

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094448.D
 Acq On : 17 Apr 2017 14:34
 Operator : SJ/MA
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041717

Quant Time: Apr 17 14:59:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	143342	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	579613	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	259416	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	455127	20.00	ng	0.00
75) Chrysene-d12	14.47	240	379316	20.00	ng	0.00
86) Perylene-d12	16.09	264	335016	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.30	112	691819	80.07	ng	0.00
7) Phenol-d6	5.39	99	821671	80.67	ng	0.00
23) Nitrobenzene-d5	6.42	82	762909	81.28	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	166307	81.96	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1374310	77.95	ng	0.00
78) Terphenyl-d14	13.20	244	1120518	78.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	202877	40.38	ng	96
3) Pyridine	2.58	79	472763	43.05	ng	97
4) n-Nitrosodimethylamine	2.55	42	185299	40.78	ng	90
6) Aniline	5.39	93	540959	39.96	ng	91
8) 2-Chlorophenol	5.53	128	400849	40.77	ng	94
9) Benzaldehyde	5.26	77	316486	40.85	ng	99
10) Phenol	5.40	94	511302	40.86	ng	92
11) bis(2-Chloroethyl)ether	5.47	93	369703	40.44	ng	97
12) 1,3-Dichlorobenzene	5.69	146	438199	40.23	ng	99
13) 1,4-Dichlorobenzene	5.78	146	443427	40.46	ng	97
14) 1,2-Dichlorobenzene	5.96	146	407481	40.37	ng	96
15) Benzyl Alcohol	5.94	79	306216	40.53	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	481536	40.18	ng	77
17) 2-Methylphenol	6.09	107	312980	40.42	ng	94
18) Hexachloroethane	6.35	117	152980	40.72	ng	# 83
19) n-Nitroso-di-n-propylamine	6.25	70	275780	40.86	ng	98
20) 3+4-Methylphenols	6.27	107	431987	41.06	ng	# 63
22) Acetophenone	6.24	105	570919	40.51	ng	# 86
24) Nitrobenzene	6.44	77	404570	40.93	ng	93
25) Isophorone	6.73	82	700906	40.28	ng	95
26) 2-Nitrophenol	6.81	139	221384	41.69	ng	96
27) 2,4-Dimethylphenol	6.89	122	346854	40.21	ng	98
28) bis(2-Chloroethoxy)methane	6.99	93	448354	39.83	ng	100
29) 2,4-Dichlorophenol	7.12	162	328030	40.88	ng	99
30) 1,2,4-Trichlorobenzene	7.20	180	330084	39.79	ng	98
31) Naphthalene	7.29	128	1120246	40.20	ng	99
32) Benzoic acid	7.06	122	177672	38.95	ng	97
33) 4-Chloroaniline	7.36	127	469309	40.49	ng	95
34) Hexachlorobutadiene	7.45	225	163761	39.59	ng	98
35) Caprolactam	7.82	113	104327	41.38	ng	96
36) 4-Chloro-3-methylphenol	7.99	107	337583	40.14	ng	92
37) 2-Methylnaphthalene	8.13	142	764672	40.11	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	294244	39.83	ng	99
40) Hexachlorocyclopentadiene	8.33	237	124627	41.70	ng	98

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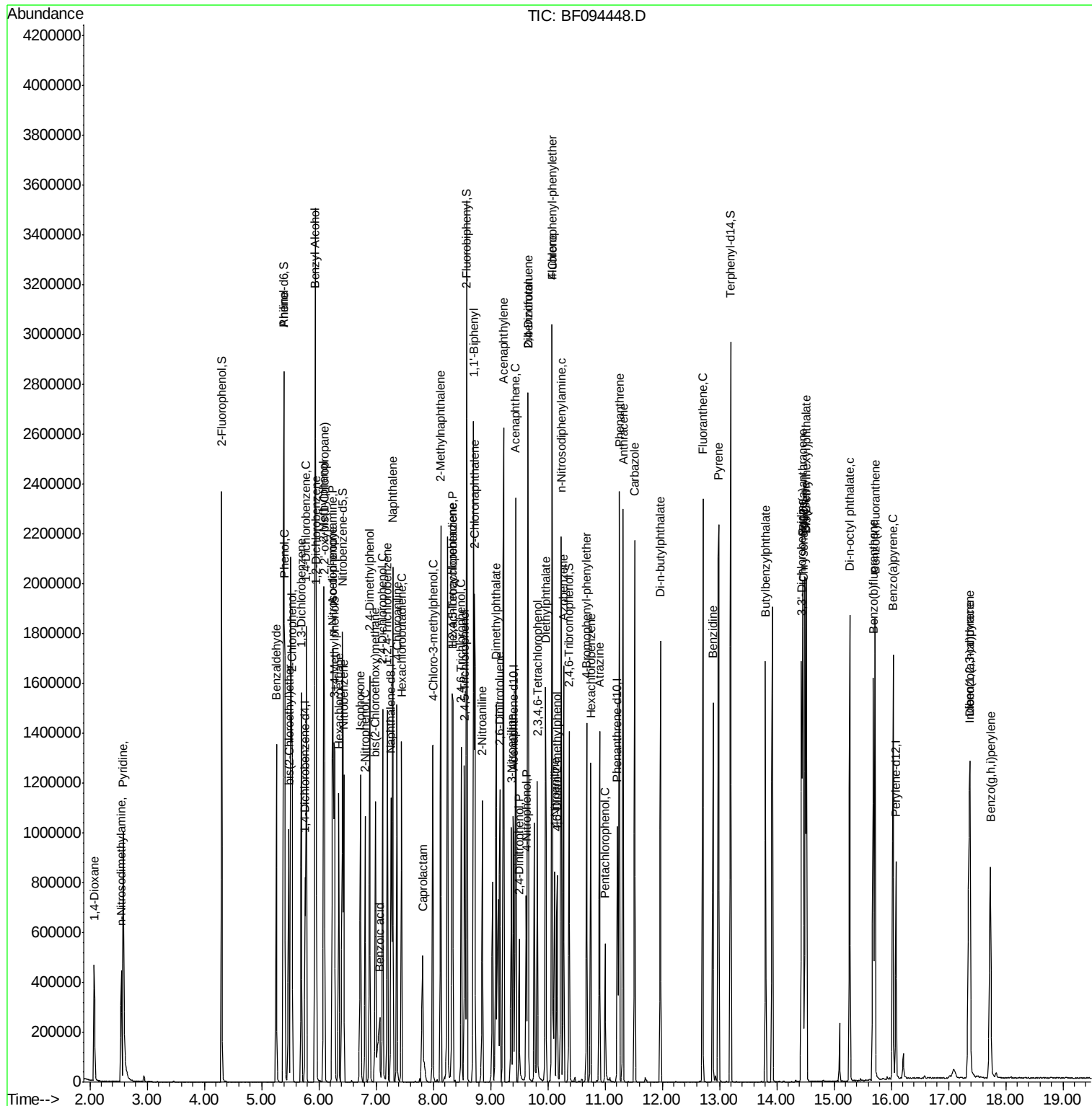
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	207669	40.03	nq	99
43) 2,4,5-Trichlorophenol	8.55	196	212858	39.96	nq	94
45) 1,1'-Biphenyl	8.70	154	845259	39.88	nq	97
46) 2-Chloronaphthalene	8.72	162	673666	39.97	nq	94
47) 2-Nitroaniline	8.86	65	199496	41.15	nq	# 85
48) Acenaphthylene	9.23	152	1043042	39.70	nq	99
49) Dimethylphthalate	9.10	163	772556	39.96	nq	99
50) 2,6-Dinitrotoluene	9.16	165	176486	40.67	nq	# 91
51) Acenaphthene	9.44	154	621319	39.49	nq	98
52) 3-Nitroaniline	9.37	138	204004	40.63	nq	88
53) 2,4-Dinitrophenol	9.50	184	88002	40.44	nq	# 72
54) Dibenzofuran	9.66	168	890578	38.94	nq	100
55) 4-Nitrophenol	9.62	139	139176	39.24	nq	# 79
56) 2,4-Dinitrotoluene	9.66	165	217526	40.85	nq	# 71
57) Fluorene	10.07	166	703531	39.50	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	154871	40.56	nq	96
59) Diethylphthalate	9.96	149	721982	39.58	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	303718	40.98	nq	94
61) 4-Nitroaniline	10.12	138	196922	38.58	nq	95
62) Azobenzene	10.28	77	713643	40.29	nq	94
64) 4,6-Dinitro-2-methylphenol	10.16	198	126128	42.30	nq	# 70
65) n-Nitrosodiphenylamine	10.23	169	634301	40.07	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	182383	40.36	nq	99
67) Hexachlorobenzene	10.75	284	182869	40.15	nq	# 89
68) Atrazine	10.91	200	187108	39.51	nq	97
69) Pentachlorophenol	11.00	266	71201	39.37	nq	98
70) Phenanthrene	11.25	178	1023661	39.94	nq	98
71) Anthracene	11.32	178	1059533	39.97	nq	99
72) Carbazole	11.52	167	1001660	40.25	nq	98
73) Di-n-butylphthalate	11.97	149	1095241	39.98	nq	99
74) Fluoranthene	12.71	202	1056930	39.79	nq	99
76) Benzidine	12.89	184	626819	40.81	nq	99
77) Pyrene	12.99	202	1077566	40.66	nq	99
79) Butylbenzylphthalate	13.80	149	471284	40.58	nq	# 84
80) Benzo(a)anthracene	14.46	228	902068	40.92	nq	98
81) 3,3'-Dichlorobenzidine	14.43	252	318989	40.87	nq	# 96
82) Chrysene	14.50	228	818943	40.64	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	639881	41.03	nq	# 99
84) Di-n-octyl phthalate	15.27	149	1074908	41.09	nq	97
85) Indeno(1,2,3-cd)pyrene	17.36	276	733574	38.26	nq	99
87) Benzo(b)fluoranthene	15.69	252	855028	41.72	nq	98
88) Benzo(k)fluoranthene	15.72	252	757199	39.04	nq	# 94
89) Benzo(a)pyrene	16.03	252	770744	40.42	nq	100
90) Dibenzo(a,h)anthracene	17.38	278	608363	38.43	nq	100
91) Benzo(g,h,i)perylene	17.73	276	611059	37.91	nq	97

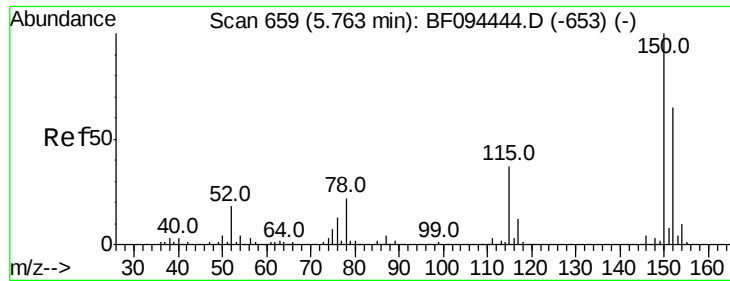
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

Instrument :

BNA_F

ClientSampleId :

ICVBF041717

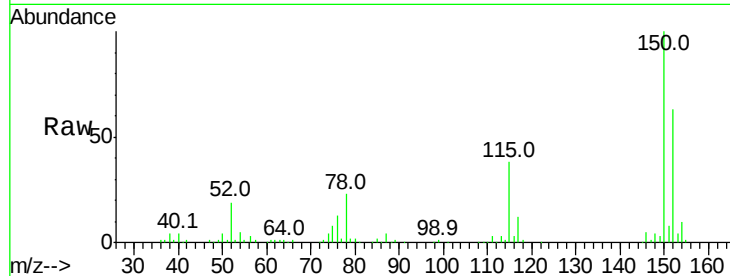
Tot Ion:152 Resp: 143342

Ion Ratio Lower Upper

152 100

150 159.4 126.2 189.2

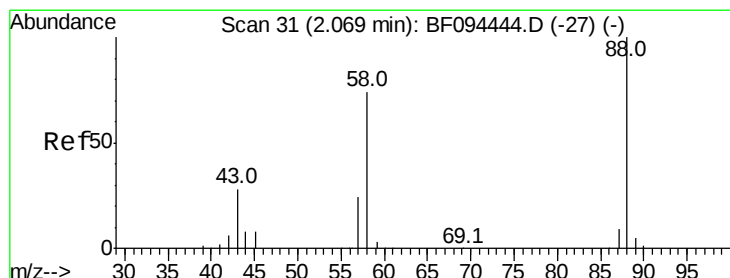
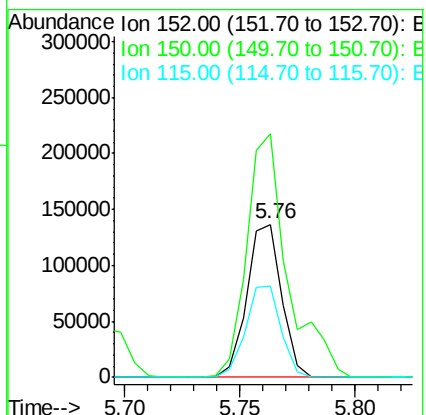
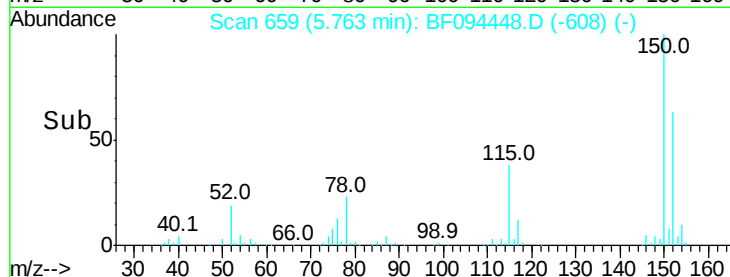
115 60.0 52.2 78.2



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



#2

1,4-Dioxane

Concen: 40.38 ng

RT: 2.08 min Scan# 32

Delta R.T. 0.01 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

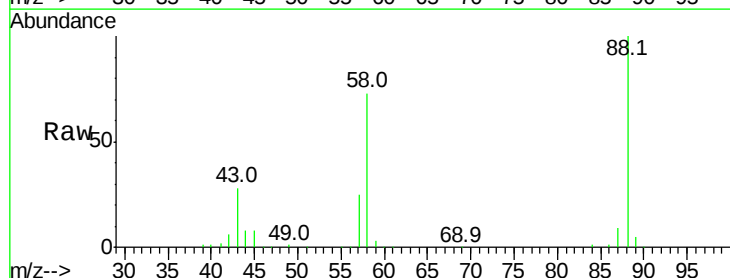
Tgt Ion: 88 Resp: 202877

Ion Ratio Lower Upper

88 100

58 73.0 61.4 92.0

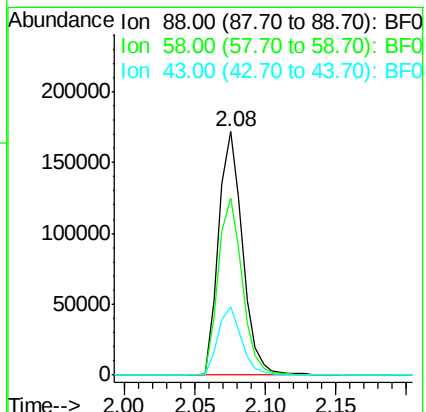
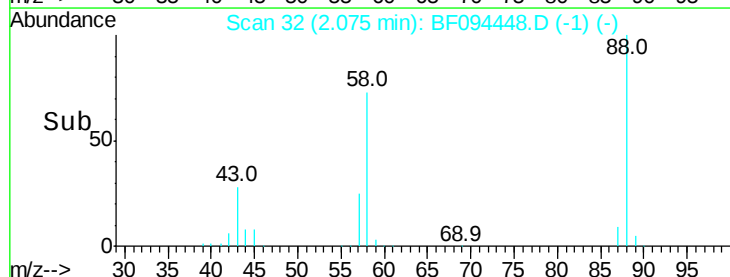
43 27.5 23.4 35.0

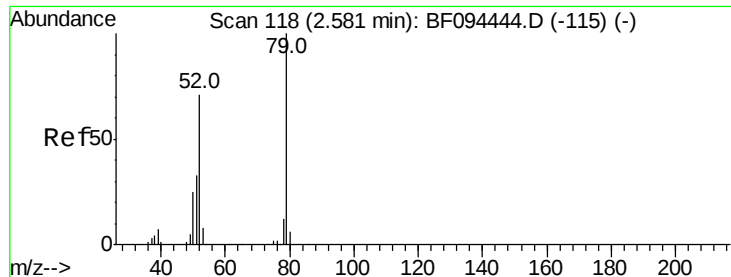


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 43.05 ng

RT: 2.58 min Scan# 118

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

Instrument :

BNA_F

ClientSampleId :

ICVBF041717

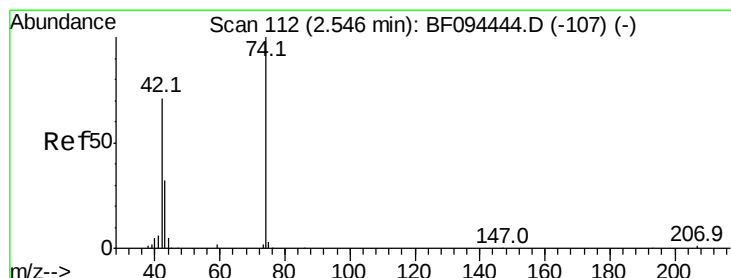
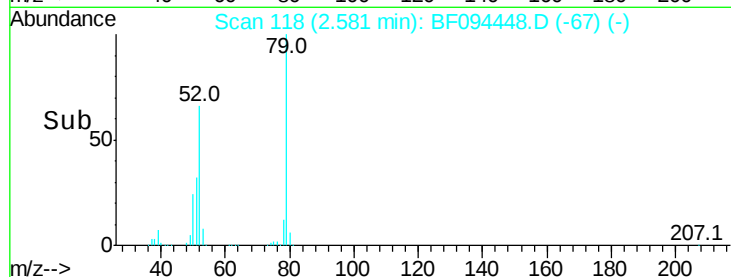
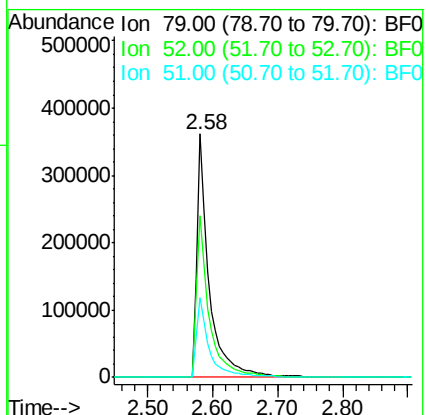
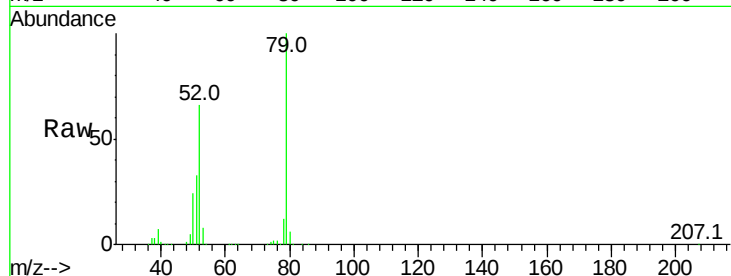
Tot Ion: 79 Resp: 472763

Ion Ratio Lower Upper

79 100

52 66.2 54.8 82.2

51 32.6 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 40.78 ng

RT: 2.55 min Scan# 113

Delta R.T. 0.01 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

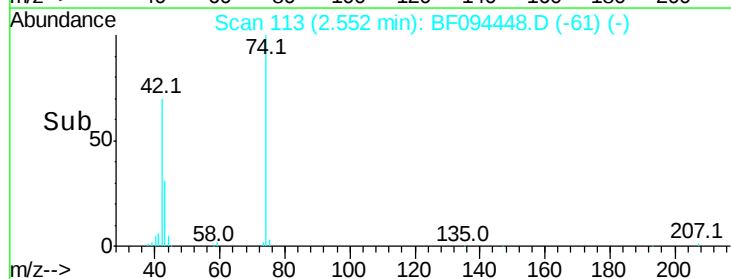
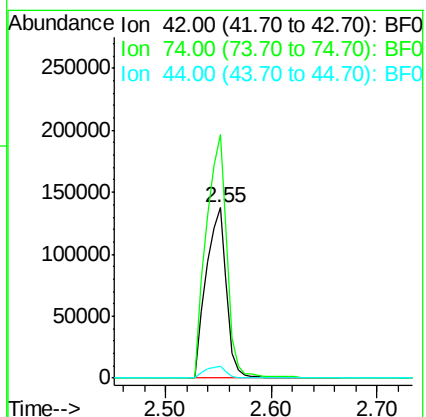
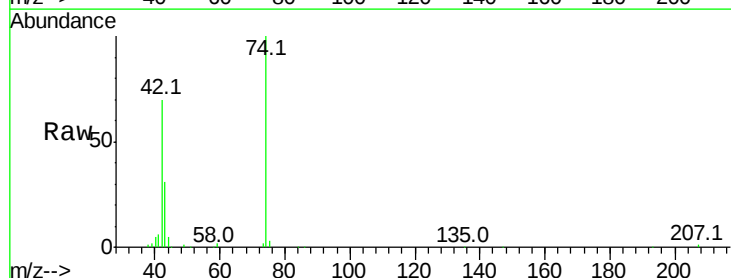
Tgt Ion: 42 Resp: 185299

Ion Ratio Lower Upper

42 100

74 142.8 103.9 155.9

44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 80.07 ng

RT: 4.30 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

Instrument :

BNA_F

ClientSampleId :

ICVBF041717

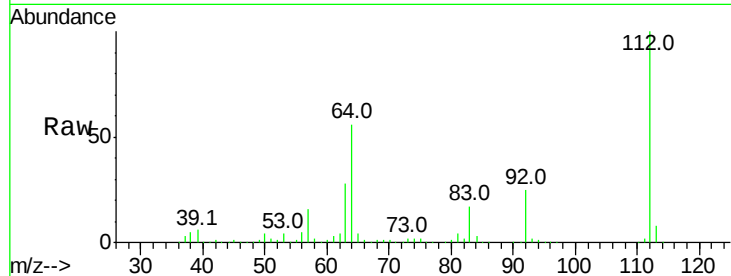
Tot Ion:112 Resp: 691819

Ion Ratio Lower Upper

112 100

64 56.2 46.0 69.0

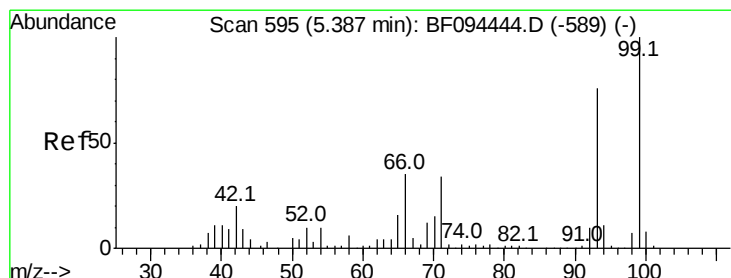
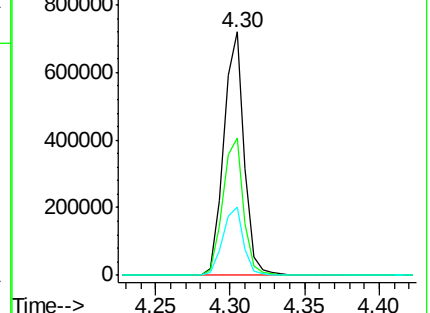
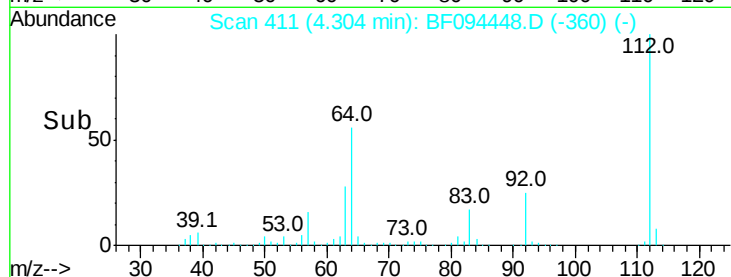
63 28.0 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.96 ng

RT: 5.39 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

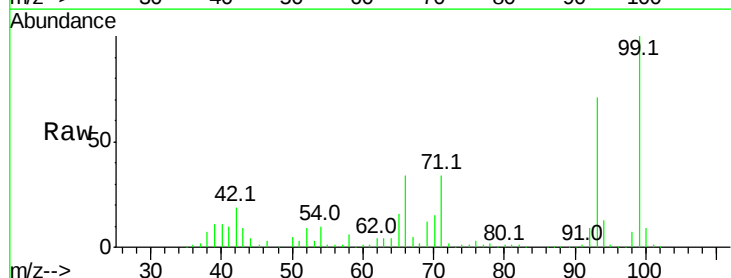
Tgt Ion: 93 Resp: 540959

Ion Ratio Lower Upper

93 100

66 47.7 32.9 49.3

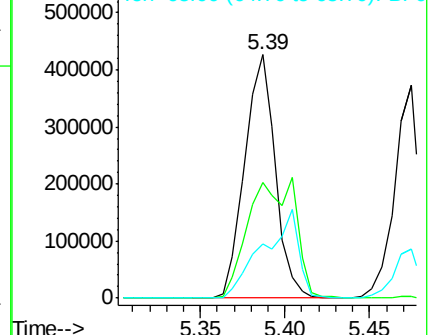
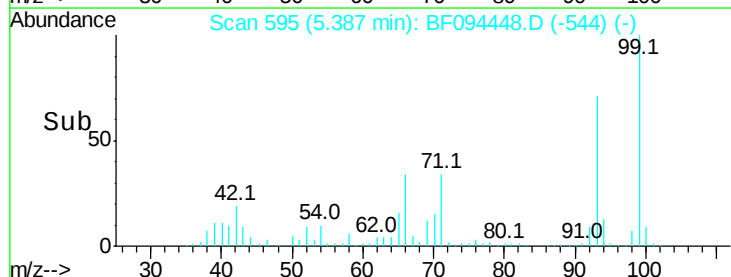
65 22.4 16.0 24.0

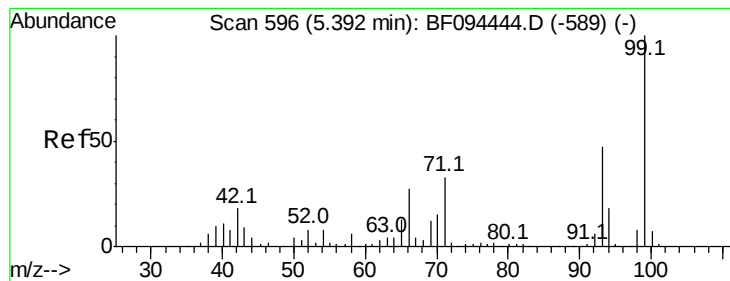


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.67 ng

RT: 5.39 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF094448.D

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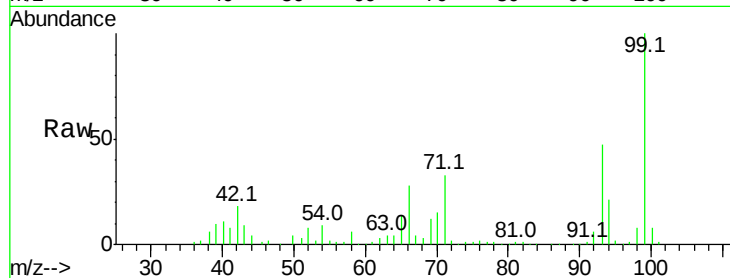
Tot Ion: 99 Resp: 821671

Ion Ratio Lower Upper

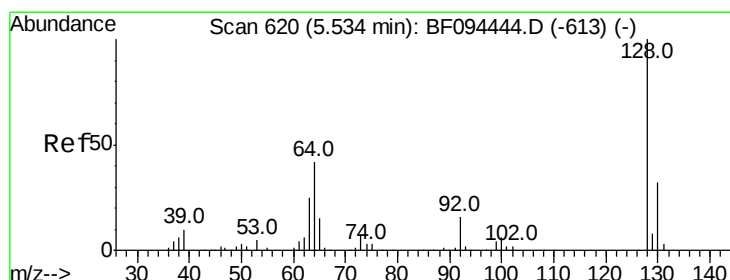
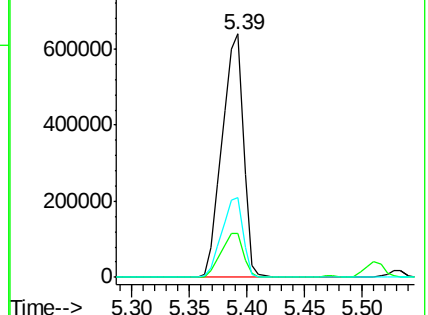
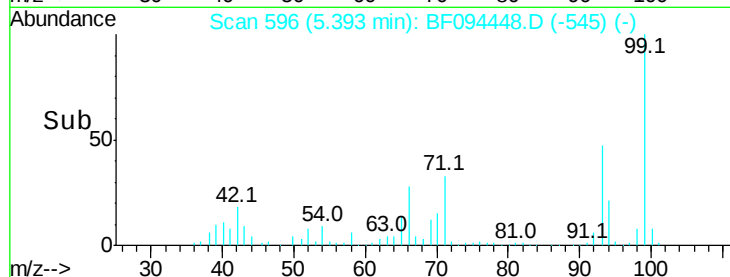
99 100

42 17.8 13.5 20.3

71 32.6 24.5 36.7



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



#8

2-Chlorophenol

Concen: 40.77 ng

RT: 5.53 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

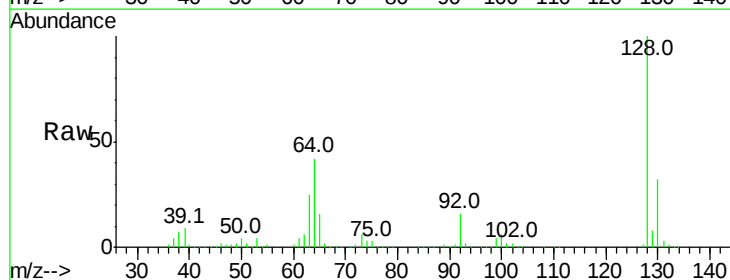
Tgt Ion: 128 Resp: 400849

Ion Ratio Lower Upper

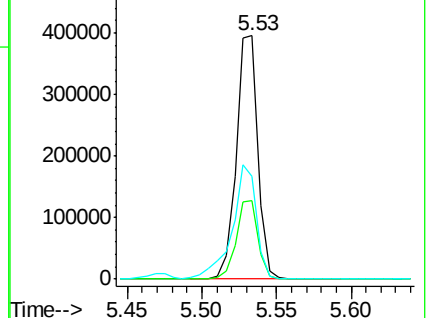
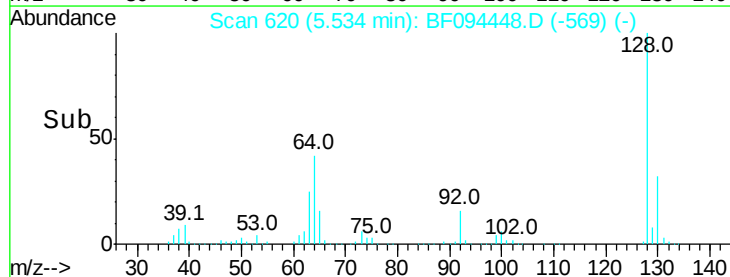
128 100

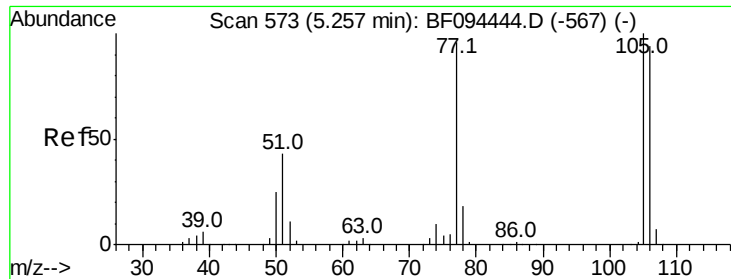
130 32.3 12.9 52.9

64 42.3 28.4 68.4



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

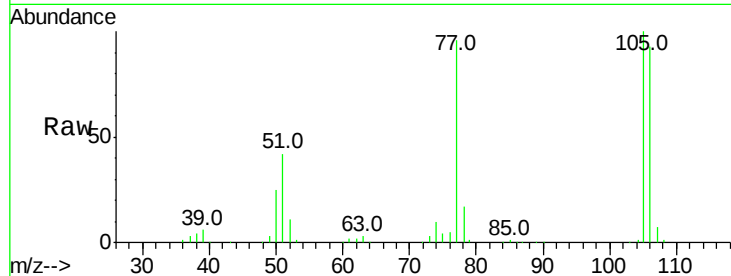




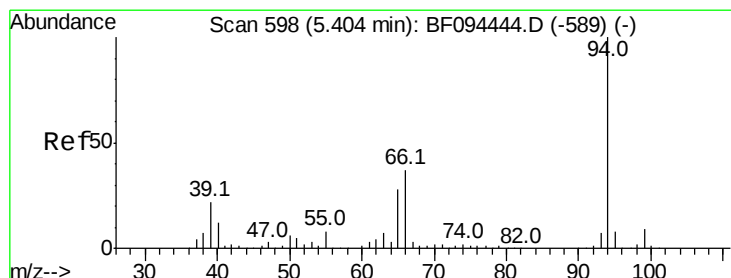
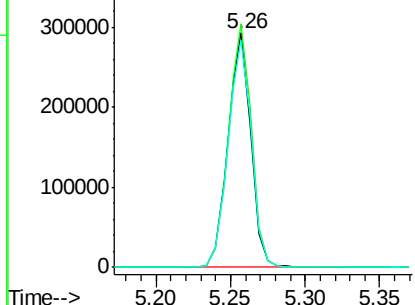
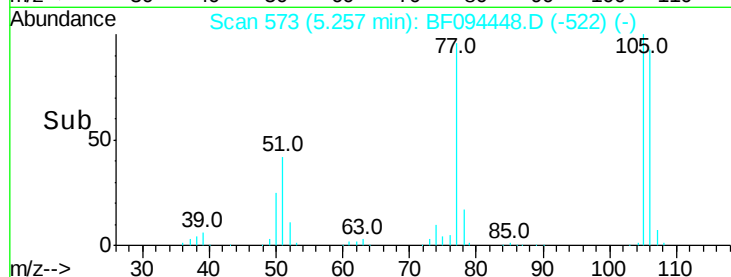
#9
Benzaldehyde
Concen: 40.85 ng
RT: 5.26 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF094448.D
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Tot Ion: 77 Resp: 316486
Ion Ratio Lower Upper
77 100
105 103.9 83.8 123.8
106 96.6 79.1 119.1

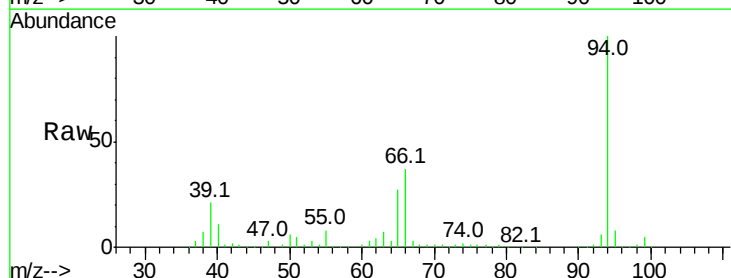


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

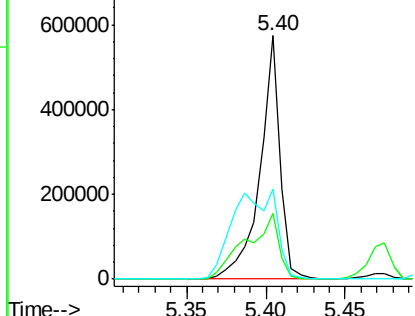
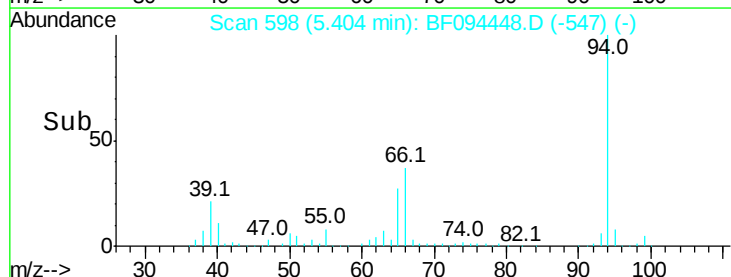


#10
Phenol
Concen: 40.86 ng
RT: 5.40 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

Tgt Ion: 94 Resp: 511302
Ion Ratio Lower Upper
94 100
65 27.2 9.9 49.9
66 36.9 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

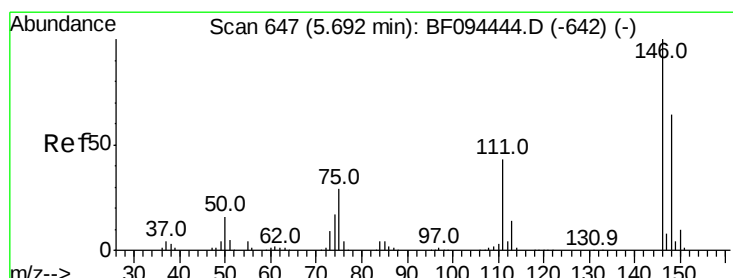
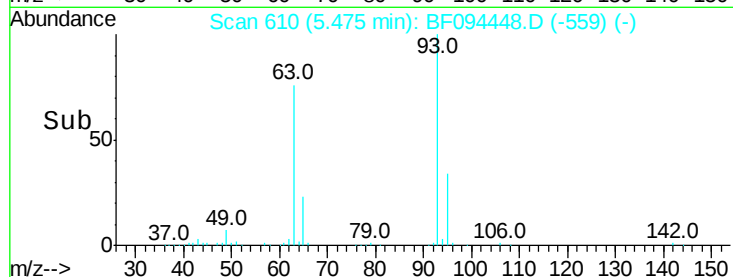
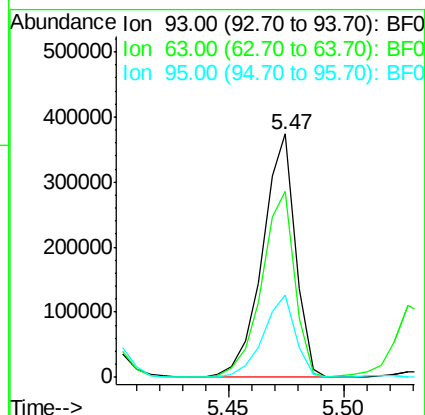
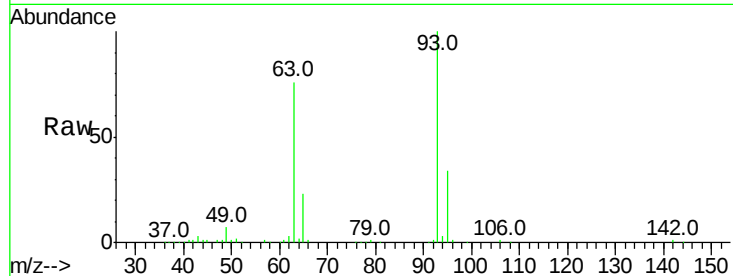




#11
bis(2-Chloroethyl)ether
Concen: 40.44 ng
RT: 5.47 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

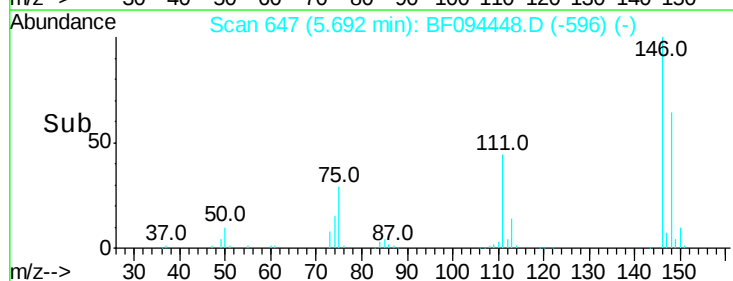
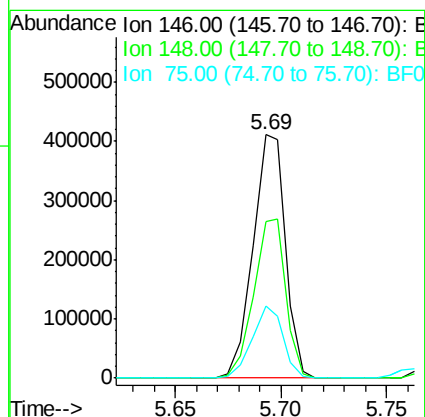
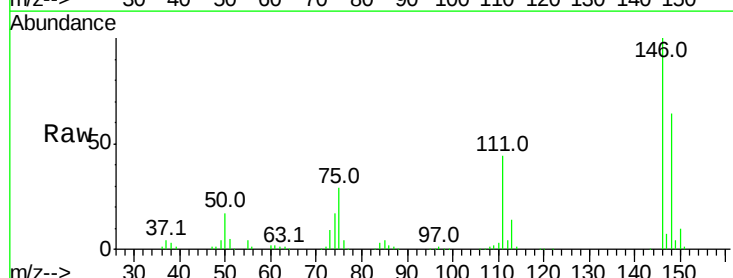
Instrument :
BNA_F
ClientSampleId :
ICVBF041717

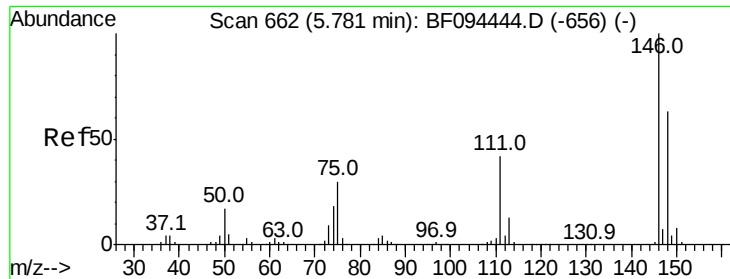
Tot Ion: 93 Resp: 369703
Ion Ratio Lower Upper
93 100
63 76.2 59.2 99.2
95 33.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.23 ng
RT: 5.69 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

Tgt Ion: 146 Resp: 438199
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.6
75 29.5 23.1 34.7

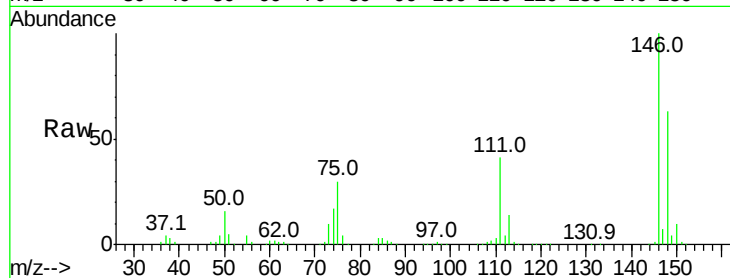




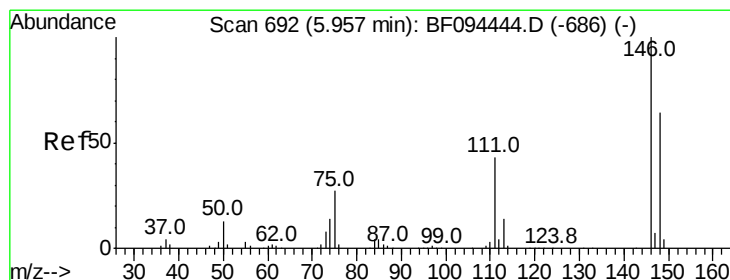
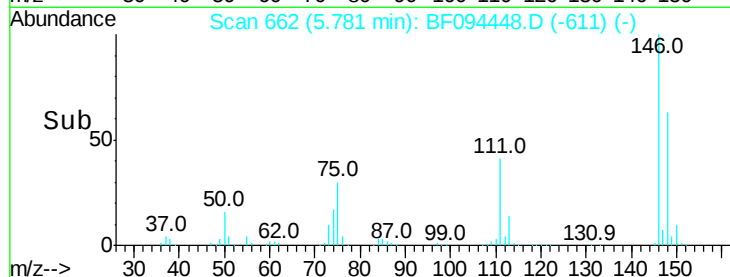
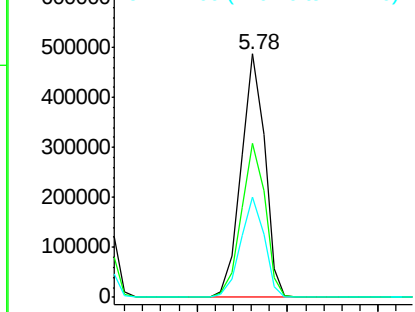
#13
 1,4-Dichlorobenzene
 Concen: 40.46 ng
 RT: 5.78 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF094448.D
 Acq: 17 Apr 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041717

Tot Ion:146 Resp: 443427
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.2
 111 41.1 30.3 45.5

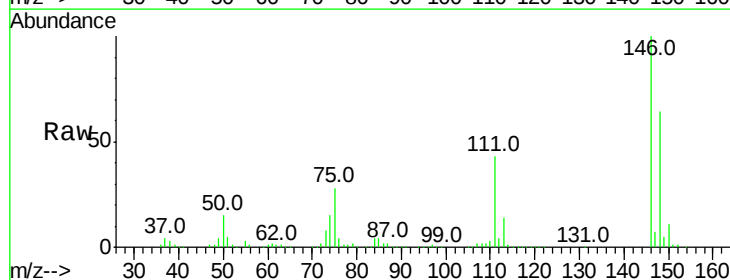


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

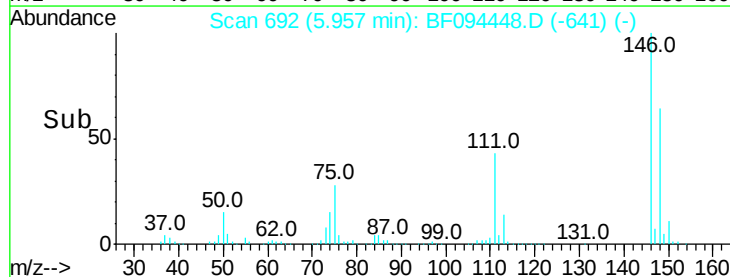
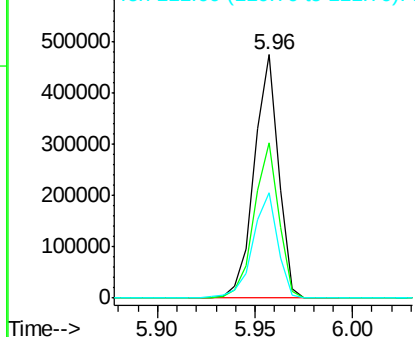


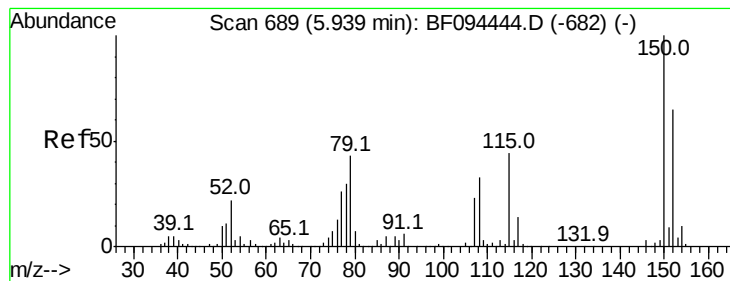
#14
 1,2-Dichlorobenzene
 Concen: 40.37 ng
 RT: 5.96 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF094448.D
 Acq: 17 Apr 2017 14:34

Tgt Ion:146 Resp: 407481
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.4 75.6
 111 43.3 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.53 ng

RT: 5.94 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

Instrument :

BNA_F

ClientSampleId :

ICVBF041717

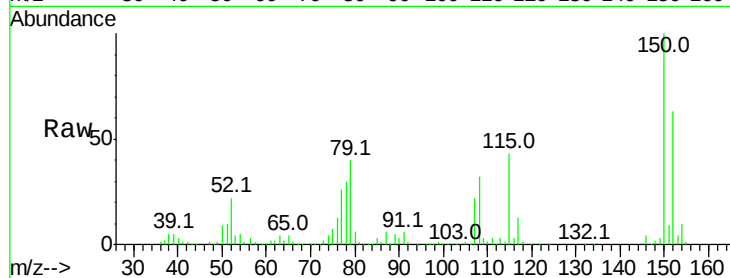
Tot Ion: 79 Resp: 306216

Ion Ratio Lower Upper

79 100

108 78.6 63.4 95.0

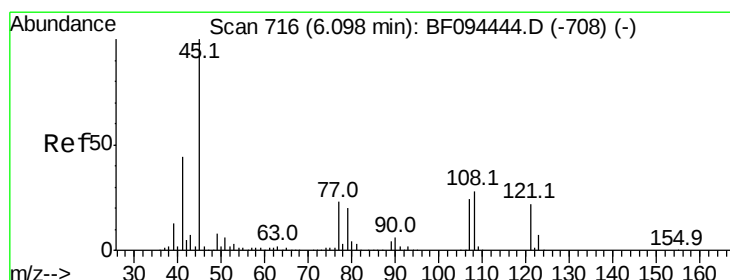
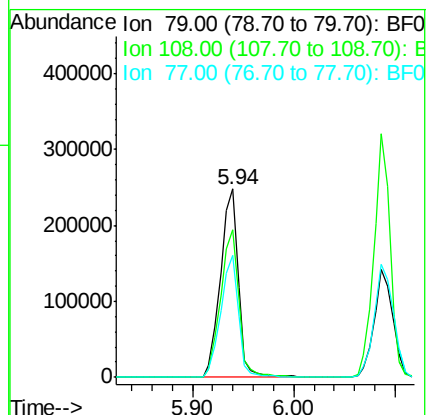
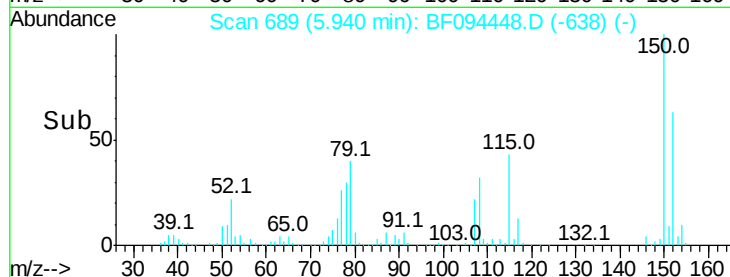
77 64.9 49.2 73.8



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: 40.18 ng

RT: 6.10 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

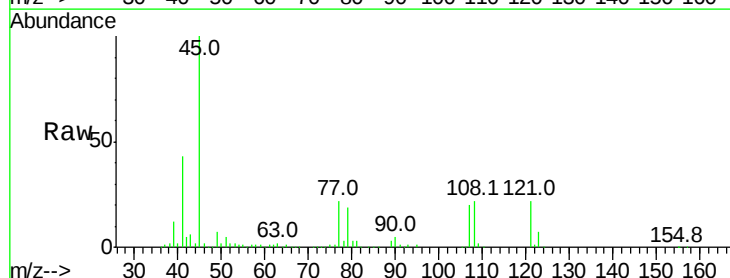
Tgt Ion: 45 Resp: 481536

Ion Ratio Lower Upper

45 100

77 21.8 0.0 33.2

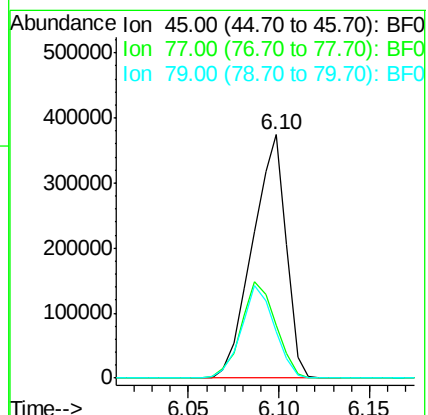
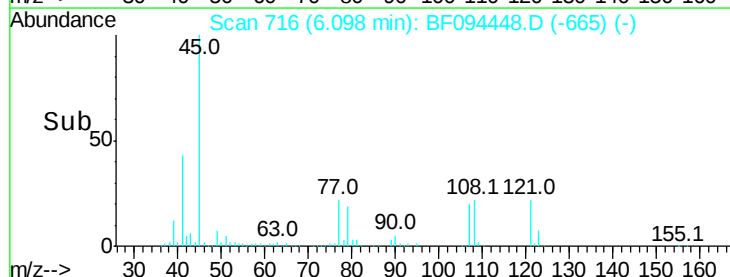
79 19.1 0.0 30.0

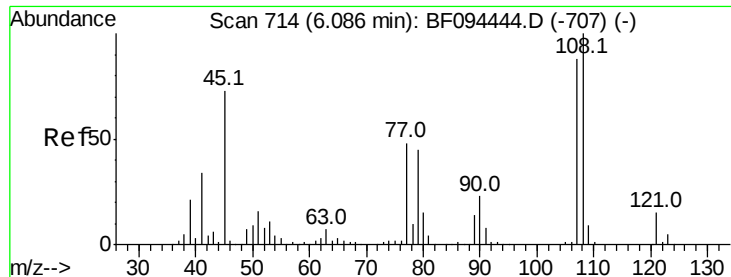


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

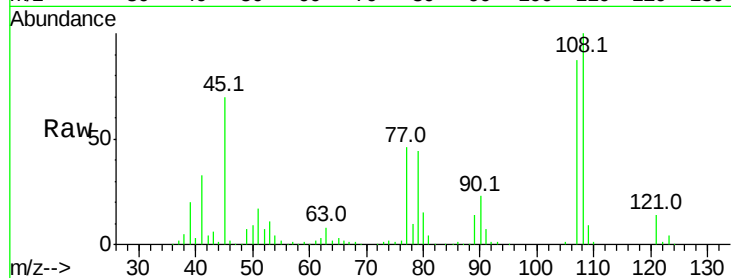




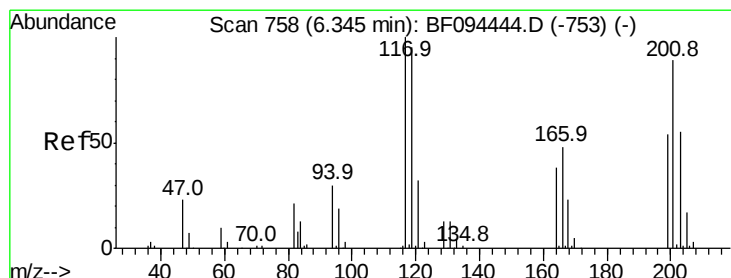
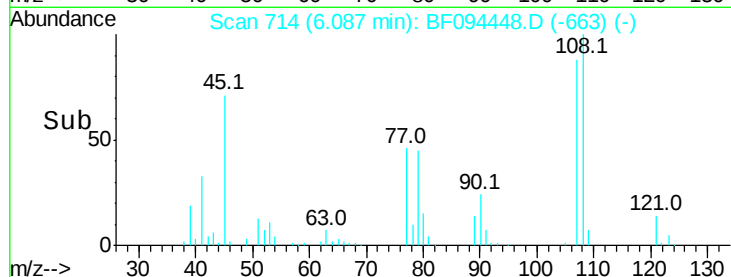
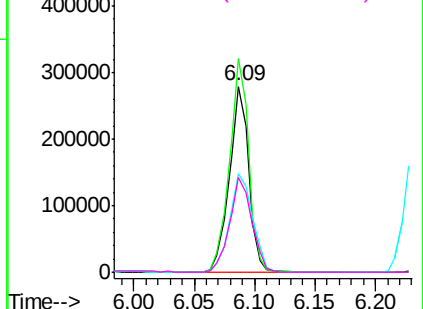
#17
2-Methylphenol
Concen: 40.42 ng
RT: 6.09 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

Instrument :
BNA_F
ClientSampleId :
ICVBF041717

Tot Ion:107 Resp: 312980
Ion Ratio Lower Upper
107 100
108 114.8 93.4 140.0
77 53.1 35.8 53.6
79 50.8 34.8 52.2

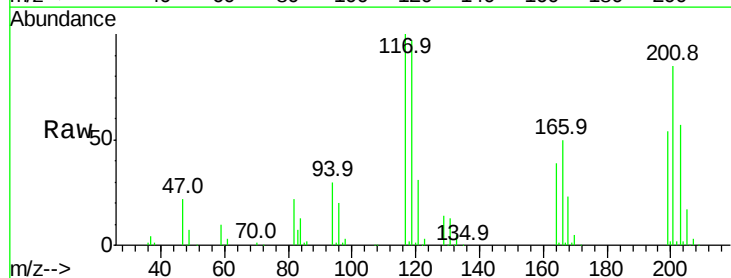


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

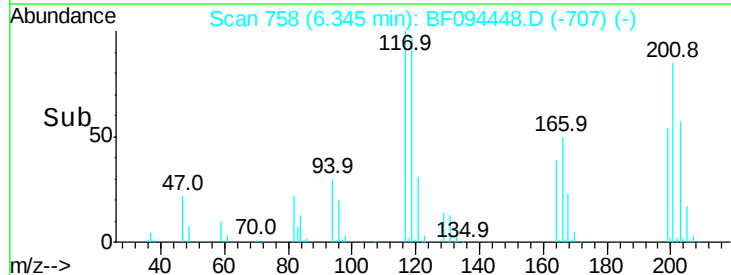
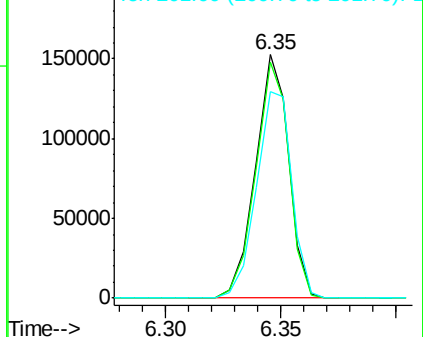


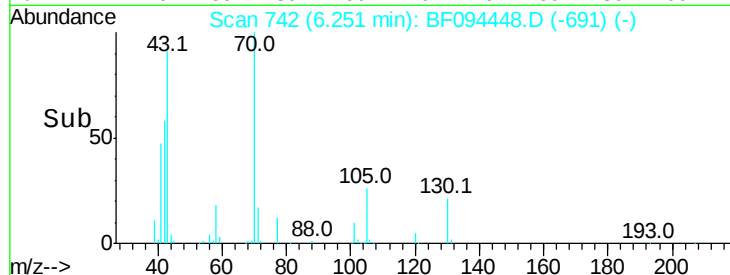
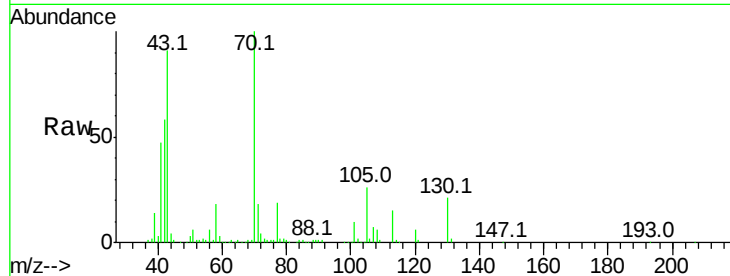
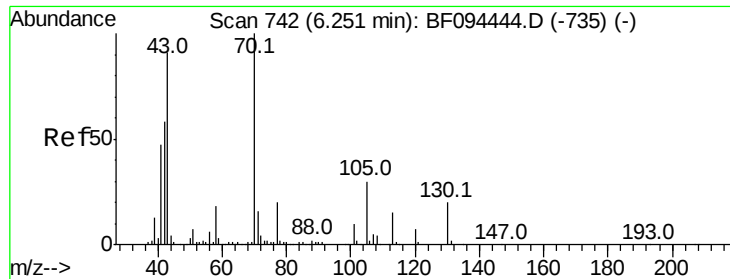
#18
Hexachloroethane
Concen: 40.72 ng
RT: 6.35 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

Tgt Ion:117 Resp: 152980
Ion Ratio Lower Upper
117 100
119 97.0 77.4 116.0
201 84.9 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

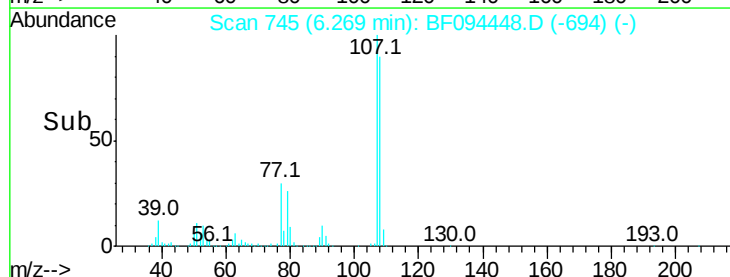
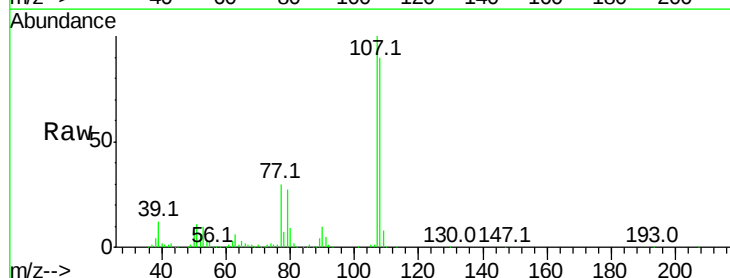
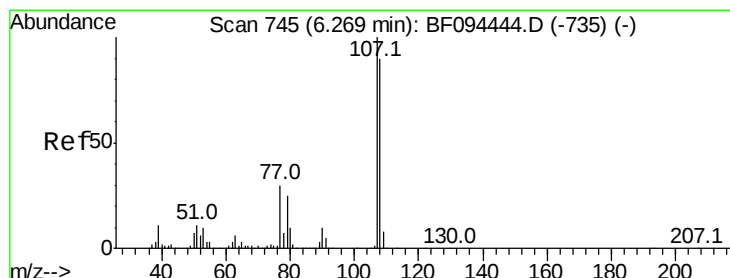
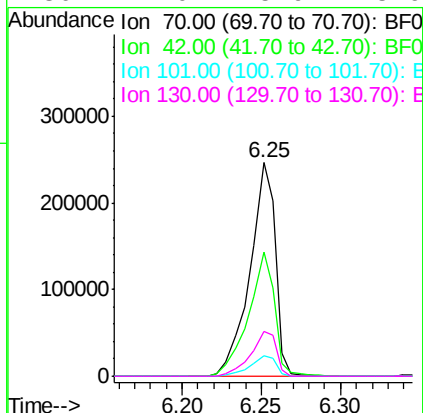




#19
n-Nitroso-di-n-propylamine
Concen: 40.86 ng
RT: 6.25 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

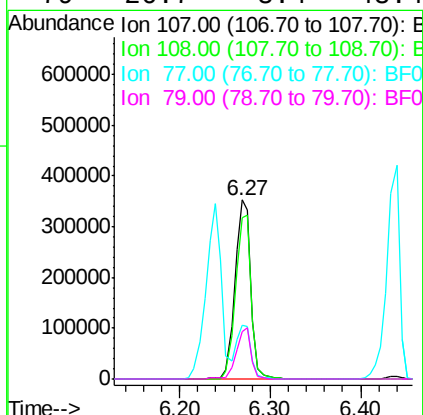
Instrument :
BNA_F
ClientSampleId :
ICVBF041717

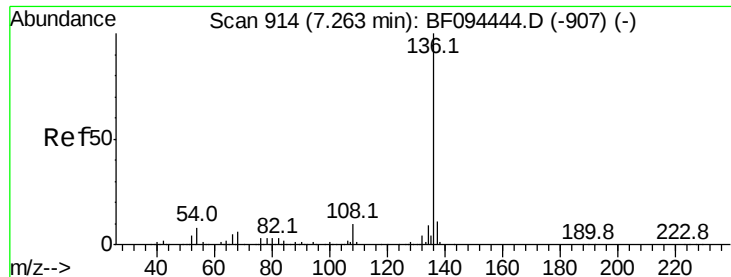
Tot Ion:	70	Resp:	275780
Ion	Ratio	Lower	Upper
70	100		
42	58.1	47.2	70.8
101	9.8	7.2	10.8
130	21.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 41.06 ng
RT: 6.27 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

Tgt Ion:	107	Resp:	431987
Ion	Ratio	Lower	Upper
107	100		
108	90.2	71.0	111.0
77	30.1	90.5	130.5#
79	26.7	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

Instrument :

BNA_F

ClientSampleId :

ICVBF041717

Tot Ion:136 Resp: 579613

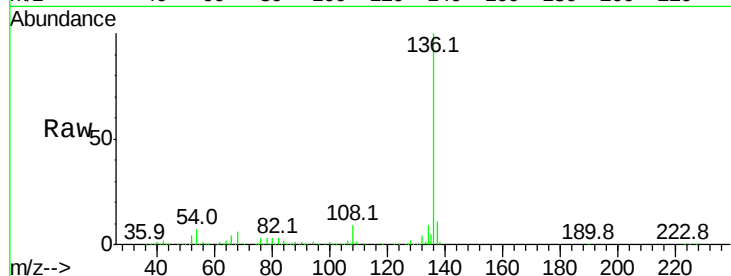
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.3 4.9 7.3

68 5.5 4.1 6.1

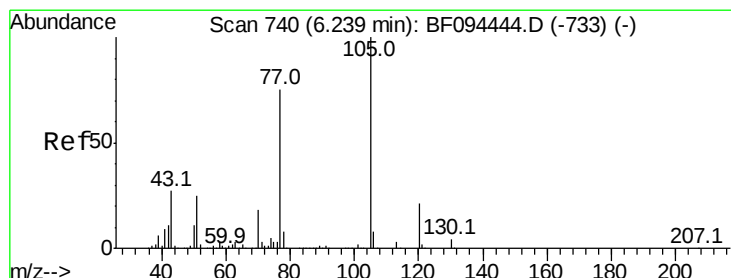
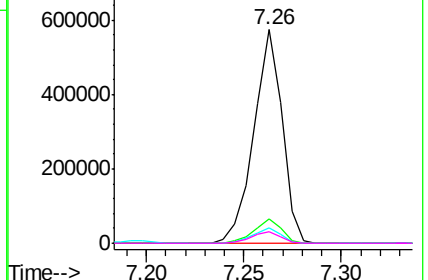
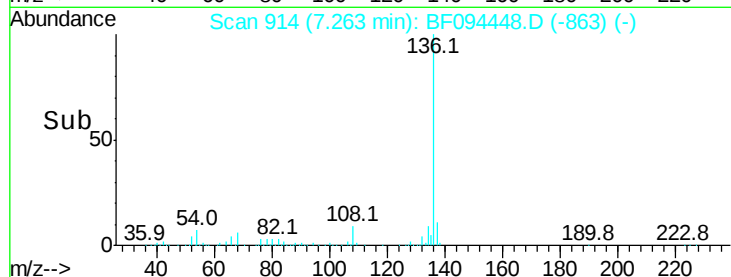


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.51 ng

RT: 6.24 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

Tgt Ion:105 Resp: 570919

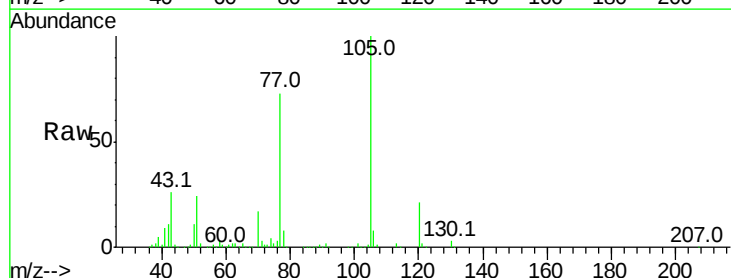
Ion Ratio Lower Upper

105 100

71 2.9 2.8 4.2

51 24.3 30.7 46.1#

120 21.3 17.4 26.0

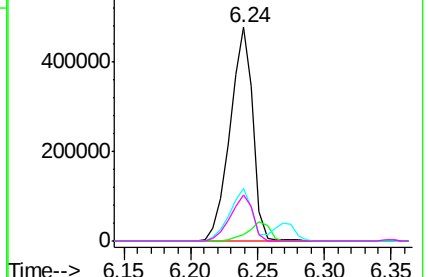
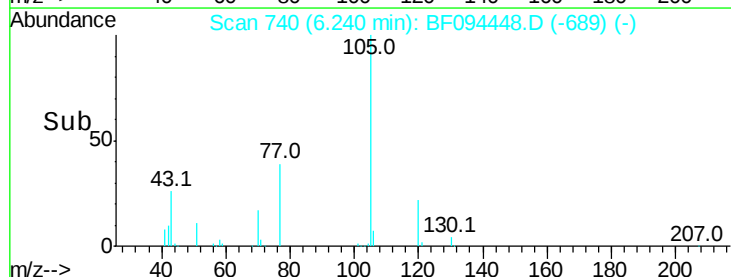


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

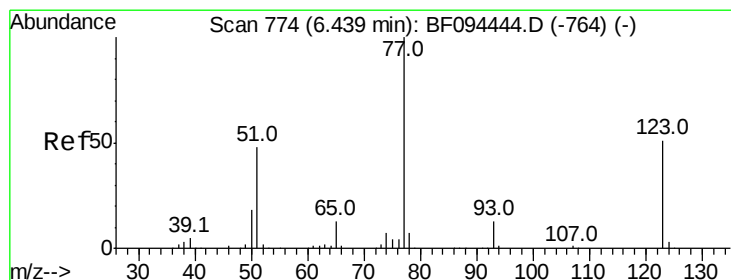
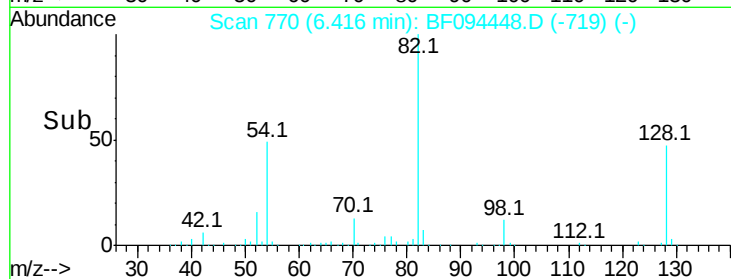
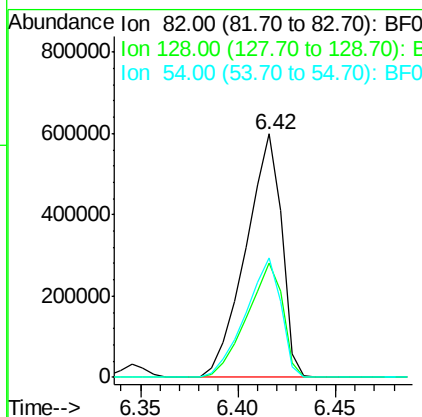
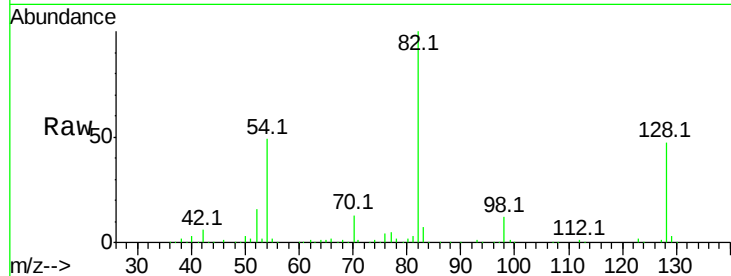




#23
Nitrobenzene-d5
Concen: 81.28 ng
RT: 6.42 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

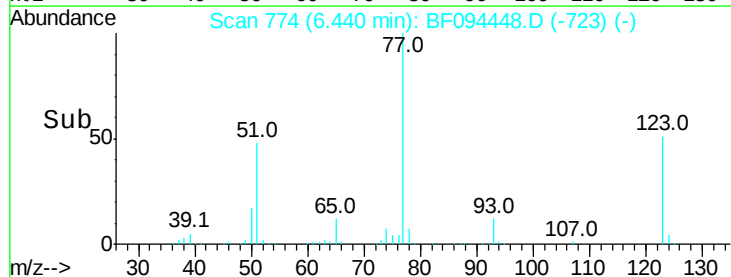
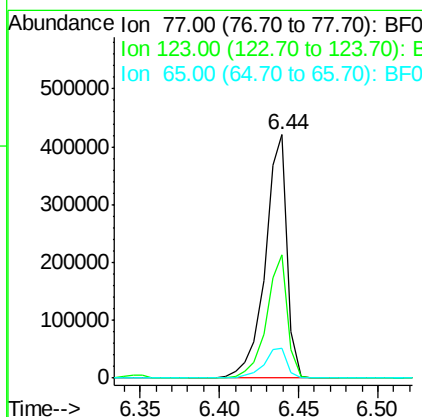
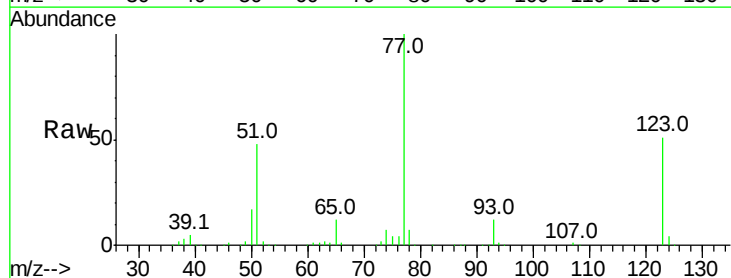
Instrument :
BNA_F
ClientSampleId :
ICVBF041717

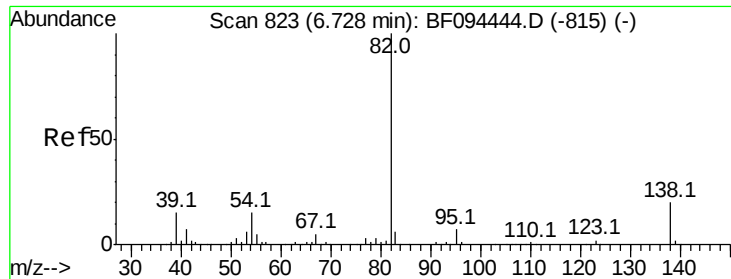
Tot Ion: 82 Resp: 762909
Ion Ratio Lower Upper
82 100
128 47.2 34.0 51.0
54 49.0 42.2 63.2



#24
Nitrobenzene
Concen: 40.93 ng
RT: 6.44 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

Tgt Ion: 77 Resp: 404570
Ion Ratio Lower Upper
77 100
123 50.6 35.8 53.8
65 12.4 10.6 15.8





#25

Isophorone

Concen: 40.28 ng

RT: 6.73 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

Instrument :

BNA_F

ClientSampleId :

ICVBF041717

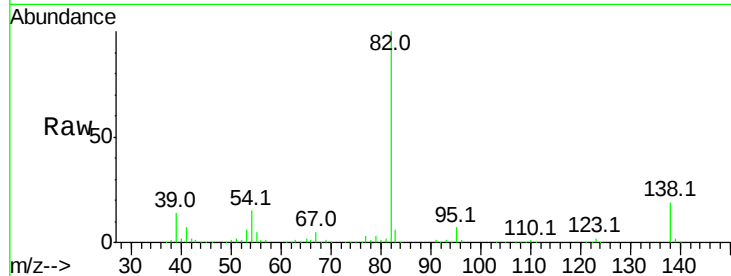
Tot Ion: 82 Resp: 700906

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

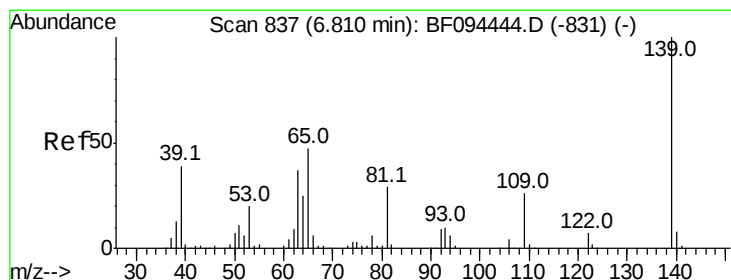
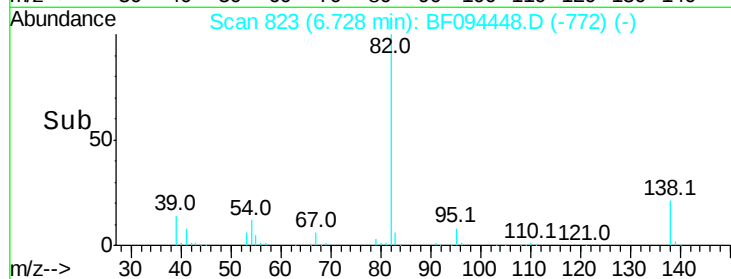
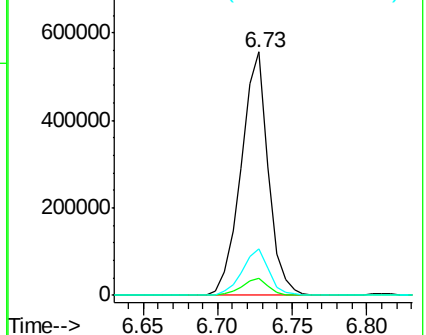
138 19.2 13.1 19.7



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: 41.69 ng

RT: 6.81 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

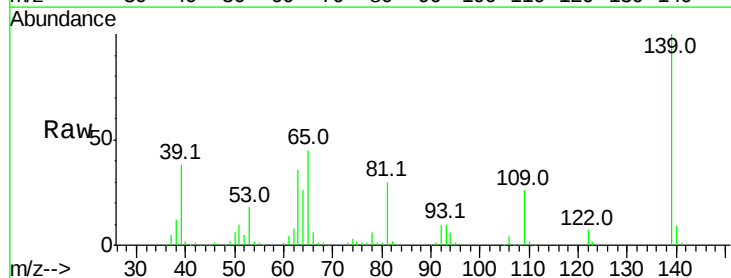
Tgt Ion: 139 Resp: 221384

Ion Ratio Lower Upper

139 100

109 25.7 21.0 31.6

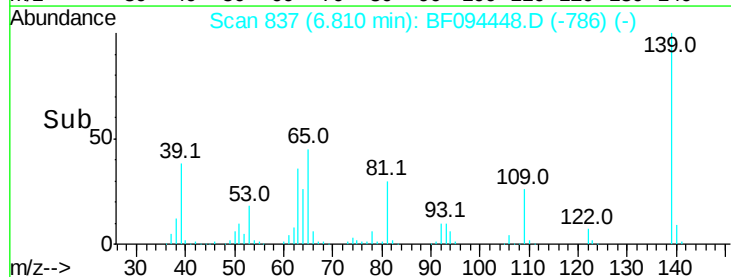
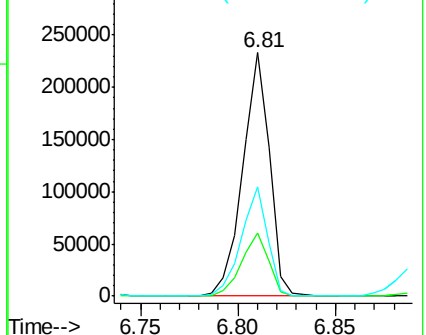
65 44.7 33.0 49.6

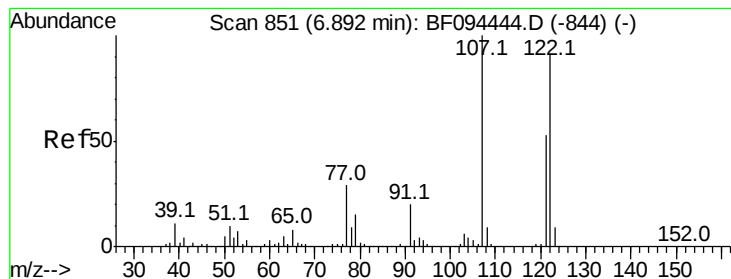


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.21 ng

RT: 6.89 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

Instrument :

BNA_F

ClientSampleId :

ICVBF041717

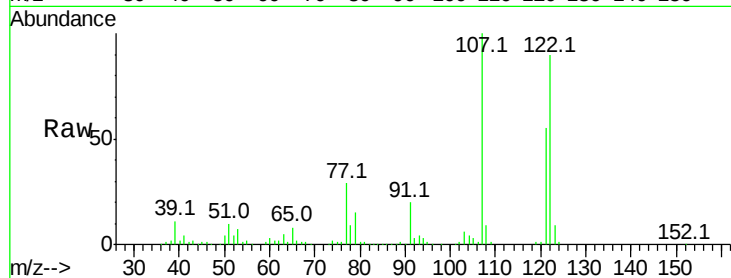
Tot Ion:122 Resp: 346854

Ion Ratio Lower Upper

122 100

107 111.7 89.2 133.8

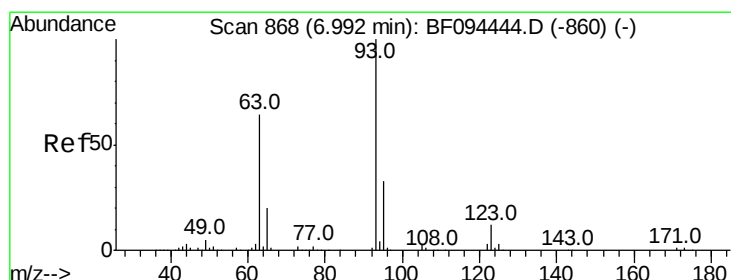
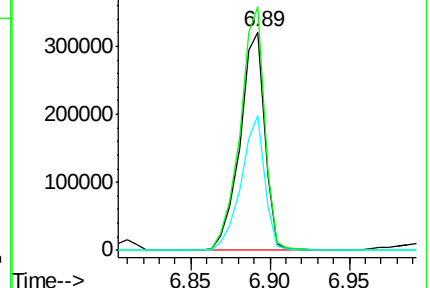
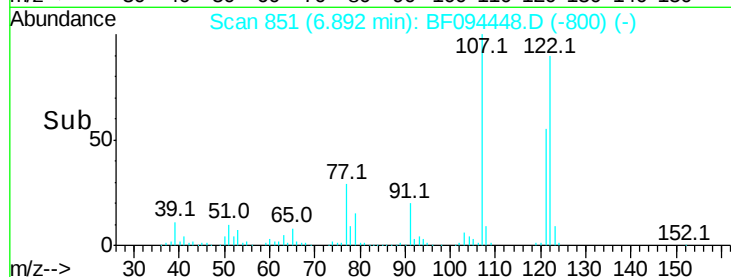
121 61.6 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.83 ng

RT: 6.99 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

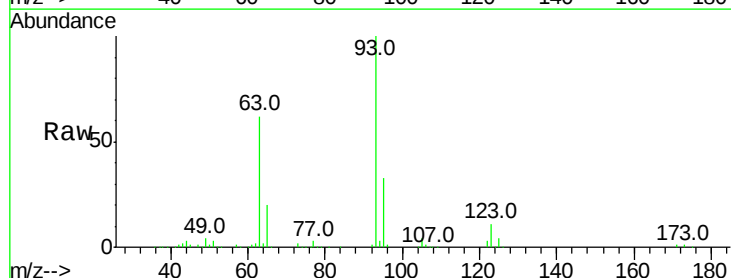
Tgt Ion: 93 Resp: 448354

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

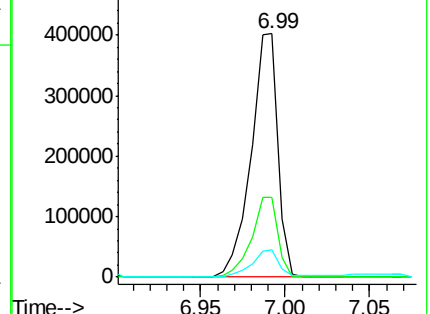
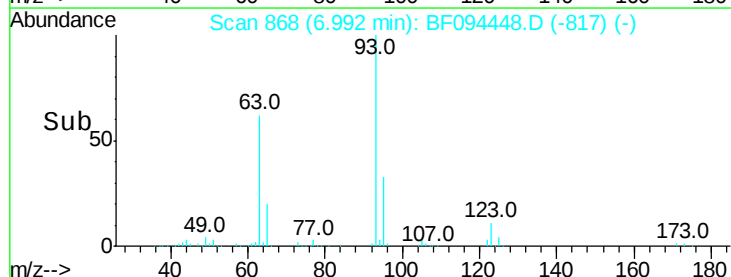
123 11.4 9.0 13.4

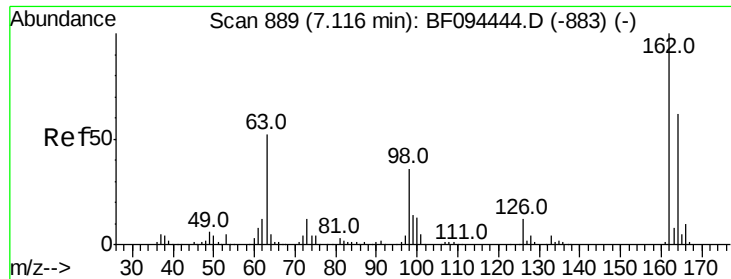


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

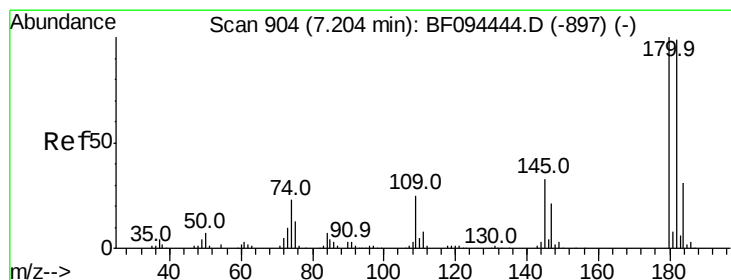
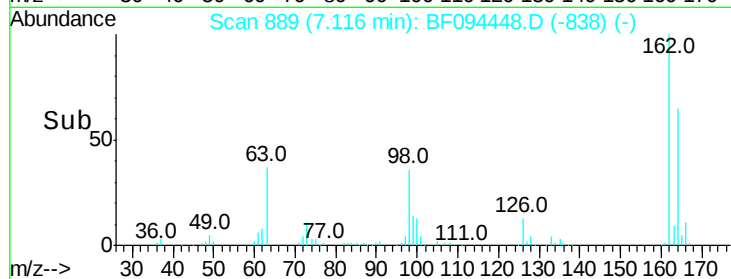
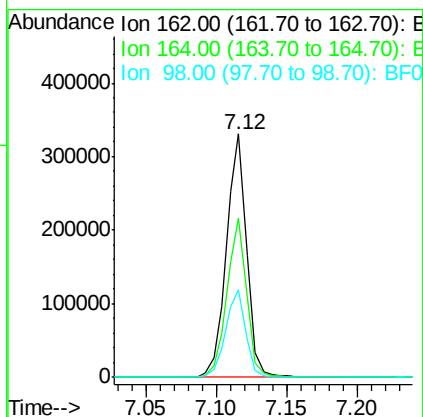
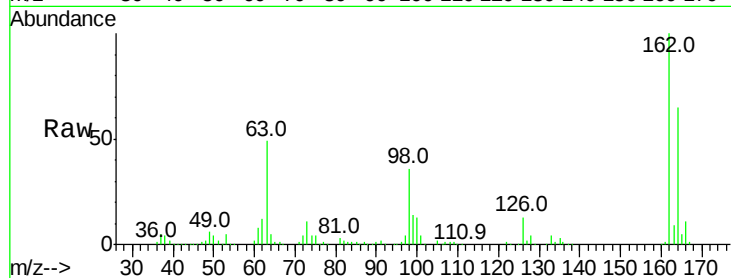




#29
 2,4-Dichlorophenol
 Concen: 40.88 ng
 RT: 7.12 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF094448.D
 Acq: 17 Apr 2017 14:34

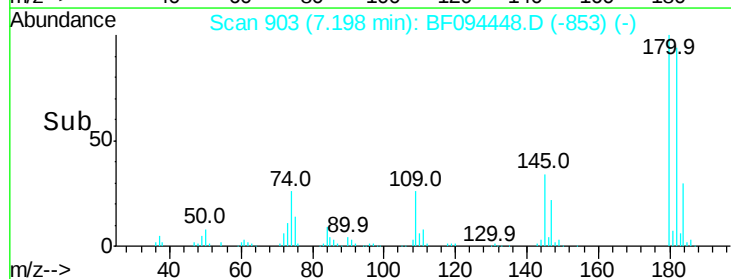
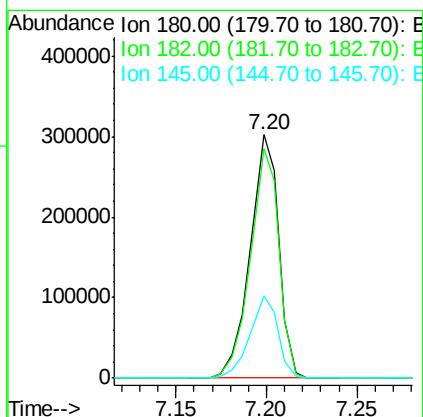
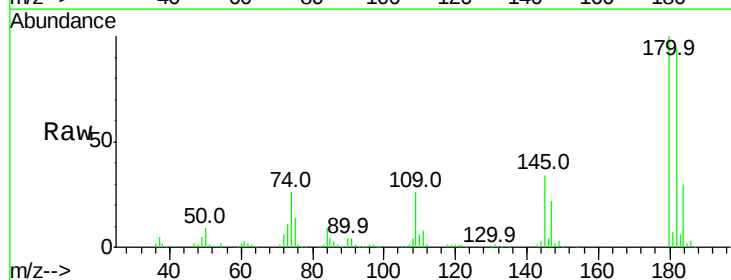
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041717

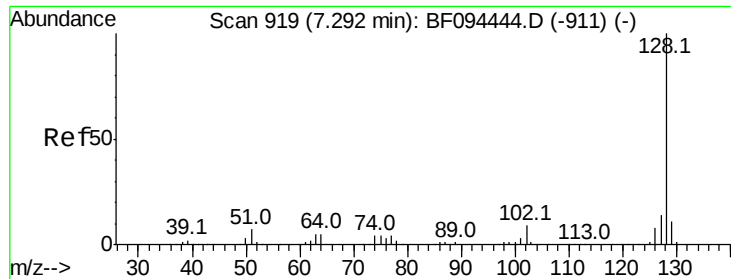
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.6	84.6
98	35.9	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 39.79 ng
 RT: 7.20 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF094448.D
 Acq: 17 Apr 2017 14:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.8	113.6
145	33.9	25.3	37.9

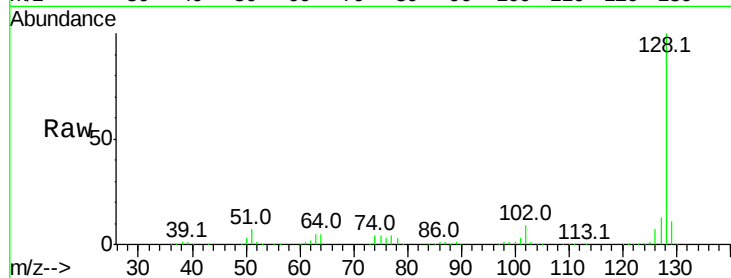




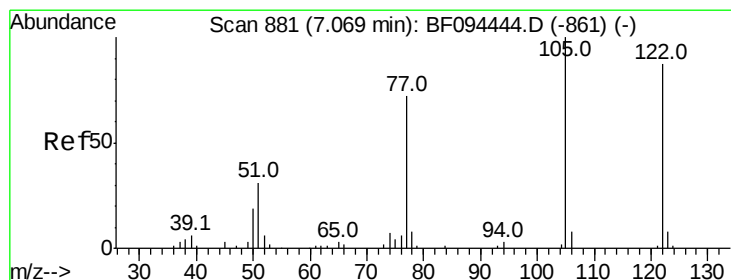
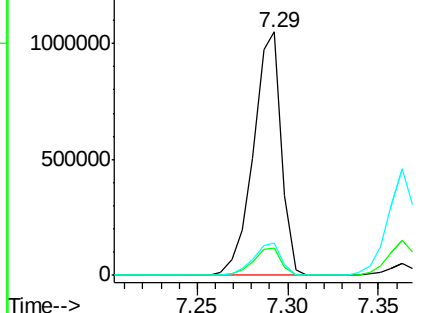
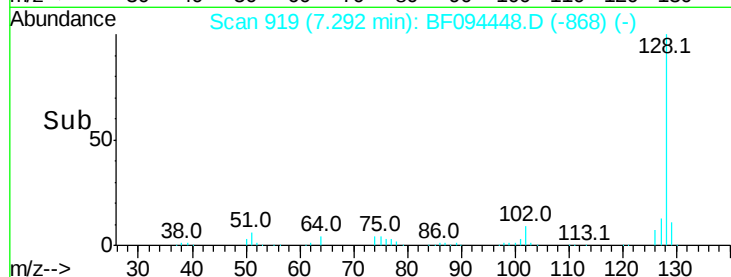
#31
Naphthalene
Concen: 40.20 ng
RT: 7.29 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

Instrument :
BNA_F
ClientSampleId :
ICVBF041717

Tot Ion:128 Resp: 1120246
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.2 10.8 16.2

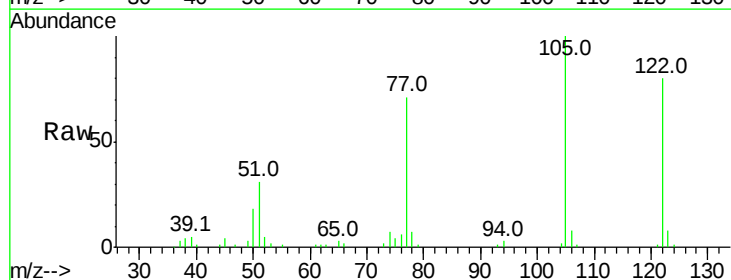


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

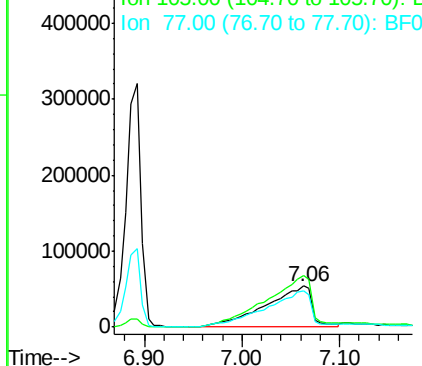
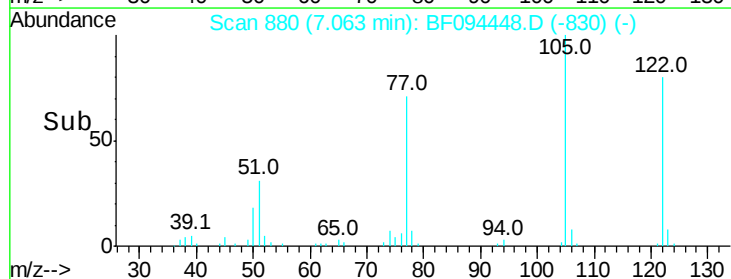


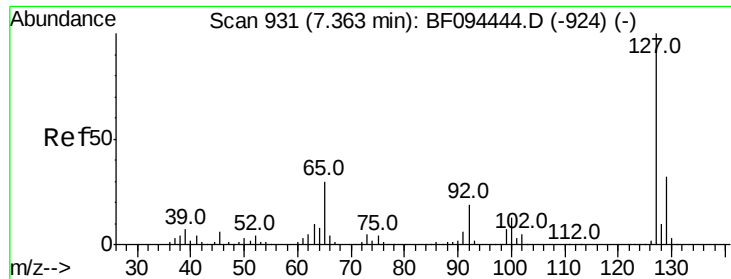
#32
Benzoic acid
Concen: 38.95 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

Tgt Ion:122 Resp: 177672
Ion Ratio Lower Upper
122 100
105 124.6 103.3 143.3
77 88.6 73.7 113.7



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

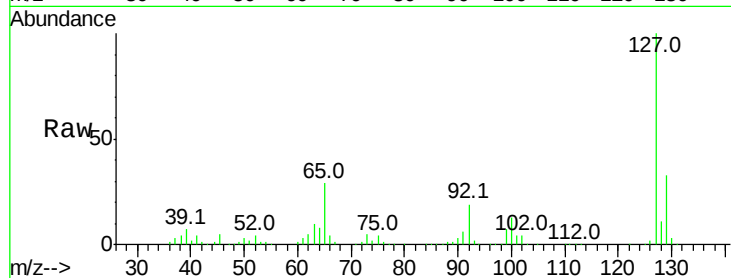




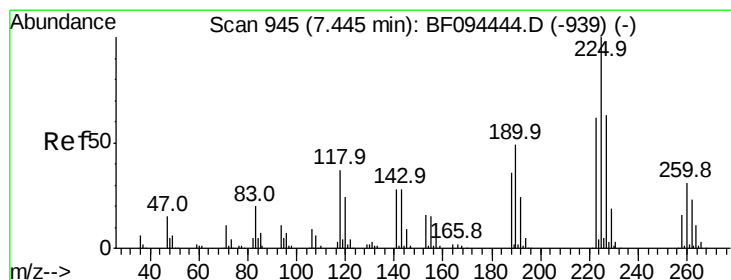
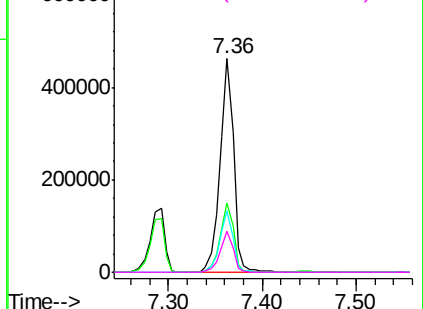
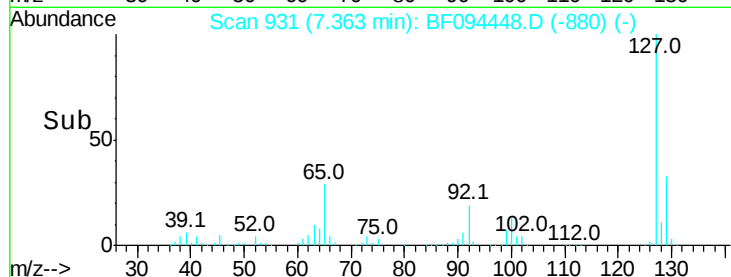
#33
4-Chloroaniline
Concen: 40.49 ng
RT: 7.36 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

Instrument :
BNA_F
ClientSampleId :
ICVBF041717

Tot Ion:	127	Resp:	469309
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	29.0	27.8	41.8
92	18.9	16.8	25.2

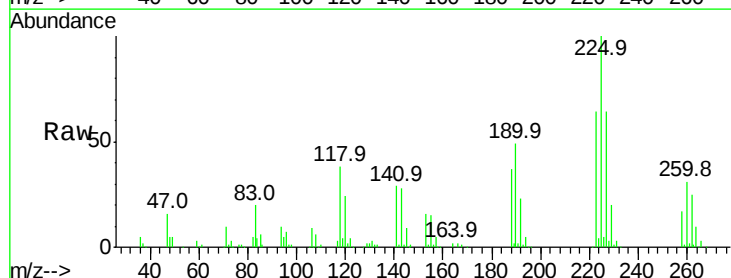


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

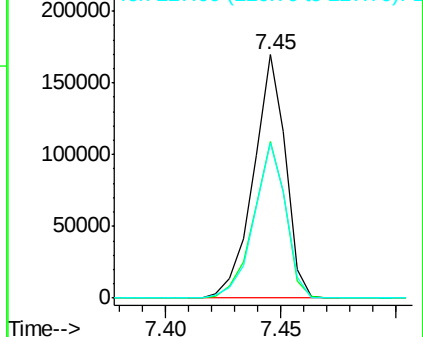
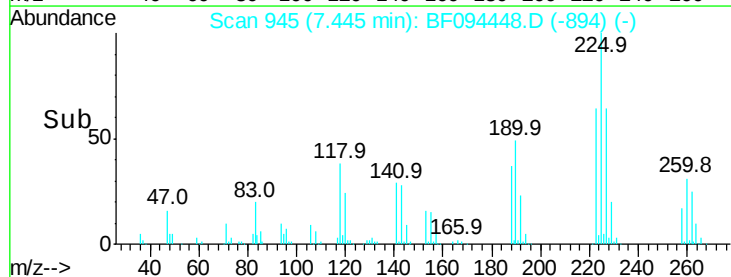


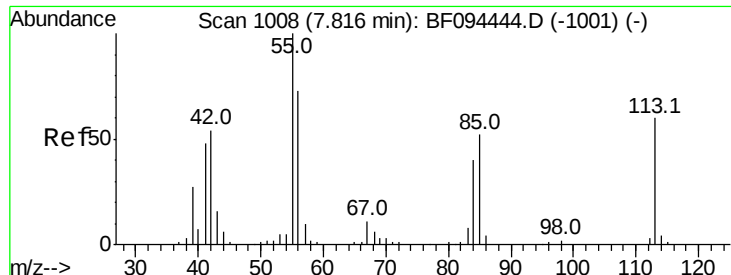
#34
Hexachlorobutadiene
Concen: 39.59 ng
RT: 7.45 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

Tgt Ion:	225	Resp:	163761
Ion	Ratio	Lower	Upper
225	100		
223	64.3	48.8	73.2
227	63.8	51.1	76.7



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

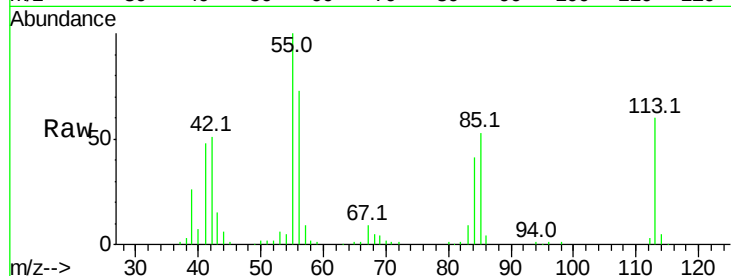




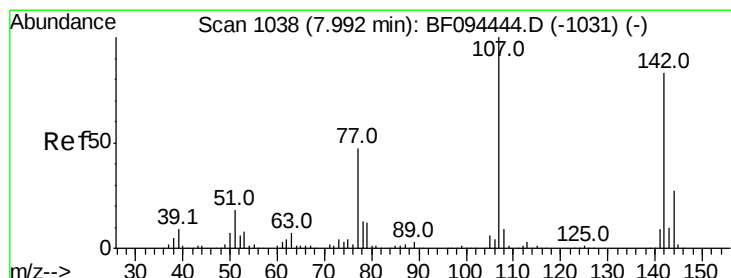
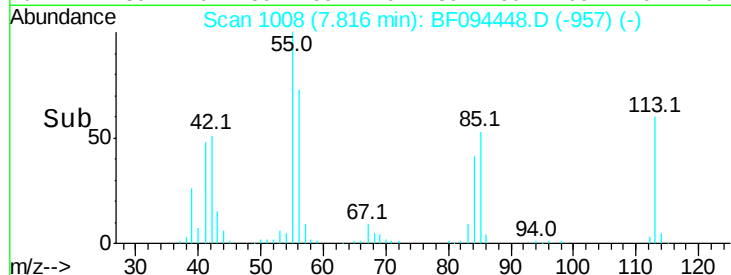
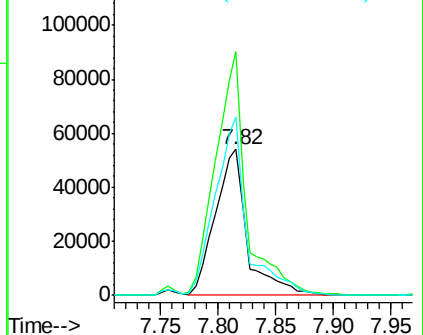
#35
 Caprolactam
 Concen: 41.38 ng
 RT: 7.82 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF094448.D
 Acq: 17 Apr 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041717

Tot Ion:113 Resp: 104327
 Ion Ratio Lower Upper
 113 100
 55 166.6 150.2 190.2
 56 121.6 107.8 147.8

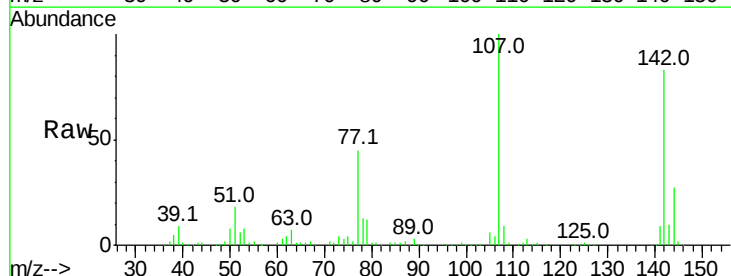


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

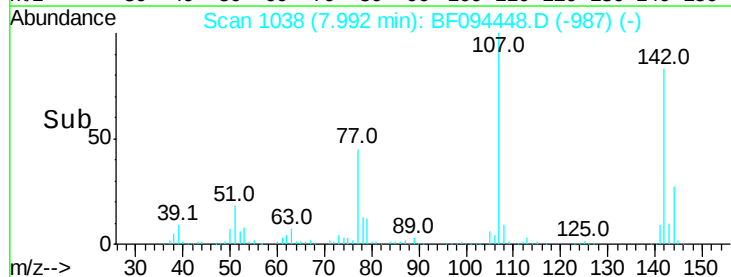
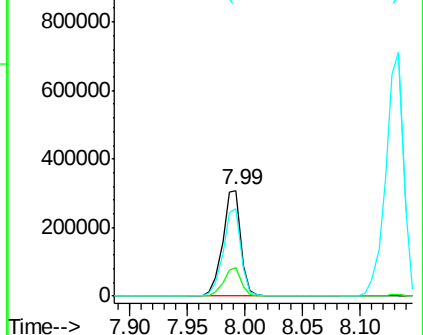


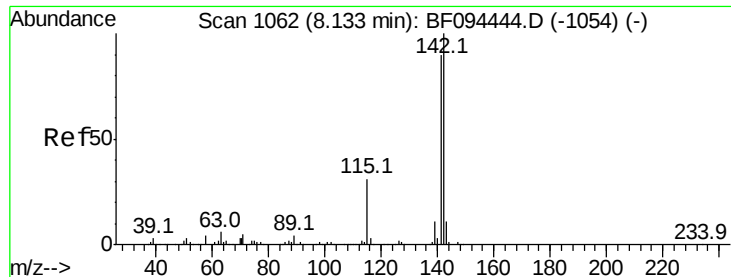
#36
 4-Chloro-3-methylphenol
 Concen: 40.14 ng
 RT: 7.99 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF094448.D
 Acq: 17 Apr 2017 14:34

Tgt Ion:107 Resp: 337583
 Ion Ratio Lower Upper
 107 100
 144 26.6 24.2 36.4
 142 83.3 73.4 110.0



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





#37

2-Methylnaphthalene

Concen: 40.11 ng

RT: 8.13 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

Instrument :

BNA_F

ClientSampleId :

ICVBF041717

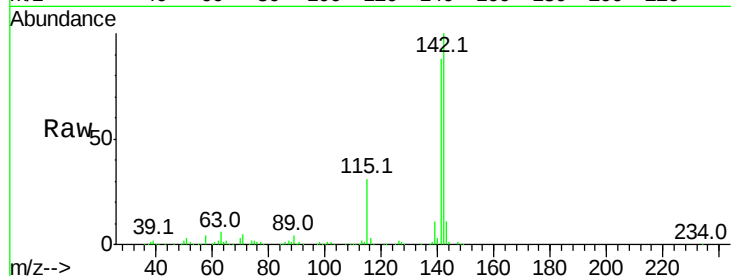
Tot Ion:142 Resp: 764672

Ion Ratio Lower Upper

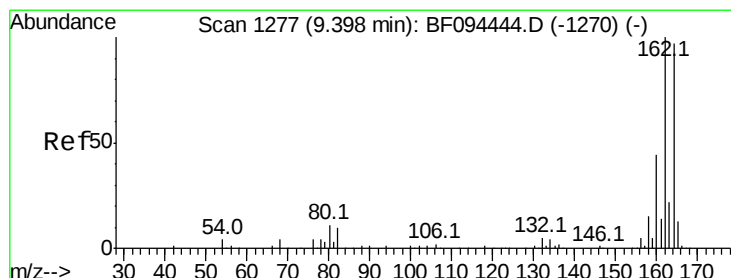
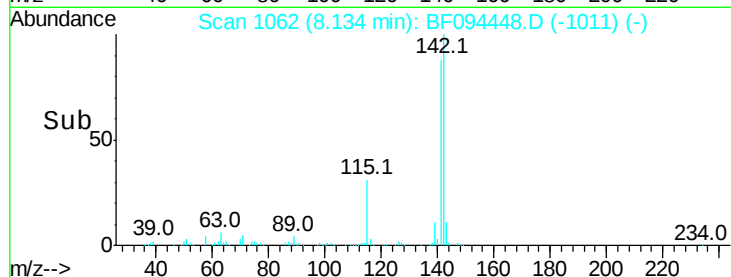
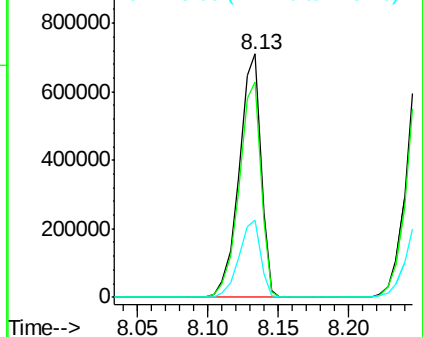
142 100

141 88.5 71.3 106.9

115 31.5 27.1 40.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

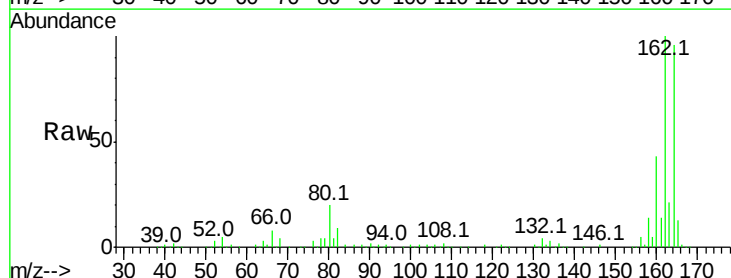
Tgt Ion:164 Resp: 259416

Ion Ratio Lower Upper

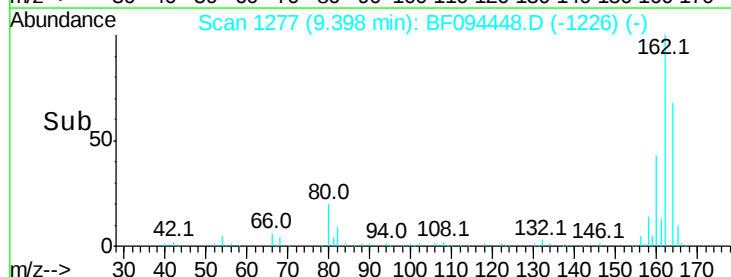
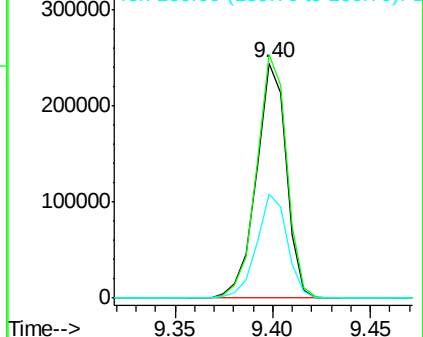
164 100

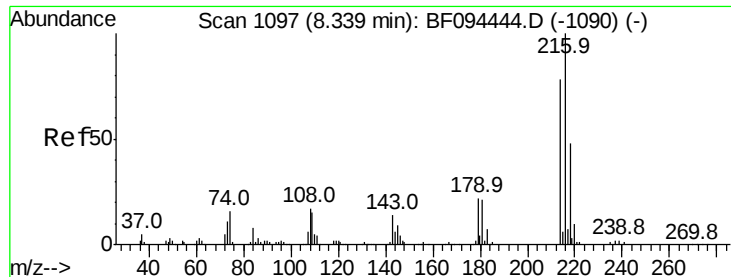
162 103.8 82.6 123.8

160 44.6 36.2 54.2



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

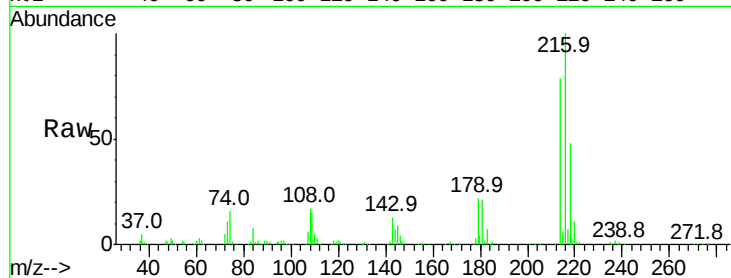




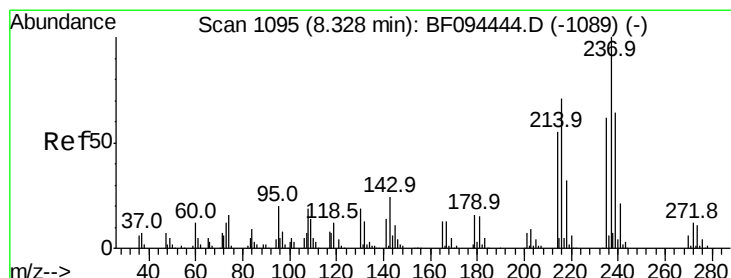
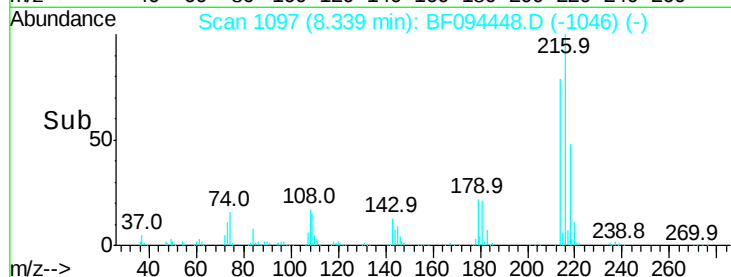
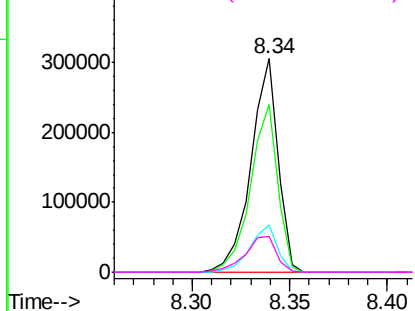
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.83 ng
 RT: 8.34 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF094448.D
 Acq: 17 Apr 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041717

Tot Ion:	216	Resp:	294244
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.2
179	22.4	17.9	26.9
108	19.5	16.5	24.7

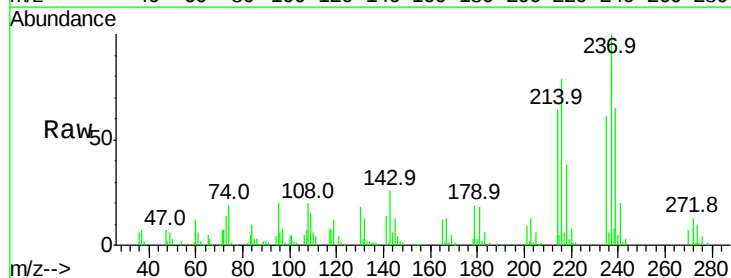


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

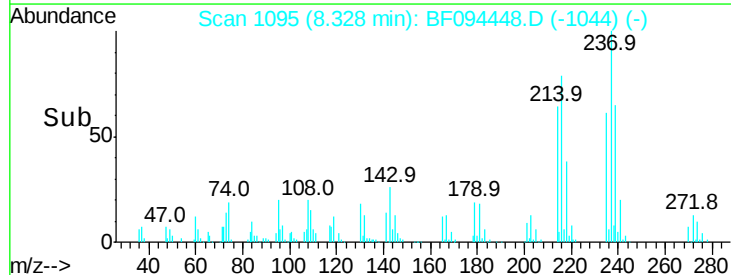
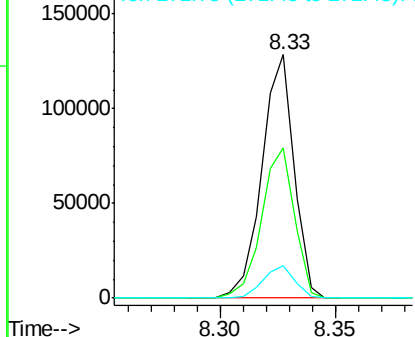


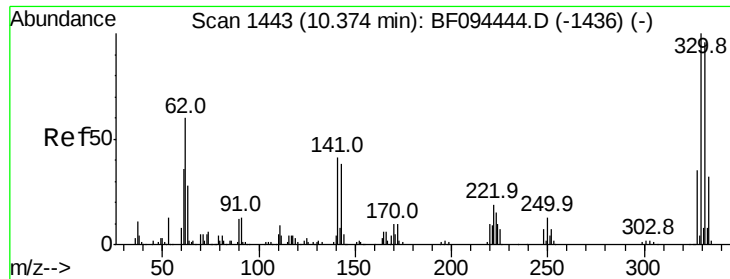
#40
 Hexachlorocyclopentadiene
 Concen: 41.70 ng
 RT: 8.33 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF094448.D
 Acq: 17 Apr 2017 14:34

Tgt Ion:	237	Resp:	124627
Ion	Ratio	Lower	Upper
237	100		
235	61.5	42.6	82.6
272	13.3	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

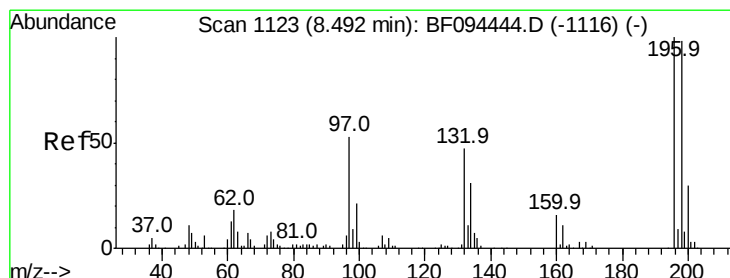
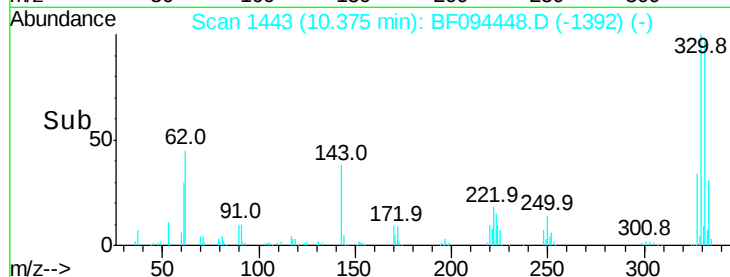
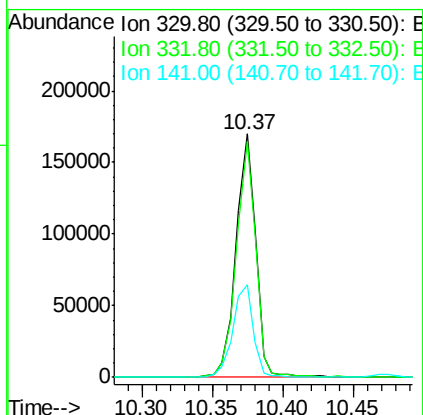
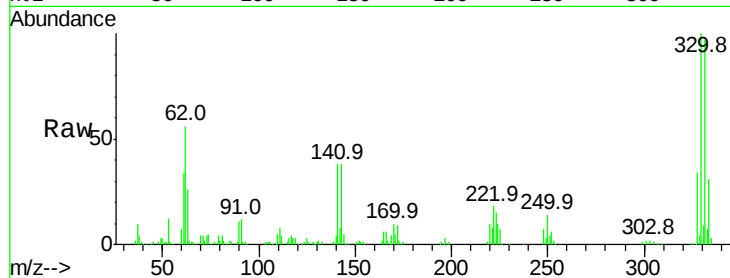




#41
 2,4,6-Tribromophenol
 Concen: 81.96 ng
 RT: 10.37 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF094448.D
 Acq: 17 Apr 2017 14:34

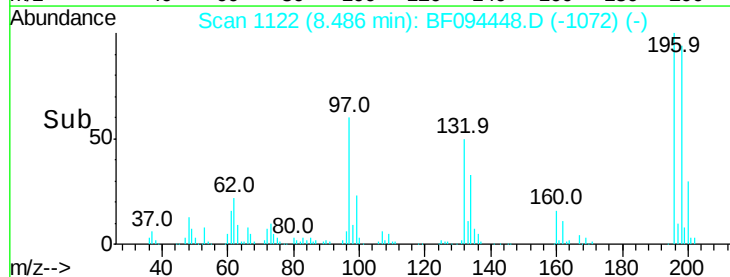
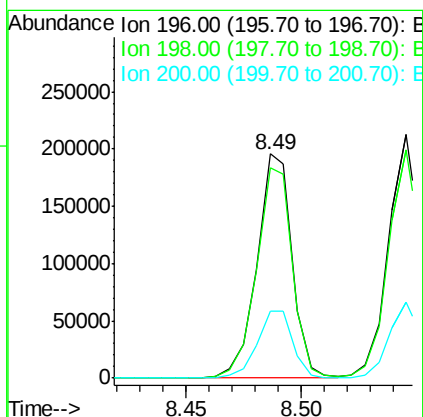
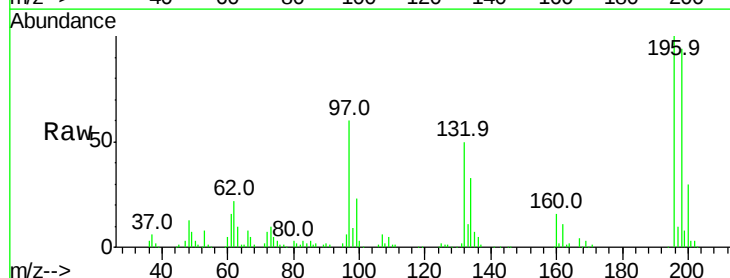
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041717

Tot Ion:330 Resp: 166307
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 115.0
 141 40.2 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 40.03 ng
 RT: 8.49 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF094448.D
 Acq: 17 Apr 2017 14:34

Tgt Ion:196 Resp: 207669
 Ion Ratio Lower Upper
 196 100
 198 93.7 74.2 111.4
 200 29.7 24.0 36.0

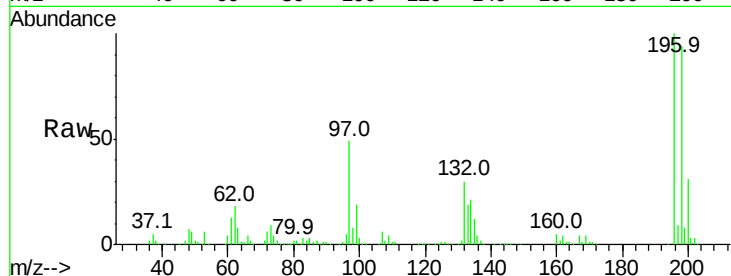




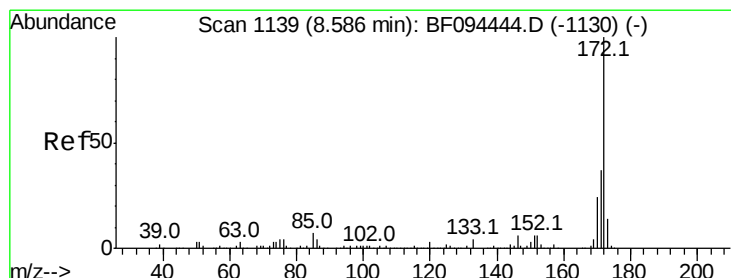
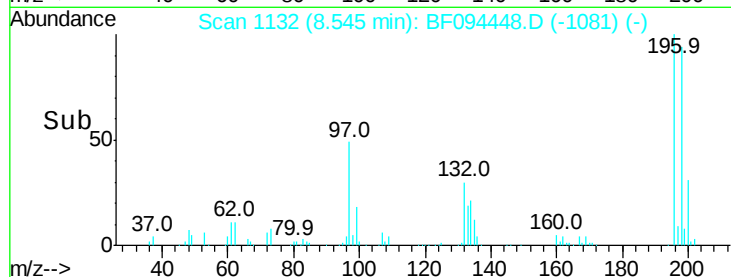
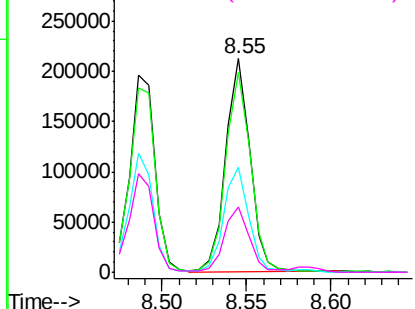
#43
 2,4,5-Trichlorophenol
 Concen: 39.96 ng
 RT: 8.55 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF094448.D
 Acq: 17 Apr 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041717

Tot Ion:196 Resp: 212858
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.7 113.5
 97 49.4 47.7 71.5
 132 30.4 28.0 42.0

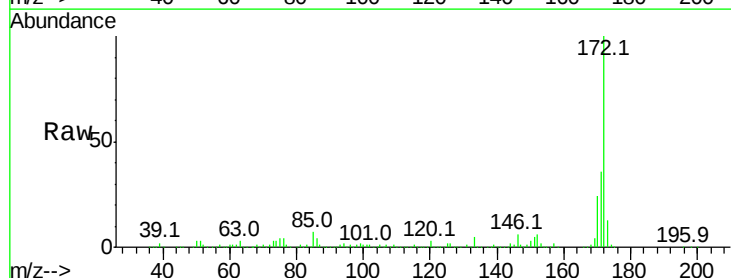


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

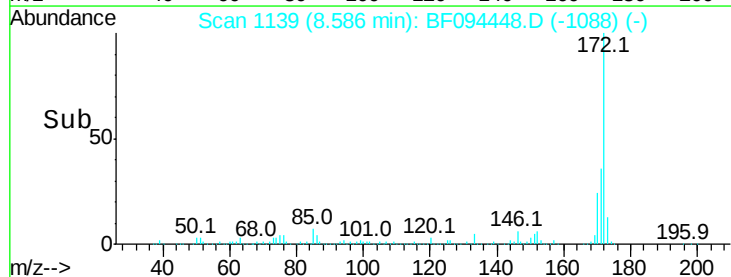
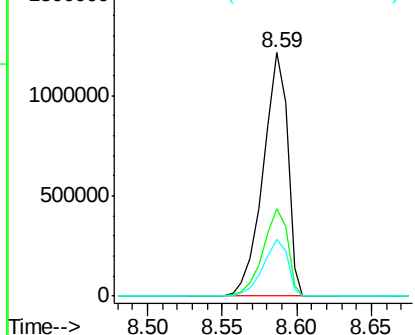


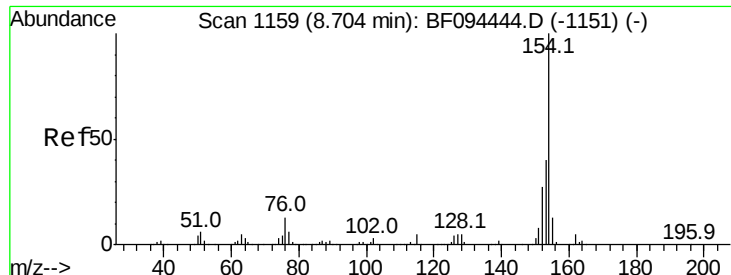
#44
 2-Fluorobiphenyl
 Concen: 77.95 ng
 RT: 8.59 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF094448.D
 Acq: 17 Apr 2017 14:34

Tgt Ion:172 Resp: 1374310
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.6 19.8 29.8



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

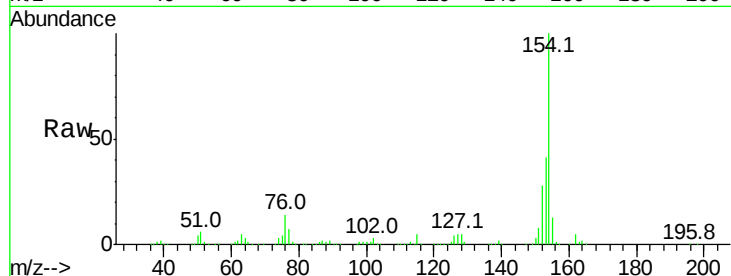




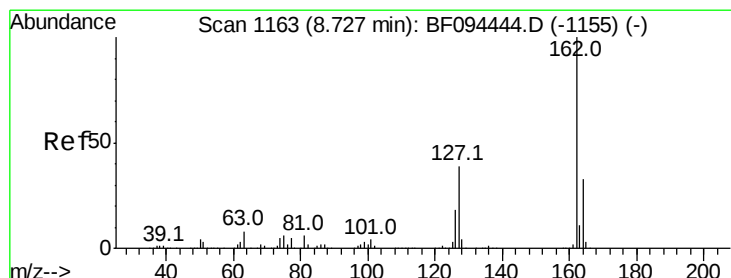
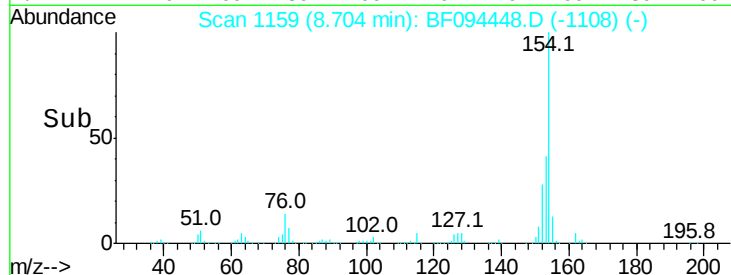
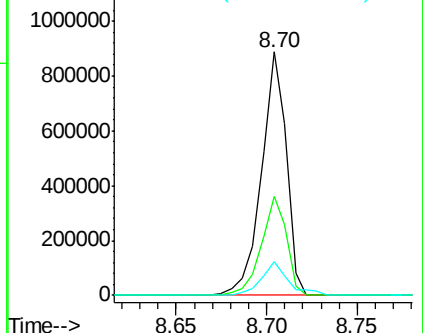
#45
 1,1'-Biphenyl
 Concen: 39.88 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF094448.D
 Acq: 17 Apr 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041717

Tot Ion:154	Resp:	845259
Ion Ratio	Lower	Upper
154	100	
153	40.7	21.2 61.2
76	13.7	0.0 29.9

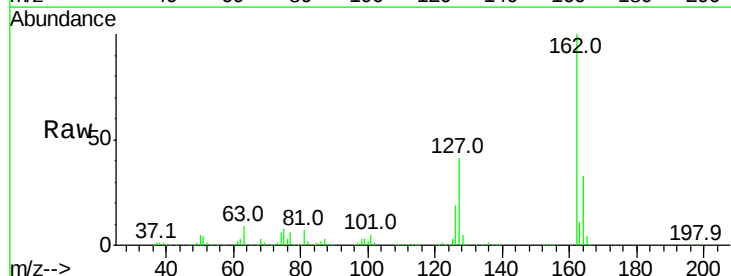


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

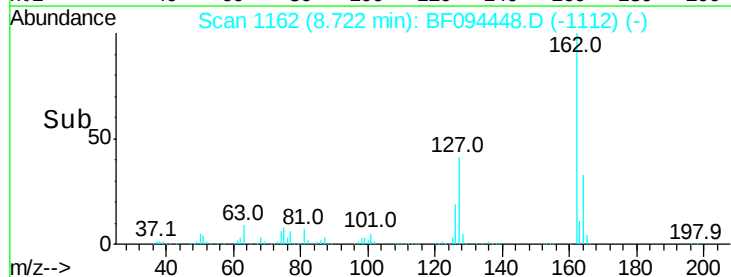
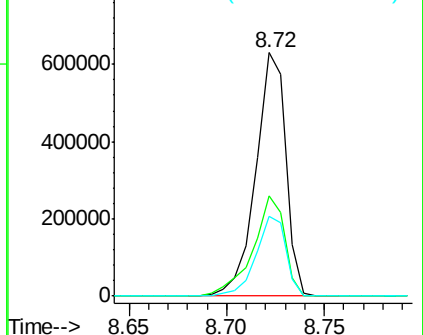


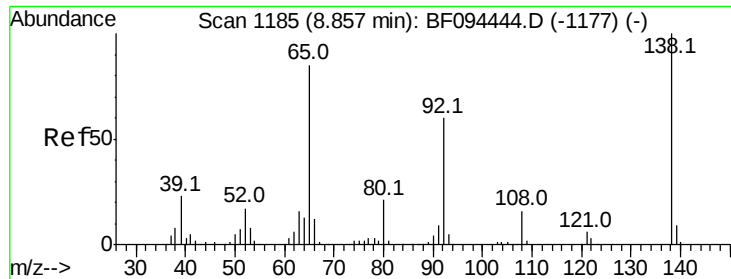
#46
 2-Chloronaphthalene
 Concen: 39.97 ng
 RT: 8.72 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF094448.D
 Acq: 17 Apr 2017 14:34

Tgt Ion:162	Resp:	673666
Ion Ratio	Lower	Upper
162	100	
127	41.4	28.3 42.5
164	33.0	27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

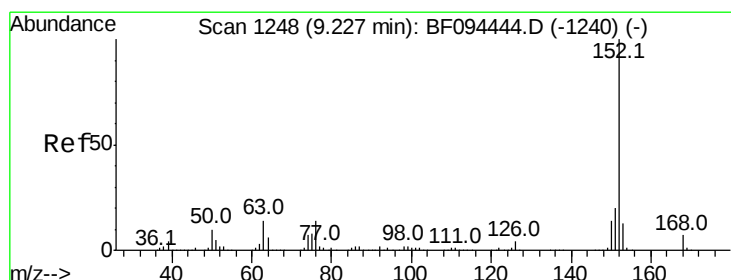
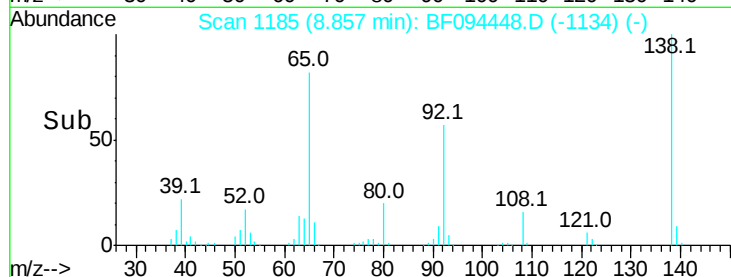
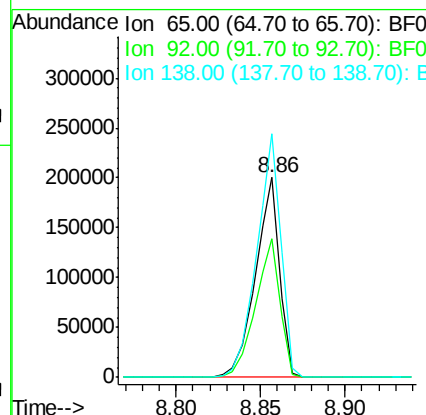
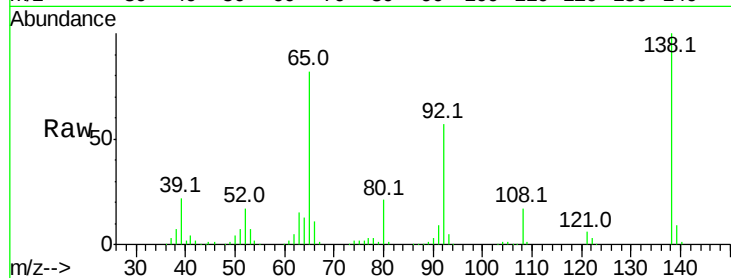




#47
2-Nitroaniline
Concen: 41.15 ng
RT: 8.86 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

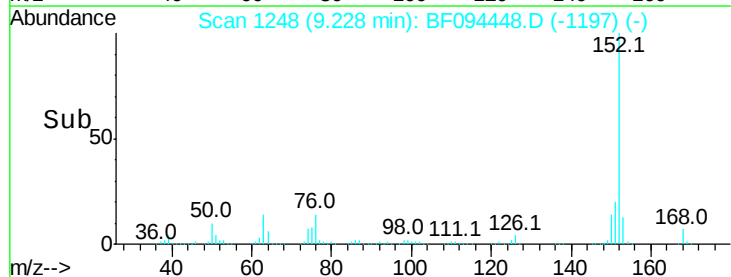
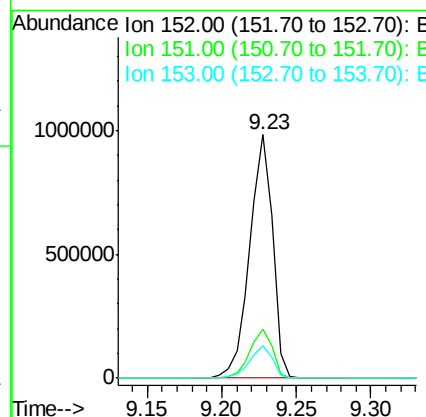
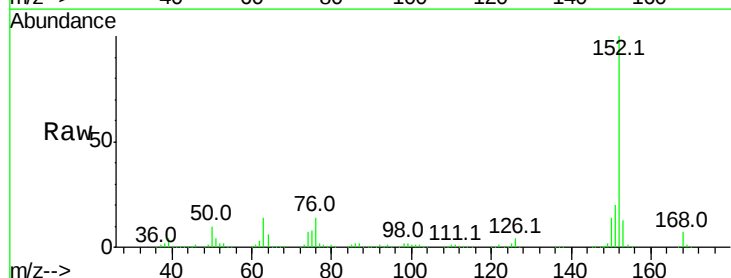
Instrument :
BNA_F
ClientSampleId :
ICVBF041717

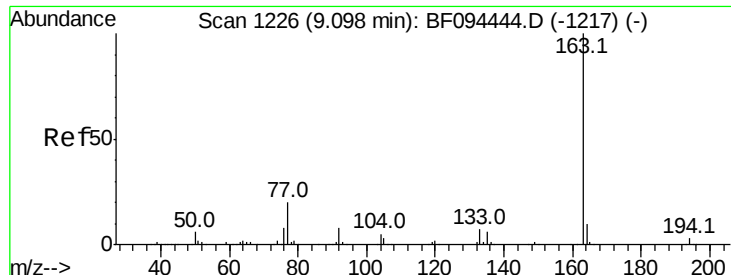
Tot Ion: 65 Resp: 199496
Ion Ratio Lower Upper
65 100
92 69.6 53.9 80.9
138 121.9 78.8 118.2#



#48
Acenaphthylene
Concen: 39.70 ng
RT: 9.23 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

Tgt Ion:152 Resp: 1043042
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 13.2 10.8 16.2

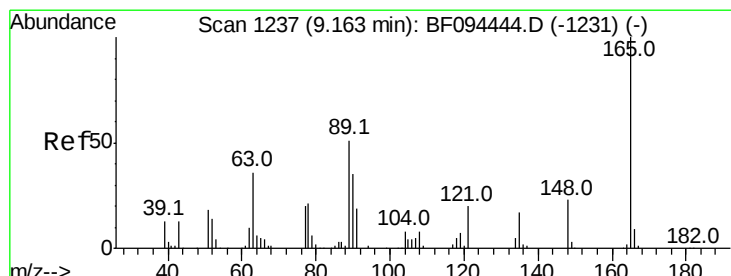
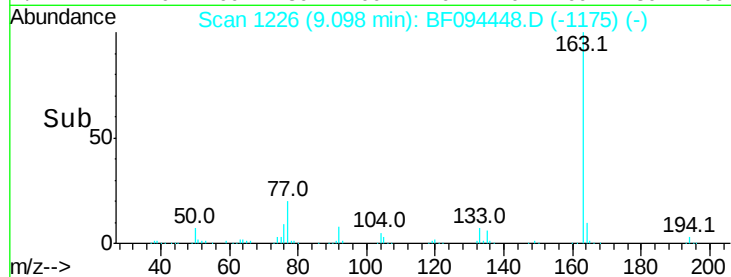
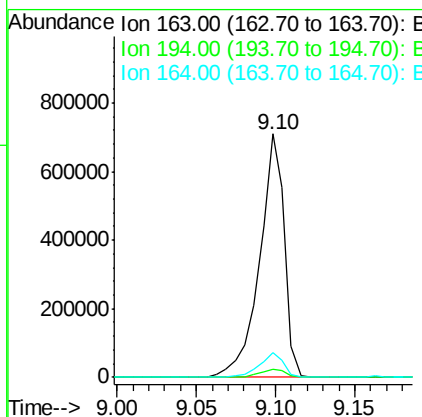
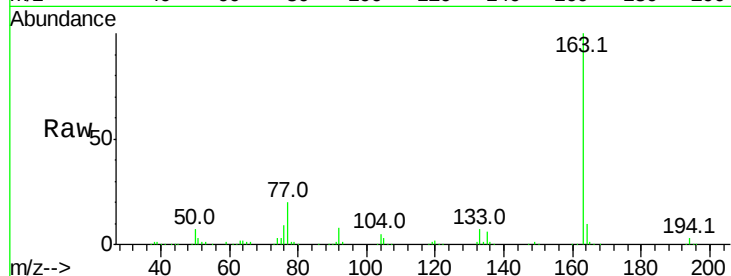




#49
Dimethylphthalate
Concen: 39.96 ng
RT: 9.10 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

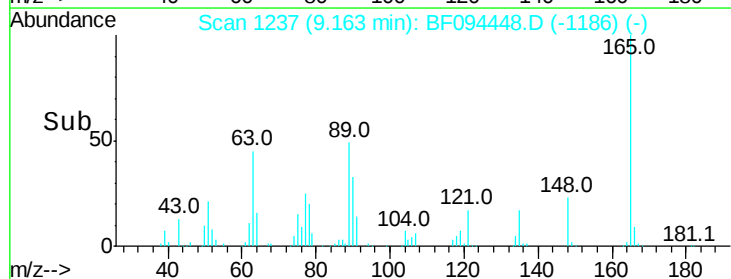
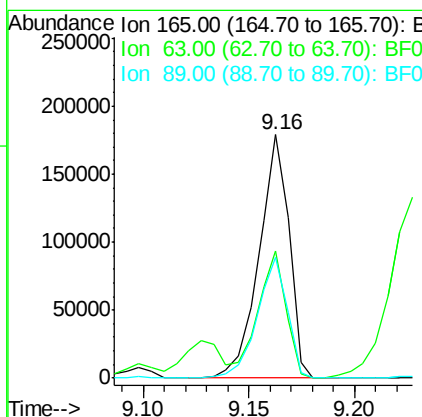
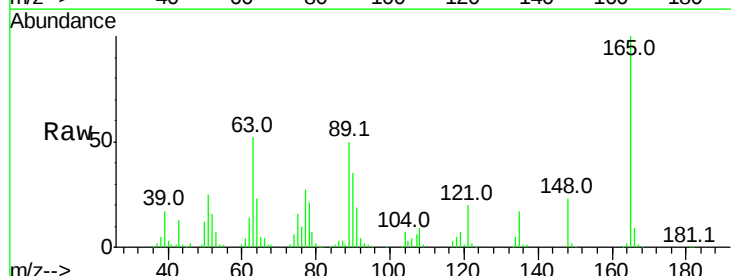
Instrument :
BNA_F
ClientSampleId :
ICVBF041717

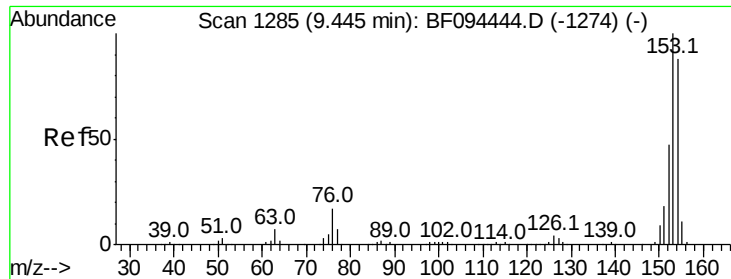
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.1	8.4	12.6



#50
2,6-Dinitrotoluene
Concen: 40.67 ng
RT: 9.16 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.2	34.3	51.5#
89	49.6	37.1	55.7





#51

Acenaphthene

Concen: 39.49 ng

RT: 9.44 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

Instrument :

BNA_F

ClientSampleId :

ICVBF041717

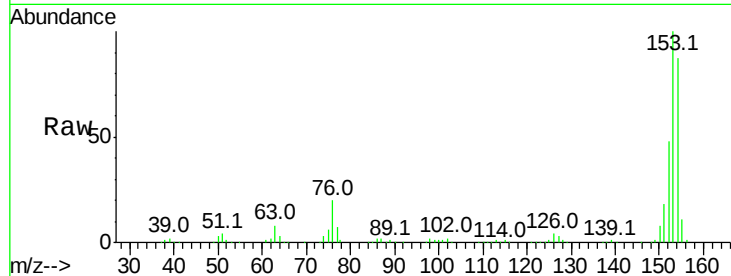
Tot Ion:154 Resp: 621319

Ion Ratio Lower Upper

154 100

153 115.3 90.5 135.7

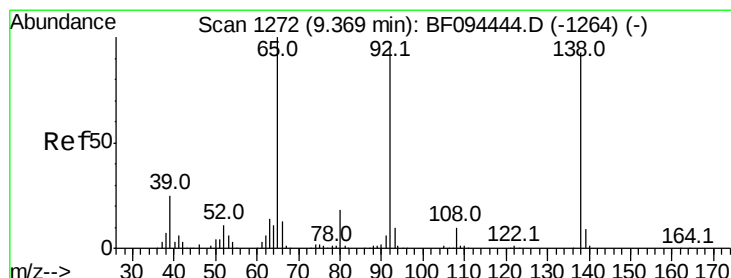
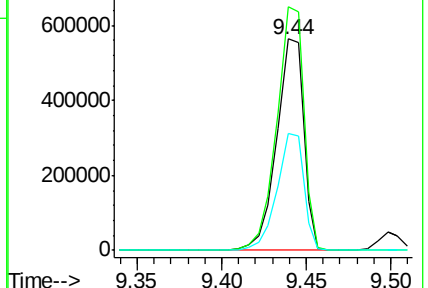
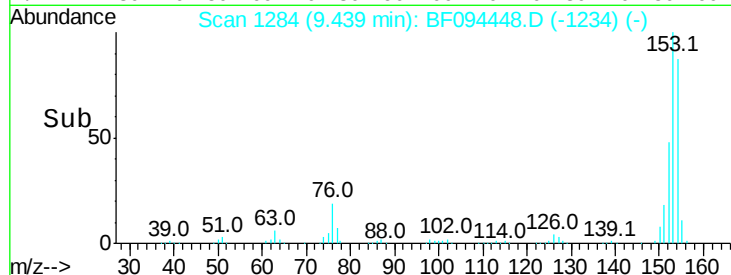
152 55.2 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.63 ng

RT: 9.37 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

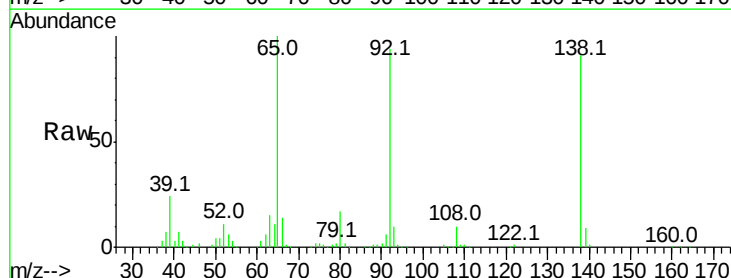
Tgt Ion:138 Resp: 204004

Ion Ratio Lower Upper

138 100

108 11.0 9.1 13.7

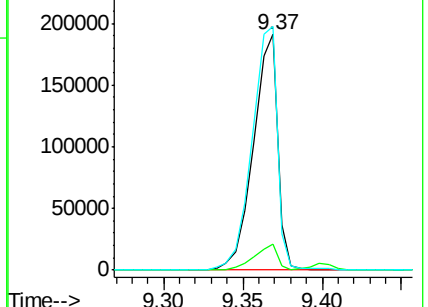
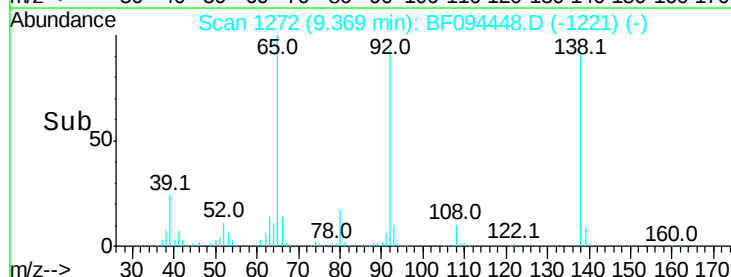
92 103.4 93.8 140.6

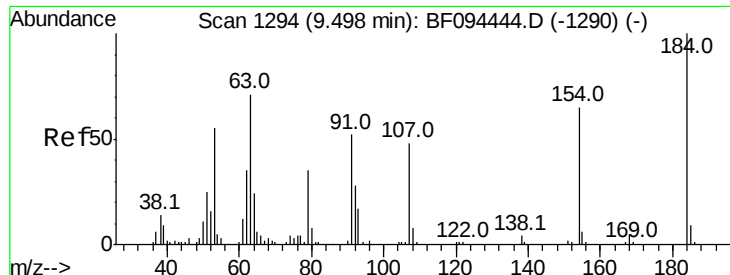


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

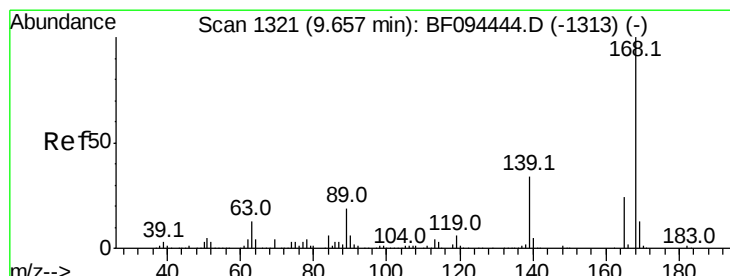
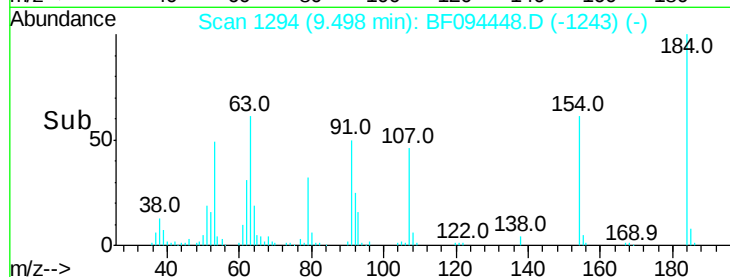
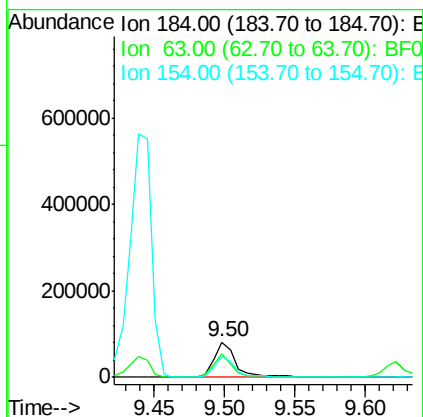
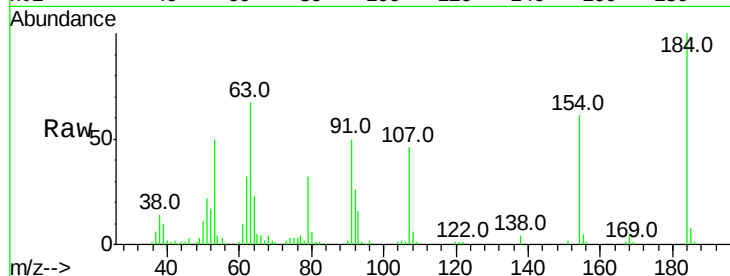




#53
 2,4-Dinitrophenol
 Concen: 40.44 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF094448.D
 Acq: 17 Apr 2017 14:34

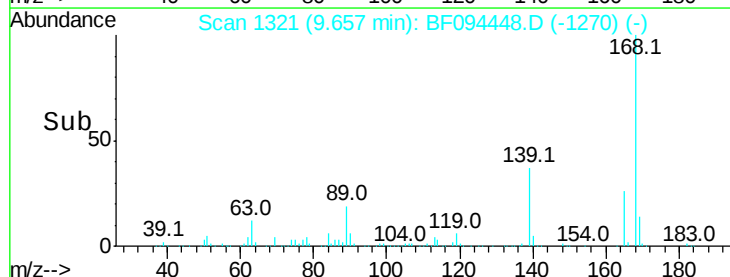
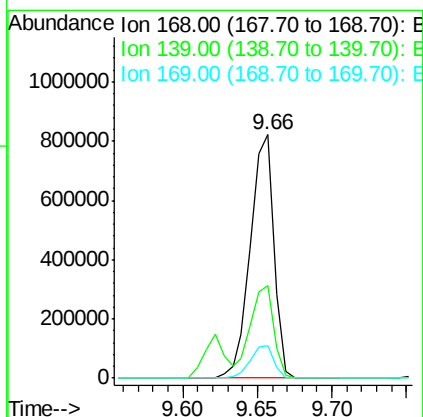
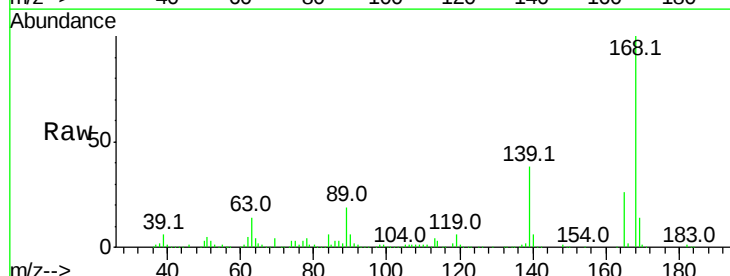
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041717

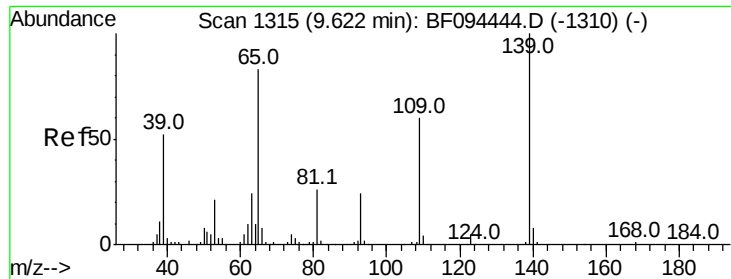
Tot Ion:184 Resp: 88002
 Ion Ratio Lower Upper
 184 100
 63 66.6 62.7 94.1
 154 61.2 81.1 121.7#



#54
 Dibenzofuran
 Concen: 38.94 ng
 RT: 9.66 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF094448.D
 Acq: 17 Apr 2017 14:34

Tgt Ion:168 Resp: 890578
 Ion Ratio Lower Upper
 168 100
 139 38.1 30.6 45.8
 169 13.6 10.8 16.2

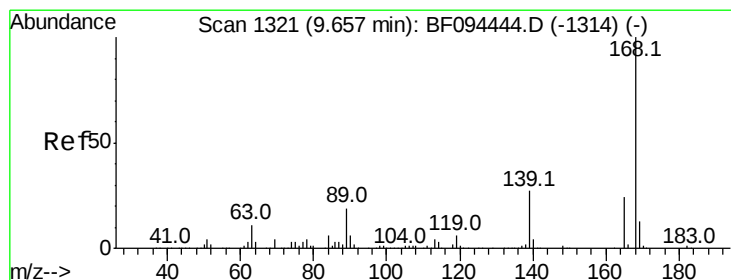
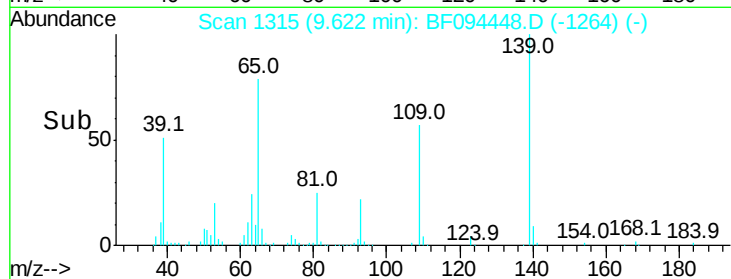
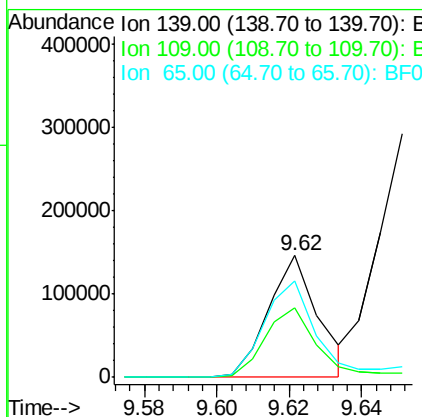
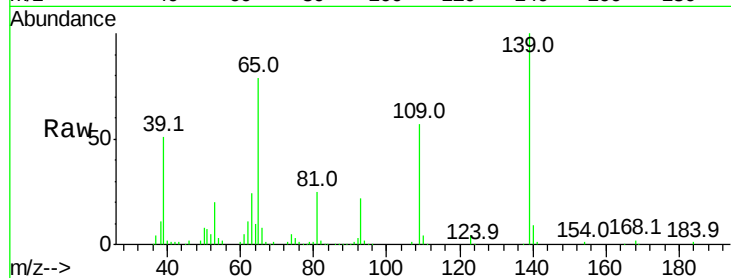




#55
4-Nitrophenol
Concen: 39.24 ng
RT: 9.62 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

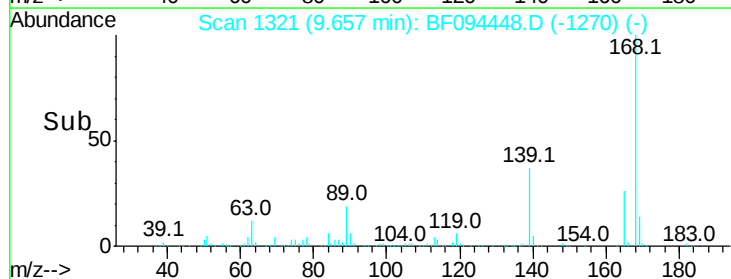
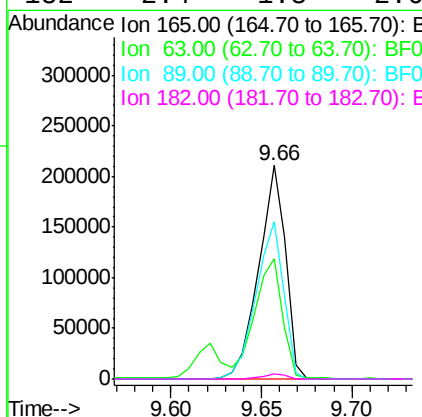
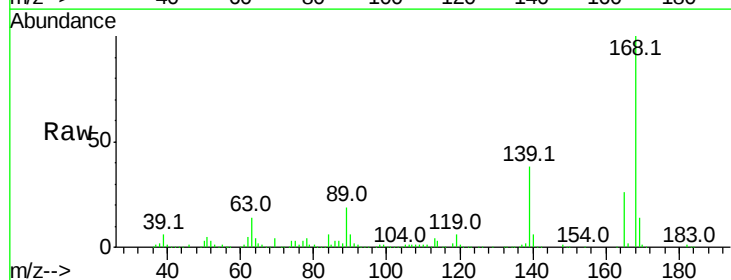
Instrument :
BNA_F
ClientSampleId :
ICVBF041717

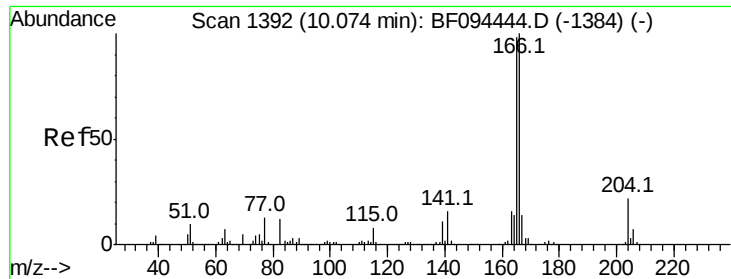
Tot Ion:139 Resp: 139176
Ion Ratio Lower Upper
139 100
109 57.1 34.1 74.1
65 78.6 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 40.85 ng
RT: 9.66 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

Tgt Ion:165 Resp: 217526
Ion Ratio Lower Upper
165 100
63 56.3 25.4 38.0#
89 73.8 46.4 69.6#
182 2.4 1.8 2.6





#57

Fluorene

Concen: 39.50 ng

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

Instrument :

BNA_F

ClientSampleId :

ICVBF041717

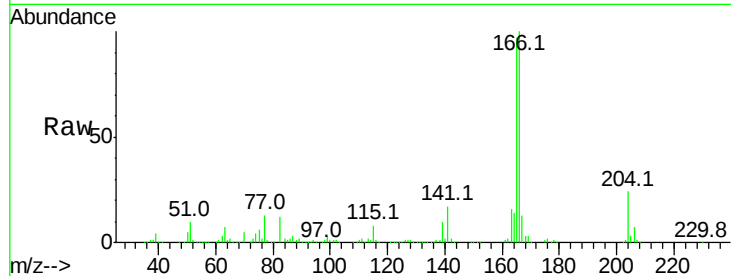
Tot Ion:166 Resp: 703531

Ion Ratio Lower Upper

166 100

165 97.1 78.8 118.2

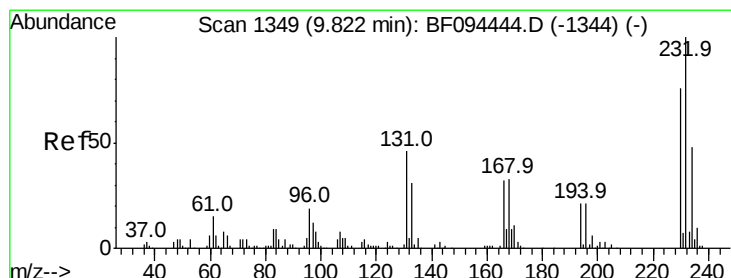
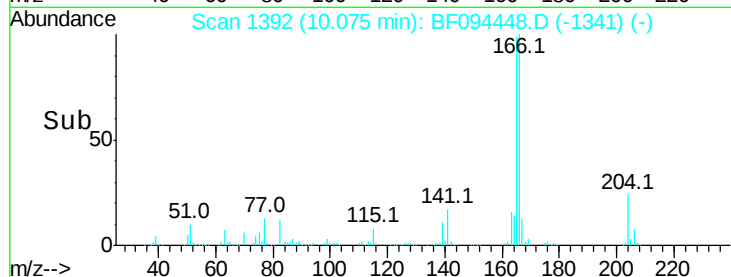
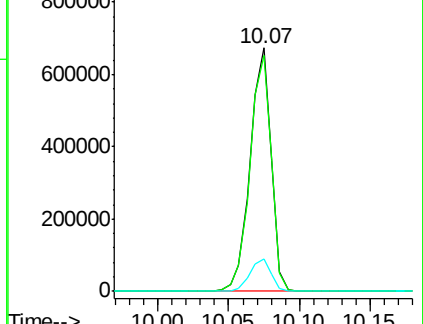
167 13.3 10.6 16.0



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: 40.56 ng

RT: 9.82 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

Tgt Ion:232 Resp: 154871

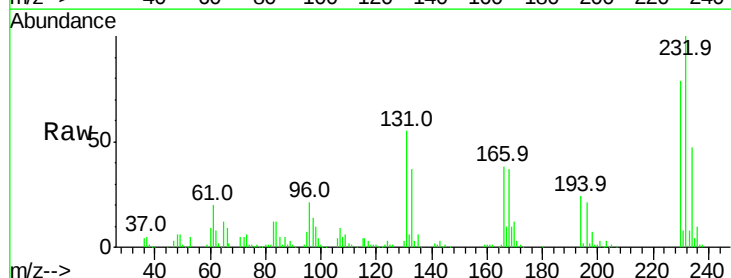
Ion Ratio Lower Upper

232 100

131 51.7 44.8 67.2

130 2.6 2.3 3.5

166 37.2 29.0 43.4

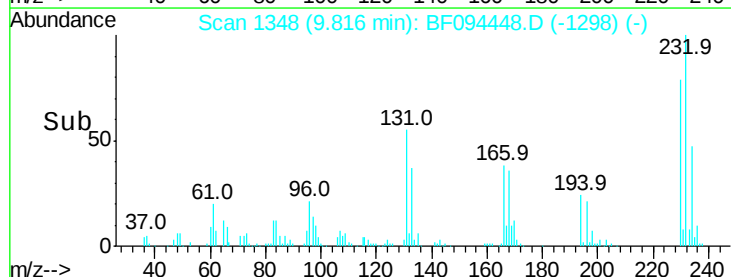
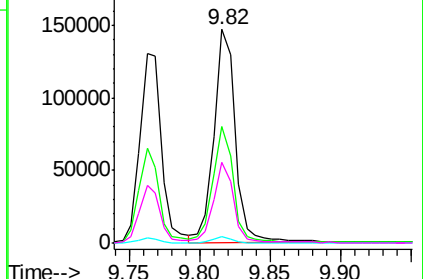


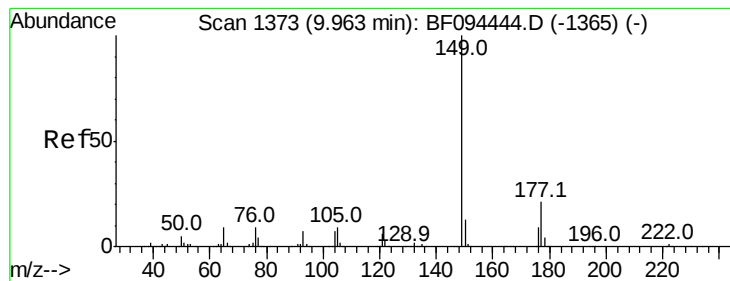
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.58 ng

RT: 9.96 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

Instrument :

BNA_F

ClientSampleId :

ICVBF041717

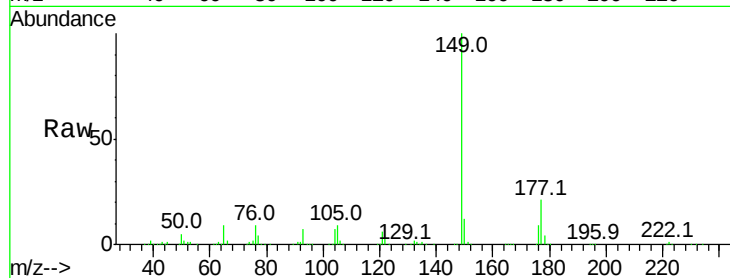
Tot Ion:149 Resp: 721982

Ion Ratio Lower Upper

149 100

177 21.1 16.7 25.1

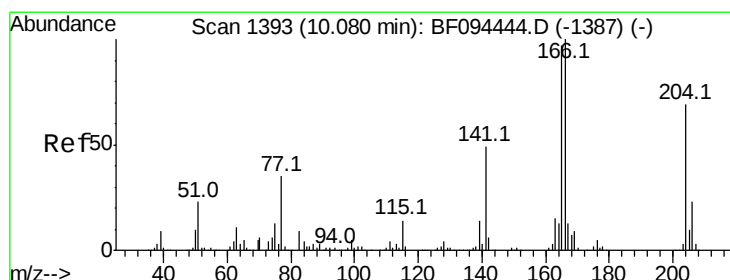
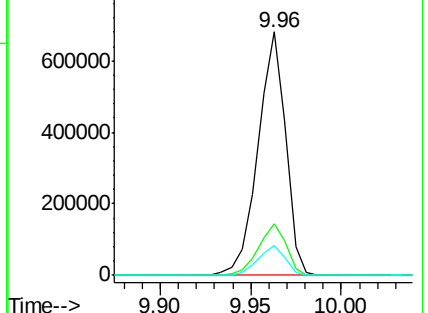
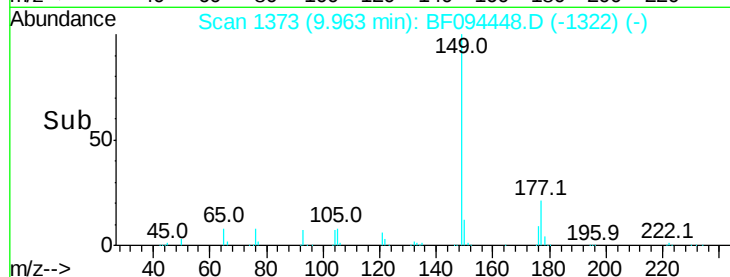
150 12.4 10.2 15.2



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: 40.98 ng

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

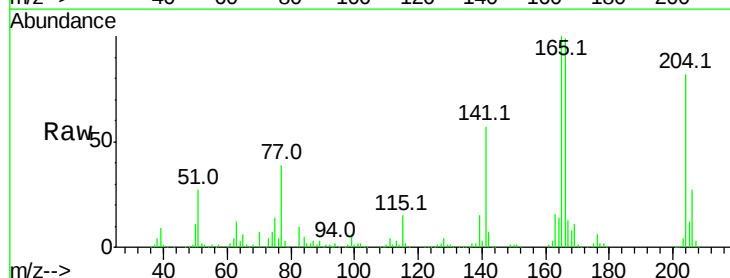
Tgt Ion:204 Resp: 303718

Ion Ratio Lower Upper

204 100

206 32.4 26.2 39.2

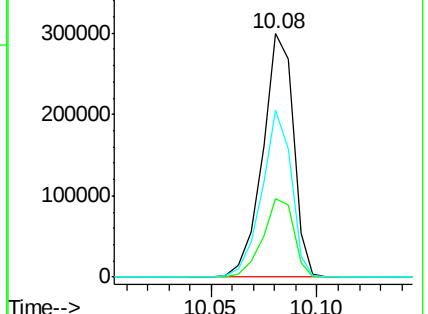
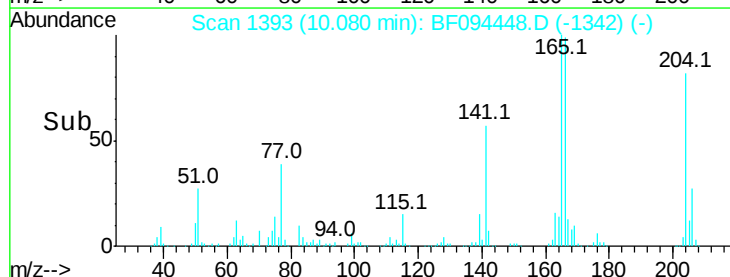
141 68.7 60.8 91.2

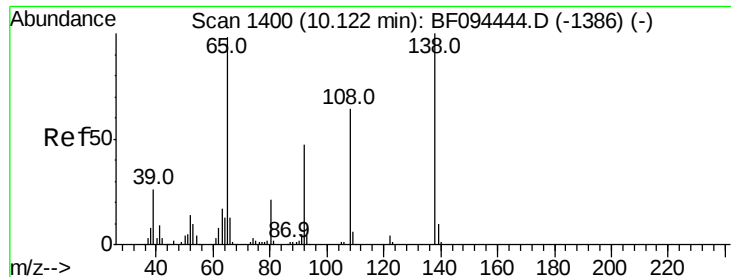


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

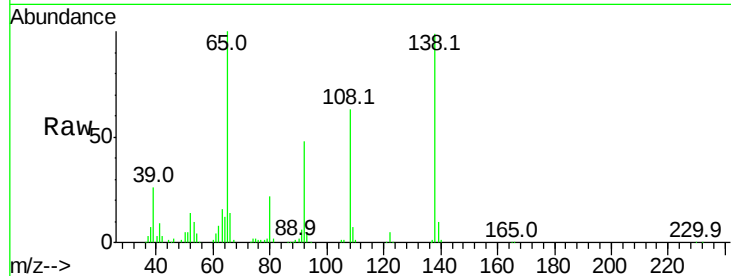




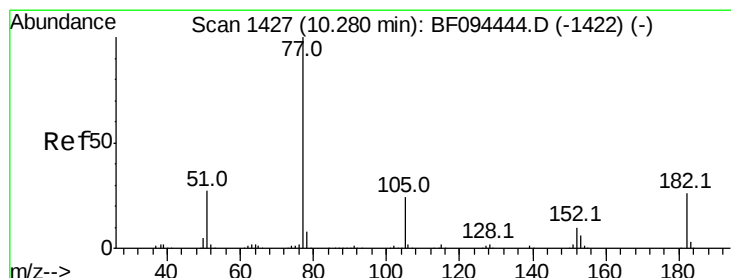
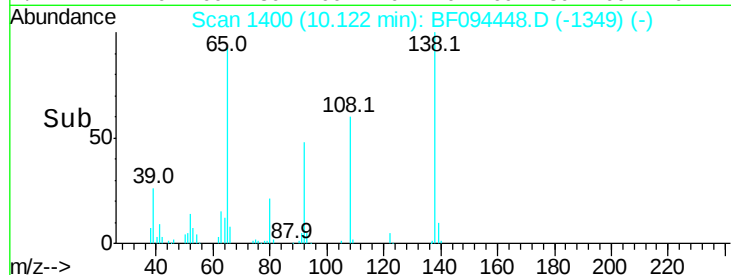
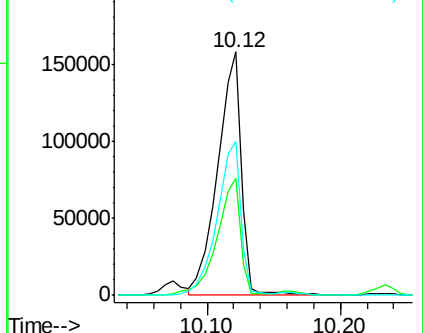
#61
4-Nitroaniline
Concen: 38.58 ng
RT: 10.12 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

Instrument :
BNA_F
ClientSampleId :
ICVBF041717

Tot Ion:138 Resp: 196922
Ion Ratio Lower Upper
138 100
92 48.0 21.8 61.8
108 63.4 42.3 82.3

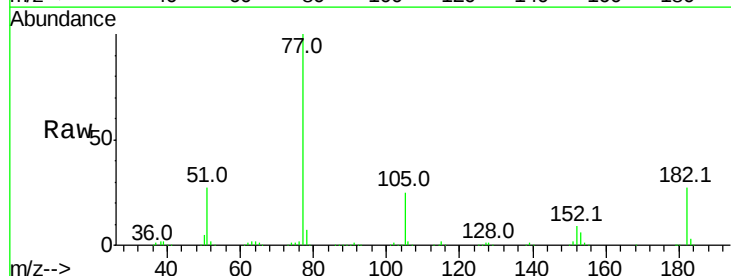


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

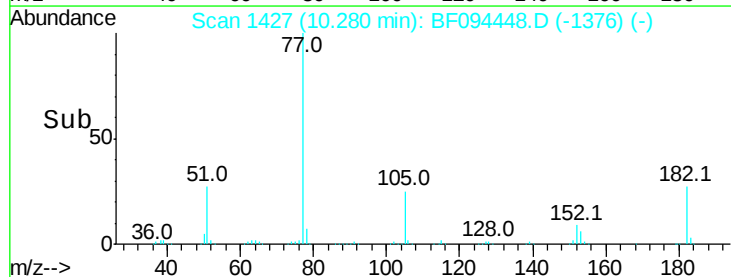
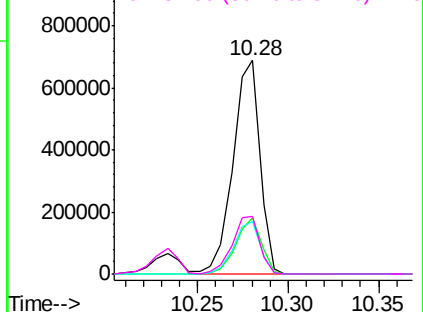


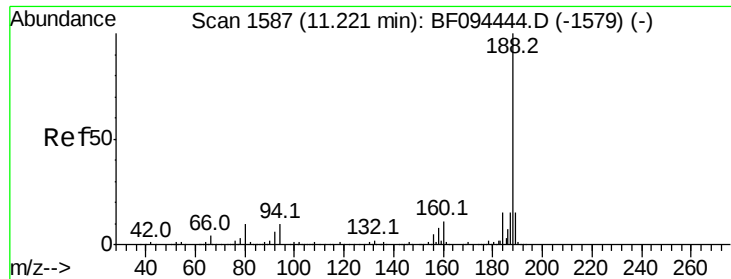
#62
Azobenzene
Concen: 40.29 ng
RT: 10.28 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

Tgt Ion: 77 Resp: 713643
Ion Ratio Lower Upper
77 100
182 26.5 0.1 40.1
105 24.7 3.6 43.6
51 26.9 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

Instrument :

BNA_F

ClientSampleId :

ICVBF041717

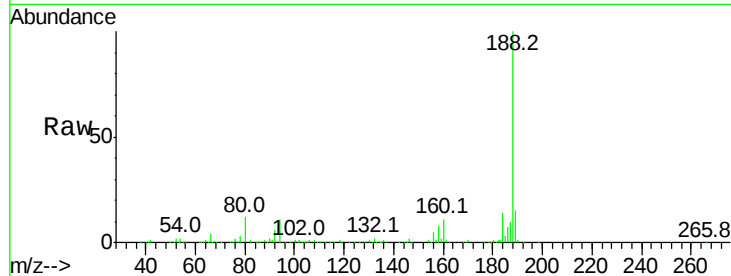
Tot Ion:188 Resp: 455127

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

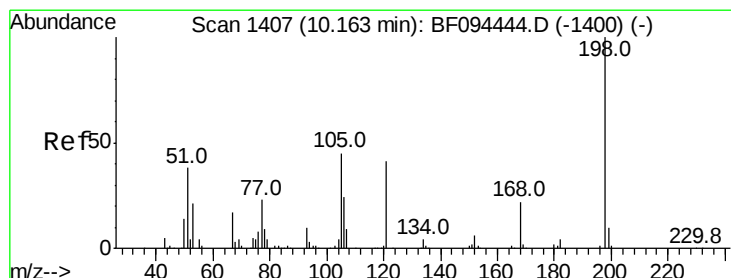
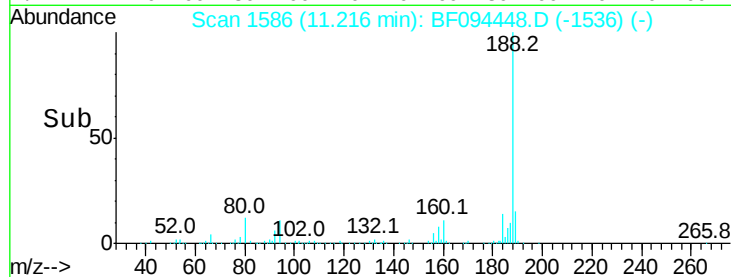
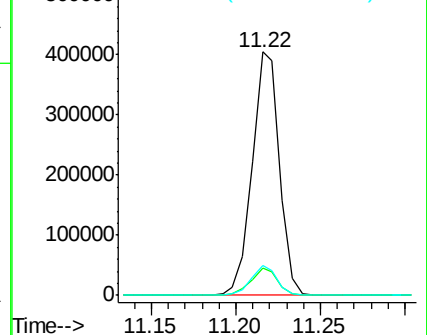
80 12.4 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.30 ng

RT: 10.16 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

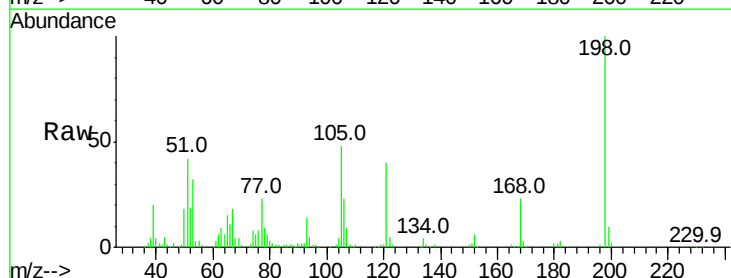
Tgt Ion:198 Resp: 126128

Ion Ratio Lower Upper

198 100

51 42.5 53.2 93.2#

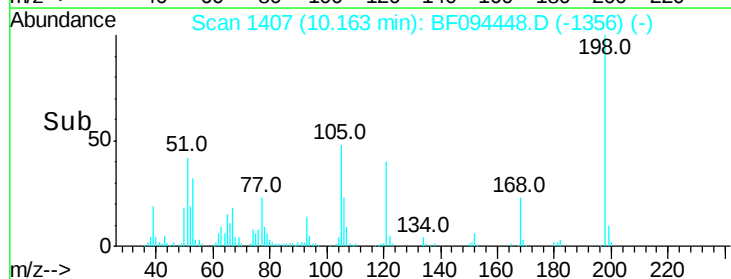
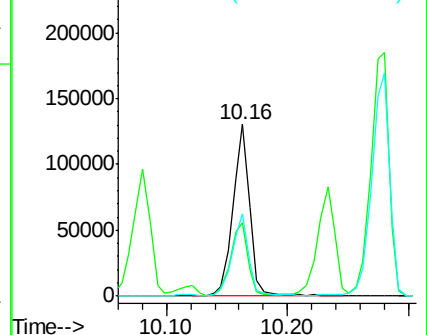
105 47.7 45.8 85.8

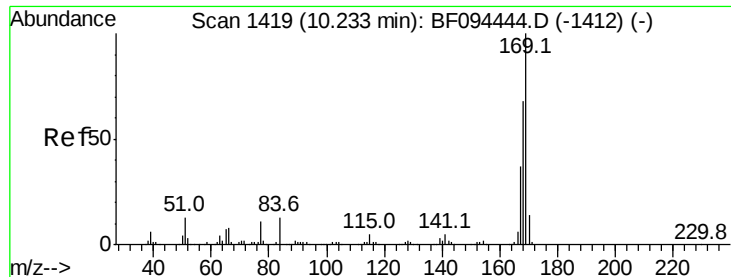


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

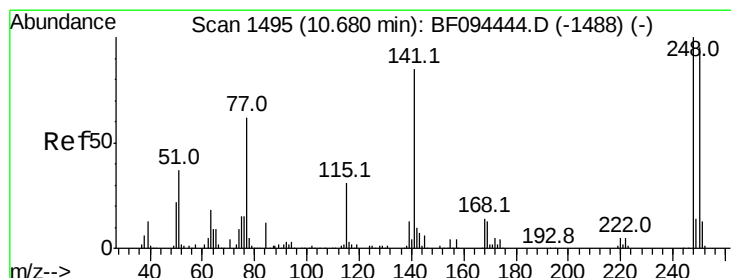
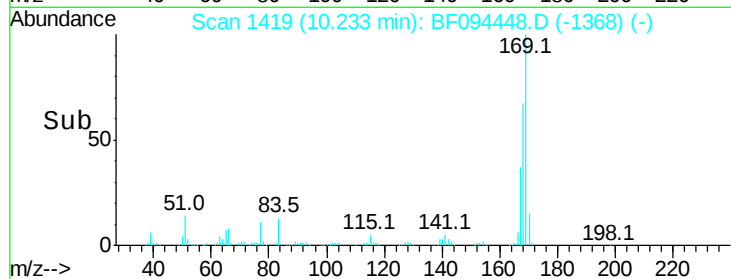
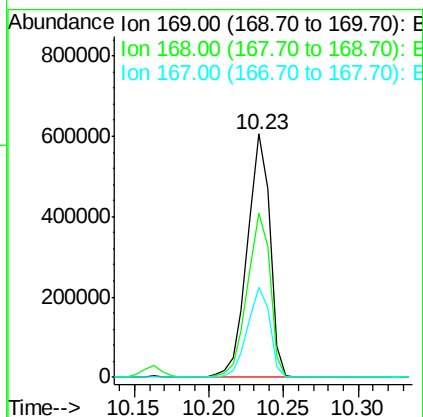
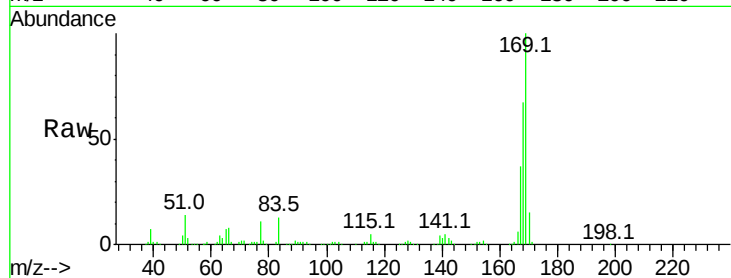




#65
n-Nitrosodiphenylamine
Concen: 40.07 ng
RT: 10.23 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

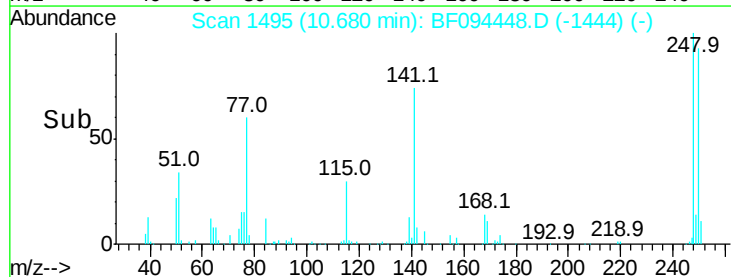
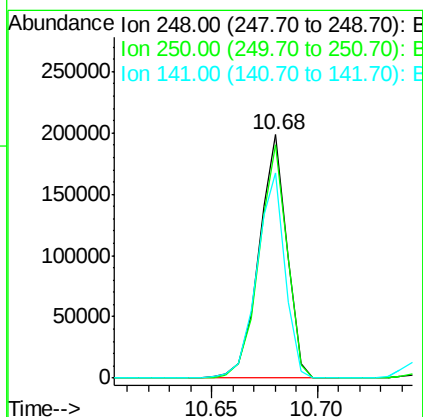
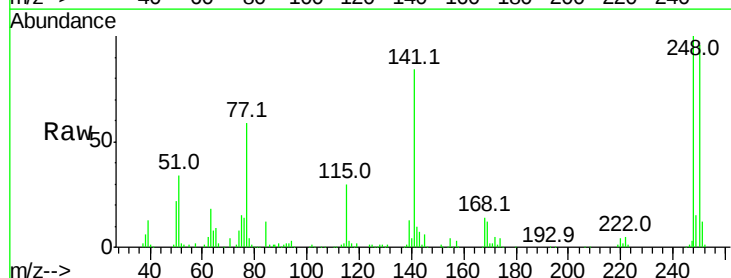
Instrument :
BNA_F
ClientSampleId :
ICVBF041717

Tot Ion:169 Resp: 634301
Ion Ratio Lower Upper
169 100
168 67.5 53.2 79.8
167 37.2 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 40.36 ng
RT: 10.68 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

Tgt Ion:248 Resp: 182383
Ion Ratio Lower Upper
248 100
250 95.9 76.8 115.2
141 84.3 68.6 103.0





#67

Hexachlorobenzene

Concen: 40.15 ng

RT: 10.75 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

Instrument :

BNA_F

ClientSampleId :

ICVBF041717

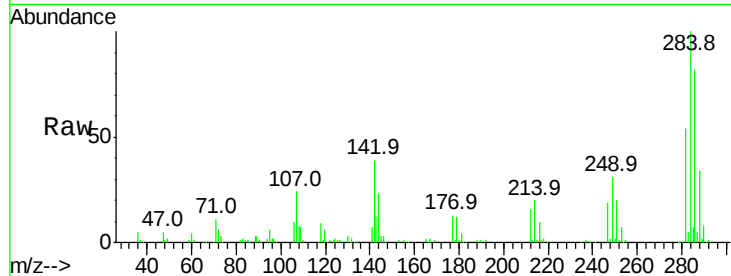
Tot Ion:284 Resp: 182869

Ion Ratio Lower Upper

284 100

142 39.2 22.8 34.2#

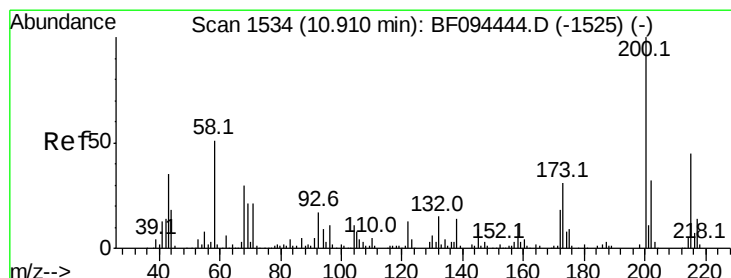
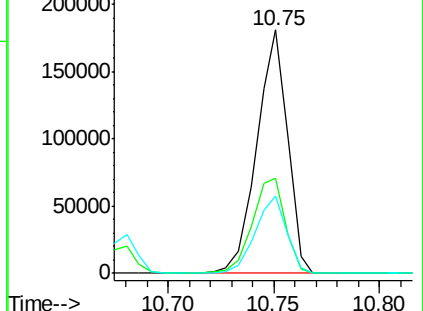
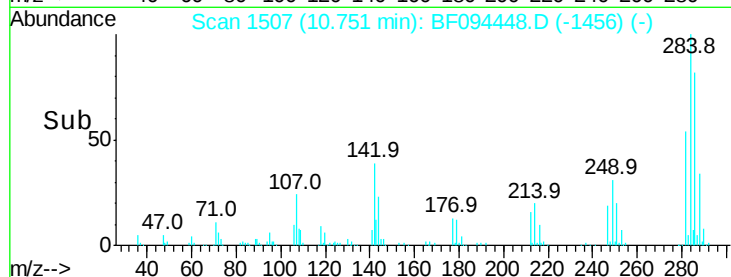
249 31.5 24.0 36.0



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: 39.51 ng

RT: 10.91 min Scan# 1534

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

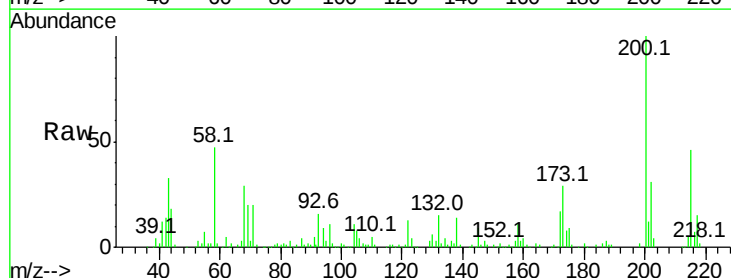
Tgt Ion:200 Resp: 187108

Ion Ratio Lower Upper

200 100

173 28.9 6.3 46.3

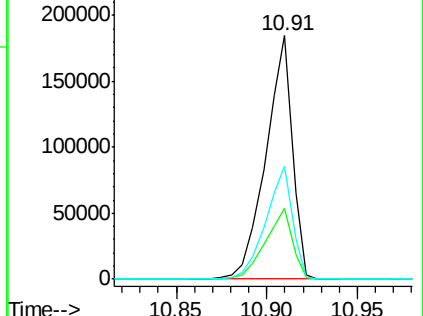
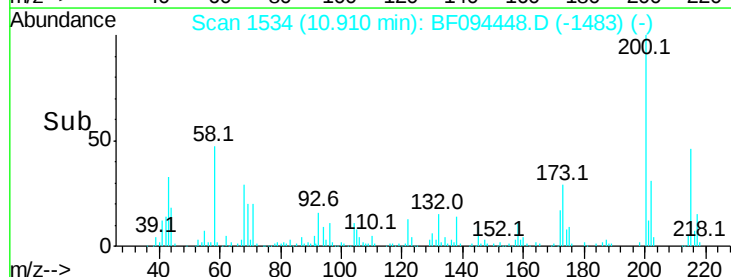
215 46.5 27.2 67.2

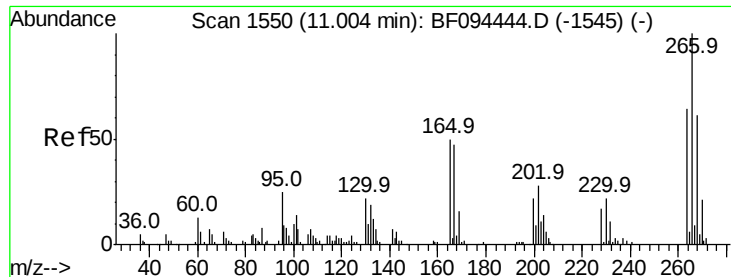


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

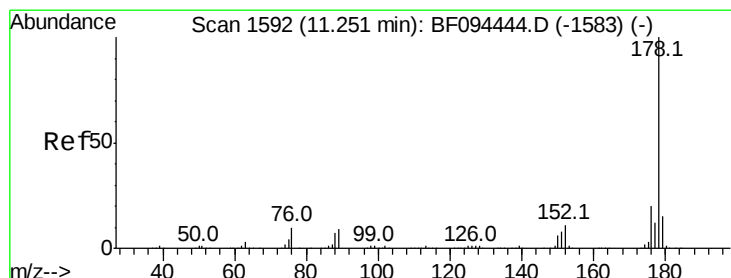
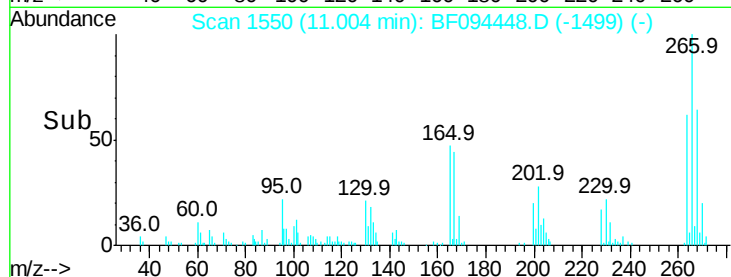
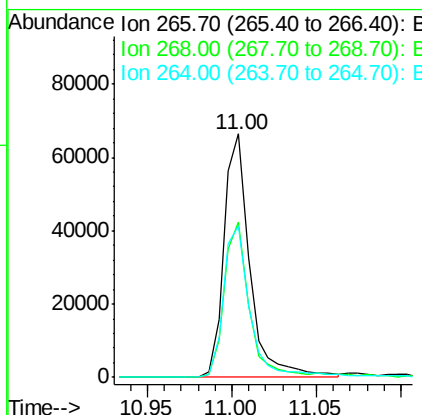
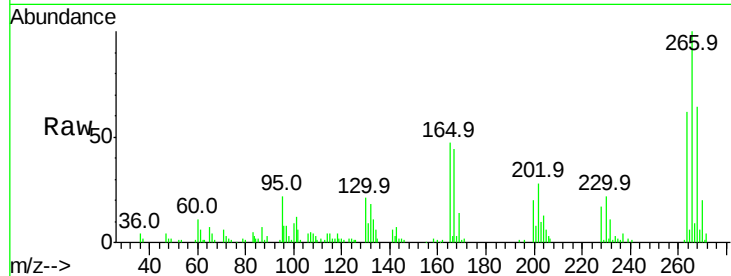




#69
 Pentachlorophenol
 Concen: 39.37 ng
 RT: 11.00 min Scan# 1550
 Delta R.T. 0.00 min
 Lab File: BF094448.D
 Acq: 17 Apr 2017 14:34

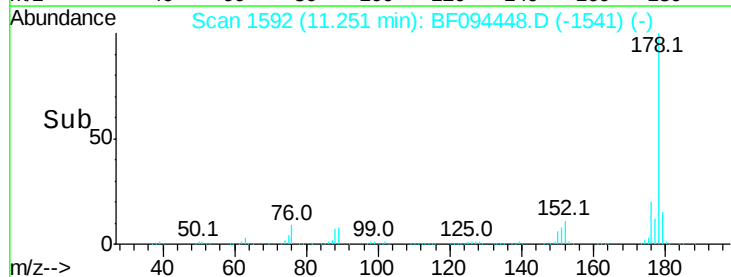
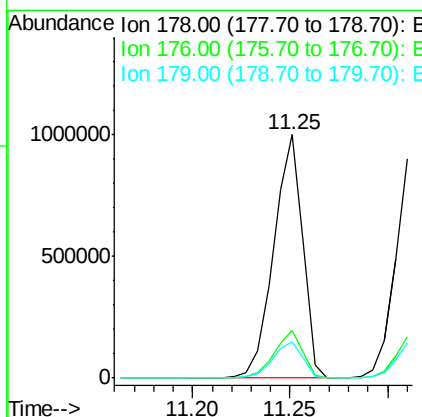
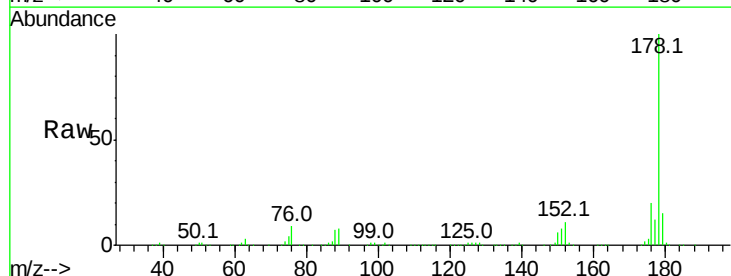
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041717

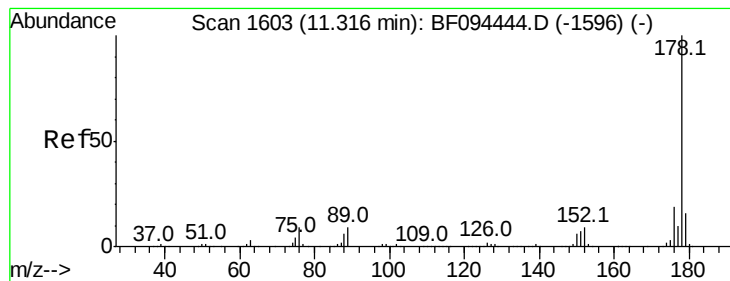
Tot Ion:266 Resp: 71201
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 62.4 51.7 77.5



#70
 Phenanthrene
 Concen: 39.94 ng
 RT: 11.25 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF094448.D
 Acq: 17 Apr 2017 14:34

Tgt Ion:178 Resp: 1023661
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 15.1 12.6 19.0





#71

Anthracene

Concen: 39.97 ng

RT: 11.32 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

Instrument :

BNA_F

ClientSampleId :

ICVBF041717

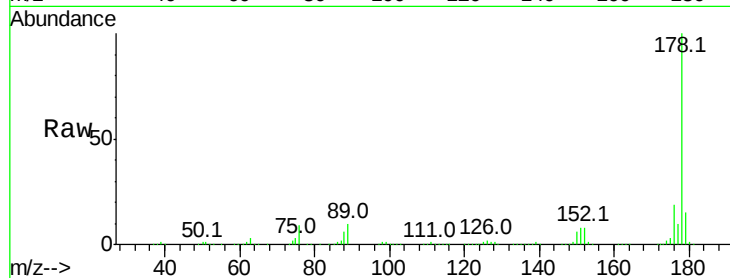
Tot Ion:178 Resp: 1059533

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

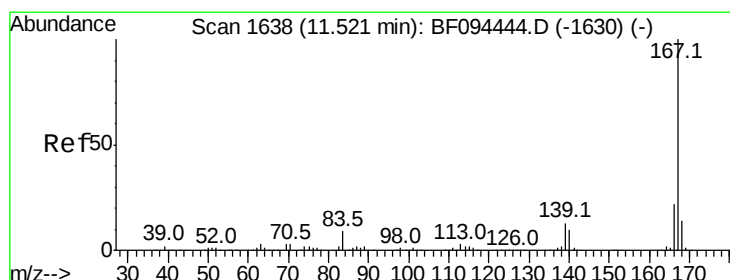
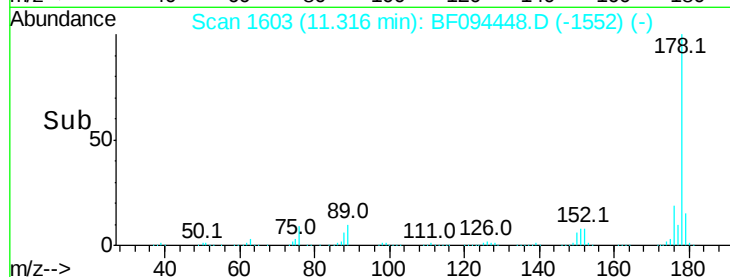
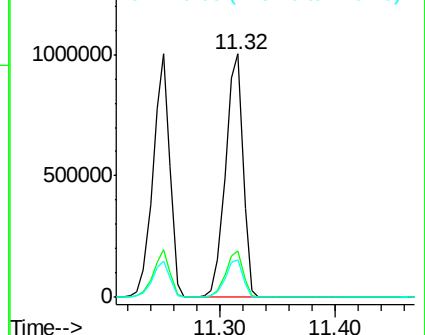
179 15.5 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.25 ng

RT: 11.52 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

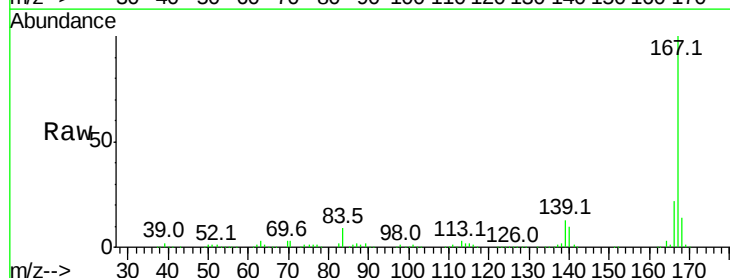
Tgt Ion:167 Resp: 1001660

Ion Ratio Lower Upper

167 100

166 21.9 18.1 27.1

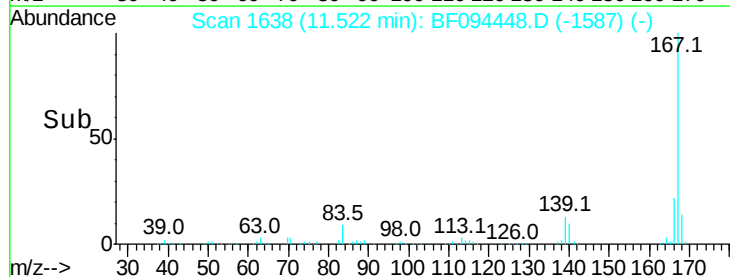
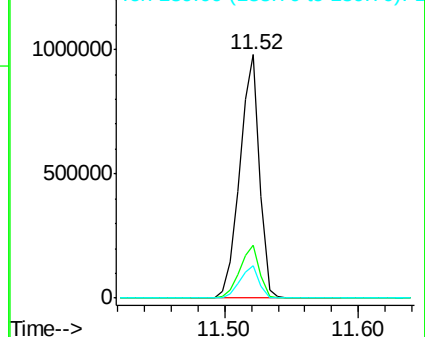
139 13.2 11.7 17.5

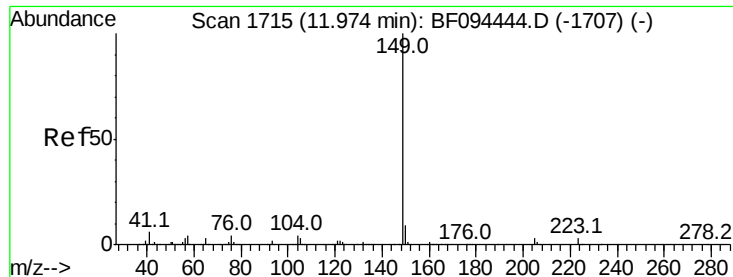


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

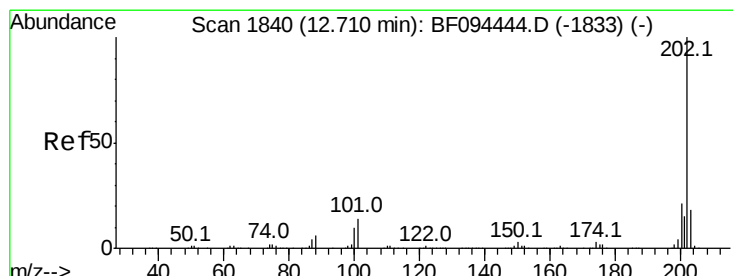
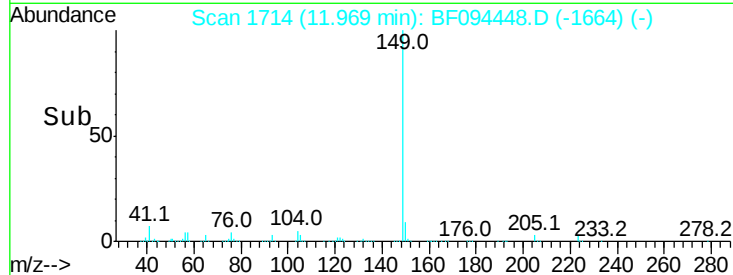
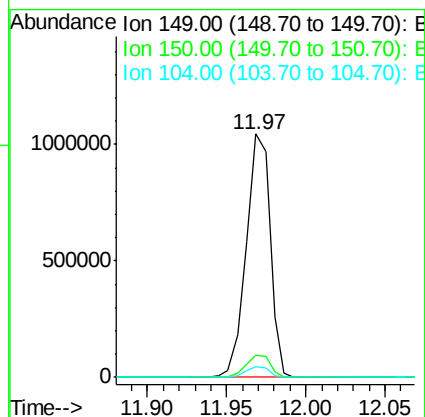
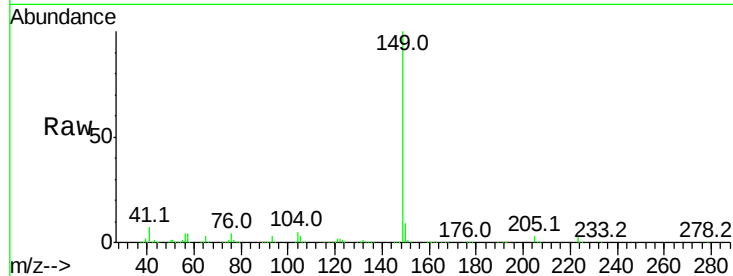




#73
Di-n-butylphthalate
Concen: 39.98 ng
RT: 11.97 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

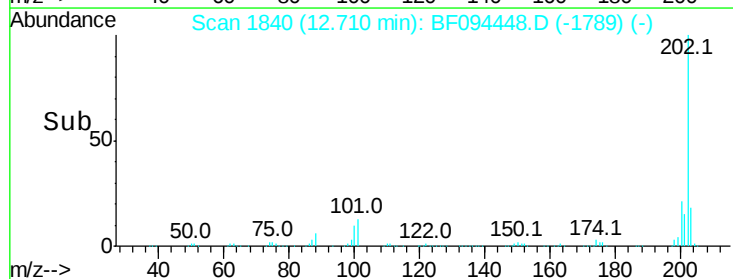
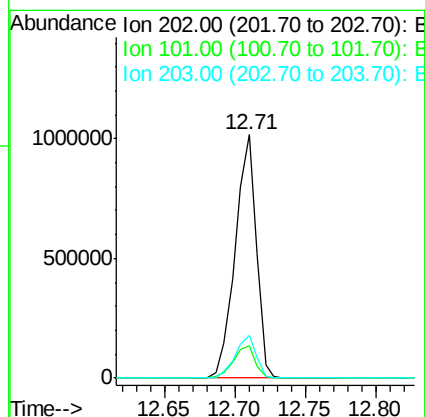
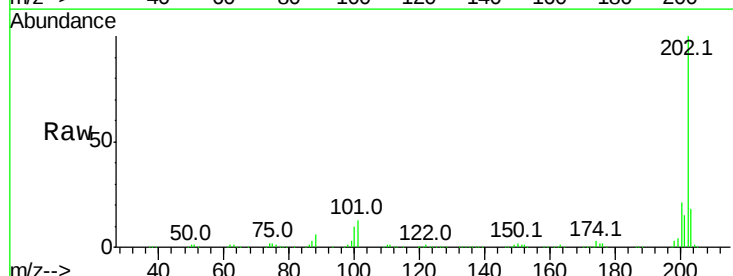
Instrument :
BNA_F
ClientSampleId :
ICVBF041717

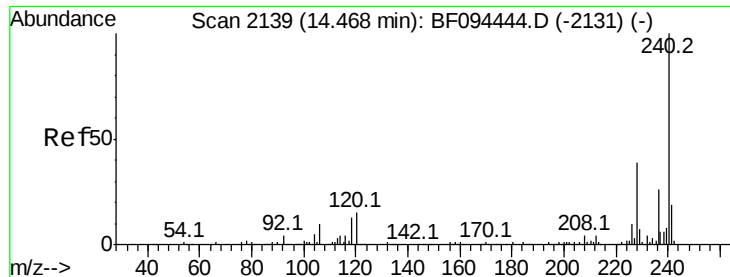
Tot Ion:149 Resp: 1095241
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.6 4.0 6.0



#74
Fluoranthene
Concen: 39.79 ng
RT: 12.71 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

Tgt Ion:202 Resp: 1056930
Ion Ratio Lower Upper
202 100
101 13.2 0.0 33.2
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2139

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

Instrument :

BNA_F

ClientSampleId :

ICVBF041717

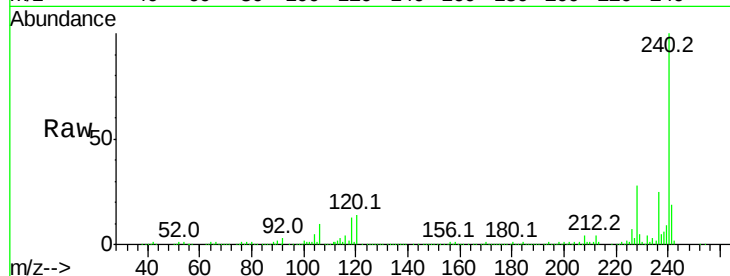
Tot Ion:240 Resp: 379316

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

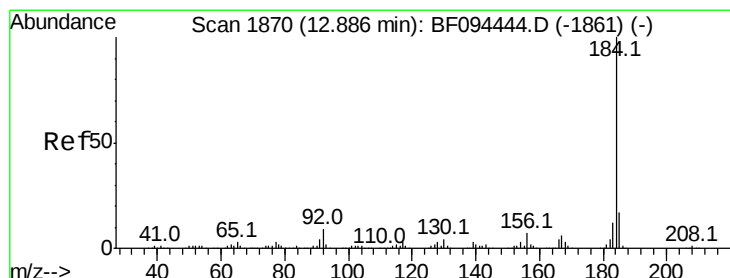
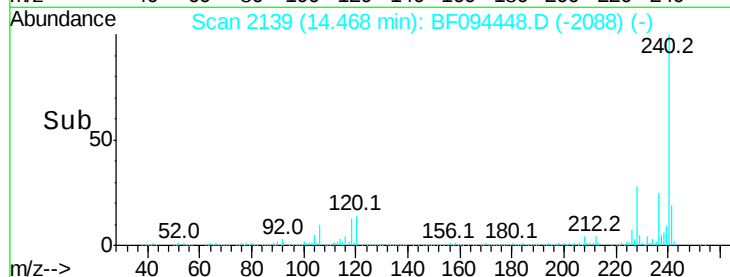
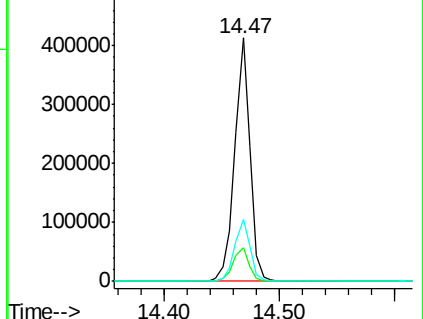
236 25.2 20.5 30.7



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: 40.81 ng

RT: 12.89 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

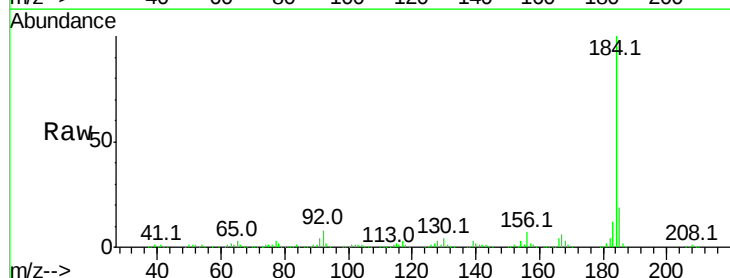
Tgt Ion:184 Resp: 626819

Ion Ratio Lower Upper

184 100

185 19.0 15.5 23.3

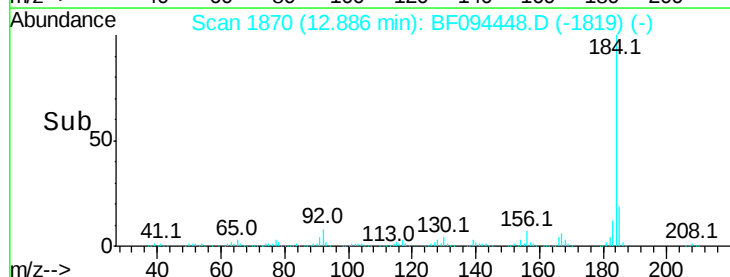
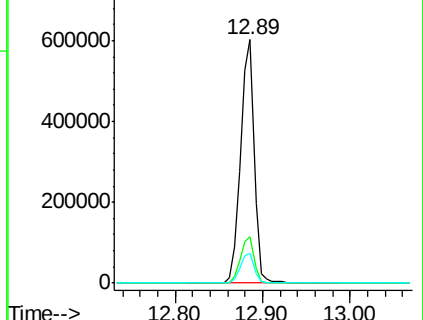
183 12.2 9.8 14.6

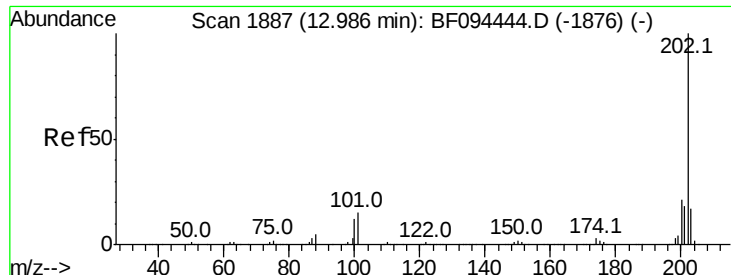


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

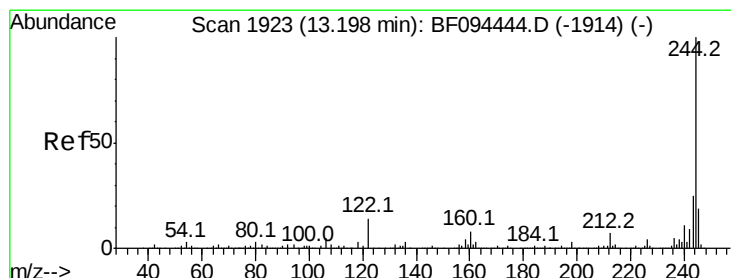
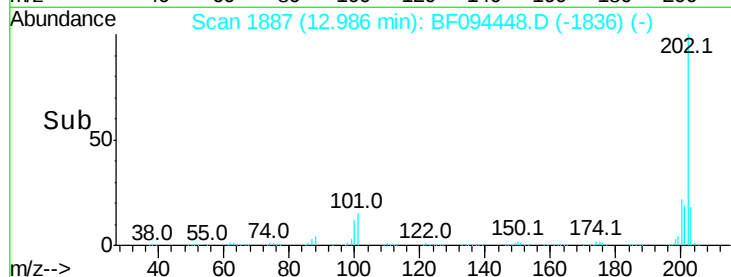
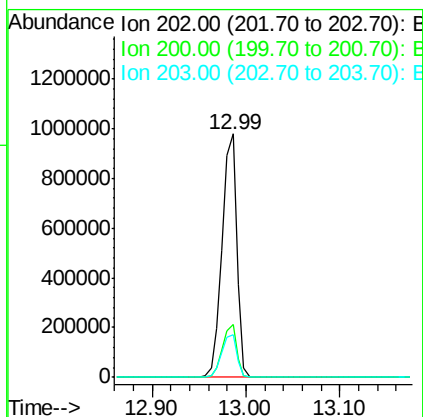
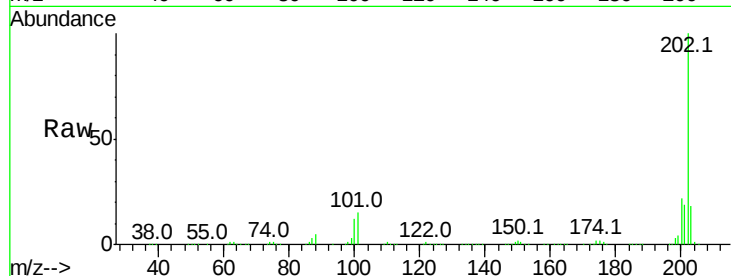




#77
Pvrene
Concen: 40.66 ng
RT: 12.99 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

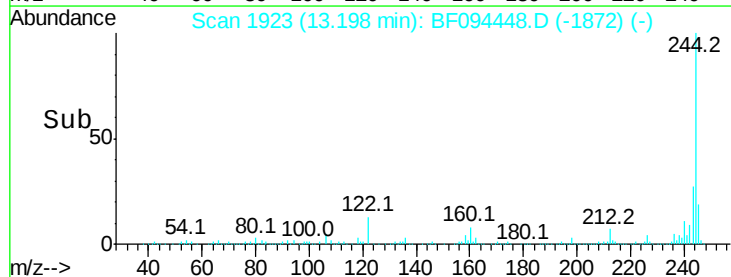
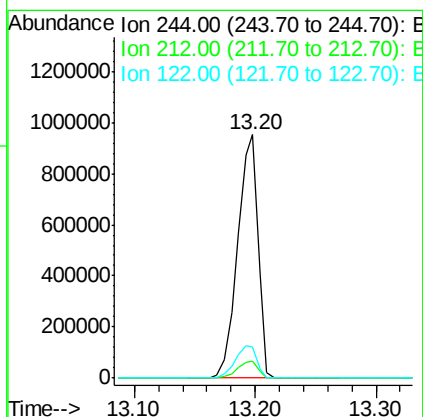
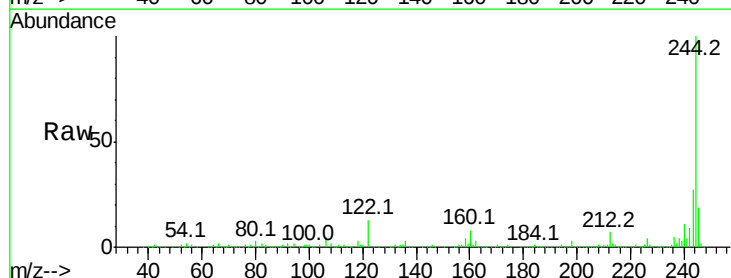
Instrument :
BNA_F
ClientSampleId :
ICVBF041717

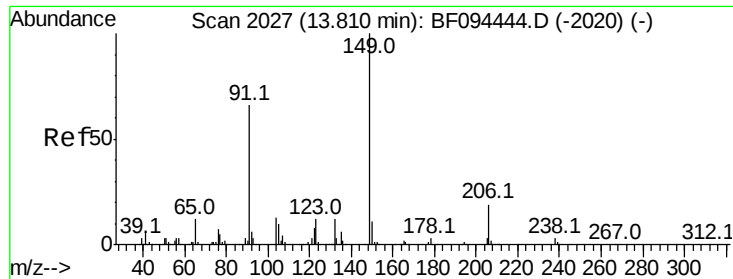
Tot Ion:202 Resp: 1077566
Ion Ratio Lower Upper
202 100
200 21.8 17.6 26.4
203 17.6 14.4 21.6



#78
Terphenyl-d14
Concen: 78.96 ng
RT: 13.20 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

Tgt Ion:244 Resp: 1120518
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 13.0 10.3 15.5

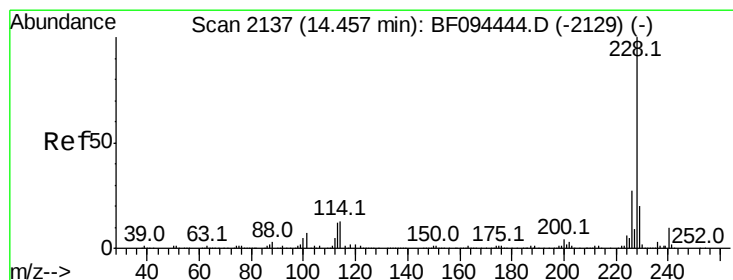
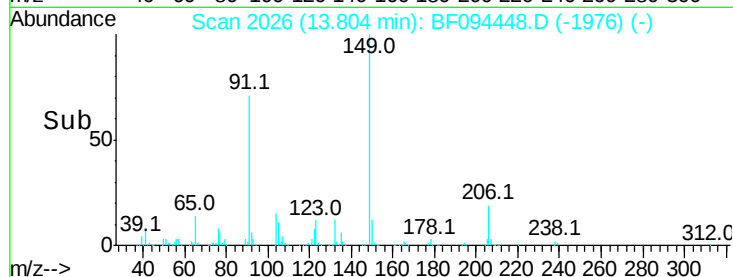
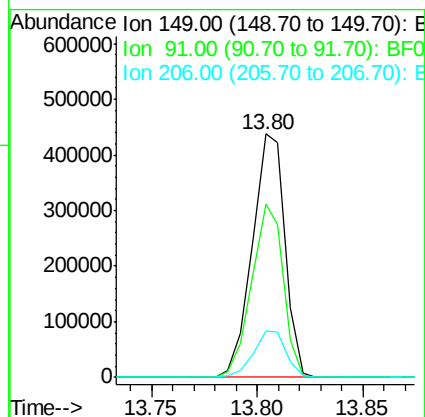
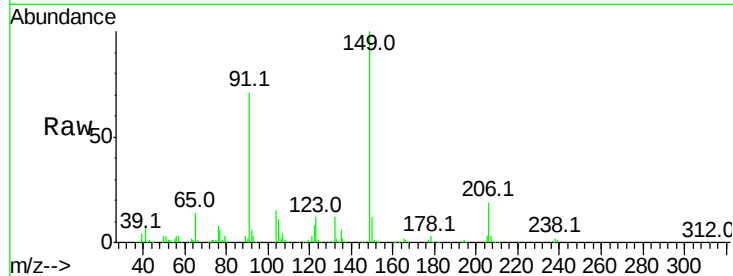




#79
Butylbenzylphthalate
Concen: 40.58 ng
RT: 13.80 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

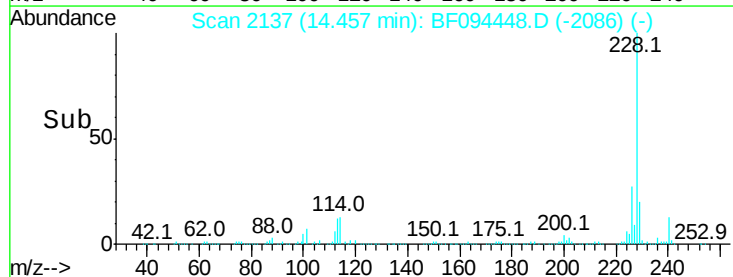
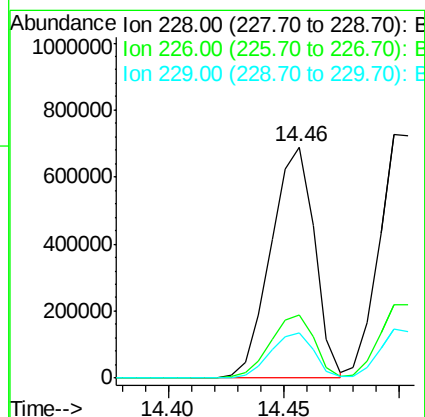
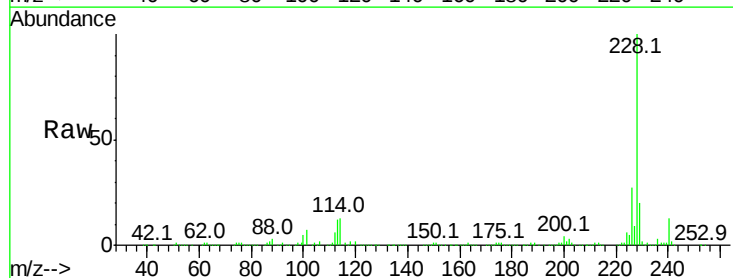
Instrument :
BNA_F
ClientSampleId :
ICVBF041717

Tot Ion:149 Resp: 471284
Ion Ratio Lower Upper
149 100
91 71.0 45.0 67.4#
206 19.0 17.0 25.6



#80
Benzo(a)anthracene
Concen: 40.92 ng
RT: 14.46 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BF094448.D
Acq: 17 Apr 2017 14:34

Tgt Ion:228 Resp: 902068
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.7 16.3 24.5

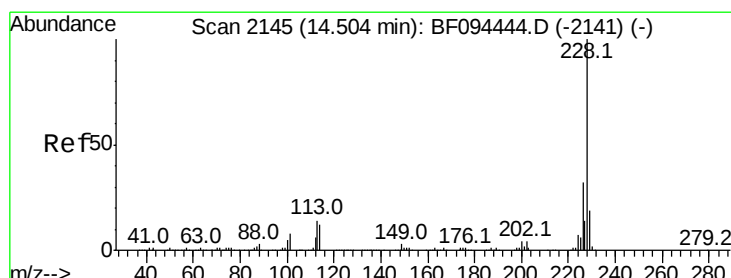
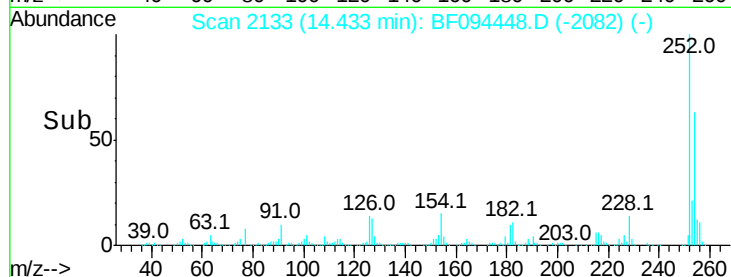
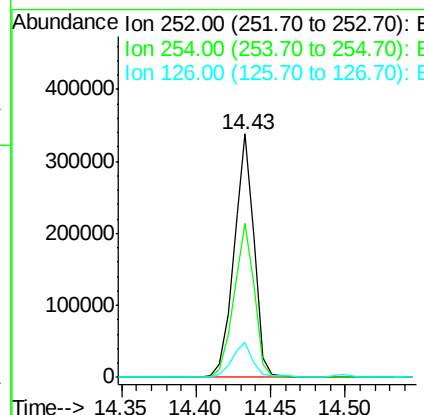
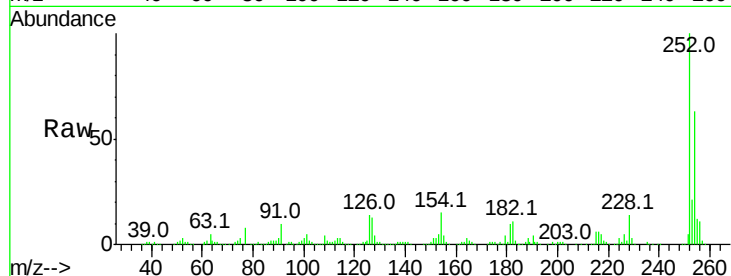




#81
 3,3'-Dichlorobenzidine
 Concen: 40.87 ng
 RT: 14.43 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BF094448.D
 Acq: 17 Apr 2017 14:34

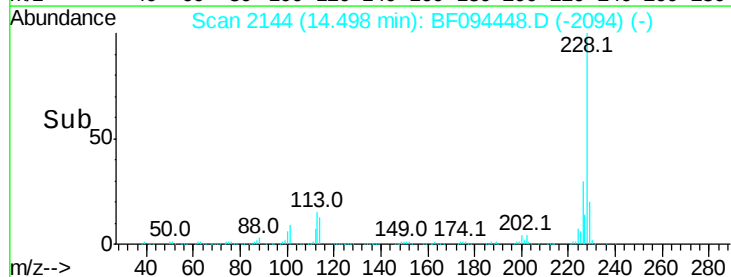
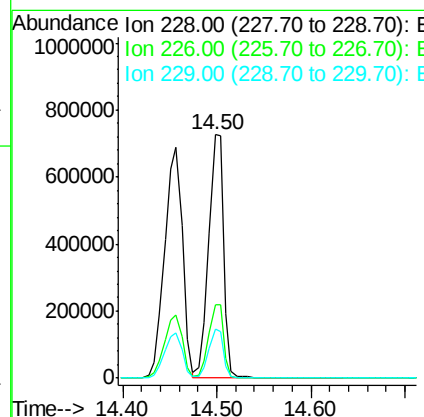
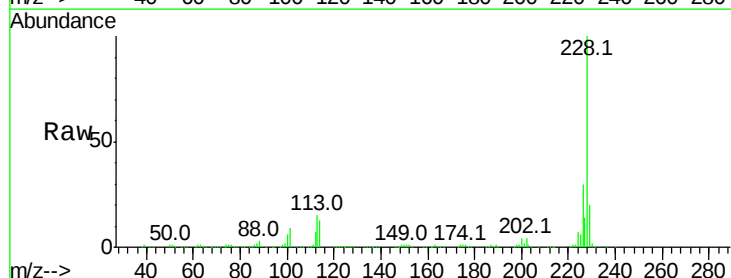
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041717

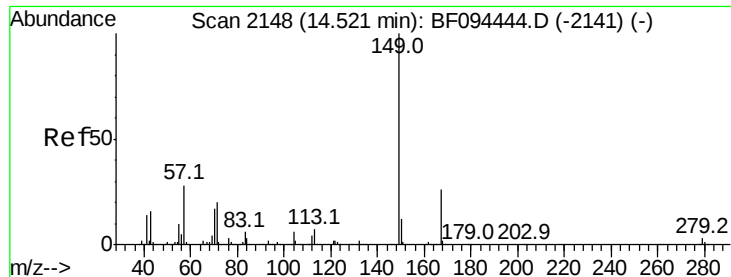
Tot Ion:252 Resp: 318989
 Ion Ratio Lower Upper
 252 100
 254 63.2 51.5 77.3
 126 14.1 15.8 23.8#



#82
 Chrysene
 Concen: 40.64 ng
 RT: 14.50 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BF094448.D
 Acq: 17 Apr 2017 14:34

Tgt Ion:228 Resp: 818943
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.9 37.3
 229 20.1 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.03 ng

RT: 14.52 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

Instrument :

BNA_F

ClientSampleId :

ICVBF041717

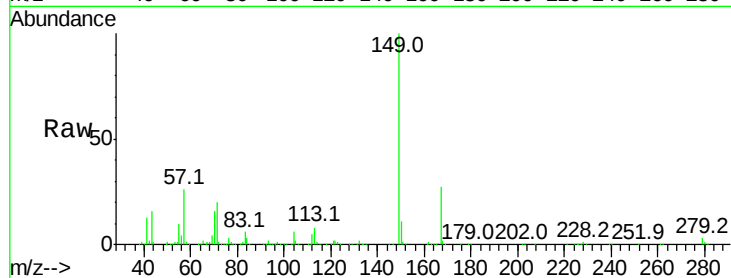
Tot Ion:149 Resp: 639881

Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

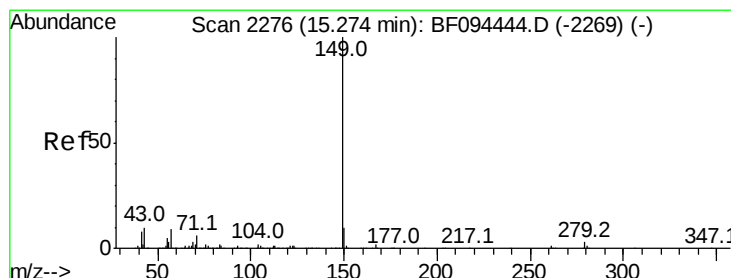
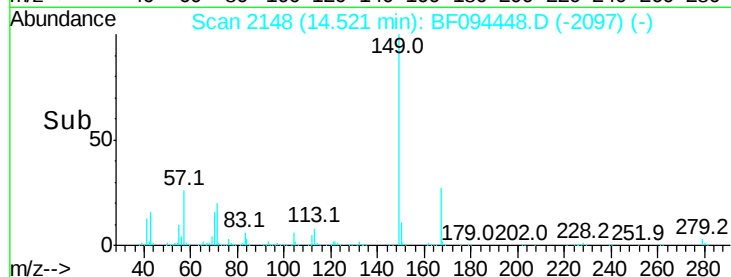
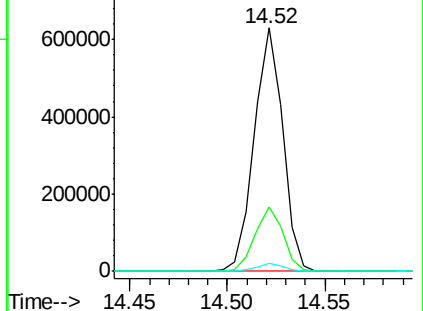
279 3.1 1.9 2.9#



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: 41.09 ng

RT: 15.27 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

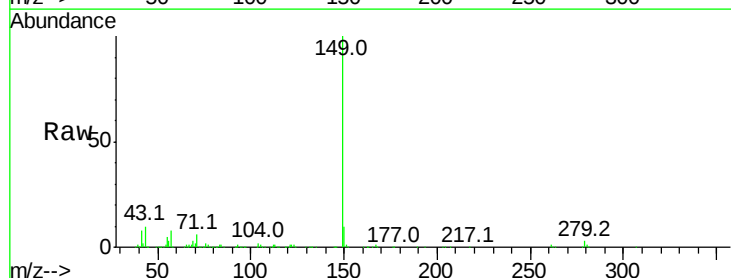
Tgt Ion:149 Resp: 1074908

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

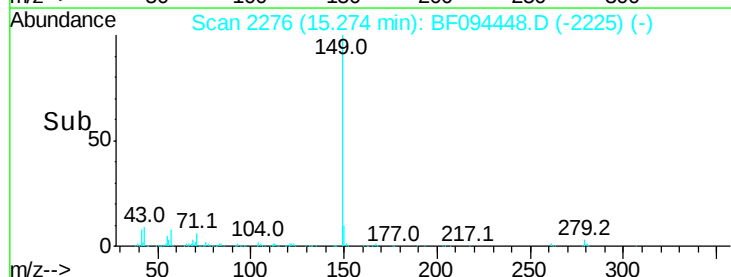
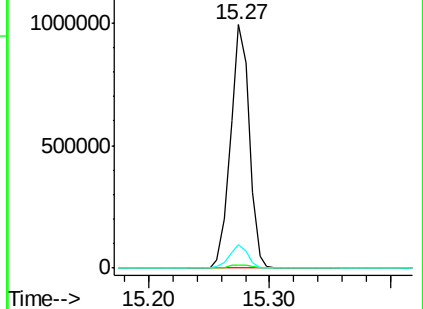
43 9.4 8.5 12.7

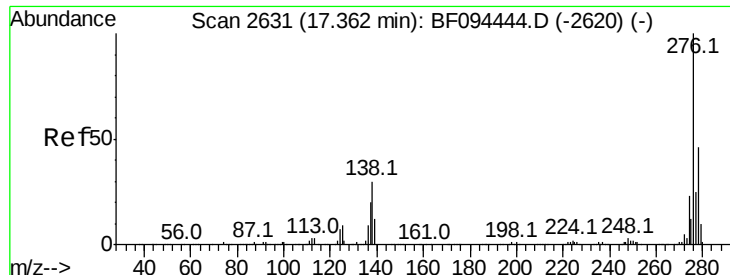


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

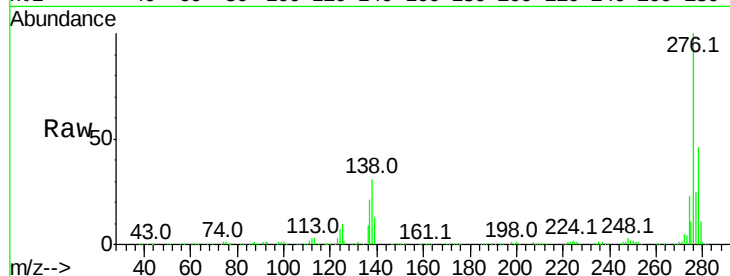




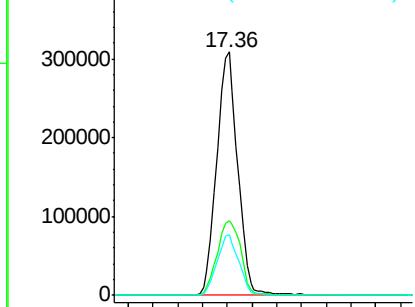
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.26 ng
 RT: 17.36 min Scan# 2631
 Delta R.T. 0.00 min
 Lab File: BF094448.D
 Acq: 17 Apr 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041717

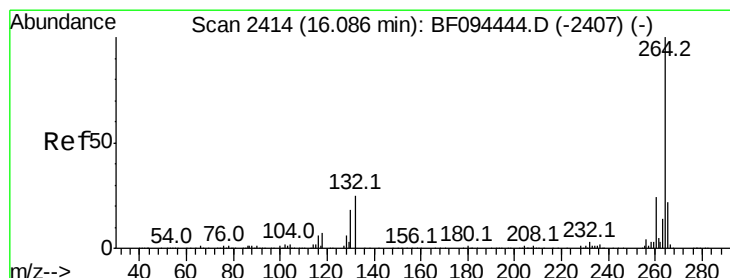
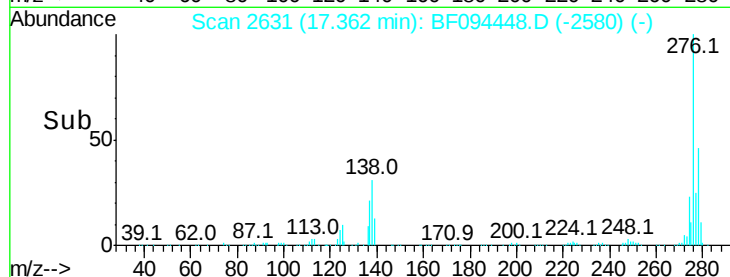
Tot Ion:276 Resp: 733574
 Ion Ratio Lower Upper
 276 100
 138 34.2 27.8 41.6
 277 25.6 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

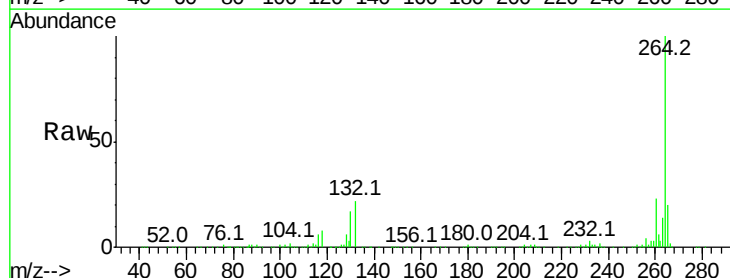


Time--> 17.20 17.40 17.60

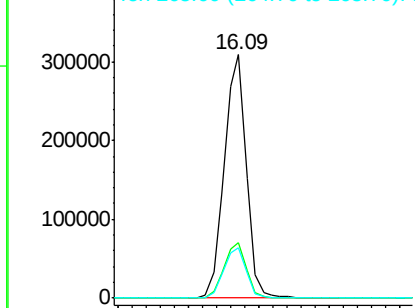


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BF094448.D
 Acq: 17 Apr 2017 14:34

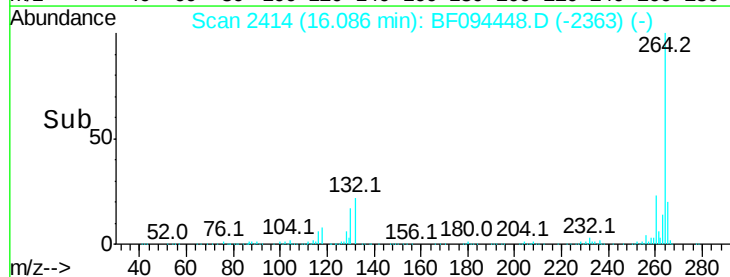
Tgt Ion:264 Resp: 335016
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 20.5 17.2 25.8

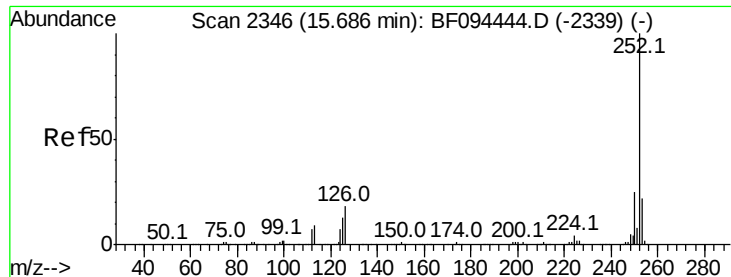


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time--> 16.00 16.05 16.10 16.15





#87

Benzo(b)fluoranthene

Concen: 41.72 ng

RT: 15.69 min Scan# 2347

Delta R.T. 0.01 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

Instrument :

BNA_F

ClientSampleId :

ICVBF041717

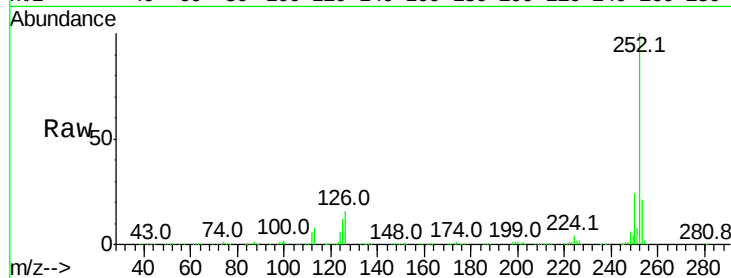
Tot Ion:252 Resp: 855028

Ion Ratio Lower Upper

252 100

253 21.3 18.1 27.1

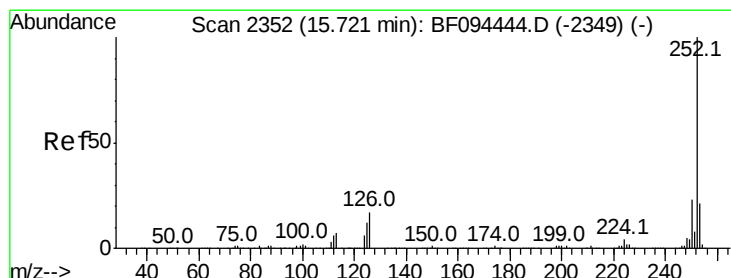
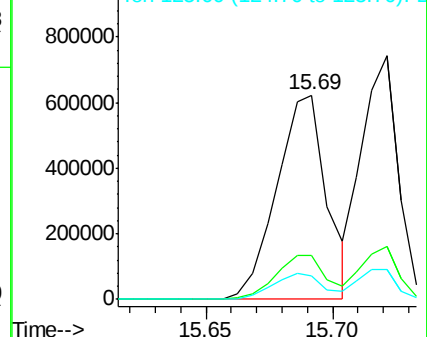
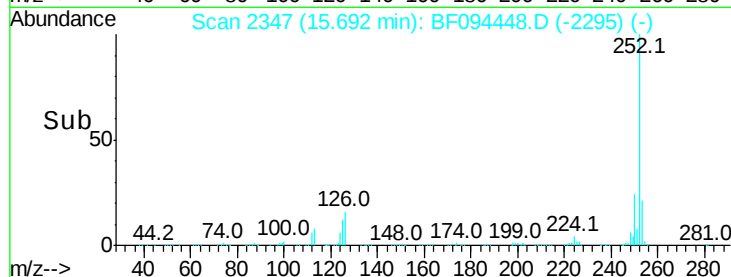
125 11.8 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.04 ng

RT: 15.72 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

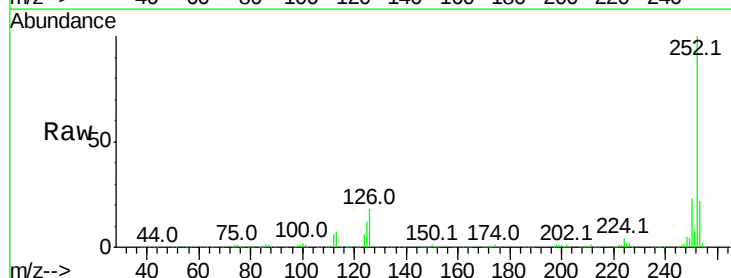
Tgt Ion:252 Resp: 757199

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

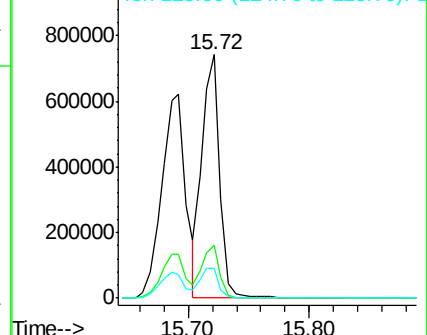
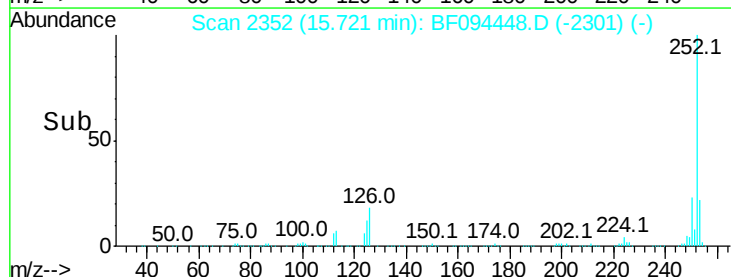
125 12.2 13.1 19.7#

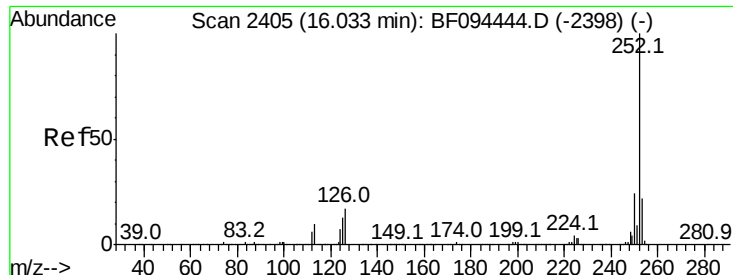


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.42 ng

RT: 16.03 min Scan# 2405

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

Instrument :

BNA_F

ClientSampleId :

ICVBF041717

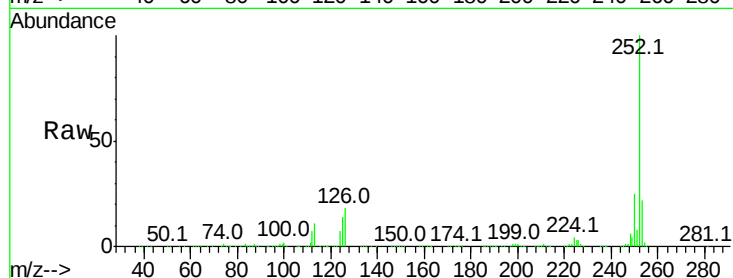
Tot Ion:252 Resp: 770744

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

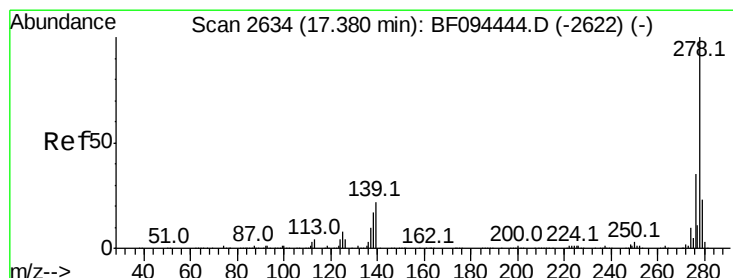
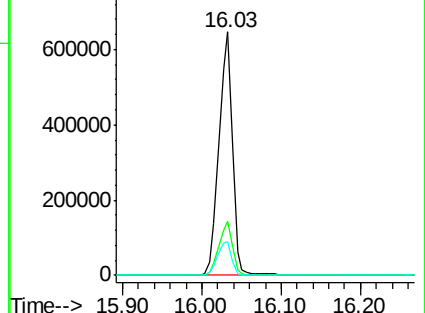
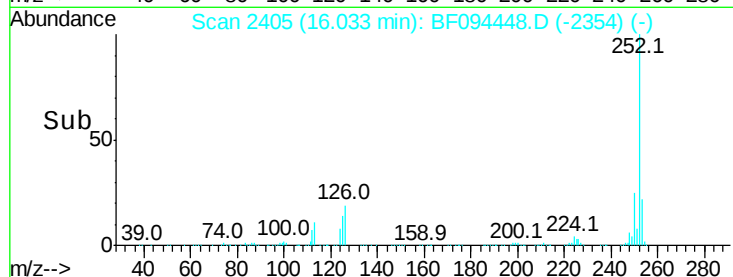
125 13.7 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.43 ng

RT: 17.38 min Scan# 2634

Delta R.T. 0.00 min

Lab File: BF094448.D

Acq: 17 Apr 2017 14:34

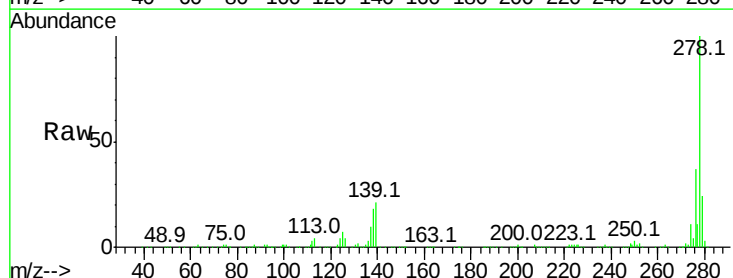
Tgt Ion:278 Resp: 608363

Ion Ratio Lower Upper

278 100

139 20.9 16.6 24.8

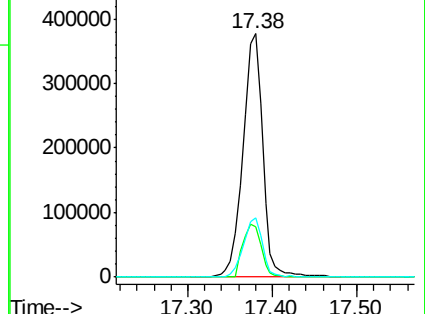
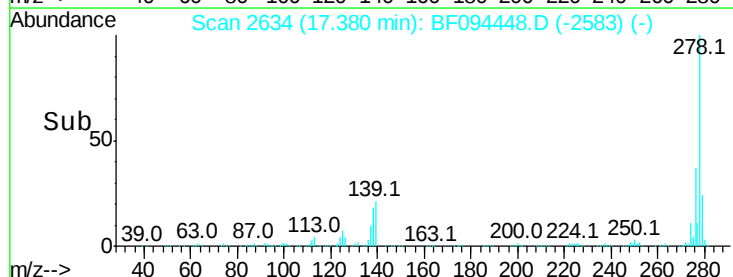
279 24.1 19.3 28.9

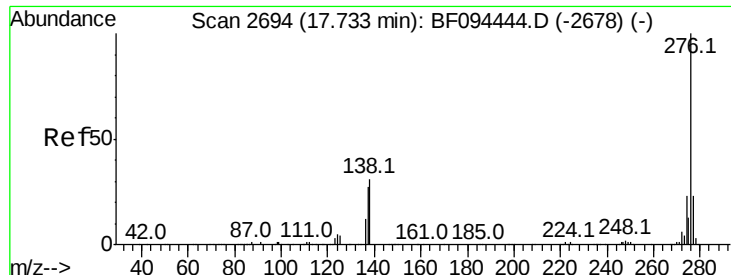


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

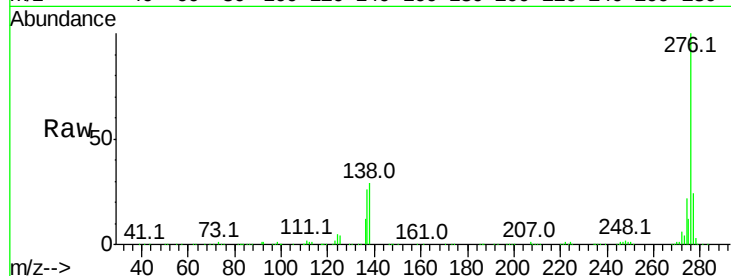




#91
 Benzo(a,h,i)perylene
 Concen: 37.91 ng
 RT: 17.73 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: BF094448.D
 Acq: 17 Apr 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041717

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	29.0	25.4	38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

