

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
 Data File : BF078586.D
 Acq On : 17 Apr 2015 2:47
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 17 03:36:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 00:52:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	20995	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	91339	20.00	ng	0.00
38) Acenaphthene-d10	10.42	164	45134	20.00	ng	0.00
63) Phenanthrene-d10	12.24	188	92672	20.00	ng	0.00
75) Chrysene-d12	15.50	240	106849	20.00	ng	0.01
86) Perylene-d12	17.13	264	114488	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	4.91	112	100417	78.86	ng	0.01
7) Phenol-d6	6.30	99	134156	84.07	ng	0.00
23) Nitrobenzene-d5	7.39	82	116885	77.57	ng	0.00
41) 2,4,6-Tribromophenol	11.39	330	33902	90.57	ng	0.00
44) 2-Fluorobiphenyl	9.62	172	272187	86.20	ng	0.00
78) Terphenyl-d14	14.23	244	373093	78.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.44	88	21473	37.29	ng	96
3) Pyridine	1.98	79	69216	45.89	ng	92
4) n-Nitrosodimethylamine	1.93	42	21951	37.81	ng	95
6) Aniline	6.27	93	97771	43.20	ng	# 89
8) 2-Chlorophenol	6.42	128	61762	41.02	ng	96
9) Benzaldehyde	6.12	77	29709	28.09	ng	99
10) Phenol	6.31	94	77064	40.30	ng	89
11) bis(2-Chloroethyl)ether	6.40	93	55526	40.38	ng	97
12) 1,3-Dichlorobenzene	6.60	146	65876	39.83	ng	98
13) 1,4-Dichlorobenzene	6.71	146	67546	40.57	ng	98
14) 1,2-Dichlorobenzene	6.89	146	63850	40.90	ng	99
15) Benzyl Alcohol	6.90	79	51102	45.57	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.08	45	73748	40.21	ng	90
17) 2-Methylphenol	7.06	107	47295	40.46	ng	# 93
18) Hexachloroethane	7.30	117	19625	34.96	ng	# 73
19) n-Nitroso-di-n-propylamine	7.23	70	45827	43.52	ng	# 88
20) 3+4-Methylphenols	7.27	107	64370	41.28	ng	94
22) Acetophenone	7.22	105	83524	39.25	ng	# 97
24) Nitrobenzene	7.42	77	62712	39.81	ng	# 82
25) Isophorone	7.72	82	122495	42.83	ng	97
26) 2-Nitrophenol	7.82	139	24863	33.12	ng	98
27) 2,4-Dimethylphenol	7.91	122	54741	39.21	ng	94
28) bis(2-Chloroethoxy)methane	8.02	93	73269	39.95	ng	100
29) 2,4-Dichlorophenol	8.12	162	53993	42.52	ng	94
30) 1,2,4-Trichlorobenzene	8.22	180	56953	39.11	ng	98
31) Naphthalene	8.30	128	190344	40.04	ng	99
32) Benzoic acid	8.07	122	25527m	39.98	ng	
33) 4-Chloroaniline	8.39	127	83369	42.26	ng	98
34) Hexachlorobutadiene	8.46	225	31236	39.07	ng	96
35) Caprolactam	8.83	113	18366	48.45	ng	# 79
36) 4-Chloro-3-methylphenol	9.02	107	55310	43.16	ng	99
37) 2-Methylnaphthalene	9.15	142	132571	41.07	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.36	216	57738	41.29	ng	98
40) Hexachlorocyclopentadiene	9.35	237	1920	9.73	ng	95

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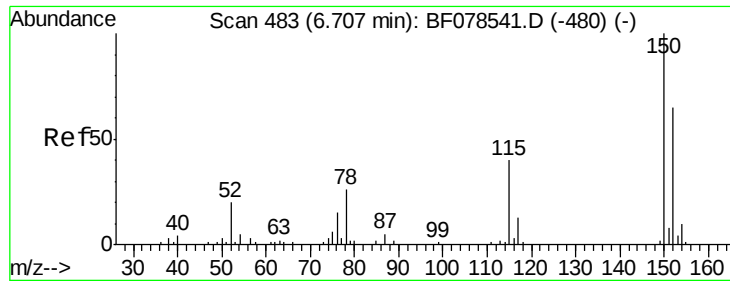
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	40090	45.46	ng	98
43) 2,4,5-Trichlorophenol	9.56	196	40710	44.18	ng	98
45) 1,1'-Biphenyl	9.74	154	154742	41.92	ng	98
46) 2-Chloronaphthalene	9.75	162	124087	42.72	ng	99
47) 2-Nitroaniline	9.90	65	33867	47.12	ng	# 66
48) Acenaphthylene	10.25	152	208107	44.37	ng	99
49) Dimethylphthalate	10.14	163	145590	42.94	ng	99
50) 2,6-Dinitrotoluene	10.20	165	26500	37.99	ng	# 48
51) Acenaphthene	10.47	154	116024	43.93	ng	100
52) 3-Nitroaniline	10.40	138	37048	46.70	ng	91
54) Dibenzofuran	10.67	168	176347	43.72	ng	95
55) 4-Nitrophenol	10.66	139	15796m	28.87	ng	
56) 2,4-Dinitrotoluene	10.70	165	35403	39.18	ng	# 70
57) Fluorene	11.10	166	144869	44.31	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.84	232	32724	47.91	ng	# 98
59) Diethylphthalate	11.00	149	147271	45.04	ng	97
60) 4-Chlorophenyl-phenylether	11.12	204	67030	44.57	ng	# 85
61) 4-Nitroaniline	11.15	138	41144	51.31	ng	94
62) Azobenzene	11.31	77	148074	49.62	ng	89
64) 4,6-Dinitro-2-methylphenol	11.20	198	1171	10.65	ng	99
65) n-Nitrosodiphenylamine	11.27	169	128812	40.18	ng	98
66) 4-Bromophenyl-phenylether	11.71	248	39670	40.42	ng	99
67) Hexachlorobenzene	11.77	284	43149	40.12	ng	# 94
68) Atrazine	11.95	200	39047	42.06	ng	95
69) Pentachlorophenol	12.02	266	24042	53.28	ng	98
70) Phenanthrene	12.27	178	222321	41.47	ng	100
71) Anthracene	12.33	178	223033	42.22	ng	100
72) Carbazole	12.55	167	209842	42.39	ng	99
73) Di-n-butylphthalate	13.03	149	261144	46.57	ng	99
74) Fluoranthene	13.73	202	259010	45.82	ng	98
76) Benzidine	13.93	184	153897	37.41	ng	98
77) Pyrene	14.00	202	262305	39.11	ng	98
79) Butylbenzylphthalate	14.86	149	120898	47.29	ng	98
80) Benzo(a)anthracene	15.49	228	266869	41.98	ng	99
81) 3,3'-Dichlorobenzidine	15.47	252	92544	43.46	ng	# 97
82) Chrysene	15.52	228	252890	42.34	ng	99
83) Bis(2-ethylhexyl)phthalate	15.59	149	179605	44.79	ng	98
84) Di-n-octyl phthalate	16.34	149	323109	49.08	ng	# 100
85) Indeno(1,2,3-cd)pyrene	18.29	276	307149	45.32	ng	# 87
87) Benzo(b)fluoranthene	16.72	252	333311	47.11	ng	# 96
88) Benzo(k)fluoranthene	16.75	252	195675m	31.12	ng	
89) Benzo(a)pyrene	17.07	252	256887	41.60	ng	97
90) Dibenzo(a,h)anthracene	18.31	278	249523	40.36	ng	100
91) Benzo(g,h,i)perylene	18.61	276	238256	38.44	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 481

Delta R.T. -0.00 min

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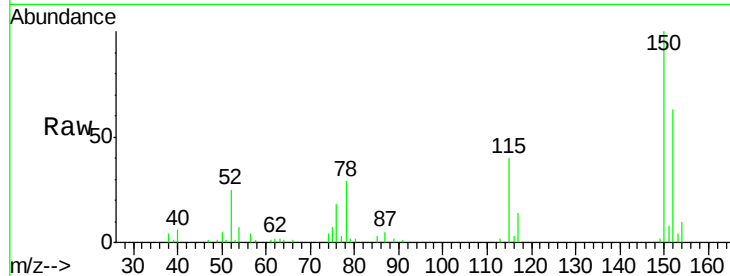
Tgt Ion:152 Resp: 20995

Ion Ratio Lower Upper

152 100

150 158.8 125.9 188.9

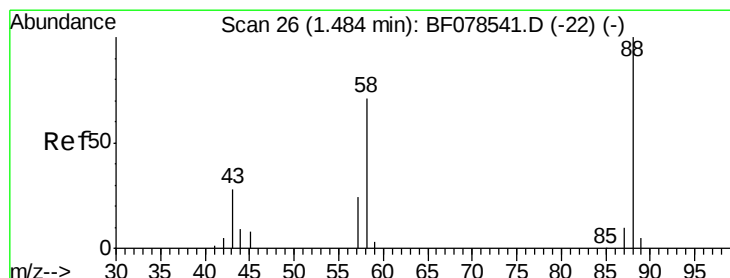
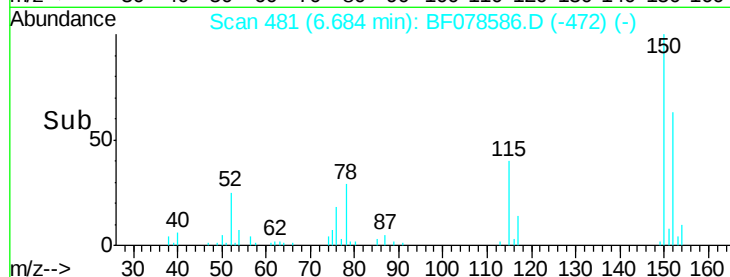
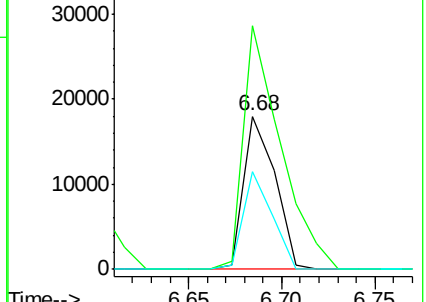
115 63.9 52.7 79.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.29 ng

RT: 1.44 min Scan# 22

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

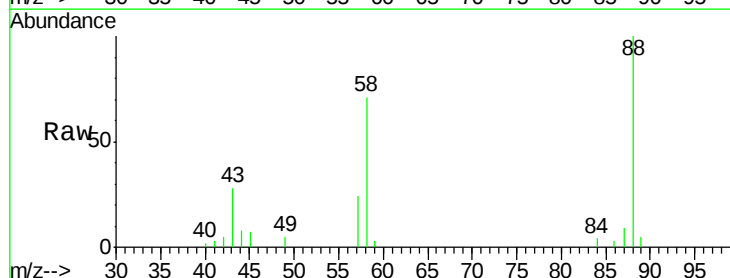
Tgt Ion: 88 Resp: 21473

Ion Ratio Lower Upper

88 100

58 67.8 56.9 85.3

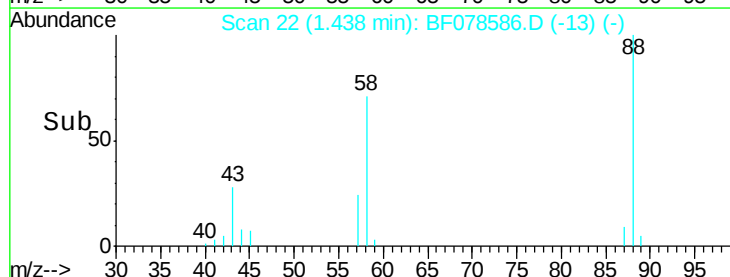
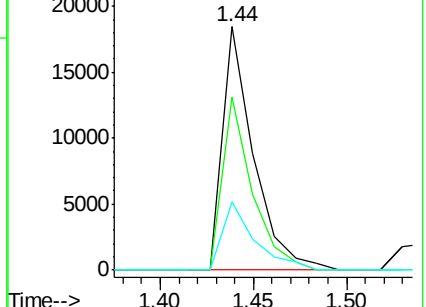
43 29.3 21.4 32.2

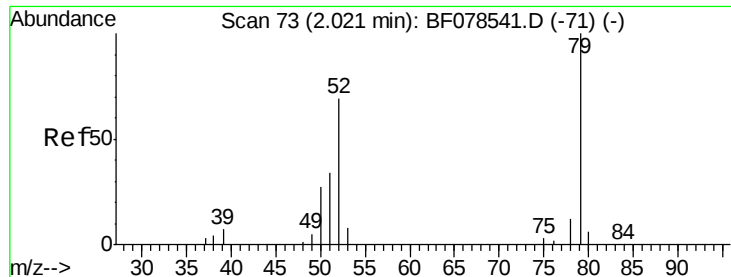


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 45.89 ng

RT: 1.98 min Scan# 69

Delta R.T. -0.01 min

Lab File: BF078586.D

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SSTDCCC040

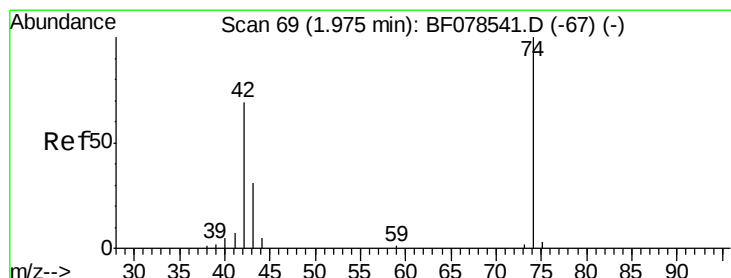
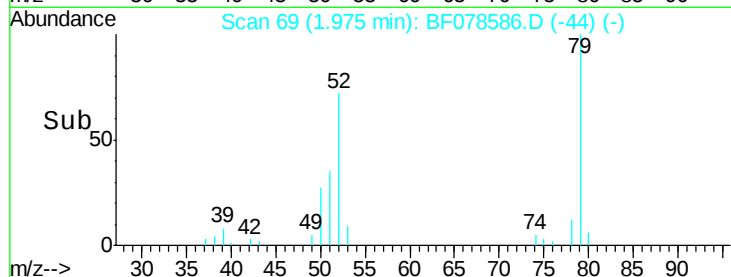
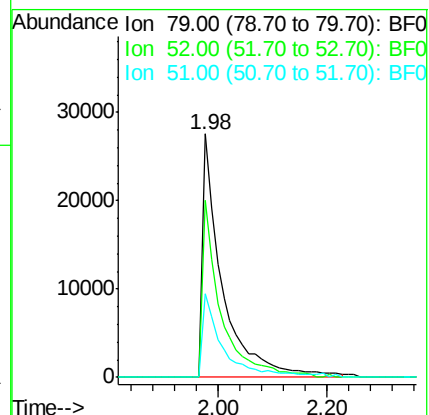
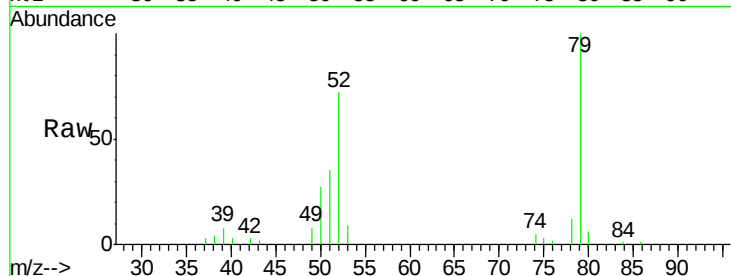
Tgt Ion: 79 Resp: 69216

Ion Ratio Lower Upper

79 100

52 72.5 52.4 78.6

51 34.6 24.9 37.3



#4

n-Nitrosodimethylamine

Concen: 37.81 ng

RT: 1.93 min Scan# 65

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

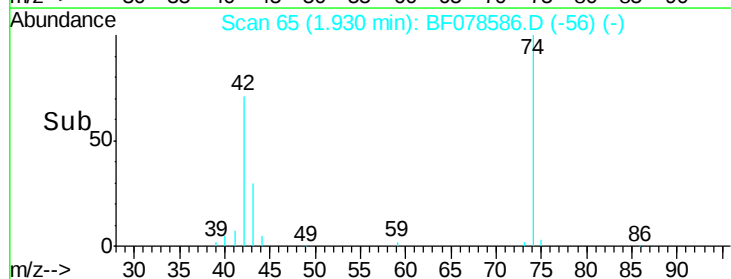
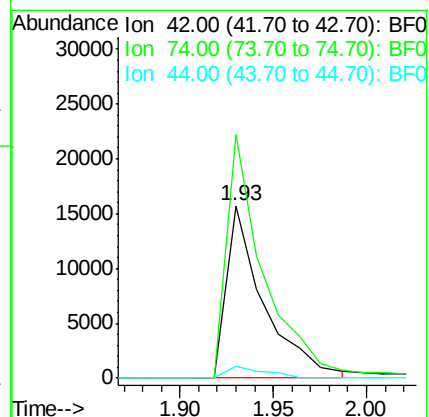
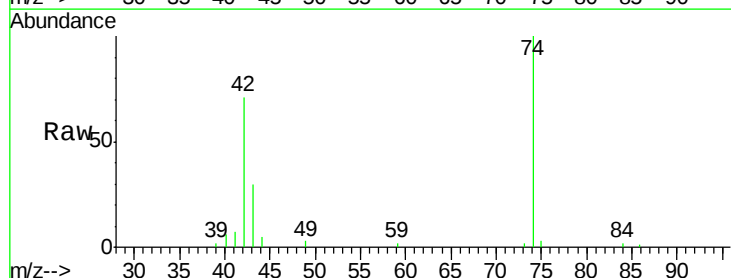
Tgt Ion: 42 Resp: 21951

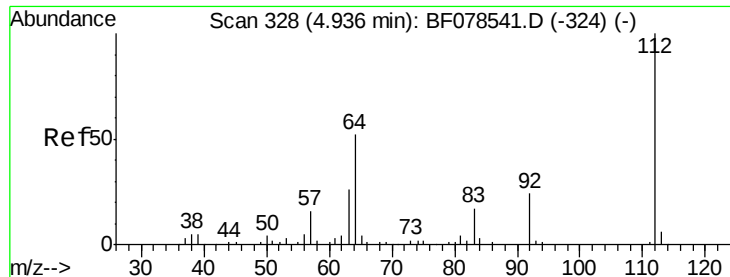
Ion Ratio Lower Upper

42 100

74 141.4 118.7 178.1

44 7.1 5.9 8.9





#5

2-Fluorophenol

Concen: 78.86 ng

RT: 4.91 min Scan# 326

Delta R.T. 0.01 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

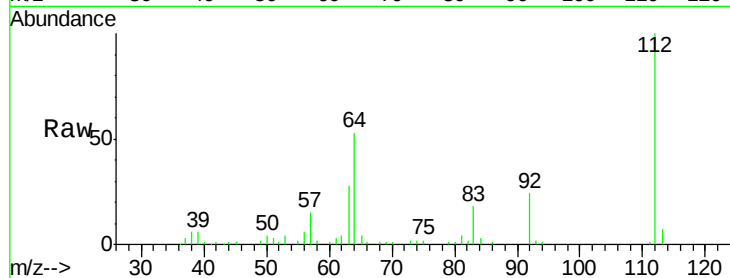
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

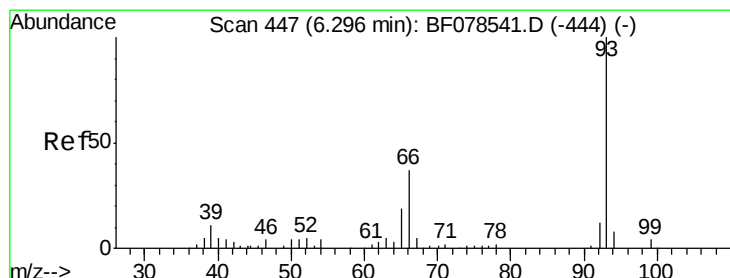
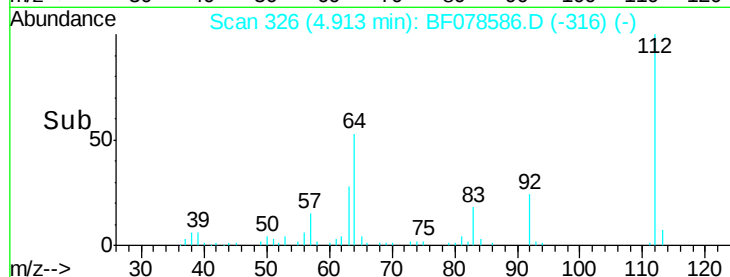
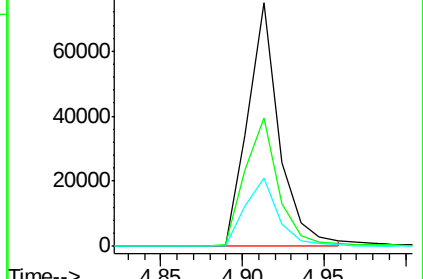
Tgt Ion:	112	Resp:	100417
Ion	Ratio	Lower	Upper
112	100		
64	52.6	39.9	59.9
63	28.1	20.2	30.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 43.20 ng

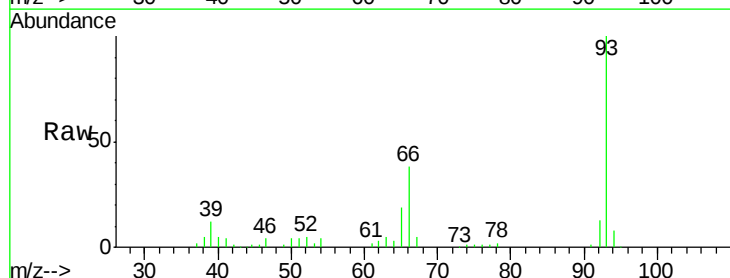
RT: 6.27 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

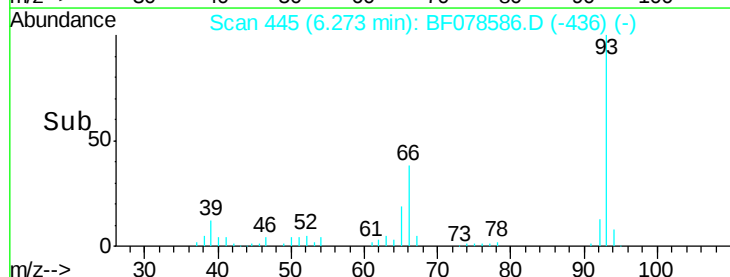
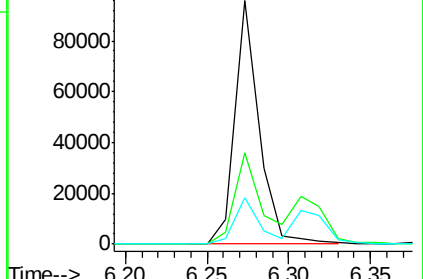
Tgt Ion:	93	Resp:	97771
Ion	Ratio	Lower	Upper
93	100		
66	37.7	38.0	57.0#
65	19.1	16.3	24.5

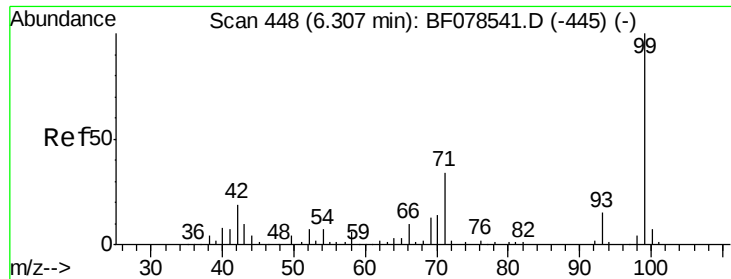


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.07 ng

RT: 6.30 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

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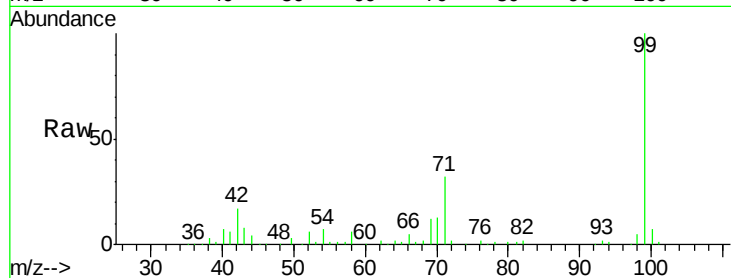
Tgt Ion: 99 Resp: 134156

Ion Ratio Lower Upper

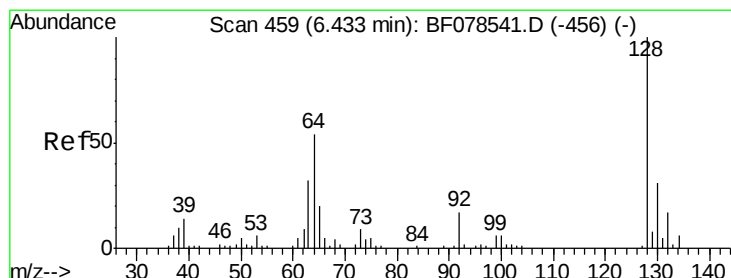
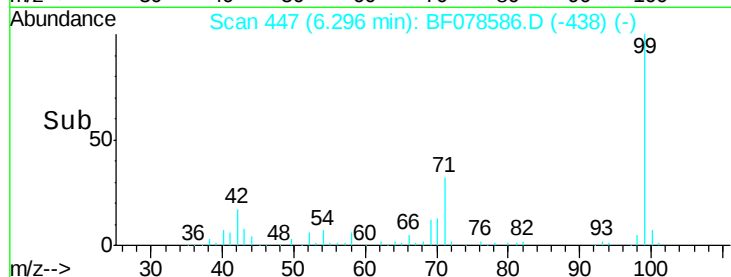
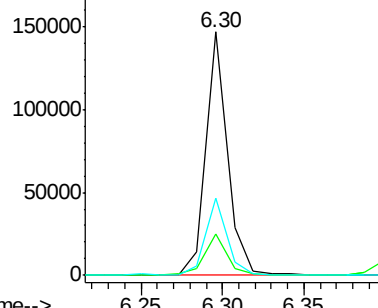
99 100

42 16.9 14.8 22.2

71 31.8 26.6 39.8



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



#8

2-Chlorophenol

Concen: 41.02 ng

RT: 6.42 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

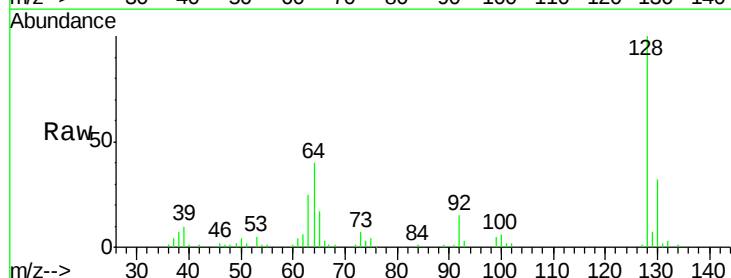
Tgt Ion: 128 Resp: 61762

Ion Ratio Lower Upper

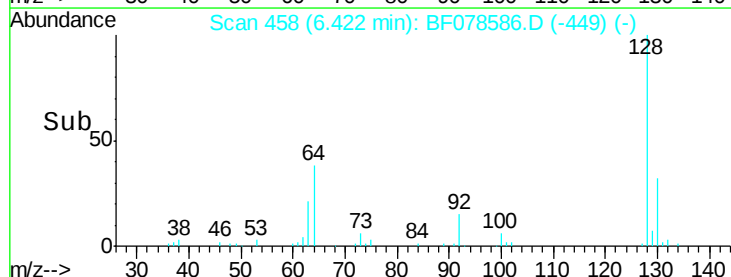
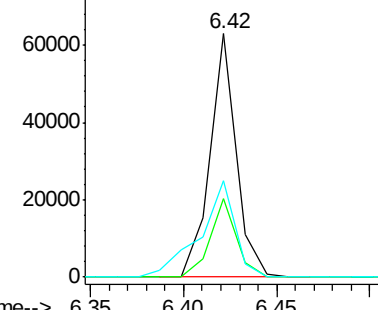
128 100

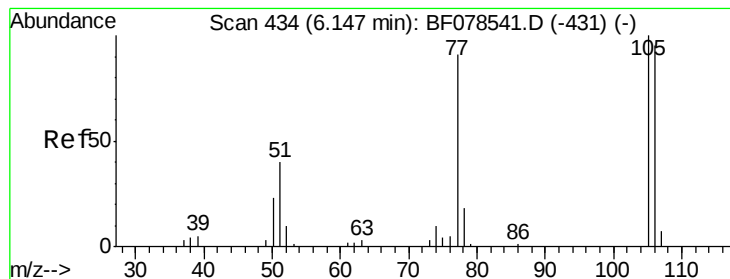
130 32.1 12.3 52.3

64 39.7 23.8 63.8



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





#9

Benzaldehyde

Concen: 28.09 ng

RT: 6.12 min Scan# 432

Delta R.T. -0.00 min

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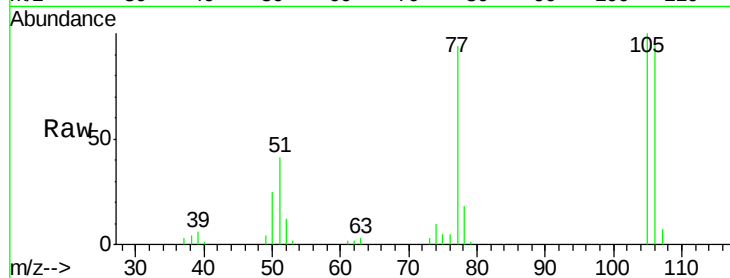
Tgt Ion: 77 Resp: 29709

Ion Ratio Lower Upper

77 100

105 106.1 85.4 125.4

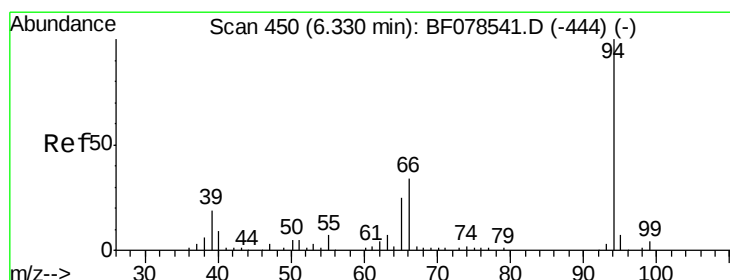
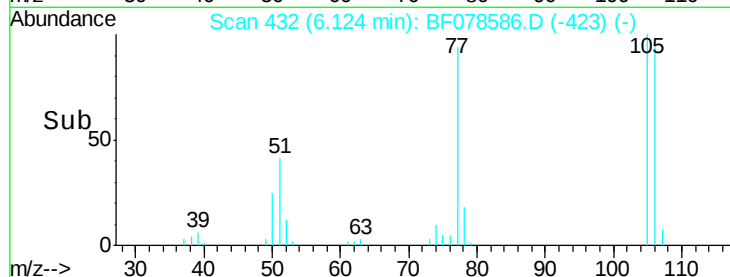
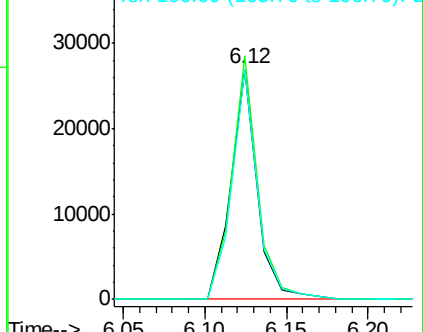
106 100.0 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.30 ng

RT: 6.31 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

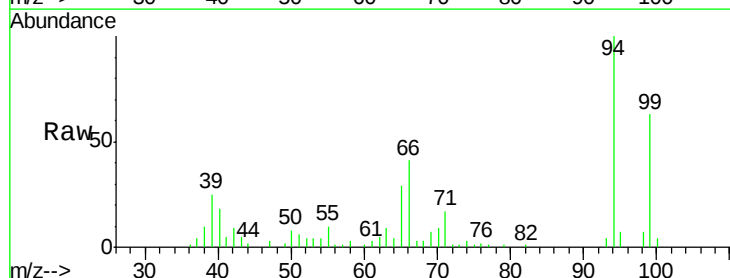
Tgt Ion: 94 Resp: 77064

Ion Ratio Lower Upper

94 100

65 29.5 4.9 44.9

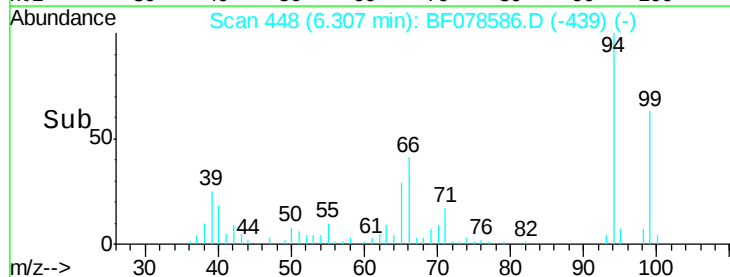
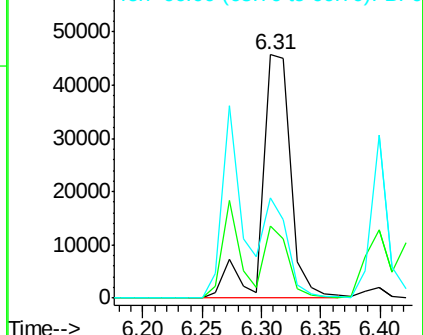
66 41.1 13.8 53.8

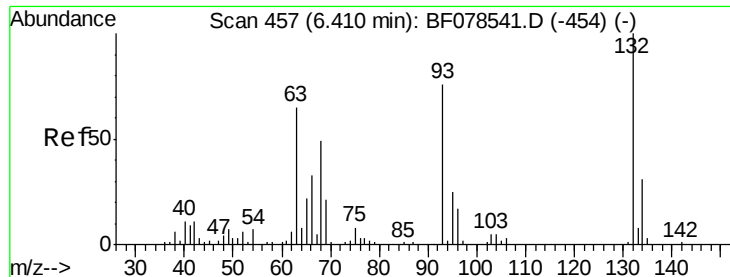


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.38 ng

RT: 6.40 min Scan# 456

Delta R.T. 0.01 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

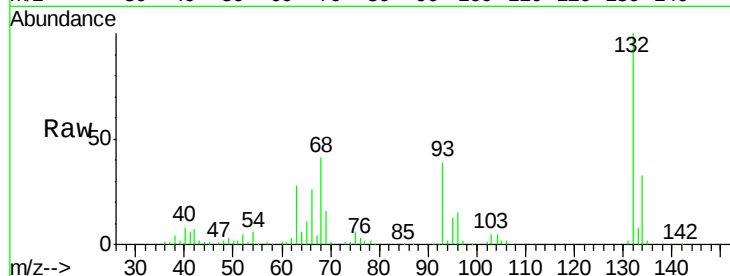
Tgt Ion: 93 Resp: 55526

Ion Ratio Lower Upper

93 100

63 71.0 54.6 94.6

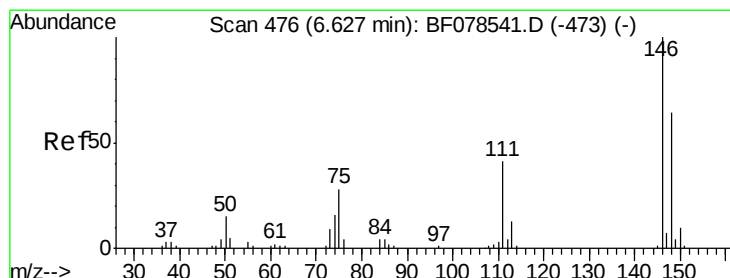
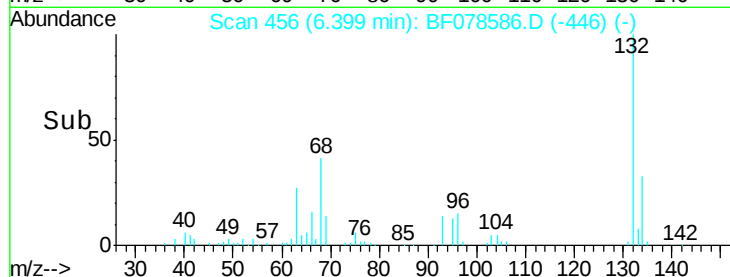
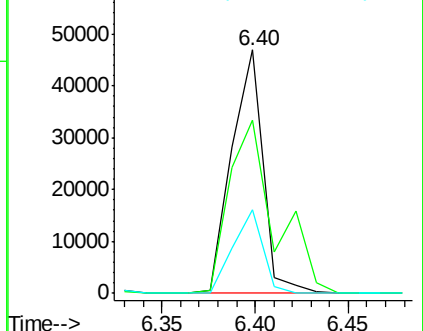
95 34.3 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.83 ng

RT: 6.60 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

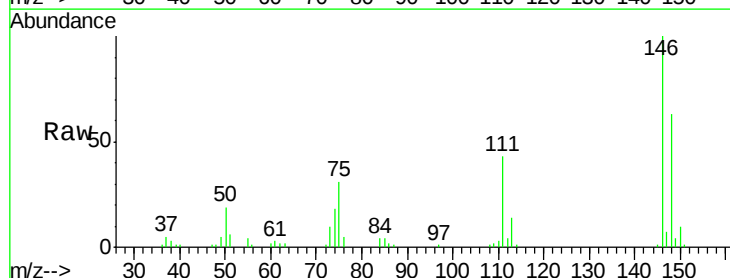
Tgt Ion: 146 Resp: 65876

Ion Ratio Lower Upper

146 100

148 62.8 49.1 73.7

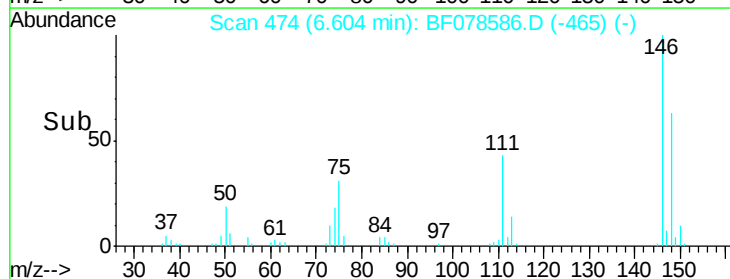
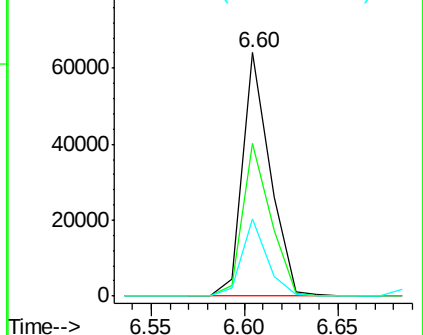
75 31.5 26.6 40.0

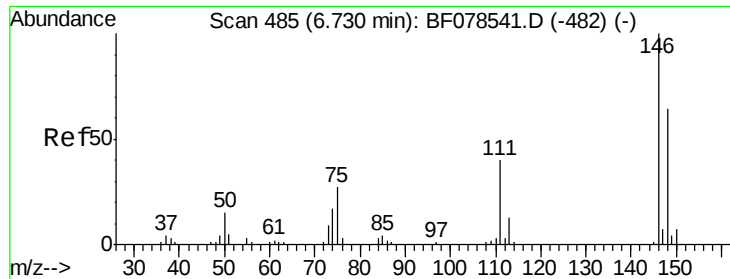


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

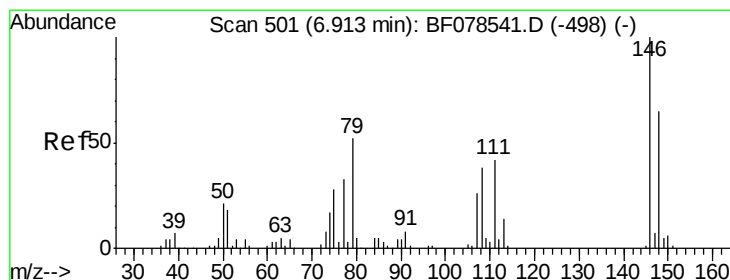
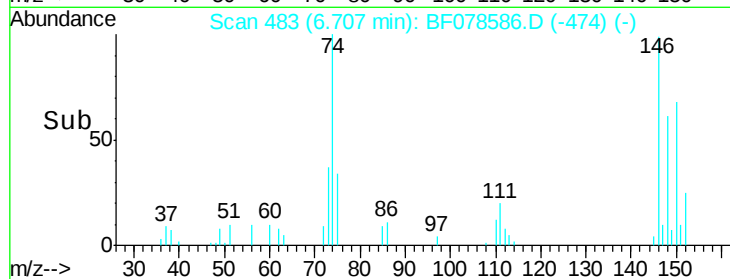
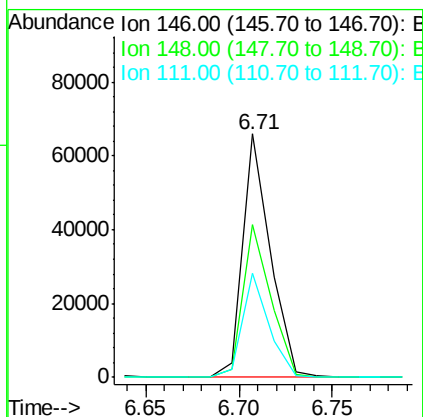
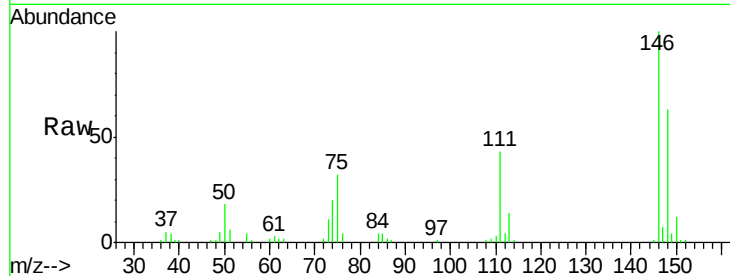




#13
 1,4-Dichlorobenzene
 Concen: 40.57 ng
 RT: 6.71 min Scan# 483
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

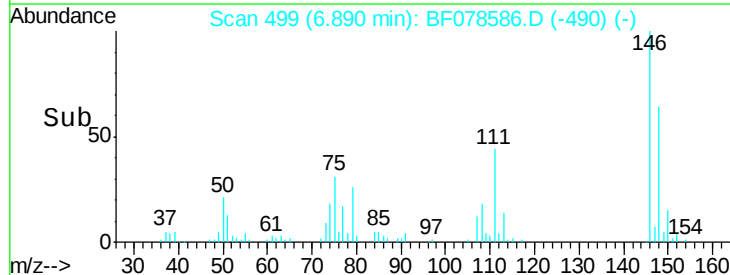
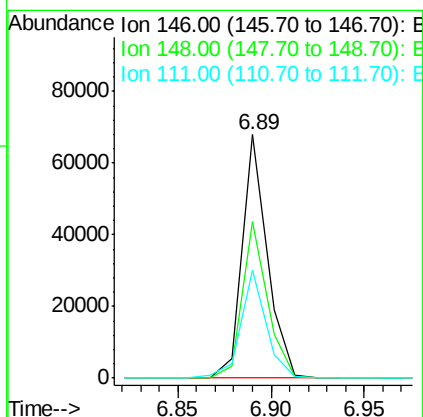
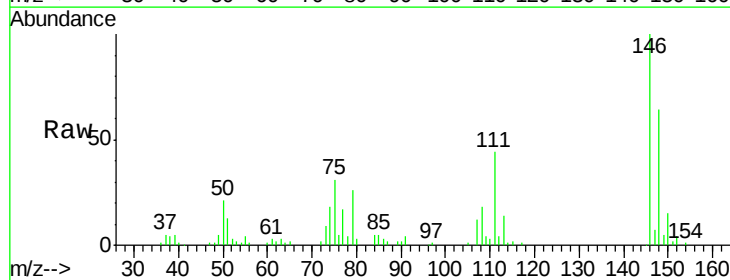
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

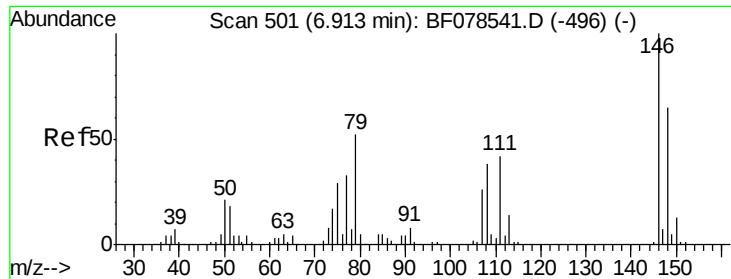
Tgt Ion:146 Resp: 67546
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.4 77.0
 111 42.7 35.0 52.4



#14
 1,2-Dichlorobenzene
 Concen: 40.90 ng
 RT: 6.89 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

Tgt Ion:146 Resp: 63850
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.2 75.4
 111 44.5 36.1 54.1





#15

Benzyl Alcohol

Concen: 45.57 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

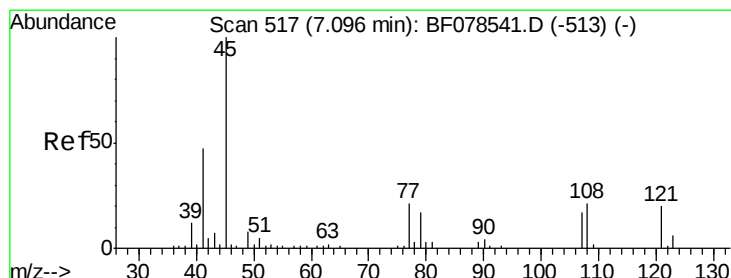
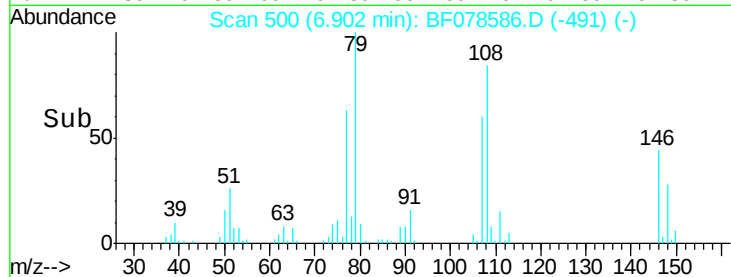
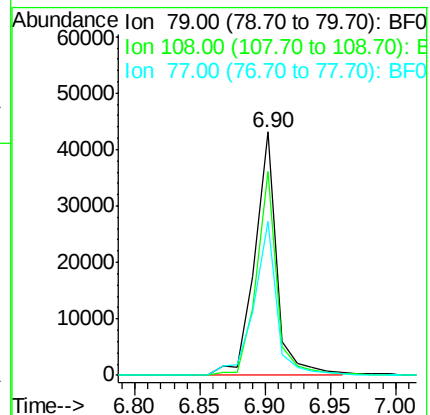
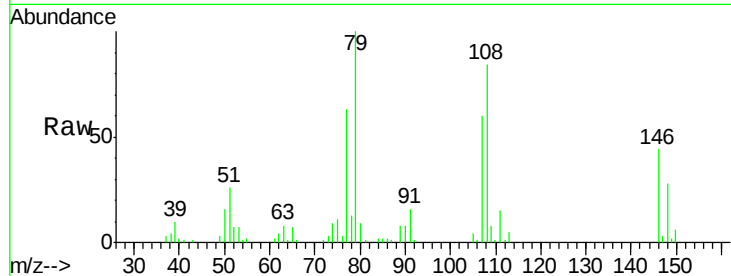
Tgt Ion: 79 Resp: 51102

Ion Ratio Lower Upper

79 100

108 83.8 57.6 86.4

77 63.2 53.5 80.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.21 ng

RT: 7.08 min Scan# 516

Delta R.T. 0.01 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

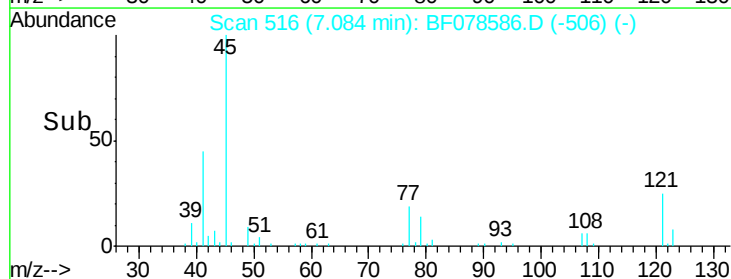
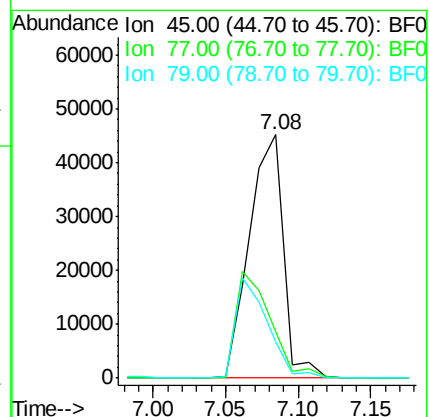
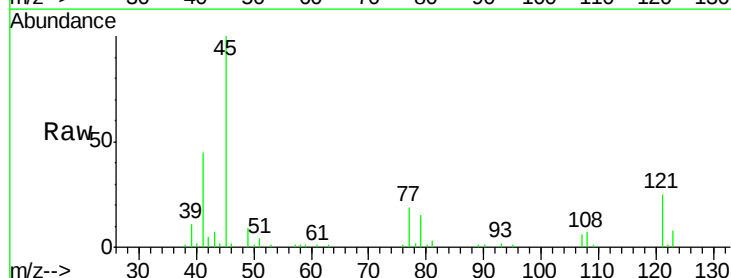
Tgt Ion: 45 Resp: 73748

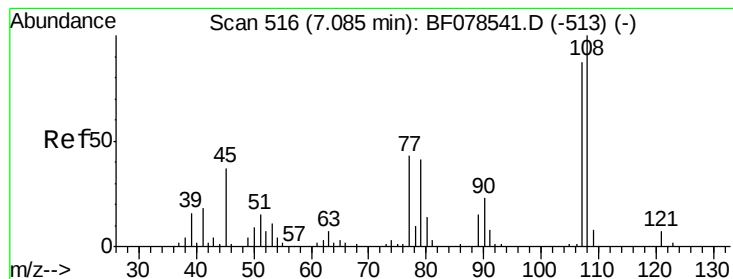
Ion Ratio Lower Upper

45 100

77 18.9 0.0 34.5

79 15.0 0.0 31.9





#17

2-Methylphenol

Concen: 40.46 ng

RT: 7.06 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 47295

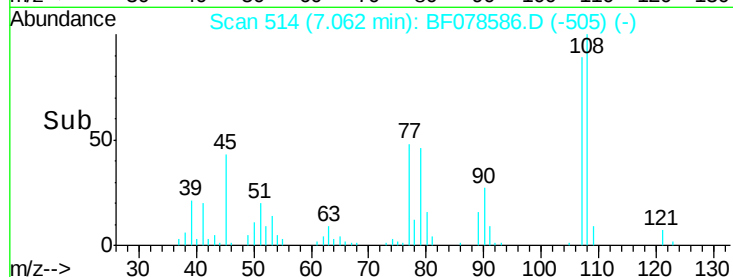
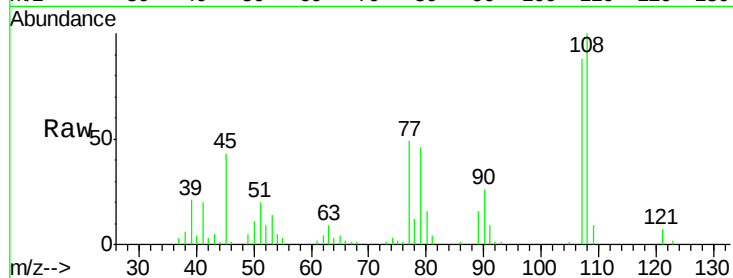
Ion Ratio Lower Upper

107 100

108 113.1 90.3 135.5

77 55.4 35.5 53.3#

79 52.6 34.2 51.4#

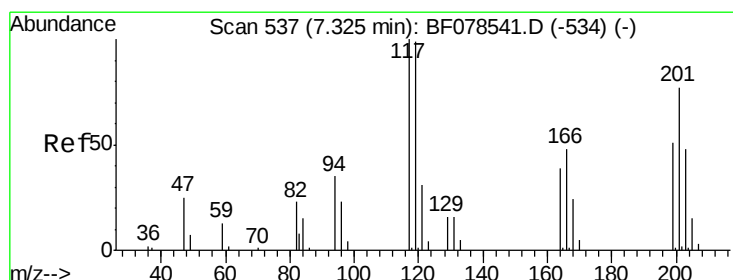
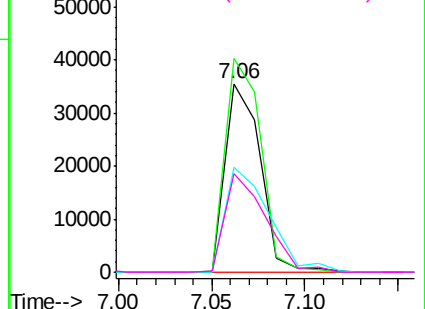


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.96 ng

RT: 7.30 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

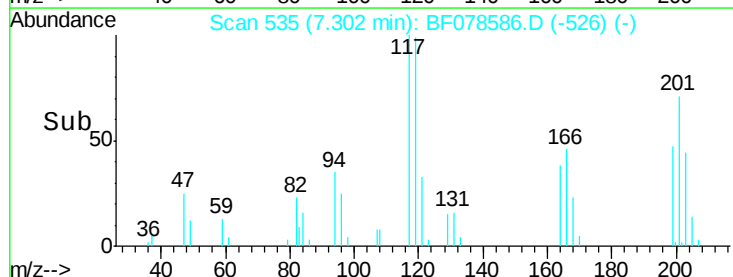
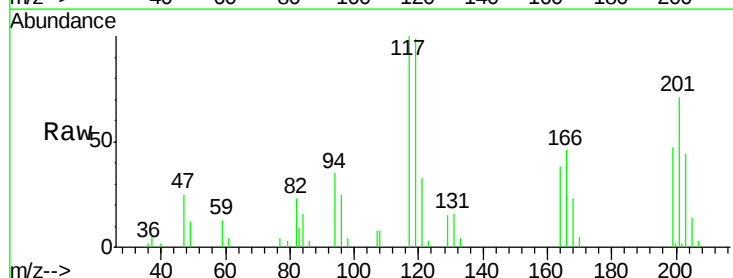
Tgt Ion:117 Resp: 19625

Ion Ratio Lower Upper

117 100

119 98.8 77.0 115.6

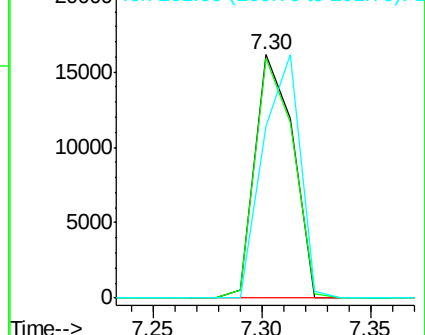
201 71.0 98.1 147.1#

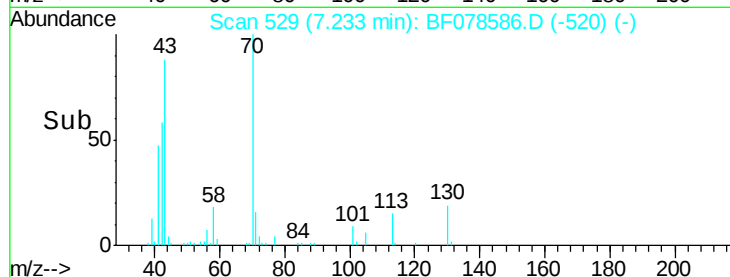
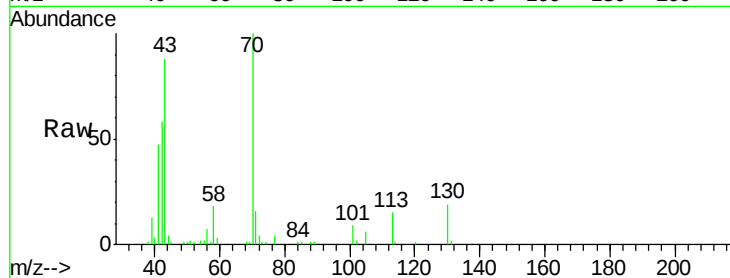
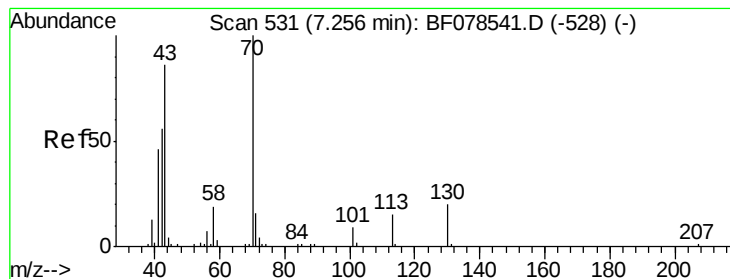


Abundance Ion 117.00 (116.70 to 117.70): E

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: 43.52 ng

RT: 7.23 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 45827

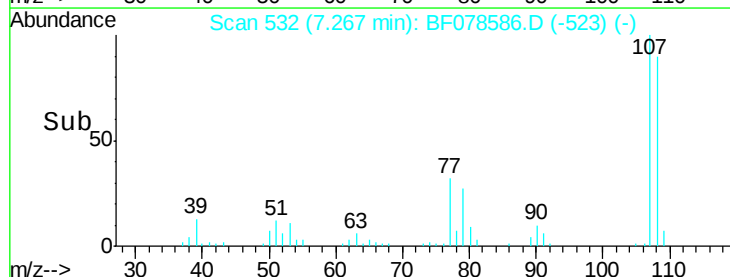
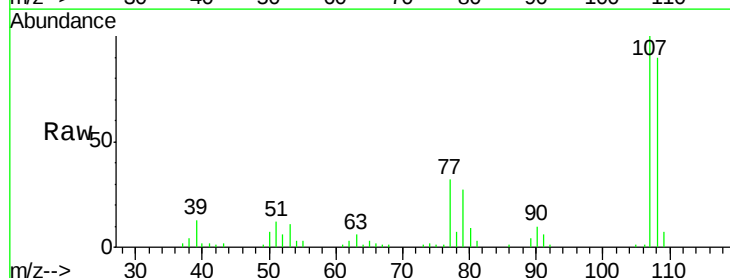
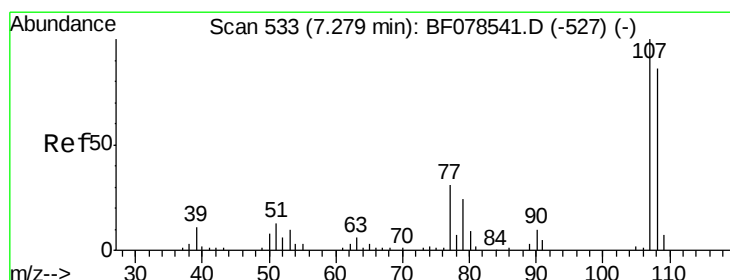
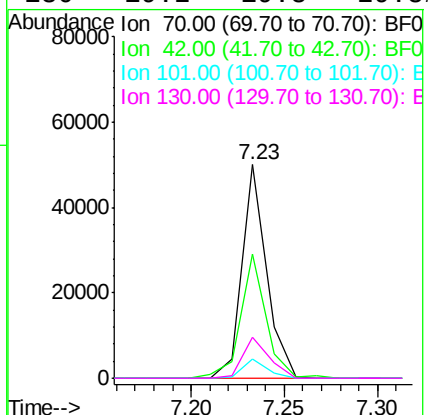
Ion Ratio Lower Upper

70 100

42 57.9 38.9 58.3

101 9.2 8.3 12.5

130 19.2 19.8 29.8#



#20

3+4-Methylphenols

Concen: 41.28 ng

RT: 7.27 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

Tgt Ion: 107 Resp: 64370

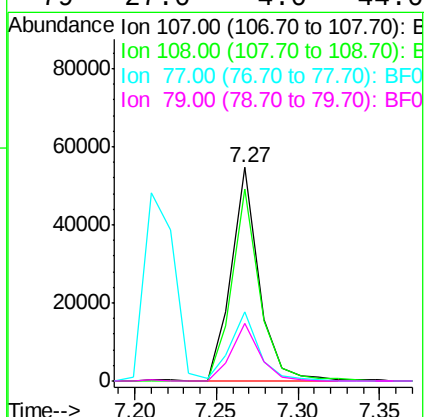
Ion Ratio Lower Upper

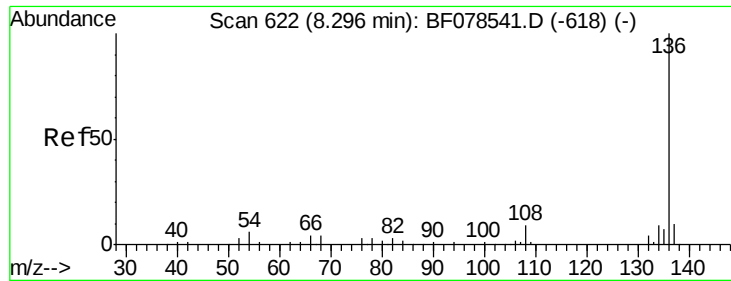
107 100

108 89.7 64.4 104.4

77 32.2 9.7 49.7

79 27.0 4.0 44.0

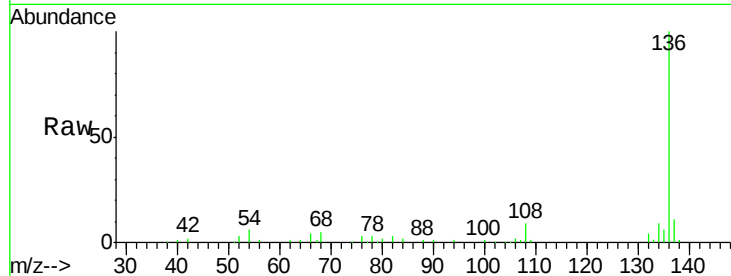




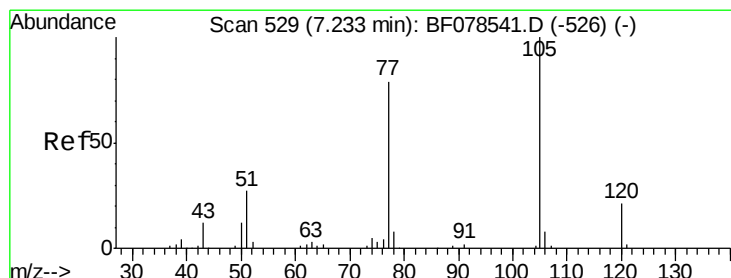
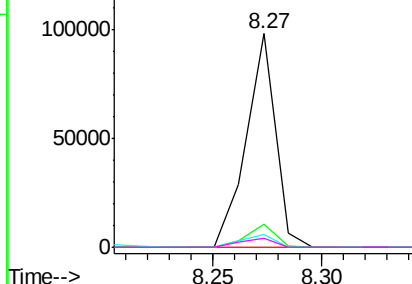
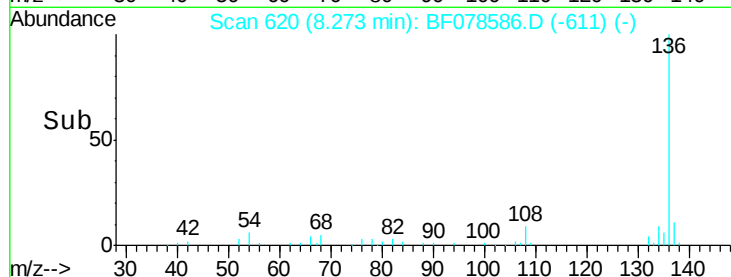
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF078586.D
Acq: 17 Apr 2015 2:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	91339
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	5.8	7.0	10.6#
68	4.5	5.4	8.2#

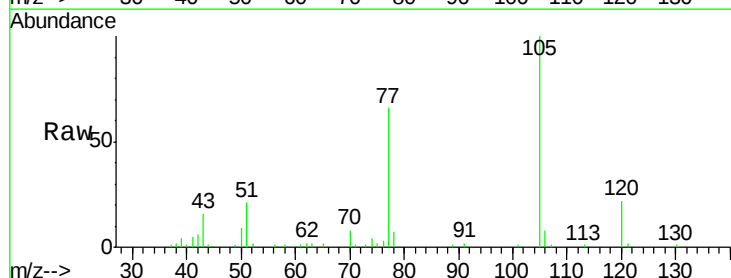


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

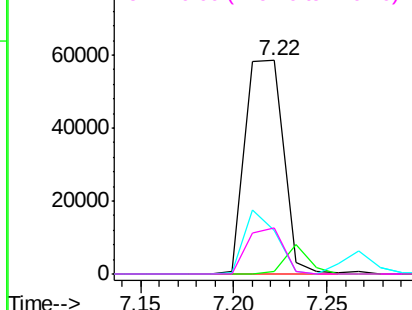
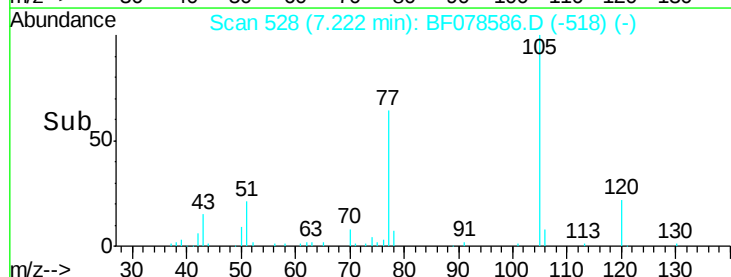


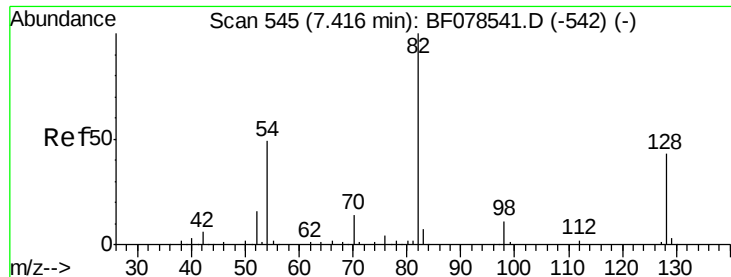
#22
Acetophenone
Concen: 39.25 ng
RT: 7.22 min Scan# 528
Delta R.T. 0.01 min
Lab File: BF078586.D
Acq: 17 Apr 2015 2:47

Tgt Ion:	105	Resp:	83524
Ion	Ratio	Lower	Upper
105	100		
71	1.2	5.5	8.3#
51	20.6	16.0	24.0
120	21.8	17.8	26.6



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

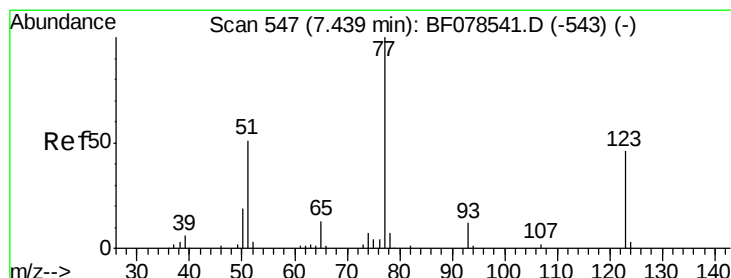
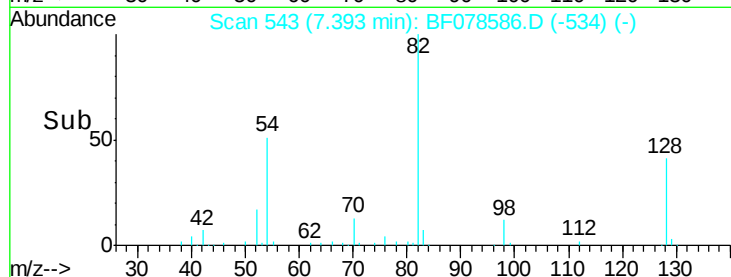
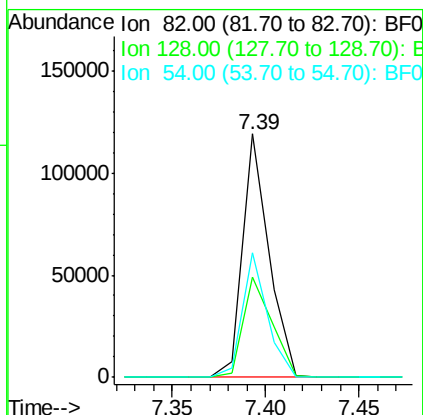
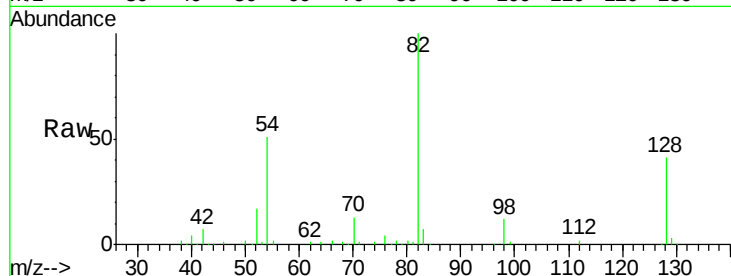




#23
 Nitrobenzene-d5
 Concen: 77.57 ng
 RT: 7.39 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

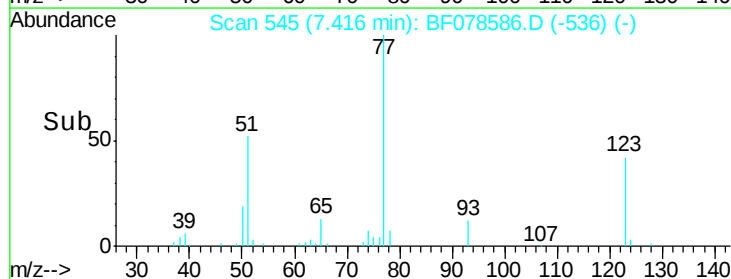
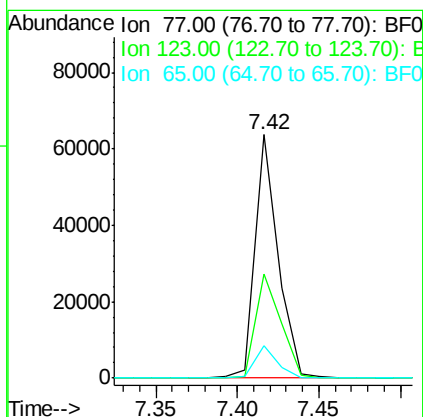
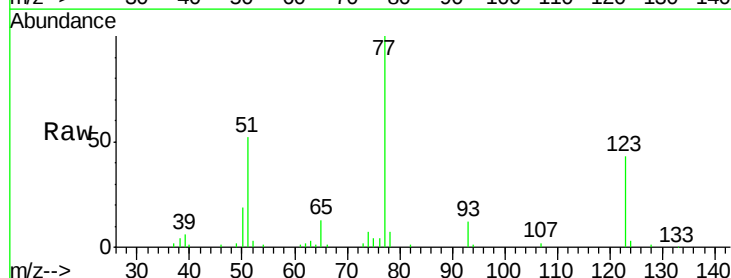
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

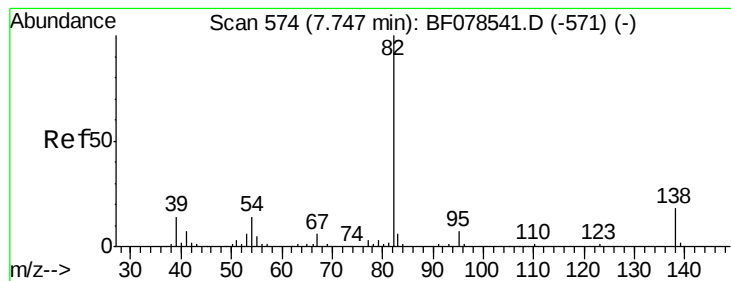
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.8	47.8
54	51.4	41.5	62.3



#24
 Nitrobenzene
 Concen: 39.81 ng
 RT: 7.42 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.8	46.9	70.3#
65	13.1	9.5	14.3





#25

Isophorone

Concen: 42.83 ng

RT: 7.72 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

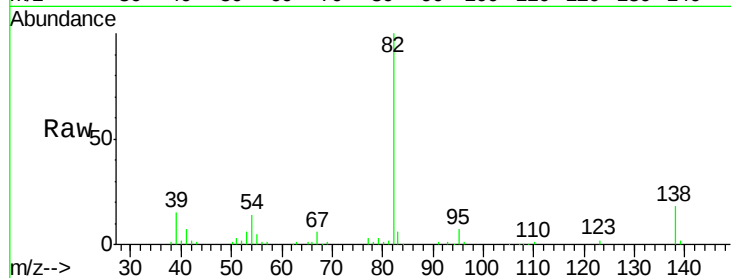
Tgt Ion: 82 Resp: 122495

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

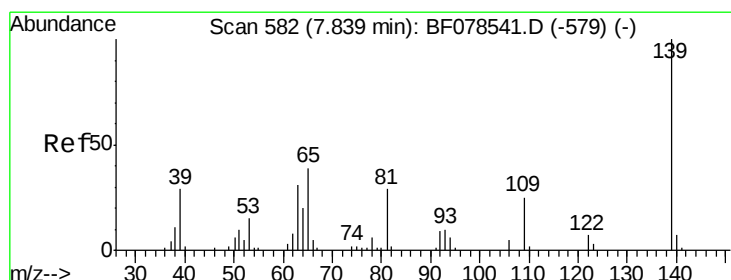
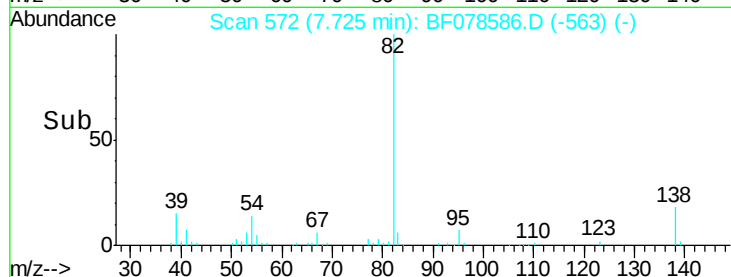
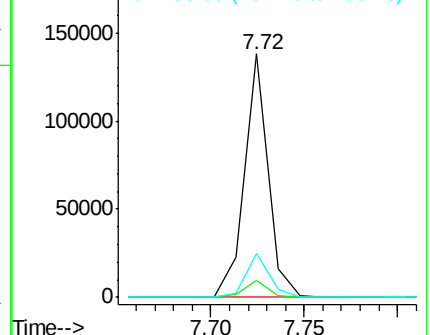
138 17.8 15.8 23.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 33.12 ng

RT: 7.82 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

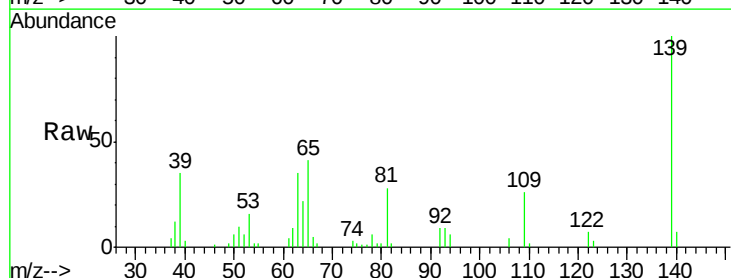
Tgt Ion: 139 Resp: 24863

Ion Ratio Lower Upper

139 100

109 26.3 19.8 29.8

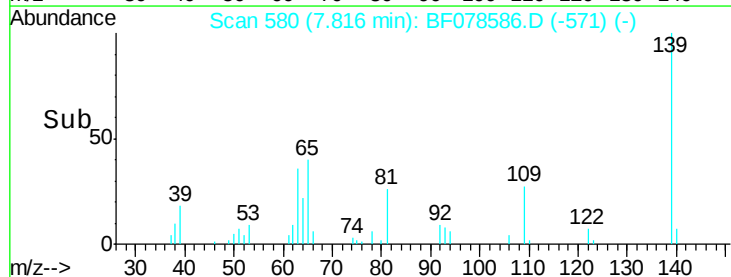
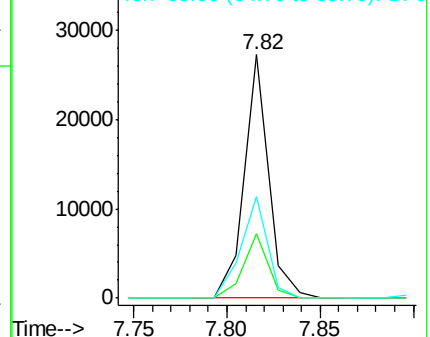
65 41.5 32.7 49.1

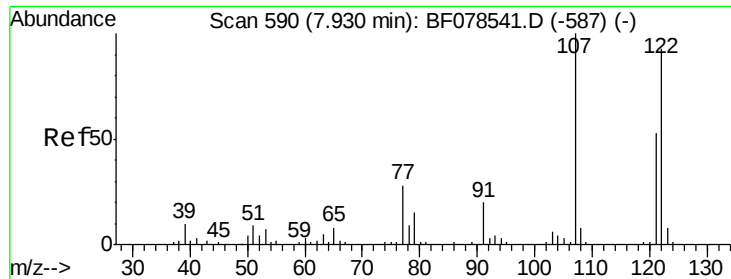


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

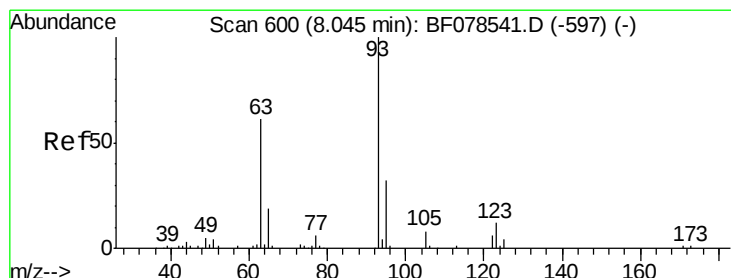
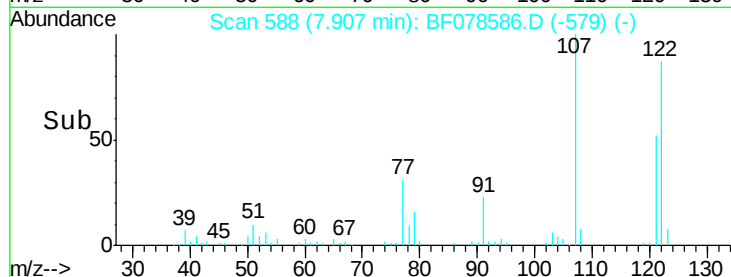
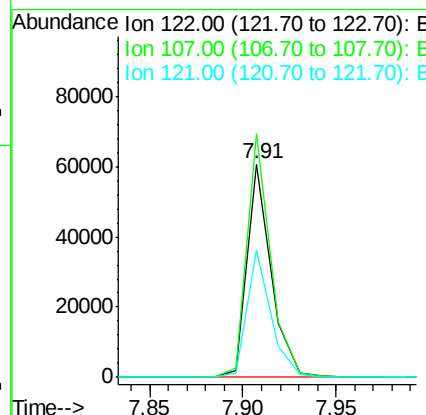
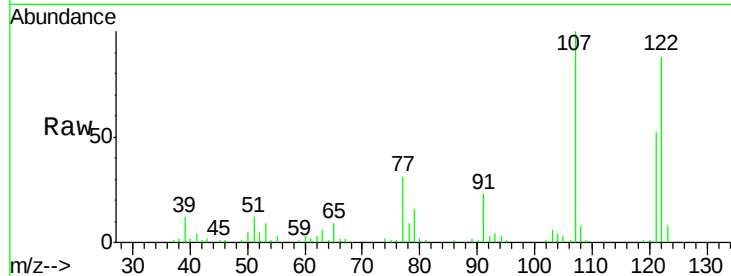




#27
 2,4-Dimethylphenol
 Concen: 39.21 ng
 RT: 7.91 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

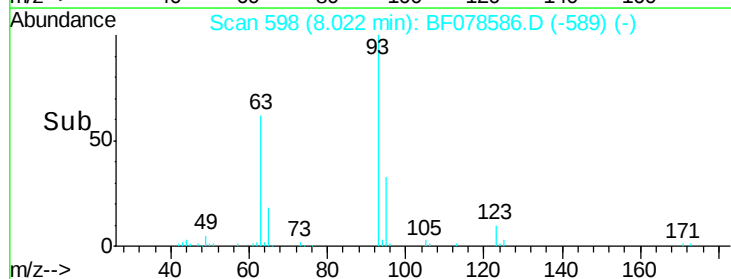
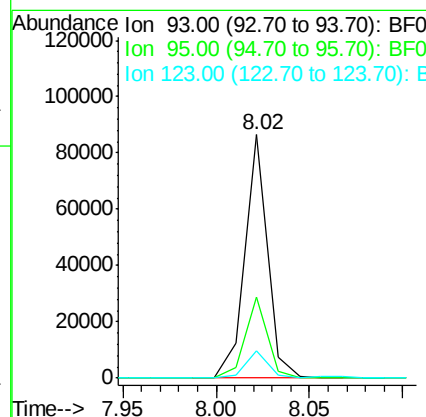
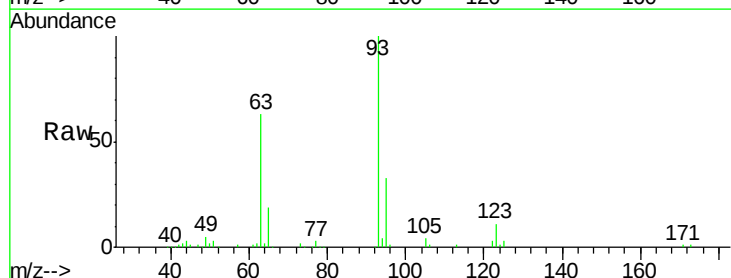
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

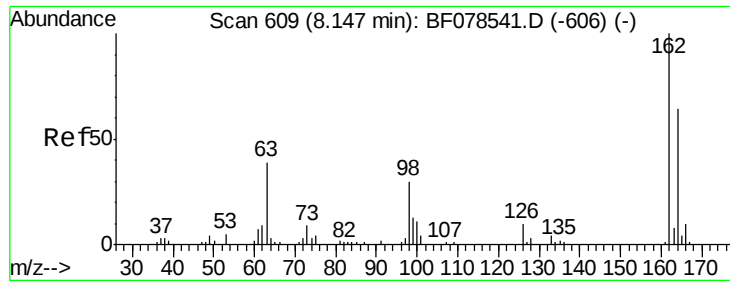
Tgt Ion:122 Resp: 54741
 Ion Ratio Lower Upper
 122 100
 107 114.0 84.6 127.0
 121 59.3 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.95 ng
 RT: 8.02 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

Tgt Ion: 93 Resp: 73269
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 11.5 9.1 13.7

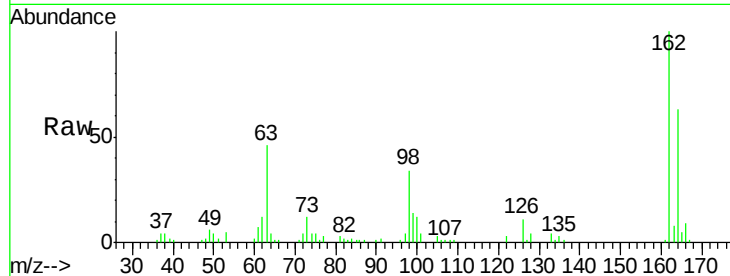




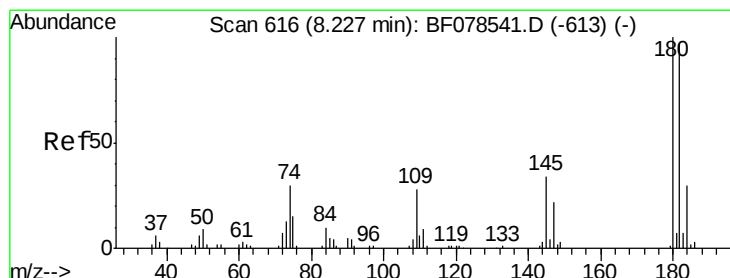
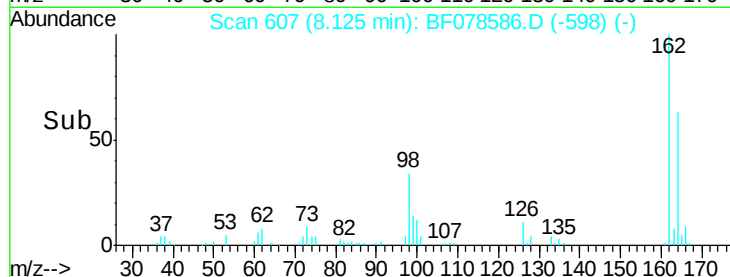
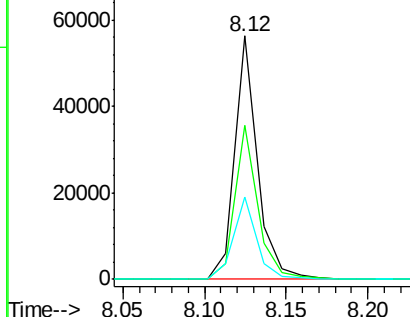
#29
 2,4-Dichlorophenol
 Concen: 42.52 ng
 RT: 8.12 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.1	47.0	87.0
98	34.0	9.2	49.2

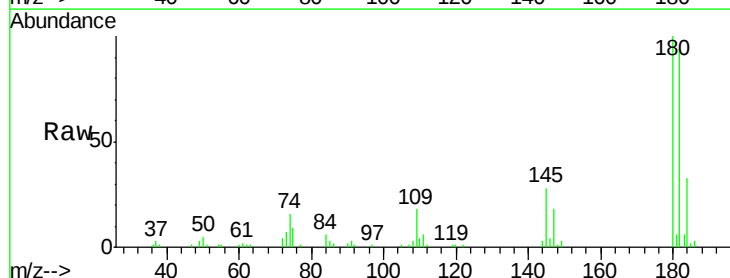


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

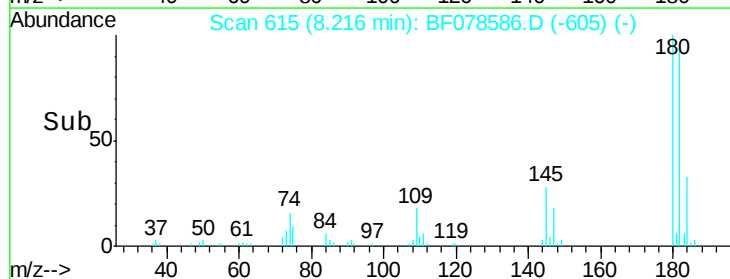
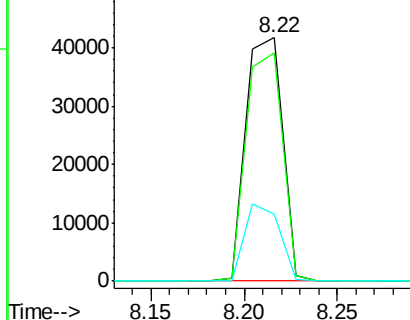


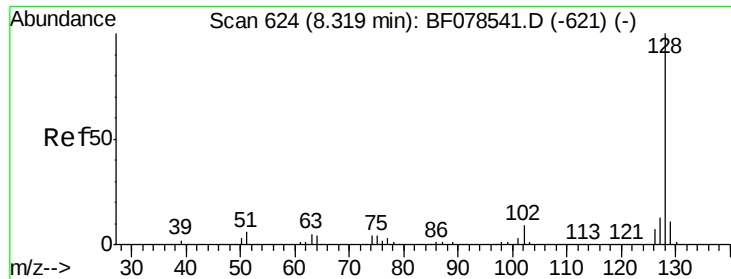
#30
 1,2,4-Trichlorobenzene
 Concen: 39.11 ng
 RT: 8.22 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.9	115.3
145	27.7	22.5	33.7



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

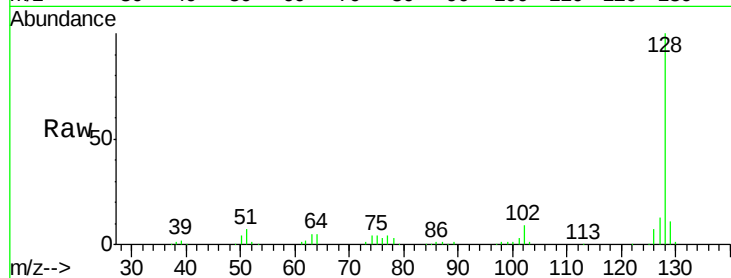




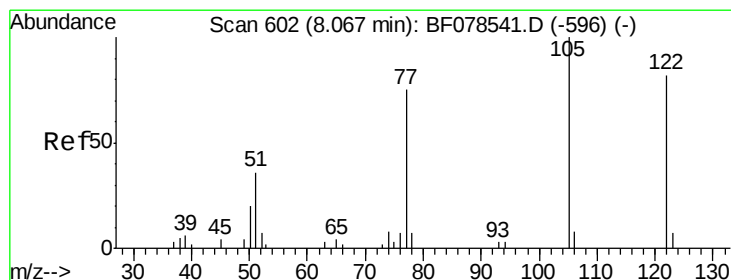
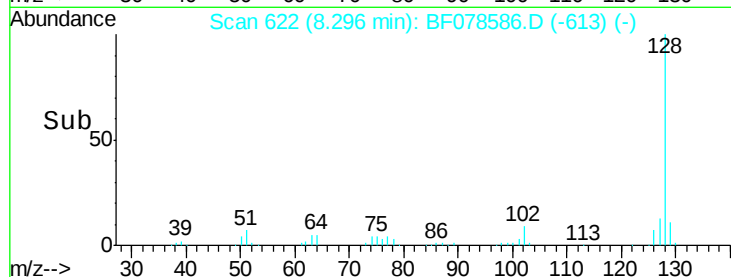
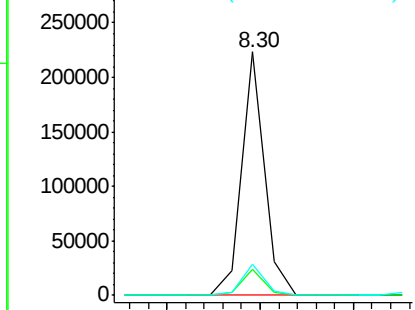
#31
Naphthalene
Concen: 40.04 ng
RT: 8.30 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF078586.D
Acq: 17 Apr 2015 2:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 190344
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.9 10.7 16.1

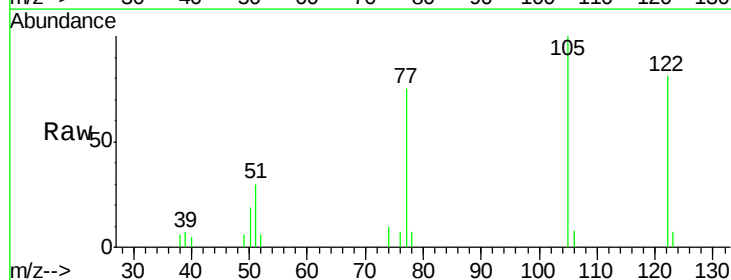


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

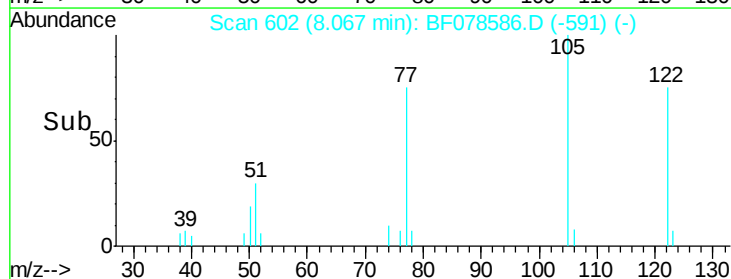
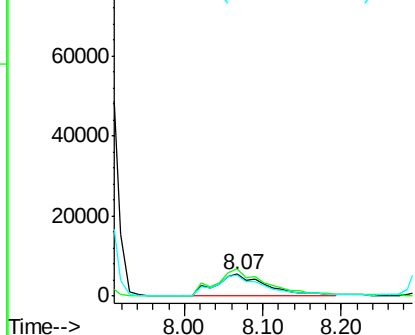


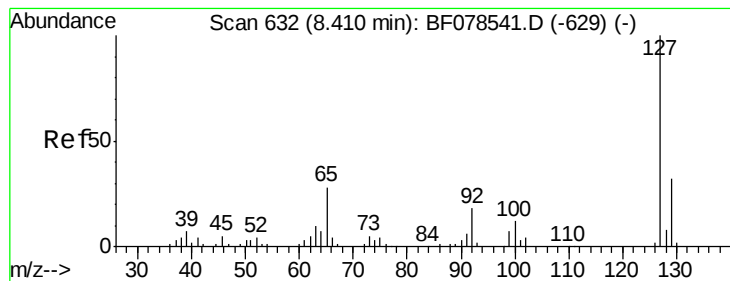
#32
Benzoic acid
Concen: 39.98 ng m
RT: 8.07 min Scan# 602
Delta R.T. 0.02 min
Lab File: BF078586.D
Acq: 17 Apr 2015 2:47

Tgt Ion:122 Resp: 25527
Ion Ratio Lower Upper
122 100
105 123.0 96.1 136.1
77 92.6 64.1 104.1



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

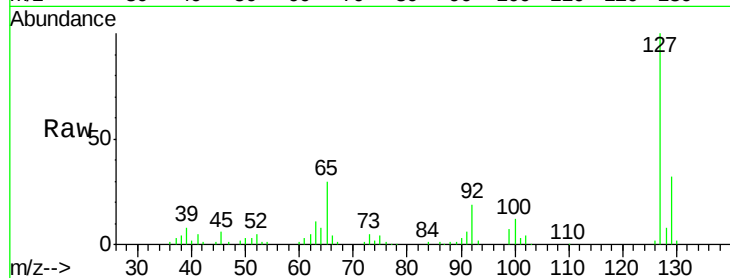




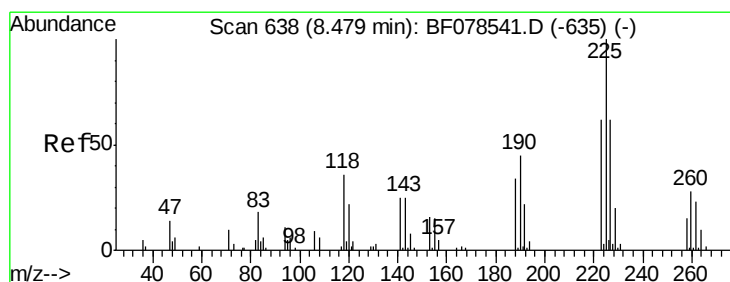
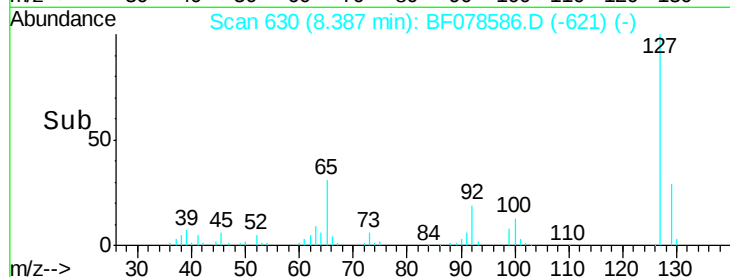
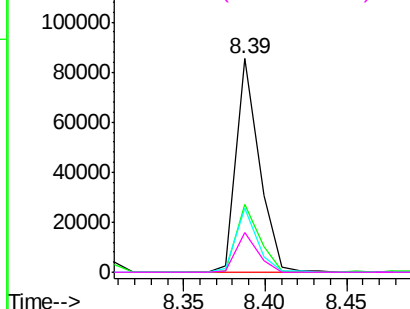
#33
4-Chloroaniline
Concen: 42.26 ng
RT: 8.39 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF078586.D
Acq: 17 Apr 2015 2:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	83369
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.5	38.3
65	30.1	21.7	32.5
92	18.8	14.6	21.8

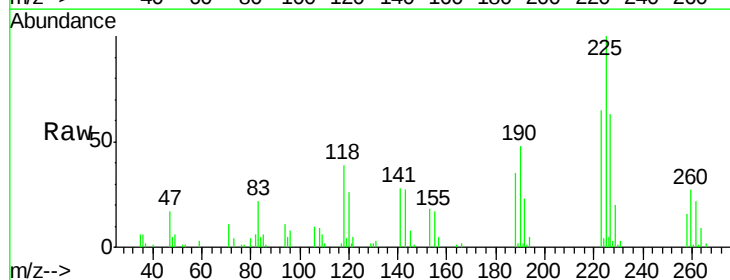


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

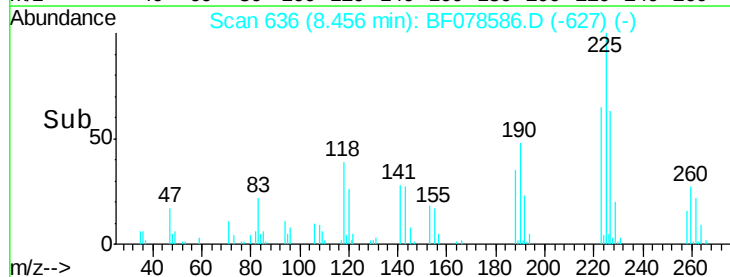
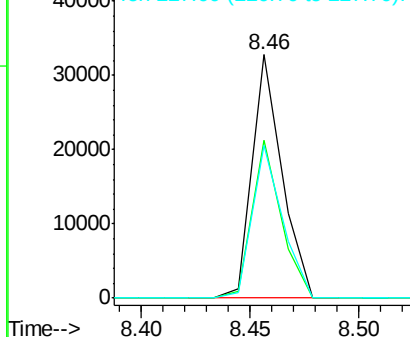


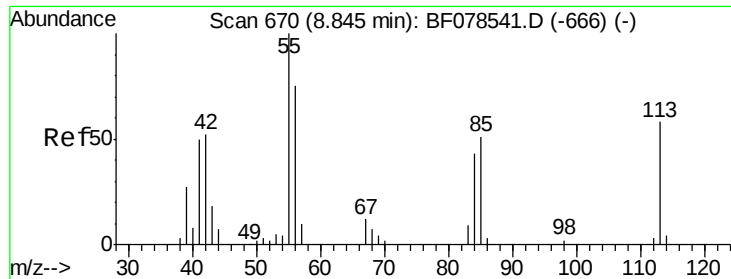
#34
Hexachlorobutadiene
Concen: 39.07 ng
RT: 8.46 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF078586.D
Acq: 17 Apr 2015 2:47

Tgt Ion:	225	Resp:	31236
Ion	Ratio	Lower	Upper
225	100		
223	64.7	47.5	71.3
227	62.5	50.2	75.2



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

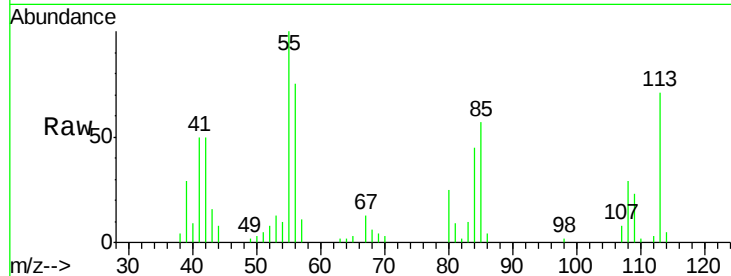




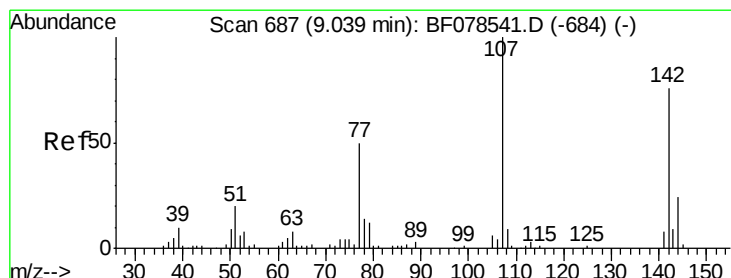
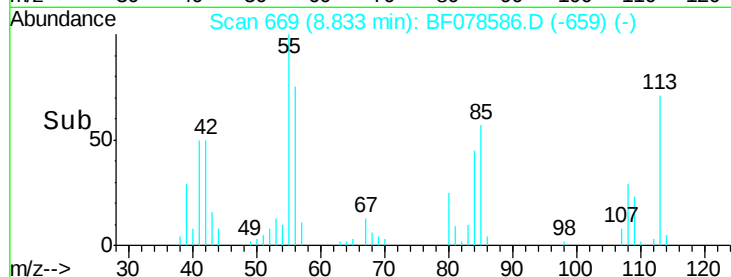
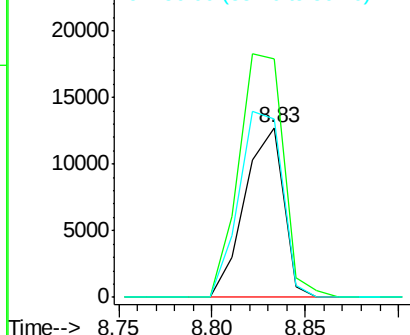
#35
 Caprolactam
 Concen: 48.45 ng
 RT: 8.83 min Scan# 669
 Delta R.T. 0.01 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 18366
 Ion Ratio Lower Upper
 113 100
 55 140.4 151.9 191.9#
 56 105.2 106.1 146.1#

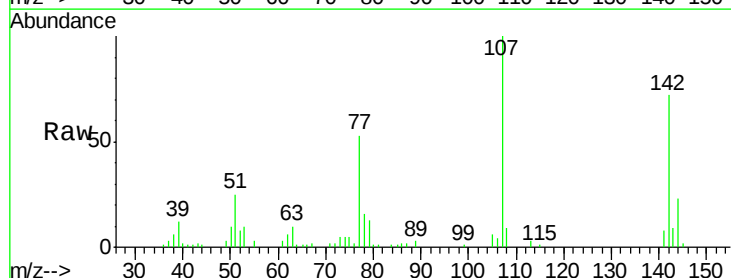


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

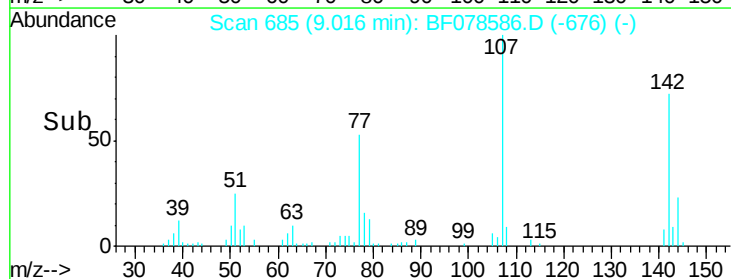
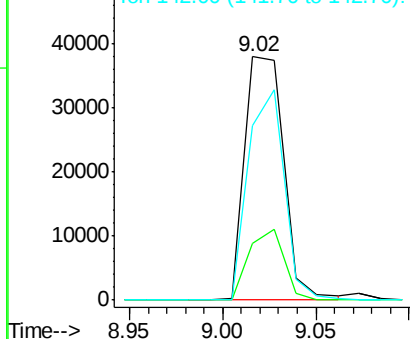


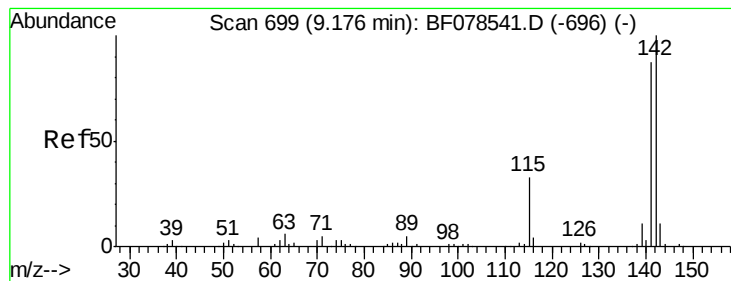
#36
 4-Chloro-3-methylphenol
 Concen: 43.16 ng
 RT: 9.02 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

Tgt Ion:107 Resp: 55310
 Ion Ratio Lower Upper
 107 100
 144 23.4 18.2 27.2
 142 71.5 58.0 87.0



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

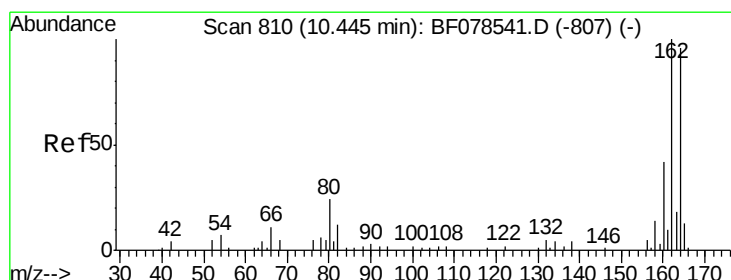
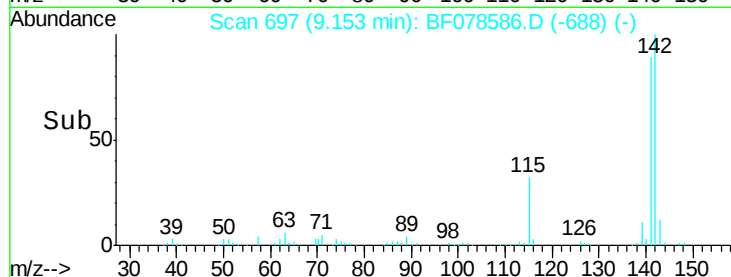
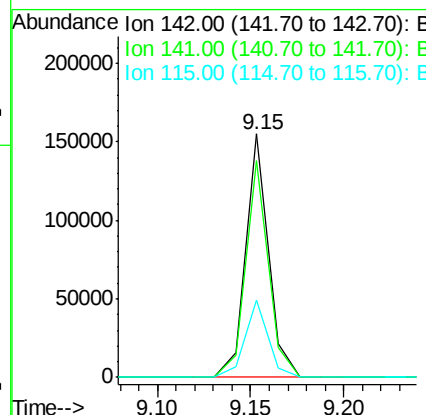
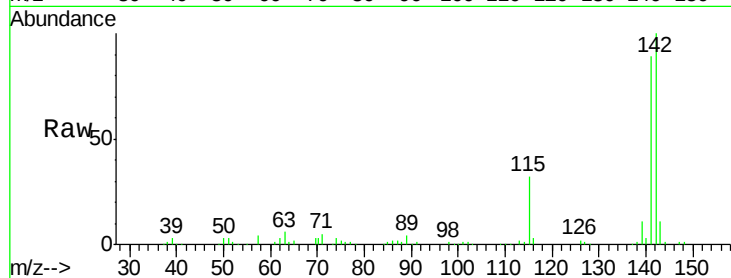




#37
 2-Methylnaphthalene
 Concen: 41.07 ng
 RT: 9.15 min Scan# 697
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

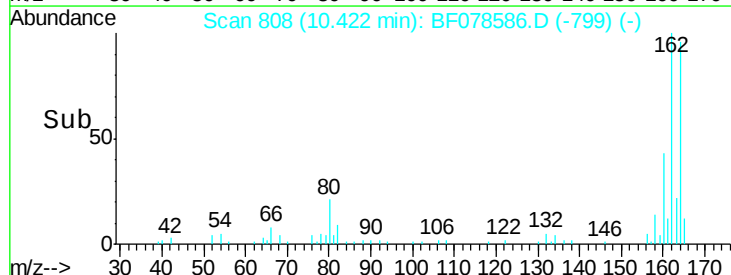
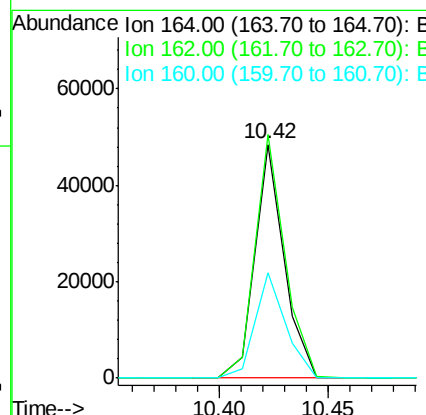
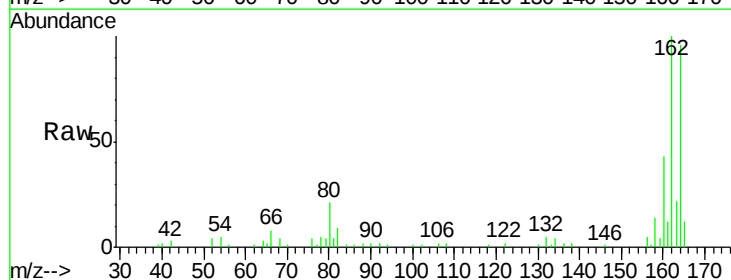
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

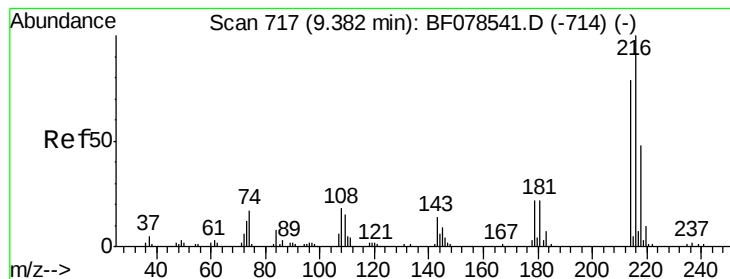
Tgt Ion:142 Resp: 132571
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.3 105.5
 115 31.9 24.6 37.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.42 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

Tgt Ion:164 Resp: 45134
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.2 123.2
 160 45.0 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.29 ng

RT: 9.36 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 57738

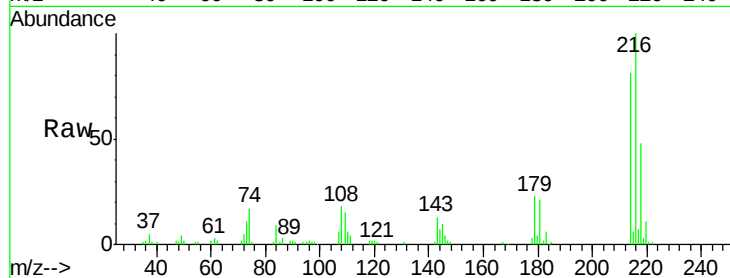
Ion Ratio Lower Upper

216 100

214 80.0 62.0 93.0

179 22.3 17.3 25.9

108 18.0 14.6 21.8

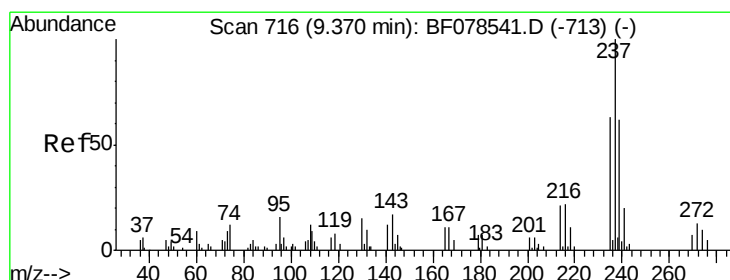
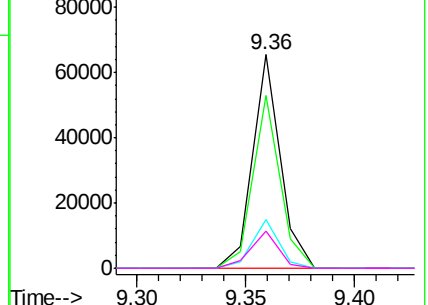
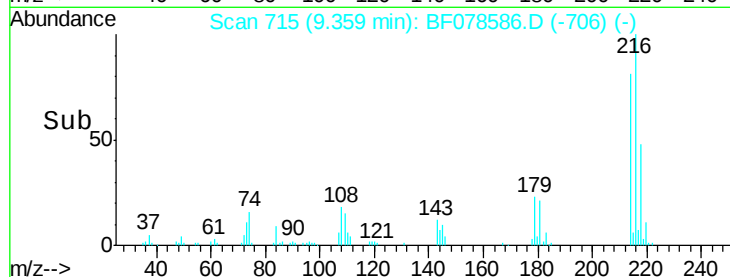


Abundance Ion 216.00 (215.70 to 216.70): E

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: 9.73 ng

RT: 9.35 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

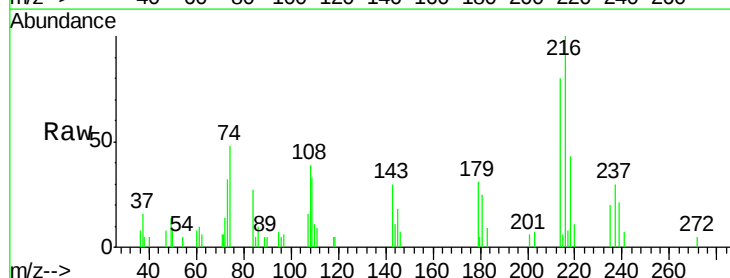
Tgt Ion:237 Resp: 1920

Ion Ratio Lower Upper

237 100

235 67.5 44.1 84.1

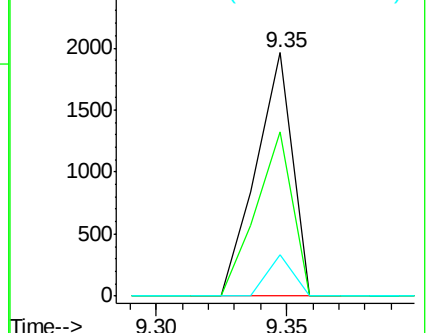
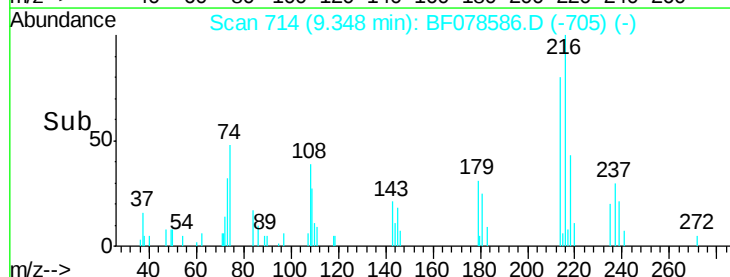
272 17.1 0.0 34.4

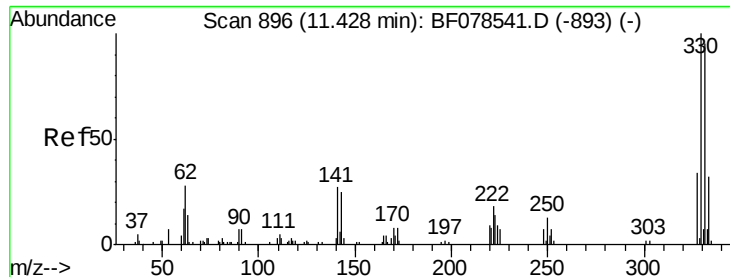


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

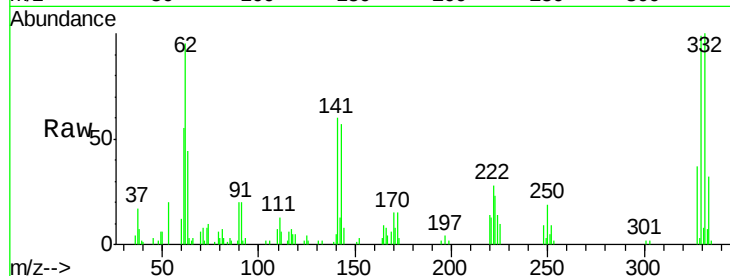




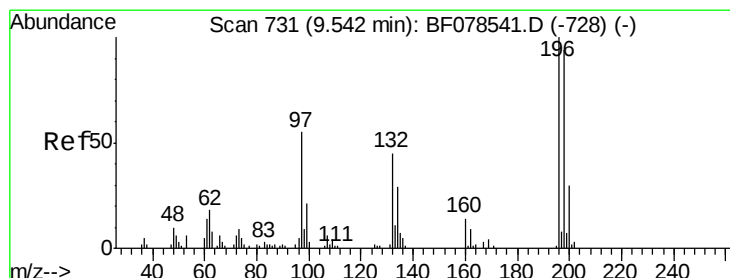
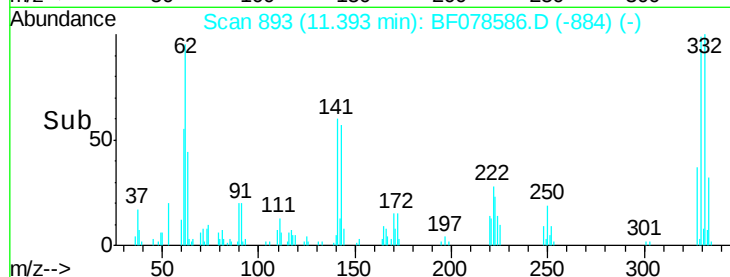
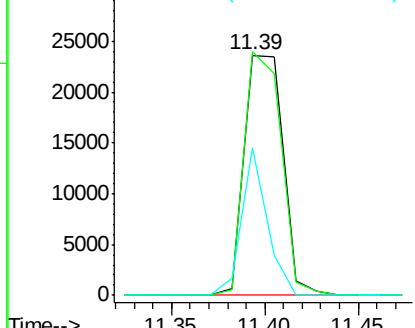
#41
 2,4,6-Tribromophenol
 Concen: 90.57 ng
 RT: 11.39 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 33902
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.6 117.8
 141 40.6 31.2 46.8

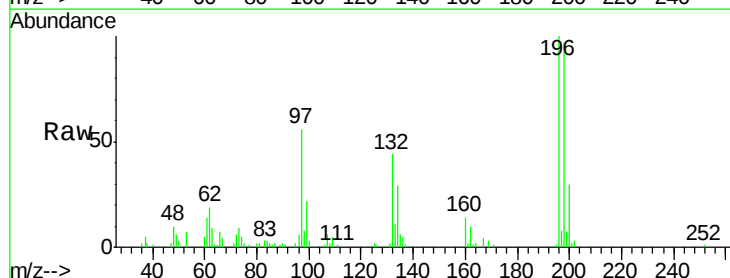


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

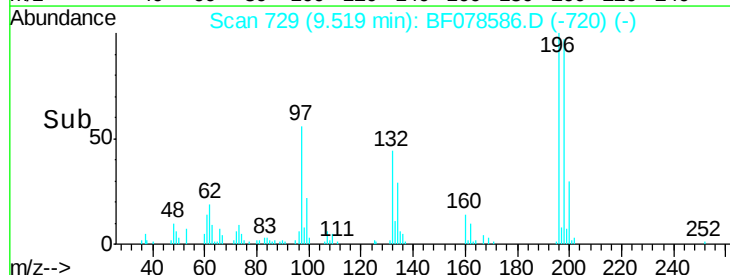
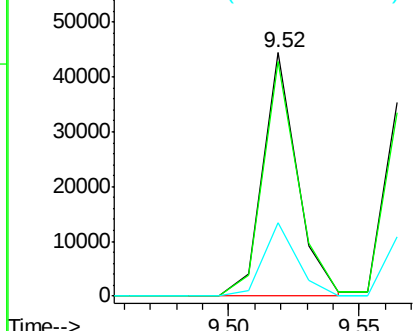


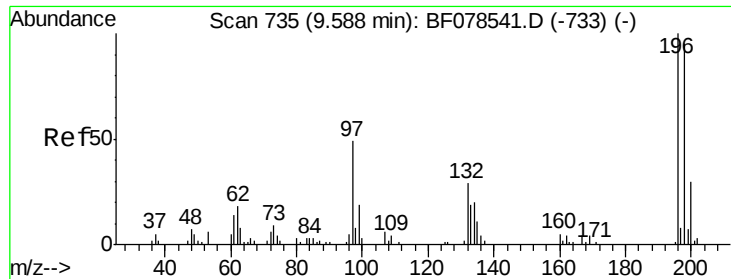
#42
 2,4,6-Trichlorophenol
 Concen: 45.46 ng
 RT: 9.52 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

Tgt Ion:196 Resp: 40090
 Ion Ratio Lower Upper
 196 100
 198 96.6 75.4 113.2
 200 30.2 24.0 36.0



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

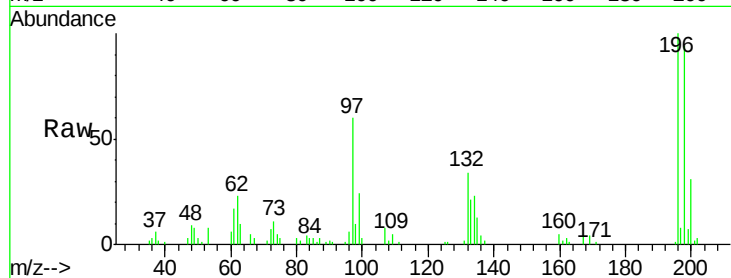




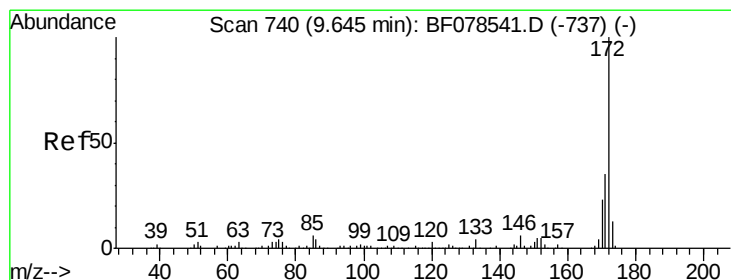
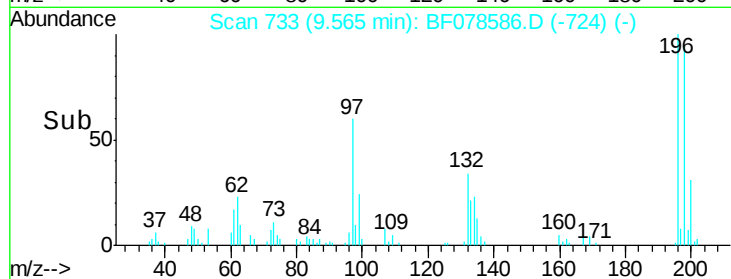
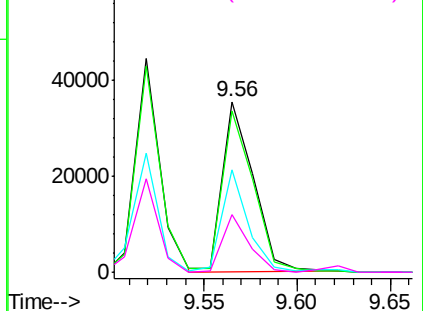
#43
 2,4,5-Trichlorophenol
 Concen: 44.18 ng
 RT: 9.56 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 40710
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.6 115.0
 97 60.5 50.6 75.8
 132 33.8 27.7 41.5

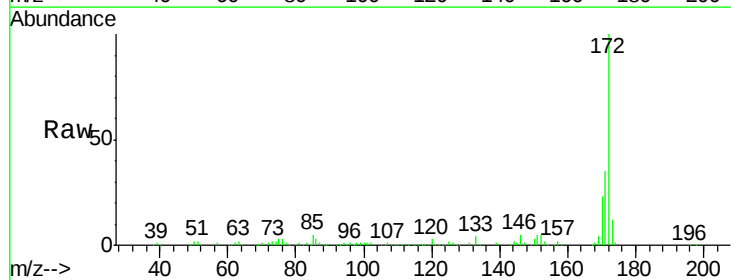


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

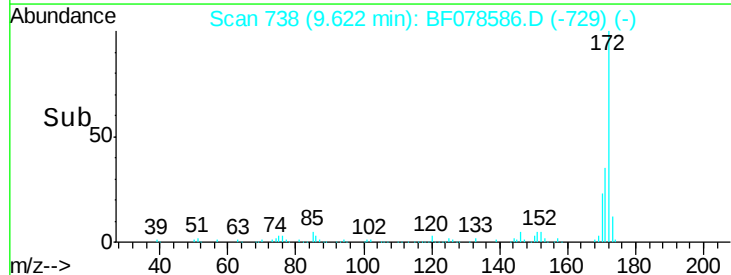
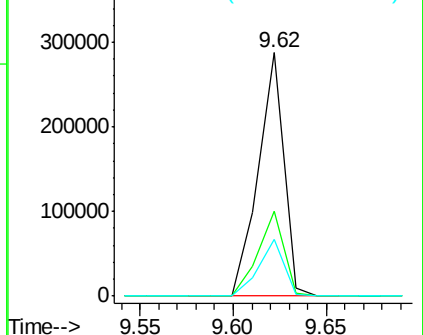


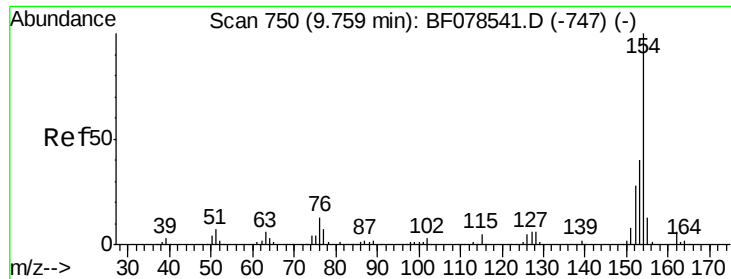
#44
 2-Fluorobiphenyl
 Concen: 86.20 ng
 RT: 9.62 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

Tgt Ion:172 Resp: 272187
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 42.8
 170 23.3 18.5 27.7



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

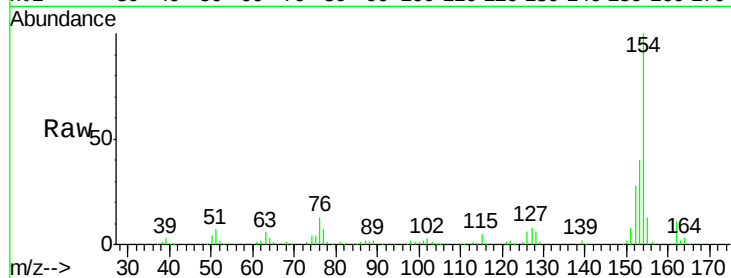




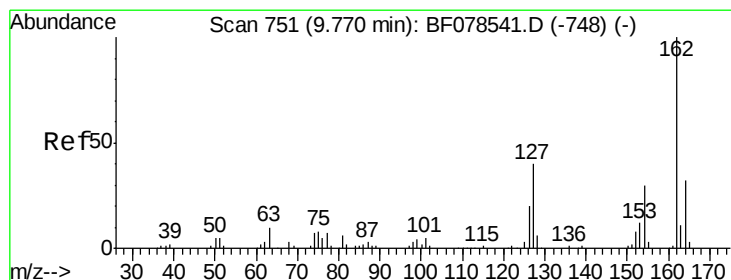
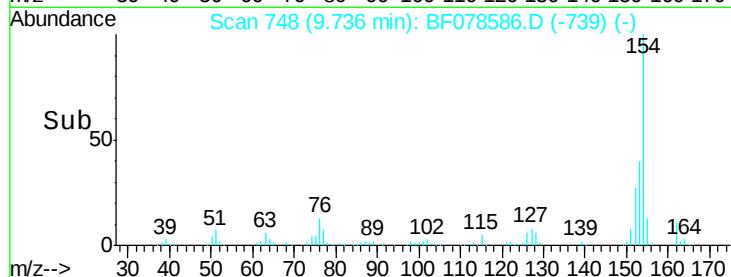
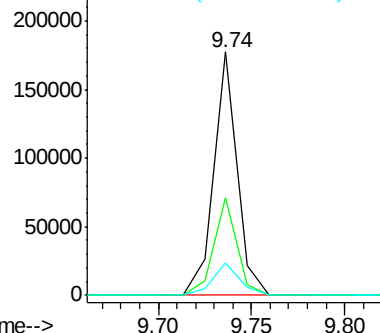
#45
 1,1'-Biphenyl
 Concen: 41.92 ng
 RT: 9.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 154742
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.0 60.0
 76 13.1 0.0 30.6

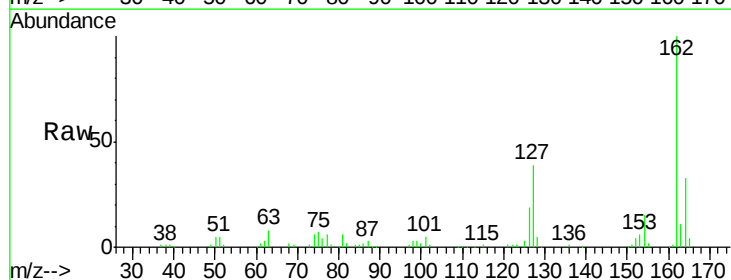


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

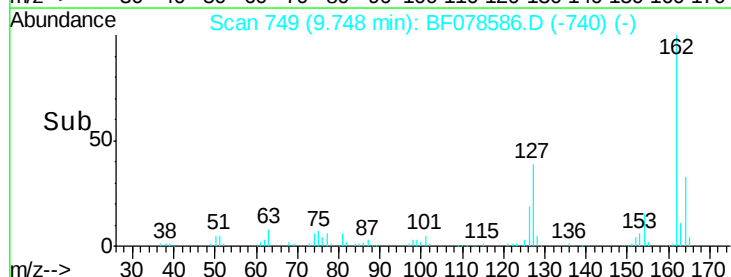
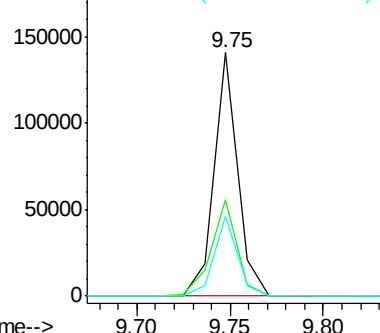


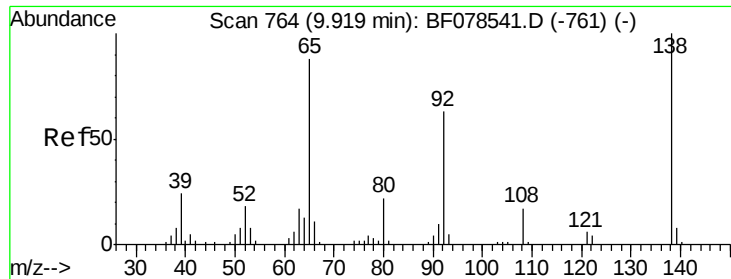
#46
 2-Chloronaphthalene
 Concen: 42.72 ng
 RT: 9.75 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

Tgt Ion:162 Resp: 124087
 Ion Ratio Lower Upper
 162 100
 127 39.4 32.6 49.0
 164 32.7 26.0 39.0



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

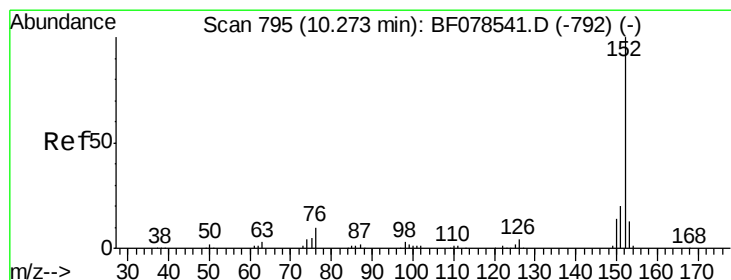
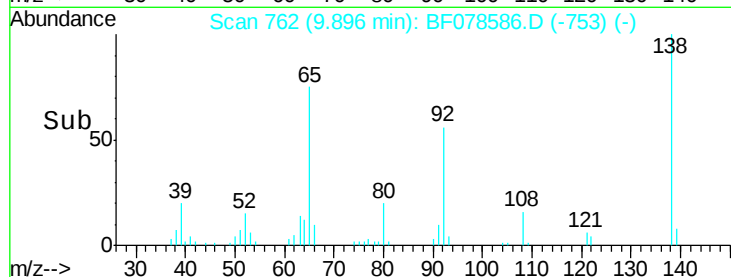
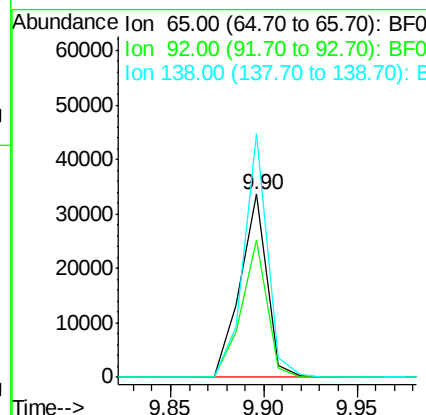
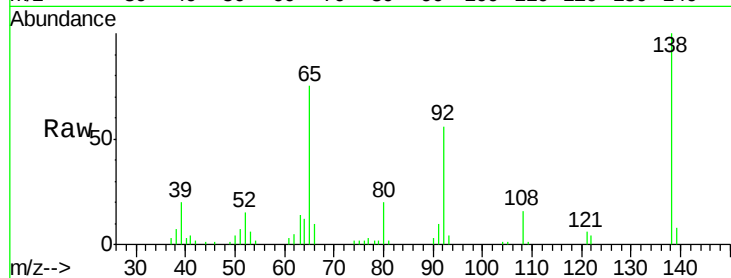




#47
 2-Nitroaniline
 Concen: 47.12 ng
 RT: 9.90 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

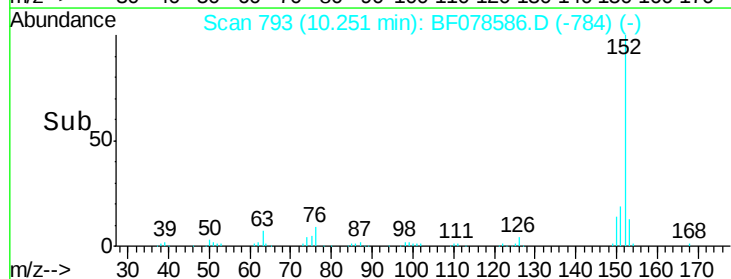
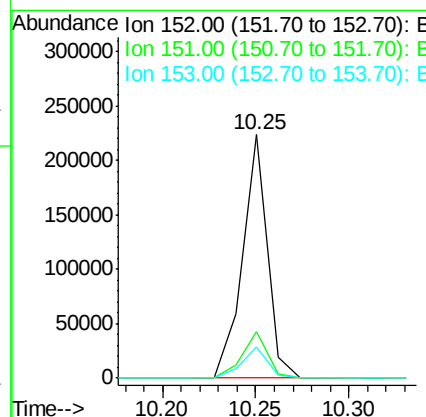
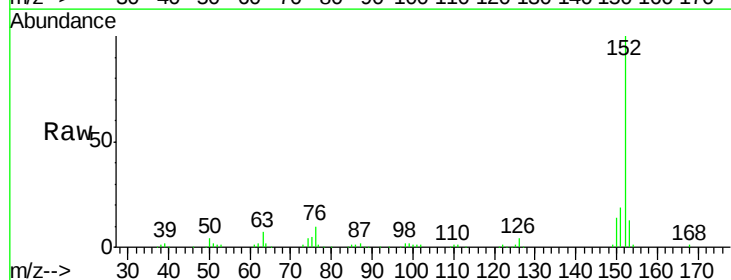
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

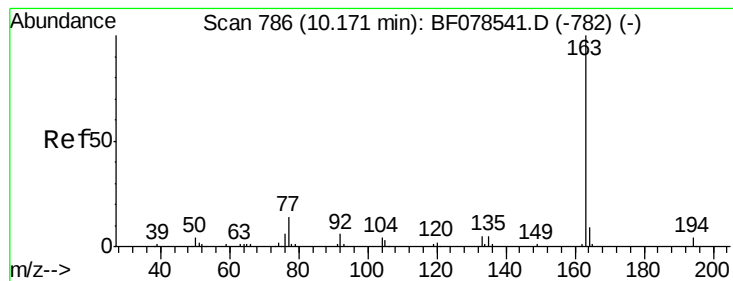
Tgt Ion: 65 Resp: 33867
 Ion Ratio Lower Upper
 65 100
 92 75.0 51.3 76.9
 138 132.8 70.4 105.6#



#48
 Acenaphthylene
 Concen: 44.37 ng
 RT: 10.25 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

Tgt Ion: 152 Resp: 208107
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.7 23.5
 153 12.6 10.2 15.2





#49

Dimethylphthalate

Concen: 42.94 ng

RT: 10.14 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

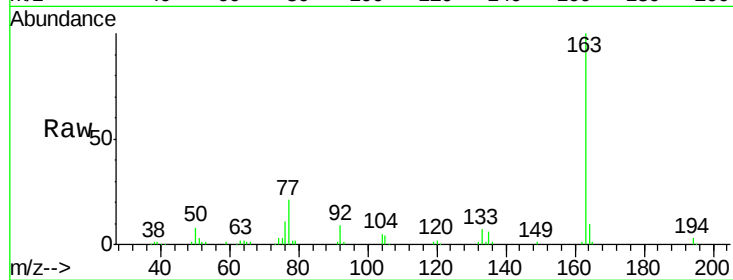
Tgt Ion:163 Resp: 145590

Ion Ratio Lower Upper

163 100

194 3.0 2.3 3.5

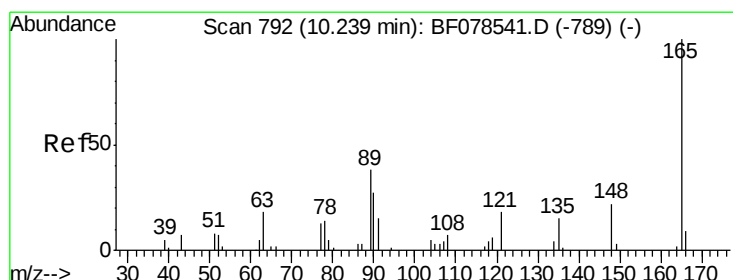
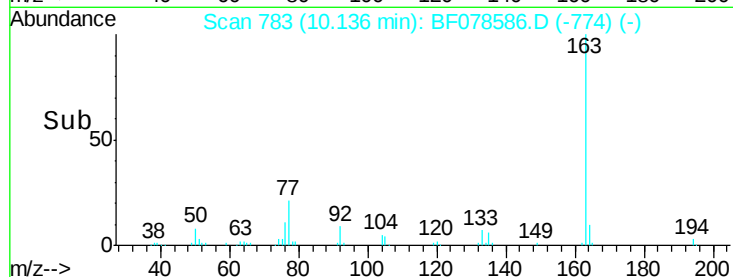
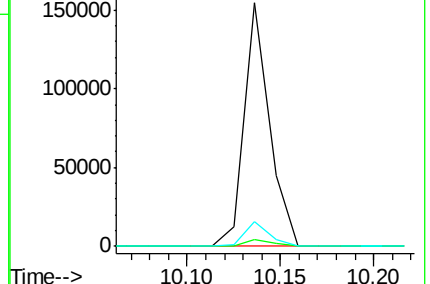
164 10.1 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.99 ng

RT: 10.20 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

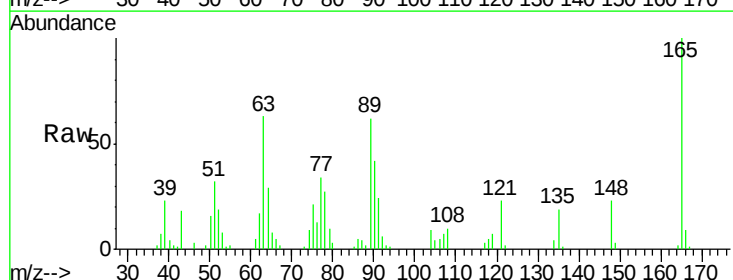
Tgt Ion:165 Resp: 26500

Ion Ratio Lower Upper

165 100

63 63.3 24.1 36.1#

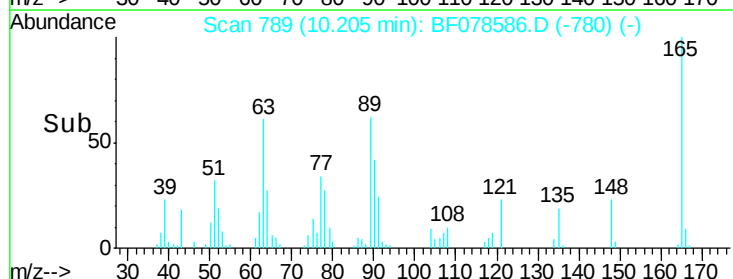
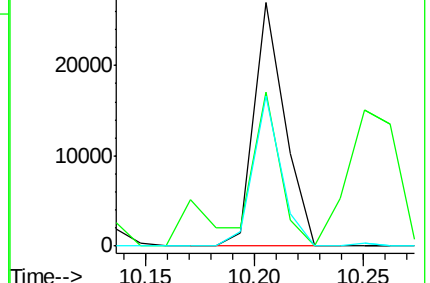
89 61.7 28.9 43.3#

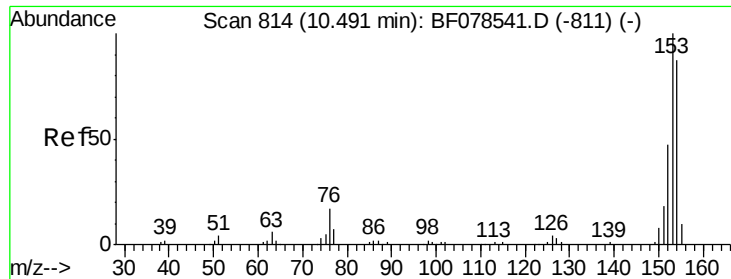


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

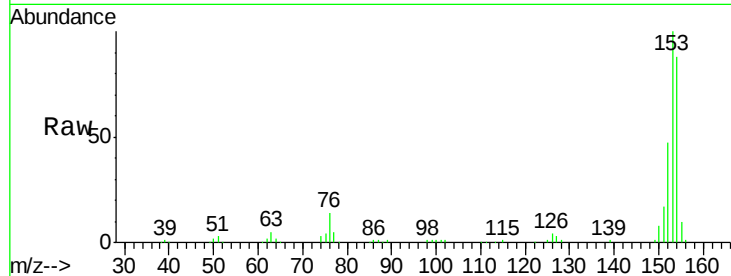




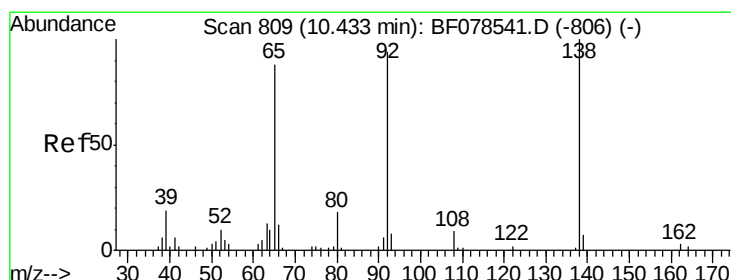
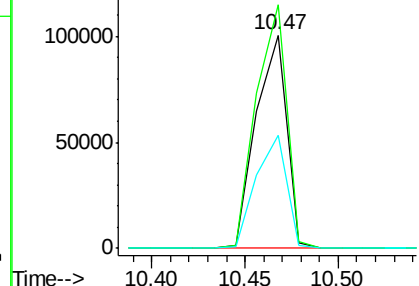
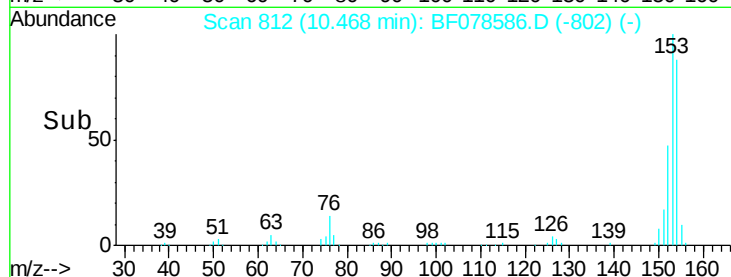
#51
Acenaphthene
Concen: 43.93 ng
RT: 10.47 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF078586.D
Acq: 17 Apr 2015 2:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:154 Resp: 116024
Ion Ratio Lower Upper
154 100
153 114.1 91.4 137.2
152 53.2 43.0 64.6

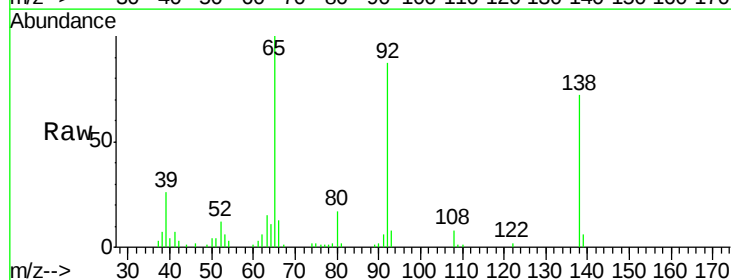


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

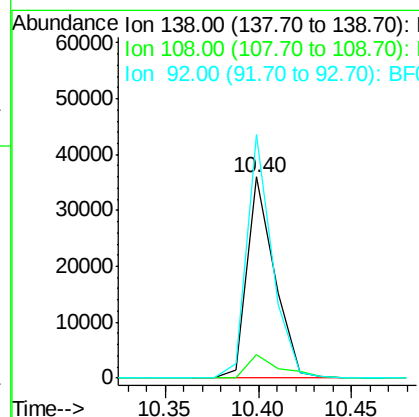
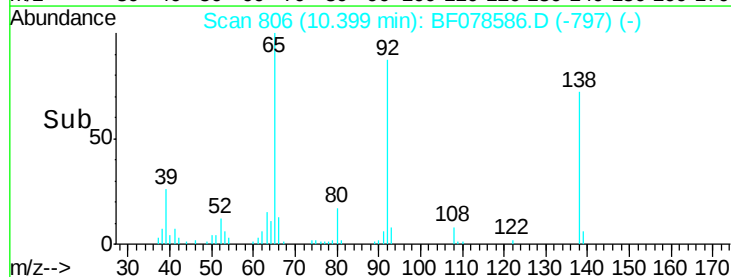


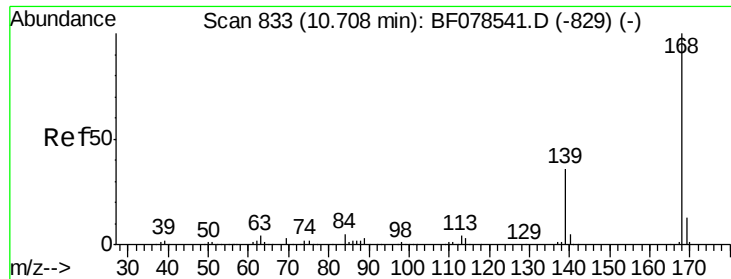
#52
3-Nitroaniline
Concen: 46.70 ng
RT: 10.40 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF078586.D
Acq: 17 Apr 2015 2:47

Tgt Ion:138 Resp: 37048
Ion Ratio Lower Upper
138 100
108 11.5 8.2 12.4
92 121.0 88.4 132.6



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

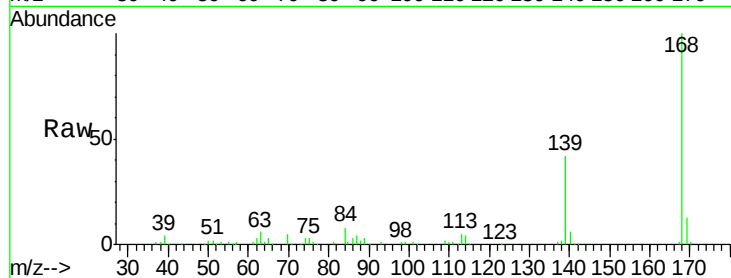




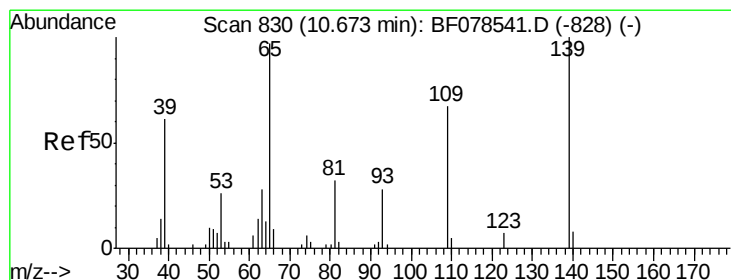
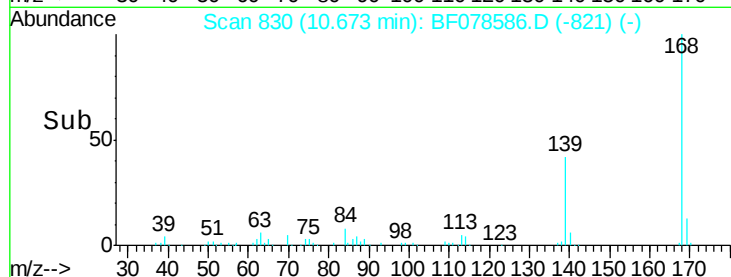
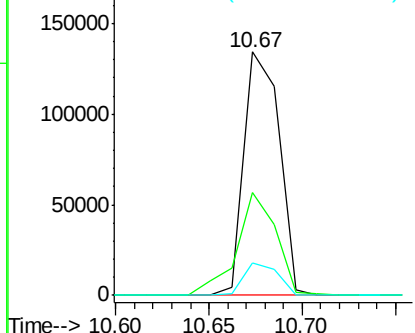
#54
Dibenzenofuran
Concen: 43.72 ng
RT: 10.67 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF078586.D
Acq: 17 Apr 2015 2:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 176347
Ion Ratio Lower Upper
168 100
139 42.4 31.0 46.4
169 13.3 10.7 16.1

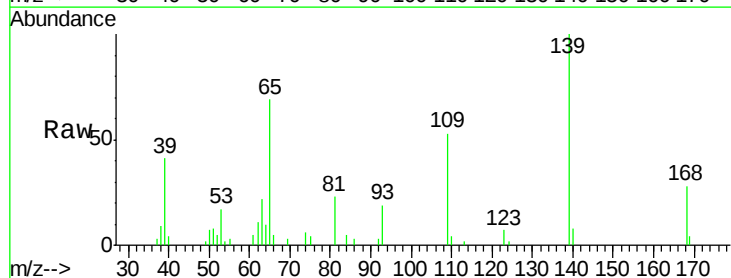


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

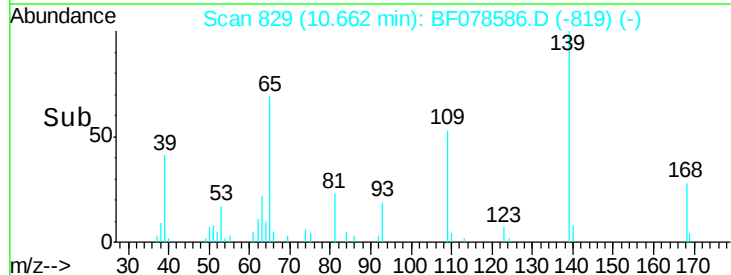
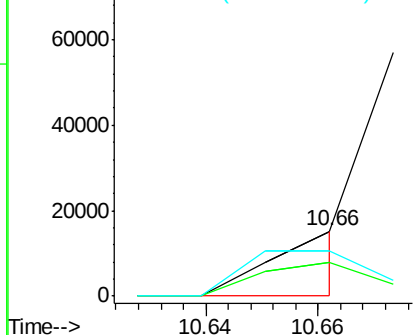


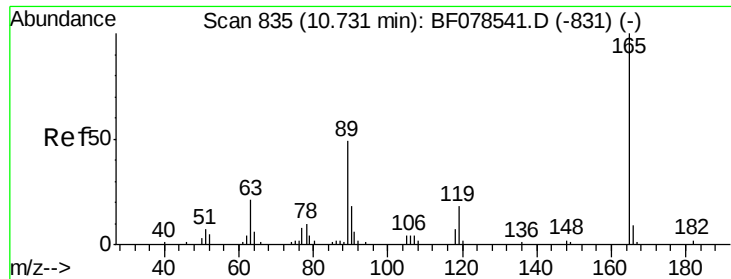
#55
4-Nitrophenol
Concen: 28.87 ng m
RT: 10.66 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF078586.D
Acq: 17 Apr 2015 2:47

Tgt Ion:139 Resp: 15796
Ion Ratio Lower Upper
139 100
109 52.8 36.7 76.7
65 69.1 49.9 89.9



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

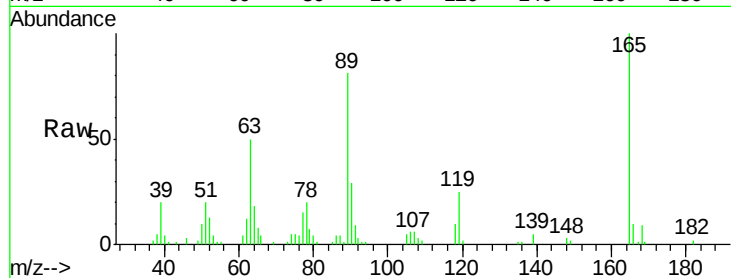




#56
2,4-Dinitrotoluene
Concen: 39.18 ng
RT: 10.70 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF078586.D
Acq: 17 Apr 2015 2:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.4	26.5	39.7#
89	81.5	46.4	69.6#
182	2.2	2.0	3.0



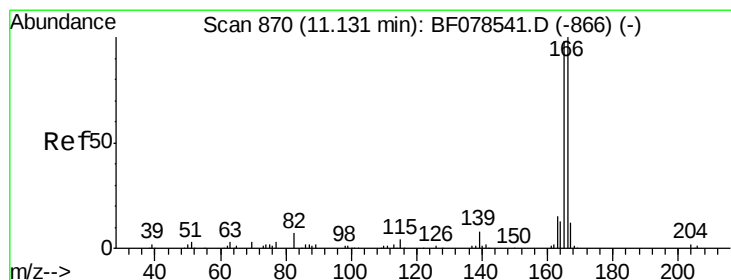
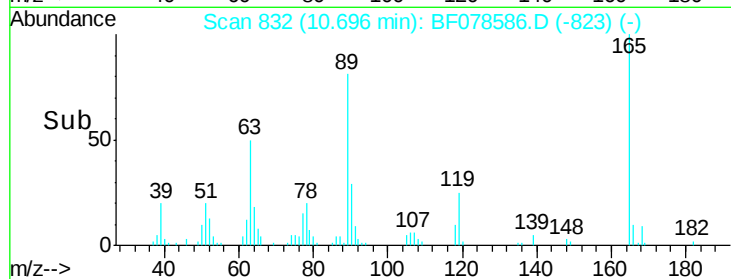
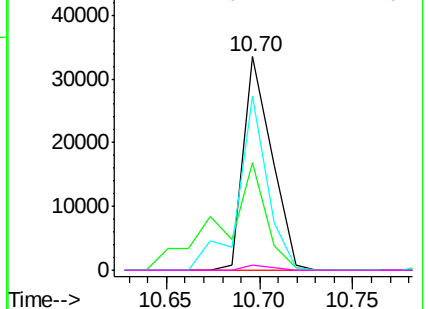
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

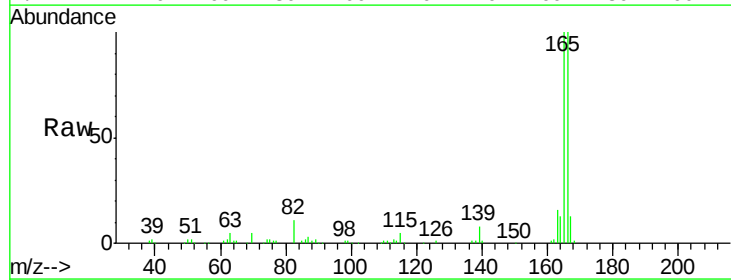
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 44.31 ng
RT: 11.10 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF078586.D
Acq: 17 Apr 2015 2:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.9	118.3
167	13.4	10.7	16.1

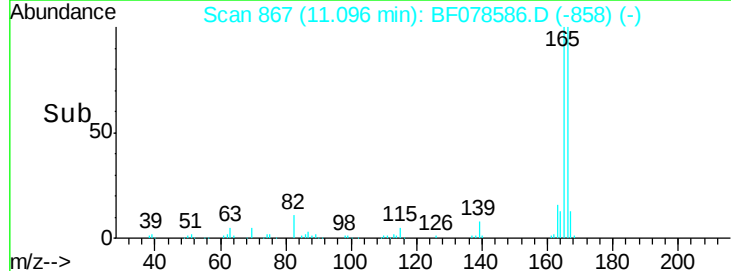
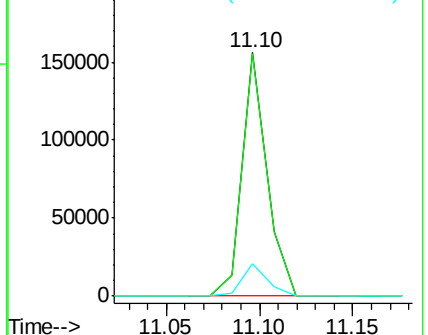


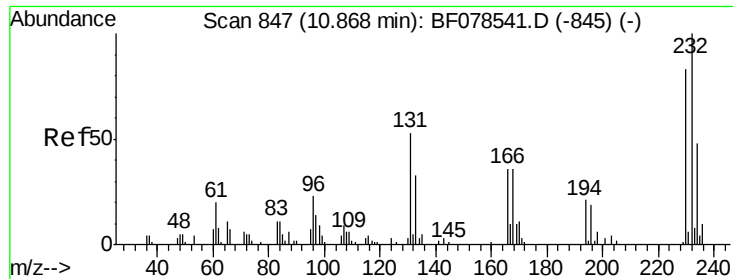
Abundance

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

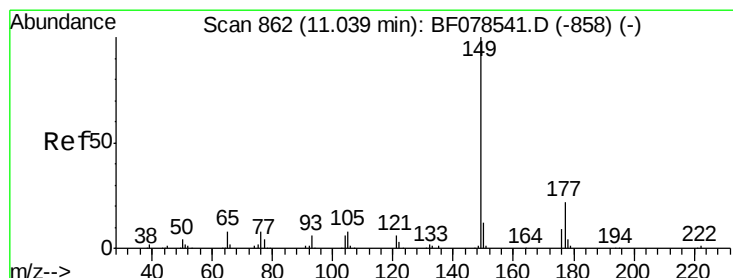
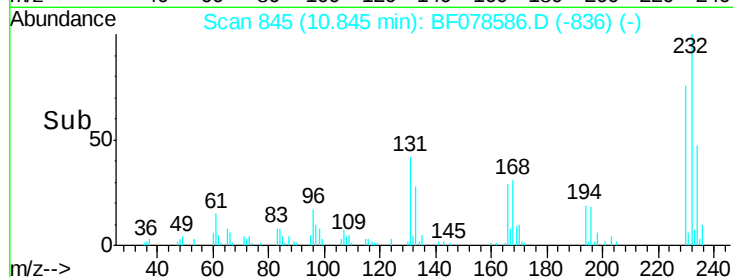
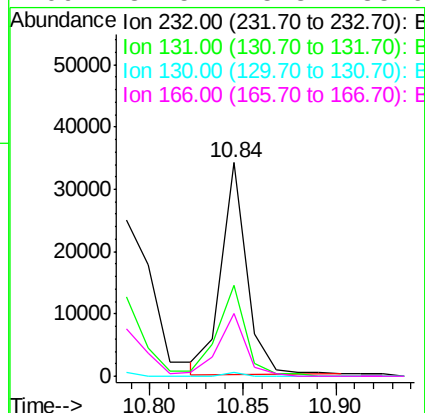
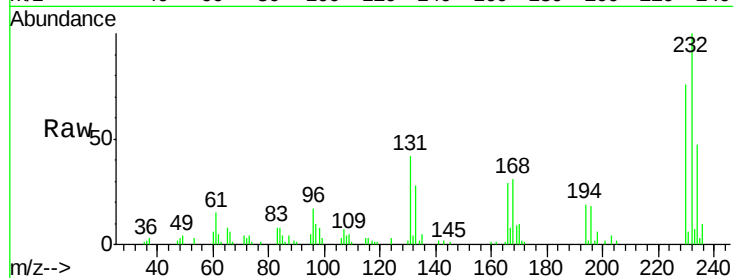




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.91 ng
 RT: 10.84 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

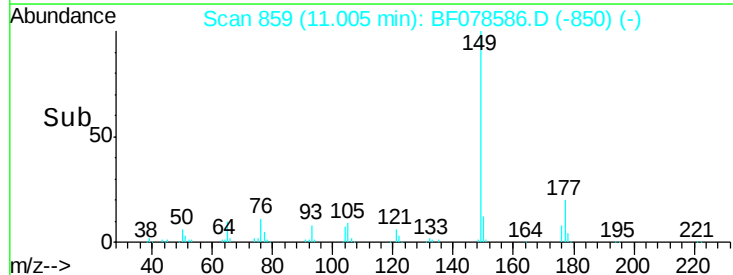
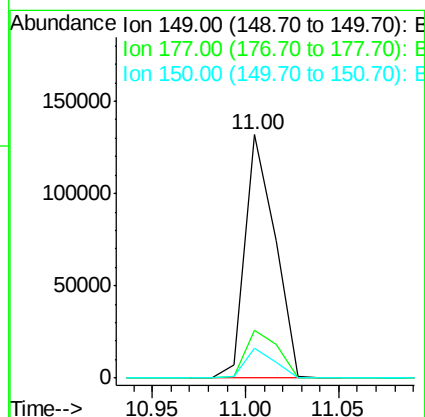
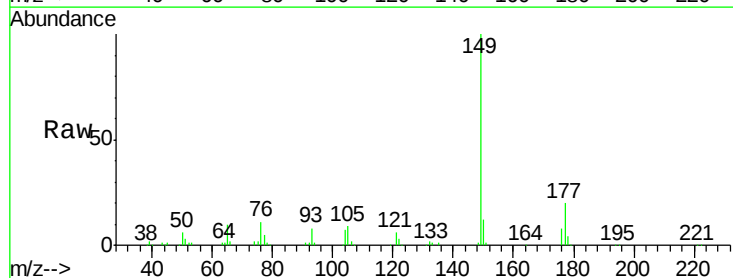
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

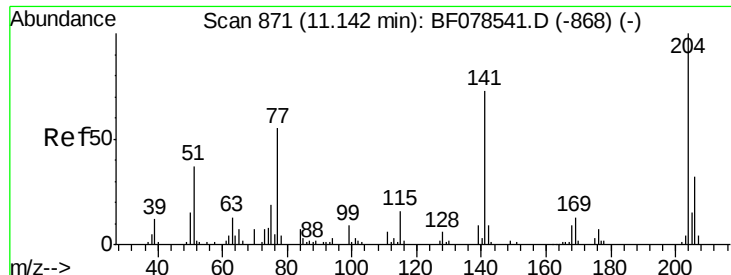
Tgt Ion: 232 Resp: 32724
 Ion Ratio Lower Upper
 232 100
 131 49.0 37.8 56.8
 130 1.5 1.5 2.3#
 166 32.5 25.8 38.6



#59
 Diethylphthalate
 Concen: 45.04 ng
 RT: 11.00 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

Tgt Ion: 149 Resp: 147271
 Ion Ratio Lower Upper
 149 100
 177 19.5 17.4 26.2
 150 12.1 9.4 14.2

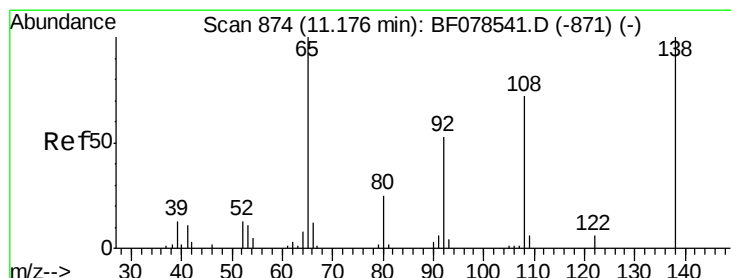
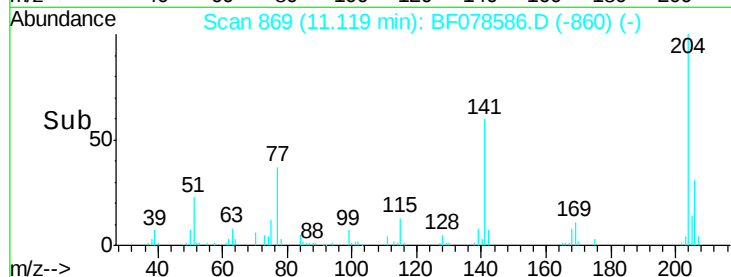
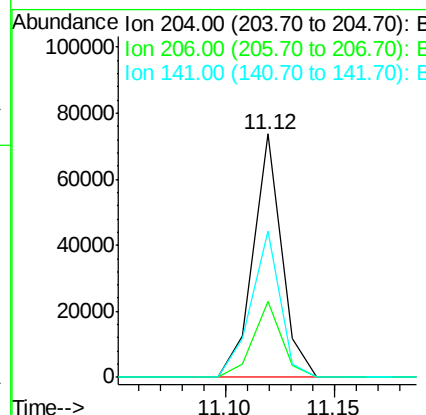
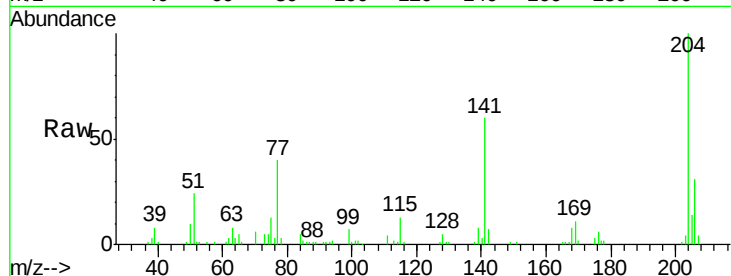




#60
 4-Chlorophenyl-phenylether
 Concen: 44.57 ng
 RT: 11.12 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

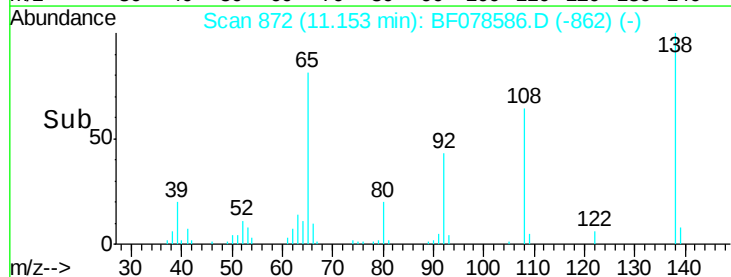
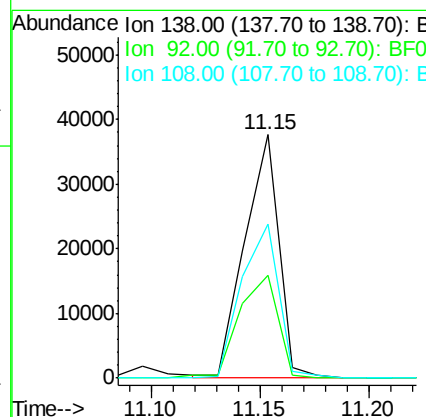
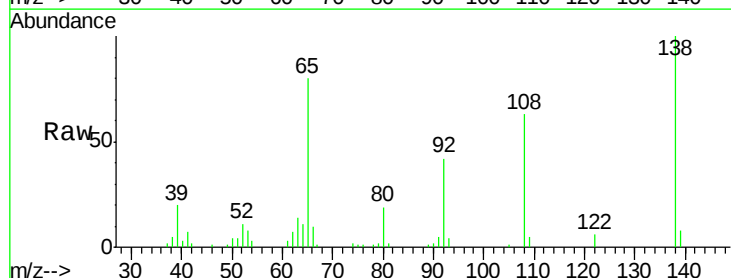
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

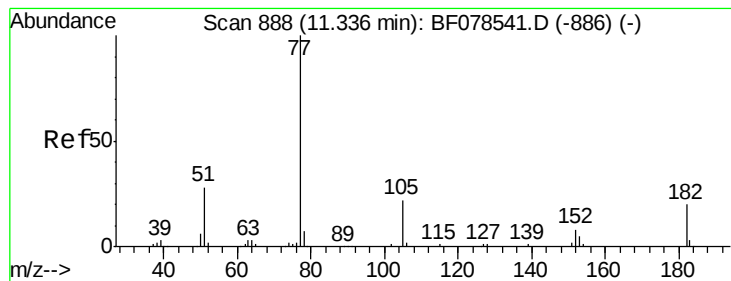
Tgt Ion: 204 Resp: 67030
 Ion Ratio Lower Upper
 204 100
 206 31.3 25.6 38.4
 141 59.9 35.4 53.0#



#61
 4-Nitroaniline
 Concen: 51.31 ng
 RT: 11.15 min Scan# 872
 Delta R.T. 0.01 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

Tgt Ion: 138 Resp: 41144
 Ion Ratio Lower Upper
 138 100
 92 42.3 27.3 67.3
 108 63.4 47.2 87.2





#62

Azobenzene

Concen: 49.62 ng

RT: 11.31 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 148074

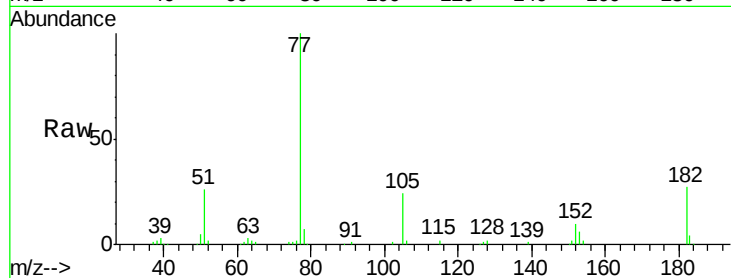
Ion Ratio Lower Upper

77 100

182 26.9 0.0 36.8

105 24.0 0.3 40.3

51 25.9 9.1 49.1

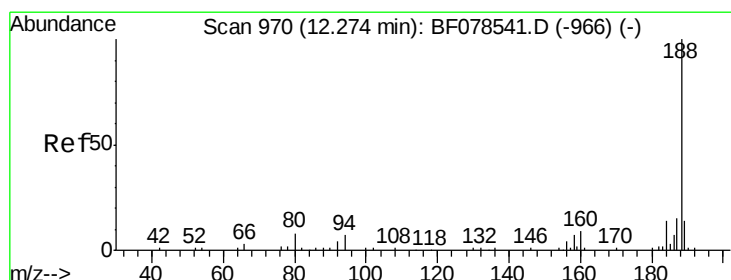
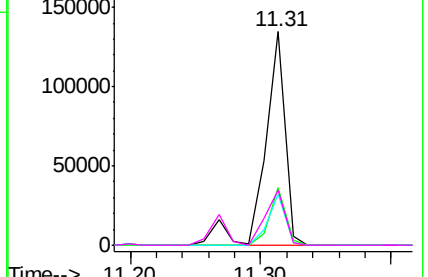
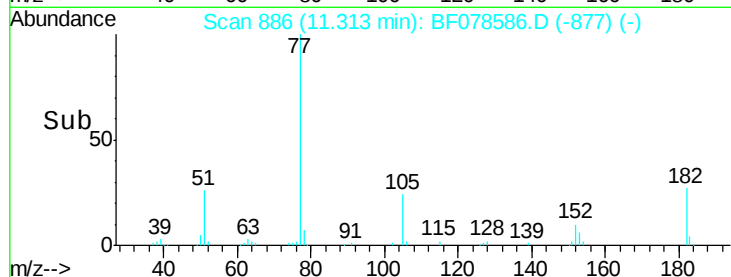


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.24 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

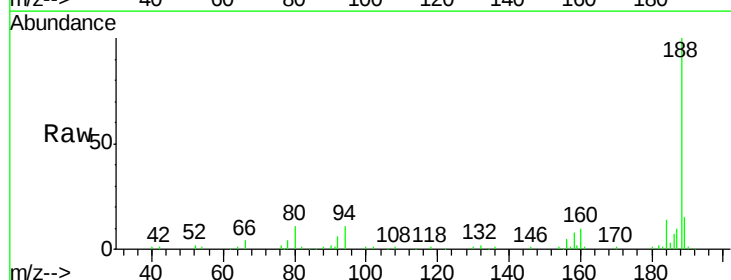
Tgt Ion: 188 Resp: 92672

Ion Ratio Lower Upper

188 100

94 11.1 9.0 13.4

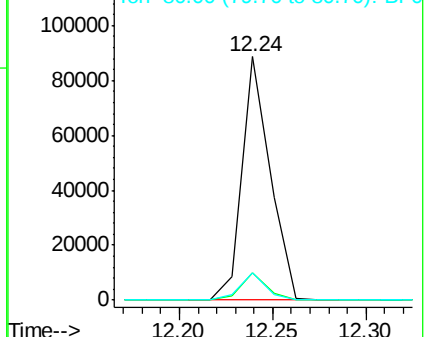
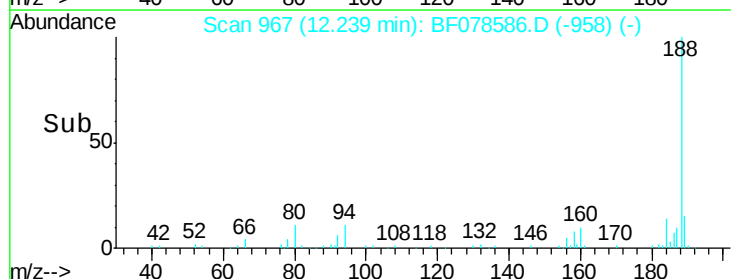
80 11.3 9.5 14.3

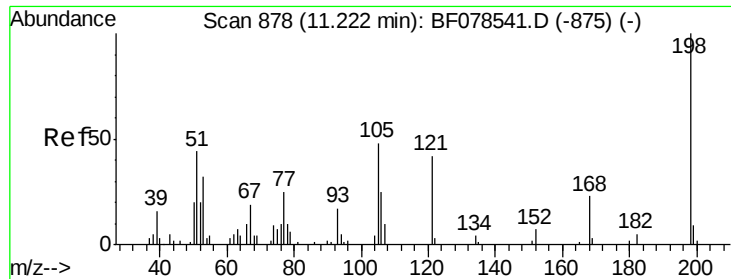


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 10.65 ng

RT: 11.20 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

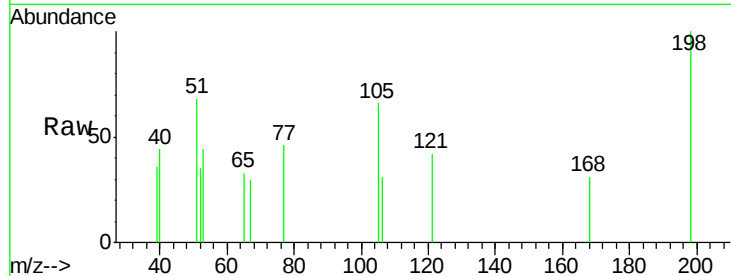
Tgt Ion:198 Resp: 1171

Ion Ratio Lower Upper

198 100

51 67.7 48.6 88.6

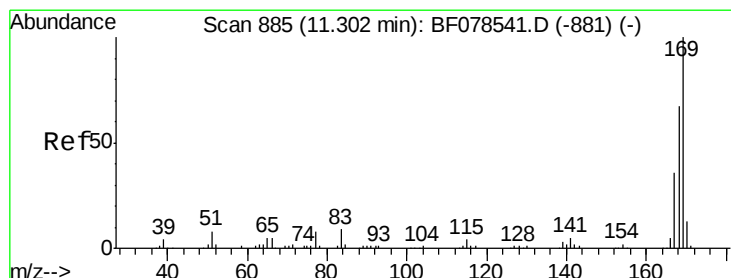
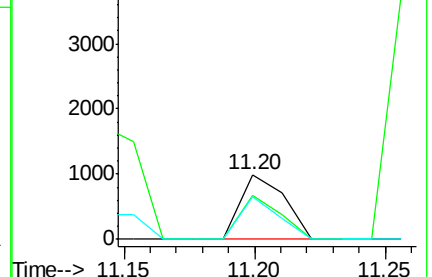
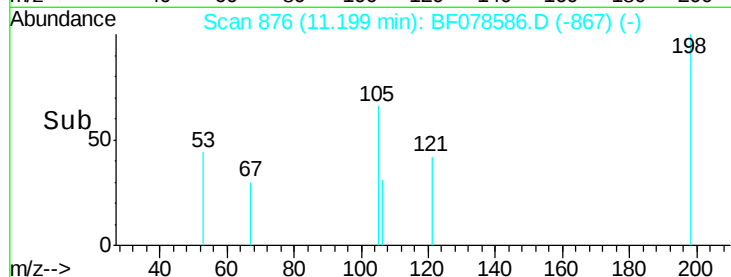
105 65.8 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 40.18 ng

RT: 11.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

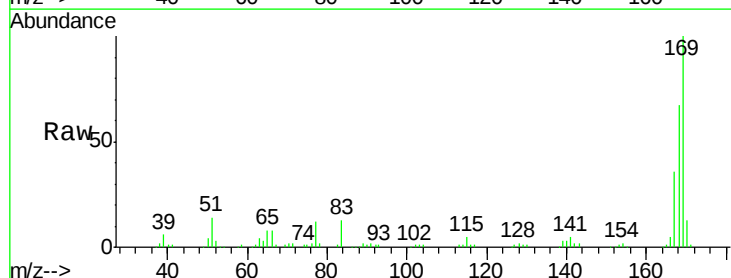
Tgt Ion:169 Resp: 128812

Ion Ratio Lower Upper

169 100

168 67.1 55.0 82.4

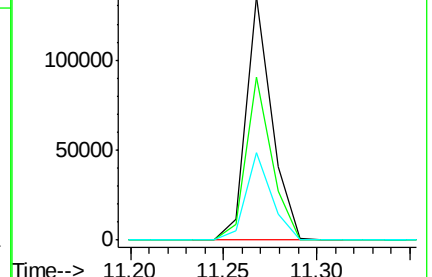
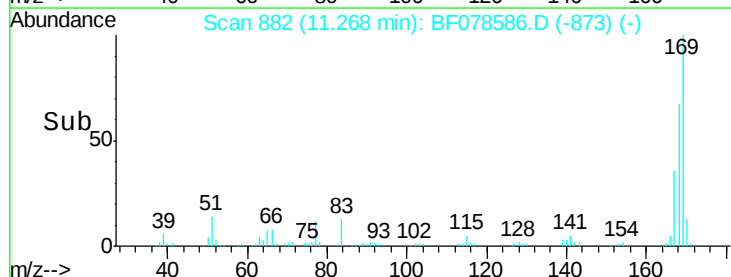
167 36.2 29.3 43.9

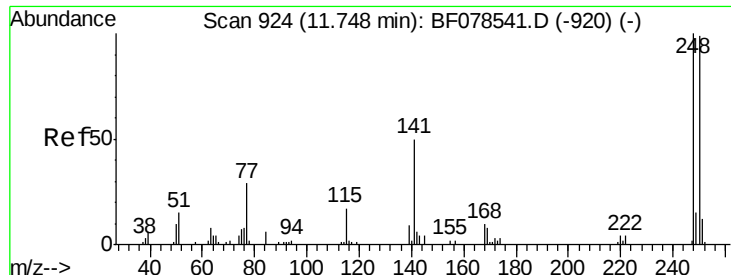


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

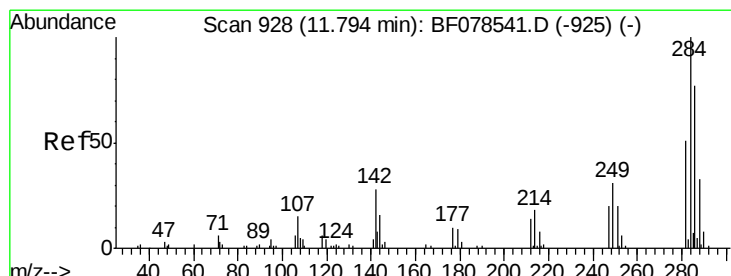
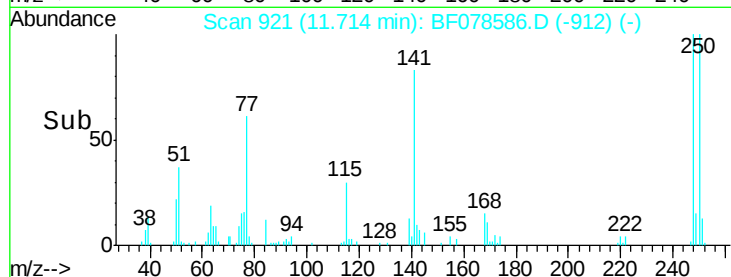
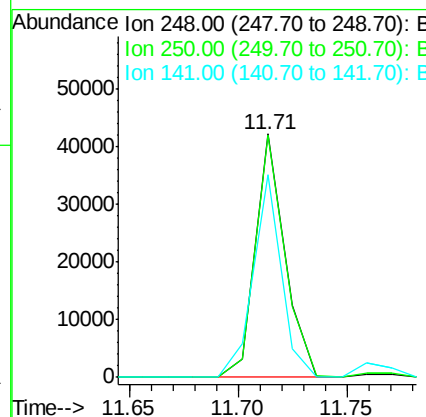
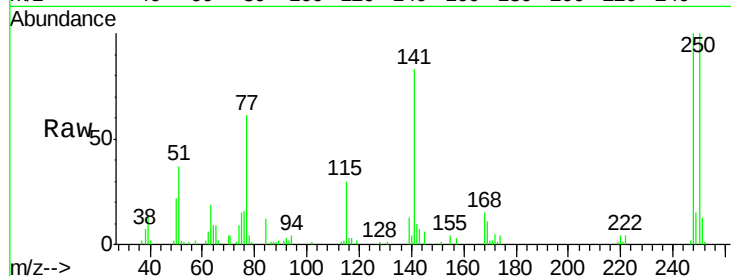




#66
4-Bromophenyl-phenylether
Concen: 40.42 ng
RT: 11.71 min Scan# 921
Delta R.T. -0.00 min
Lab File: BF078586.D
Acq: 17 Apr 2015 2:47

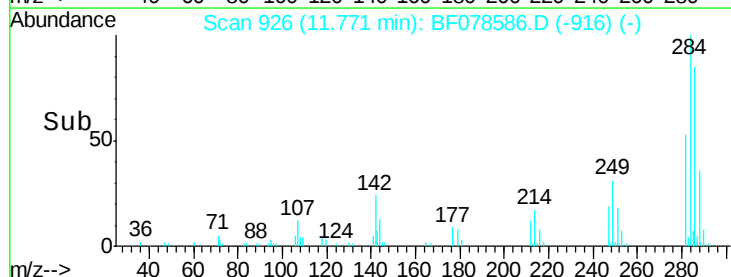
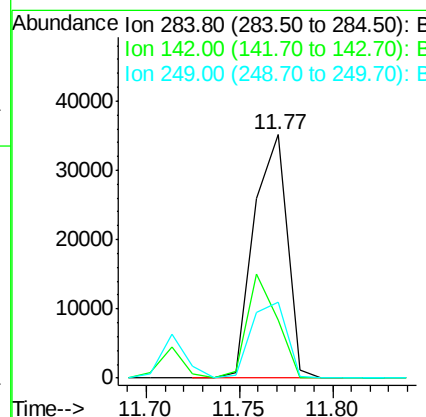
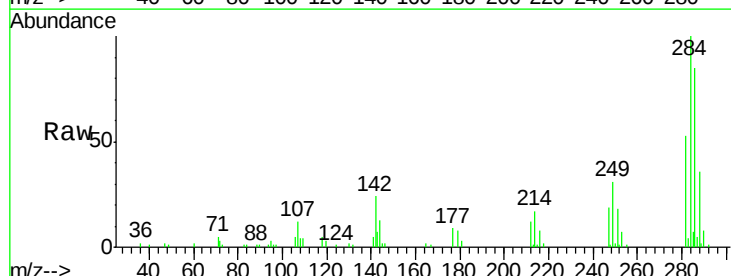
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

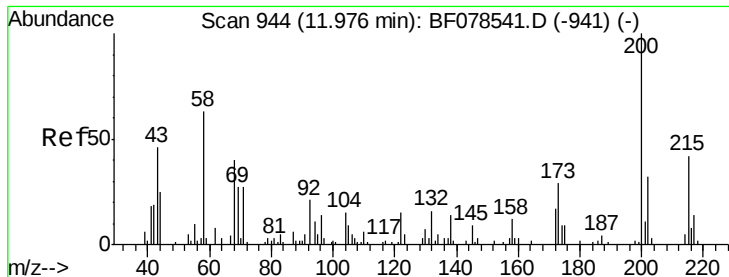
Tgt Ion:248 Resp: 39670
Ion Ratio Lower Upper
248 100
250 99.8 78.2 117.2
141 83.3 66.4 99.6



#67
Hexachlorobenzene
Concen: 40.12 ng
RT: 11.77 min Scan# 926
Delta R.T. 0.01 min
Lab File: BF078586.D
Acq: 17 Apr 2015 2:47

Tgt Ion:284 Resp: 43149
Ion Ratio Lower Upper
284 100
142 24.0 24.5 36.7#
249 31.2 24.8 37.2





#68

Atrazine

Concen: 42.06 ng

RT: 11.95 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

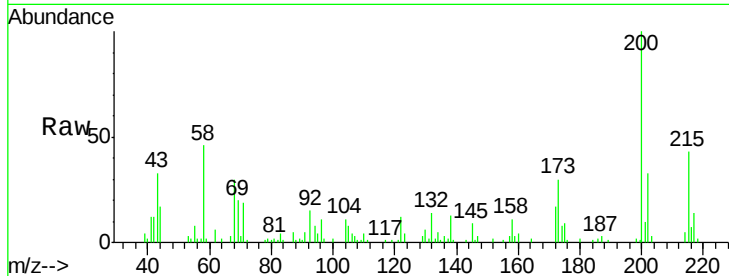
Tgt Ion:200 Resp: 39047

Ion Ratio Lower Upper

200 100

173 29.8 6.9 46.9

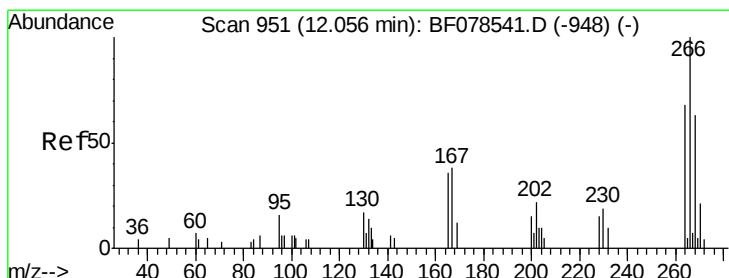
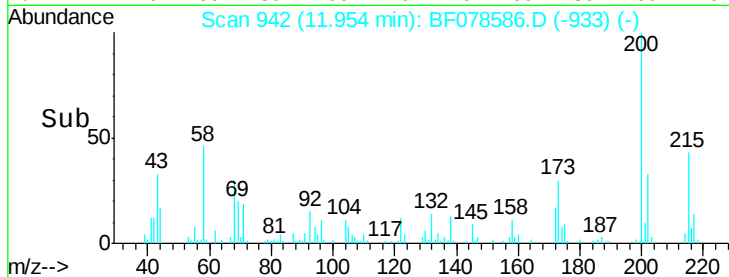
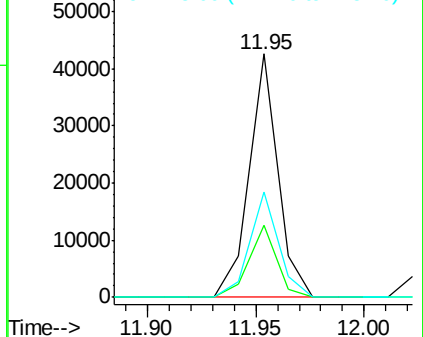
215 43.4 27.1 67.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 53.28 ng

RT: 12.02 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

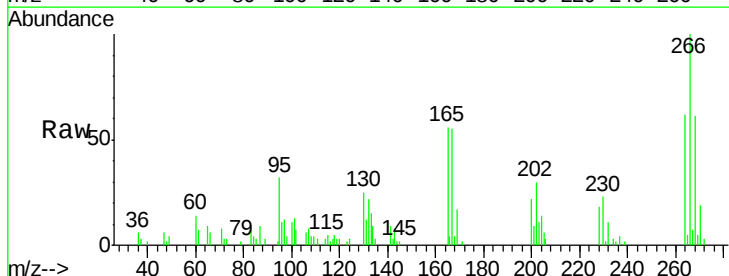
Tgt Ion:266 Resp: 24042

Ion Ratio Lower Upper

266 100

268 60.7 50.1 75.1

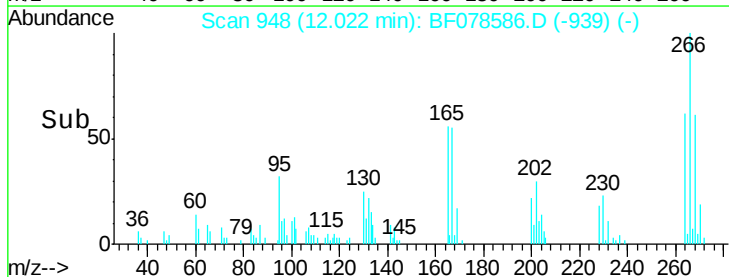
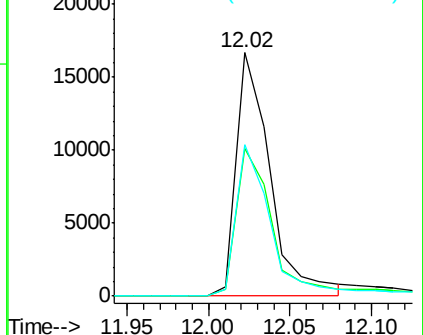
264 62.0 50.0 75.0

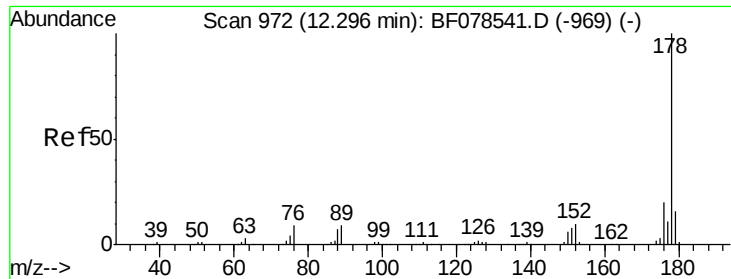


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

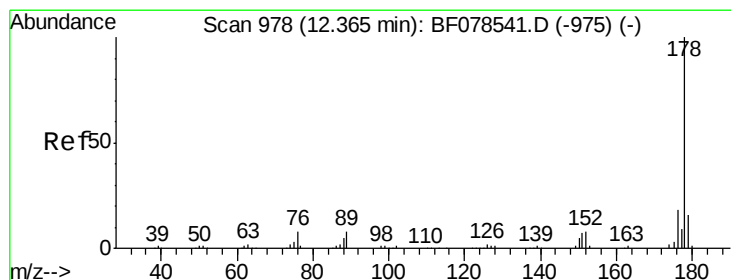
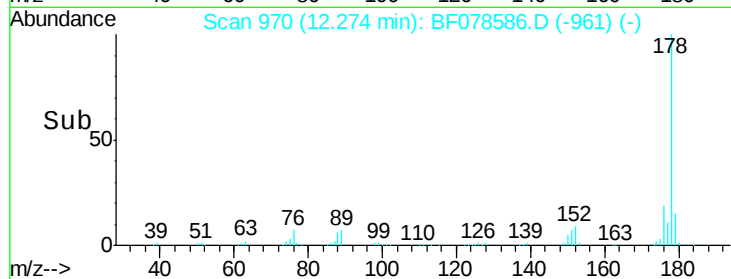
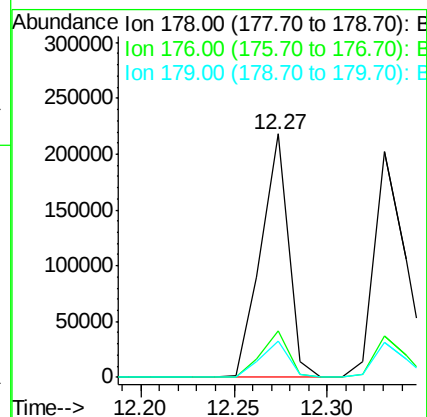
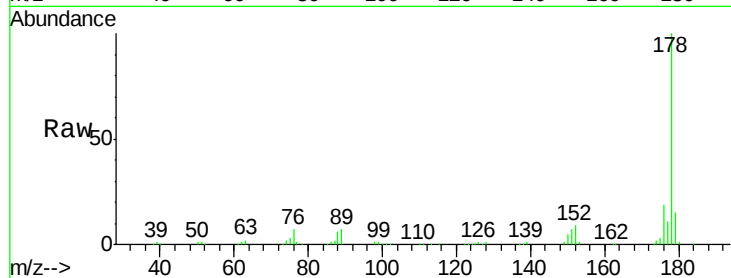




#70
 Phenanthrene
 Concen: 41.47 ng
 RT: 12.27 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

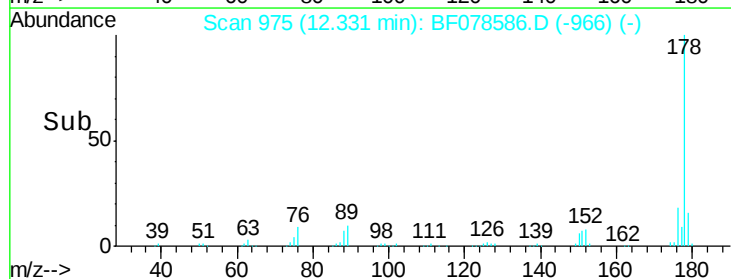
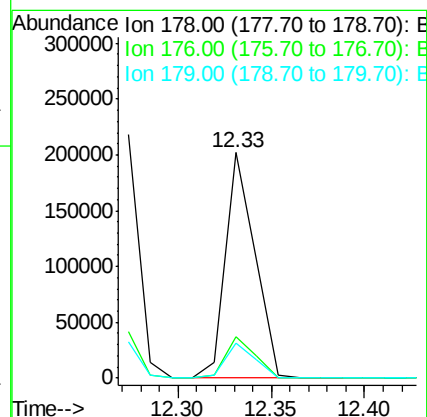
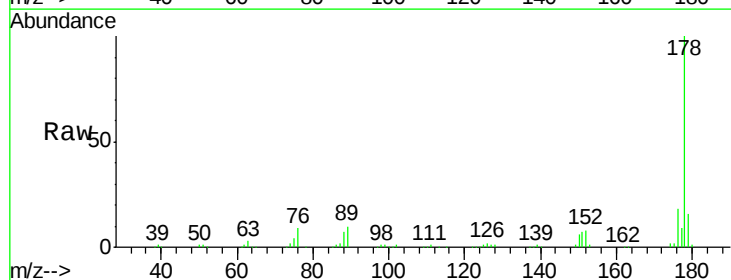
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

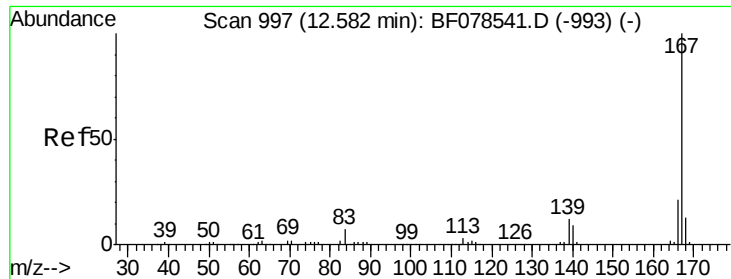
Tgt Ion:178 Resp: 222321
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.0
 179 14.9 12.2 18.2



#71
 Anthracene
 Concen: 42.22 ng
 RT: 12.33 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

Tgt Ion:178 Resp: 223033
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.8 22.2
 179 15.6 12.4 18.6

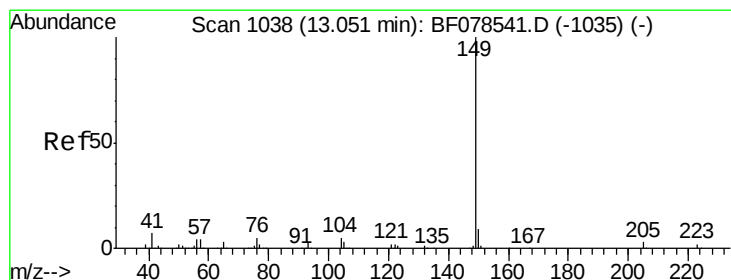
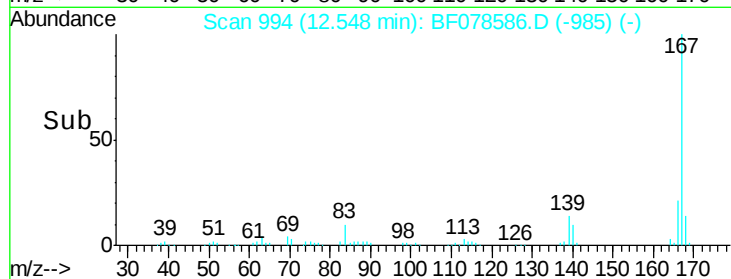
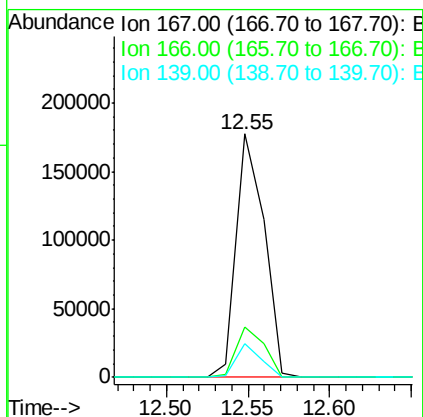
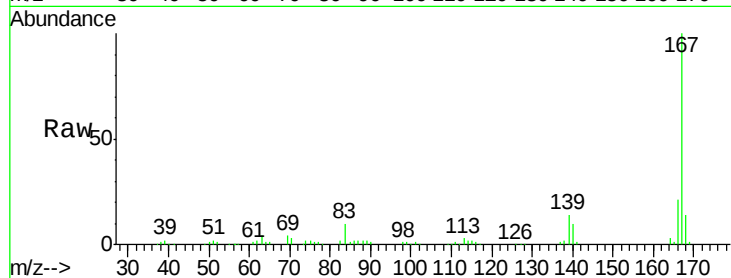




#72
 Carbazole
 Concen: 42.39 ng
 RT: 12.55 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

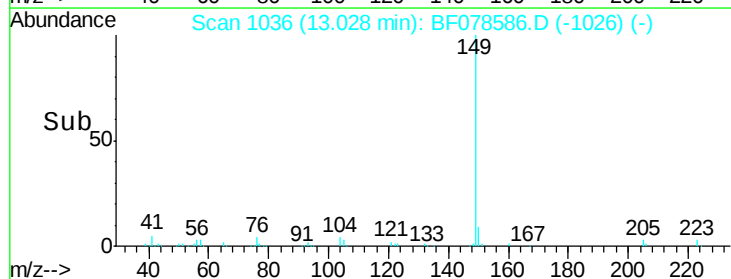
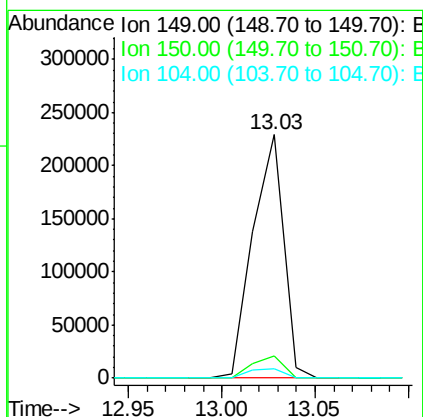
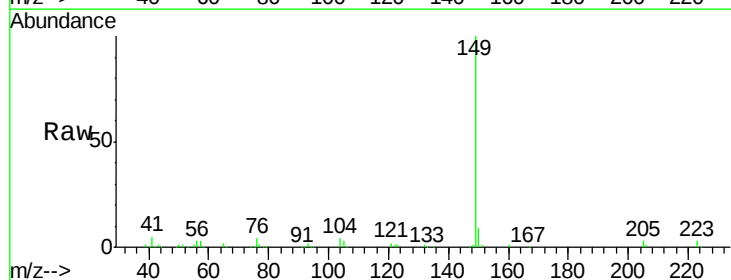
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

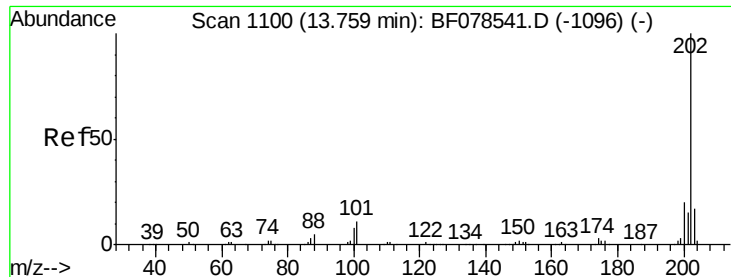
Tgt Ion:167 Resp: 209842
 Ion Ratio Lower Upper
 167 100
 166 20.9 16.8 25.2
 139 13.8 10.0 15.0



#73
 Di-n-butylphthalate
 Concen: 46.57 ng
 RT: 13.03 min Scan# 1036
 Delta R.T. 0.01 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

Tgt Ion:149 Resp: 261144
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.1 10.7
 104 4.0 3.8 5.6





#74

Fluoranthene

Concen: 45.82 ng

RT: 13.73 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

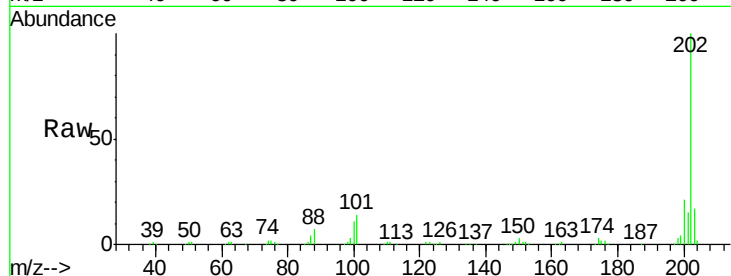
Tgt Ion: 202 Resp: 259010

Ion Ratio Lower Upper

202 100

101 14.4 0.0 35.2

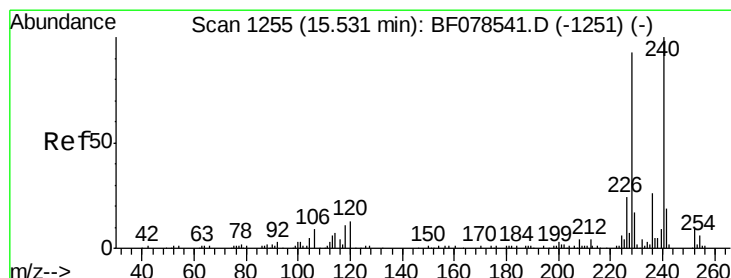
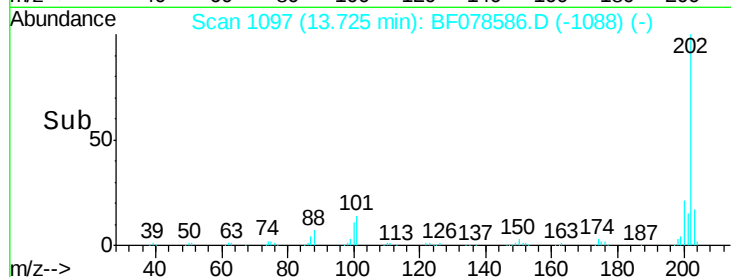
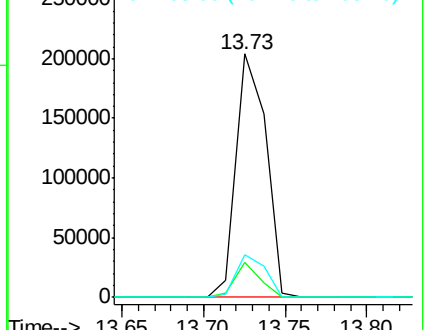
203 17.5 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 1252

Delta R.T. 0.01 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

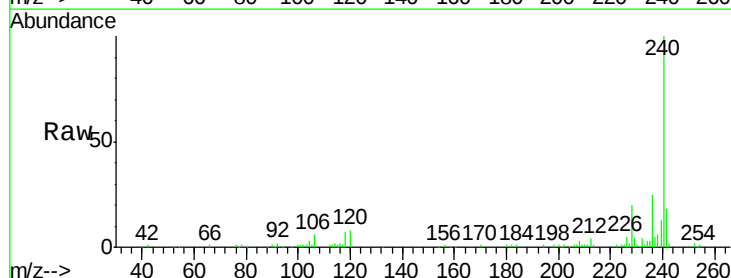
Tgt Ion: 240 Resp: 106849

Ion Ratio Lower Upper

240 100

120 8.2 7.1 10.7

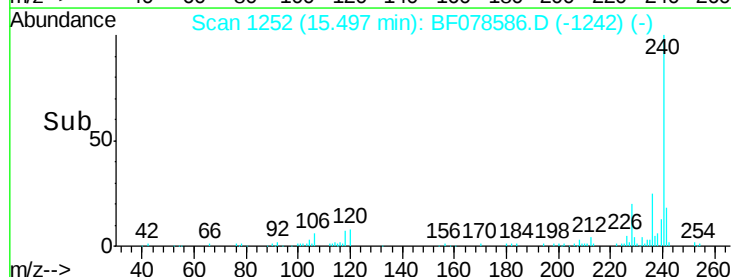
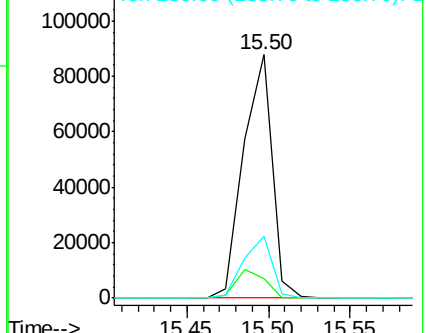
236 25.2 21.4 32.2

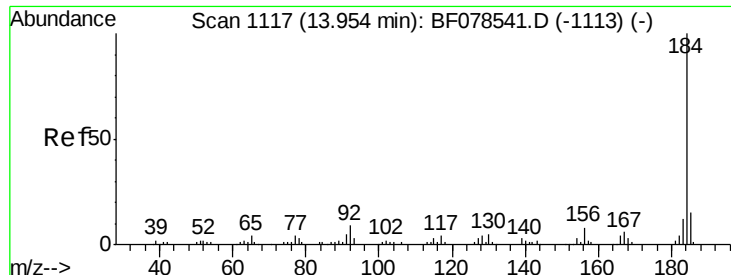


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

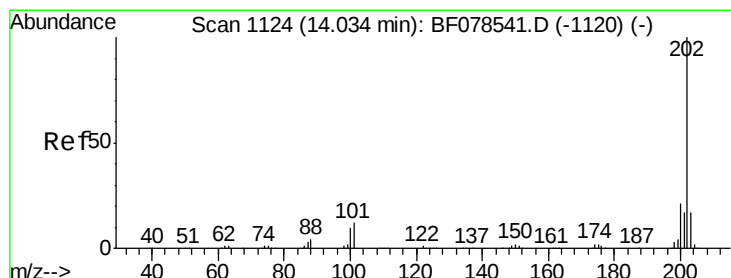
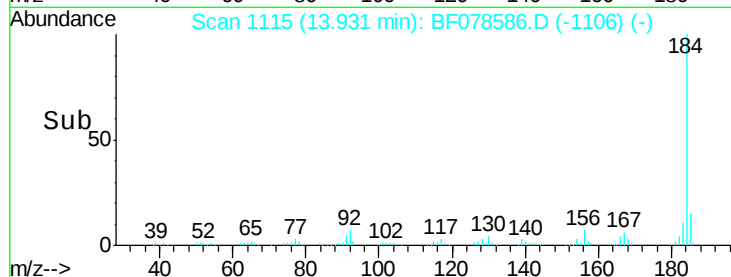
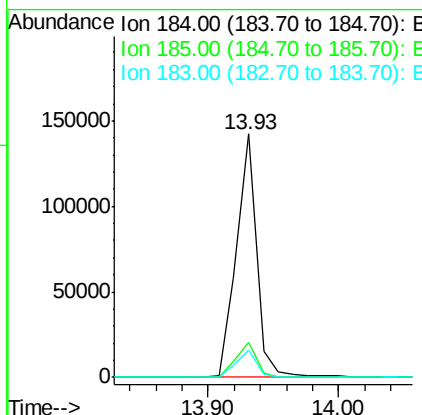
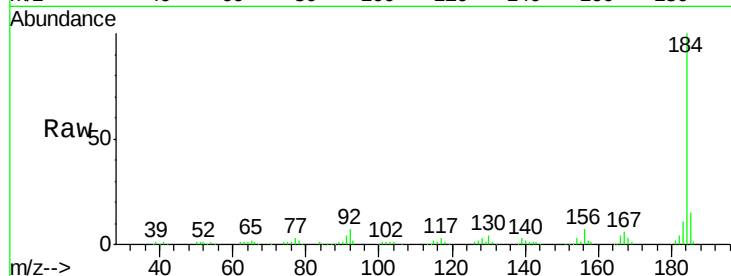




#76
Benzidine
Concen: 37.41 ng
RT: 13.93 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF078586.D
Acq: 17 Apr 2015 2:47

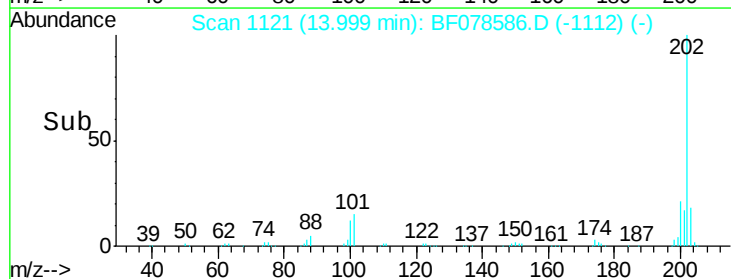
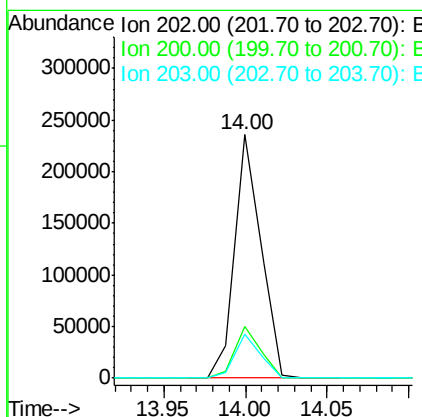
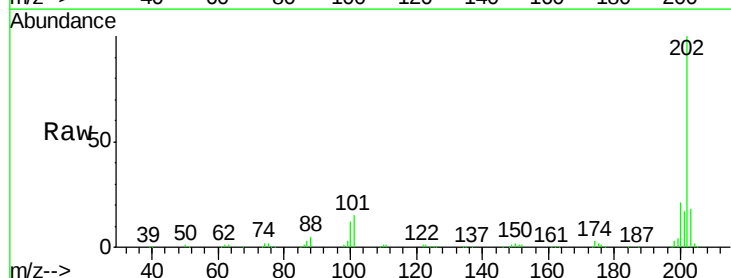
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

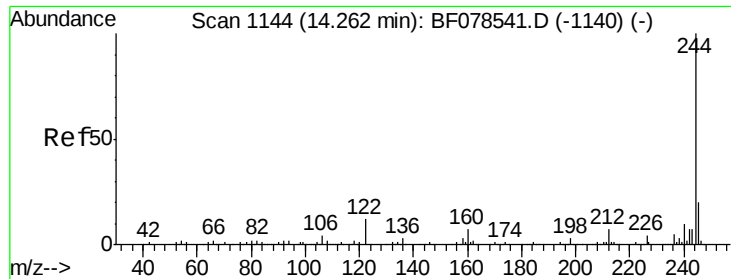
Tgt Ion:184 Resp: 153897
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.2
183 11.1 9.5 14.3



#77
Pyrene
Concen: 39.11 ng
RT: 14.00 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF078586.D
Acq: 17 Apr 2015 2:47

Tgt Ion:202 Resp: 262305
Ion Ratio Lower Upper
202 100
200 21.4 16.3 24.5
203 17.9 13.8 20.6

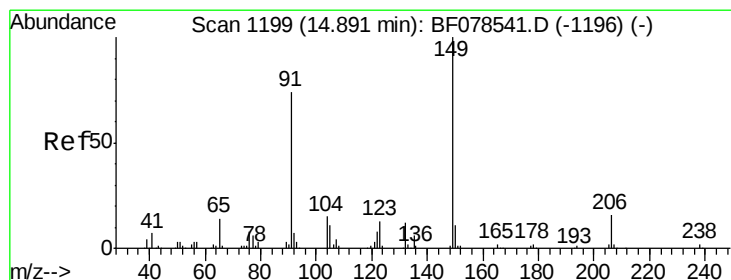
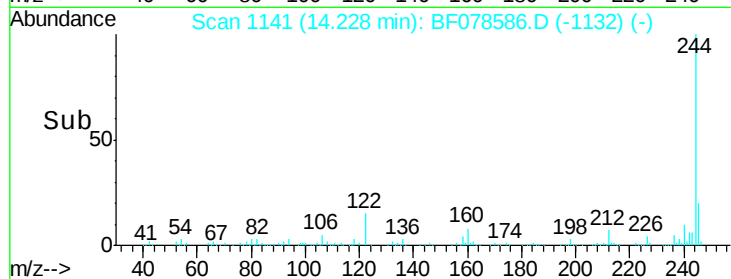
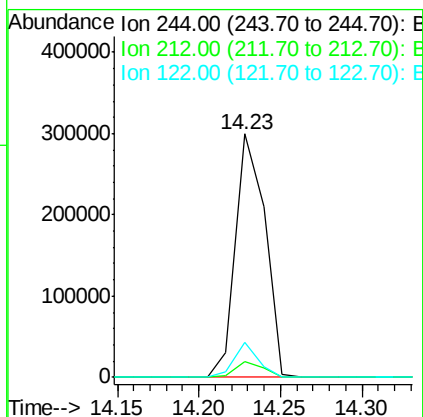
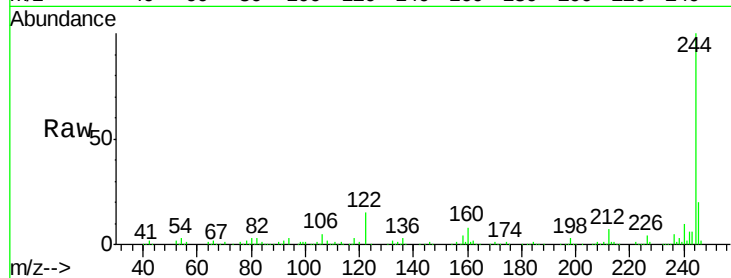




#78
 Terphenyl-d14
 Concen: 78.90 ng
 RT: 14.23 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

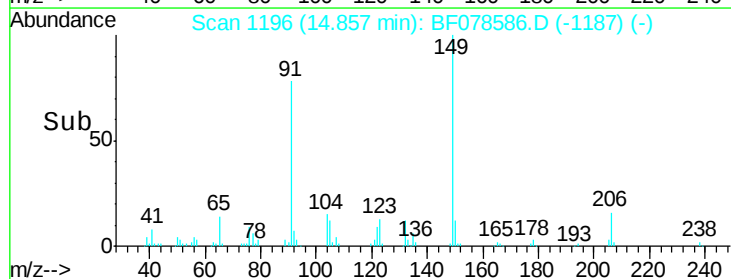
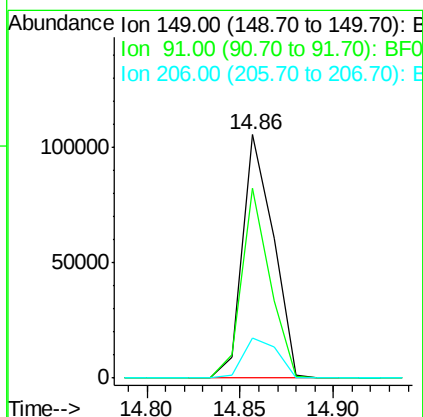
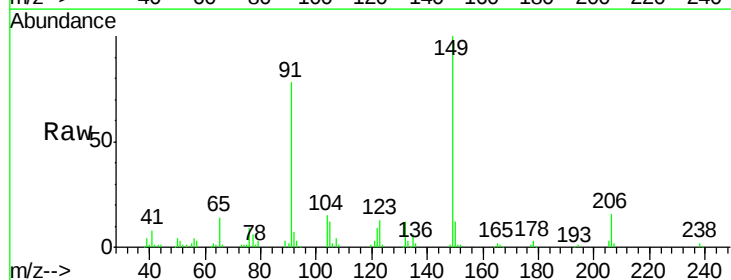
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

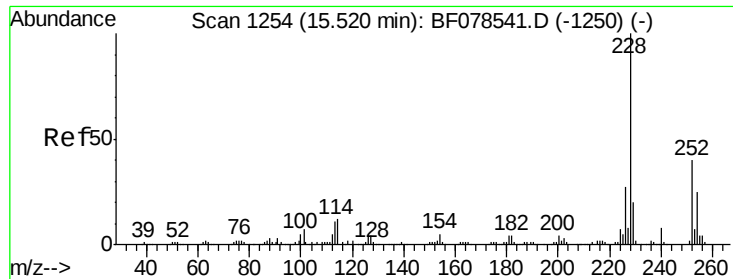
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.0	7.4
122	14.6	7.1	10.7#



#79
 Butylbenzylphthalate
 Concen: 47.29 ng
 RT: 14.86 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF078586.D
 Acq: 17 Apr 2015 2:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.8	64.2	96.2
206	16.3	12.6	18.8

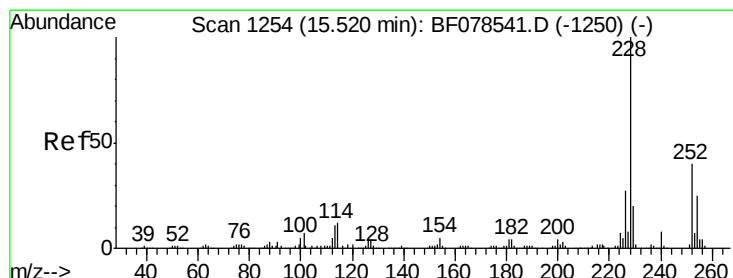
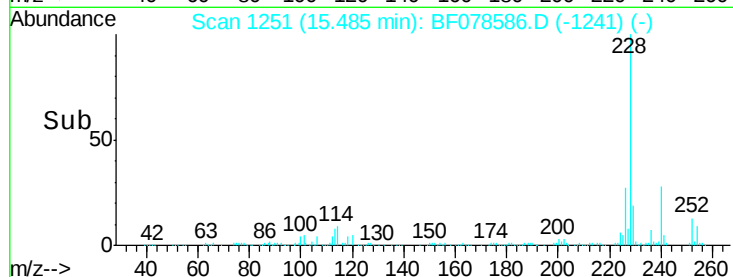
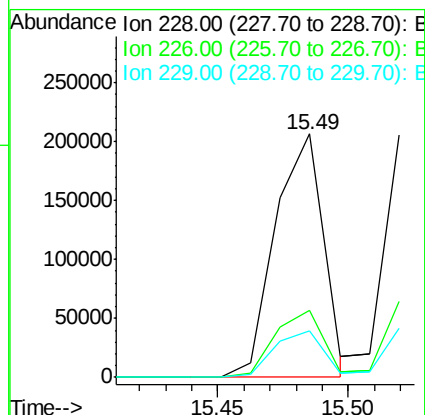
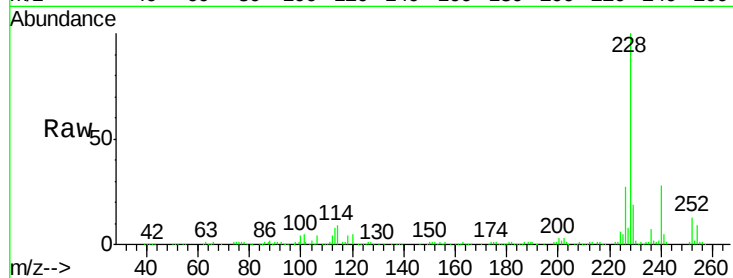




#80
Benzo(a)anthracene
Concen: 41.98 ng
RT: 15.49 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BF078586.D
Acq: 17 Apr 2015 2:47

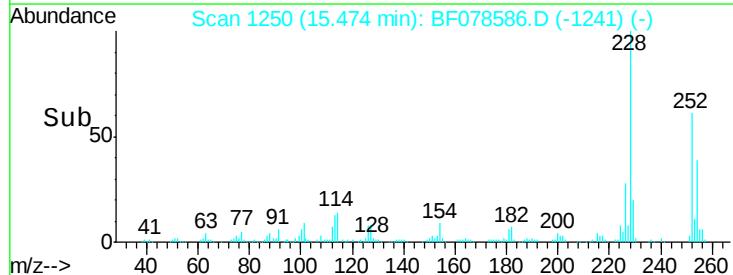
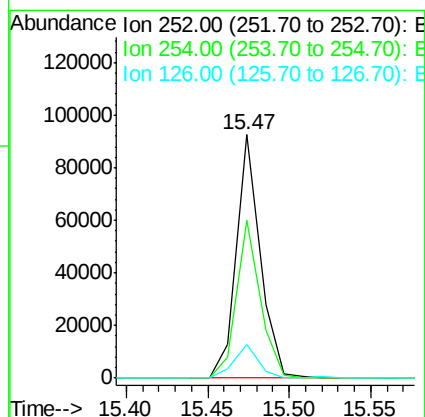
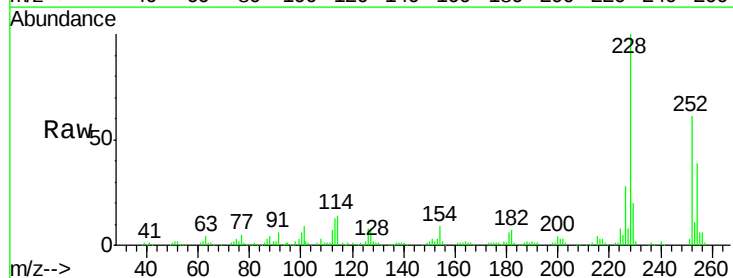
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

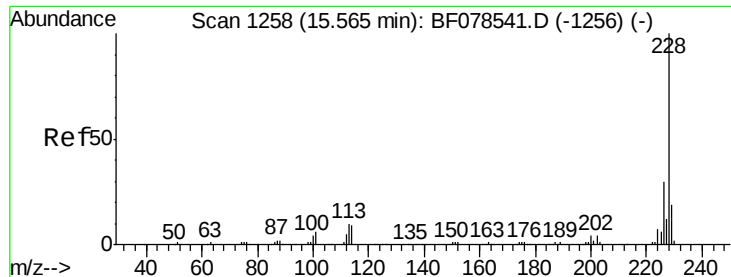
Tgt Ion: 228 Resp: 266869
Ion Ratio Lower Upper
228 100
226 27.4 21.3 31.9
229 19.3 15.4 23.2



#81
3,3'-Dichlorobenzidine
Concen: 43.46 ng
RT: 15.47 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BF078586.D
Acq: 17 Apr 2015 2:47

Tgt Ion: 252 Resp: 92544
Ion Ratio Lower Upper
252 100
254 64.8 51.2 76.8
126 13.7 6.3 9.5#





#82

Chrysene

Concen: 42.34 ng

RT: 15.52 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

Instrument :

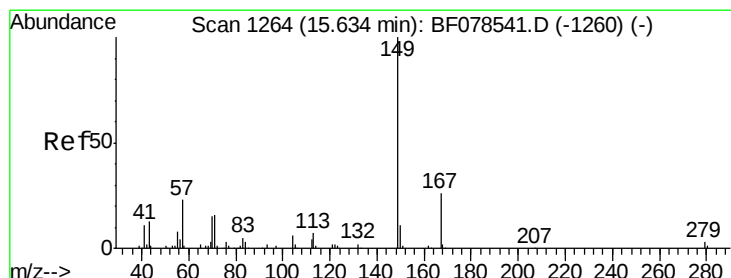
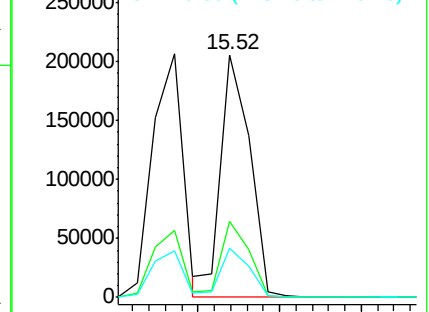
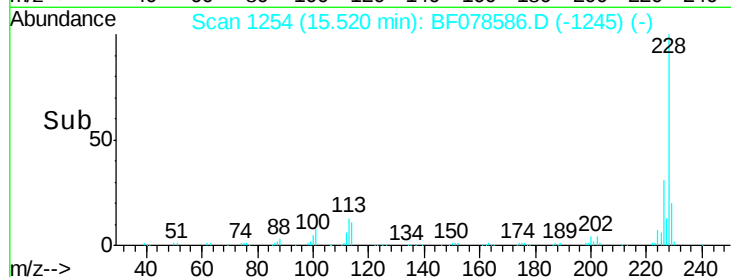
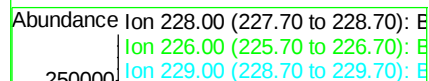
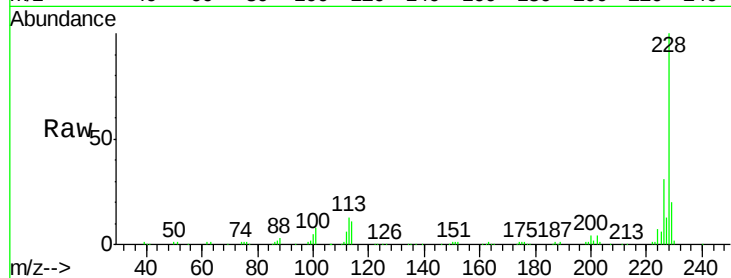
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 228 Resp: 252890

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.2	36.4
229	20.2	15.8	23.8



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.79 ng

RT: 15.59 min Scan# 1260

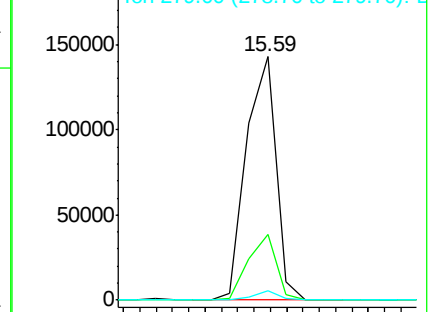
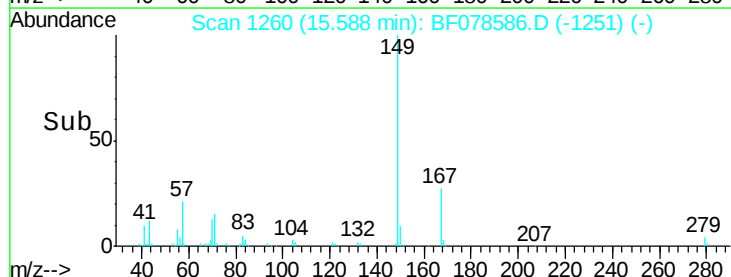
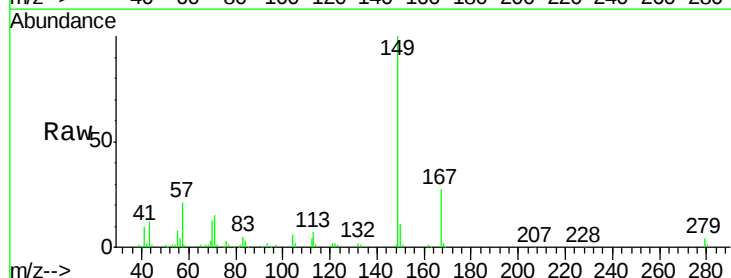
Delta R.T. -0.00 min

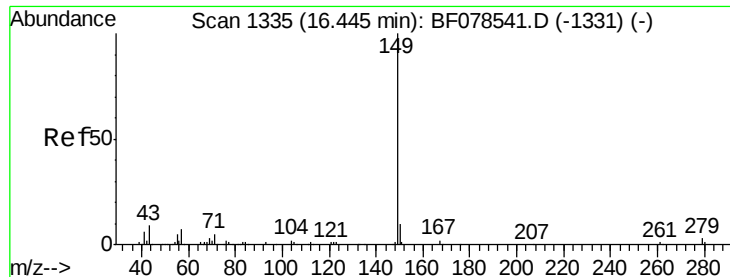
Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

Tgt Ion: 149 Resp: 179605

Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.2	33.2
279	3.7	3.2	4.8





#84

Di-n-octyl phthalate

Concen: 49.08 ng

RT: 16.34 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

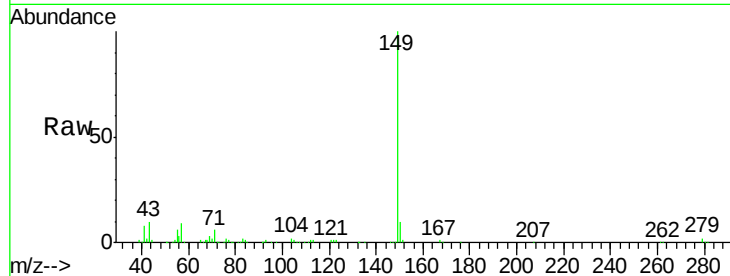
Tgt Ion:149 Resp: 323109

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

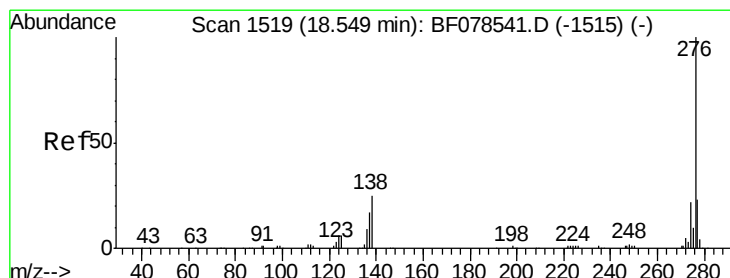
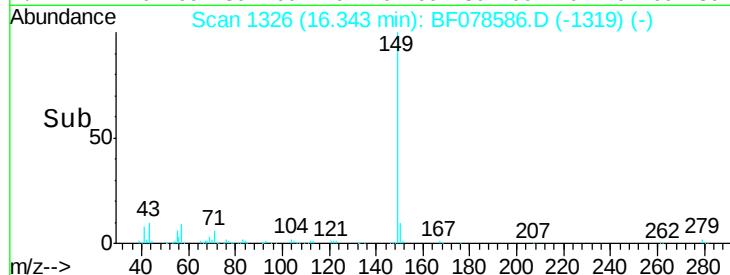
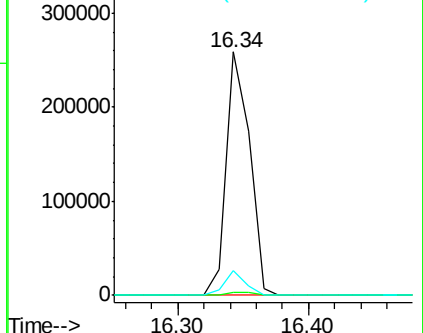
43 8.9 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 45.32 ng

RT: 18.29 min Scan# 1496

Delta R.T. -0.09 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

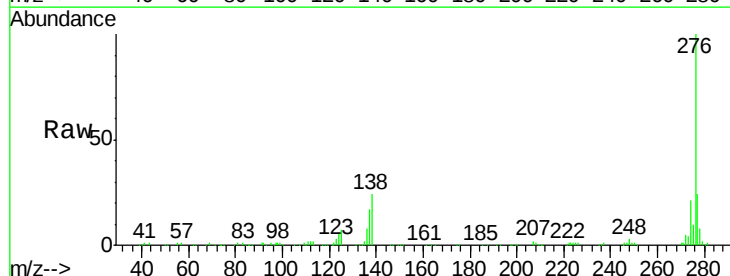
Tgt Ion:276 Resp: 307149

Ion Ratio Lower Upper

276 100

138 28.1 16.9 25.3#

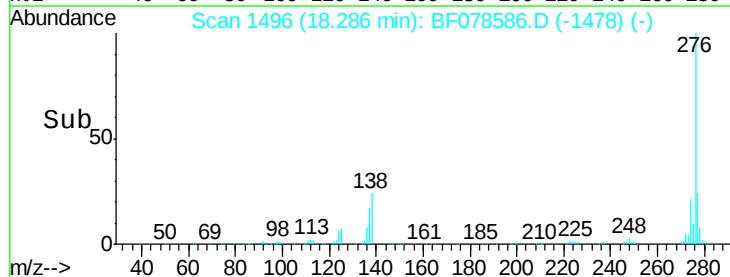
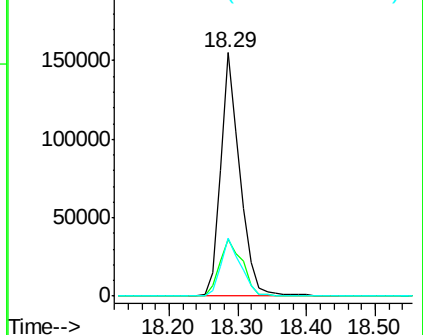
277 24.9 15.8 23.6#

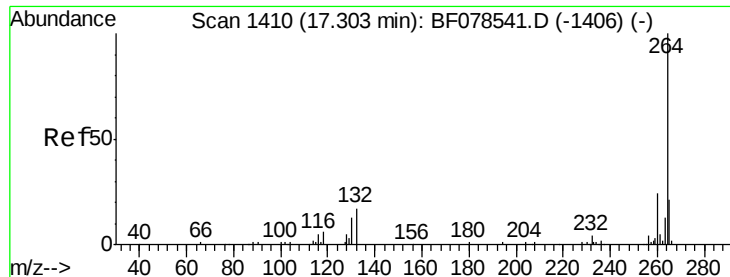


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

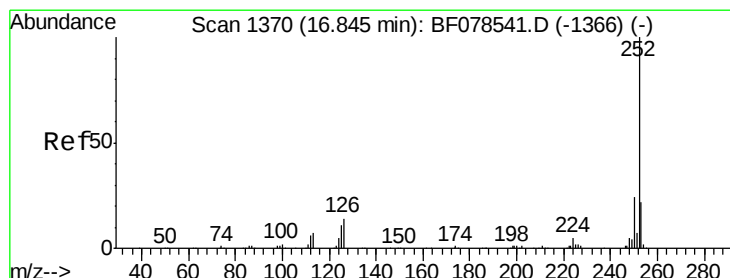
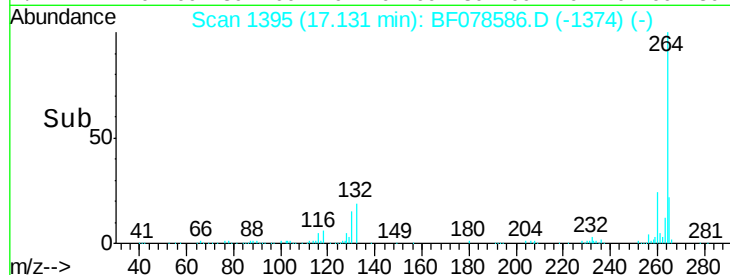
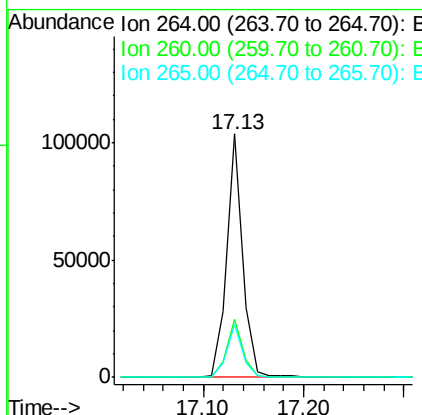
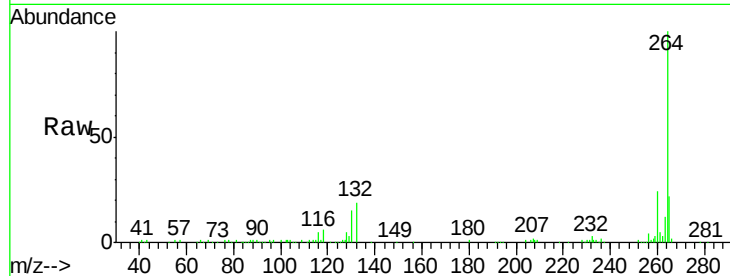




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.13 min Scan# 1395
Delta R.T. -0.06 min
Lab File: BF078586.D
Acq: 17 Apr 2015 2:47

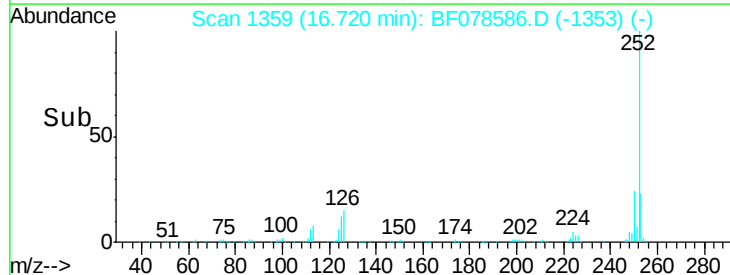
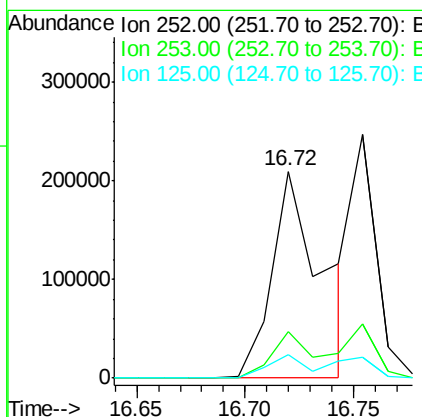
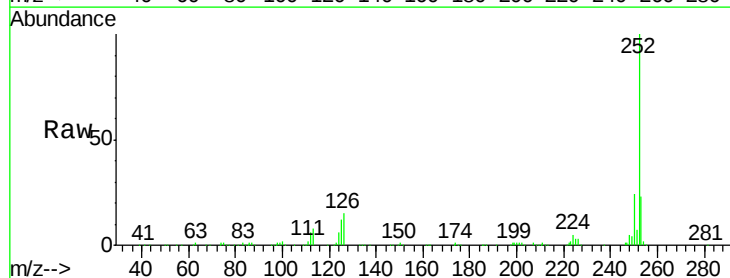
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

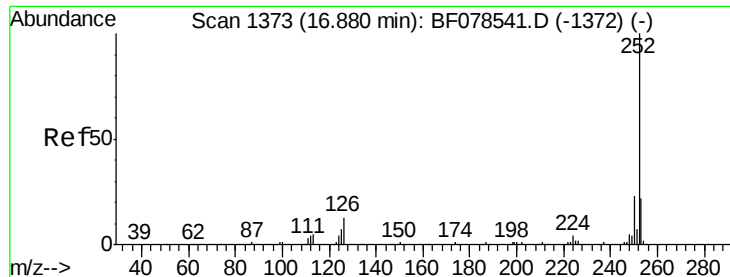
Tgt Ion: 264 Resp: 114488
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 21.8 17.0 25.6



#87
Benzo(b)fluoranthene
Concen: 47.11 ng
RT: 16.72 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BF078586.D
Acq: 17 Apr 2015 2:47

Tgt Ion: 252 Resp: 333311
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 11.6 7.0 10.4#





#88

Benzo(k)fluoranthene

Concen: 31.12 ng m

RT: 16.75 min Scan# 1362

Delta R.T. -0.03 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

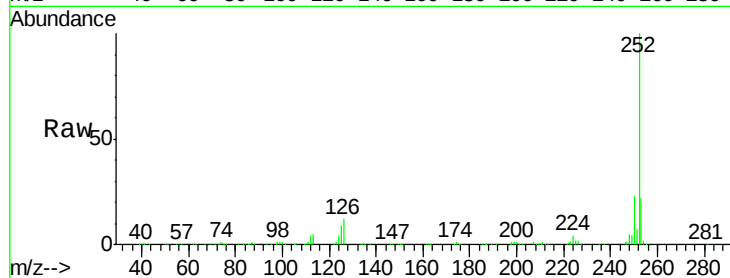
Tgt Ion:252 Resp: 195675

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

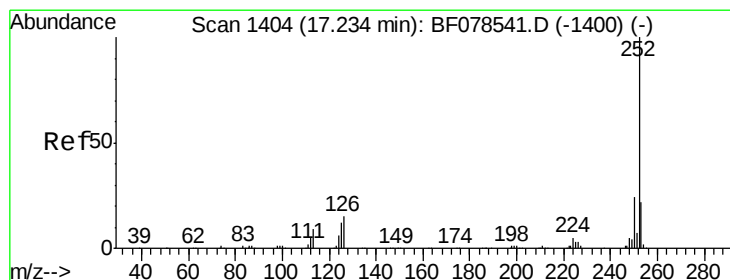
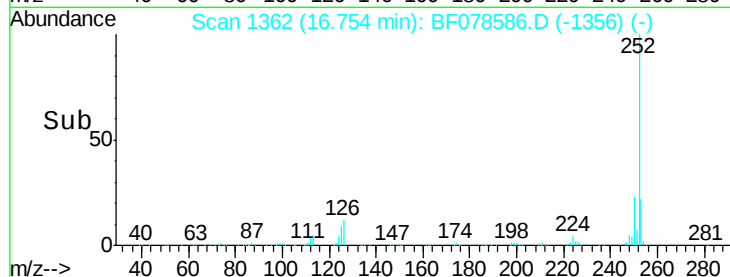
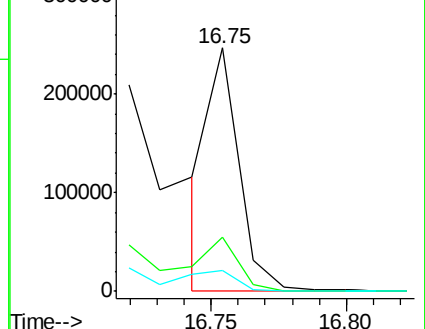
125 8.6 11.6 17.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 41.60 ng

RT: 17.07 min Scan# 1390

Delta R.T. -0.06 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

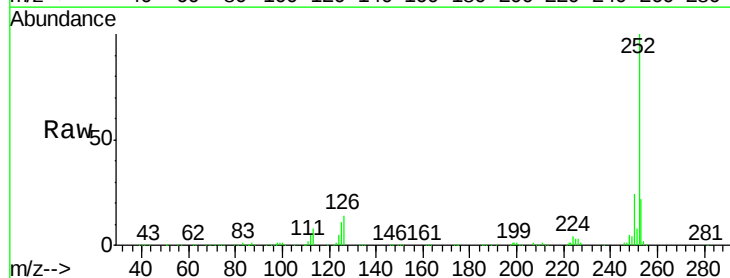
Tgt Ion:252 Resp: 256887

Ion Ratio Lower Upper

252 100

253 21.9 16.8 25.2

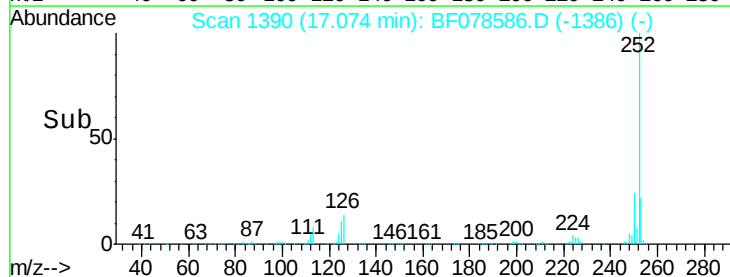
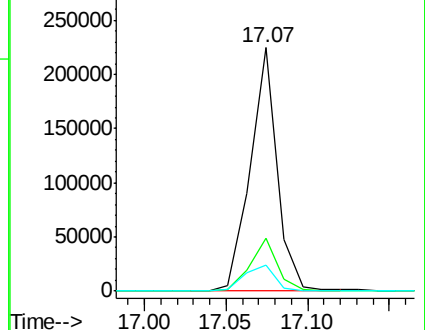
125 10.9 7.4 11.0

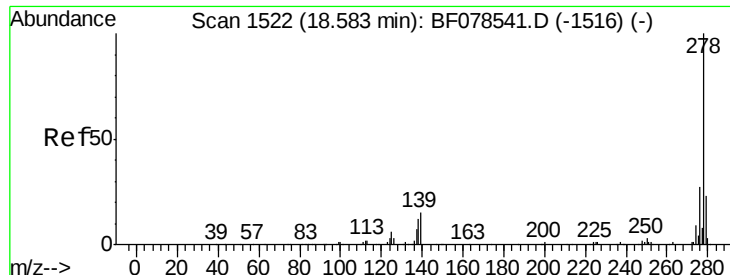


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 40.36 ng

RT: 18.31 min Scan# 1498

Delta R.T. -0.10 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

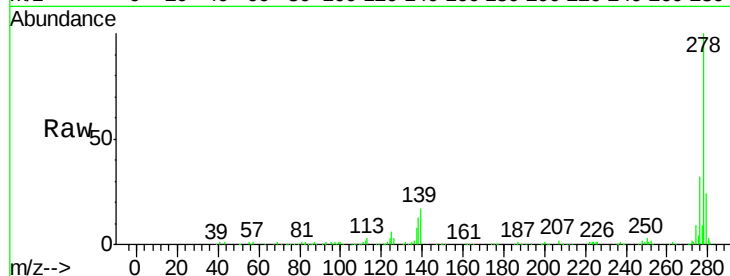
Tgt Ion:278 Resp: 249523

Ion Ratio Lower Upper

278 100

139 17.0 13.6 20.4

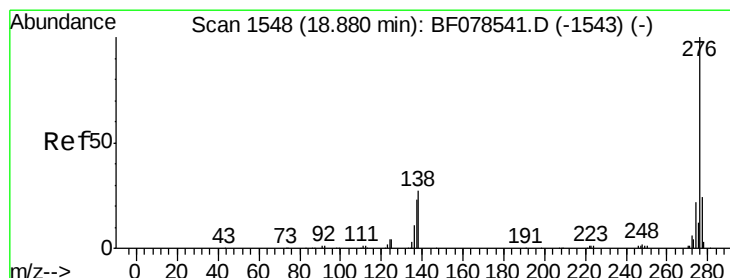
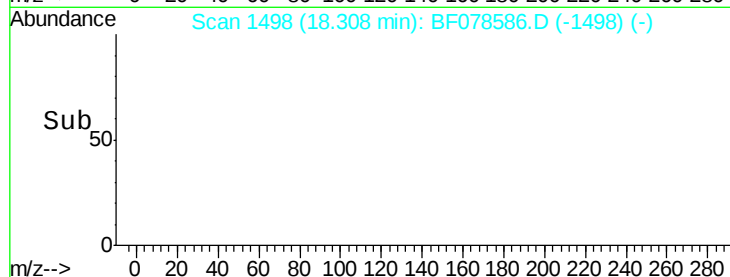
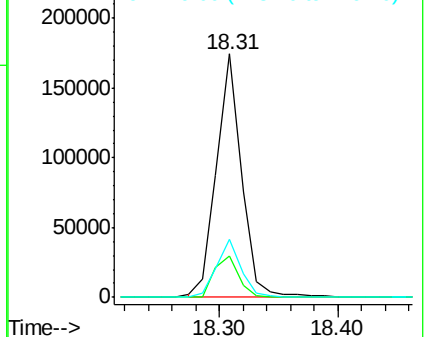
279 23.8 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 38.44 ng

RT: 18.61 min Scan# 1524

Delta R.T. -0.10 min

Lab File: BF078586.D

Acq: 17 Apr 2015 2:47

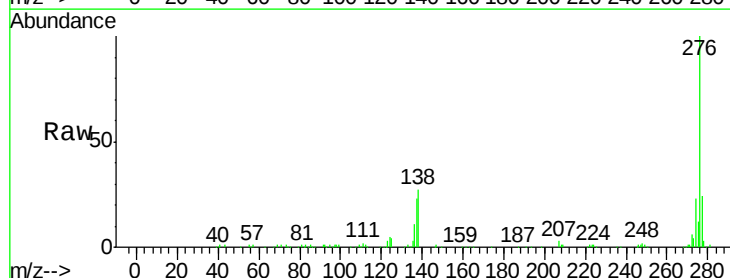
Tgt Ion:276 Resp: 238256

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.4

138 26.9 19.9 29.9



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

