

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093765.D
 Acq On : 20 Mar 2017 15:10
 Operator : SJ/MA
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032017

Quant Time: Mar 20 16:05:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 16:03:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	232640	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	973188	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	428673	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	721106	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	474761	20.00	ng	-0.02
86) Perylene-d12	15.39	264	495427	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1068407	80.31	ng	-0.01
7) Phenol-d6	6.47	99	1307533	79.54	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1432729	83.51	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	281797	84.87	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1909139	74.89	ng	-0.01
78) Terphenyl-d14	12.94	244	1918080	82.37	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.44	88	277167	41.12	ng	99
3) Pyridine	3.14	79	780866	43.24	ng	99
4) n-Nitrosodimethylamine	3.09	42	326651	41.94	ng	93
6) Aniline	6.49	93	924886	40.24	ng	100
8) 2-Chlorophenol	6.62	128	591780	40.44	ng	99
9) Benzaldehyde	6.38	77	482396	41.51	ng	99
10) Phenol	6.48	94	825815	44.69	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	603402	40.22	ng	99
12) 1,3-Dichlorobenzene	6.78	146	686200	41.35	ng	100
13) 1,4-Dichlorobenzene	6.86	146	715552	42.26	ng	99
14) 1,2-Dichlorobenzene	7.01	146	583514	37.57	ng	99
15) Benzyl Alcohol	6.98	79	510638	41.92	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.12	45	944567	39.60	ng	100
17) 2-Methylphenol	7.10	107	544703	42.42	ng	96
18) Hexachloroethane	7.35	117	246383	41.04	ng	# 73
19) n-Nitroso-di-n-propylamine	7.26	70	413888	38.43	ng	97
20) 3+4-Methylphenols	7.25	107	560747	36.88	ng	95
22) Acetophenone	7.25	105	757939	35.97	ng	# 99
24) Nitrobenzene	7.42	77	597069	36.43	ng	98
25) Isophorone	7.67	82	1212463	39.89	ng	# 92
26) 2-Nitrophenol	7.74	139	341245	46.04	ng	99
27) 2,4-Dimethylphenol	7.78	122	601188	39.44	ng	94
28) bis(2-Chloroethoxy)methane	7.88	93	732746	37.47	ng	99
29) 2,4-Dichlorophenol	7.98	162	510294	39.33	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	535338	39.73	ng	99
31) Naphthalene	8.15	128	1876389	41.54	ng	100
32) Benzoic acid	7.90	122	381343	40.23	ng	98
33) 4-Chloroaniline	8.20	127	743660	38.31	ng	# 88
34) Hexachlorobutadiene	8.28	225	284794	40.19	ng	99
35) Caprolactam	8.56	113	155642	38.21	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	565428	42.05	ng	90
37) 2-Methylnaphthalene	8.84	142	1130669	38.35	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	488035	42.99	ng	99
40) Hexachlorocyclopentadiene	9.00	237	232881	40.66	ng	99

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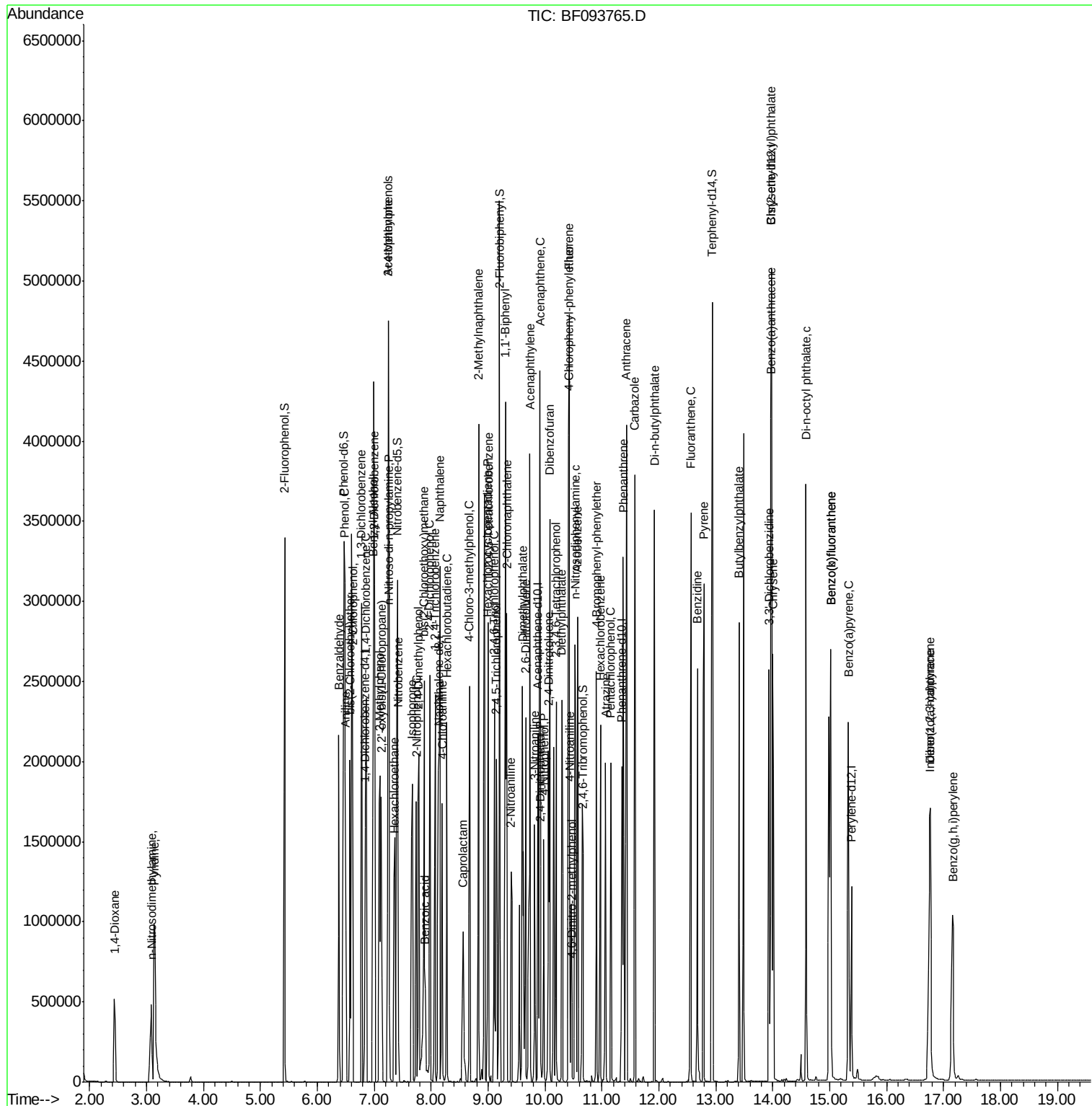
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	345079	41.87	nq	99
43) 2,4,5-Trichlorophenol	9.14	196	328315	38.37	nq	97
45) 1,1'-Biphenyl	9.30	154	1411784	40.52	nq	99
46) 2-Chloronaphthalene	9.33	162	1114908	41.74	nq	98
47) 2-Nitroaniline	9.41	65	299090	40.09	nq	96
48) Acenaphthylene	9.74	152	1748329	40.22	nq	100
49) Dimethylphthalate	9.60	163	1114521	36.53	nq	100
50) 2,6-Dinitrotoluene	9.66	165	287280	42.89	nq	# 85
51) Acenaphthene	9.91	154	1021474	39.34	nq	99
52) 3-Nitroaniline	9.82	138	293871	36.55	nq	100
53) 2,4-Dinitrophenol	9.92	184	109505	41.65	nq	85
54) Dibenzofuran	10.08	168	1430128	40.93	nq	99
55) 4-Nitrophenol	9.98	139	282506	46.78	nq	# 73
56) 2,4-Dinitrotoluene	10.06	165	387060	45.52	nq	# 88
57) Fluorene	10.42	166	1096642	40.98	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	246891	42.01	nq	98
59) Diethylphthalate	10.30	149	1171965	39.42	nq	100
60) 4-Chlorophenyl-phenylether	10.41	204	435524	38.61	nq	99
61) 4-Nitroaniline	10.44	138	316919	44.07	nq	96
62) Azobenzene	10.57	77	1174713	39.95	nq	99
64) 4,6-Dinitro-2-methylphenol	10.47	198	173004	41.41	nq	# 41
65) n-Nitrosodiphenylamine	10.53	169	985499	40.99	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	287770	41.46	nq	97
67) Hexachlorobenzene	10.97	284	309487	43.24	nq	# 94
68) Atrazine	11.06	200	331287	44.89	nq	98
69) Pentachlorophenol	11.16	266	186705	44.61	nq	97
70) Phenanthrene	11.37	178	1473561	38.37	nq	100
71) Anthracene	11.43	178	1637929	41.43	nq	100
72) Carbazole	11.58	167	1508868	38.54	nq	99
73) Di-n-butylphthalate	11.92	149	1720809	40.84	nq	100
74) Fluoranthene	12.56	202	1645967	41.70	nq	98
76) Benzidine	12.68	184	837782	40.22	nq	96
77) Pyrene	12.79	202	1716869	43.45	nq	100
79) Butylbenzylphthalate	13.41	149	721625	40.87	nq	# 74
80) Benzo(a)anthracene	13.97	228	1238028	41.63	nq	100
81) 3,3'-Dichlorobenzidine	13.93	252	452994	40.43	nq	98
82) Chrysene	14.00	228	1230084	41.40	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	914221	42.99	nq	# 98
84) Di-n-octyl phthalate	14.59	149	1752838	45.17	nq	100
85) Indeno(1,2,3-cd)pyrene	16.76	276	1045424	42.97	nq	98
87) Benzo(b)fluoranthene	15.02	252	2369759	70.95	nq	99
88) Benzo(k)fluoranthene	15.02	252	2370652	96.13	nq	# 94
89) Benzo(a)pyrene	15.33	252	1078620	39.83	nq	99
90) Dibenzo(a,h)anthracene	16.77	278	912081	40.56	nq	97
91) Benzo(g,h,i)perylene	17.17	276	887743	39.77	nq	95

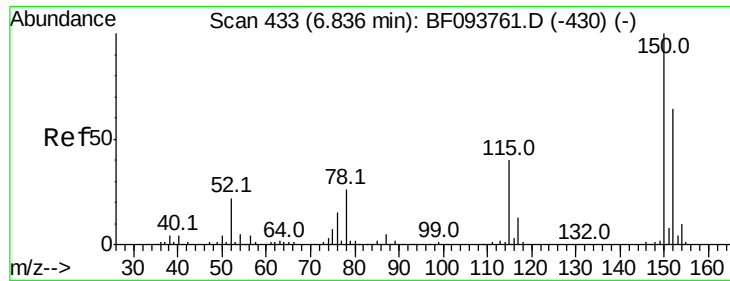
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

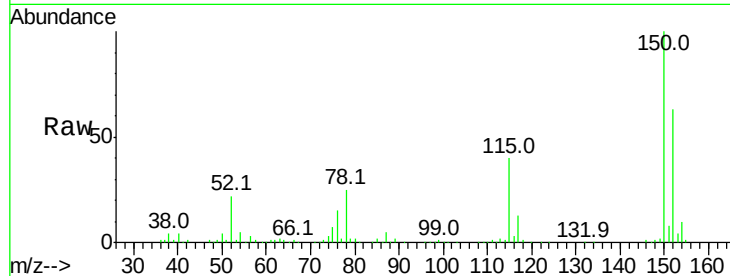
Tot Ion:152 Resp: 232640

Ion Ratio Lower Upper

152 100

150 158.5 126.2 189.2

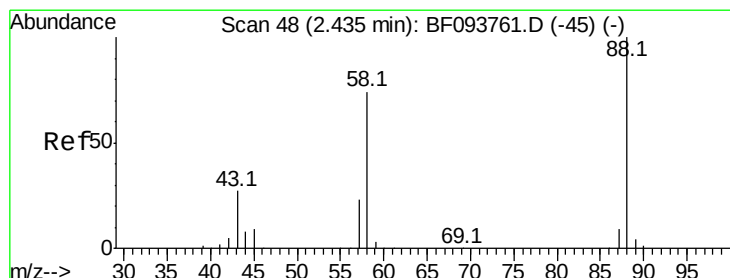
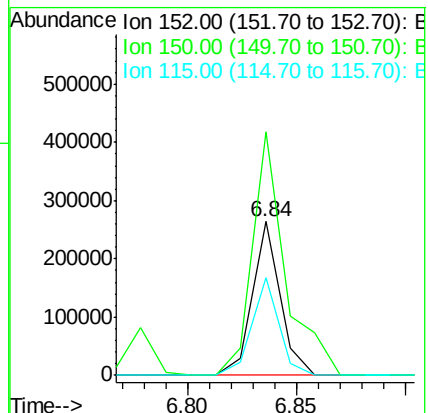
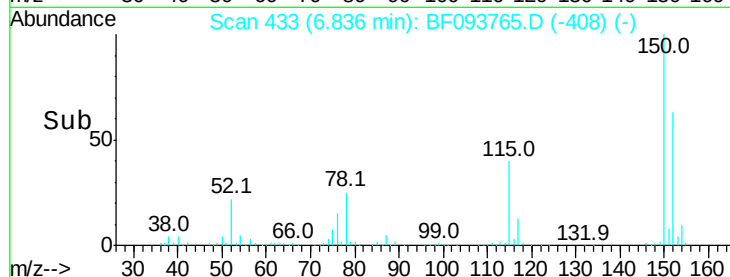
115 63.8 52.2 78.2



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: 41.12 ng

RT: 2.44 min Scan# 48

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

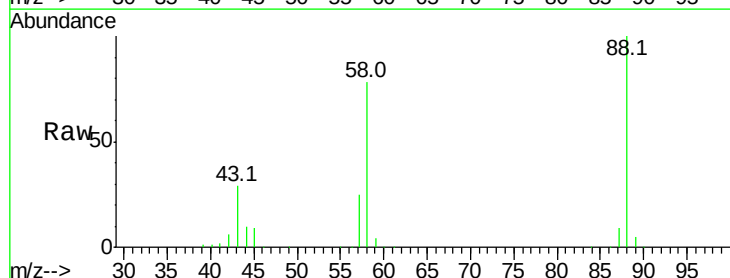
Tgt Ion: 88 Resp: 277167

Ion Ratio Lower Upper

88 100

58 75.9 61.4 92.0

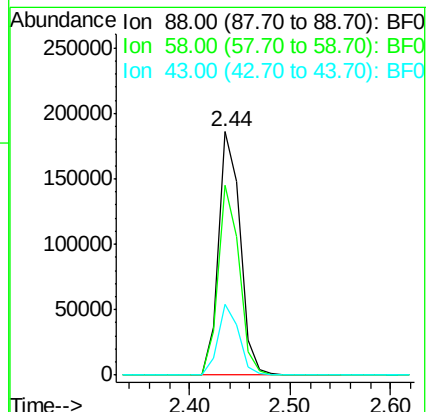
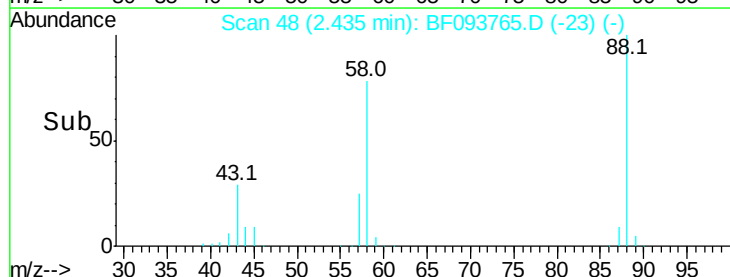
43 28.2 23.4 35.0

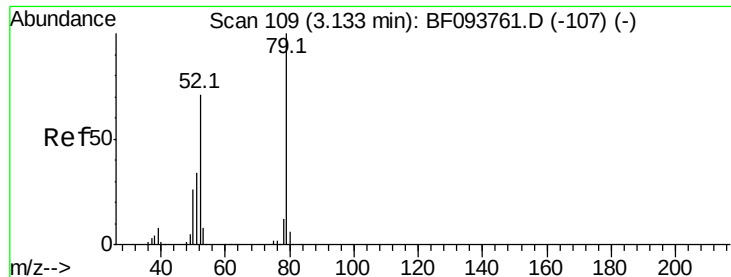


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 43.24 ng

RT: 3.14 min Scan# 110

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

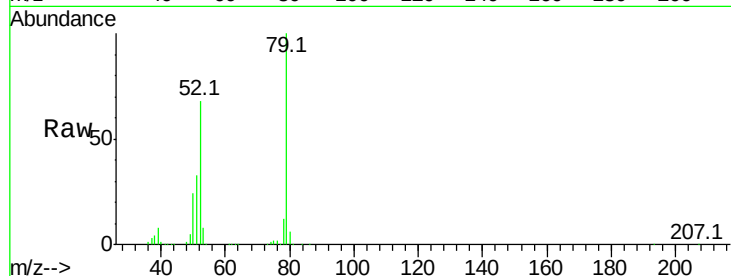
Tot Ion: 79 Resp: 780866

Ion Ratio Lower Upper

79 100

52 68.0 54.8 82.2

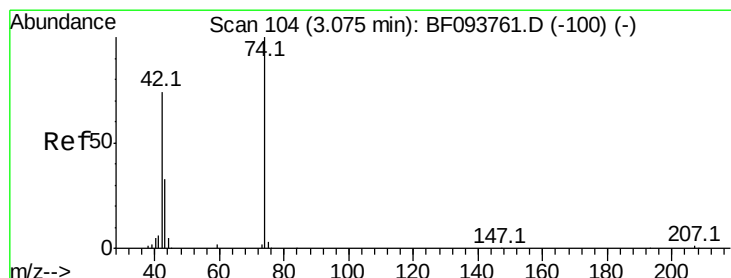
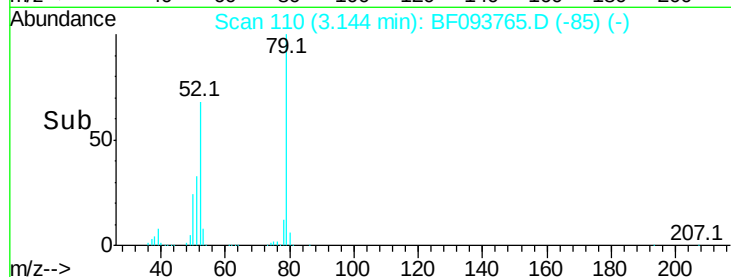
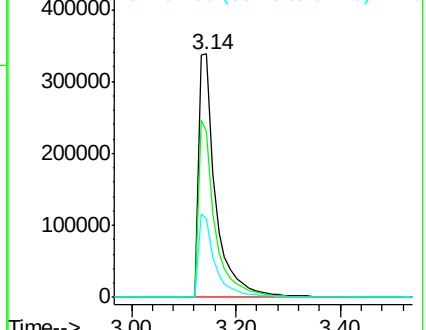
51 32.5 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.94 ng

RT: 3.09 min Scan# 105

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

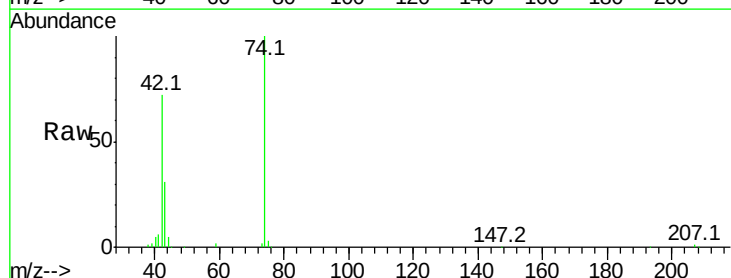
Tgt Ion: 42 Resp: 326651

Ion Ratio Lower Upper

42 100

74 138.5 103.9 155.9

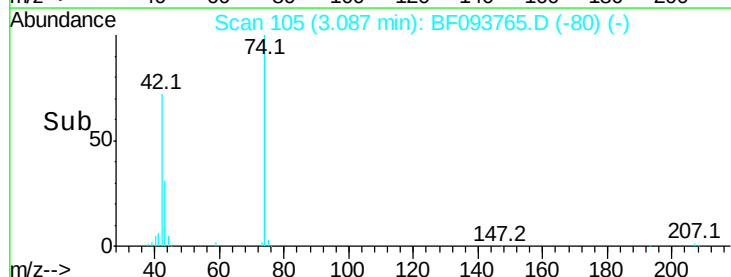
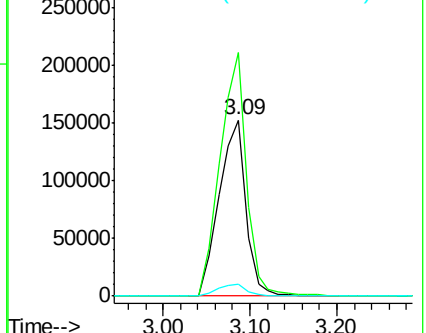
44 6.6 5.7 8.5

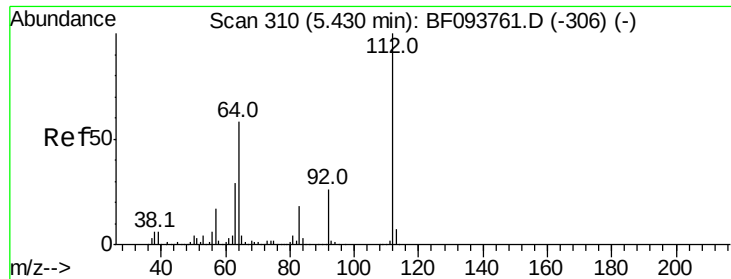


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 80.31 ng

RT: 5.43 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

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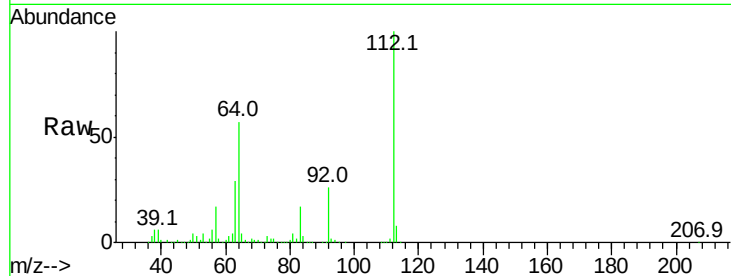
Tot Ion:112 Resp: 1068407

Ion Ratio Lower Upper

112 100

64 57.4 46.0 69.0

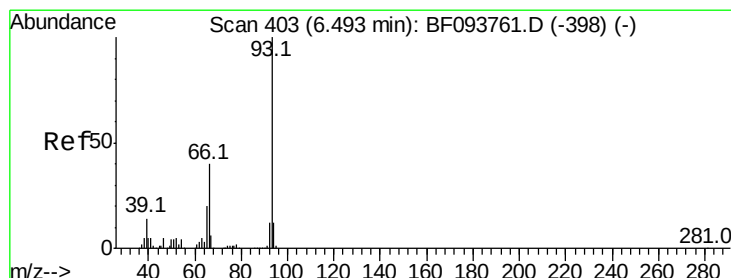
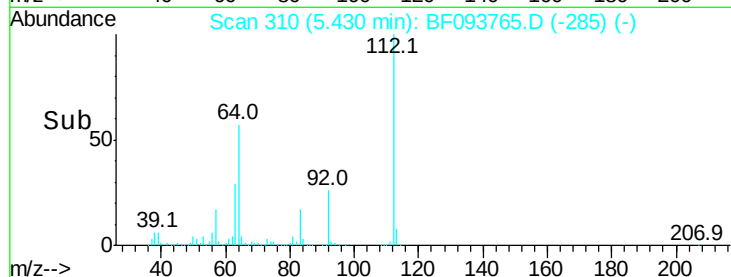
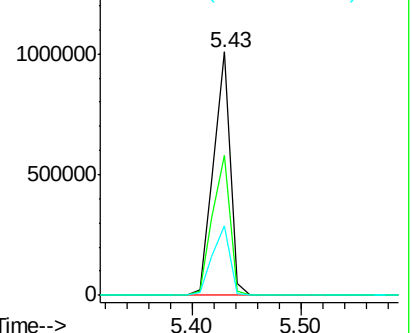
63 28.6 23.4 35.0



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: 40.24 ng

RT: 6.49 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

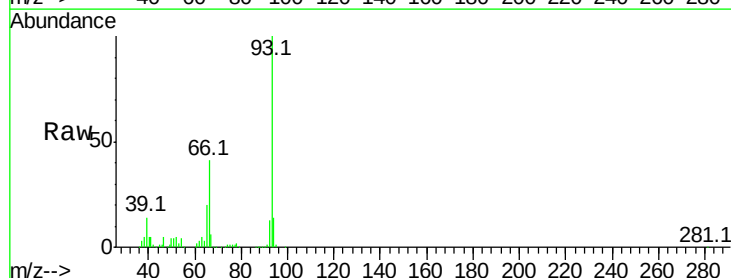
Tgt Ion: 93 Resp: 924886

Ion Ratio Lower Upper

93 100

66 41.0 32.9 49.3

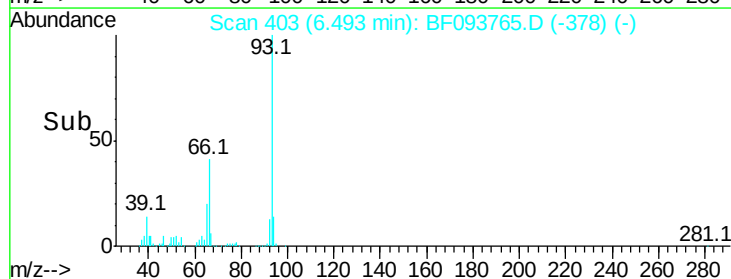
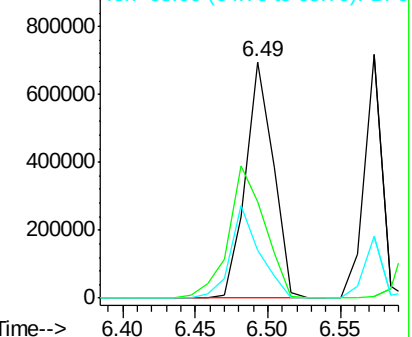
65 20.1 16.0 24.0

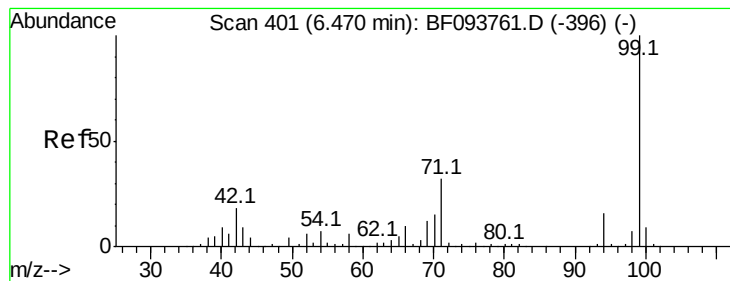


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.54 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

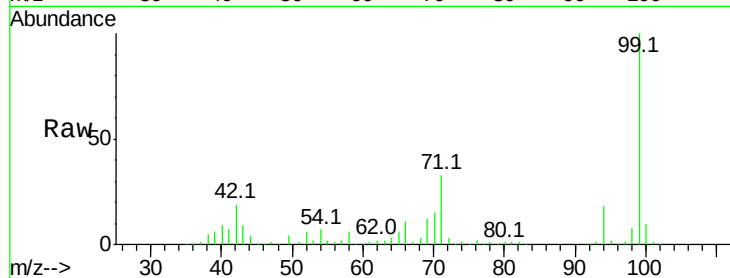
BNA_F

ClientSampleId :

ICVBF032017

Tot Ion: 99 Resp: 1307533

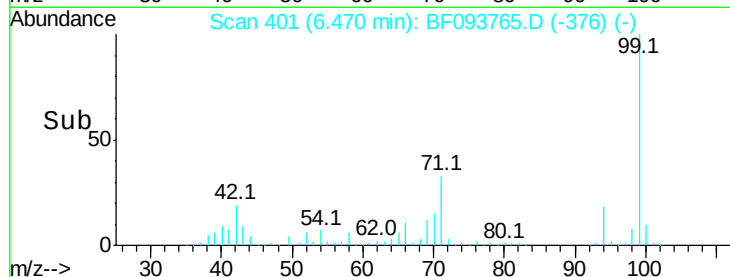
Ion	Ratio	Lower	Upper
99	100		
42	18.8	13.5	20.3
71	32.6	24.5	36.7



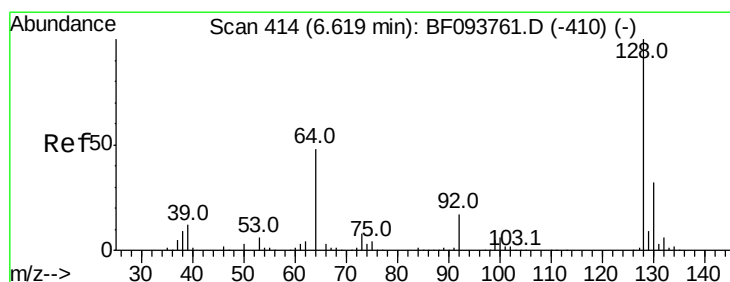
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 40.44 ng

RT: 6.62 min Scan# 414

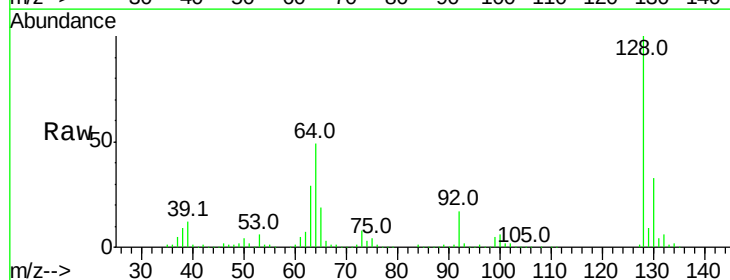
Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Tgt Ion: 128 Resp: 591780

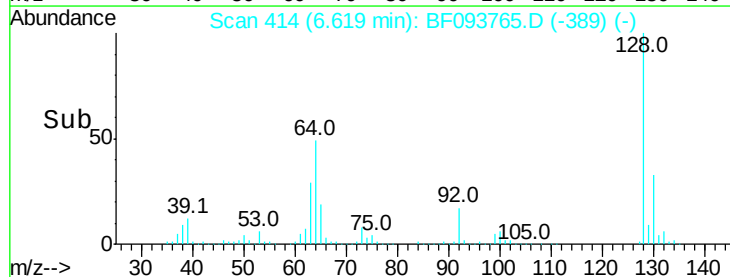
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	49.0	28.4	68.4



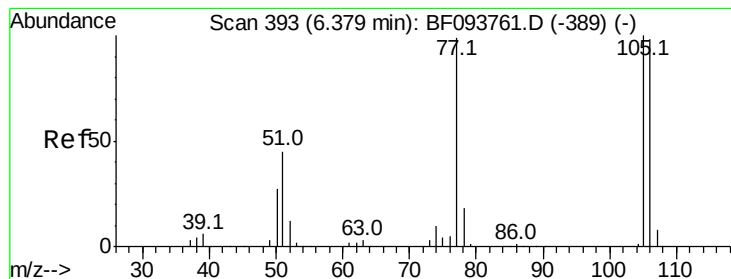
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



Time-->



#9

Benzaldehyde

Concen: 41.51 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

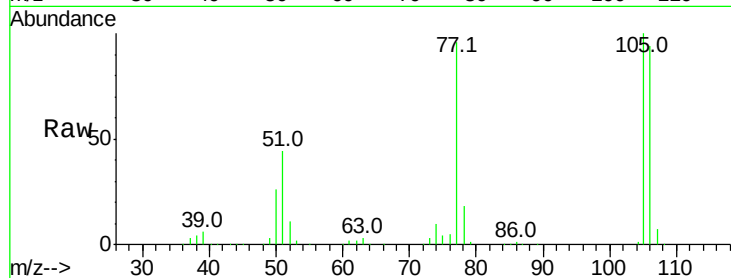
Tot Ion: 77 Resp: 482396

Ion Ratio Lower Upper

77 100

105 104.2 83.8 123.8

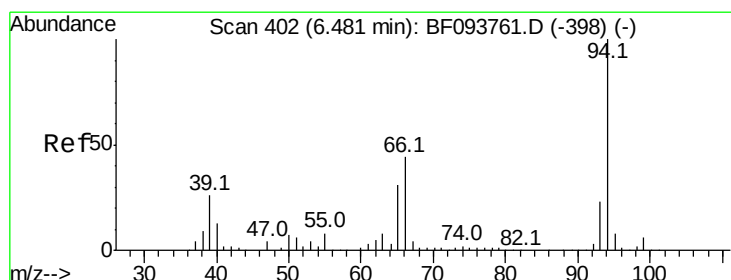
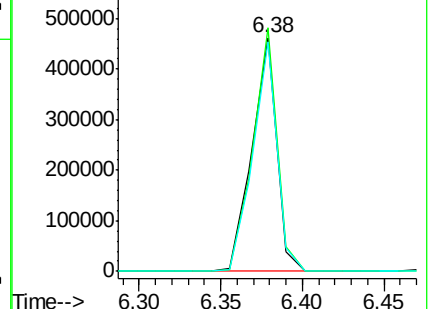
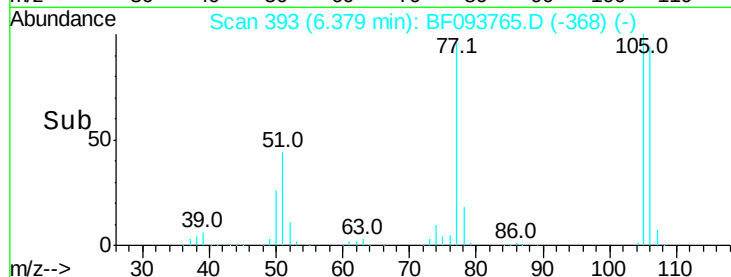
106 98.5 79.1 119.1



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: 44.69 ng

RT: 6.48 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

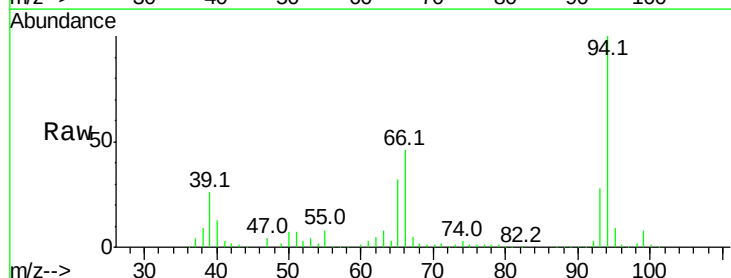
Tgt Ion: 94 Resp: 825815

Ion Ratio Lower Upper

94 100

65 31.9 9.9 49.9

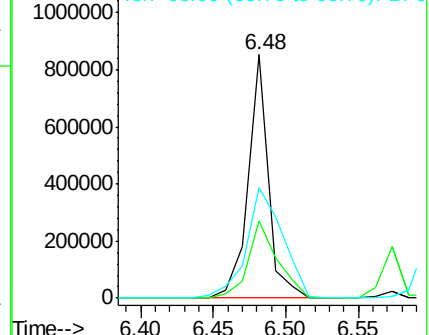
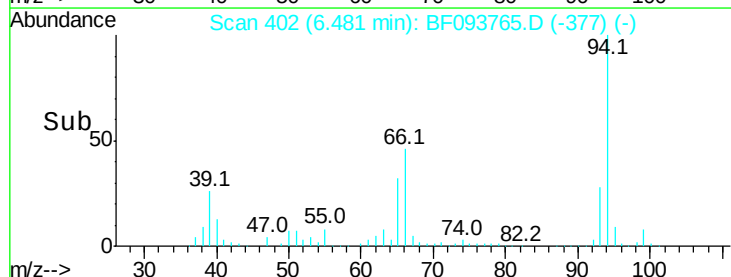
66 45.6 23.1 63.1

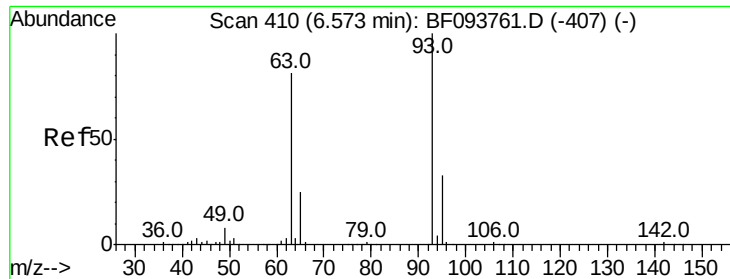


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

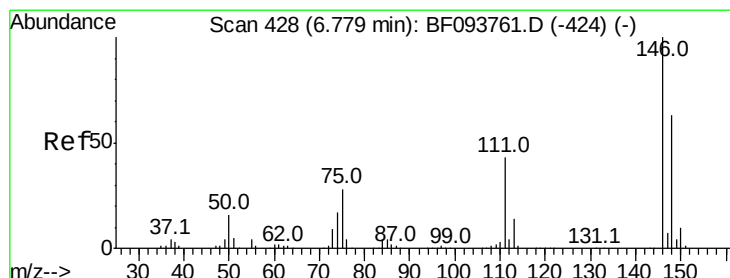
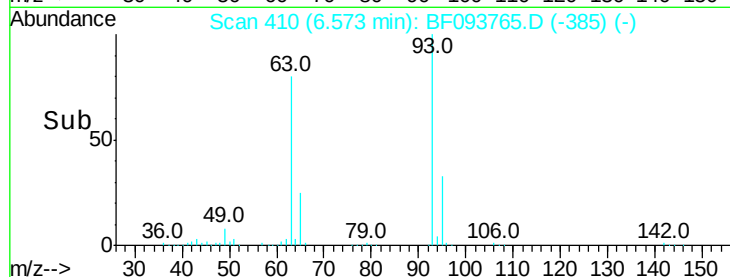
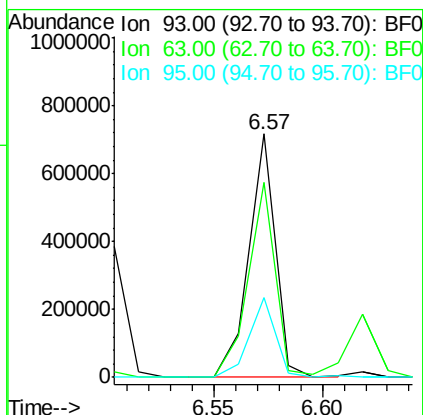
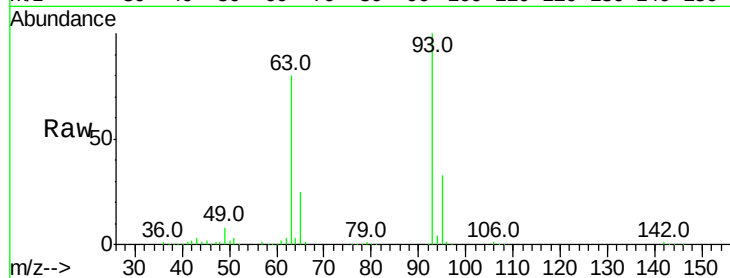




#11
bis(2-Chloroethyl)ether
Concen: 40.22 ng
RT: 6.57 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF093765.D
Acq: 20 Mar 2017 15:10

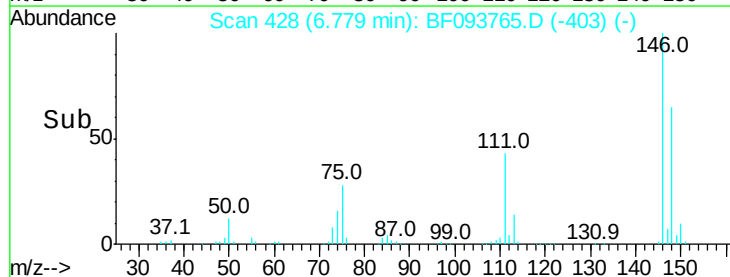
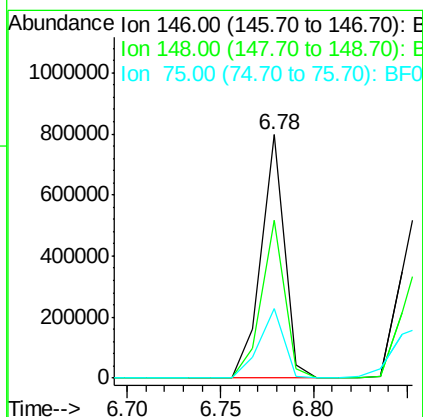
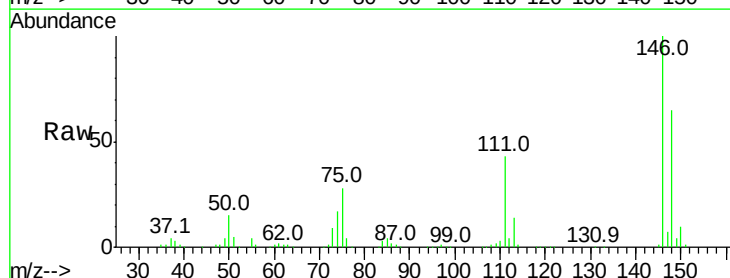
Instrument :
BNA_F
ClientSampleId :
ICVBF032017

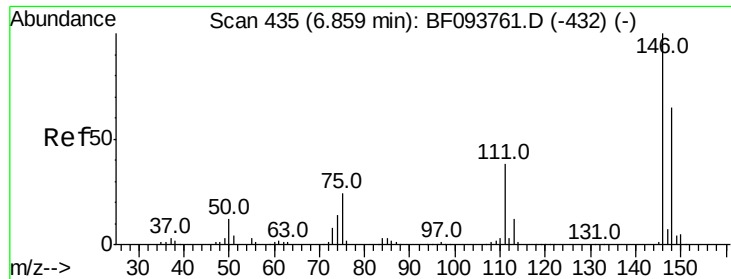
Tot Ion: 93 Resp: 603402
Ion Ratio Lower Upper
93 100
63 79.8 59.2 99.2
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.35 ng
RT: 6.78 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF093765.D
Acq: 20 Mar 2017 15:10

Tgt Ion: 146 Resp: 686200
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.6
75 28.3 23.1 34.7

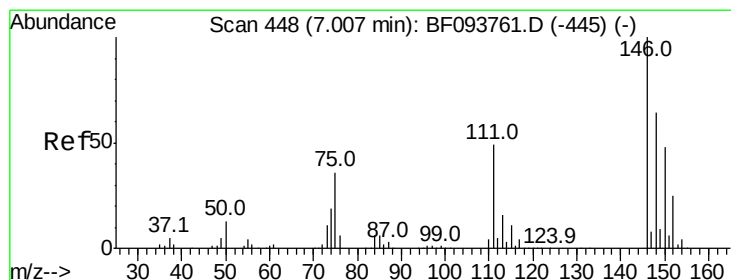
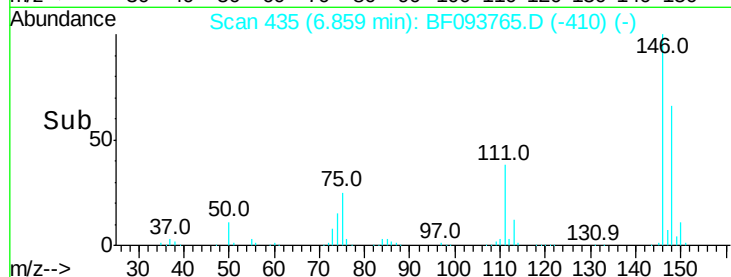
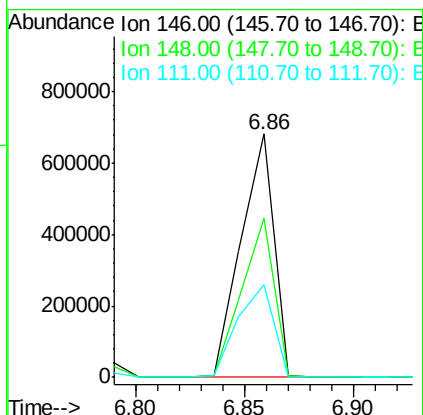
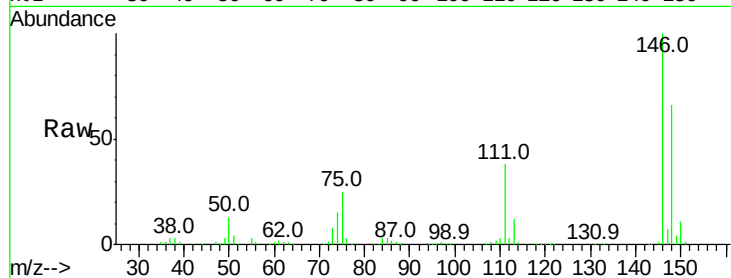




#13
 1,4-Dichlorobenzene
 Concen: 42.26 ng
 RT: 6.86 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BF093765.D
 Acq: 20 Mar 2017 15:10

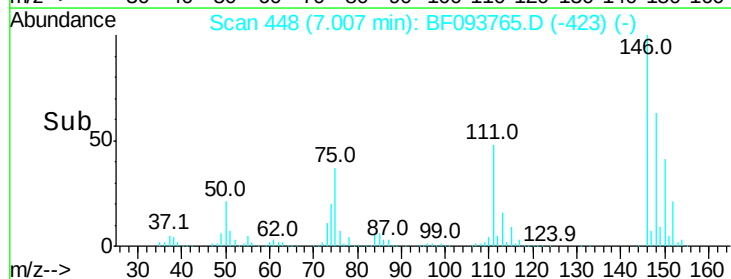
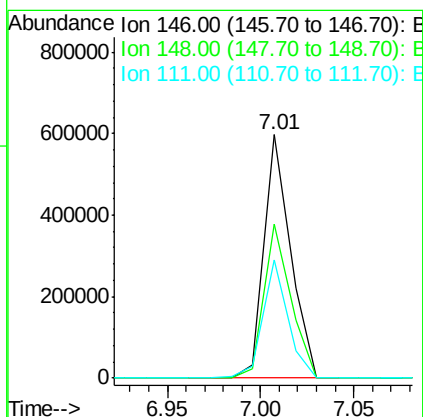
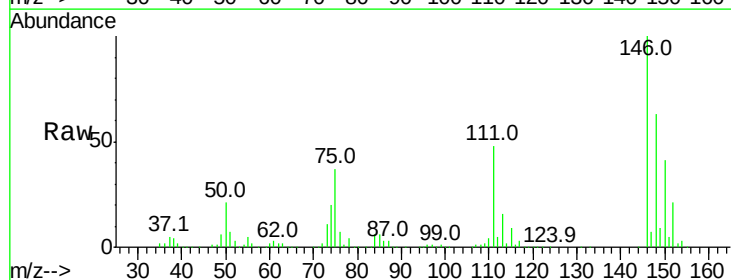
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032017

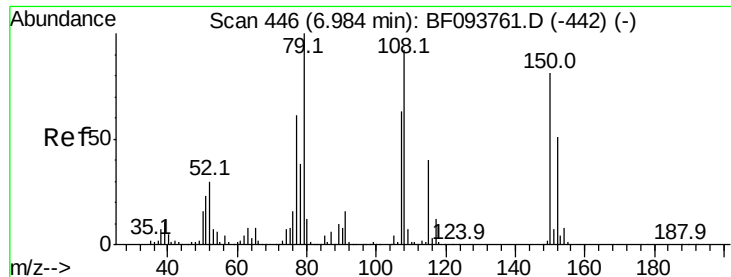
Tot Ion:146 Resp: 715552
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.2 78.2
 111 38.3 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 37.57 ng
 RT: 7.01 min Scan# 448
 Delta R.T. -0.01 min
 Lab File: BF093765.D
 Acq: 20 Mar 2017 15:10

Tgt Ion:146 Resp: 583514
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.4 75.6
 111 48.3 38.2 57.4





#15

Benzyl Alcohol

Concen: 41.92 ng

RT: 6.98 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

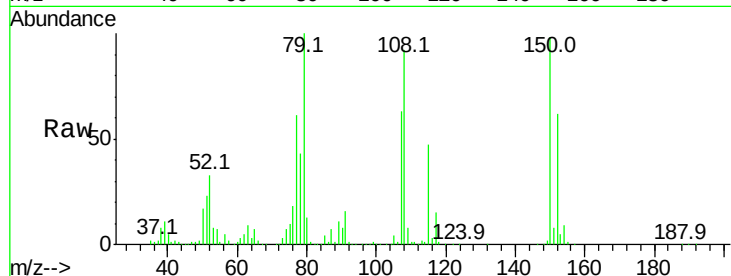
Tot Ion: 79 Resp: 510638

Ion Ratio Lower Upper

79 100

108 92.0 63.4 95.0

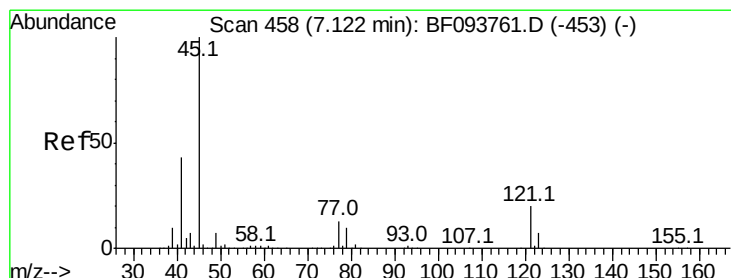
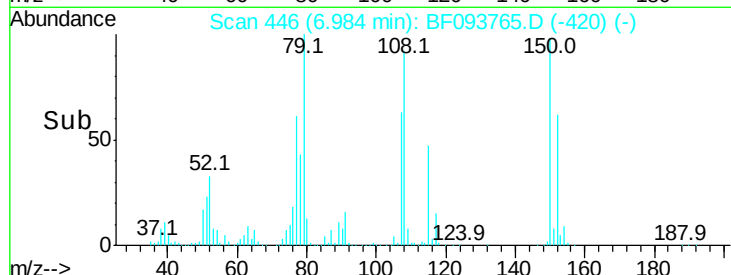
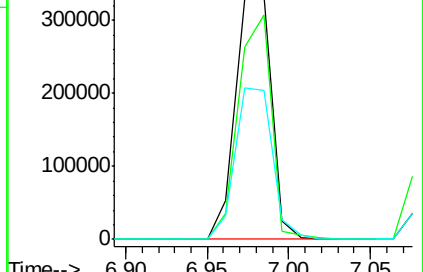
77 61.0 49.2 73.8



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: 39.60 ng

RT: 7.12 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

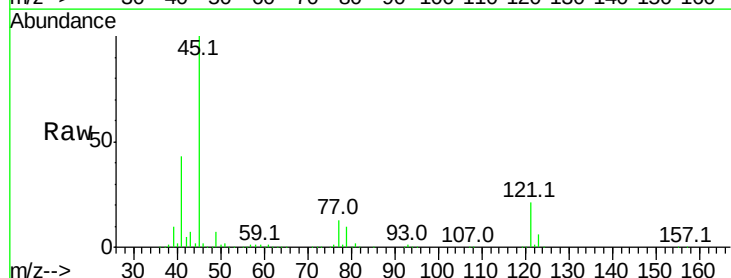
Tgt Ion: 45 Resp: 944567

Ion Ratio Lower Upper

45 100

77 13.3 0.0 33.2

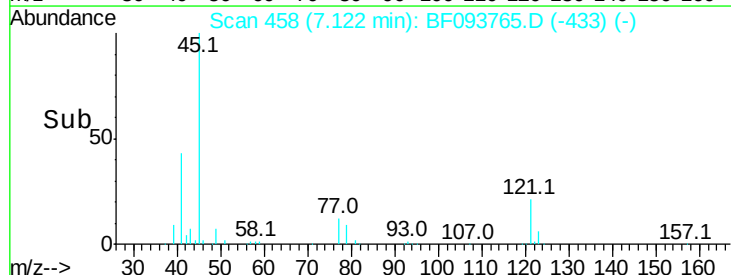
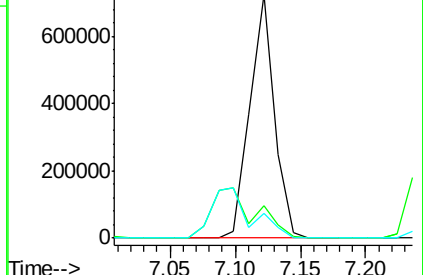
79 10.2 0.0 30.0

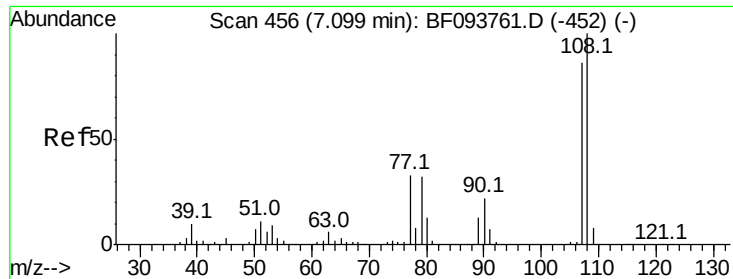


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

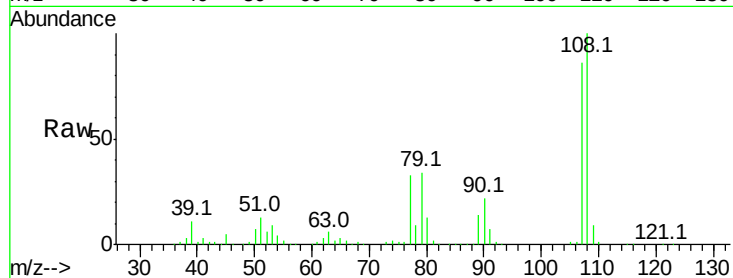




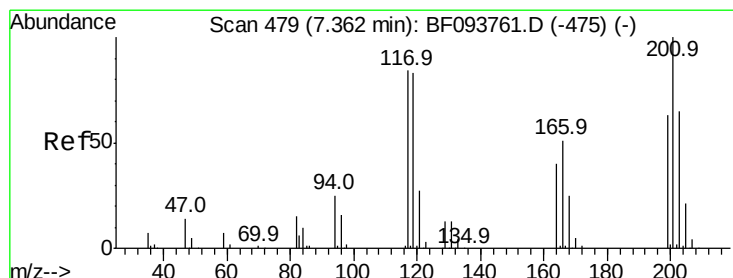
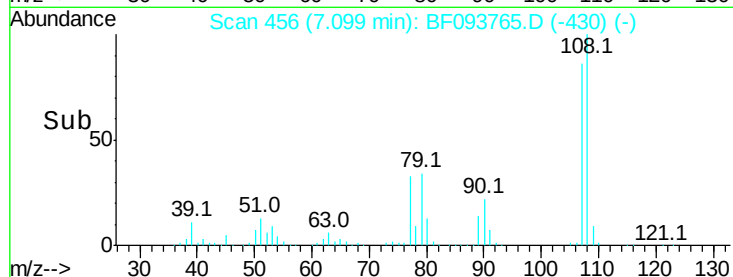
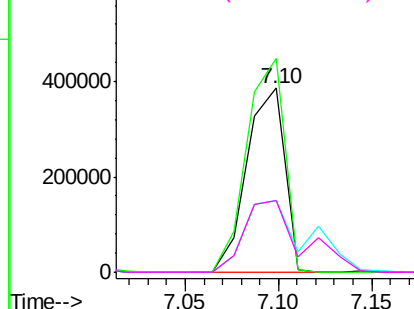
#17
2-Methylphenol
Concen: 42.42 ng
RT: 7.10 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF093765.D
Acq: 20 Mar 2017 15:10

Instrument :
BNA_F
ClientSampleId :
ICVBF032017

Tot Ion:107 Resp: 544703
Ion Ratio Lower Upper
107 100
108 116.2 93.4 140.0
77 38.9 35.8 53.6
79 39.0 34.8 52.2

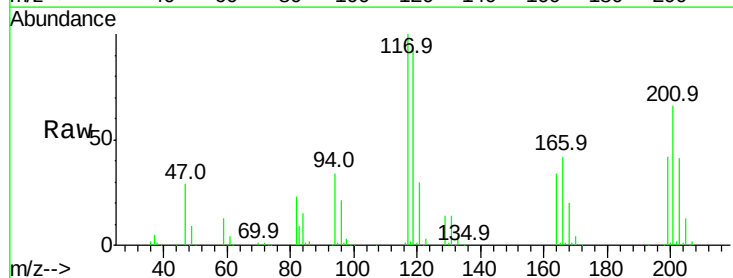


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

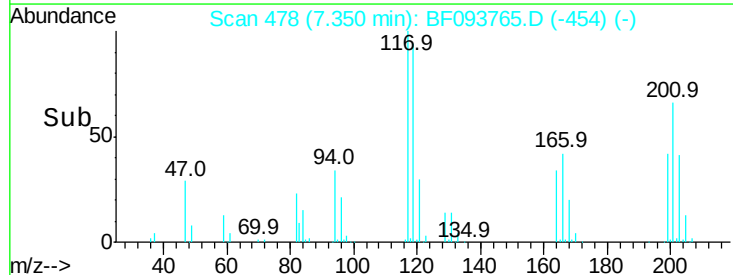
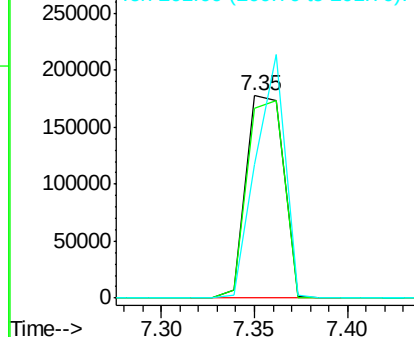


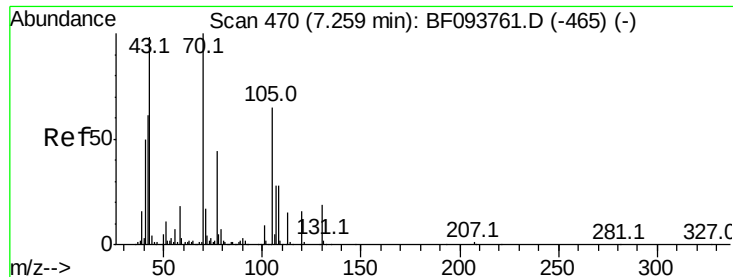
#18
Hexachloroethane
Concen: 41.04 ng
RT: 7.35 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF093765.D
Acq: 20 Mar 2017 15:10

Tgt Ion:117 Resp: 246383
Ion Ratio Lower Upper
117 100
119 94.1 77.4 116.0
201 66.2 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

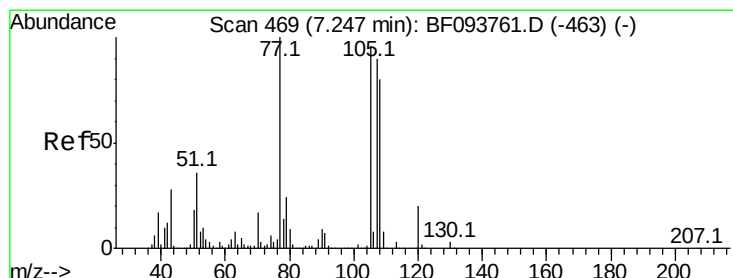
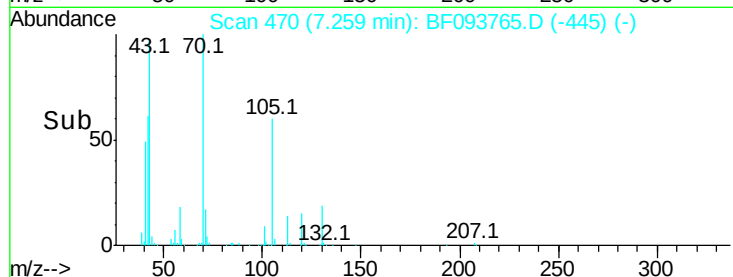
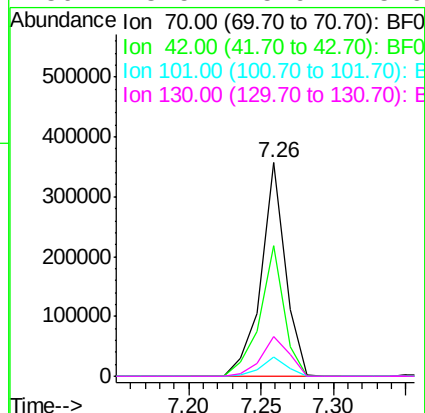
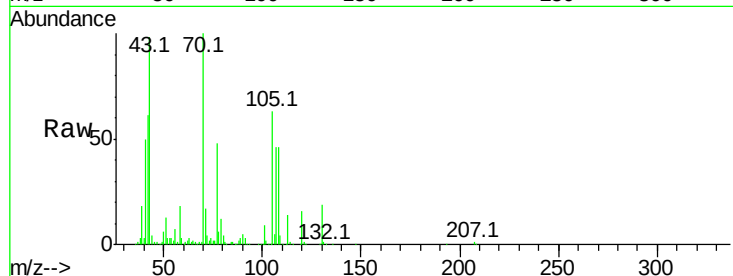




#19
n-Nitroso-di-n-propylamine
Concen: 38.43 ng
RT: 7.26 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF093765.D
Acq: 20 Mar 2017 15:10

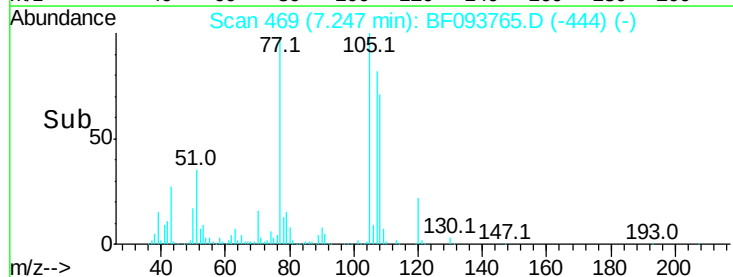
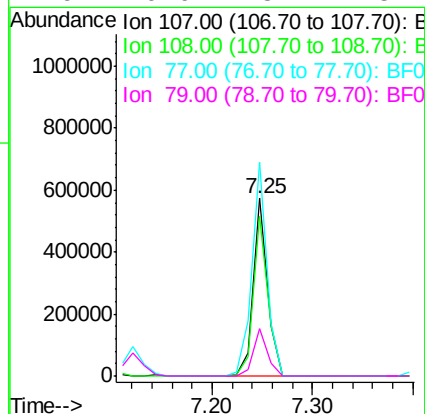
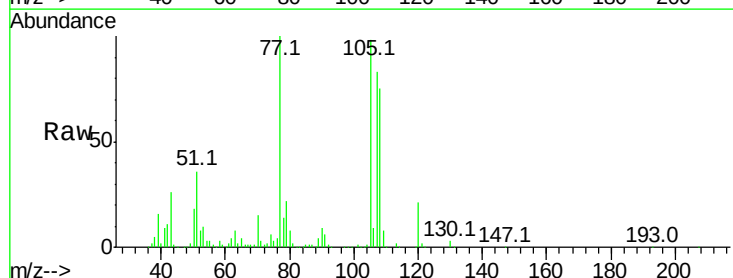
Instrument :
BNA_F
ClientSampleId :
ICVBF032017

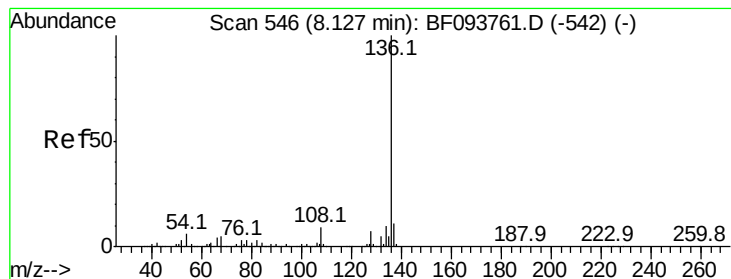
Tot Ion: 70 Resp: 413888
Ion Ratio Lower Upper
70 100
42 61.1 47.2 70.8
101 8.8 7.2 10.8
130 18.5 15.9 23.9



#20
3+4-Methylphenols
Concen: 36.88 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF093765.D
Acq: 20 Mar 2017 15:10

Tgt Ion:107 Resp: 560747
Ion Ratio Lower Upper
107 100
108 90.3 71.0 111.0
77 120.3 90.5 130.5
79 26.6 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

Tot Ion:136 Resp: 973188

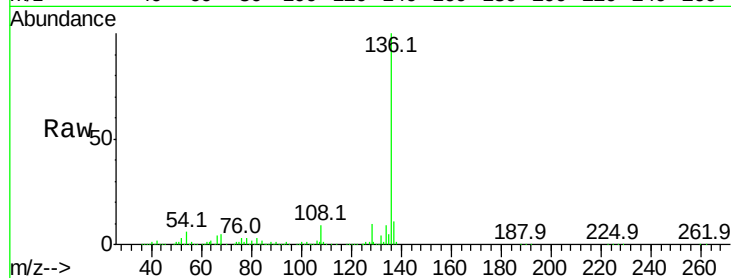
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.0 4.9 7.3

68 5.2 4.1 6.1

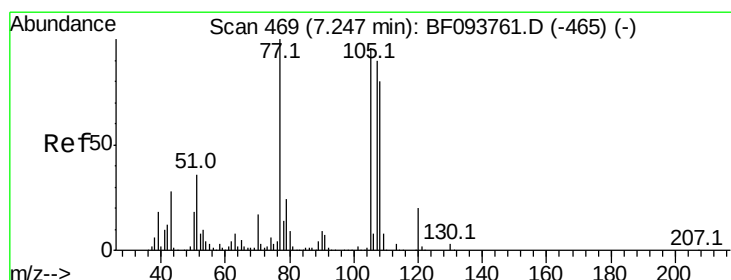
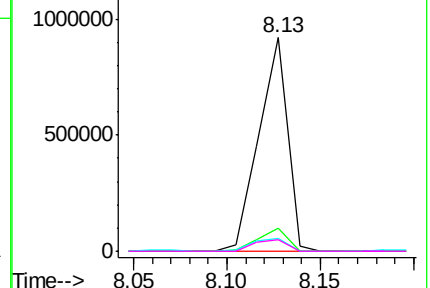
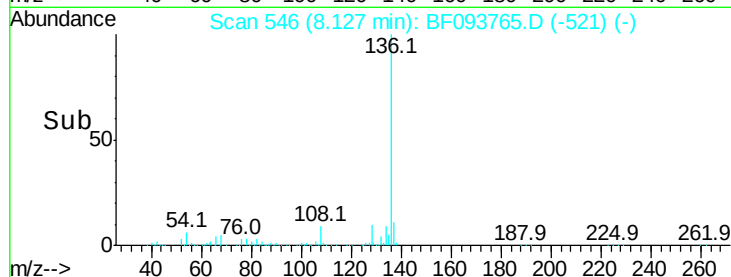


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.97 ng

RT: 7.25 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Tgt Ion:105 Resp: 757939

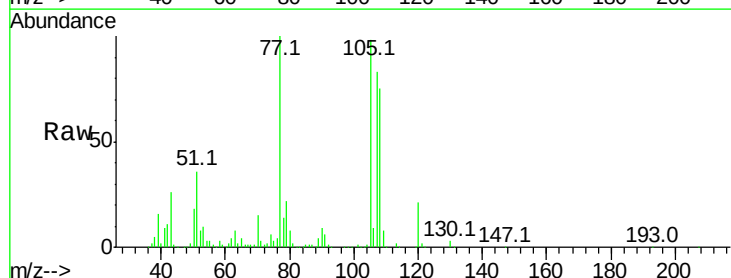
Ion Ratio Lower Upper

105 100

71 2.7 2.8 4.2#

51 37.2 30.7 46.1

120 21.7 17.4 26.0

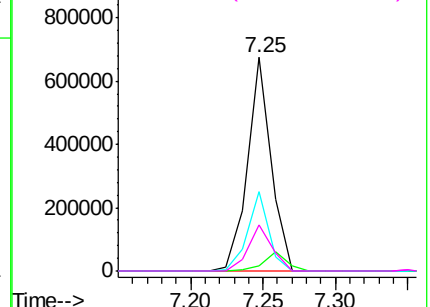
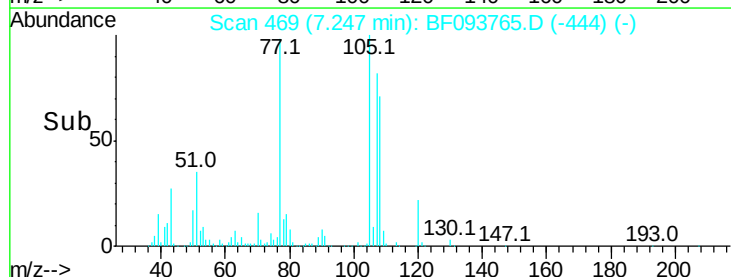


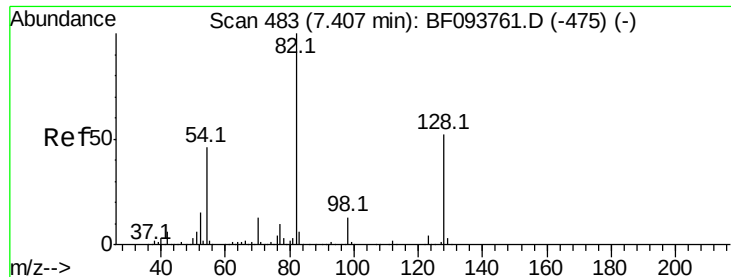
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

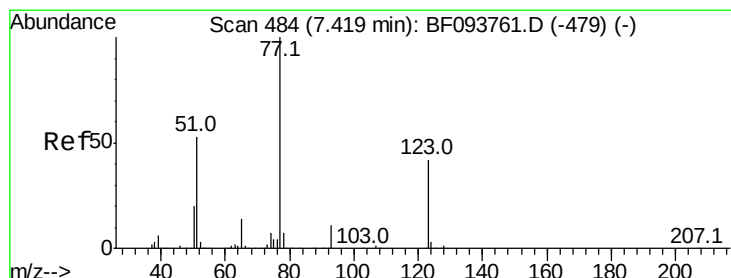
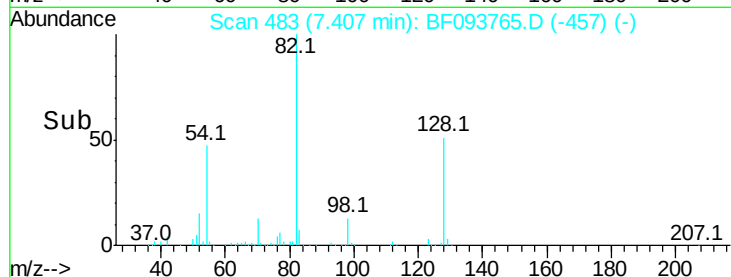
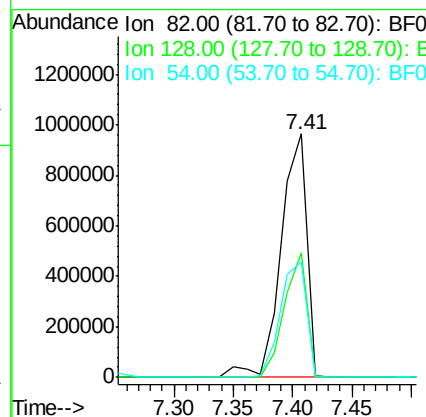
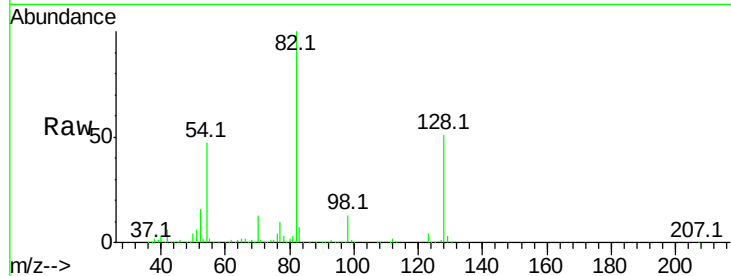




#23
 Nitrobenzene-d5
 Concen: 83.51 ng
 RT: 7.41 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF093765.D
 Acq: 20 Mar 2017 15:10

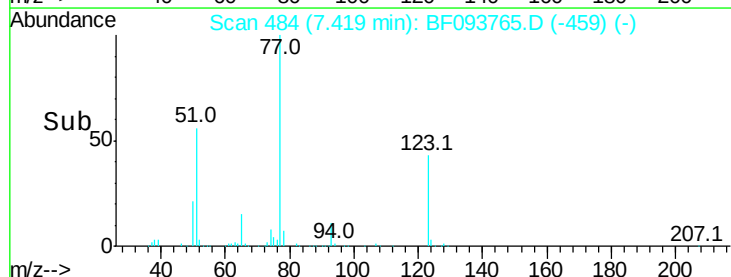
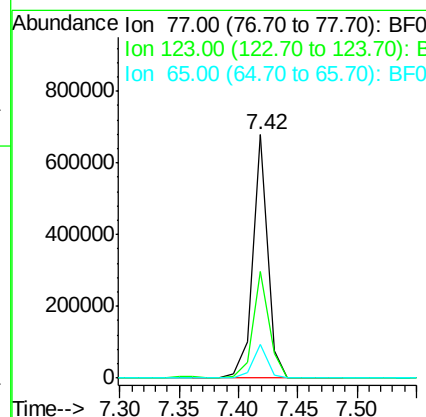
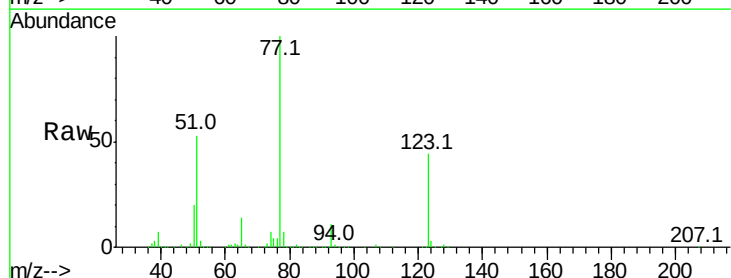
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032017

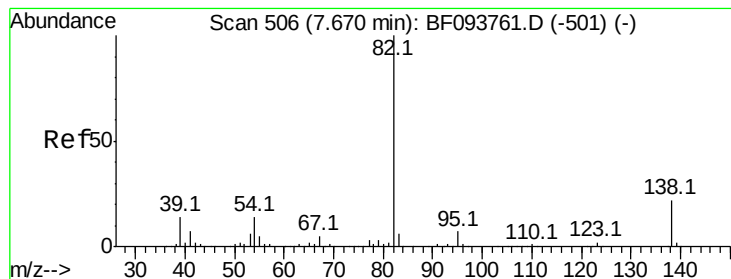
Tot Ion: 82 Resp: 1432729
 Ion Ratio Lower Upper
 82 100
 128 51.3 34.0 51.0#
 54 47.4 42.2 63.2



#24
 Nitrobenzene
 Concen: 36.43 ng
 RT: 7.42 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF093765.D
 Acq: 20 Mar 2017 15:10

Tgt Ion: 77 Resp: 597069
 Ion Ratio Lower Upper
 77 100
 123 43.7 35.8 53.8
 65 13.7 10.6 15.8





#25

Isophorone

Concen: 39.89 ng

RT: 7.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

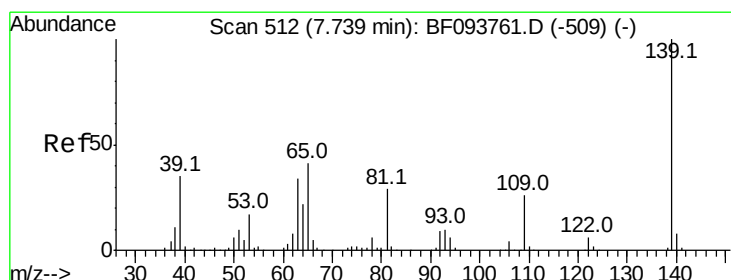
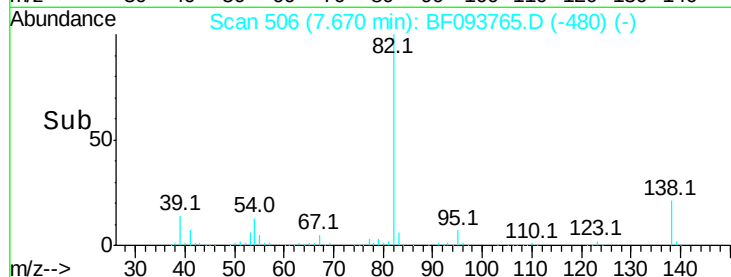
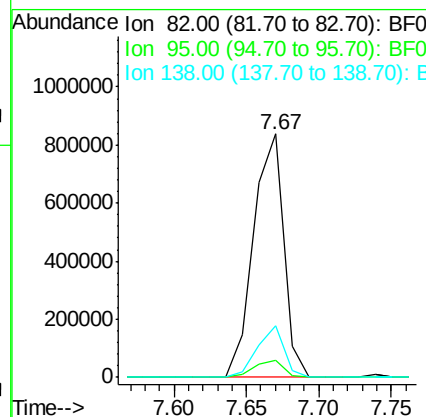
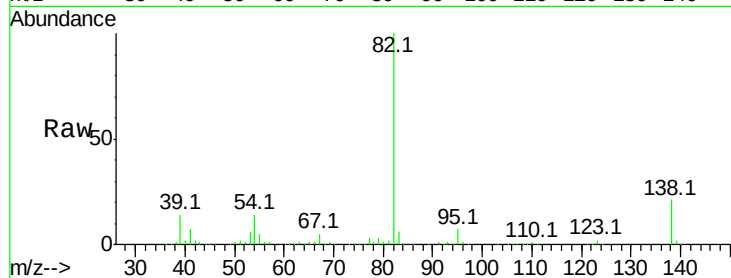
Tot Ion: 82 Resp: 1212463

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 21.1 13.1 19.7#



#26

2-Nitrophenol

Concen: 46.04 ng

RT: 7.74 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

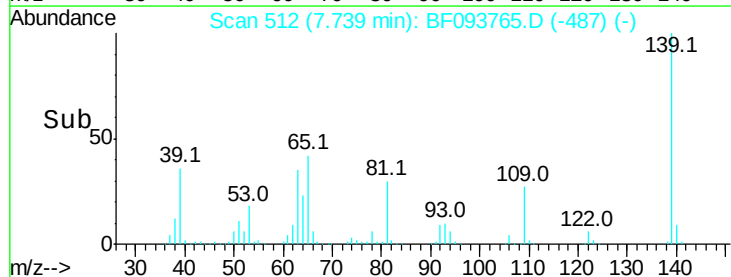
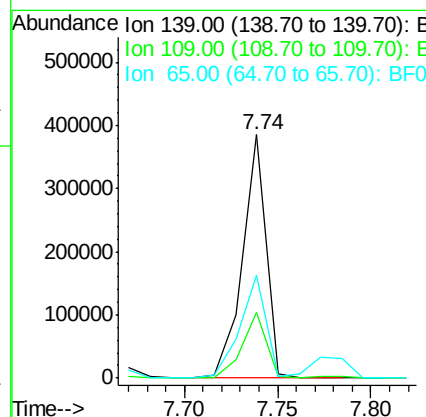
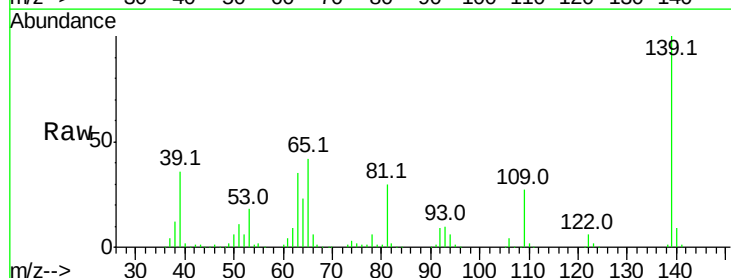
Tgt Ion:139 Resp: 341245

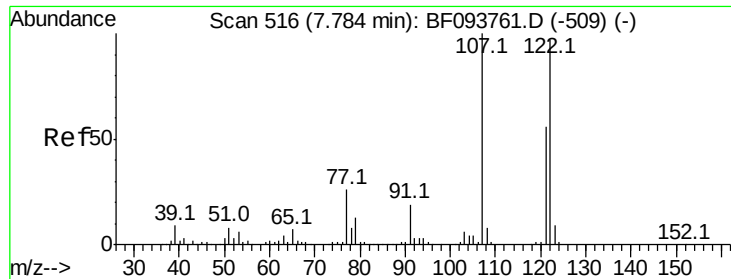
Ion Ratio Lower Upper

139 100

109 27.1 21.0 31.6

65 42.2 33.0 49.6

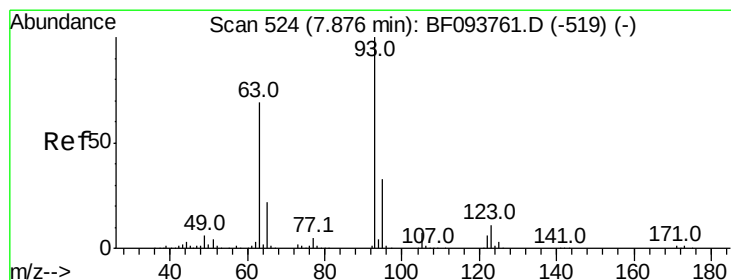
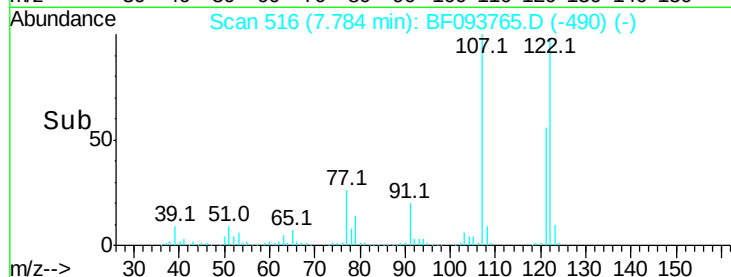
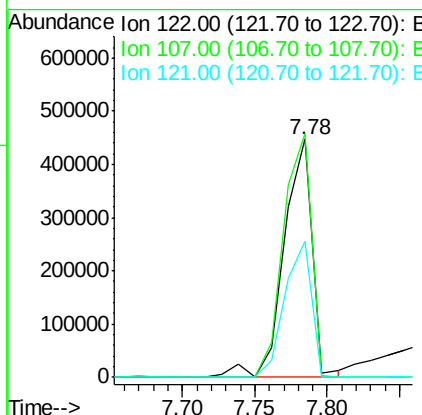
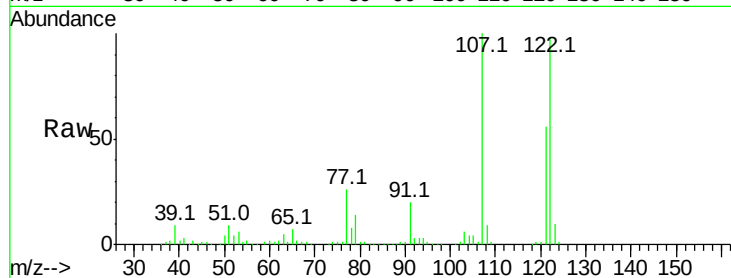




#27
2,4-Dimethylphenol
Concen: 39.44 ng
RT: 7.78 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF093765.D
Acq: 20 Mar 2017 15:10

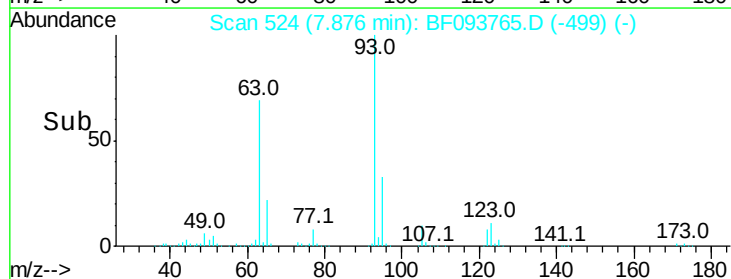
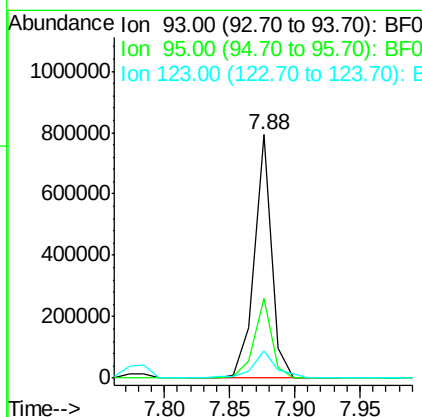
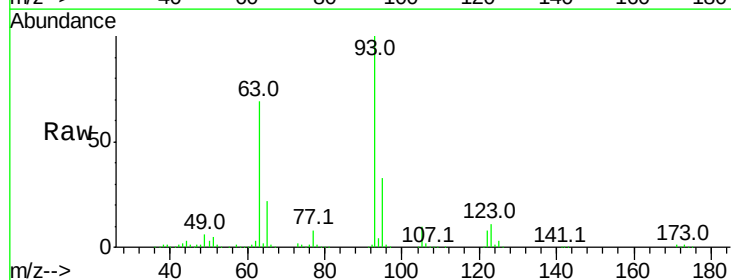
Instrument :
BNA_F
ClientSampleId :
ICVBF032017

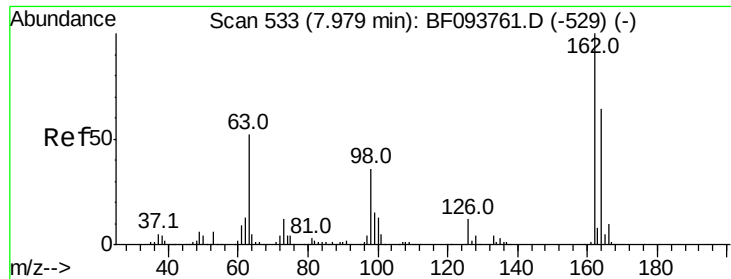
Tot Ion:122 Resp: 601188
Ion Ratio Lower Upper
122 100
107 102.1 89.2 133.8
121 57.1 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 37.47 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093765.D
Acq: 20 Mar 2017 15:10

Tgt Ion: 93 Resp: 732746
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 39.33 ng

RT: 7.98 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

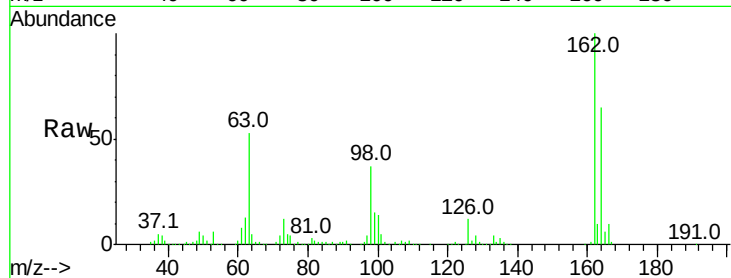
Tot Ion:162 Resp: 510294

Ion Ratio Lower Upper

162 100

164 64.6 44.6 84.6

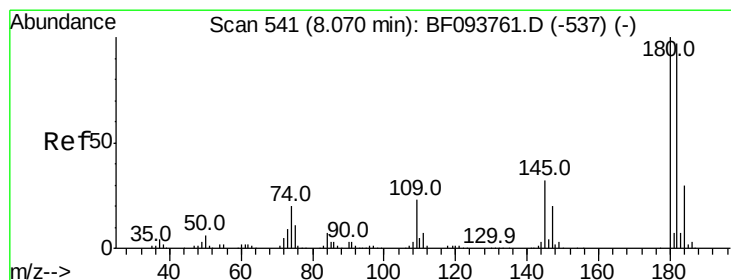
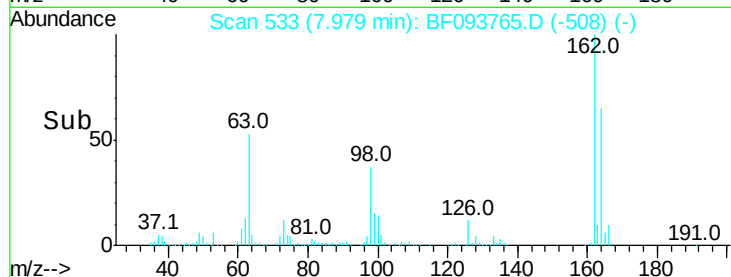
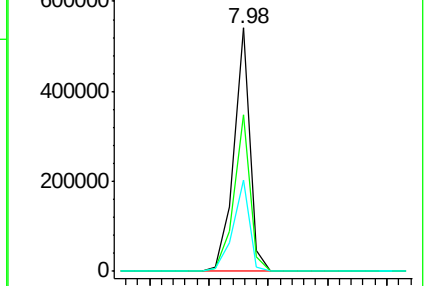
98 37.4 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 39.73 ng

RT: 8.07 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

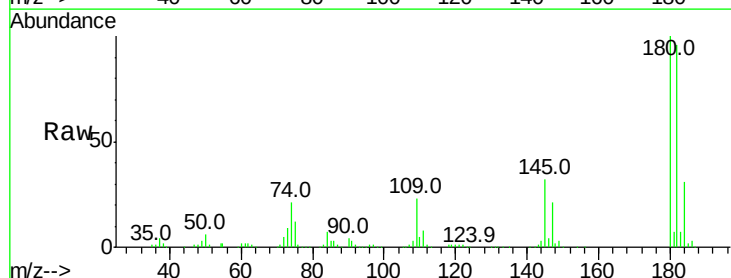
Tgt Ion:180 Resp: 535338

Ion Ratio Lower Upper

180 100

182 96.0 75.8 113.6

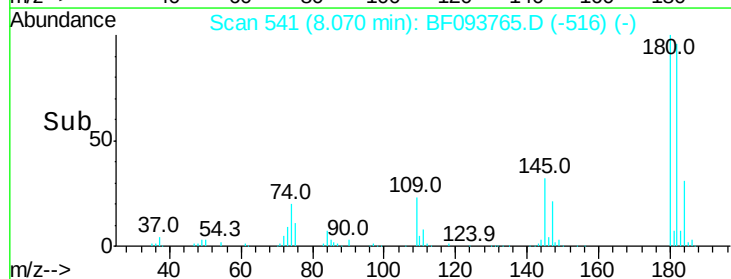
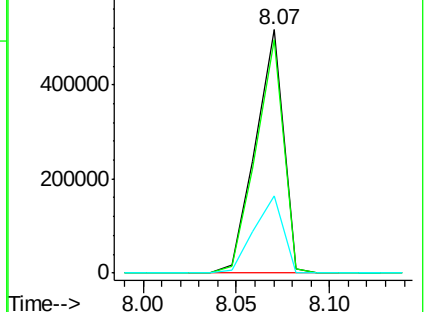
145 31.8 25.3 37.9

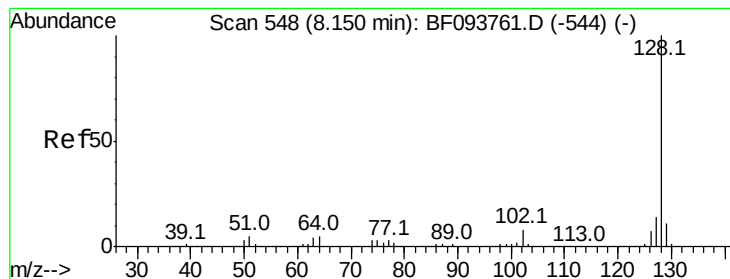


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.54 ng

RT: 8.15 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

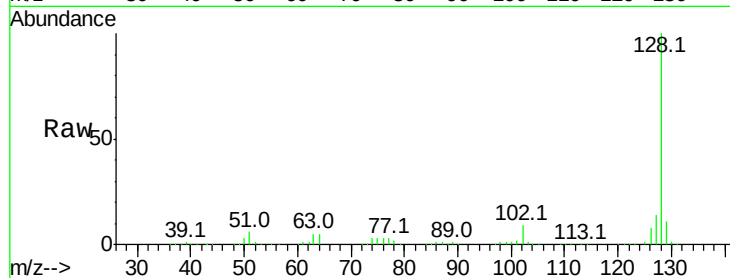
Tot Ion:128 Resp: 1876389

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

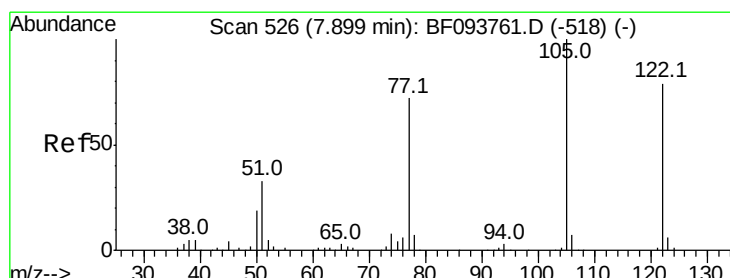
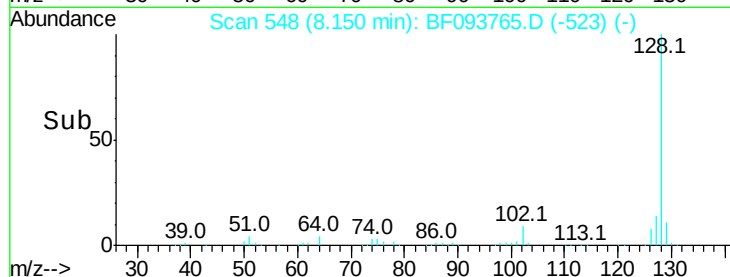
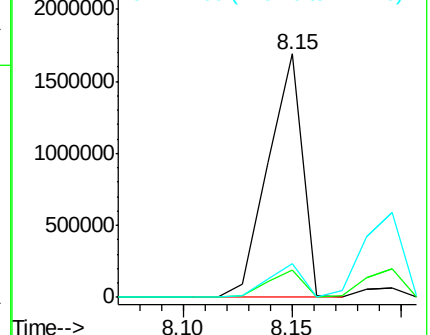
127 13.7 10.8 16.2



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: 40.23 ng

RT: 7.90 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

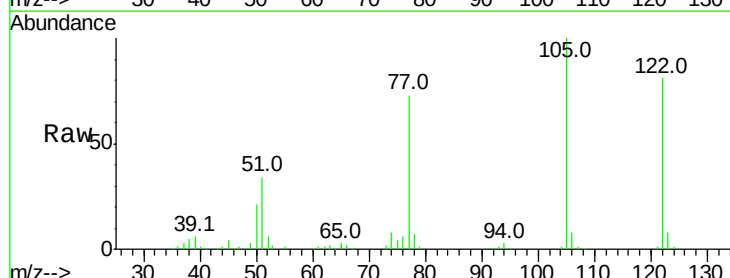
Tgt Ion:122 Resp: 381343

Ion Ratio Lower Upper

122 100

105 122.8 103.3 143.3

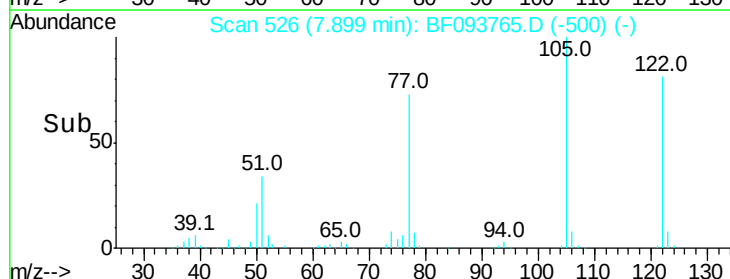
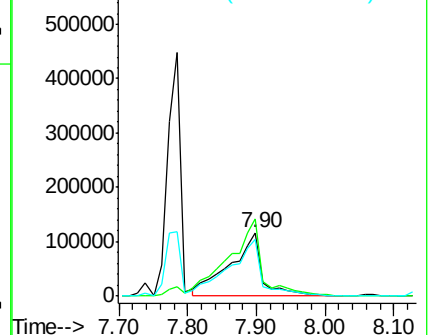
77 89.7 73.7 113.7

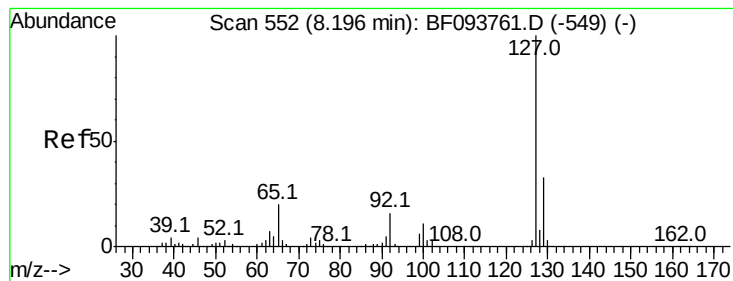


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 38.31 ng

RT: 8.20 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

Tot Ion:127 Resp: 743660

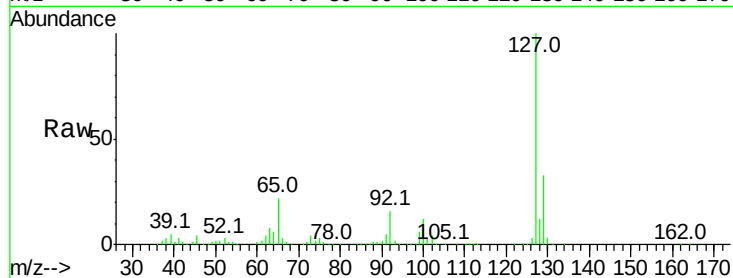
Ion Ratio Lower Upper

127 100

129 33.4 26.2 39.2

65 21.8 27.8 41.8#

92 16.3 16.8 25.2#

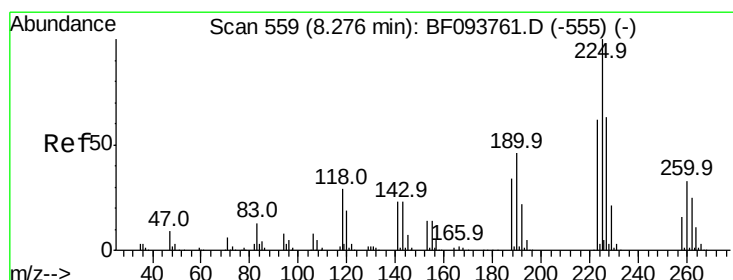
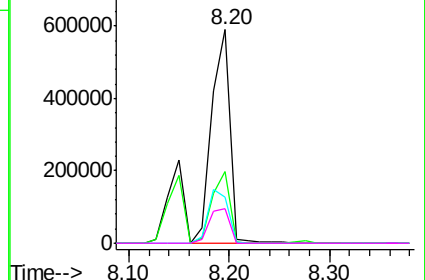
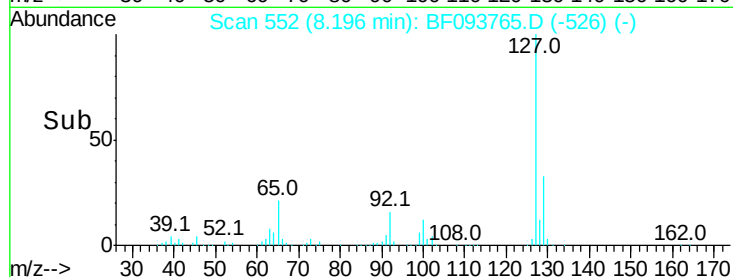


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.19 ng

RT: 8.28 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

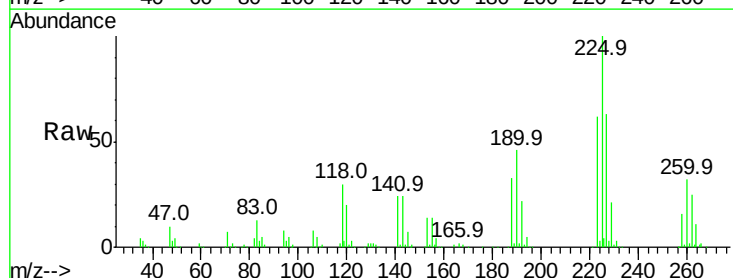
Tgt Ion:225 Resp: 284794

Ion Ratio Lower Upper

225 100

223 62.0 48.8 73.2

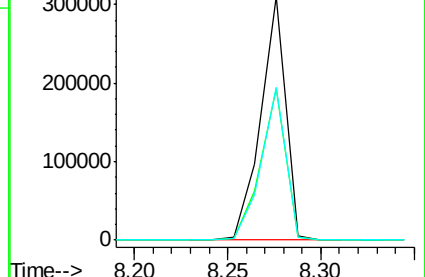
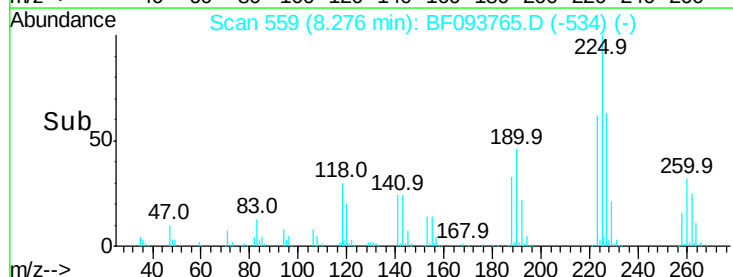
227 62.6 51.1 76.7

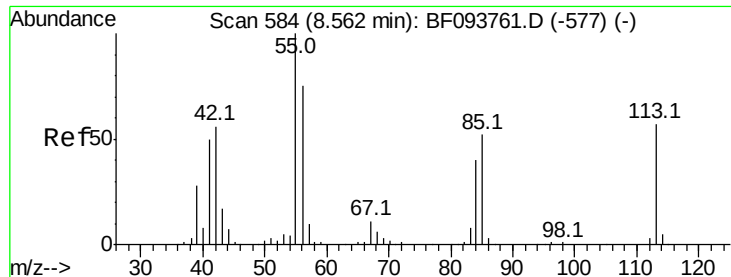


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.21 ng

RT: 8.56 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

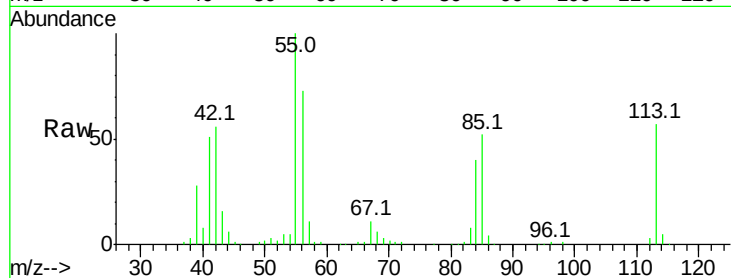
Tot Ion:113 Resp: 155642

Ion Ratio Lower Upper

113 100

55 176.8 150.2 190.2

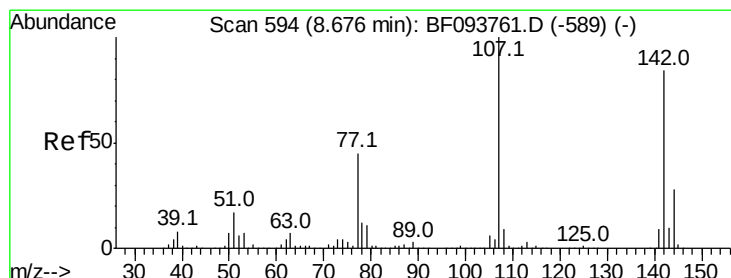
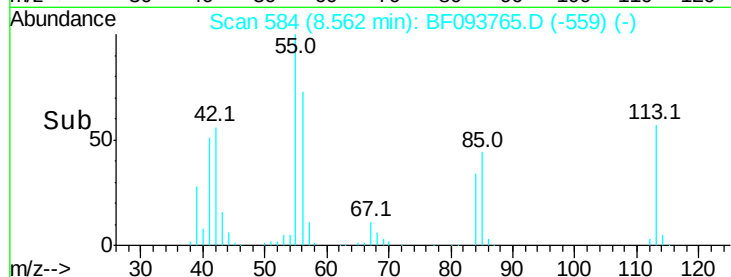
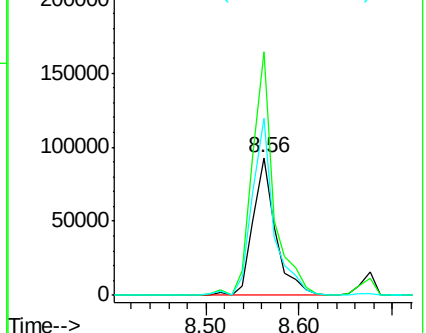
56 128.7 107.8 147.8



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: 42.05 ng

RT: 8.68 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

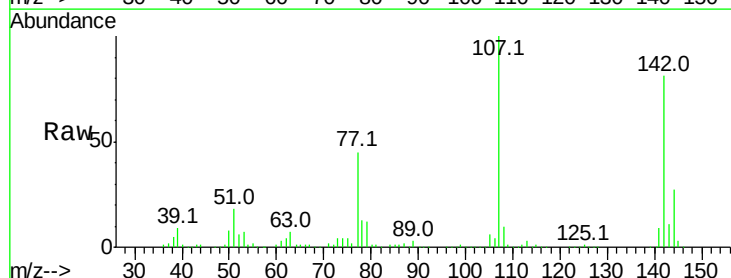
Tgt Ion:107 Resp: 565428

Ion Ratio Lower Upper

107 100

144 26.9 24.2 36.4

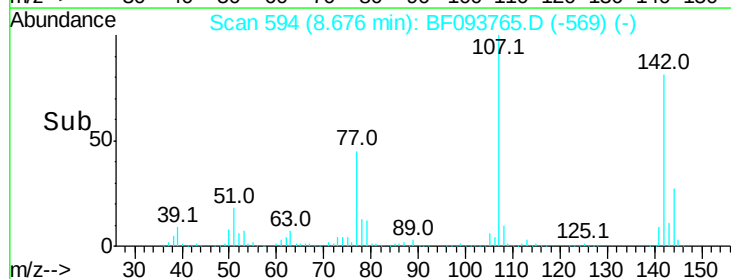
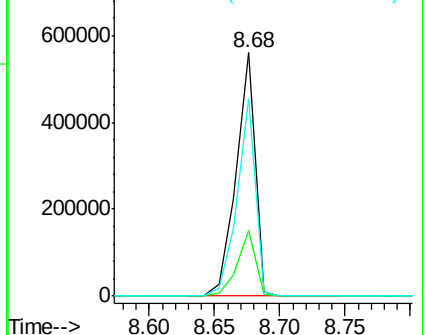
142 81.3 73.4 110.0

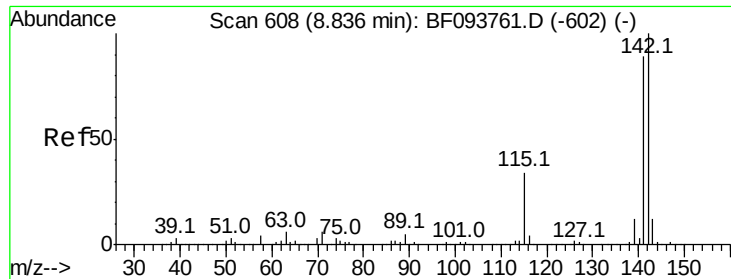


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

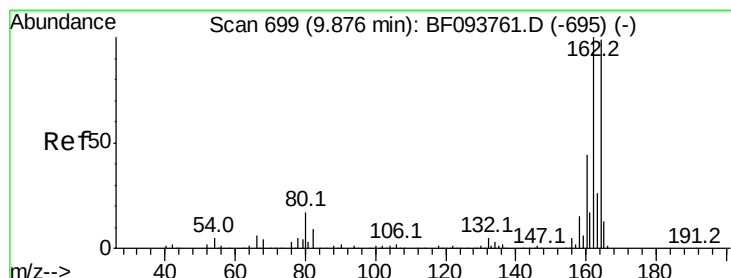
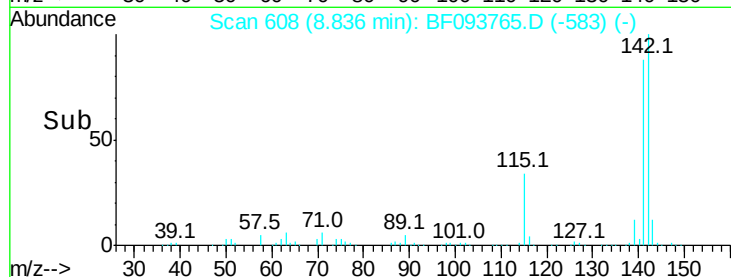
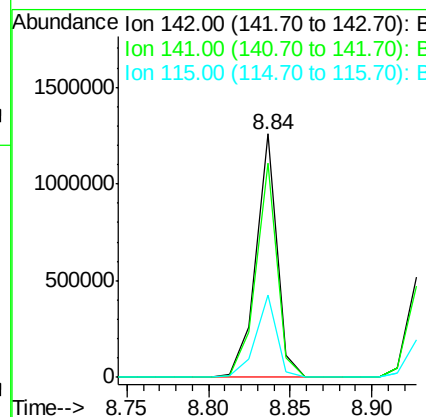
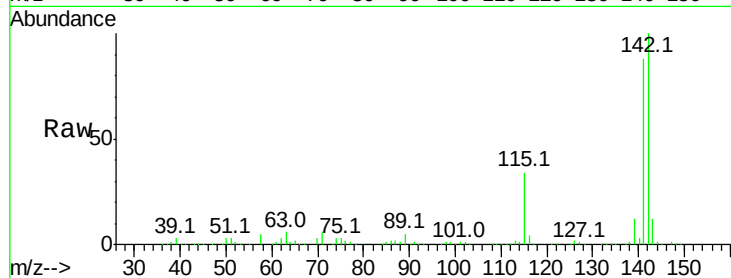




#37
2-Methylnaphthalene
Concen: 38.35 ng
RT: 8.84 min Scan# 608
Delta R.T. -0.01 min
Lab File: BF093765.D
Acq: 20 Mar 2017 15:10

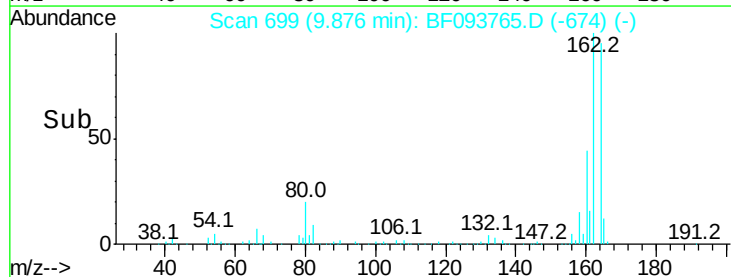
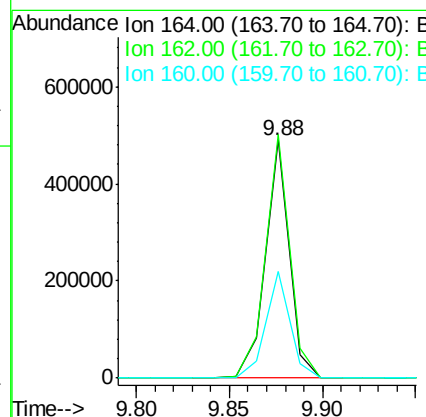
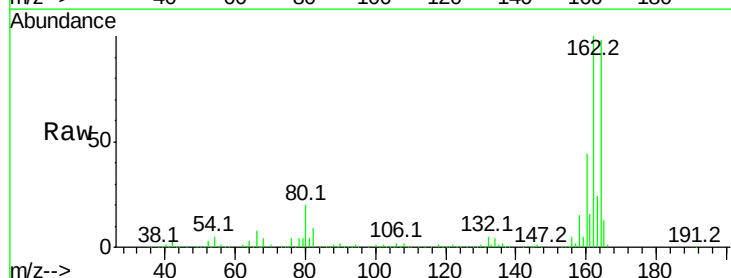
Instrument :
BNA_F
ClientSampleId :
ICVBF032017

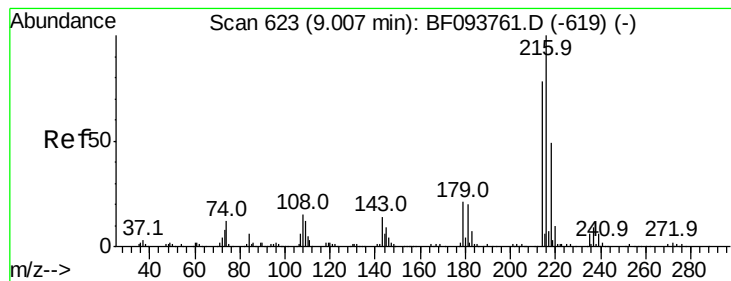
Tot Ion:142 Resp: 1130669
Ion Ratio Lower Upper
142 100
141 88.2 71.3 106.9
115 33.9 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093765.D
Acq: 20 Mar 2017 15:10

Tgt Ion:164 Resp: 428673
Ion Ratio Lower Upper
164 100
162 102.4 82.6 123.8
160 44.6 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.99 ng

RT: 9.01 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

Tot Ion:216 Resp: 488035

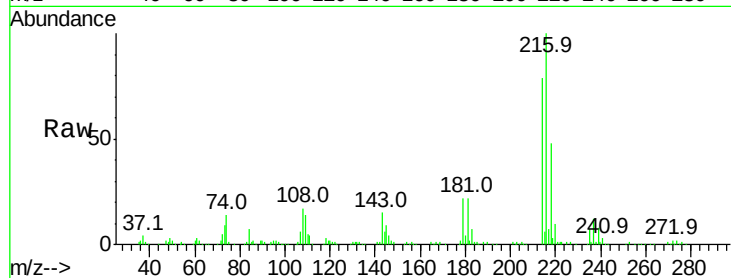
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 22.9 17.9 26.9

108 21.3 16.5 24.7

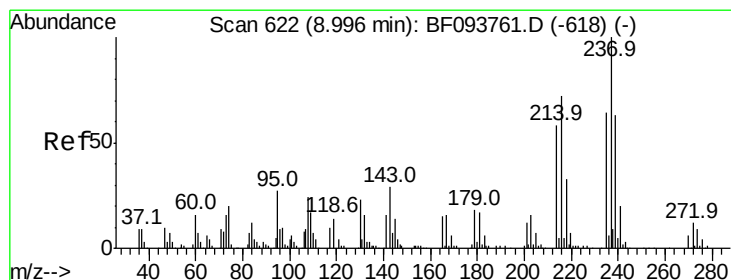
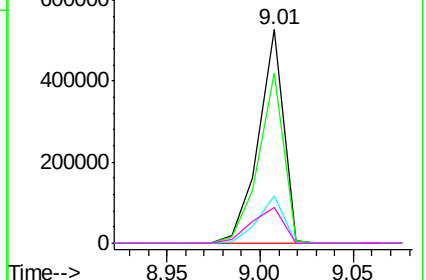
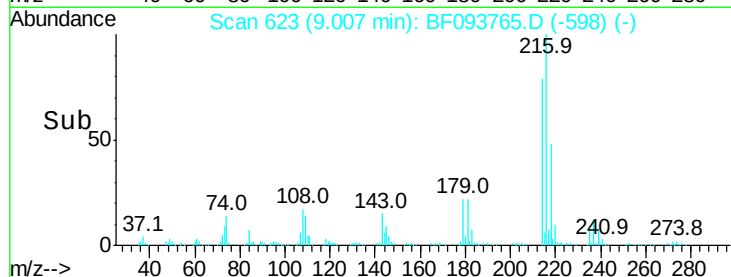


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.66 ng

RT: 9.00 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

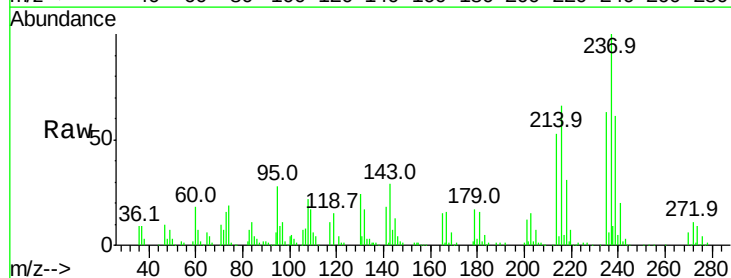
Tgt Ion:237 Resp: 232881

Ion Ratio Lower Upper

237 100

235 63.5 42.6 82.6

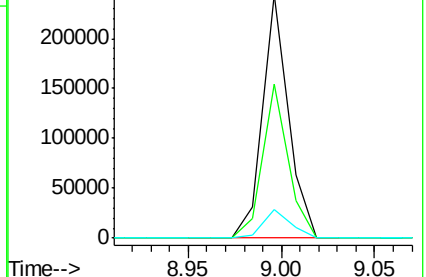
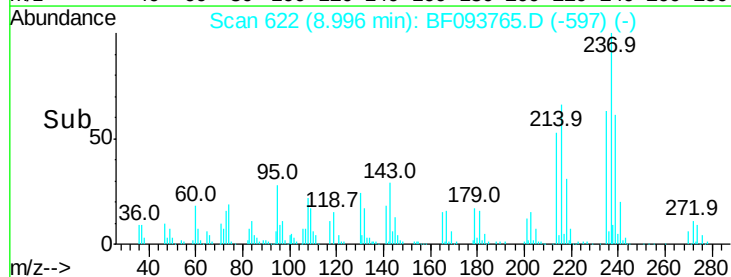
272 11.5 0.0 31.9

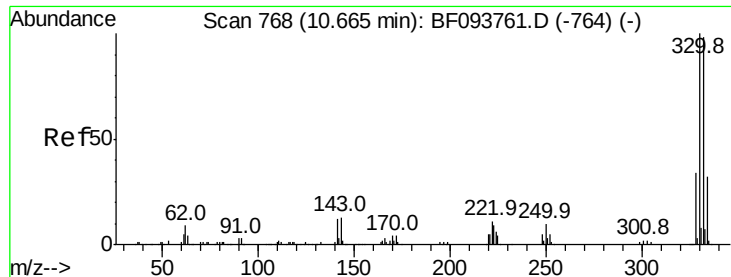


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

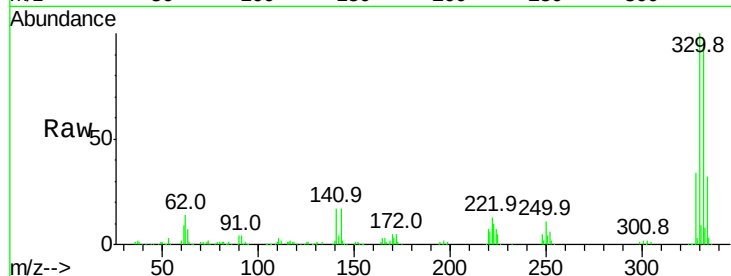




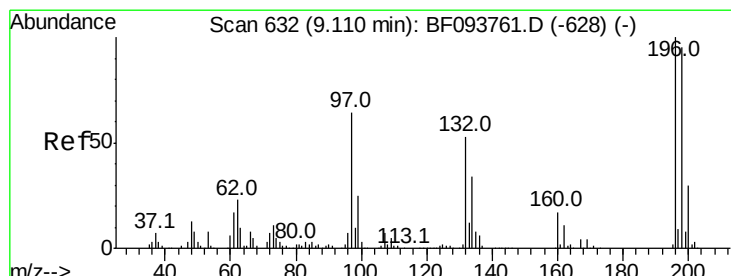
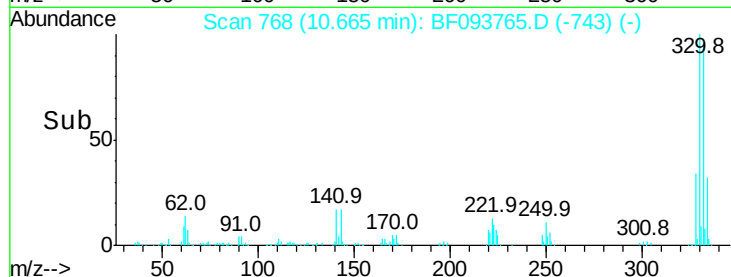
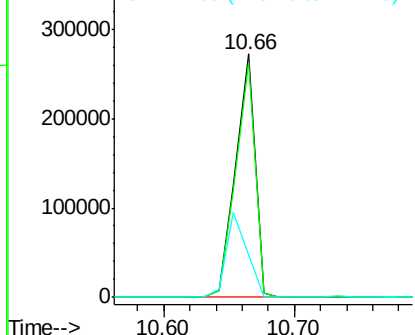
#41
 2,4,6-Tribromophenol
 Concen: 84.87 ng
 RT: 10.66 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF093765.D
 Acq: 20 Mar 2017 15:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032017

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	37.6	31.4	47.2

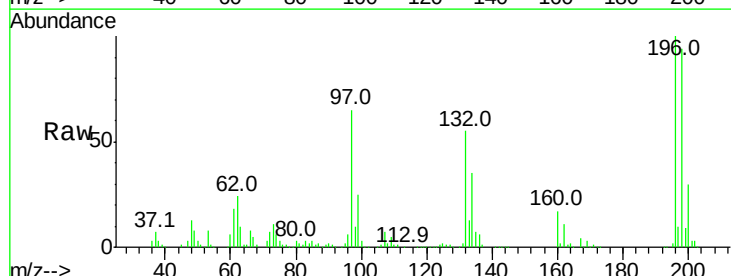


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

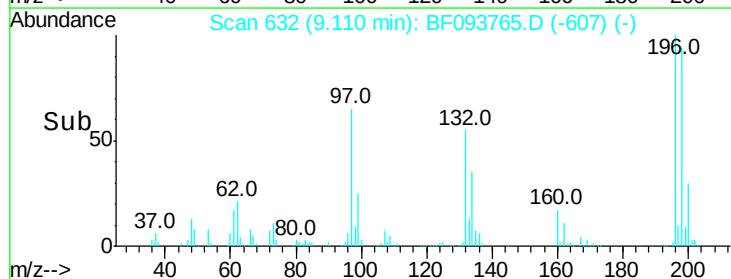
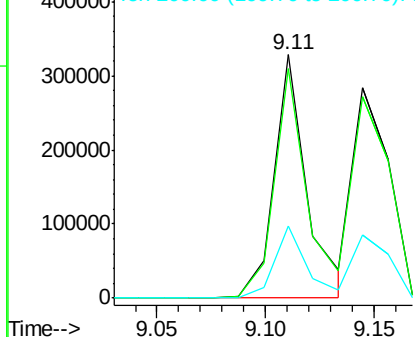


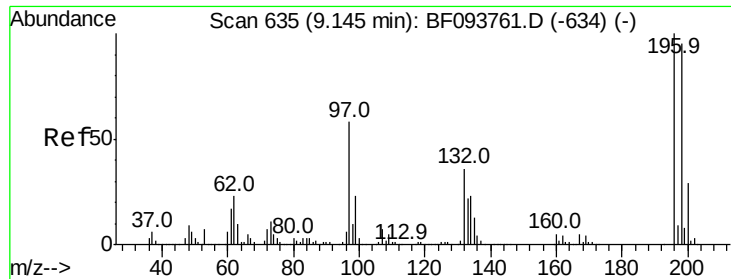
#42
 2,4,6-Trichlorophenol
 Concen: 41.87 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF093765.D
 Acq: 20 Mar 2017 15:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.2	111.4
200	29.8	24.0	36.0



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

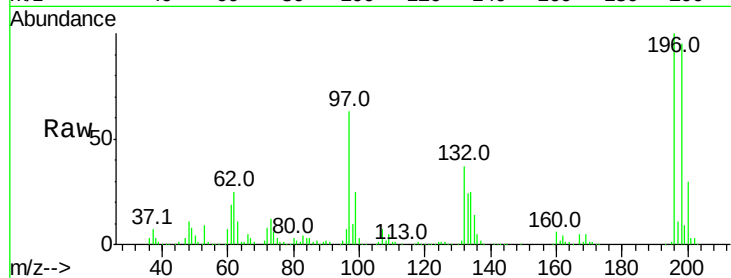




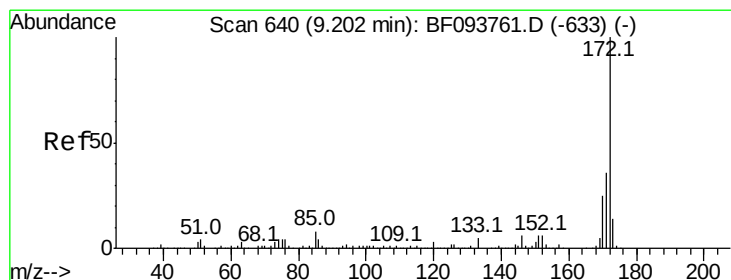
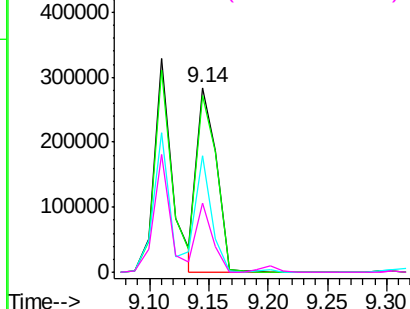
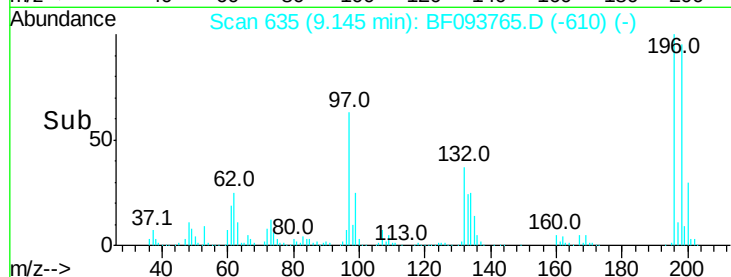
#43
 2,4,5-Trichlorophenol
 Concen: 38.37 ng
 RT: 9.14 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF093765.D
 Acq: 20 Mar 2017 15:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032017

Tot Ion:196 Resp: 328315
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.7 113.5
 97 63.3 47.7 71.5
 132 37.4 28.0 42.0

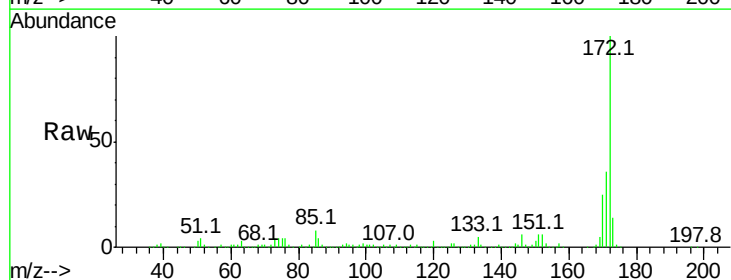


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

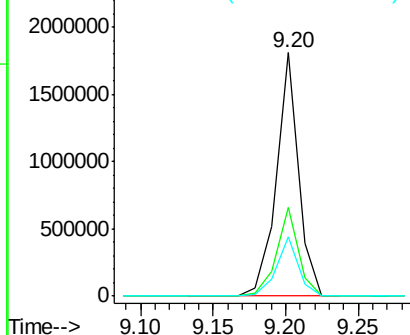
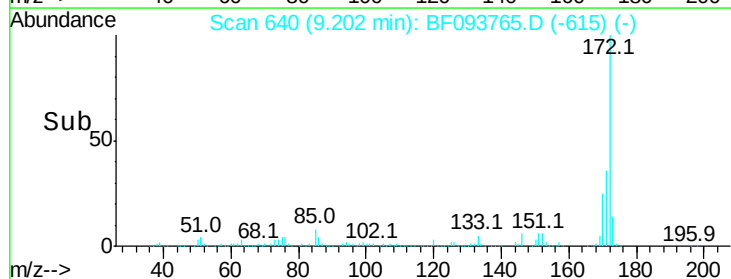


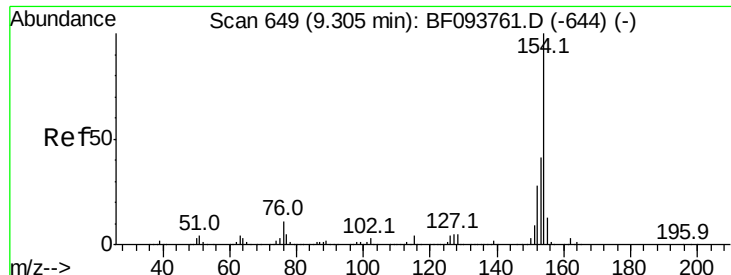
#44
 2-Fluorobiphenyl
 Concen: 74.89 ng
 RT: 9.20 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF093765.D
 Acq: 20 Mar 2017 15:10

Tgt Ion:172 Resp: 1909139
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.6 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: 40.52 ng

RT: 9.30 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

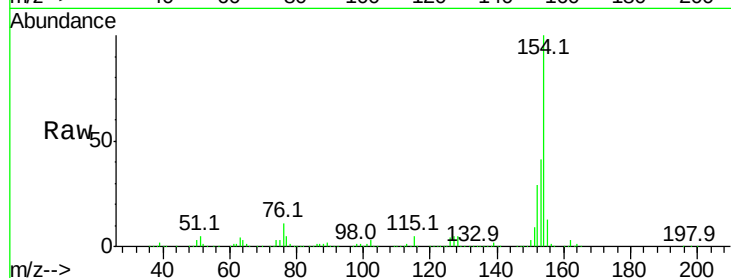
Tot Ion:154 Resp: 1411784

Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

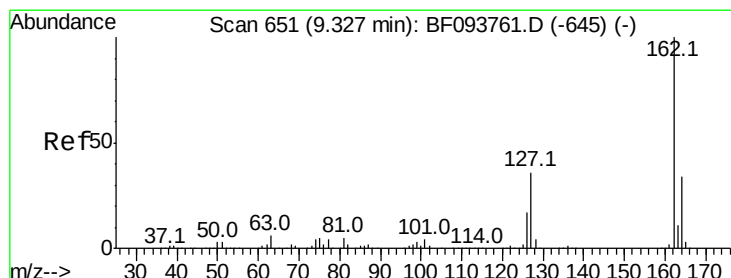
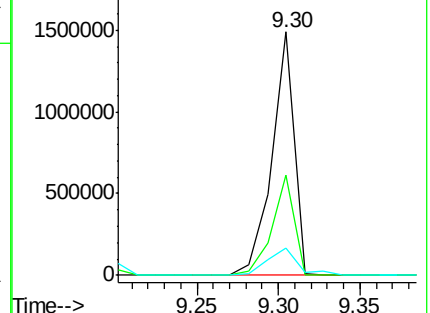
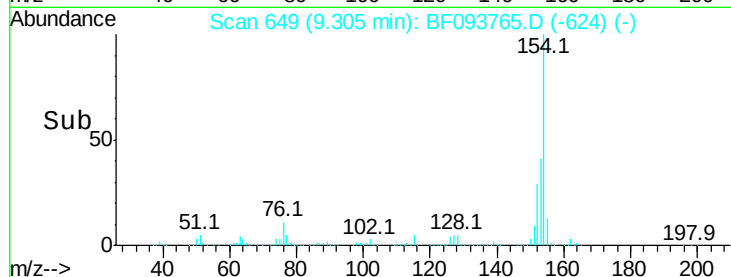
76 11.4 0.0 29.9



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: 41.74 ng

RT: 9.33 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

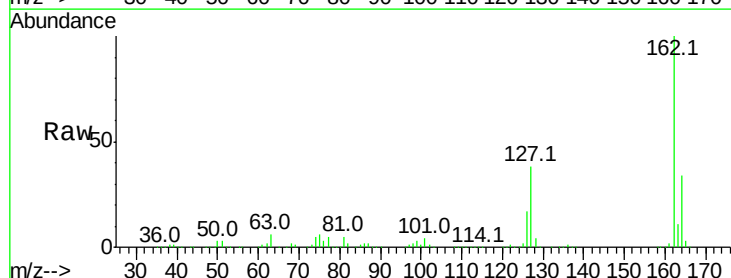
Tgt Ion:162 Resp: 1114908

Ion Ratio Lower Upper

162 100

127 37.6 28.3 42.5

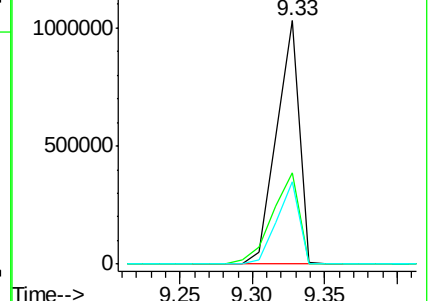
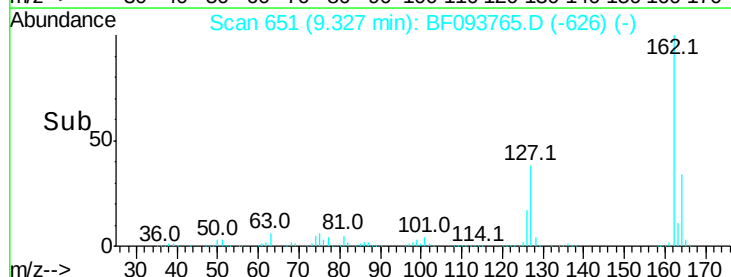
164 33.6 27.0 40.4

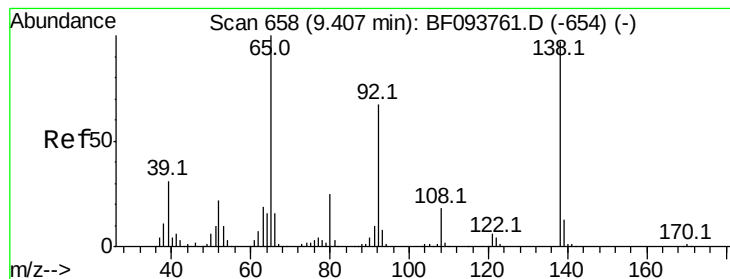


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.09 ng

RT: 9.41 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

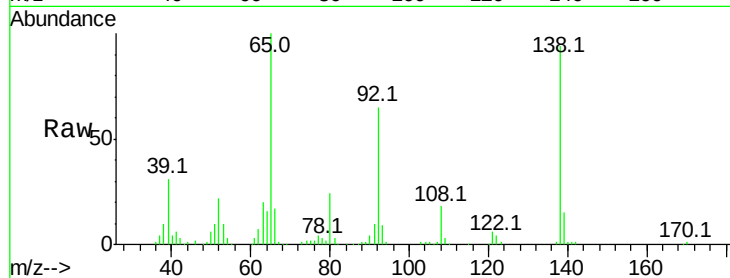
Tot Ion: 65 Resp: 299090

Ion Ratio Lower Upper

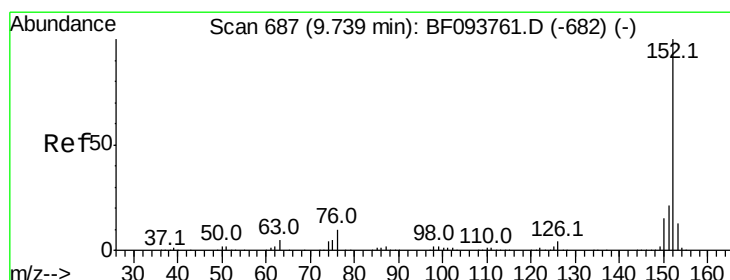
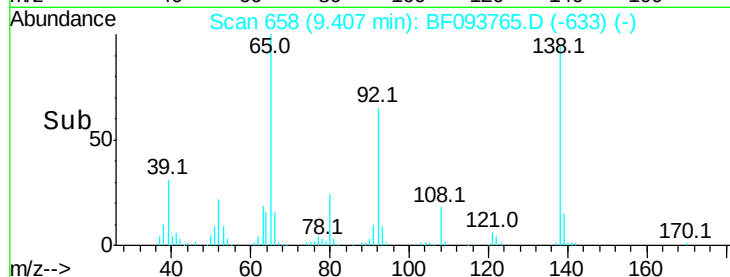
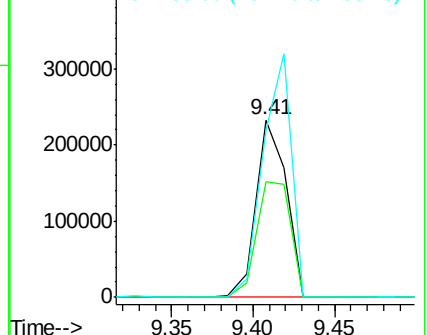
65 100

92 65.0 53.9 80.9

138 94.5 78.8 118.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 40.22 ng

RT: 9.74 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

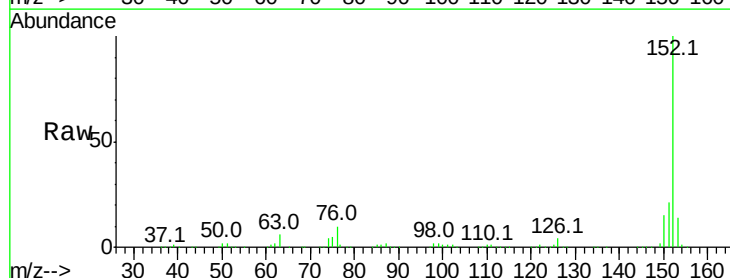
Tgt Ion: 152 Resp: 1748329

Ion Ratio Lower Upper

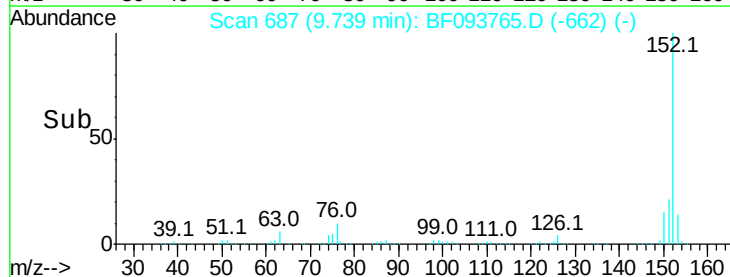
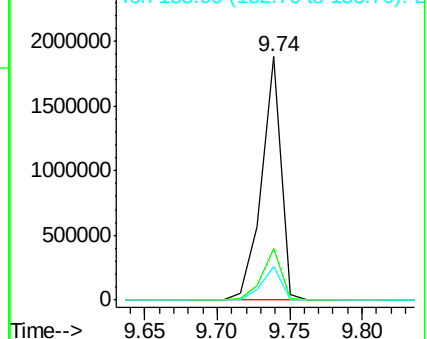
152 100

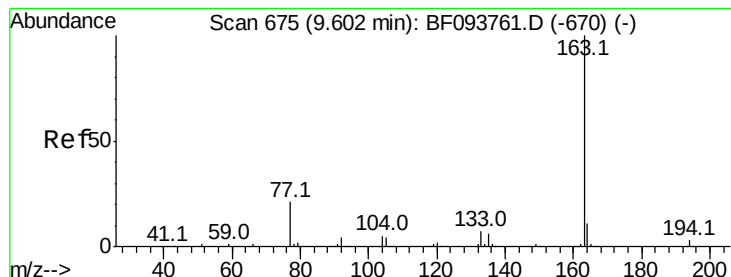
151 21.0 16.8 25.2

153 13.6 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 36.53 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

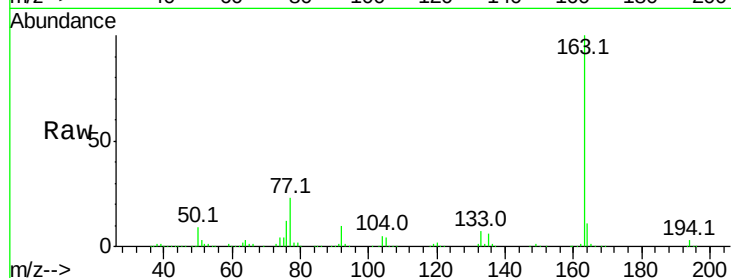
Tot Ion:163 Resp: 1114521

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

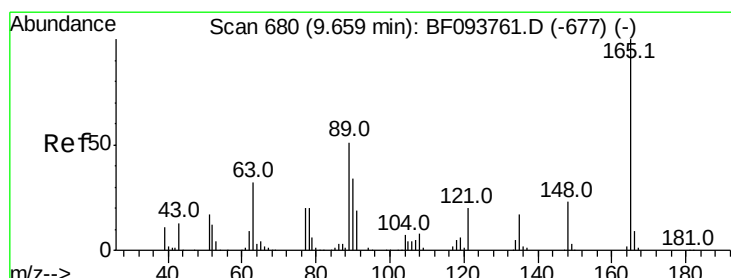
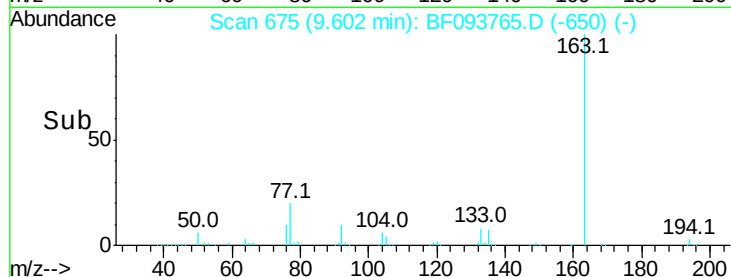
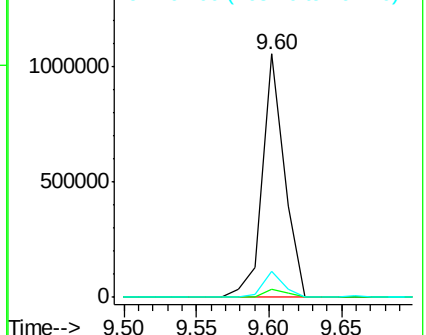
164 10.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.89 ng

RT: 9.66 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

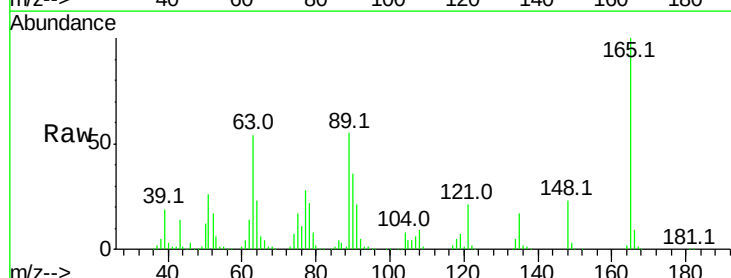
Tgt Ion:165 Resp: 287280

Ion Ratio Lower Upper

165 100

63 53.8 34.3 51.5#

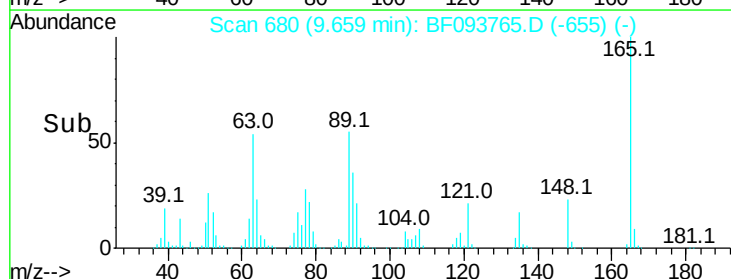
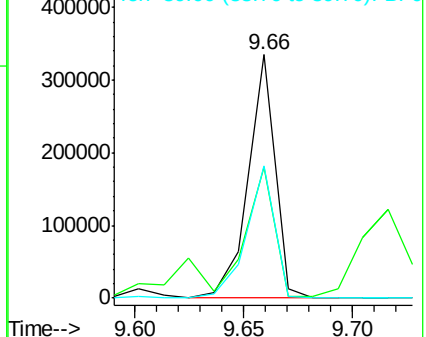
89 54.6 37.1 55.7

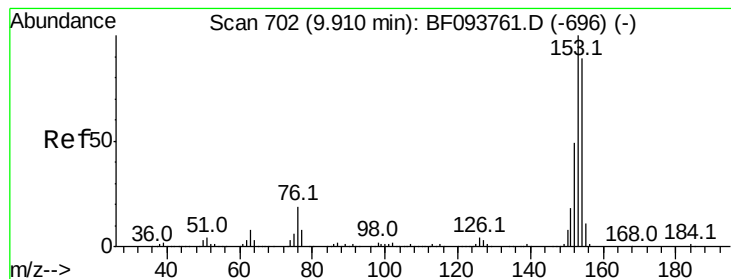


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.34 ng

RT: 9.91 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

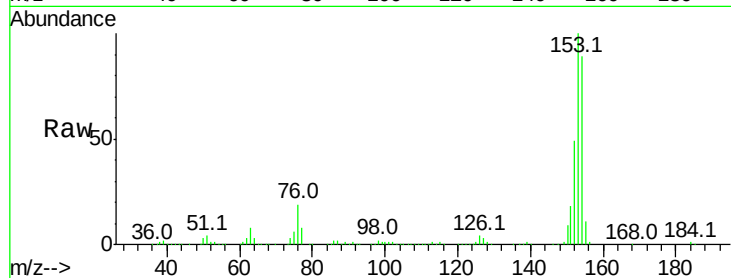
Tot Ion:154 Resp: 1021474

Ion Ratio Lower Upper

154 100

153 112.5 90.5 135.7

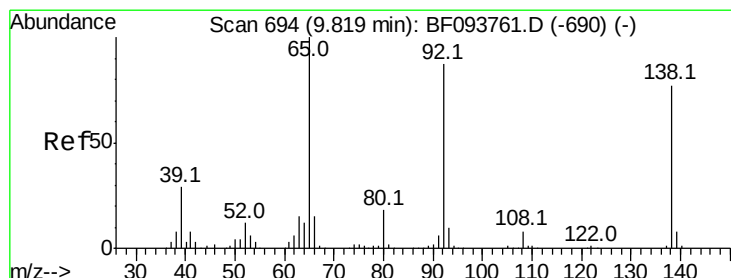
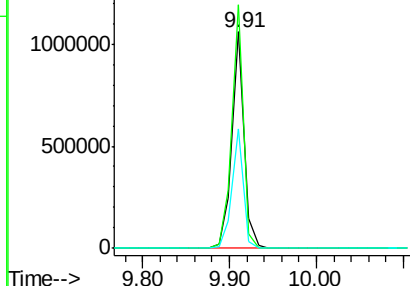
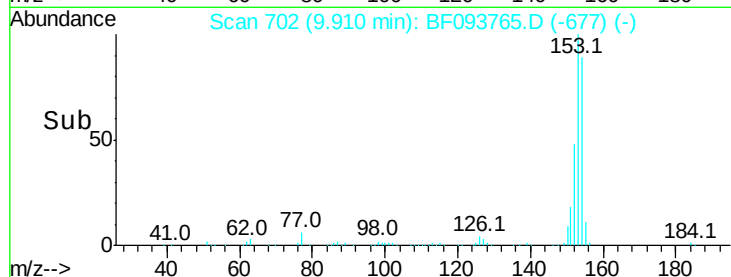
152 55.0 43.6 65.4



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: 36.55 ng

RT: 9.82 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

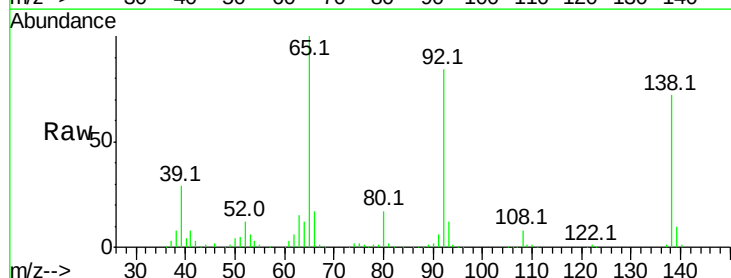
Tgt Ion:138 Resp: 293871

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

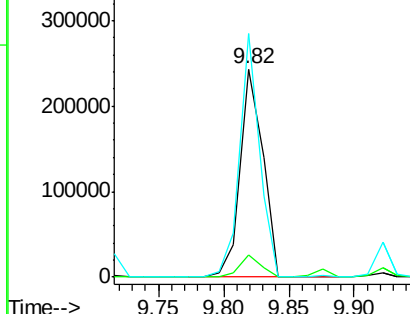
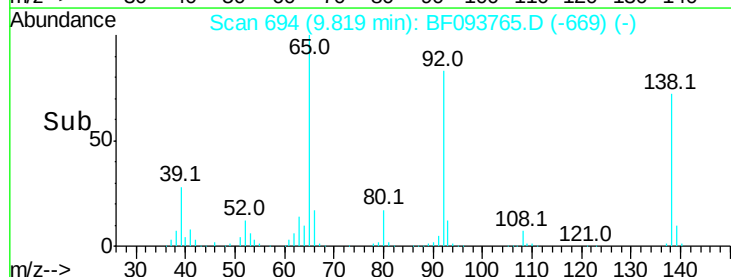
92 116.9 93.8 140.6

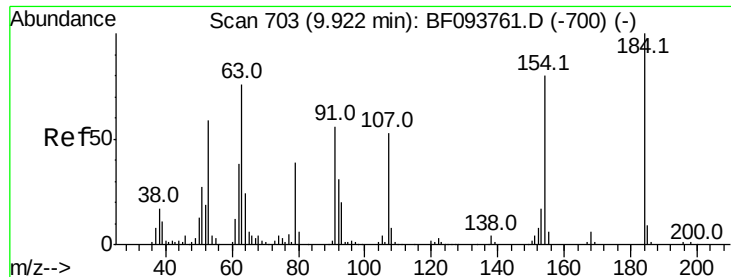


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 41.65 ng

RT: 9.92 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

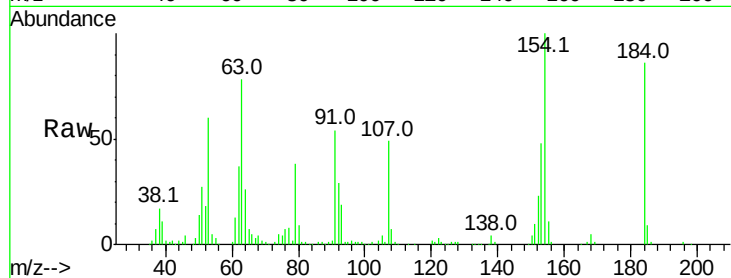
Tot Ion:184 Resp: 109505

Ion Ratio Lower Upper

184 100

63 90.9 62.7 94.1

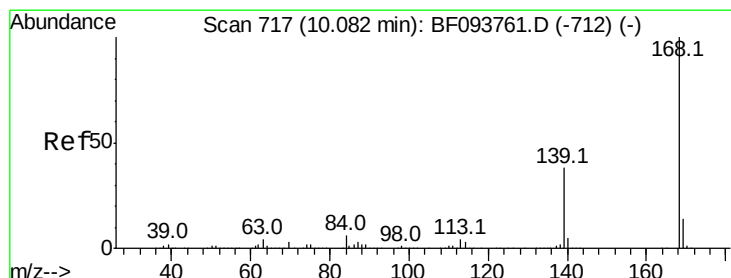
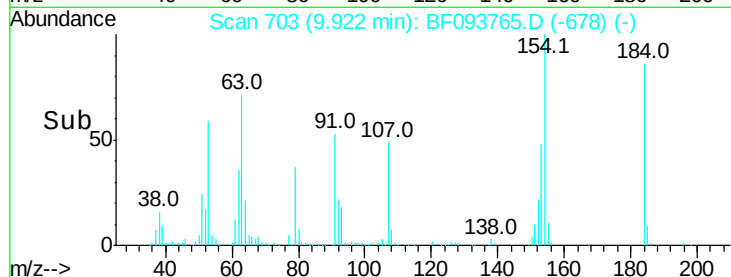
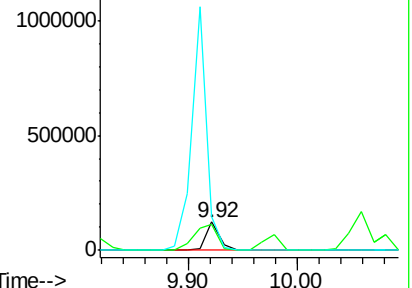
154 116.8 81.1 121.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 40.93 ng

RT: 10.08 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

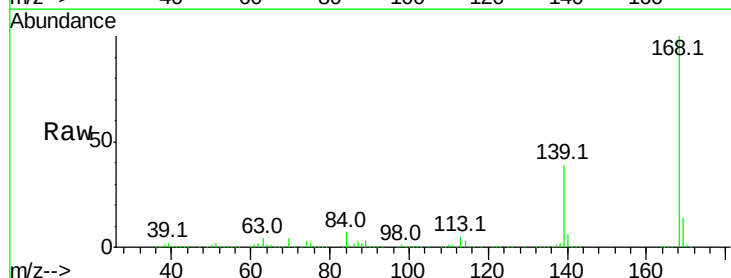
Tgt Ion:168 Resp: 1430128

Ion Ratio Lower Upper

168 100

139 38.8 30.6 45.8

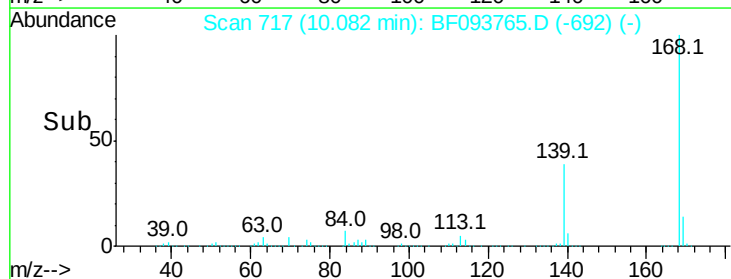
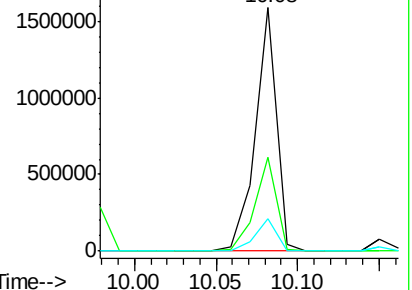
169 13.5 10.8 16.2

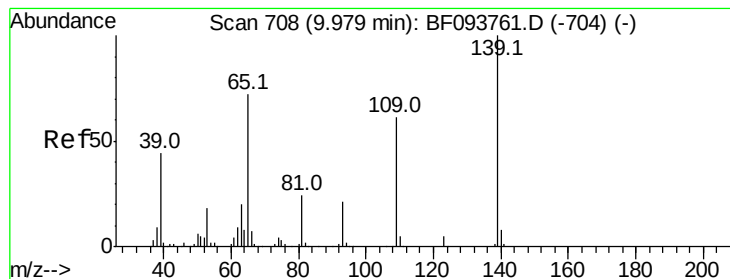


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 46.78 ng

RT: 9.98 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

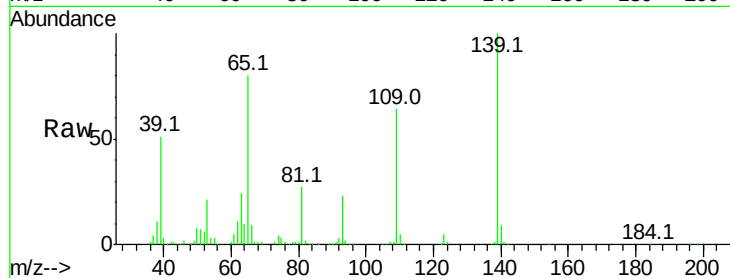
Tot Ion:139 Resp: 282506

Ion Ratio Lower Upper

139 100

109 63.8 34.1 74.1

65 80.1 31.4 71.4#

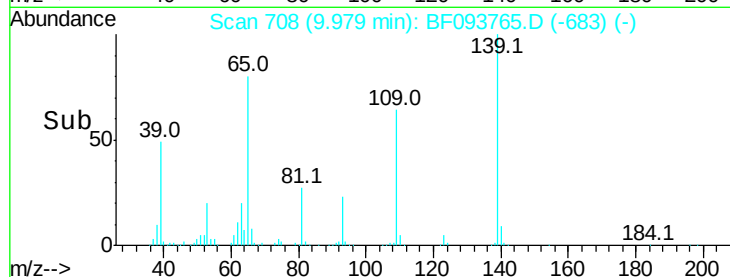


Abundance Ion 139.00 (138.70 to 139.70): E

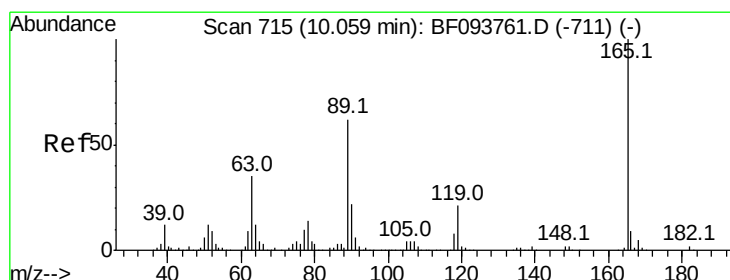
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

Time-->



Time-->



#56

2,4-Dinitrotoluene

Concen: 45.52 ng

RT: 10.06 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Tgt Ion:165 Resp: 387060

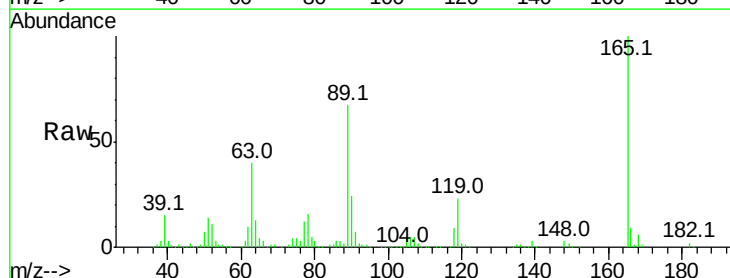
Ion Ratio Lower Upper

165 100

63 39.6 25.4 38.0#

89 66.7 46.4 69.6

182 2.3 1.8 2.6



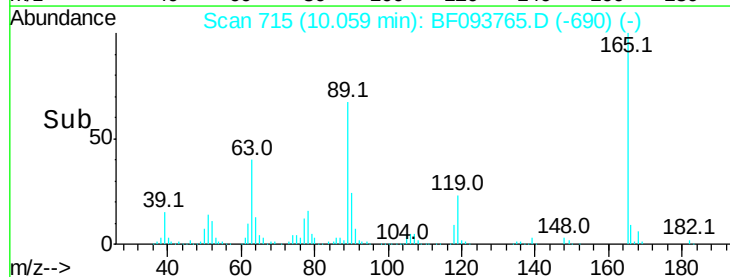
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

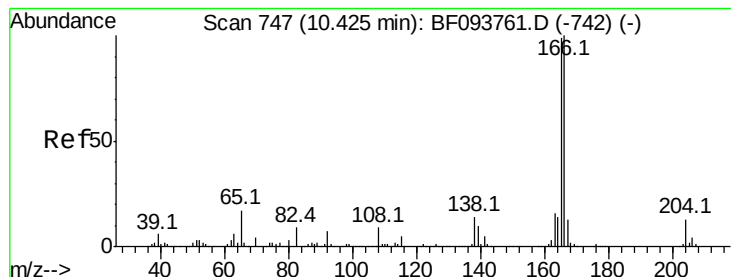
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->



Time-->



#57

Fluorene

Concen: 40.98 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

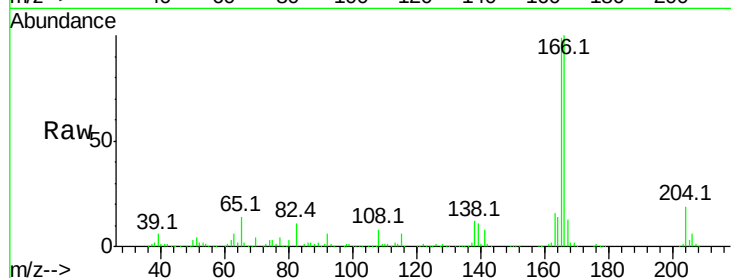
Tot Ion:166 Resp: 1096642

Ion Ratio Lower Upper

166 100

165 99.0 78.8 118.2

167 13.2 10.6 16.0

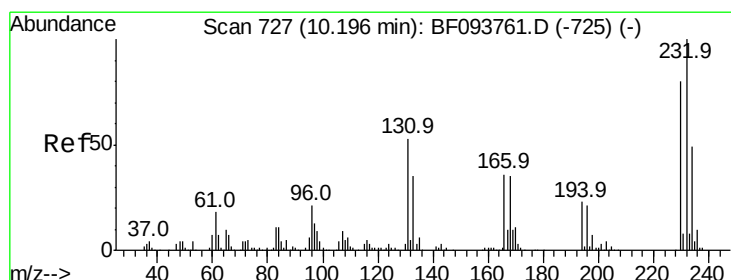
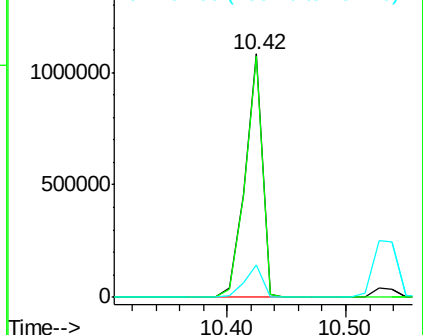
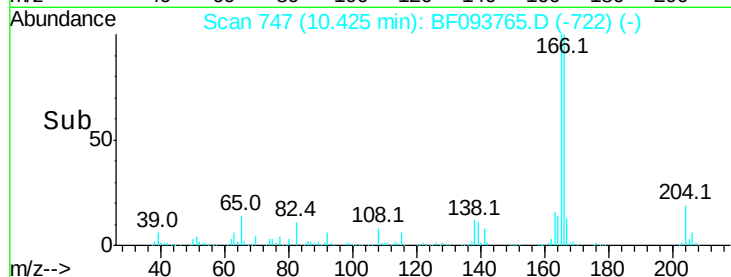


Abundance

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: 42.01 ng

RT: 10.20 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Tgt Ion:232 Resp: 246891

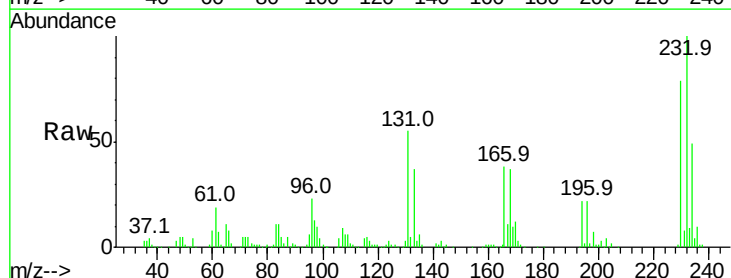
Ion Ratio Lower Upper

232 100

131 56.9 44.8 67.2

130 2.9 2.3 3.5

166 37.9 29.0 43.4



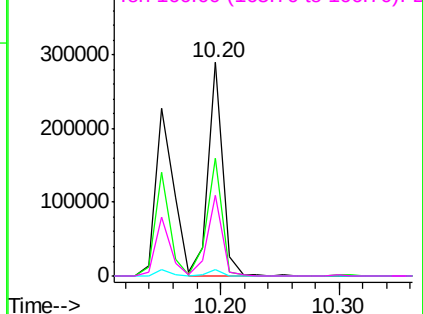
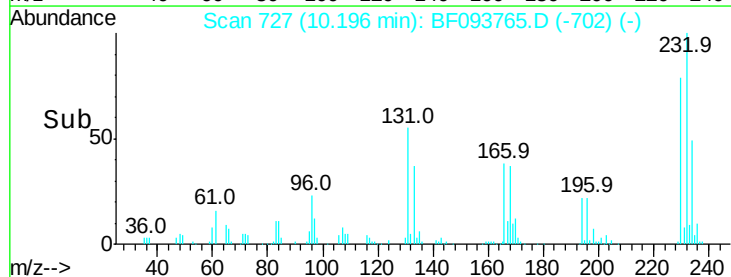
Abundance

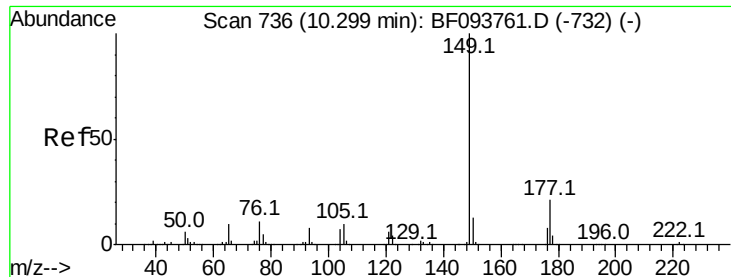
Ion 232.00 (231.70 to 232.70): E

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

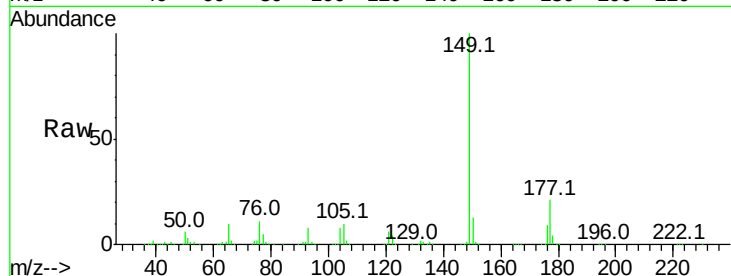




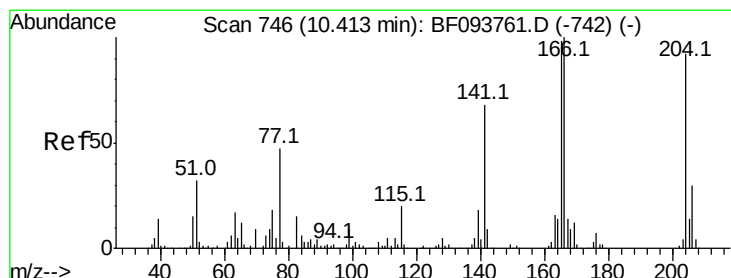
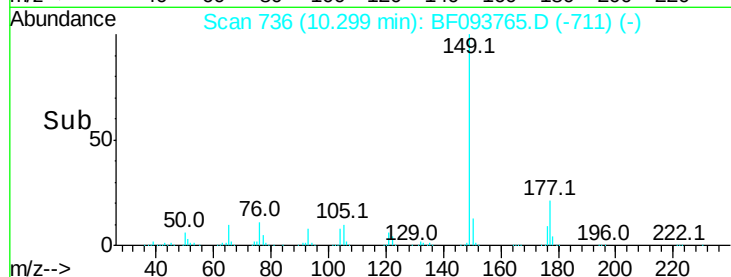
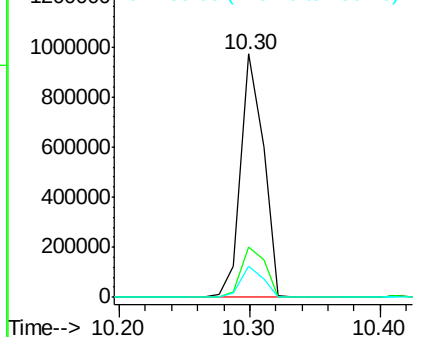
#59
Diethylphthalate
Concen: 39.42 ng
RT: 10.30 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF093765.D
Acq: 20 Mar 2017 15:10

Instrument :
BNA_F
ClientSampleId :
ICVBF032017

Tot Ion:149 Resp: 1171965
Ion Ratio Lower Upper
149 100
177 20.8 16.7 25.1
150 13.0 10.2 15.2

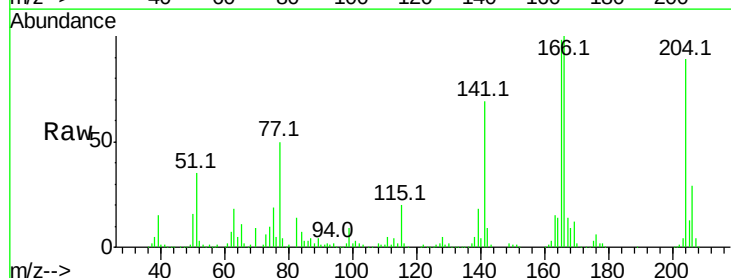


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

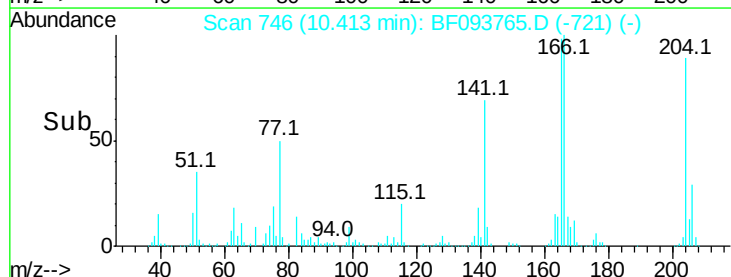
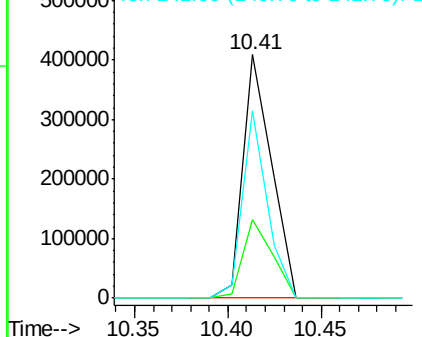


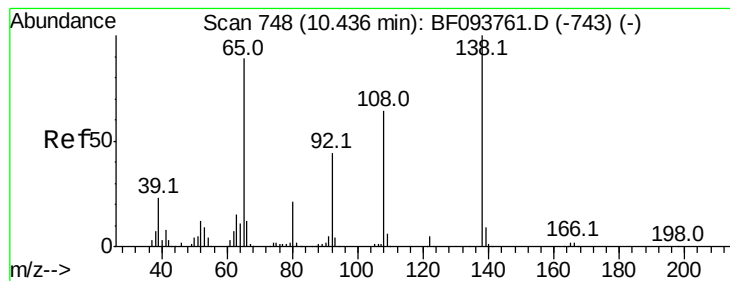
#60
4-Chlorophenyl-phenylether
Concen: 38.61 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF093765.D
Acq: 20 Mar 2017 15:10

Tgt Ion:204 Resp: 435524
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 76.9 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: 44.07 ng

RT: 10.44 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

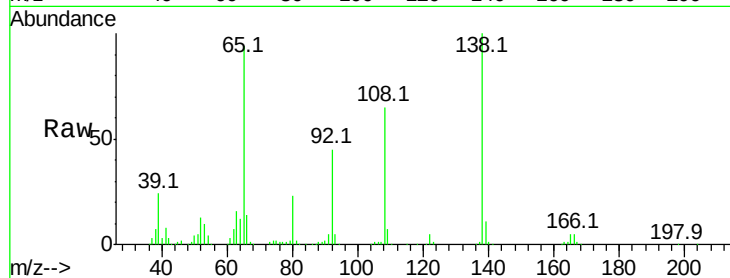
Tot Ion:138 Resp: 316919

Ion Ratio Lower Upper

138 100

92 45.2 21.8 61.8

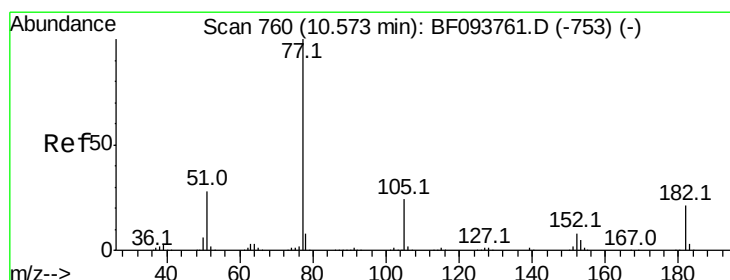
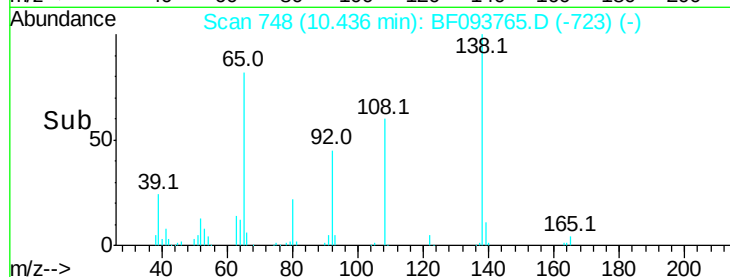
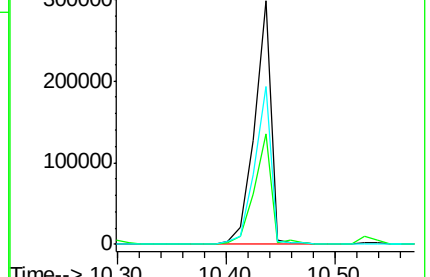
108 64.6 42.3 82.3



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: 39.95 ng

RT: 10.57 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Tgt Ion: 77 Resp: 1174713

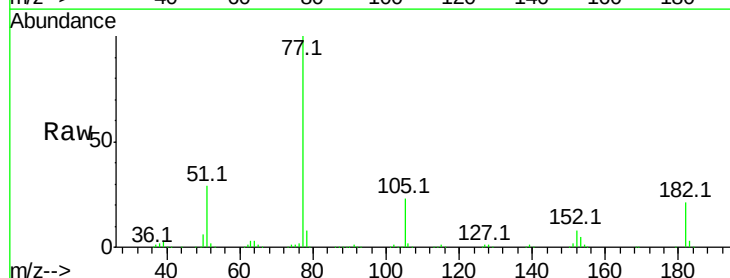
Ion Ratio Lower Upper

77 100

182 21.1 0.1 40.1

105 23.3 3.6 43.6

51 29.4 9.4 49.4

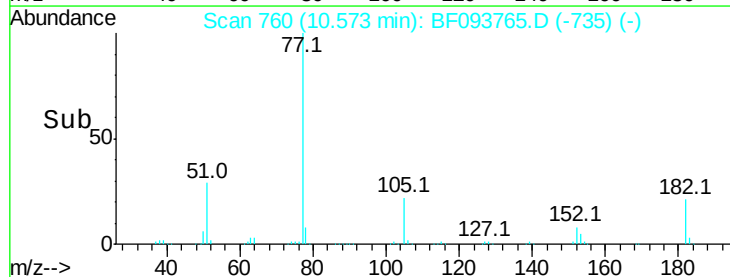
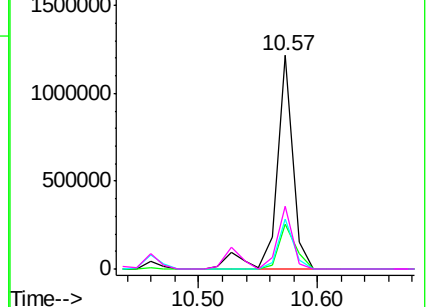


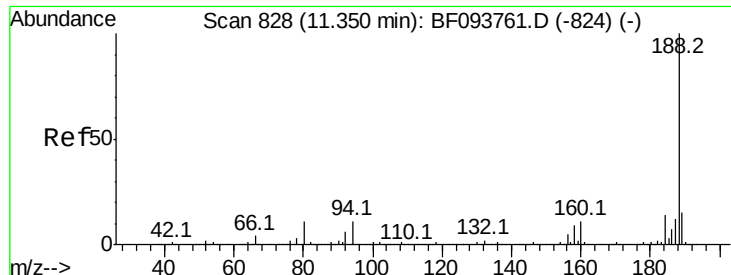
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

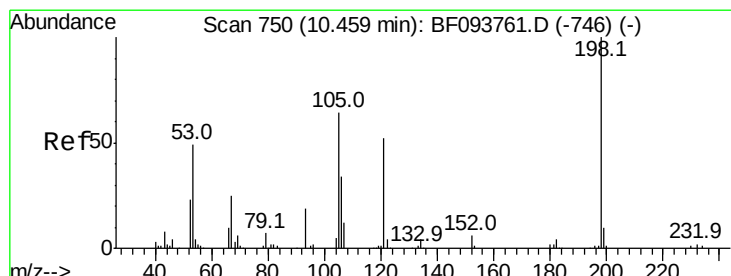
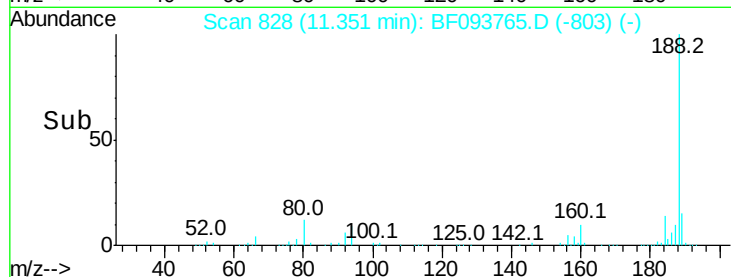
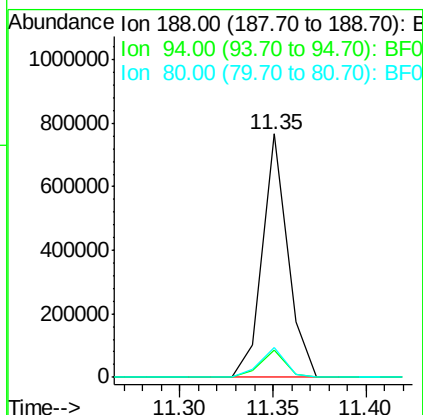
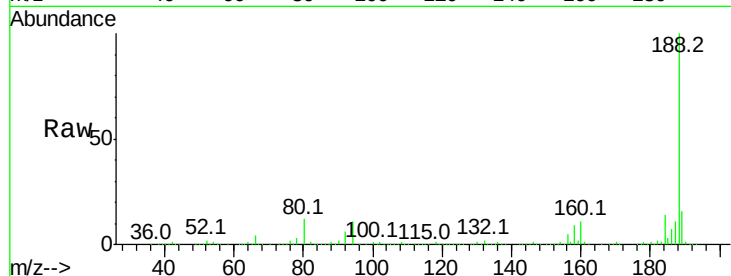




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF093765.D
 Acq: 20 Mar 2017 15:10

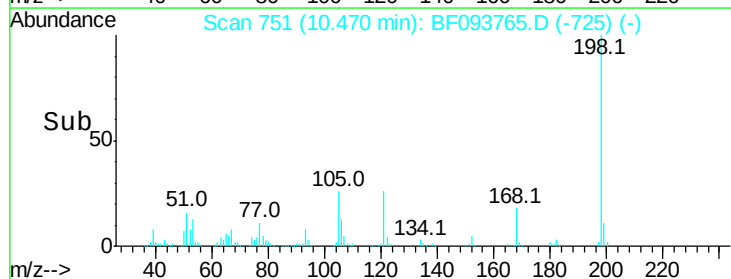
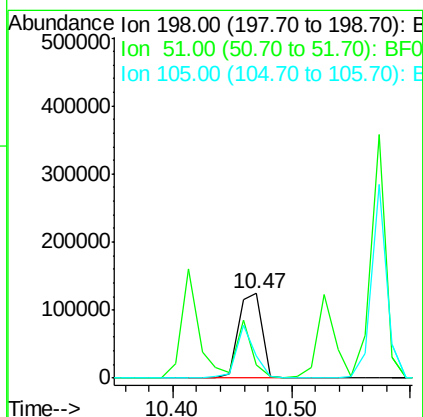
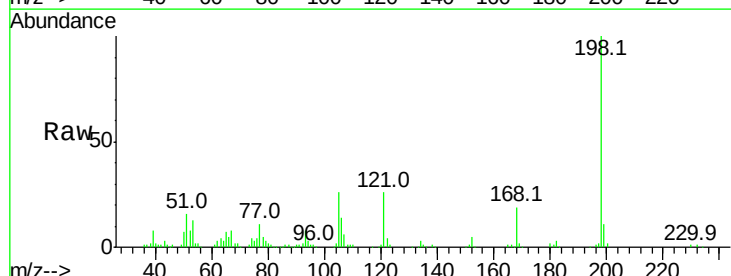
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032017

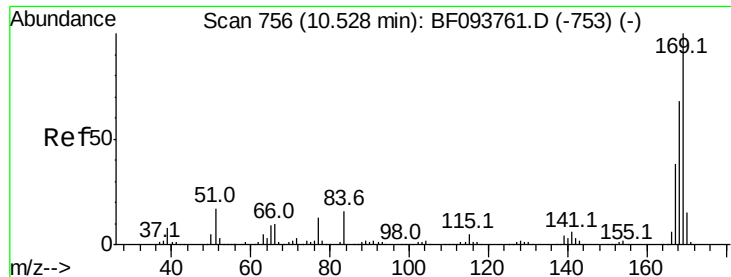
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	12.4	10.2	15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.41 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF093765.D
 Acq: 20 Mar 2017 15:10

Tgt Ion	Ratio	Lower	Upper
198	100		
51	16.4	53.2	93.2#
105	26.3	45.8	85.8#

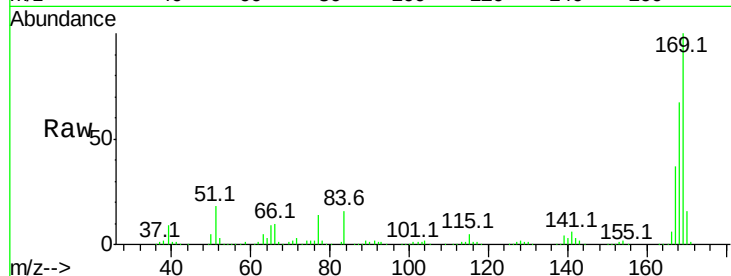




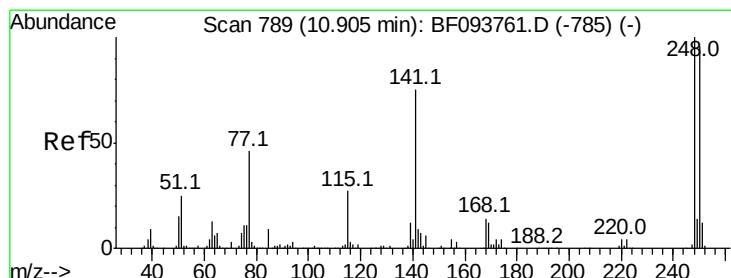
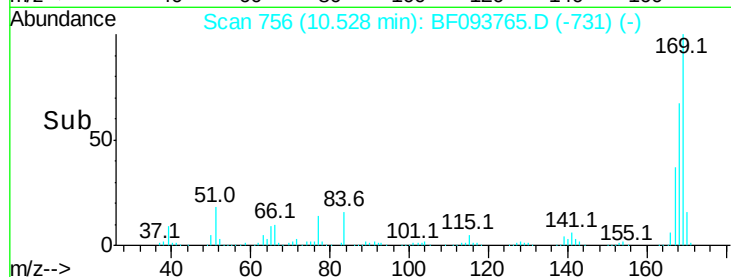
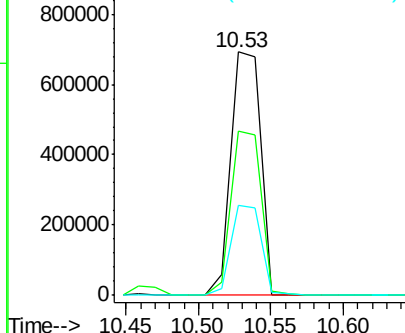
#65
 n-Nitrosodiphenylamine
 Concen: 40.99 ng
 RT: 10.53 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF093765.D
 Acq: 20 Mar 2017 15:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032017

Tot Ion:169 Resp: 985499
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.2 79.8
 167 36.8 29.5 44.3

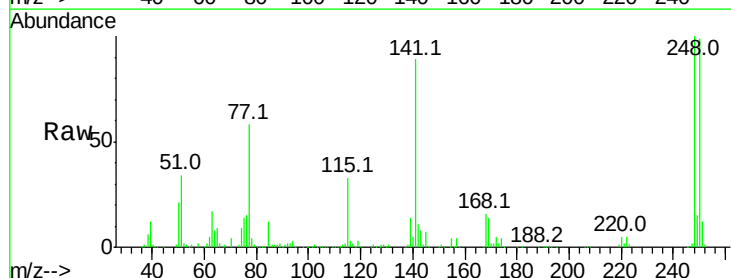


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

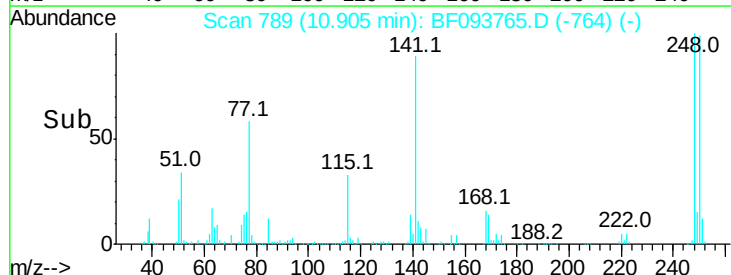
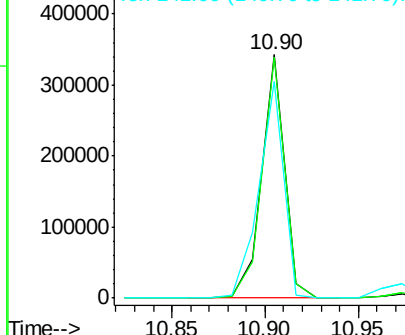


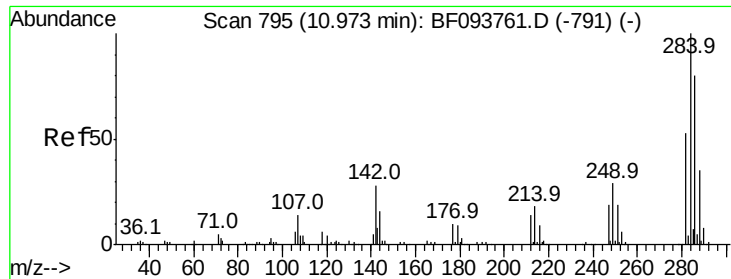
#66
 4-Bromophenyl-phenylether
 Concen: 41.46 ng
 RT: 10.90 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF093765.D
 Acq: 20 Mar 2017 15:10

Tgt Ion:248 Resp: 287770
 Ion Ratio Lower Upper
 248 100
 250 98.9 76.8 115.2
 141 88.8 68.6 103.0



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

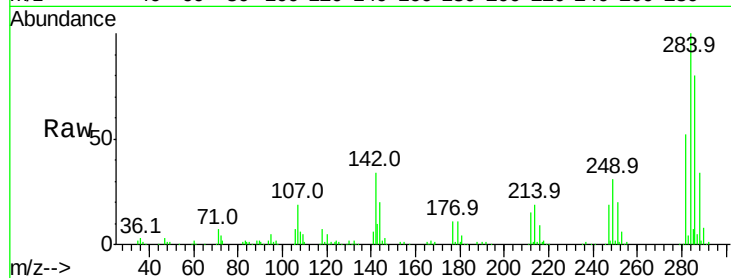




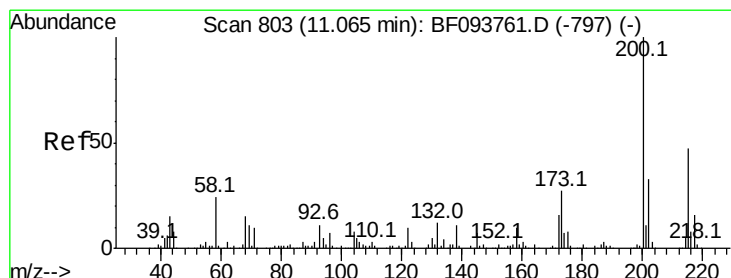
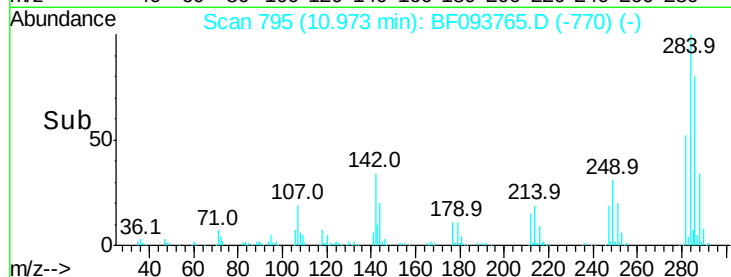
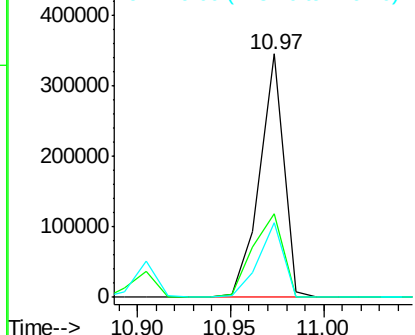
#67
Hexachlorobenzene
Concen: 43.24 ng
RT: 10.97 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF093765.D
Acq: 20 Mar 2017 15:10

Instrument :
BNA_F
ClientSampleId :
ICVBF032017

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.4	22.8	34.2#
249	30.9	24.0	36.0

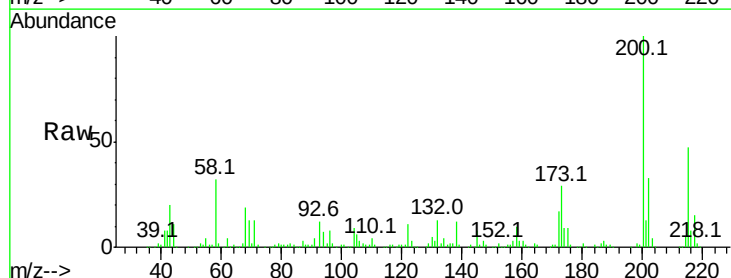


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

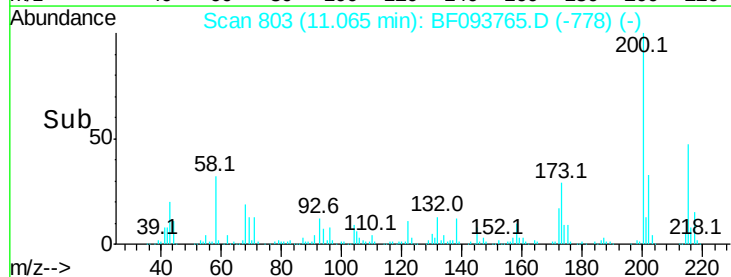
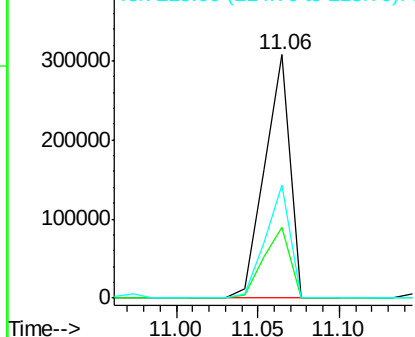


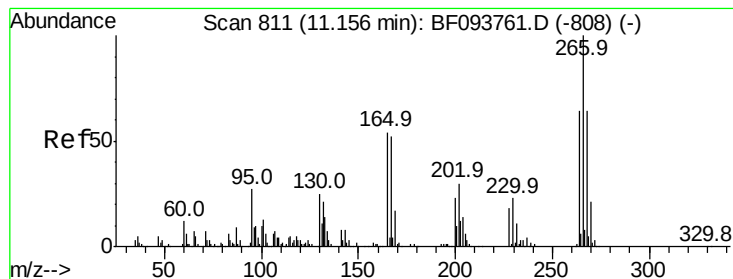
#68
Atrazine
Concen: 44.89 ng
RT: 11.06 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF093765.D
Acq: 20 Mar 2017 15:10

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.9	6.3	46.3
215	46.6	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: 44.61 ng

RT: 11.16 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

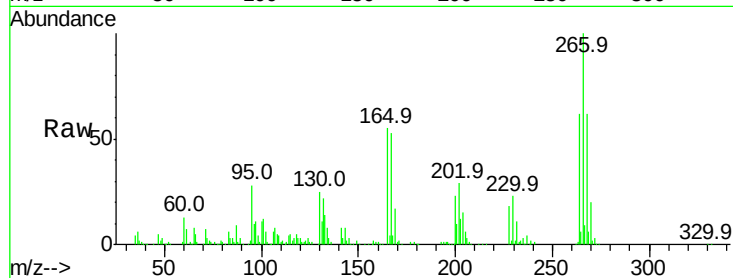
Tot Ion:266 Resp: 186705

Ion Ratio Lower Upper

266 100

268 61.6 51.1 76.7

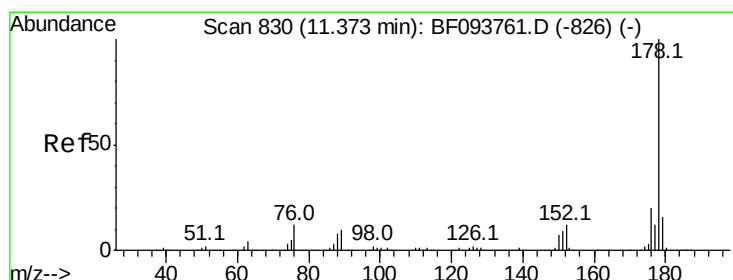
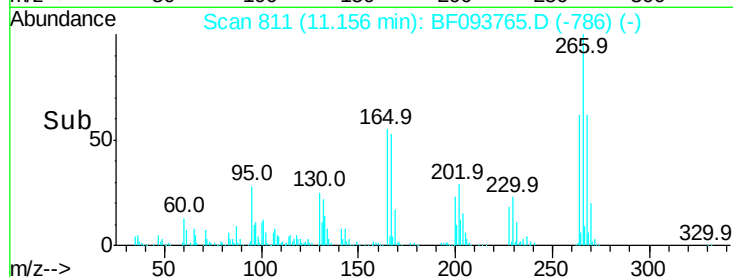
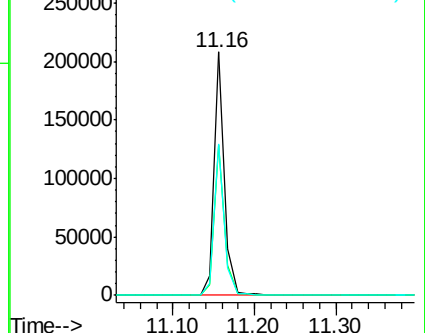
264 62.3 51.7 77.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 38.37 ng

RT: 11.37 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

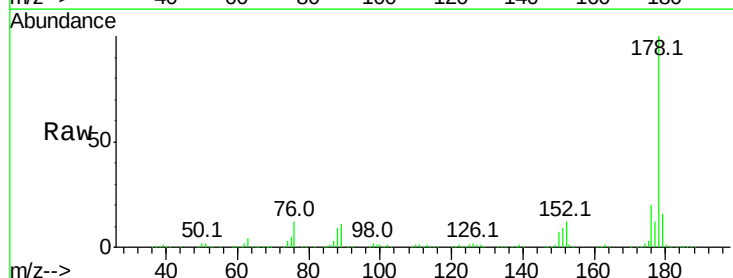
Tgt Ion:178 Resp: 1473561

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

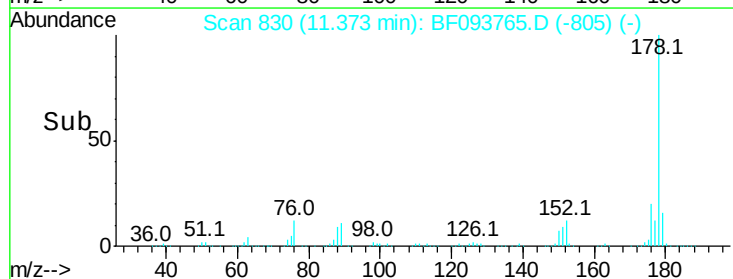
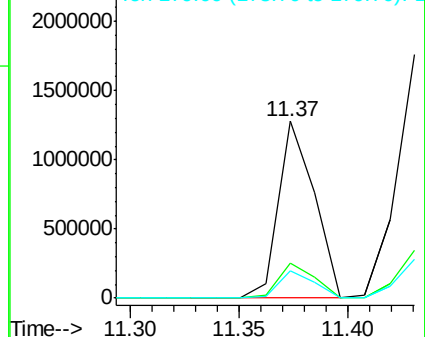
179 15.8 12.6 19.0

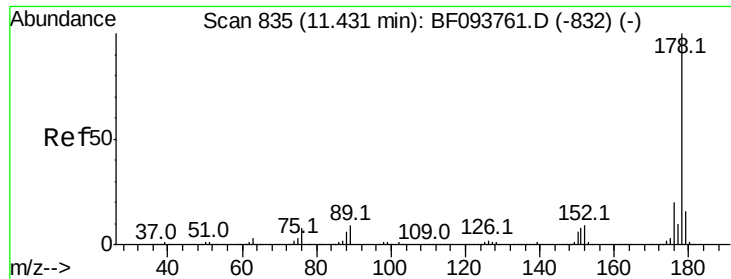


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

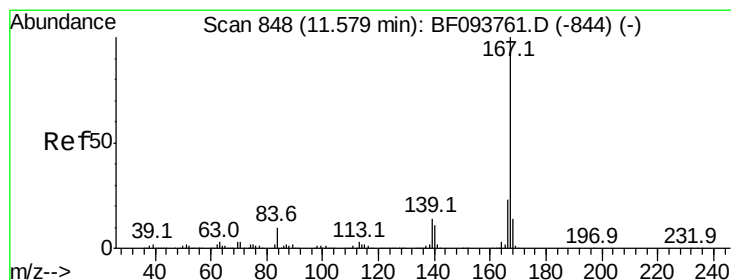
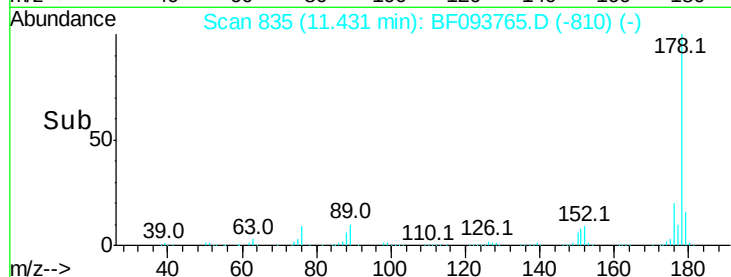
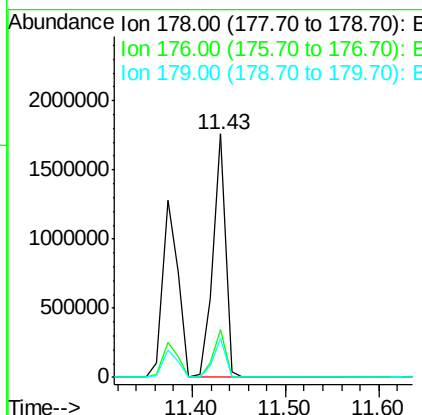
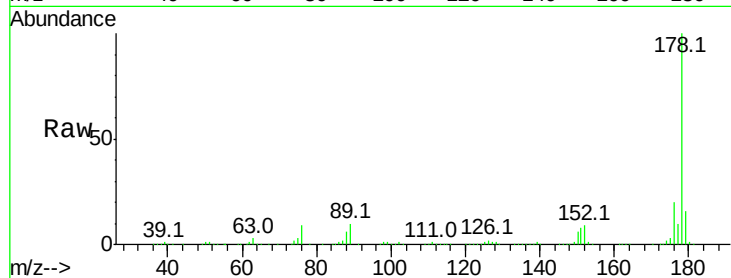




#71
 Anthracene
 Concen: 41.43 ng
 RT: 11.43 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF093765.D
 Acq: 20 Mar 2017 15:10

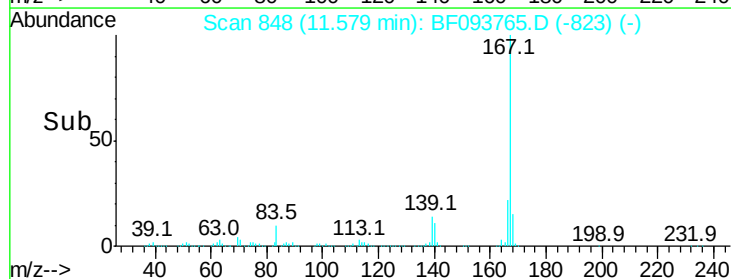
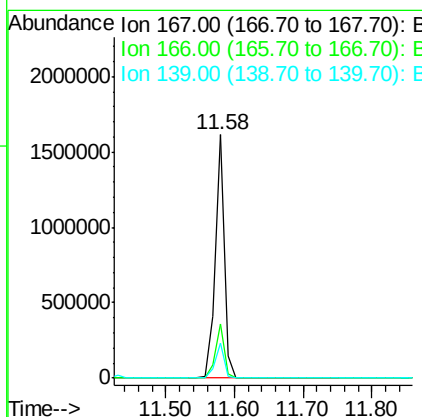
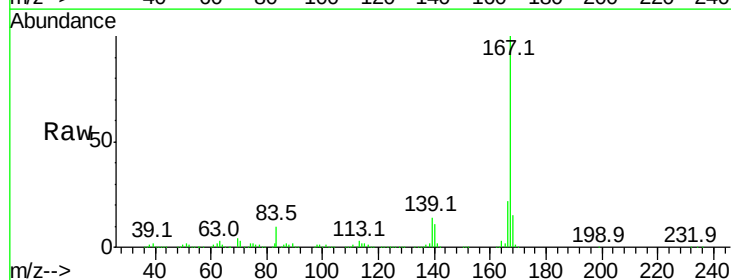
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032017

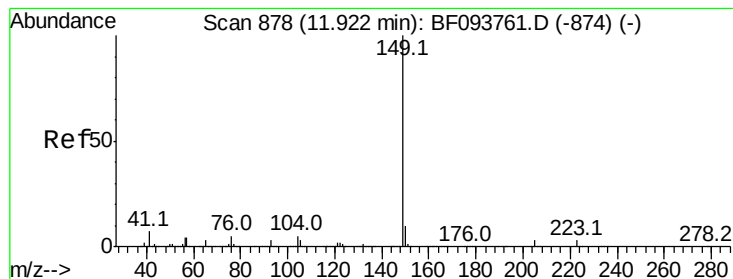
Tot Ion:178 Resp: 1637929
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.9 12.7 19.1



#72
 Carbazole
 Concen: 38.54 ng
 RT: 11.58 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF093765.D
 Acq: 20 Mar 2017 15:10

Tgt Ion:167 Resp: 1508868
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 14.3 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.84 ng

RT: 11.92 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

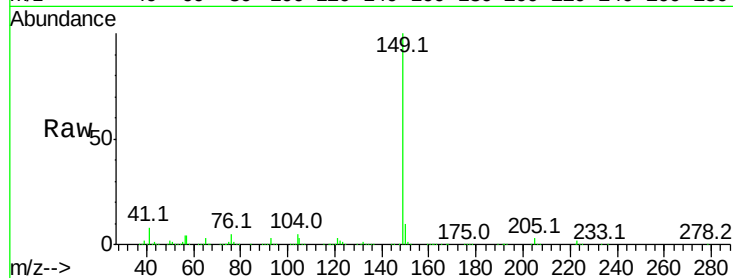
Tot Ion:149 Resp: 1720809

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

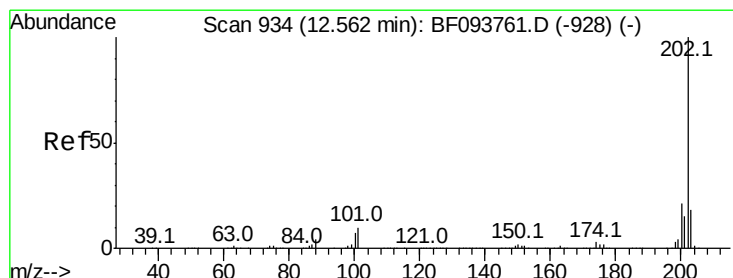
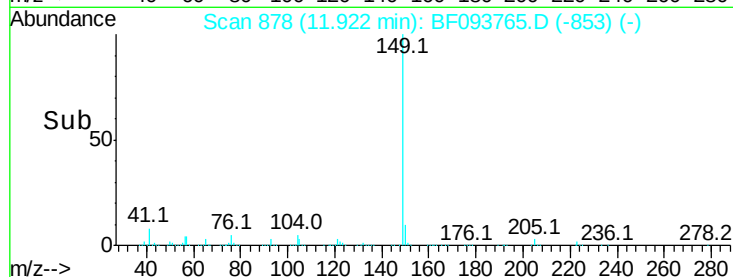
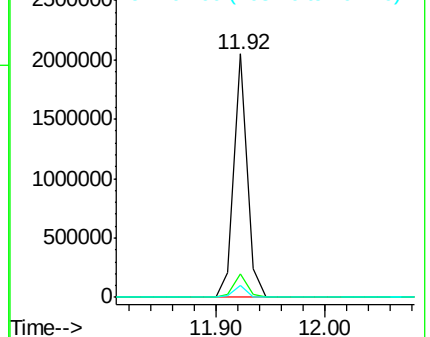
104 5.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.70 ng

RT: 12.56 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

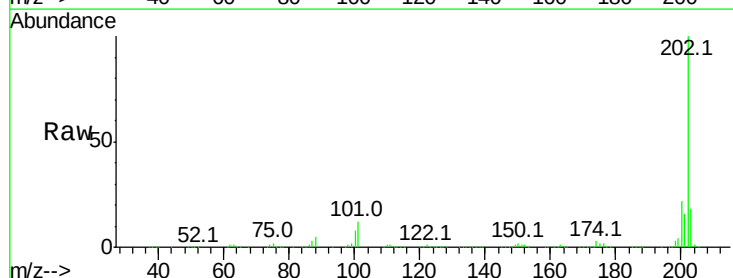
Tgt Ion:202 Resp: 1645967

Ion Ratio Lower Upper

202 100

101 11.6 0.0 33.2

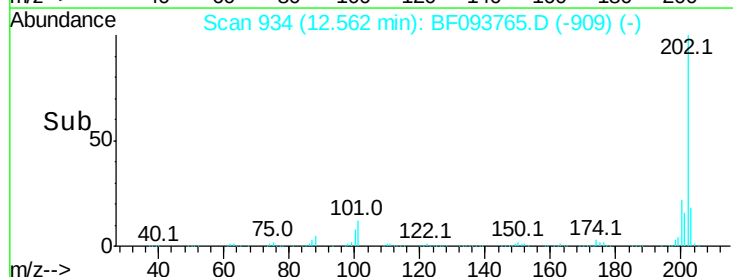
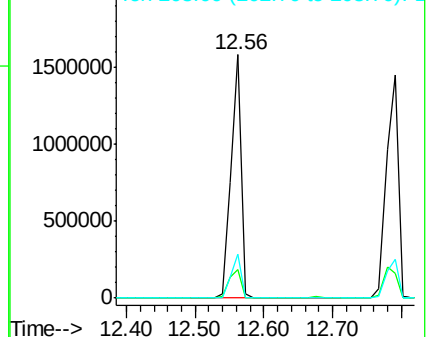
203 17.9 0.0 38.1

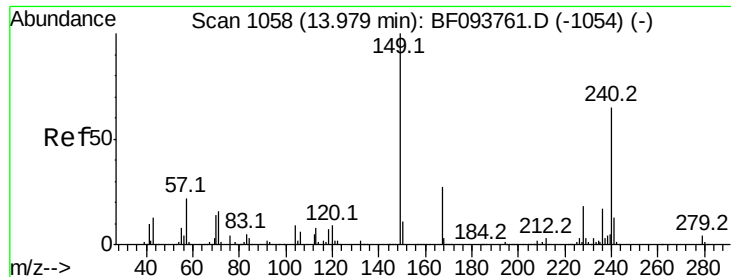


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

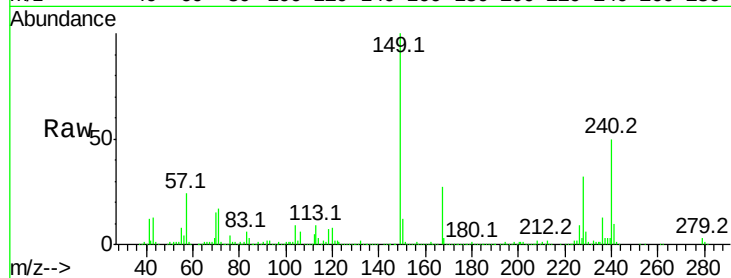
Tot Ion:240 Resp: 474761

Ion Ratio Lower Upper

240 100

120 16.8 5.8 8.8#

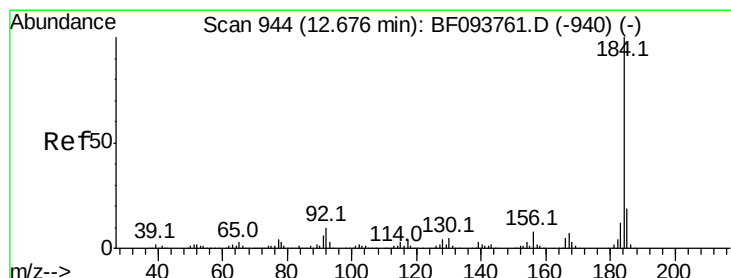
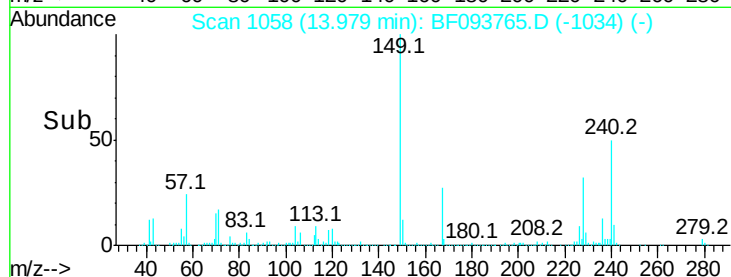
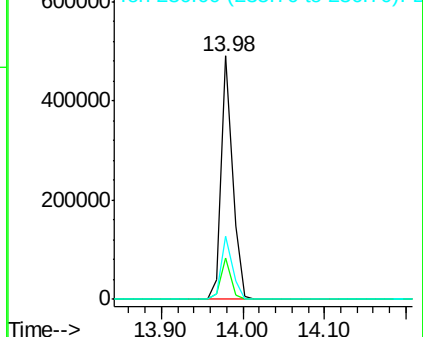
236 25.7 20.5 30.7



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: 40.22 ng

RT: 12.68 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

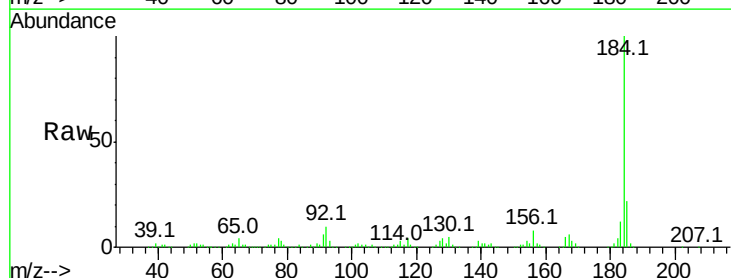
Tgt Ion:184 Resp: 837782

Ion Ratio Lower Upper

184 100

185 22.2 15.5 23.3

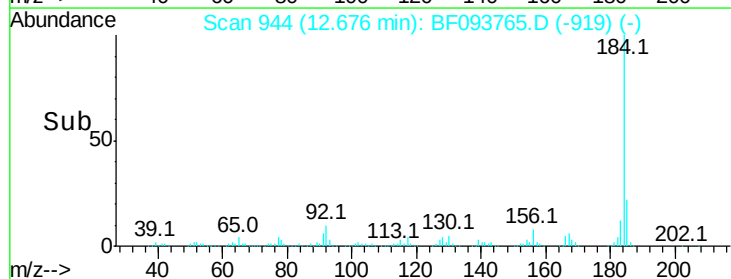
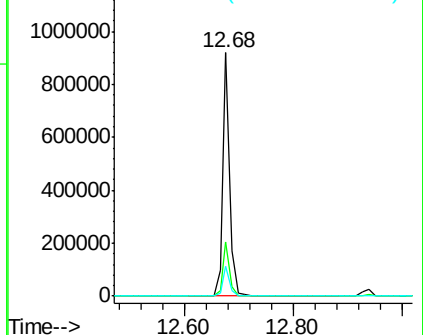
183 12.4 9.8 14.6

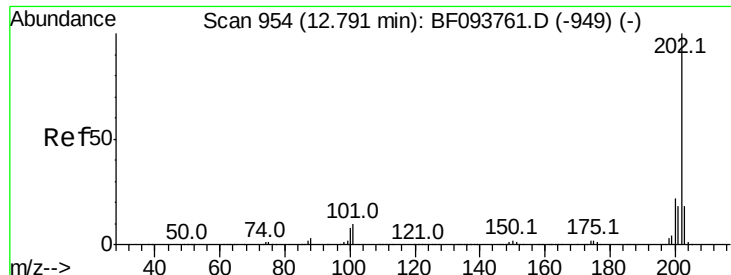


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

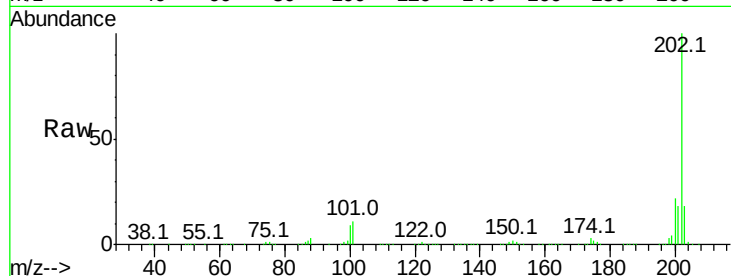




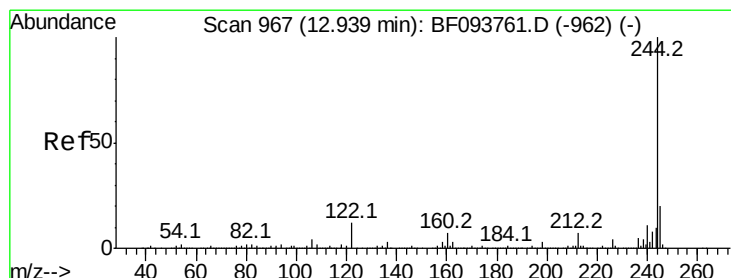
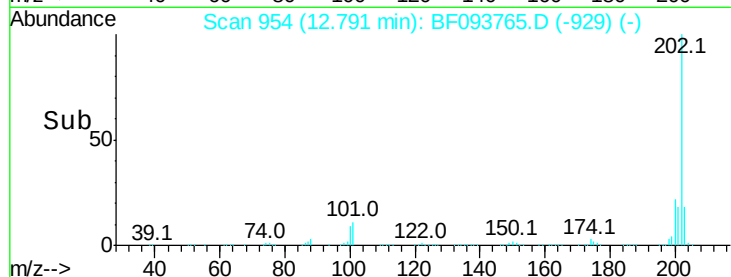
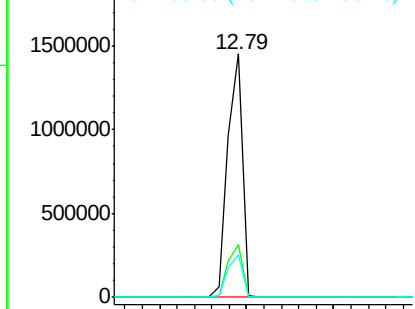
#77
Pvrene
Concen: 43.45 ng
RT: 12.79 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF093765.D
Acq: 20 Mar 2017 15:10

Instrument :
BNA_F
ClientSampleId :
ICVBF032017

Tot Ion:202 Resp: 1716869
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 17.6 14.4 21.6

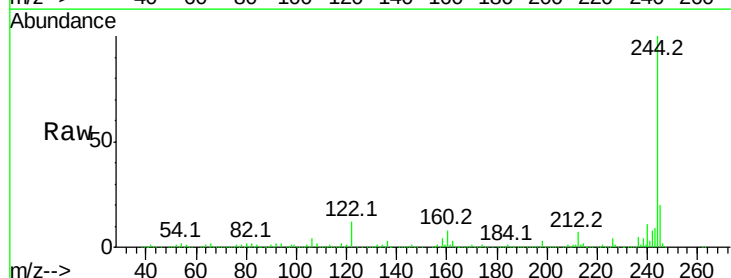


Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

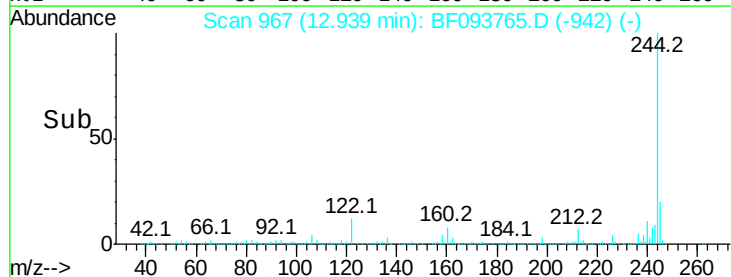
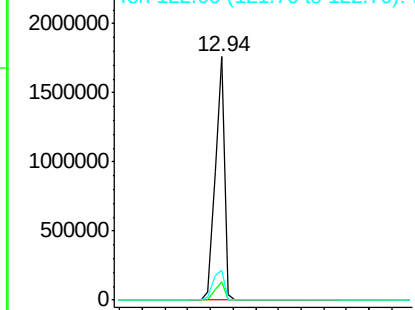


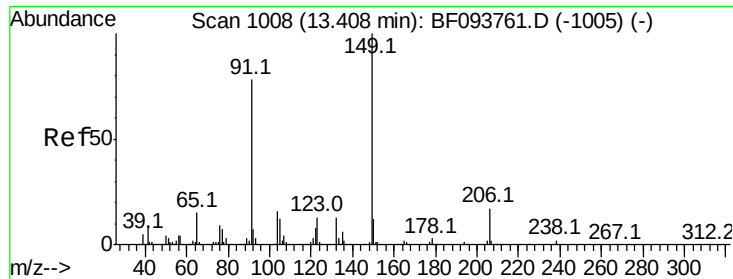
#78
Terphenyl-d14
Concen: 82.37 ng
RT: 12.94 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF093765.D
Acq: 20 Mar 2017 15:10

Tgt Ion:244 Resp: 1918080
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 12.2 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.87 ng

RT: 13.41 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

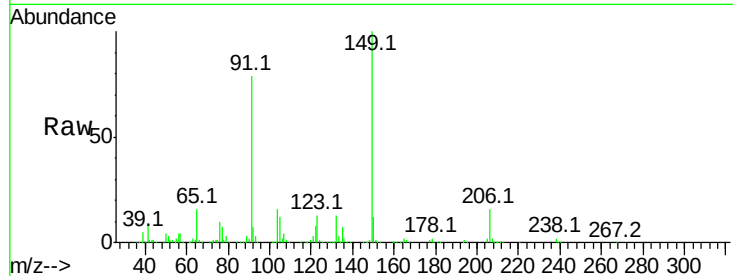
Tot Ion:149 Resp: 721625

Ion Ratio Lower Upper

149 100

91 78.7 45.0 67.4#

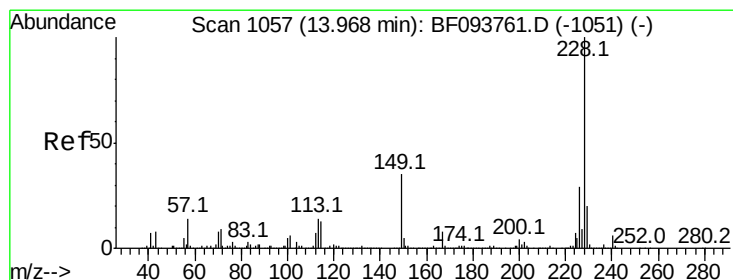
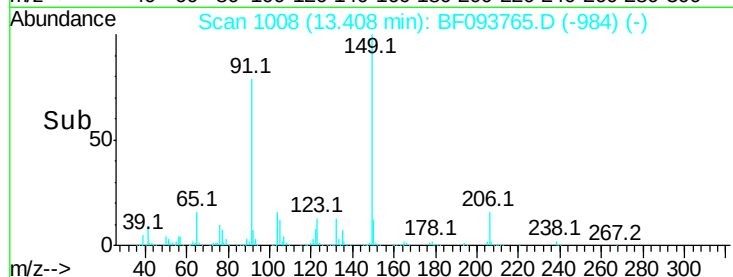
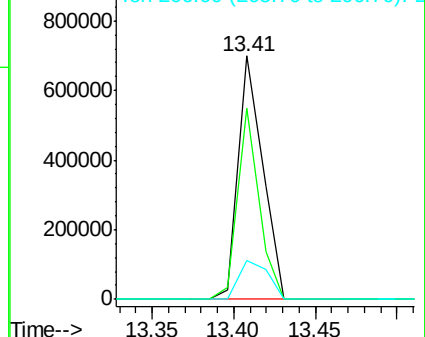
206 15.7 17.0 25.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.63 ng

RT: 13.97 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

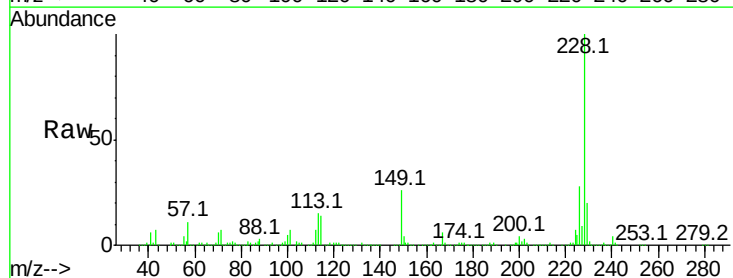
Tgt Ion:228 Resp: 1238028

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

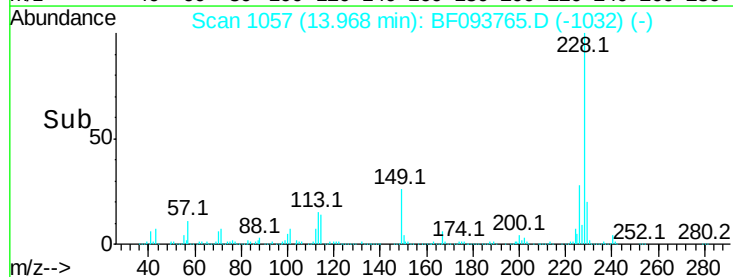
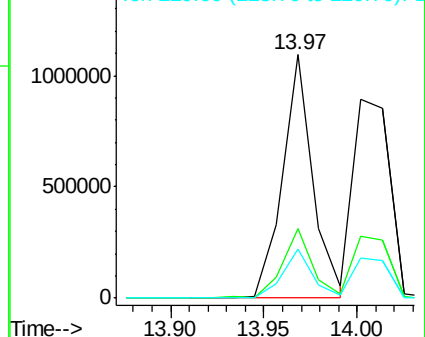
229 20.2 16.3 24.5

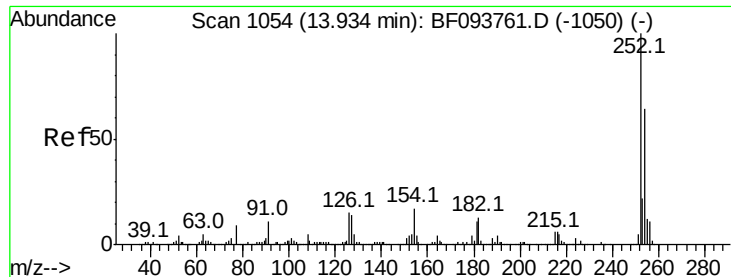


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

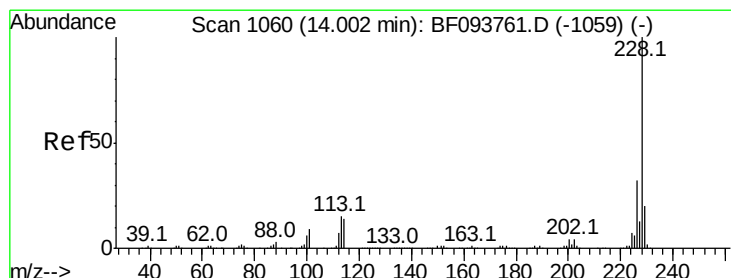
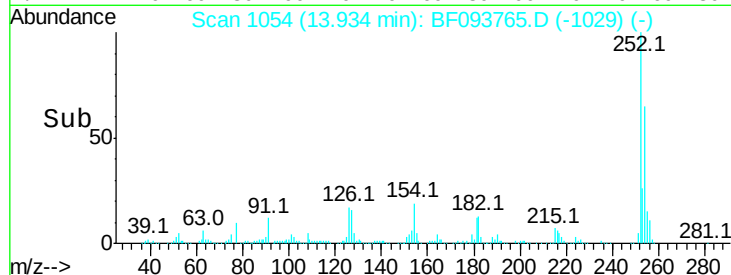
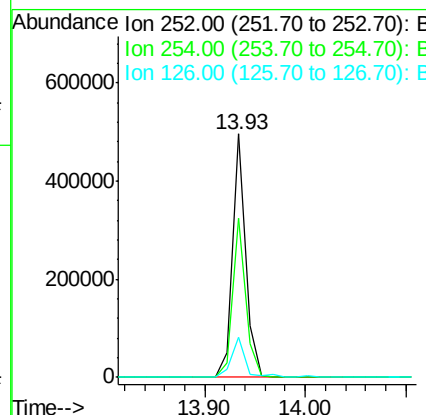
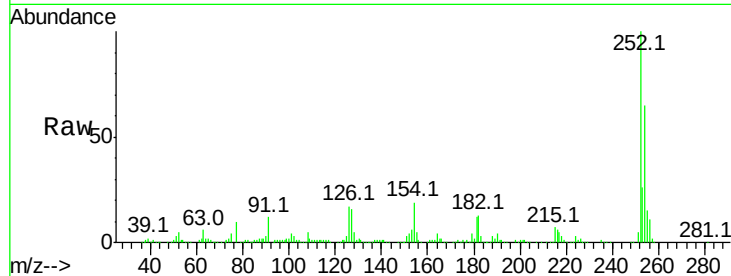




#81
 3,3'-Dichlorobenzidine
 Concen: 40.43 ng
 RT: 13.93 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: BF093765.D
 Acq: 20 Mar 2017 15:10

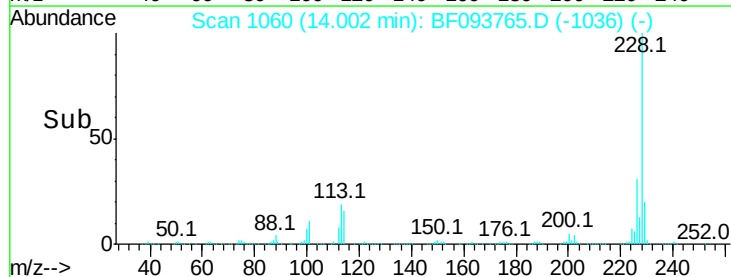
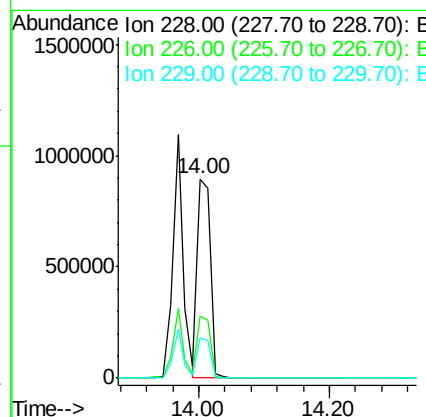
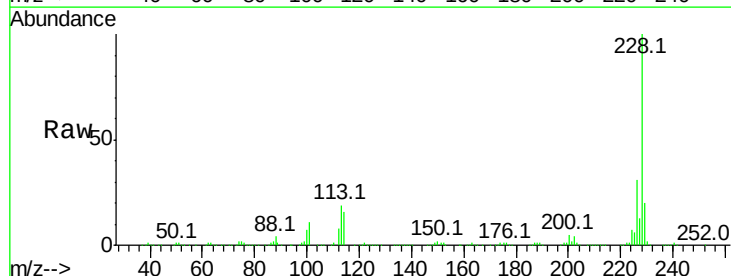
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032017

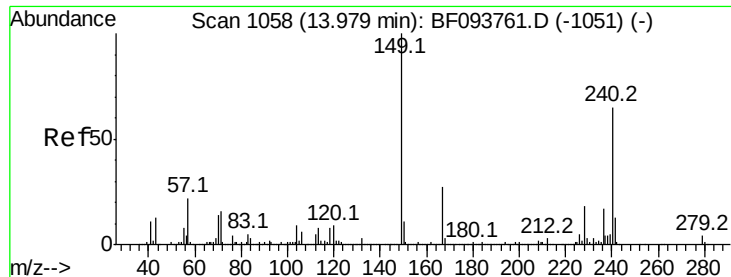
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.5	77.3
126	16.7	15.8	23.8



#82
 Chrysene
 Concen: 41.40 ng
 RT: 14.00 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BF093765.D
 Acq: 20 Mar 2017 15:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	20.2	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.99 ng

RT: 13.98 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

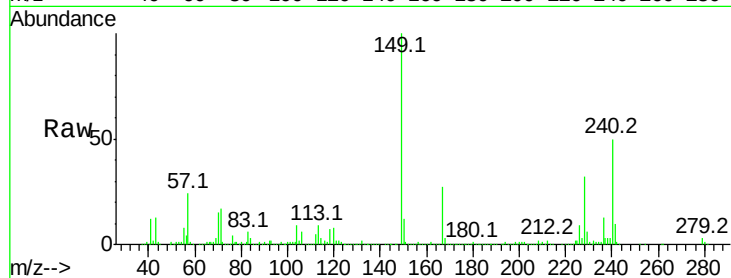
Tot Ion:149 Resp: 914221

Ion Ratio Lower Upper

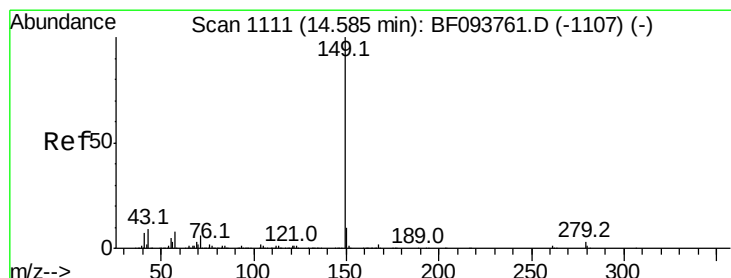
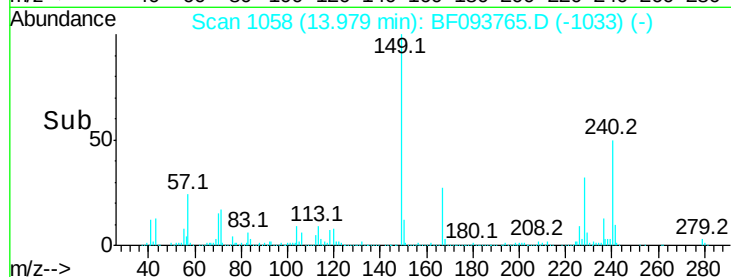
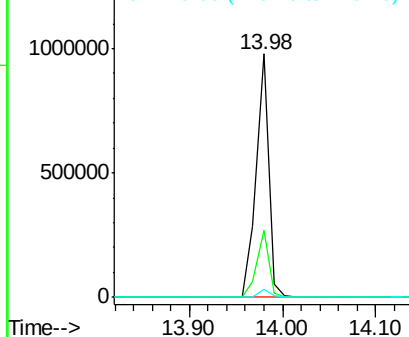
149 100

167 27.3 21.0 31.4

279 3.3 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: 45.17 ng

RT: 14.59 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

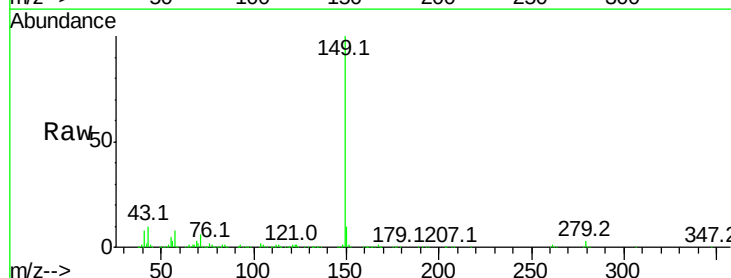
Tgt Ion:149 Resp: 1752838

Ion Ratio Lower Upper

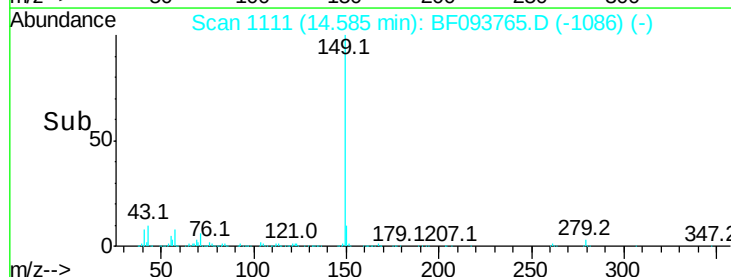
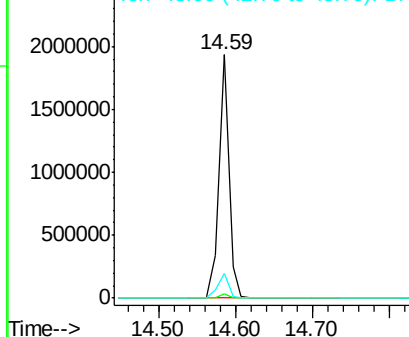
149 100

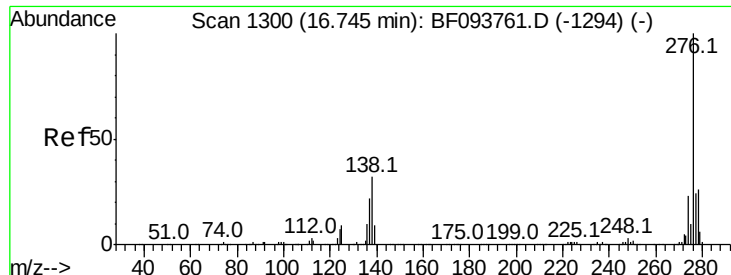
167 1.5 1.2 1.8

43 10.8 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

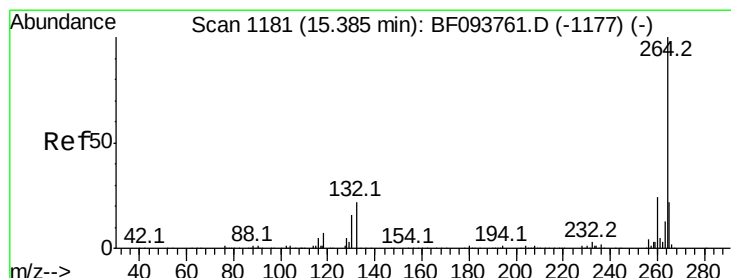
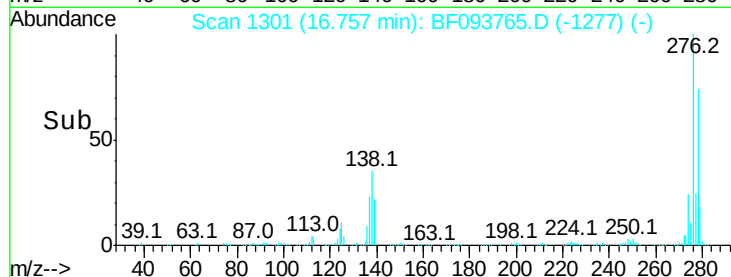
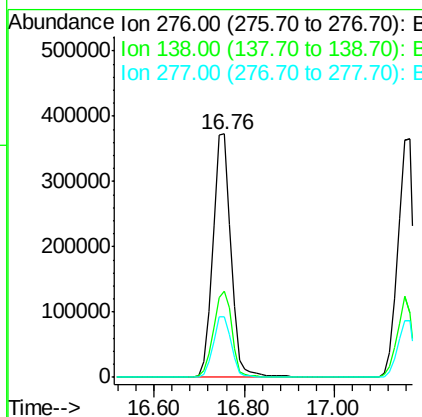
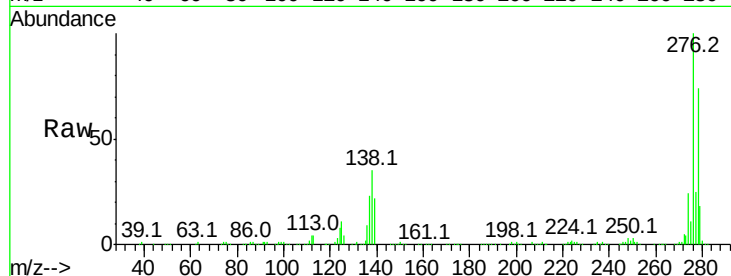




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.97 ng
 RT: 16.76 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF093765.D
 Acq: 20 Mar 2017 15:10

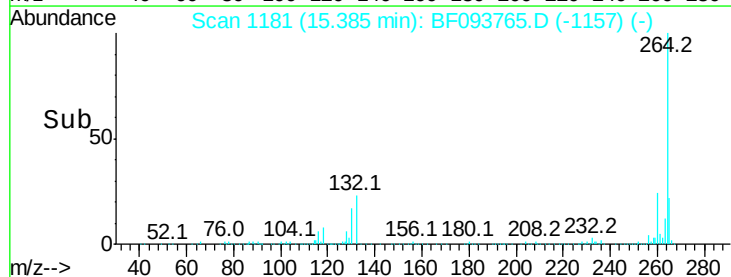
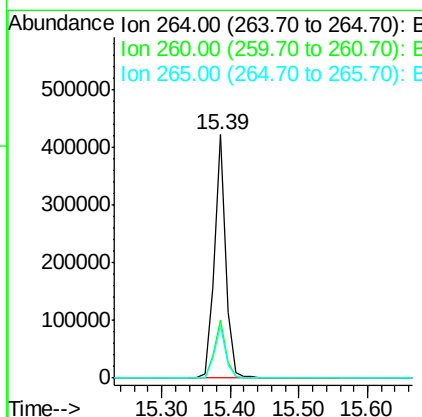
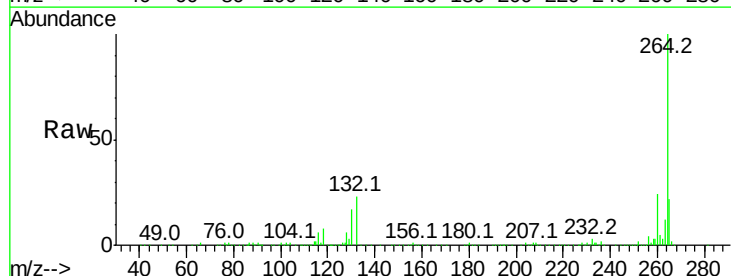
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032017

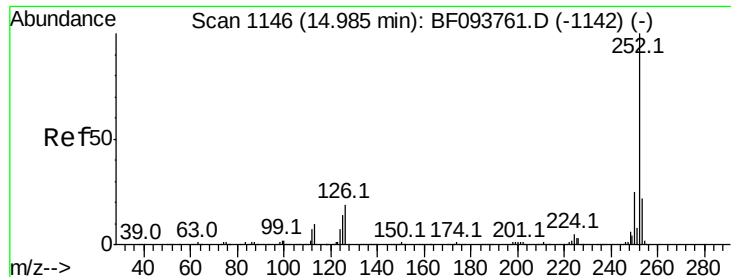
Tot Ion:276 Resp: 1045424
 Ion Ratio Lower Upper
 276 100
 138 36.4 27.8 41.6
 277 25.4 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF093765.D
 Acq: 20 Mar 2017 15:10

Tgt Ion:264 Resp: 495427
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.7 17.2 25.8

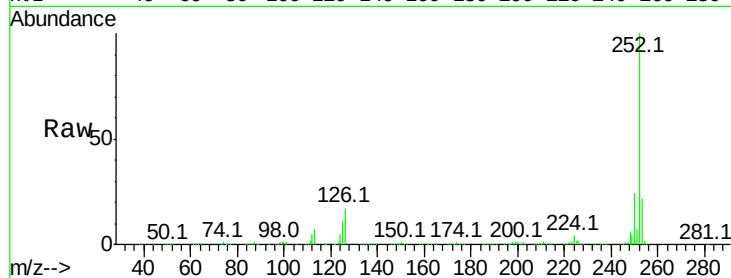




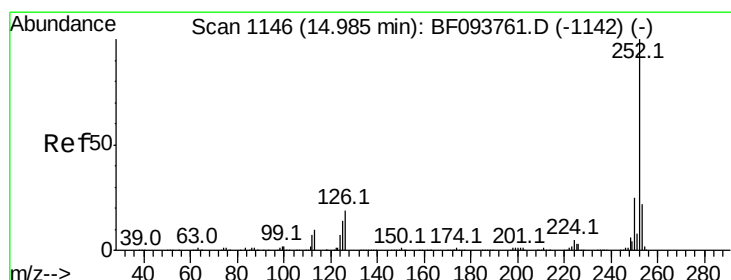
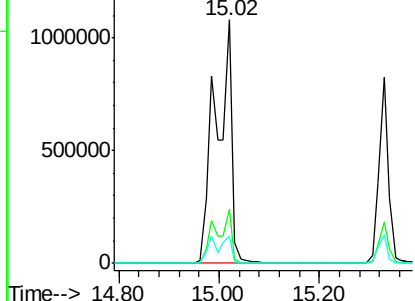
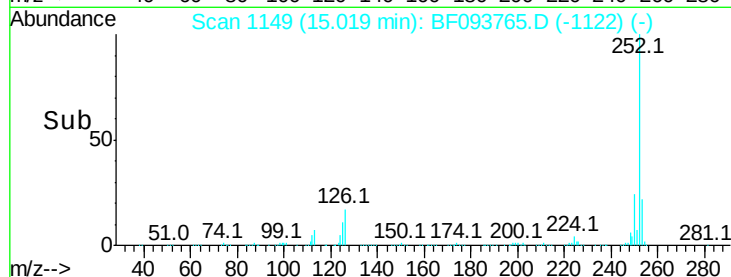
#87
Benzo(b)fluoranthene
Concen: 70.95 ng
RT: 15.02 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF093765.D
Acq: 20 Mar 2017 15:10

Instrument :
BNA_F
ClientSampleId :
ICVBF032017

Tot Ion:252 Resp: 2369759
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 11.4 9.8 14.8

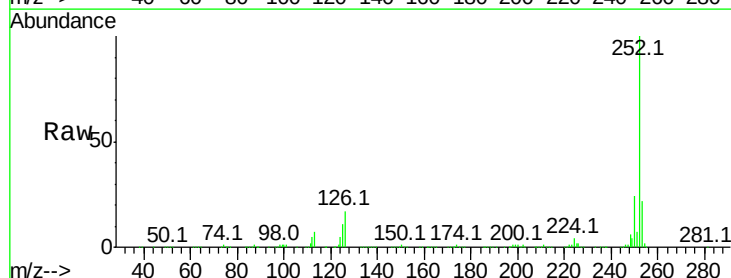


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

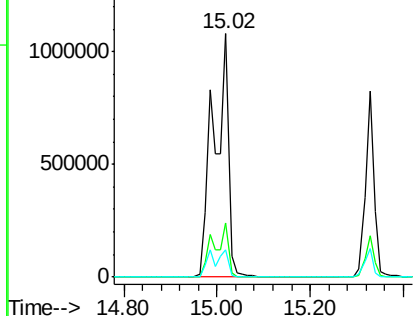
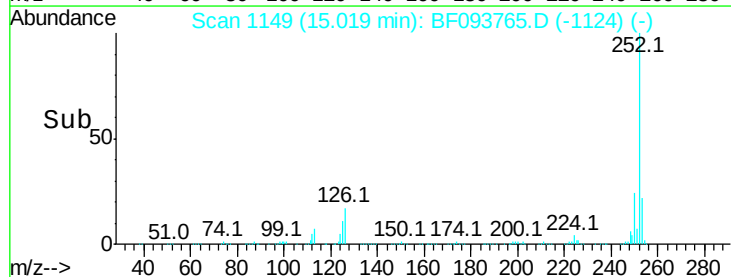


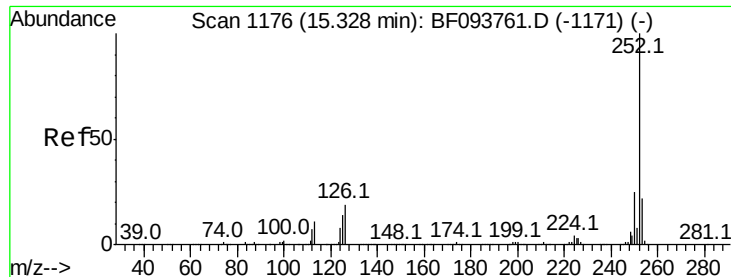
#88
Benzo(k)fluoranthene
Concen: 96.13 ng
RT: 15.02 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF093765.D
Acq: 20 Mar 2017 15:10

Tgt Ion:252 Resp: 2370652
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 11.4 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: 39.83 ng

RT: 15.33 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

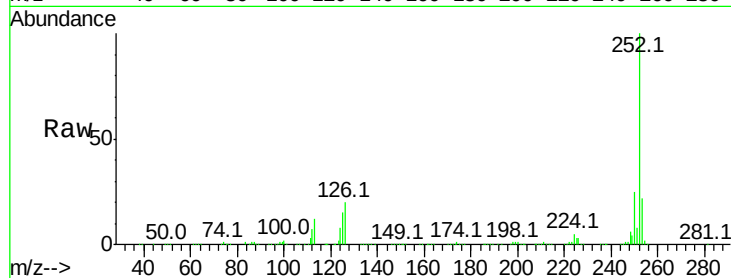
Tot Ion:252 Resp: 1078620

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

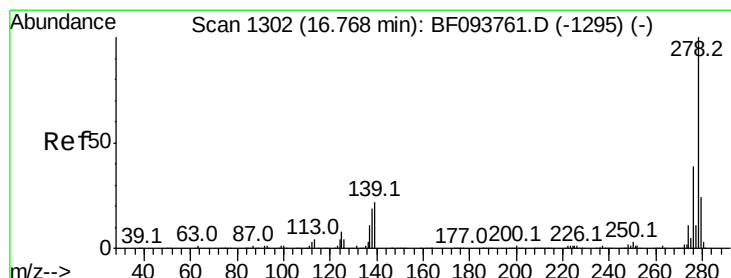
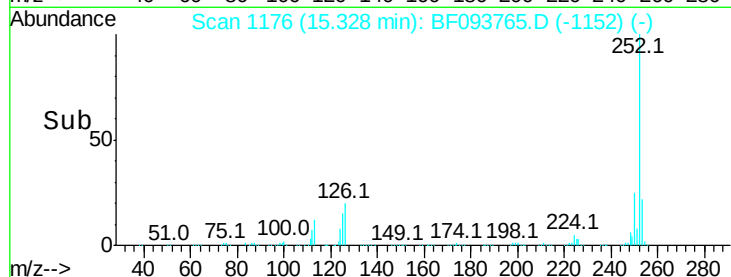
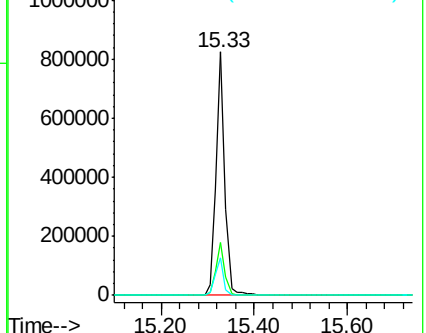
125 15.2 11.0 16.4



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: 40.56 ng

RT: 16.77 min Scan# 1302

Delta R.T. -0.03 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

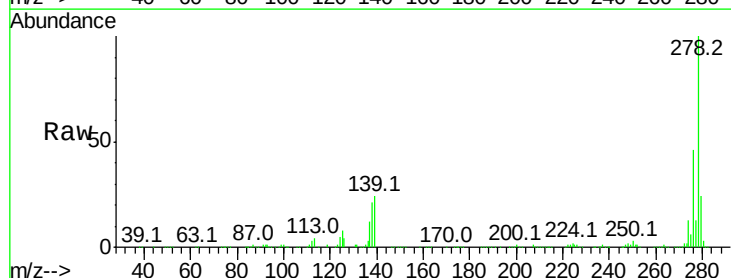
Tgt Ion:278 Resp: 912081

Ion Ratio Lower Upper

278 100

139 23.8 16.6 24.8

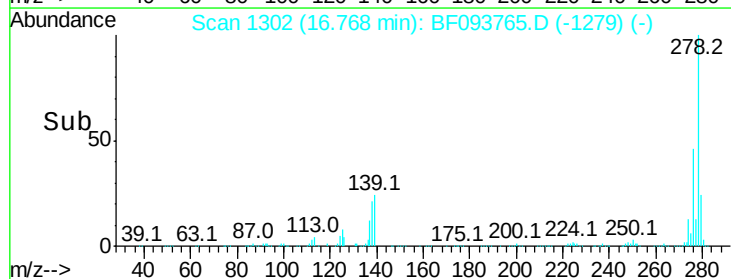
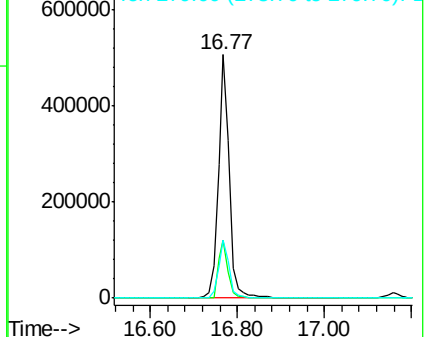
279 23.9 19.3 28.9

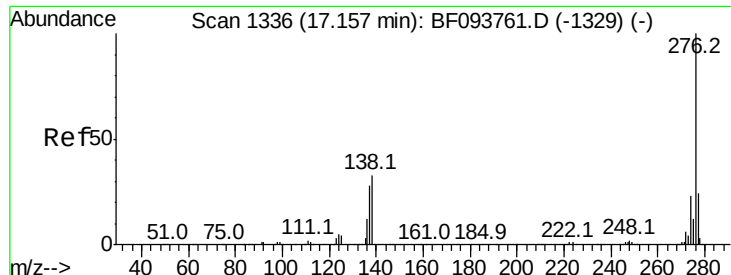


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.77 ng

RT: 17.17 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF093765.D

Acq: 20 Mar 2017 15:10

Instrument :

BNA_F

ClientSampleId :

ICVBF032017

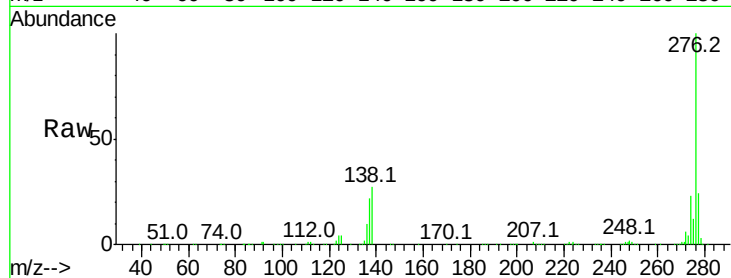
Tot Ion:276 Resp: 887743

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 27.2 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

