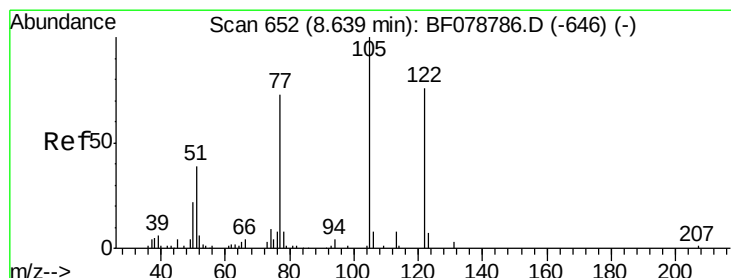
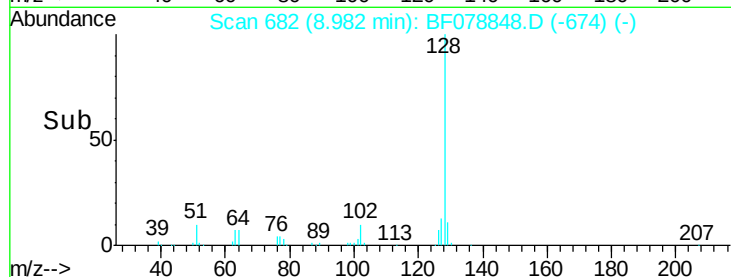
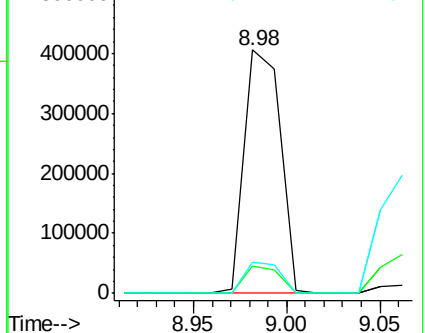
127 12.8 10.7 16.1



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: 73.28 ng

RT: 8.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

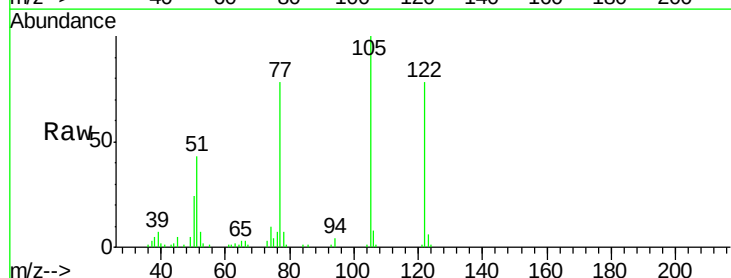
Tgt Ion:122 Resp: 92613

Ion Ratio Lower Upper

122 100

105 127.4 107.1 147.1

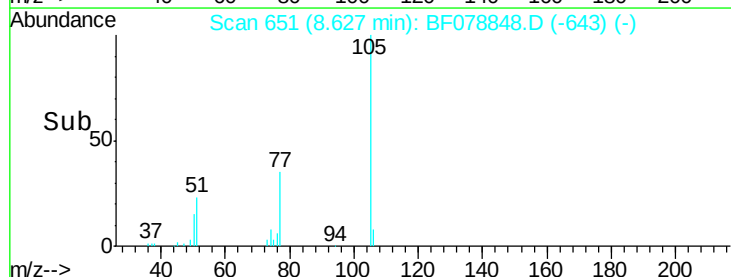
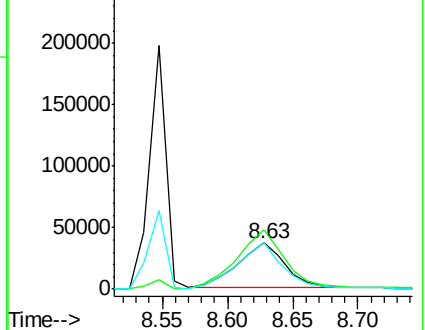
77 98.9 73.9 113.9

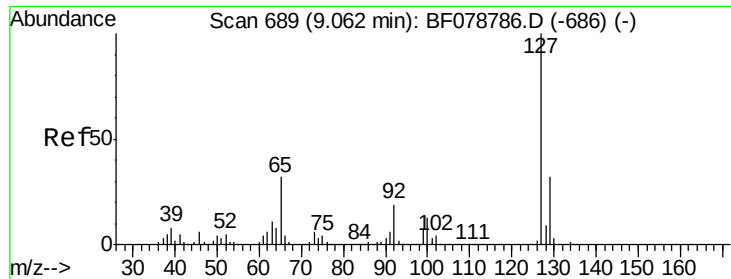


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

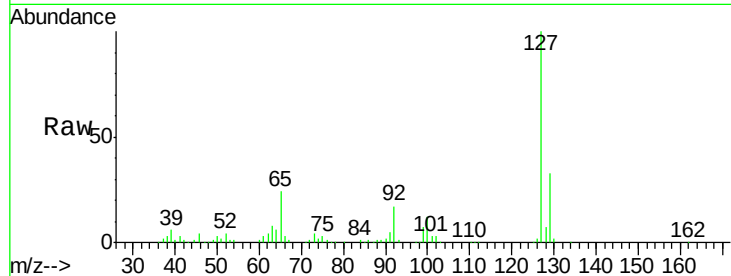




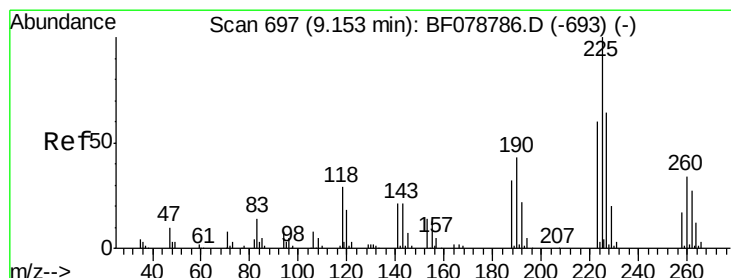
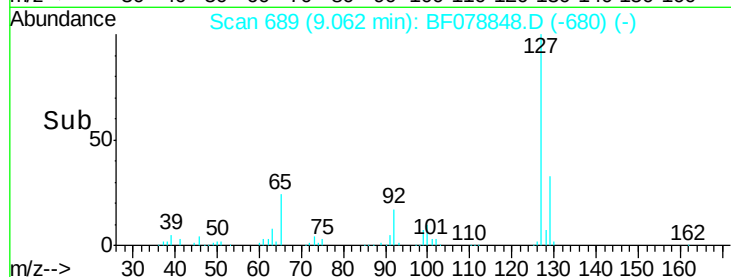
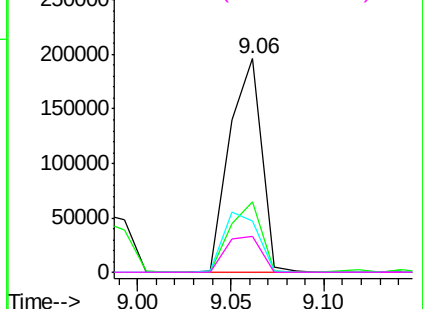
#33
4-Chloroaniline
Concen: 39.52 ng
RT: 9.06 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF078848.D
Acq: 30 Apr 2015 10:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:127	Resp:	235982
Ion Ratio	Lower	Upper
127	100	
129	32.7	25.8 38.8
65	24.0	25.8 38.6#
92	16.7	15.5 23.3

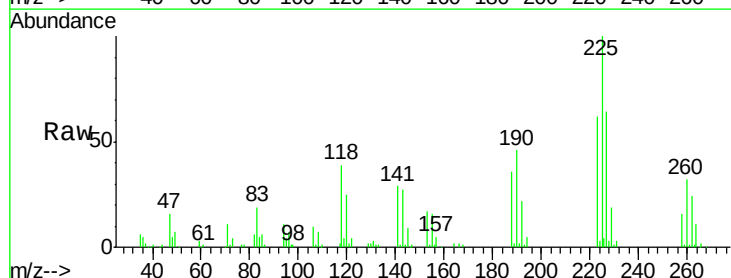


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

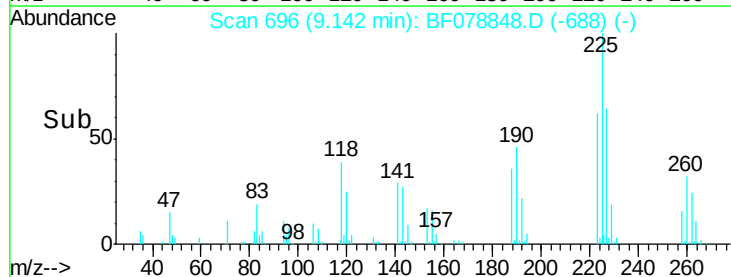
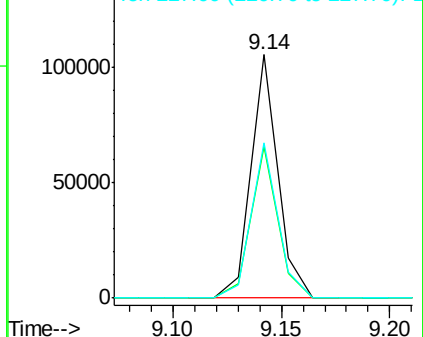


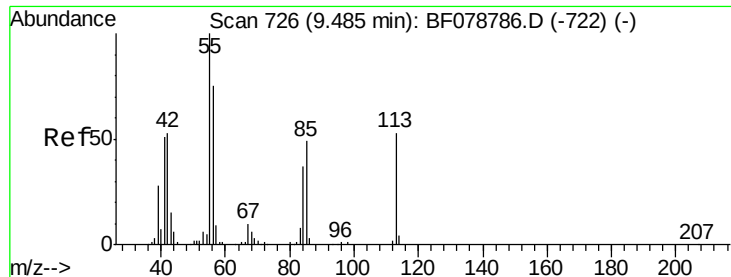
#34
Hexachlorobutadiene
Concen: 39.19 ng
RT: 9.14 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF078848.D
Acq: 30 Apr 2015 10:55

Tgt Ion:225	Resp:	90378
Ion Ratio	Lower	Upper
225	100	
223	62.3	48.2 72.4
227	63.7	51.4 77.0



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

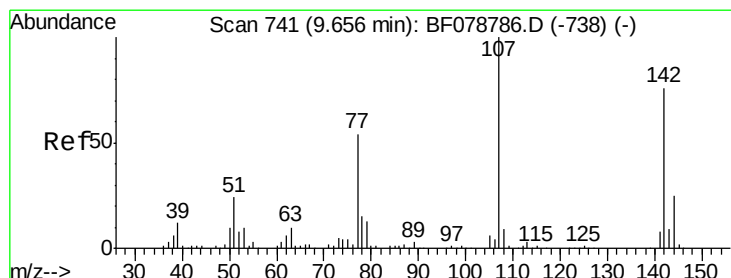
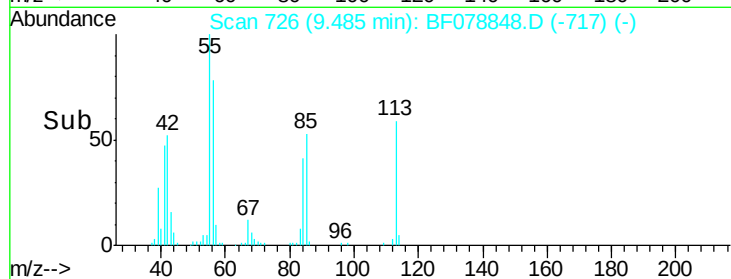
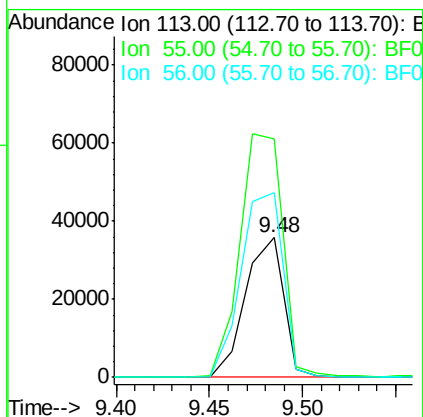
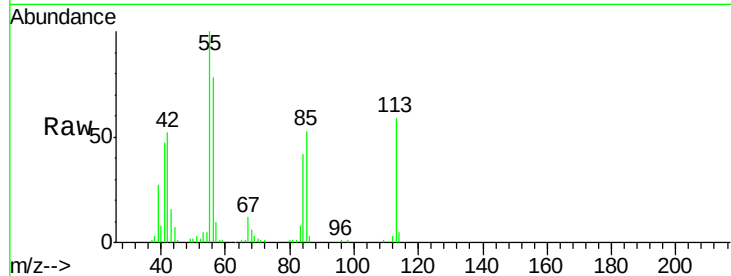




#35
 Caprolactam
 Concen: 44.63 ng
 RT: 9.48 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

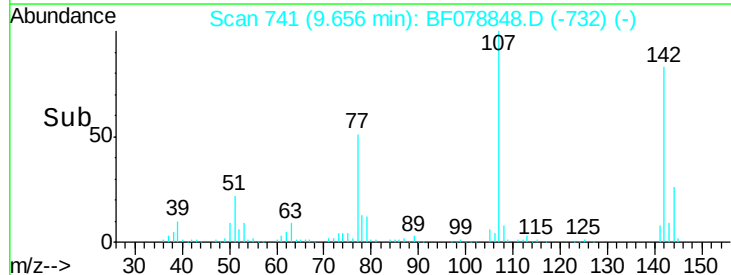
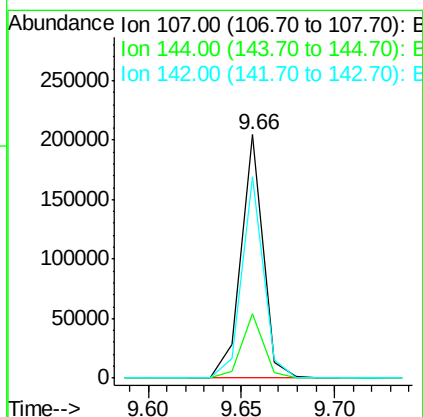
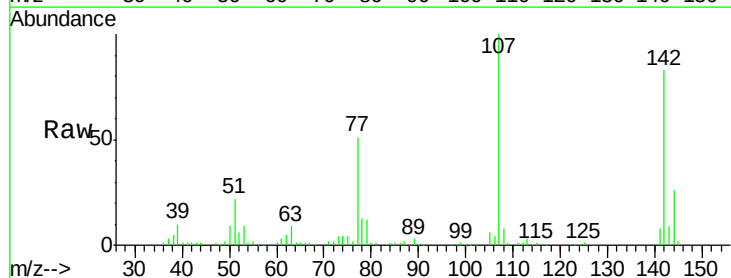
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

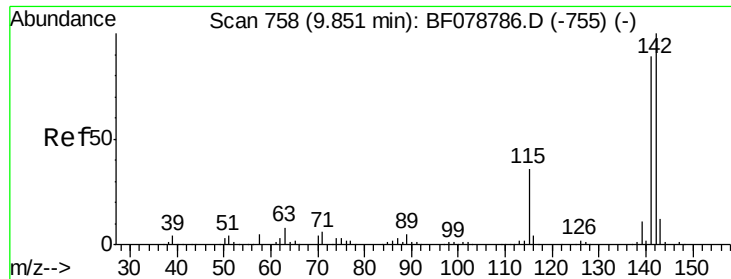
Tot Ion:113 Resp: 50581
 Ion Ratio Lower Upper
 113 100
 55 170.8 169.7 209.7
 56 132.6 122.5 162.5



#36
 4-Chloro-3-methylphenol
 Concen: 45.46 ng
 RT: 9.66 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

Tgt Ion:107 Resp: 169877
 Ion Ratio Lower Upper
 107 100
 144 26.3 19.8 29.6
 142 82.5 60.6 91.0

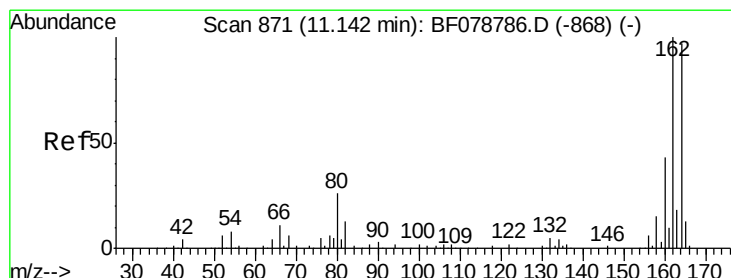
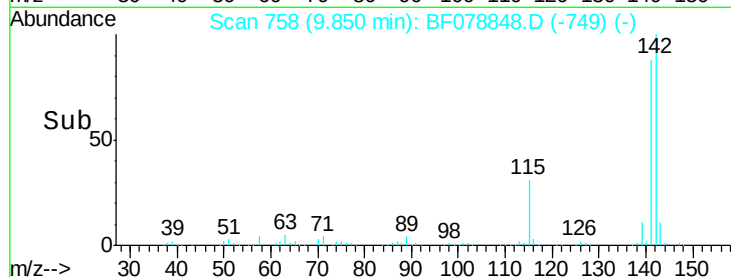
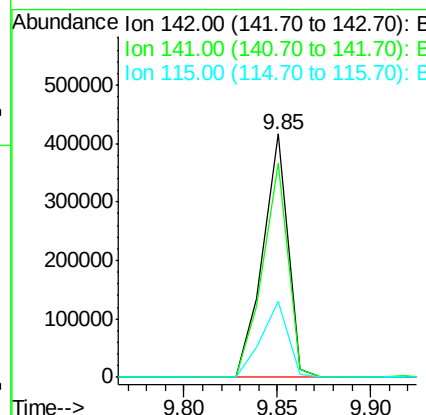
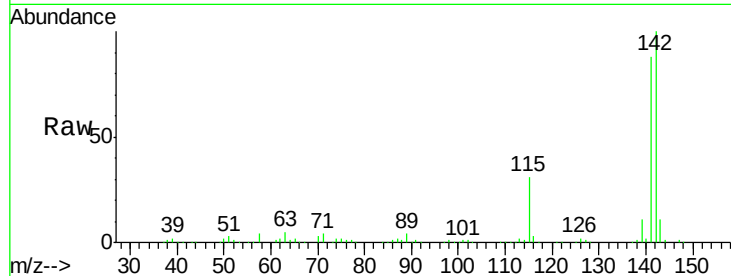




#37
 2-Methylnaphthalene
 Concen: 40.75 ng
 RT: 9.85 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

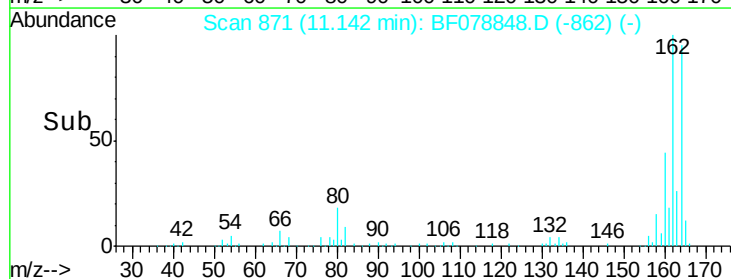
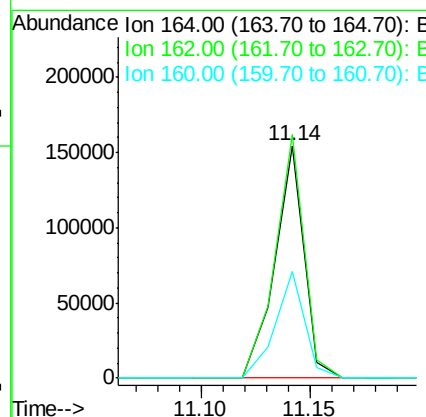
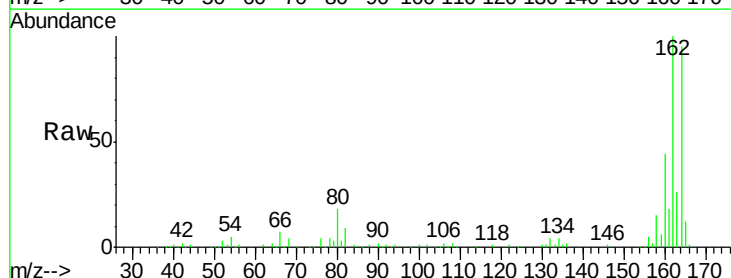
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

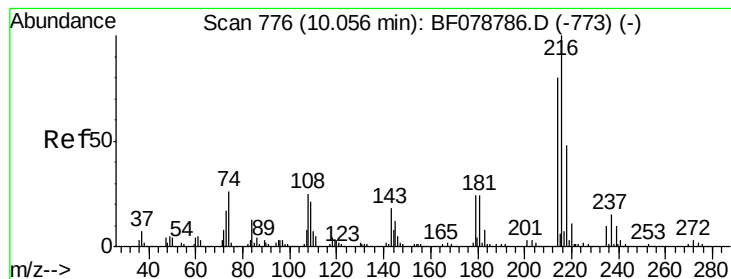
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.9	106.3
115	31.4	28.5	42.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.7	124.1
160	46.0	35.8	53.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.12 ng

RT: 10.06 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 156877

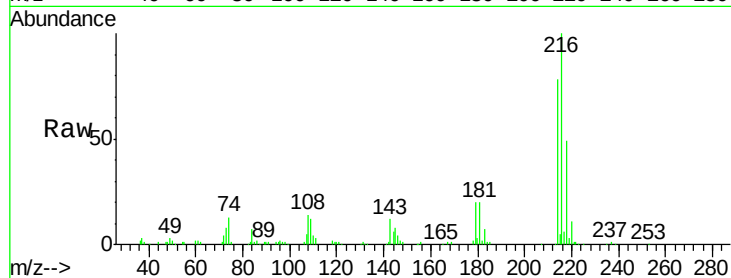
Ion Ratio Lower Upper

216 100

214 79.2 0.0 0.0#

179 22.2 0.0 0.0#

108 20.9 0.0 0.0#

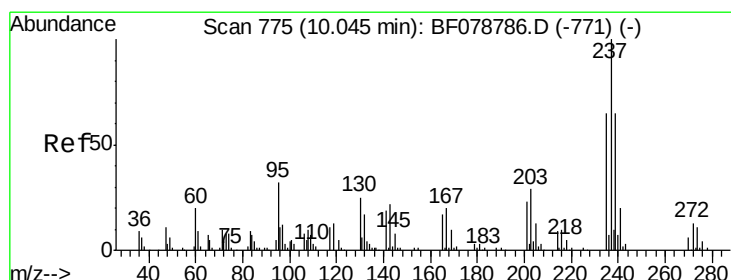
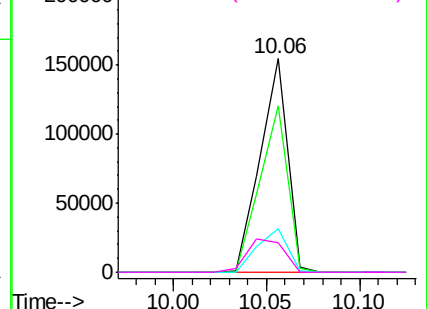
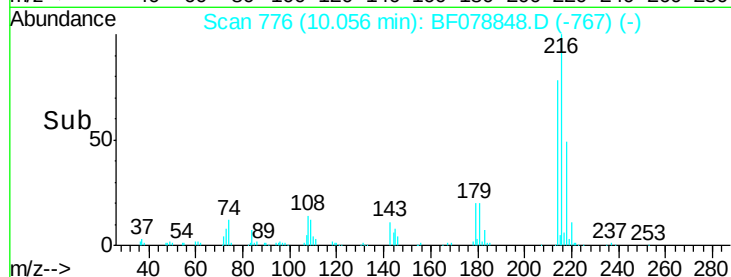


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 31.17 ng

RT: 10.04 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

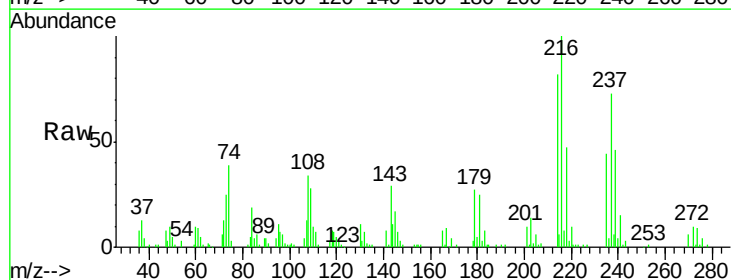
Tgt Ion:237 Resp: 53922

Ion Ratio Lower Upper

237 100

235 60.2 44.7 84.7

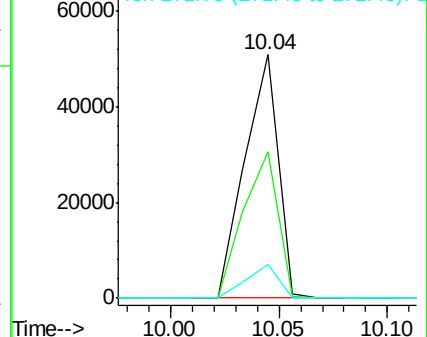
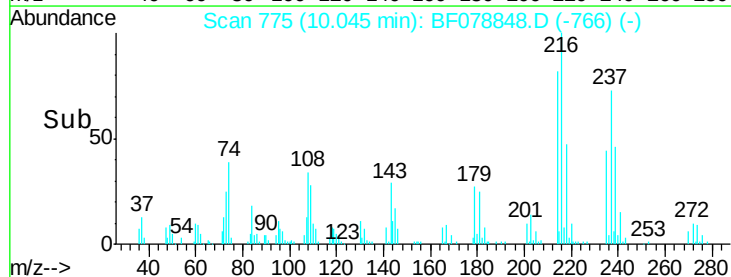
272 13.8 0.0 32.6

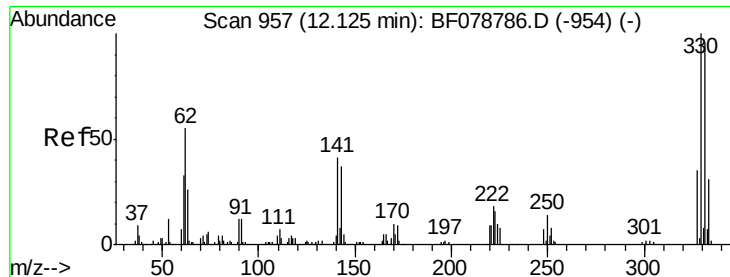


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

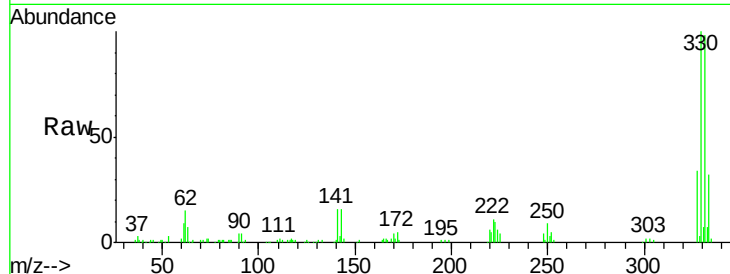




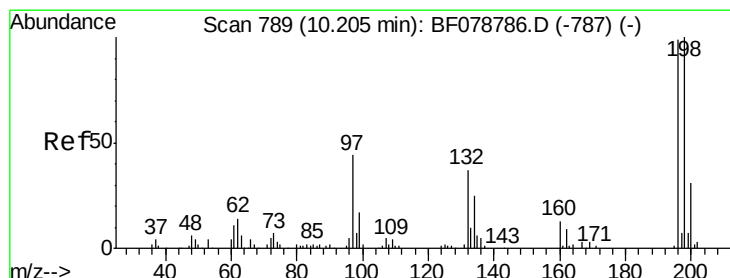
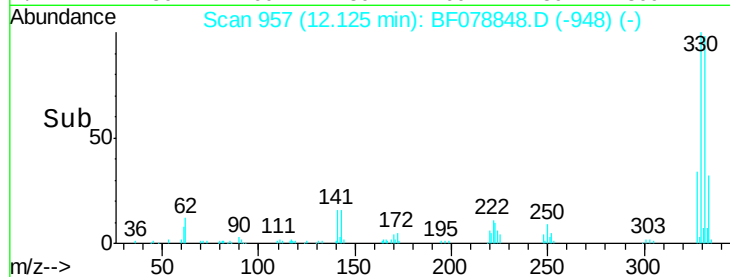
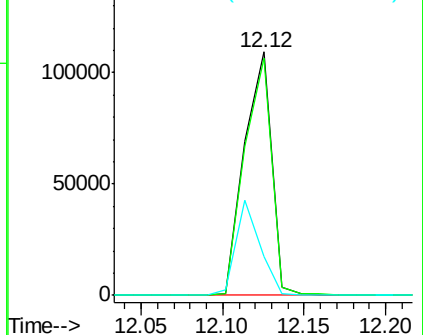
#41
 2,4,6-Tribromophenol
 Concen: 88.95 ng
 RT: 12.12 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	34.4	0.0	0.0#

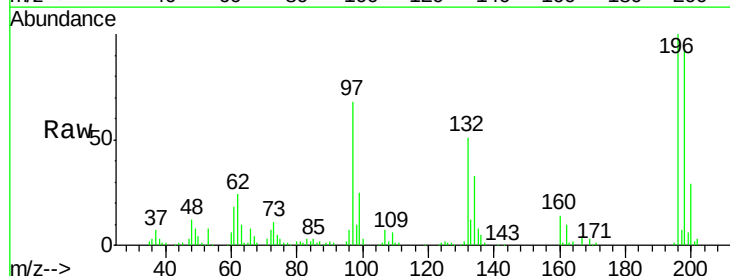


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

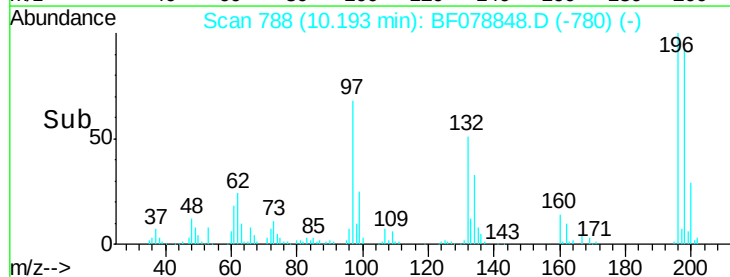
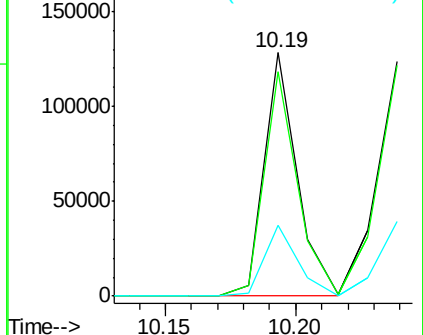


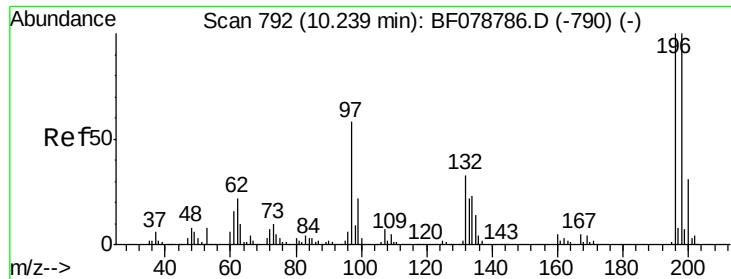
#42
 2,4,6-Trichlorophenol
 Concen: 45.06 ng
 RT: 10.19 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.4	80.5	120.7
200	28.9	24.9	37.3



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

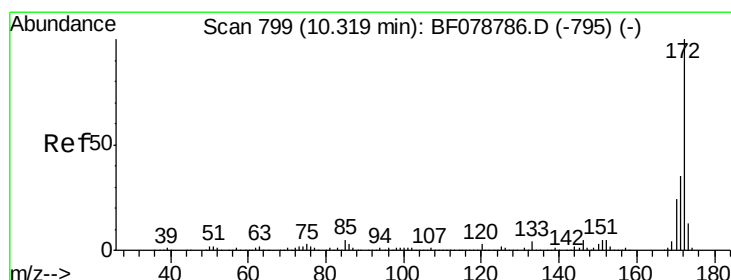
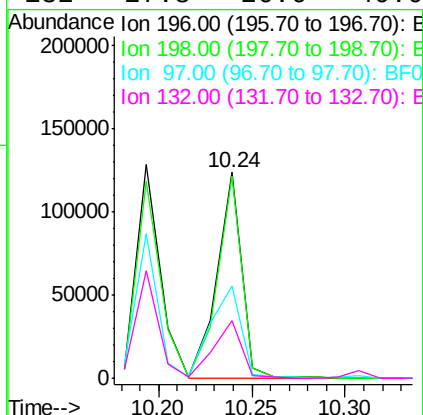
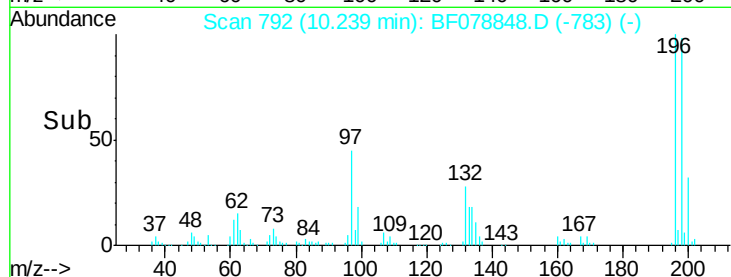
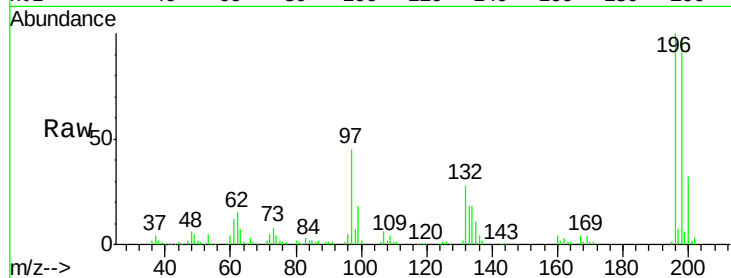




#43
 2,4,5-Trichlorophenol
 Concen: 42.82 ng
 RT: 10.24 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

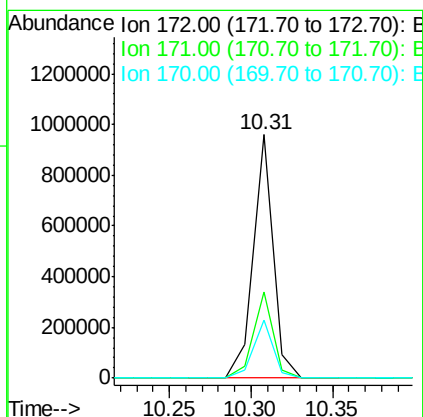
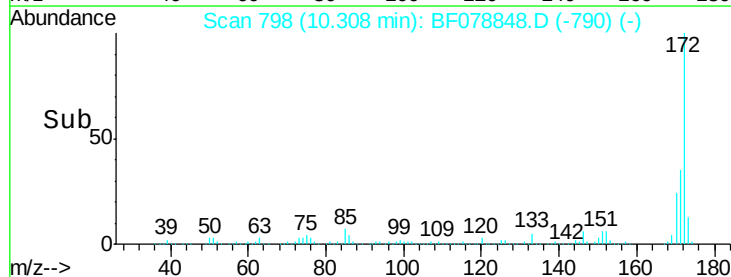
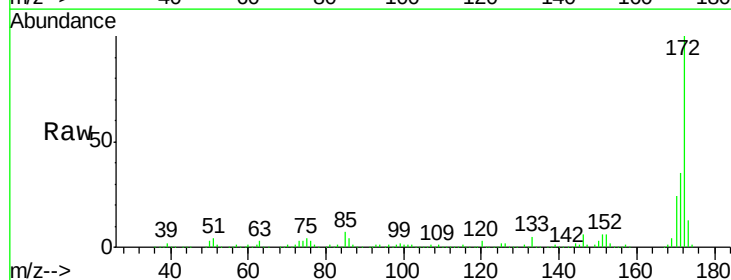
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

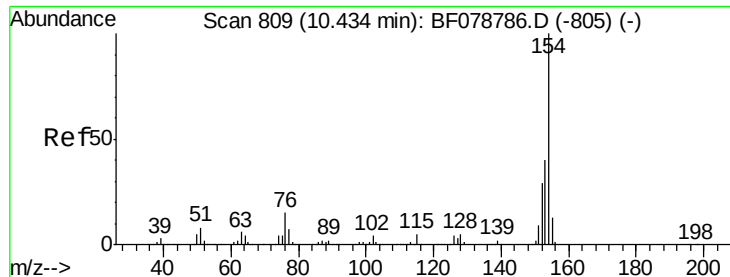
Tot Ion:196	Resp:	114275
Ion Ratio	Lower	Upper
196	100	
198	98.1	79.8 119.6
97	44.7	46.0 69.0#
132	27.8	26.6 40.0



#44
 2-Fluorobiphenyl
 Concen: 76.41 ng
 RT: 10.31 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

Tgt Ion:172	Resp:	810393
Ion Ratio	Lower	Upper
172	100	
171	35.5	27.9 41.9
170	23.8	19.4 29.0





#45

1,1'-Biphenyl

Concen: 37.96 ng

RT: 10.43 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

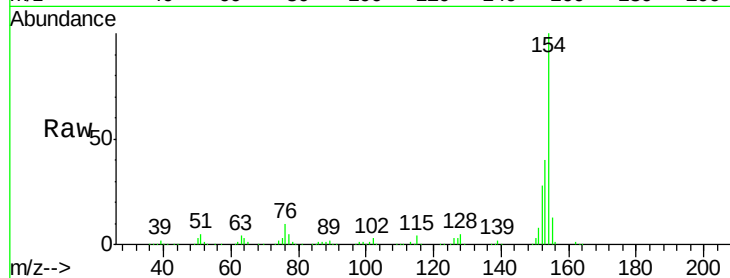
Tot Ion:154 Resp: 442475

Ion Ratio Lower Upper

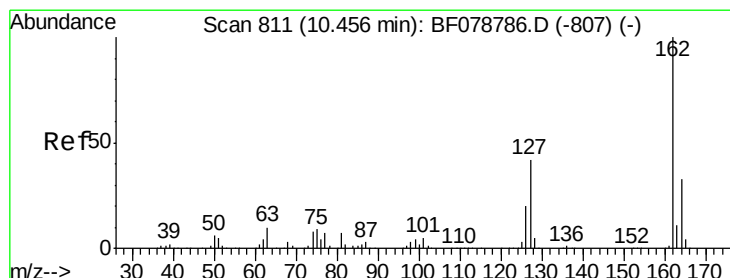
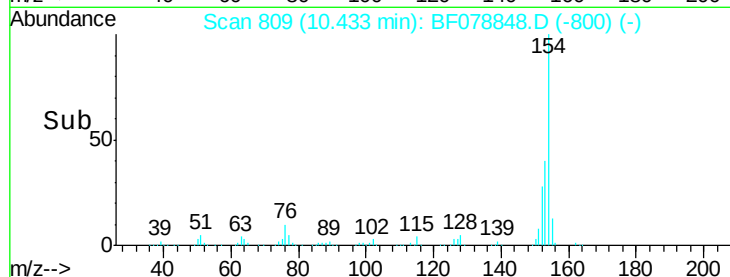
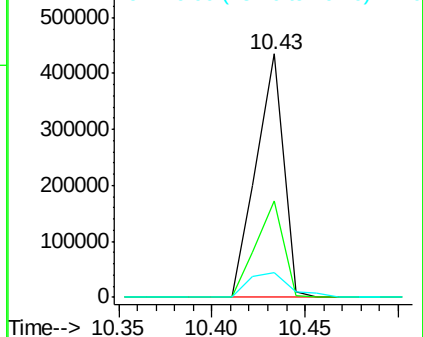
154 100

153 39.7 19.9 59.9

76 10.3 0.0 35.0



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: 38.10 ng

RT: 10.46 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

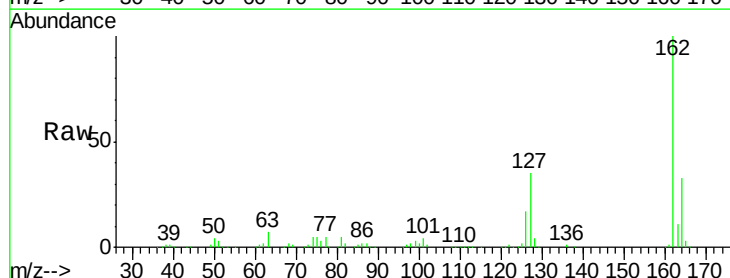
Tgt Ion:162 Resp: 347100

Ion Ratio Lower Upper

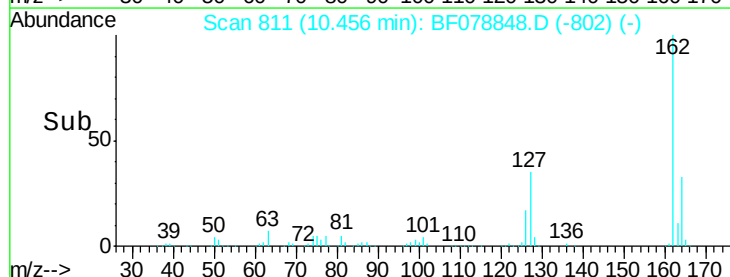
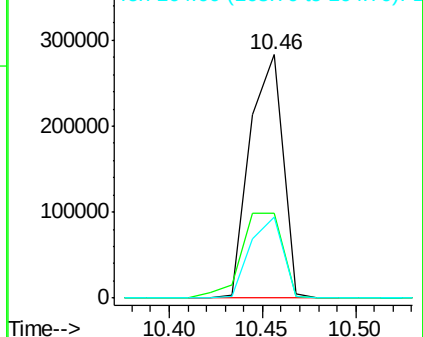
162 100

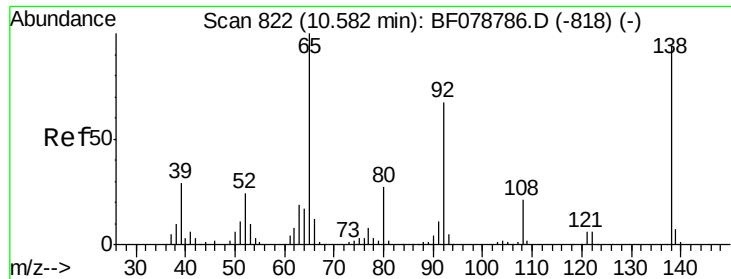
127 35.0 33.9 50.9

164 33.2 26.3 39.5



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

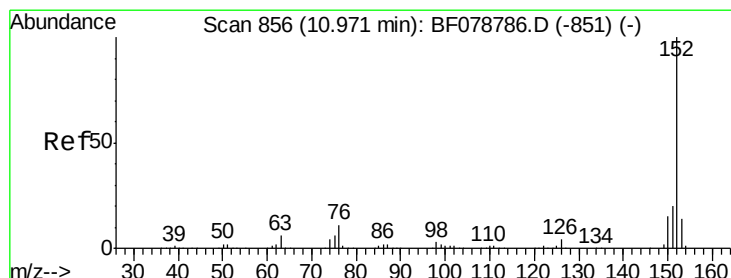
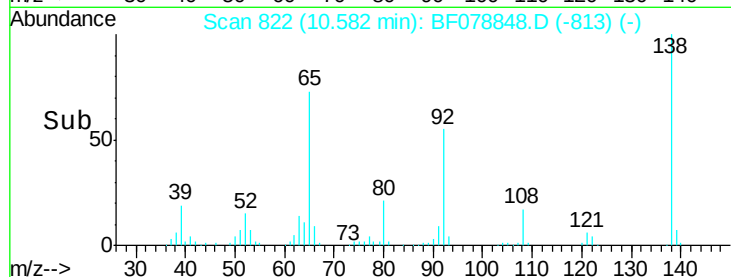
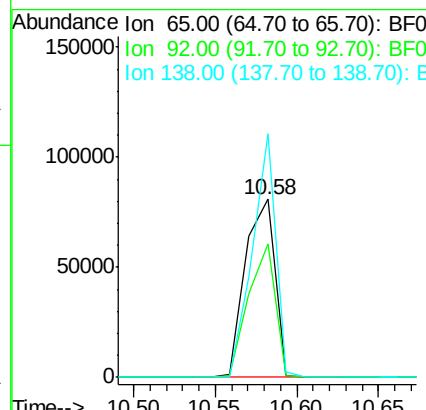
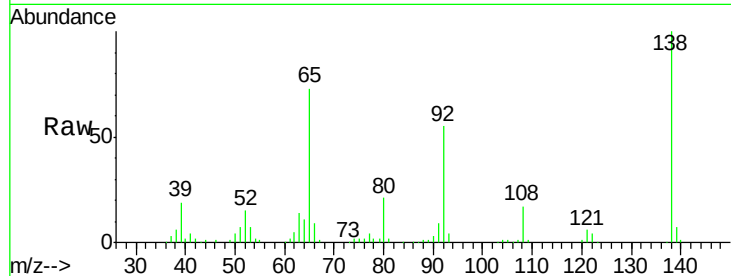




#47
 2-Nitroaniline
 Concen: 51.00 ng
 RT: 10.58 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

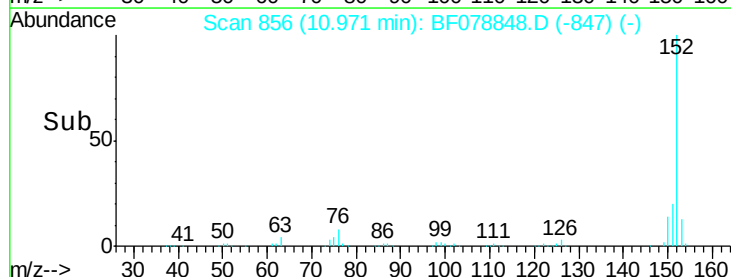
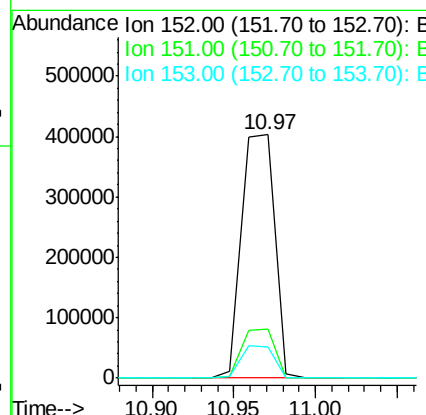
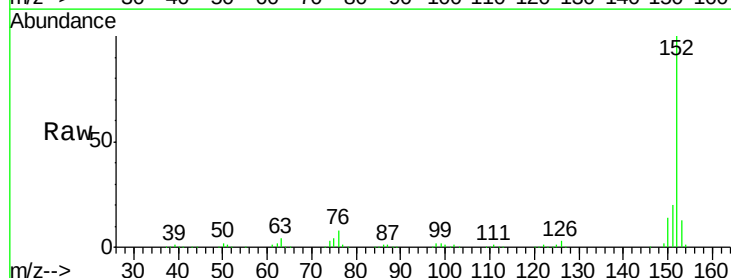
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

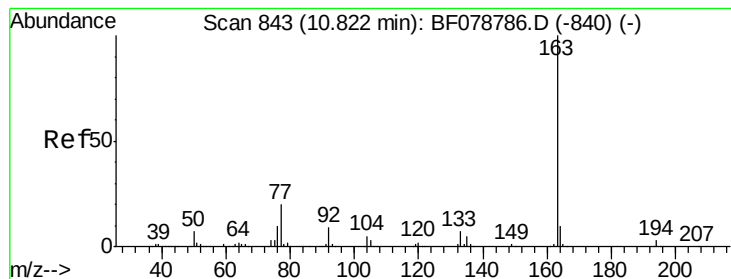
Tot Ion: 65 Resp: 101472
 Ion Ratio Lower Upper
 65 100
 92 74.7 54.0 81.0
 138 136.6 75.0 112.6#



#48
 Acenaphthylene
 Concen: 37.82 ng
 RT: 10.97 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

Tgt Ion: 152 Resp: 563813
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.2 24.4
 153 13.1 10.9 16.3





#49

Dimethylphthalate

Concen: 37.97 ng

RT: 10.81 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

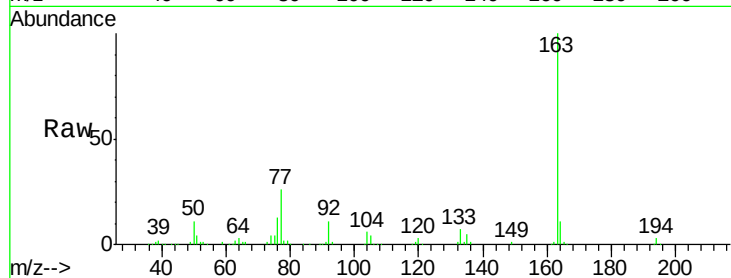
Tot Ion:163 Resp: 392074

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

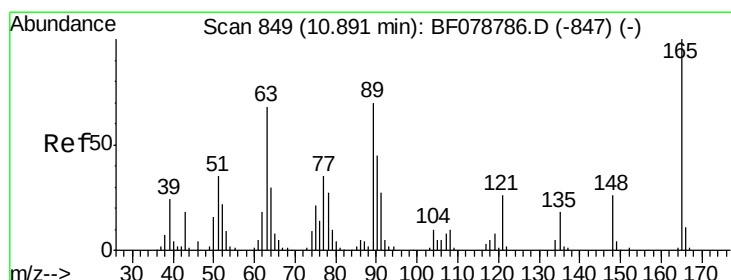
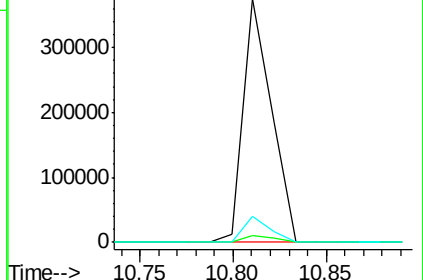
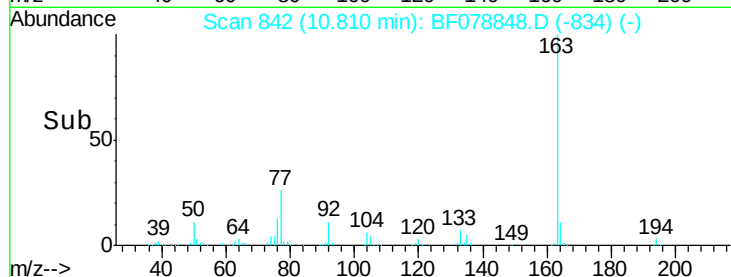
164 10.5 8.1 12.1



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: 47.59 ng

RT: 10.89 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

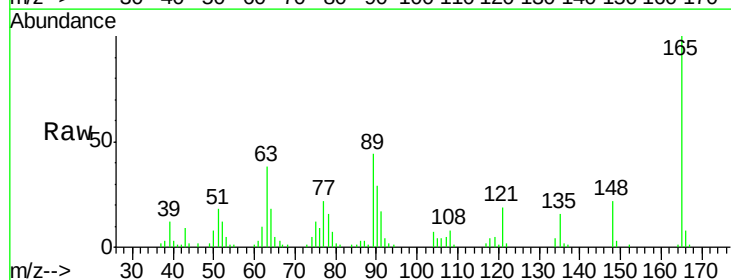
Tgt Ion:165 Resp: 80052

Ion Ratio Lower Upper

165 100

63 37.7 54.4 81.6#

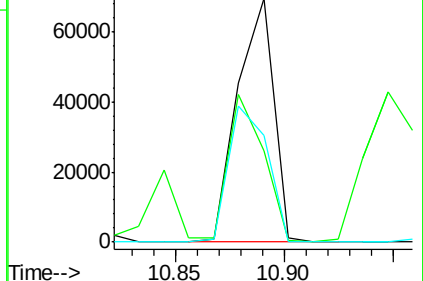
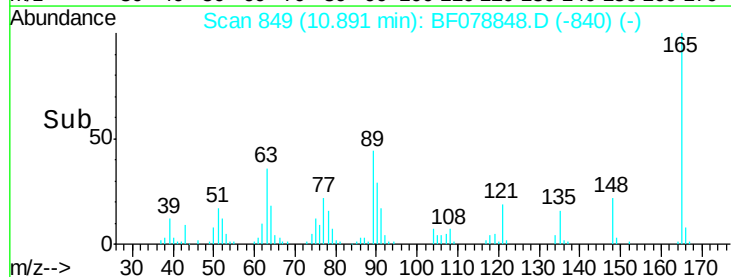
89 44.1 55.7 83.5#

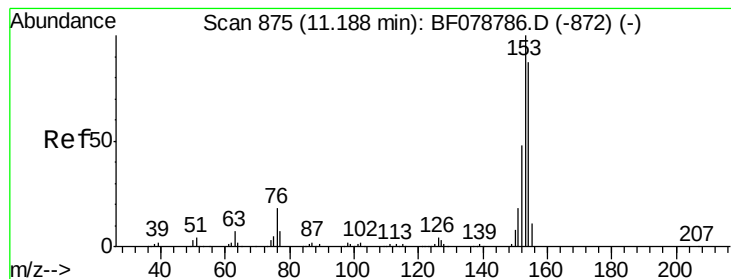


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.07 ng

RT: 11.18 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

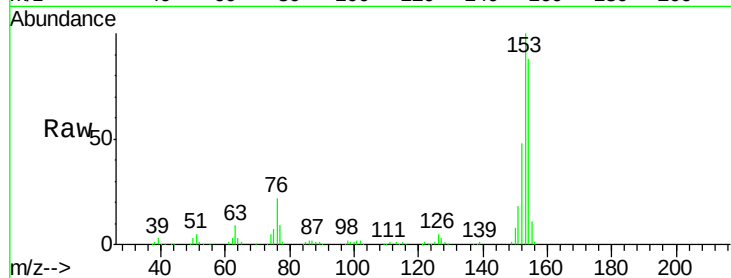
Tot Ion:154 Resp: 324492

Ion Ratio Lower Upper

154 100

153 113.6 91.5 137.3

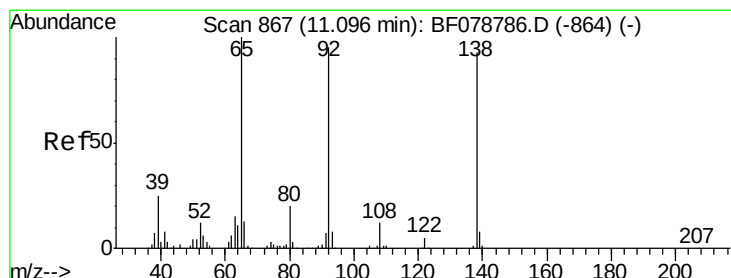
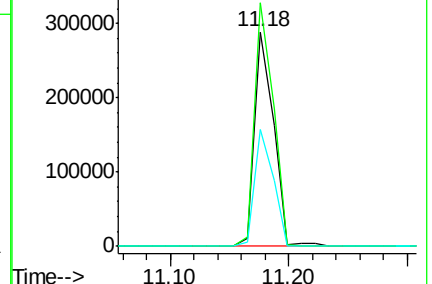
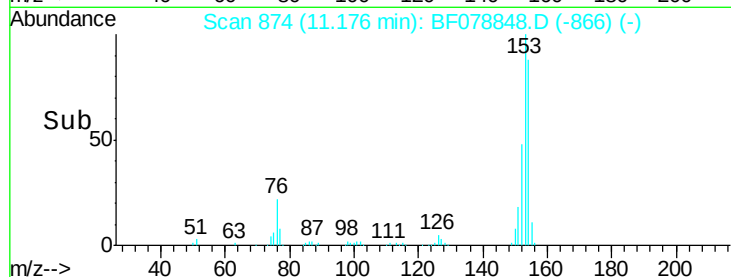
152 54.8 44.2 66.4



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: 47.09 ng

RT: 11.08 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

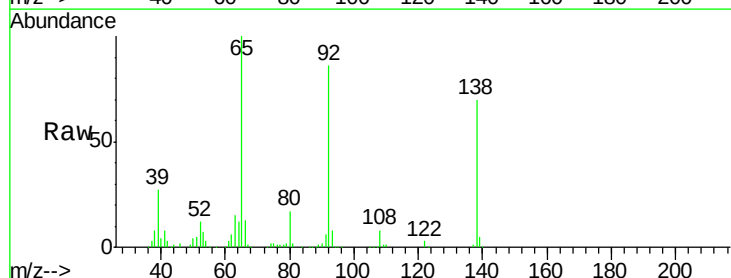
Tgt Ion:138 Resp: 102777

Ion Ratio Lower Upper

138 100

108 11.3 10.6 16.0

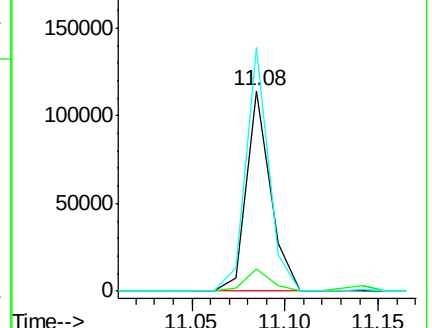
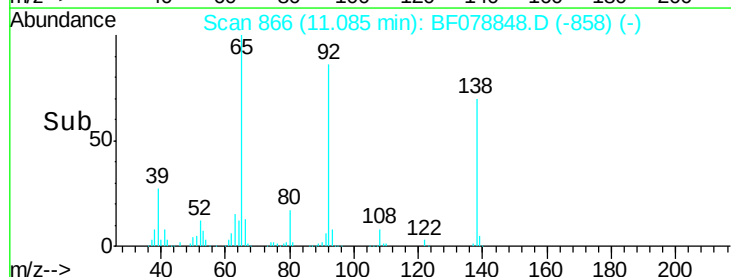
92 121.7 81.8 122.6

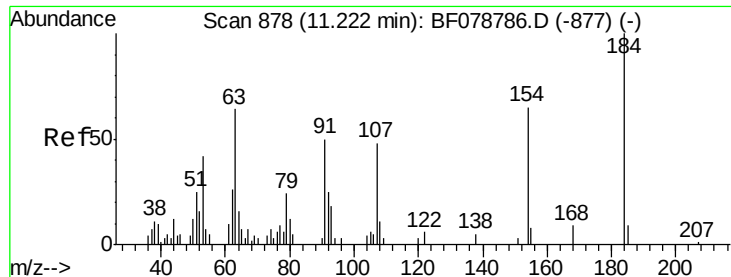


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

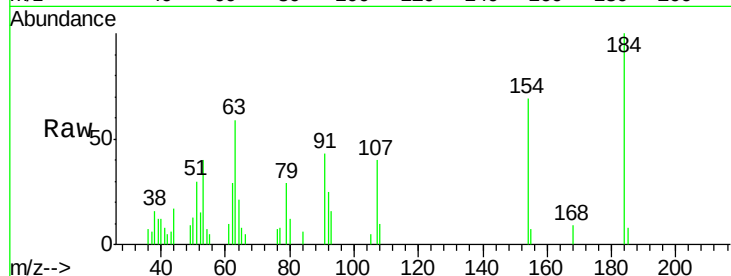




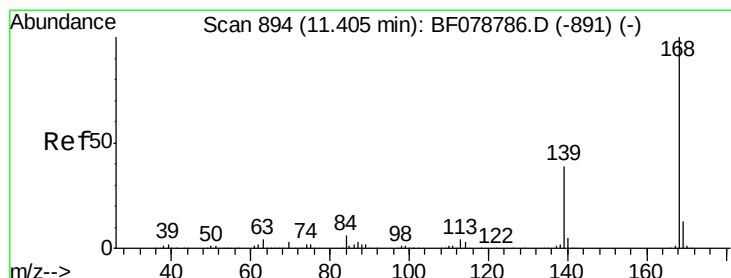
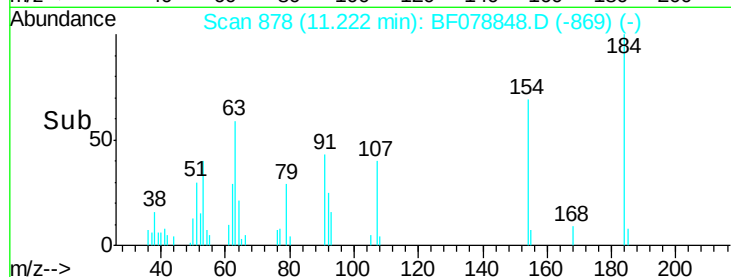
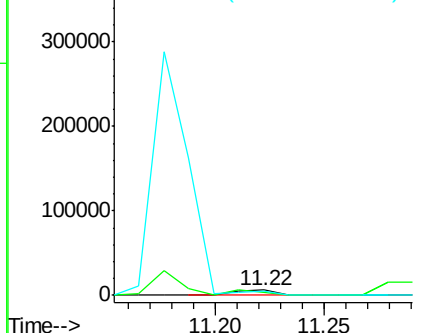
#53
 2,4-Dinitrophenol
 Concen: 34.23 ng
 RT: 11.22 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:184 Resp: 8255
 Ion Ratio Lower Upper
 184 100
 63 59.4 63.3 94.9#
 154 69.3 53.8 80.6

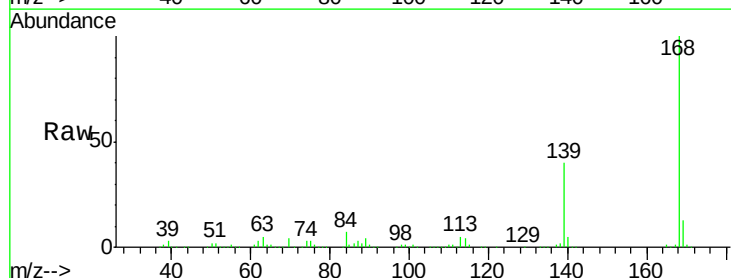


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

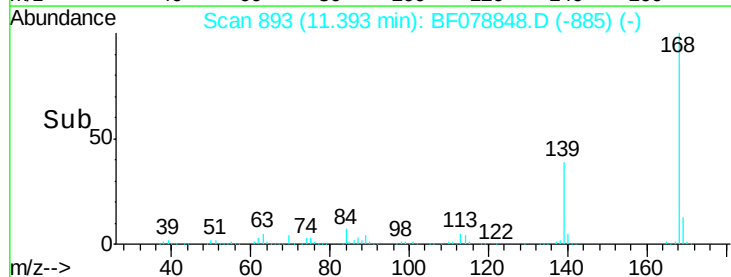
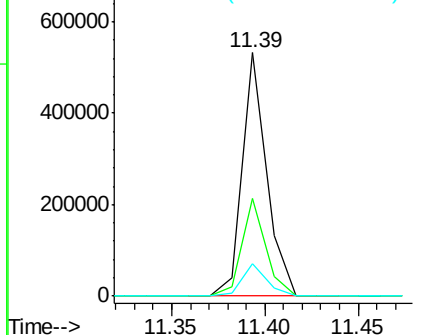


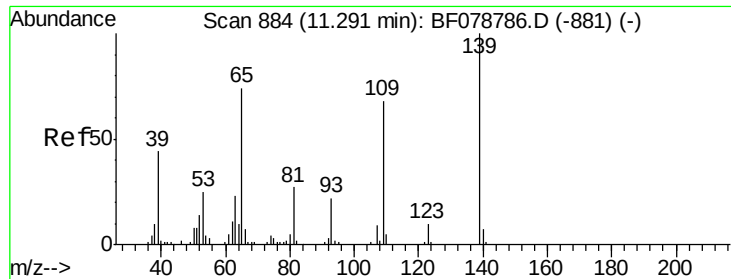
#54
 Dibenzofuran
 Concen: 37.70 ng
 RT: 11.39 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

Tgt Ion:168 Resp: 484147
 Ion Ratio Lower Upper
 168 100
 139 40.0 31.0 46.4
 169 13.3 10.6 16.0



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

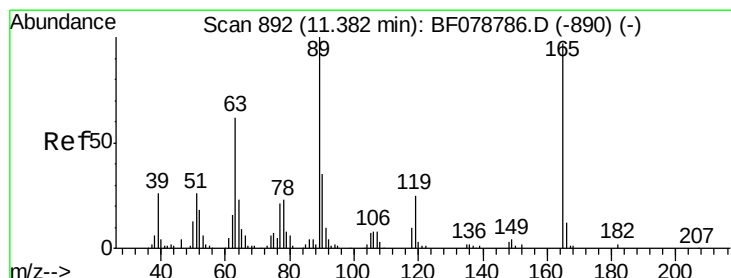
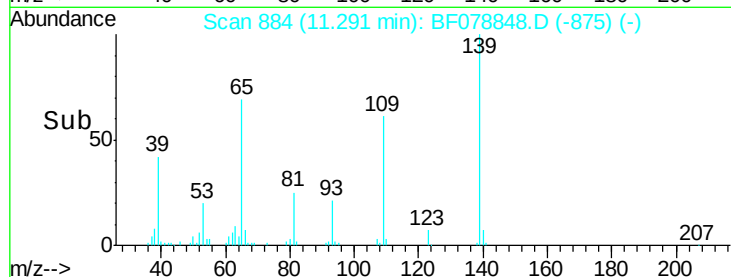
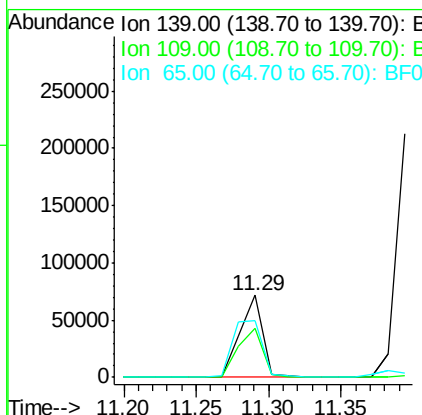
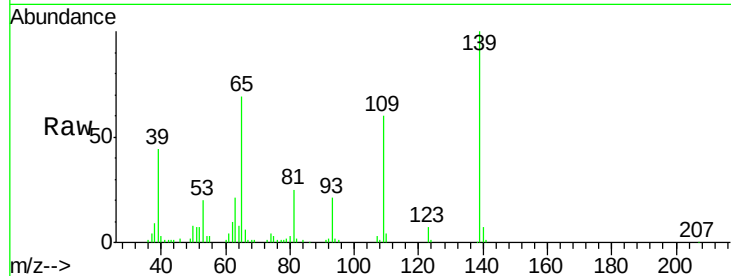




#55
4-Nitrophenol
Concen: 47.54 ng
RT: 11.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF078848.D
Acq: 30 Apr 2015 10:55

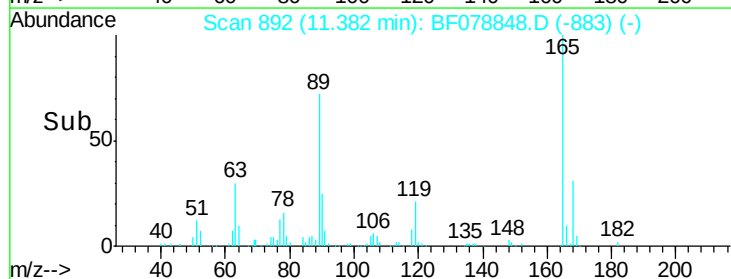
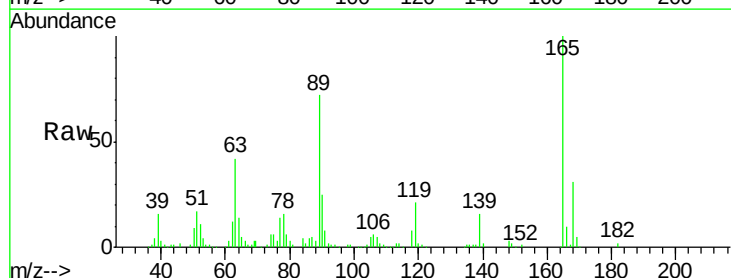
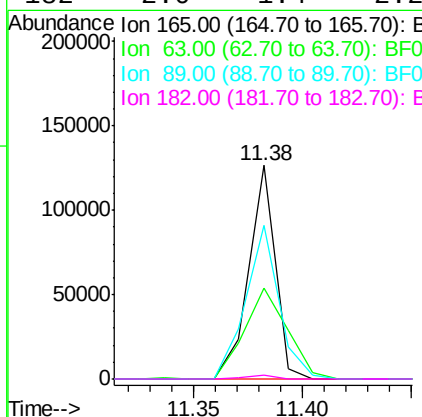
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

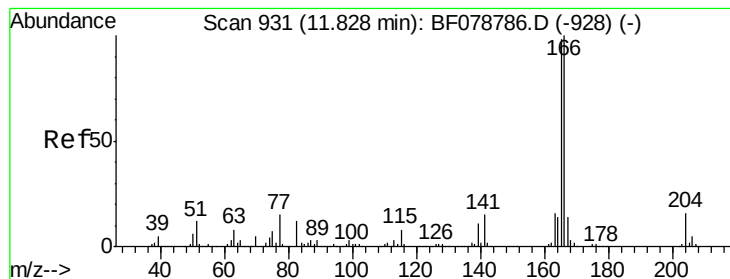
Tot Ion:139 Resp: 78183
Ion Ratio Lower Upper
139 100
109 59.8 47.6 87.6
65 69.1 54.3 94.3



#56
2,4-Dinitrotoluene
Concen: 51.65 ng
RT: 11.38 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF078848.D
Acq: 30 Apr 2015 10:55

Tgt Ion:165 Resp: 107061
Ion Ratio Lower Upper
165 100
63 42.5 51.2 76.8#
89 71.8 82.7 124.1#
182 2.0 1.4 2.2





#57

Fluorene

Concen: 38.63 ng

RT: 11.82 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

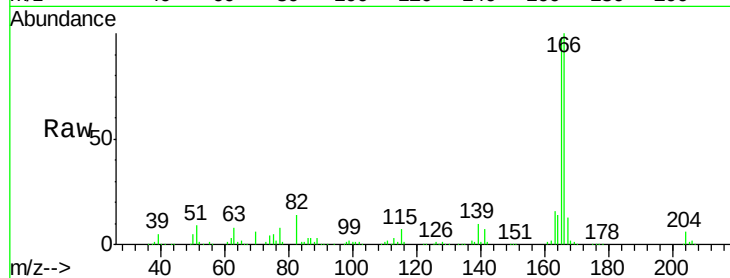
Tot Ion:166 Resp: 396602

Ion Ratio Lower Upper

166 100

165 98.5 78.5 117.7

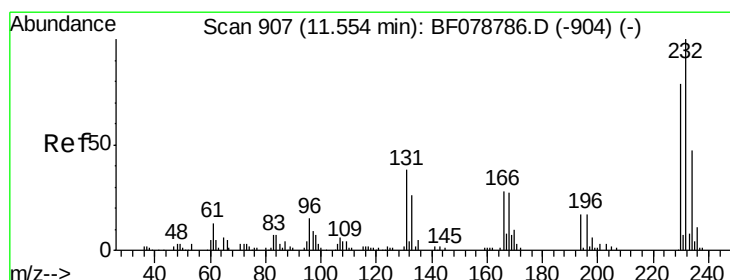
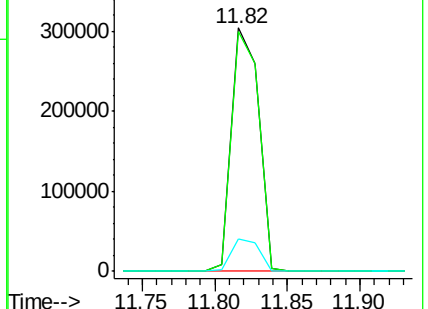
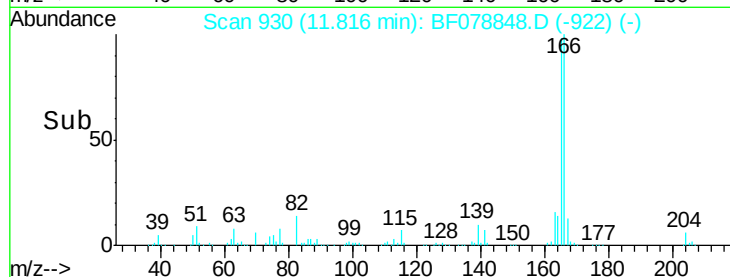
167 13.4 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.42 ng

RT: 11.54 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

Tgt Ion:232 Resp: 88779

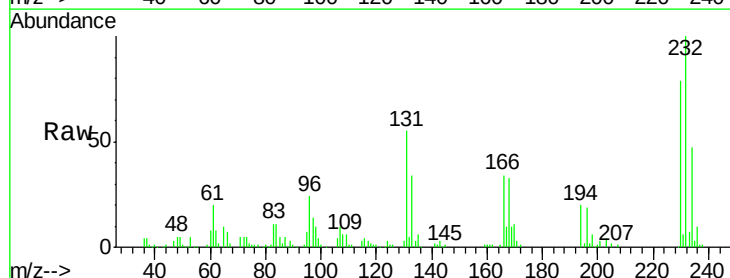
Ion Ratio Lower Upper

232 100

131 56.0 0.0 0.0#

130 2.5 0.0 0.0#

166 33.7 0.0 0.0#

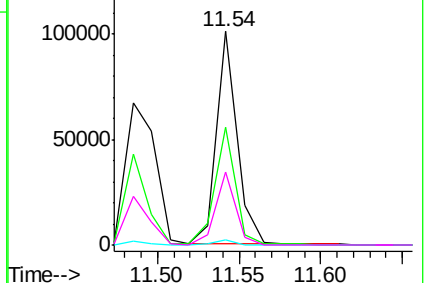
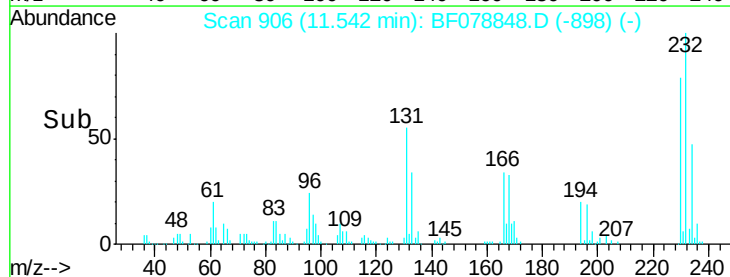


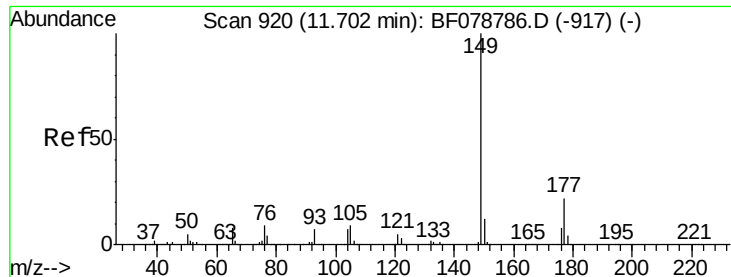
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

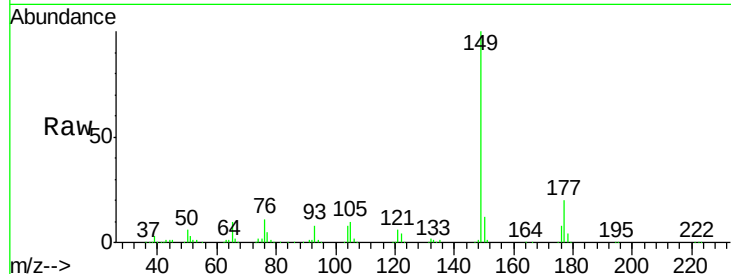




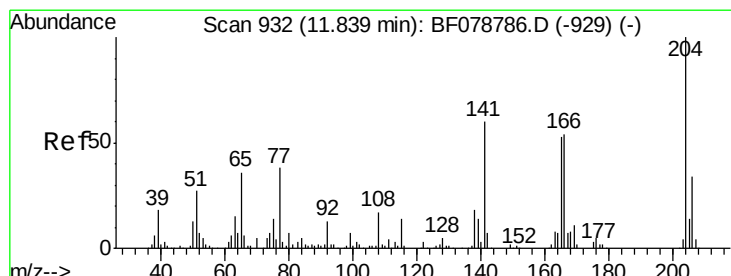
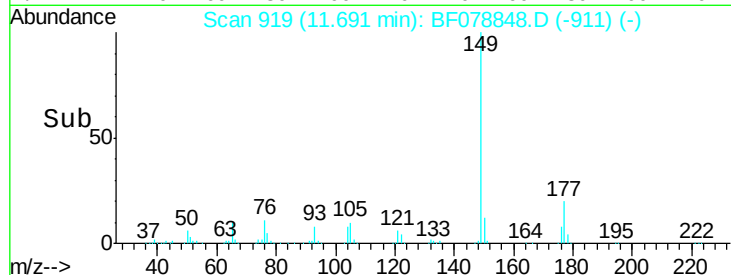
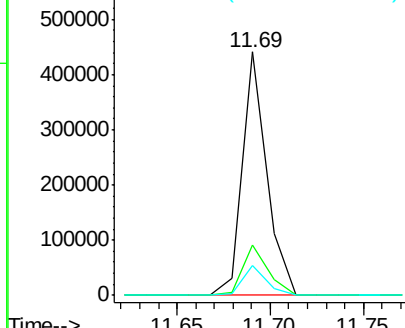
#59
Diethylphthalate
Concen: 38.96 ng
RT: 11.69 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF078848.D
Acq: 30 Apr 2015 10:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 400351
Ion Ratio Lower Upper
149 100
177 20.5 17.5 26.3
150 12.3 9.6 14.4

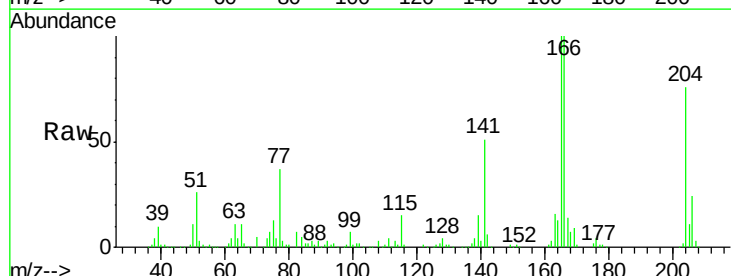


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

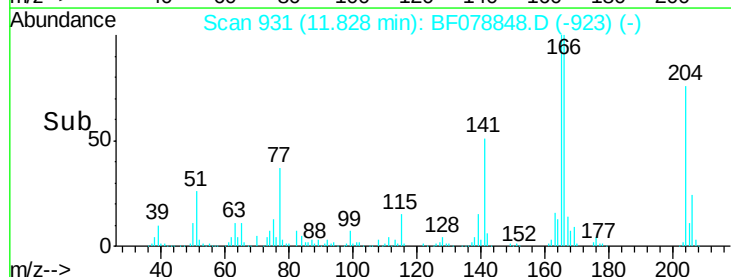
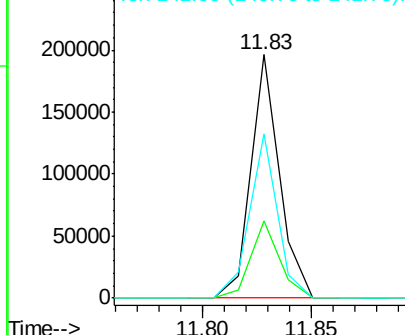


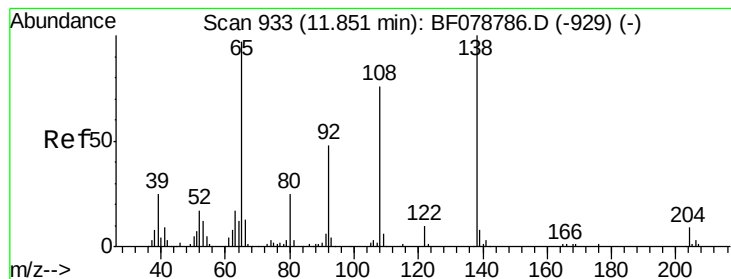
#60
4-Chlorophenyl-phenylether
Concen: 39.02 ng
RT: 11.83 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF078848.D
Acq: 30 Apr 2015 10:55

Tgt Ion:204 Resp: 178229
Ion Ratio Lower Upper
204 100
206 31.5 26.9 40.3
141 67.6 48.3 72.5



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: 45.51 ng

RT: 11.84 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

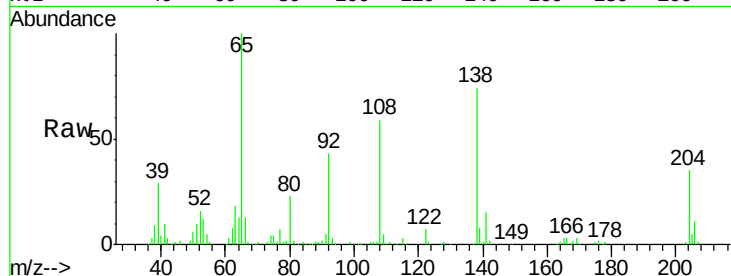
Tot Ion:138 Resp: 101941

Ion Ratio Lower Upper

138 100

92 58.5 28.0 68.0

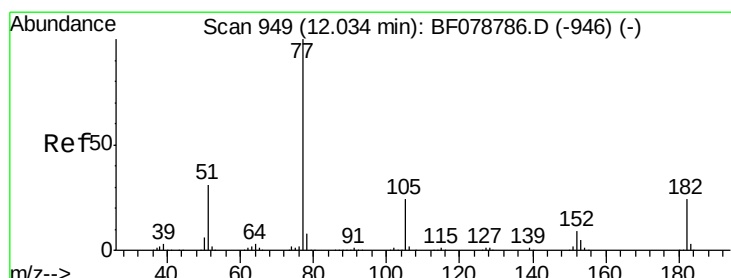
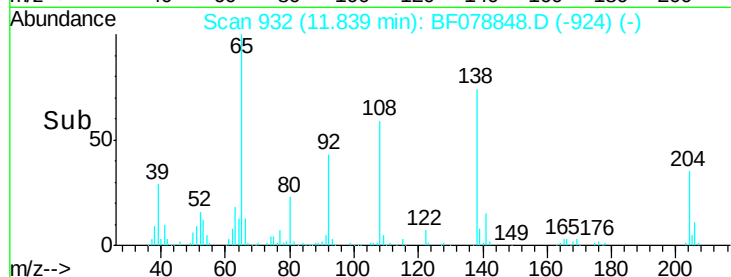
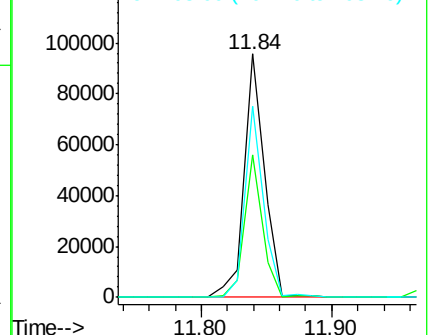
108 78.7 56.3 96.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.81 ng

RT: 12.02 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

Tgt Ion: 77 Resp: 406613

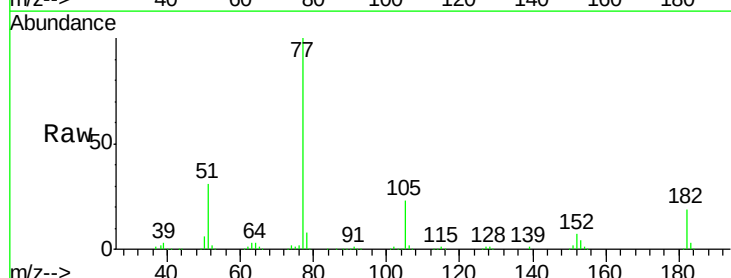
Ion Ratio Lower Upper

77 100

182 19.0 3.8 43.8

105 23.0 3.9 43.9

51 31.2 10.8 50.8

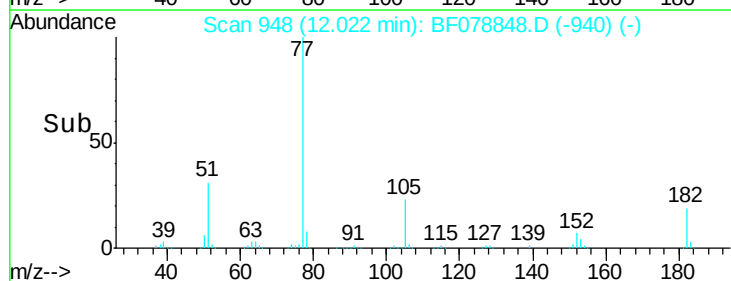
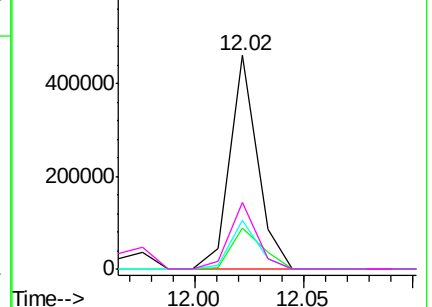


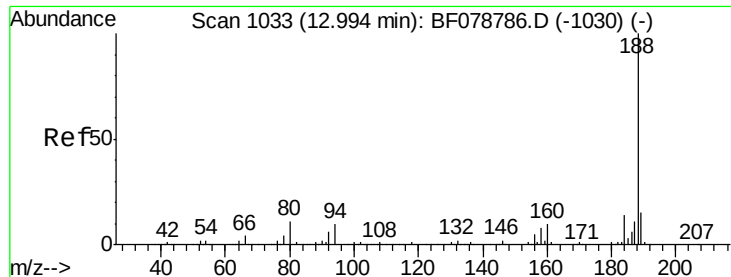
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

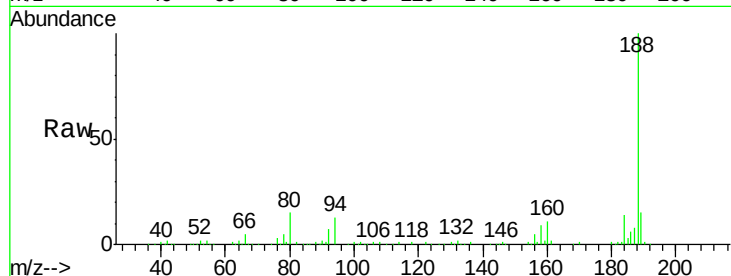




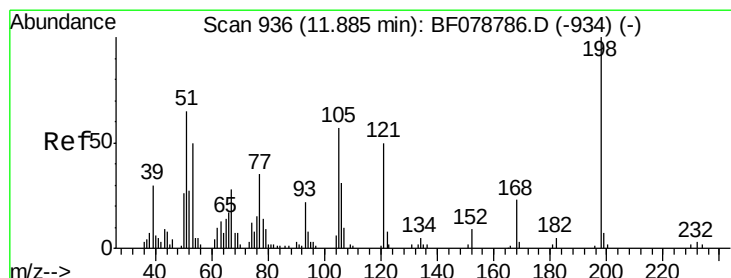
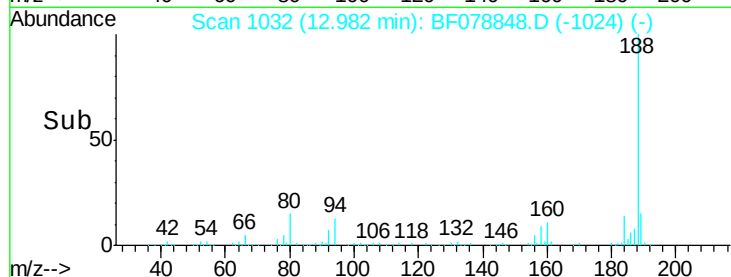
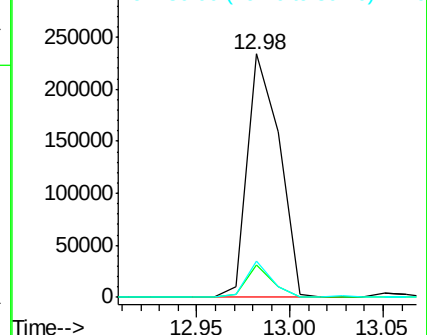
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF078848.D
Acq: 30 Apr 2015 10:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:188 Resp: 278904
Ion Ratio Lower Upper
188 100
94 13.3 8.2 12.2#
80 14.8 8.9 13.3#

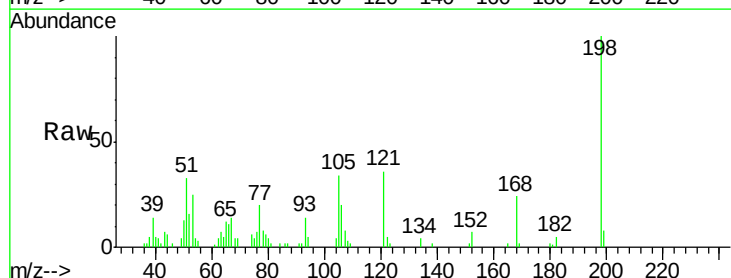


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

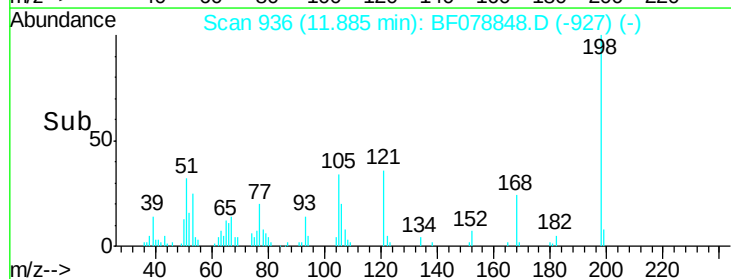
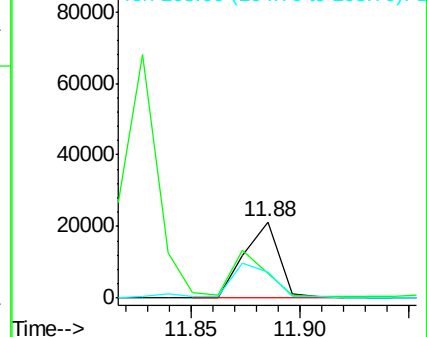


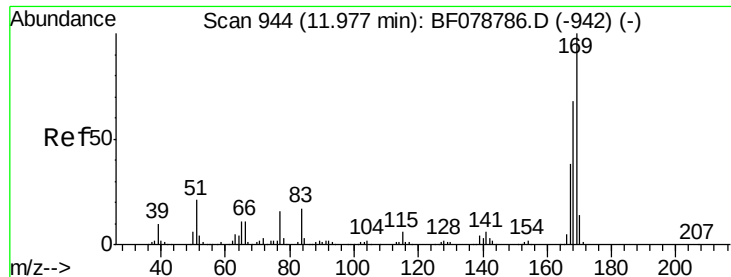
#64
4,6-Dinitro-2-methylphenol
Concen: 50.64 ng
RT: 11.88 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF078848.D
Acq: 30 Apr 2015 10:55

Tgt Ion:198 Resp: 23680
Ion Ratio Lower Upper
198 100
51 33.2 47.3 87.3#
105 34.4 38.8 78.8#



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: 39.86 ng

RT: 11.98 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

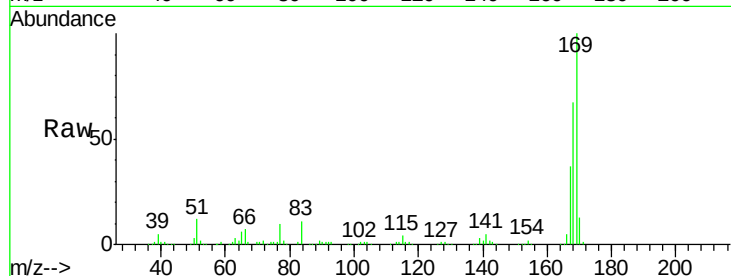
Tot Ion:169 Resp: 359432

Ion Ratio Lower Upper

169 100

168 66.9 54.6 82.0

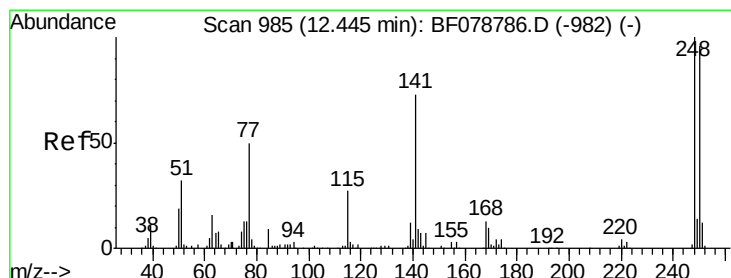
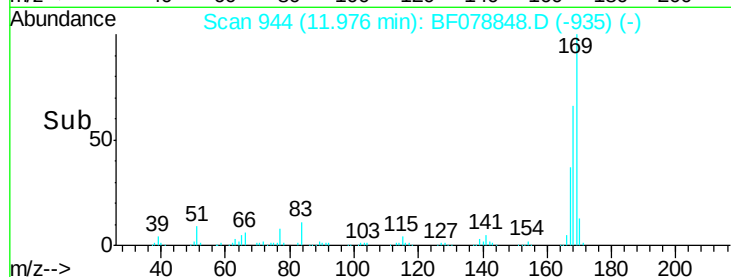
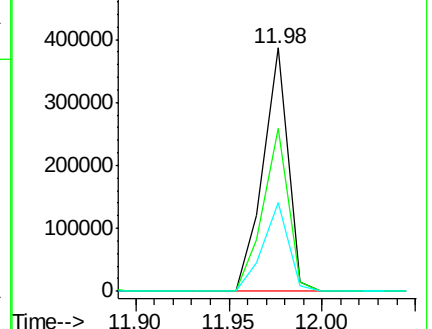
167 36.6 30.6 45.8



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: 38.89 ng

RT: 12.43 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

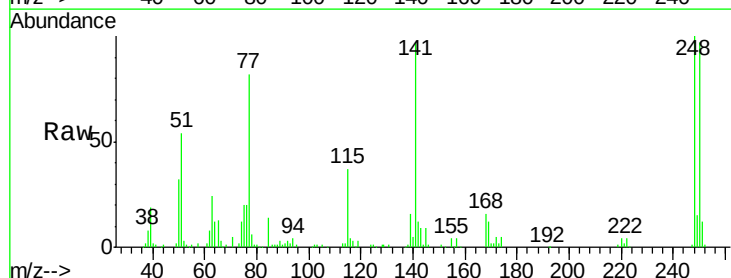
Tgt Ion:248 Resp: 109497

Ion Ratio Lower Upper

248 100

250 97.0 77.1 115.7

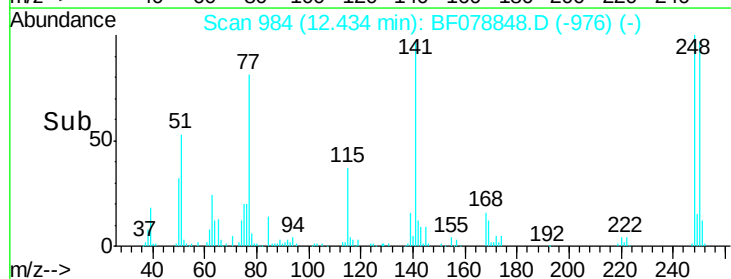
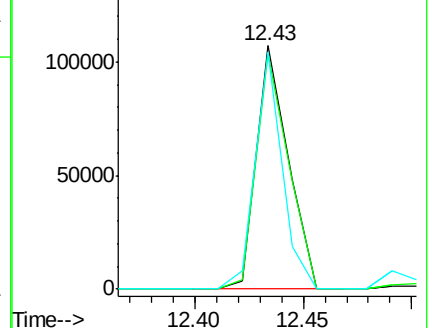
141 97.2 58.8 88.2#

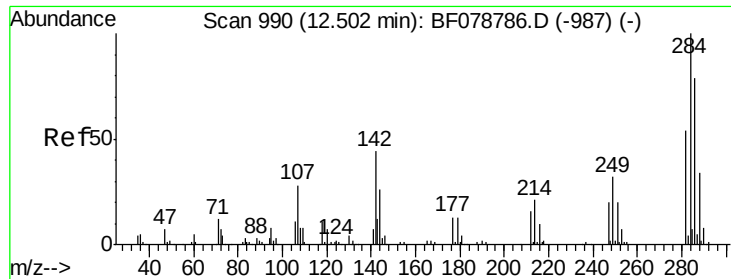


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.74 ng

RT: 12.50 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

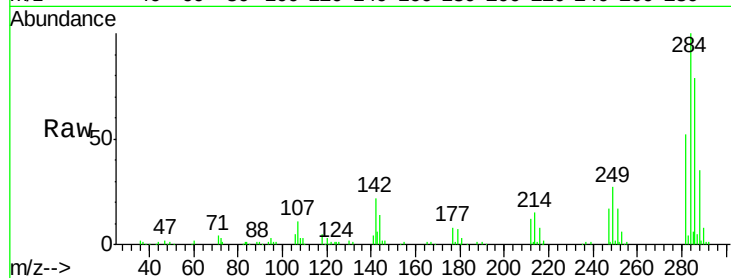
Tot Ion:284 Resp: 126740

Ion Ratio Lower Upper

284 100

142 22.5 35.2 52.8#

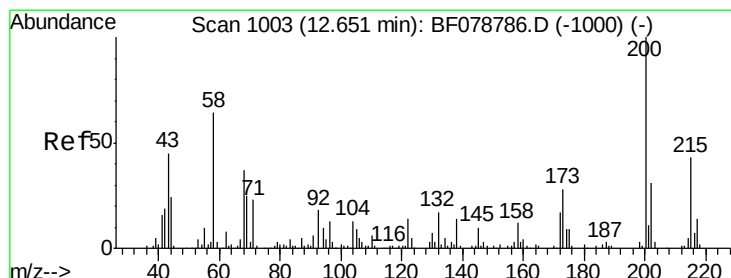
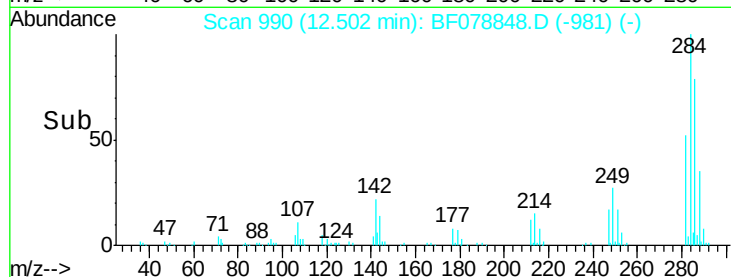
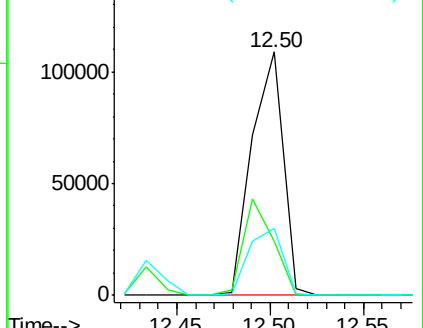
249 27.5 25.4 38.2



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: 41.74 ng

RT: 12.64 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

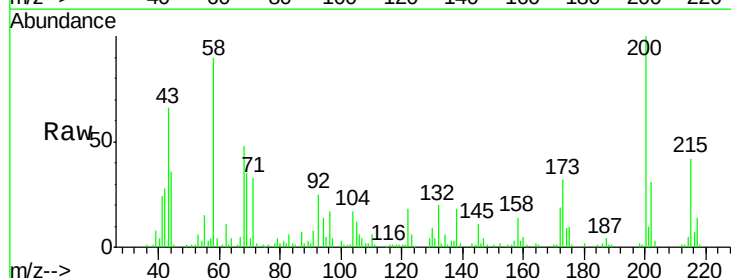
Tgt Ion:200 Resp: 100813

Ion Ratio Lower Upper

200 100

173 32.4 8.1 48.1

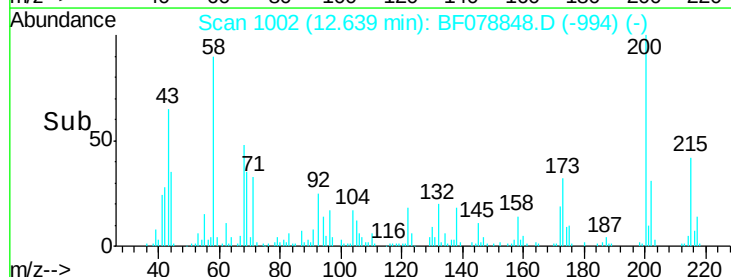
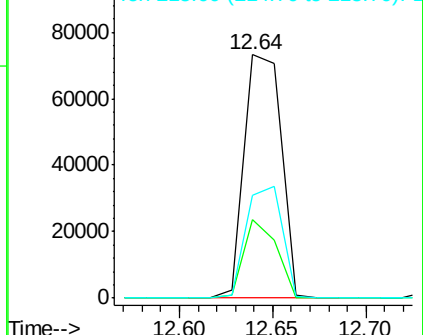
215 42.3 22.9 62.9

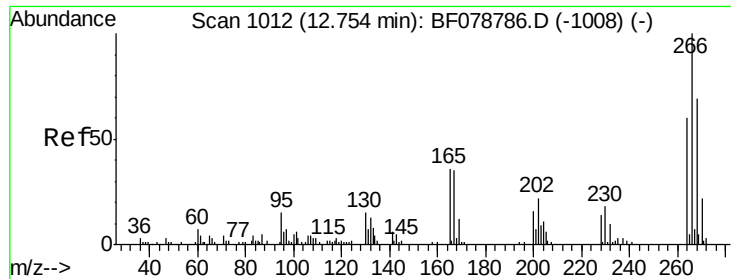


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

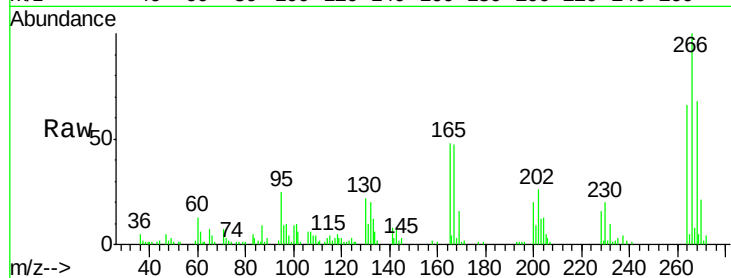




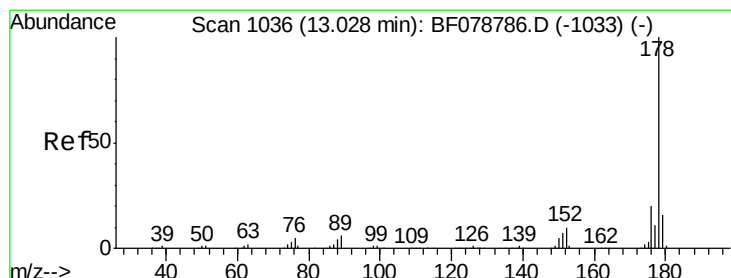
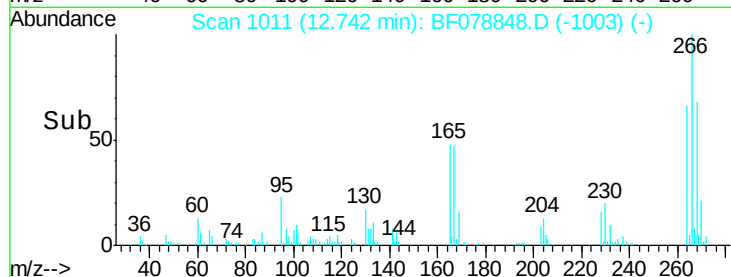
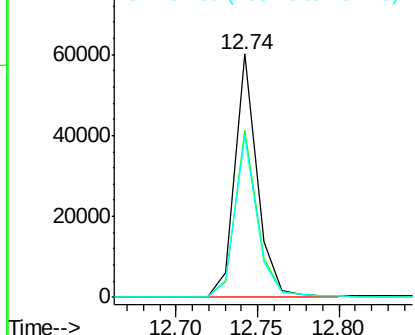
#69
 Pentachlorophenol
 Concen: 43.32 ng
 RT: 12.74 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:266 Resp: 57194
 Ion Ratio Lower Upper
 266 100
 268 68.5 55.0 82.6
 264 66.3 48.2 72.2

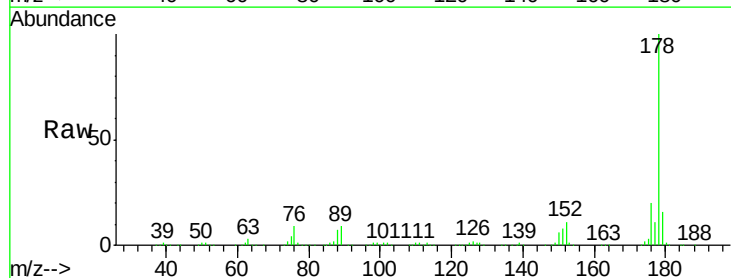


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

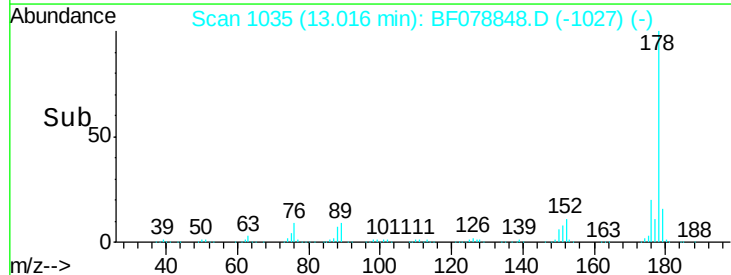
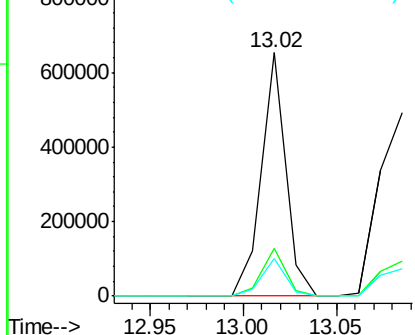


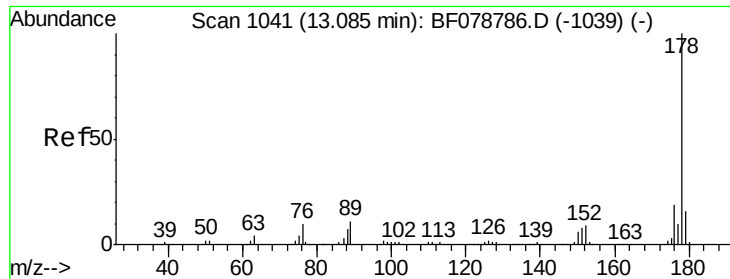
#70
 Phenanthrene
 Concen: 39.15 ng
 RT: 13.02 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

Tgt Ion:178 Resp: 591149
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.6 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

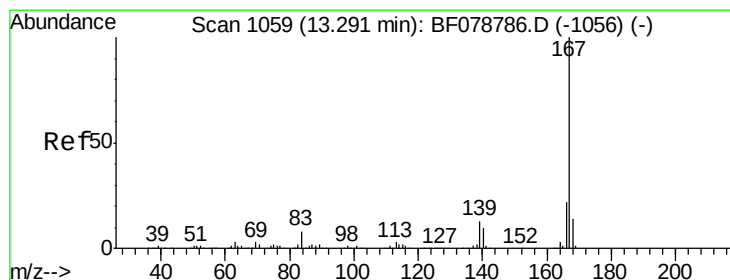
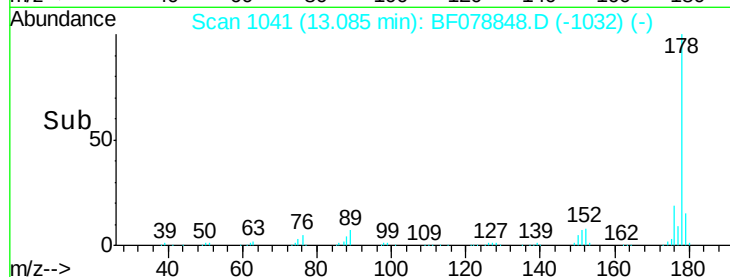
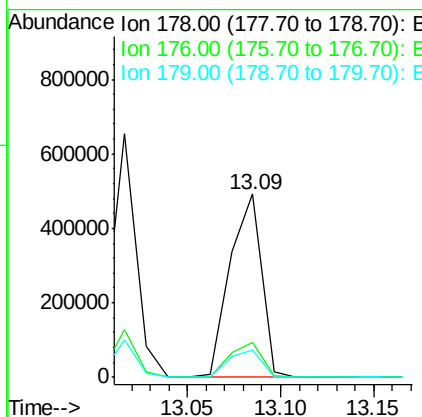
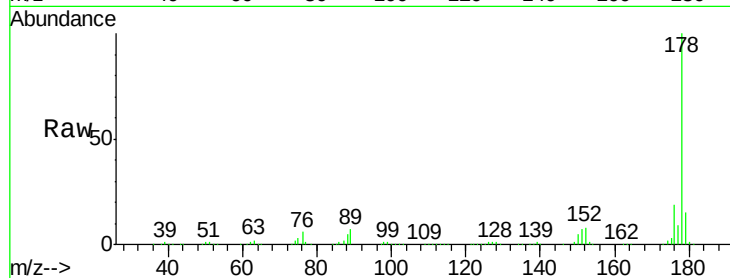




#71
 Anthracene
 Concen: 39.67 ng
 RT: 13.09 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

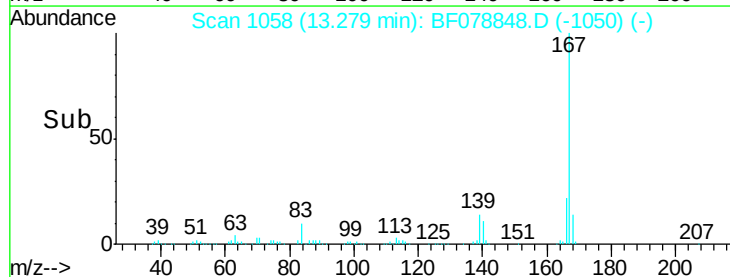
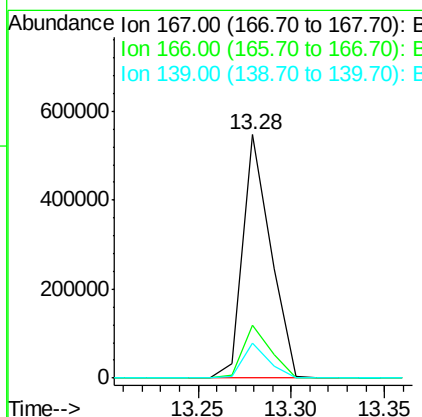
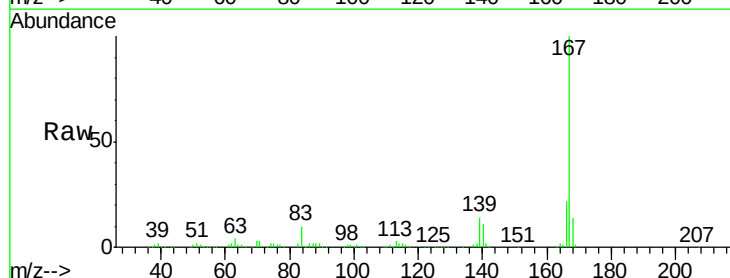
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

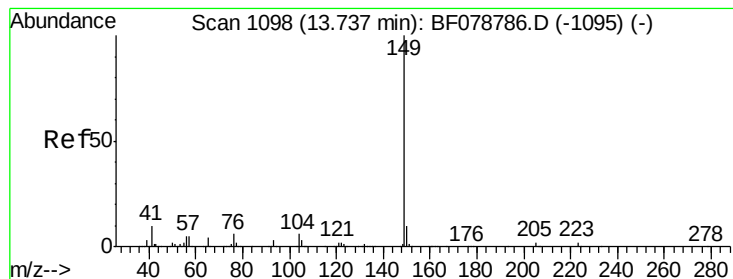
Tot Ion:178 Resp: 585689
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.5 23.3
 179 14.8 12.7 19.1



#72
 Carbazole
 Concen: 40.86 ng
 RT: 13.28 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

Tgt Ion:167 Resp: 569715
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.8
 139 14.4 10.6 16.0





#73

Di-n-butylphthalate

Concen: 40.67 ng

RT: 13.74 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

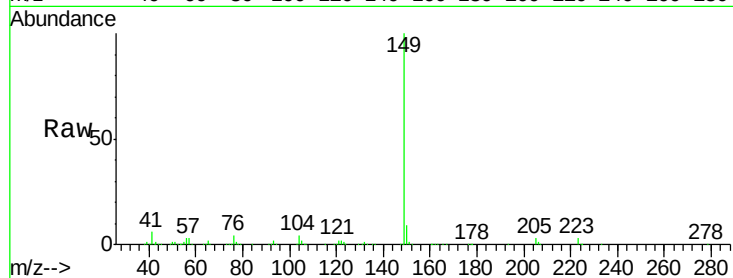
Tot Ion:149 Resp: 656856

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

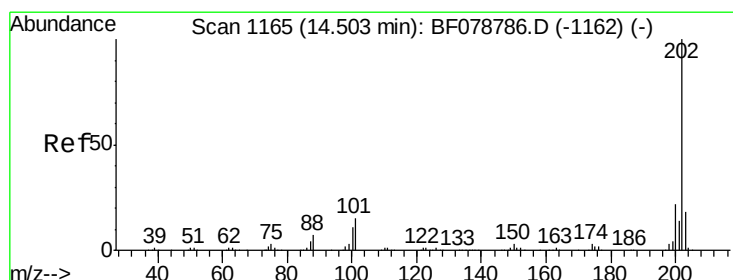
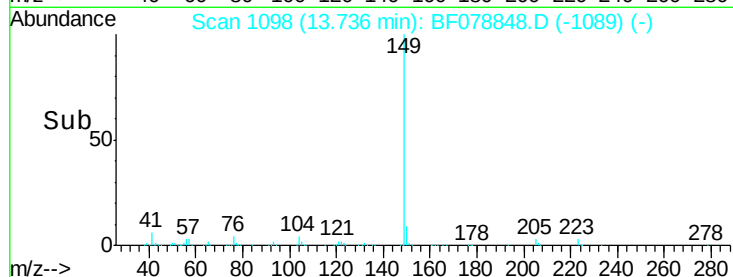
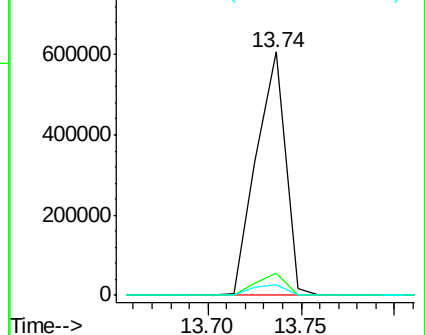
104 4.5 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.60 ng

RT: 14.50 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

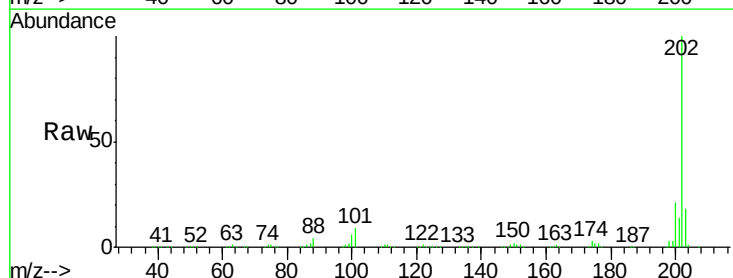
Tgt Ion:202 Resp: 656619

Ion Ratio Lower Upper

202 100

101 8.5 0.0 34.6

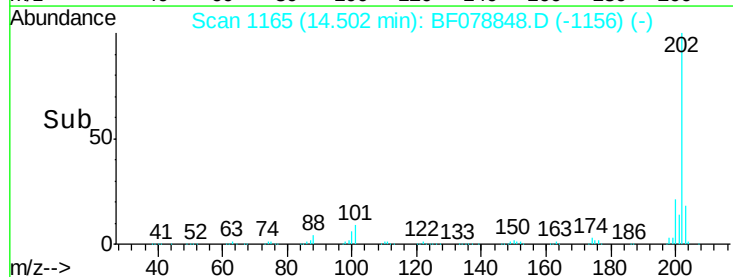
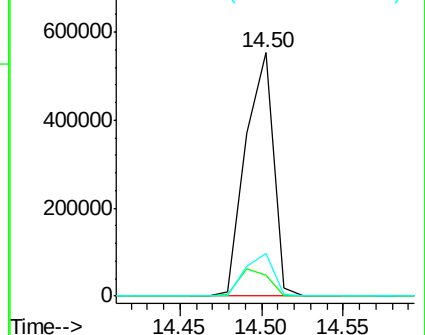
203 17.6 0.0 38.4

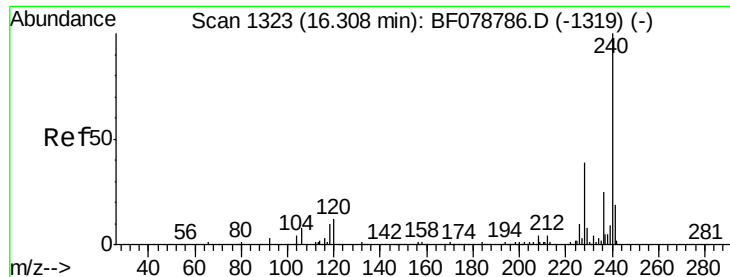


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.30 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

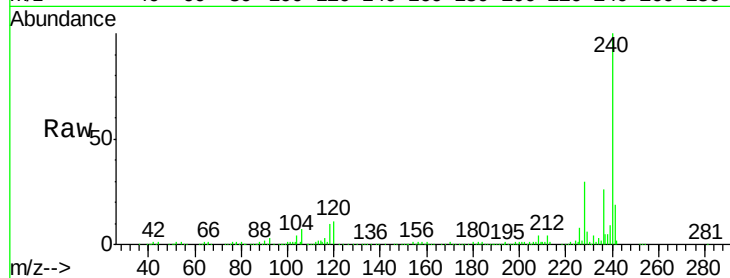
Tot Ion:240 Resp: 314118

Ion Ratio Lower Upper

240 100

120 11.2 9.7 14.5

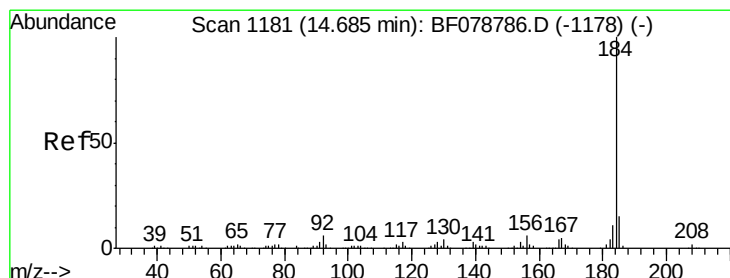
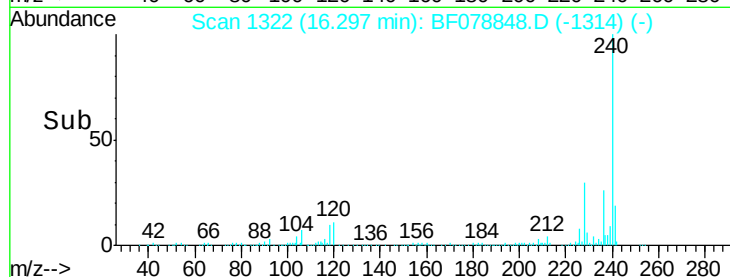
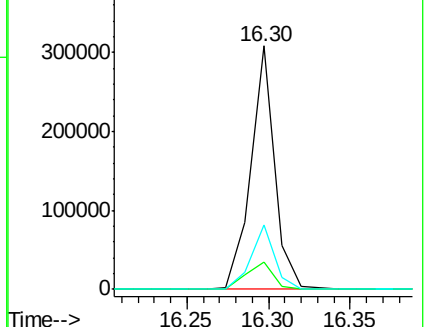
236 26.3 20.2 30.4



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: 37.91 ng

RT: 14.67 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

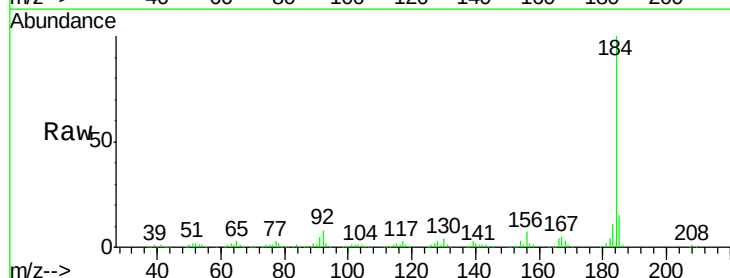
Tgt Ion:184 Resp: 385470

Ion Ratio Lower Upper

184 100

185 15.2 12.3 18.5

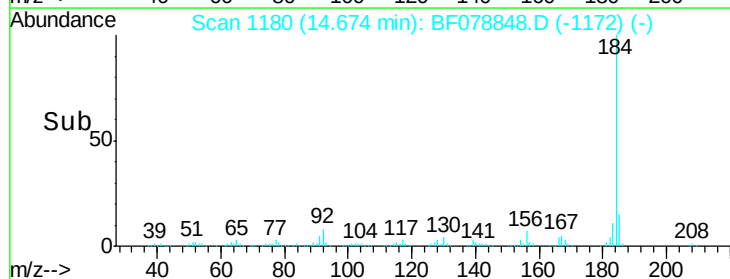
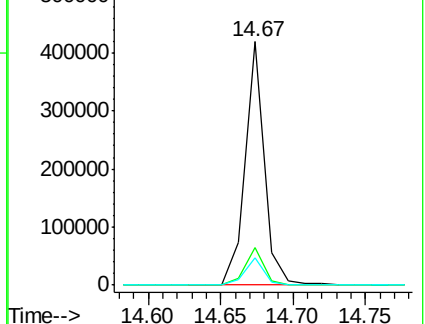
183 11.0 8.4 12.6

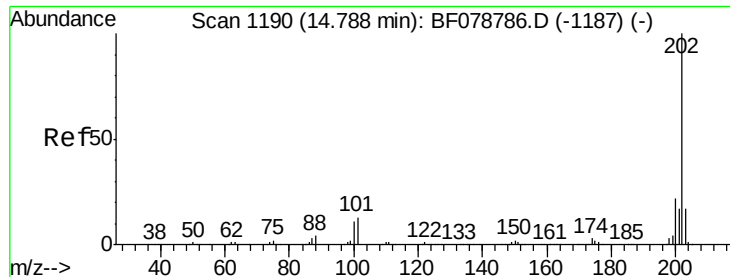


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

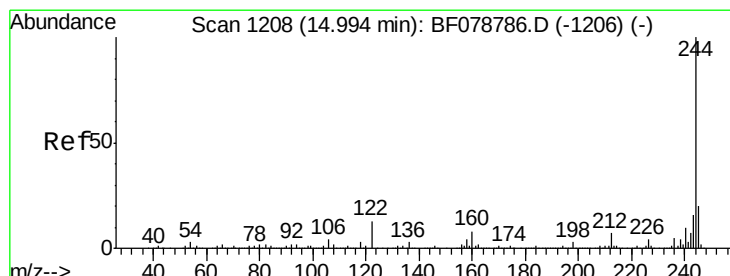
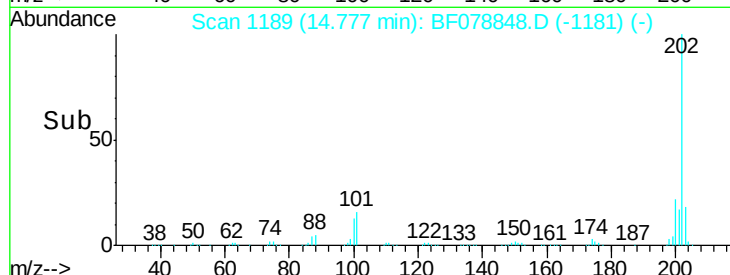
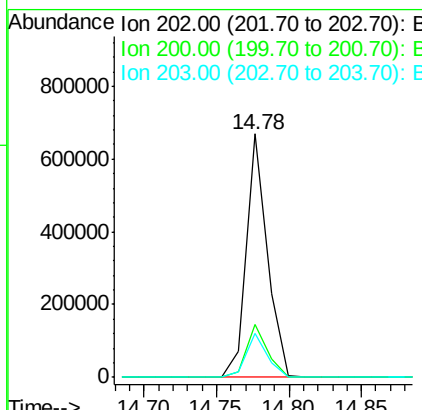
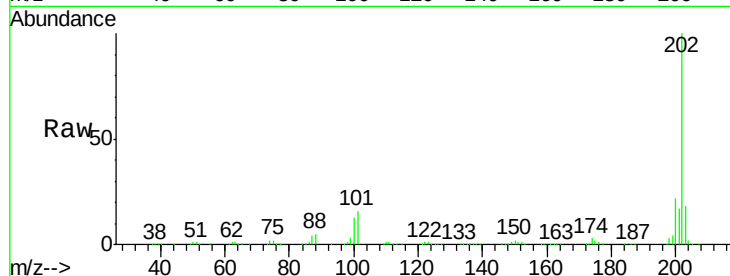




#77
Pvrene
Concen: 36.66 ng
RT: 14.78 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF078848.D
Acq: 30 Apr 2015 10:55

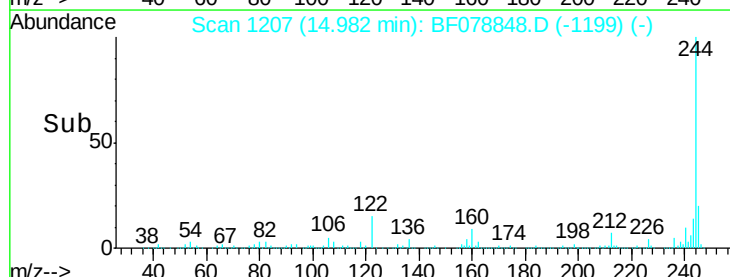
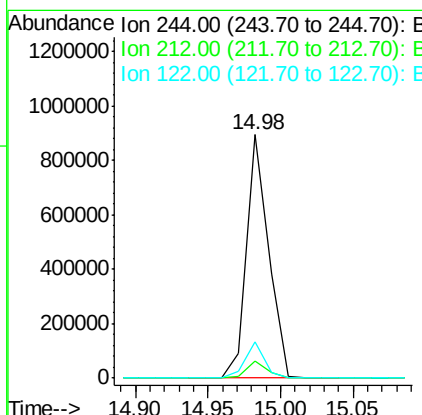
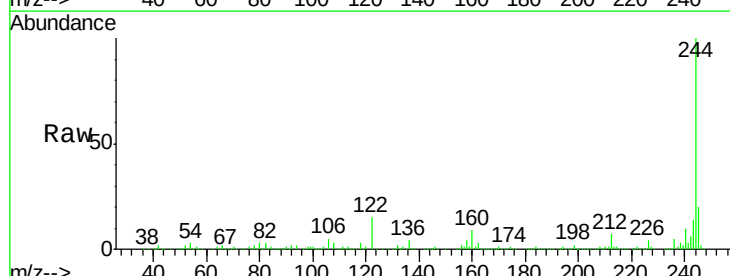
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

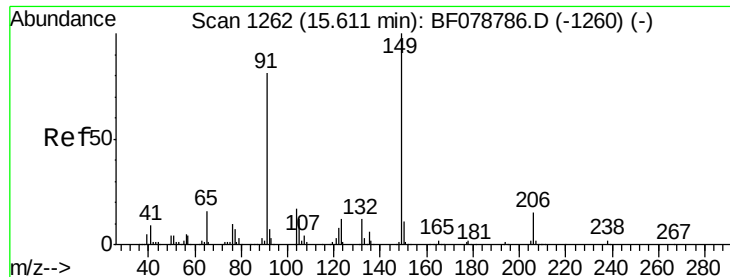
Tot Ion:202 Resp: 672826
Ion Ratio Lower Upper
202 100
200 21.8 17.5 26.3
203 17.8 13.9 20.9



#78
Terphenyl-d14
Concen: 71.81 ng
RT: 14.98 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF078848.D
Acq: 30 Apr 2015 10:55

Tgt Ion:244 Resp: 947158
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 14.8 10.3 15.5





#79

Butylbenzylphthalate

Concen: 41.39 ng

RT: 15.61 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

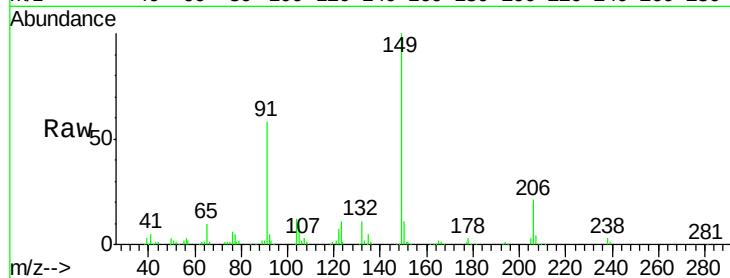
Tot Ion:149 Resp: 291287

Ion Ratio Lower Upper

149 100

91 58.2 64.6 97.0#

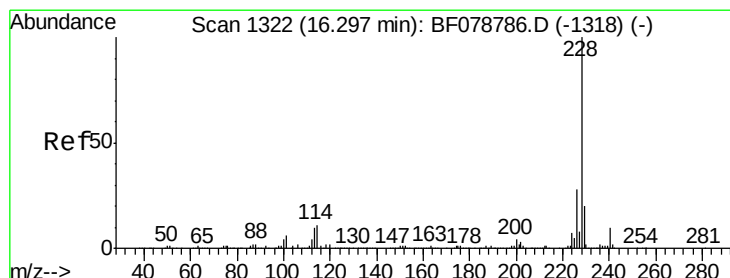
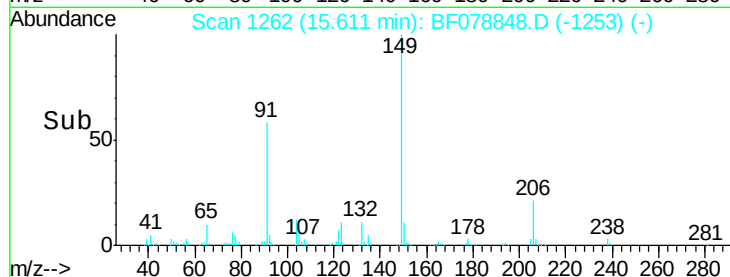
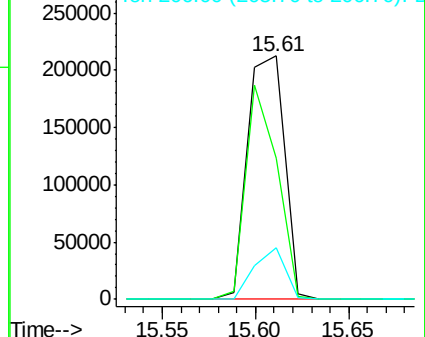
206 21.3 12.2 18.4#



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: 39.72 ng

RT: 16.29 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

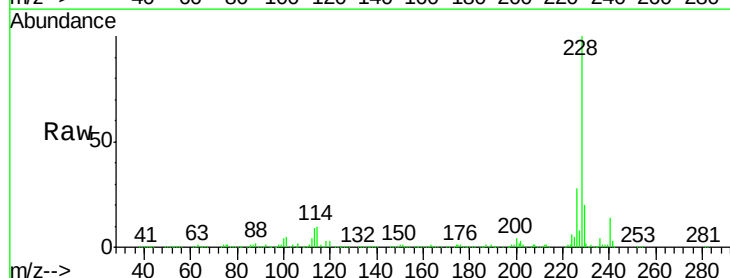
Tgt Ion:228 Resp: 669384

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

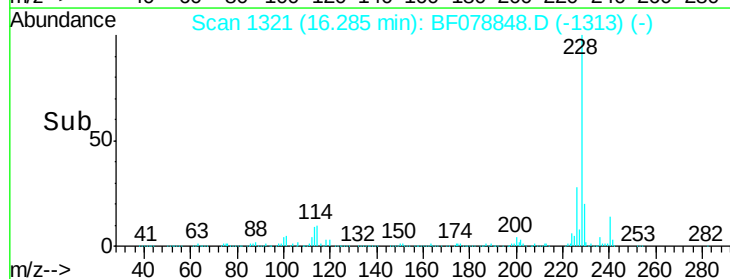
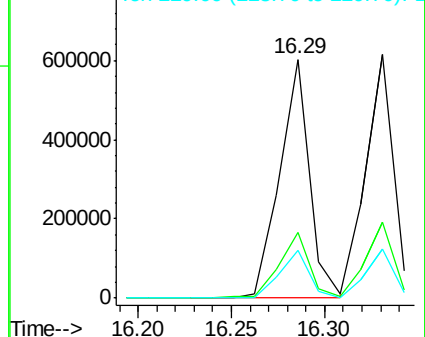
229 20.2 15.9 23.9

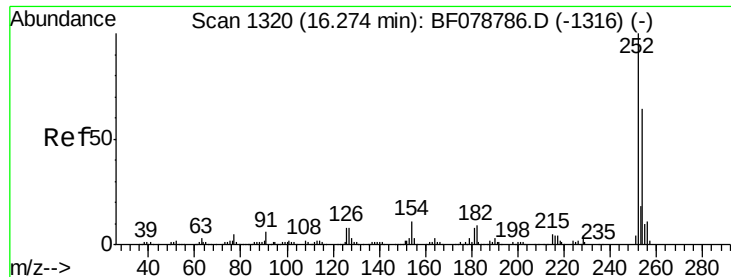


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

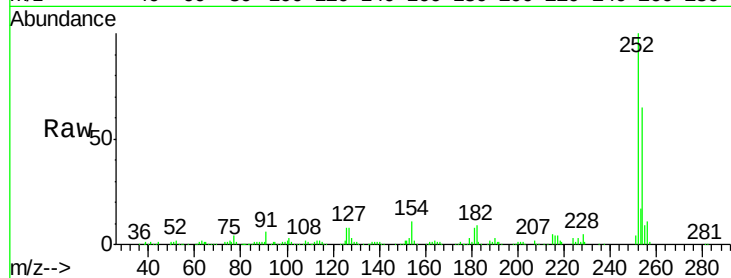




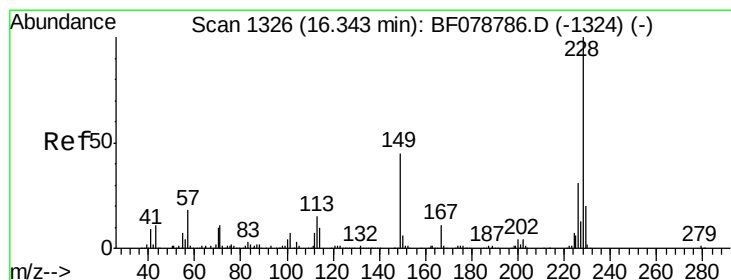
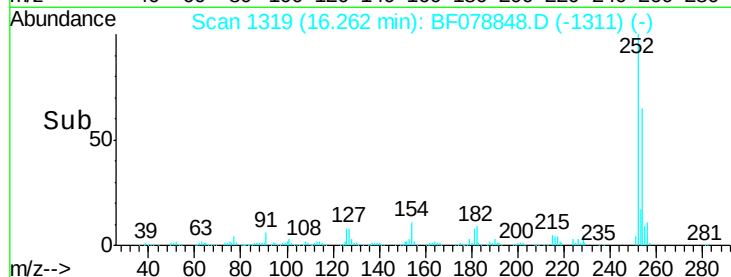
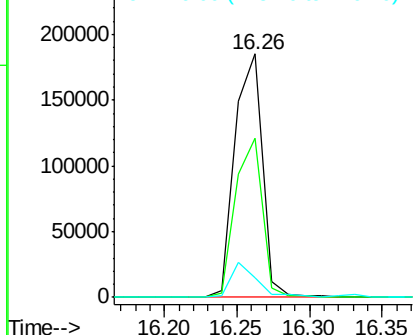
#81
 3,3'-Dichlorobenzidine
 Concen: 42.60 ng
 RT: 16.26 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:252 Resp: 244374
 Ion Ratio Lower Upper
 252 100
 254 65.5 51.3 76.9
 126 8.2 6.6 10.0

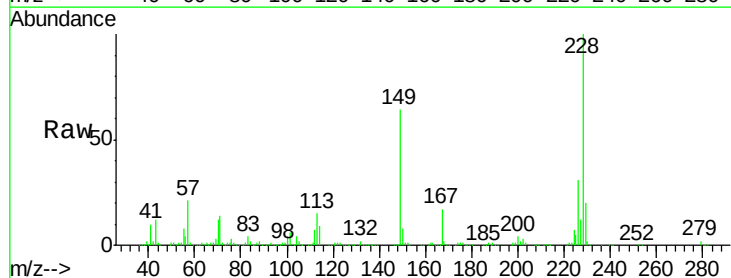


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

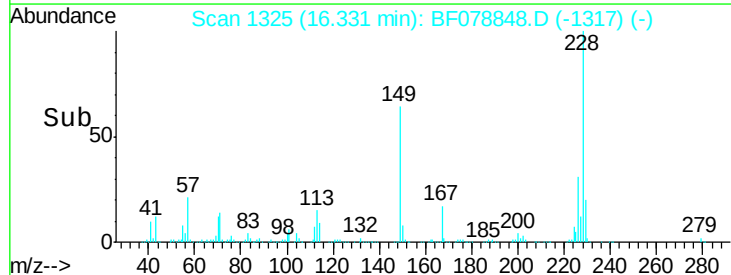
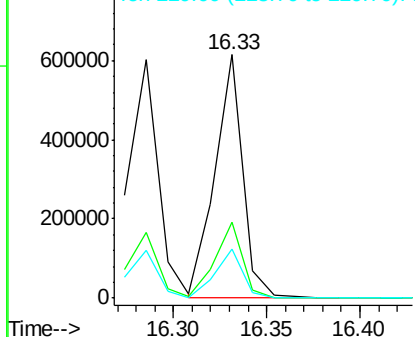


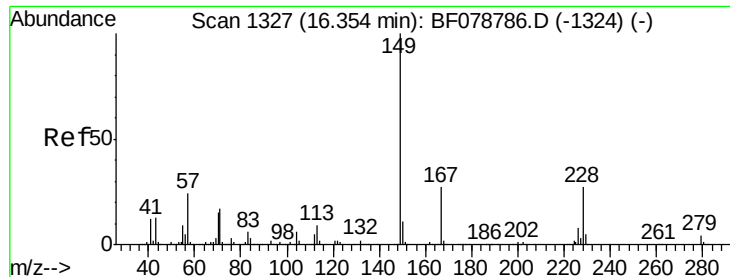
#82
 Chrysene
 Concen: 38.61 ng
 RT: 16.33 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

Tgt Ion:228 Resp: 634338
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.9 37.3
 229 20.1 16.0 24.0



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: 38.36 ng

RT: 16.33 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

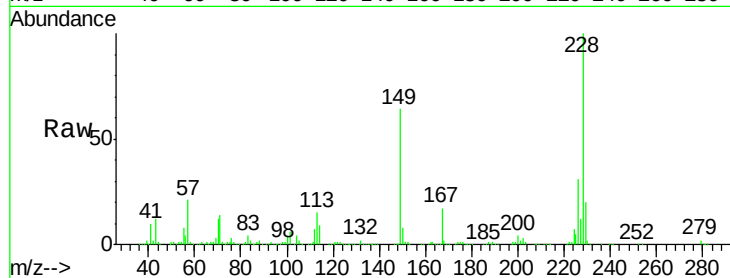
Tot Ion:149 Resp: 433337

Ion Ratio Lower Upper

149 100

167 26.1 21.8 32.8

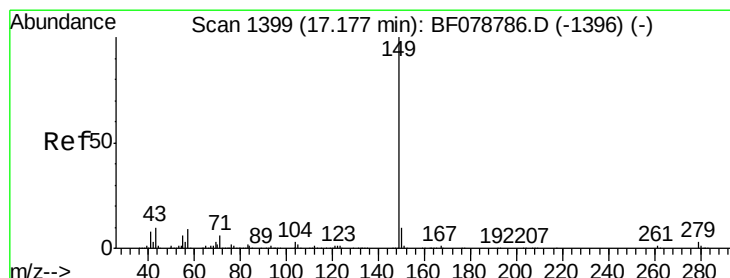
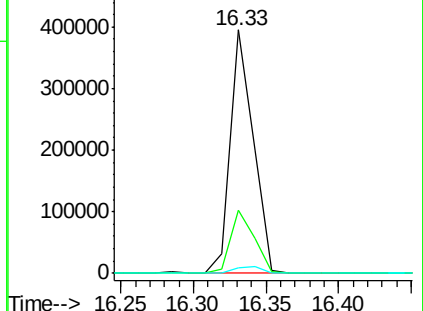
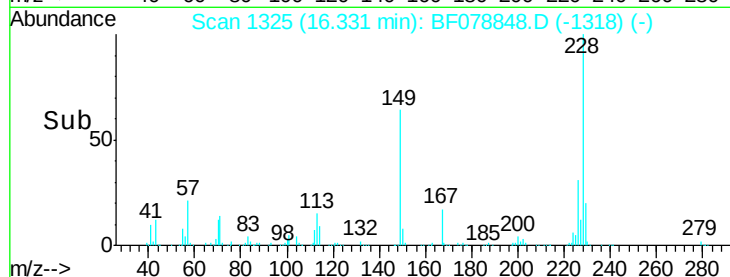
279 2.3 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.30 ng

RT: 17.14 min Scan# 1396

Delta R.T. -0.03 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

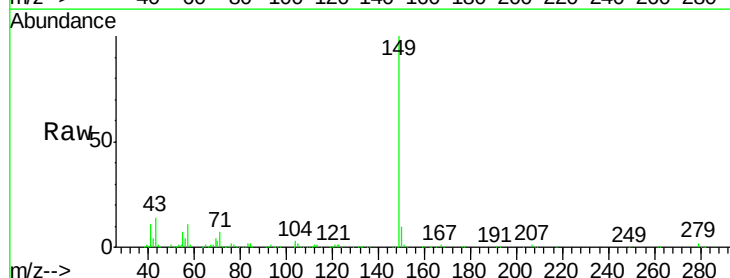
Tgt Ion:149 Resp: 779406

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

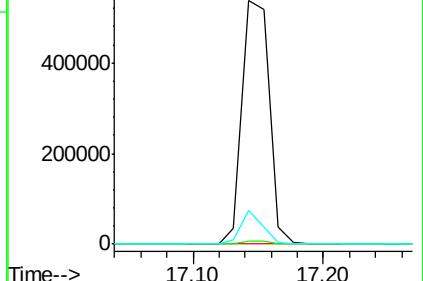
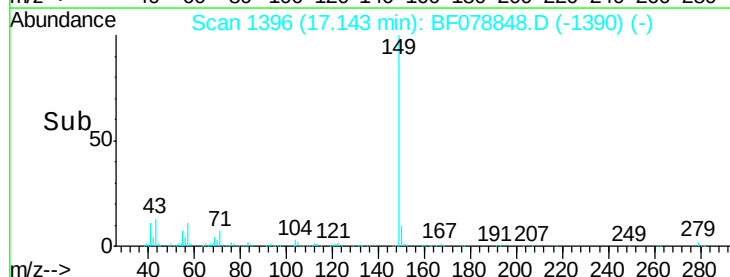
43 10.8 0.0 0.0#

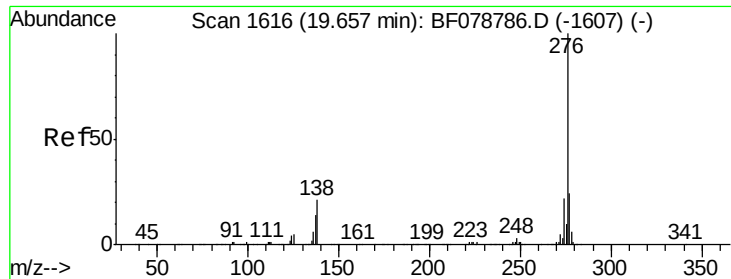


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

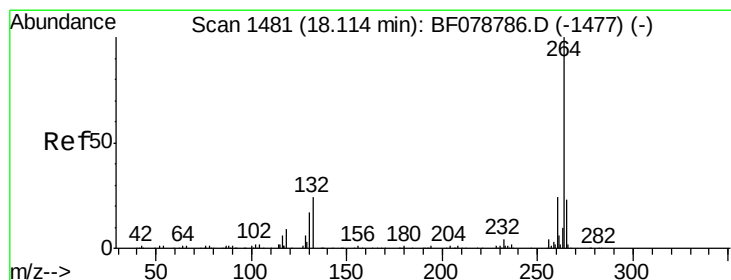
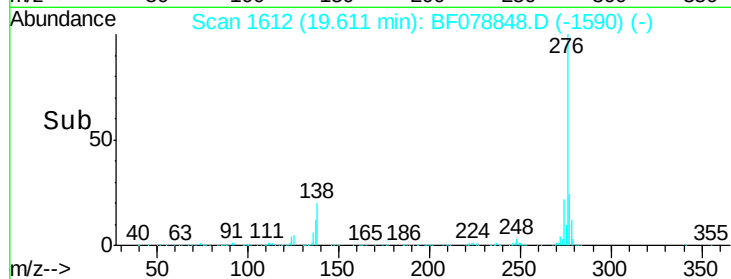
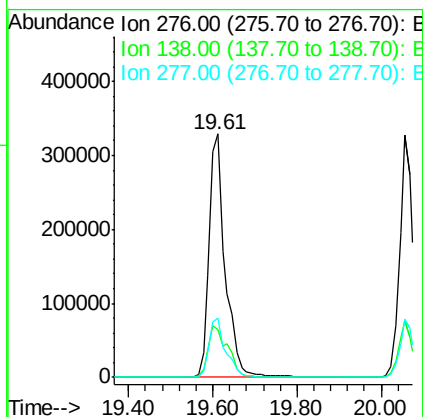
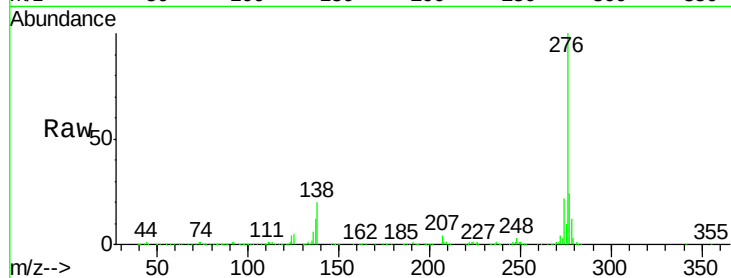




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.70 ng
 RT: 19.61 min Scan# 1612
 Delta R.T. -0.05 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

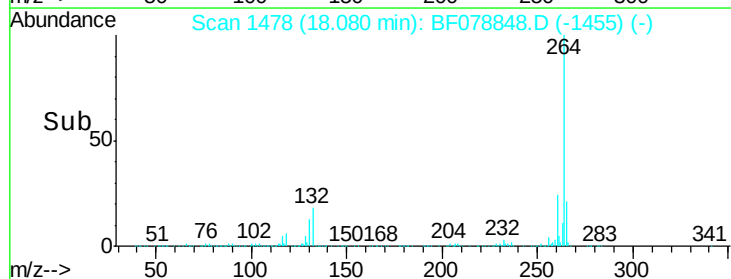
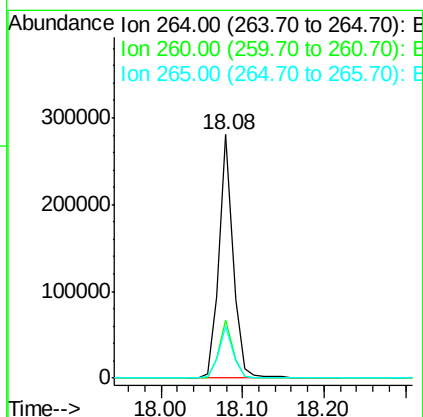
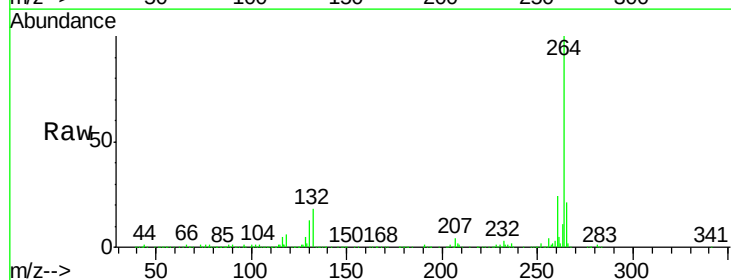
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

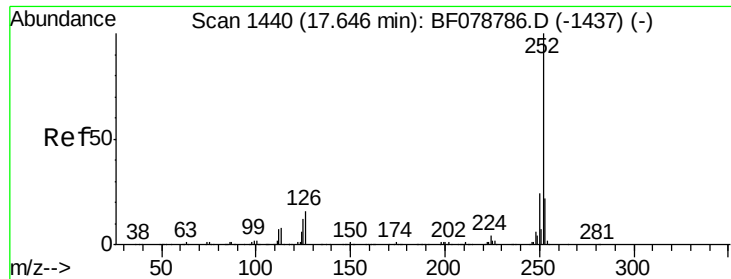
Tot Ion:276 Resp: 870383
 Ion Ratio Lower Upper
 276 100
 138 26.4 0.0 0.0#
 277 25.2 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.08 min Scan# 1478
 Delta R.T. -0.03 min
 Lab File: BF078848.D
 Acq: 30 Apr 2015 10:55

Tgt Ion:264 Resp: 337521
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.3 18.3 27.5

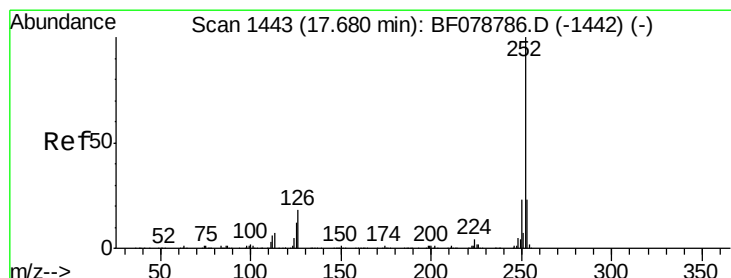
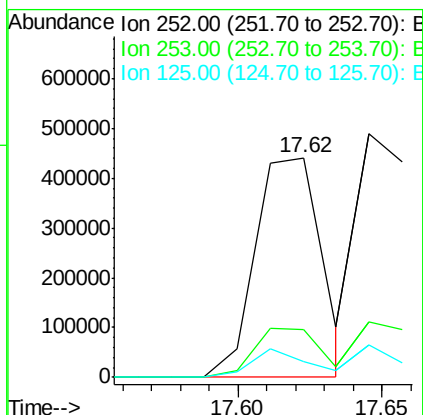
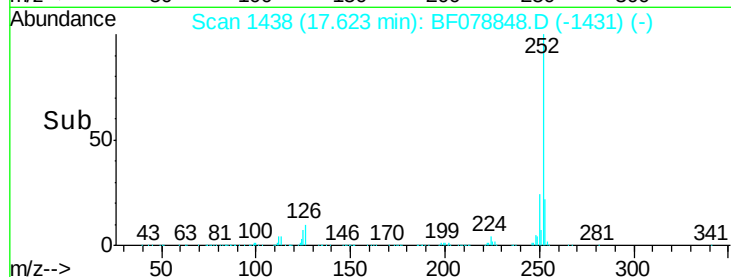
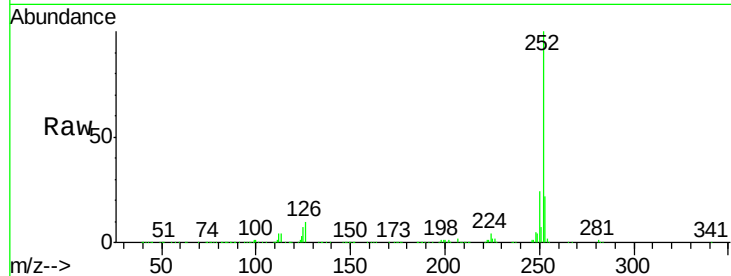




#87
Benzo(b)fluoranthene
Concen: 38.61 ng m
RT: 17.62 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF078848.D
Acq: 30 Apr 2015 10:55

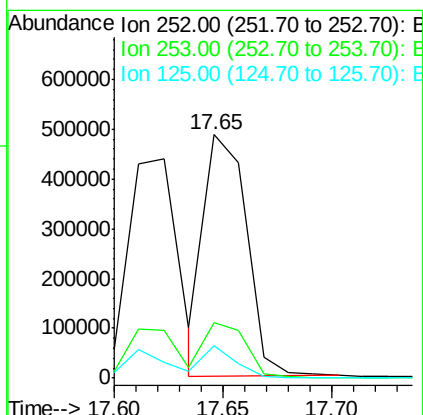
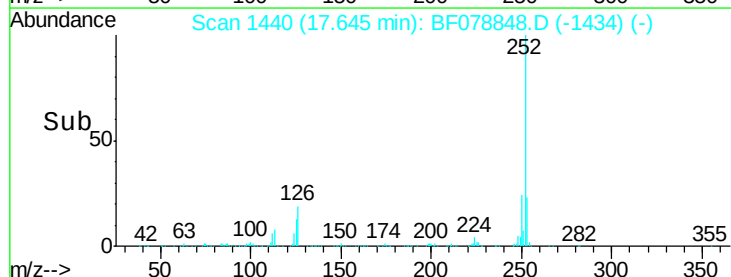
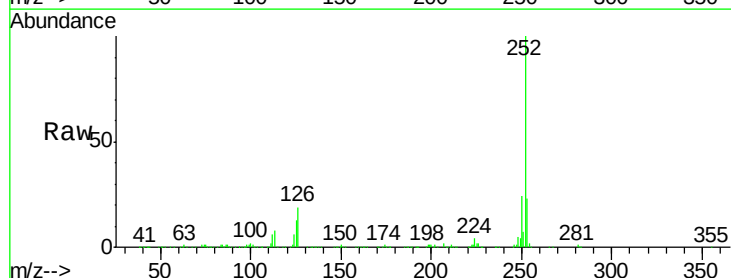
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

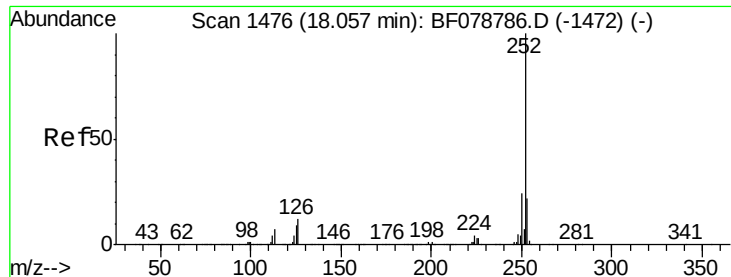
Tot Ion:252 Resp: 705472
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 6.9 9.5 14.3#



#88
Benzo(k)fluoranthene
Concen: 37.49 ng
RT: 17.65 min Scan# 1440
Delta R.T. -0.03 min
Lab File: BF078848.D
Acq: 30 Apr 2015 10:55

Tgt Ion:252 Resp: 663760
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 13.1 10.0 15.0





#89

Benzo(a)pyrene

Concen: 39.73 ng

RT: 18.01 min Scan# 1472

Delta R.T. -0.05 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

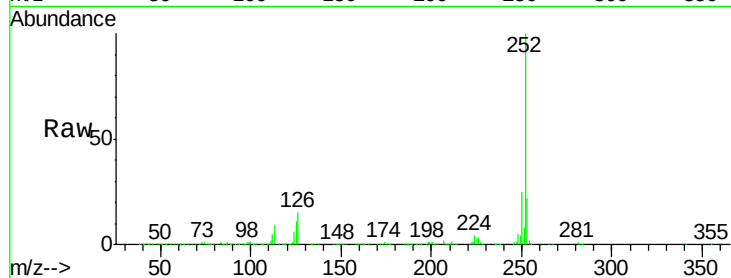
Tot Ion:252 Resp: 649406

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

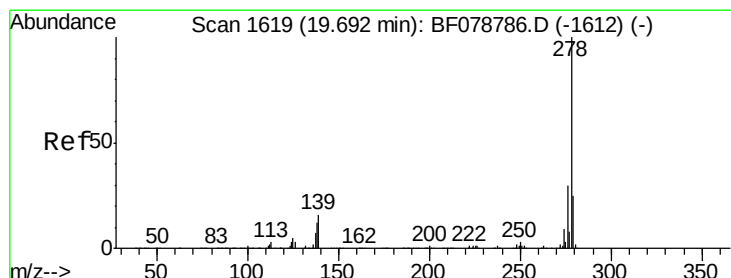
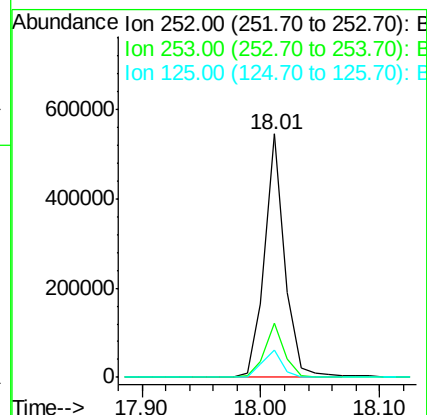
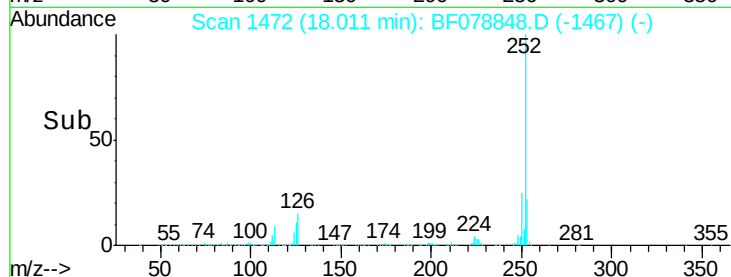
125 11.2 7.0 10.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.99 ng

RT: 19.63 min Scan# 1614

Delta R.T. -0.06 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

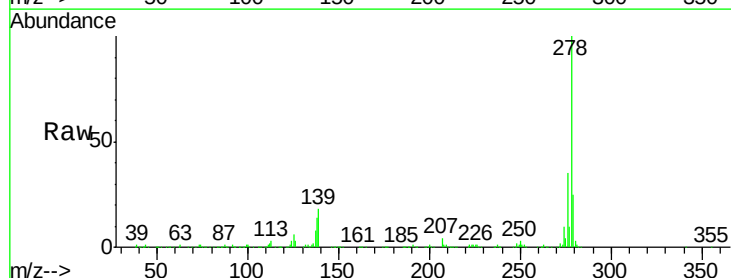
Tgt Ion:278 Resp: 677022

Ion Ratio Lower Upper

278 100

139 17.7 12.8 19.2

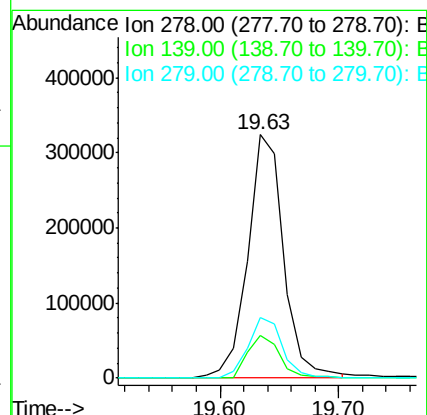
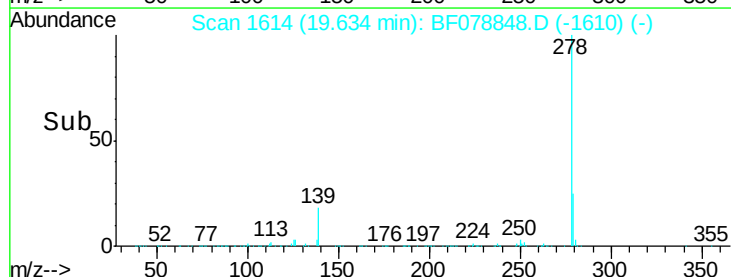
279 24.7 19.6 29.4

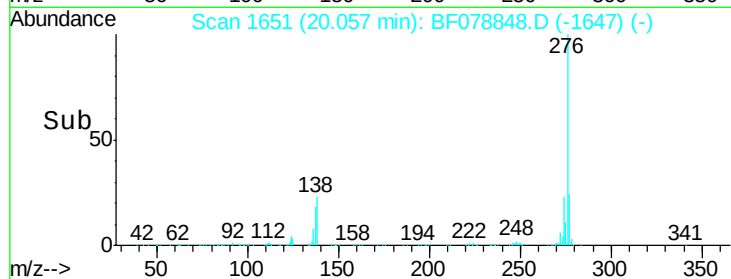
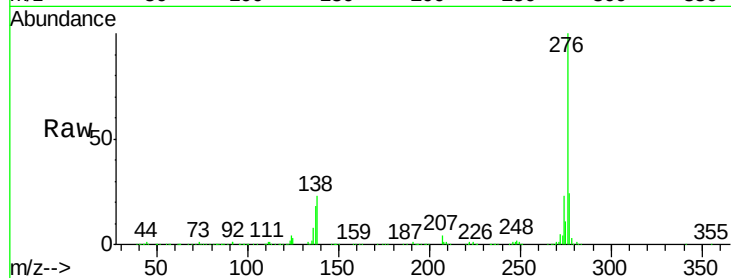
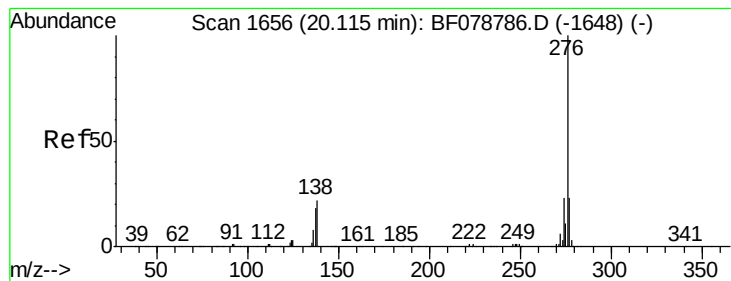


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.00 ng

RT: 20.06 min Scan# 1651

Delta R.T. -0.06 min

Lab File: BF078848.D

Acq: 30 Apr 2015 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:276 Resp: 696699

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 23.2 17.4 26.0

