

Data Path : S:\HPCHEM1\BNA_F\DATA\BF021915\
 Data File : BF077377.D
 Acq On : 19 Feb 2015 16:11
 Operator : TP/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021915

Quant Time: Feb 19 17:09:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 19 16:57:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	69185	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	286536	20.00	ng	0.00
38) Acenaphthene-d10	11.08	164	162153	20.00	ng	-0.01
63) Phenanthrene-d10	12.93	188	301366	20.00	ng	0.00
75) Chrysene-d12	16.23	240	333326	20.00	ng	0.00
86) Perylene-d12	17.96	264	325399	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	333045	80.36	ng	0.00
7) Phenol-d6	6.88	99	415010	77.89	ng	0.00
23) Nitrobenzene-d5	8.02	82	372240	80.78	ng	-0.01
41) 2,4,6-Tribromophenol	12.07	330	127676	81.77	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	874373	84.08	ng	0.00
78) Terphenyl-d14	14.93	244	1185482	83.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	70032	39.82	ng	96
3) Pyridine	3.04	79	207997	41.34	ng	96
4) n-Nitrosodimethylamine	2.96	42	86397	39.50	ng	98
6) Aniline	6.92	93	306994	41.69	ng	97
8) 2-Chlorophenol	7.06	128	194394	39.76	ng	98
9) Benzaldehyde	6.78	77	103609	32.03	ng	97
10) Phenol	6.90	94	257949	40.80	ng	96
11) bis(2-Chloroethyl)ether	7.01	93	174467	38.40	ng	84
12) 1,3-Dichlorobenzene	7.25	146	215544	40.49	ng	99
13) 1,4-Dichlorobenzene	7.36	146	226067	41.74	ng	99
14) 1,2-Dichlorobenzene	7.54	146	213467	41.44	ng	99
15) Benzyl Alcohol	7.50	79	158046	39.02	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.69	45	257264	39.61	ng	96
17) 2-Methylphenol	7.65	107	162420	42.50	ng	98
18) Hexachloroethane	7.96	117	71894	39.75	ng	95
19) n-Nitroso-di-n-propylamine	7.85	70	145919	43.12	ng	96
20) 3+4-Methylphenols	7.84	107	210561	41.84	ng	# 63
22) Acetophenone	7.84	105	262303	38.92	ng	# 99
24) Nitrobenzene	8.04	77	193462	39.91	ng	# 79
25) Isophorone	8.35	82	377178	41.26	ng	98
26) 2-Nitrophenol	8.44	139	81210	40.87	ng	97
27) 2,4-Dimethylphenol	8.50	122	176790	39.77	ng	100
28) bis(2-Chloroethoxy)methane	8.62	93	235322	40.75	ng	99
29) 2,4-Dichlorophenol	8.73	162	161640	38.73	ng	88
30) 1,2,4-Trichlorobenzene	8.84	180	187576	40.89	ng	100
31) Naphthalene	8.93	128	602938	42.08	ng	100
32) Benzoic acid	8.59	122	95564	44.24	ng	94
33) 4-Chloroaniline	9.00	127	247612	38.87	ng	# 87
34) Hexachlorobutadiene	9.09	225	112528	42.96	ng	99
35) Caprolactam	9.42	113	55262	43.38	ng	96
36) 4-Chloro-3-methylphenol	9.61	107	179512	42.79	ng	97
37) 2-Methylnaphthalene	9.80	142	413614	40.65	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.01	216	181350	38.98	ng	99
40) Hexachlorocyclopentadiene	9.98	237	91772	36.79	ng	94

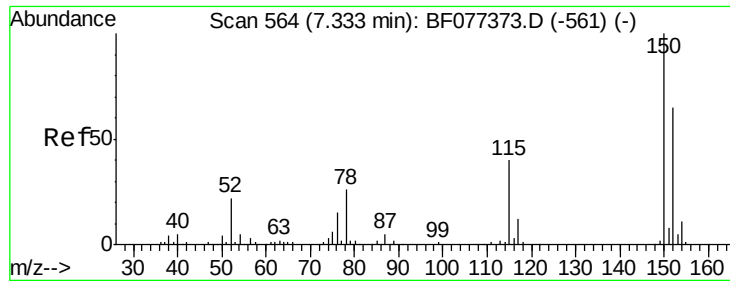
Data Path : S:\HPCHEM1\BNA_F\DATA\BF021915\
 Data File : BF077377.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	131955	42.83	ng	99
43) 2,4,5-Trichlorophenol	10.19	196	139369	42.30	ng	97
45) 1,1'-Biphenyl	10.38	154	495830	40.36	ng	99
46) 2-Chloronaphthalene	10.40	162	394415	40.94	ng	99
47) 2-Nitroaniline	10.52	65	100040	42.18	ng	96
48) Acenaphthylene	10.91	152	672682	44.10	ng	100
49) Dimethylphthalate	10.76	163	458637	40.24	ng	99
50) 2,6-Dinitrotoluene	10.83	165	97731	42.76	ng	# 40
51) Acenaphthene	11.13	154	400803	44.04	ng	99
52) 3-Nitroaniline	11.04	138	121323	46.04	ng	94
53) 2,4-Dinitrophenol	11.16	184	26285	37.79	ng	# 53
54) Dibenzofuran	11.35	168	591409	42.08	ng	98
55) 4-Nitrophenol	11.23	139	87522	41.29	ng	# 57
56) 2,4-Dinitrotoluene	11.33	165	136187	44.09	ng	97
57) Fluorene	11.77	166	485838	43.24	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.49	232	117308	44.29	ng	98
59) Diethylphthalate	11.64	149	462241	41.14	ng	100
60) 4-Chlorophenyl-phenylether	11.78	204	225494	41.65	ng	96
61) 4-Nitroaniline	11.79	138	117332	46.45	ng	98
62) Azobenzene	11.97	77	464127	43.53	ng	98
64) 4,6-Dinitro-2-methylphenol	11.83	198	43457	37.06	ng	# 31
65) n-Nitrosodiphenylamine	11.93	169	421336	42.14	ng	98
66) 4-Bromophenyl-phenylether	12.39	248	144114	40.84	ng	96
67) Hexachlorobenzene	12.44	284	155328	41.01	ng	95
68) Atrazine	12.59	200	113798	35.01	ng	99
69) Pentachlorophenol	12.69	266	87018	43.71	ng	99
70) Phenanthrene	12.96	178	731233	41.86	ng	99
71) Anthracene	13.03	178	727106	41.95	ng	100
72) Carbazole	13.23	167	700901	42.53	ng	100
73) Di-n-butylphthalate	13.68	149	805178	41.60	ng	100
74) Fluoranthene	14.44	202	846714	44.38	ng	99
76) Benzidine	14.61	184	369210	32.78	ng	98
77) Pyrene	14.72	202	846895	41.54	ng	99
79) Butylbenzylphthalate	15.55	149	358162	42.70	ng	96
80) Benzo(a)anthracene	16.21	228	822925	42.12	ng	99
81) 3,3'-Dichlorobenzidine	16.19	252	272860	38.12	ng	99
82) Chrysene	16.26	228	765910	41.75	ng	99
83) Bis(2-ethylhexyl)phthalate	16.27	149	556457	41.37	ng	99
84) Di-n-octyl phthalate	17.06	149	949046	42.26	ng	99
85) Indeno(1,2,3-cd)pyrene	19.47	276	849927	40.64	ng	95
87) Benzo(b)fluoranthene	17.52	252	780343	41.24	ng	# 97
88) Benzo(k)fluoranthene	17.52	252	780343	42.08	ng	98
89) Benzo(a)pyrene	17.91	252	756744	41.99	ng	98
90) Dibenzo(a,h)anthracene	19.49	278	753640	43.85	ng	99
91) Benzo(g,h,i)perylene	19.91	276	748835	43.17	ng	99

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

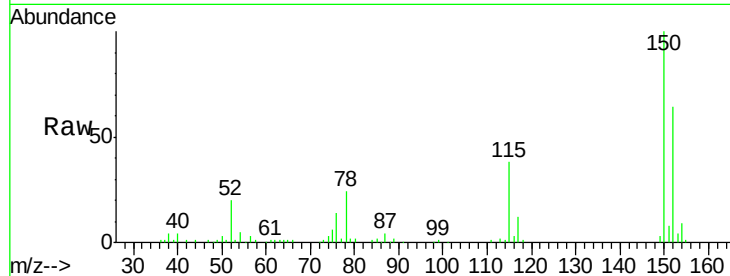


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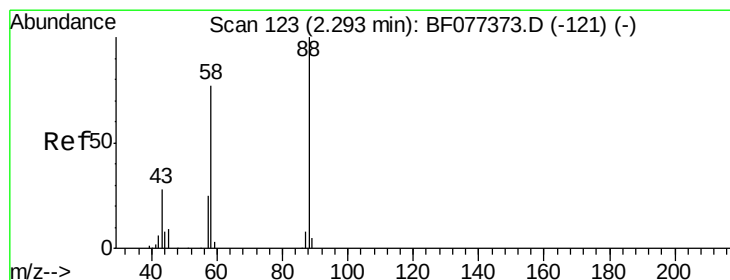
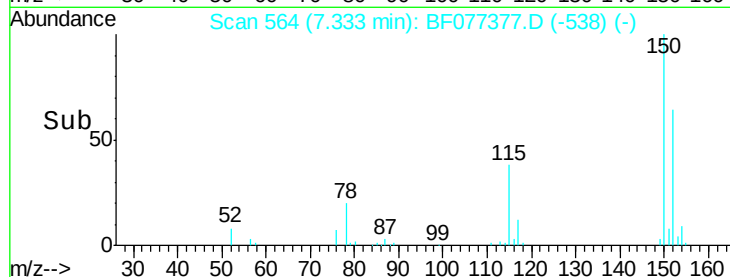
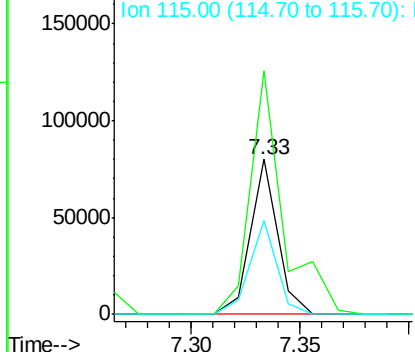
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Instrument :
BNA_F
ClientSampleId :
ICVBF021915

Tgt Ion: 152 Resp: 69185
Ion Ratio Lower Upper
152 100
150 157.0 124.0 186.0
115 60.3 49.4 74.2



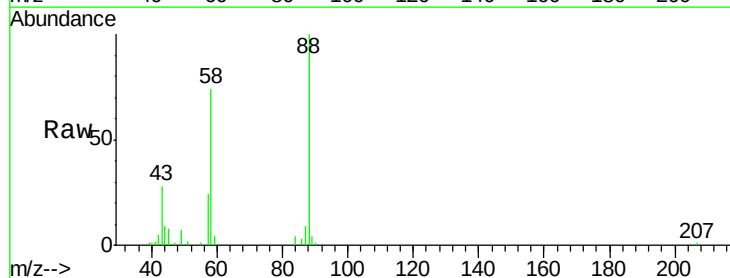
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



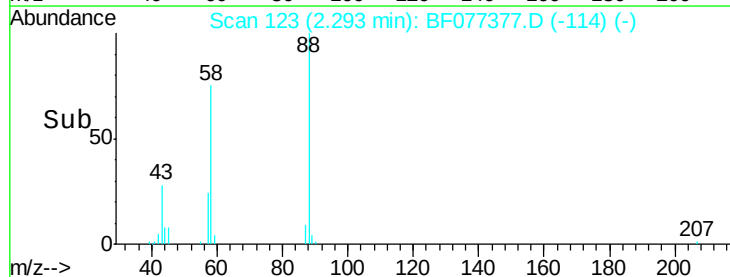
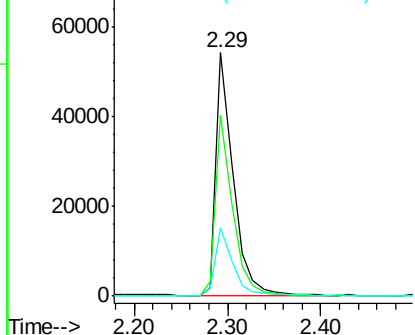
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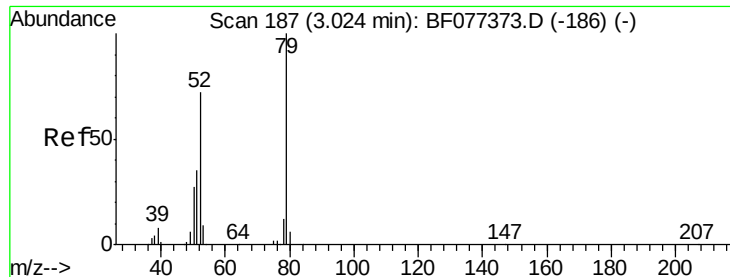
1,4-Dioxane
Concen: 39.82 ng
RT: 2.29 min Scan# 123
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion: 88 Resp: 70032
Ion Ratio Lower Upper
88 100
58 73.0 62.1 93.1
43 29.5 24.0 36.0



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: 41.34 ng

RT: 3.04 min Scan# 188

Delta R.T. 0.01 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

ClientSampleId :

ICVBF021915

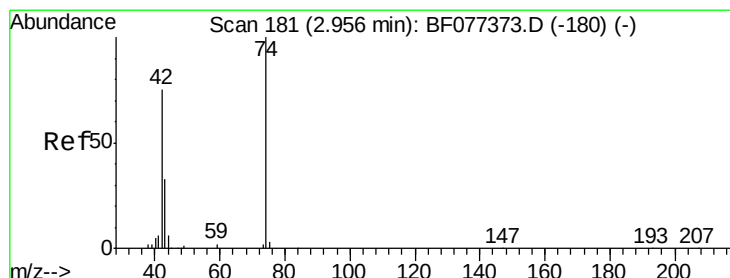
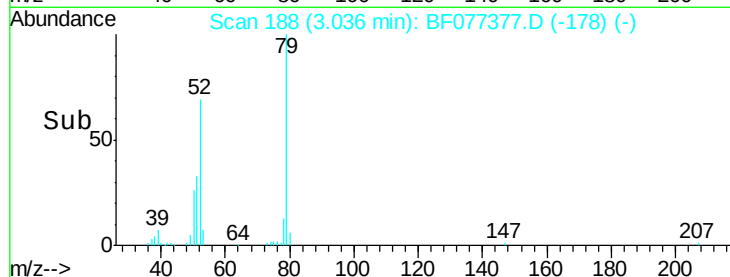
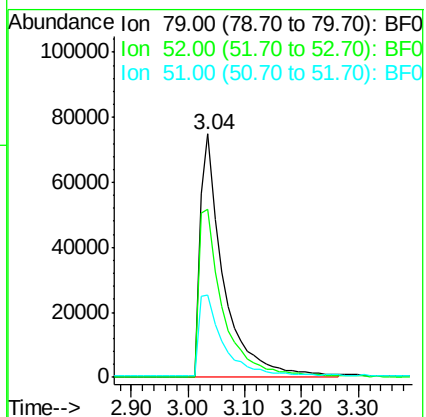
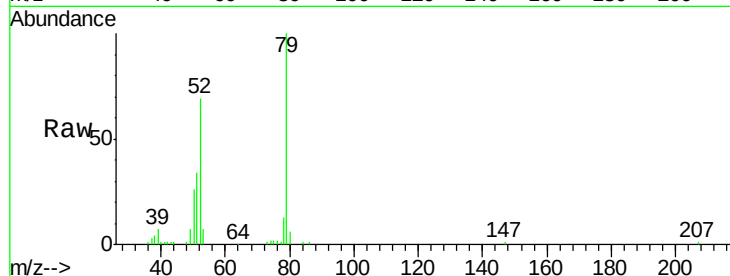
Tgt Ion: 79 Resp: 207997

Ion Ratio Lower Upper

79 100

52 69.0 57.7 86.5

51 33.7 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 39.50 ng

RT: 2.96 min Scan# 181

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

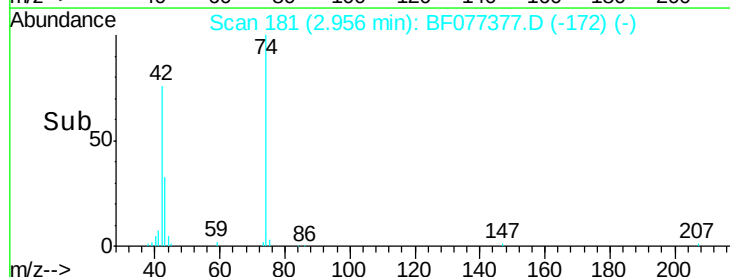
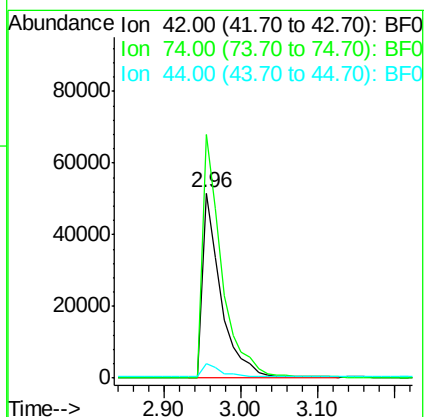
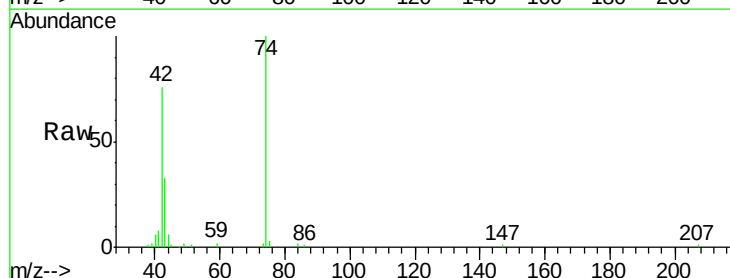
Tgt Ion: 42 Resp: 86397

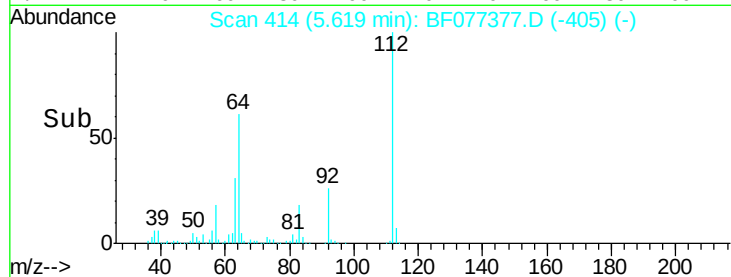
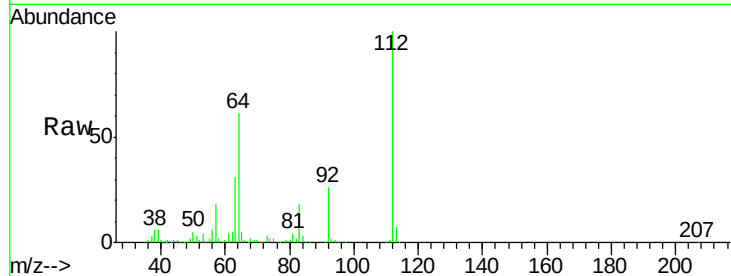
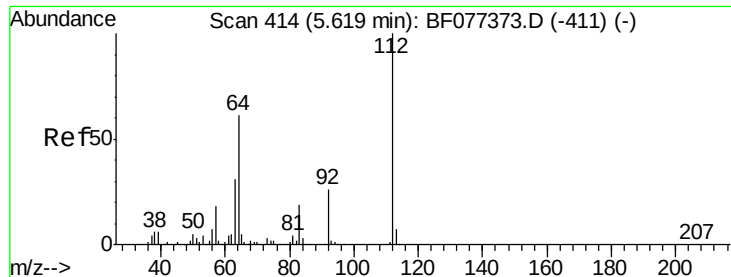
Ion Ratio Lower Upper

42 100

74 131.8 107.1 160.7

44 7.5 6.7 10.1





#5

2-Fluorophenol

Concen: 80.36 ng

RT: 5.62 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

ClientSampleId :

ICVBF021915

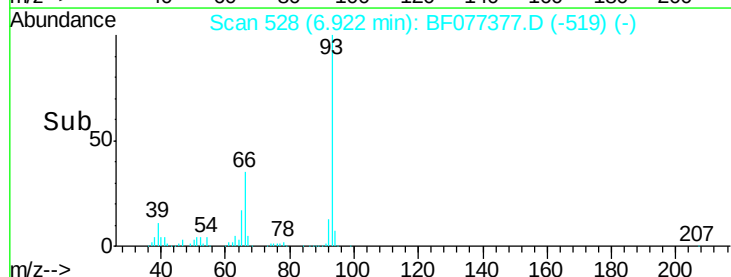
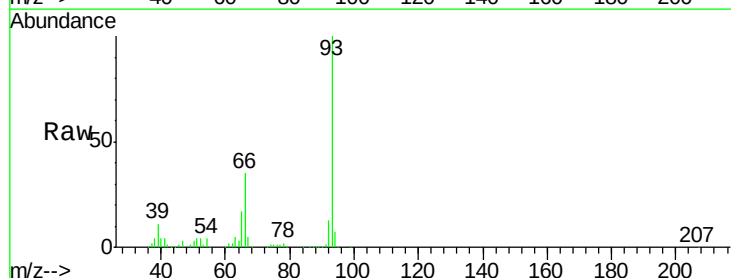
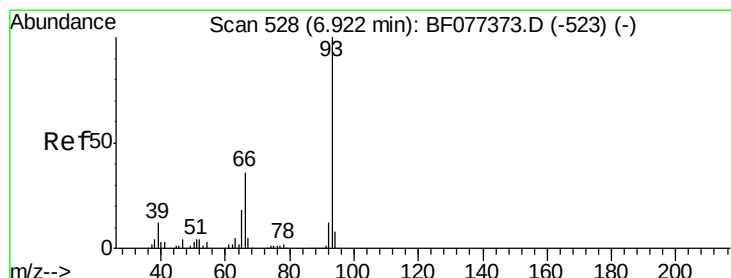
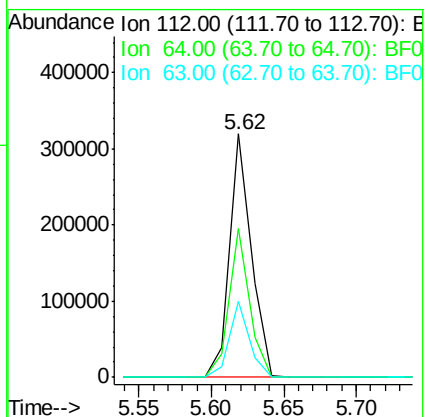
Tgt Ion: 112 Resp: 333045

Ion Ratio Lower Upper

112 100

64 60.9 48.5 72.7

63 31.0 25.0 37.4



#6

Aniline

Concen: 41.69 ng

RT: 6.92 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

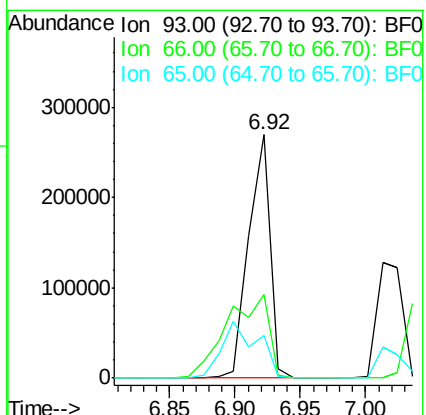
Tgt Ion: 93 Resp: 306994

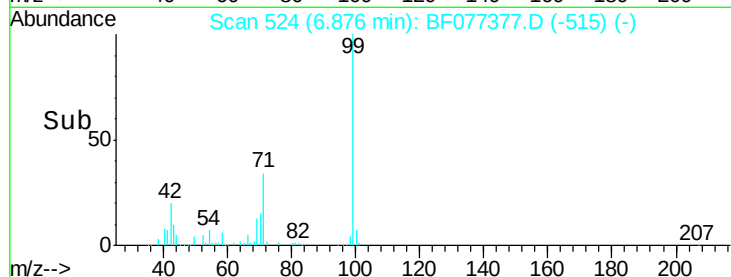
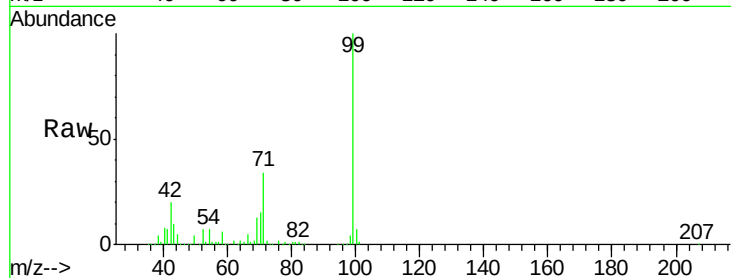
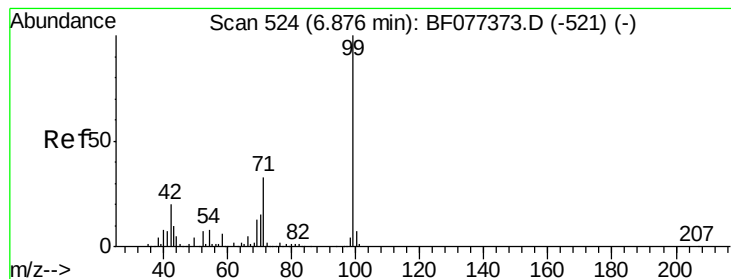
Ion Ratio Lower Upper

93 100

66 34.5 29.1 43.7

65 17.3 14.6 22.0





#7

Phenol-d6

Concen: 77.89 ng

RT: 6.88 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

ClientSampleId :

ICVBF021915

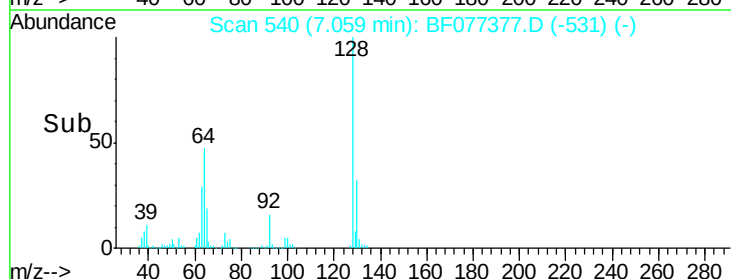
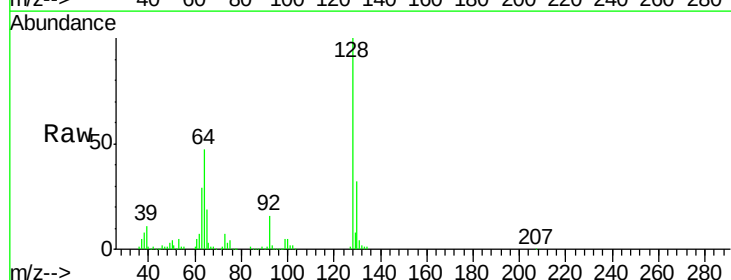
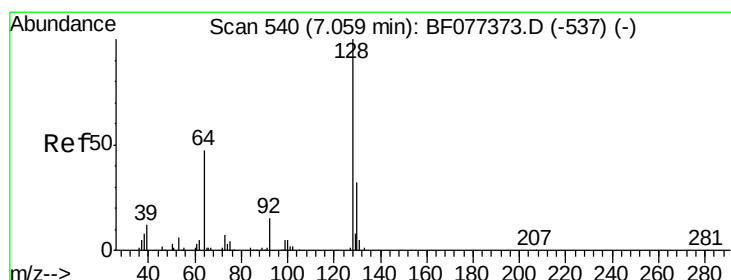
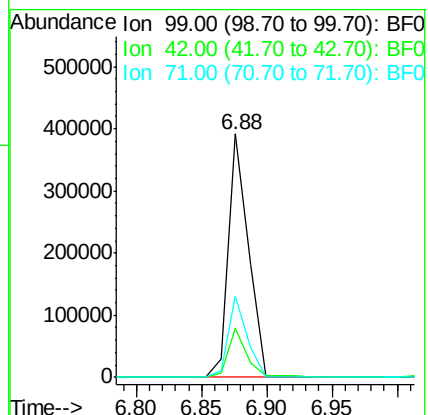
Tgt Ion: 99 Resp: 415010

Ion Ratio Lower Upper

99 100

42 20.1 16.2 24.4

71 33.5 26.7 40.1



#8

2-Chlorophenol

Concen: 39.76 ng

RT: 7.06 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

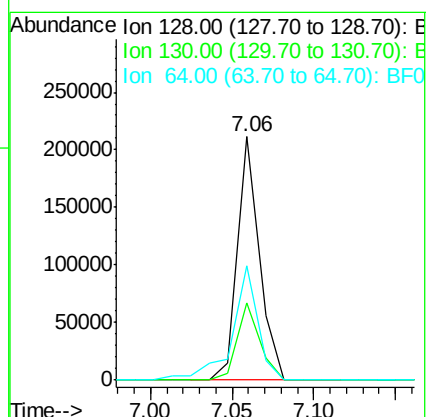
Tgt Ion: 128 Resp: 194394

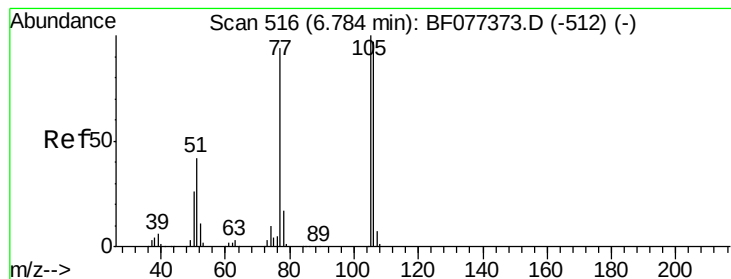
Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

64 46.9 29.2 69.2





#9

Benzaldehyde

Concen: 32.03 ng

RT: 6.78 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

ClientSampleId :

ICVBF021915

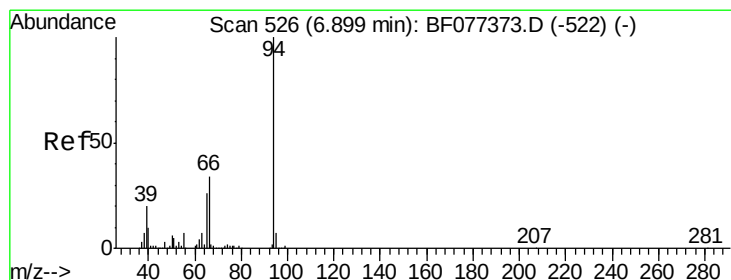
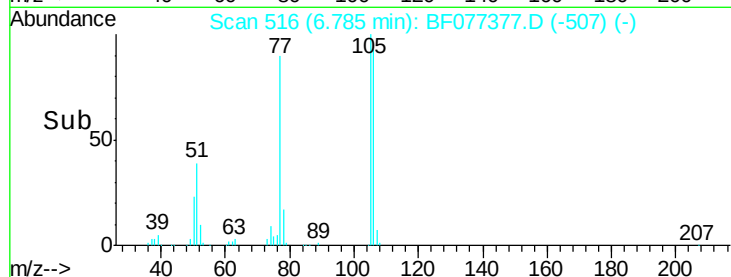
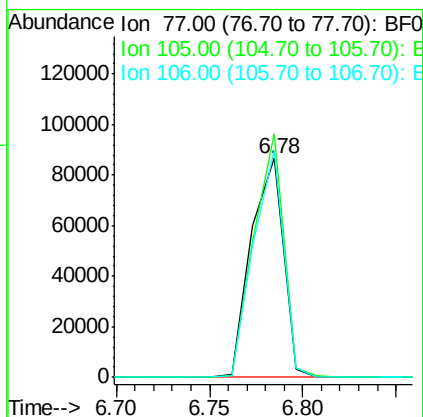
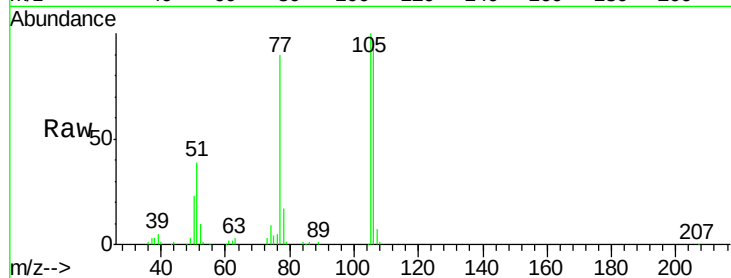
Tgt Ion: 77 Resp: 103609

Ion Ratio Lower Upper

77 100

105 111.3 85.9 125.9

106 104.0 82.9 122.9



#10

Phenol

Concen: 40.80 ng

RT: 6.90 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

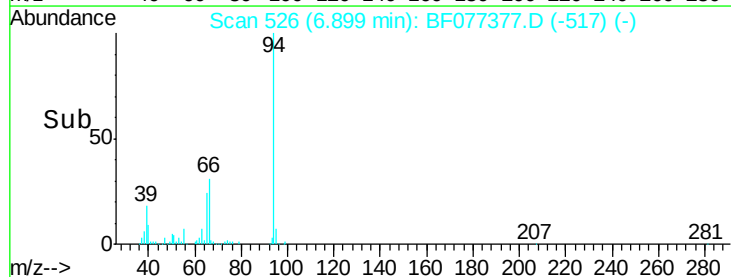
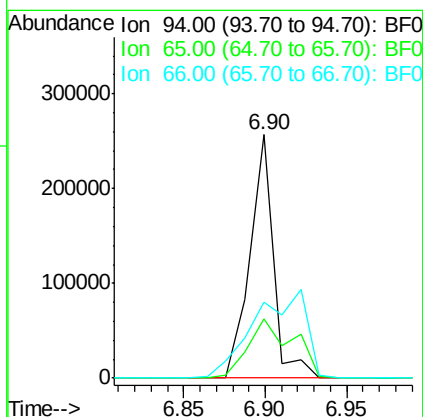
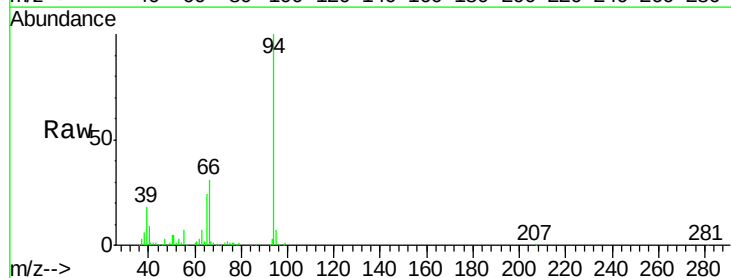
Tgt Ion: 94 Resp: 257949

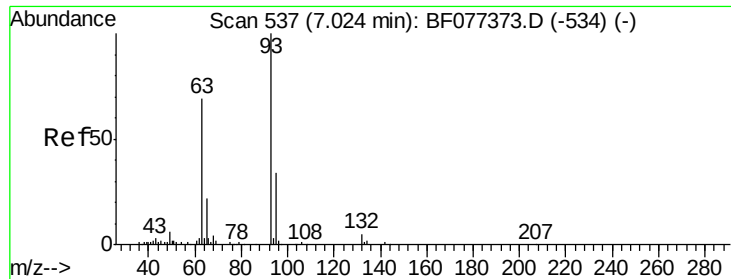
Ion Ratio Lower Upper

94 100

65 24.4 5.7 45.7

66 31.0 13.6 53.6

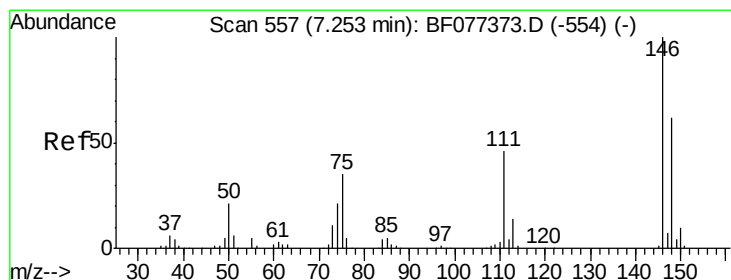
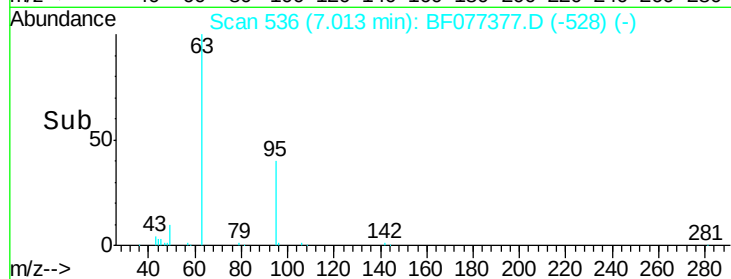
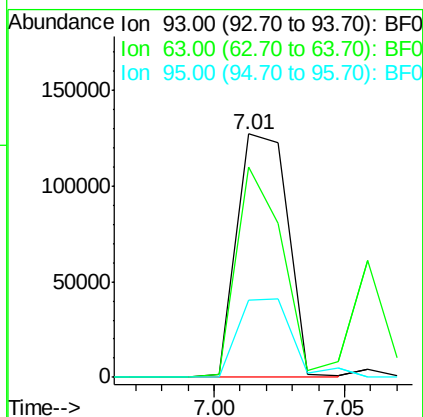
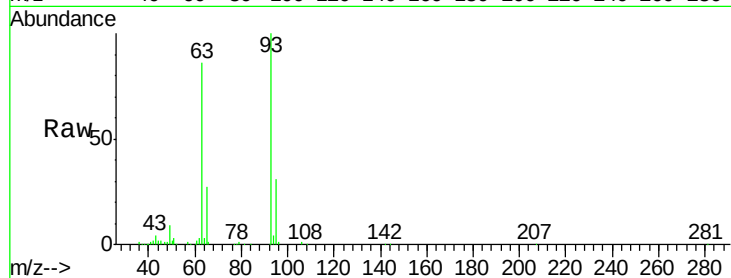




#11
bis(2-Chloroethyl)ether
Concen: 38.40 ng
RT: 7.01 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

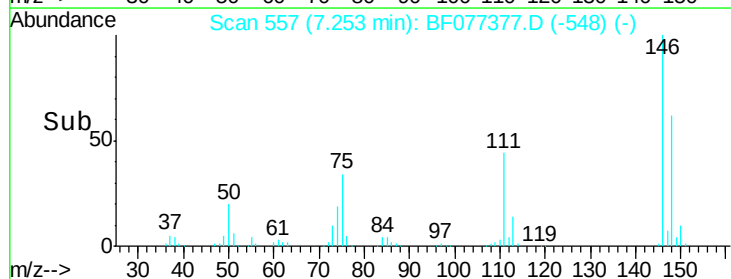
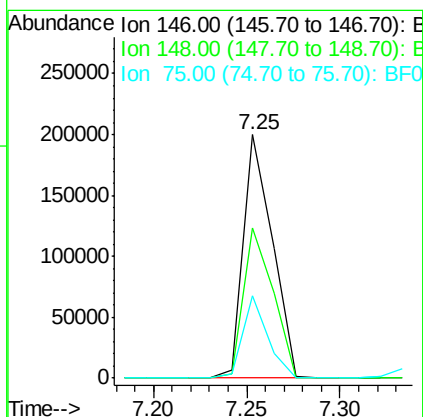
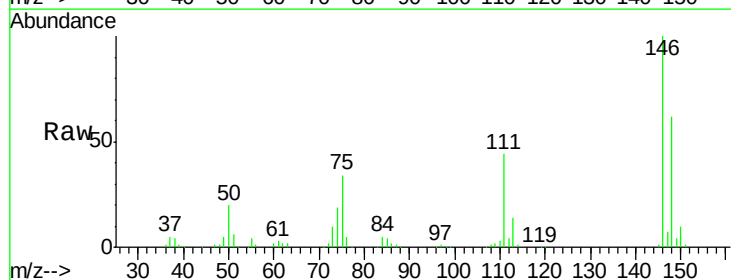
Instrument :
BNA_F
ClientSampleId :
ICVBF021915

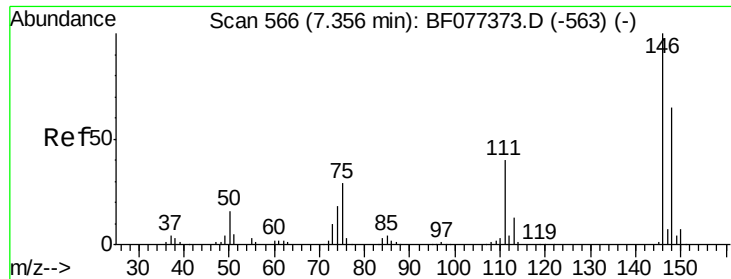
Tgt Ion: 93 Resp: 174467
Ion Ratio Lower Upper
93 100
63 86.2 48.7 88.7
95 31.5 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 40.49 ng
RT: 7.25 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion: 146 Resp: 215544
Ion Ratio Lower Upper
146 100
148 61.8 49.8 74.8
75 33.8 28.2 42.4

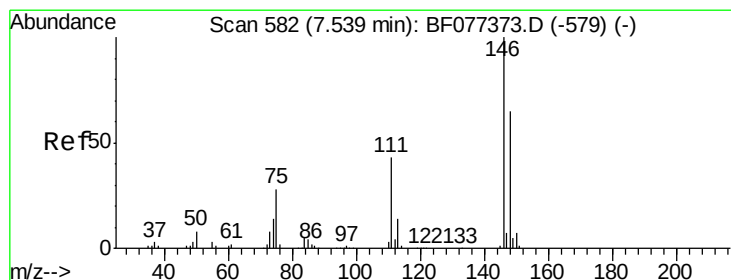
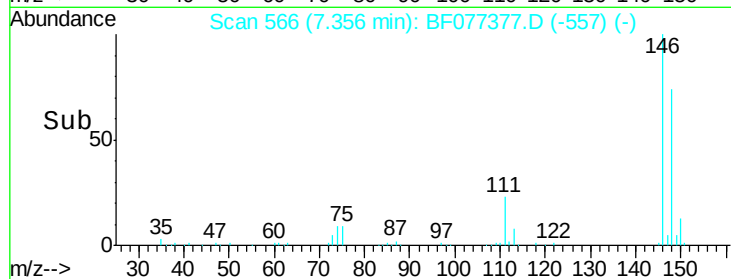
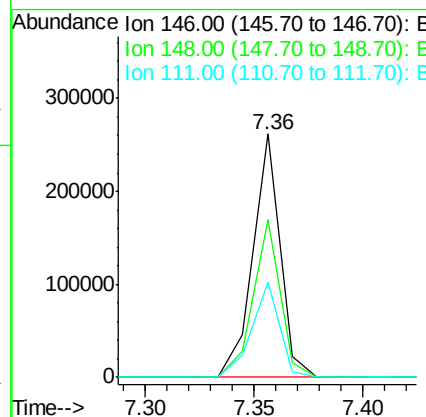
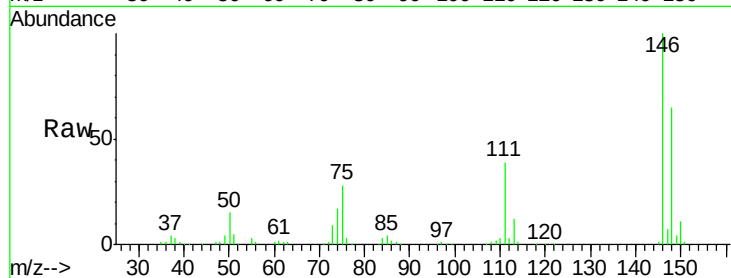




#13
 1,4-Dichlorobenzene
 Concen: 41.74 ng
 RT: 7.36 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

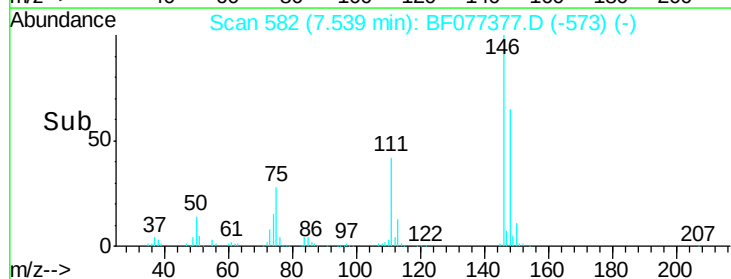
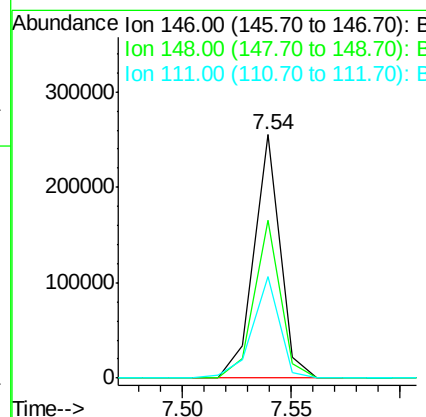
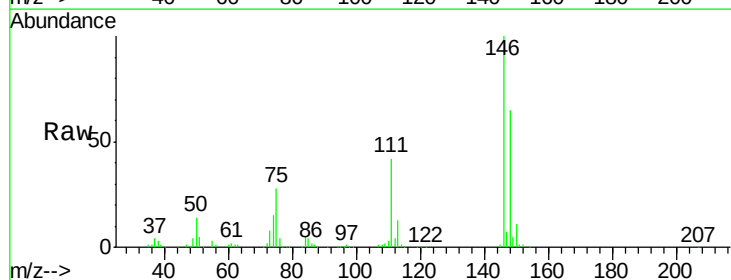
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021915

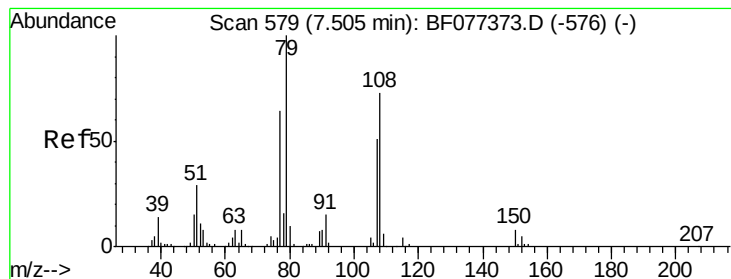
Tgt Ion:146 Resp: 226067
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.0 78.0
 111 39.1 31.9 47.9



#14
 1,2-Dichlorobenzene
 Concen: 41.44 ng
 RT: 7.54 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Tgt Ion:146 Resp: 213467
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.6 77.4
 111 41.5 34.2 51.2





#15

Benzyl Alcohol

Concen: 39.02 ng

RT: 7.50 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

ClientSampleId :

ICVBF021915

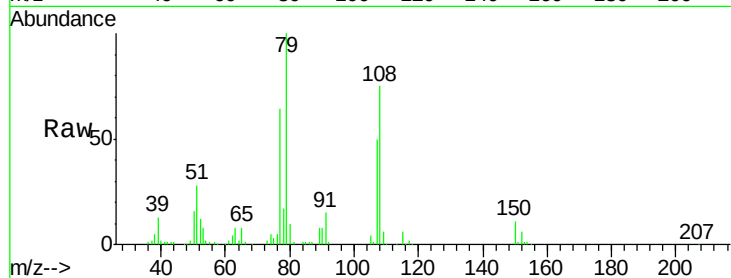
Tgt Ion: 79 Resp: 158046

Ion Ratio Lower Upper

79 100

108 74.5 58.3 87.5

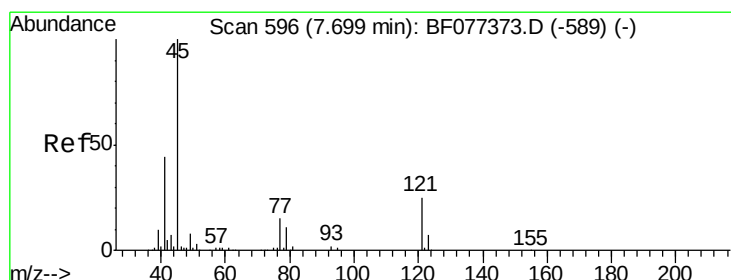
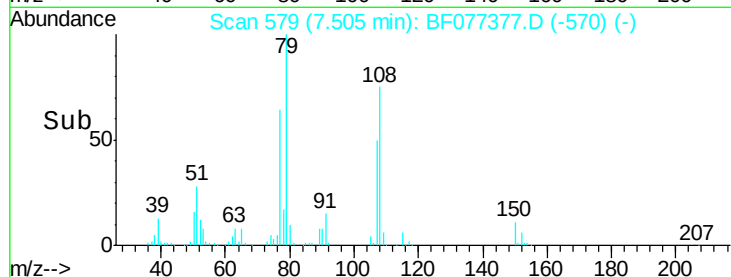
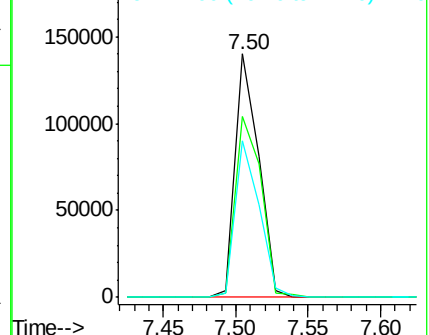
77 64.1 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.61 ng

RT: 7.69 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

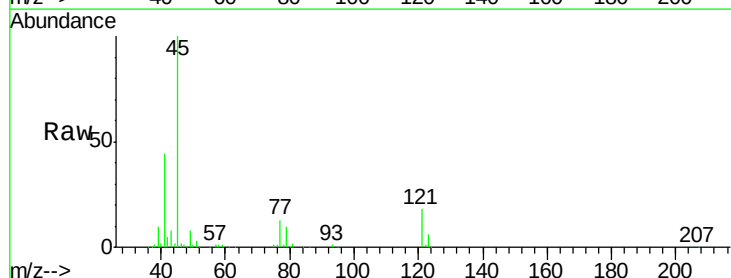
Tgt Ion: 45 Resp: 257264

Ion Ratio Lower Upper

45 100

77 12.9 0.0 34.6

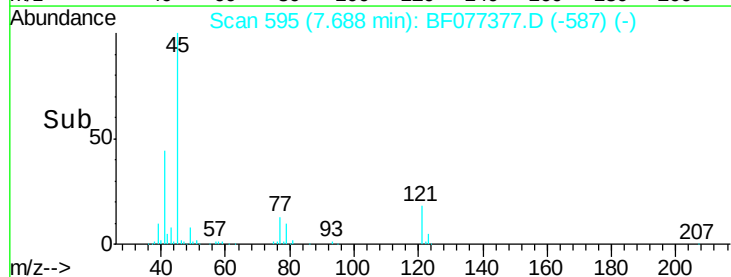
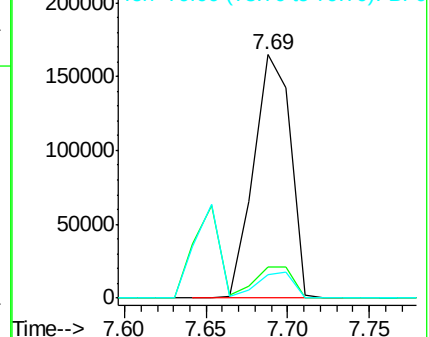
79 9.8 0.0 31.5

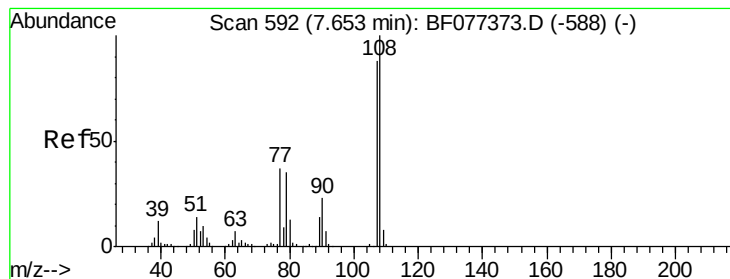


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 42.50 ng

RT: 7.65 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

ClientSampleId :

ICVBF021915

Tgt Ion:107 Resp: 162420

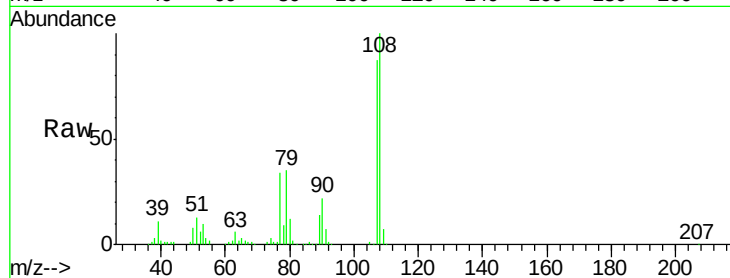
Ion Ratio Lower Upper

107 100

108 115.5 91.2 136.8

77 39.8 33.6 50.4

79 40.0 32.1 48.1

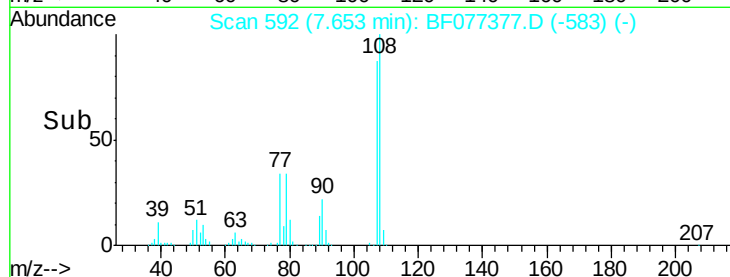


Abundance Ion 107.00 (106.70 to 107.70): E

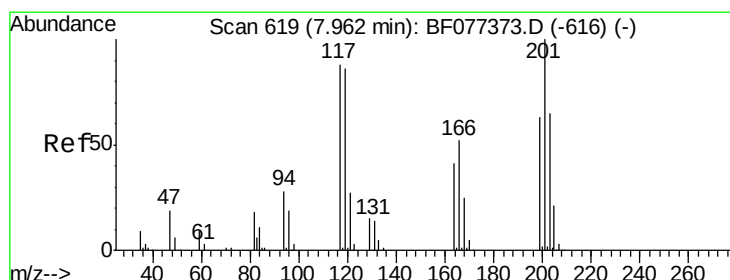
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 39.75 ng

RT: 7.96 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

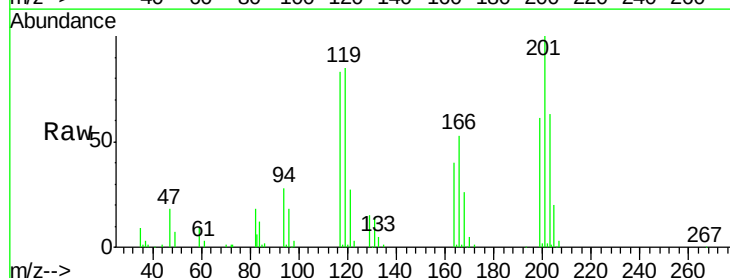
Tgt Ion:117 Resp: 71894

Ion Ratio Lower Upper

117 100

119 101.5 77.8 116.8

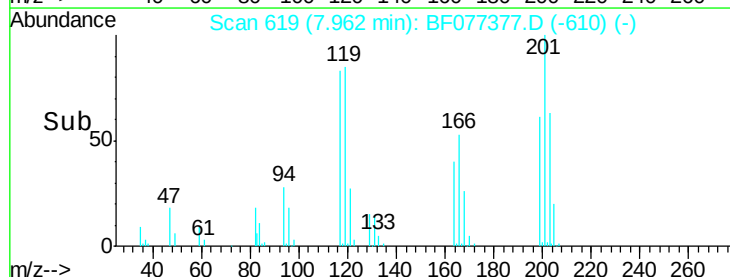
201 119.9 90.6 136.0



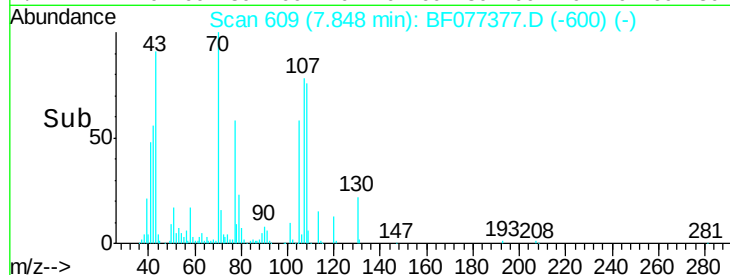
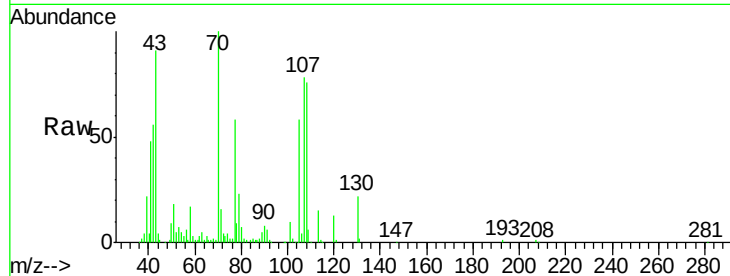
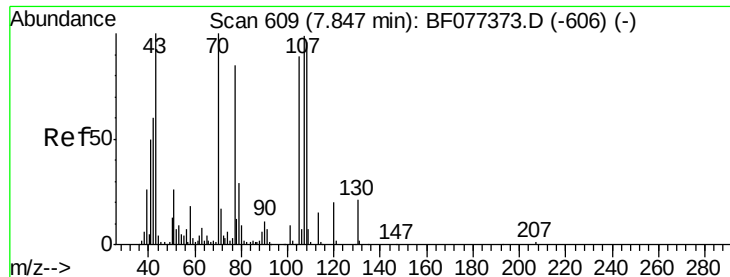
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 43.12 ng

RT: 7.85 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

ClientSampleId :

ICVBF021915

Tgt Ion: 70 Resp: 145919

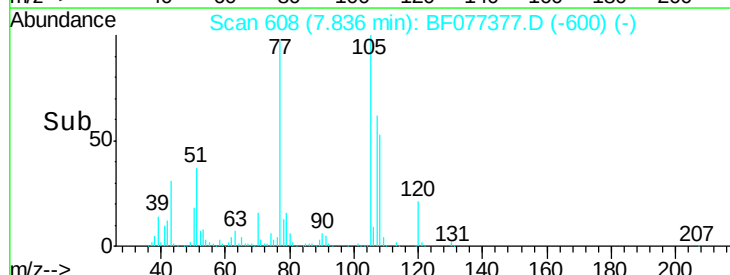
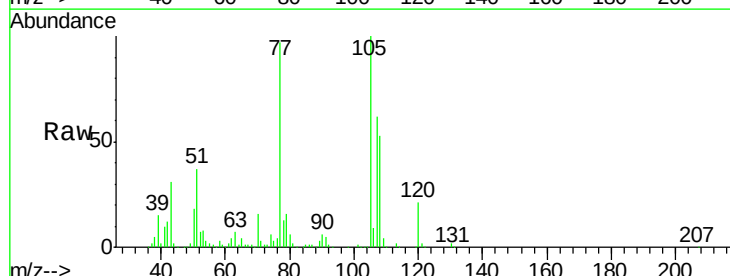
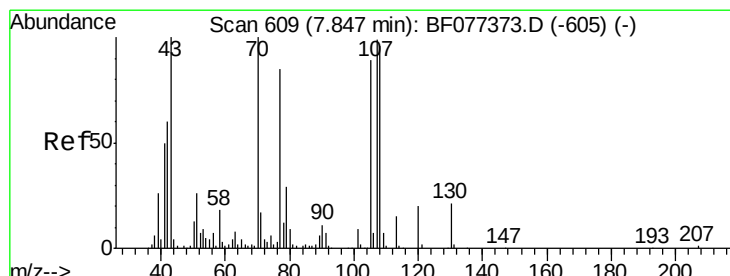
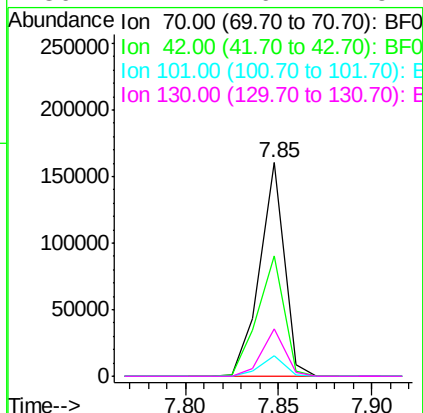
Ion Ratio Lower Upper

70 100

42 56.5 48.3 72.5

101 9.9 7.5 11.3

130 22.2 16.7 25.1



#20

3+4-Methylphenols

Concen: 41.84 ng

RT: 7.84 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Tgt Ion: 107 Resp: 210561

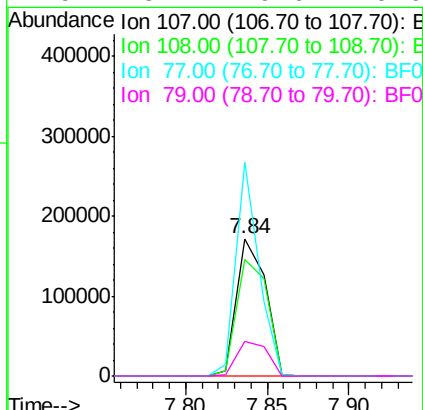
Ion Ratio Lower Upper

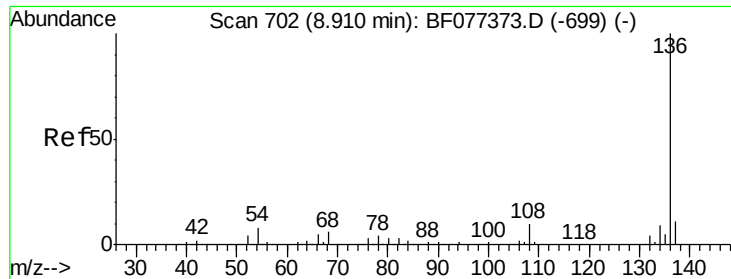
107 100

108 84.8 76.8 116.8

77 155.6 65.8 105.8#

79 25.4 9.6 49.6

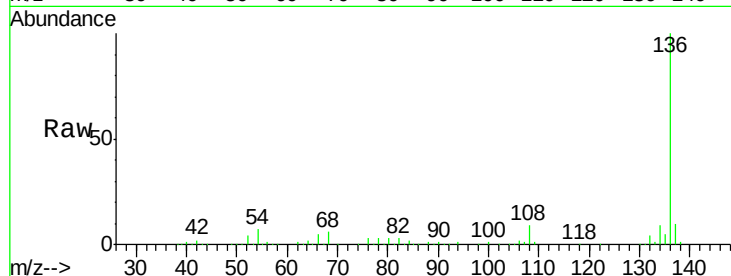




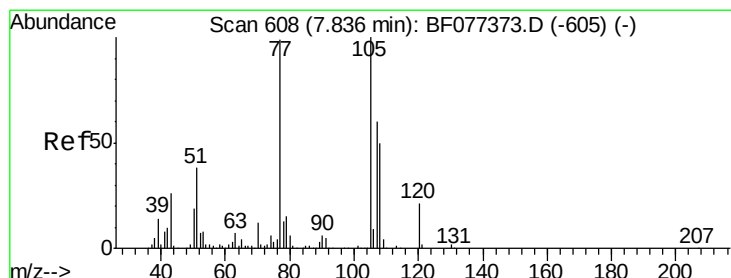
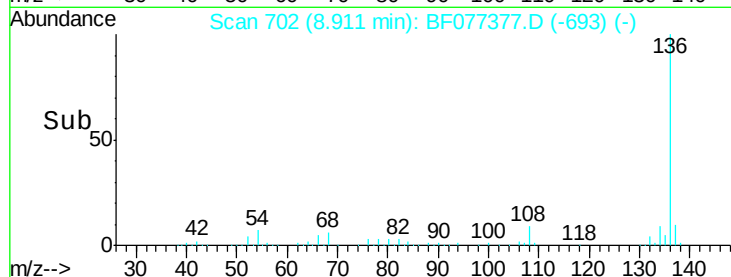
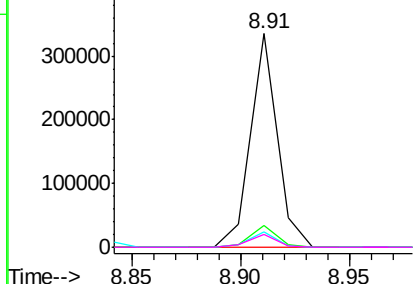
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.91 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Instrument :
BNA_F
ClientSampleId :
ICVBF021915

Tgt Ion:	136	Resp:	286536
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	7.3	6.2	9.4
68	6.0	5.0	7.6

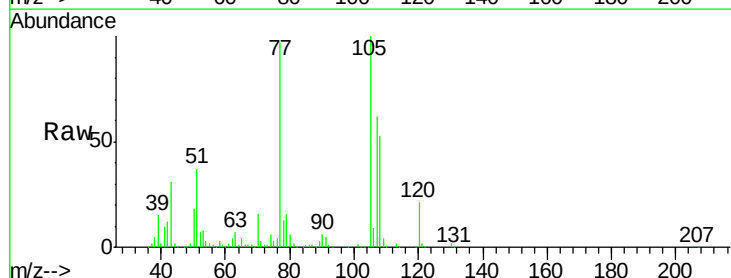


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

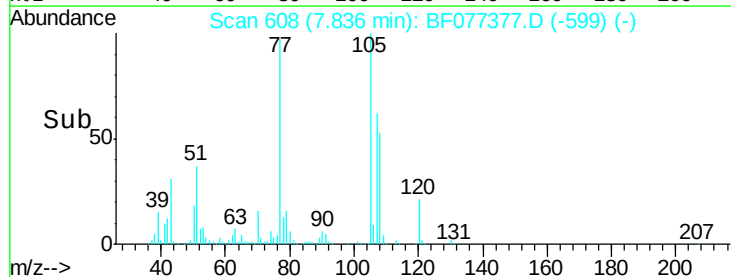
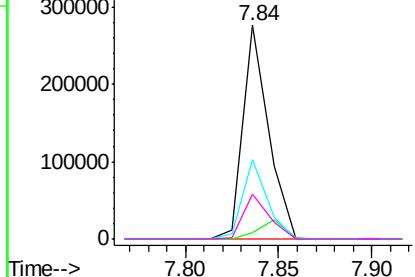


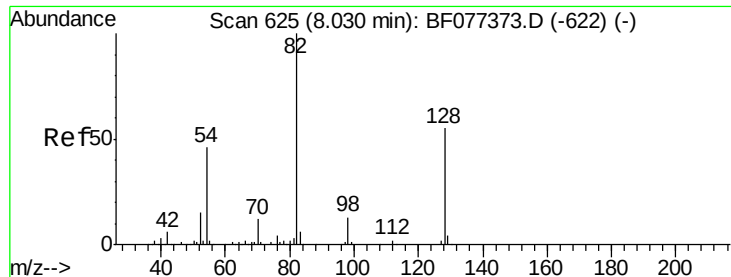
#22
Acetophenone
Concen: 38.92 ng
RT: 7.84 min Scan# 608
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion:	105	Resp:	262303
Ion	Ratio	Lower	Upper
105	100		
71	2.7	1.7	2.5#
51	37.4	30.7	46.1
120	20.8	16.7	25.1



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

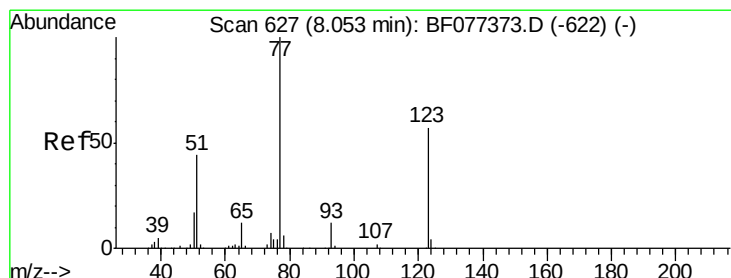
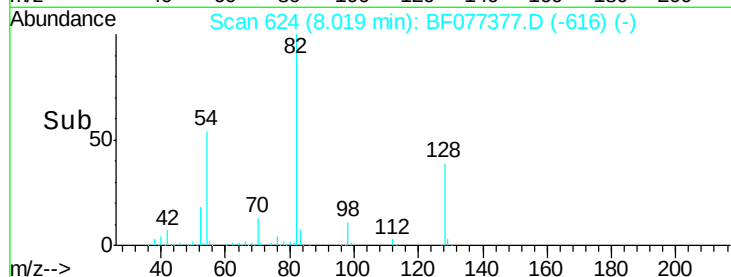
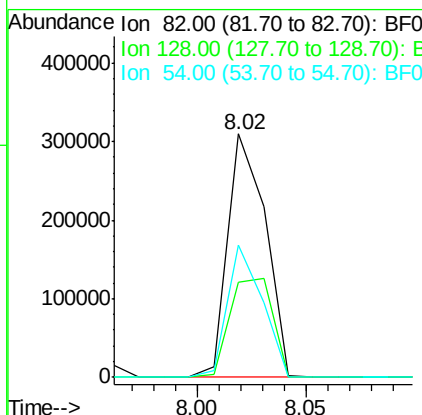
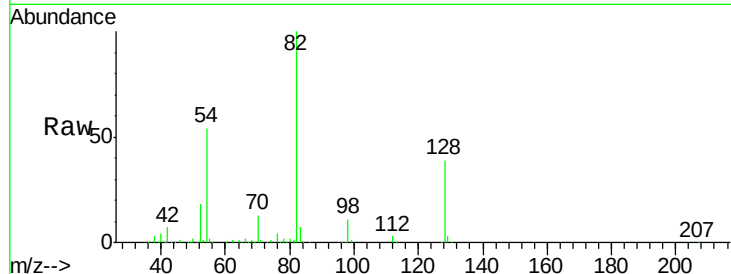




#23
 Nitrobenzene-d5
 Concen: 80.78 ng
 RT: 8.02 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

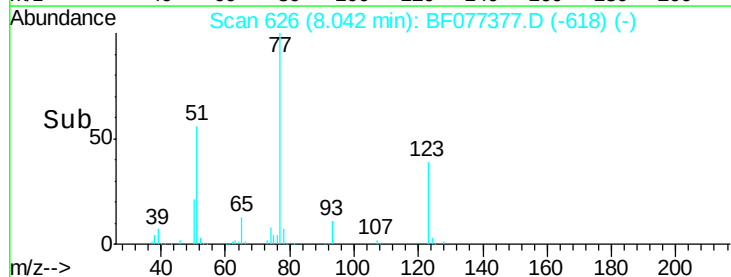
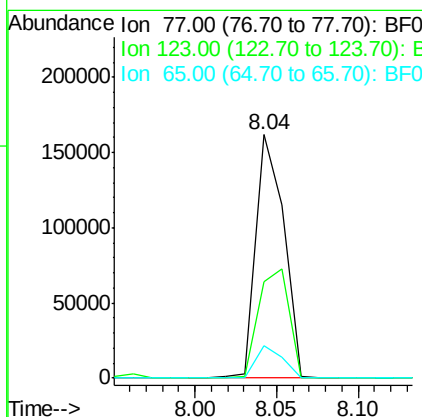
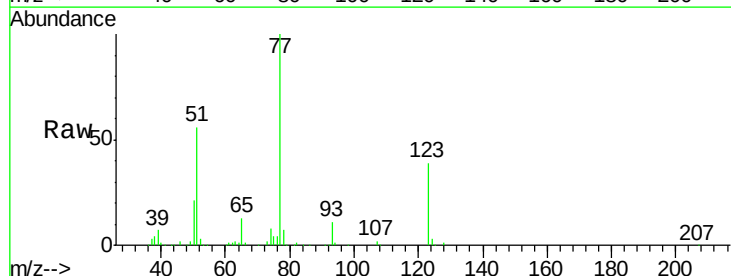
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021915

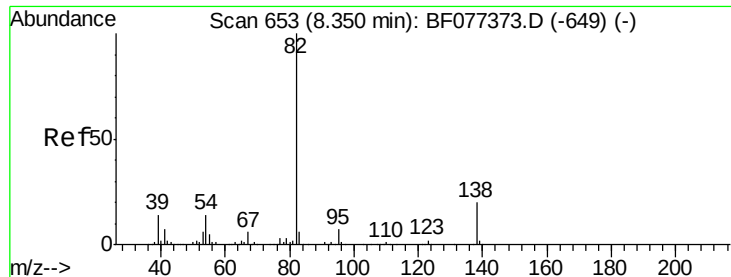
Tgt Ion: 82 Resp: 372240
 Ion Ratio Lower Upper
 82 100
 128 39.0 43.8 65.8#
 54 54.5 36.7 55.1



#24
 Nitrobenzene
 Concen: 39.91 ng
 RT: 8.04 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Tgt Ion: 77 Resp: 193462
 Ion Ratio Lower Upper
 77 100
 123 39.4 45.9 68.9#
 65 13.3 9.5 14.3





#25

Isophorone

Concen: 41.26 ng

RT: 8.35 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

ClientSampleId :

ICVBF021915

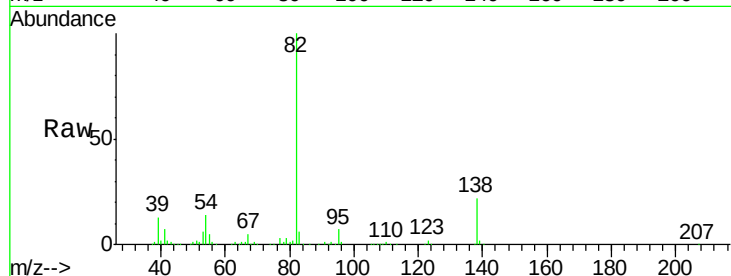
Tgt Ion: 82 Resp: 377178

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

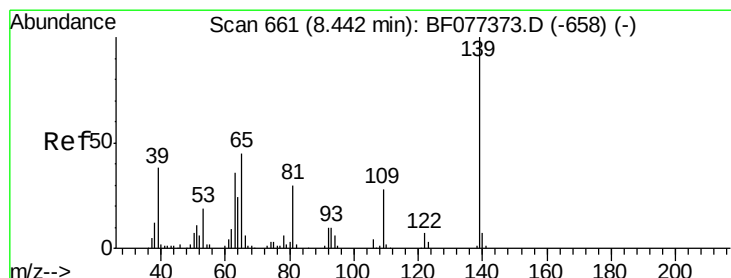
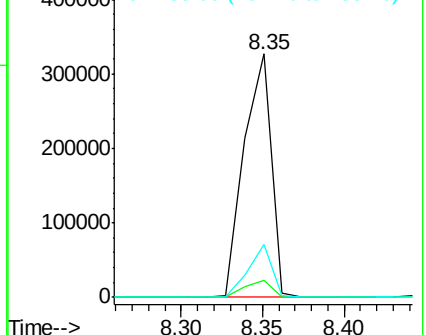
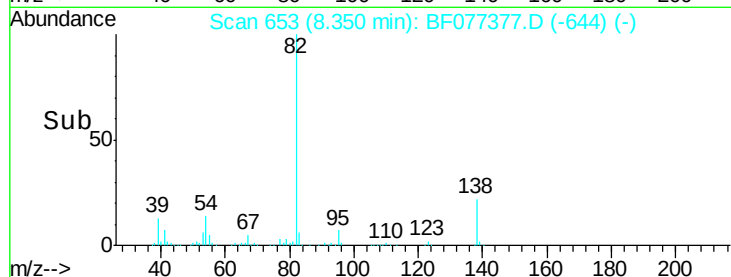
138 21.7 16.3 24.5



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: 40.87 ng

RT: 8.44 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

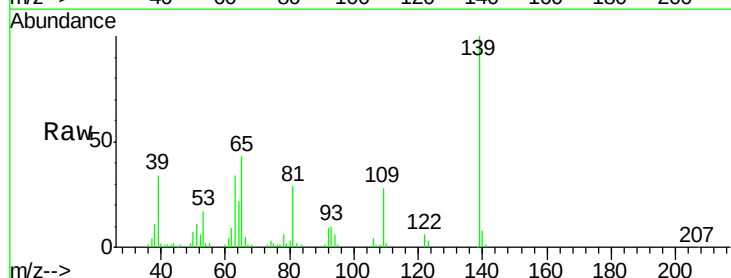
Tgt Ion: 139 Resp: 81210

Ion Ratio Lower Upper

139 100

109 28.3 22.6 34.0

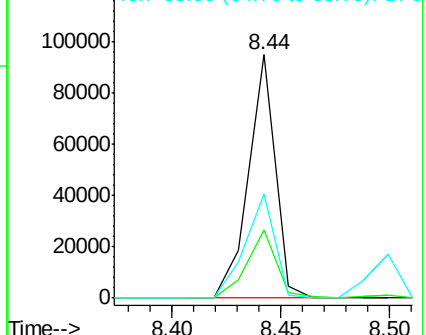
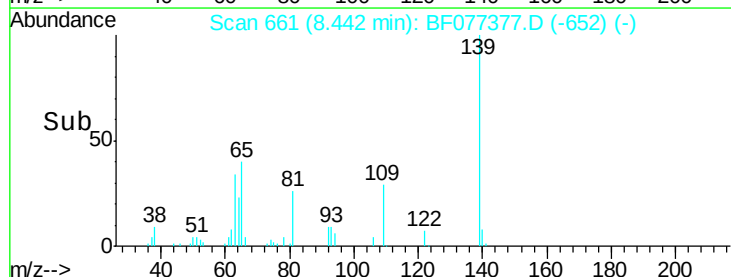
65 42.6 36.4 54.6

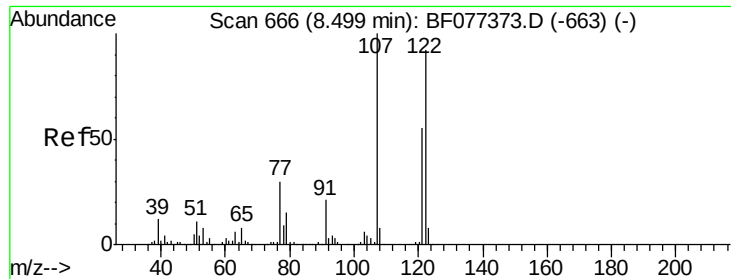


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

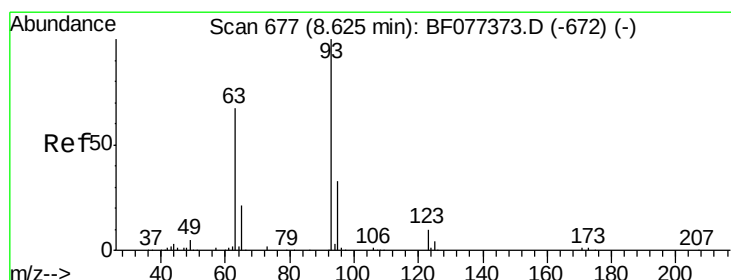
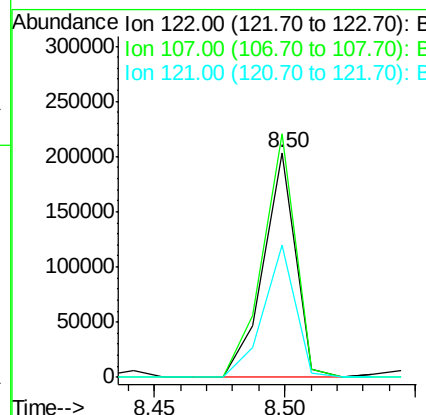
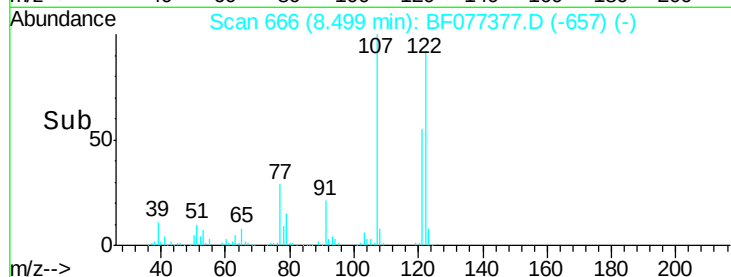
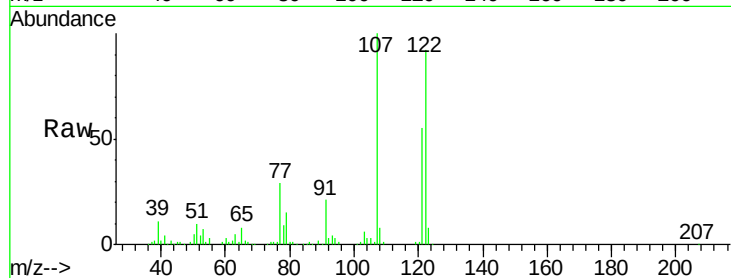




#27
2,4-Dimethylphenol
Concen: 39.77 ng
RT: 8.50 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

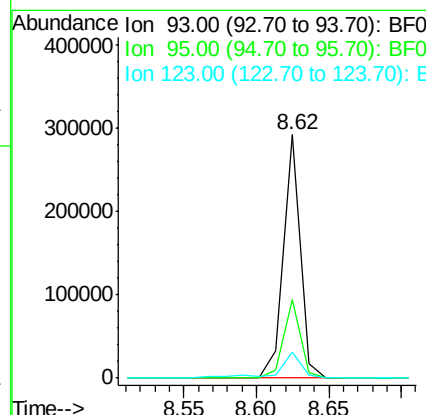
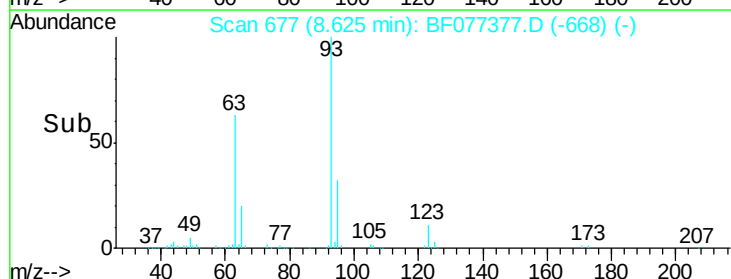
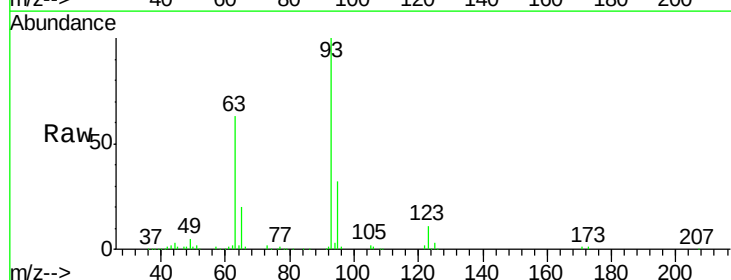
Instrument :
BNA_F
ClientSampleId :
ICVBF021915

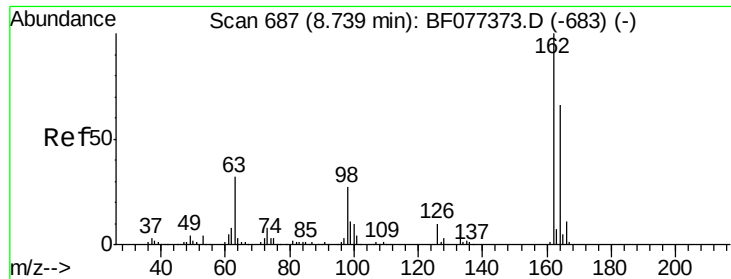
Tgt Ion	Ratio	Lower	Upper
122	100		
107	108.2	86.6	130.0
121	59.1	47.4	71.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.75 ng
RT: 8.62 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.4	39.6
123	10.8	8.7	13.1

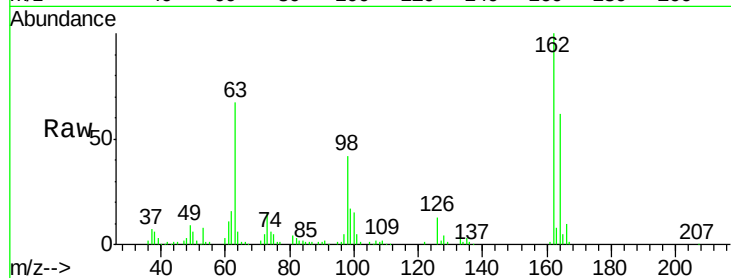




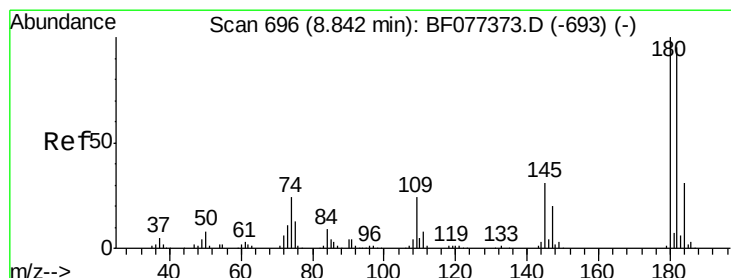
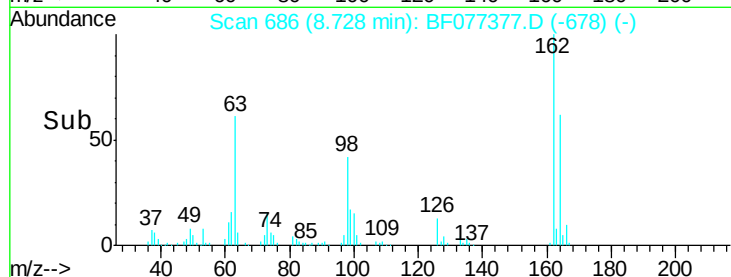
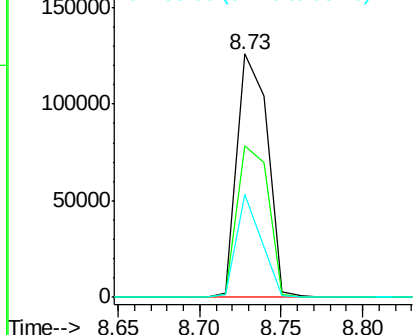
#29
2,4-Dichlorophenol
Concen: 38.73 ng
RT: 8.73 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Instrument :
BNA_F
ClientSampleId :
ICVBF021915

Tgt Ion:162 Resp: 161640
Ion Ratio Lower Upper
162 100
164 62.3 46.4 86.4
98 42.2 6.9 46.9

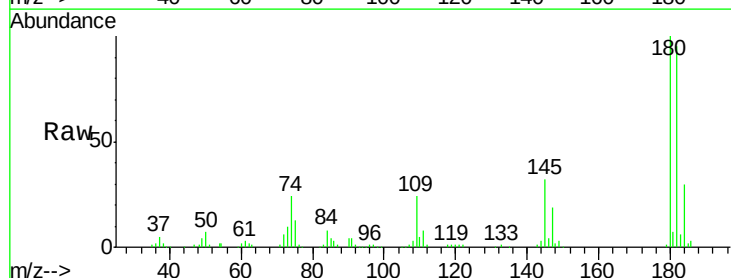


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

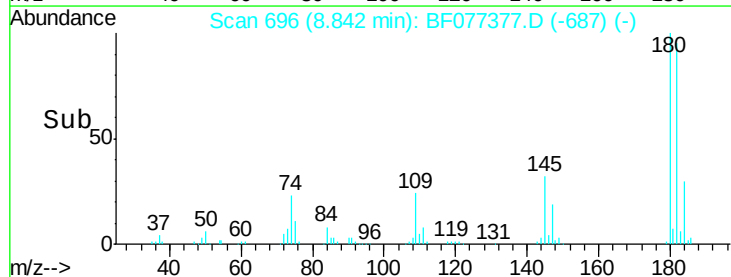
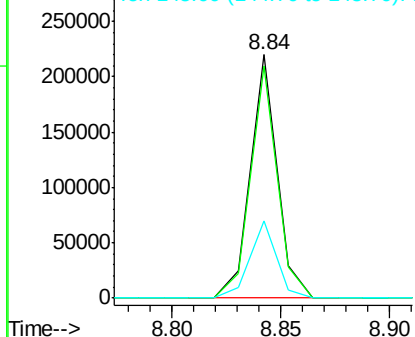


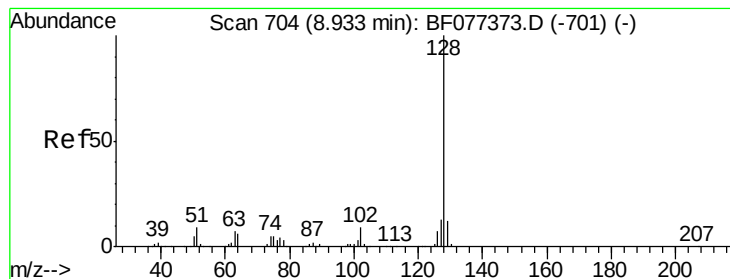
#30
1,2,4-Trichlorobenzene
Concen: 40.89 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion:180 Resp: 187576
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.4
145 31.6 24.5 36.7



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: 42.08 ng

RT: 8.93 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

ClientSampleId :

ICVBF021915

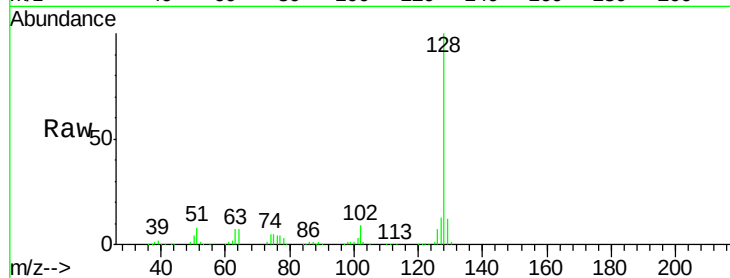
Tgt Ion:128 Resp: 602938

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

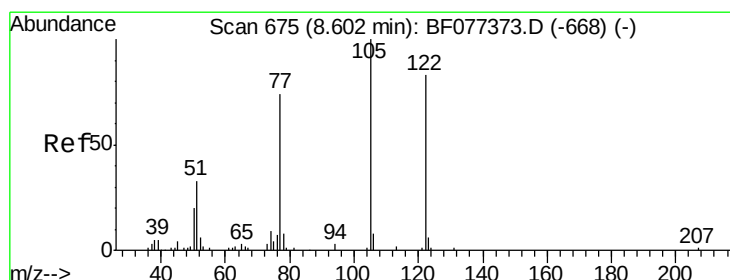
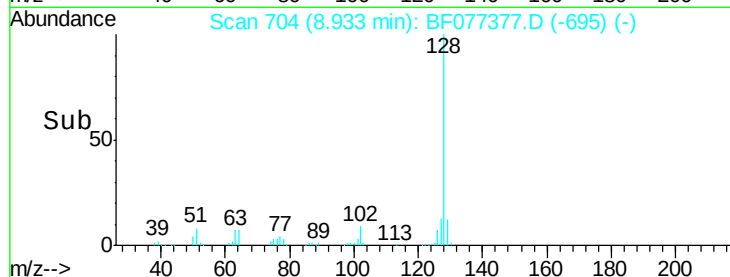
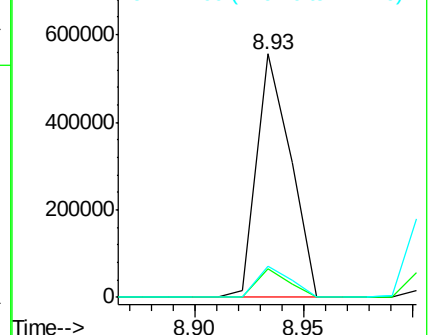
127 13.0 10.6 15.8



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: 44.24 ng

RT: 8.59 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

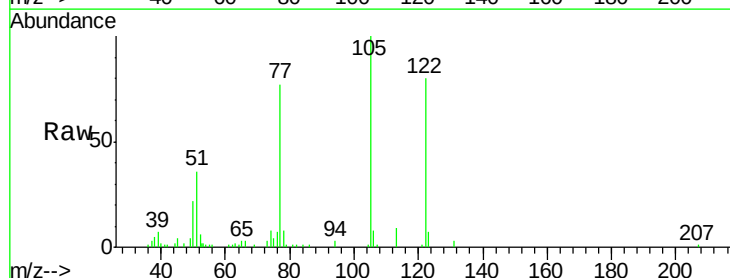
Tgt Ion:122 Resp: 95564

Ion Ratio Lower Upper

122 100

105 124.8 100.3 140.3

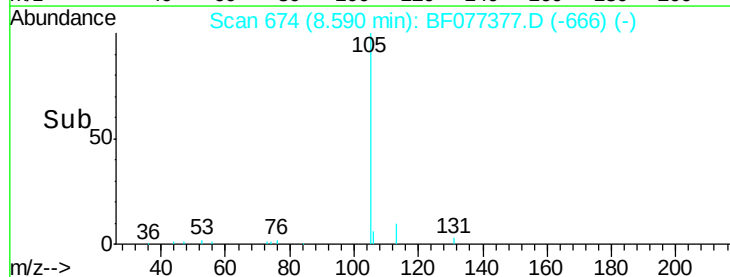
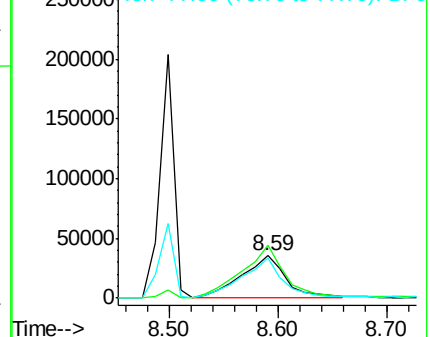
77 96.4 68.7 108.7

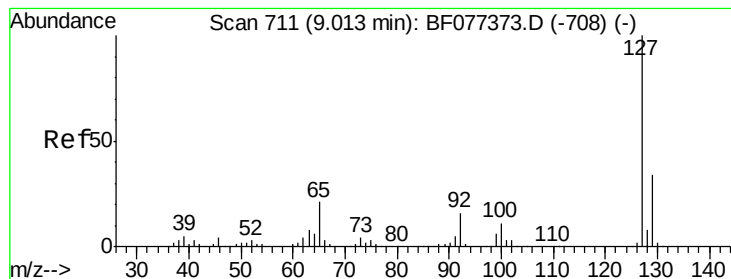


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 38.87 ng

RT: 9.00 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

ClientSampleId :

ICVBF021915

Tgt Ion:127 Resp: 247612

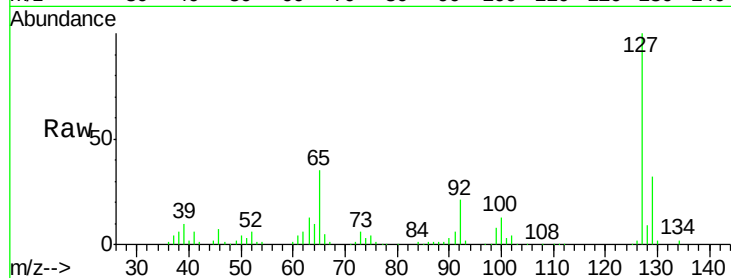
Ion Ratio Lower Upper

127 100

129 31.9 26.9 40.3

65 34.9 16.7 25.1#

92 20.8 12.5 18.7#

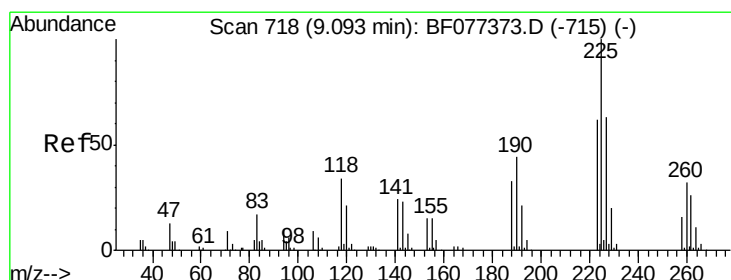
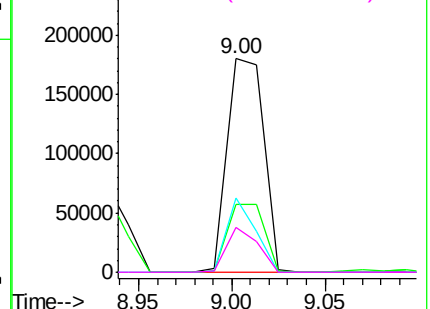
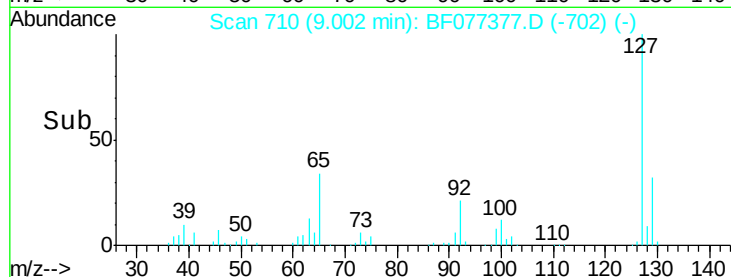


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.96 ng

RT: 9.09 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

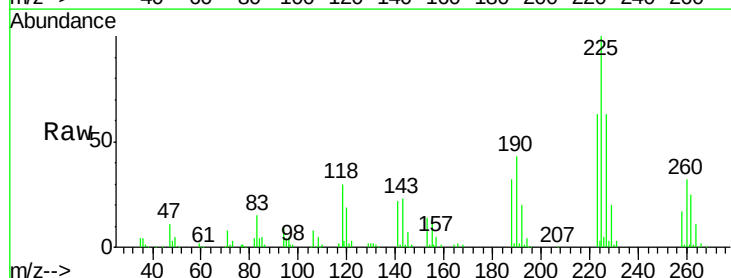
Tgt Ion:225 Resp: 112528

Ion Ratio Lower Upper

225 100

223 63.2 49.5 74.3

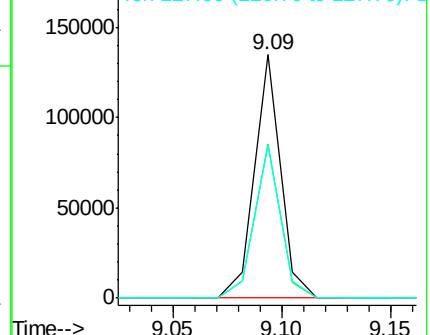
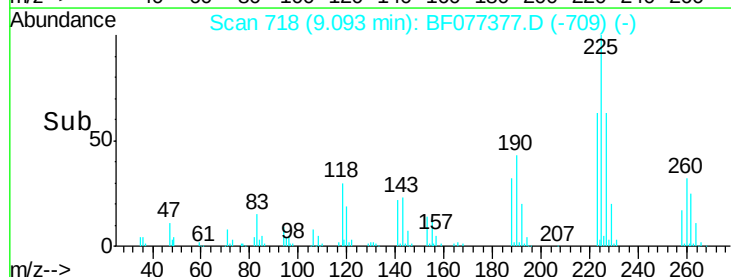
227 62.7 50.5 75.7

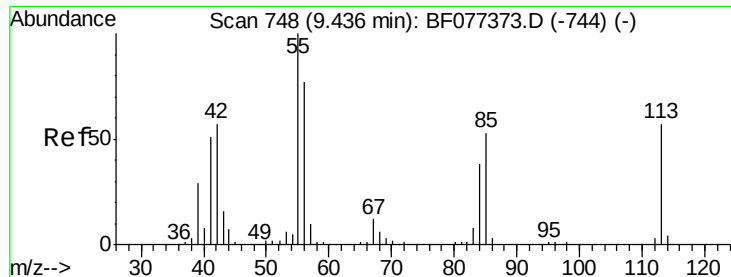


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

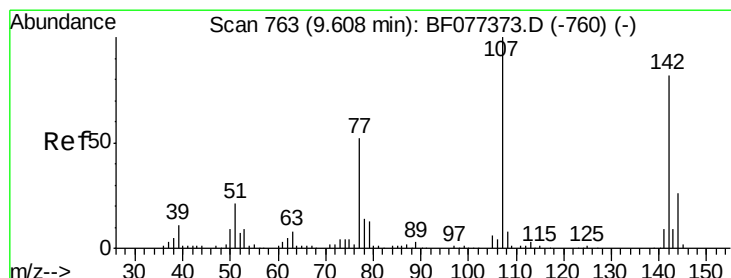
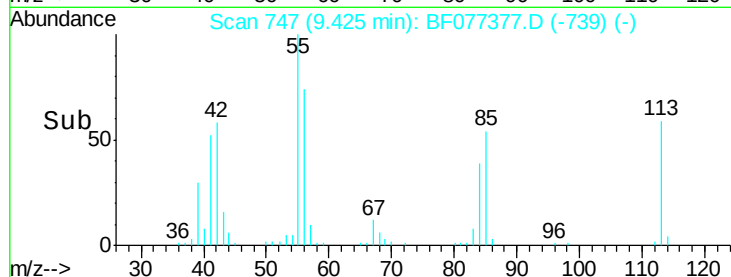
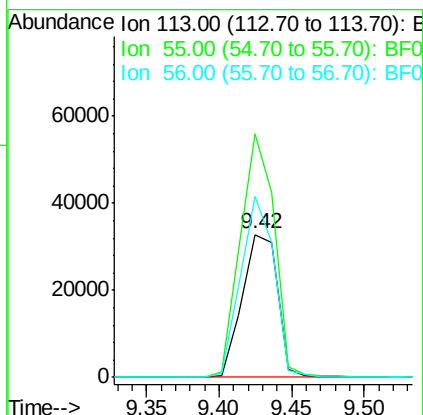
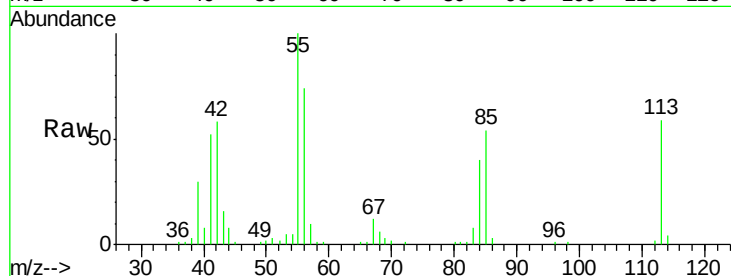




#35
 Caprolactam
 Concen: 43.38 ng
 RT: 9.42 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

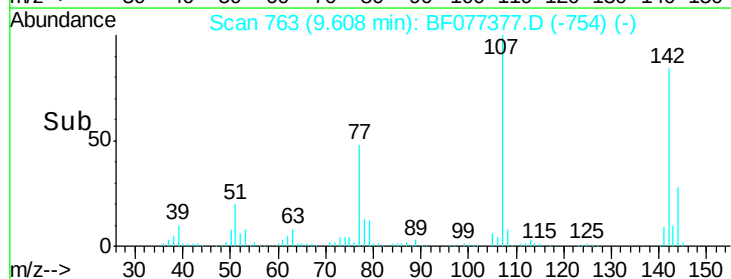
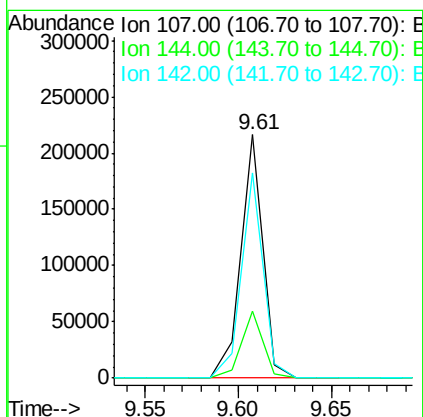
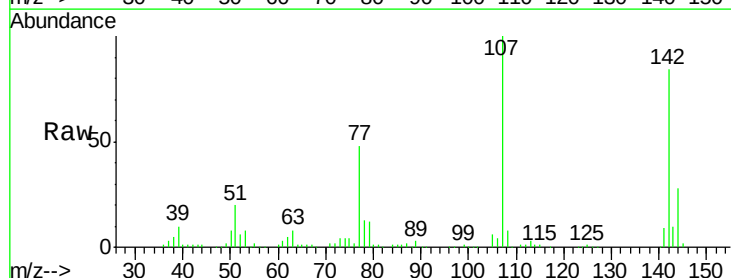
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021915

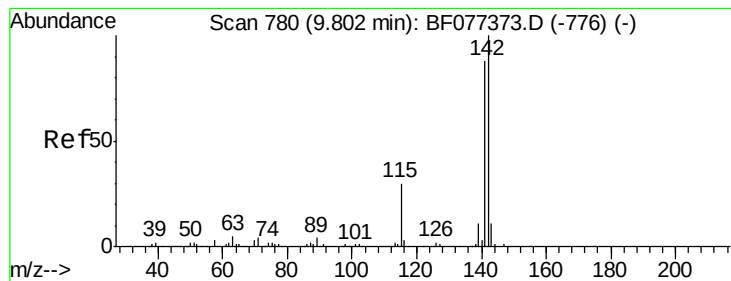
Tgt Ion:113 Resp: 55262
 Ion Ratio Lower Upper
 113 100
 55 170.8 154.6 194.6
 56 126.8 114.0 154.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.79 ng
 RT: 9.61 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Tgt Ion:107 Resp: 179512
 Ion Ratio Lower Upper
 107 100
 144 27.5 21.1 31.7
 142 84.3 65.3 97.9

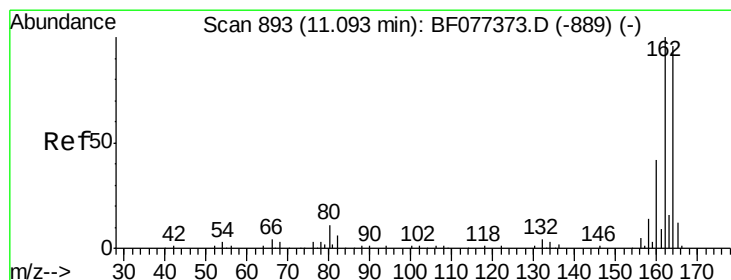
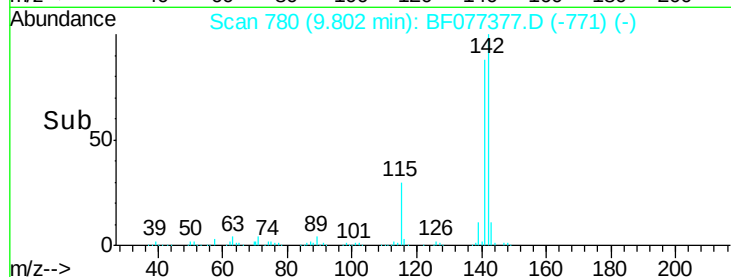
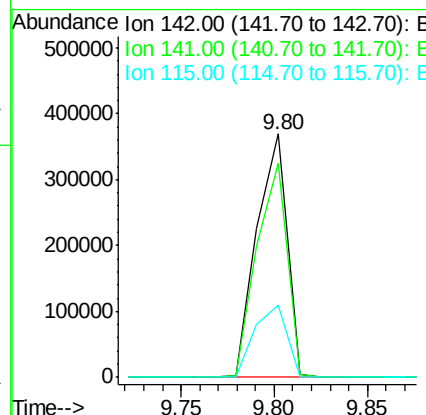
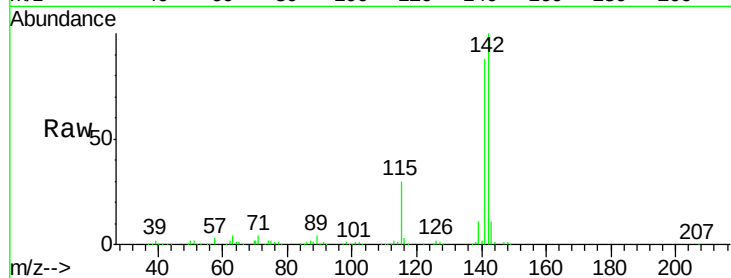




#37
 2-Methylnaphthalene
 Concen: 40.65 ng
 RT: 9.80 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

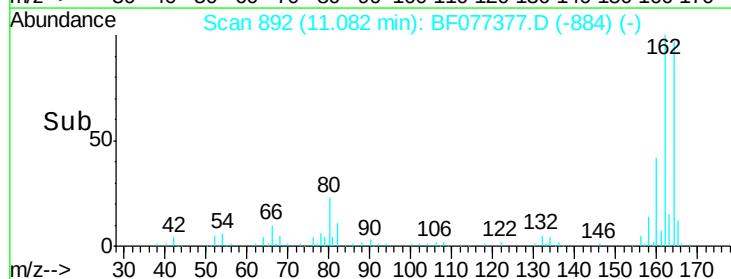
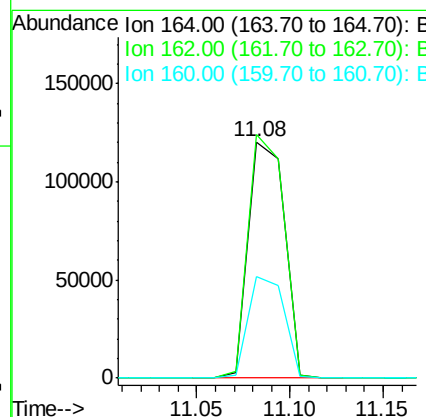
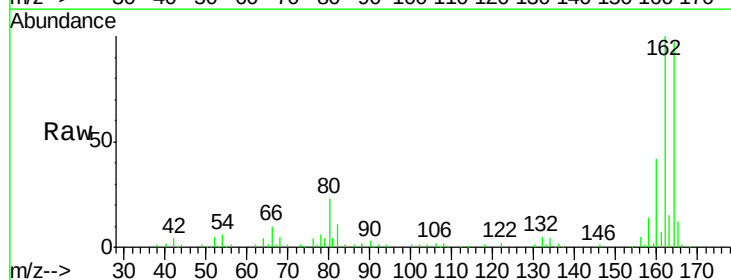
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021915

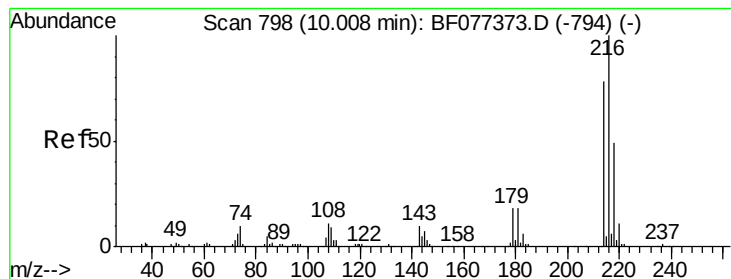
Tgt Ion:142 Resp: 413614
 Ion Ratio Lower Upper
 142 100
 141 87.8 70.7 106.1
 115 29.7 24.2 36.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Tgt Ion:164 Resp: 162153
 Ion Ratio Lower Upper
 164 100
 162 103.0 83.2 124.8
 160 43.0 34.6 52.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.98 ng

RT: 10.01 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

ClientSampleId :

ICVBF021915

Tgt Ion:216 Resp: 181350

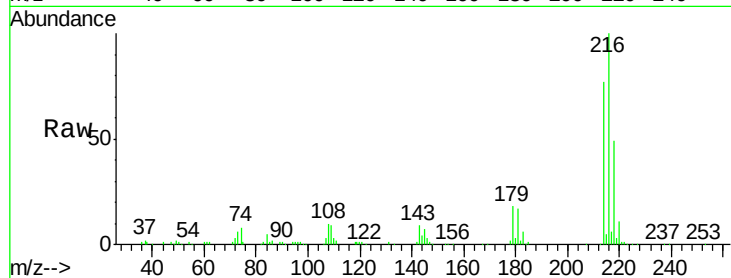
Ion Ratio Lower Upper

216 100

214 78.1 63.4 95.0

179 21.0 16.6 25.0

108 18.5 14.2 21.4

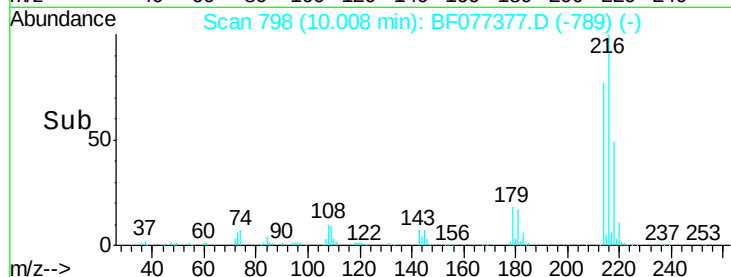


Abundance Ion 216.00 (215.70 to 216.70): E

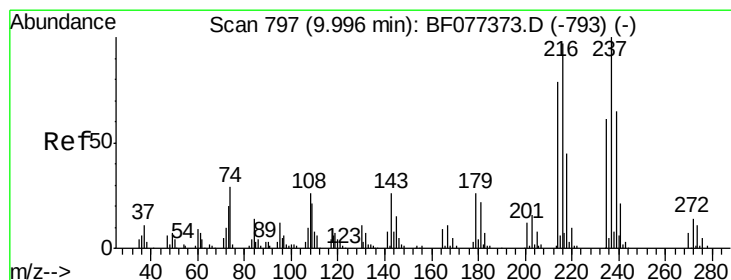
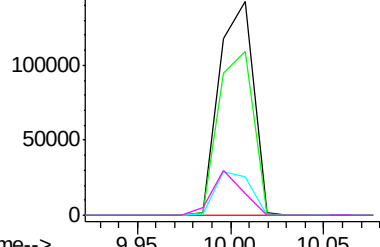
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 36.79 ng

RT: 9.98 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

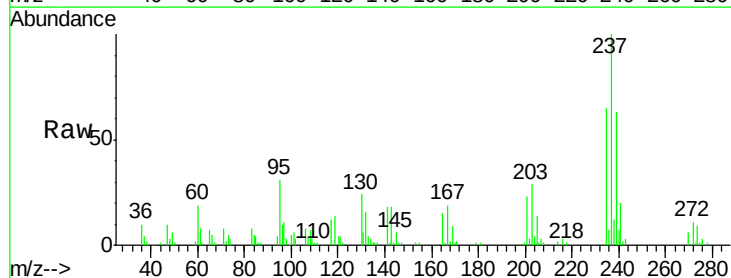
Tgt Ion:237 Resp: 91772

Ion Ratio Lower Upper

237 100

235 65.3 41.0 81.0

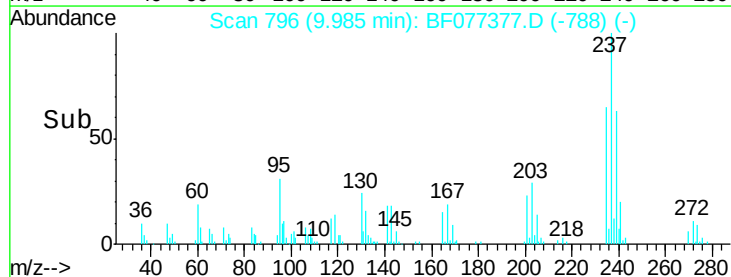
272 10.9 0.0 34.3



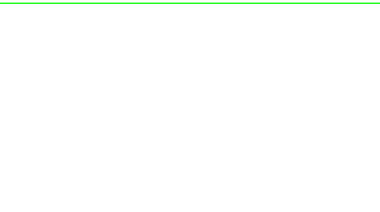
Abundance Ion 236.80 (236.50 to 237.50): E

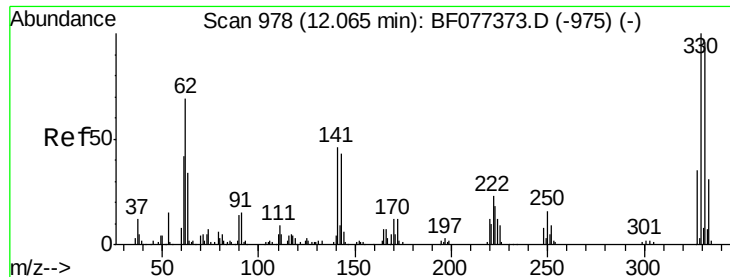
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

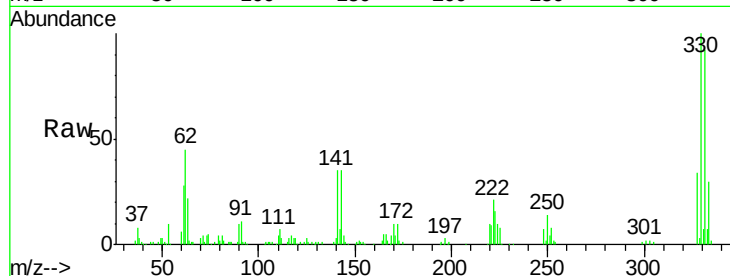




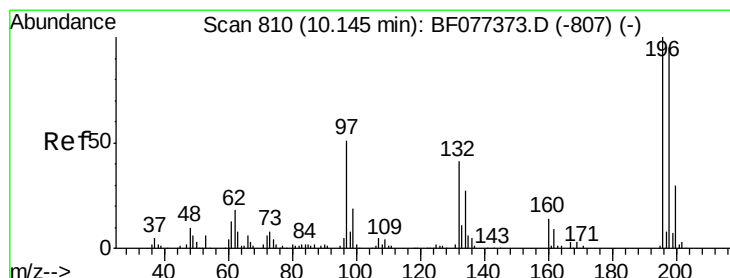
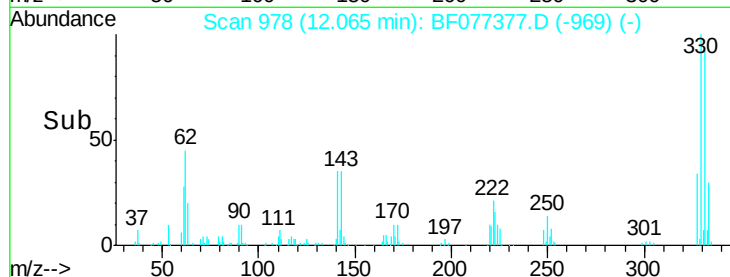
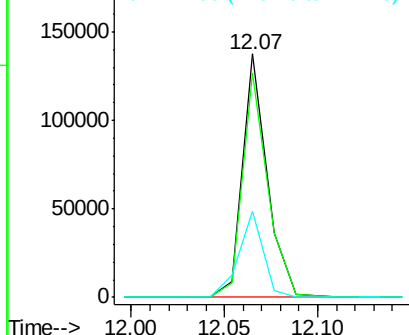
#41
 2,4,6-Tribromophenol
 Concen: 81.77 ng
 RT: 12.07 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021915

Tgt Ion:330 Resp: 127676
 Ion Ratio Lower Upper
 330 100
 332 93.4 77.4 116.2
 141 35.4 28.8 43.2

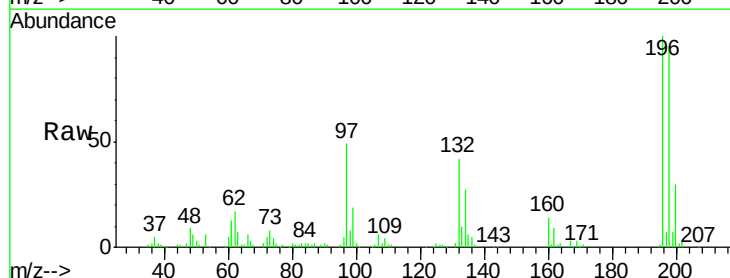


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

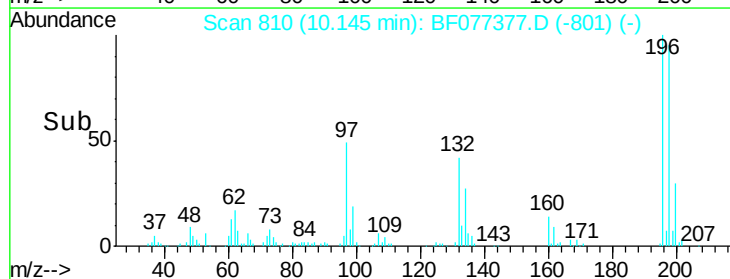
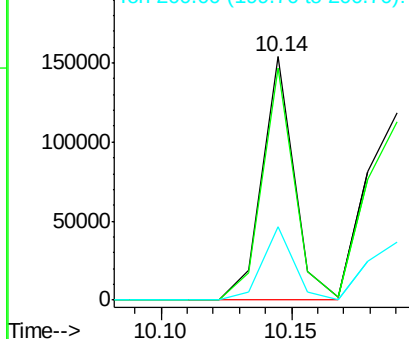


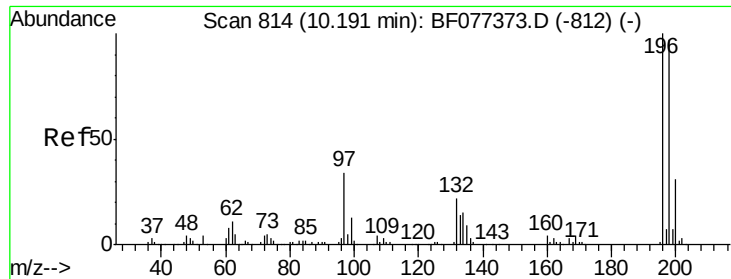
#42
 2,4,6-Trichlorophenol
 Concen: 42.83 ng
 RT: 10.14 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Tgt Ion:196 Resp: 131955
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.8 113.8
 200 30.3 24.2 36.4



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

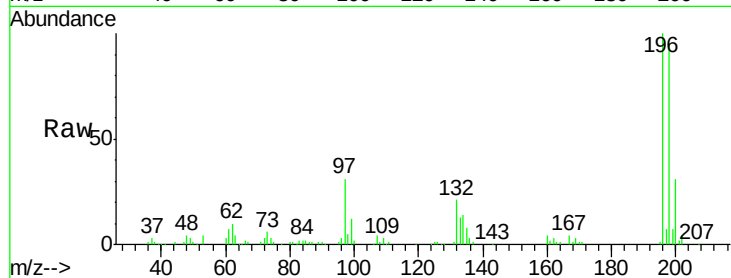




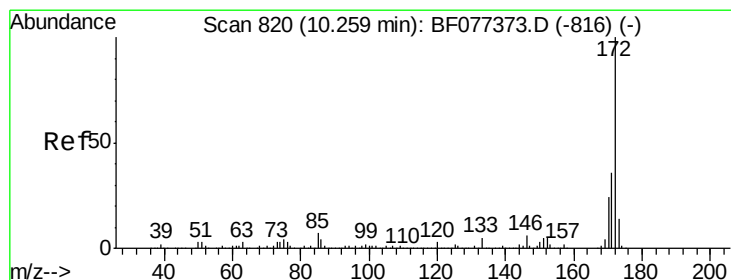
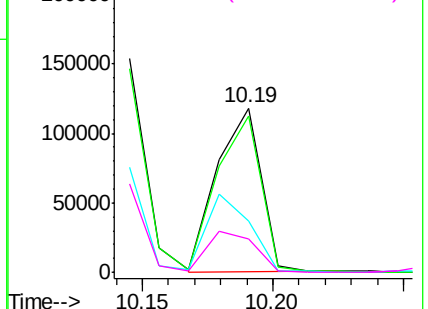
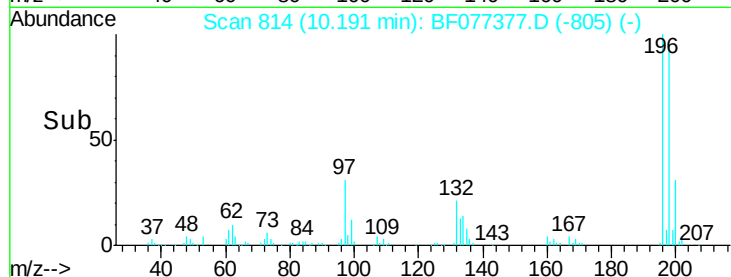
#43
2,4,5-Trichlorophenol
Concen: 42.30 ng
RT: 10.19 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Instrument :
BNA_F
ClientSampleId :
ICVBF021915

Tgt Ion:196 Resp: 139369
Ion Ratio Lower Upper
196 100
198 95.4 77.2 115.8
97 30.9 27.7 41.5
132 20.6 18.0 27.0

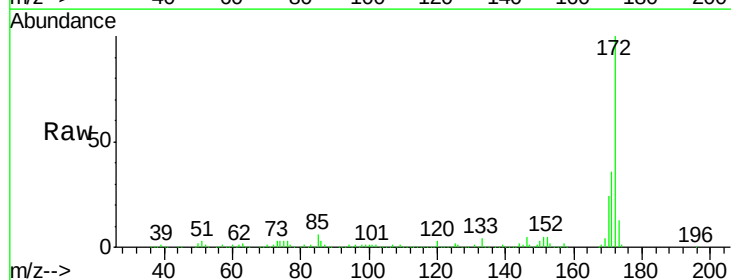


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

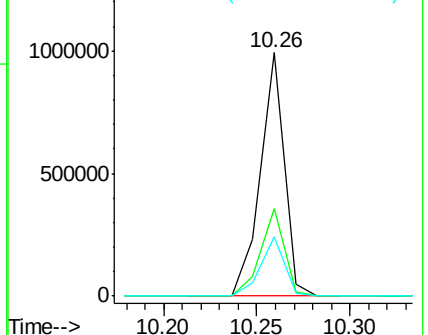
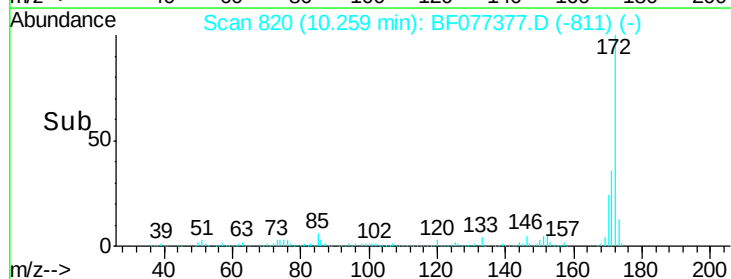


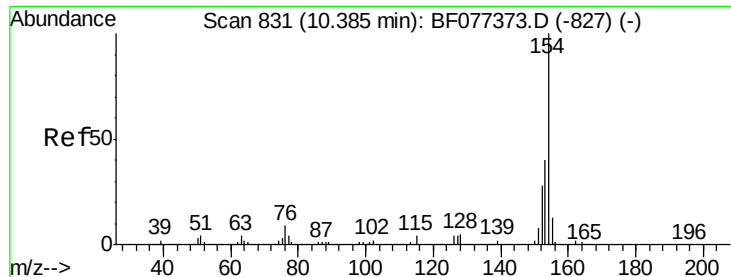
#44
2-Fluorobiphenyl
Concen: 84.08 ng
RT: 10.26 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion:172 Resp: 874373
Ion Ratio Lower Upper
172 100
171 35.9 28.9 43.3
170 24.1 19.4 29.2



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

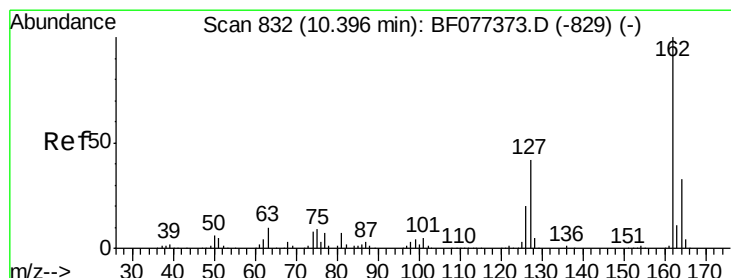
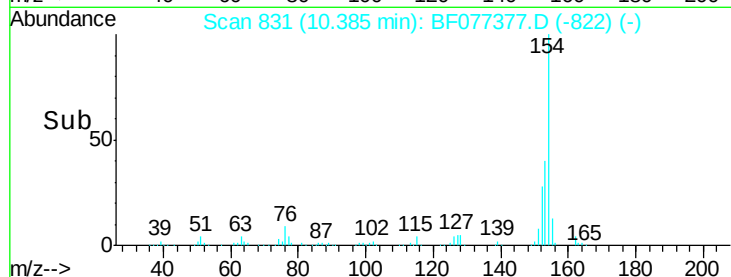
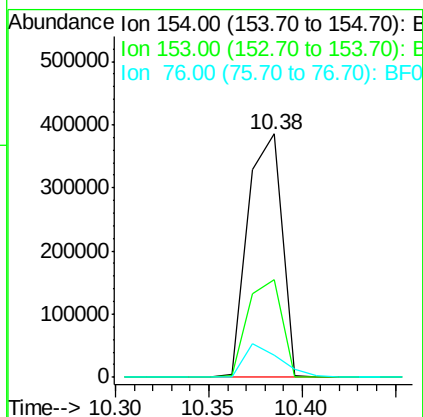
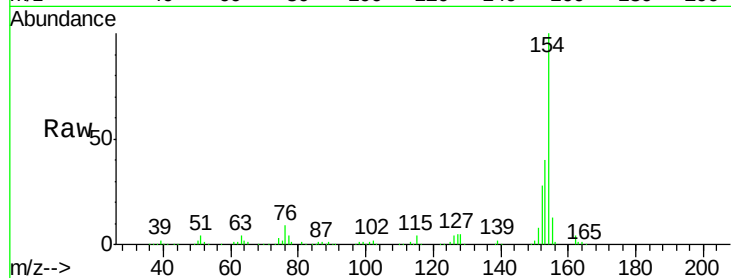




#45
 1,1'-Biphenyl
 Concen: 40.36 ng
 RT: 10.38 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

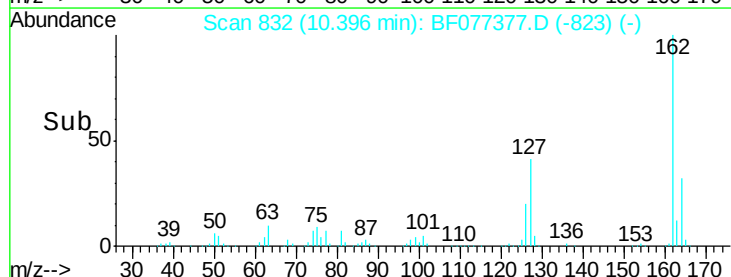
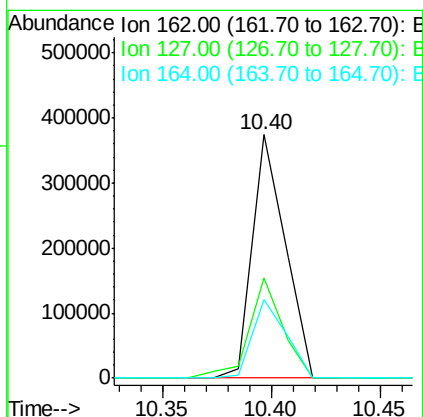
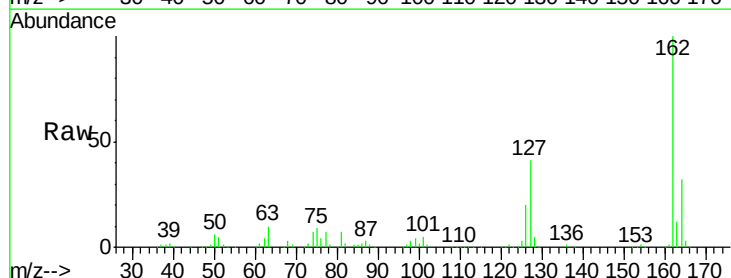
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021915

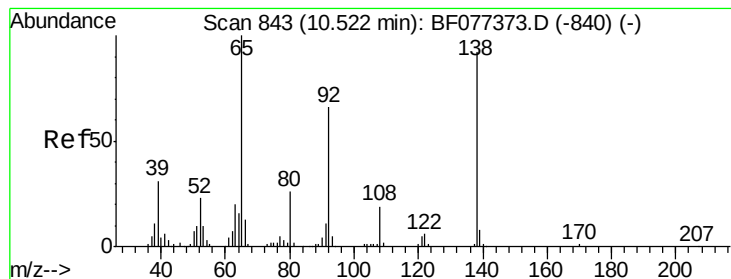
Tgt Ion:154 Resp: 495830
 Ion Ratio Lower Upper
 154 100
 153 39.9 20.2 60.2
 76 9.1 0.0 29.4



#46
 2-Chloronaphthalene
 Concen: 40.94 ng
 RT: 10.40 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Tgt Ion:162 Resp: 394415
 Ion Ratio Lower Upper
 162 100
 127 41.2 33.3 49.9
 164 32.4 26.2 39.4





#47

2-Nitroaniline

Concen: 42.18 ng

RT: 10.52 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

ClientSampleId :

ICVBF021915

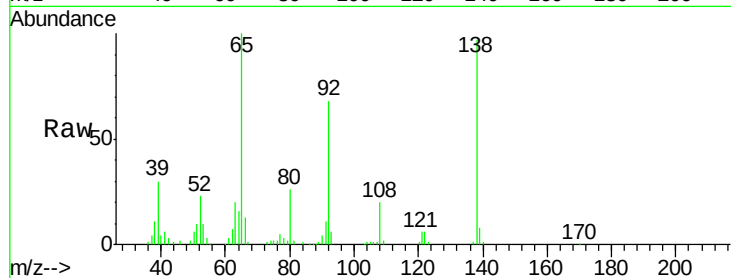
Tgt Ion: 65 Resp: 100040

Ion Ratio Lower Upper

65 100

92 67.5 52.4 78.6

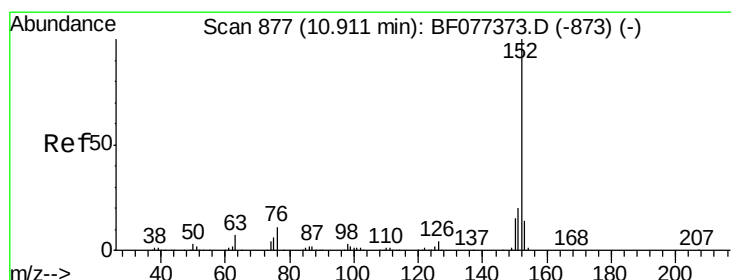
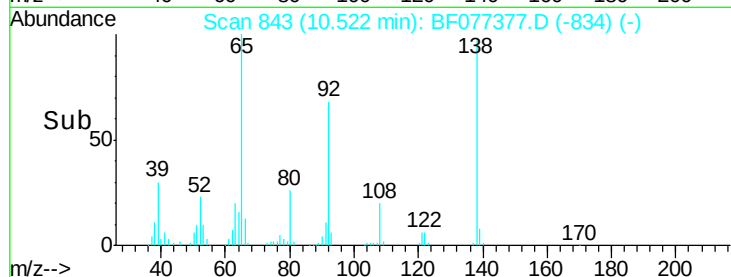
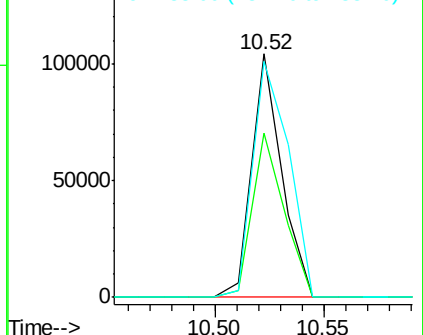
138 96.9 73.4 110.0



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 44.10 ng

RT: 10.91 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

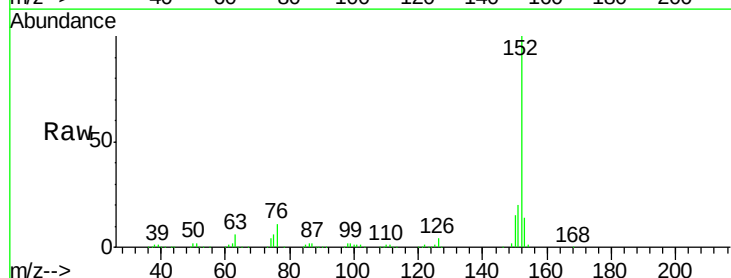
Tgt Ion: 152 Resp: 672682

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

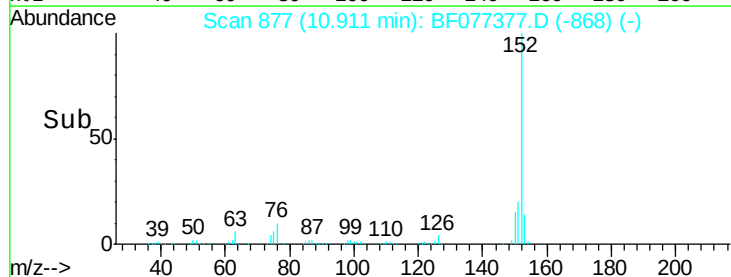
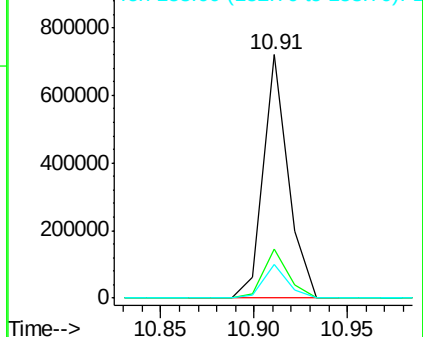
153 13.6 10.9 16.3

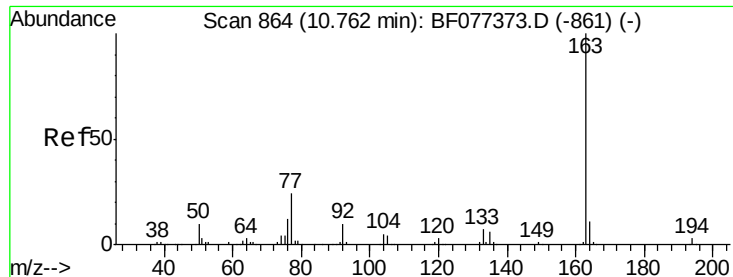


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

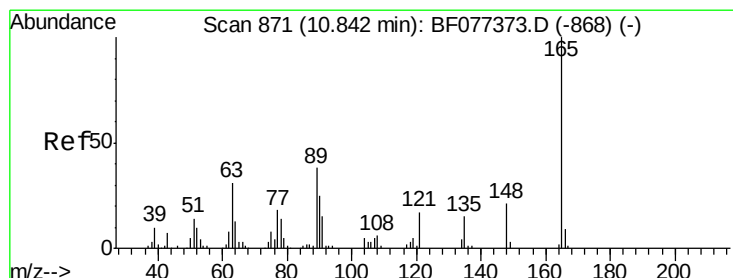
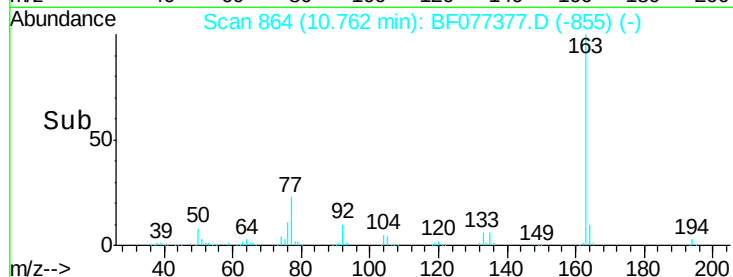
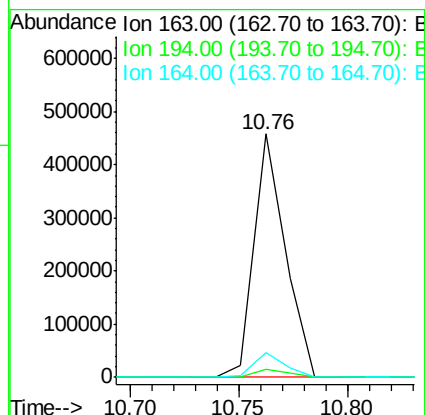
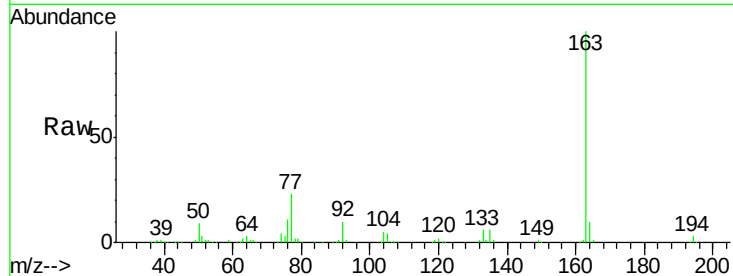




#49
Dimethylphthalate
Concen: 40.24 ng
RT: 10.76 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

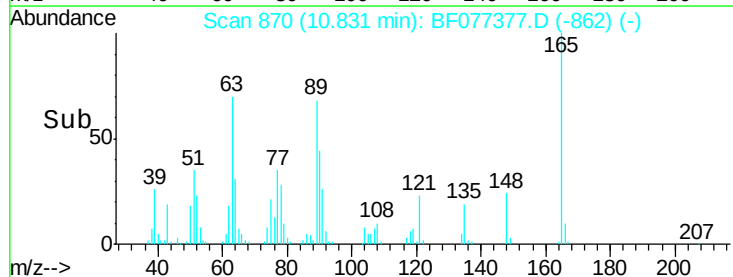
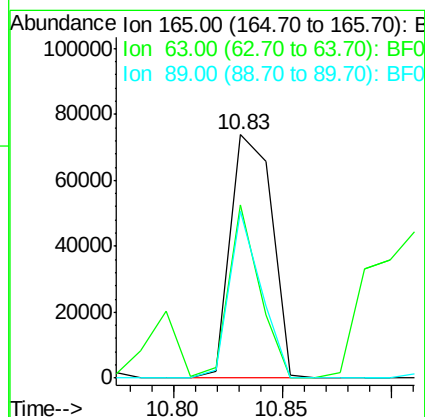
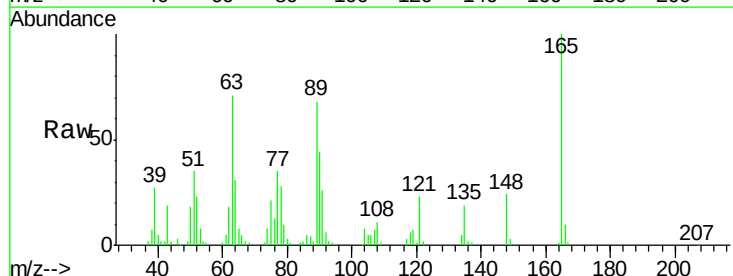
Instrument :
BNA_F
ClientSampleId :
ICVBF021915

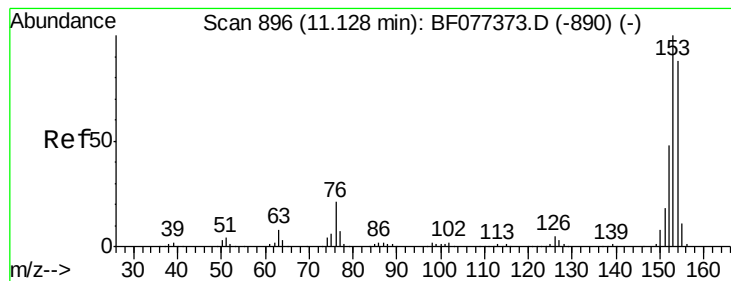
Tgt Ion:163 Resp: 458637
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.4 8.6 13.0



#50
2,6-Dinitrotoluene
Concen: 42.76 ng
RT: 10.83 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion:165 Resp: 97731
Ion Ratio Lower Upper
165 100
63 71.0 25.2 37.8#
89 68.3 30.5 45.7#





#51

Acenaphthene

Concen: 44.04 ng

RT: 11.13 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

ClientSampleId :

ICVBF021915

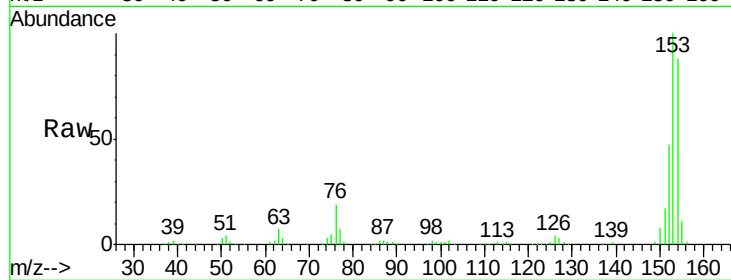
Tgt Ion:154 Resp: 400803

Ion Ratio Lower Upper

154 100

153 113.9 90.5 135.7

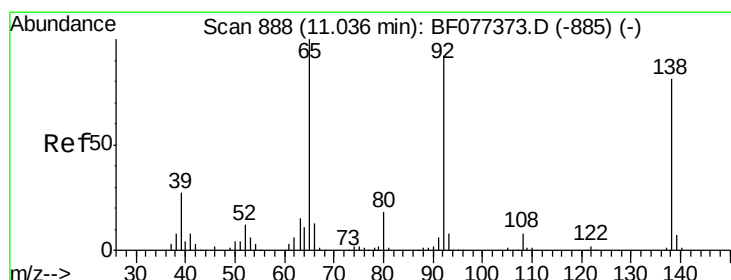
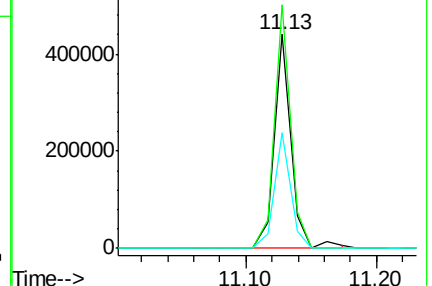
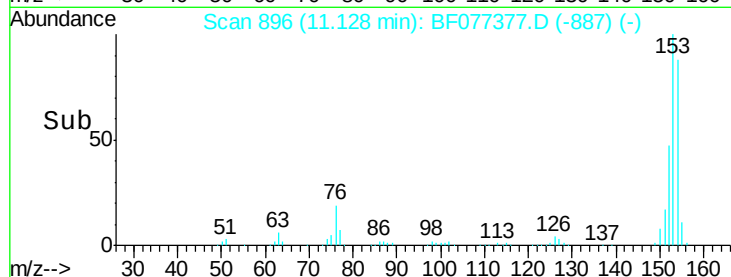
152 54.0 43.5 65.3



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: 46.04 ng

RT: 11.04 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

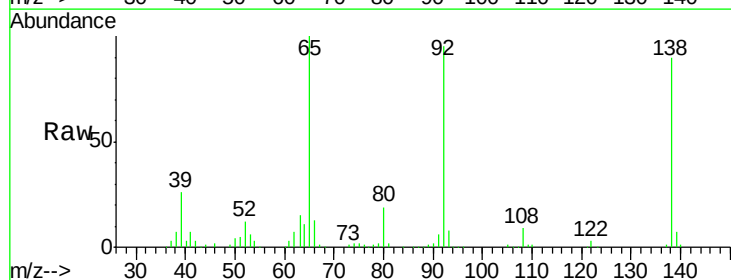
Tgt Ion:138 Resp: 121323

Ion Ratio Lower Upper

138 100

108 10.2 7.8 11.8

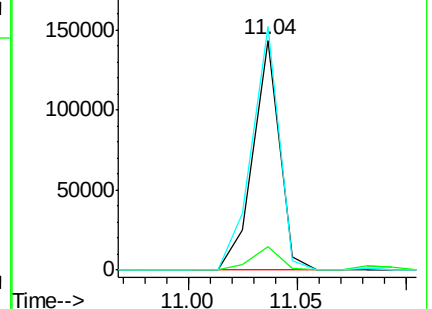
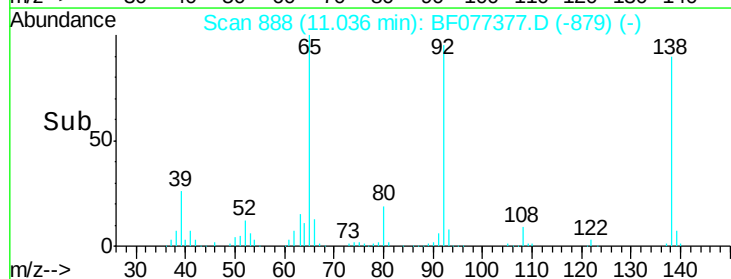
92 105.8 90.6 135.8

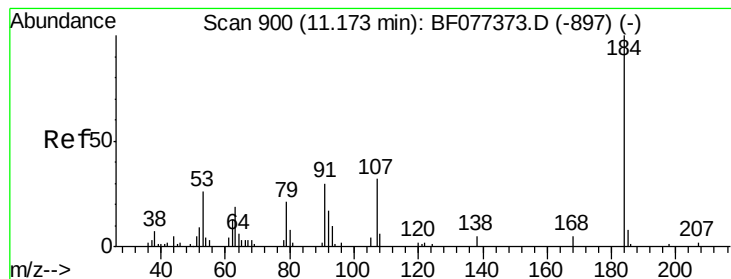


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 37.79 ng

RT: 11.16 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

ClientSampleId :

ICVBF021915

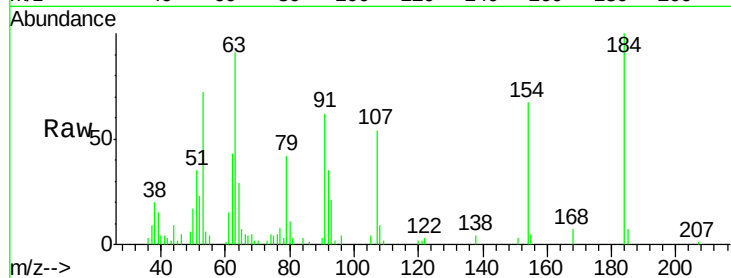
Tgt Ion:184 Resp: 26285

Ion Ratio Lower Upper

184 100

63 90.8 29.5 44.3#

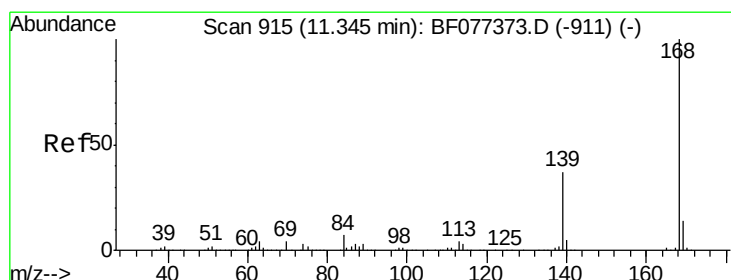
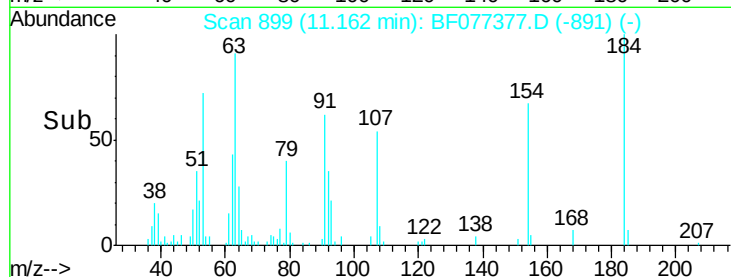
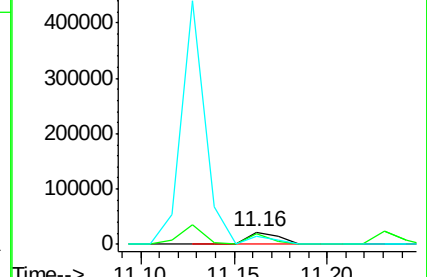
154 66.8 43.2 64.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 42.08 ng

RT: 11.35 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

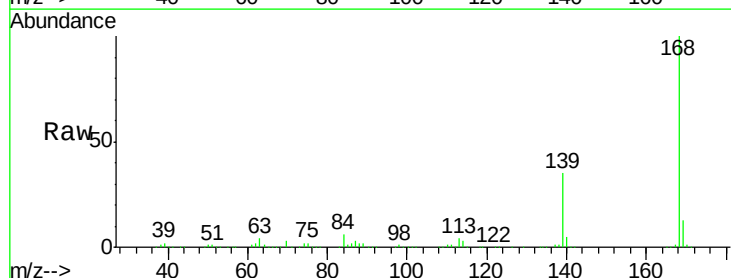
Tgt Ion:168 Resp: 591409

Ion Ratio Lower Upper

168 100

139 35.0 29.3 43.9

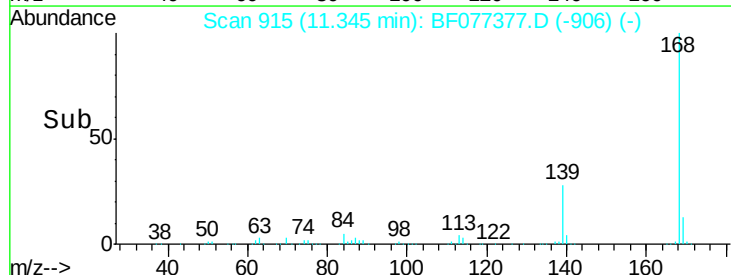
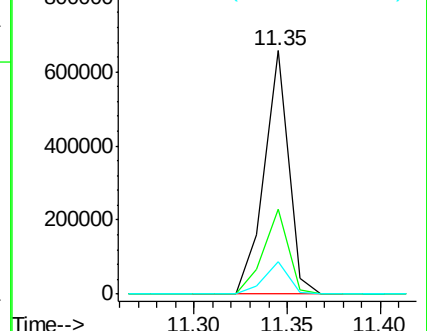
169 13.4 10.9 16.3

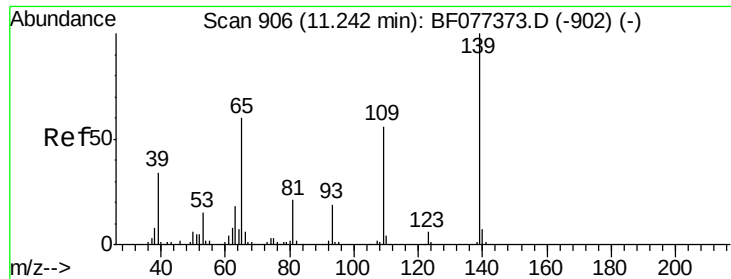


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

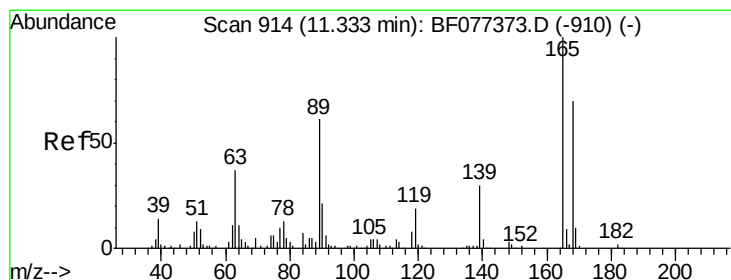
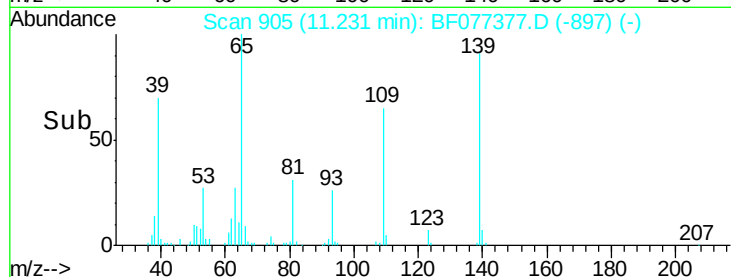
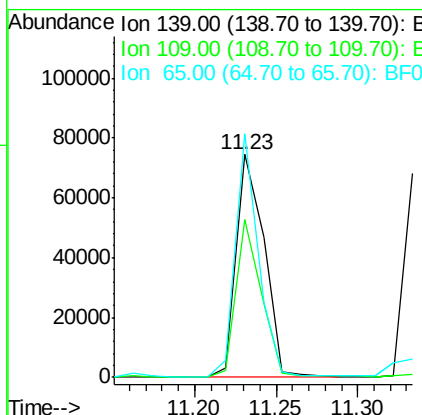
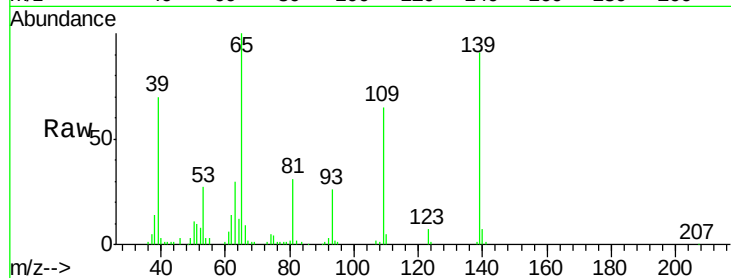




#55
4-Nitrophenol
Concen: 41.29 ng
RT: 11.23 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

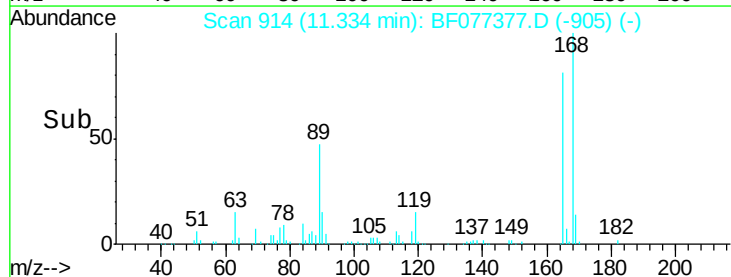
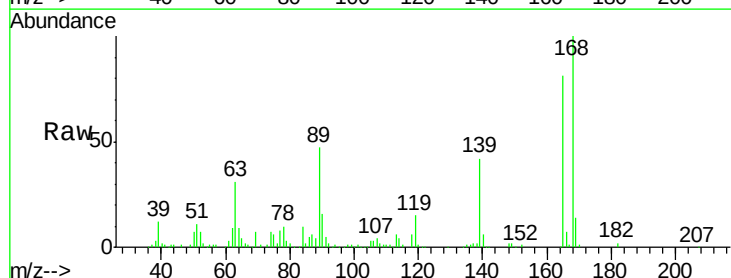
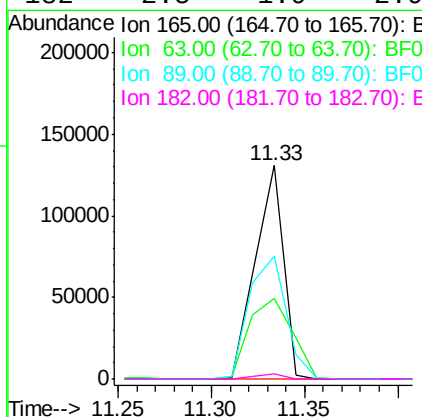
Instrument :
BNA_F
ClientSampleId :
ICVBF021915

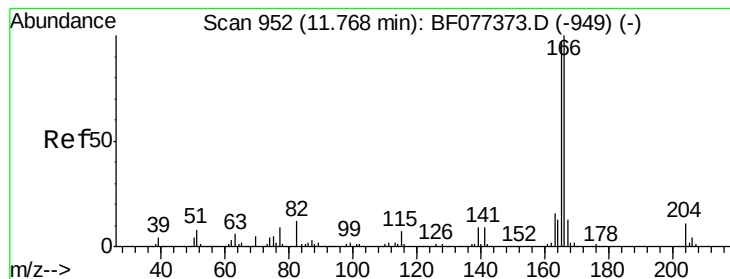
Tgt Ion:139 Resp: 87522
Ion Ratio Lower Upper
139 100
109 71.0 36.2 76.2
65 109.3 40.3 80.3#



#56
2,4-Dinitrotoluene
Concen: 44.09 ng
RT: 11.33 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion:165 Resp: 136187
Ion Ratio Lower Upper
165 100
63 37.9 29.8 44.8
89 57.4 48.5 72.7
182 2.5 1.9 2.9





#57

Fluorene

Concen: 43.24 ng

RT: 11.77 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

ClientSampleId :

ICVBF021915

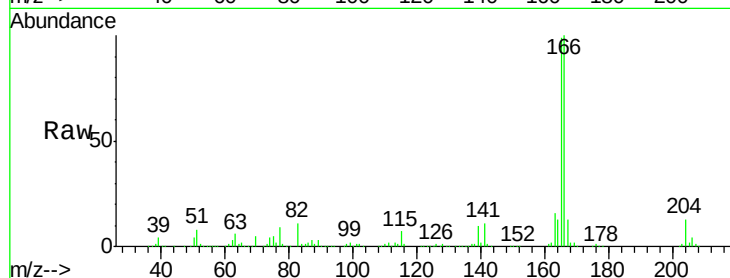
Tgt Ion:166 Resp: 485838

Ion Ratio Lower Upper

166 100

165 98.9 77.6 116.4

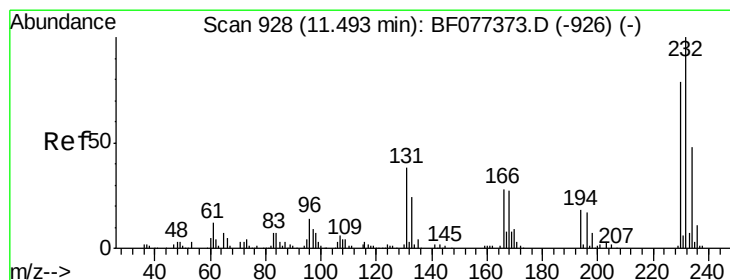
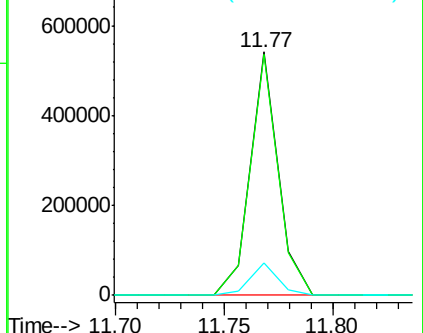
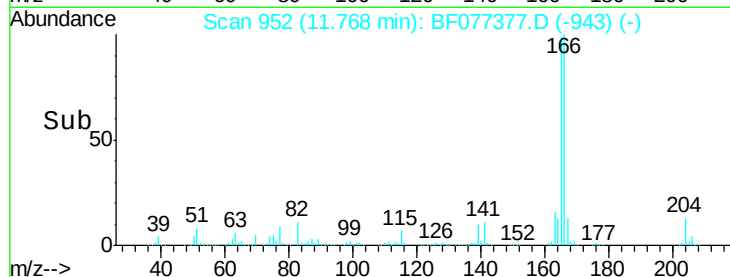
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.29 ng

RT: 11.49 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Tgt Ion:232 Resp: 117308

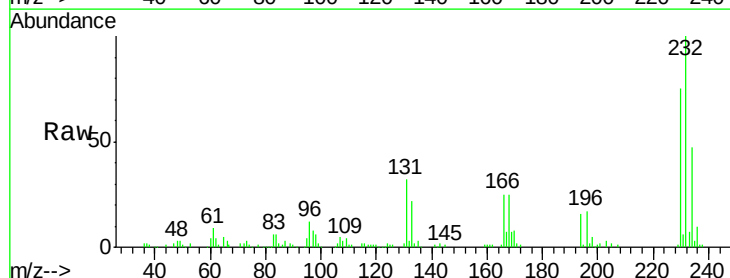
Ion Ratio Lower Upper

232 100

131 41.7 34.2 51.2

130 2.0 1.8 2.6

166 29.0 24.3 36.5

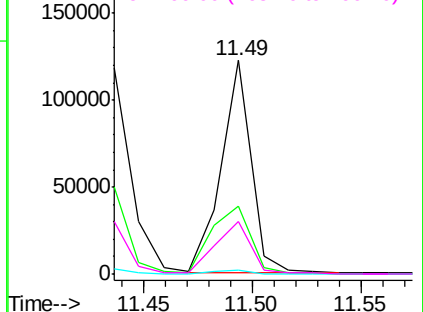
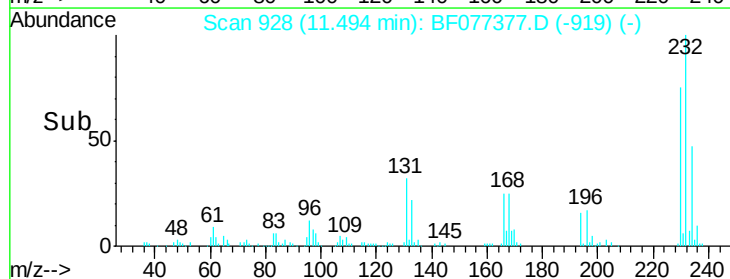


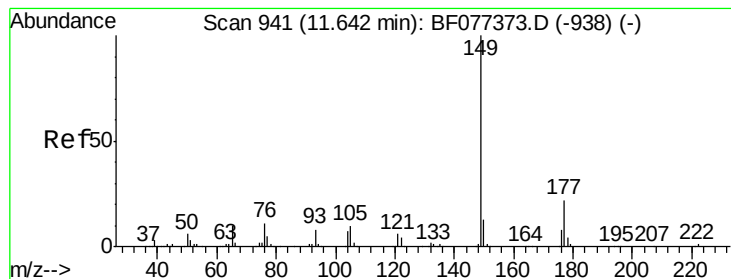
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.14 ng

RT: 11.64 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

ClientSampleId :

ICVBF021915

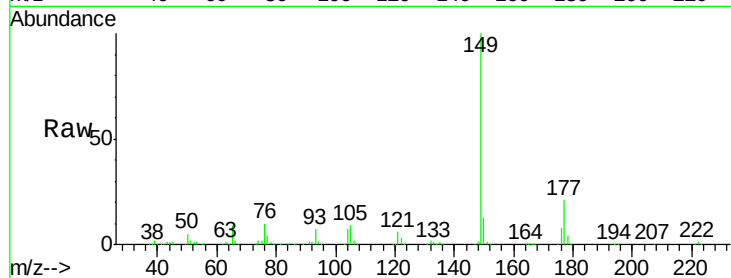
Tgt Ion:149 Resp: 462241

Ion Ratio Lower Upper

149 100

177 21.5 17.2 25.8

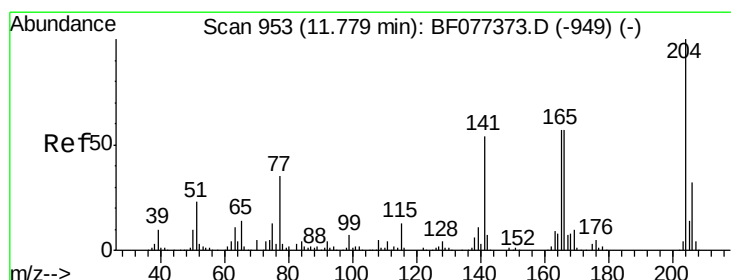
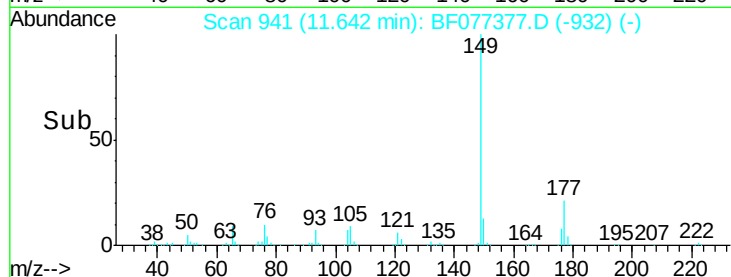
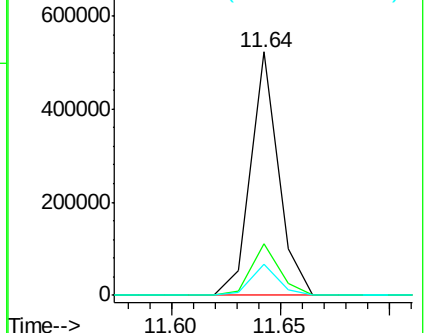
150 12.9 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.65 ng

RT: 11.78 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

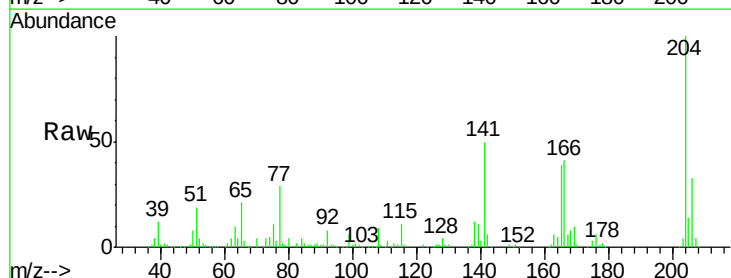
Tgt Ion:204 Resp: 225494

Ion Ratio Lower Upper

204 100

206 33.0 25.9 38.9

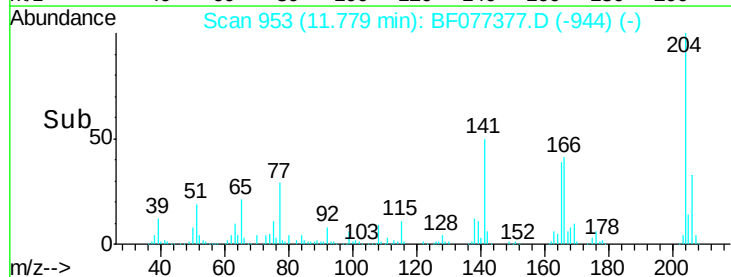
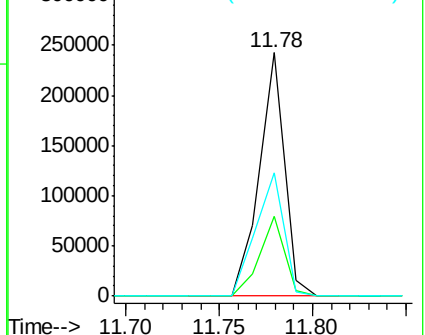
141 50.4 43.6 65.4

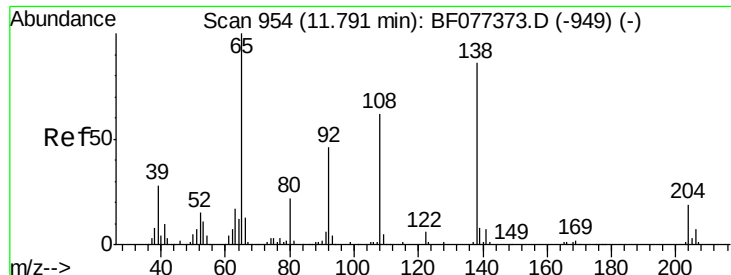


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

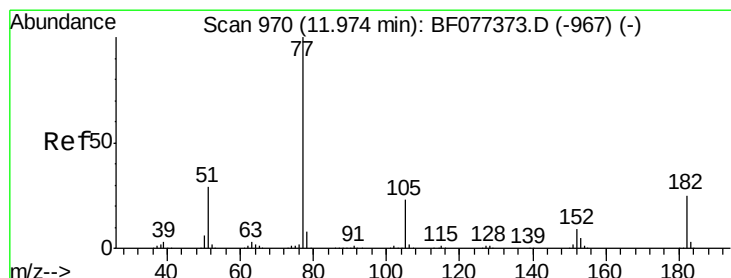
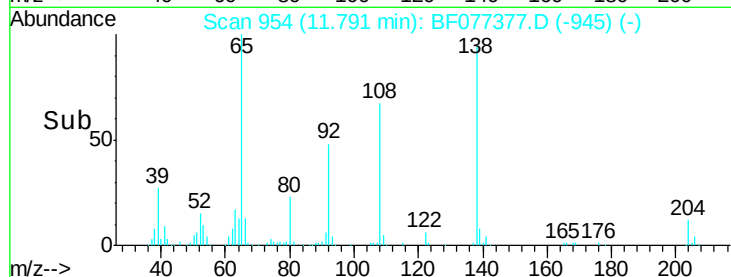
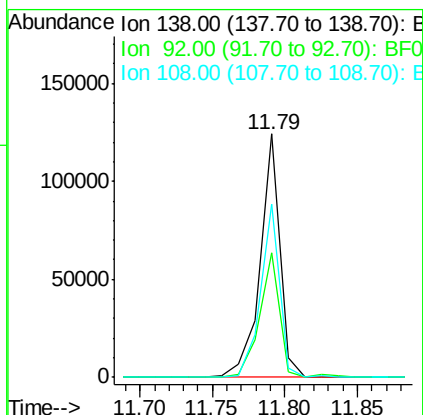
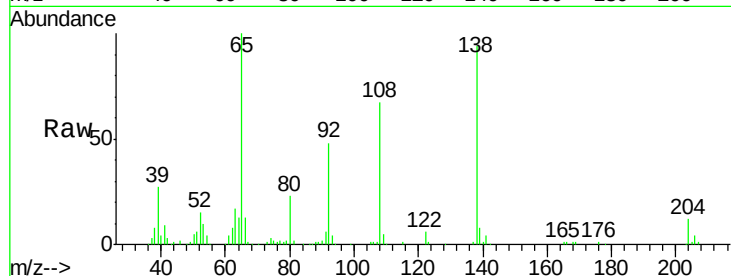




#61
4-Nitroaniline
Concen: 46.45 ng
RT: 11.79 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

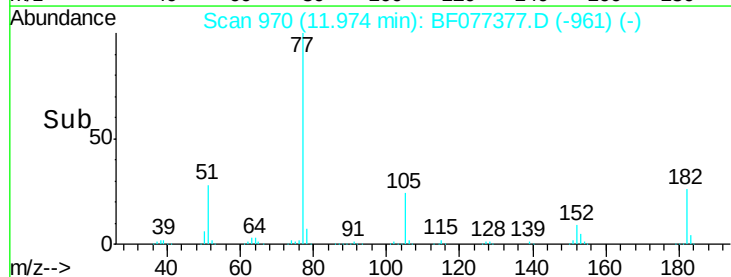
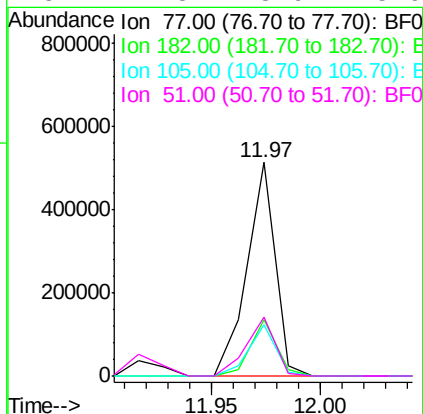
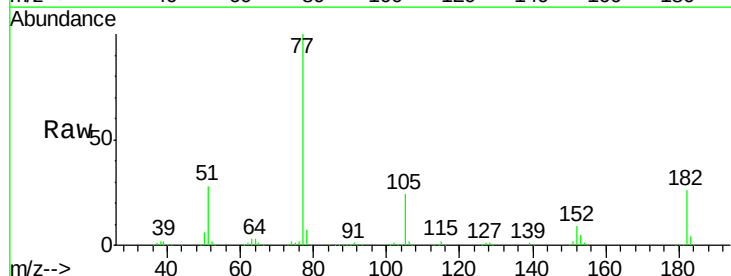
Instrument :
BNA_F
ClientSampleId :
ICVBF021915

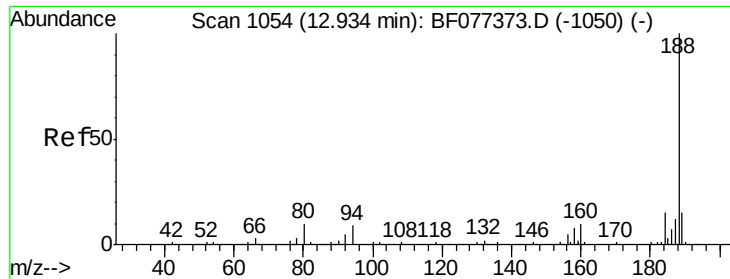
Tgt Ion: 138 Resp: 117332
Ion Ratio Lower Upper
138 100
92 51.0 32.8 72.8
108 71.4 52.1 92.1



#62
Azobenzene
Concen: 43.53 ng
RT: 11.97 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion: 77 Resp: 464127
Ion Ratio Lower Upper
77 100
182 26.5 4.9 44.9
105 23.9 3.3 43.3
51 27.8 8.9 48.9

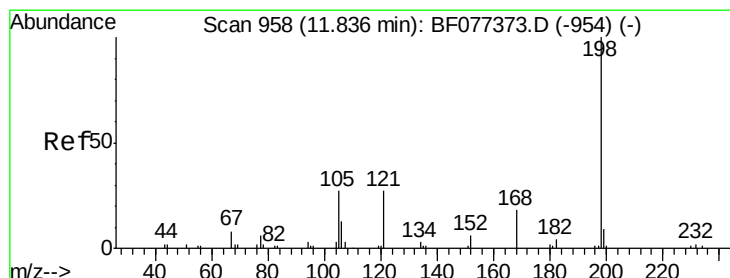
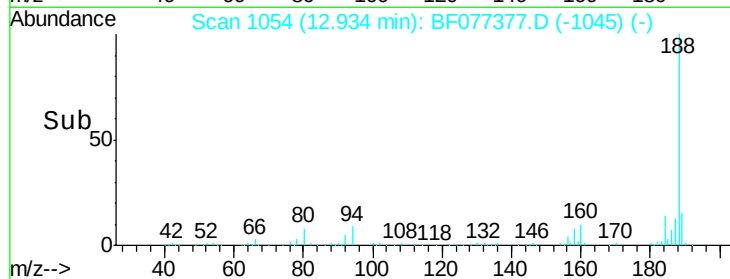
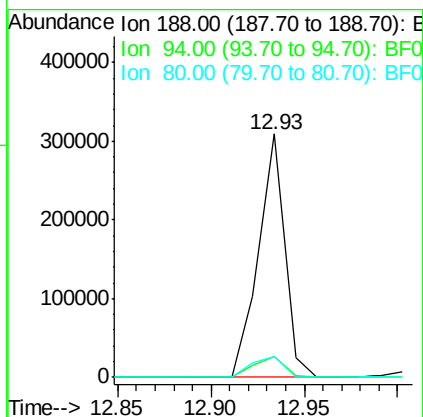
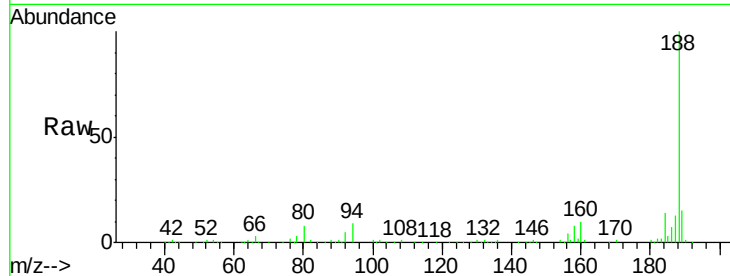




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.93 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

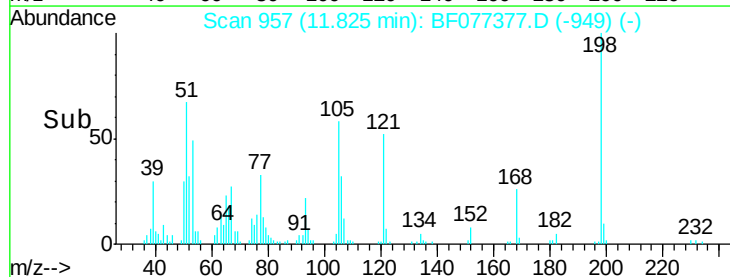
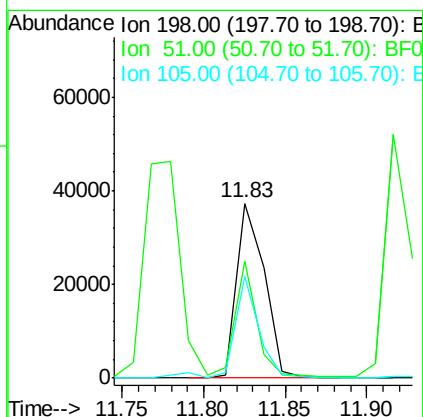
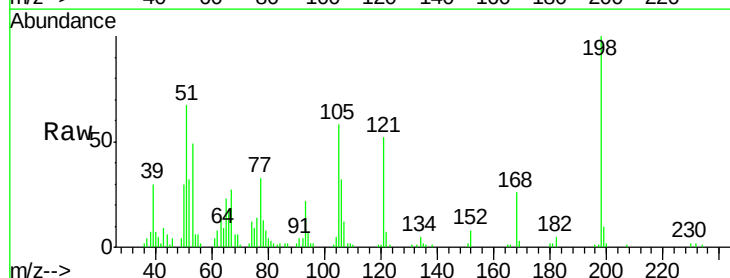
Instrument :
BNA_F
ClientSampleId :
ICVBF021915

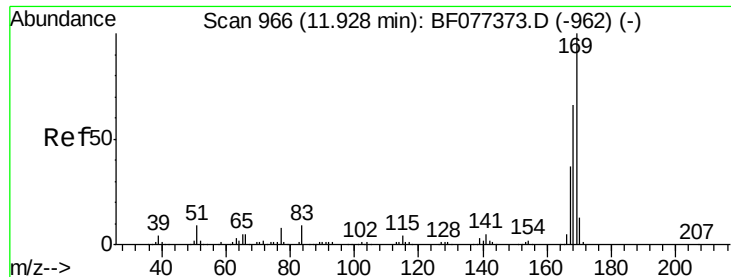
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.4	11.2
80	8.4	8.0	12.0



#64
4,6-Dinitro-2-methylphenol
Concen: 37.06 ng
RT: 11.83 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Lower	Upper
198	100		
51	66.6	2.7	42.7#
105	58.3	10.0	50.0#

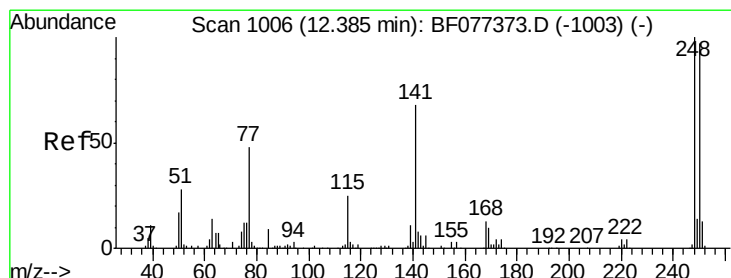
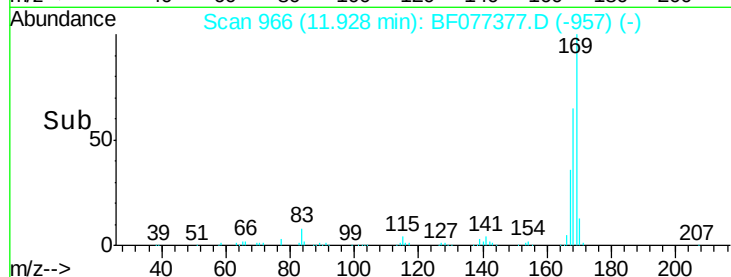
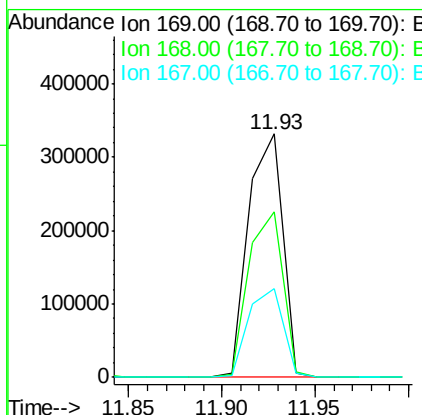
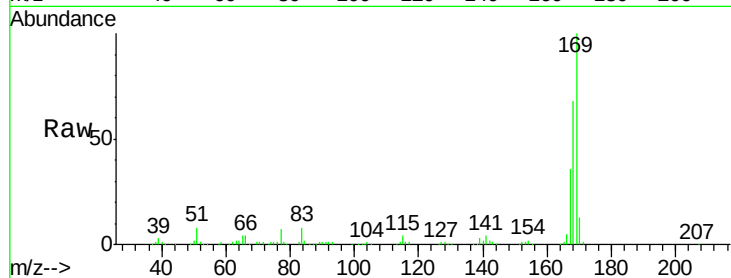




#65
 n-Nitrosodiphenylamine
 Concen: 42.14 ng
 RT: 11.93 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

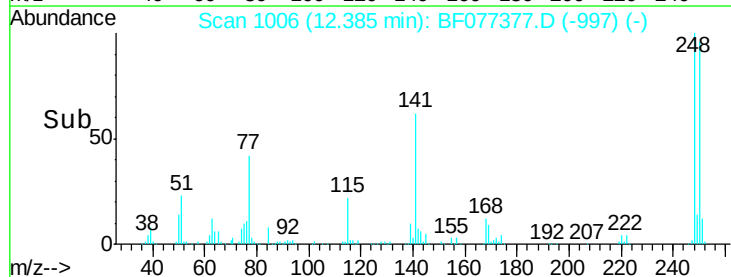
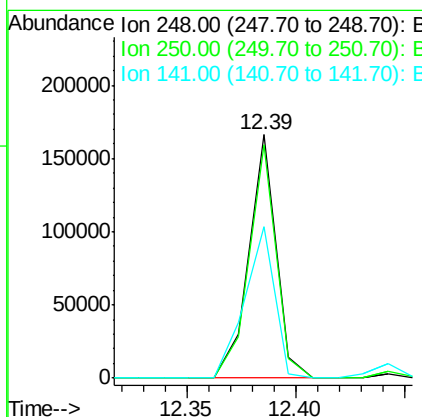
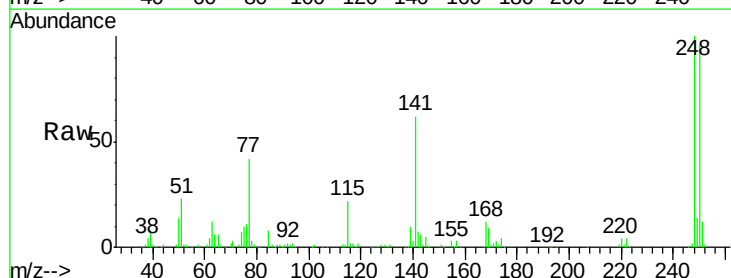
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021915

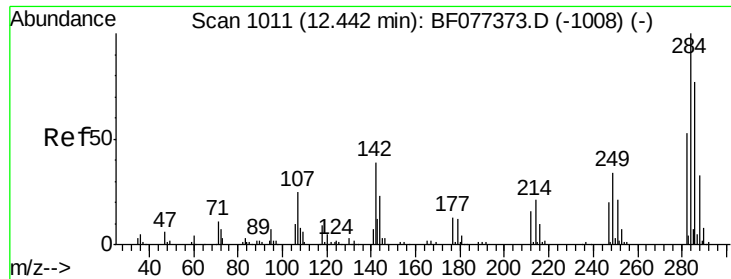
Tgt Ion:169 Resp: 421336
 Ion Ratio Lower Upper
 169 100
 168 68.1 53.0 79.6
 167 36.4 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 40.84 ng
 RT: 12.39 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Tgt Ion:248 Resp: 144114
 Ion Ratio Lower Upper
 248 100
 250 96.1 78.0 117.0
 141 62.1 54.1 81.1





#67

Hexachlorobenzene

Concen: 41.01 ng

RT: 12.44 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

ClientSampleId :

ICVBF021915

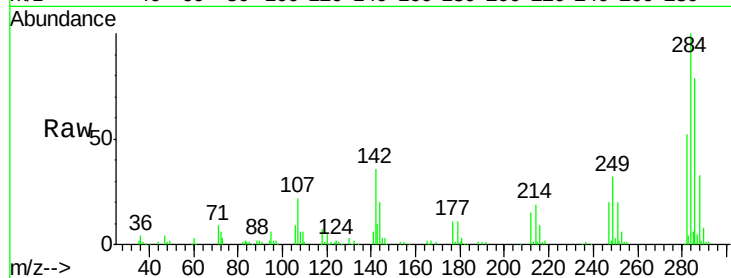
Tgt Ion:284 Resp: 155328

Ion Ratio Lower Upper

284 100

142 35.9 31.6 47.4

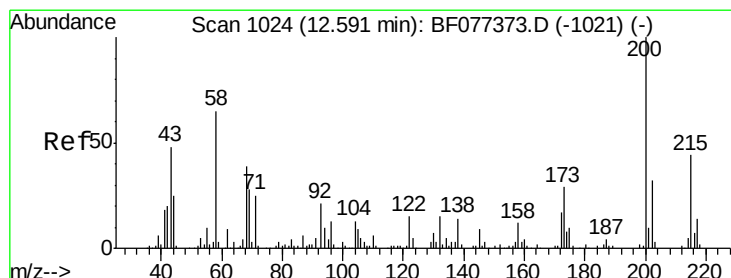
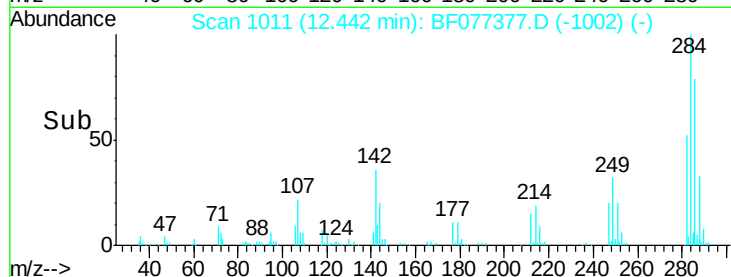
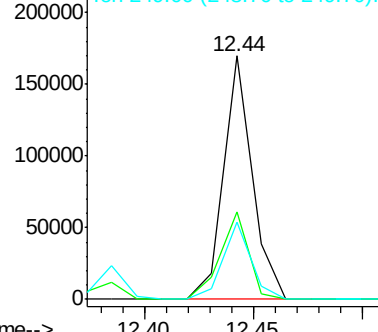
249 31.9 27.0 40.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.01 ng

RT: 12.59 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

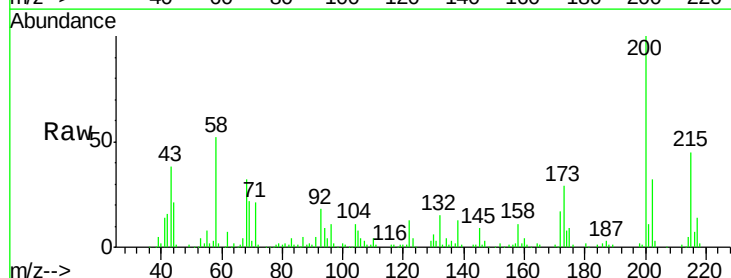
Tgt Ion:200 Resp: 113798

Ion Ratio Lower Upper

200 100

173 28.7 9.6 49.6

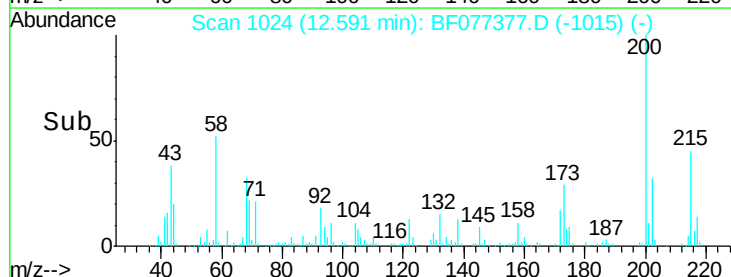
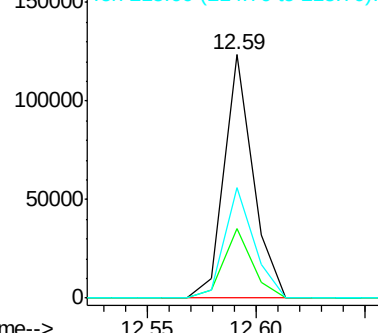
215 45.2 24.4 64.4

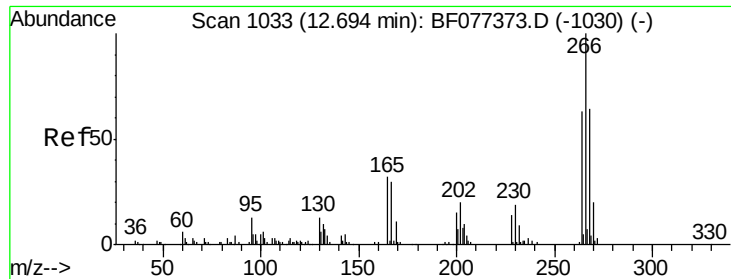


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

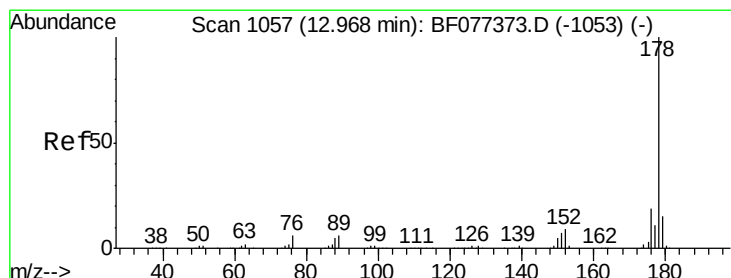
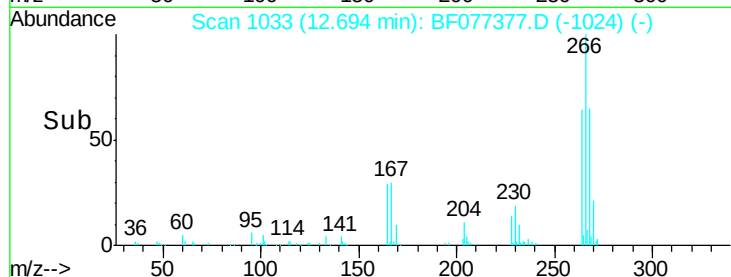
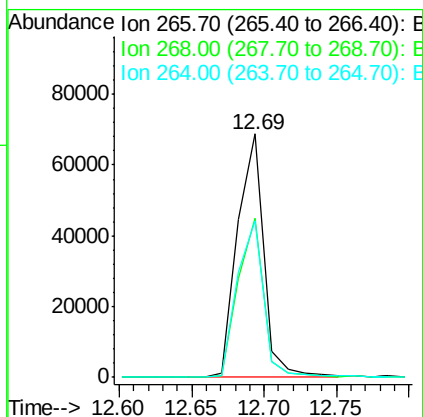
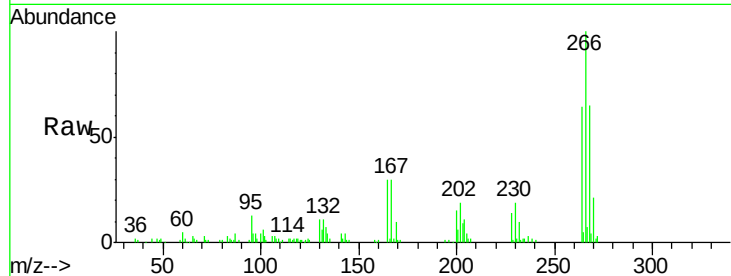




#69
 Pentachlorophenol
 Concen: 43.71 ng
 RT: 12.69 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

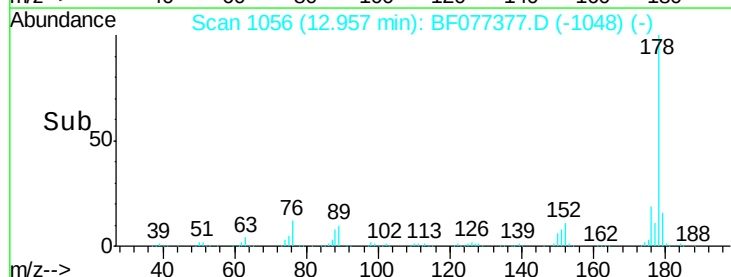
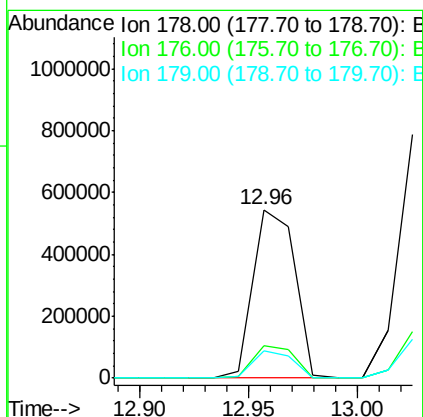
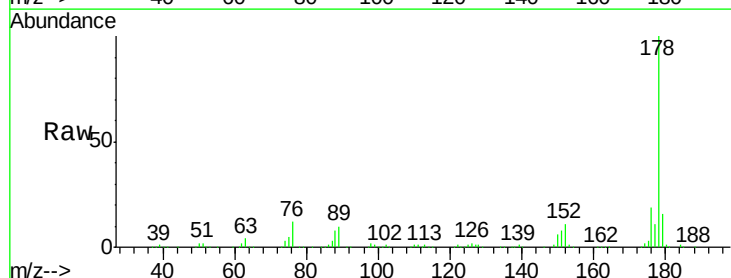
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021915

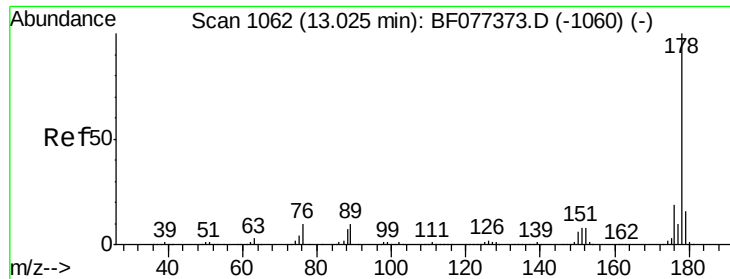
Tgt Ion: 266 Resp: 87018
 Ion Ratio Lower Upper
 266 100
 268 65.3 51.2 76.8
 264 64.2 50.7 76.1



#70
 Phenanthrene
 Concen: 41.86 ng
 RT: 12.96 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Tgt Ion: 178 Resp: 731233
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.5 23.3
 179 15.9 12.2 18.2

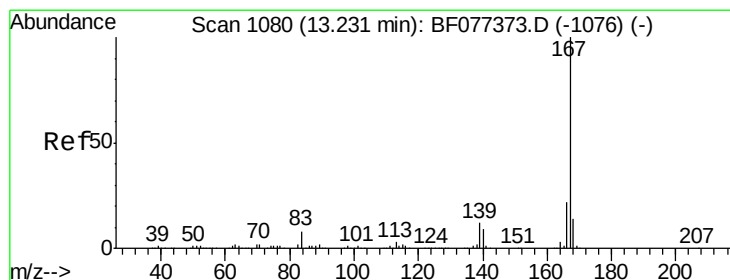
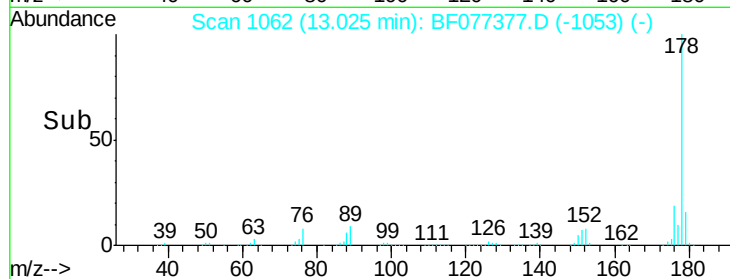
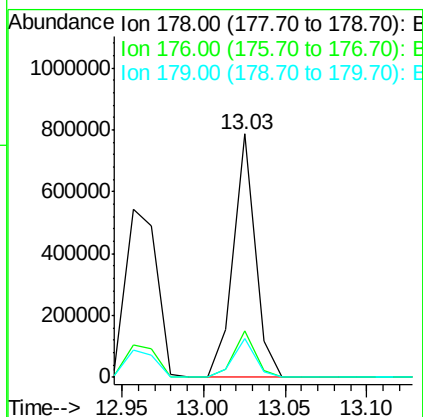
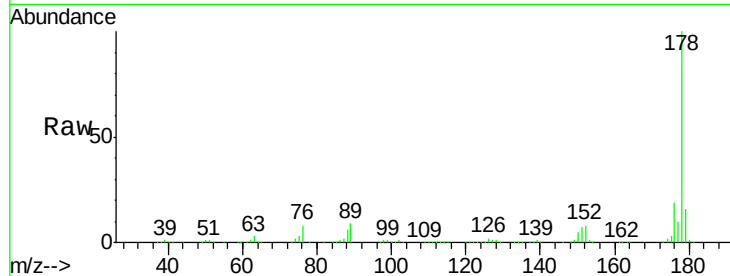




#71
 Anthracene
 Concen: 41.95 ng
 RT: 13.03 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

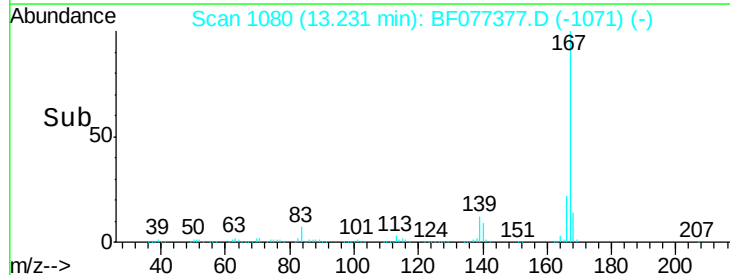
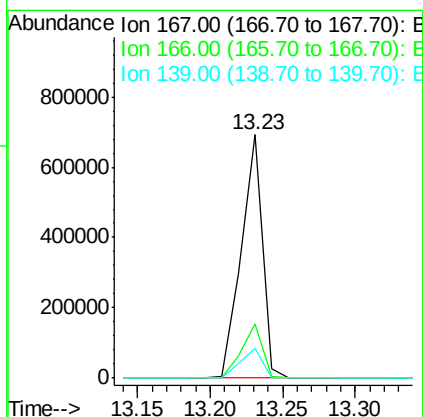
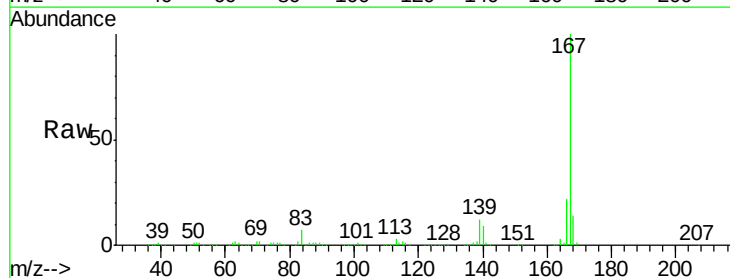
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021915

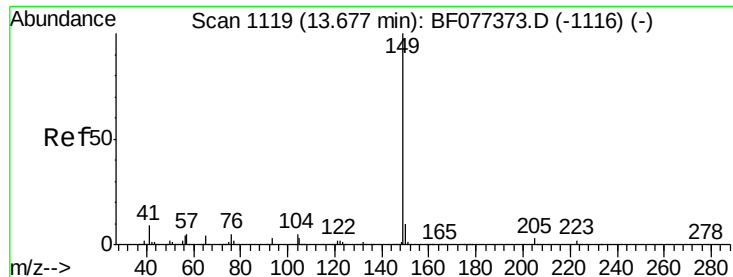
Tgt Ion:178 Resp: 727106
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 15.7 12.9 19.3



#72
 Carbazole
 Concen: 42.53 ng
 RT: 13.23 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Tgt Ion:167 Resp: 700901
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 12.4 9.9 14.9

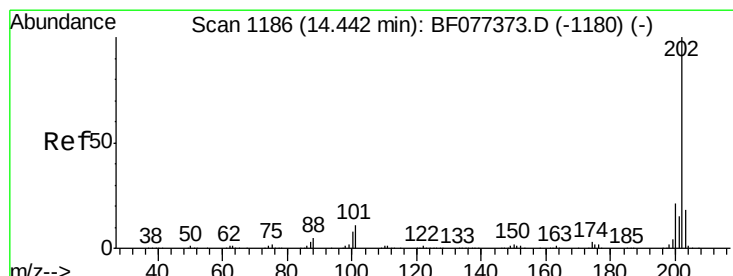
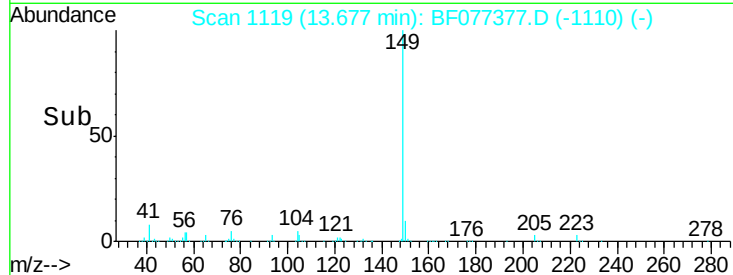
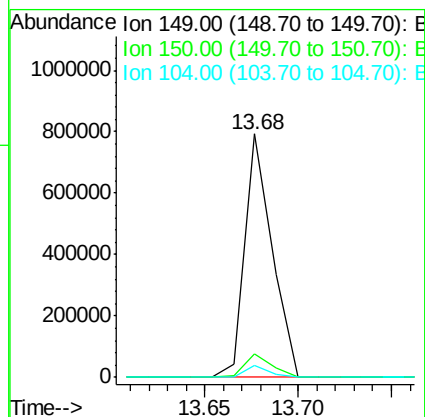
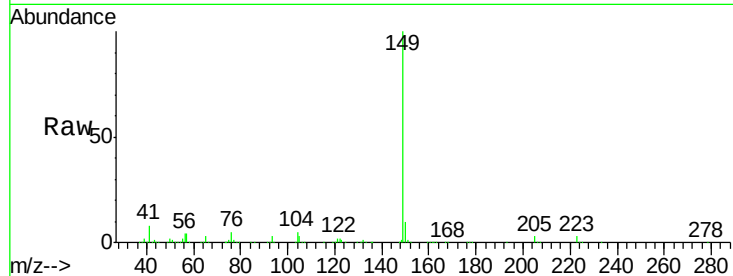




#73
Di-n-butylphthalate
Concen: 41.60 ng
RT: 13.68 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

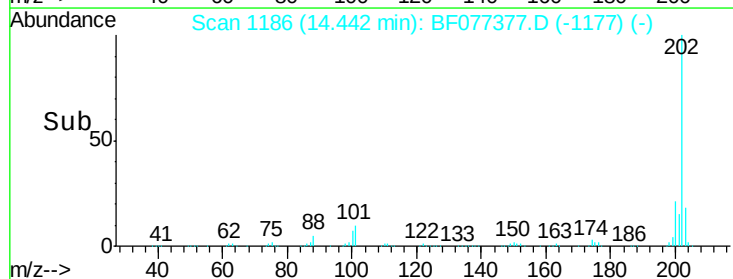
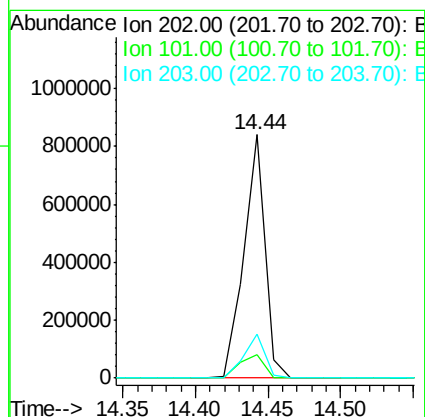
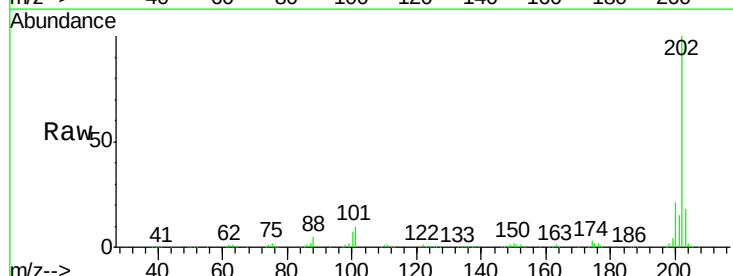
Instrument :
BNA_F
ClientSampleId :
ICVBF021915

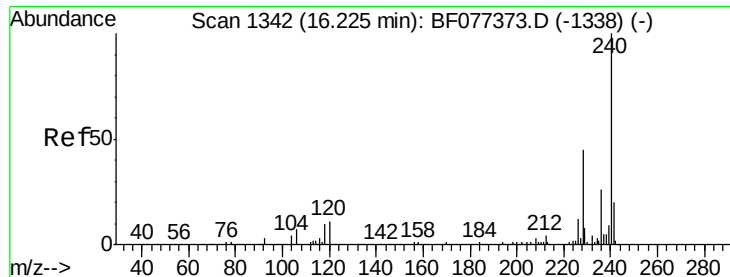
Tgt Ion:149 Resp: 805178
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.8
104 5.0 4.1 6.1



#74
Fluoranthene
Concen: 44.38 ng
RT: 14.44 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion:202 Resp: 846714
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.8
203 18.0 0.0 37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.23 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

ClientSampleId :

ICVBF021915

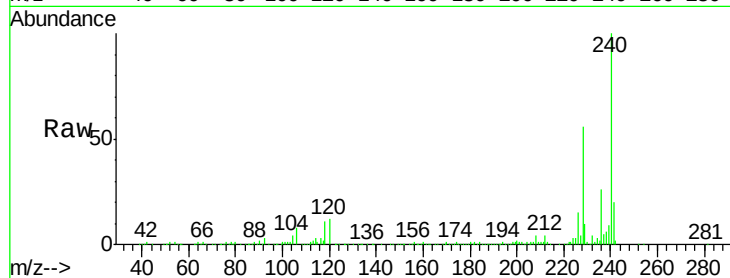
Tgt Ion:240 Resp: 333326

Ion Ratio Lower Upper

240 100

120 12.2 8.8 13.2

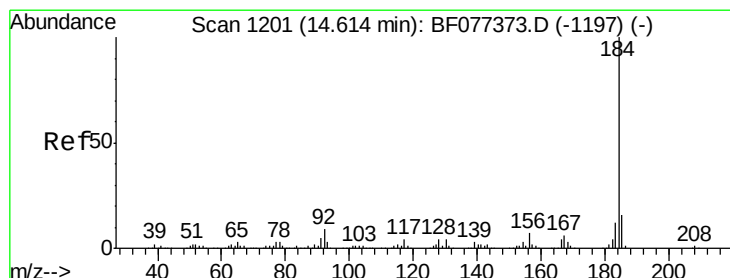
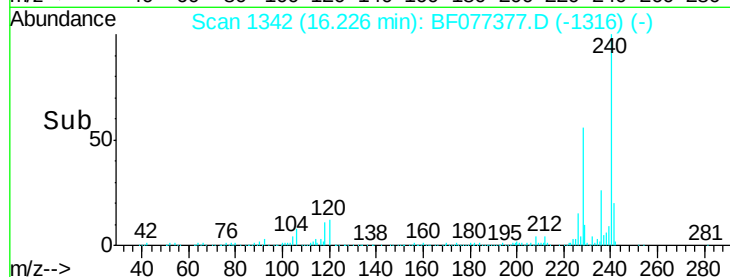
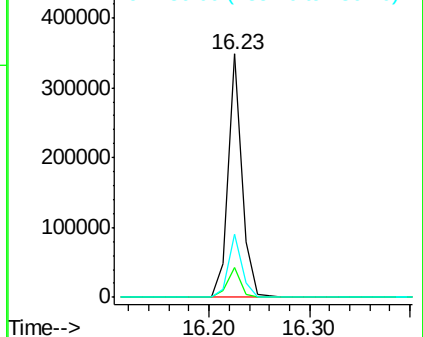
236 25.9 20.7 31.1



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: 32.78 ng

RT: 14.61 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

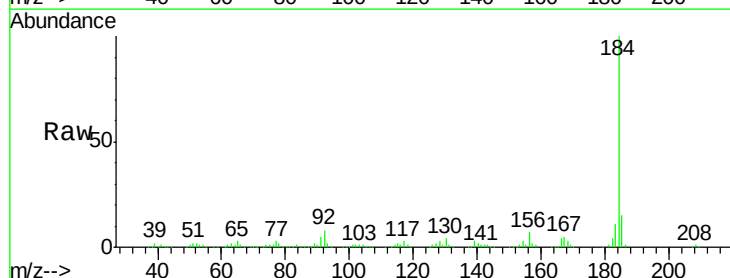
Tgt Ion:184 Resp: 369210

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

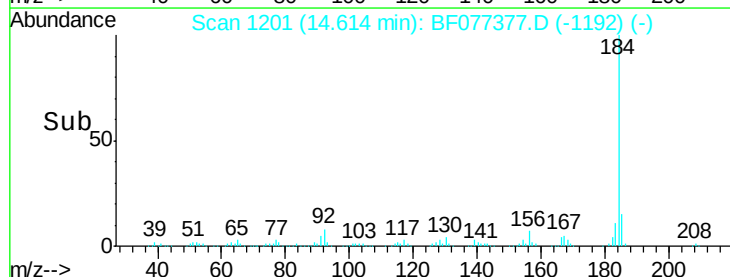
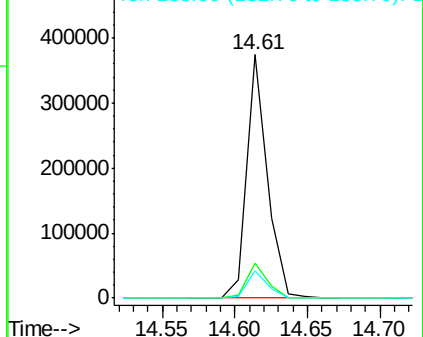
183 11.3 9.3 13.9

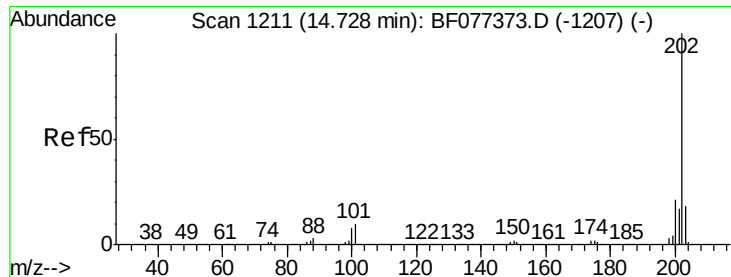


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

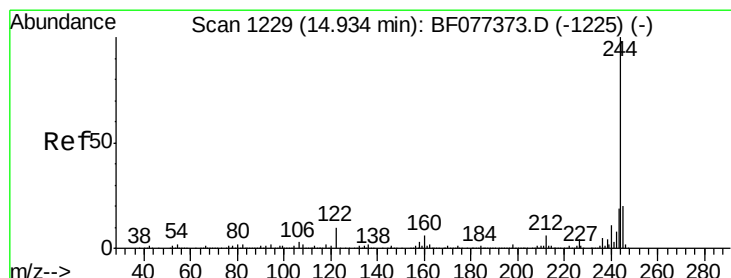
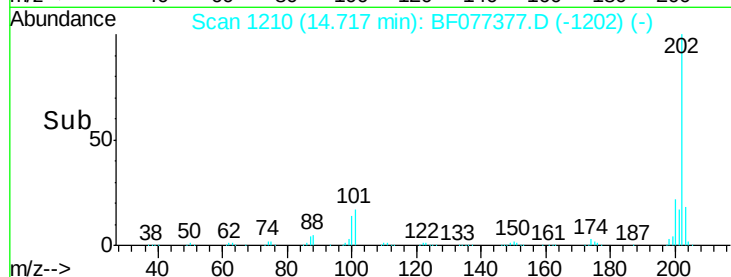
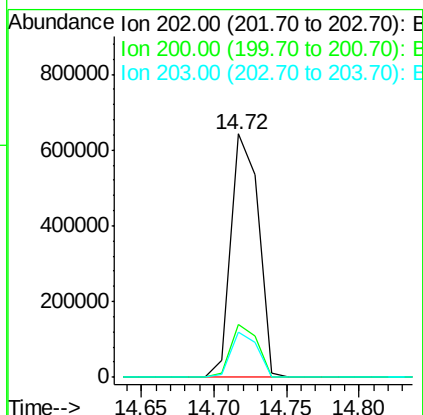
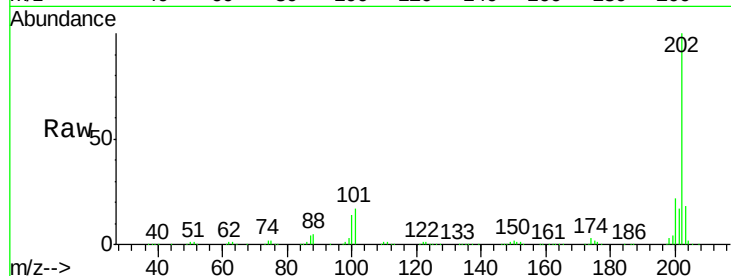




#77
 Pyrene
 Concen: 41.54 ng
 RT: 14.72 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

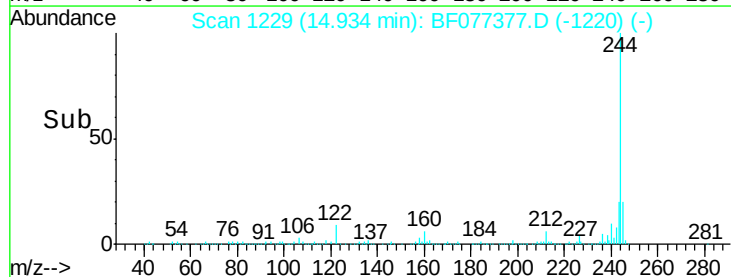
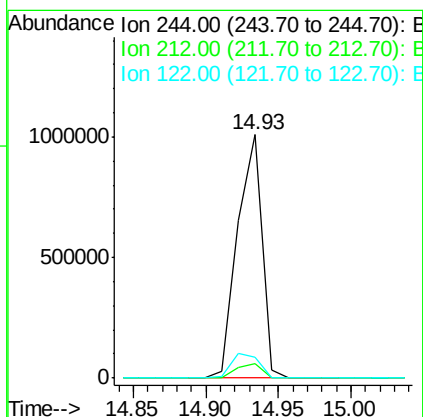
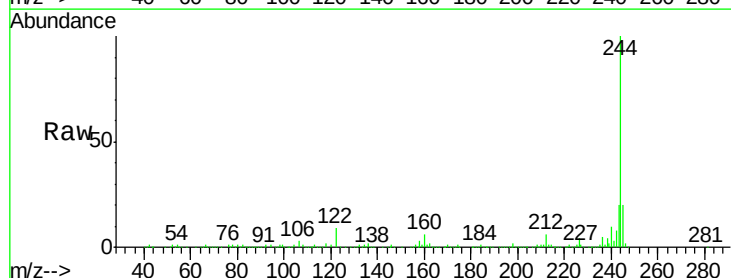
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021915

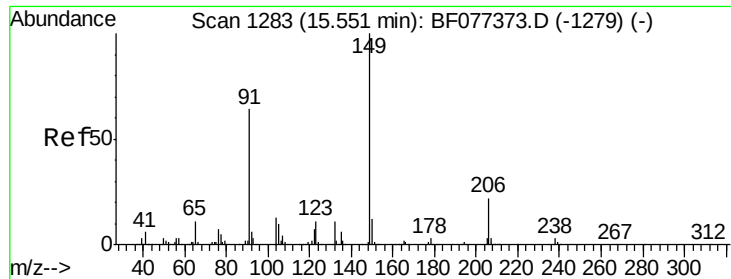
Tgt Ion: 202 Resp: 846895
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.1 25.7
 203 18.3 14.2 21.2



#78
 Terphenyl-d14
 Concen: 83.14 ng
 RT: 14.93 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Tgt Ion: 244 Resp: 1185482
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.2 7.8
 122 8.6 7.8 11.8

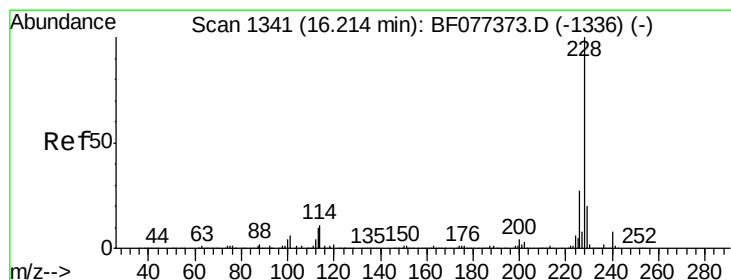
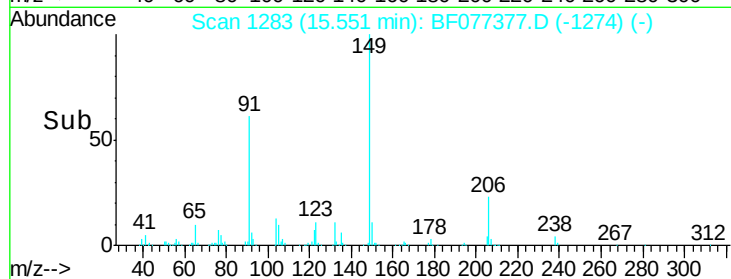
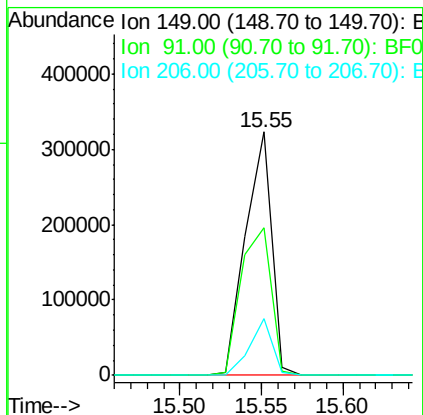
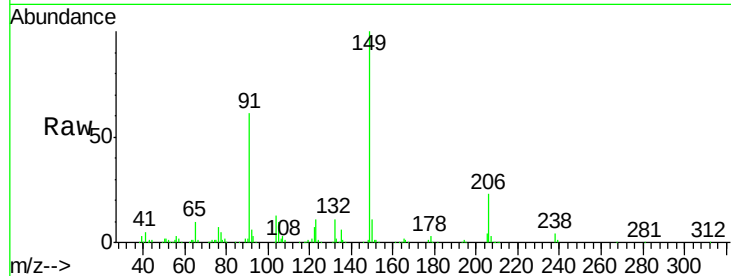




#79
Butylbenzylphthalate
Concen: 42.70 ng
RT: 15.55 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

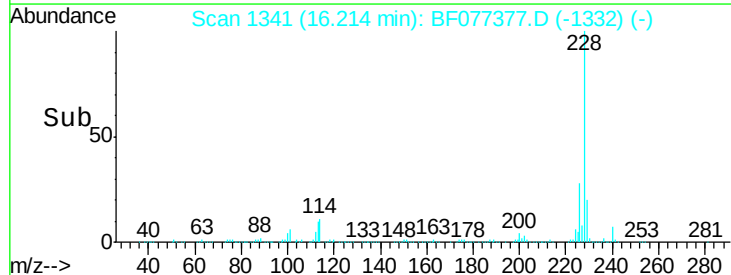
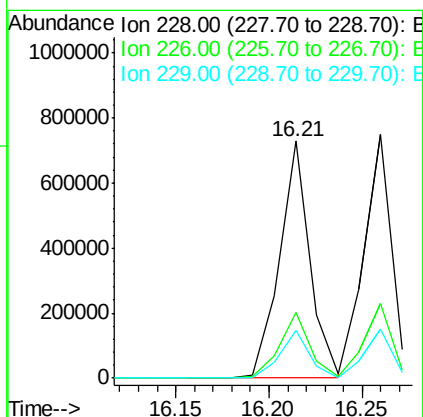
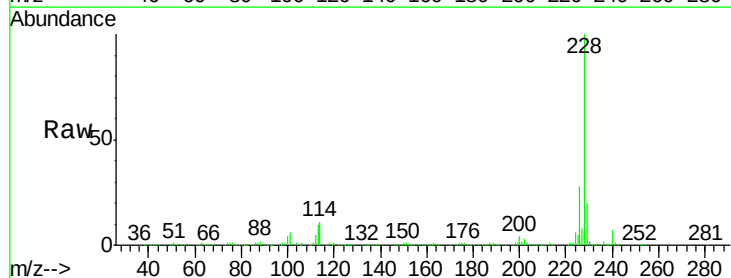
Instrument :
BNA_F
ClientSampleId :
ICVBF021915

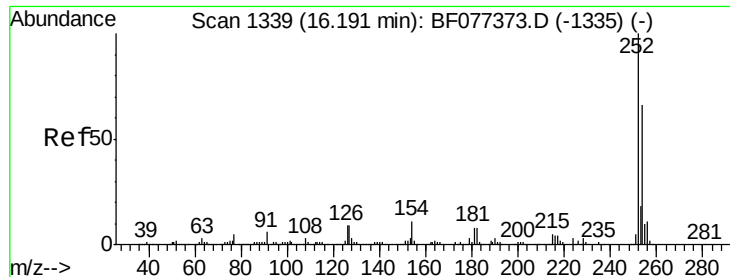
Tgt Ion:149 Resp: 358162
Ion Ratio Lower Upper
149 100
91 60.5 51.2 76.8
206 23.3 17.8 26.8



#80
Benzo(a)anthracene
Concen: 42.12 ng
RT: 16.21 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion:228 Resp: 822925
Ion Ratio Lower Upper
228 100
226 28.0 22.0 33.0
229 20.4 15.8 23.8

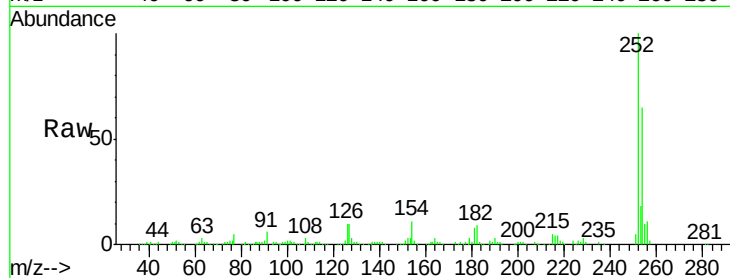




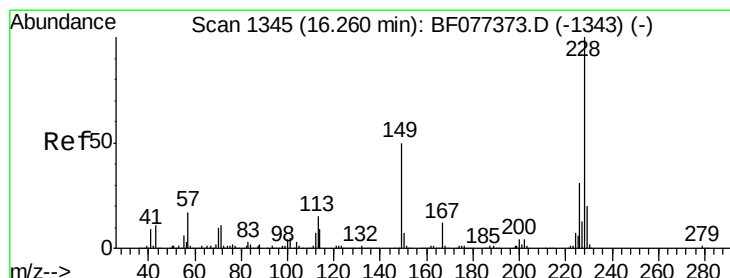
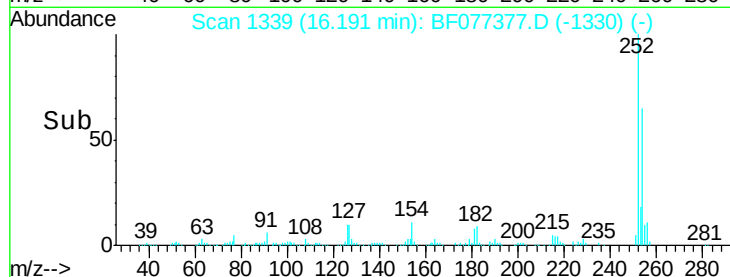
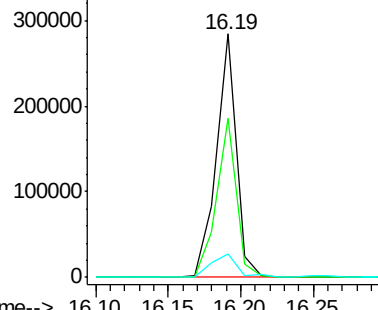
#81
 3,3'-Dichlorobenzidine
 Concen: 38.12 ng
 RT: 16.19 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021915

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.9	79.3
126	9.7	7.3	10.9

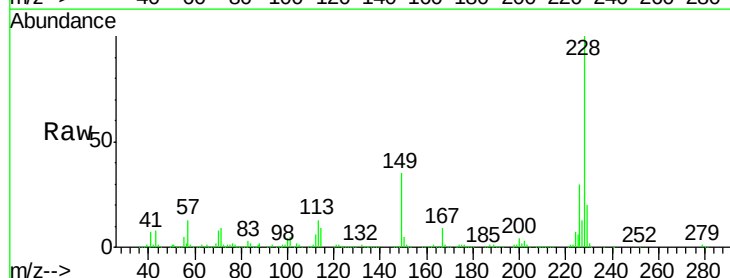


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

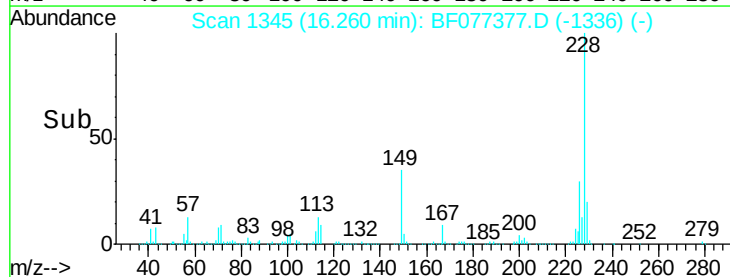
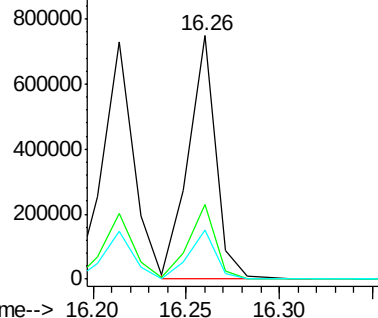


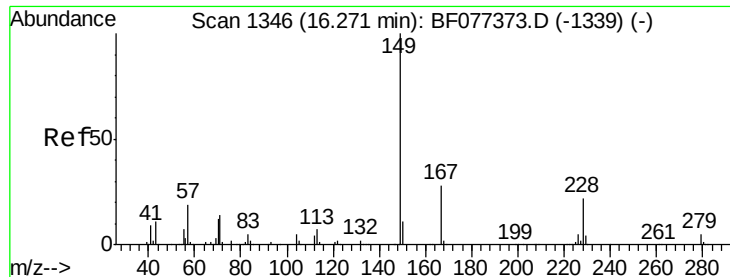
#82
 Chrysene
 Concen: 41.75 ng
 RT: 16.26 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	20.3	16.4	24.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.37 ng

RT: 16.27 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

ClientSampleId :

ICVBF021915

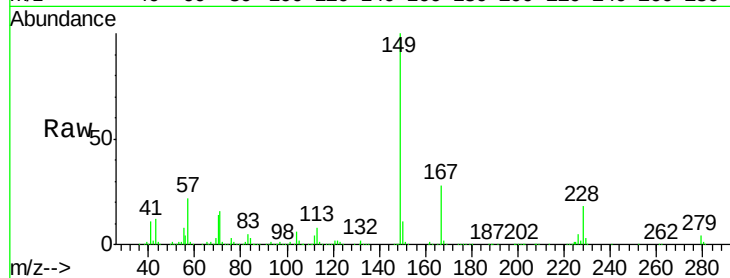
Tgt Ion:149 Resp: 556457

Ion Ratio Lower Upper

149 100

167 27.8 22.8 34.2

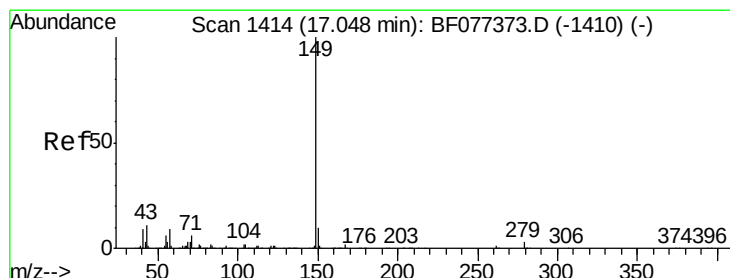
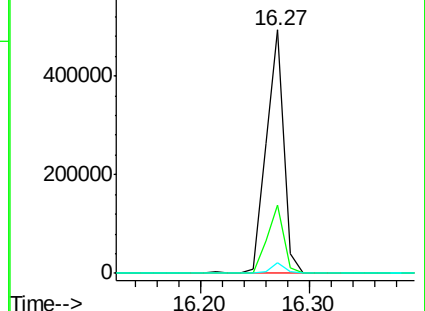
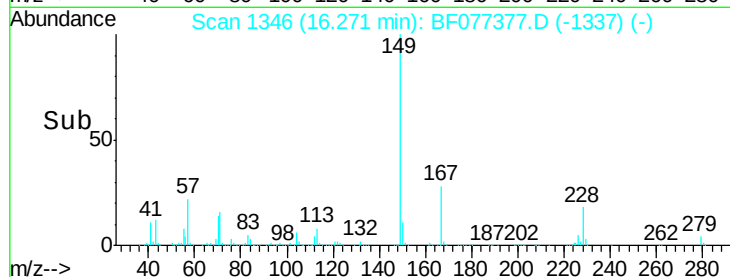
279 4.2 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.26 ng

RT: 17.06 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

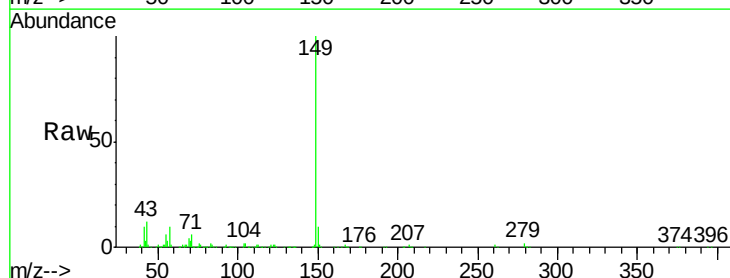
Tgt Ion:149 Resp: 949046

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

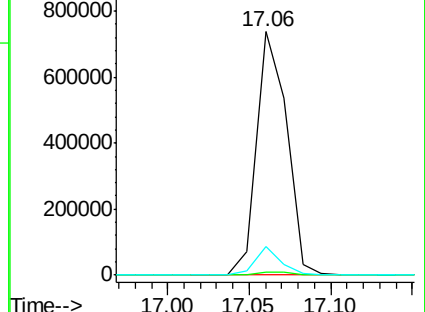
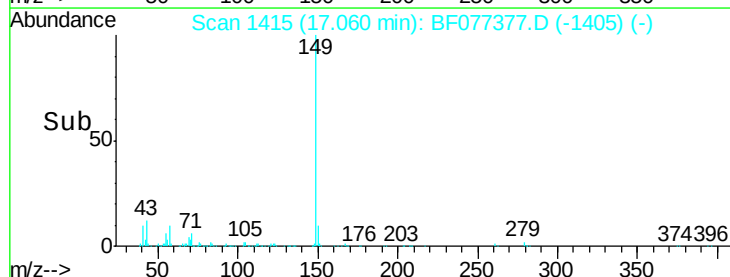
43 10.5 8.1 12.1

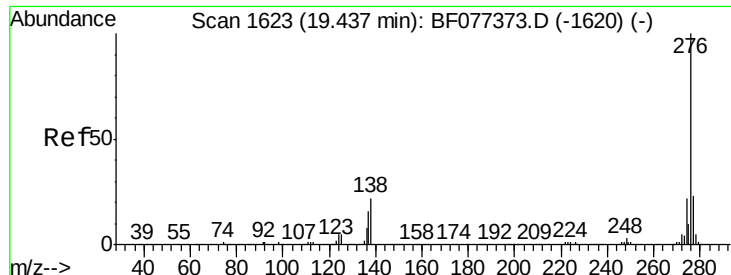


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

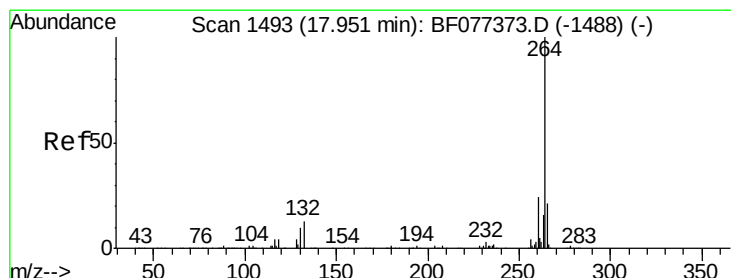
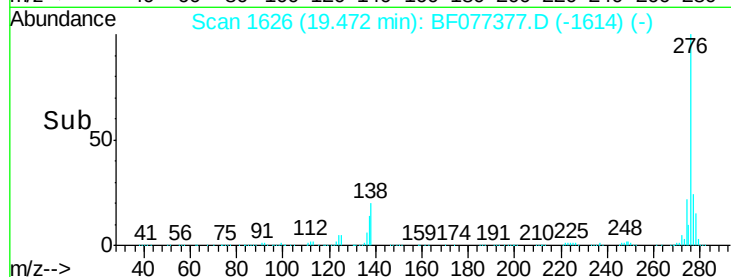
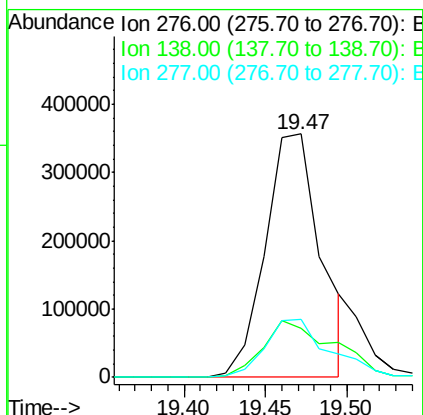
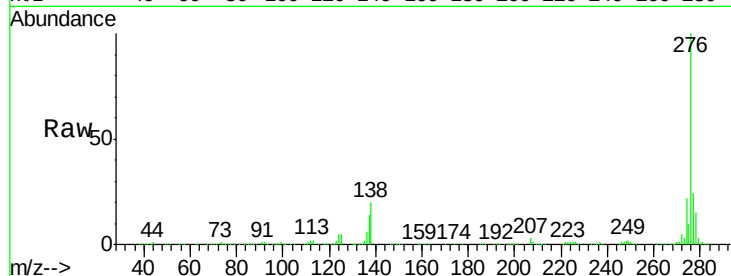




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.64 ng
RT: 19.47 min Scan# 1626
Delta R.T. 0.03 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

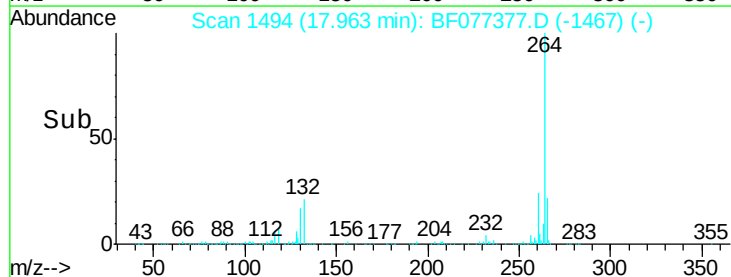
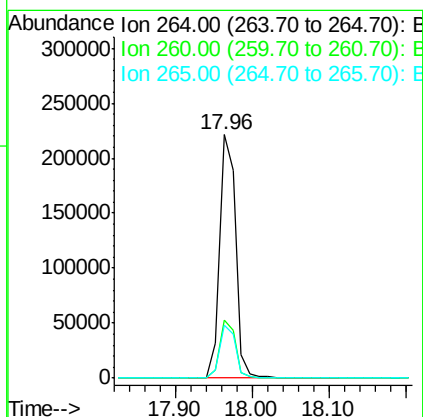
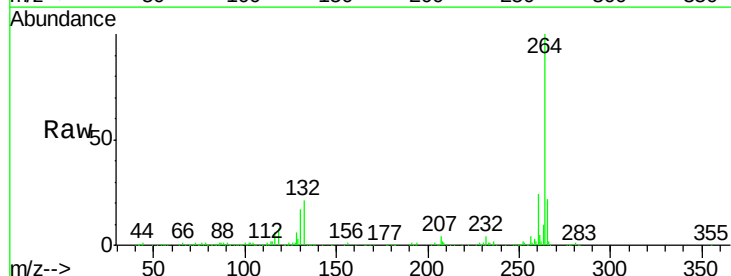
Instrument :
BNA_F
ClientSampleId :
ICVBF021915

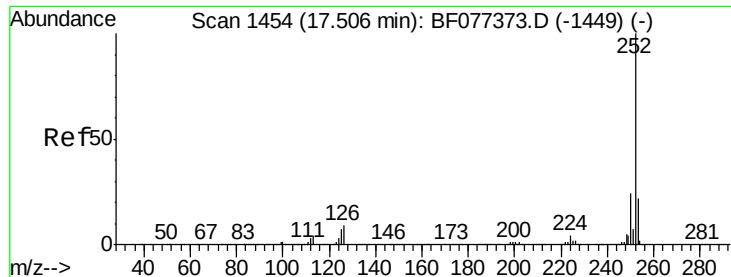
Tgt Ion: 276 Resp: 849927
Ion Ratio Lower Upper
276 100
138 21.6 21.2 31.8
277 24.4 20.0 30.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.96 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF077377.D
Acq: 19 Feb 2015 16:11

Tgt Ion: 264 Resp: 325399
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 21.9 16.8 25.2

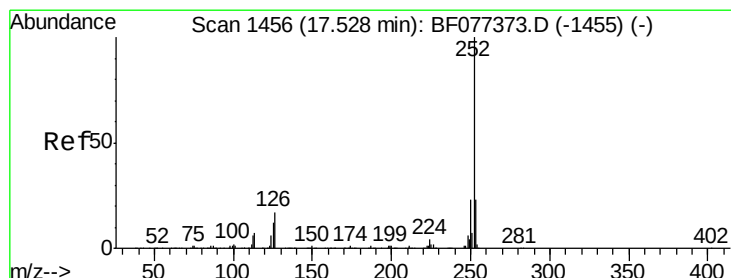
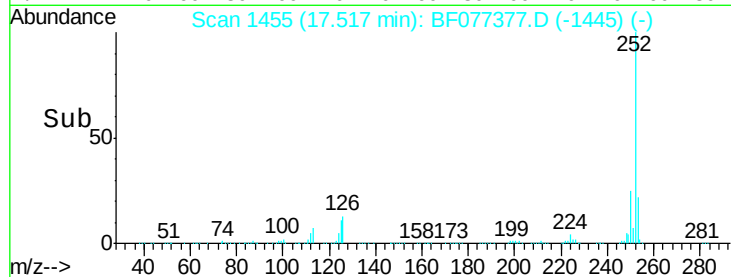
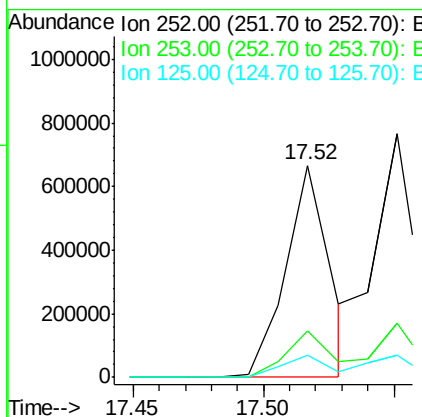
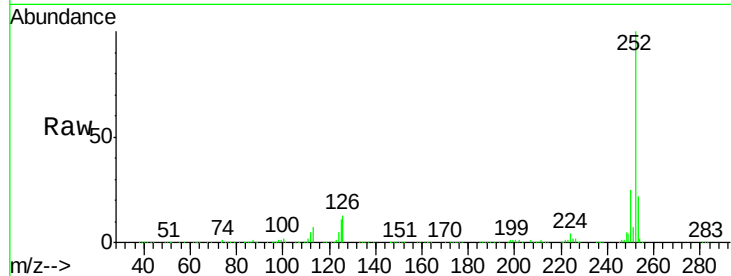




#87
 Benzo(b)fluoranthene
 Concen: 41.24 ng
 RT: 17.52 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

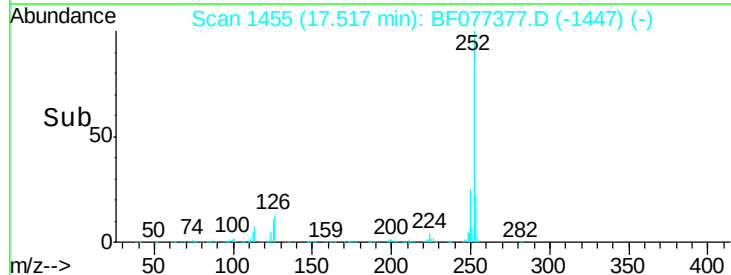
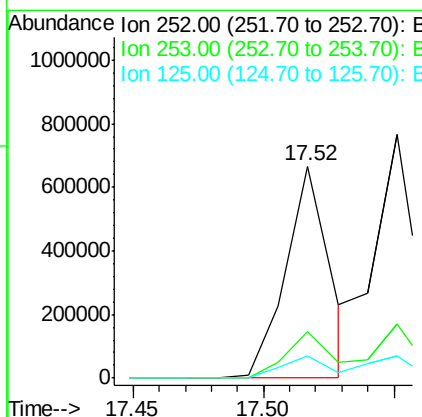
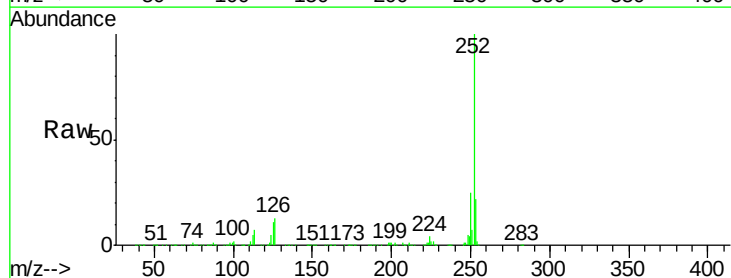
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021915

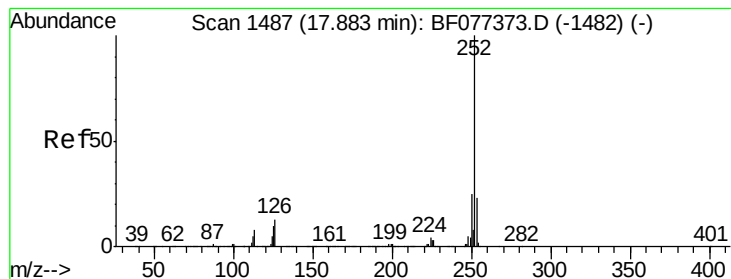
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.5	5.4	8.2#



#88
 Benzo(k)fluoranthene
 Concen: 42.08 ng
 RT: 17.52 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF077377.D
 Acq: 19 Feb 2015 16:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	10.5	10.1	15.1





#89

Benzo(a)pyrene

Concen: 41.99 ng

RT: 17.91 min Scan# 1489

Delta R.T. 0.02 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

ClientSampleId :

ICVBF021915

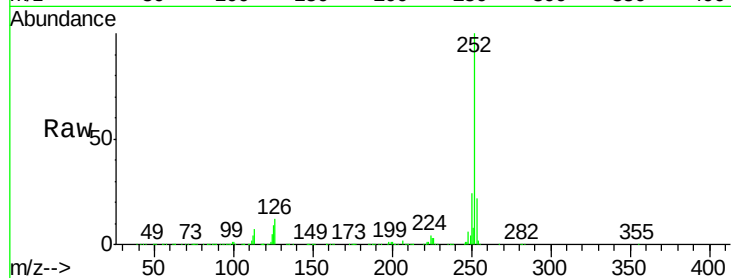
Tgt Ion: 252 Resp: 756744

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

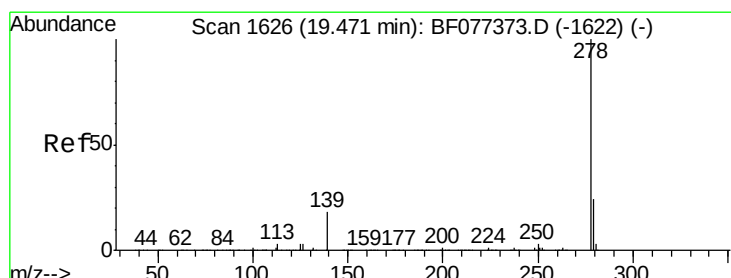
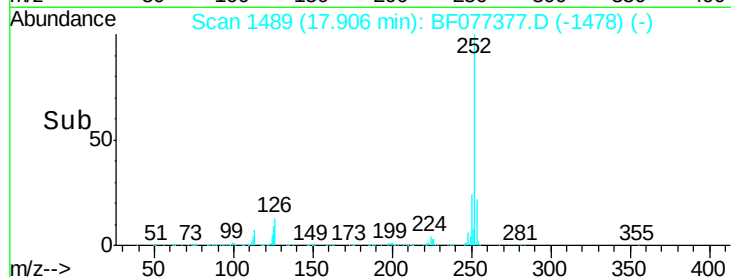
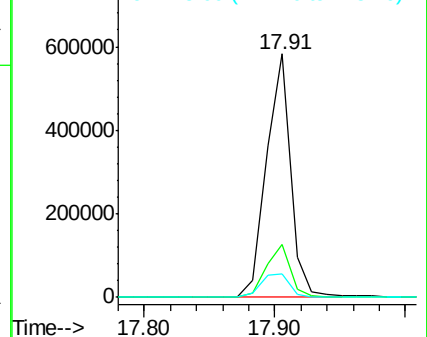
125 9.4 8.3 12.5



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: 43.85 ng

RT: 19.49 min Scan# 1628

Delta R.T. 0.02 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

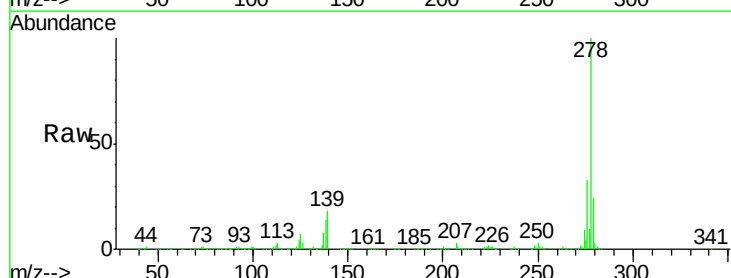
Tgt Ion: 278 Resp: 753640

Ion Ratio Lower Upper

278 100

139 18.4 14.3 21.5

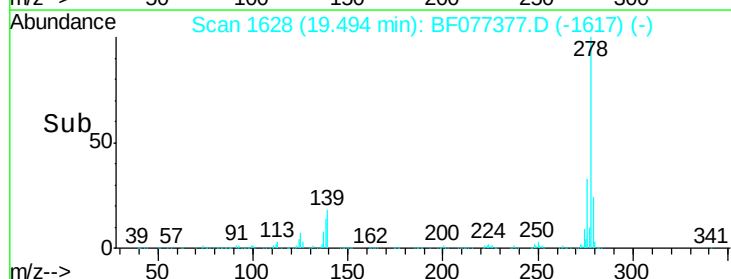
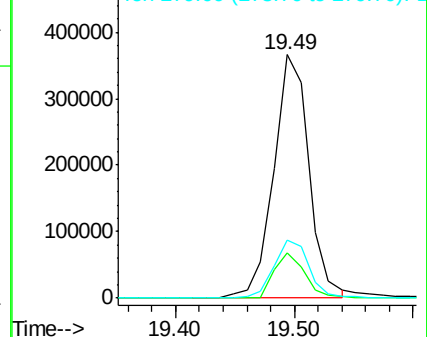
279 23.7 19.0 28.6

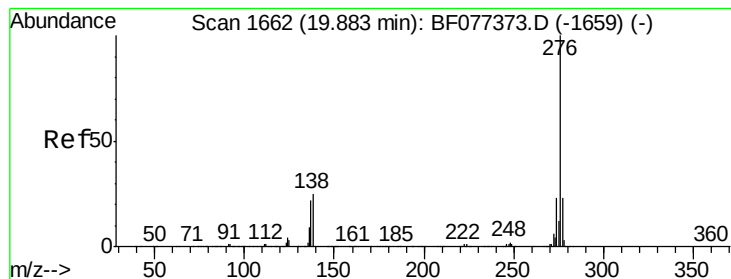


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.17 ng

RT: 19.91 min Scan# 1664

Delta R.T. 0.02 min

Lab File: BF077377.D

Acq: 19 Feb 2015 16:11

Instrument :

BNA_F

ClientSampleId :

ICVBF021915

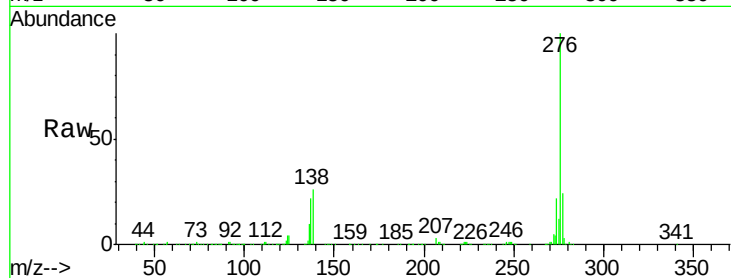
Tgt Ion: 276 Resp: 748835

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 25.9 20.5 30.7



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

