

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
 Data File : BF078931.D
 Acq On : 5 May 2015 9:33
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 05 12:53:10 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	81093	20.00	ng	-0.01
21) Naphthalene-d8	8.94	136	346713	20.00	ng	-0.01
38) Acenaphthene-d10	11.11	164	163206	20.00	ng	-0.02
63) Phenanthrene-d10	12.96	188	318403	20.00	ng	-0.01
75) Chrysene-d12	16.27	240	350280	20.00	ng	-0.02
86) Perylene-d12	18.09	264	365701	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	357020	75.78	ng	-0.02
7) Phenol-d6	6.90	99	476042	76.45	ng	-0.02
23) Nitrobenzene-d5	8.04	82	443329	73.49	ng	-0.02
41) 2,4,6-Tribromophenol	12.09	330	144512	81.85	ng	-0.02
44) 2-Fluorobiphenyl	10.28	172	907117	77.44	ng	-0.01
78) Terphenyl-d14	14.95	244	1077922	73.68	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.32	88	78082	38.12	ng	# 20
3) Pyridine	3.07	79	223651	37.31	ng	99
4) n-Nitrosodimethylamine	2.99	42	98861	38.49	ng	89
6) Aniline	6.95	93	356010	40.50	ng	99
8) 2-Chlorophenol	7.08	128	209709	39.25	ng	100
9) Benzaldehyde	6.81	77	153960	36.70	ng	95
10) Phenol	6.92	94	279639	38.71	ng	92
11) bis(2-Chloroethyl)ether	7.04	93	193451	36.53	ng	98
12) 1,3-Dichlorobenzene	7.28	146	229196	38.16	ng	98
13) 1,4-Dichlorobenzene	7.38	146	235183	38.05	ng	98
14) 1,2-Dichlorobenzene	7.56	146	222022	38.59	ng	99
15) Benzyl Alcohol	7.53	79	173821	37.60	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.71	45	297987	36.78	ng	99
17) 2-Methylphenol	7.67	107	164075	38.16	ng	97
18) Hexachloroethane	7.98	117	78809	37.02	ng	# 75
19) n-Nitroso-di-n-propylamine	7.87	70	164369	39.08	ng	# 83
20) 3+4-Methylphenols	7.86	107	220184	38.43	ng	93
22) Acetophenone	7.86	105	297776	38.01	ng	# 98
24) Nitrobenzene	8.07	77	225647	37.74	ng	99
25) Isophorone	8.36	82	408512	36.53	ng	100
26) 2-Nitrophenol	8.47	139	91617	37.02	ng	98
27) 2,4-Dimethylphenol	8.52	122	182669	36.88	ng	95
28) bis(2-Chloroethoxy)methane	8.65	93	254544	36.92	ng	98
29) 2,4-Dichlorophenol	8.75	162	170367	38.68	ng	97
30) 1,2,4-Trichlorobenzene	8.87	180	182505	37.72	ng	98
31) Naphthalene	8.96	128	631250	38.21	ng	99
32) Benzoic acid	8.62	122	89525	31.38	ng	96
33) 4-Chloroaniline	9.03	127	270688	38.72	ng	99
34) Hexachlorobutadiene	9.12	225	98453	35.34	ng	99
35) Caprolactam	9.46	113	60079	42.19	ng	88
36) 4-Chloro-3-methylphenol	9.63	107	185822	40.17	ng	87
37) 2-Methylnaphthalene	9.82	142	426558	37.26	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.02	216	174822	38.03	ng	# 100
40) Hexachlorocyclopentadiene	10.01	237	84779	36.68	ng	98

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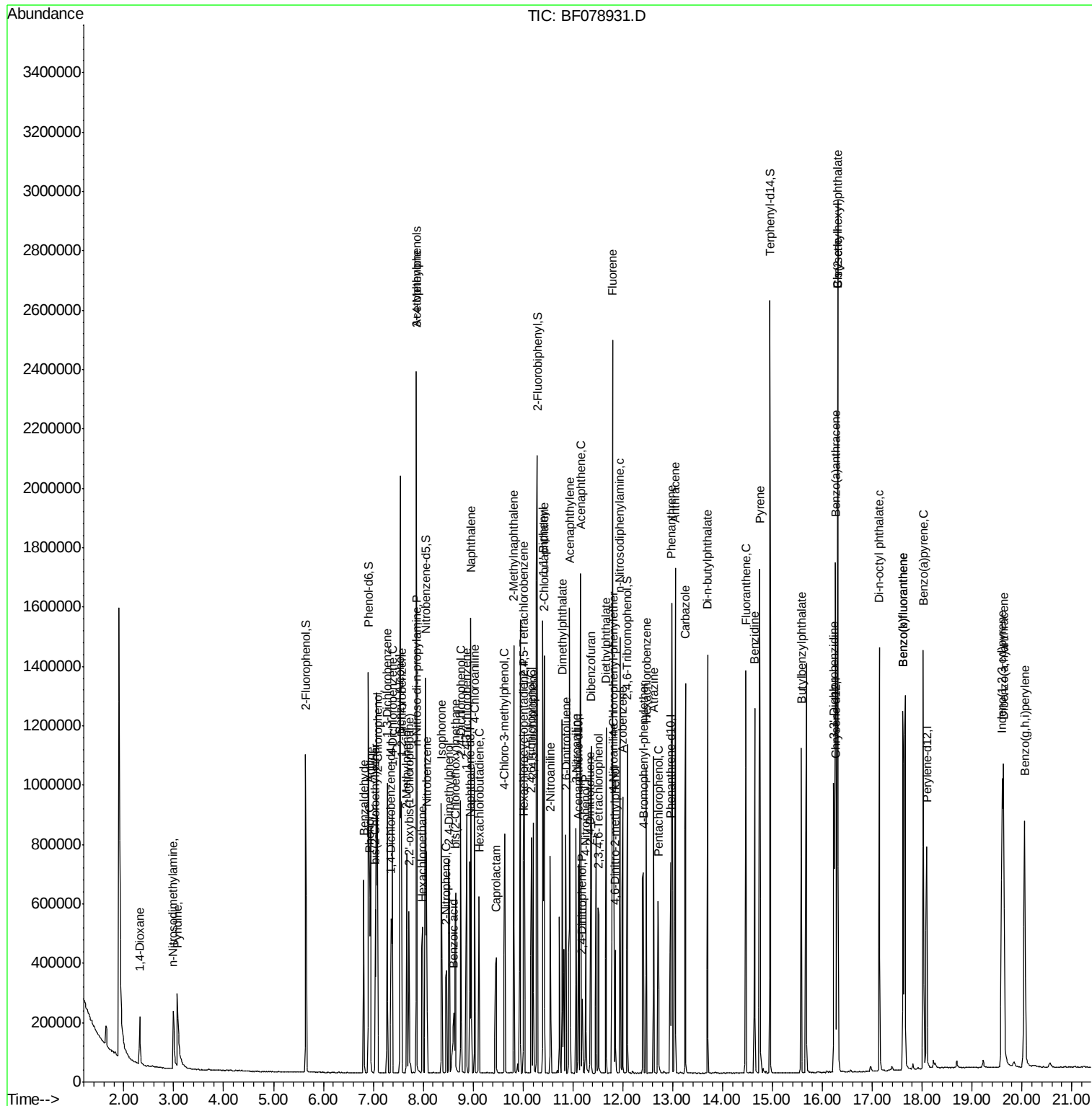
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	125627	39.76	nq	96
43) 2,4,5-Trichlorophenol	10.20	196	122127	38.23	nq	92
45) 1,1'-Biphenyl	10.40	154	487260	37.56	nq	100
46) 2-Chloronaphthalene	10.42	162	395626	39.09	nq	98
47) 2-Nitroaniline	10.55	65	120016	40.93	nq	96
48) Acenaphthylene	10.94	152	672388	40.46	nq	100
49) Dimethylphthalate	10.79	163	459797	38.39	nq	99
50) 2,6-Dinitrotoluene	10.86	165	93954	39.75	nq	97
51) Acenaphthene	11.15	154	396932	40.06	nq	99
52) 3-Nitroaniline	11.06	138	130512	44.20	nq	# 92
53) 2,4-Dinitrophenol	11.19	184	24158	37.96	nq	90
54) Dibenzofuran	11.37	168	563291	39.35	nq	96
55) 4-Nitrophenol	11.26	139	89794	38.42	nq	# 76
56) 2,4-Dinitrotoluene	11.35	165	126393	40.45	nq	97
57) Fluorene	11.79	166	464444	39.53	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.52	232	102215	39.15	nq	# 100
59) Diethylphthalate	11.67	149	466465	39.31	nq	99
60) 4-Chlorophenyl-phenylether	11.81	204	199469	38.27	nq	92
61) 4-Nitroaniline	11.82	138	130816	44.28	nq	95
62) Azobenzene	12.00	77	456969	39.08	nq	94
64) 4,6-Dinitro-2-methylphenol	11.85	198	45985	37.92	nq	97
65) n-Nitrosodiphenylamine	11.94	169	396384	37.38	nq	98
66) 4-Bromophenyl-phenylether	12.41	248	126005	37.97	nq	# 90
67) Hexachlorobenzene	12.47	284	144486	38.09	nq	# 89
68) Atrazine	12.62	200	119027	38.60	nq	99
69) Pentachlorophenol	12.71	266	73404	37.09	nq	95
70) Phenanthrene	12.98	178	671085	37.67	nq	100
71) Anthracene	13.05	178	693039	39.66	nq	99
72) Carbazole	13.26	167	674595	40.50	nq	99
73) Di-n-butylphthalate	13.70	149	748050	37.45	nq	# 98
74) Fluoranthene	14.47	202	741767	39.96	nq	93
76) Benzidine	14.64	184	448098	47.47	nq	99
77) Pyrene	14.74	202	753182	37.31	nq	99
79) Butylbenzylphthalate	15.58	149	327494	37.12	nq	# 83
80) Benzo(a)anthracene	16.26	228	749538	39.08	nq	99
81) 3,3'-Dichlorobenzidine	16.23	252	262894	38.48	nq	# 97
82) Chrysene	16.31	228	684242	37.09	nq	99
83) Bis(2-ethylhexyl)phthalate	16.31	149	473524	35.43	nq	# 97
84) Di-n-octyl phthalate	17.14	149	795588	33.80	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.60	276	949549	40.40	nq	# 100
87) Benzo(b)fluoranthene	17.61	252	746594	37.30	nq	98
88) Benzo(k)fluoranthene	17.61	252	746739	38.54	nq	99
89) Benzo(a)pyrene	18.02	252	717865	38.95	nq	99
90) Dibenzo(a,h)anthracene	19.63	278	739053	37.73	nq	99
91) Benzo(g,h,i)perylene	20.06	276	758652	38.64	nq	97

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

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.36 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

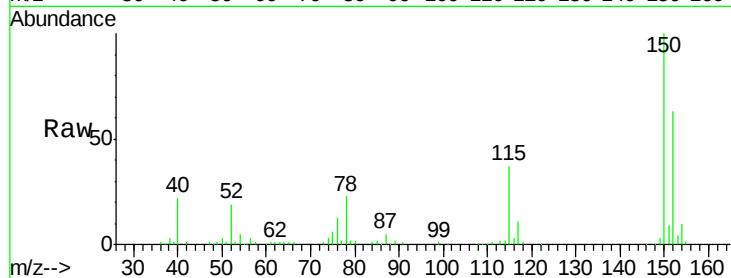
Tot Ion:152 Resp: 81093

Ion Ratio Lower Upper

152 100

150 158.5 122.0 183.0

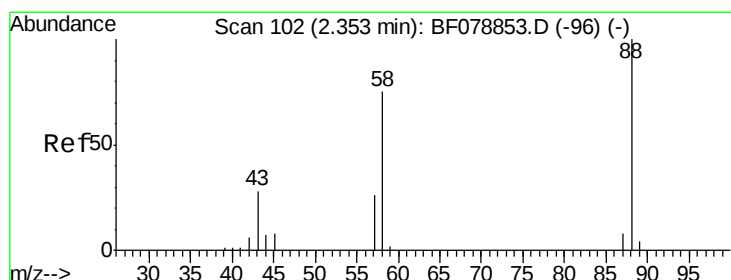
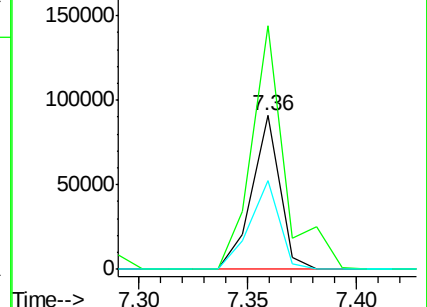
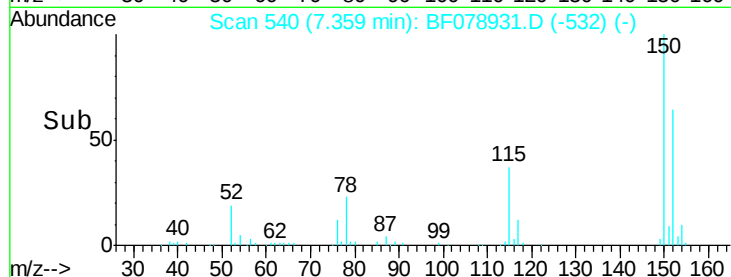
115 58.2 46.3 69.5



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: 38.12 ng

RT: 2.32 min Scan# 99

Delta R.T. -0.02 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

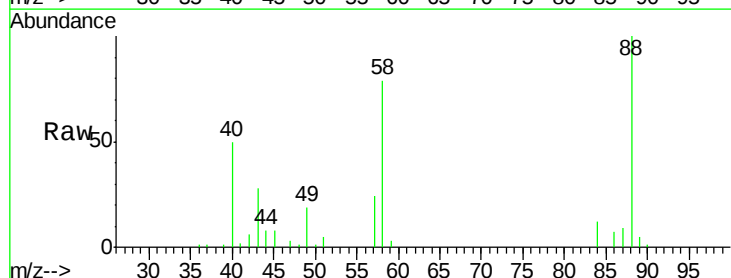
Tgt Ion: 88 Resp: 78082

Ion Ratio Lower Upper

88 100

58 81.7 0.0 0.0#

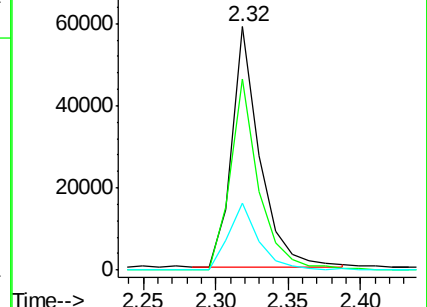
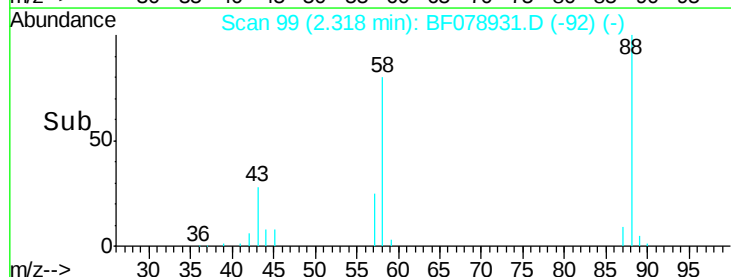
43 30.3 3.3 4.9#



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

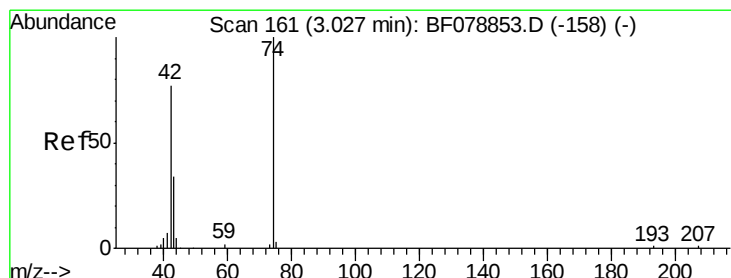
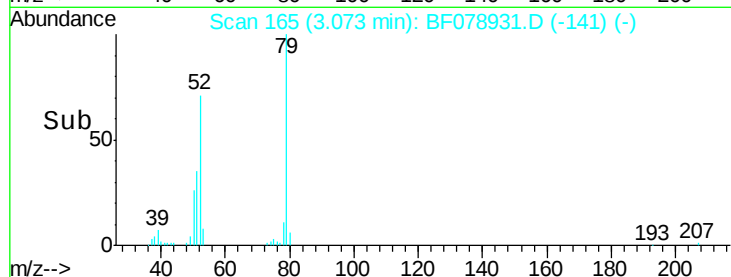
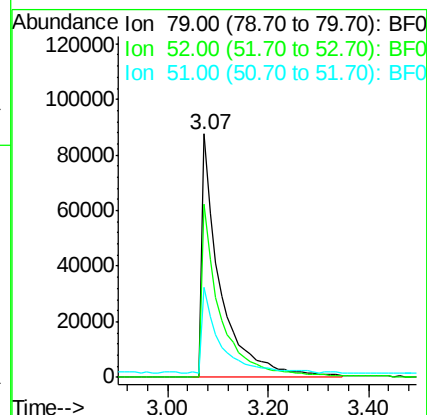
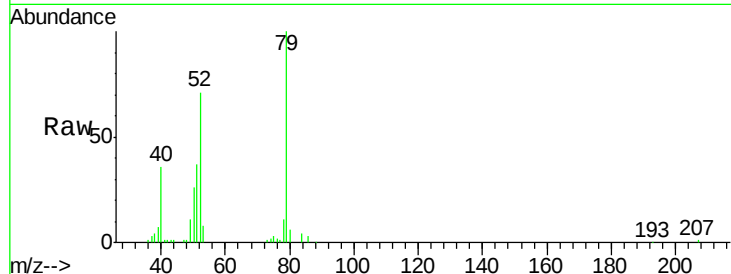




#3
 Pvridine
 Concen: 37.31 ng
 RT: 3.07 min Scan# 165
 Delta R.T. -0.02 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

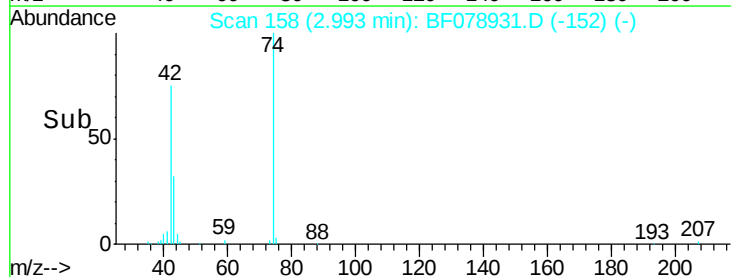
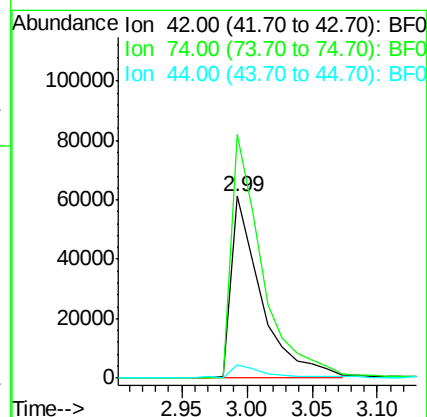
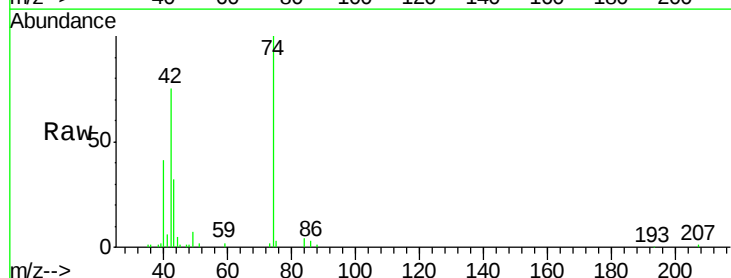
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

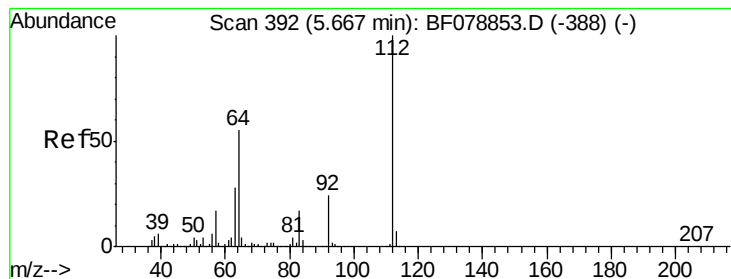
Tot Ion: 79 Resp: 223651
 Ion Ratio Lower Upper
 79 100
 52 70.9 57.2 85.8
 51 37.1 28.9 43.3



#4
 n-Nitrosodimethylamine
 Concen: 38.49 ng
 RT: 2.99 min Scan# 158
 Delta R.T. -0.03 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

Tgt Ion: 42 Resp: 98861
 Ion Ratio Lower Upper
 42 100
 74 134.1 96.5 144.7
 44 7.4 6.1 9.1





#5

2-Fluorophenol

Concen: 75.78 ng

RT: 5.64 min Scan# 390

Delta R.T. -0.02 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

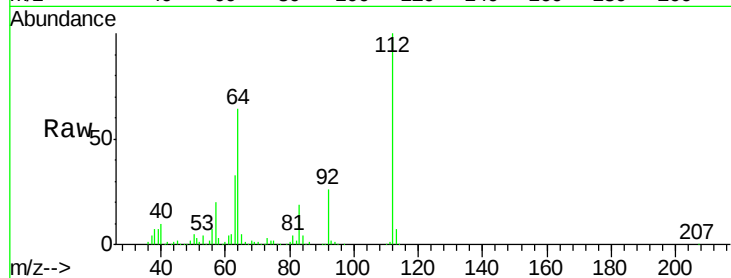
Tot Ion:112 Resp: 357020

Ion Ratio Lower Upper

112 100

64 64.4 53.5 80.3

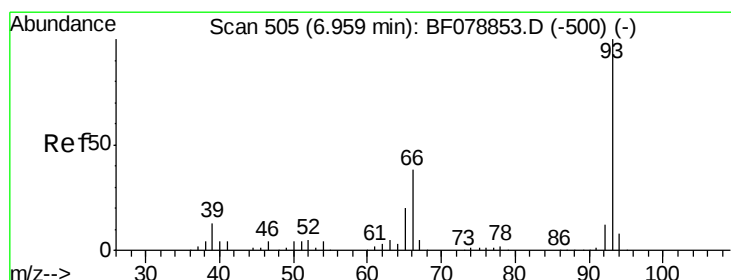
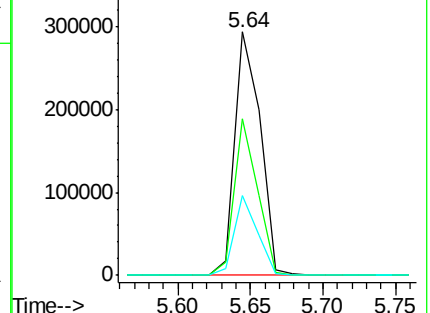
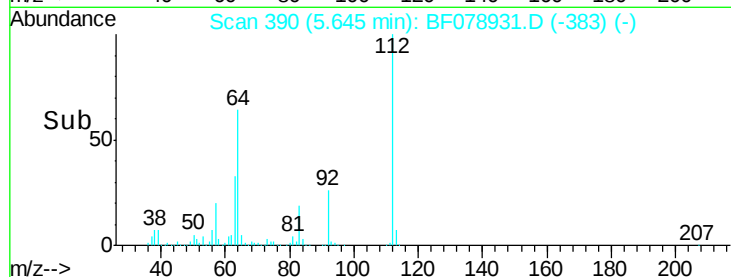
63 33.0 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.50 ng

RT: 6.95 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

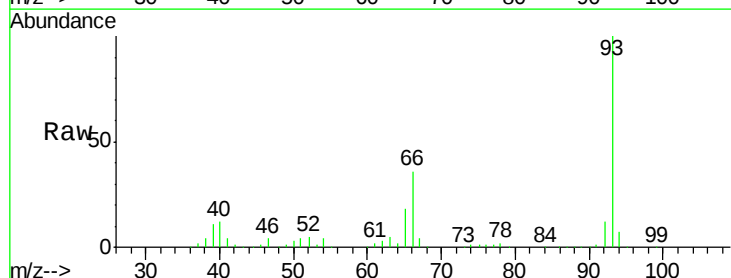
Tgt Ion: 93 Resp: 356010

Ion Ratio Lower Upper

93 100

66 36.1 29.7 44.5

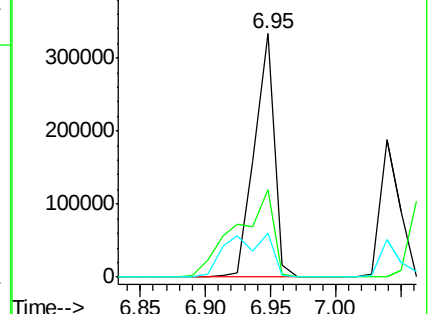
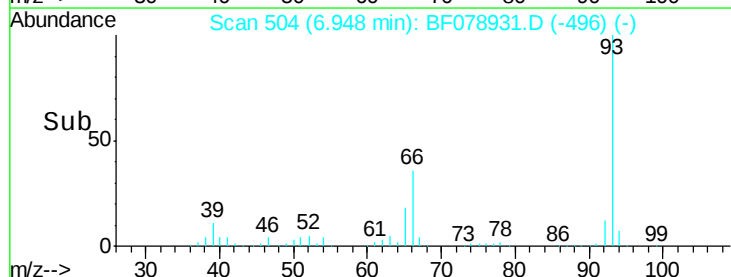
65 18.0 14.6 22.0

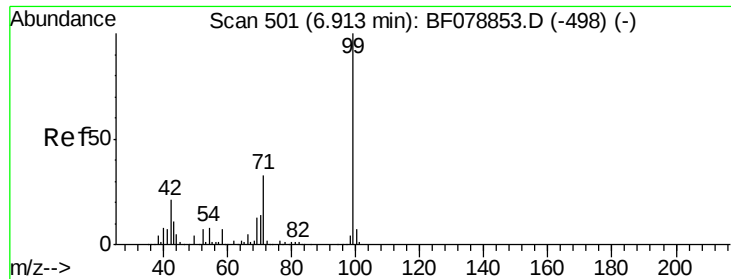


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.45 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.02 min

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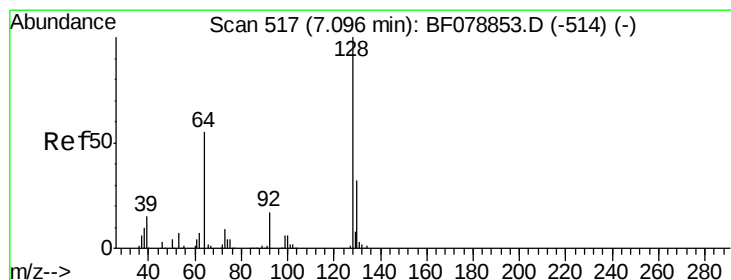
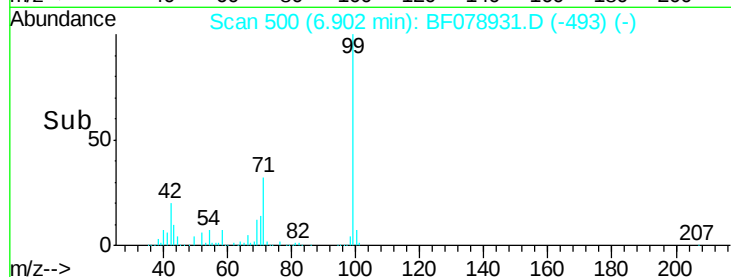
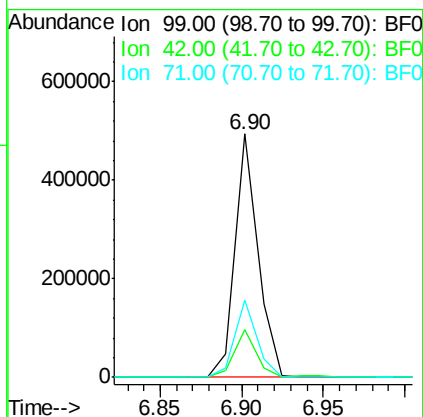
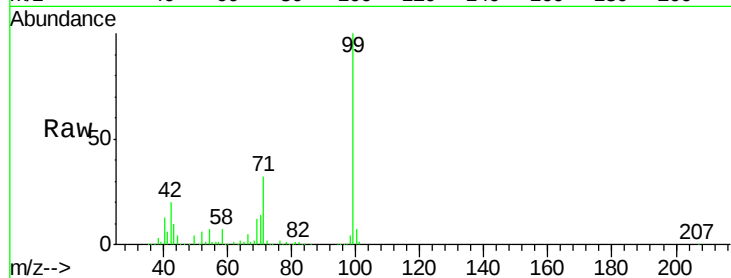
Tot Ion: 99 Resp: 476042

Ion Ratio Lower Upper

99 100

42 19.6 12.8 19.2#

71 31.5 23.4 35.2



#8

2-Chlorophenol

Concen: 39.25 ng

RT: 7.08 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

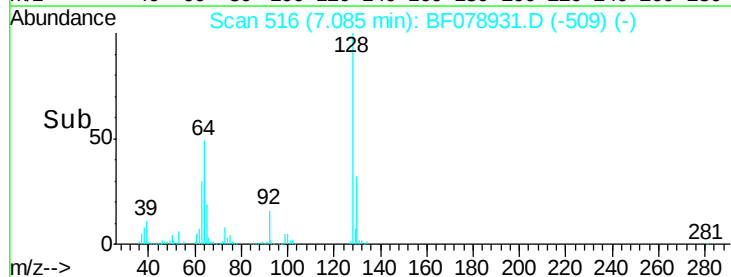
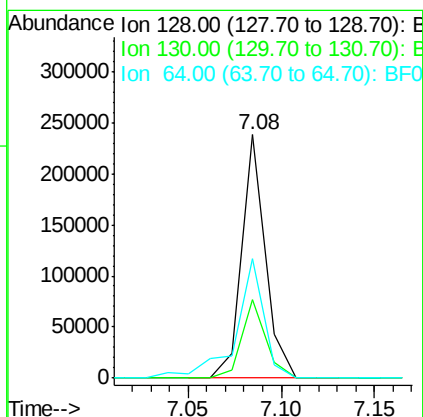
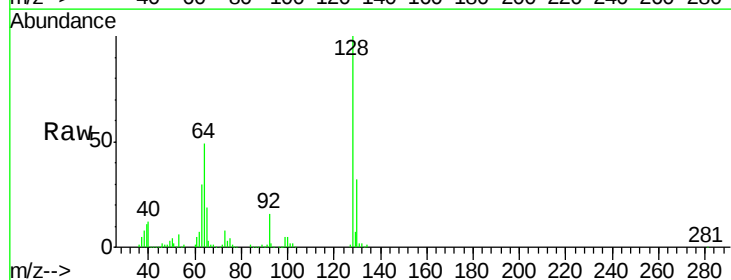
Tgt Ion: 128 Resp: 209709

Ion Ratio Lower Upper

128 100

130 32.2 12.1 52.1

64 49.3 29.6 69.6





#9

Benzaldehyde

Concen: 36.70 ng

RT: 6.81 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

Instrument :

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SSTDCCC040

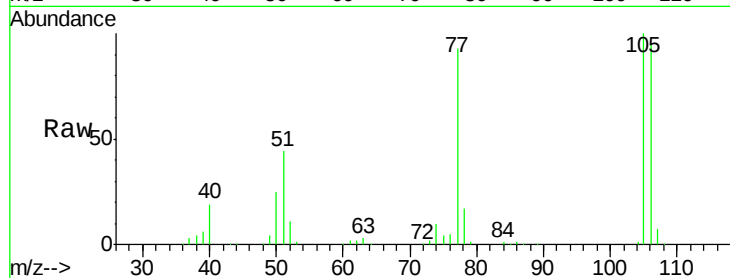
Tot Ion: 77 Resp: 153960

Ion Ratio Lower Upper

77 100

105 107.8 81.7 121.7

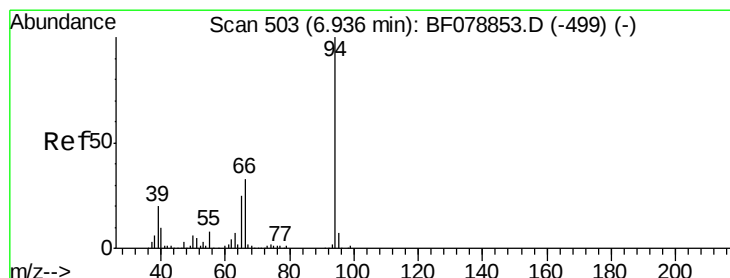
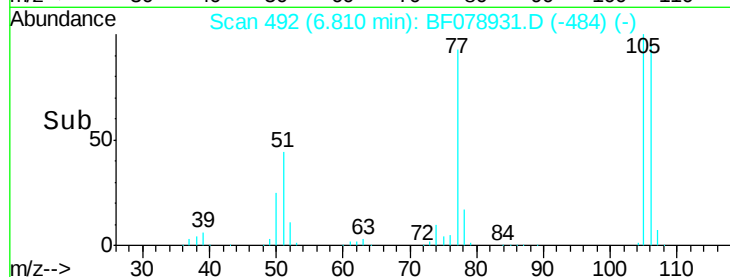
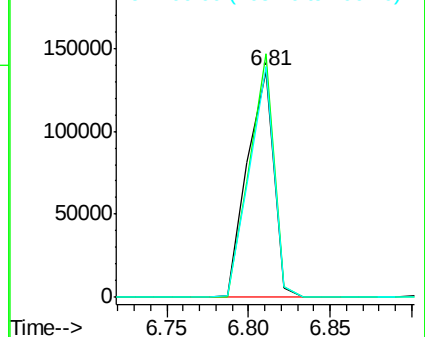
106 102.4 79.0 119.0



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: 38.71 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

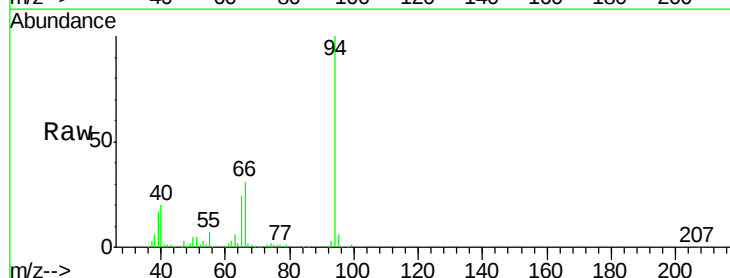
Tgt Ion: 94 Resp: 279639

Ion Ratio Lower Upper

94 100

65 24.0 8.5 48.5

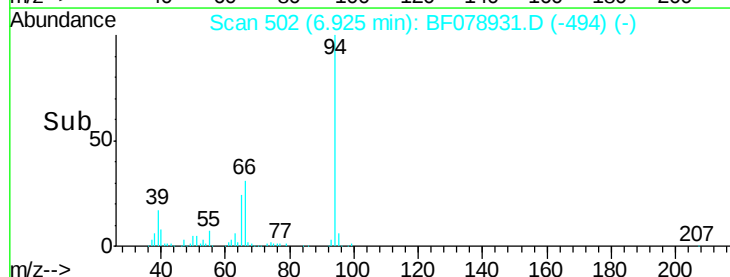
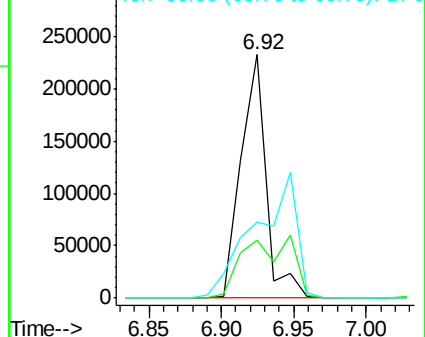
66 31.1 16.0 56.0

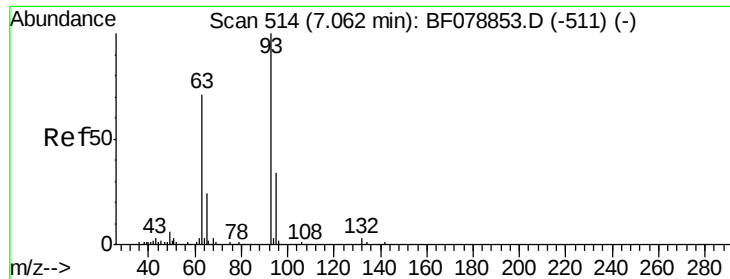


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

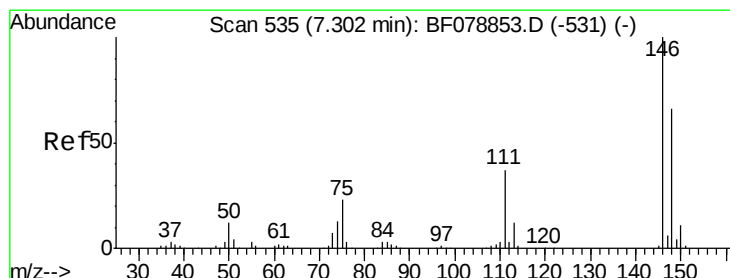
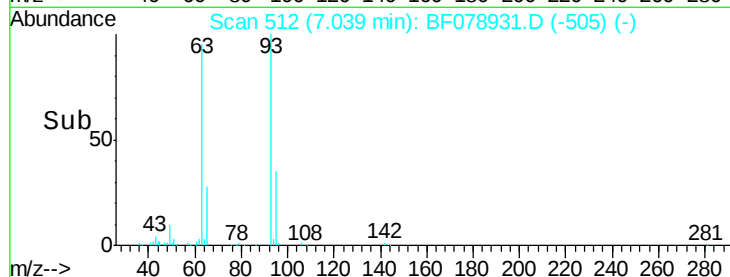
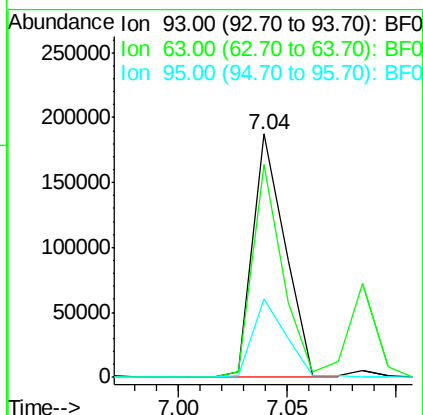
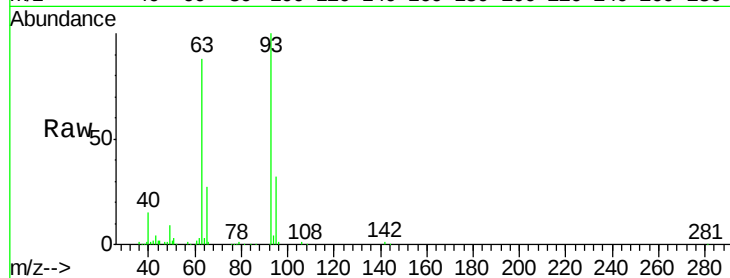




#11
 bis(2-Chloroethyl)ether
 Concen: 36.53 ng
 RT: 7.04 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

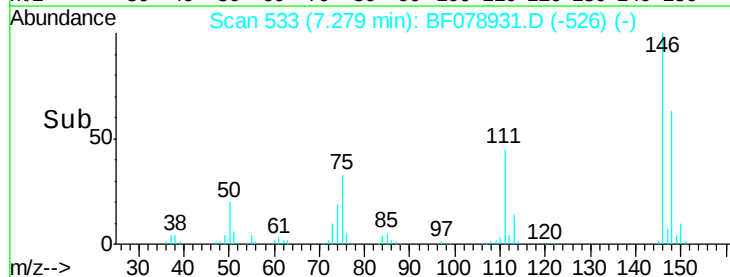
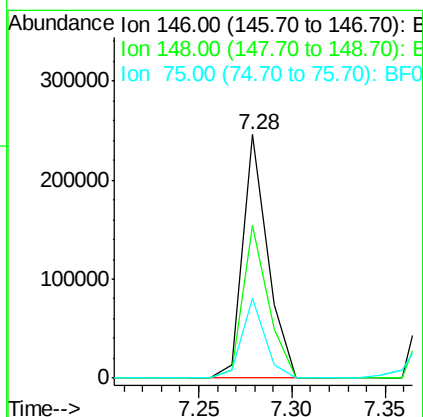
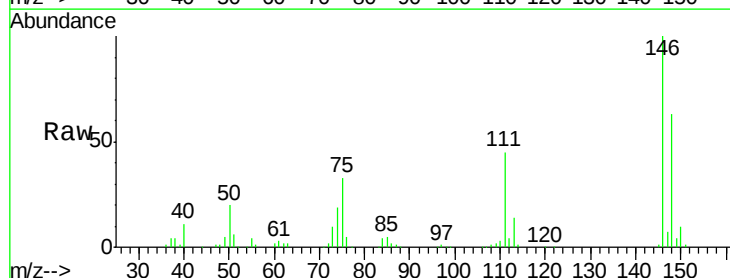
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.5	64.8	104.8
95	32.1	12.4	52.4



#12
 1,3-Dichlorobenzene
 Concen: 38.16 ng
 RT: 7.28 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.2	75.2
75	32.9	29.2	43.8

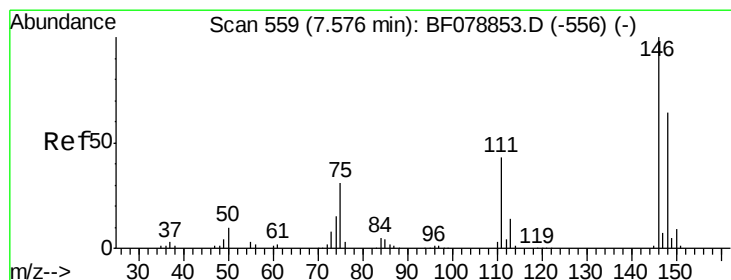
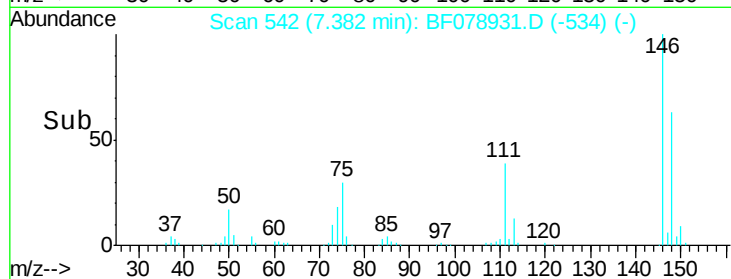
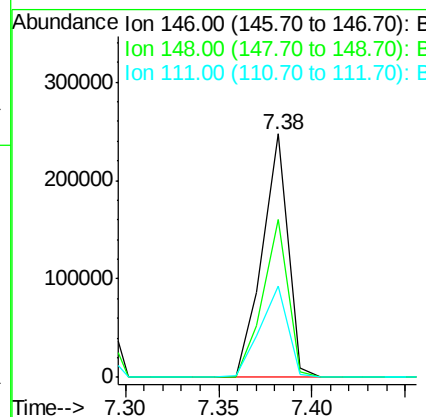
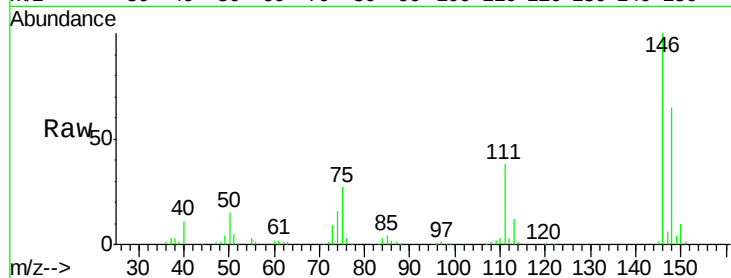




#13
 1,4-Dichlorobenzene
 Concen: 38.05 ng
 RT: 7.38 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

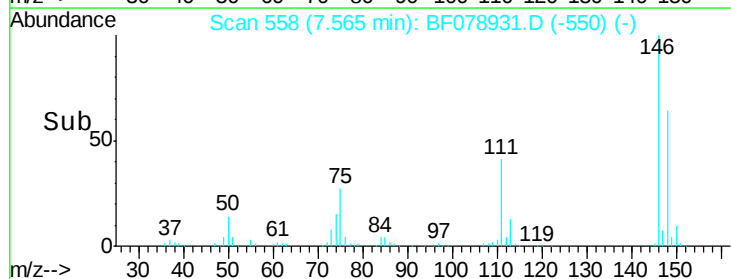
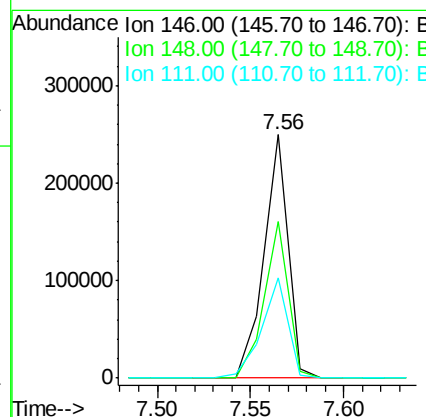
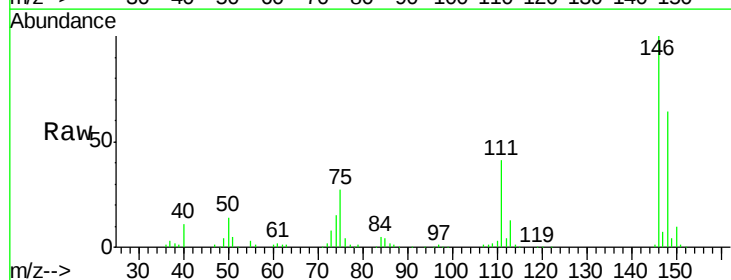
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 235183
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.8 79.2
 111 37.6 31.7 47.5



#14
 1,2-Dichlorobenzene
 Concen: 38.59 ng
 RT: 7.56 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

Tgt Ion:146 Resp: 222022
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.2 76.8
 111 41.0 33.3 49.9





#15

Benzyl Alcohol

Concen: 37.60 ng

RT: 7.53 min Scan# 555

Delta R.T. -0.02 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

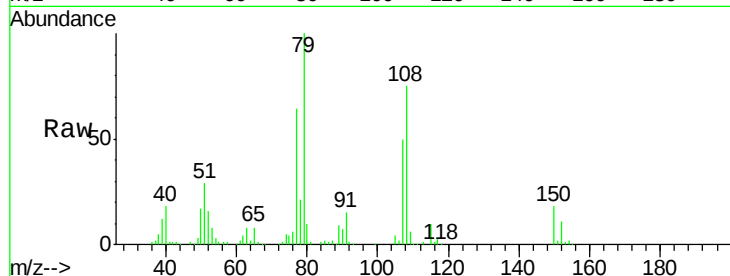
Tot Ion: 79 Resp: 173821

Ion Ratio Lower Upper

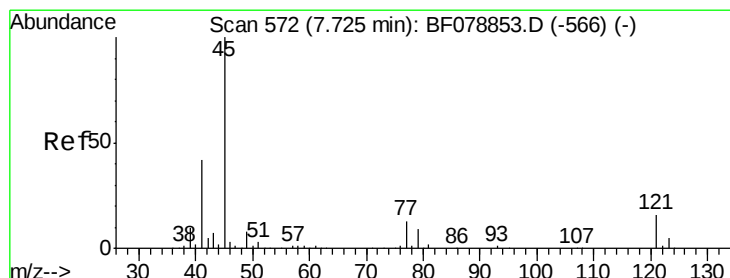
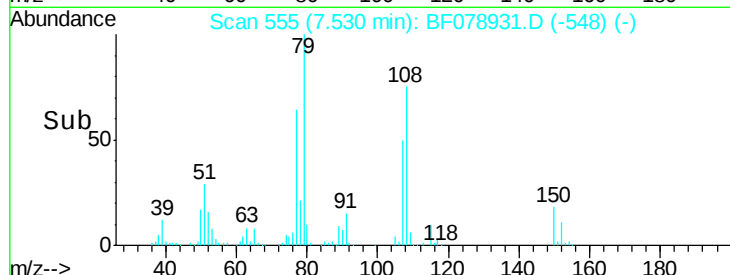
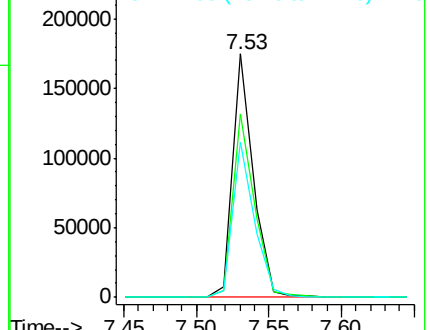
79 100

108 75.4 62.5 93.7

77 63.6 52.2 78.4



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.78 ng

RT: 7.71 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

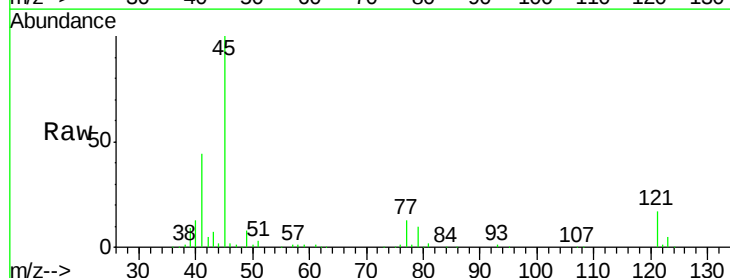
Tgt Ion: 45 Resp: 297987

Ion Ratio Lower Upper

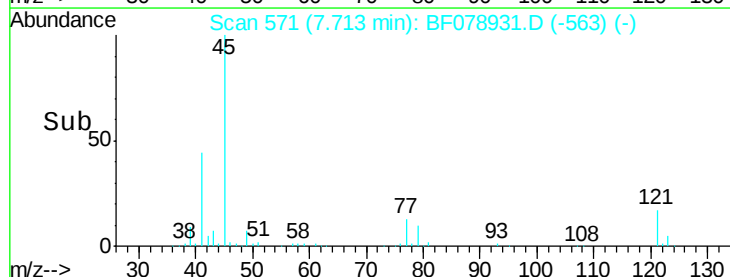
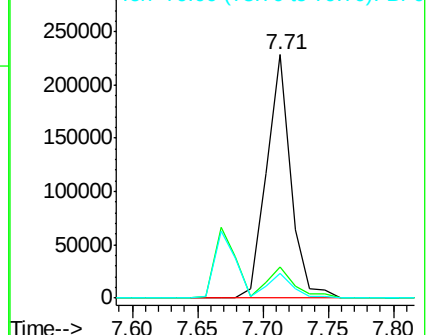
45 100

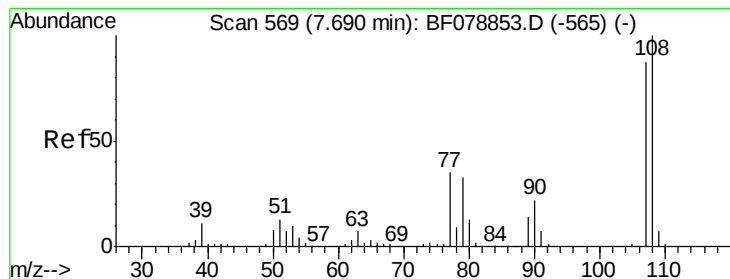
77 12.7 0.0 32.3

79 10.0 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

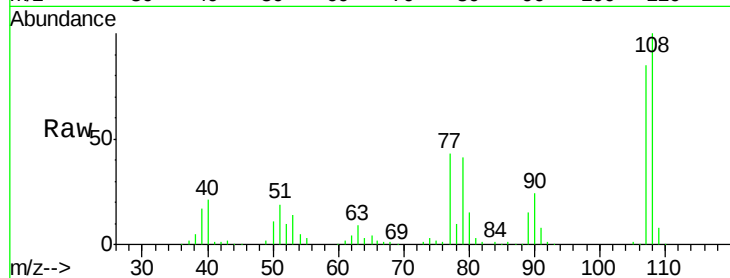




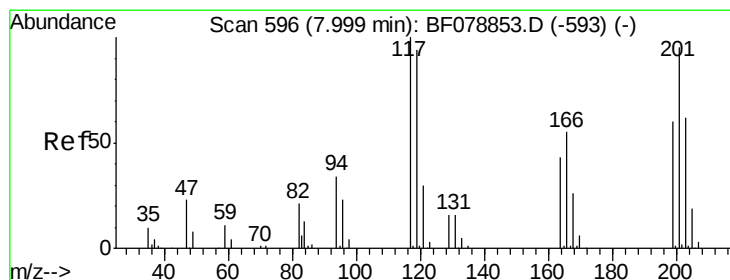
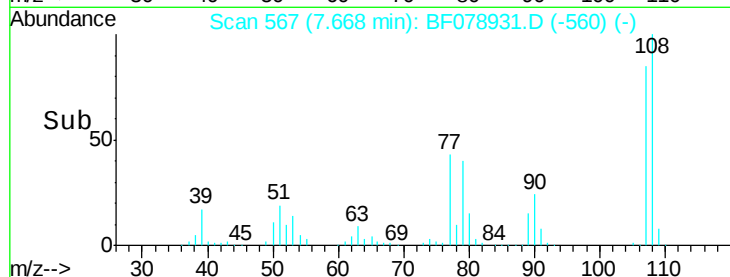
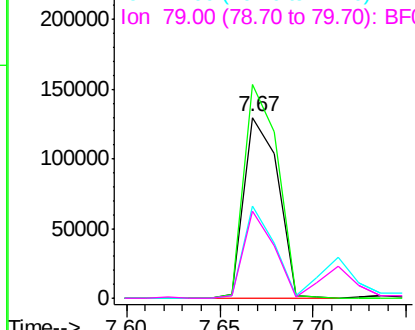
#17
2-Methylphenol
Concen: 38.16 ng
RT: 7.67 min Scan# 567
Delta R.T. -0.02 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	164075
Ion	Ratio	Lower	Upper
107	100		
108	118.1	94.9	142.3
77	50.9	36.2	54.4
79	48.1	35.2	52.8

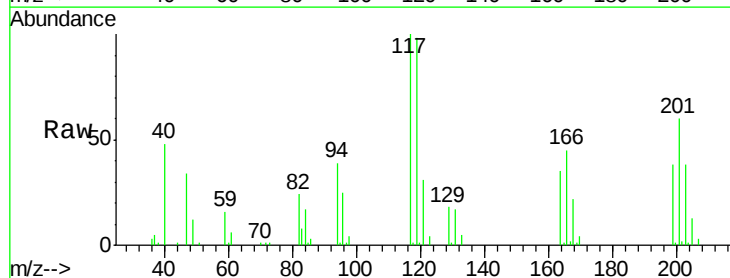


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

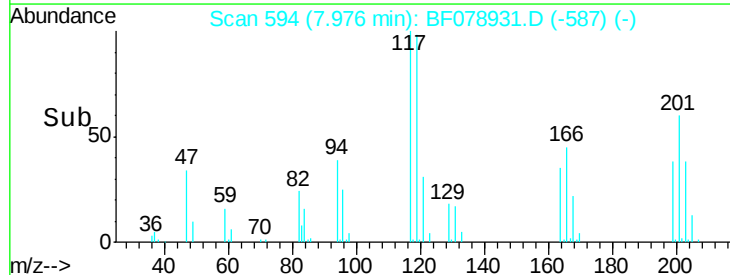
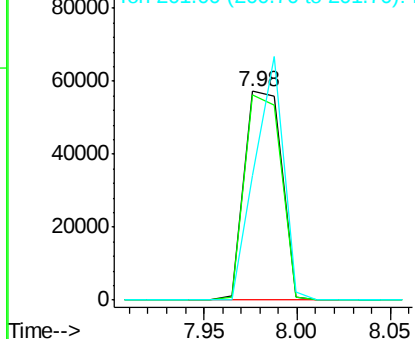


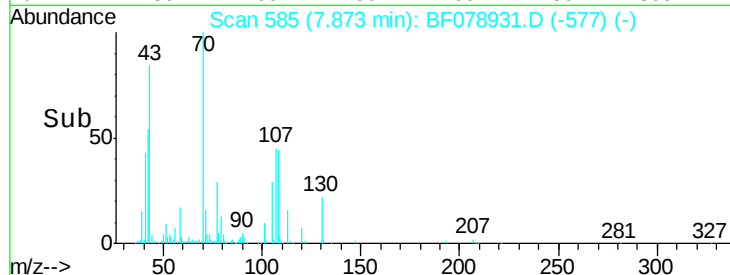
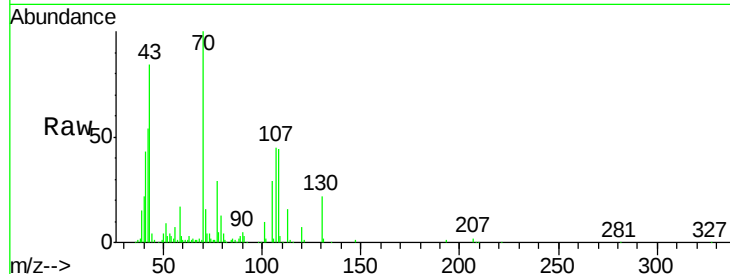
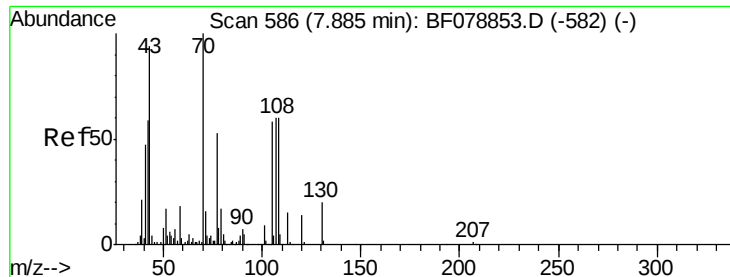
#18
Hexachloroethane
Concen: 37.02 ng
RT: 7.98 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

Tgt Ion:	117	Resp:	78809
Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.4	113.0
201	59.7	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

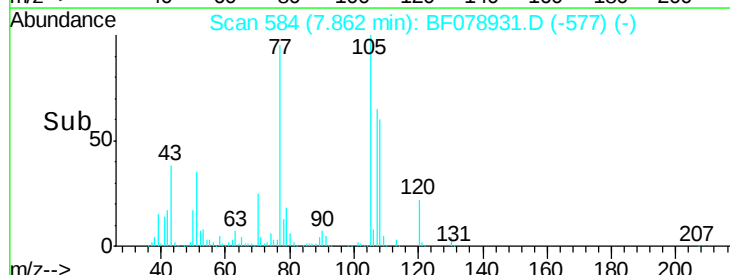
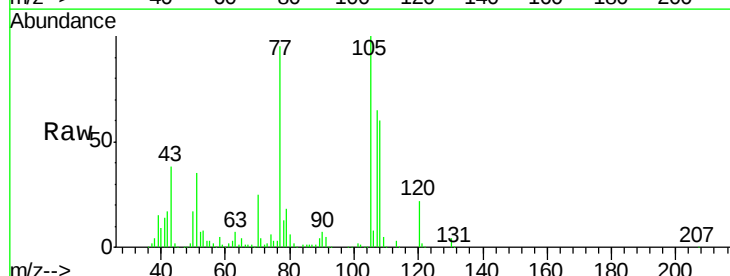
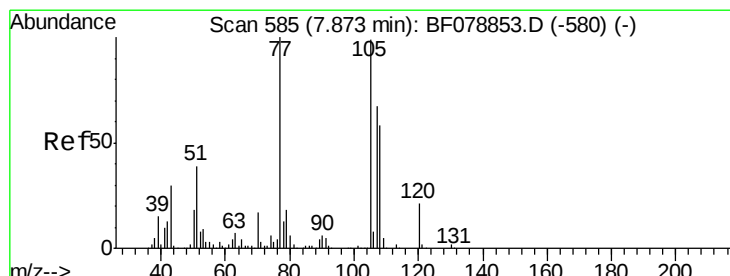
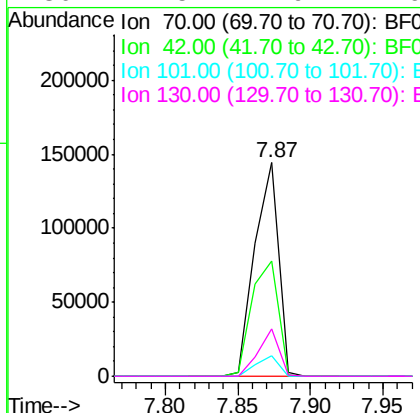




#19
n-Nitroso-di-n-propylamine
Concen: 39.08 ng
RT: 7.87 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

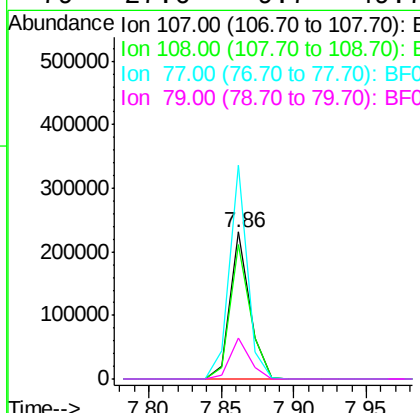
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 164369
Ion Ratio Lower Upper
70 100
42 53.8 55.4 83.0#
101 9.6 6.6 10.0
130 22.5 11.9 17.9#



#20
3+4-Methylphenols
Concen: 38.43 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

Tgt Ion: 107 Resp: 220184
Ion Ratio Lower Upper
107 100
108 91.1 76.9 116.9
77 145.3 136.8 176.8
79 27.6 9.7 49.7

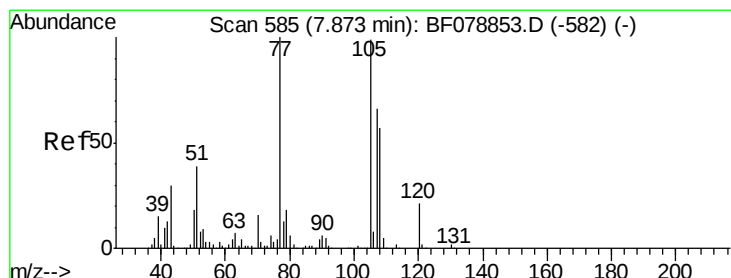
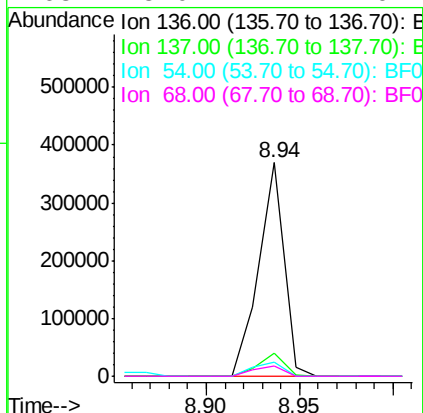
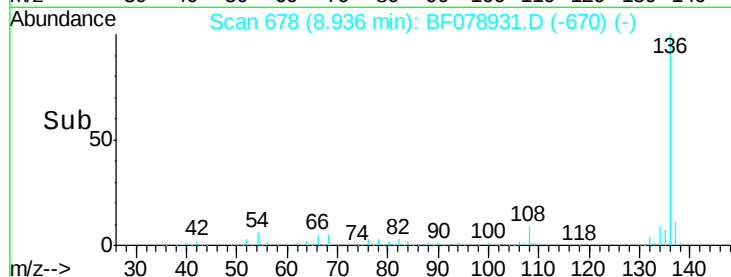
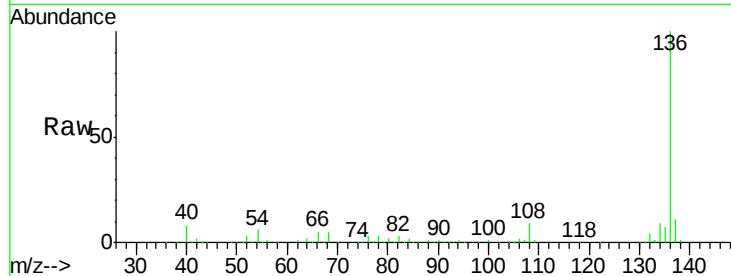




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.94 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

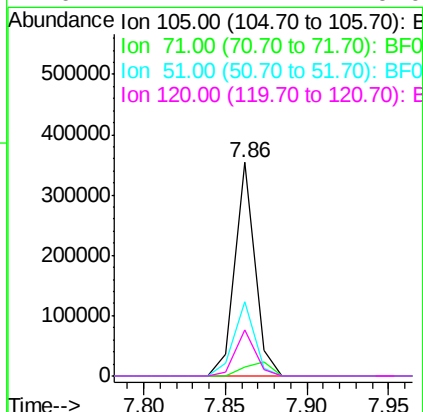
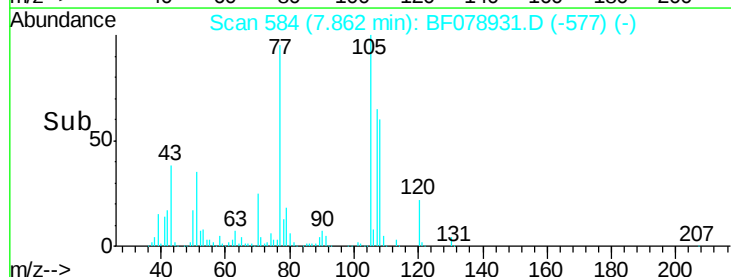
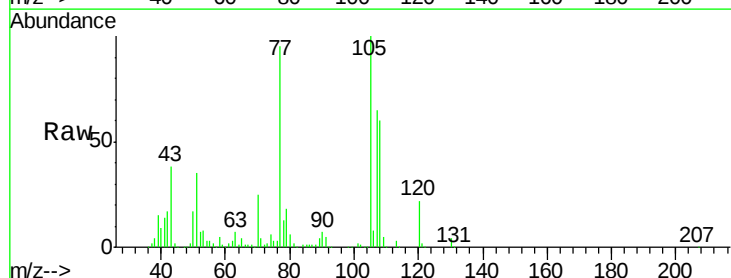
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

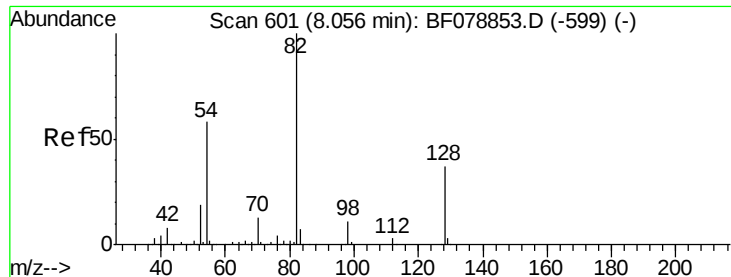
Tot Ion:136	Resp:	346713
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.7 13.1
54	6.5	5.8 8.8
68	5.0	4.2 6.4



#22
Acetophenone
Concen: 38.01 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

Tgt Ion:105	Resp:	297776
Ion Ratio	Lower	Upper
105	100	
71	4.4	4.6 6.8#
51	34.7	26.7 40.1
120	21.7	17.4 26.0

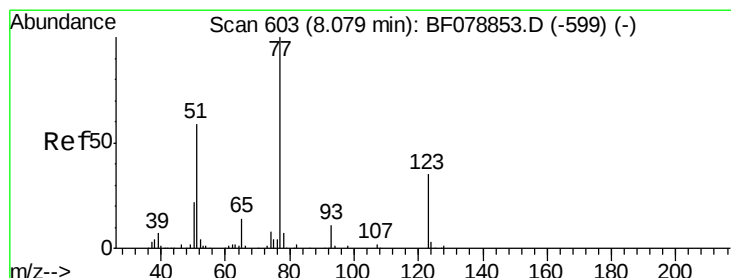
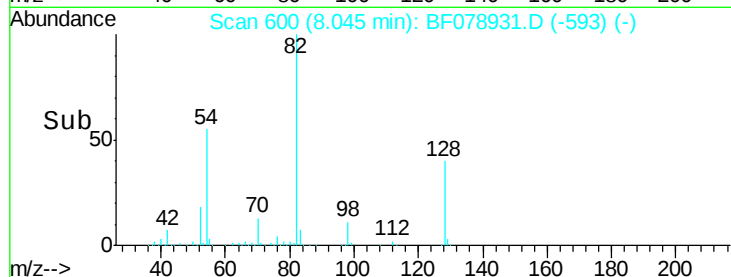
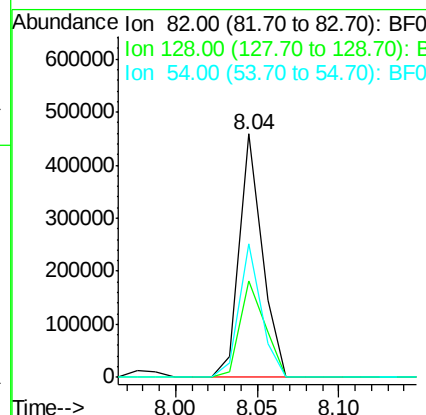
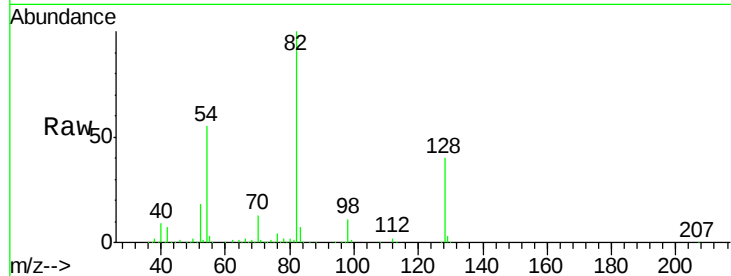




#23
 Nitrobenzene-d5
 Concen: 73.49 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

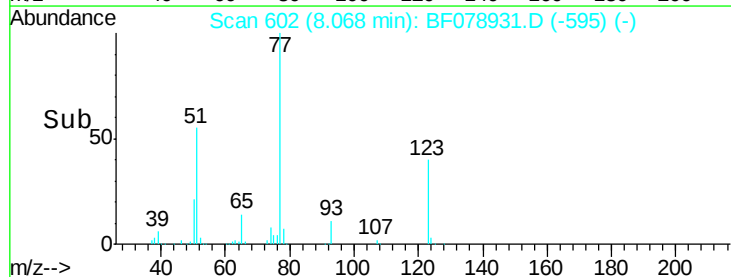
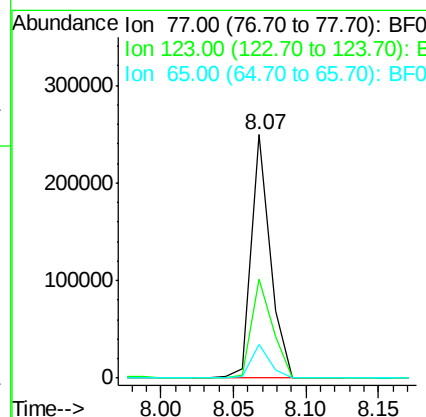
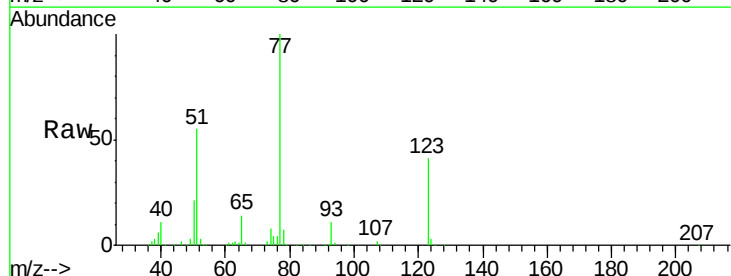
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

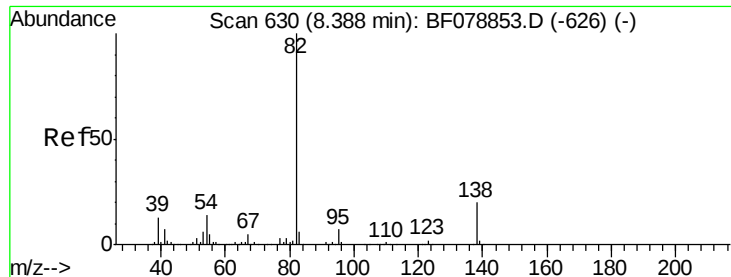
Tot Ion: 82 Resp: 443329
 Ion Ratio Lower Upper
 82 100
 128 39.5 30.0 45.0
 54 54.7 46.4 69.6



#24
 Nitrobenzene
 Concen: 37.74 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

Tgt Ion: 77 Resp: 225647
 Ion Ratio Lower Upper
 77 100
 123 40.7 31.8 47.8
 65 13.6 10.6 15.8





#25

Isophorone

Concen: 36.53 ng

RT: 8.36 min Scan# 628

Delta R.T. -0.02 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

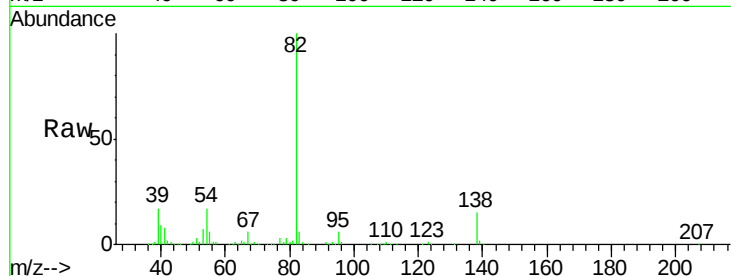
Tot Ion: 82 Resp: 408512

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

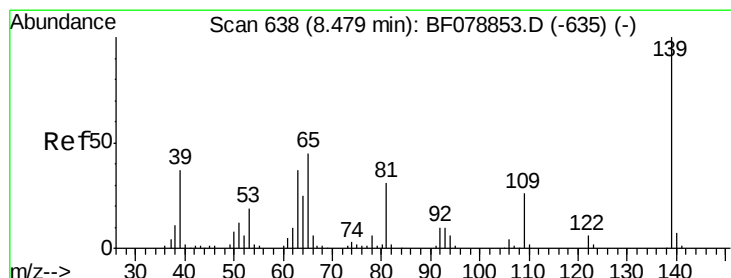
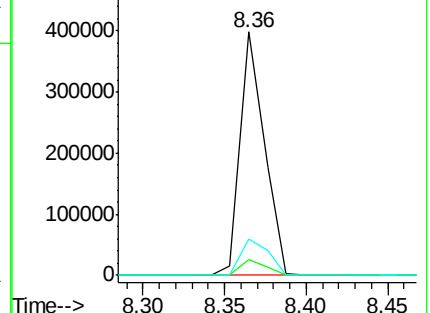
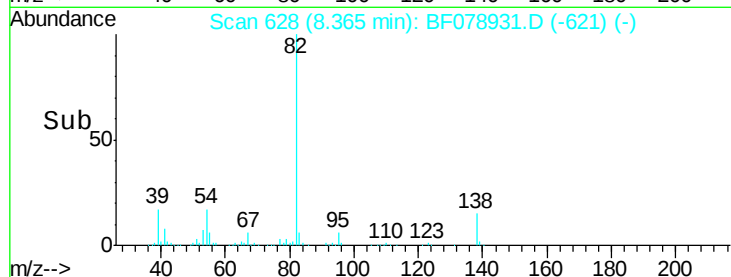
138 15.0 12.0 18.0



Abundance Ion 82.00 (81.70 to 82.70): BF078853.D (-626) (-)

Ion 95.00 (94.70 to 95.70): BF078853.D (-626) (-)

Ion 138.00 (137.70 to 138.70): BF078853.D (-626) (-)



#26

2-Nitrophenol

Concen: 37.02 ng

RT: 8.47 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

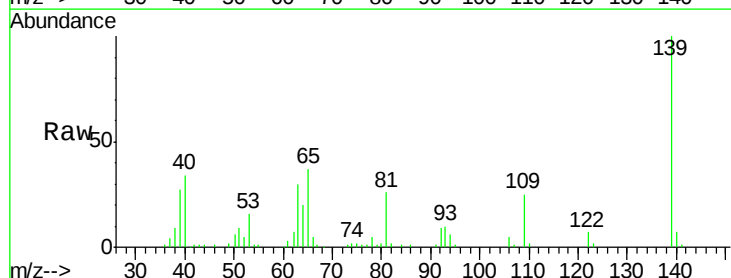
Tgt Ion: 139 Resp: 91617

Ion Ratio Lower Upper

139 100

109 25.0 21.0 31.4

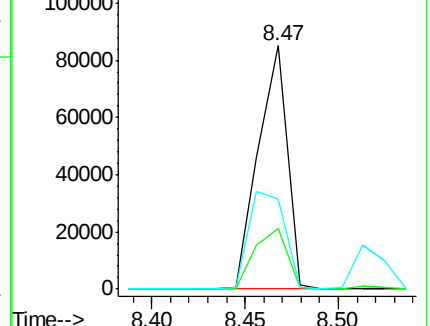
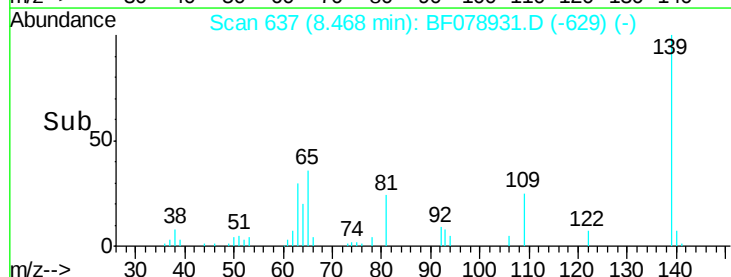
65 37.1 30.5 45.7



Abundance Ion 139.00 (138.70 to 139.70): BF078853.D (-635) (-)

Ion 109.00 (108.70 to 109.70): BF078853.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BF078853.D (-635) (-)

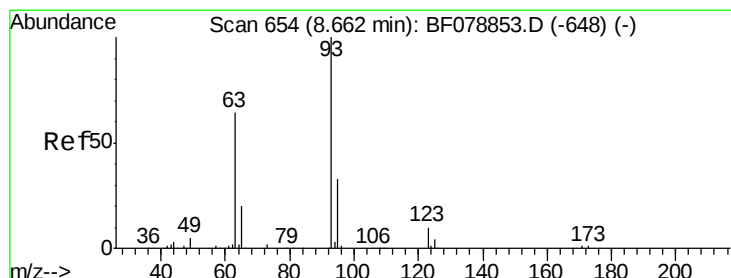
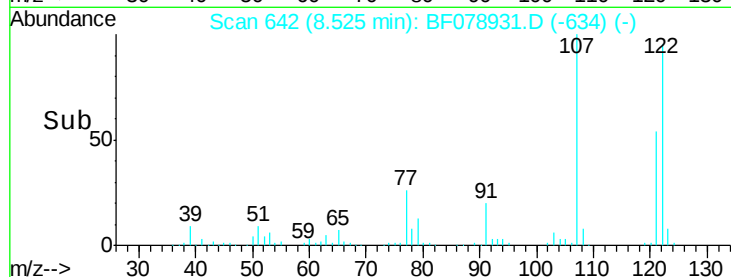
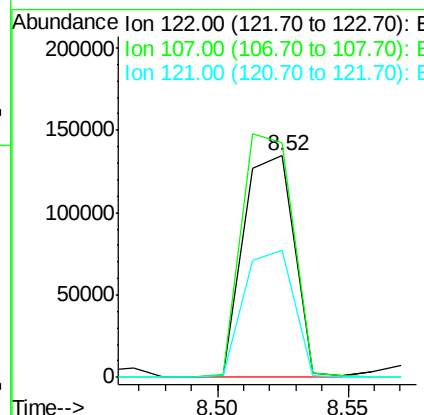
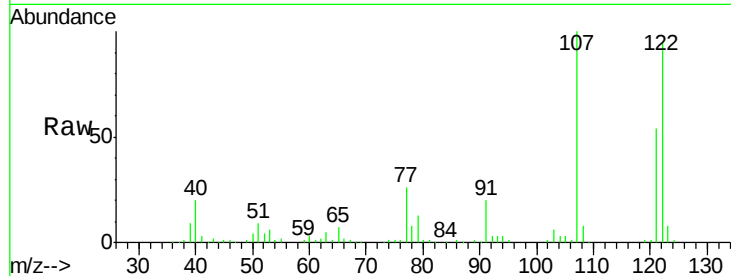




#27
 2,4-Dimethylphenol
 Concen: 36.88 ng
 RT: 8.52 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

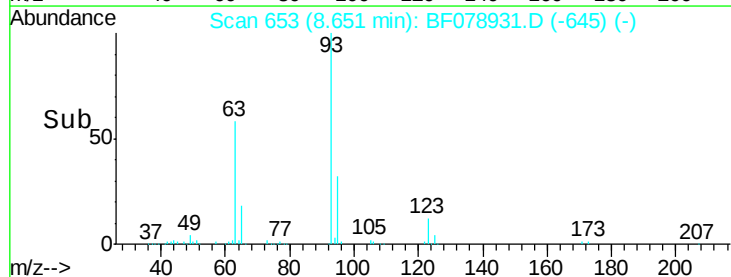
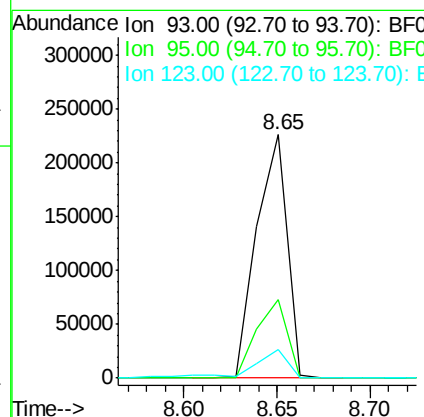
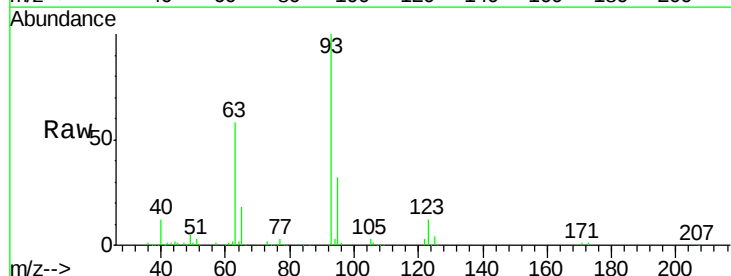
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

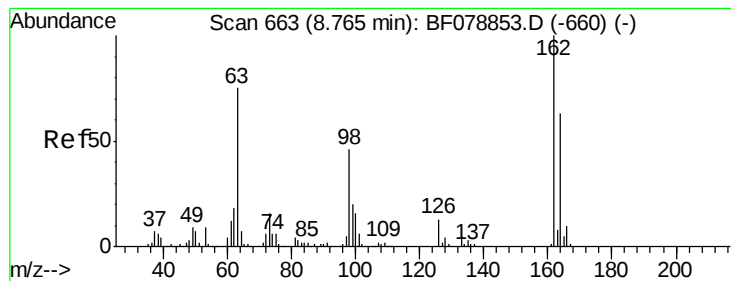
Tot Ion:122 Resp: 182669
 Ion Ratio Lower Upper
 122 100
 107 105.8 90.6 135.8
 121 57.6 45.4 68.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.92 ng
 RT: 8.65 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

Tgt Ion: 93 Resp: 254544
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.7 40.1
 123 11.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 38.68 ng

RT: 8.75 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

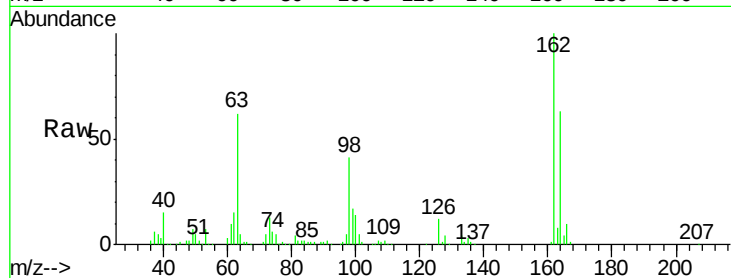
Tot Ion:162 Resp: 170367

Ion Ratio Lower Upper

162 100

164 63.2 43.6 83.6

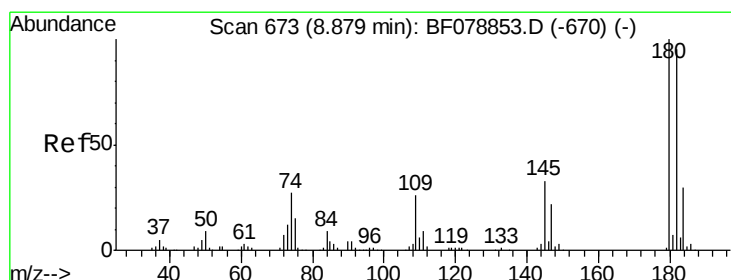
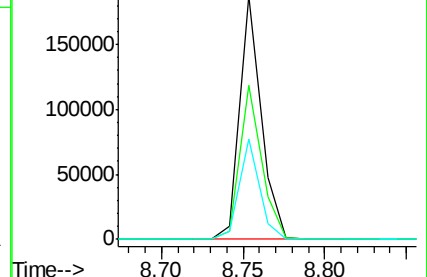
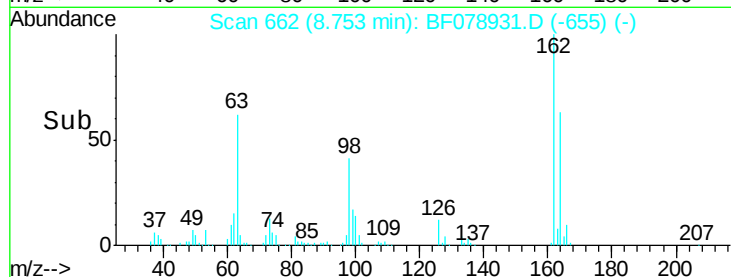
98 41.3 16.5 56.5



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: 37.72 ng

RT: 8.87 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

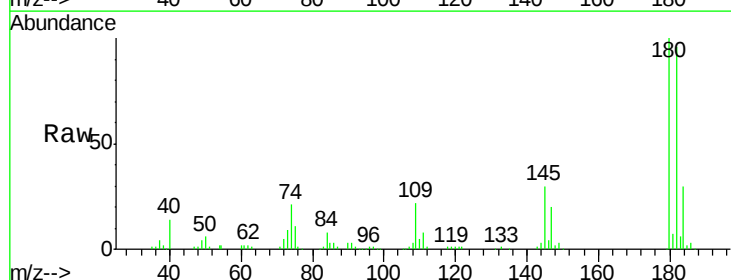
Tgt Ion:180 Resp: 182505

Ion Ratio Lower Upper

180 100

182 95.8 78.9 118.3

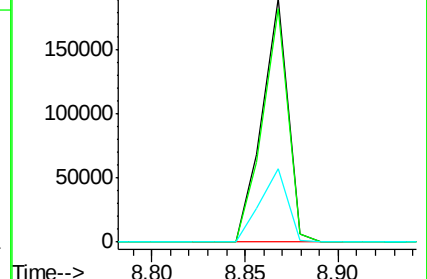
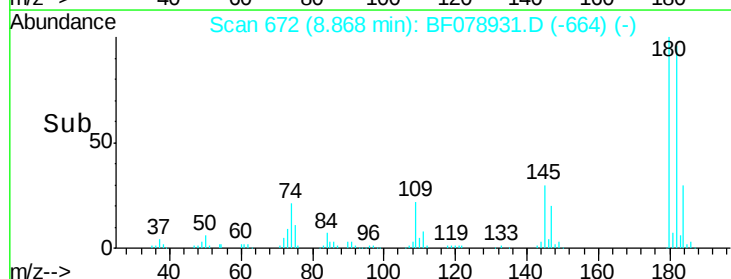
145 30.0 24.2 36.4

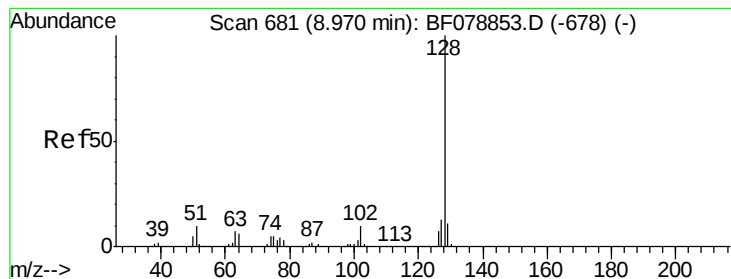


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.21 ng

RT: 8.96 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

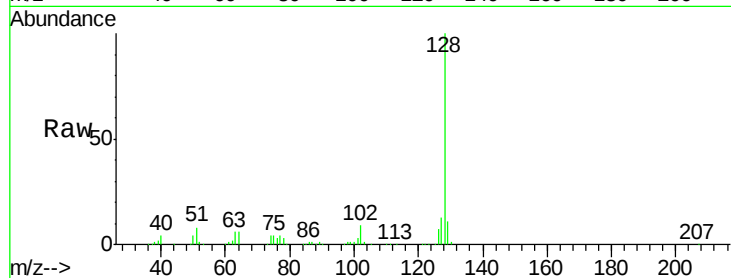
Tot Ion:128 Resp: 631250

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

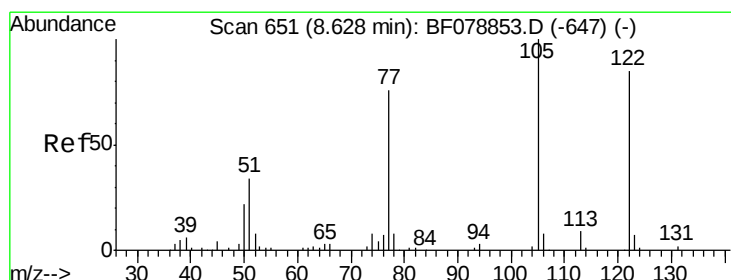
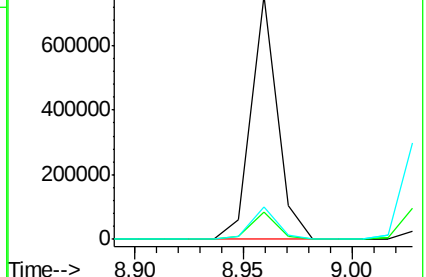
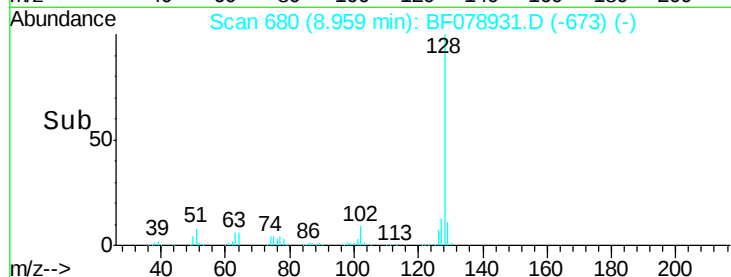
127 13.2 10.7 16.1



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: 31.38 ng

RT: 8.62 min Scan# 650

Delta R.T. -0.04 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

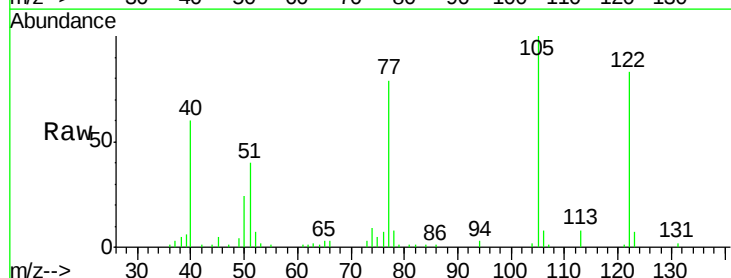
Tgt Ion:122 Resp: 89525

Ion Ratio Lower Upper

122 100

105 119.8 107.1 147.1

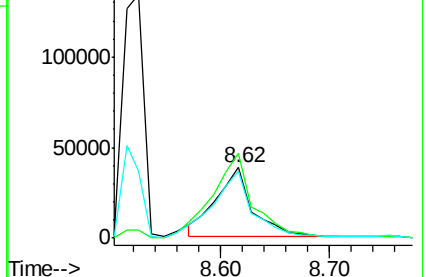
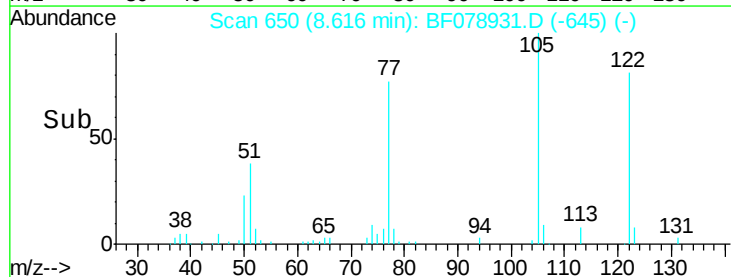
77 94.2 73.9 113.9

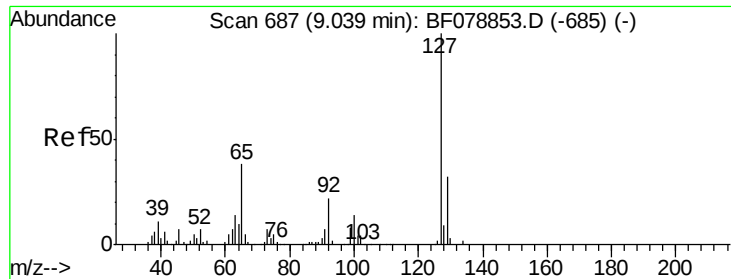


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

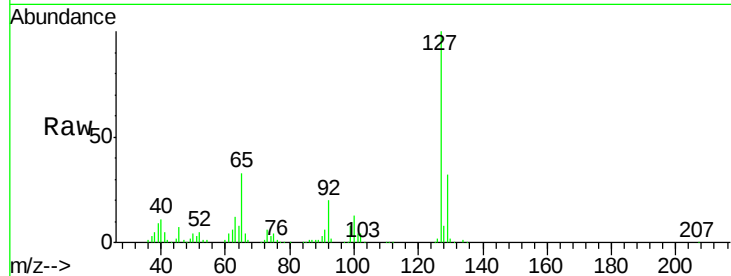




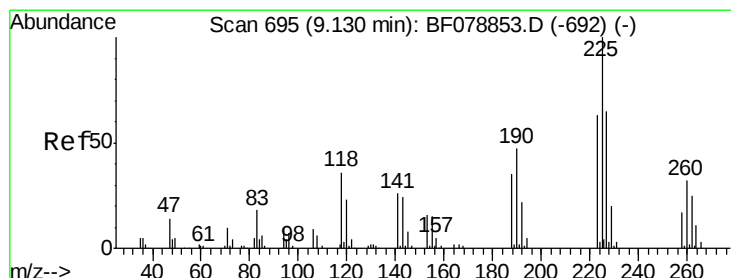
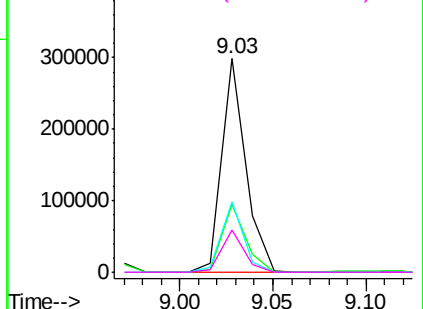
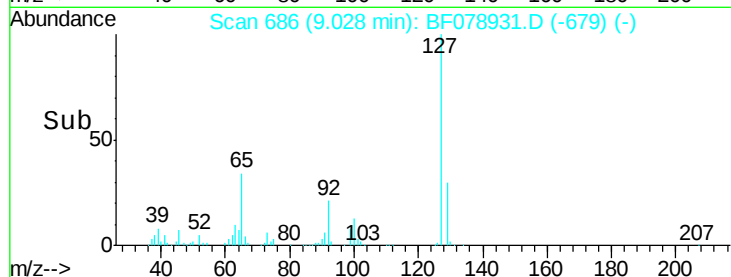
#33
4-Chloroaniline
Concen: 38.72 ng
RT: 9.03 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	270688
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.8	38.8
65	32.8	25.8	38.6
92	20.0	15.5	23.3

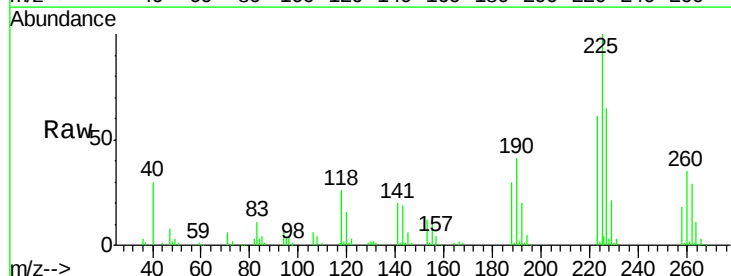


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

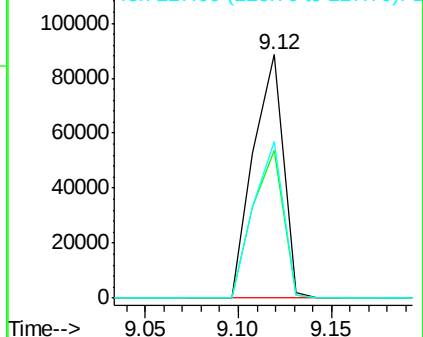
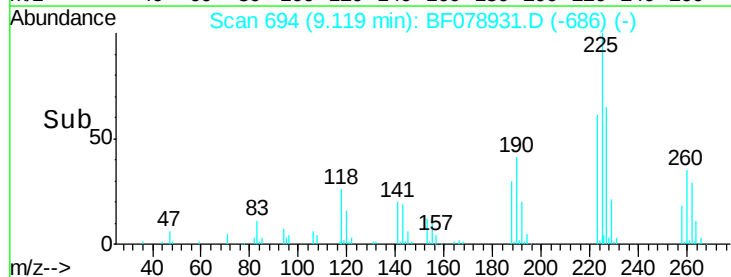


#34
Hexachlorobutadiene
Concen: 35.34 ng
RT: 9.12 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

Tgt Ion:	225	Resp:	98453
Ion	Ratio	Lower	Upper
225	100		
223	60.7	48.2	72.4
227	64.6	51.4	77.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

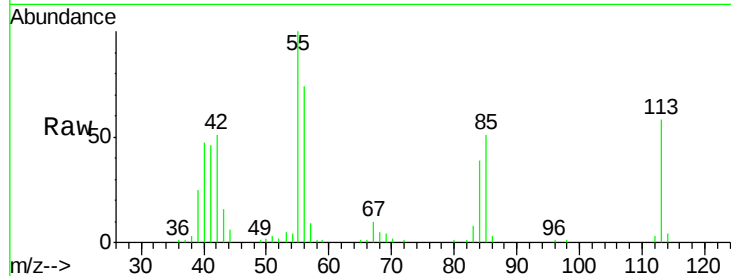




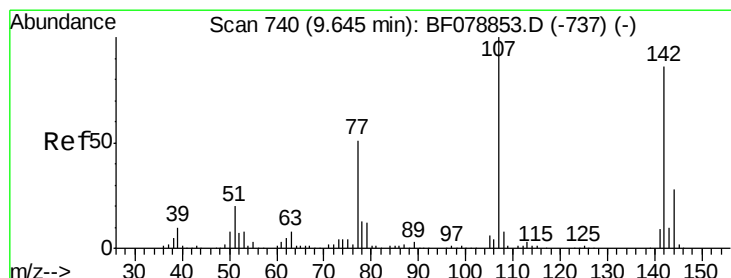
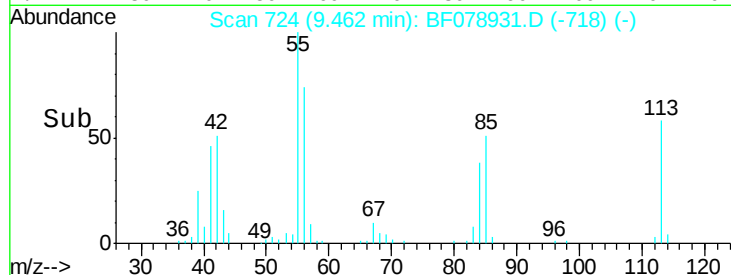
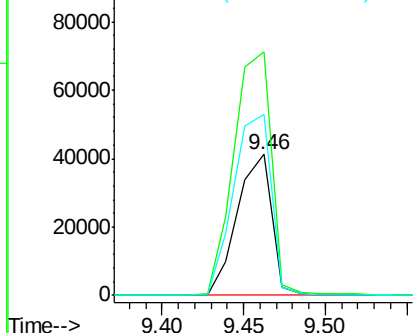
#35
Caprolactam
Concen: 42.19 ng
RT: 9.46 min Scan# 724
Delta R.T. -0.03 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion:113 Resp: 60079
Ion Ratio Lower Upper
113 100
55 172.5 169.7 209.7
56 128.4 122.5 162.5

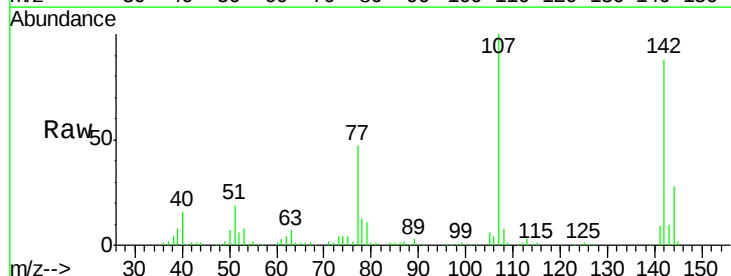


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

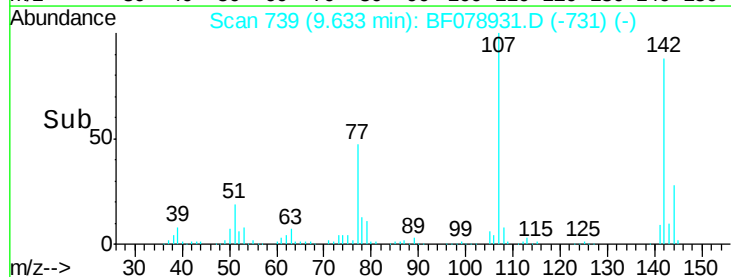
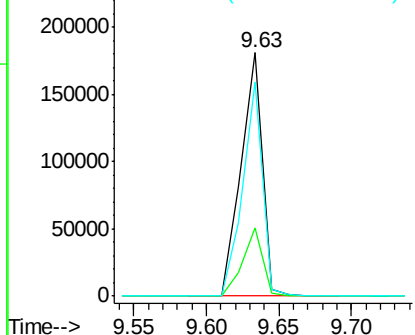


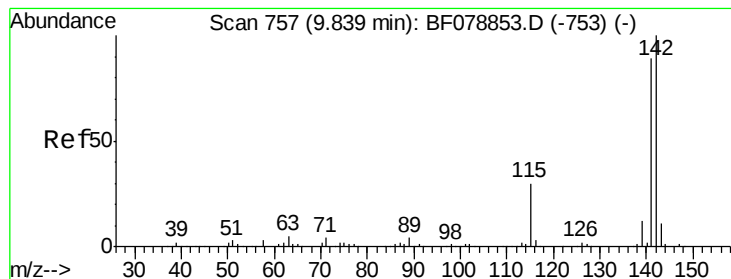
#36
4-Chloro-3-methylphenol
Concen: 40.17 ng
RT: 9.63 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

Tgt Ion:107 Resp: 185822
Ion Ratio Lower Upper
107 100
144 28.0 19.8 29.6
142 88.2 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

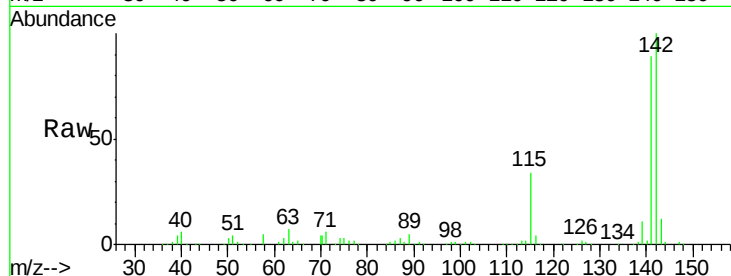




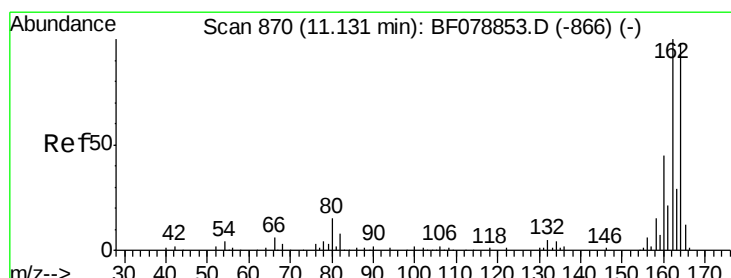
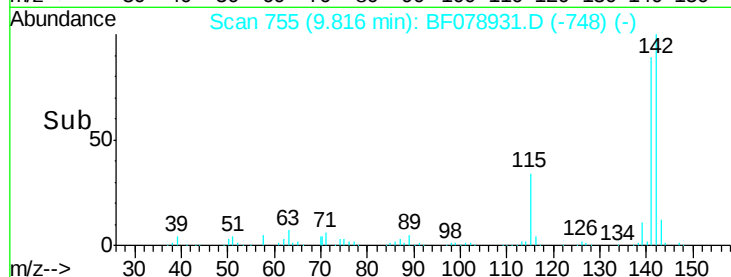
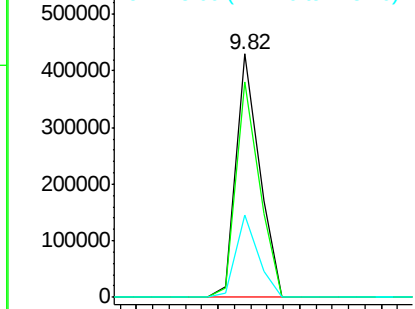
#37
2-Methylnaphthalene
Concen: 37.26 ng
RT: 9.82 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.9	106.3
115	34.1	28.5	42.7

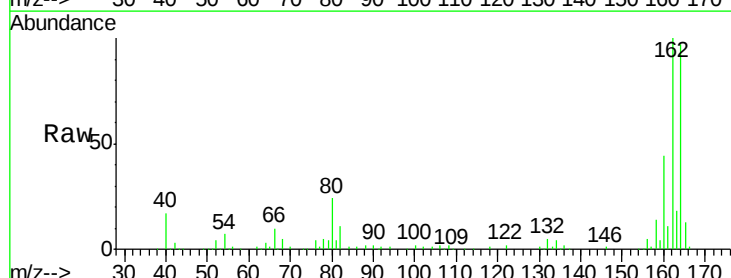


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

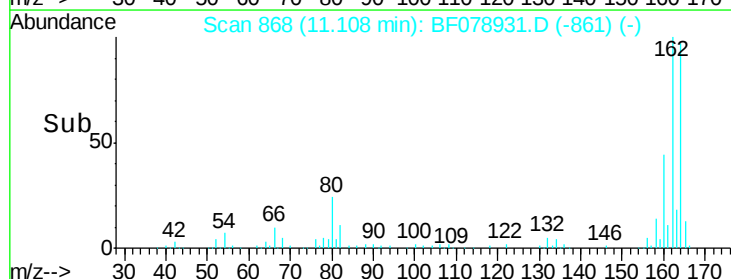
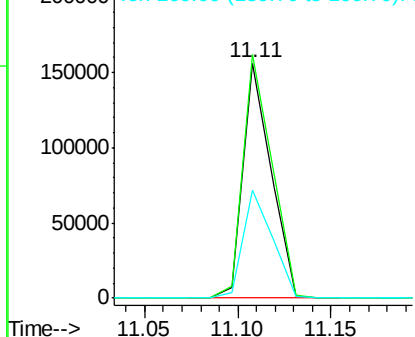


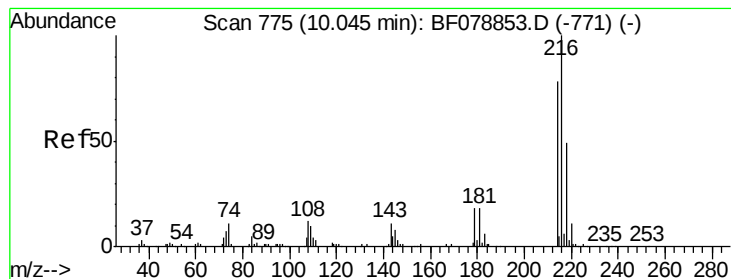
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.7	124.1
160	45.9	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: 38.03 ng

RT: 10.02 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 174822

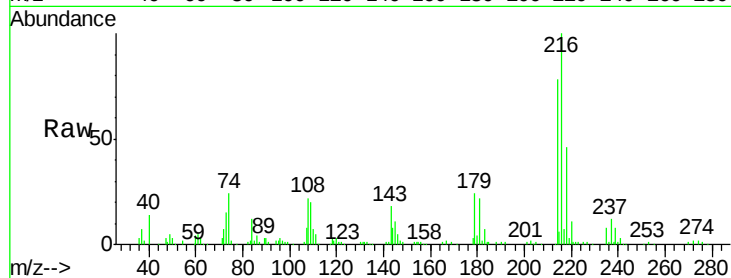
Ion Ratio Lower Upper

216 100

214 78.1 0.0 0.0#

179 22.2 0.0 0.0#

108 22.0 0.0 0.0#

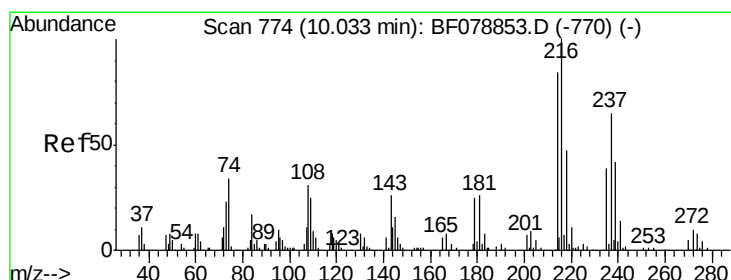
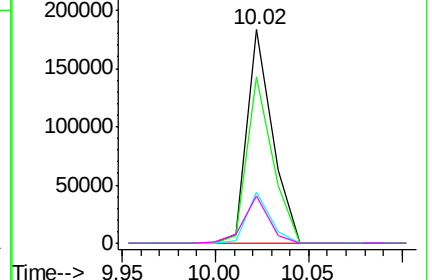
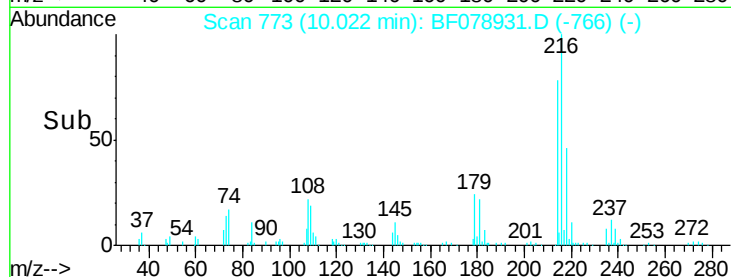


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.68 ng

RT: 10.01 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

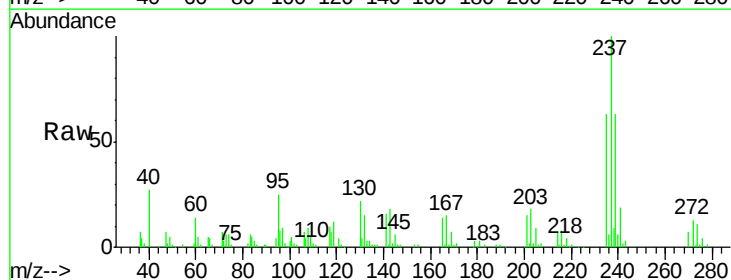
Tgt Ion:237 Resp: 84779

Ion Ratio Lower Upper

237 100

235 63.4 44.7 84.7

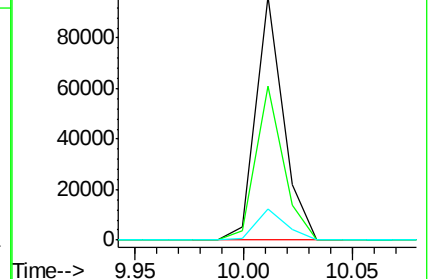
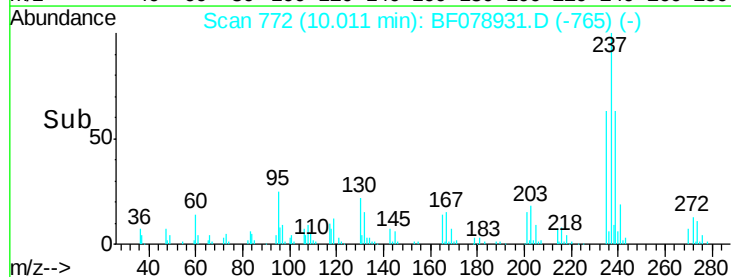
272 13.0 0.0 32.6



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

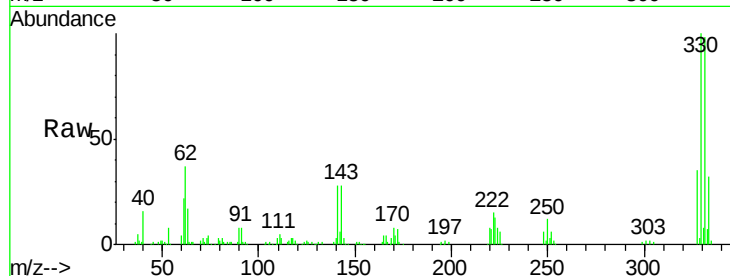




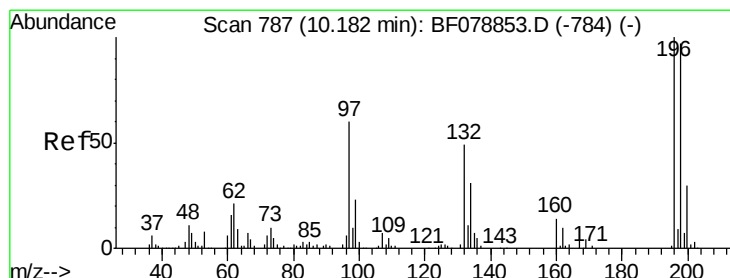
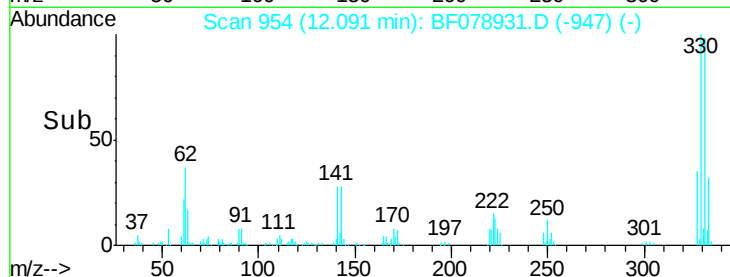
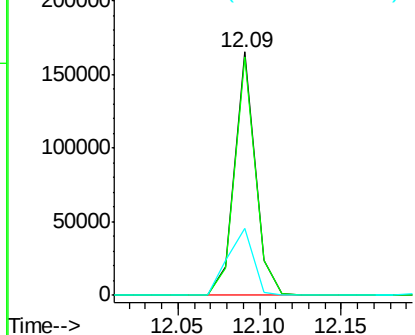
#41
 2,4,6-Tribromophenol
 Concen: 81.85 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.02 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 144512
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 34.0 0.0 0.0#

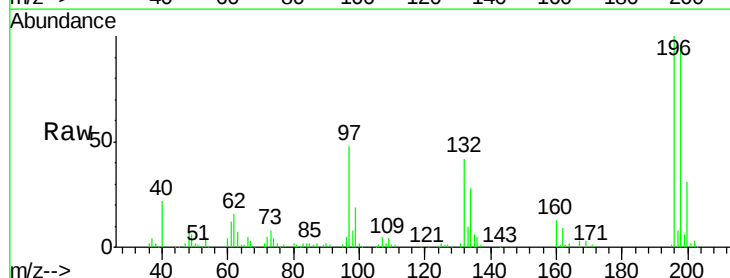


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

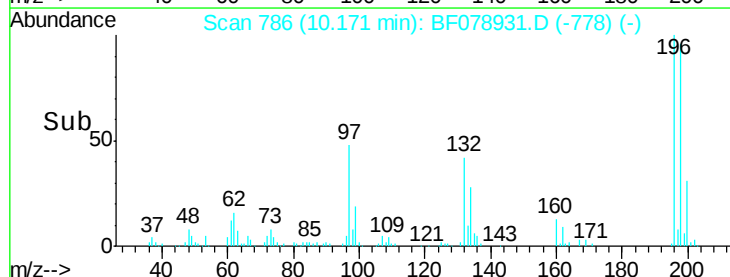
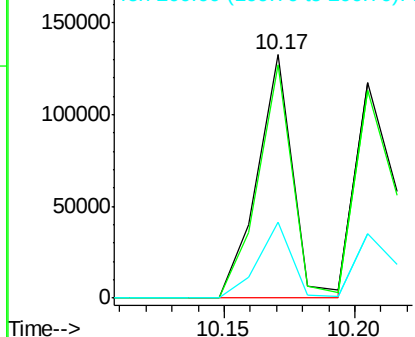


#42
 2,4,6-Trichlorophenol
 Concen: 39.76 ng
 RT: 10.17 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

Tgt Ion:196 Resp: 125627
 Ion Ratio Lower Upper
 196 100
 198 95.6 80.5 120.7
 200 31.0 24.9 37.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

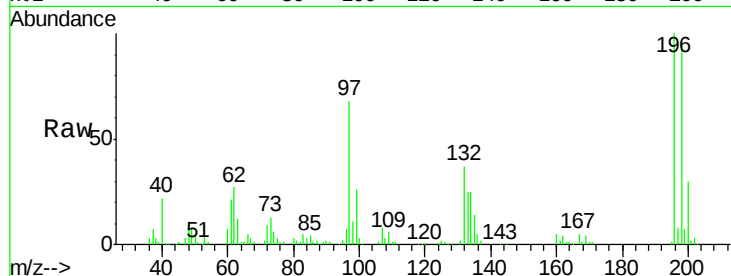




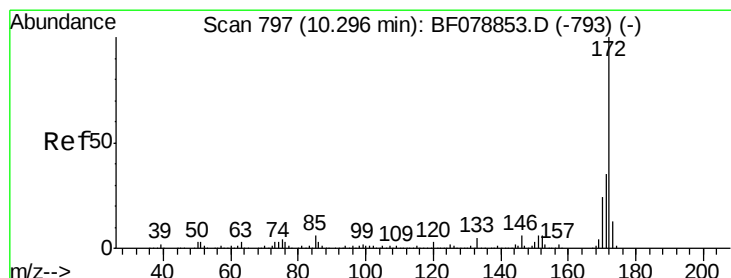
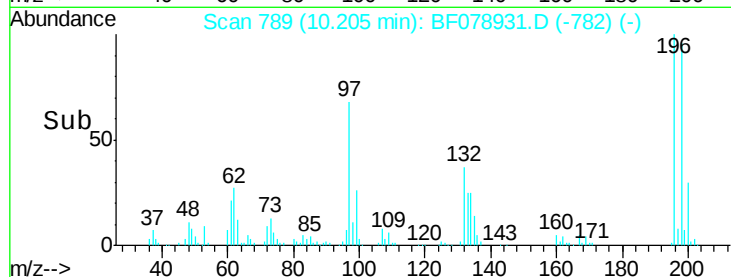
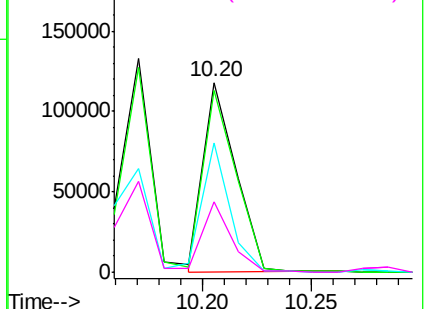
#43
 2,4,5-Trichlorophenol
 Concen: 38.23 ng
 RT: 10.20 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	122127
Ion	Ratio	Lower	Upper
196	100		
198	95.9	79.8	119.6
97	68.5	46.0	69.0
132	37.3	26.6	40.0

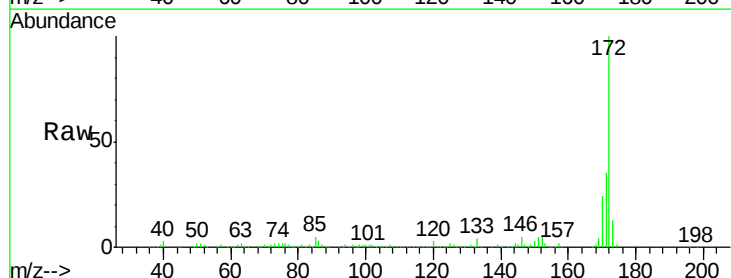


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

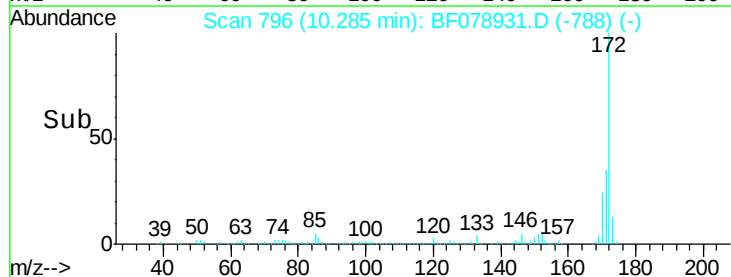
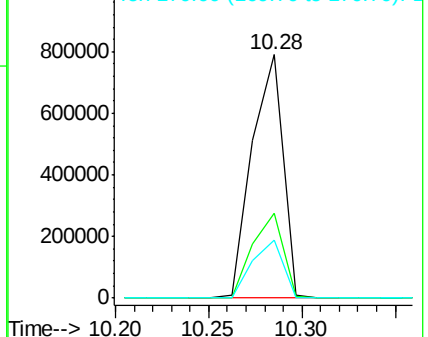


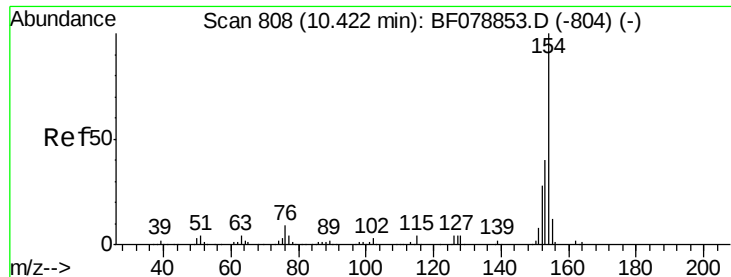
#44
 2-Fluorobiphenyl
 Concen: 77.44 ng
 RT: 10.28 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

Tgt Ion:	172	Resp:	907117
Ion	Ratio	Lower	Upper
172	100		
171	34.7	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

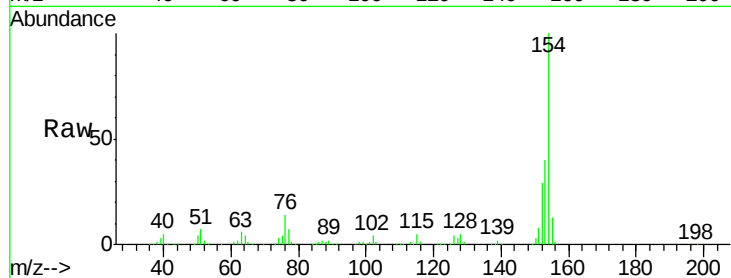




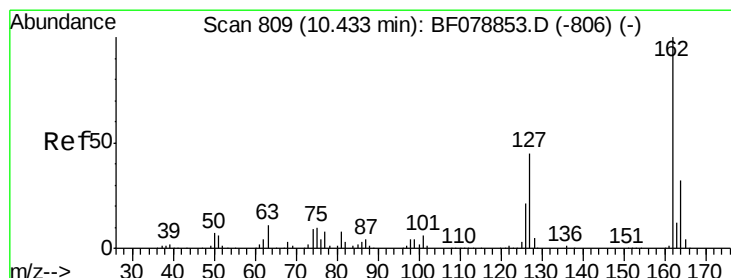
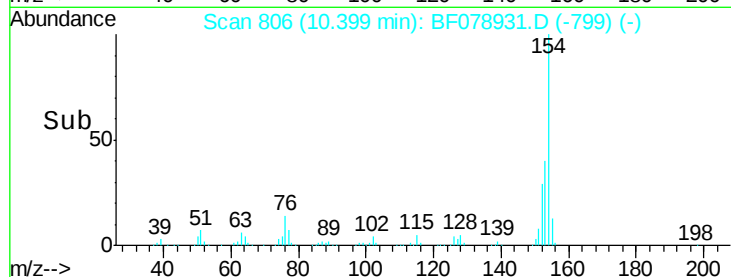
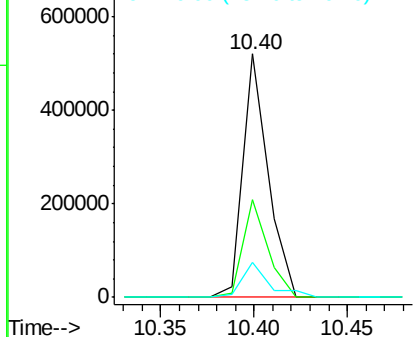
#45
 1,1'-Biphenyl
 Concen: 37.56 ng
 RT: 10.40 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 487260
 Ion Ratio Lower Upper
 154 100
 153 39.9 19.9 59.9
 76 14.5 0.0 35.0

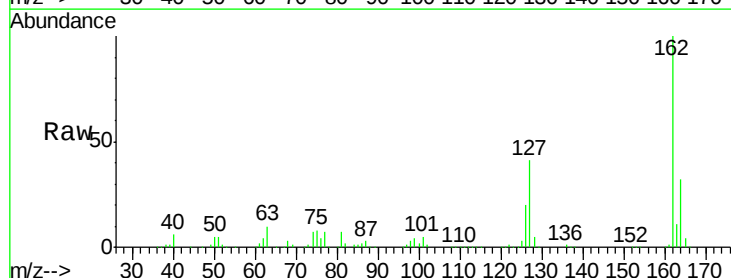


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

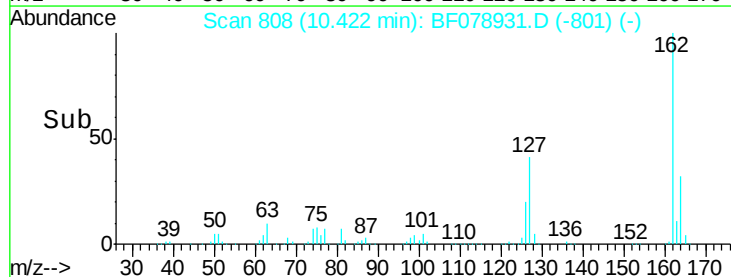
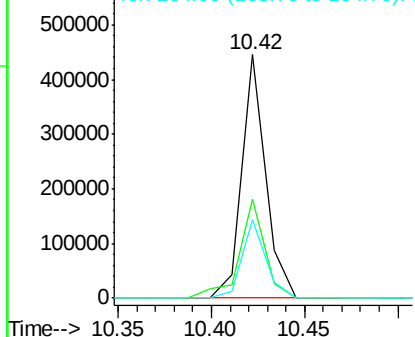


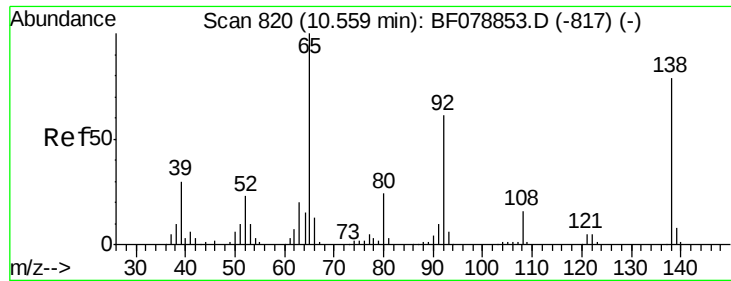
#46
 2-Chloronaphthalene
 Concen: 39.09 ng
 RT: 10.42 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

Tgt Ion:162 Resp: 395626
 Ion Ratio Lower Upper
 162 100
 127 40.6 33.9 50.9
 164 32.5 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

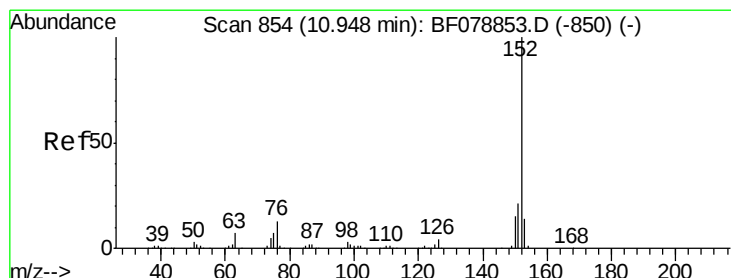
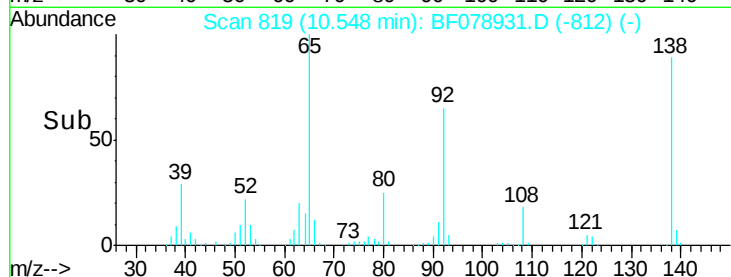
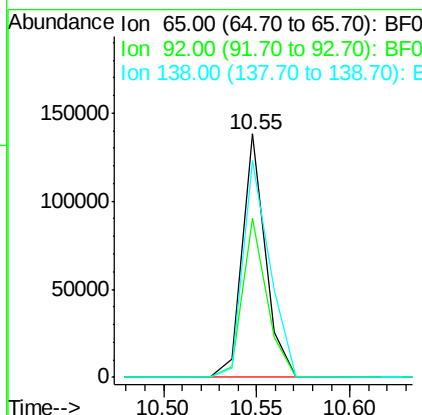
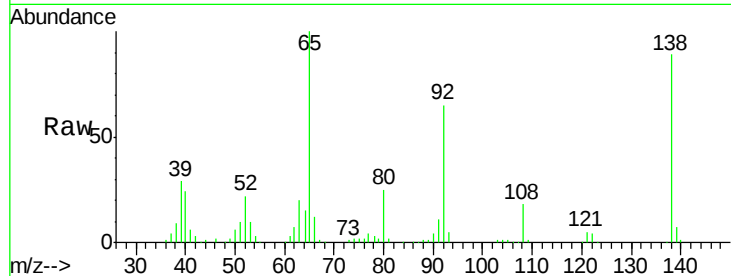




#47
 2-Nitroaniline
 Concen: 40.93 ng
 RT: 10.55 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

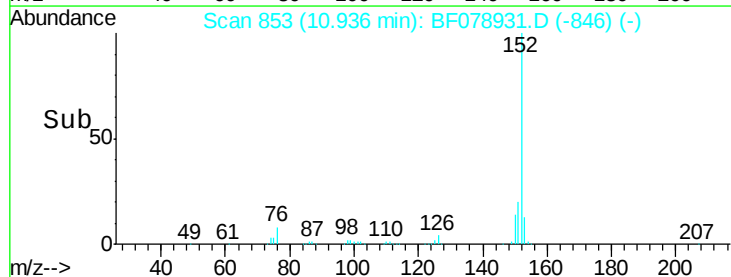
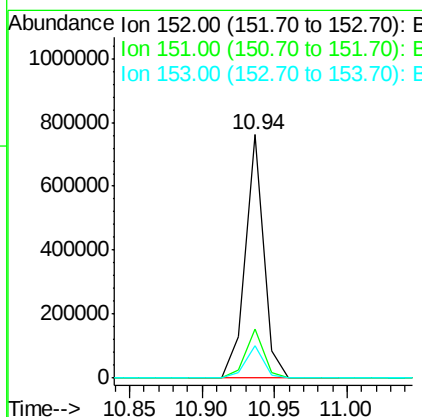
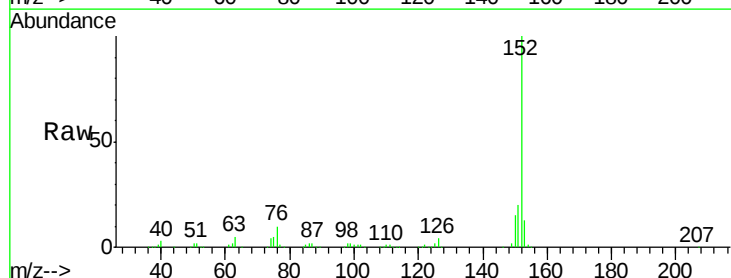
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

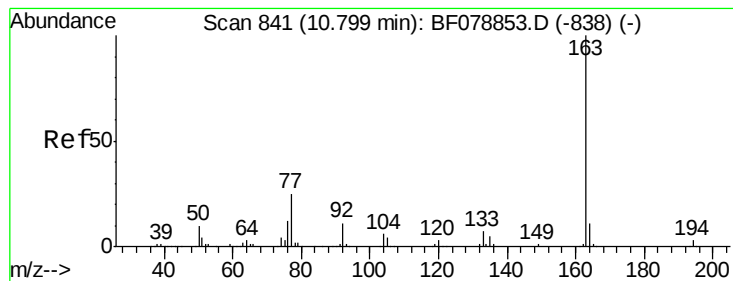
Tot Ion: 65 Resp: 120016
 Ion Ratio Lower Upper
 65 100
 92 65.2 54.0 81.0
 138 89.3 75.0 112.6



#48
 Acenaphthylene
 Concen: 40.46 ng
 RT: 10.94 min Scan# 853
 Delta R.T. -0.02 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

Tgt Ion: 152 Resp: 672388
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4
 153 13.5 10.9 16.3





#49

Dimethylphthalate

Concen: 38.39 ng

RT: 10.79 min Scan# 840

Delta R.T. -0.02 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

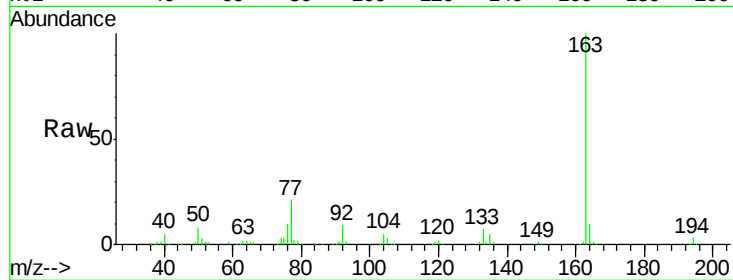
Tot Ion:163 Resp: 459797

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

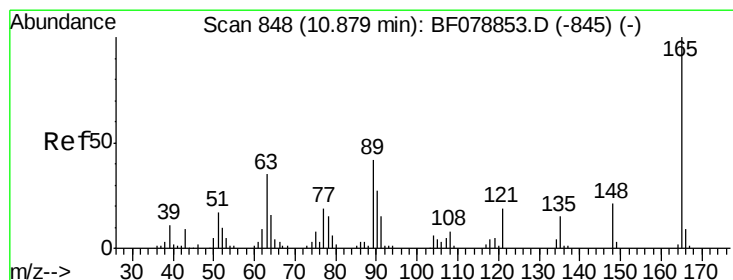
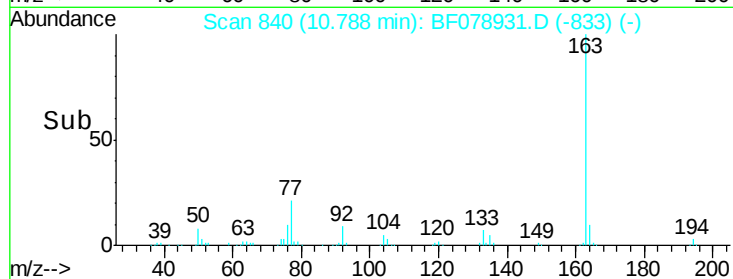
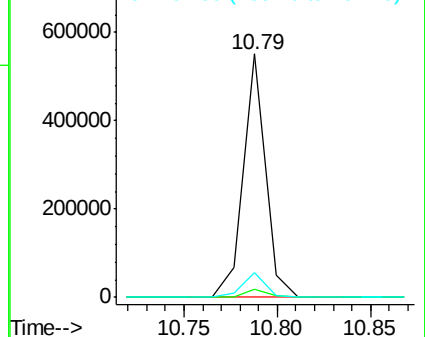
164 10.3 8.1 12.1



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: 39.75 ng

RT: 10.86 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

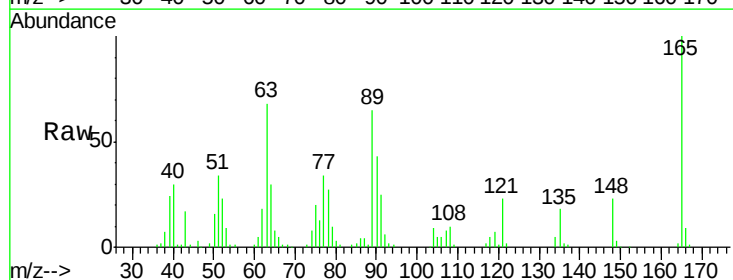
Tgt Ion:165 Resp: 93954

Ion Ratio Lower Upper

165 100

63 67.7 54.4 81.6

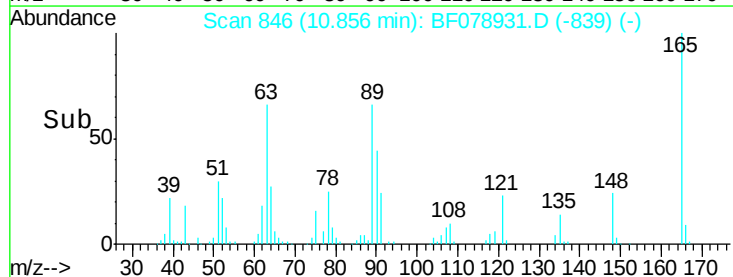
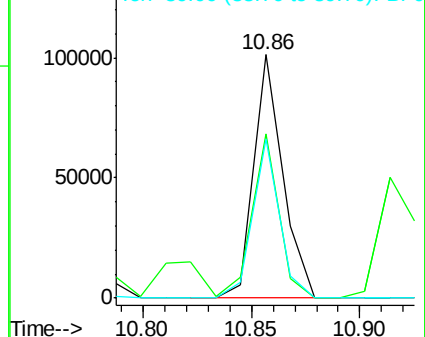
89 65.5 55.7 83.5

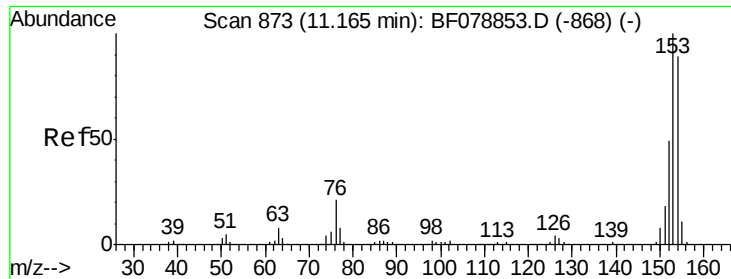


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

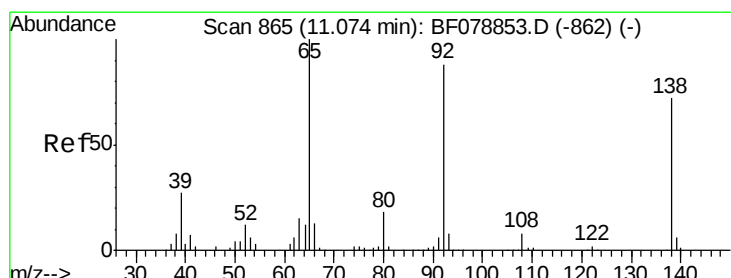
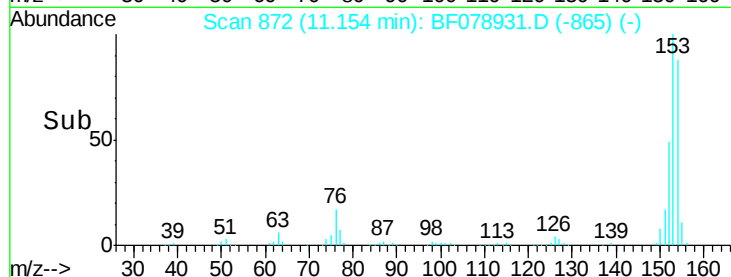
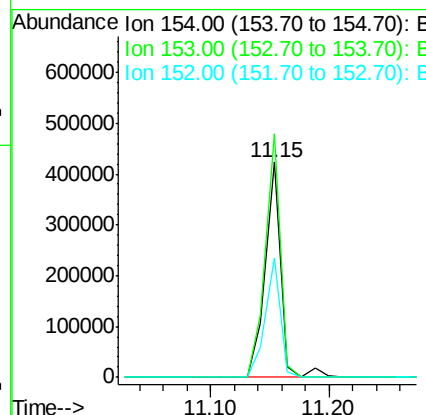
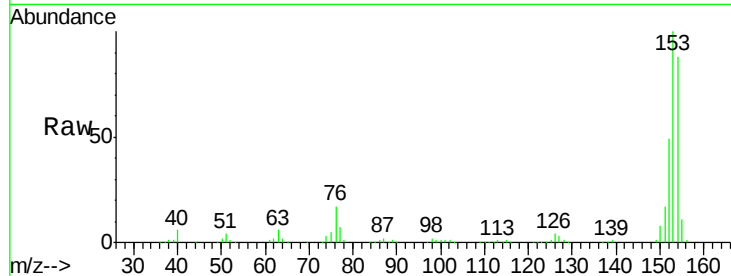




#51
Acenaphthene
Concen: 40.06 ng
RT: 11.15 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

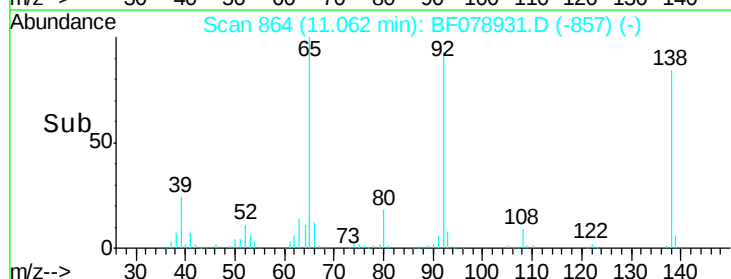
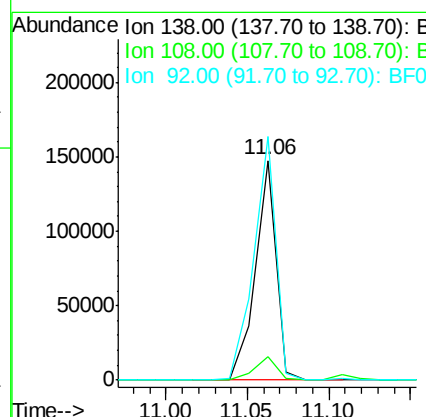
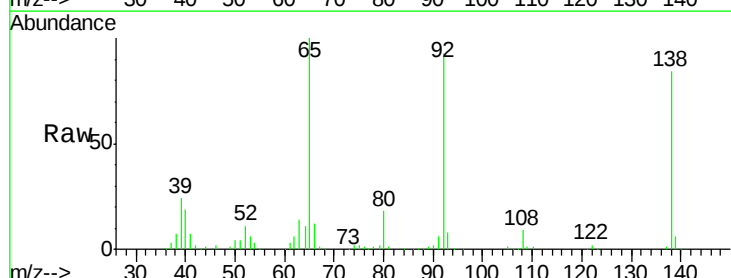
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

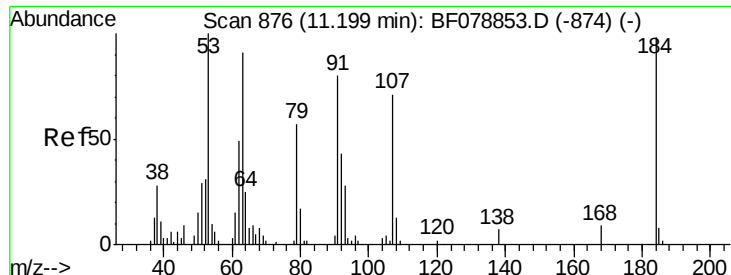
Tot Ion:154 Resp: 396932
Ion Ratio Lower Upper
154 100
153 113.1 91.5 137.3
152 55.3 44.2 66.4



#52
3-Nitroaniline
Concen: 44.20 ng
RT: 11.06 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

Tgt Ion:138 Resp: 130512
Ion Ratio Lower Upper
138 100
108 10.5 10.6 16.0#
92 110.7 81.8 122.6

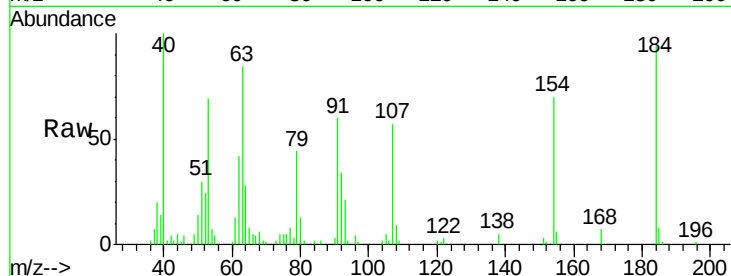




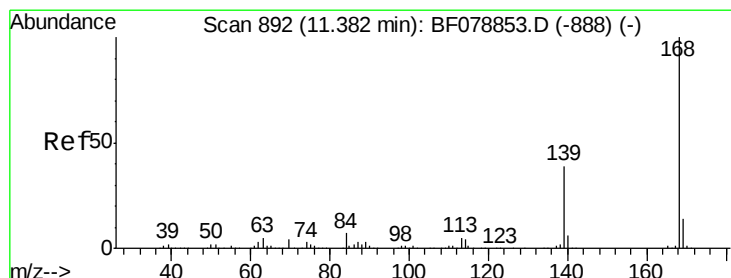
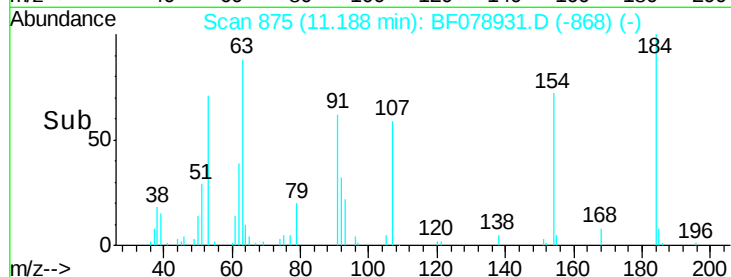
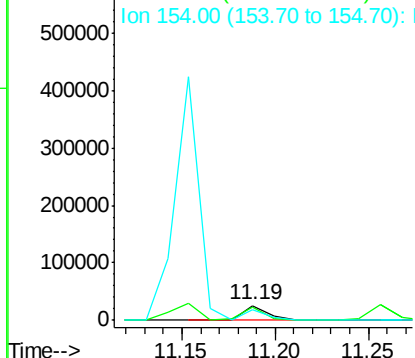
#53
2,4-Dinitrophenol
Concen: 37.96 ng
RT: 11.19 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 24158
Ion Ratio Lower Upper
184 100
63 89.2 63.3 94.9
154 74.2 53.8 80.6

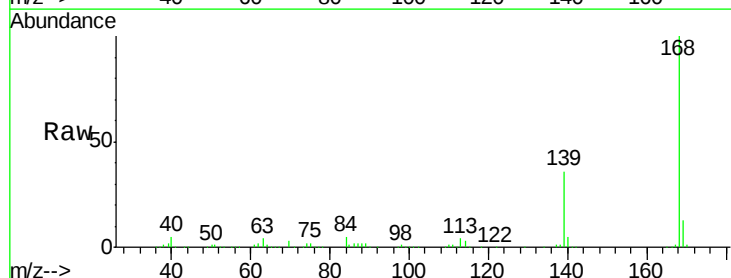


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

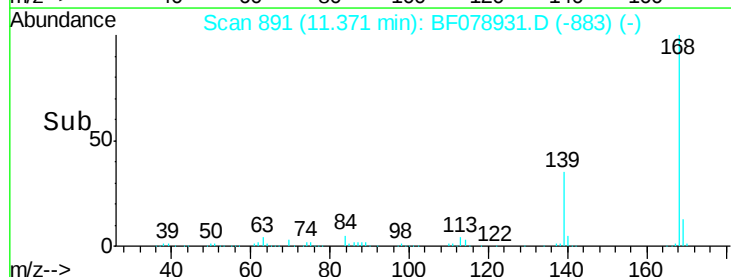
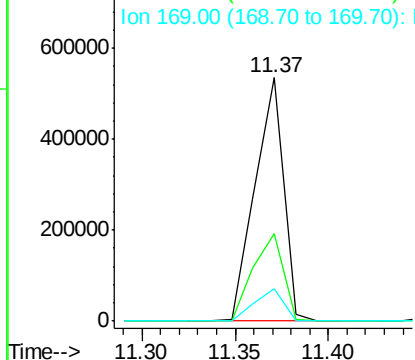


#54
Dibenzofuran
Concen: 39.35 ng
RT: 11.37 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

Tgt Ion:168 Resp: 563291
Ion Ratio Lower Upper
168 100
139 35.8 31.0 46.4
169 13.1 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

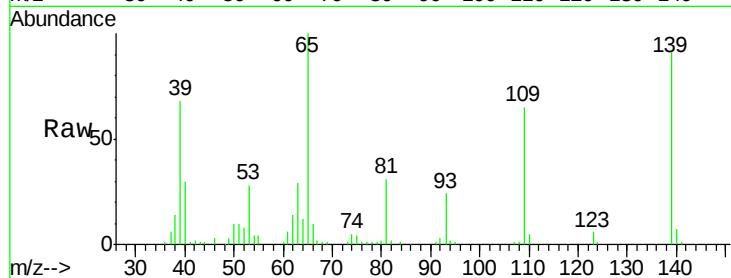




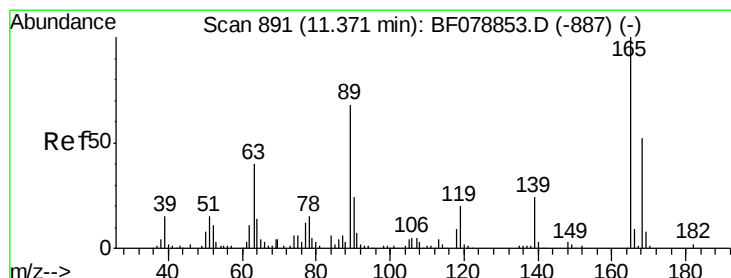
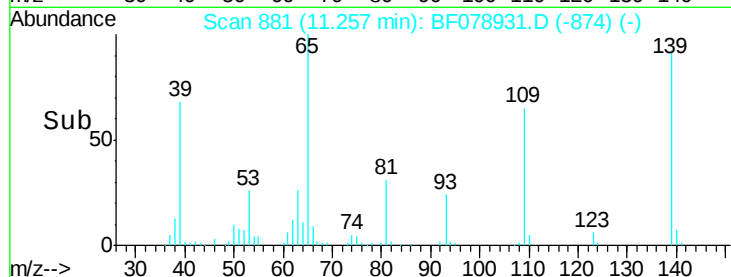
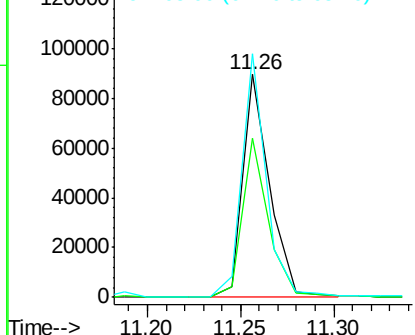
#55
4-Nitrophenol
Concen: 38.42 ng
RT: 11.26 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 89794
Ion Ratio Lower Upper
139 100
109 71.2 47.6 87.6
65 109.3 54.3 94.3#

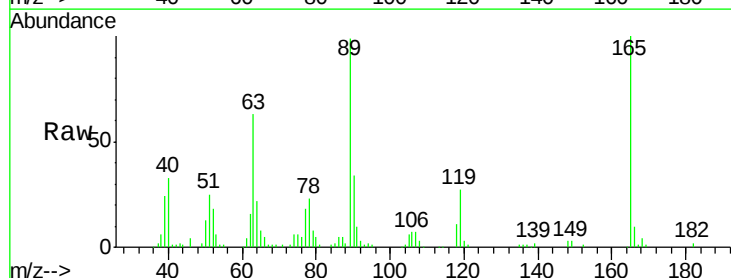


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

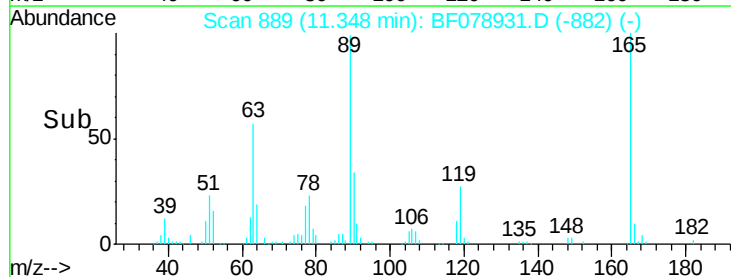
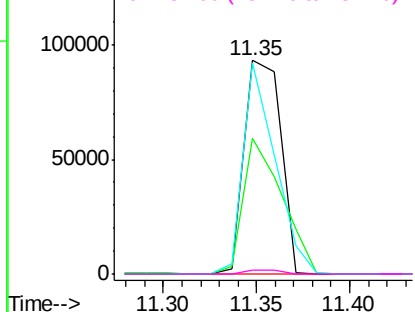


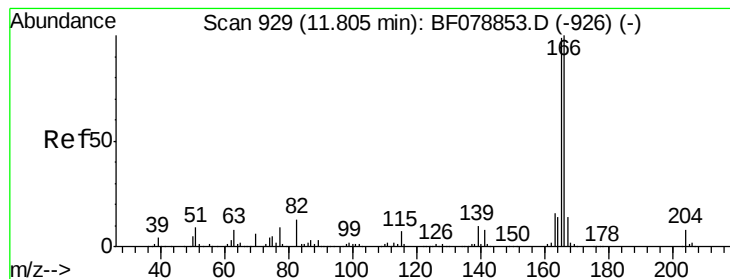
#56
2,4-Dinitrotoluene
Concen: 40.45 ng
RT: 11.35 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

Tgt Ion:165 Resp: 126393
Ion Ratio Lower Upper
165 100
63 63.4 51.2 76.8
89 98.7 82.7 124.1
182 1.9 1.4 2.2



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.53 ng

RT: 11.79 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

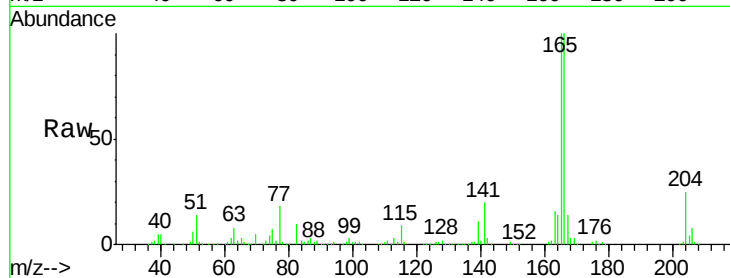
Tot Ion:166 Resp: 464444

Ion Ratio Lower Upper

166 100

165 99.9 78.5 117.7

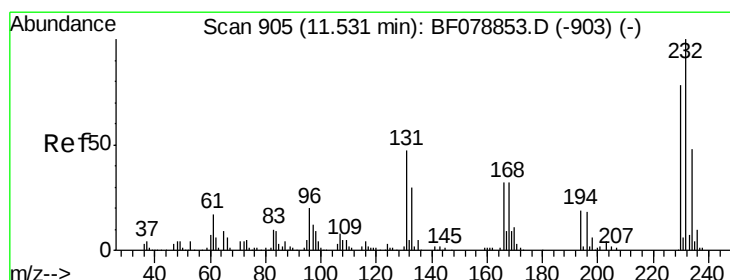
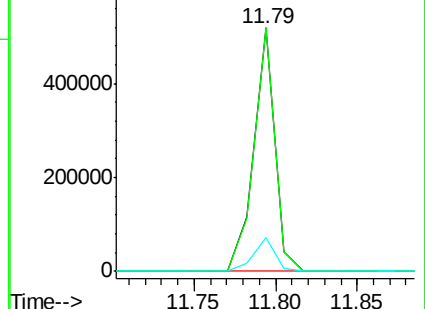
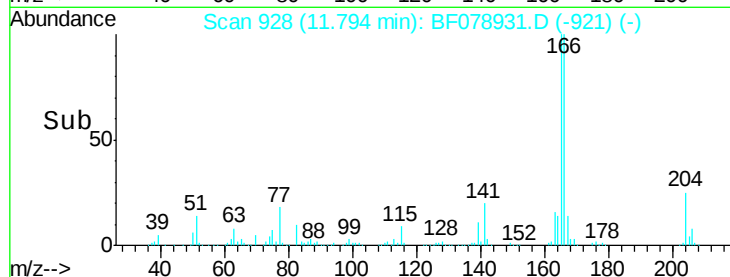
167 13.8 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.15 ng

RT: 11.52 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

Tgt Ion:232 Resp: 102215

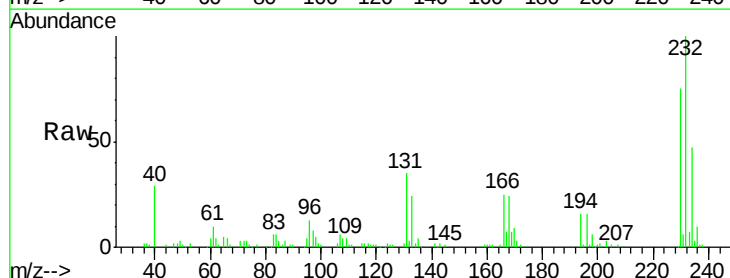
Ion Ratio Lower Upper

232 100

131 51.1 0.0 0.0#

130 2.3 0.0 0.0#

166 32.5 0.0 0.0#

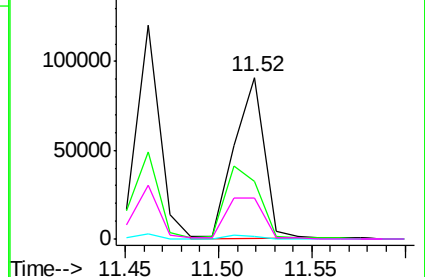
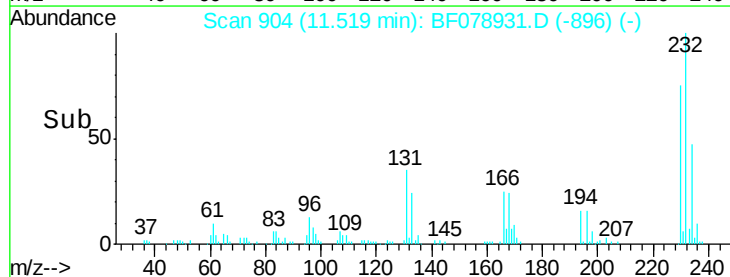


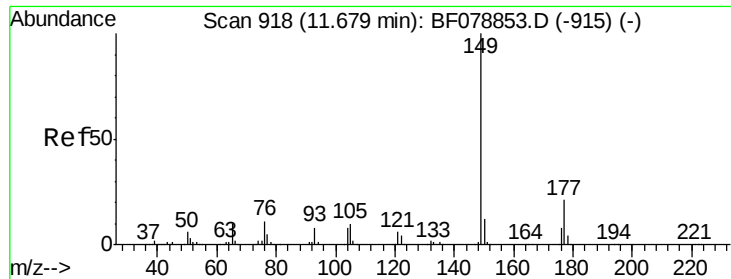
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

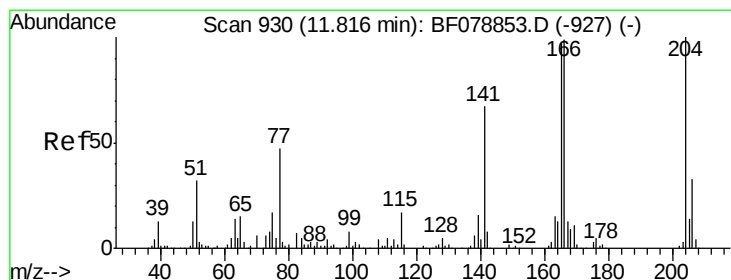
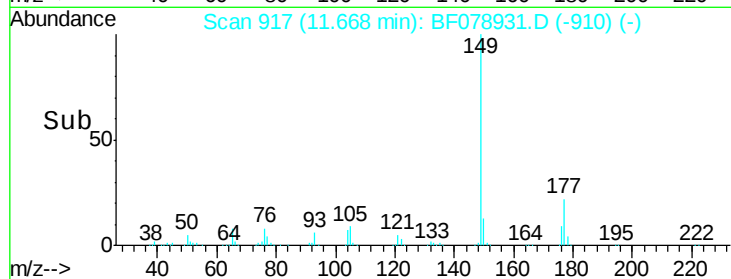
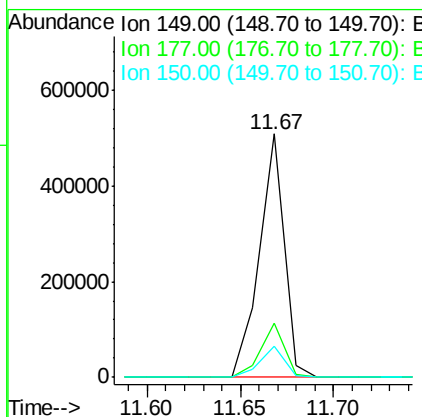
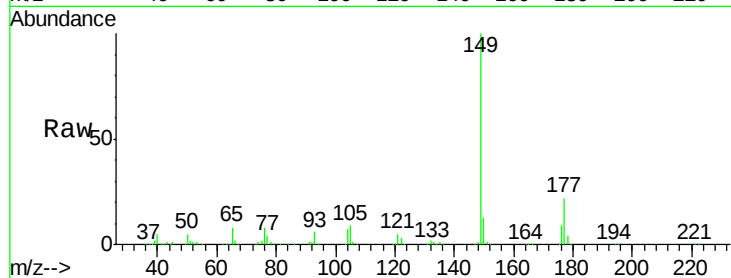




#59
Diethylphthalate
Concen: 39.31 ng
RT: 11.67 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

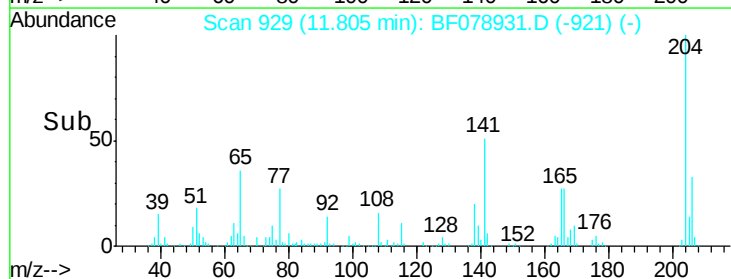
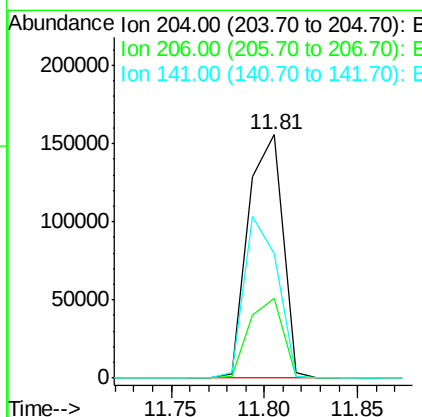
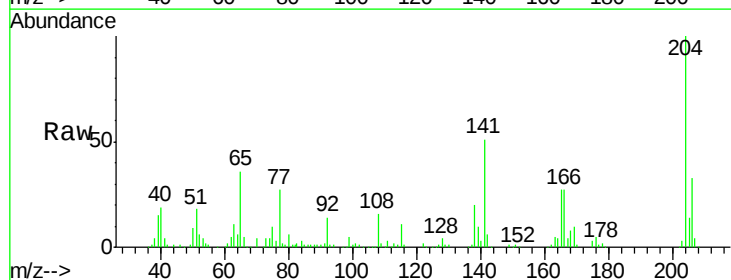
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

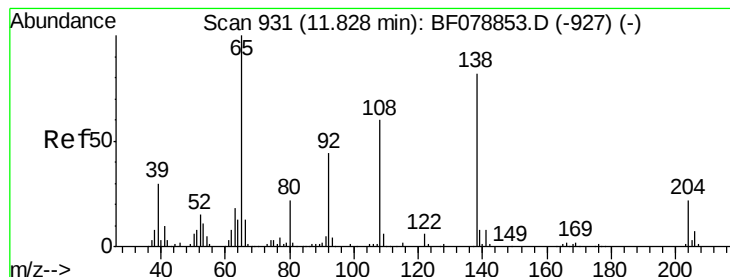
Tot Ion:149 Resp: 466465
Ion Ratio Lower Upper
149 100
177 22.2 17.5 26.3
150 12.6 9.6 14.4



#60
4-Chlorophenyl-phenylether
Concen: 38.27 ng
RT: 11.81 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

Tgt Ion:204 Resp: 199469
Ion Ratio Lower Upper
204 100
206 33.0 26.9 40.3
141 51.2 48.3 72.5





#61

4-Nitroaniline

Concen: 44.28 ng

RT: 11.82 min Scan# 930

Delta R.T. -0.02 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

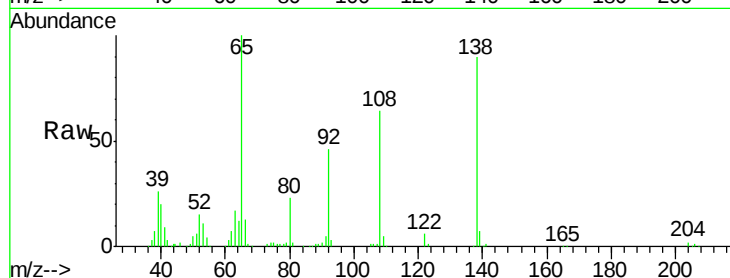
Tot Ion:138 Resp: 130816

Ion Ratio Lower Upper

138 100

92 51.0 28.0 68.0

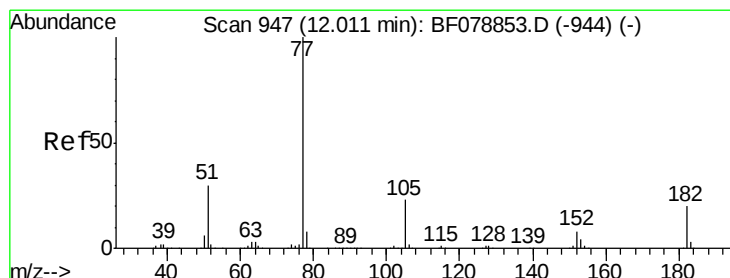
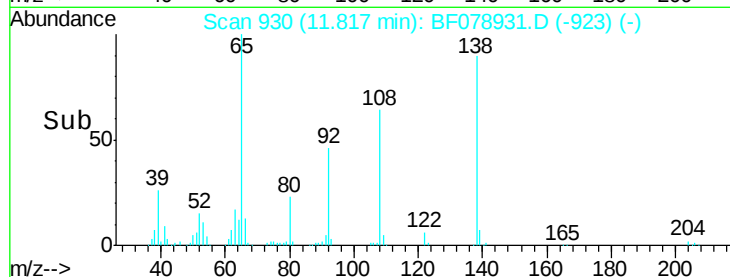
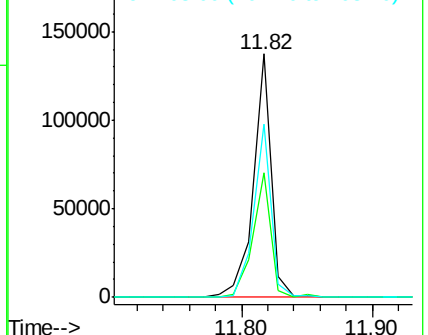
108 71.4 56.3 96.3



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: 39.08 ng

RT: 12.00 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

Tgt Ion: 77 Resp: 456969

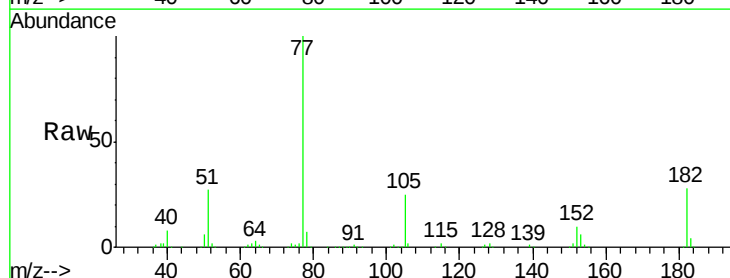
Ion Ratio Lower Upper

77 100

182 28.5 3.8 43.8

105 25.0 3.9 43.9

51 27.3 10.8 50.8

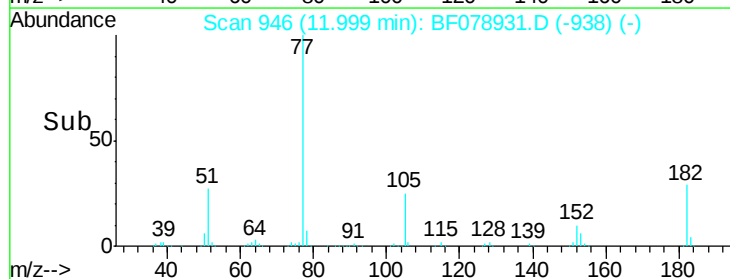
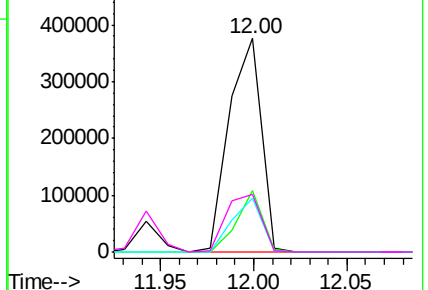


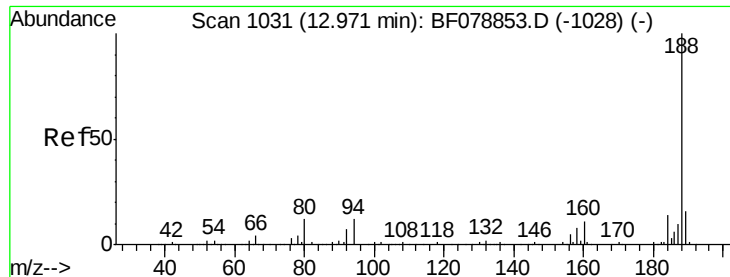
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

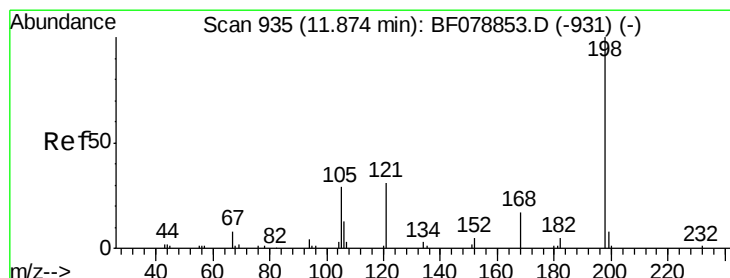
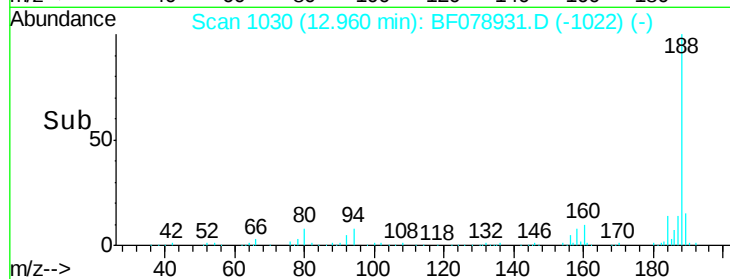
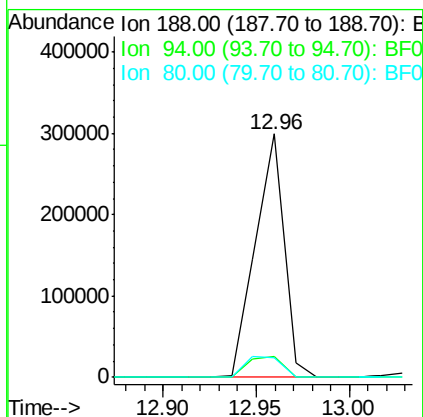
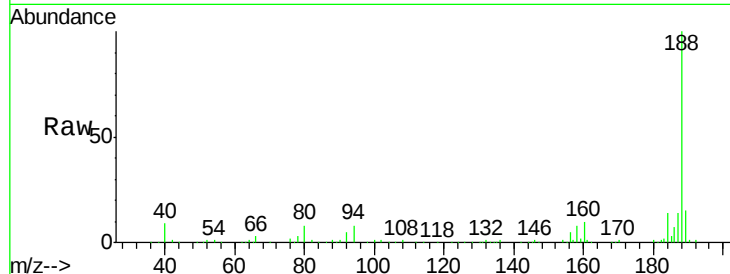




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

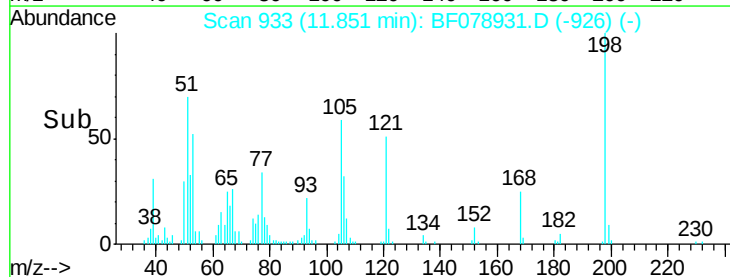
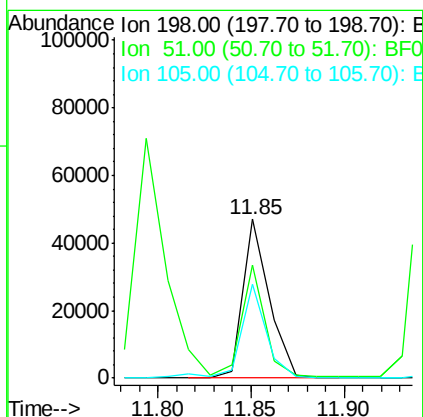
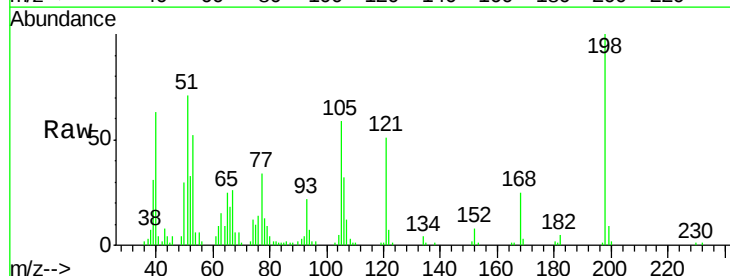
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

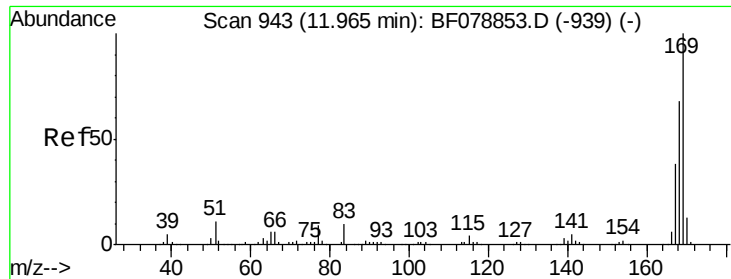
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.2	12.2
80	8.3	8.9	13.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 37.92 ng
RT: 11.85 min Scan# 933
Delta R.T. -0.02 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

Tgt Ion	Ratio	Lower	Upper
198	100		
51	71.1	47.3	87.3
105	59.2	38.8	78.8

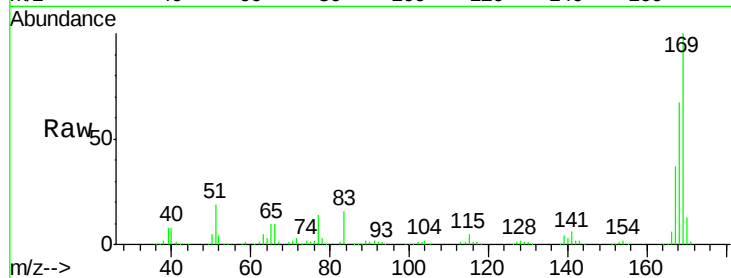




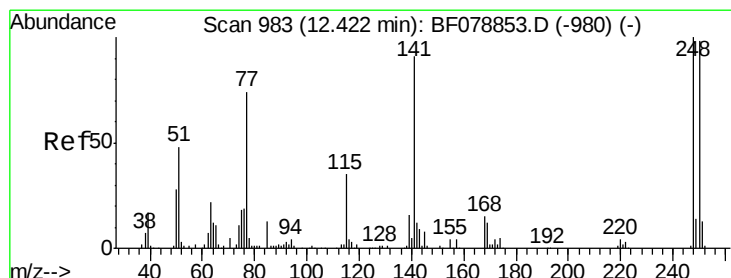
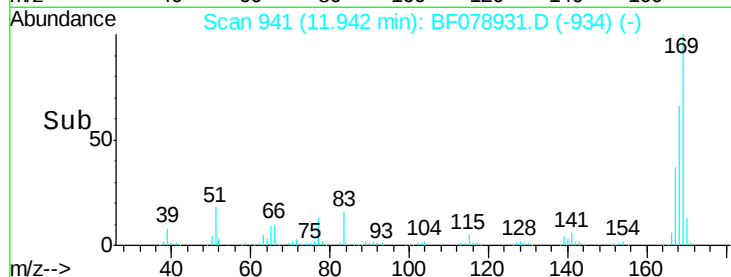
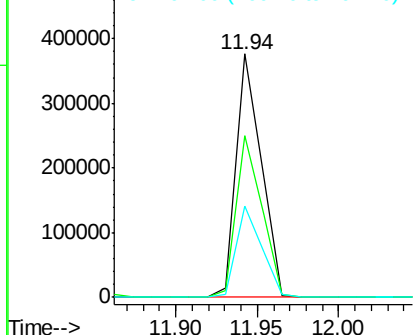
#65
 n-Nitrosodiphenylamine
 Concen: 37.38 ng
 RT: 11.94 min Scan# 941
 Delta R.T. -0.02 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:169 Resp: 396384
 Ion Ratio Lower Upper
 169 100
 168 66.5 54.6 82.0
 167 37.2 30.6 45.8

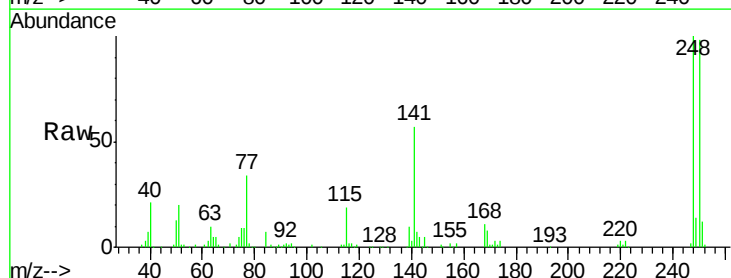


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

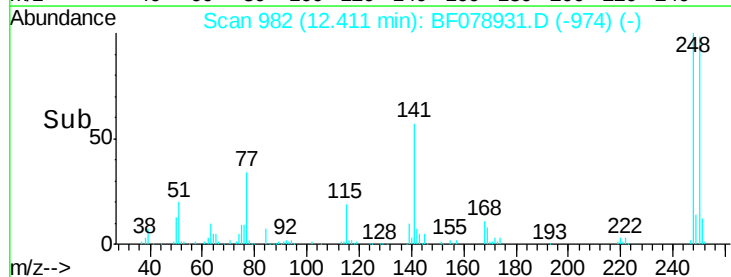
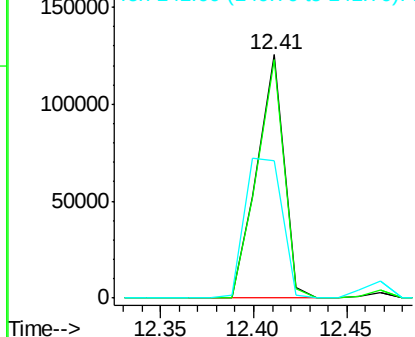


#66
 4-Bromophenyl-phenylether
 Concen: 37.97 ng
 RT: 12.41 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

Tgt Ion:248 Resp: 126005
 Ion Ratio Lower Upper
 248 100
 250 97.9 77.1 115.7
 141 56.7 58.8 88.2#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

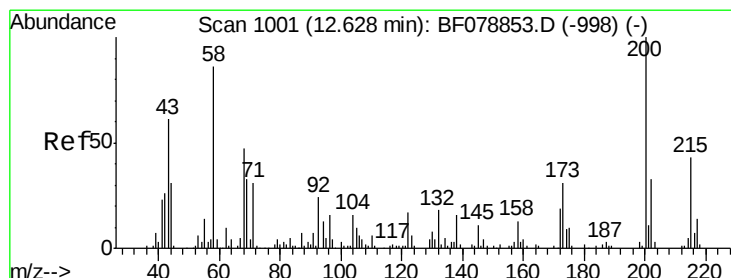
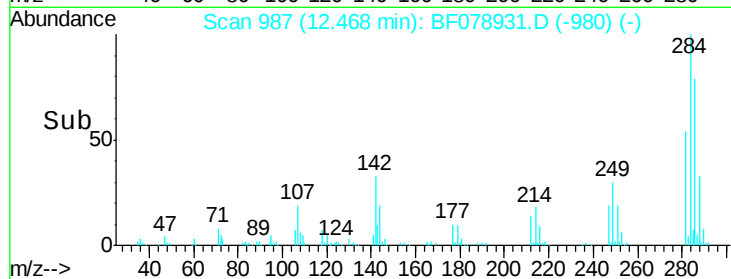
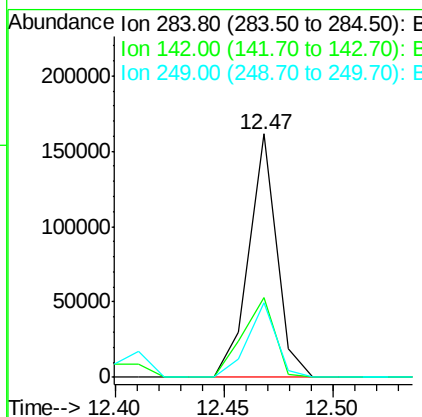
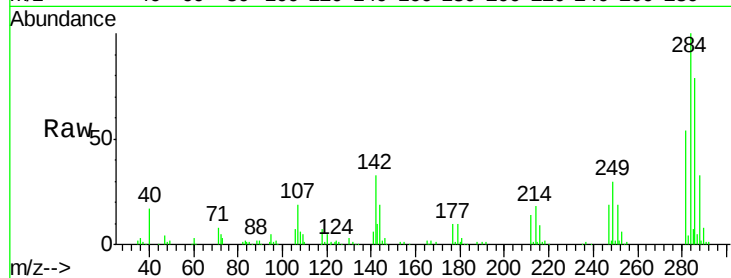




#67
Hexachlorobenzene
Concen: 38.09 ng
RT: 12.47 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

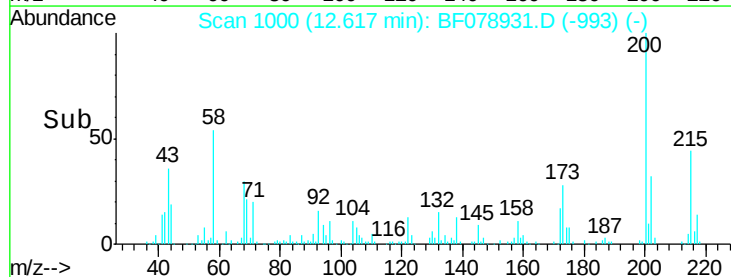
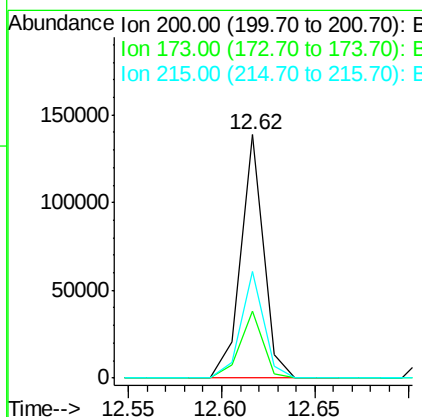
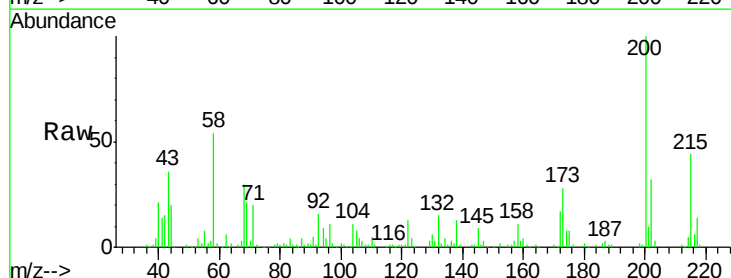
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

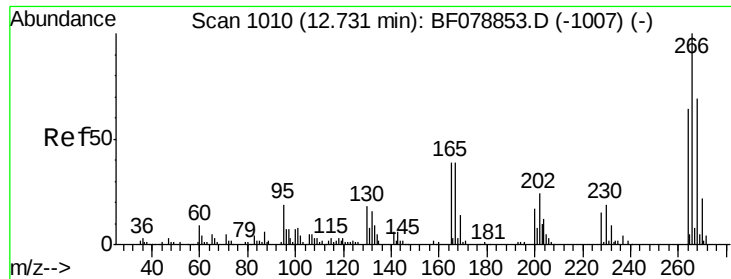
Tot Ion:284 Resp: 144486
Ion Ratio Lower Upper
284 100
142 32.9 35.2 52.8#
249 30.4 25.4 38.2



#68
Atrazine
Concen: 38.60 ng
RT: 12.62 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

Tgt Ion:200 Resp: 119027
Ion Ratio Lower Upper
200 100
173 27.7 8.1 48.1
215 43.7 22.9 62.9

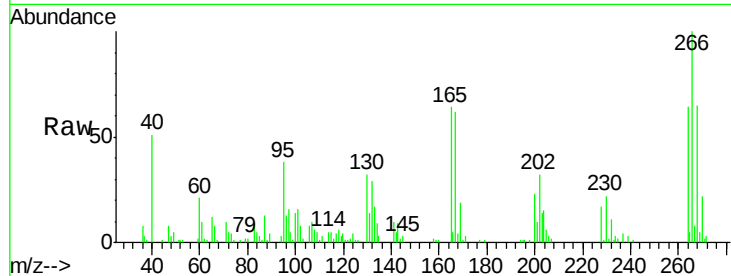




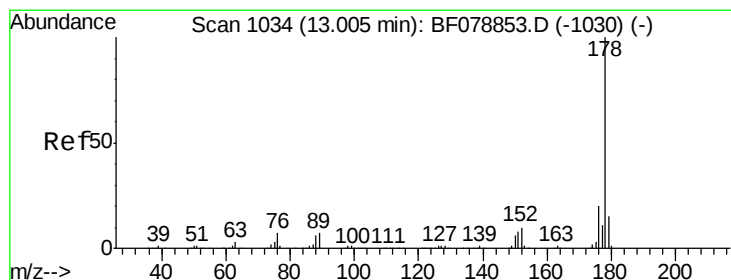
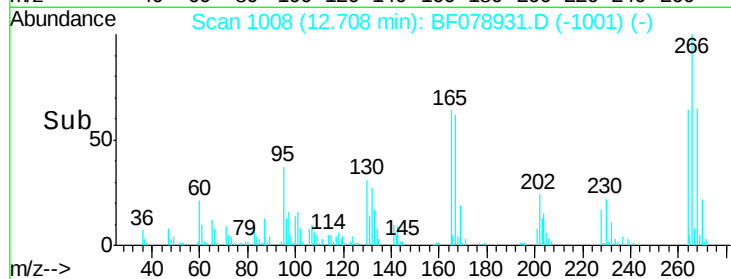
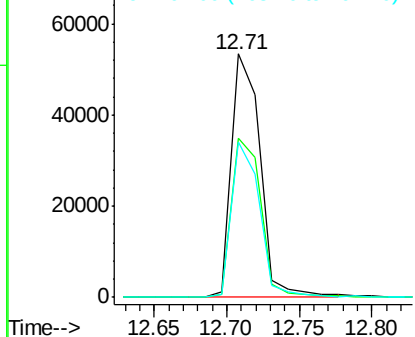
#69
 Pentachlorophenol
 Concen: 37.09 ng
 RT: 12.71 min Scan# 1008
 Delta R.T. -0.02 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 73404
 Ion Ratio Lower Upper
 266 100
 268 65.3 55.0 82.6
 264 64.0 48.2 72.2

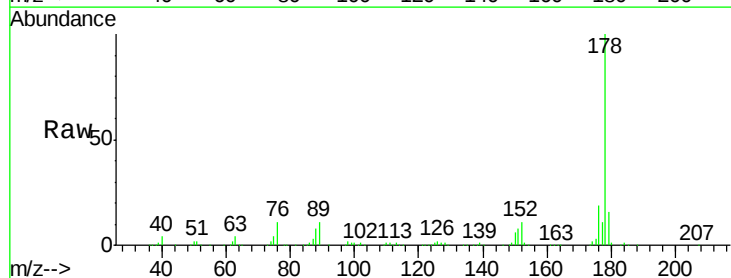


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

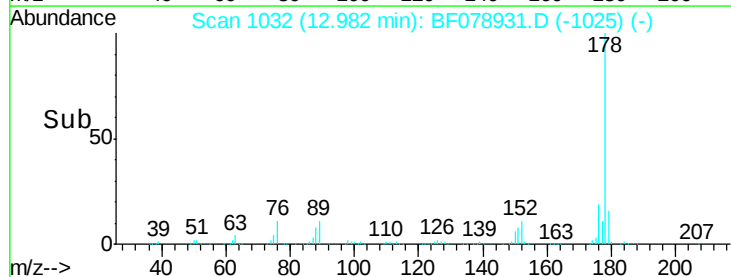
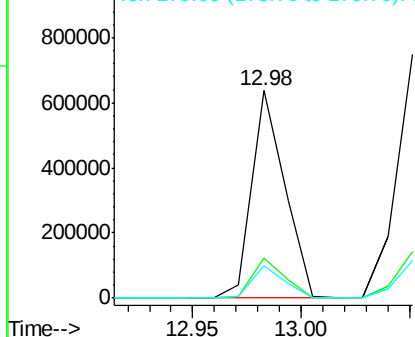


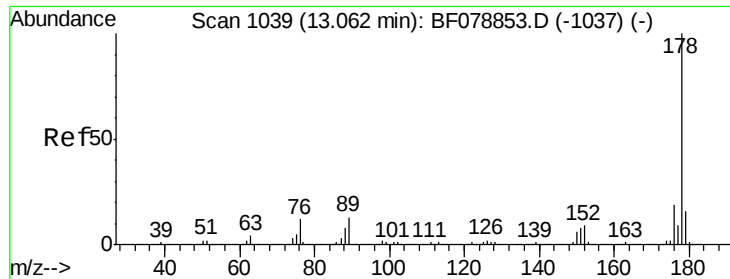
#70
 Phenanthrene
 Concen: 37.67 ng
 RT: 12.98 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

Tgt Ion:178 Resp: 671085
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.7 12.5 18.7



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

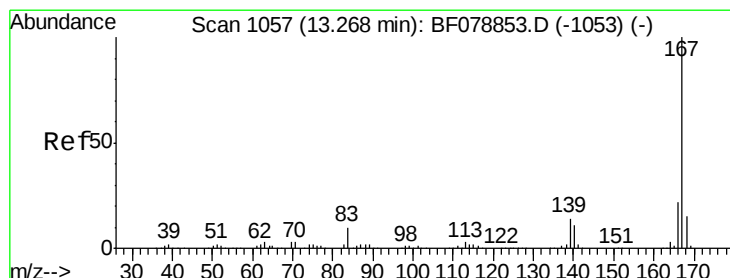
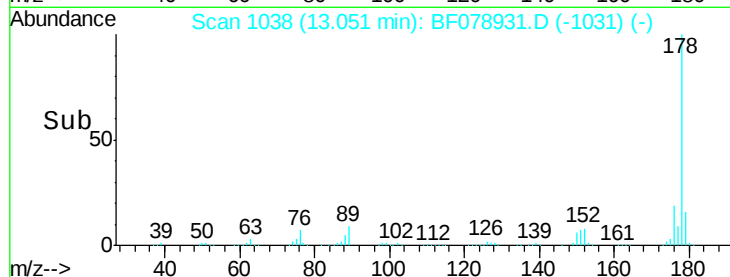
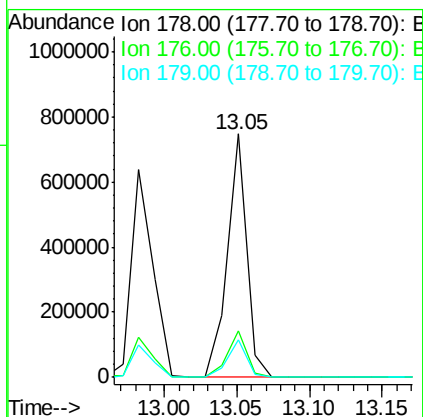
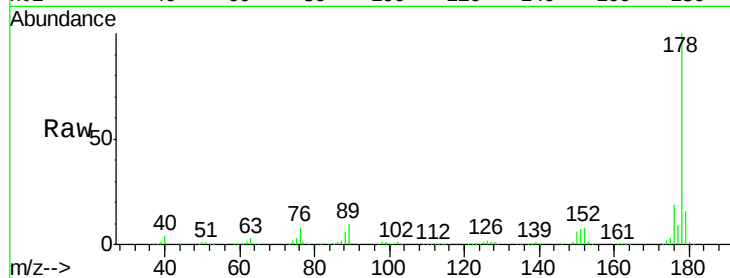




#71
 Anthracene
 Concen: 39.66 ng
 RT: 13.05 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

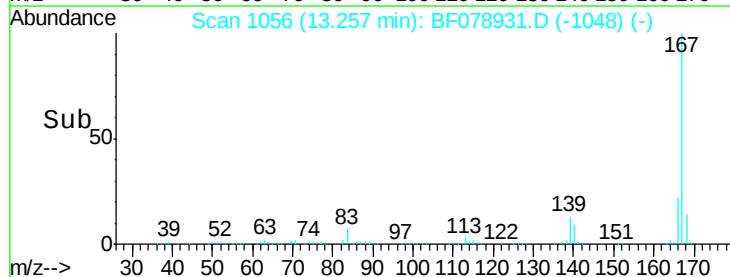
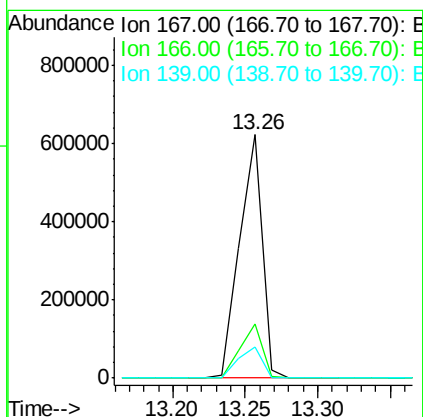
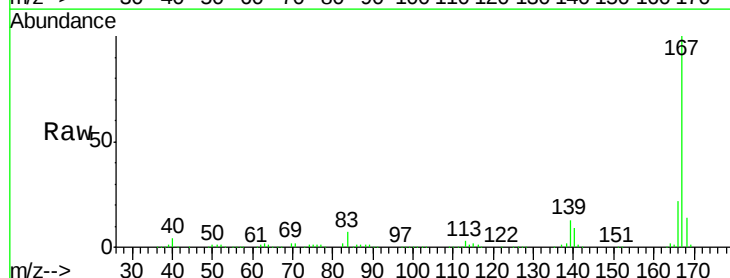
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

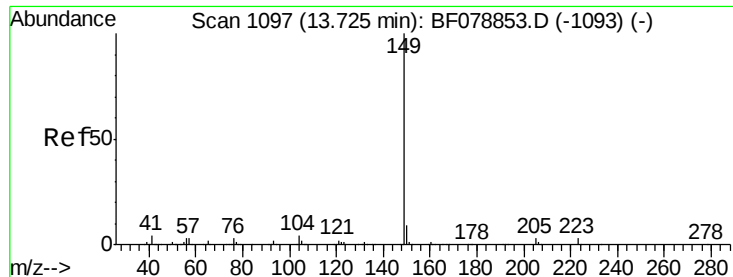
Tot Ion:178 Resp: 693039
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.5 23.3
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 40.50 ng
 RT: 13.26 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

Tgt Ion:167 Resp: 674595
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 12.7 10.6 16.0





#73

Di-n-butylphthalate

Concen: 37.45 ng

RT: 13.70 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

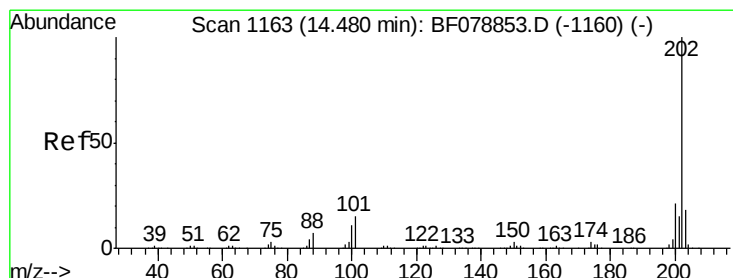
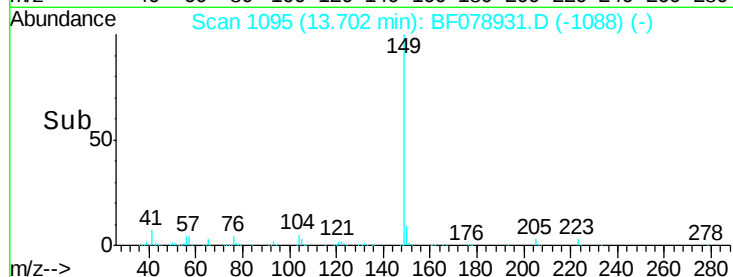
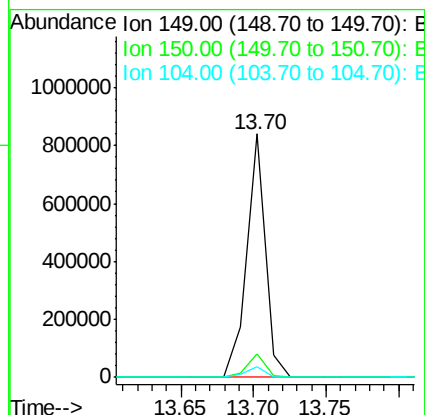
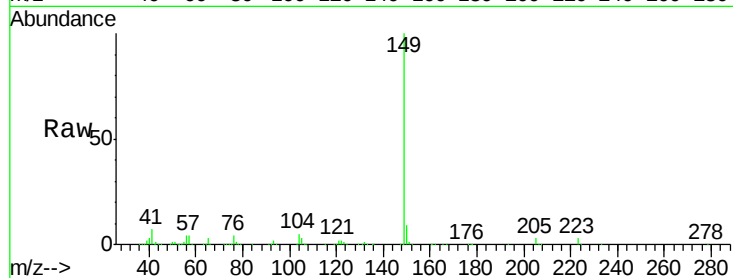
Tot Ion:149 Resp: 748050

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

104 4.6 4.6 7.0#



#74

Fluoranthene

Concen: 39.96 ng

RT: 14.47 min Scan# 1162

Delta R.T. -0.02 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

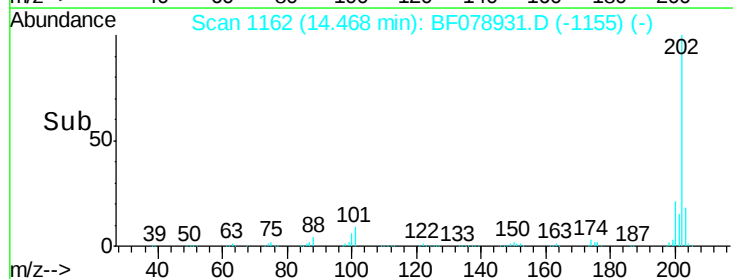
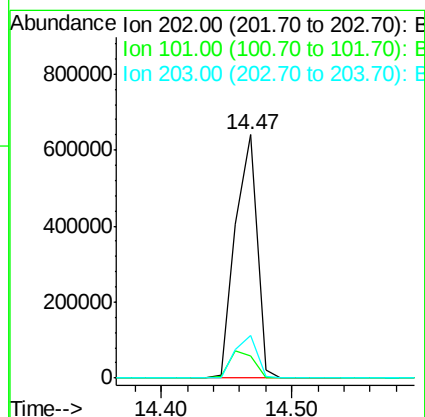
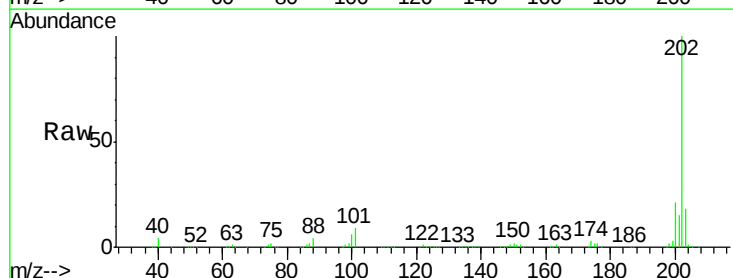
Tgt Ion:202 Resp: 741767

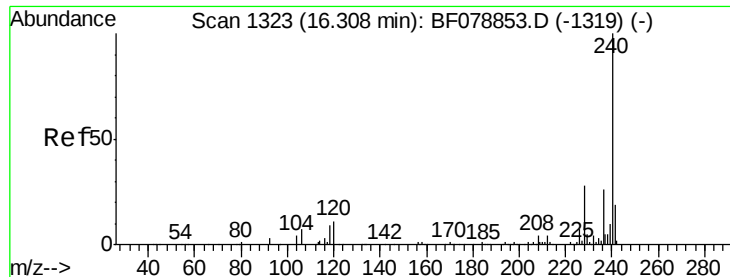
Ion Ratio Lower Upper

202 100

101 9.2 0.0 34.6

203 17.7 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.27 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

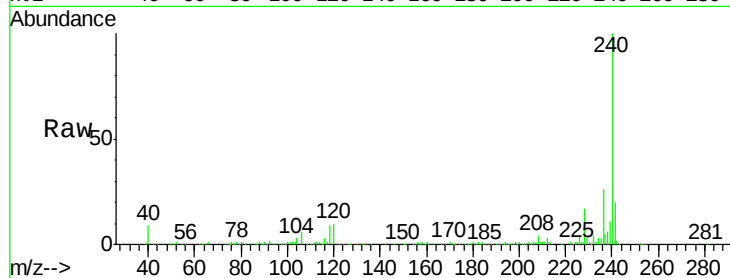
Tot Ion:240 Resp: 350280

Ion Ratio Lower Upper

240 100

120 9.8 9.7 14.5

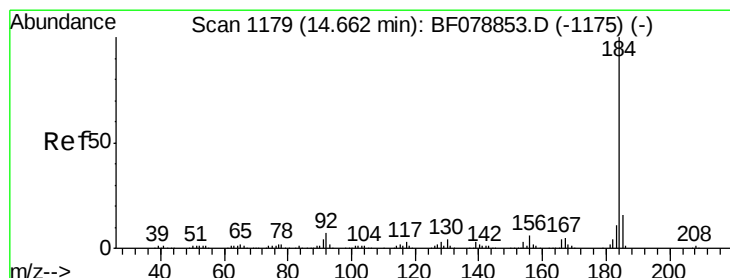
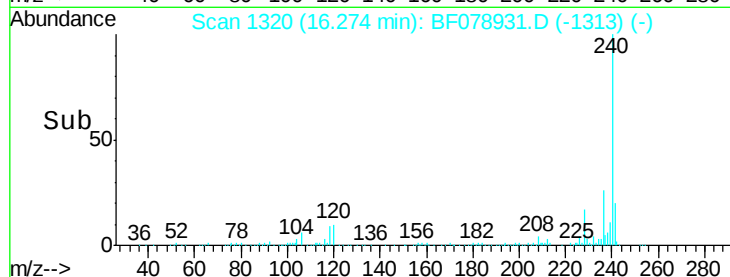
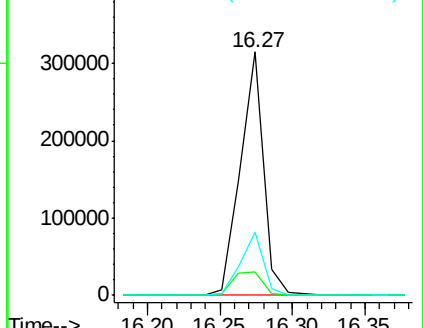
236 26.2 20.2 30.4



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: 47.47 ng

RT: 14.64 min Scan# 1177

Delta R.T. -0.02 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

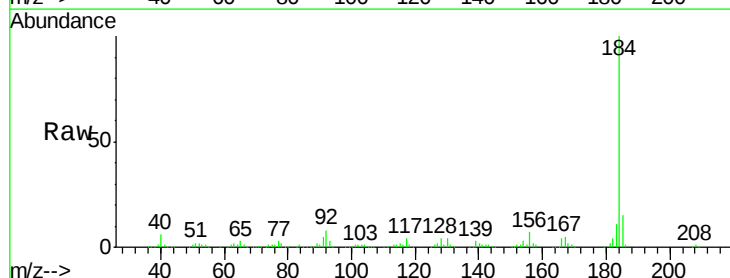
Tgt Ion:184 Resp: 448098

Ion Ratio Lower Upper

184 100

185 15.4 12.3 18.5

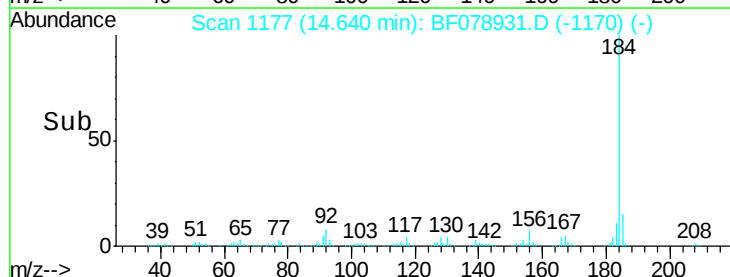
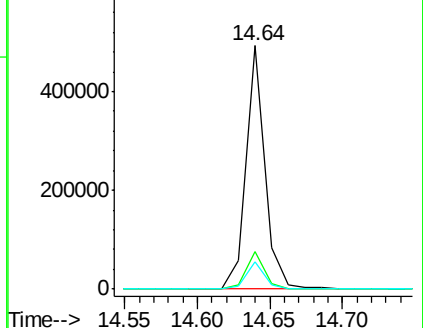
183 11.0 8.4 12.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

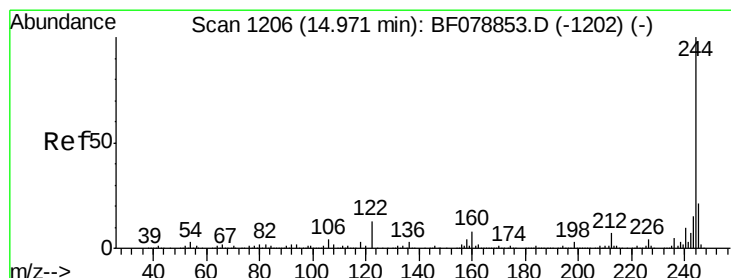
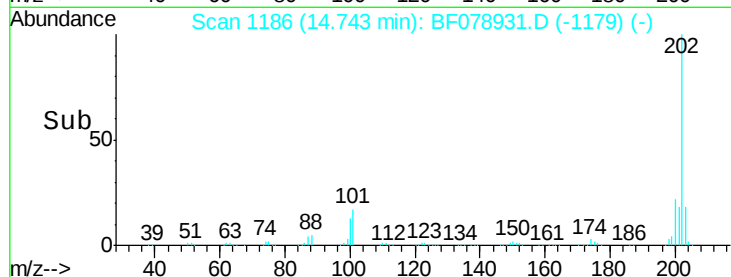
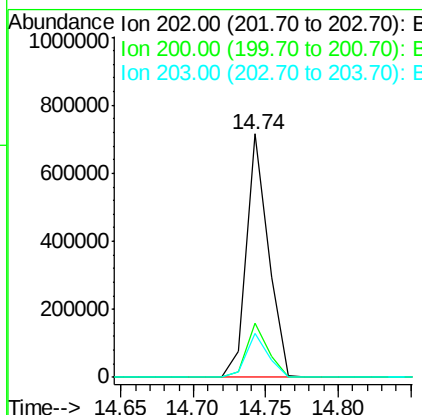
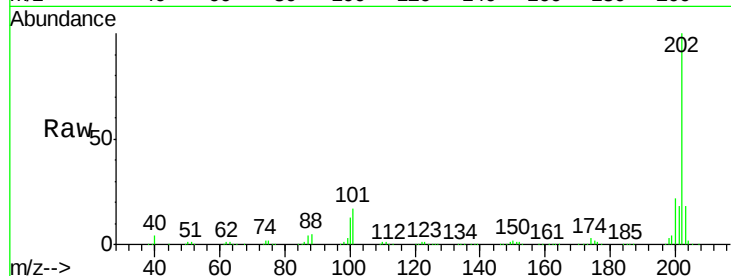




#77
Pvrene
Concen: 37.31 ng
RT: 14.74 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

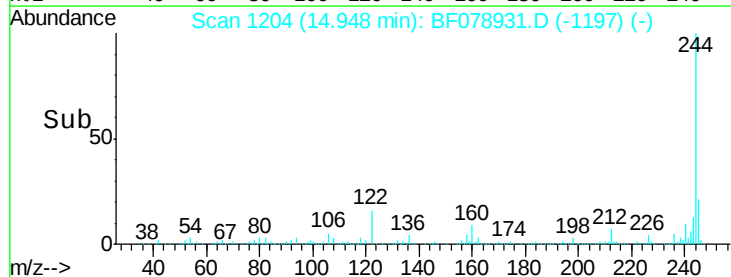
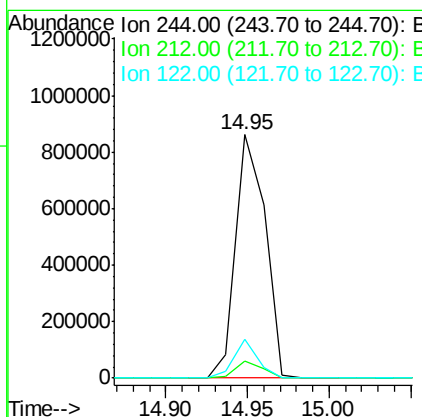
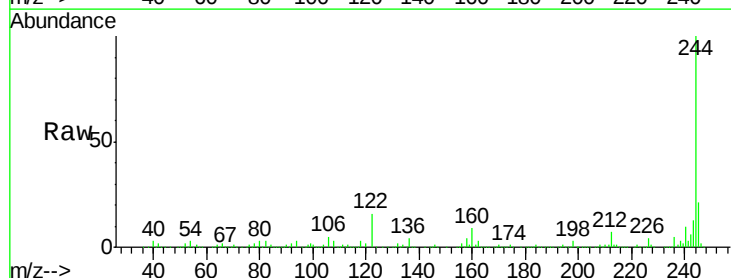
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.5	26.3
203	18.3	13.9	20.9



#78
Terphenyl-d14
Concen: 73.68 ng
RT: 14.95 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	15.7	10.3	15.5

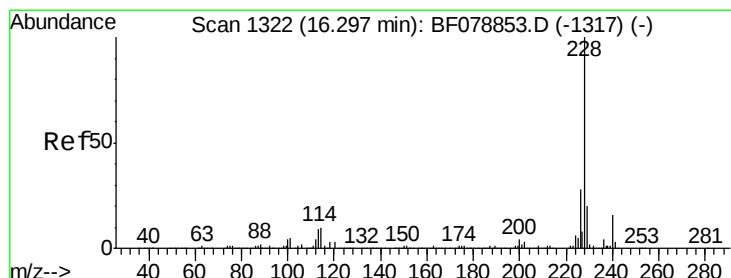
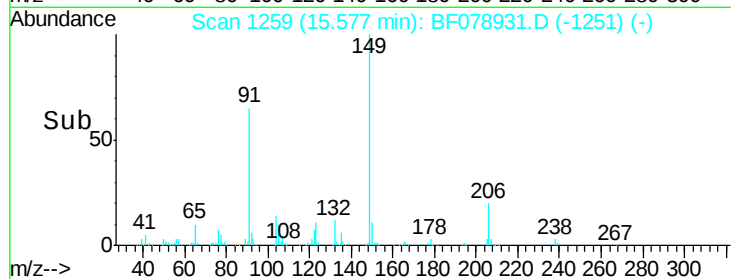
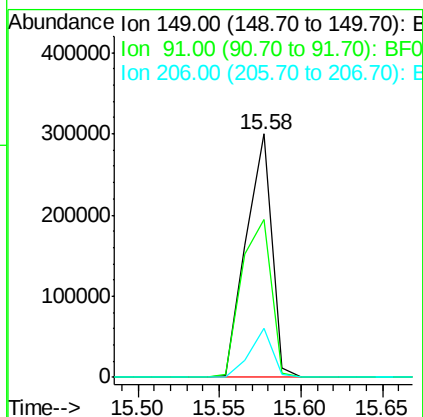
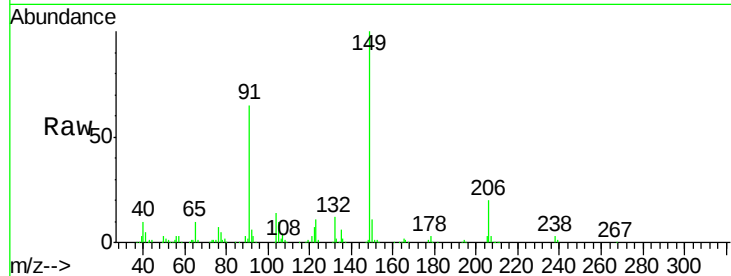




#79
Butylbenzylphthalate
Concen: 37.12 ng
RT: 15.58 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

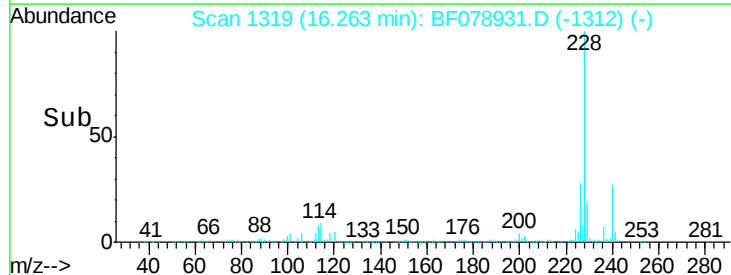
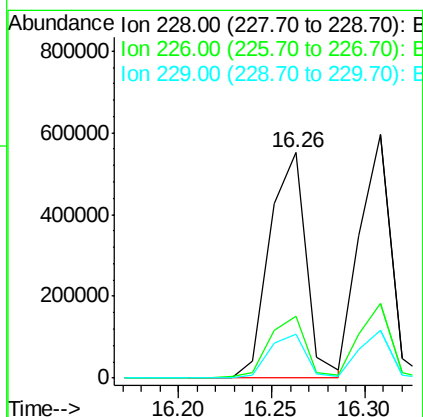
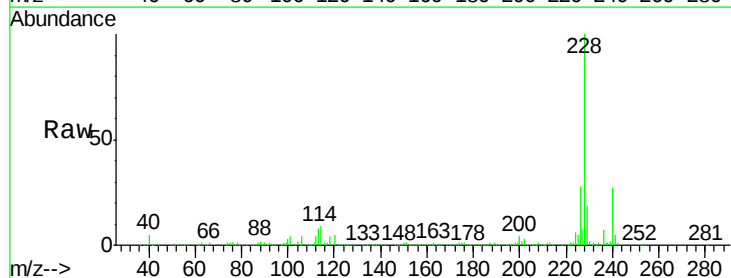
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.7	64.6	97.0
206	20.3	12.2	18.4



#80
Benzo(a)anthracene
Concen: 39.08 ng
RT: 16.26 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF078931.D
Acq: 5 May 2015 9:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.5	15.9	23.9

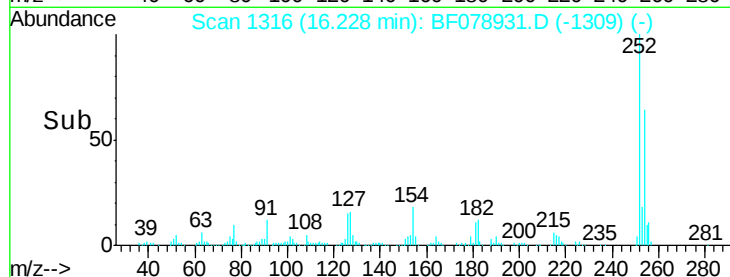
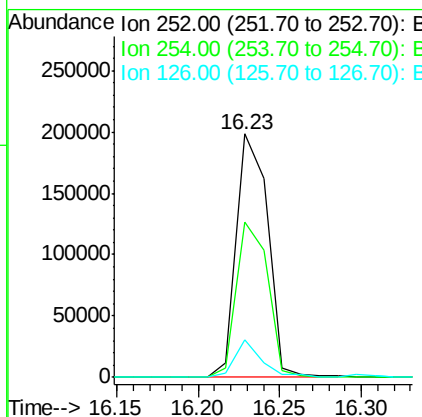
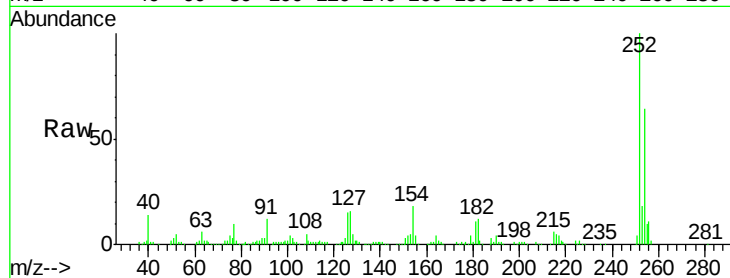




#81
 3,3'-Dichlorobenzidine
 Concen: 38.48 ng
 RT: 16.23 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

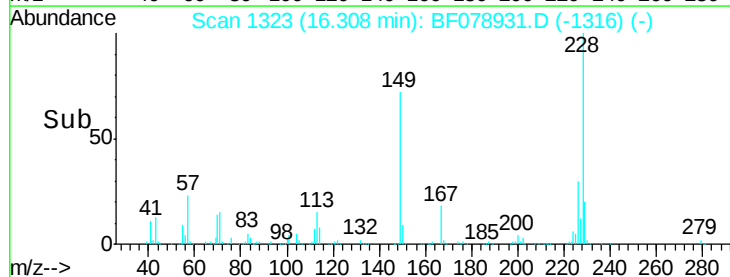
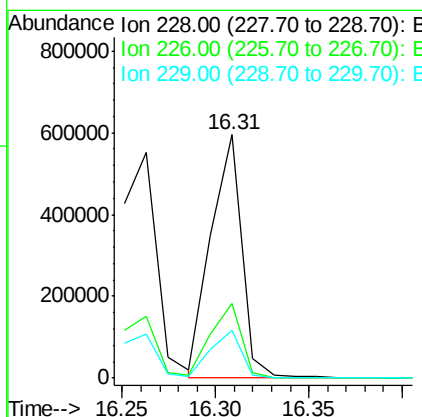
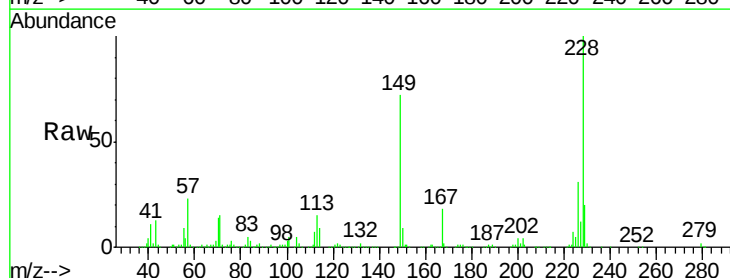
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 262894
 Ion Ratio Lower Upper
 252 100
 254 63.7 51.3 76.9
 126 15.4 6.6 10.0#



#82
 Chrysene
 Concen: 37.09 ng
 RT: 16.31 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

Tgt Ion:228 Resp: 684242
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.9 37.3
 229 19.6 16.0 24.0

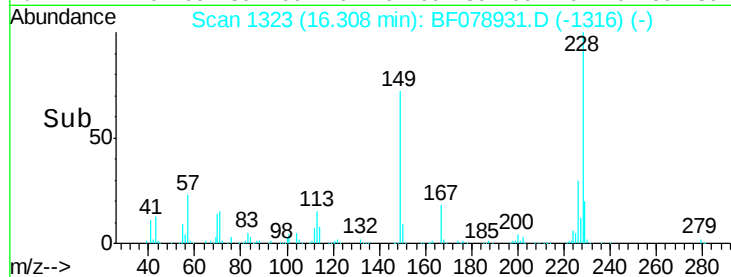
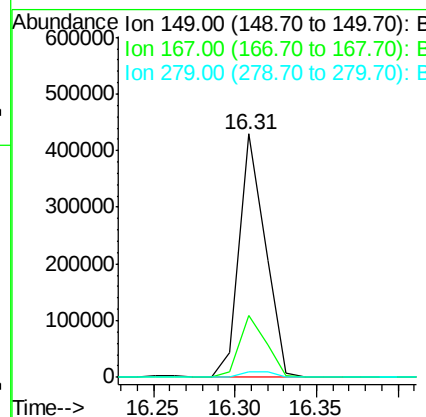
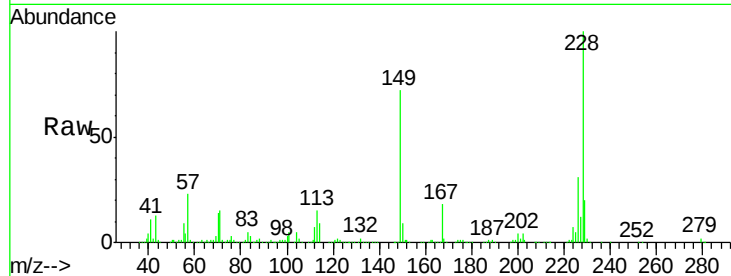




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.43 ng
 RT: 16.31 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

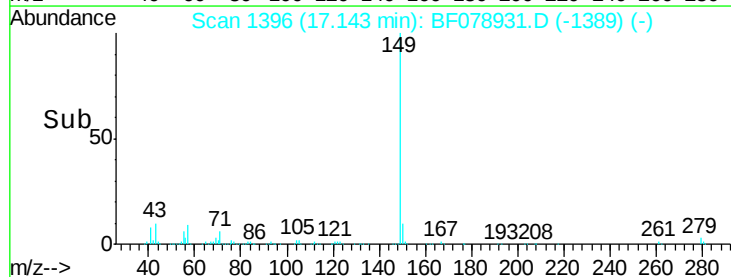
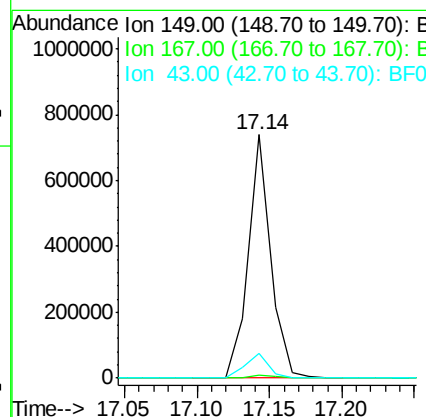
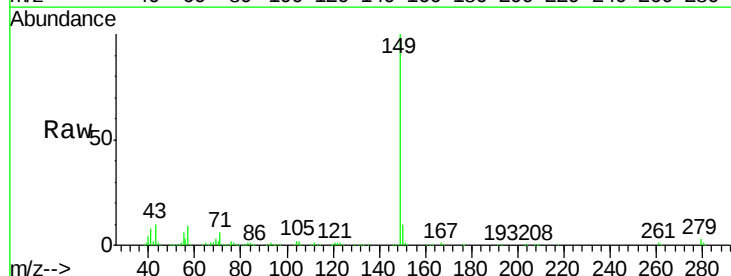
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 473524
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.8 32.8
 279 2.5 2.9 4.3#



#84
 Di-n-octyl phthalate
 Concen: 33.80 ng
 RT: 17.14 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

Tgt Ion:149 Resp: 795588
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 10.8 0.0 0.0#

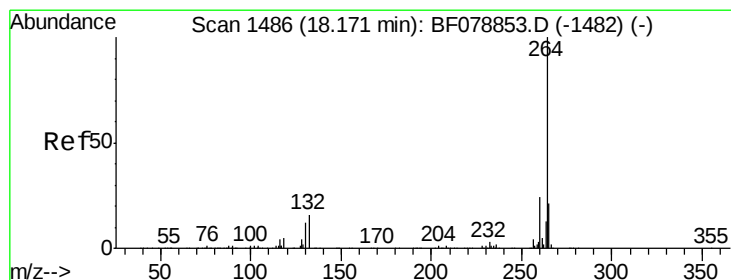
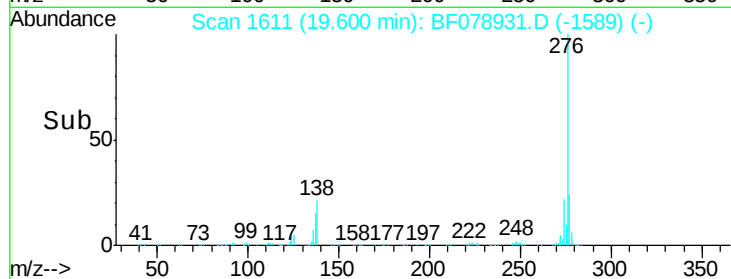
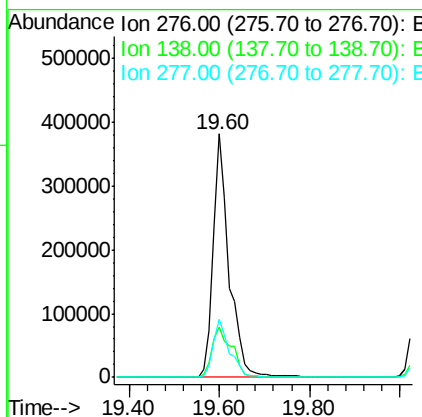
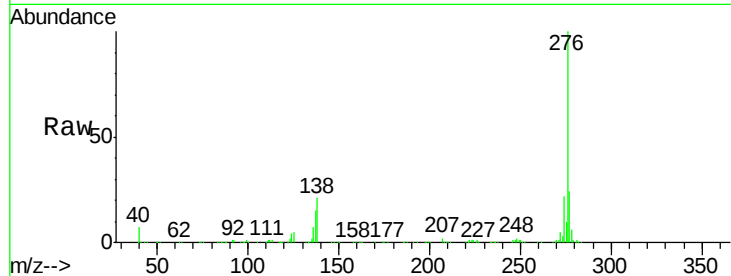




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.40 ng
 RT: 19.60 min Scan# 1611
 Delta R.T. -0.05 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

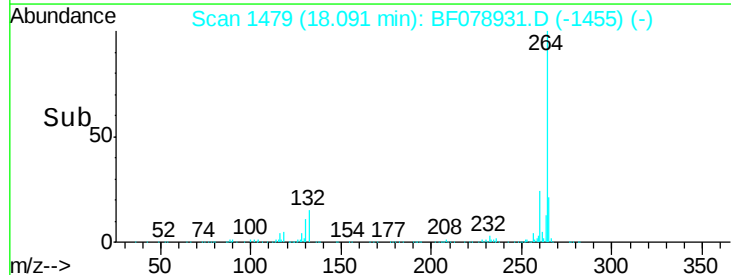
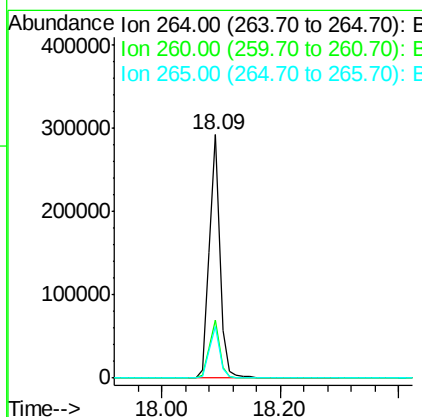
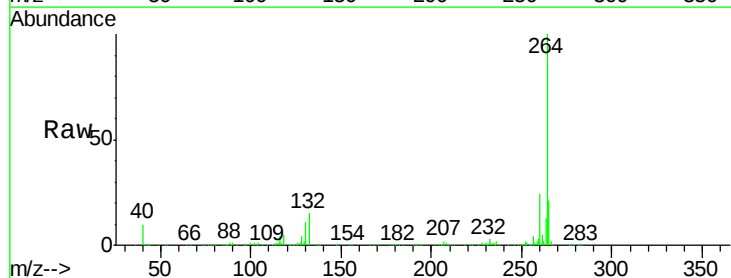
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

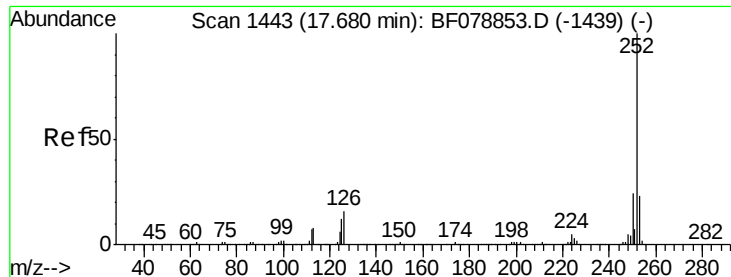
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	0.0	0.0#
277	24.9	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.09 min Scan# 1479
 Delta R.T. -0.02 min
 Lab File: BF078931.D
 Acq: 5 May 2015 9:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.2	18.3	27.5





#87

Benzo(b)fluoranthene

Concen: 37.30 ng

RT: 17.61 min Scan# 1437

Delta R.T. -0.03 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

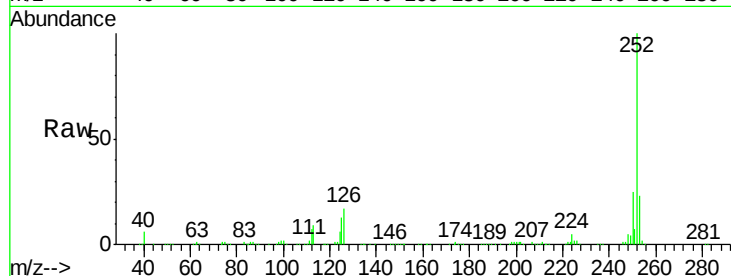
Tot Ion:252 Resp: 746594

Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

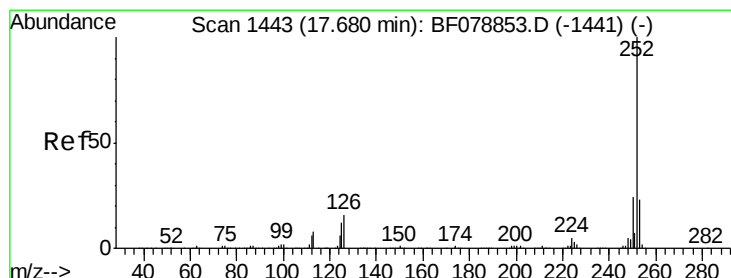
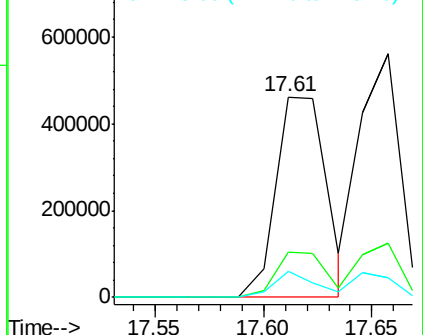
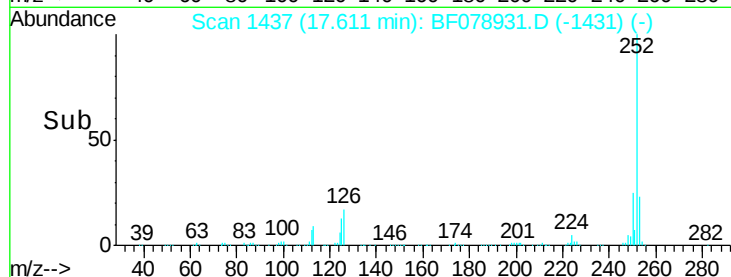
125 12.7 9.5 14.3



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: 38.54 ng

RT: 17.61 min Scan# 1437

Delta R.T. -0.07 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

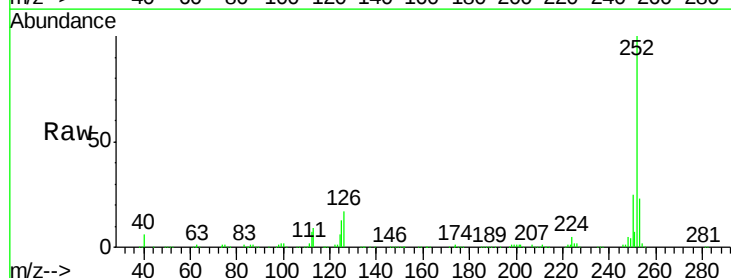
Tgt Ion:252 Resp: 746739

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

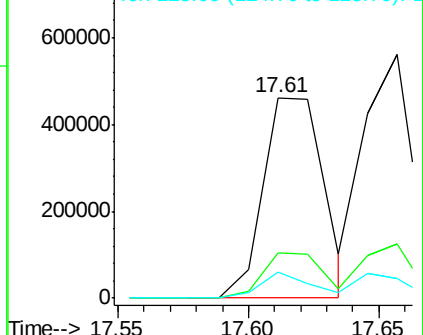
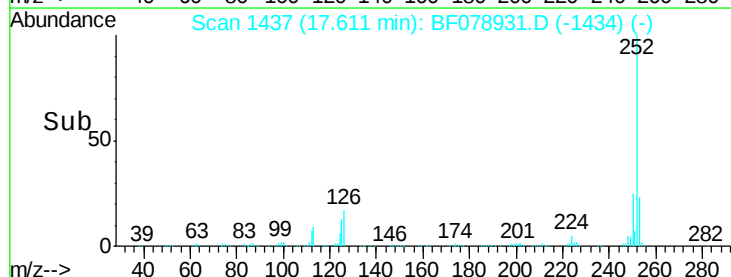
125 12.7 10.0 15.0

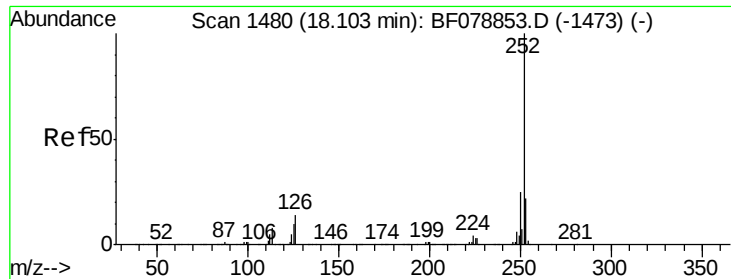


Abundance Ion 252.00 (251.70 to 252.70): E

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: 18.02 min Scan# 1473

Delta R.T. -0.02 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

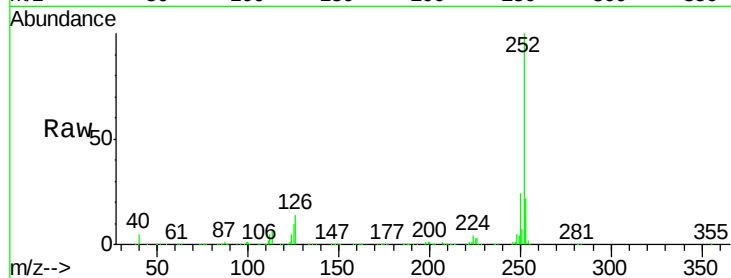
Tot Ion:252 Resp: 717865

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

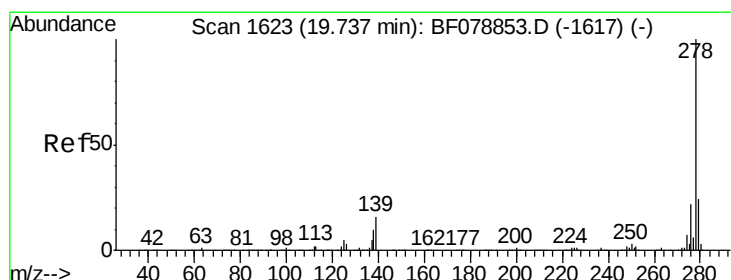
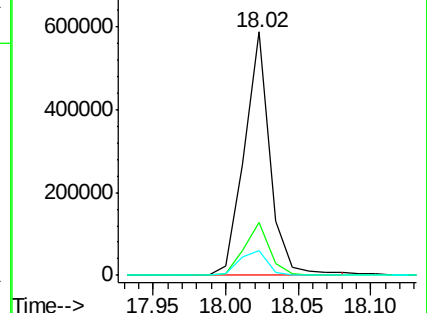
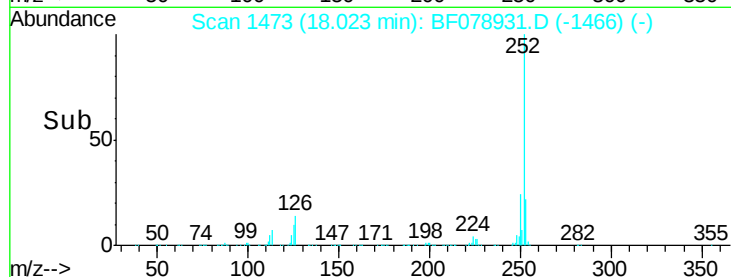
125 10.1 7.0 10.6



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: 37.73 ng

RT: 19.63 min Scan# 1614

Delta R.T. -0.05 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

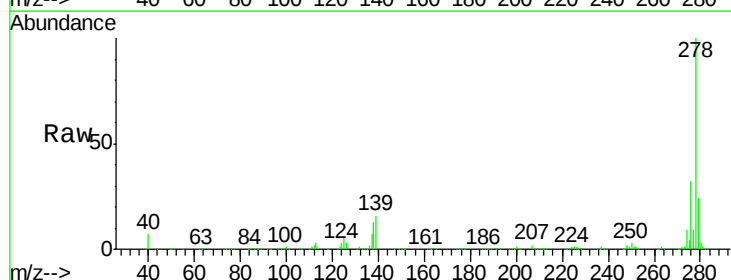
Tgt Ion:278 Resp: 739053

Ion Ratio Lower Upper

278 100

139 16.3 12.8 19.2

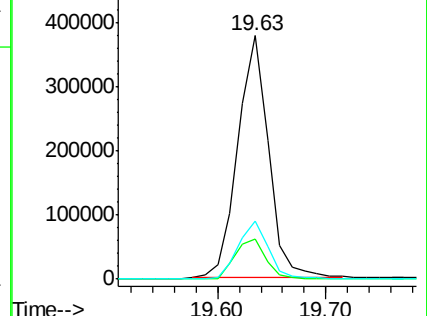
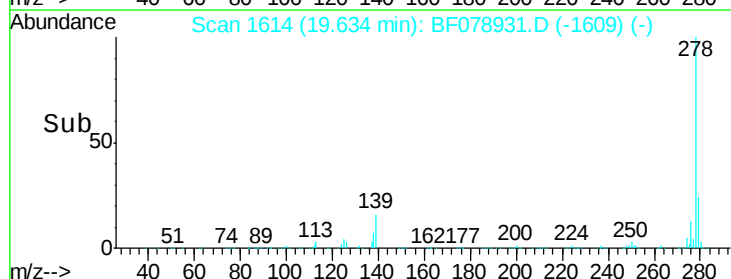
279 24.0 19.6 29.4

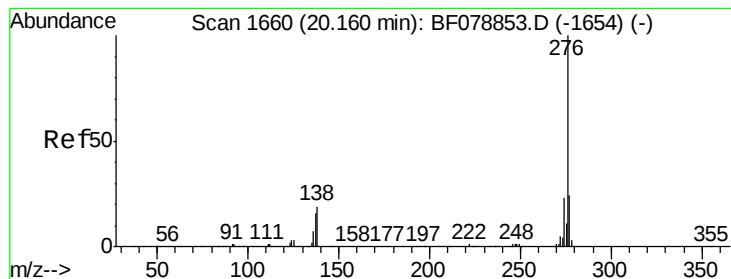


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.64 ng

RT: 20.06 min Scan# 1651

Delta R.T. -0.05 min

Lab File: BF078931.D

Acq: 5 May 2015 9:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

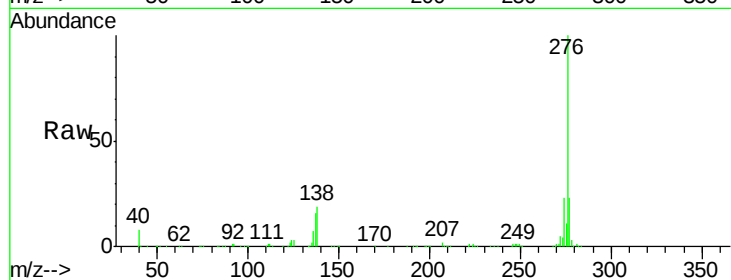
Tot Ion: 276 Resp: 758652

Ion Ratio Lower Upper

276 100

277 22.9 18.6 28.0

138 18.9 17.4 26.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

