

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050115\
 Data File : BF078883.D
 Acq On : 1 May 2015 10:24
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 01 14:16:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 19:07:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	71115	20.00	ng	-0.01
21) Naphthalene-d8	8.94	136	308863	20.00	ng	-0.01
38) Acenaphthene-d10	11.12	164	155076	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	306740	20.00	ng	-0.01
75) Chrysene-d12	16.29	240	335186	20.00	ng	-0.01
86) Perylene-d12	18.13	264	348482	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	321491	77.82	ng	-0.01
7) Phenol-d6	6.90	99	430723	78.87	ng	-0.02
23) Nitrobenzene-d5	8.04	82	411539	76.58	ng	-0.02
41) 2,4,6-Tribromophenol	12.09	330	137066	81.70	ng	-0.02
44) 2-Fluorobiphenyl	10.28	172	859489	77.22	ng	-0.01
78) Terphenyl-d14	14.96	244	1062383	75.88	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	65732	36.59	ng	# 18
3) Pyridine	3.08	79	191885	36.50	ng	98
4) n-Nitrosodimethylamine	2.99	42	91277	40.53	ng	94
6) Aniline	6.95	93	311702	40.44	ng	99
8) 2-Chlorophenol	7.08	128	182829	39.02	ng	95
9) Benzaldehyde	6.81	77	147447	40.08	ng	98
10) Phenol	6.92	94	259181	40.91	ng	96
11) bis(2-Chloroethyl)ether	7.05	93	177719	38.27	ng	87
12) 1,3-Dichlorobenzene	7.28	146	200769	38.12	ng	99
13) 1,4-Dichlorobenzene	7.38	146	208585	38.48	ng	98
14) 1,2-Dichlorobenzene	7.56	146	196472	38.94	ng	98
15) Benzyl Alcohol	7.53	79	165472	40.82	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.71	45	273317	38.47	ng	98
17) 2-Methylphenol	7.68	107	155256	41.17	ng	96
18) Hexachloroethane	7.99	117	72872	39.03	ng	97
19) n-Nitroso-di-n-propylamine	7.87	70	154266	41.82	ng	# 87
20) 3+4-Methylphenols	7.86	107	210302	41.86	ng	91
22) Acetophenone	7.86	105	259577	37.20	ng	# 94
24) Nitrobenzene	8.07	77	195209	36.65	ng	98
25) Isophorone	8.38	82	403968	40.55	ng	# 92
26) 2-Nitrophenol	8.47	139	94015	42.64	ng	94
27) 2,4-Dimethylphenol	8.52	122	182142	41.28	ng	96
28) bis(2-Chloroethoxy)methane	8.65	93	243957	39.72	ng	99
29) 2,4-Dichlorophenol	8.76	162	154016	39.26	ng	93
30) 1,2,4-Trichlorobenzene	8.87	180	161758	37.53	ng	96
31) Naphthalene	8.96	128	551666	37.48	ng	100
32) Benzoic acid	8.62	122	108023	40.26	ng	96
33) 4-Chloroaniline	9.04	127	244262	39.22	ng	# 91
34) Hexachlorobutadiene	9.12	225	94050	37.90	ng	98
35) Caprolactam	9.46	113	56895	44.85	ng	96
36) 4-Chloro-3-methylphenol	9.63	107	183374	44.50	ng	95
37) 2-Methylnaphthalene	9.83	142	393000	38.54	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.03	216	161765	37.04	ng	# 100
40) Hexachlorocyclopentadiene	10.01	237	83240	37.90	ng	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	120254	40.05	nq	95
43) 2,4,5-Trichlorophenol	10.22	196	123038	40.53	nq	# 89
45) 1,1'-Biphenyl	10.40	154	457805	37.13	nq	98
46) 2-Chloronaphthalene	10.42	162	357460	37.17	nq	99
47) 2-Nitroaniline	10.55	65	107597	38.62	nq	95
48) Acenaphthylene	10.94	152	616620	39.05	nq	100
49) Dimethylphthalate	10.79	163	430309	37.81	nq	98
50) 2,6-Dinitrotoluene	10.86	165	86289	38.42	nq	# 85
51) Acenaphthene	11.15	154	365133	38.78	nq	98
52) 3-Nitroaniline	11.06	138	115170	41.05	nq	# 88
53) 2,4-Dinitrophenol	11.20	184	26979	42.20	nq	# 75
54) Dibenzofuran	11.37	168	525481	38.64	nq	98
55) 4-Nitrophenol	11.27	139	92460	41.63	nq	90
56) 2,4-Dinitrotoluene	11.36	165	124893	42.06	nq	# 68
57) Fluorene	11.79	166	430395	38.56	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.52	232	103717	41.81	nq	# 100
59) Diethylphthalate	11.67	149	447752	39.71	nq	99
60) 4-Chlorophenyl-phenylether	11.81	204	190881	38.55	nq	99
61) 4-Nitroaniline	11.82	138	112506	40.08	nq	95
62) Azobenzene	12.00	77	436206	39.26	nq	98
64) 4,6-Dinitro-2-methylphenol	11.86	198	50115	41.49	nq	# 61
65) n-Nitrosodiphenylamine	11.95	169	389748	38.15	nq	98
66) 4-Bromophenyl-phenylether	12.41	248	120834	37.79	nq	98
67) Hexachlorobenzene	12.47	284	136261	37.29	nq	97
68) Atrazine	12.62	200	114960	38.70	nq	99
69) Pentachlorophenol	12.72	266	77572	40.02	nq	97
70) Phenanthrene	12.99	178	659501	38.43	nq	99
71) Anthracene	13.05	178	634712	37.70	nq	99
72) Carbazole	13.26	167	609793	38.00	nq	100
73) Di-n-butylphthalate	13.70	149	772406	40.14	nq	99
74) Fluoranthene	14.47	202	700827	39.19	nq	97
76) Benzidine	14.65	184	322294	35.68	nq	97
77) Pyrene	14.75	202	746272	38.64	nq	99
79) Butylbenzylphthalate	15.58	149	355759	42.14	nq	94
80) Benzo(a)anthracene	16.27	228	705564	38.44	nq	100
81) 3,3'-Dichlorobenzidine	16.25	252	274663	42.01	nq	98
82) Chrysene	16.32	228	665907	37.72	nq	99
83) Bis(2-ethylhexyl)phthalate	16.33	149	532851	41.67	nq	100
84) Di-n-octyl phthalate	17.18	149	948155	42.10	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.65	276	910519	40.48	nq	# 100
87) Benzo(b)fluoranthene	17.66	252	722010	37.85	nq	# 96
88) Benzo(k)fluoranthene	17.69	252	705589	38.21	nq	# 95
89) Benzo(a)pyrene	18.06	252	684146	38.95	nq	# 95
90) Dibenzo(a,h)anthracene	19.68	278	723834	38.78	nq	98
91) Benzo(g,h,i)perylene	20.10	276	732042	39.13	nq	99

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

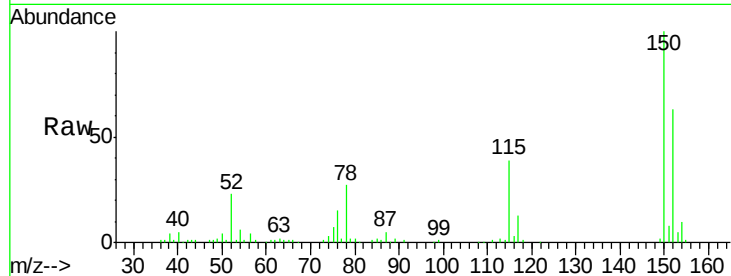


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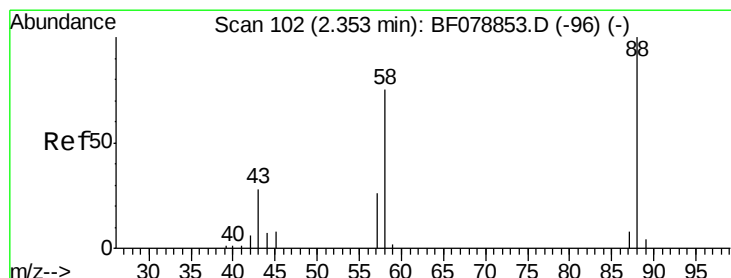
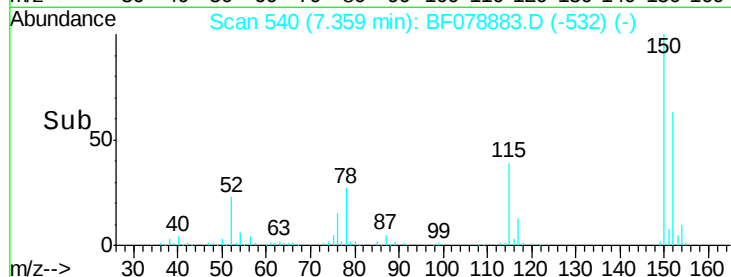
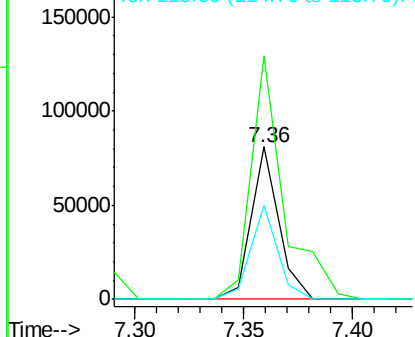
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 71115
Ion Ratio Lower Upper
152 100
150 159.9 122.0 183.0
115 62.0 46.3 69.5



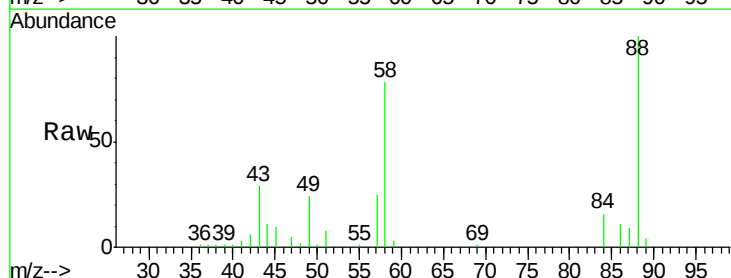
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



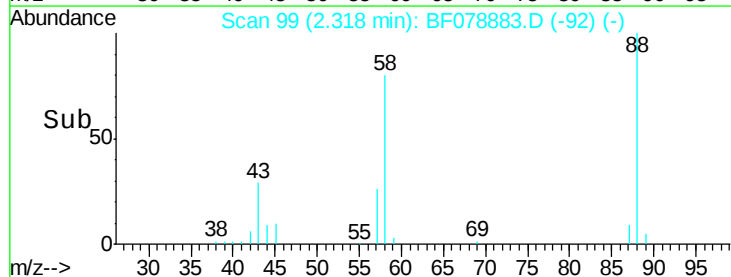
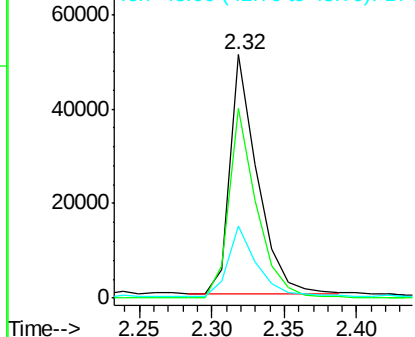
#2

1,4-Dioxane
Concen: 36.59 ng
RT: 2.32 min Scan# 99
Delta R.T. -0.02 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

Tgt Ion: 88 Resp: 65732
Ion Ratio Lower Upper
88 100
58 81.7 0.0 0.0#
43 31.0 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



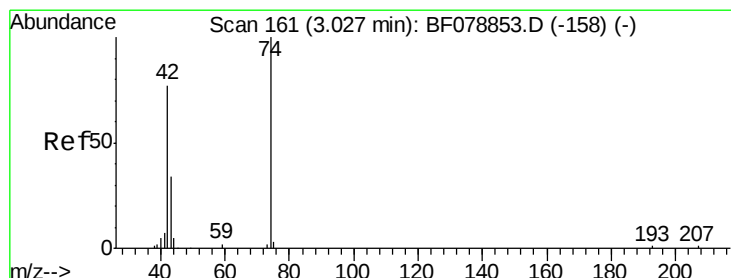
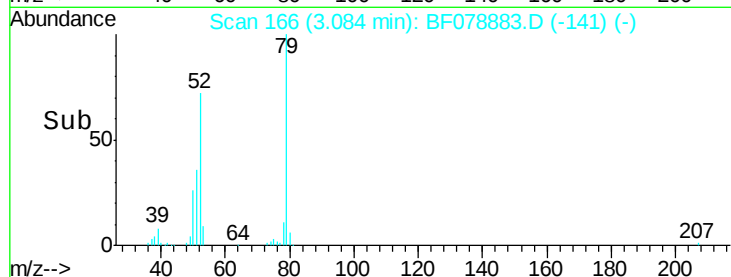
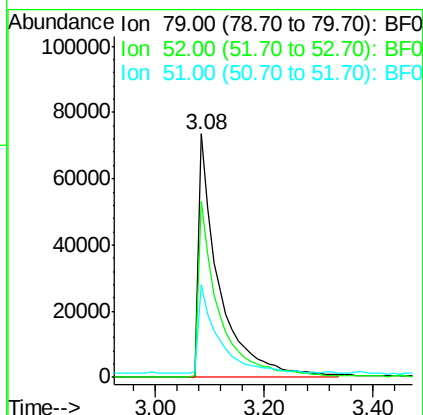
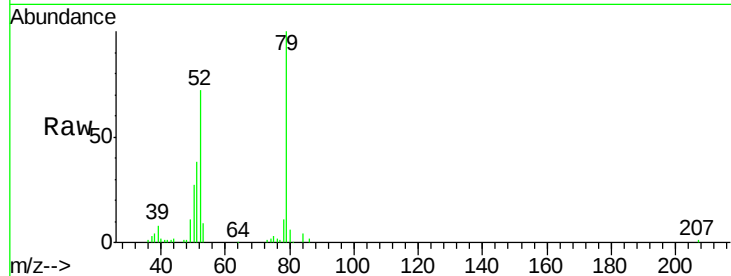


#3
 Pvridine
 Concen: 36.50 ng
 RT: 3.08 min Scan# 166
 Delta R.T. -0.01 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 79 Resp: 191885

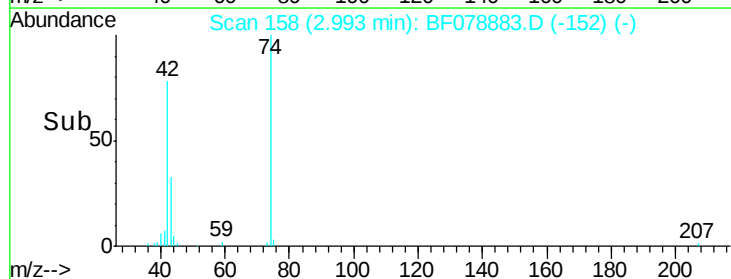
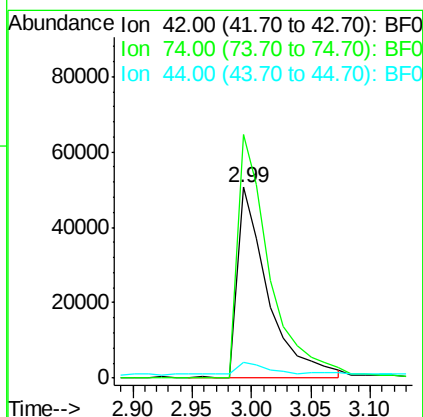
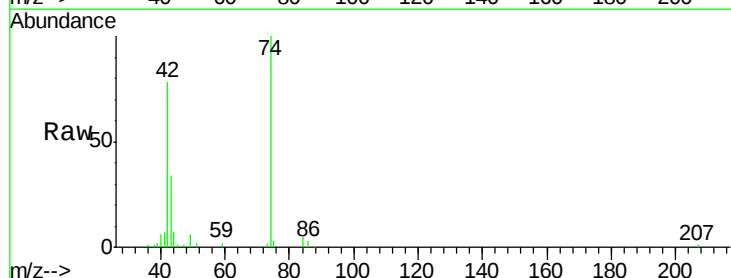
Ion	Ratio	Lower	Upper
79	100		
52	71.9	57.2	85.8
51	38.2	28.9	43.3

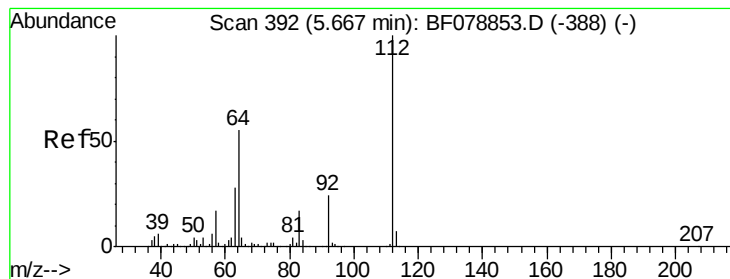


#4
 n-Nitrosodimethylamine
 Concen: 40.53 ng
 RT: 2.99 min Scan# 158
 Delta R.T. -0.03 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

Tgt Ion: 42 Resp: 91277

Ion	Ratio	Lower	Upper
42	100		
74	127.5	96.5	144.7
44	8.4	6.1	9.1

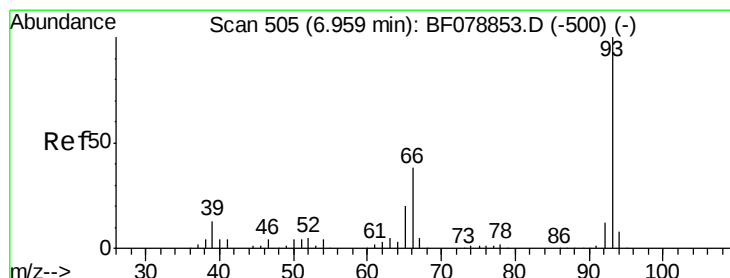
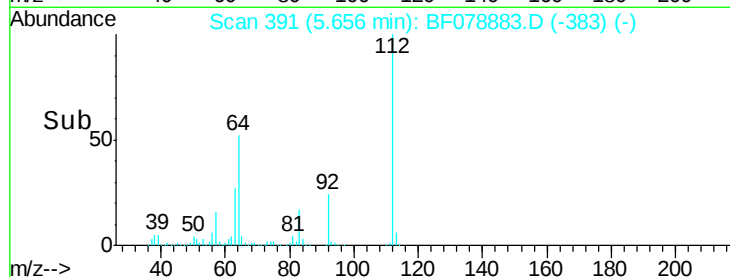
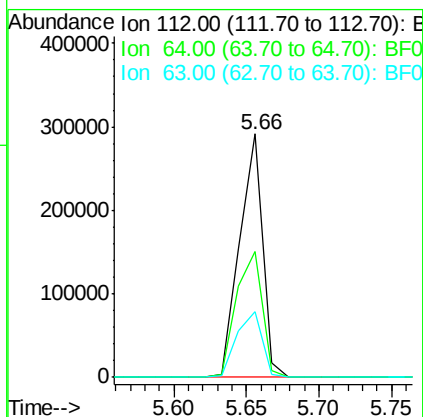
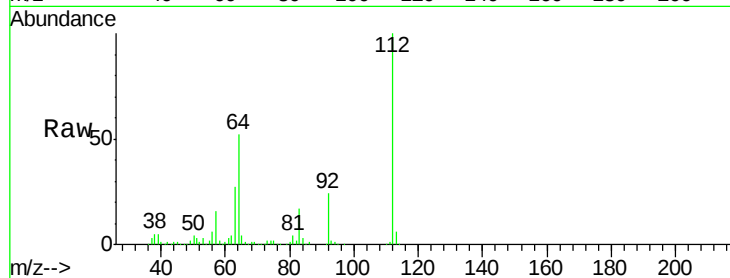




#5
 2-Fluorophenol
 Concen: 77.82 ng
 RT: 5.66 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

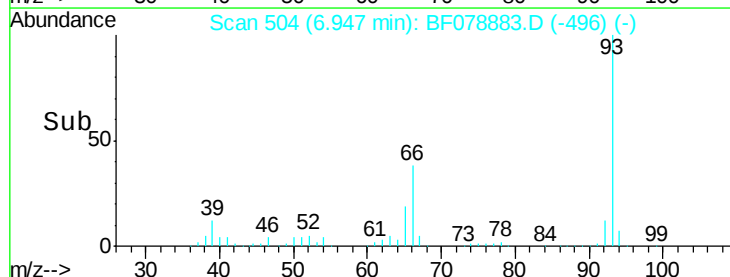
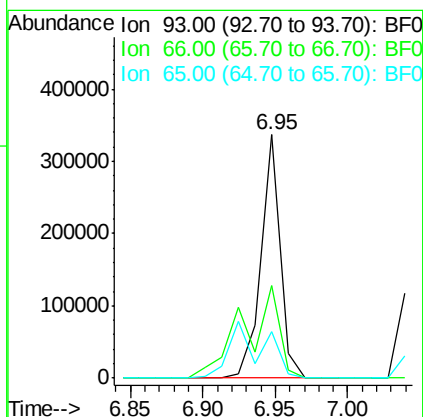
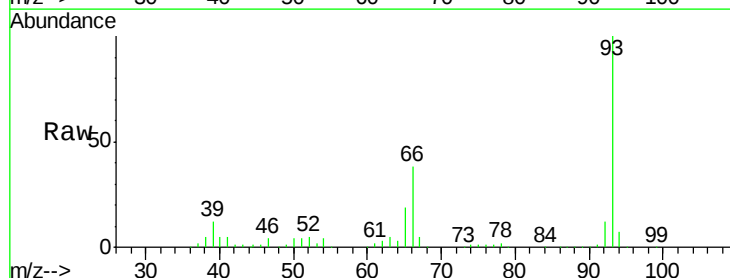
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
112	100		
64	51.9	53.5	80.3#
63	26.9	27.5	41.3#



#6
 Aniline
 Concen: 40.44 ng
 RT: 6.95 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

Tgt Ion	Ratio	Lower	Upper
93	100		
66	38.0	29.7	44.5
65	18.9	14.6	22.0





#7

Phenol-d6

Concen: 78.87 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

Instrument :

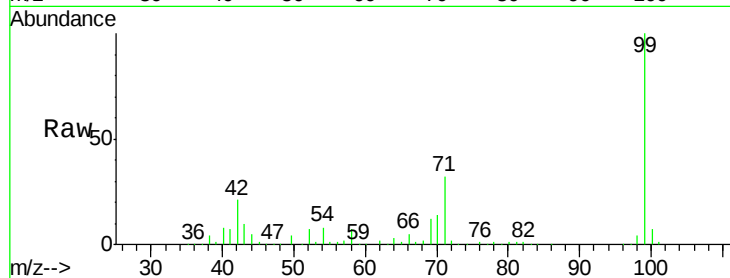
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 430723

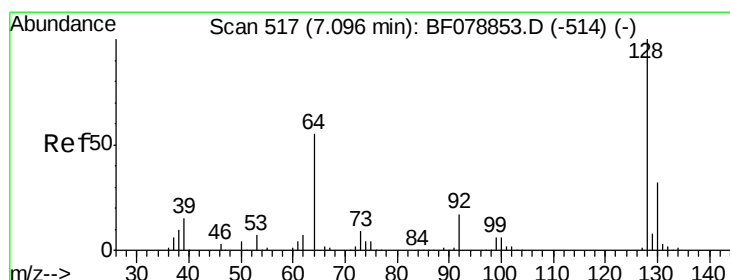
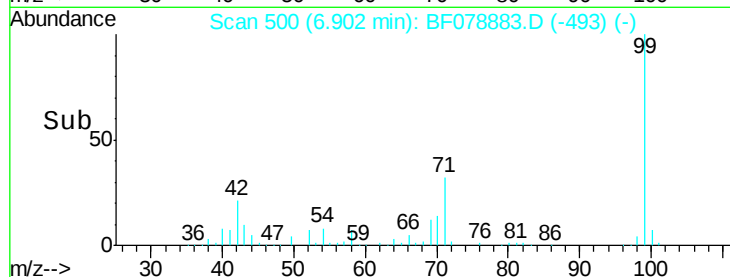
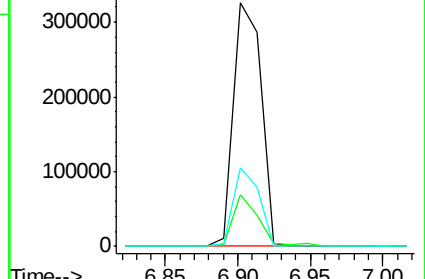
Ion	Ratio	Lower	Upper
99	100		
42	21.4	12.8	19.2#
71	32.4	23.4	35.2



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: 39.02 ng

RT: 7.08 min Scan# 516

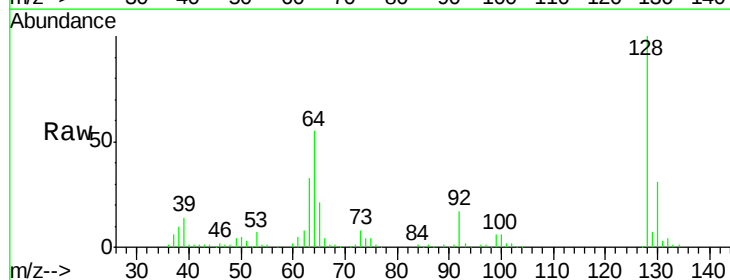
Delta R.T. -0.02 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

Tgt Ion: 128 Resp: 182829

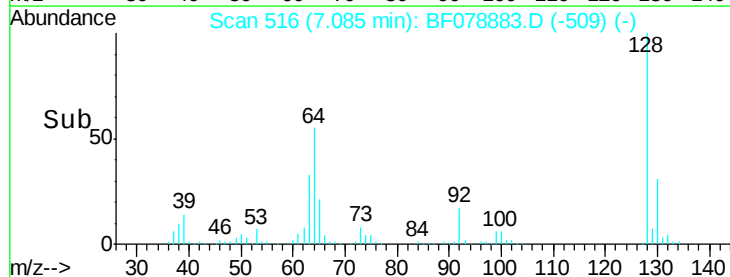
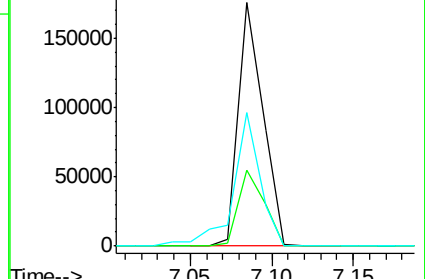
Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.1	52.1
64	54.7	29.6	69.6



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: 40.08 ng

RT: 6.81 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

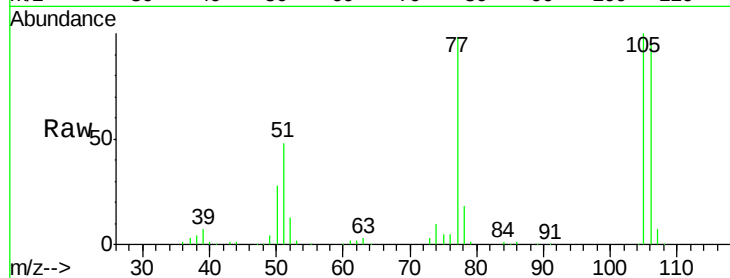
Tot Ion: 77 Resp: 147447

Ion Ratio Lower Upper

77 100

105 101.5 81.7 121.7

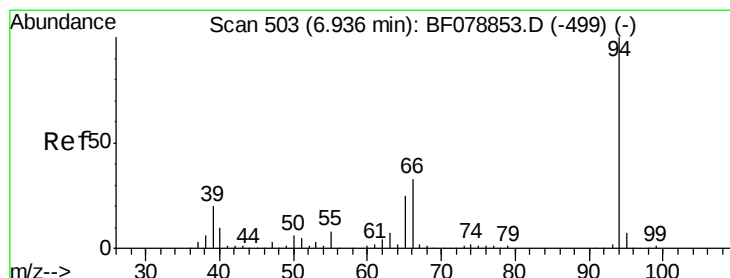
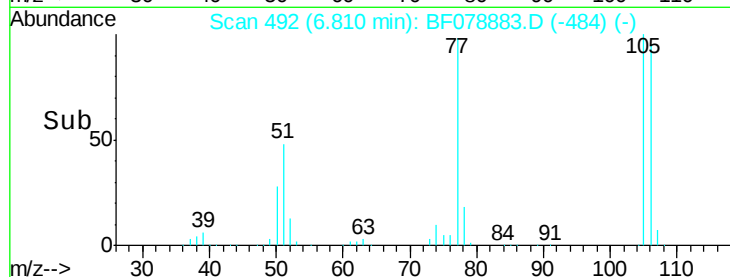
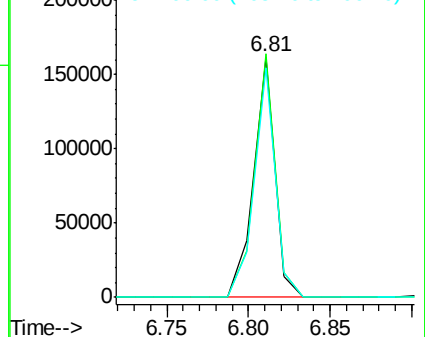
106 96.0 79.0 119.0



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: 40.91 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

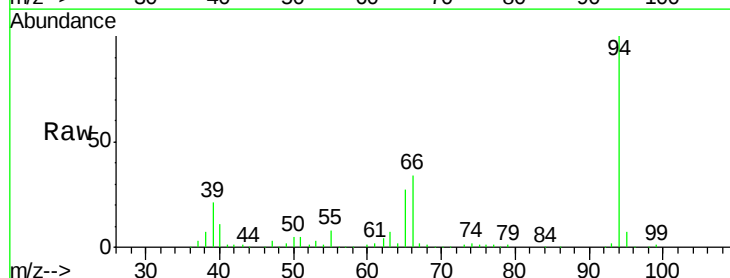
Tgt Ion: 94 Resp: 259181

Ion Ratio Lower Upper

94 100

65 26.9 8.5 48.5

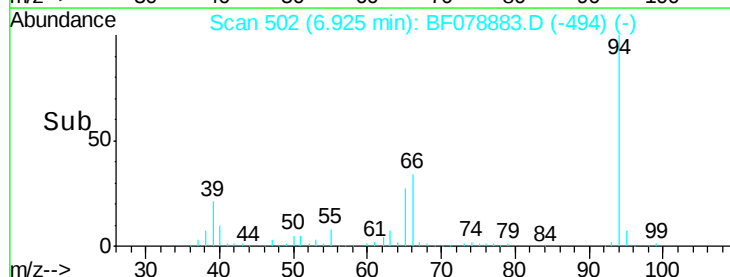
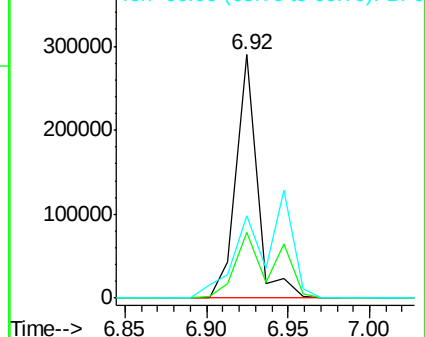
66 33.6 16.0 56.0

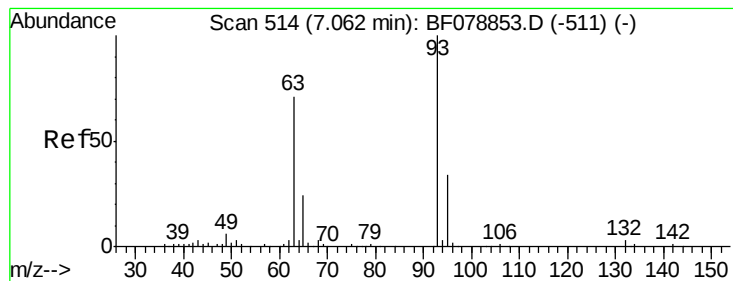


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

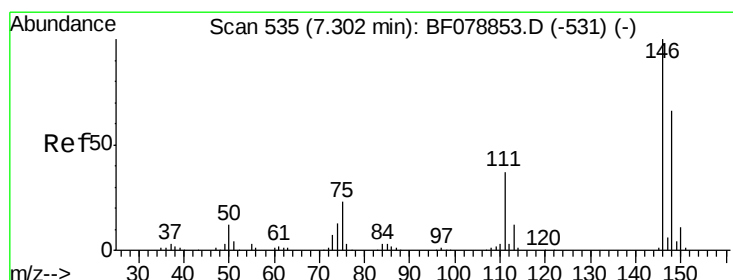
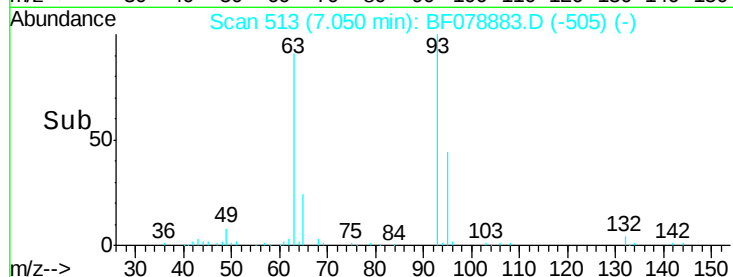
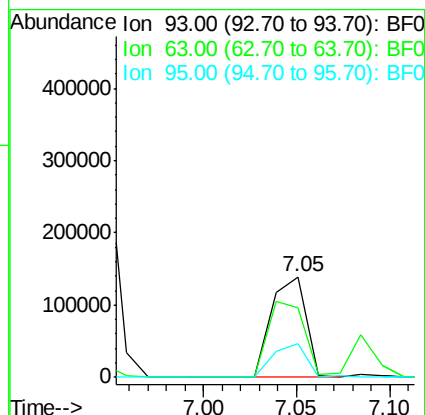
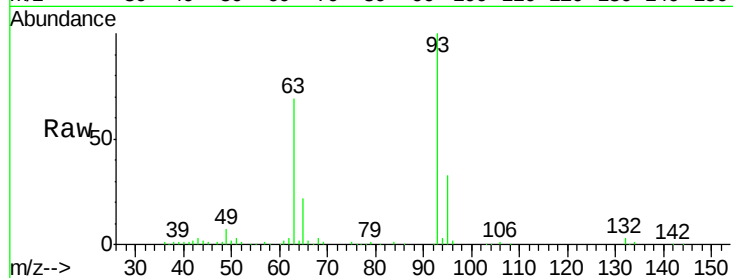




#11
bis(2-Chloroethyl)ether
Concen: 38.27 ng
RT: 7.05 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

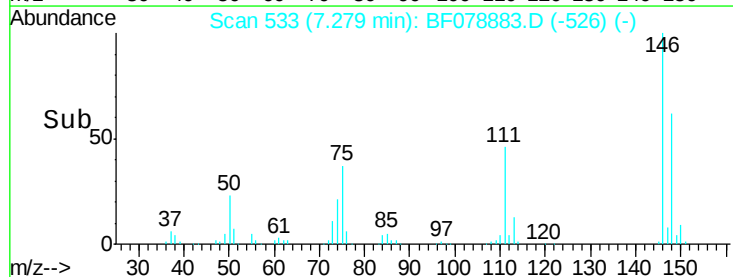
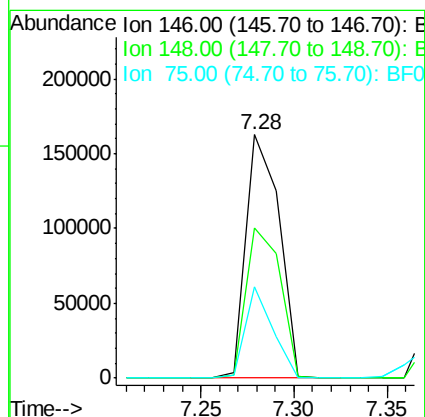
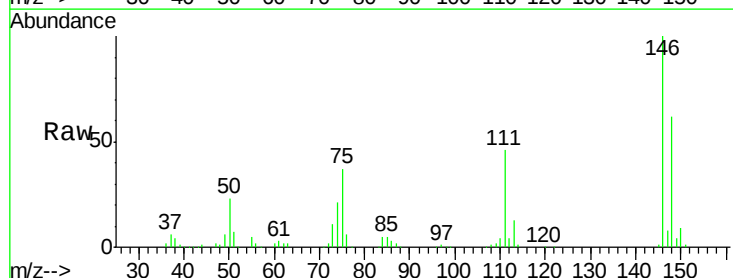
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 93 Resp: 177719
Ion Ratio Lower Upper
93 100
63 69.3 64.8 104.8
95 33.1 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 38.12 ng
RT: 7.28 min Scan# 533
Delta R.T. -0.02 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

Tgt Ion: 146 Resp: 200769
Ion Ratio Lower Upper
146 100
148 61.7 50.2 75.2
75 37.3 29.2 43.8

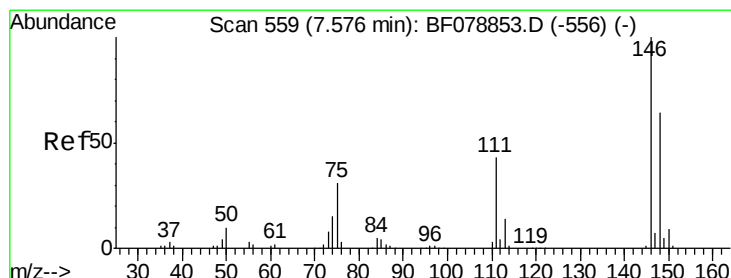
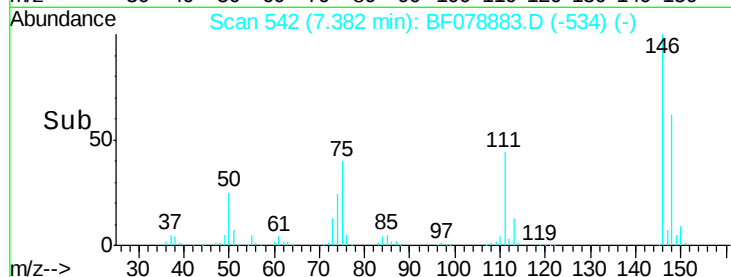
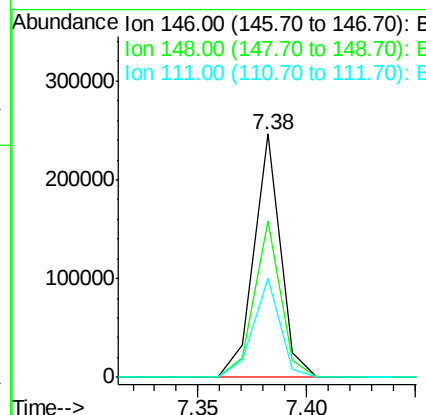
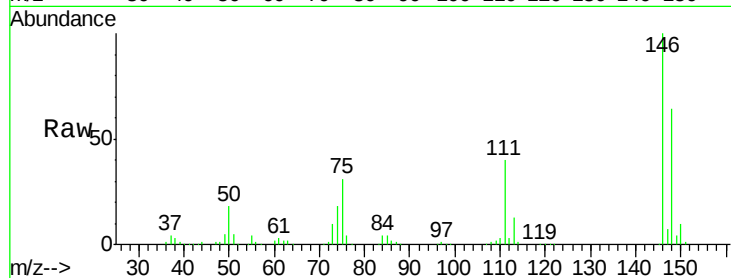




#13
 1,4-Dichlorobenzene
 Concen: 38.48 ng
 RT: 7.38 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

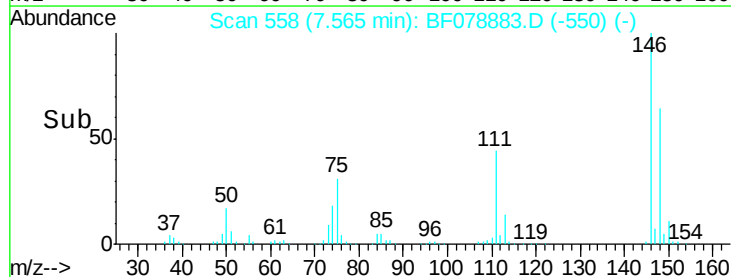
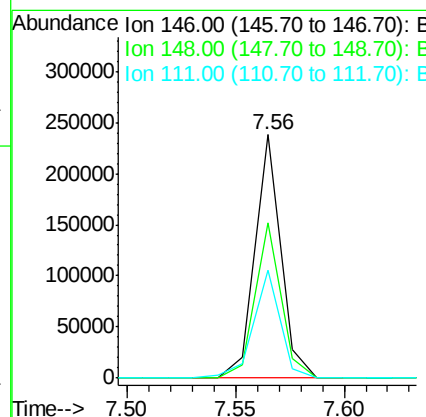
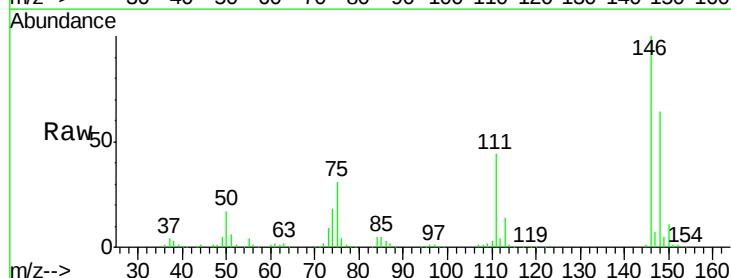
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 208585
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.8 79.2
 111 40.5 31.7 47.5



#14
 1,2-Dichlorobenzene
 Concen: 38.94 ng
 RT: 7.56 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

Tgt Ion:146 Resp: 196472
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.2 76.8
 111 44.2 33.3 49.9





#15

Benzyl Alcohol

Concen: 40.82 ng

RT: 7.53 min Scan# 555

Delta R.T. -0.02 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

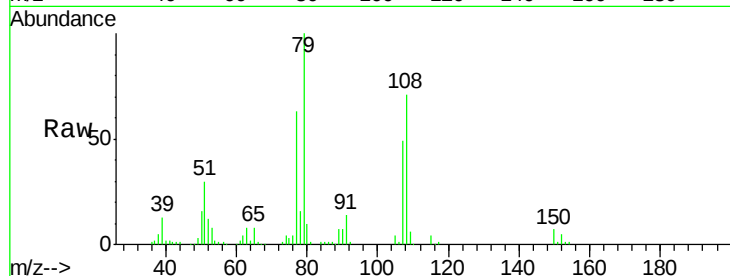
Tot Ion: 79 Resp: 165472

Ion Ratio Lower Upper

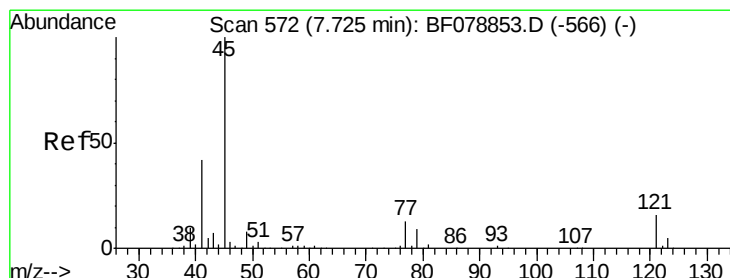
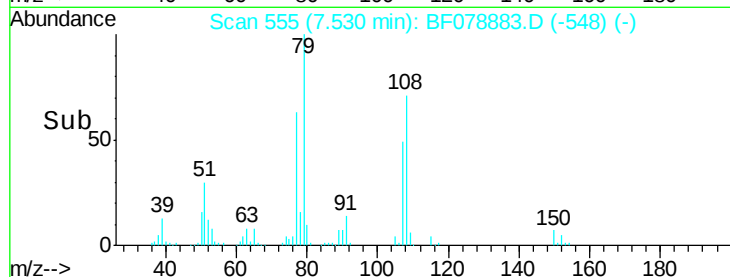
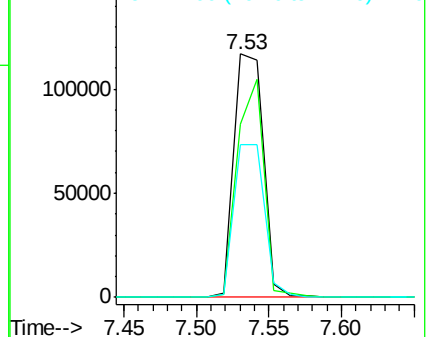
79 100

108 70.9 62.5 93.7

77 62.7 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: 38.47 ng

RT: 7.71 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

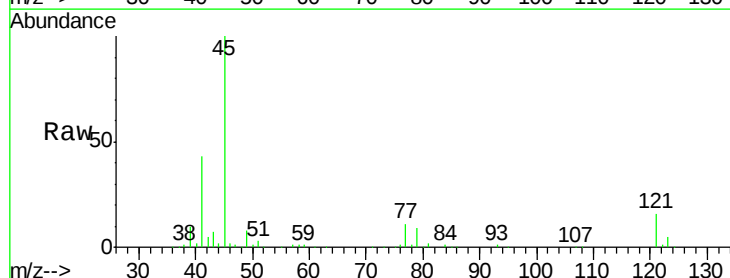
Tgt Ion: 45 Resp: 273317

Ion Ratio Lower Upper

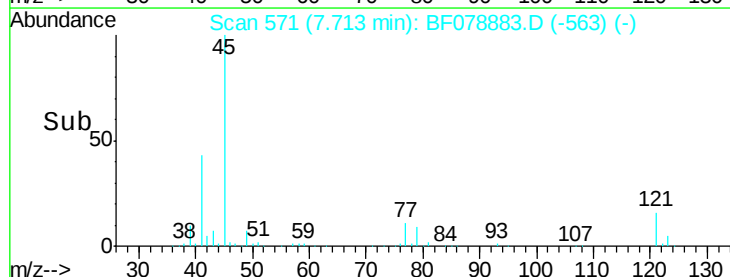
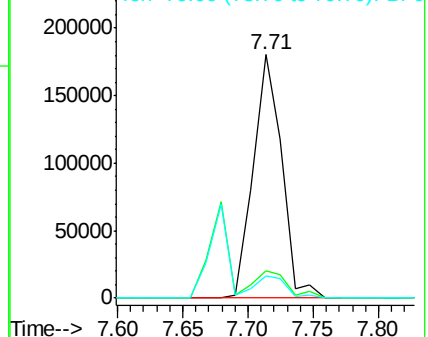
45 100

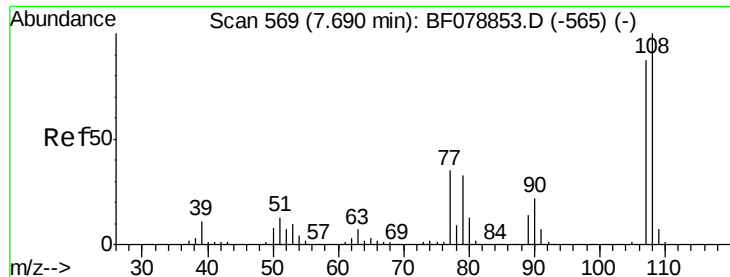
77 11.4 0.0 32.3

79 9.3 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

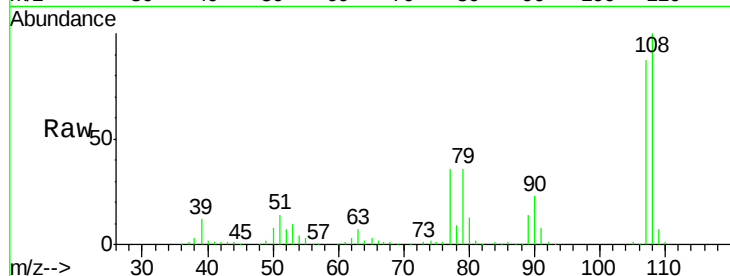




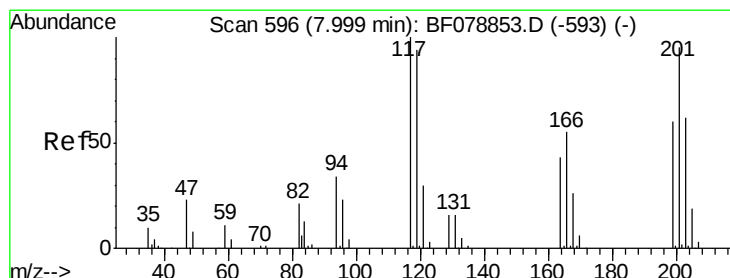
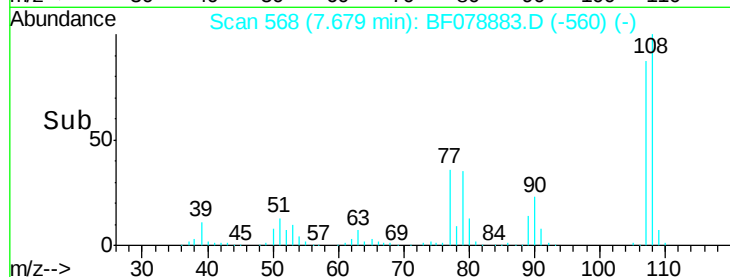
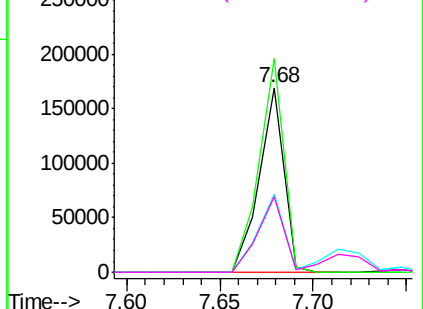
#17
2-Methylphenol
Concen: 41.17 ng
RT: 7.68 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	155256
Ion	Ratio	Lower	Upper
107	100		
108	115.6	94.9	142.3
77	42.0	36.2	54.4
79	41.1	35.2	52.8

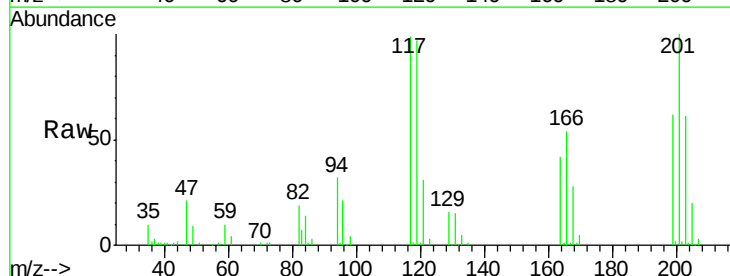


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

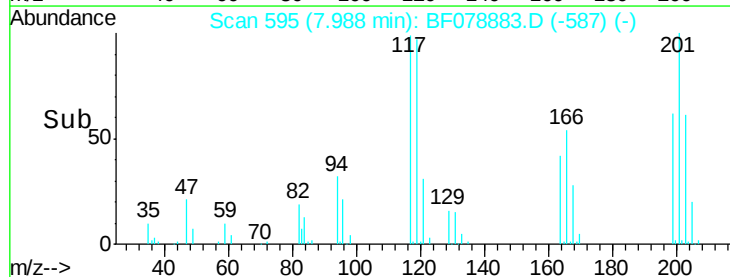
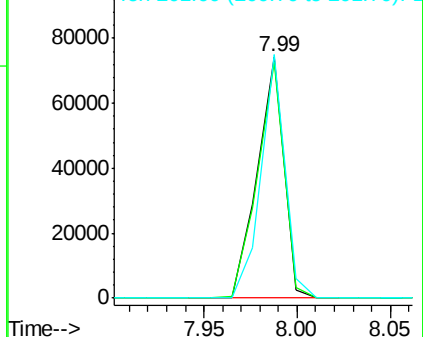


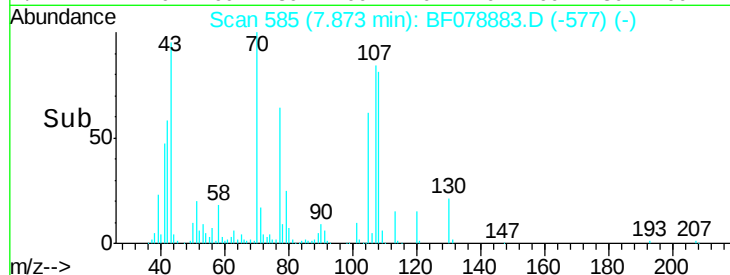
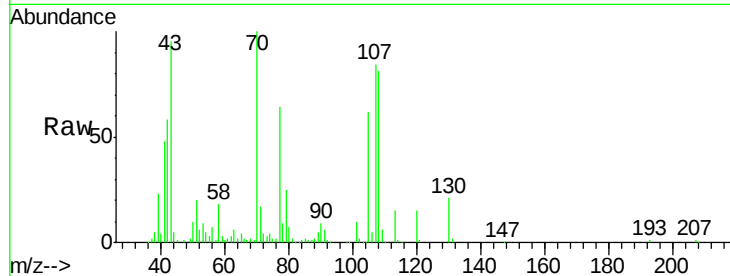
#18
Hexachloroethane
Concen: 39.03 ng
RT: 7.99 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

Tgt Ion:	117	Resp:	72872
Ion	Ratio	Lower	Upper
117	100		
119	97.8	75.4	113.0
201	100.8	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

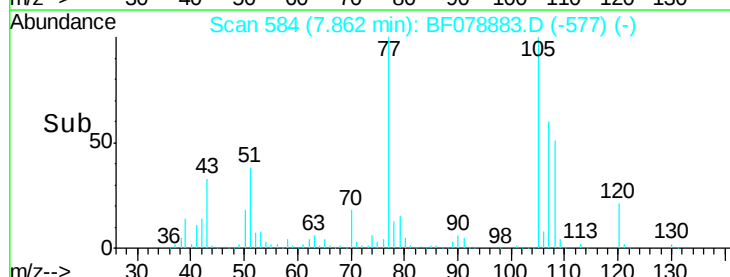
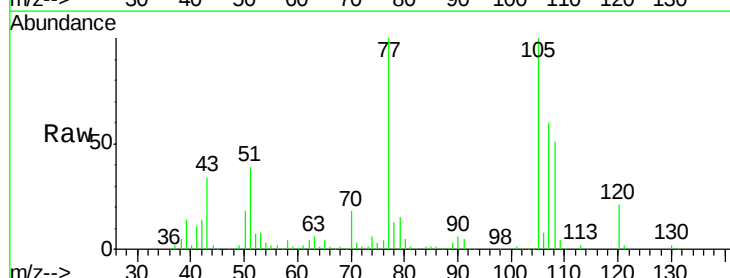
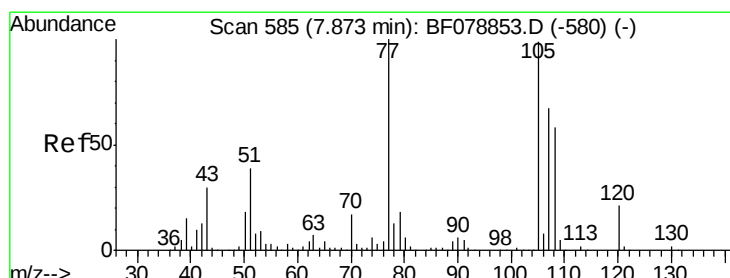
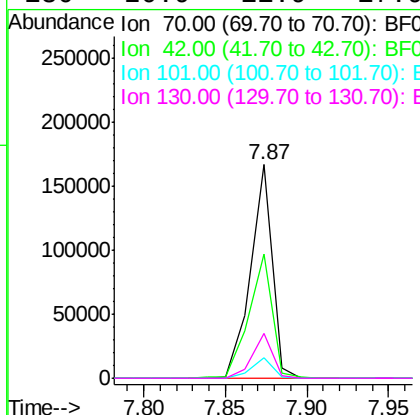




#19
n-Nitroso-di-n-propylamine
Concen: 41.82 ng
RT: 7.87 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

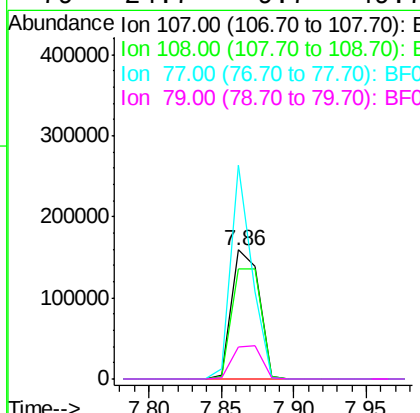
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 154266
Ion Ratio Lower Upper
70 100
42 57.9 55.4 83.0
101 9.6 6.6 10.0
130 20.9 11.9 17.9#



#20
3+4-Methylphenols
Concen: 41.86 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

Tgt Ion: 107 Resp: 210302
Ion Ratio Lower Upper
107 100
108 85.6 76.9 116.9
77 166.0 136.8 176.8
79 24.7 9.7 49.7

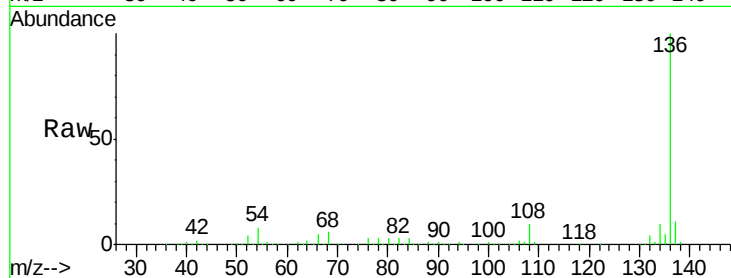




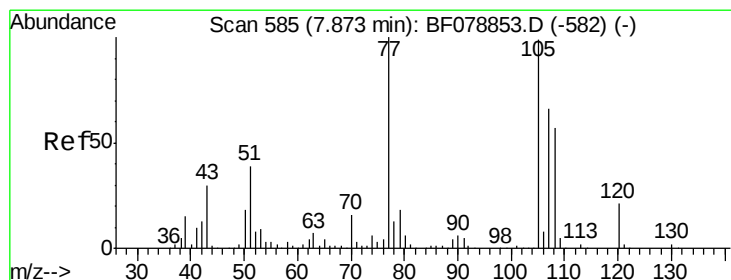
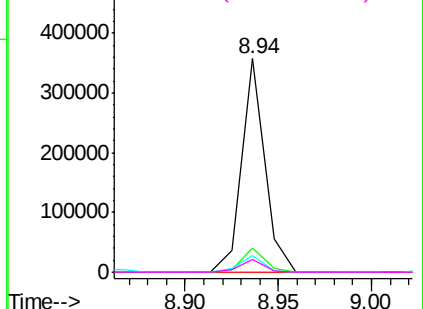
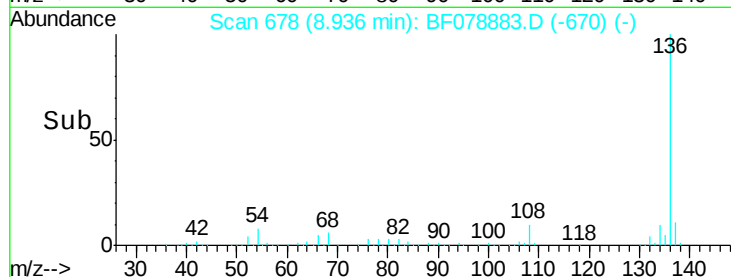
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.94 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	308863
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.7 13.1
54	8.0	5.8 8.8
68	6.0	4.2 6.4

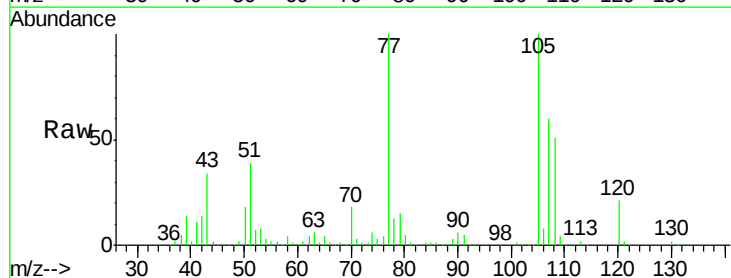


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

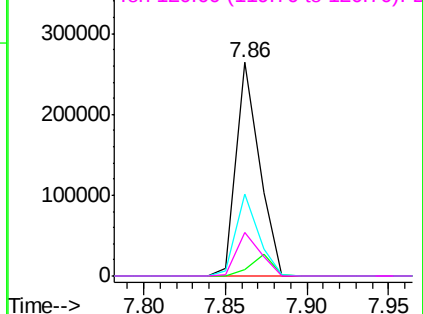
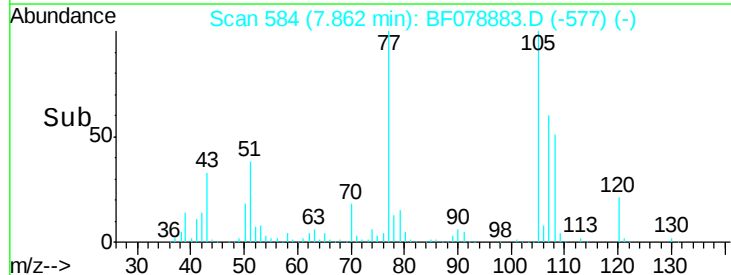


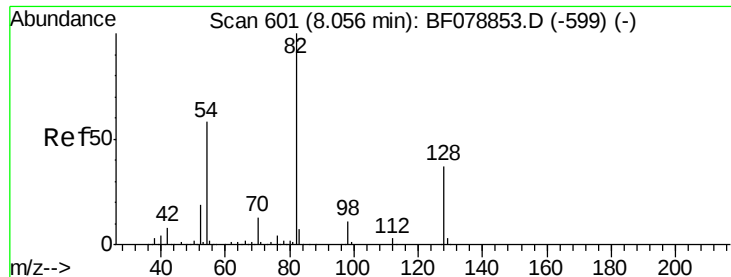
#22
Acetophenone
Concen: 37.20 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

Tgt Ion:105	Resp:	259577
Ion Ratio	Lower	Upper
105	100	
71	3.0	4.6 6.8#
51	38.5	26.7 40.1
120	20.7	17.4 26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

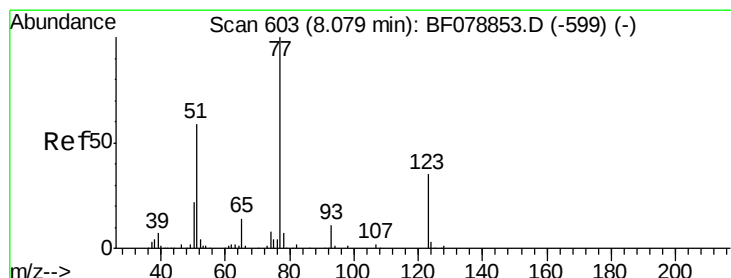
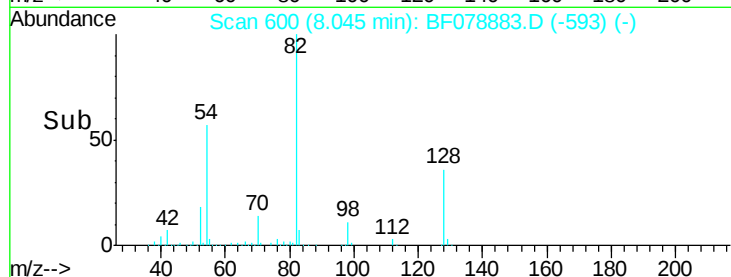
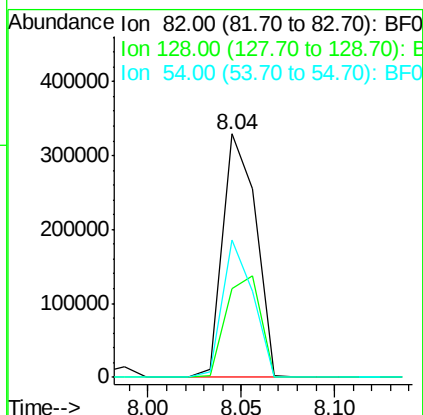
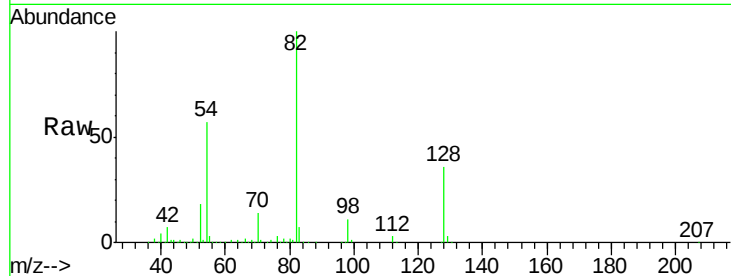




#23
 Nitrobenzene-d5
 Concen: 76.58 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

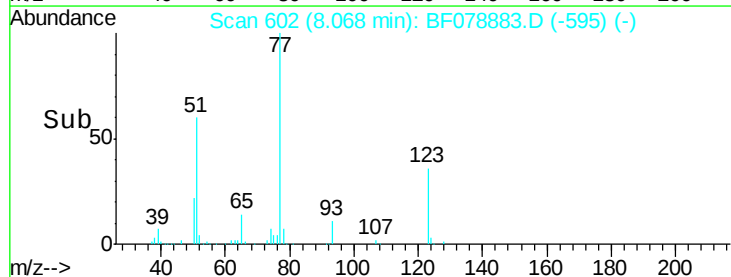
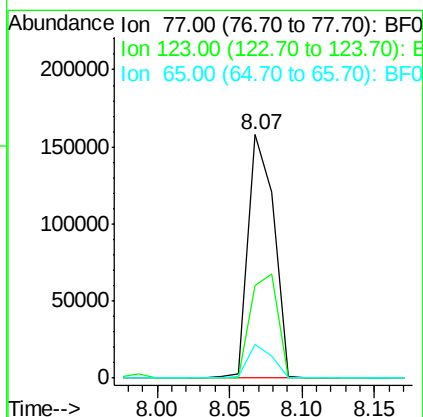
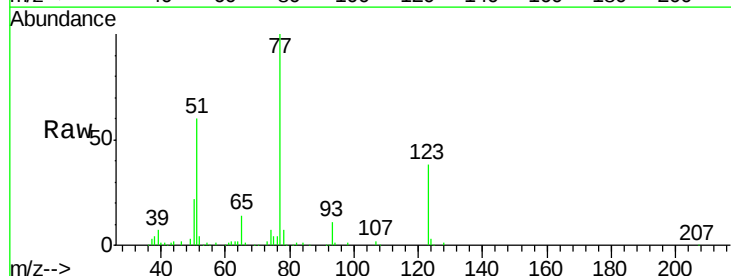
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

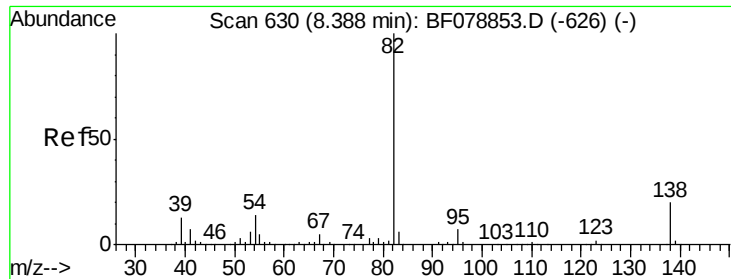
Tot Ion: 82 Resp: 411539
 Ion Ratio Lower Upper
 82 100
 128 36.2 30.0 45.0
 54 56.6 46.4 69.6



#24
 Nitrobenzene
 Concen: 36.65 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

Tgt Ion: 77 Resp: 195209
 Ion Ratio Lower Upper
 77 100
 123 38.0 31.8 47.8
 65 13.6 10.6 15.8





#25

Isophorone

Concen: 40.55 ng

RT: 8.38 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

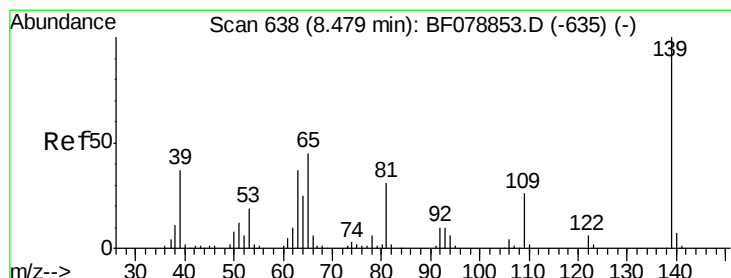
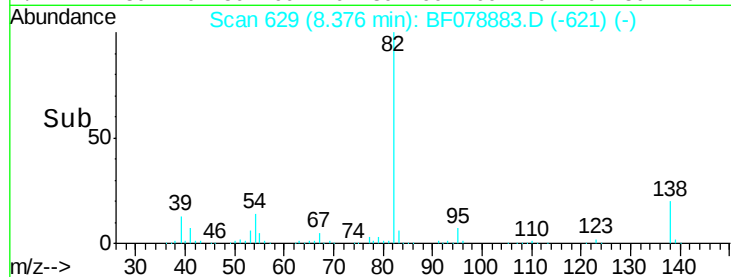
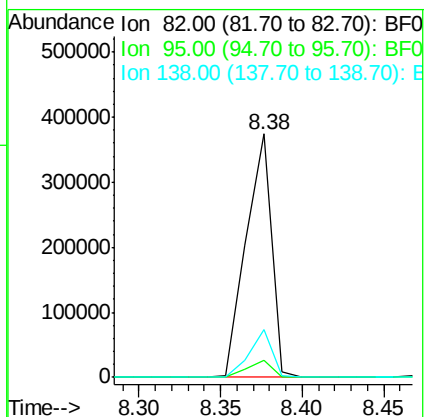
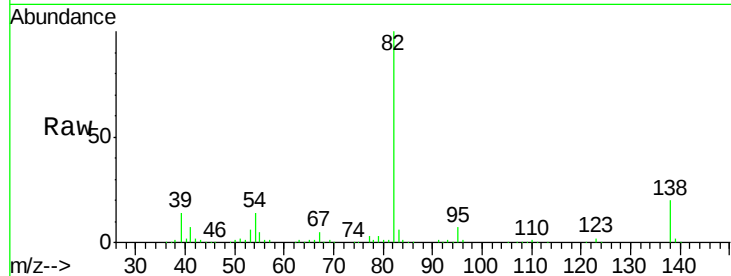
Tot Ion: 82 Resp: 403968

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 19.8 12.0 18.0#



#26

2-Nitrophenol

Concen: 42.64 ng

RT: 8.47 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

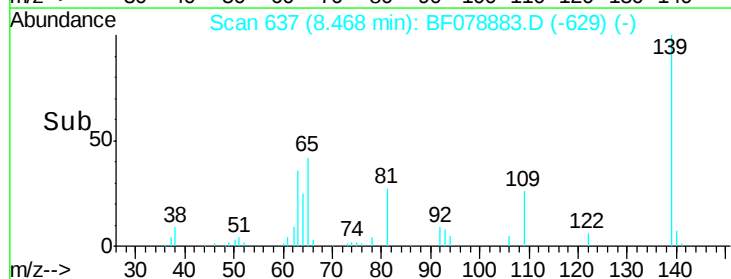
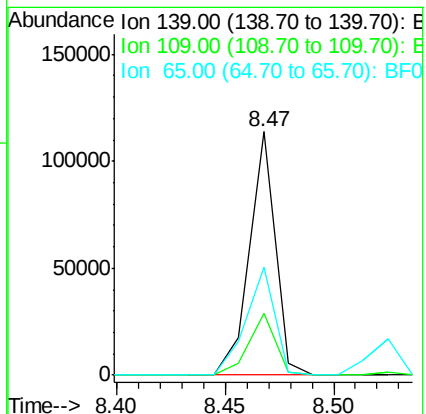
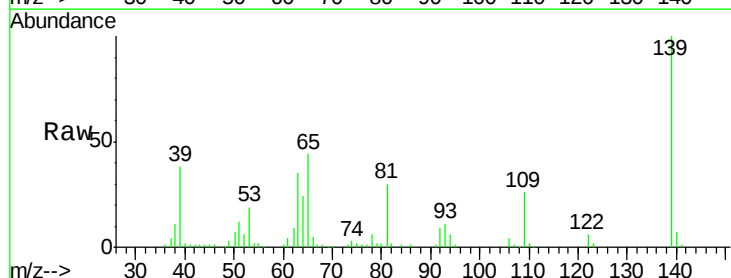
Tgt Ion: 139 Resp: 94015

Ion Ratio Lower Upper

139 100

109 25.5 21.0 31.4

65 44.1 30.5 45.7

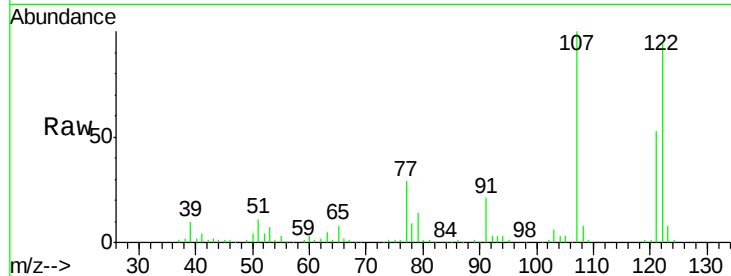




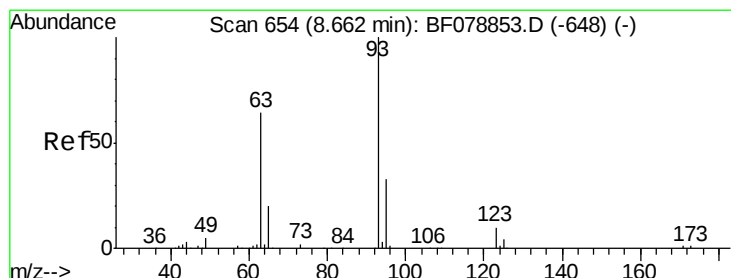
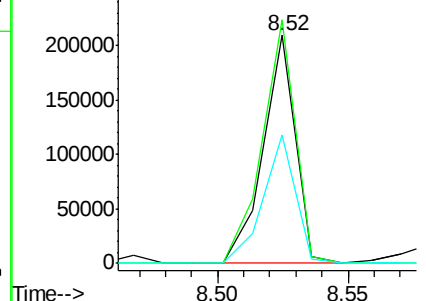
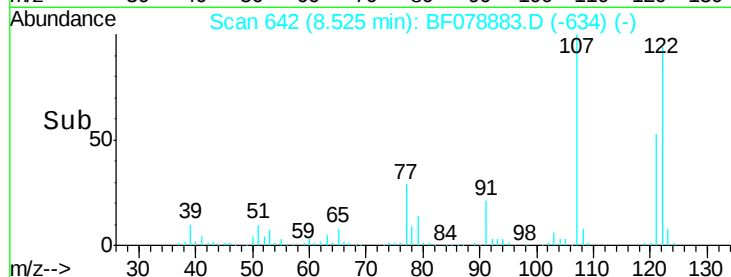
#27
 2,4-Dimethylphenol
 Concen: 41.28 ng
 RT: 8.52 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 182142
 Ion Ratio Lower Upper
 122 100
 107 106.8 90.6 135.8
 121 56.5 45.4 68.2

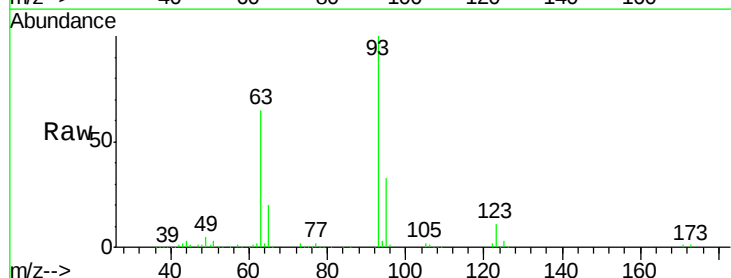


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

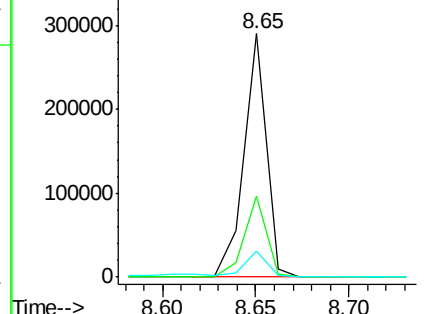
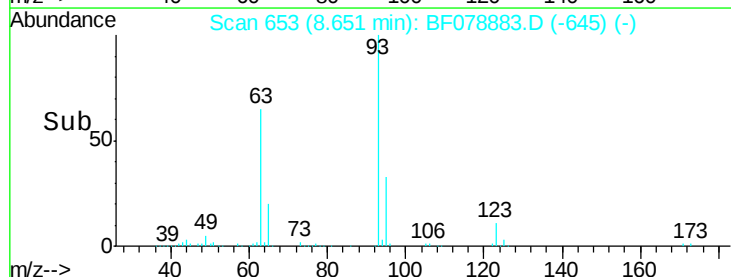


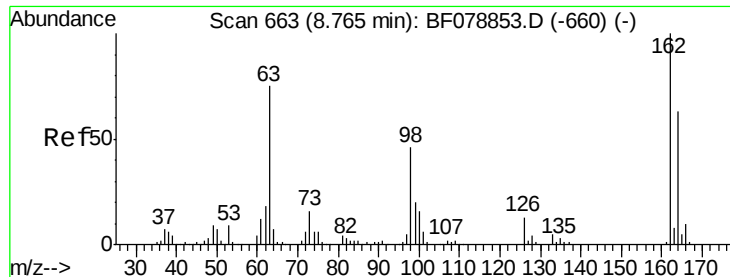
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.72 ng
 RT: 8.65 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

Tgt Ion: 93 Resp: 243957
 Ion Ratio Lower Upper
 93 100
 95 33.4 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

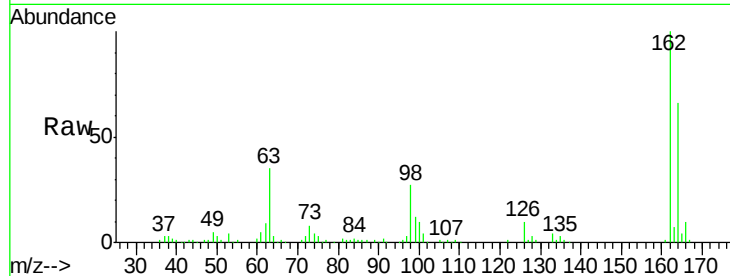




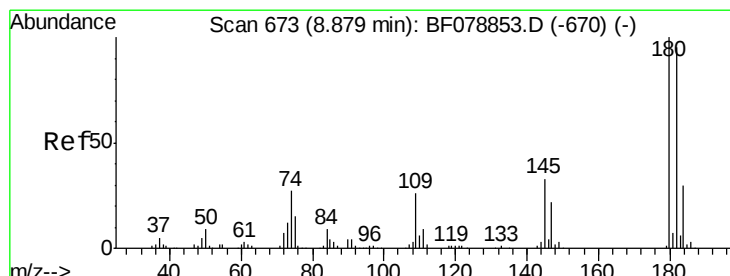
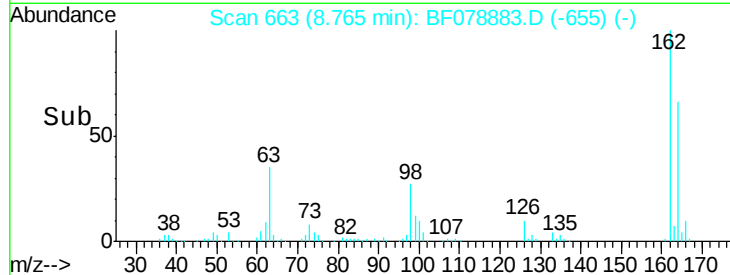
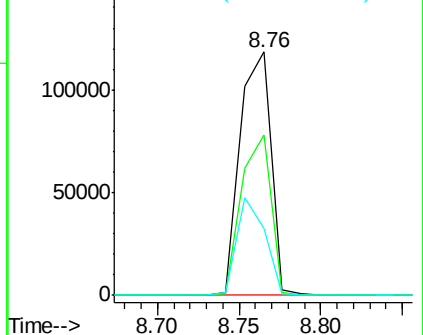
#29
 2,4-Dichlorophenol
 Concen: 39.26 ng
 RT: 8.76 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	43.6	83.6
98	27.3	16.5	56.5

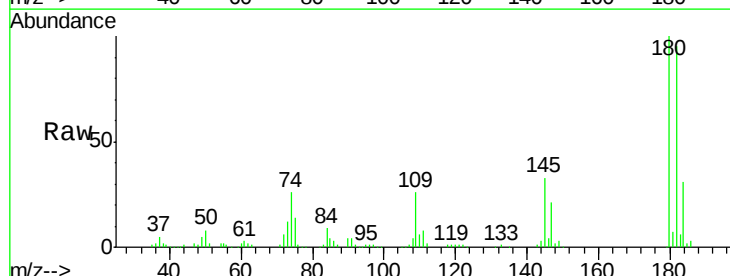


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

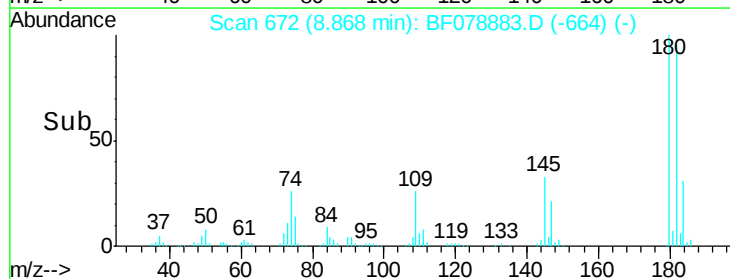
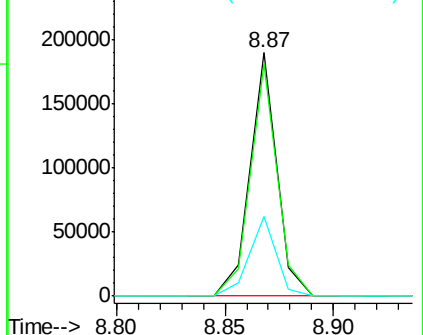


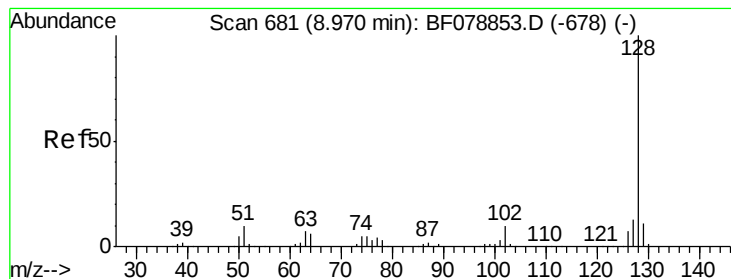
#30
 1,2,4-Trichlorobenzene
 Concen: 37.53 ng
 RT: 8.87 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	78.9	118.3
145	32.6	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: 37.48 ng

RT: 8.96 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

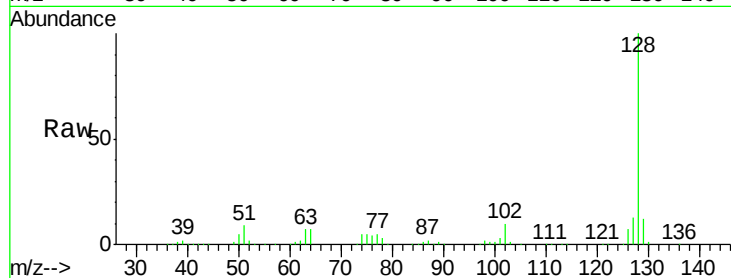
Tot Ion:128 Resp: 551666

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

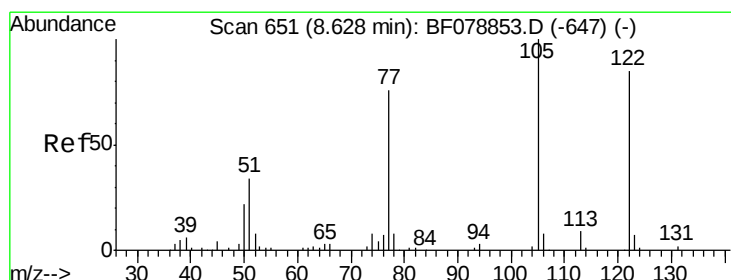
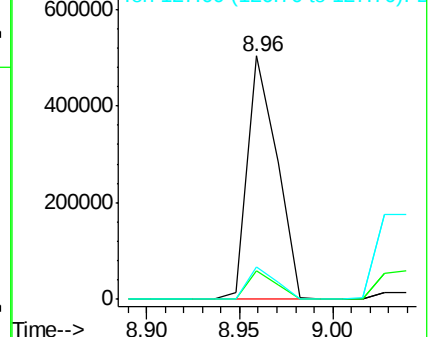
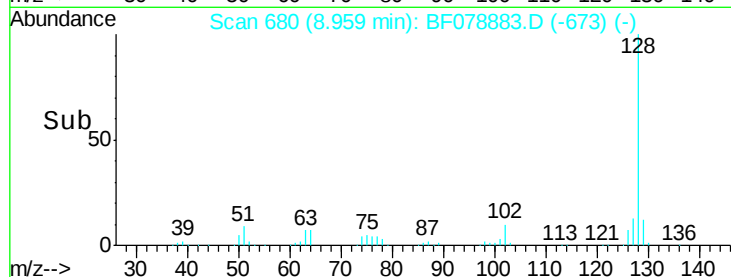
127 13.3 10.7 16.1



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: 40.26 ng

RT: 8.62 min Scan# 650

Delta R.T. -0.04 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

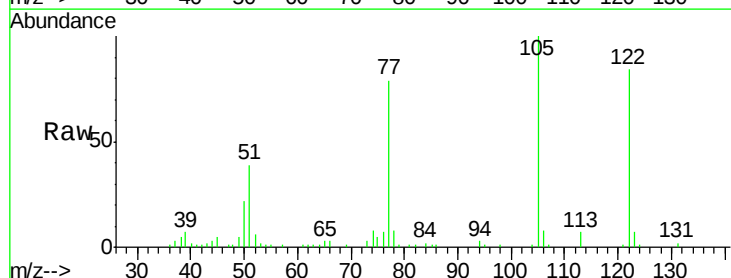
Tgt Ion:122 Resp: 108023

Ion Ratio Lower Upper

122 100

105 119.1 107.1 147.1

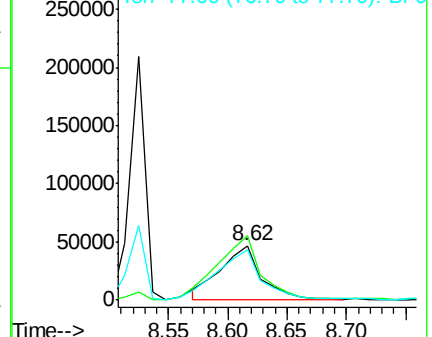
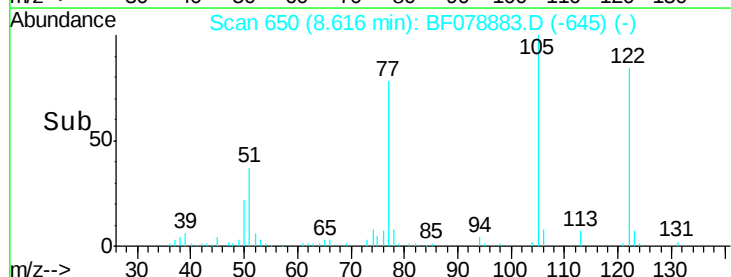
77 93.5 73.9 113.9

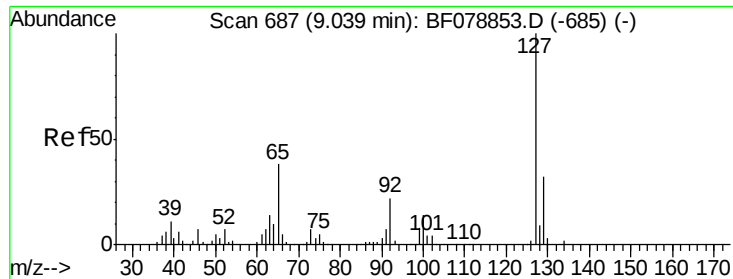


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

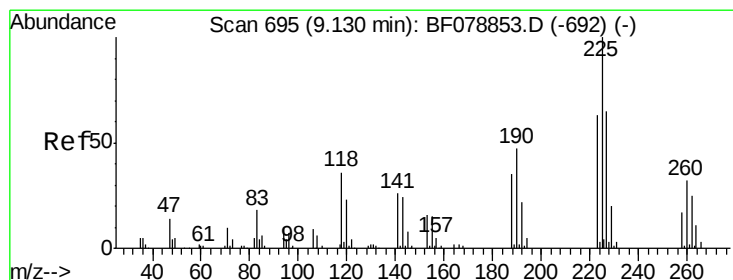
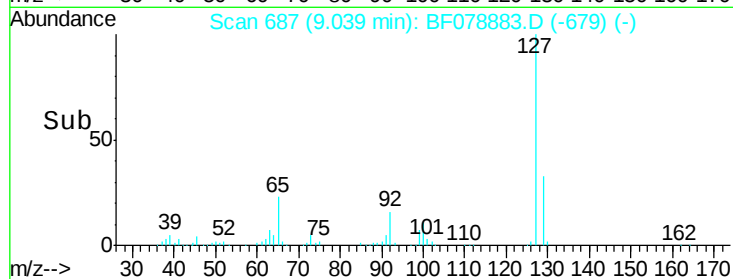
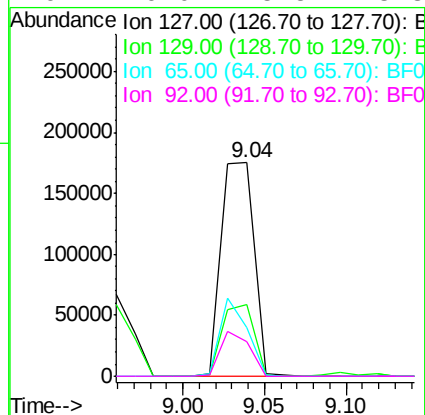
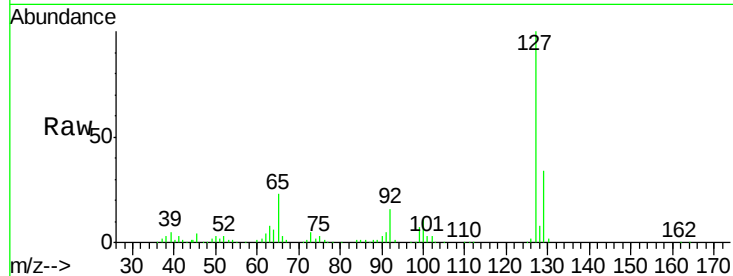




#33
4-Chloroaniline
Concen: 39.22 ng
RT: 9.04 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

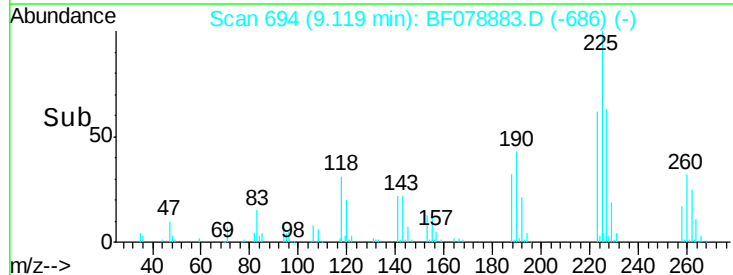
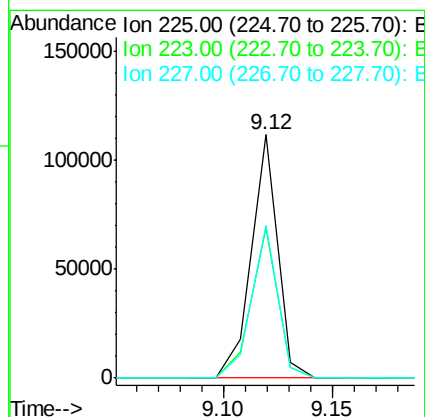
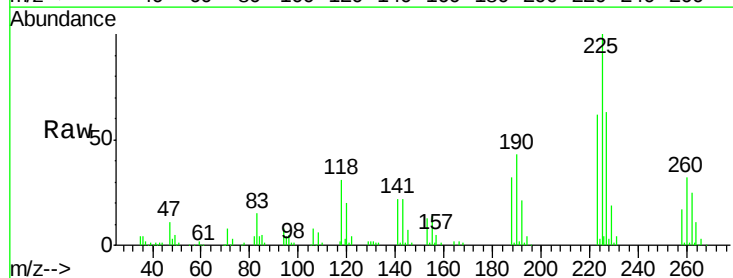
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	244262
Ion	Ratio	Lower	Upper
127	100		
129	33.8	25.8	38.8
65	22.5	25.8	38.6
92	16.0	15.5	23.3



#34
Hexachlorobutadiene
Concen: 37.90 ng
RT: 9.12 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

Tgt Ion:	225	Resp:	94050
Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.2	72.4
227	62.7	51.4	77.0

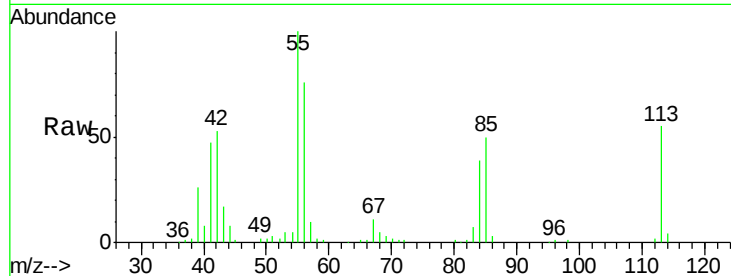




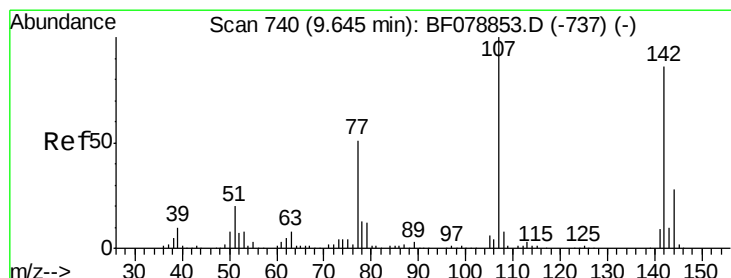
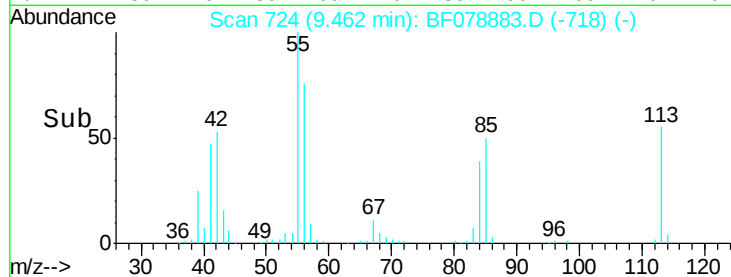
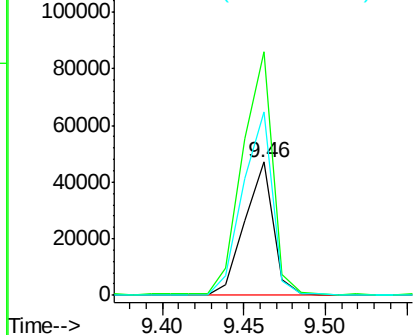
#35
Caprolactam
Concen: 44.85 ng
RT: 9.46 min Scan# 724
Delta R.T. -0.03 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 56895
Ion Ratio Lower Upper
113 100
55 182.4 169.7 209.7
56 137.9 122.5 162.5

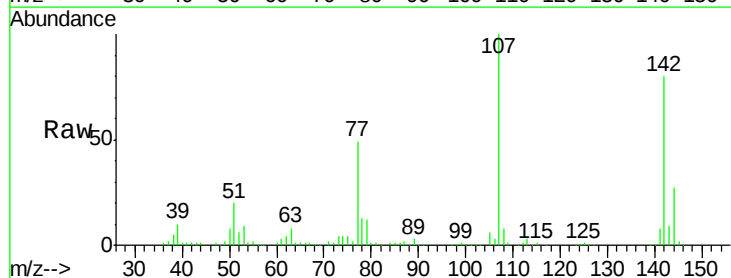


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

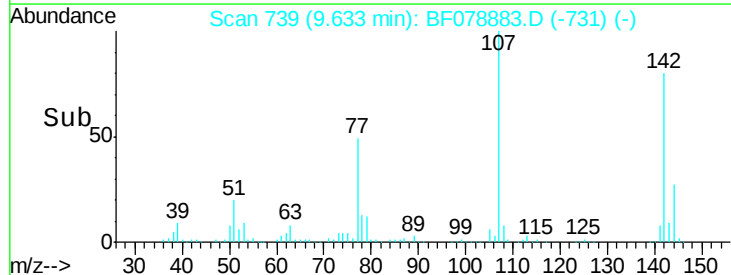
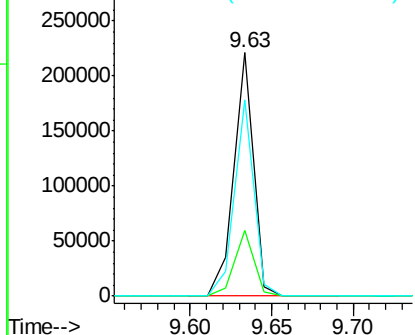


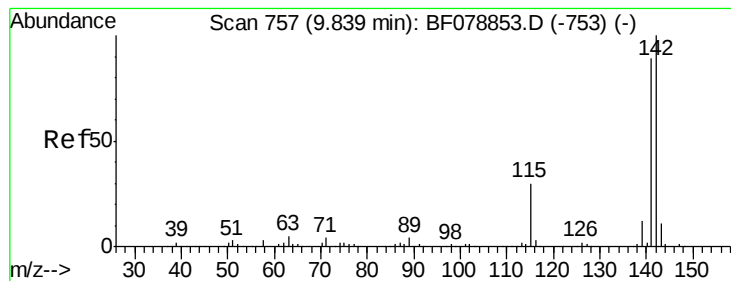
#36
4-Chloro-3-methylphenol
Concen: 44.50 ng
RT: 9.63 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

Tgt Ion:107 Resp: 183374
Ion Ratio Lower Upper
107 100
144 26.8 19.8 29.6
142 80.5 60.6 91.0



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





#37

2-Methylnaphthalene

Concen: 38.54 ng

RT: 9.83 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

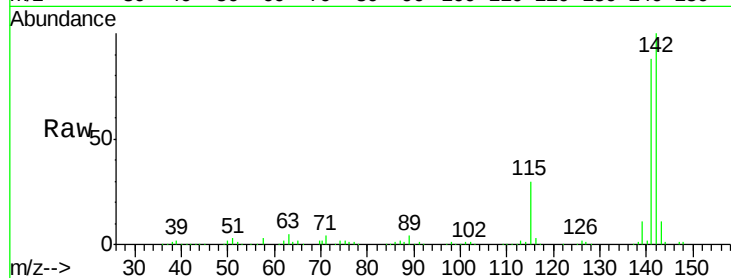
Tot Ion:142 Resp: 393000

Ion Ratio Lower Upper

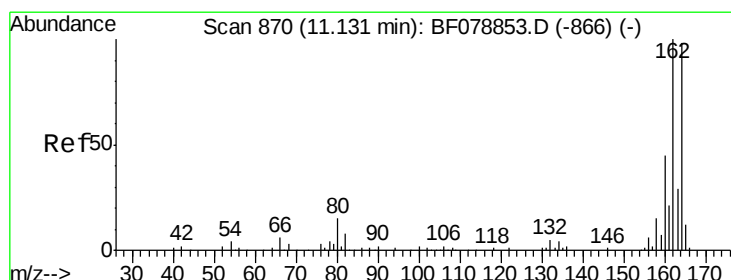
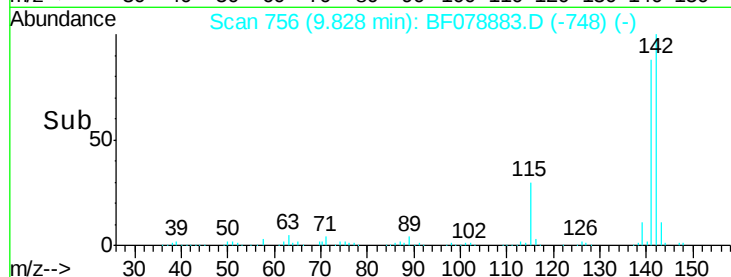
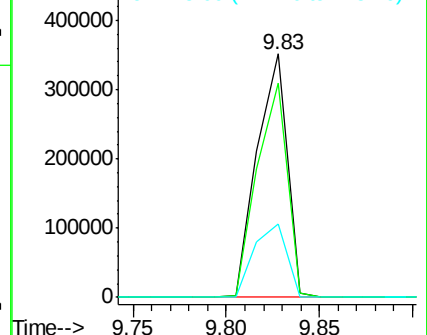
142 100

141 88.1 70.9 106.3

115 30.3 28.5 42.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

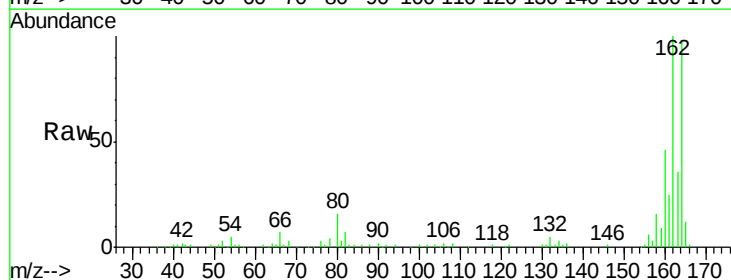
Tgt Ion:164 Resp: 155076

Ion Ratio Lower Upper

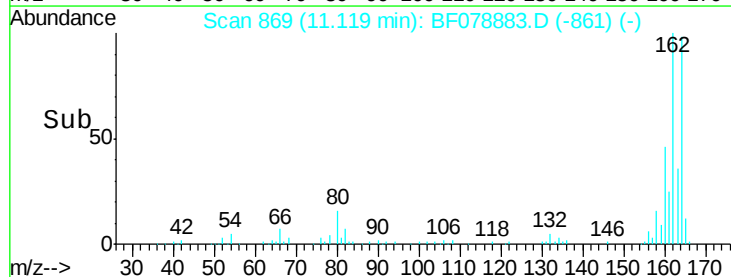
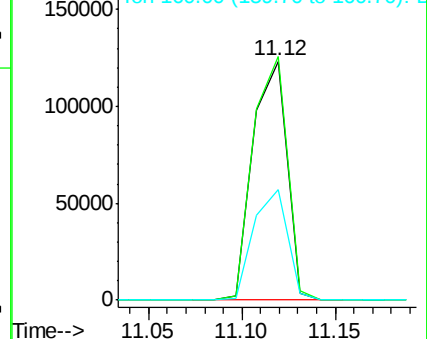
164 100

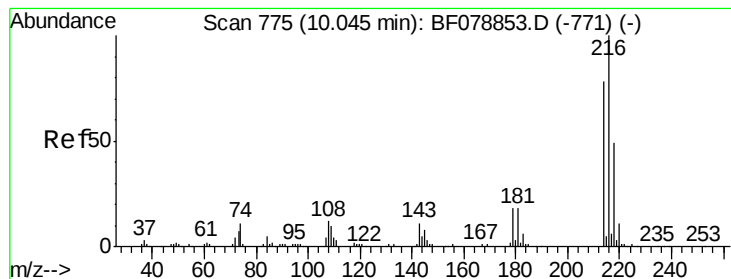
162 102.0 82.7 124.1

160 46.5 35.8 53.8



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.04 ng

RT: 10.03 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 161765

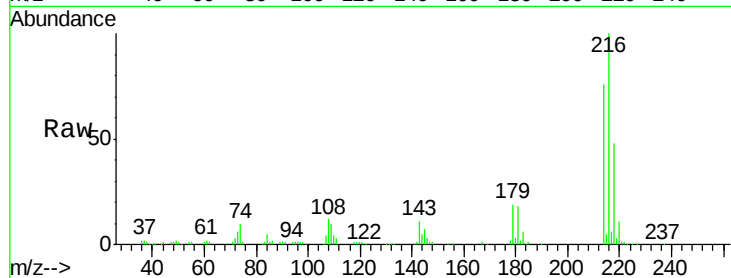
Ion Ratio Lower Upper

216 100

214 78.1 0.0 0.0#

179 22.1 0.0 0.0#

108 21.6 0.0 0.0#

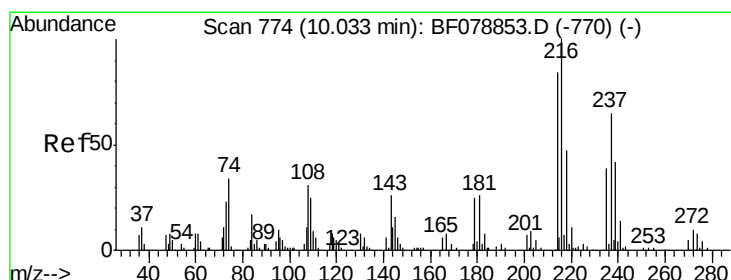
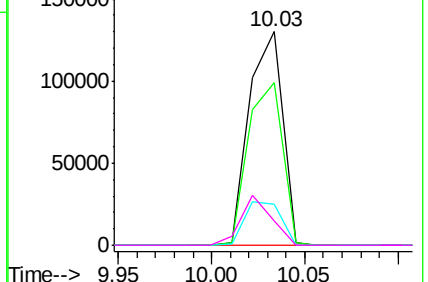
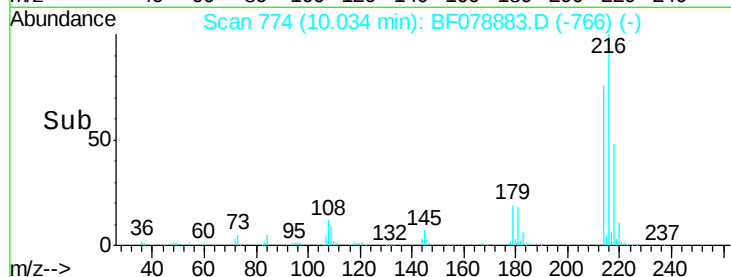


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.90 ng

RT: 10.01 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

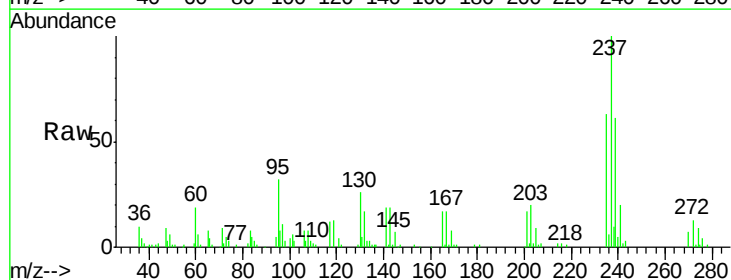
Tgt Ion:237 Resp: 83240

Ion Ratio Lower Upper

237 100

235 63.1 44.7 84.7

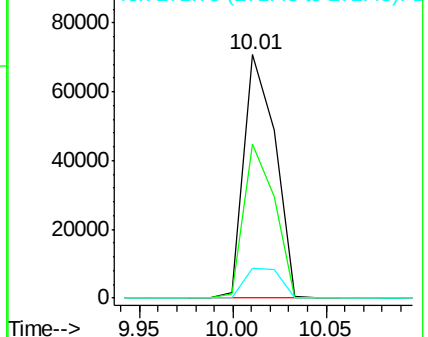
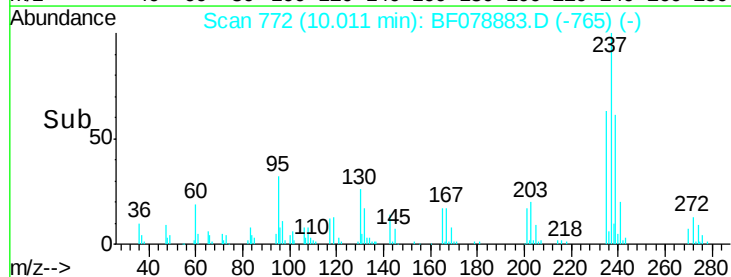
272 12.5 0.0 32.6



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

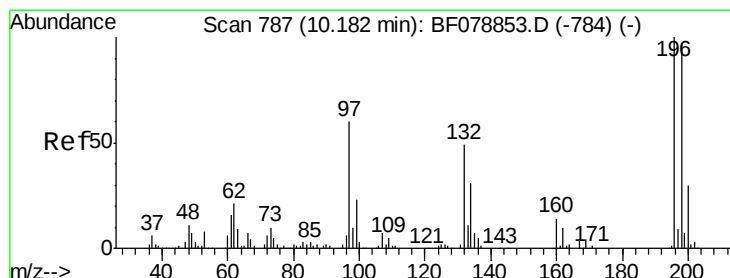
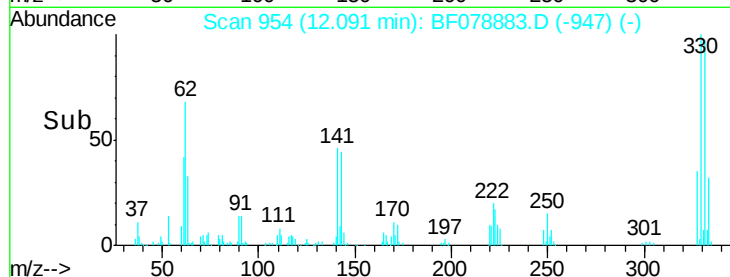
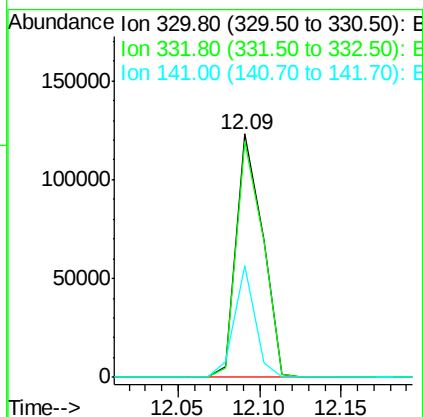
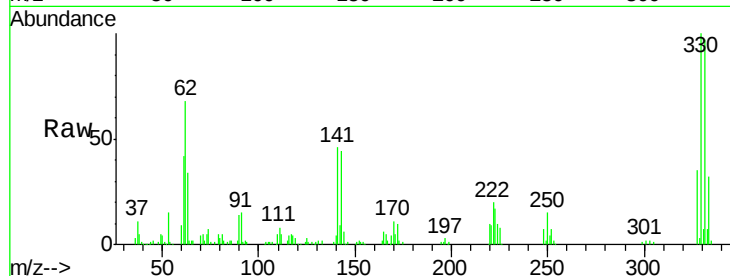




#41
 2,4,6-Tribromophenol
 Concen: 81.70 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.02 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

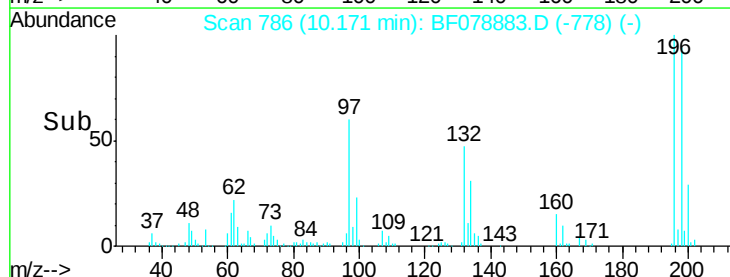
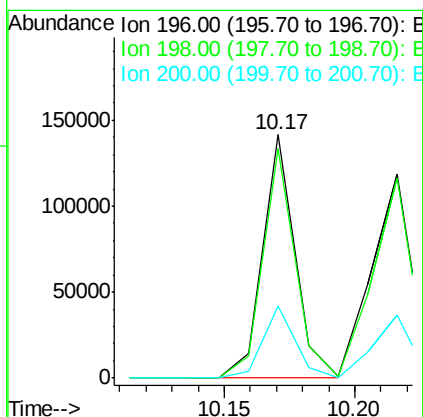
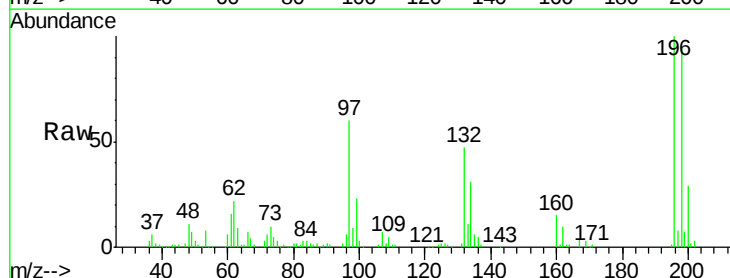
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	35.8	0.0	0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 40.05 ng
 RT: 10.17 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	80.5	120.7
200	29.5	24.9	37.3

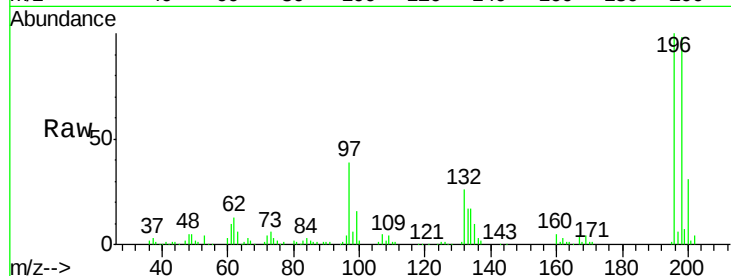




#43
 2,4,5-Trichlorophenol
 Concen: 40.53 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.8	79.8	119.6
97	39.2	46.0	69.0#
132	25.5	26.6	40.0#



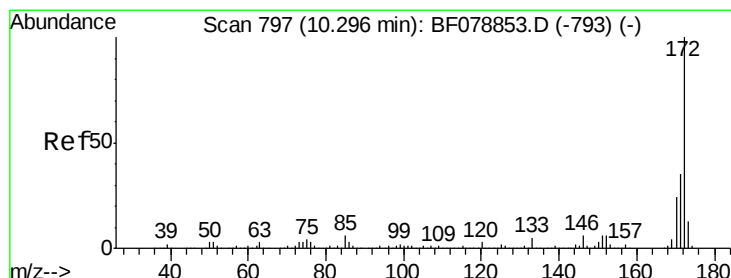
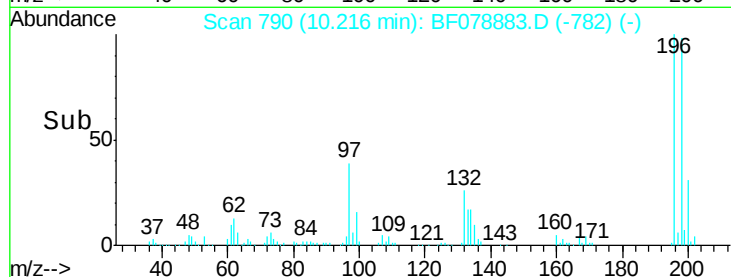
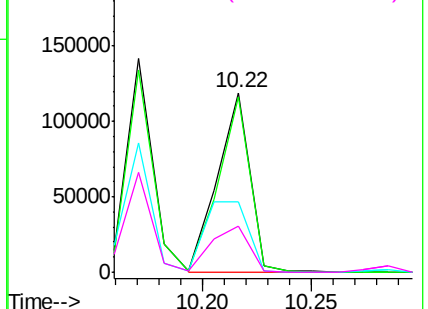
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

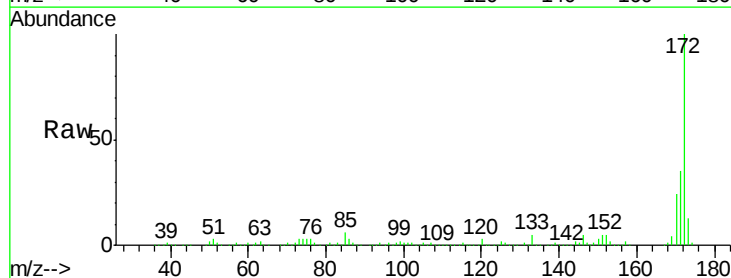
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.22 ng
 RT: 10.28 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	23.9	19.4	29.0

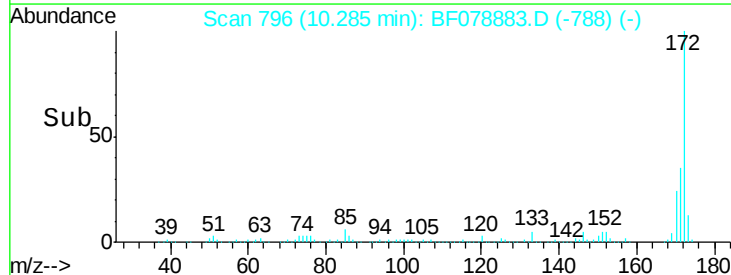
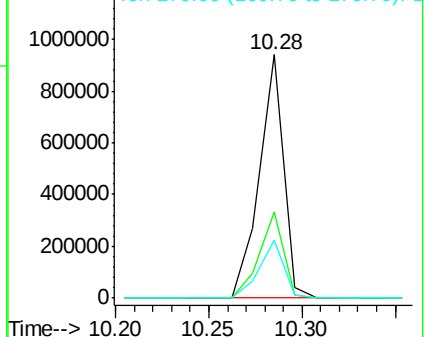


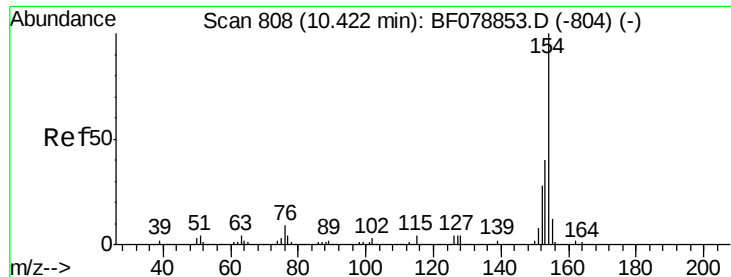
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

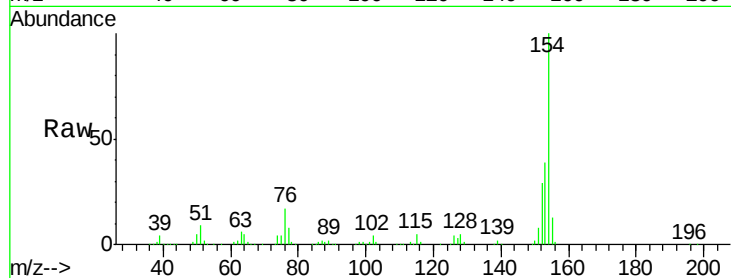




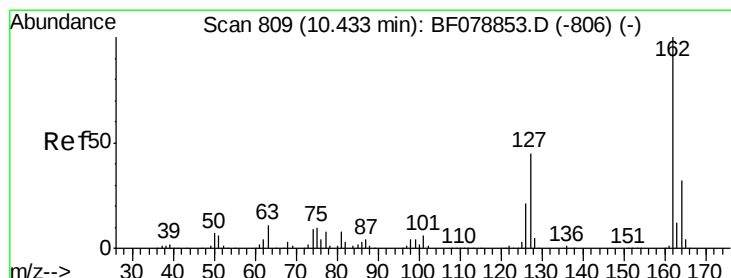
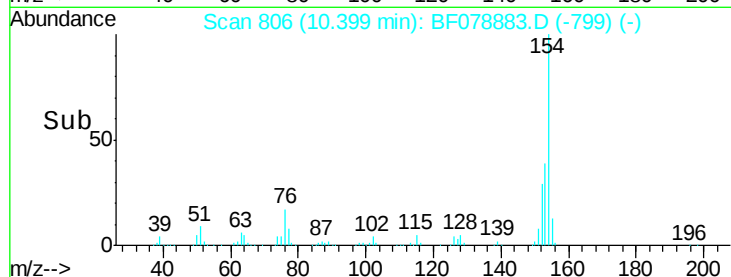
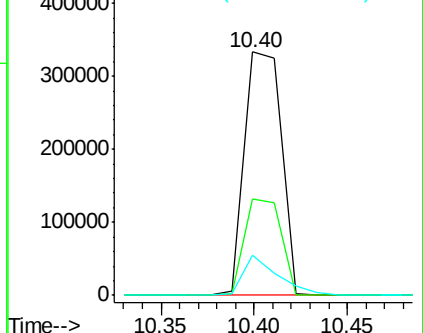
#45
 1,1'-Biphenyl
 Concen: 37.13 ng
 RT: 10.40 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 457805
 Ion Ratio Lower Upper
 154 100
 153 39.4 19.9 59.9
 76 16.6 0.0 35.0

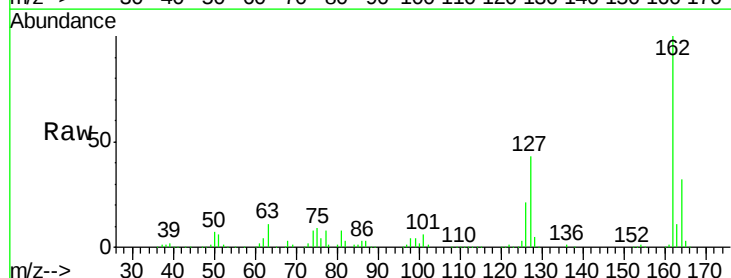


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

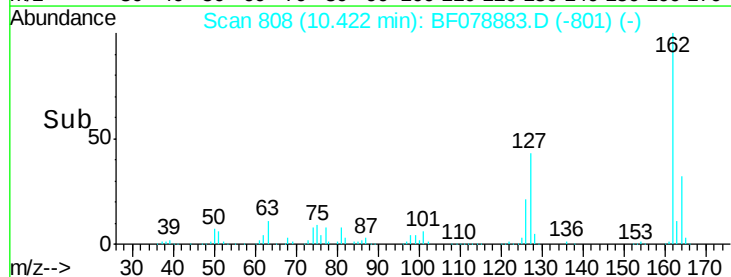
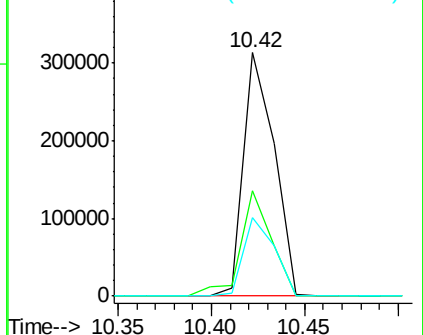


#46
 2-Chloronaphthalene
 Concen: 37.17 ng
 RT: 10.42 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

Tgt Ion:162 Resp: 357460
 Ion Ratio Lower Upper
 162 100
 127 43.3 33.9 50.9
 164 32.4 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

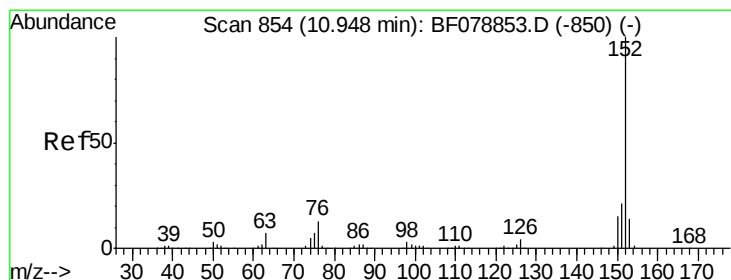
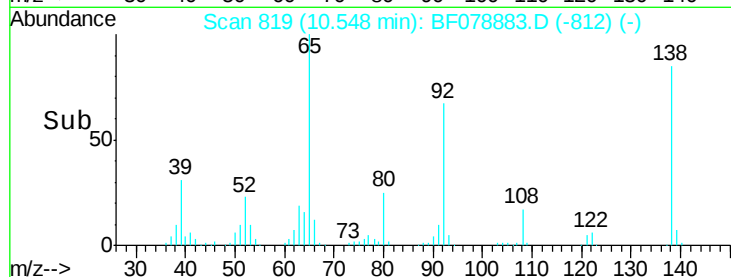
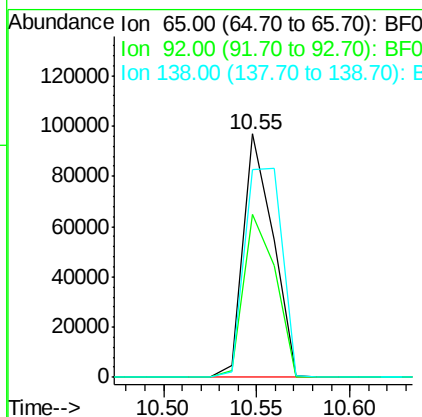
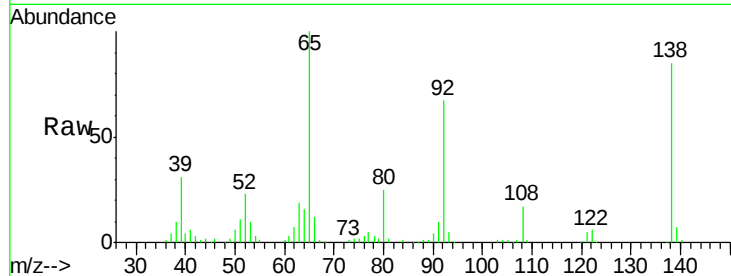




#47
2-Nitroaniline
Concen: 38.62 ng
RT: 10.55 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

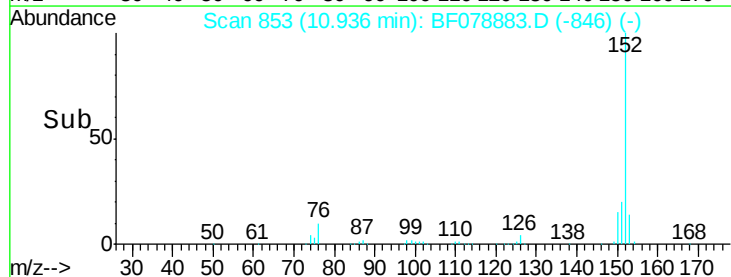
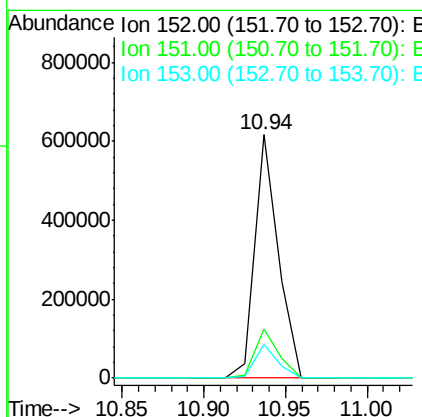
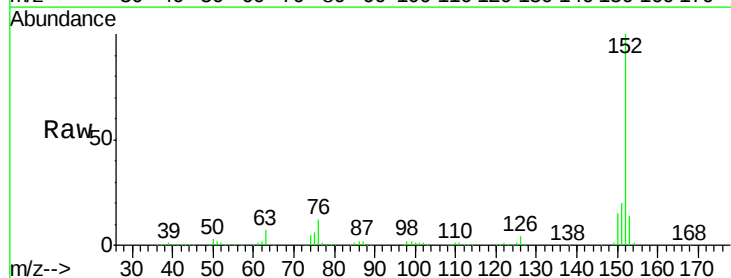
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

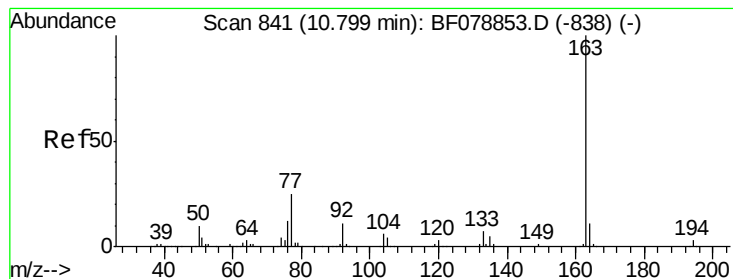
Tot Ion: 65 Resp: 107597
Ion Ratio Lower Upper
65 100
92 66.7 54.0 81.0
138 85.4 75.0 112.6



#48
Acenaphthylene
Concen: 39.05 ng
RT: 10.94 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

Tgt Ion:152 Resp: 616620
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.7 10.9 16.3





#49

Dimethylphthalate

Concen: 37.81 ng

RT: 10.79 min Scan# 840

Delta R.T. -0.02 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

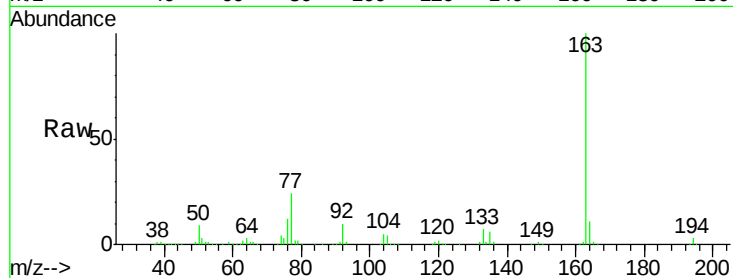
Tot Ion:163 Resp: 430309

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

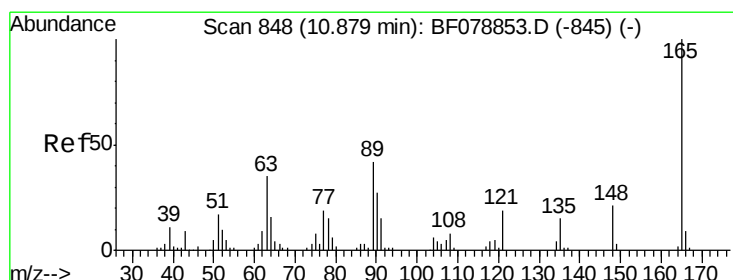
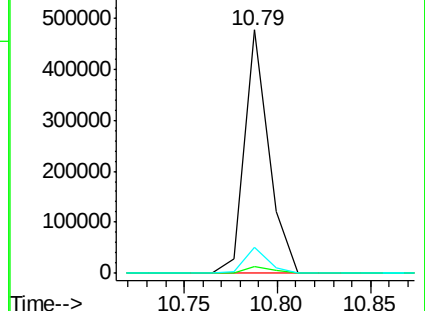
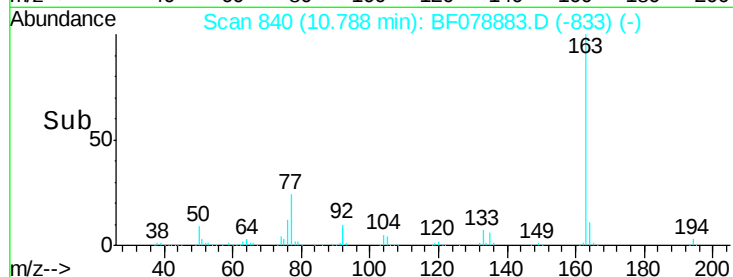
164 10.9 8.1 12.1



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: 38.42 ng

RT: 10.86 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

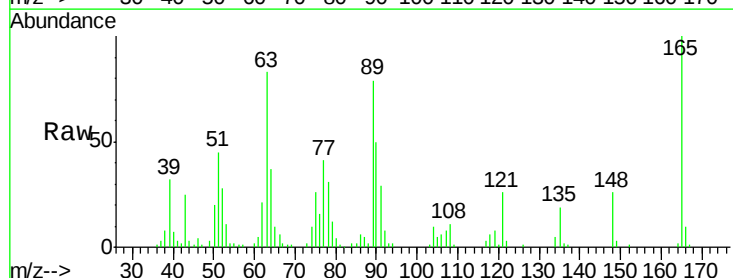
Tgt Ion:165 Resp: 86289

Ion Ratio Lower Upper

165 100

63 83.1 54.4 81.6#

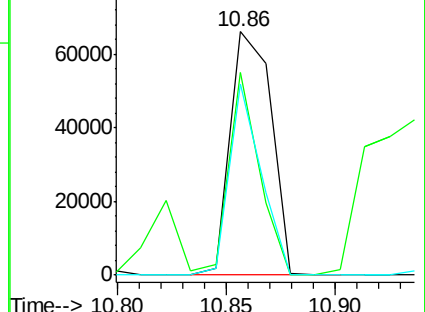
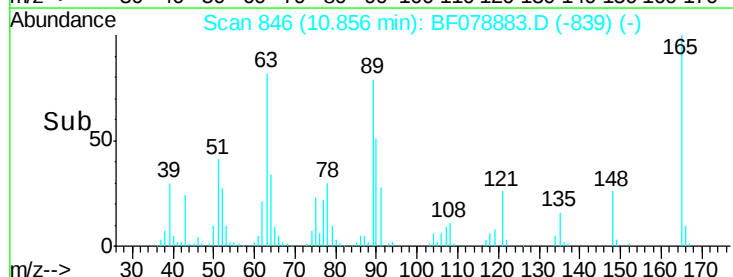
89 78.7 55.7 83.5

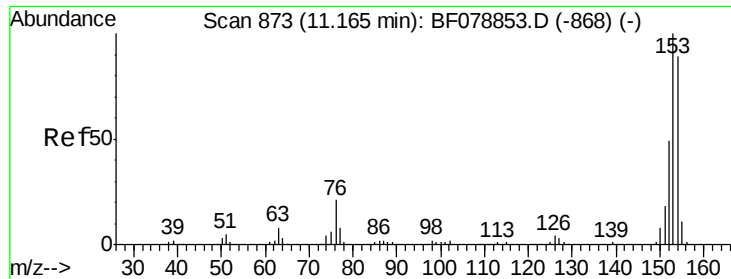


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.78 ng

RT: 11.15 min Scan# 872

Delta R.T. -0.02 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

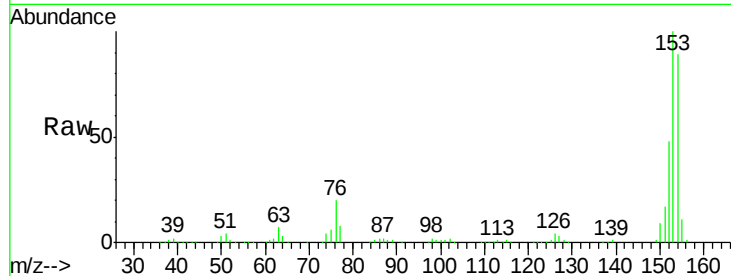
Tot Ion:154 Resp: 365133

Ion Ratio Lower Upper

154 100

153 112.6 91.5 137.3

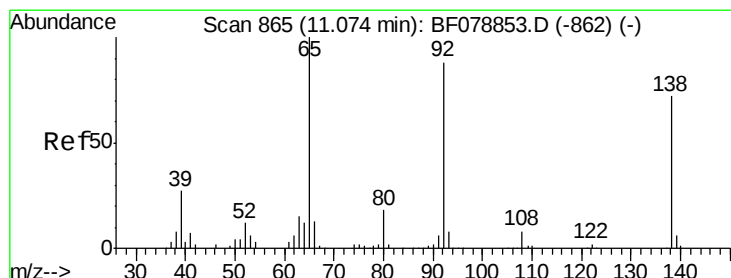
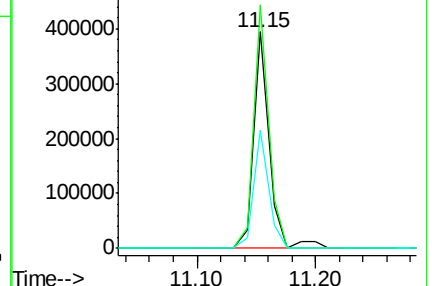
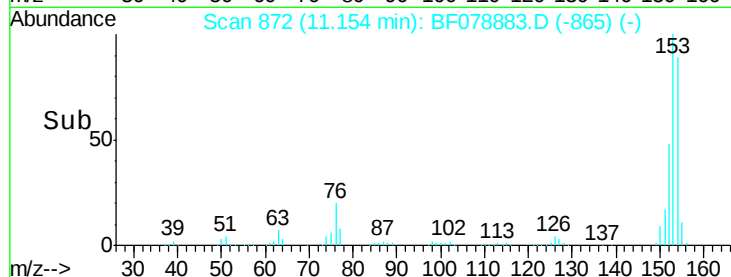
152 54.4 44.2 66.4



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: 41.05 ng

RT: 11.06 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

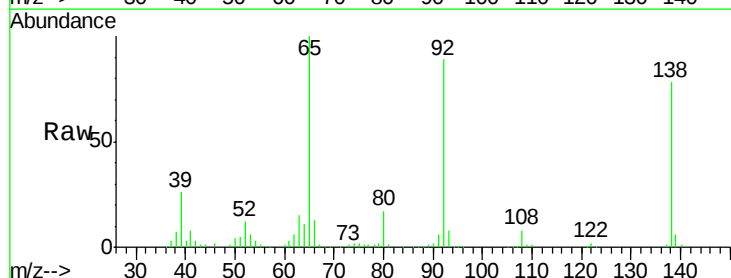
Tgt Ion:138 Resp: 115170

Ion Ratio Lower Upper

138 100

108 9.8 10.6 16.0#

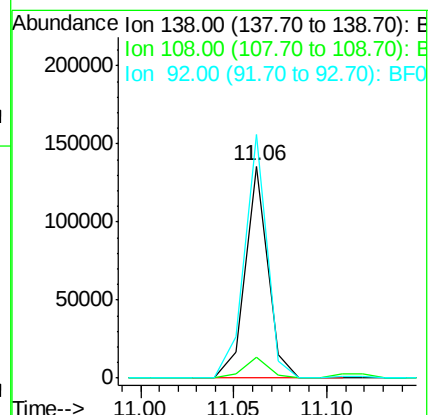
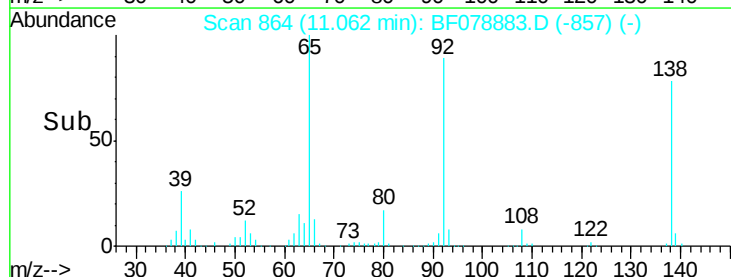
92 114.7 81.8 122.6



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

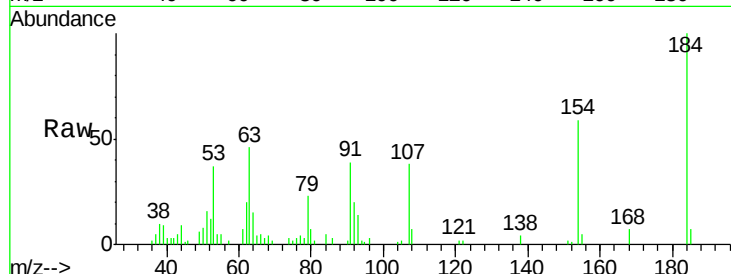




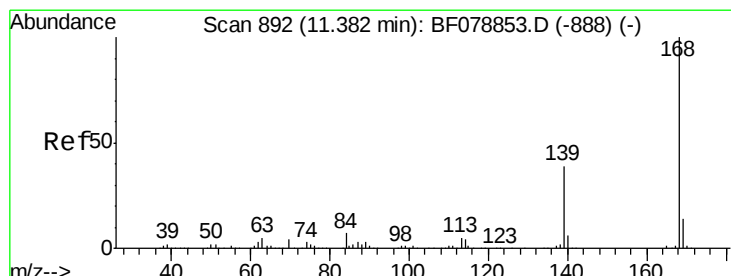
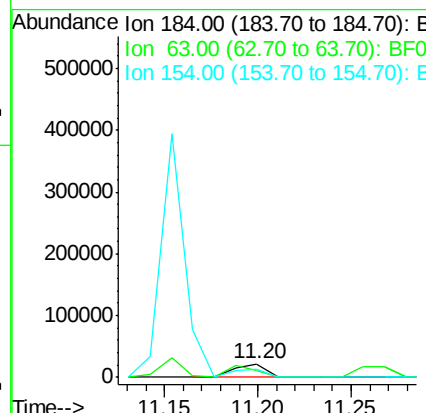
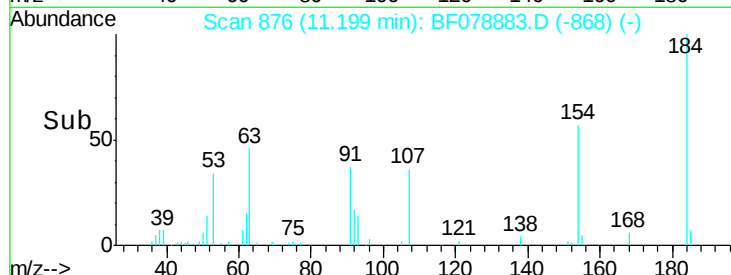
#53
 2,4-Dinitrophenol
 Concen: 42.20 ng
 RT: 11.20 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 26979
 Ion Ratio Lower Upper
 184 100
 63 46.4 63.3 94.9#
 154 59.4 53.8 80.6

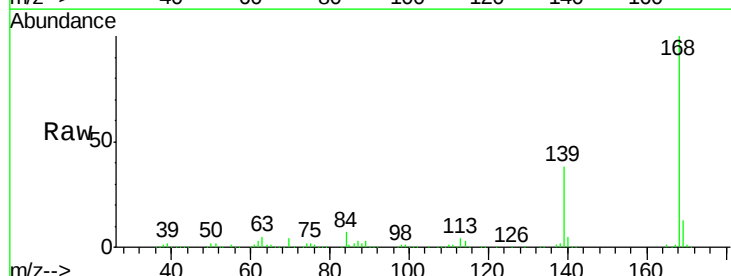


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

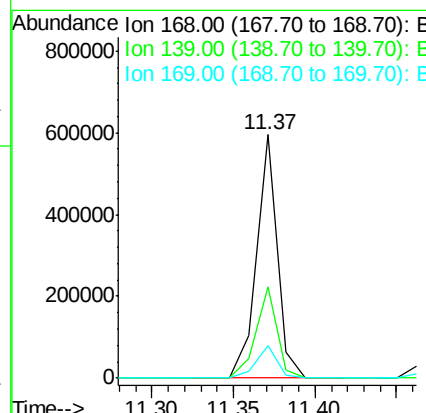
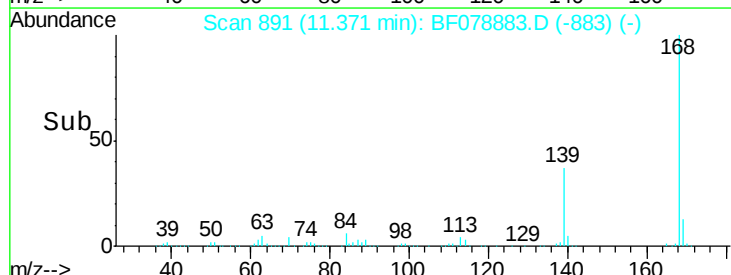


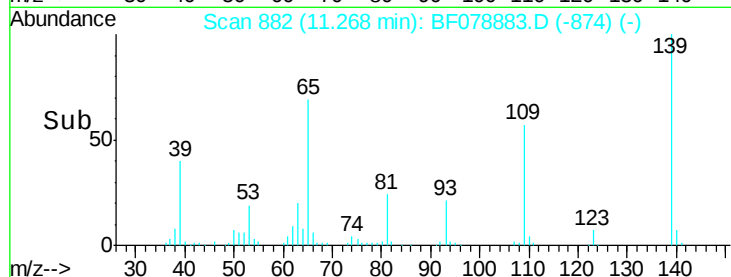
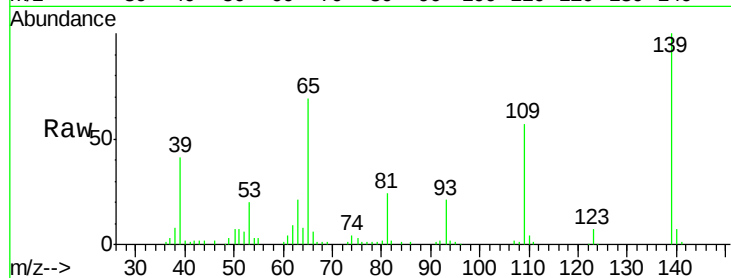
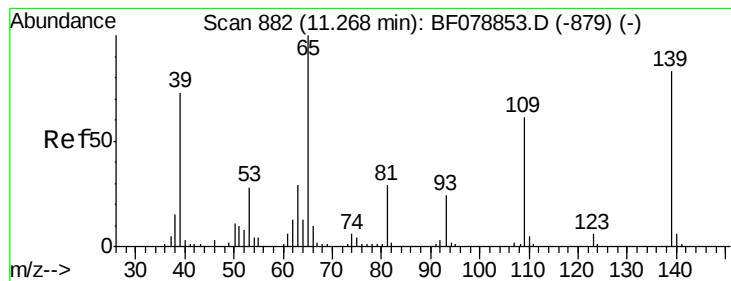
#54
 Dibenzofuran
 Concen: 38.64 ng
 RT: 11.37 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

Tgt Ion:168 Resp: 525481
 Ion Ratio Lower Upper
 168 100
 139 37.5 31.0 46.4
 169 13.5 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: 41.63 ng

RT: 11.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

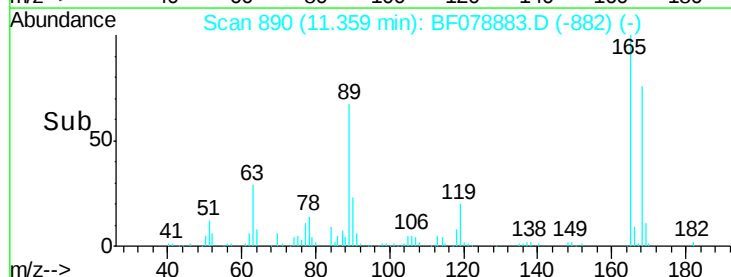
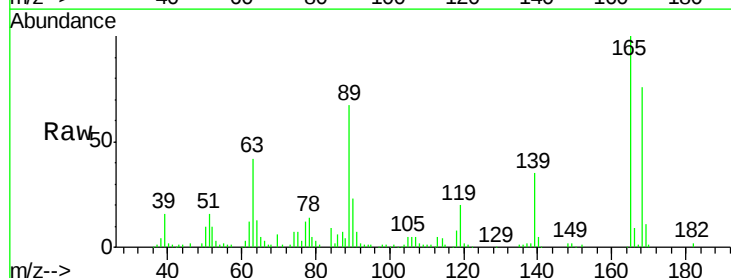
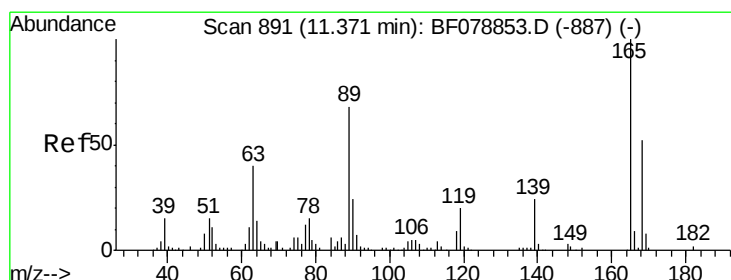
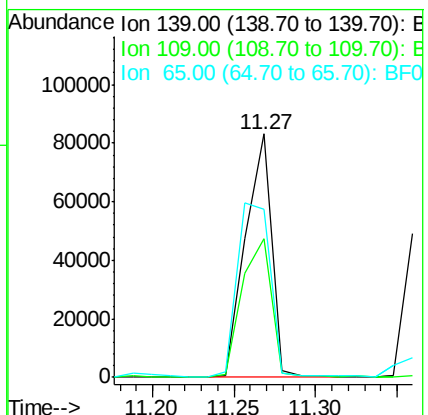
Tot Ion:139 Resp: 92460

Ion Ratio Lower Upper

139 100

109 57.0 47.6 87.6

65 68.8 54.3 94.3



#56

2,4-Dinitrotoluene

Concen: 42.06 ng

RT: 11.36 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

Tgt Ion:165 Resp: 124893

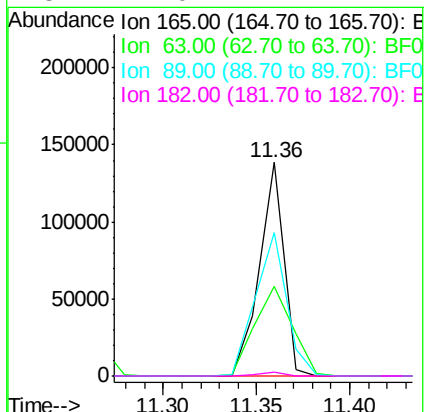
Ion Ratio Lower Upper

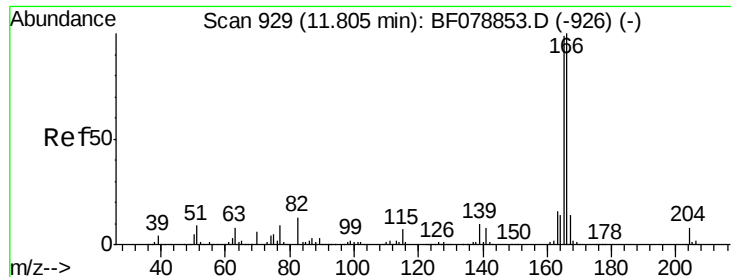
165 100

63 41.8 51.2 76.8#

89 67.3 82.7 124.1#

182 2.0 1.4 2.2

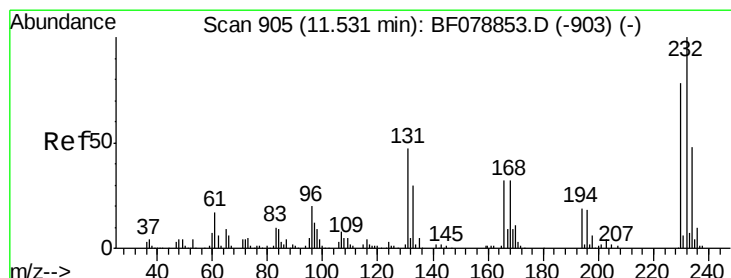
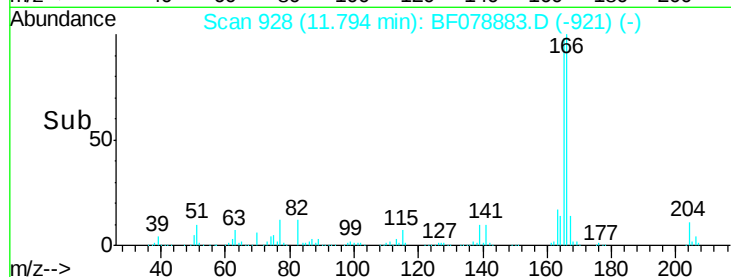
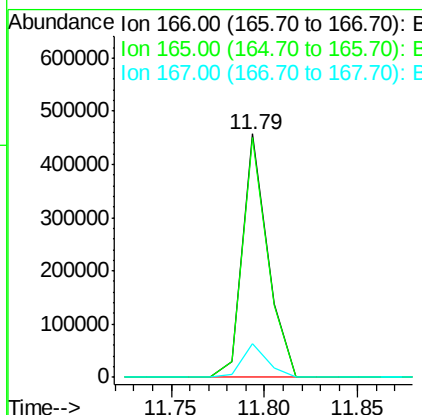
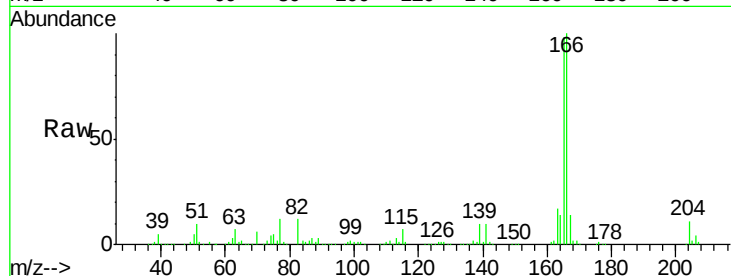




#57
 Fluorene
 Concen: 38.56 ng
 RT: 11.79 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

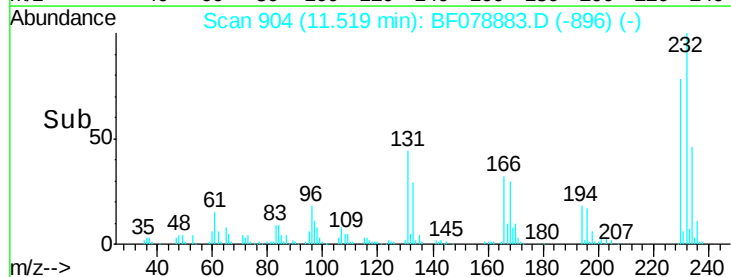
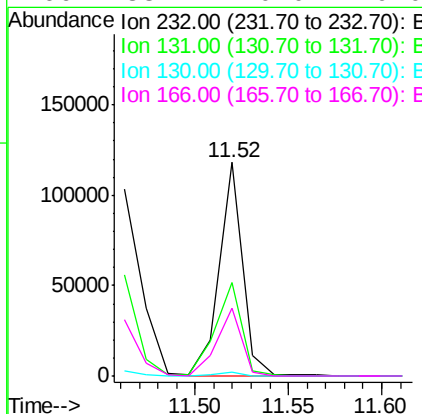
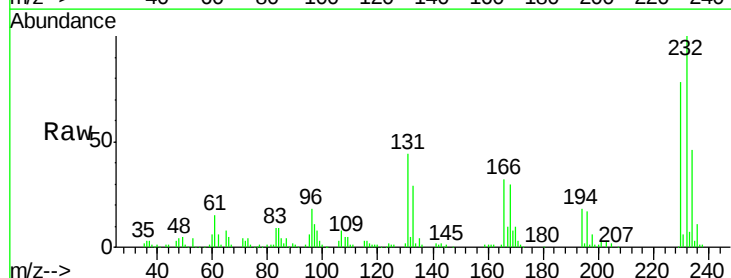
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

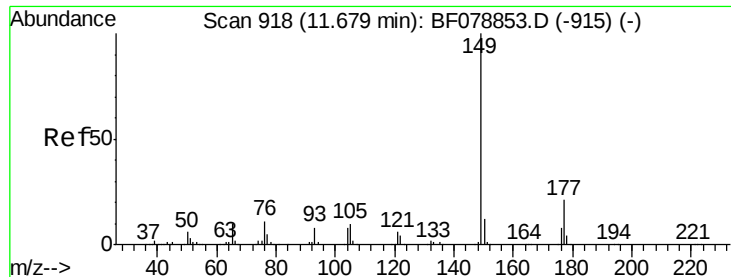
Tot Ion:166 Resp: 430395
 Ion Ratio Lower Upper
 166 100
 165 98.4 78.5 117.7
 167 13.7 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.81 ng
 RT: 11.52 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

Tgt Ion:232 Resp: 103717
 Ion Ratio Lower Upper
 232 100
 131 49.3 0.0 0.0#
 130 2.3 0.0 0.0#
 166 33.7 0.0 0.0#

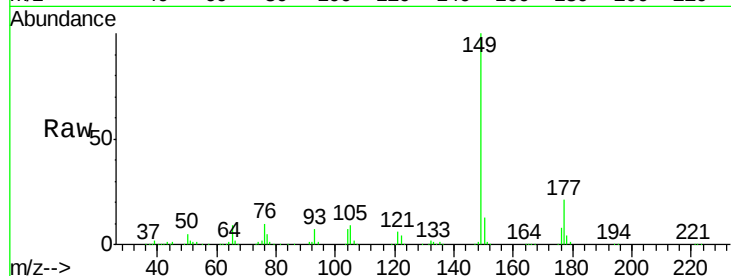




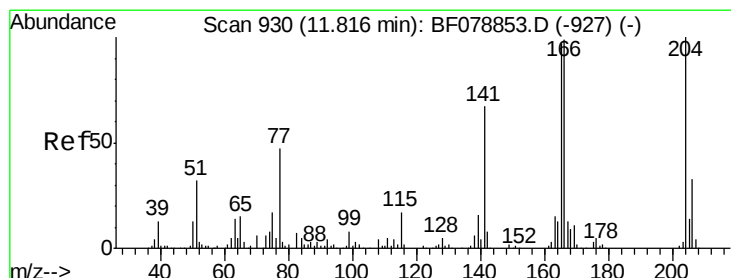
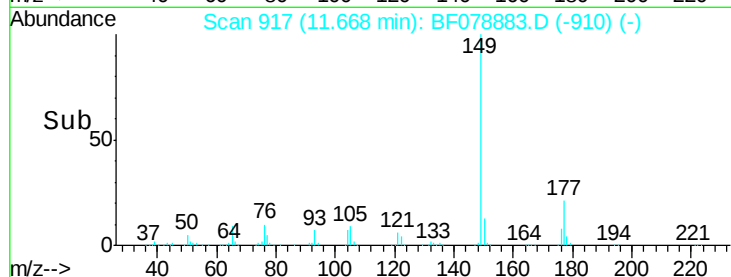
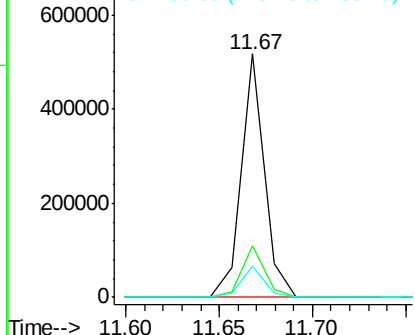
#59
Diethylphthalate
Concen: 39.71 ng
RT: 11.67 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 447752
Ion Ratio Lower Upper
149 100
177 21.3 17.5 26.3
150 12.7 9.6 14.4

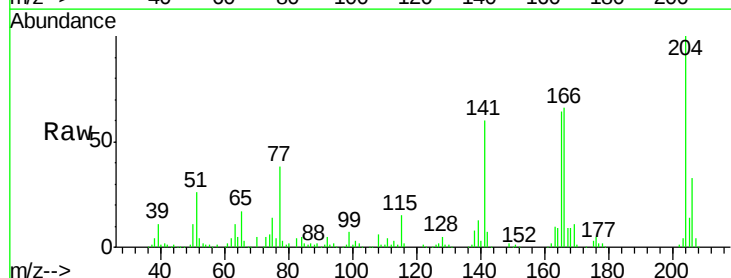


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

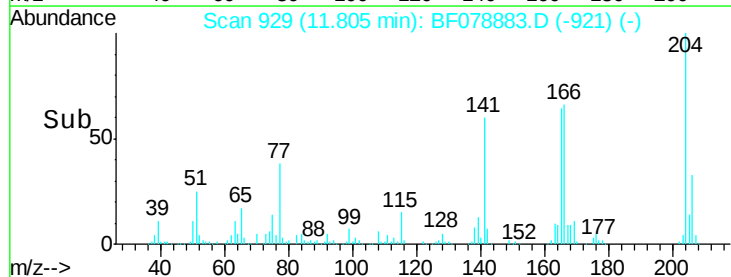
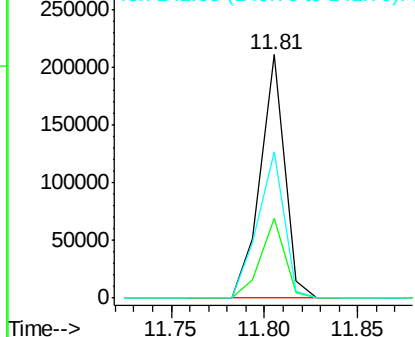


#60
4-Chlorophenyl-phenylether
Concen: 38.55 ng
RT: 11.81 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

Tgt Ion:204 Resp: 190881
Ion Ratio Lower Upper
204 100
206 32.8 26.9 40.3
141 59.9 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

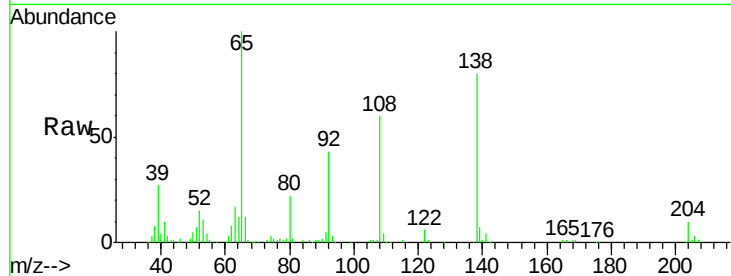




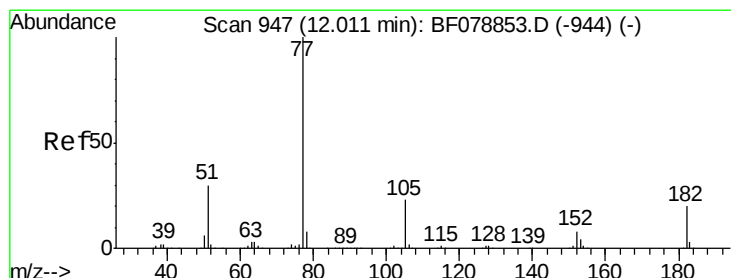
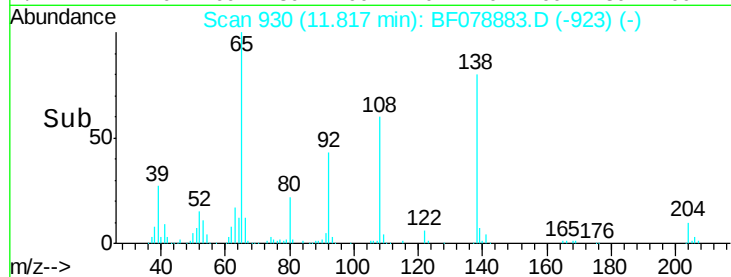
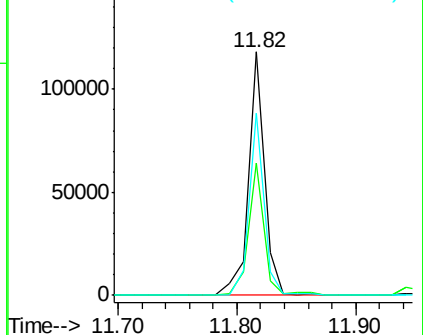
#61
4-Nitroaniline
Concen: 40.08 ng
RT: 11.82 min Scan# 930
Delta R.T. -0.02 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 112506
Ion Ratio Lower Upper
138 100
92 54.2 28.0 68.0
108 74.7 56.3 96.3

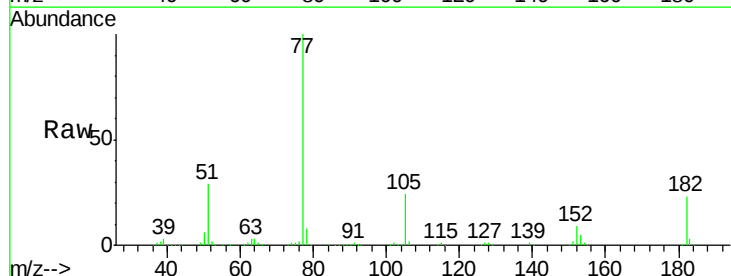


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

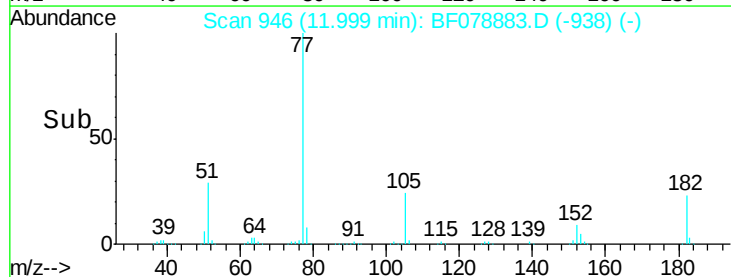
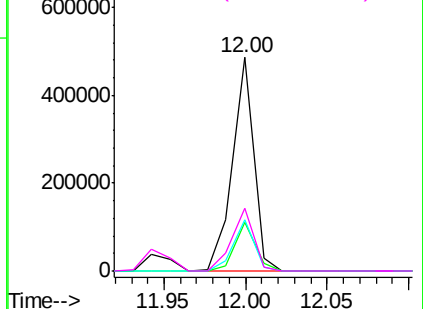


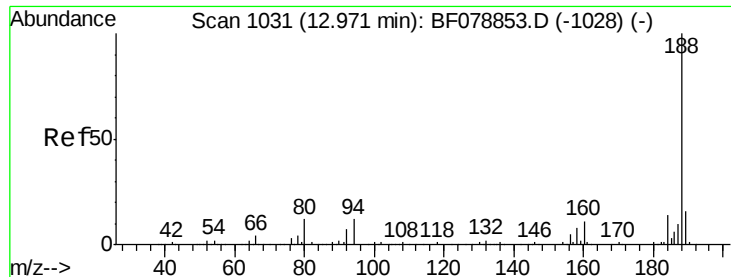
#62
Azobenzene
Concen: 39.26 ng
RT: 12.00 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

Tgt Ion: 77 Resp: 436206
Ion Ratio Lower Upper
77 100
182 22.8 3.8 43.8
105 24.1 3.9 43.9
51 29.3 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

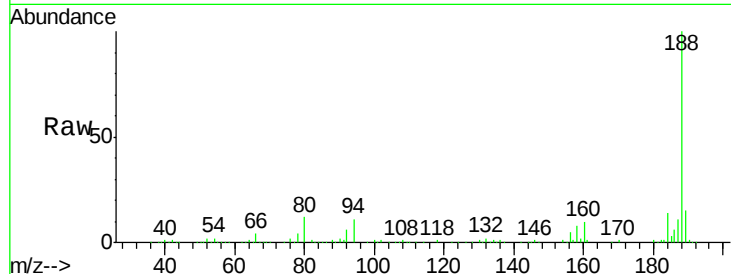




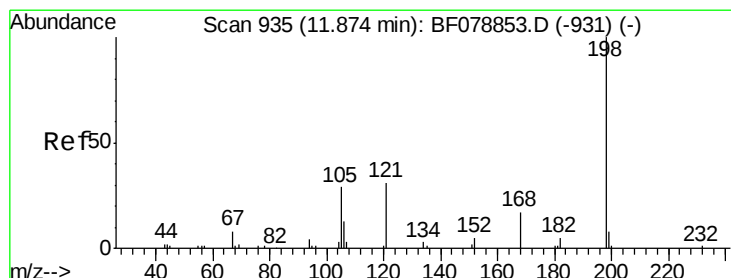
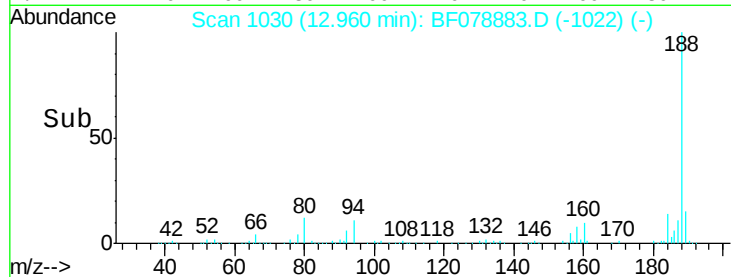
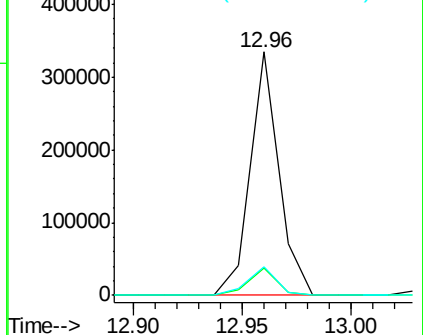
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 306740
Ion Ratio Lower Upper
188 100
94 11.1 8.2 12.2
80 11.7 8.9 13.3

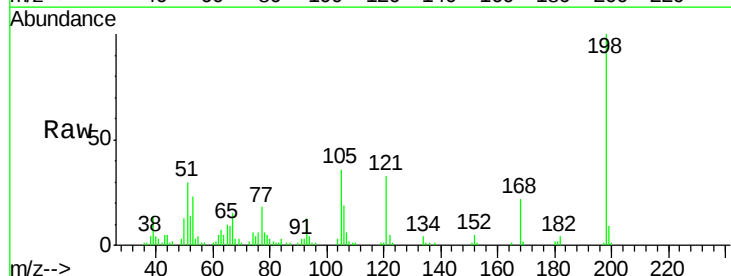


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

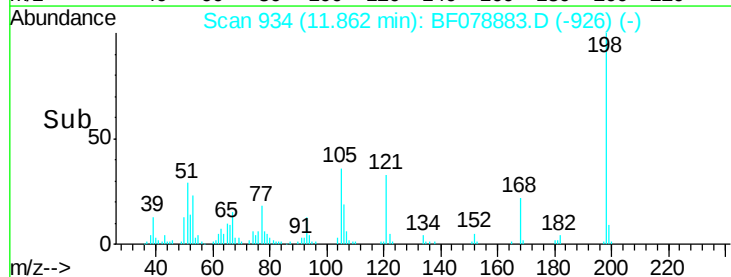
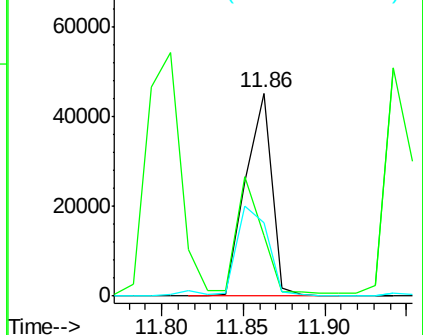


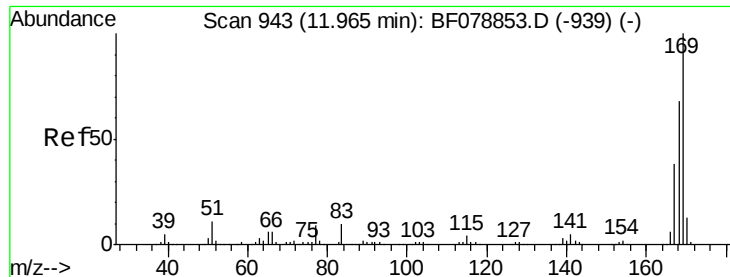
#64
4,6-Dinitro-2-methylphenol
Concen: 41.49 ng
RT: 11.86 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

Tgt Ion:198 Resp: 50115
Ion Ratio Lower Upper
198 100
51 30.1 47.3 87.3#
105 36.0 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

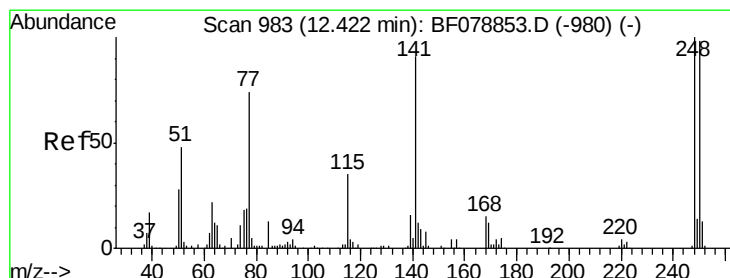
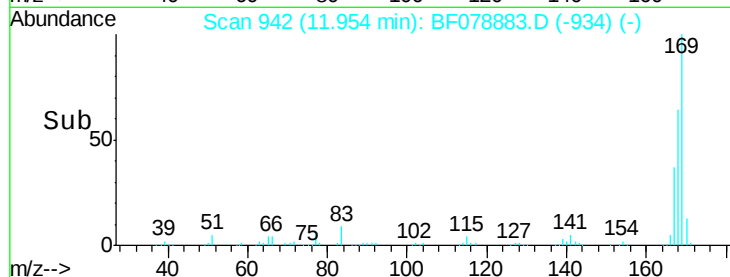
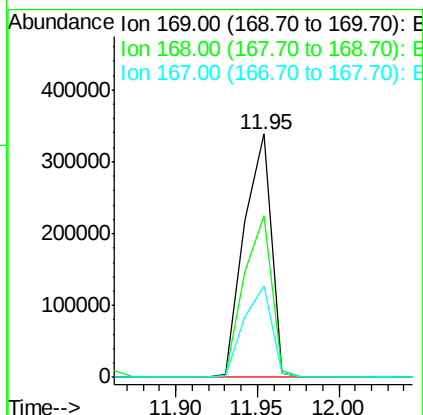
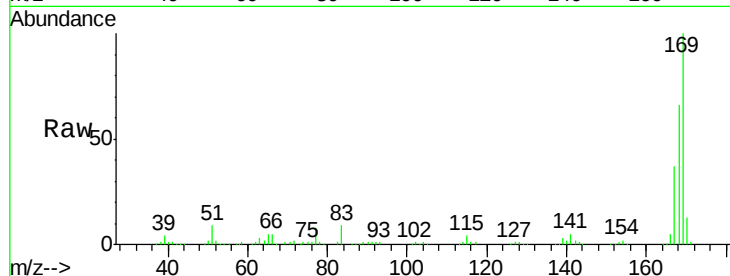




#65
 n-Nitrosodiphenylamine
 Concen: 38.15 ng
 RT: 11.95 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

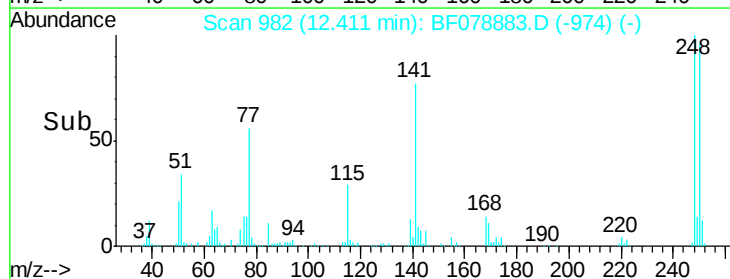
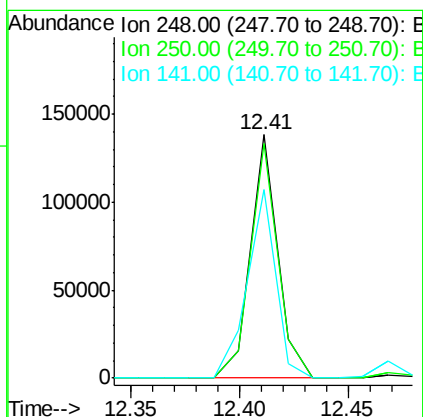
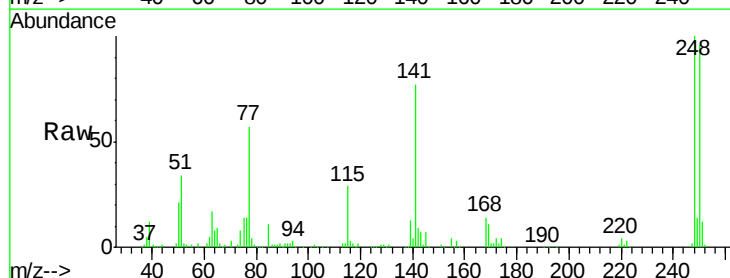
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

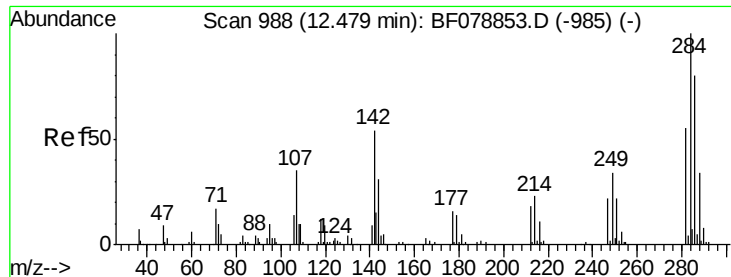
Tot Ion:169 Resp: 389748
 Ion Ratio Lower Upper
 169 100
 168 66.3 54.6 82.0
 167 37.3 30.6 45.8



#66
 4-Bromophenyl-phenylether
 Concen: 37.79 ng
 RT: 12.41 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

Tgt Ion:248 Resp: 120834
 Ion Ratio Lower Upper
 248 100
 250 96.5 77.1 115.7
 141 77.2 58.8 88.2

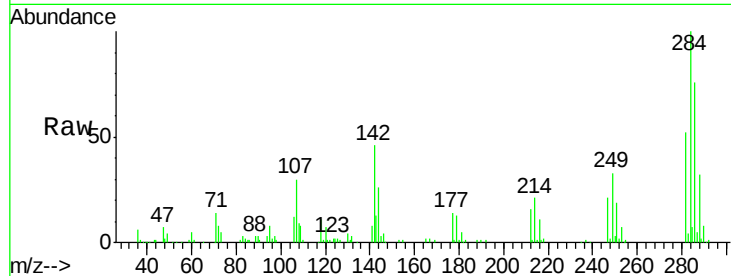




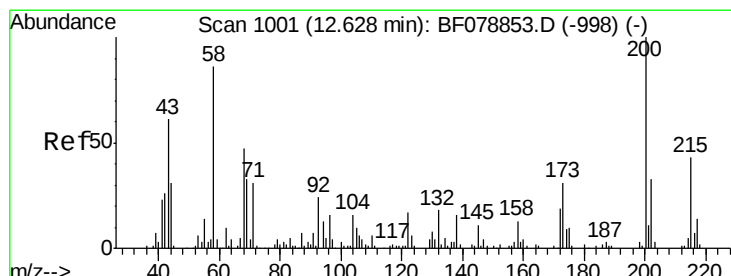
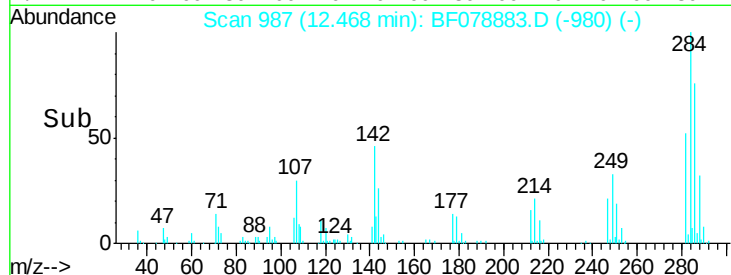
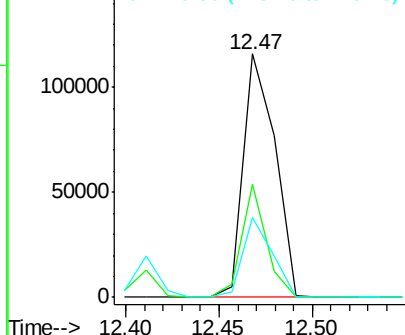
#67
Hexachlorobenzene
Concen: 37.29 ng
RT: 12.47 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 136261
Ion Ratio Lower Upper
284 100
142 46.5 35.2 52.8
249 32.6 25.4 38.2

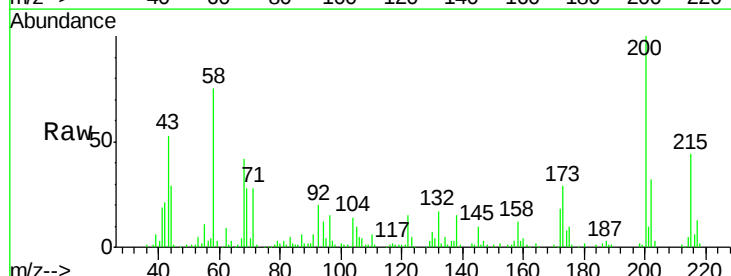


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

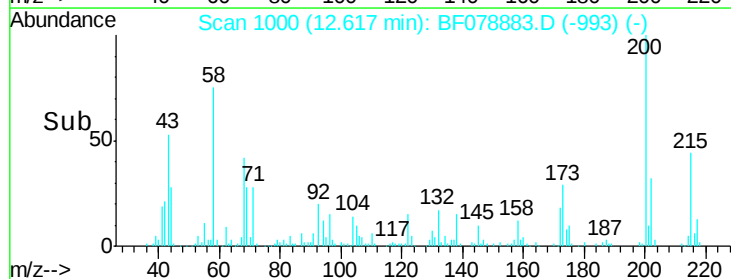
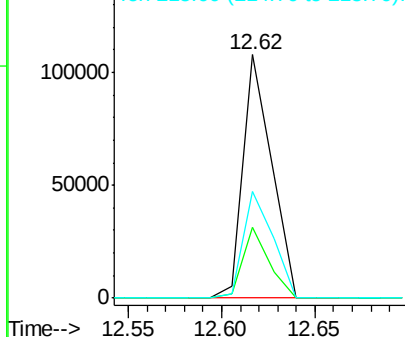


#68
Atrazine
Concen: 38.70 ng
RT: 12.62 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

Tgt Ion:200 Resp: 114960
Ion Ratio Lower Upper
200 100
173 29.0 8.1 48.1
215 43.7 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

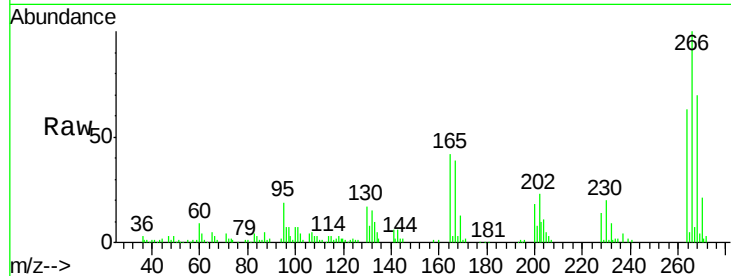




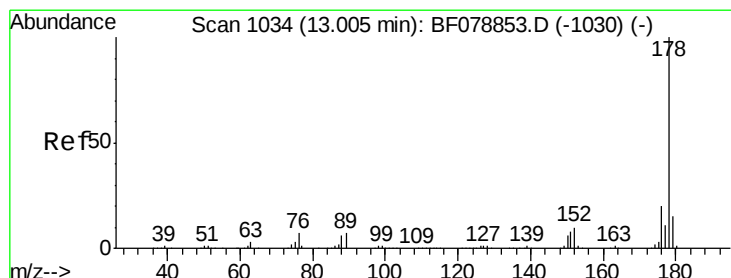
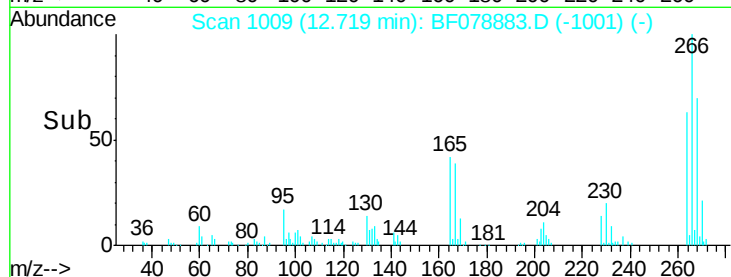
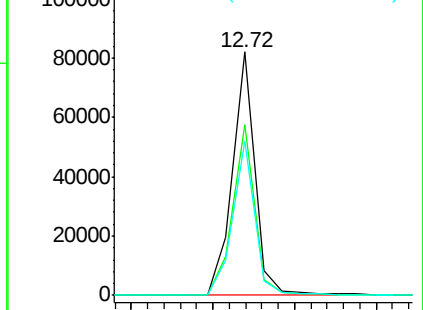
#69
 Pentachlorophenol
 Concen: 40.02 ng
 RT: 12.72 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 77572
 Ion Ratio Lower Upper
 266 100
 268 70.0 55.0 82.6
 264 63.2 48.2 72.2

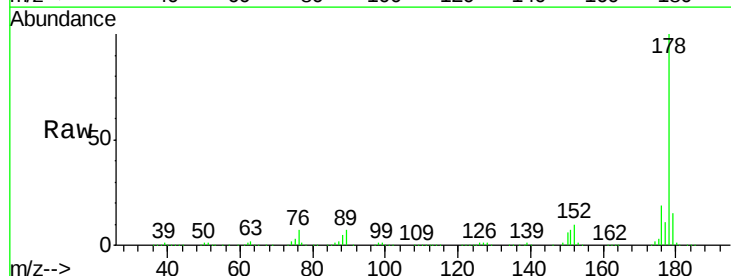


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

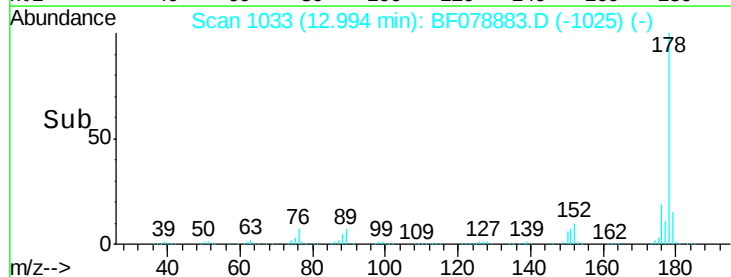
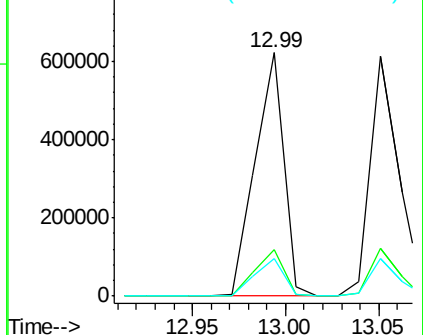


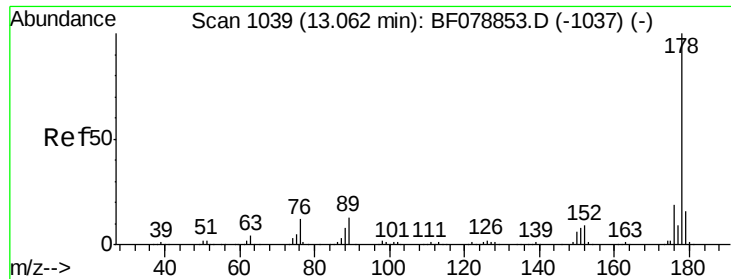
#70
 Phenanthrene
 Concen: 38.43 ng
 RT: 12.99 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

Tgt Ion:178 Resp: 659501
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.4 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

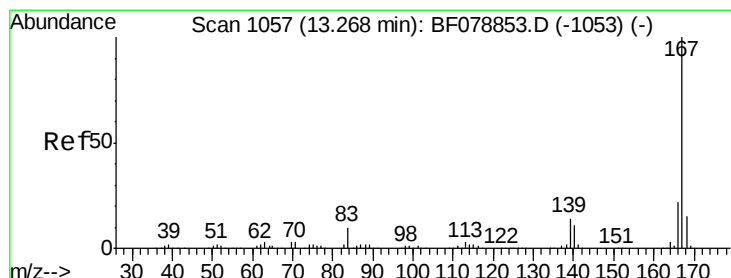
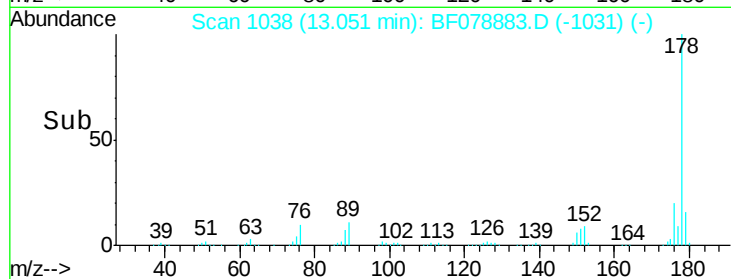
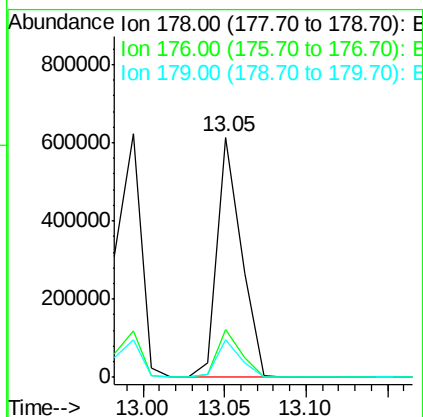
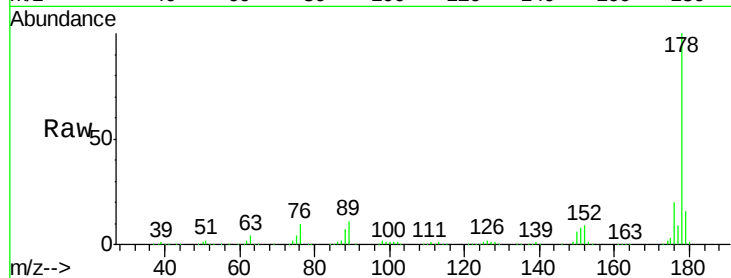




#71
 Anthracene
 Concen: 37.70 ng
 RT: 13.05 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

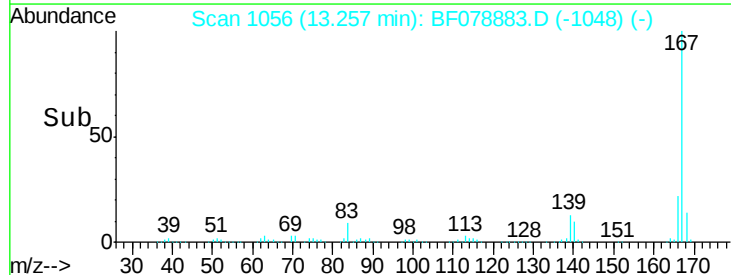
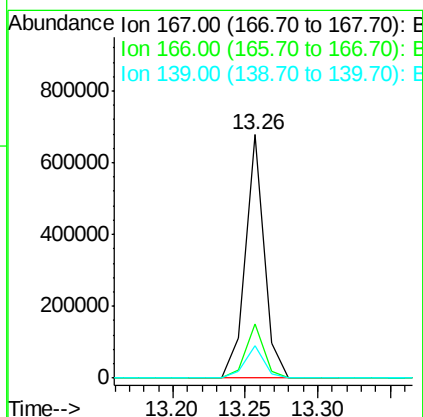
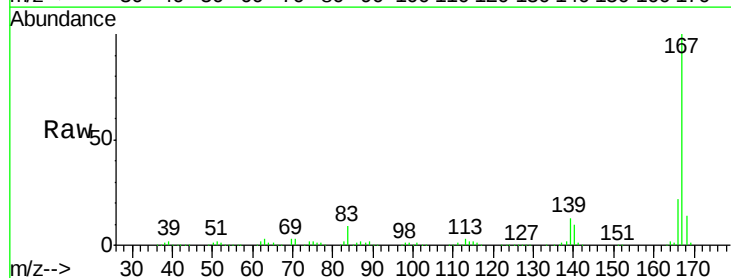
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

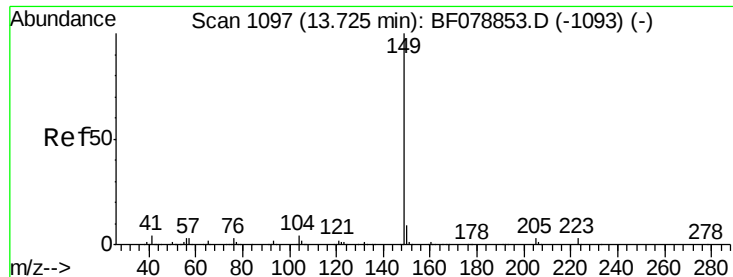
Tot Ion:178 Resp: 634712
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.5 23.3
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 38.00 ng
 RT: 13.26 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

Tgt Ion:167 Resp: 609793
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.8
 139 13.5 10.6 16.0





#73

Di-n-butylphthalate

Concen: 40.14 ng

RT: 13.70 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

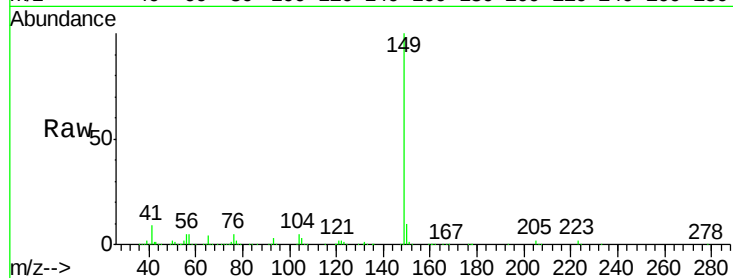
Tot Ion:149 Resp: 772406

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

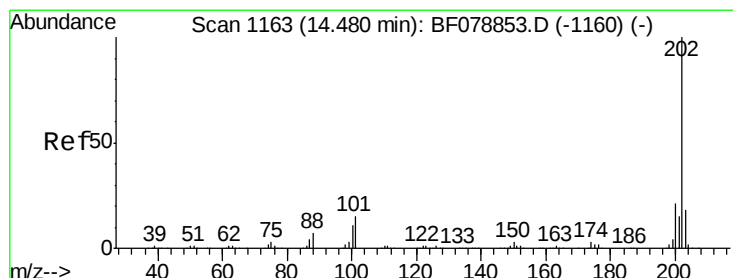
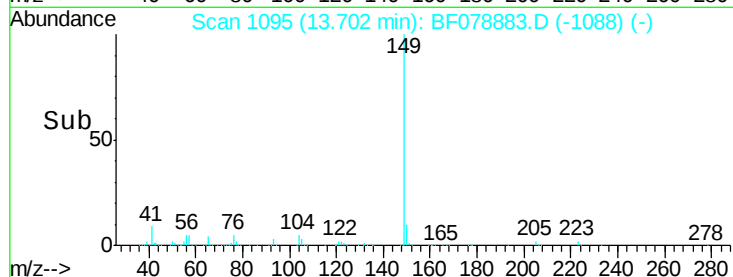
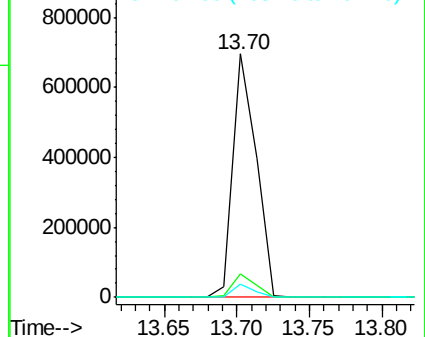
104 5.4 4.6 7.0



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: 39.19 ng

RT: 14.47 min Scan# 1162

Delta R.T. -0.02 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

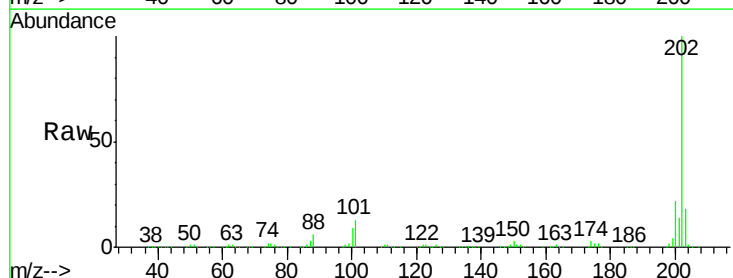
Tgt Ion:202 Resp: 700827

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.6

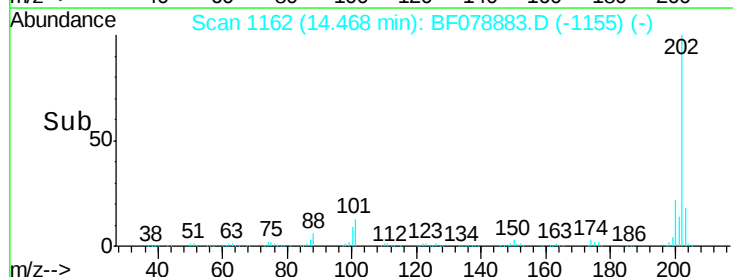
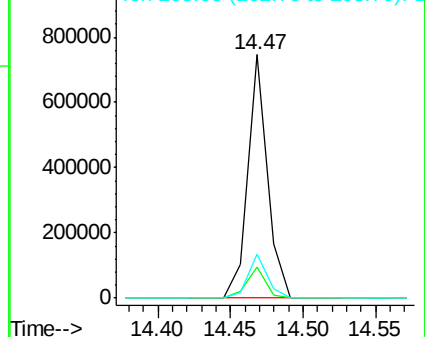
203 17.9 0.0 38.4

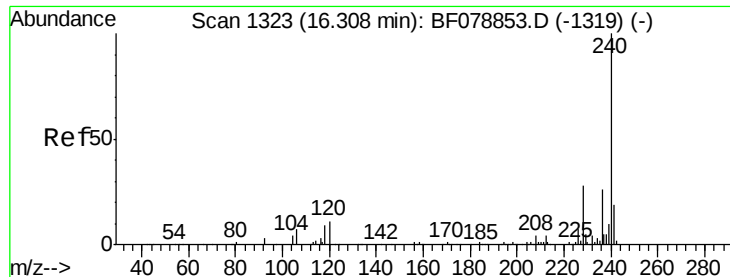


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.29 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

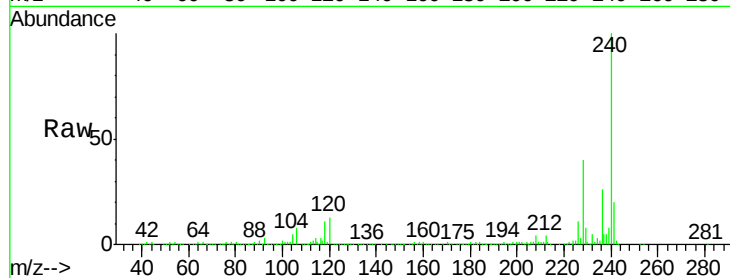
Tot Ion:240 Resp: 335186

Ion Ratio Lower Upper

240 100

120 12.7 9.7 14.5

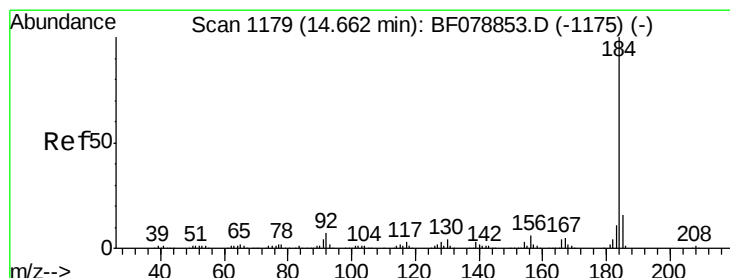
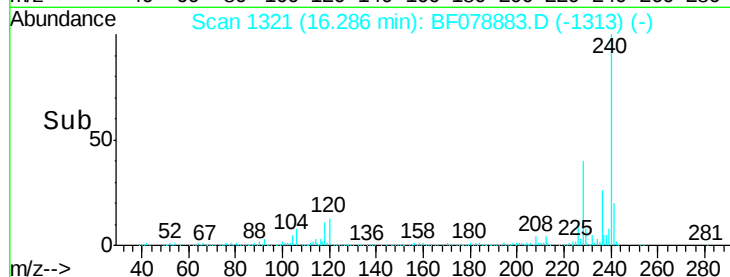
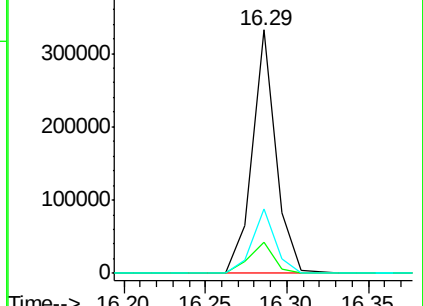
236 26.3 20.2 30.4



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: 35.68 ng

RT: 14.65 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

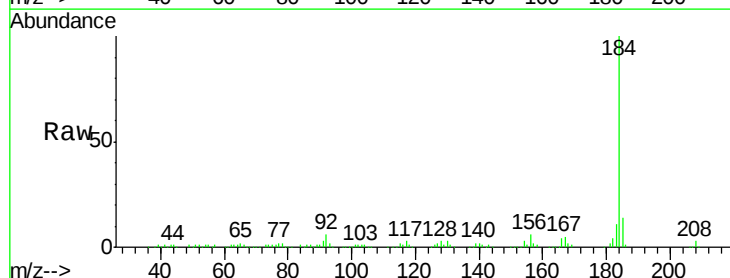
Tgt Ion:184 Resp: 322294

Ion Ratio Lower Upper

184 100

185 13.9 12.3 18.5

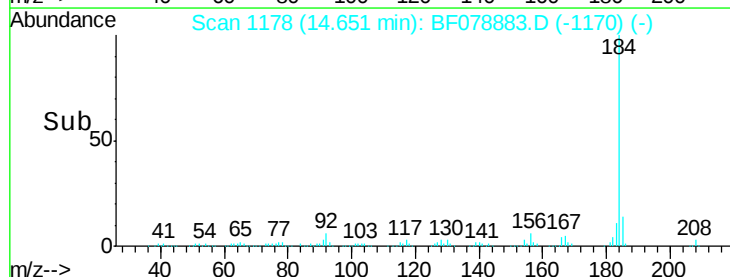
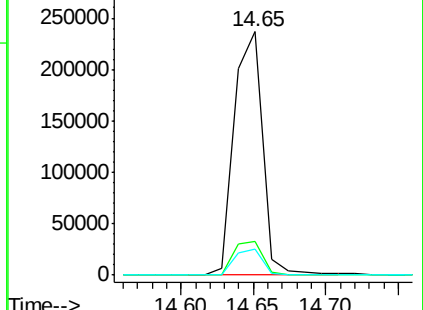
183 10.8 8.4 12.6

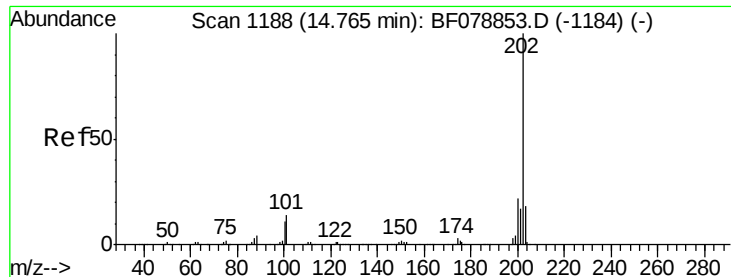


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.64 ng

RT: 14.75 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

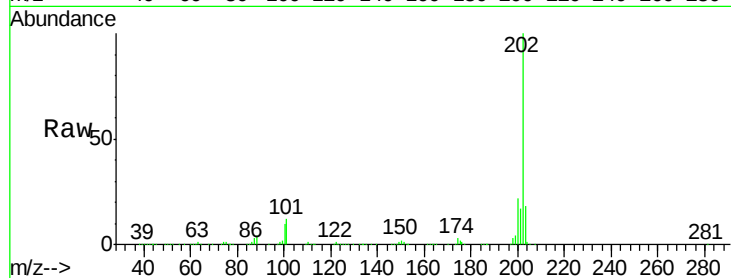
Tot Ion:202 Resp: 746272

Ion Ratio Lower Upper

202 100

200 21.5 17.5 26.3

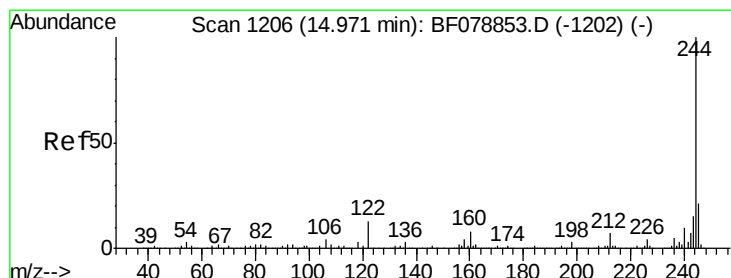
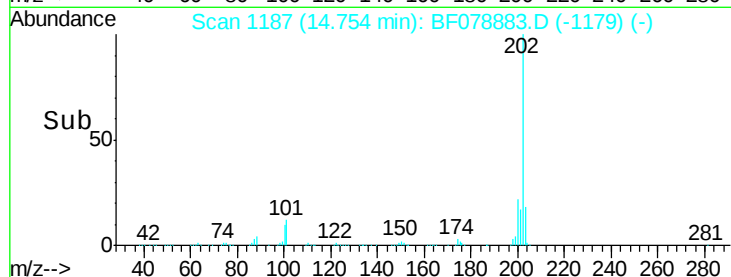
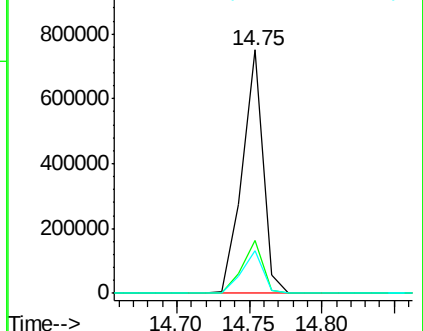
203 17.8 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.88 ng

RT: 14.96 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

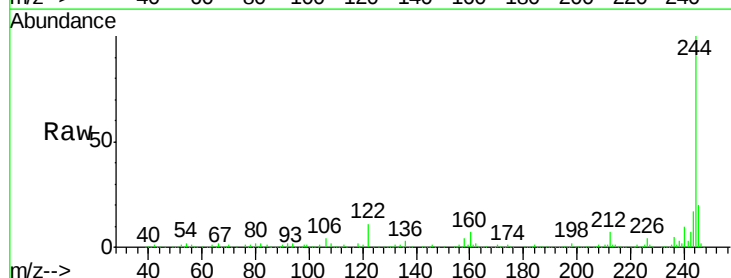
Tgt Ion:244 Resp: 1062383

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

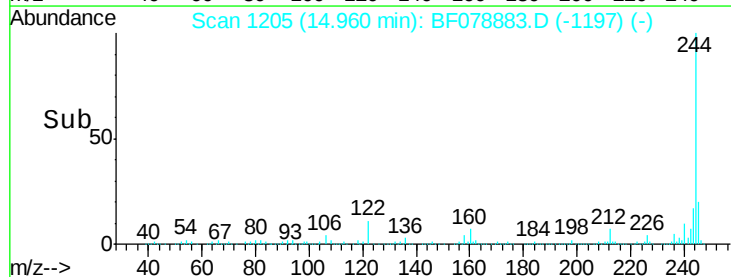
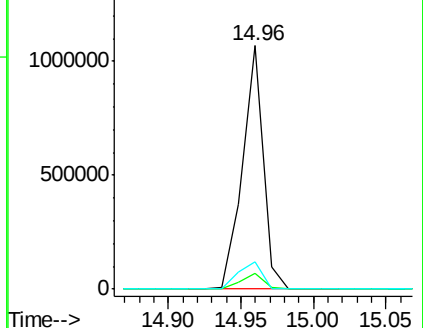
122 11.3 10.3 15.5

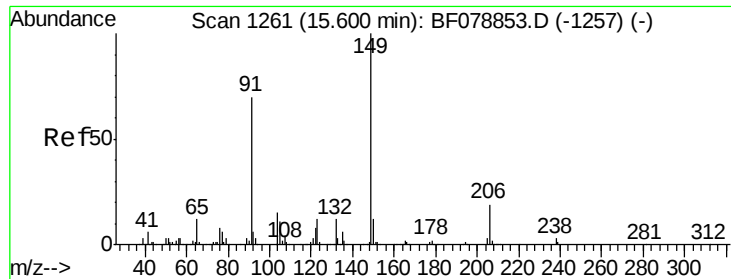


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

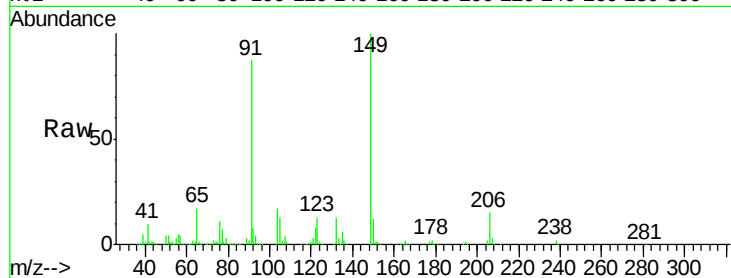




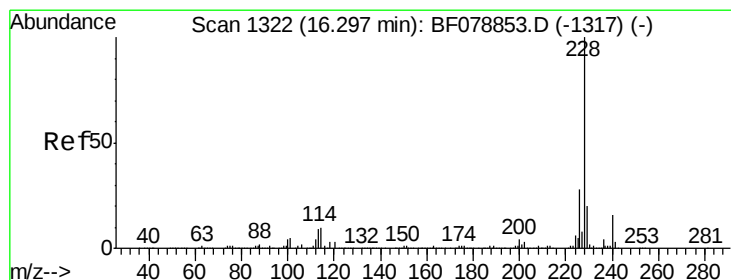
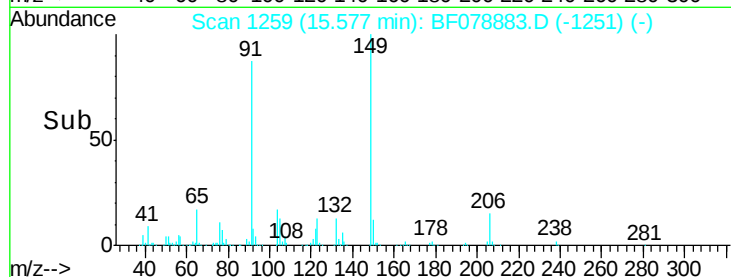
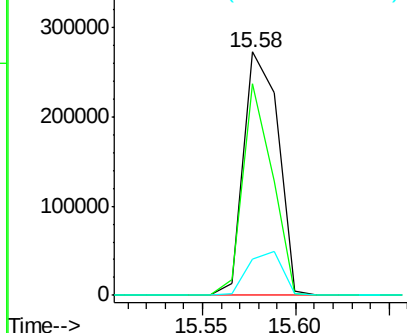
#79
Butylbenzylphthalate
Concen: 42.14 ng
RT: 15.58 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	86.8	64.6	97.0
206	14.9	12.2	18.4

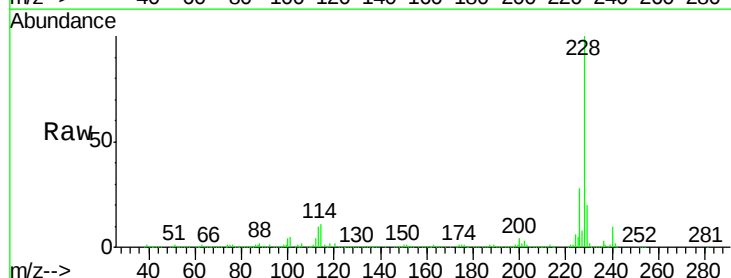


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

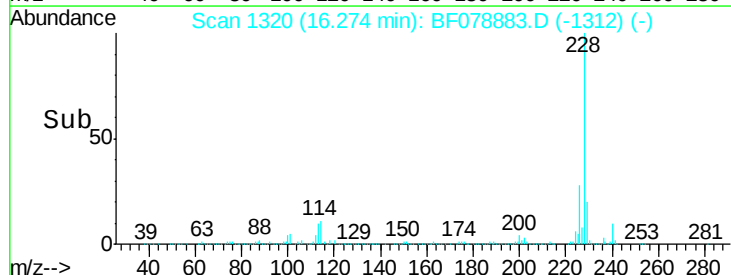
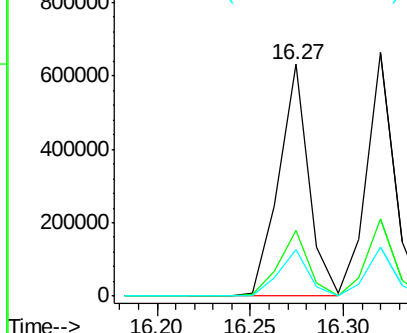


#80
Benzo(a)anthracene
Concen: 38.44 ng
RT: 16.27 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF078883.D
Acq: 1 May 2015 10:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.0	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

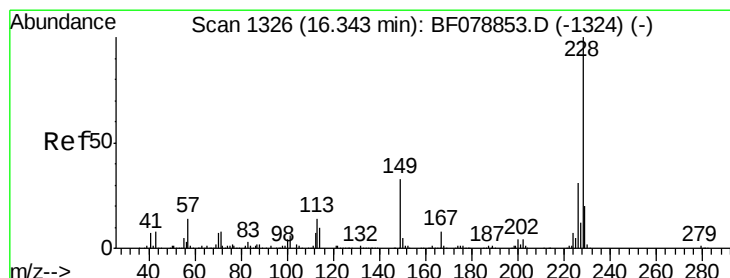
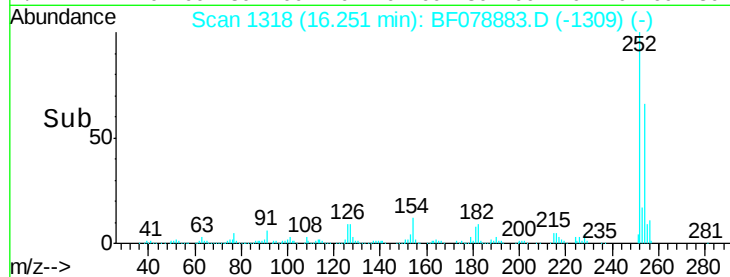
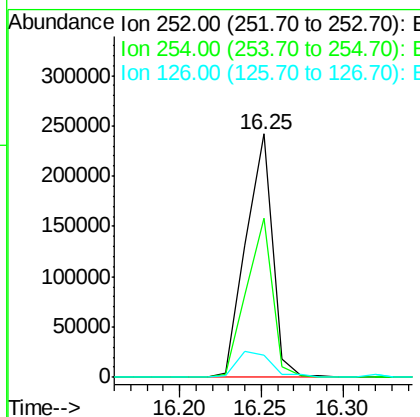
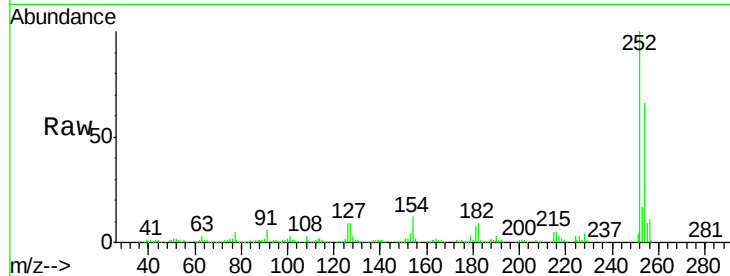




#81
 3,3'-Dichlorobenzidine
 Concen: 42.01 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

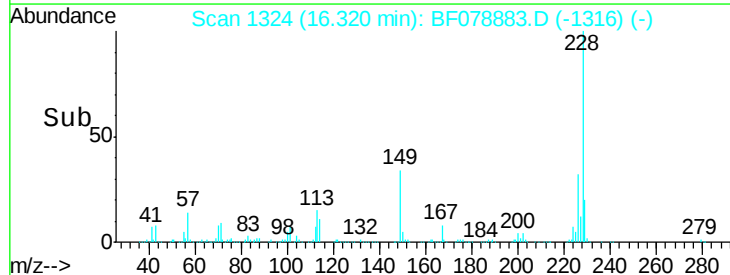
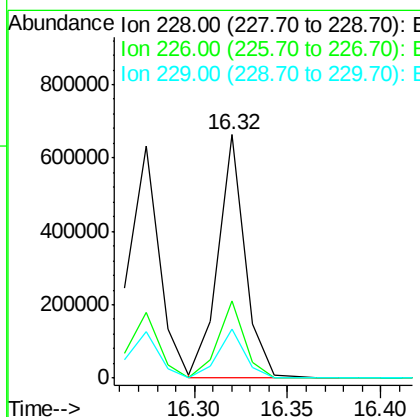
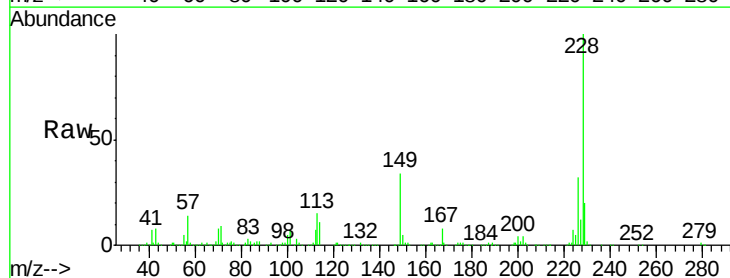
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 274663
 Ion Ratio Lower Upper
 252 100
 254 65.5 51.3 76.9
 126 8.9 6.6 10.0



#82
 Chrysene
 Concen: 37.72 ng
 RT: 16.32 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

Tgt Ion:228 Resp: 665907
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.9 37.3
 229 20.1 16.0 24.0

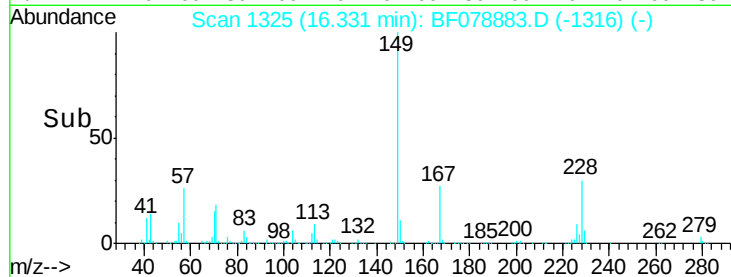
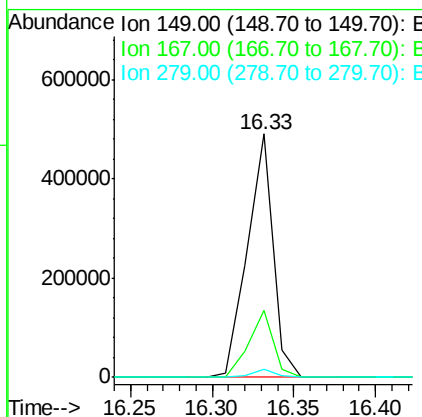
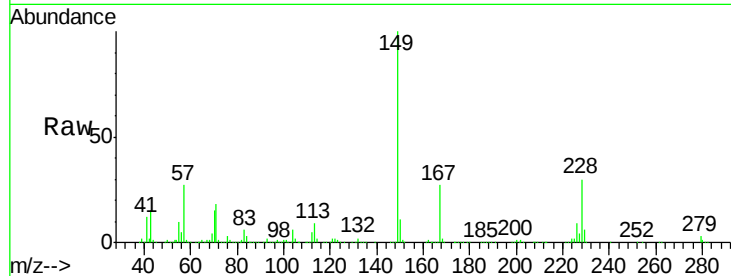




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.67 ng
 RT: 16.33 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

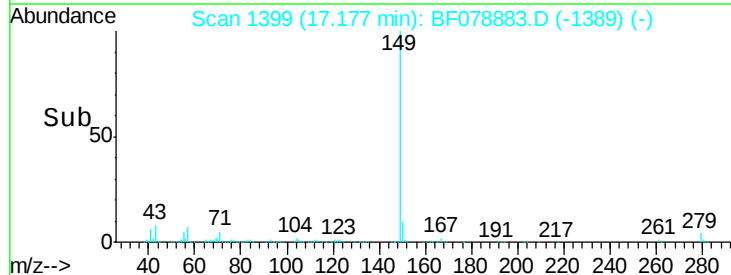
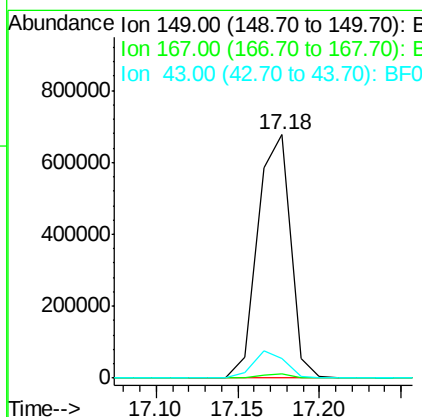
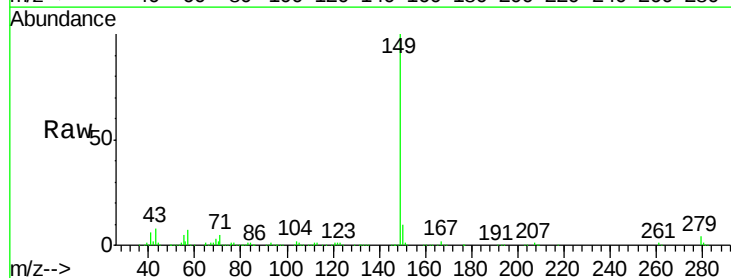
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 532851
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.8 32.8
 279 3.4 2.9 4.3



#84
 Di-n-octyl phthalate
 Concen: 42.10 ng
 RT: 17.18 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

Tgt Ion:149 Resp: 948155
 Ion Ratio Lower Upper
 149 100
 167 1.4 0.0 0.0#
 43 10.5 0.0 0.0#

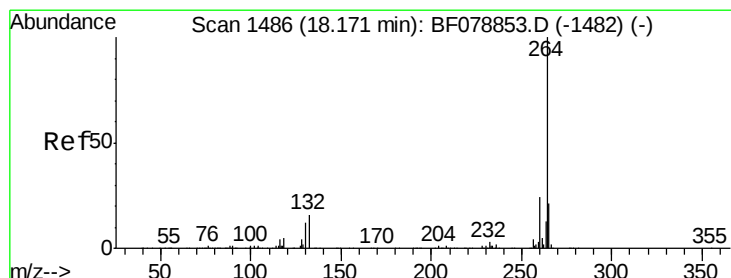
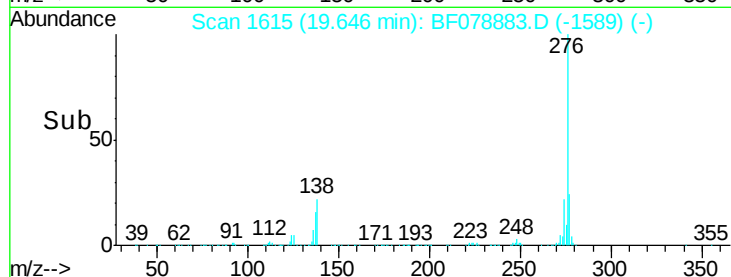
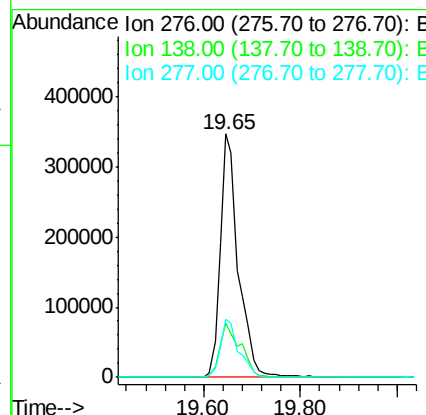
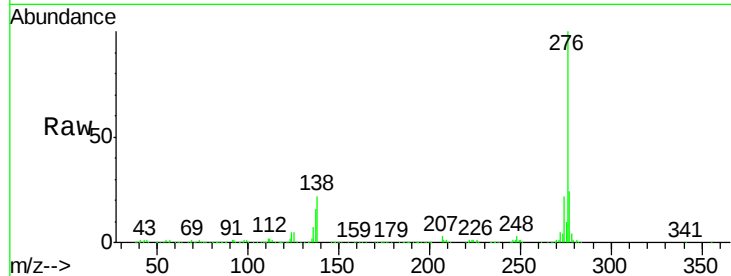




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.48 ng
 RT: 19.65 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

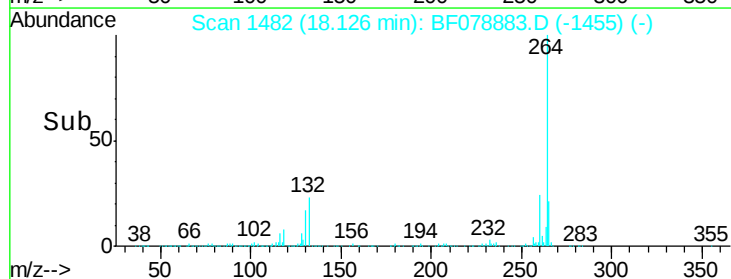
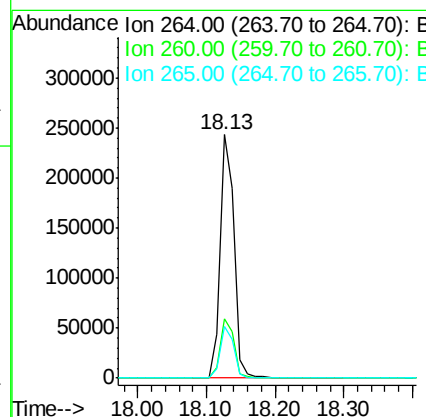
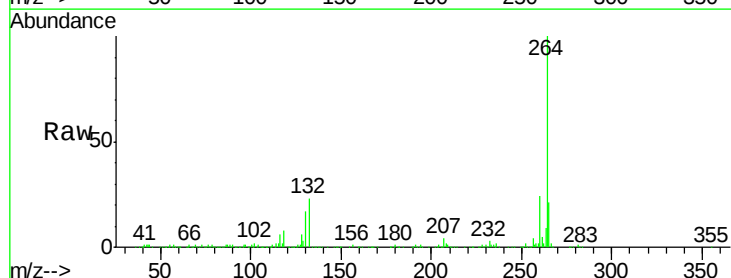
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

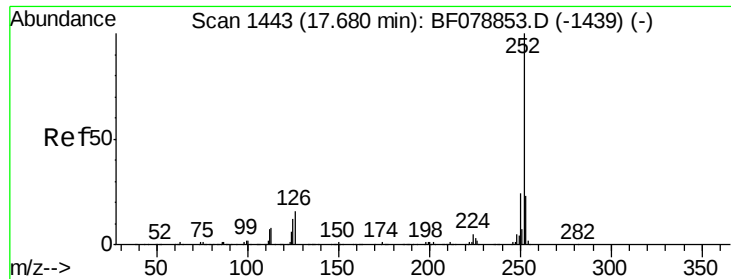
Tot Ion:276 Resp: 910519
 Ion Ratio Lower Upper
 276 100
 138 26.1 0.0 0.0#
 277 24.7 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.13 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF078883.D
 Acq: 1 May 2015 10:24

Tgt Ion:264 Resp: 348482
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.4 18.3 27.5





#87

Benzo(b)fluoranthene

Concen: 37.85 ng

RT: 17.66 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

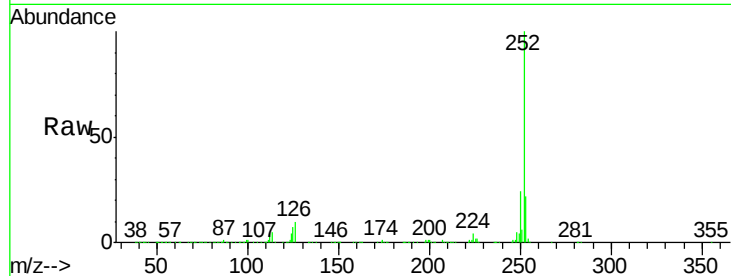
Tot Ion:252 Resp: 722010

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

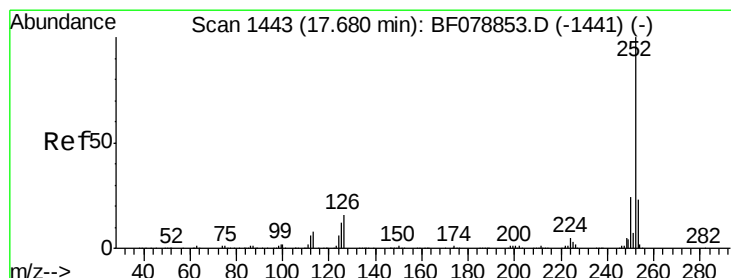
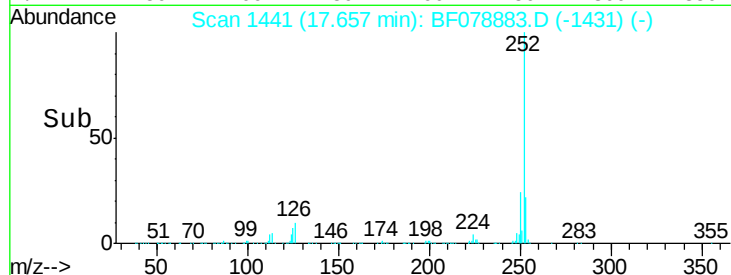
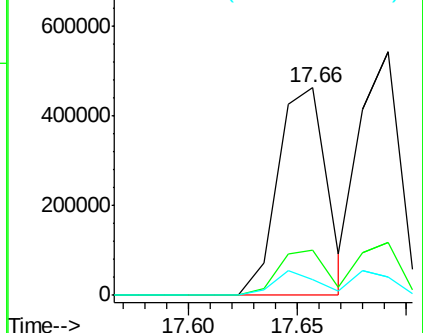
125 7.3 9.5 14.3#



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



#88

Benzo(k)fluoranthene

Concen: 38.21 ng

RT: 17.69 min Scan# 1444

Delta R.T. 0.01 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

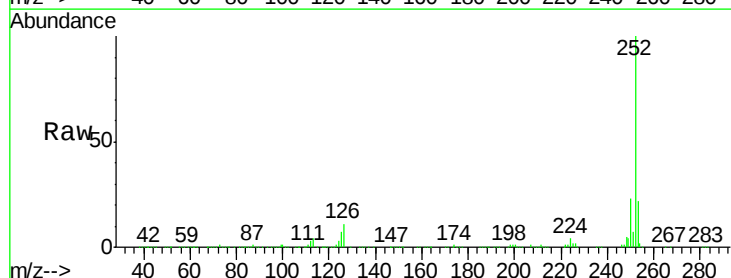
Tgt Ion:252 Resp: 705589

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

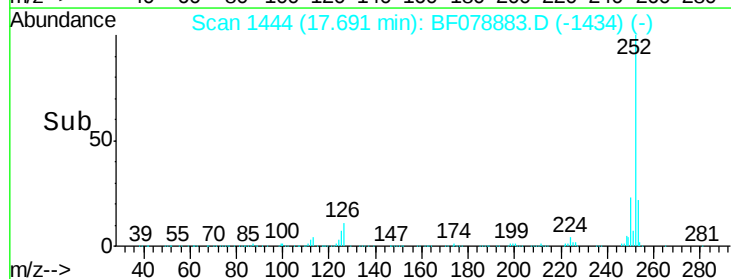
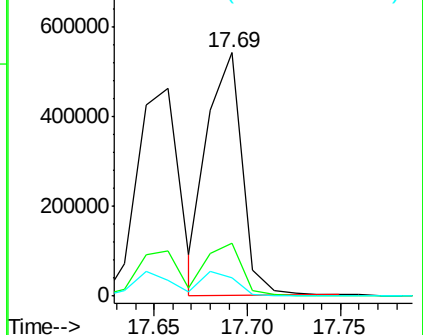
125 7.4 10.0 15.0#

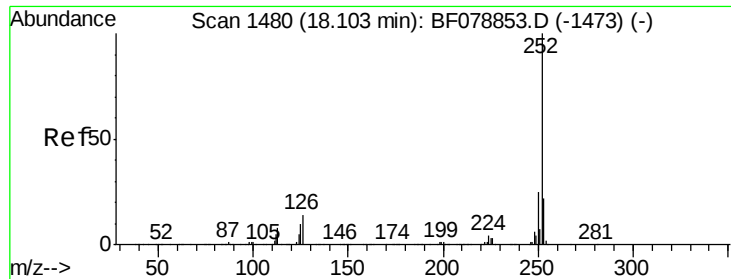


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.95 ng

RT: 18.06 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

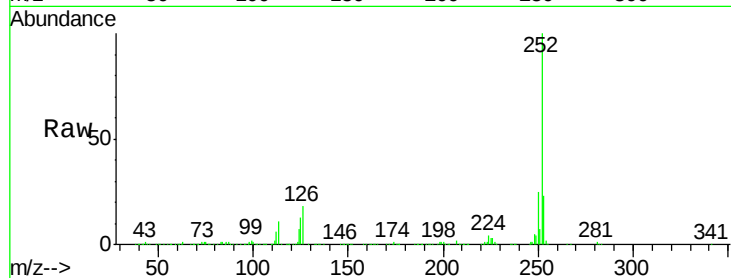
Tot Ion:252 Resp: 684146

Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

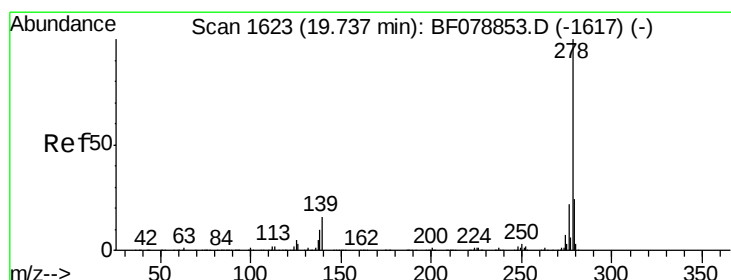
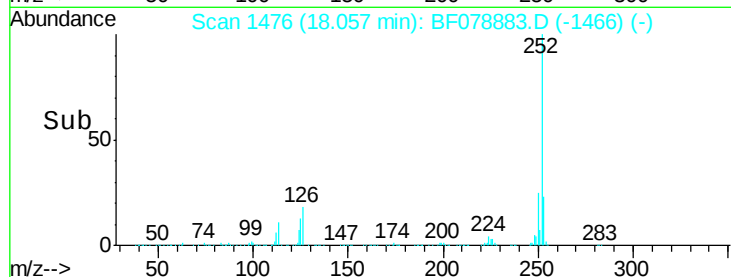
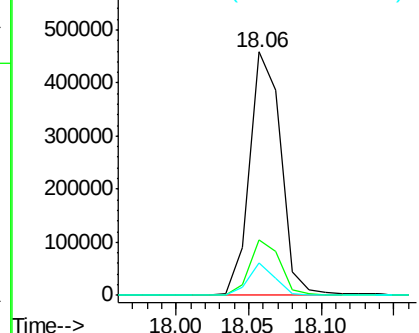
125 13.3 7.0 10.6#



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: 38.78 ng

RT: 19.68 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

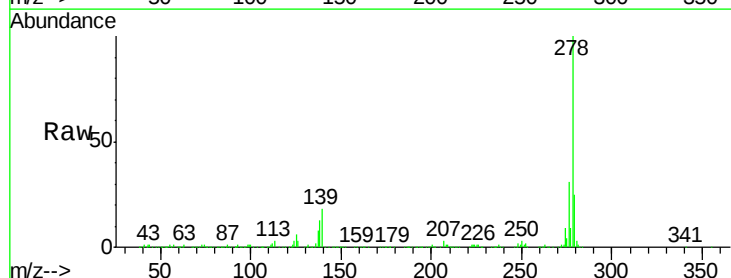
Tgt Ion:278 Resp: 723834

Ion Ratio Lower Upper

278 100

139 18.3 12.8 19.2

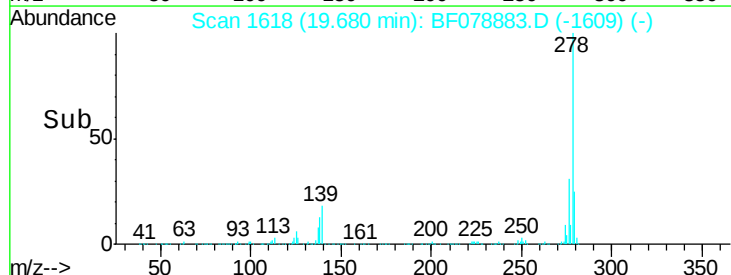
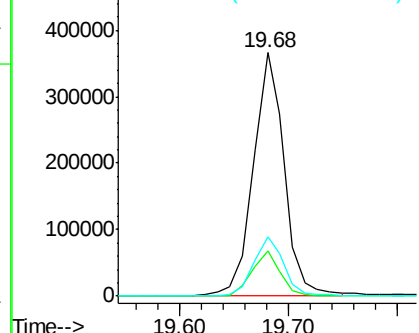
279 24.6 19.6 29.4

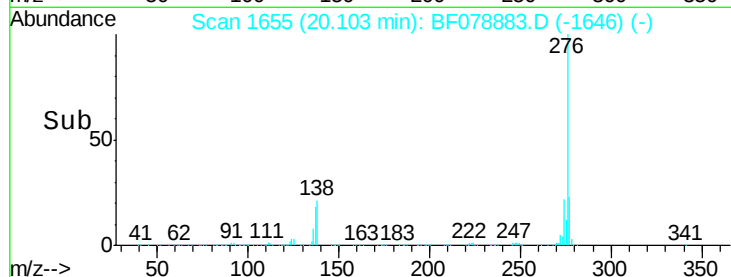
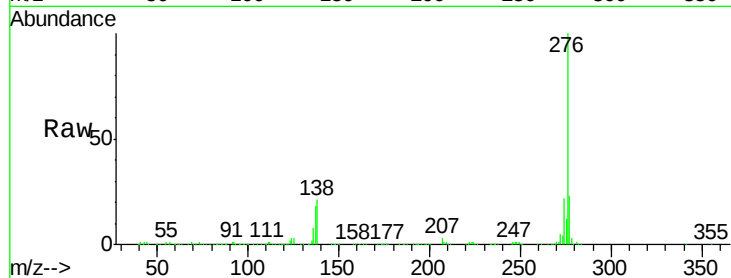
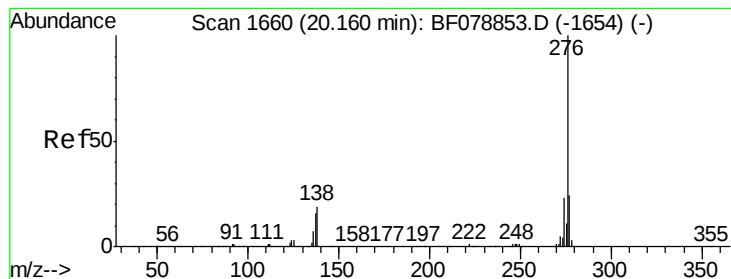


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.13 ng

RT: 20.10 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BF078883.D

Acq: 1 May 2015 10:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 276 Resp: 732042

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 20.9 17.4 26.0

