

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093767.D
 Acq On : 20 Mar 2017 16:20
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 21 01:02:51 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	219006	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	909726	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	414027	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	695618	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	474751	20.00	ng	-0.02
86) Perylene-d12	15.39	264	433821	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1015669	81.10	ng	-0.01
7) Phenol-d6	6.47	99	1261675	81.53	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1342974	83.74	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	256149	79.88	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1846533	75.00	ng	-0.01
78) Terphenyl-d14	12.94	244	1930424	82.90	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.44	88	260961	41.12	ng	97
3) Pyridine	3.13	79	721097	42.41	ng	96
4) n-Nitrosodimethylamine	3.09	42	309765	42.25	ng	95
6) Aniline	6.49	93	867777	40.10	ng	99
8) 2-Chlorophenol	6.62	128	554720	40.27	ng	99
9) Benzaldehyde	6.38	77	452331	41.35	ng	100
10) Phenol	6.48	94	801266	46.06	ng	97
11) bis(2-Chloroethyl)ether	6.57	93	577367	40.88	ng	100
12) 1,3-Dichlorobenzene	6.78	146	649587	41.58	ng	100
13) 1,4-Dichlorobenzene	6.86	146	673573	42.26	ng	100
14) 1,2-Dichlorobenzene	7.01	146	553914	37.89	ng	100
15) Benzyl Alcohol	6.97	79	466601	40.69	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	888902	39.58	ng	99
17) 2-Methylphenol	7.09	107	507401	41.97	ng	99
18) Hexachloroethane	7.35	117	234830	41.56	ng	# 73
19) n-Nitroso-di-n-propylamine	7.26	70	395511	39.01	ng	99
20) 3+4-Methylphenols	7.25	107	528621	36.93	ng	98
22) Acetophenone	7.25	105	693092	35.19	ng	99
24) Nitrobenzene	7.42	77	592744	38.69	ng	99
25) Isophorone	7.67	82	1117358	39.33	ng	# 90
26) 2-Nitrophenol	7.74	139	320280	46.23	ng	97
27) 2,4-Dimethylphenol	7.78	122	553582	38.85	ng	93
28) bis(2-Chloroethoxy)methane	7.88	93	711948	38.95	ng	98
29) 2,4-Dichlorophenol	7.98	162	495527	40.85	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	515804	40.95	ng	99
31) Naphthalene	8.15	128	1752589	41.50	ng	99
32) Benzoic acid	7.90	122	365879	41.29	ng	99
33) 4-Chloroaniline	8.20	127	681914	37.58	ng	# 86
34) Hexachlorobutadiene	8.28	225	267604	40.40	ng	99
35) Caprolactam	8.56	113	147144	38.65	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	528295	42.03	ng	95
37) 2-Methylnaphthalene	8.84	142	1107753	40.19	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	453296	41.34	ng	99
40) Hexachlorocyclopentadiene	9.00	237	226586	40.96	ng	98

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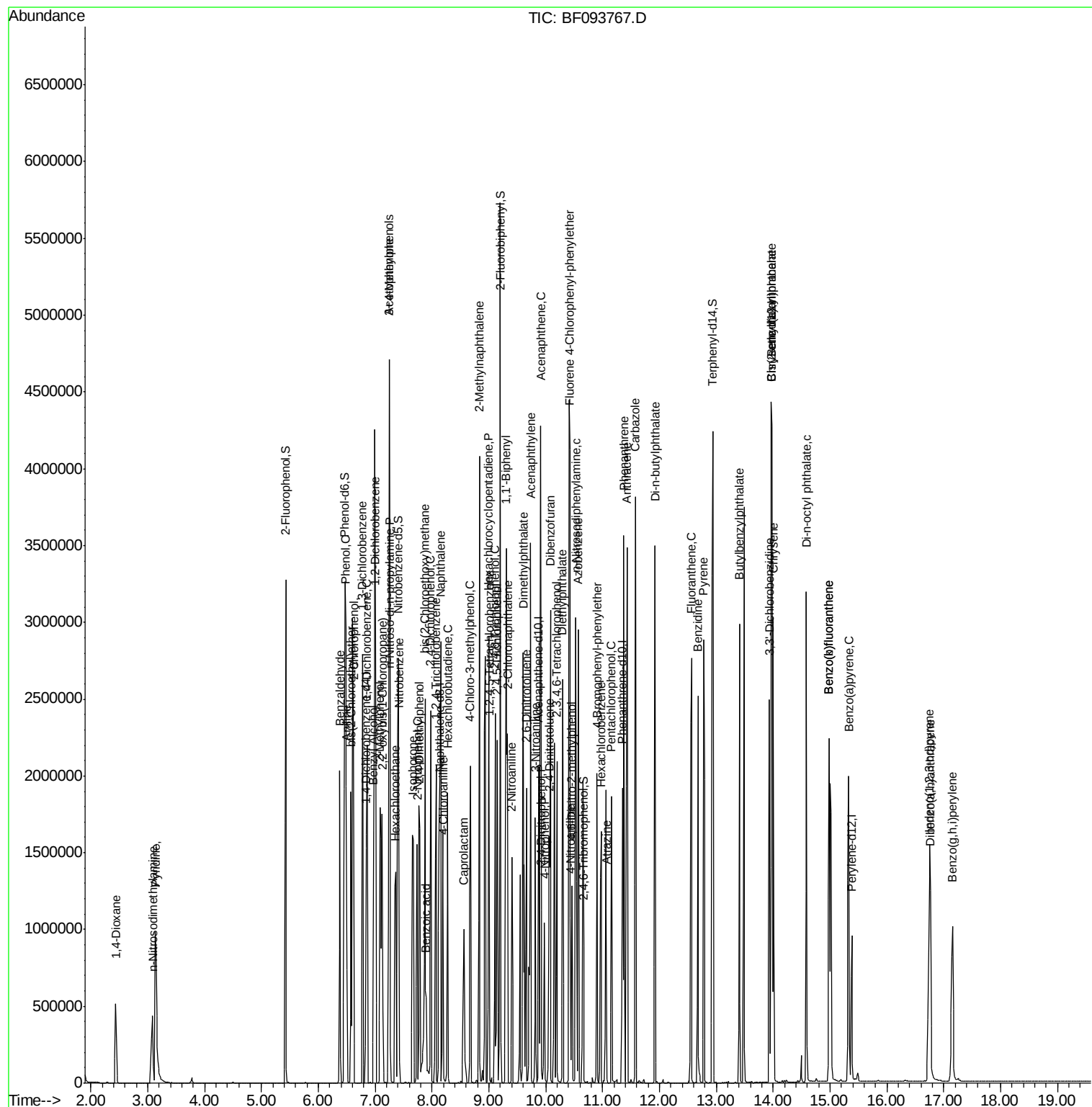
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	337610	42.41	nq	99
43) 2,4,5-Trichlorophenol	9.14	196	301641	36.50	nq	99
45) 1,1'-Biphenyl	9.30	154	1328439	39.48	nq	99
46) 2-Chloronaphthalene	9.33	162	1038021	40.23	nq	99
47) 2-Nitroaniline	9.41	65	270828	37.59	nq	99
48) Acenaphthylene	9.74	152	1754112	41.78	nq	100
49) Dimethylphthalate	9.60	163	1083159	36.76	nq	100
50) 2,6-Dinitrotoluene	9.66	165	287375	44.43	nq	97
51) Acenaphthene	9.91	154	1013849	40.43	nq	99
52) 3-Nitroaniline	9.82	138	267879	34.50	nq	98
53) 2,4-Dinitrophenol	9.92	184	112062	44.13	nq	# 83
54) Dibenzofuran	10.08	168	1411000	41.81	nq	98
55) 4-Nitrophenol	9.98	139	265567	45.53	nq	89
56) 2,4-Dinitrotoluene	10.06	165	383592	46.71	nq	98
57) Fluorene	10.42	166	1046805	40.50	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	243605	42.91	nq	98
59) Diethylphthalate	10.30	149	1093218	38.07	nq	99
60) 4-Chlorophenyl-phenylether	10.41	204	412280	37.85	nq	98
61) 4-Nitroaniline	10.44	138	297662	42.85	nq	96
62) Azobenzene	10.57	77	1171439	41.24	nq	98
64) 4,6-Dinitro-2-methylphenol	10.46	198	153630	38.12	nq	93
65) n-Nitrosodiphenylamine	10.53	169	902252	38.91	nq	100
66) 4-Bromophenyl-phenylether	10.90	248	291697	43.56	nq	92
67) Hexachlorobenzene	10.97	284	296462	42.94	nq	98
68) Atrazine	11.07	200	299969	42.14	nq	98
69) Pentachlorophenol	11.16	266	181001	44.83	nq	98
70) Phenanthrene	11.37	178	1338179	36.12	nq	100
71) Anthracene	11.43	178	1625880	42.63	nq	99
72) Carbazole	11.58	167	1526480	40.42	nq	100
73) Di-n-butylphthalate	11.92	149	1745778	42.95	nq	99
74) Fluoranthene	12.56	202	1592773	41.83	nq	95
76) Benzidine	12.68	184	820032	39.37	nq	98
77) Pyrene	12.78	202	1541392	39.01	nq	99
79) Butylbenzylphthalate	13.41	149	671894	38.05	nq	# 77
80) Benzo(a)anthracene	13.97	228	1209594	40.68	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	450371	40.19	nq	# 97
82) Chrysene	14.00	228	1032375	34.75	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	900357	42.33	nq	# 97
84) Di-n-octyl phthalate	14.59	149	1665457	42.92	nq	100
85) Indeno(1,2,3-cd)pyrene	16.75	276	929235	38.19	nq	99
87) Benzo(b)fluoranthene	14.99	252	1075779	36.78	nq	99
88) Benzo(k)fluoranthene	14.99	252	1075779	49.82	nq	# 95
89) Benzo(a)pyrene	15.33	252	993034	41.87	nq	99
90) Dibenzo(a,h)anthracene	16.77	278	804474	40.85	nq	98
91) Benzo(g,h,i)perylene	17.16	276	789866	40.41	nq	98

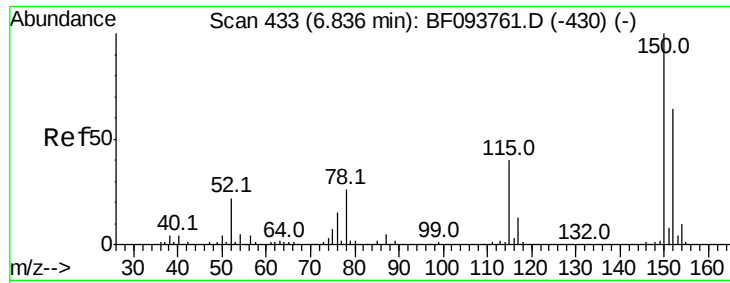
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

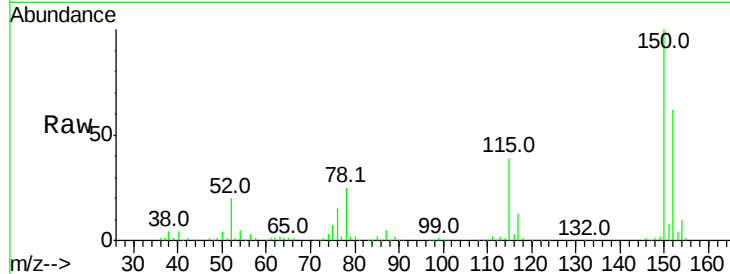
Tot Ion:152 Resp: 219006

Ion Ratio Lower Upper

152 100

150 161.1 126.2 189.2

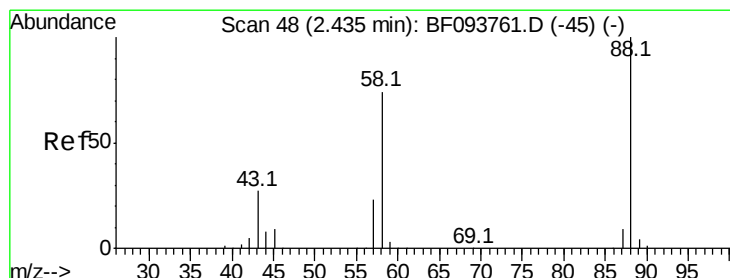
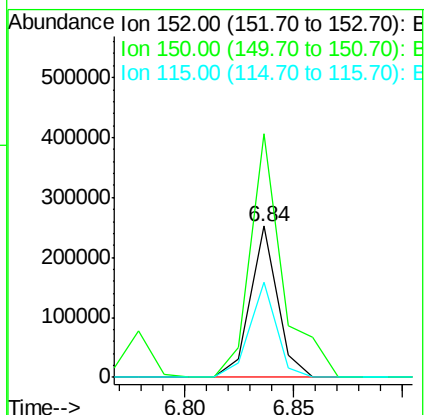
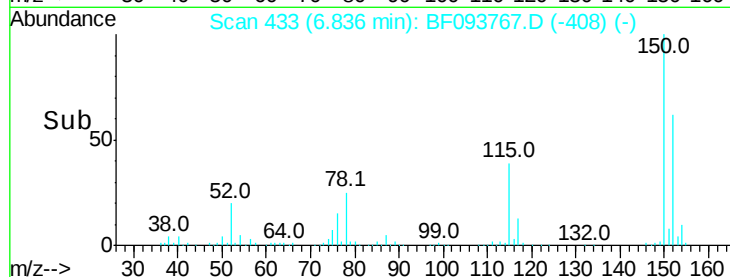
115 63.0 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.12 ng

RT: 2.44 min Scan# 48

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

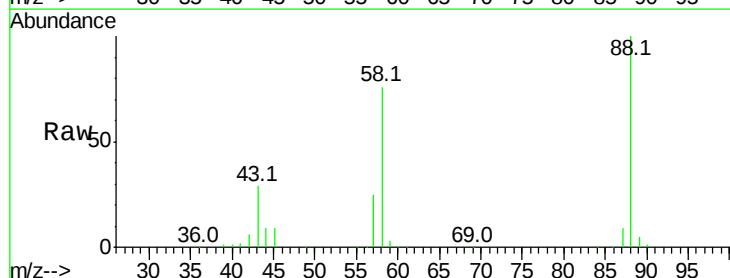
Tgt Ion: 88 Resp: 260961

Ion Ratio Lower Upper

88 100

58 74.1 61.4 92.0

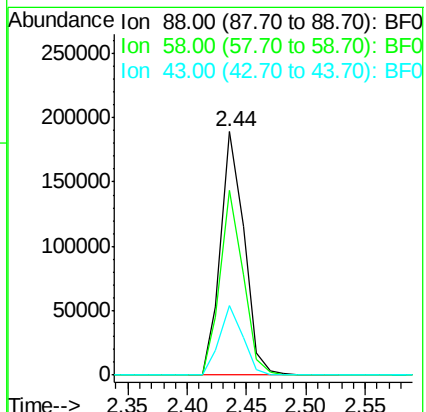
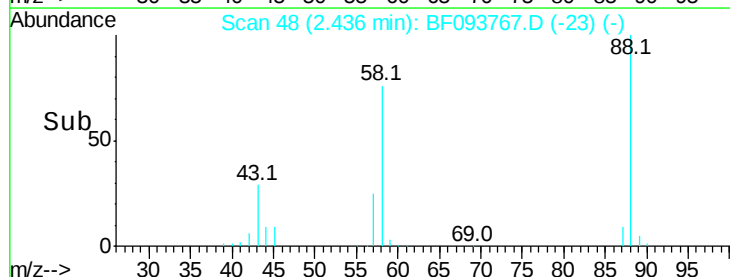
43 28.1 23.4 35.0

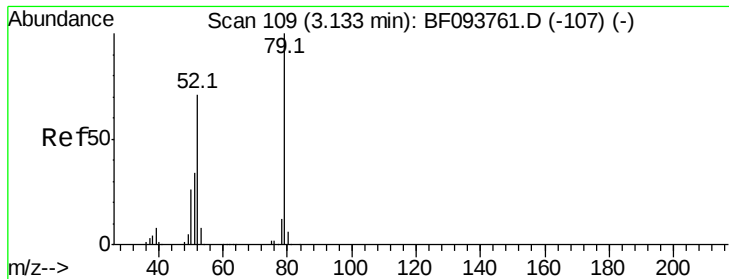


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



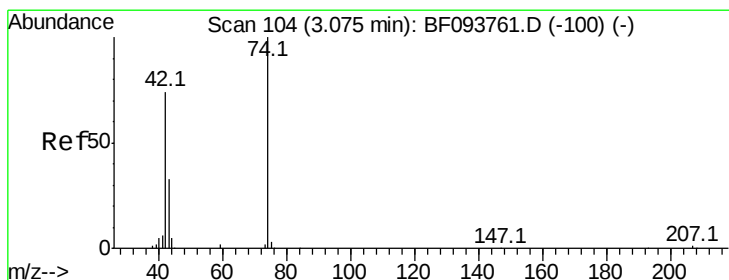
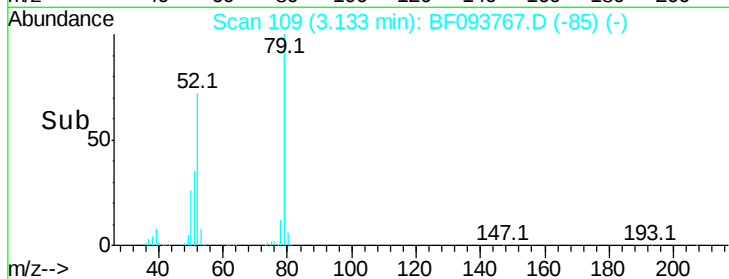
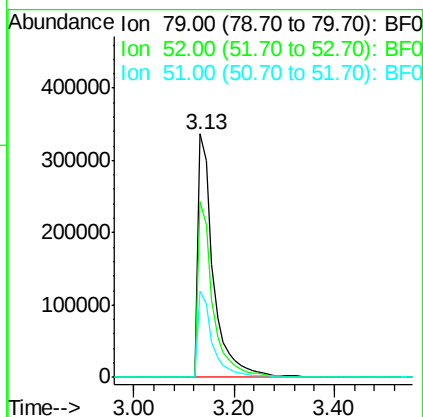
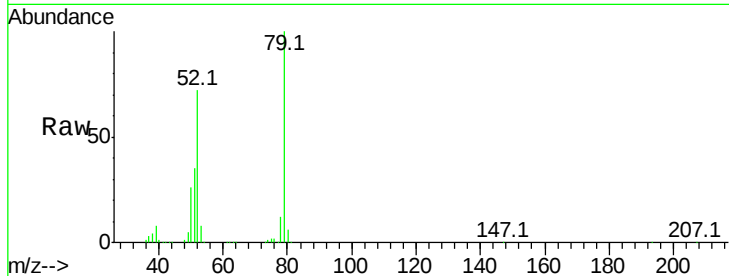


#3
 Pvridine
 Concen: 42.41 ng
 RT: 3.13 min Scan# 109
 Delta R.T. -0.02 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 79 Resp: 721097

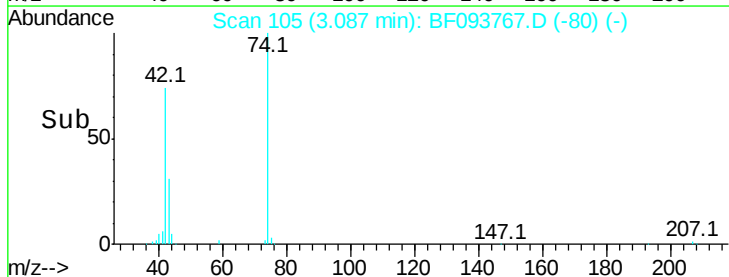
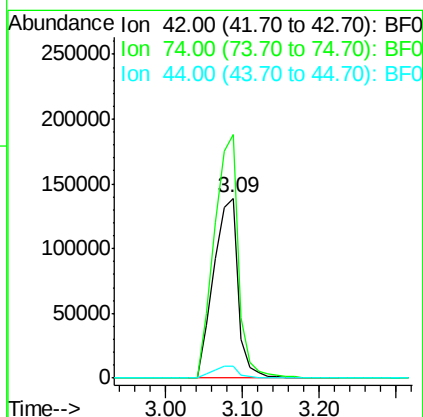
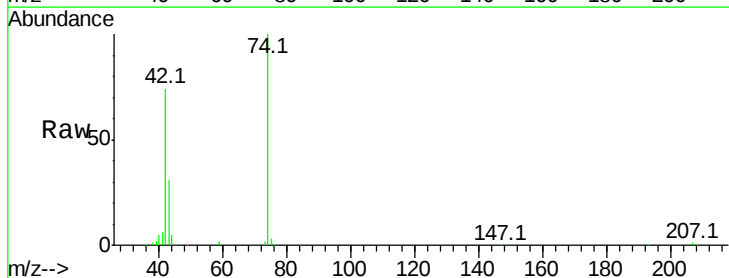
Ion	Ratio	Lower	Upper
79	100		
52	72.2	54.8	82.2
51	35.2	27.0	40.4

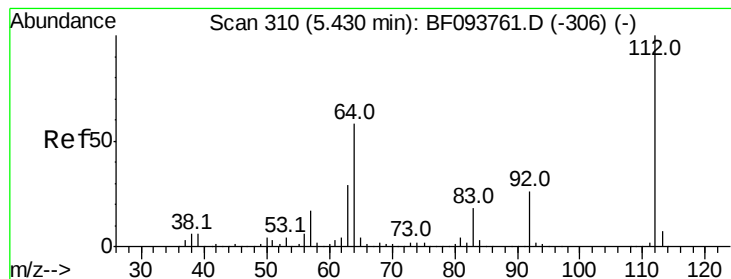


#4
 n-Nitrosodimethylamine
 Concen: 42.25 ng
 RT: 3.09 min Scan# 105
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Tgt Ion: 42 Resp: 309765

Ion	Ratio	Lower	Upper
42	100		
74	135.4	103.9	155.9
44	6.5	5.7	8.5

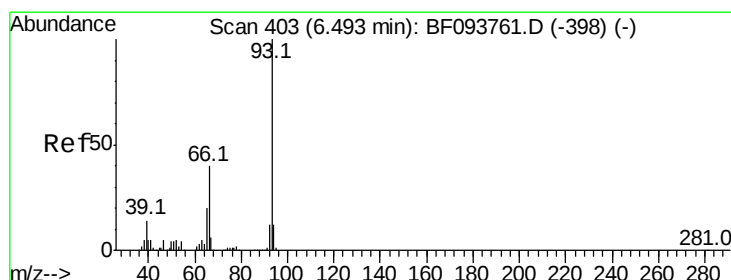
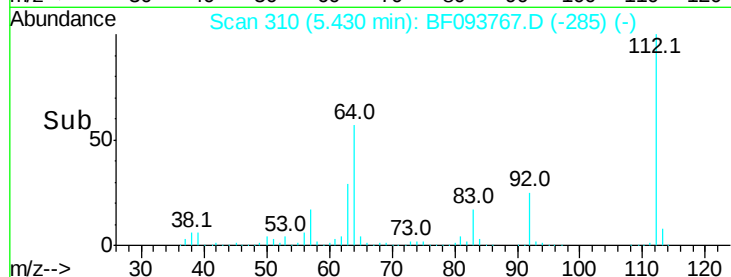
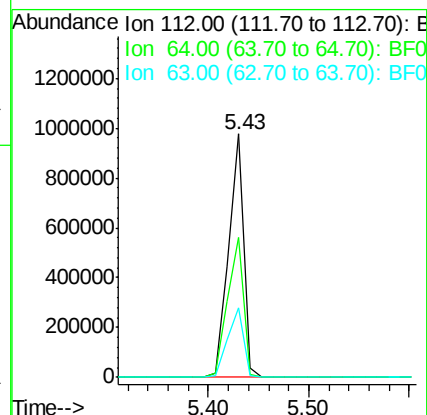
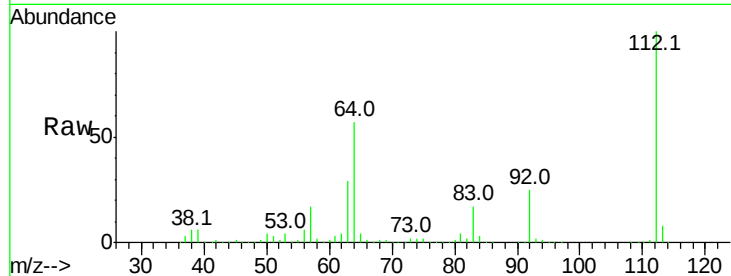




#5
 2-Fluorophenol
 Concen: 81.10 ng
 RT: 5.43 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

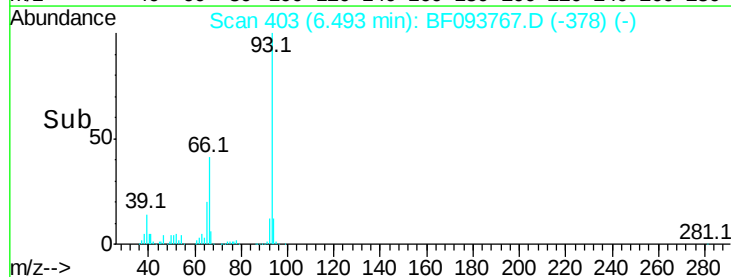
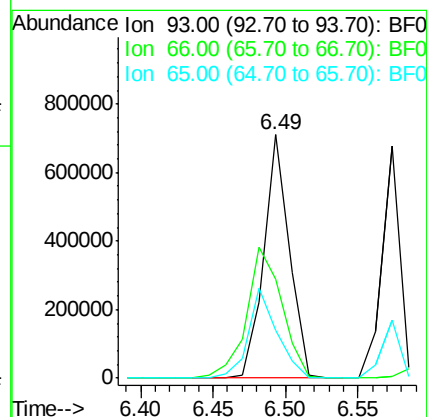
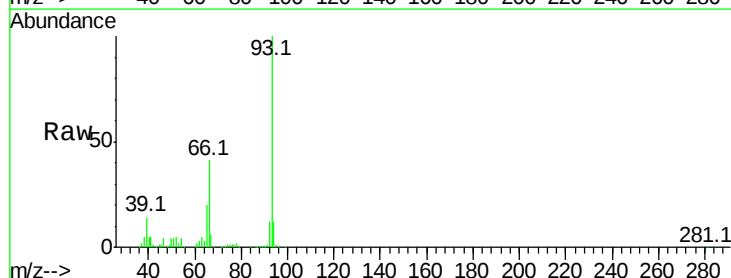
Instrument :
 BNA_F
 ClientSampleId :
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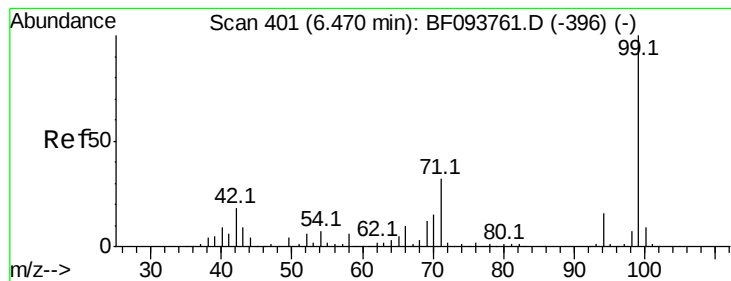
Tot Ion:112 Resp: 1015669
 Ion Ratio Lower Upper
 112 100
 64 57.4 46.0 69.0
 63 28.6 23.4 35.0



#6
 Aniline
 Concen: 40.10 ng
 RT: 6.49 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Tgt Ion: 93 Resp: 867777
 Ion Ratio Lower Upper
 93 100
 66 40.7 32.9 49.3
 65 19.8 16.0 24.0





#7

Phenol-d6

Concen: 81.53 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

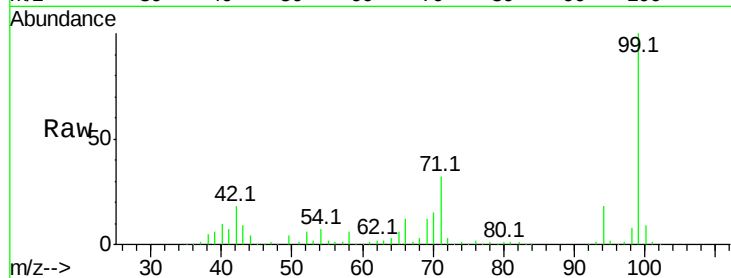
Tot Ion: 99 Resp: 1261675

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.5	20.3
71	32.3	24.5	36.7

99 100

42 18.2 13.5 20.3

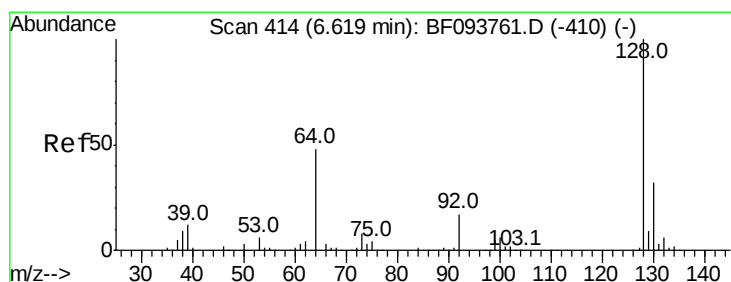
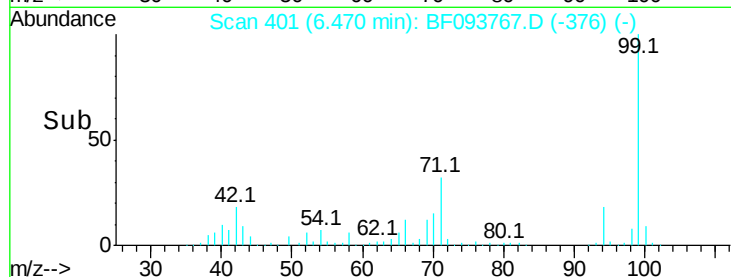
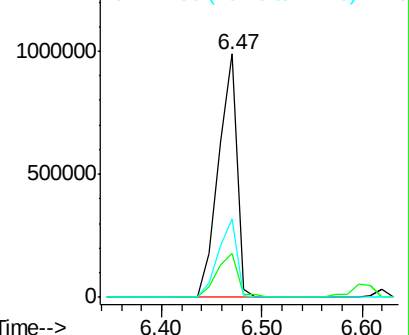
71 32.3 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.27 ng

RT: 6.62 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

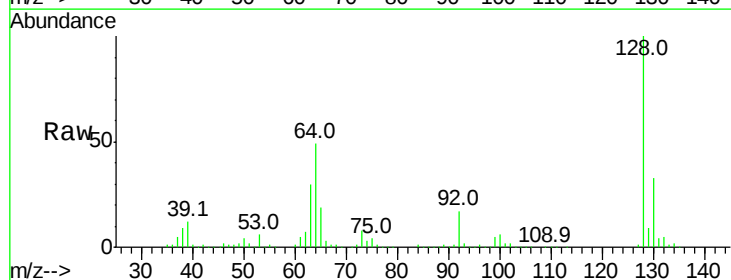
Tgt Ion:128 Resp: 554720

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	49.2	28.4	68.4

128 100

130 32.6 12.9 52.9

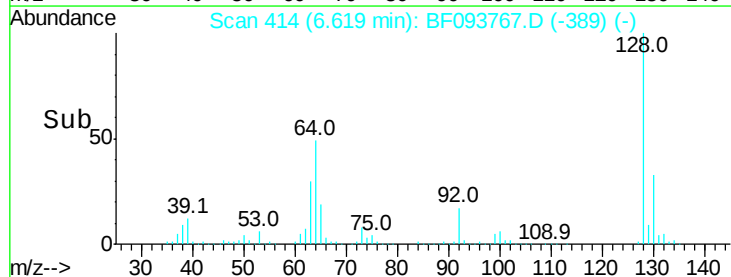
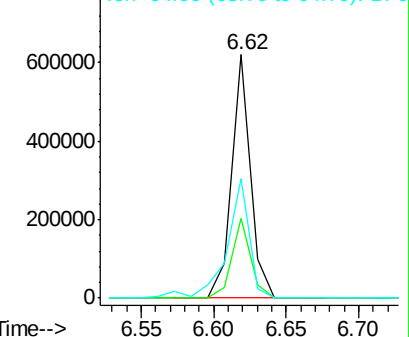
64 49.2 28.4 68.4

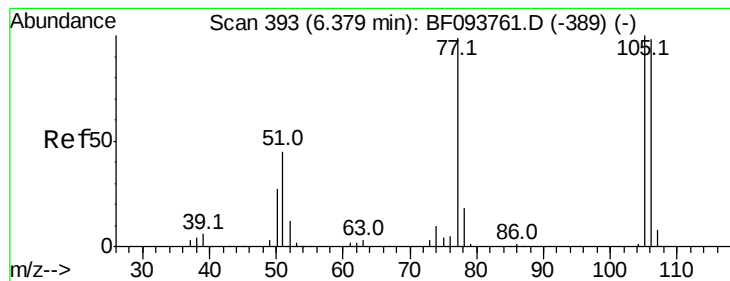


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 41.35 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.01 min

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Acq: 20 Mar 2017 16:20

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SSTDCCC040

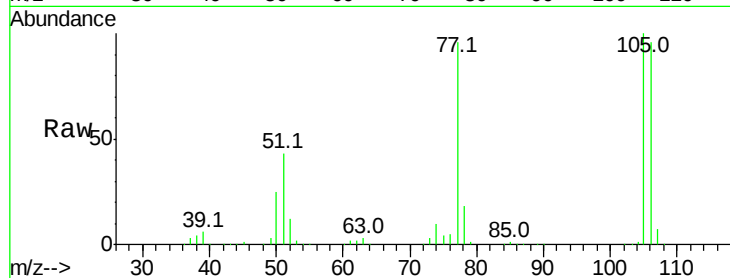
Tot Ion: 77 Resp: 452331

Ion Ratio Lower Upper

77 100

105 103.7 83.8 123.8

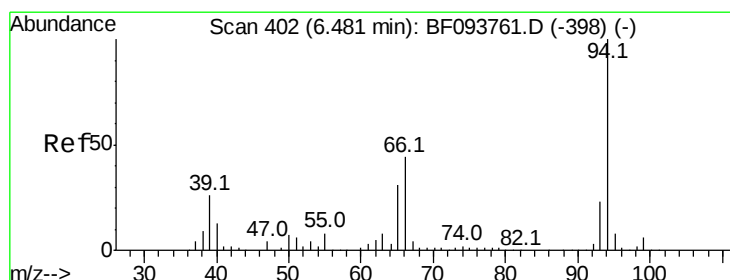
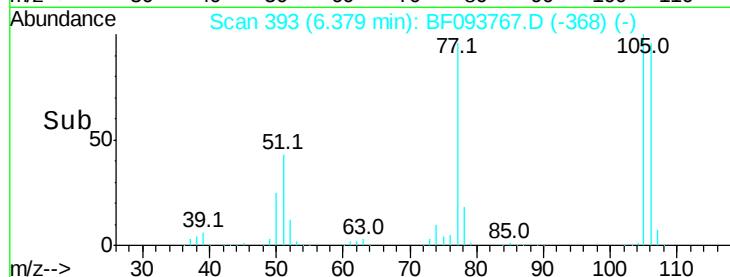
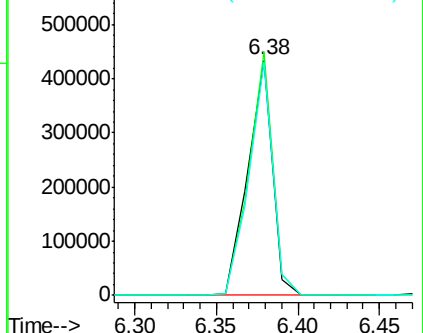
106 99.5 79.1 119.1



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: 46.06 ng

RT: 6.48 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

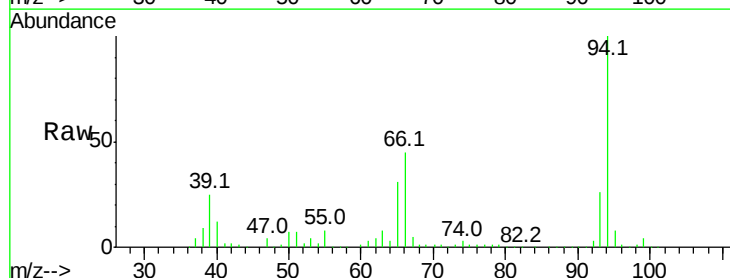
Tgt Ion: 94 Resp: 801266

Ion Ratio Lower Upper

94 100

65 31.2 9.9 49.9

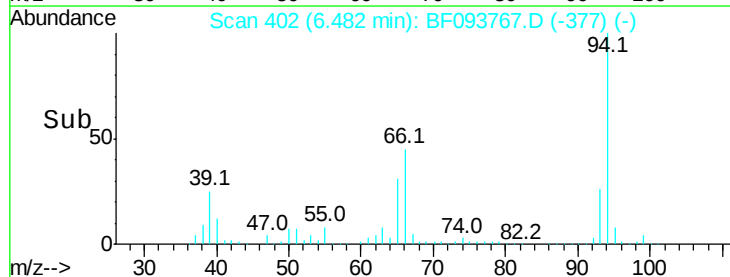
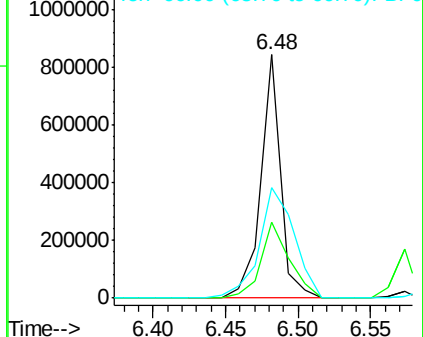
66 45.4 23.1 63.1

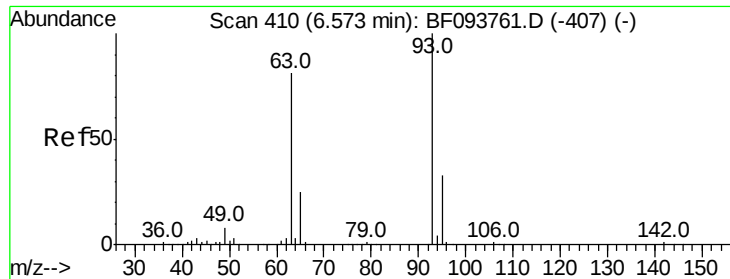


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

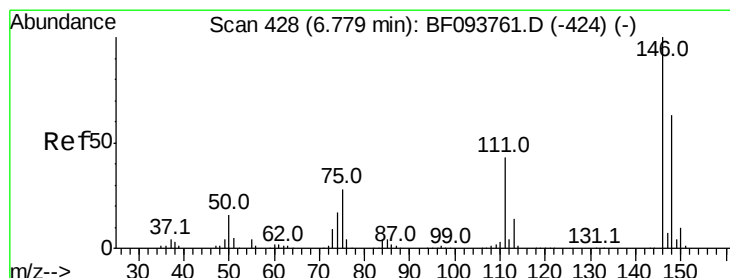
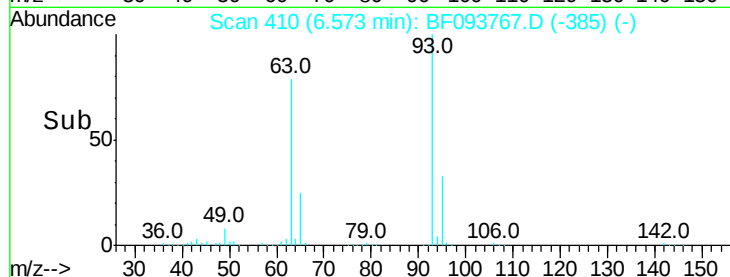
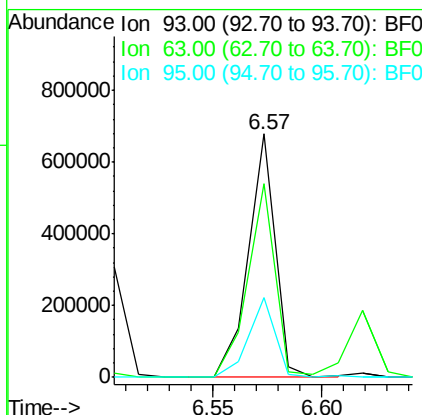
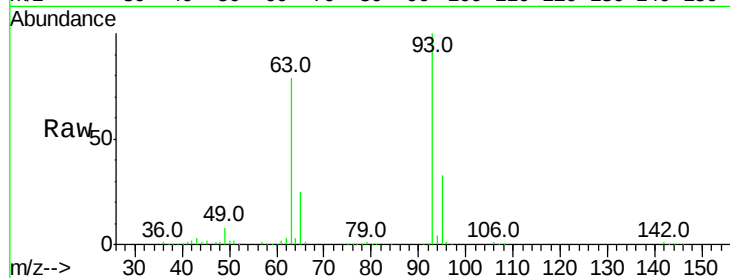




#11
bis(2-Chloroethyl)ether
Concen: 40.88 ng
RT: 6.57 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

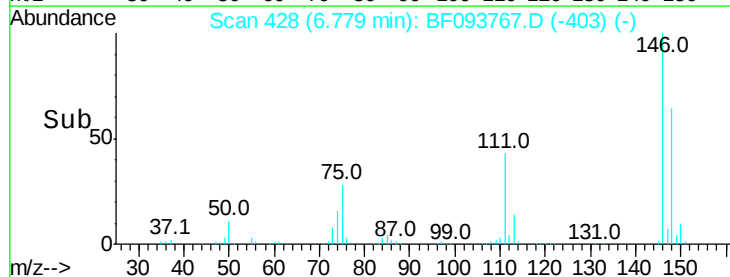
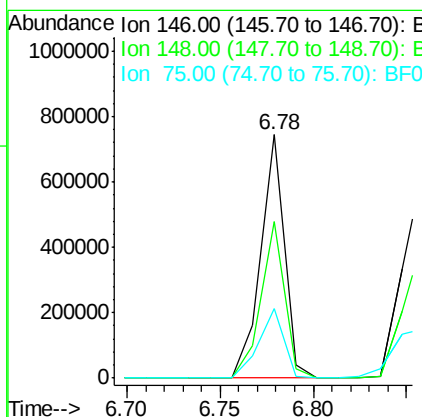
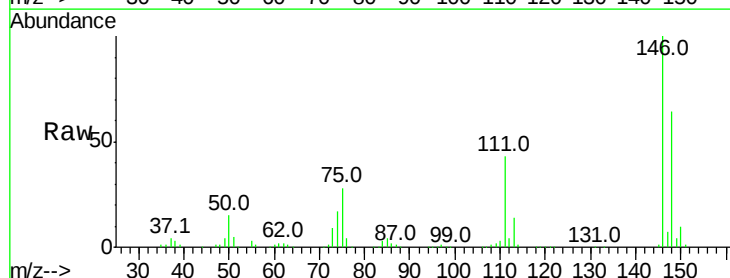
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

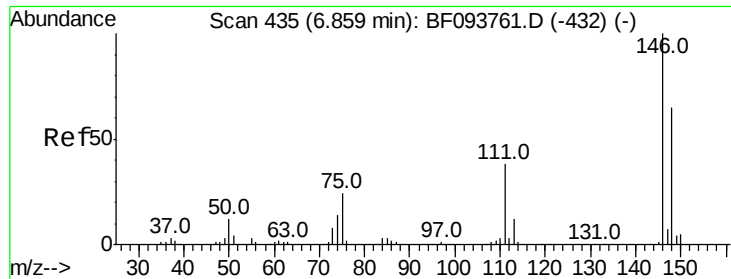
Tot Ion: 93 Resp: 577367
Ion Ratio Lower Upper
93 100
63 79.5 59.2 99.2
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.58 ng
RT: 6.78 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion: 146 Resp: 649587
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.6
75 28.4 23.1 34.7

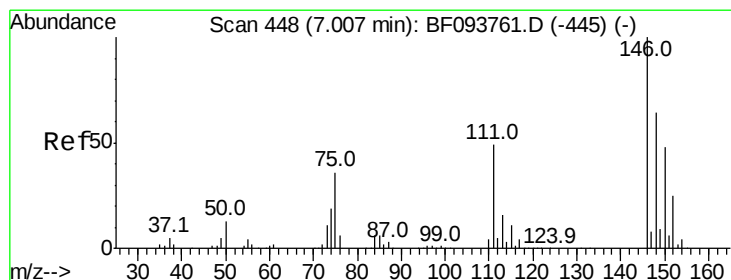
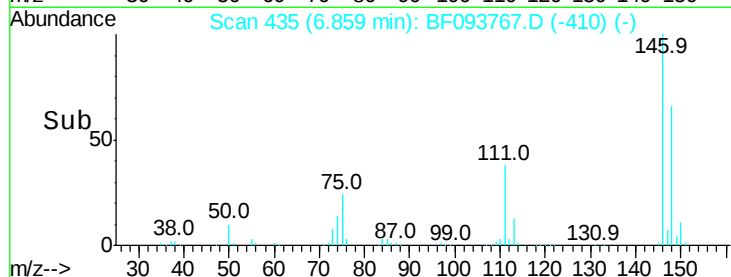
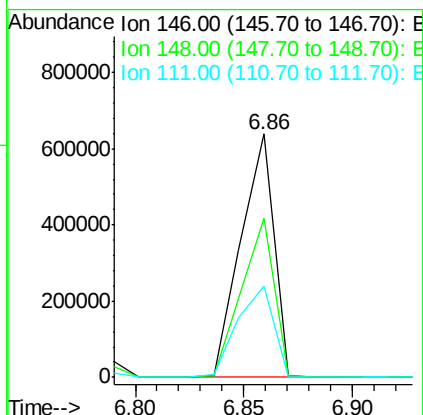
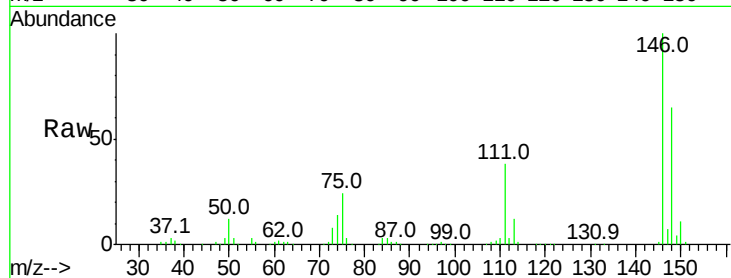




#13
 1,4-Dichlorobenzene
 Concen: 42.26 ng
 RT: 6.86 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

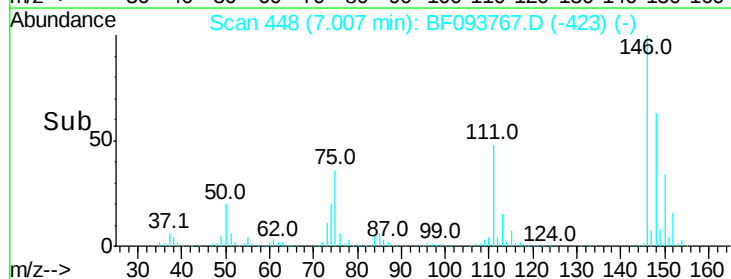
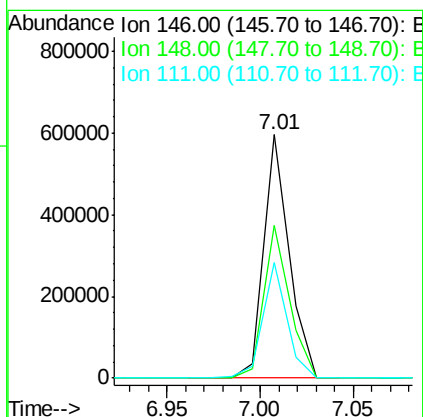
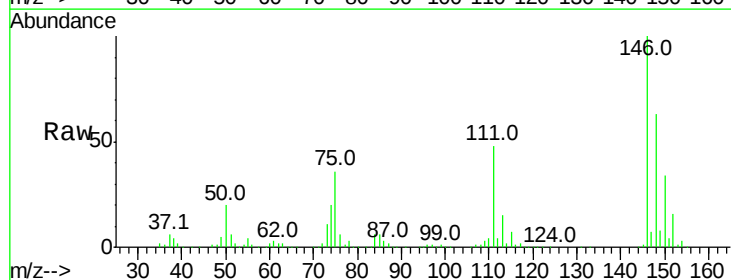
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

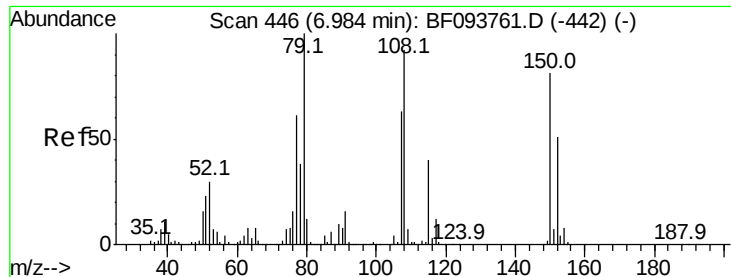
Tot Ion:146 Resp: 673573
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.2 78.2
 111 37.7 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 37.89 ng
 RT: 7.01 min Scan# 448
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Tgt Ion:146 Resp: 553914
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.4 75.6
 111 47.7 38.2 57.4





#15

Benzyl Alcohol

Concen: 40.69 ng

RT: 6.97 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

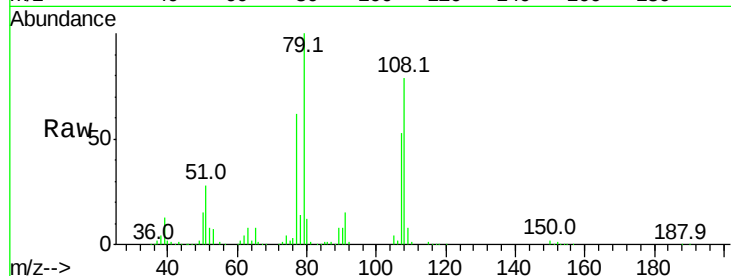
Tot Ion: 79 Resp: 466601

Ion Ratio Lower Upper

79 100

108 78.9 63.4 95.0

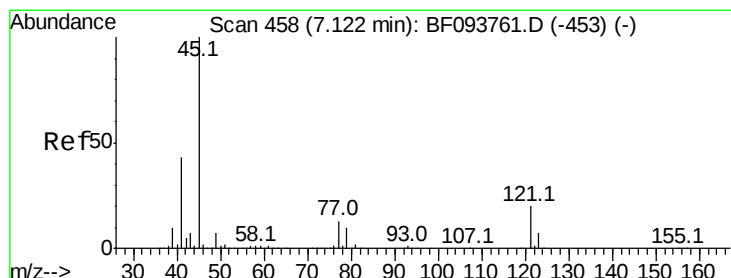
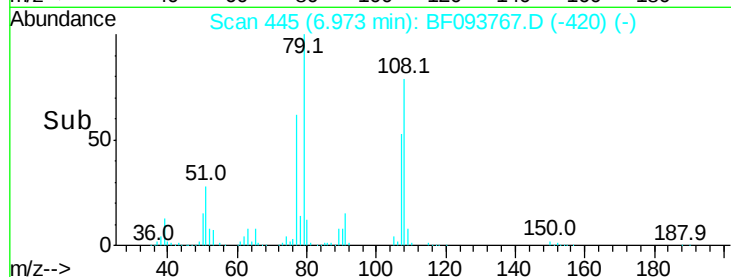
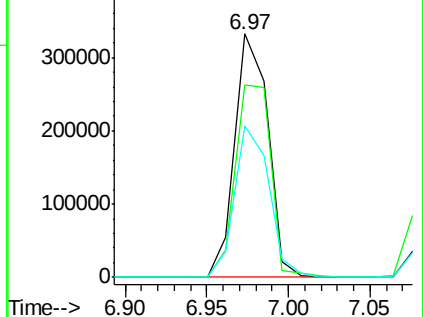
77 62.1 49.2 73.8



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: 39.58 ng

RT: 7.12 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

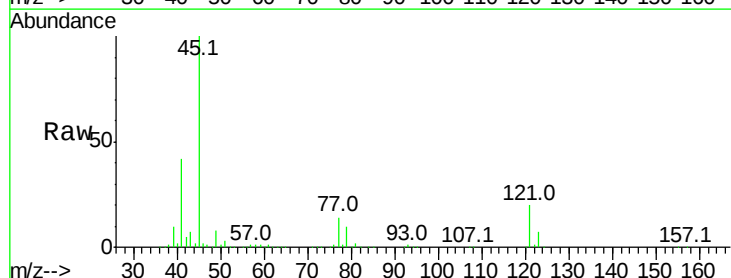
Tgt Ion: 45 Resp: 888902

Ion Ratio Lower Upper

45 100

77 13.5 0.0 33.2

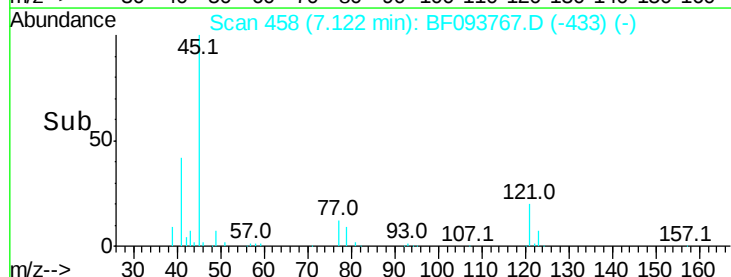
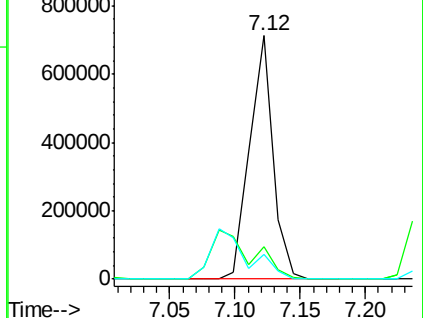
79 10.2 0.0 30.0

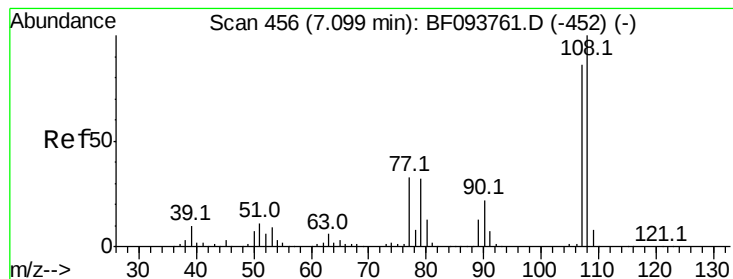


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.97 ng

RT: 7.09 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 507401

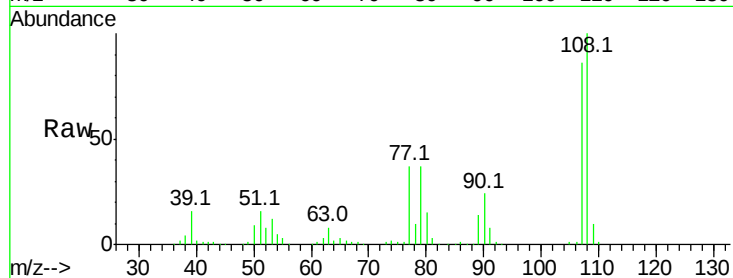
Ion Ratio Lower Upper

107 100

108 115.9 93.4 140.0

77 43.1 35.8 53.6

79 43.4 34.8 52.2

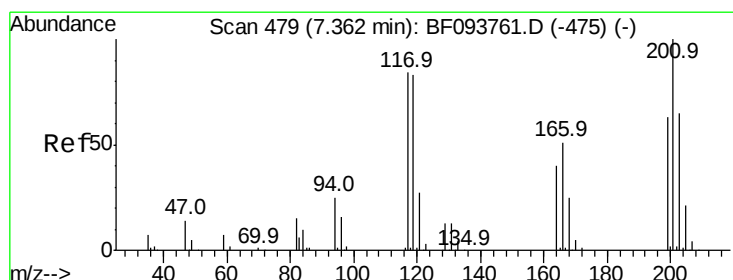
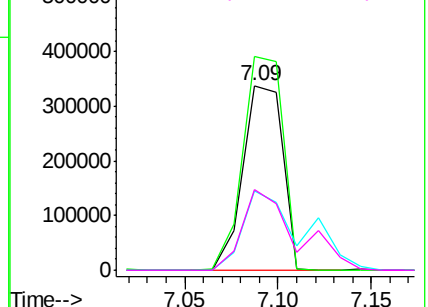
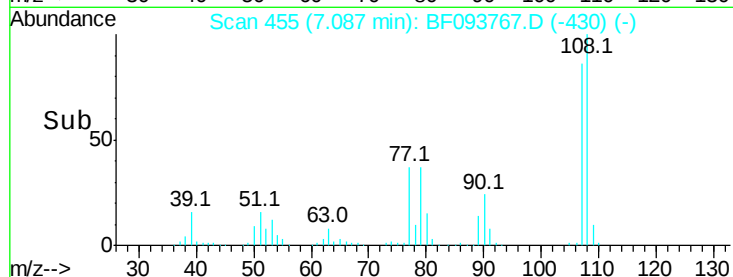


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.56 ng

RT: 7.35 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

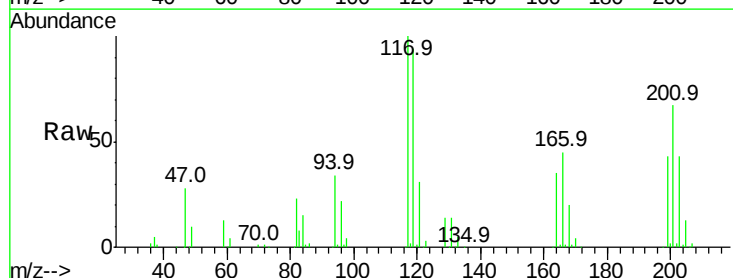
Tgt Ion:117 Resp: 234830

Ion Ratio Lower Upper

117 100

119 93.8 77.4 116.0

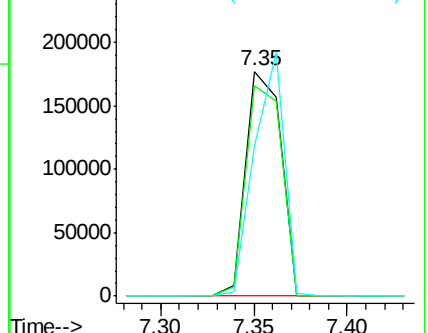
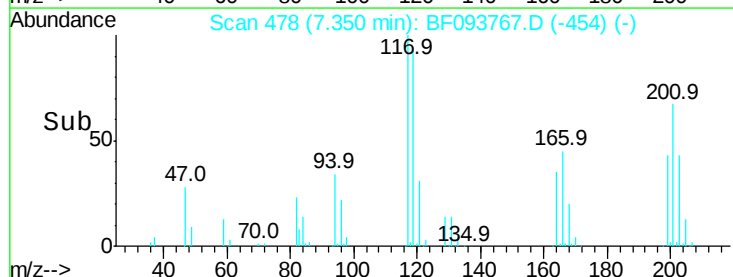
201 67.1 94.6 141.8#

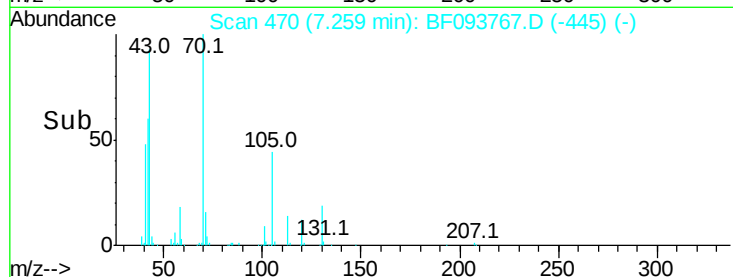
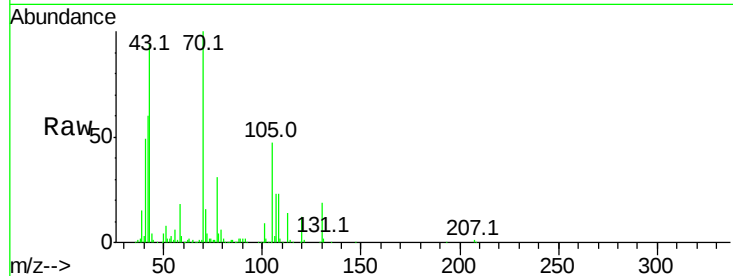
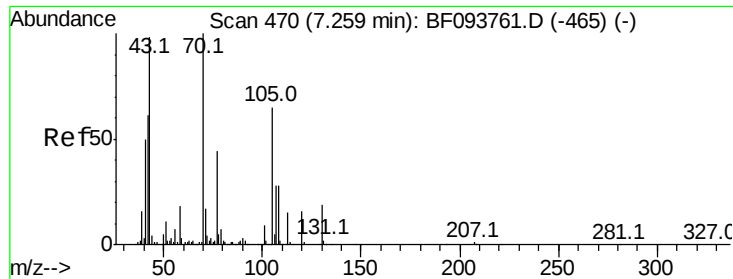


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

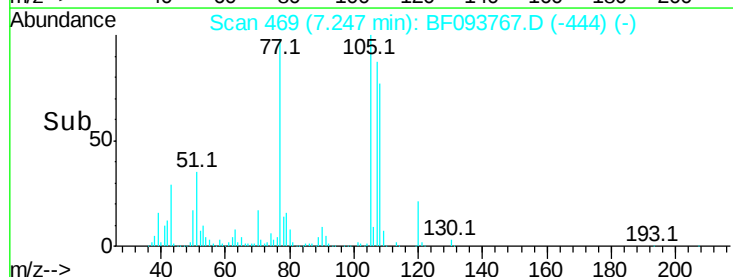
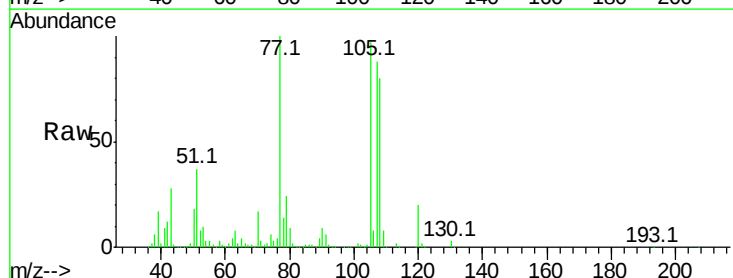
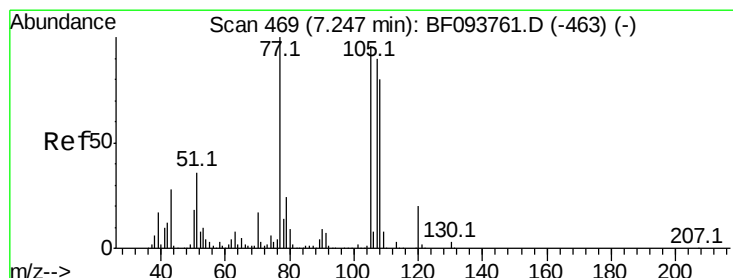
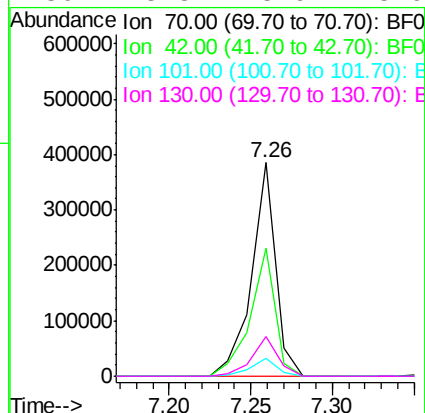




#19
n-Nitroso-di-n-propylamine
Concen: 39.01 ng
RT: 7.26 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

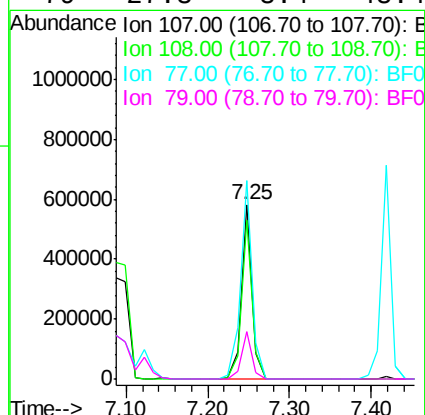
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

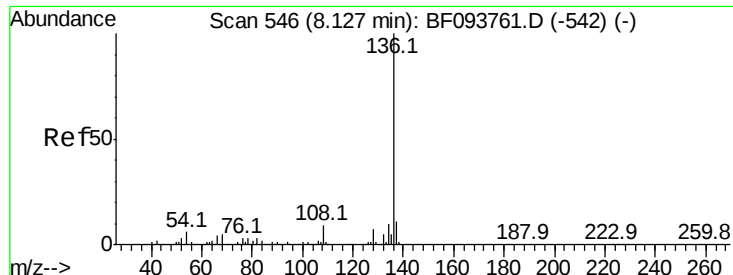
Tot Ion:	70	Resp:	395511
Ion	Ratio	Lower	Upper
70	100		
42	59.9	47.2	70.8
101	8.6	7.2	10.8
130	18.8	15.9	23.9



#20
3+4-Methylphenols
Concen: 36.93 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion:	107	Resp:	528621
Ion	Ratio	Lower	Upper
107	100		
108	90.8	71.0	111.0
77	113.7	90.5	130.5
79	27.3	8.4	48.4

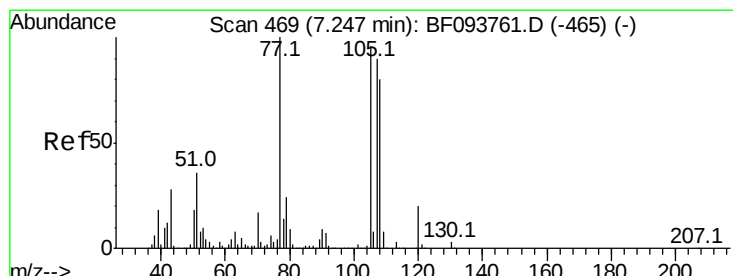
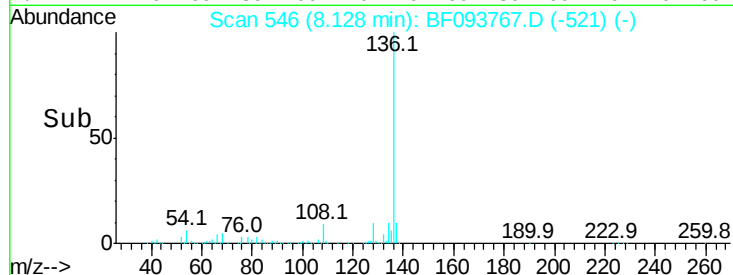
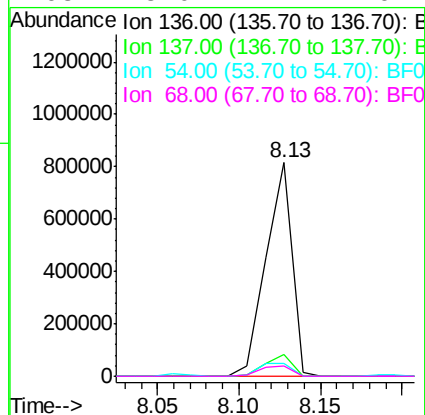
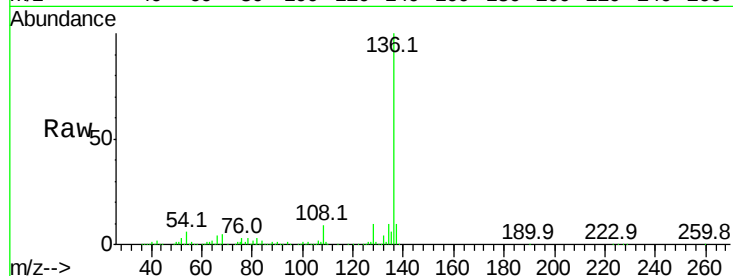




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

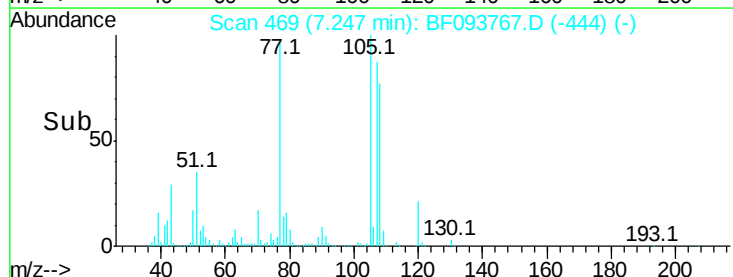
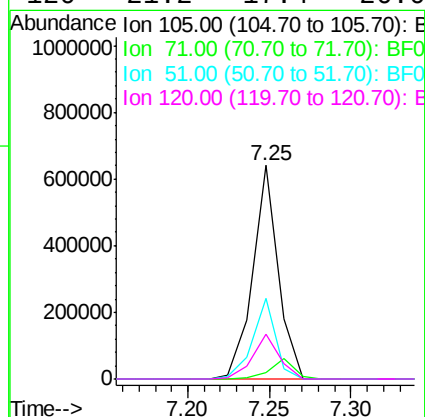
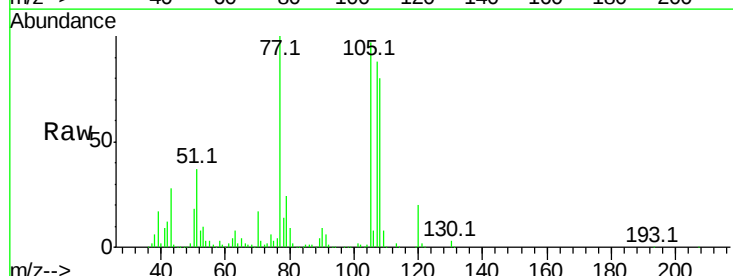
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

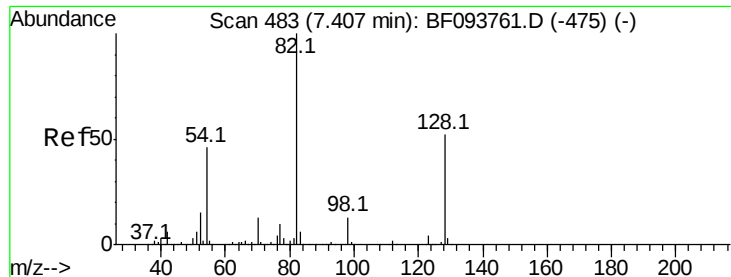
Tot Ion:136	Resp: 909726
Ion Ratio	Lower Upper
136 100	
137 10.4	8.5 12.7
54 6.0	4.9 7.3
68 5.0	4.1 6.1



#22
Acetophenone
Concen: 35.19 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion	Ion:105	Resp:	693092
Ion	Ratio	Lower	Upper
105	100		
71	3.0	2.8	4.2
51	37.9	30.7	46.1
120	21.2	17.4	26.0

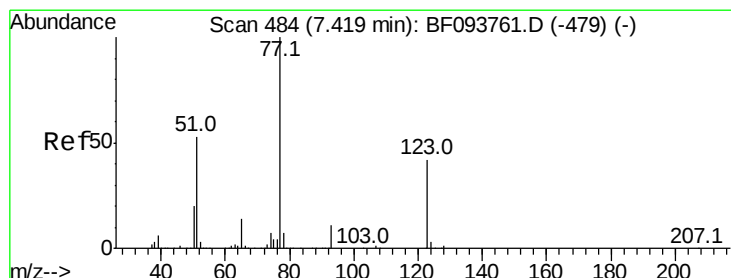
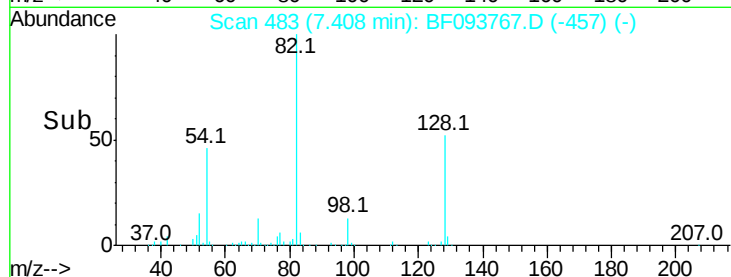
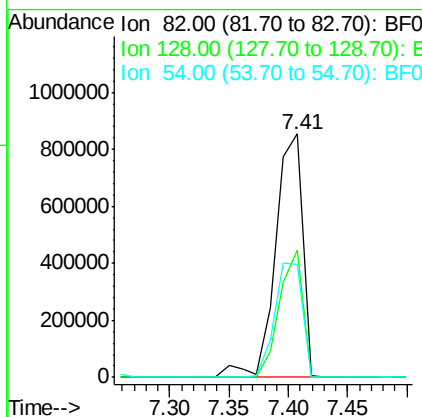
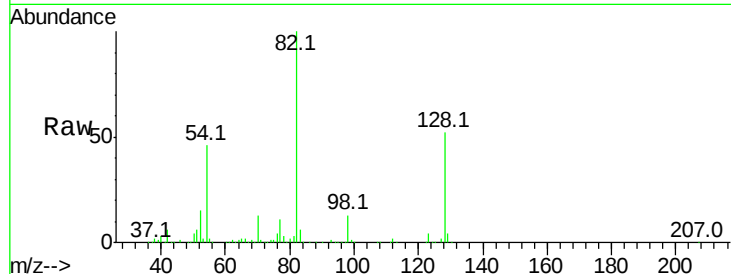




#23
 Nitrobenzene-d5
 Concen: 83.74 ng
 RT: 7.41 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

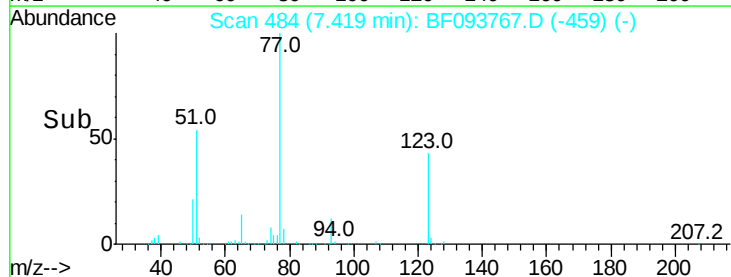
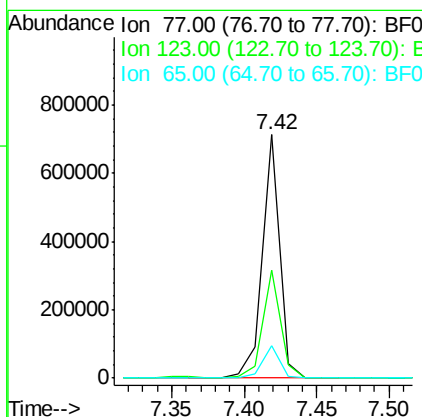
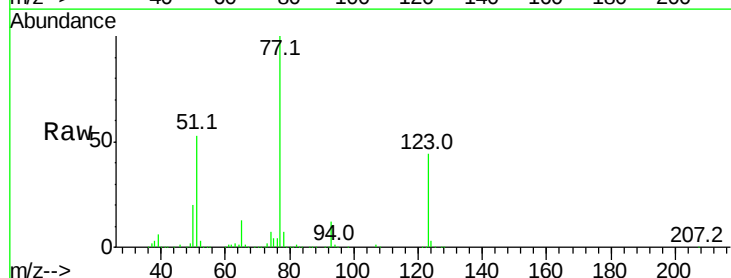
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

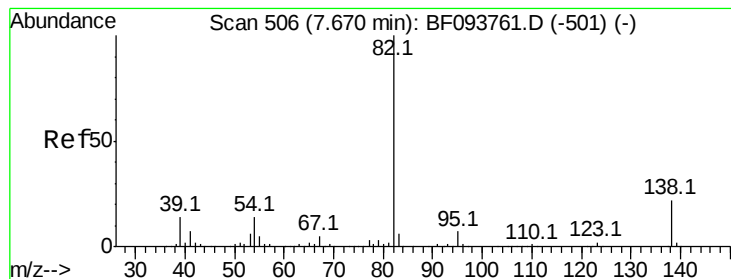
Tot Ion: 82 Resp: 1342974
 Ion Ratio Lower Upper
 82 100
 128 52.2 34.0 51.0#
 54 46.2 42.2 63.2



#24
 Nitrobenzene
 Concen: 38.69 ng
 RT: 7.42 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Tgt Ion: 77 Resp: 592744
 Ion Ratio Lower Upper
 77 100
 123 44.2 35.8 53.8
 65 13.4 10.6 15.8





#25

Isophorone

Concen: 39.33 ng

RT: 7.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

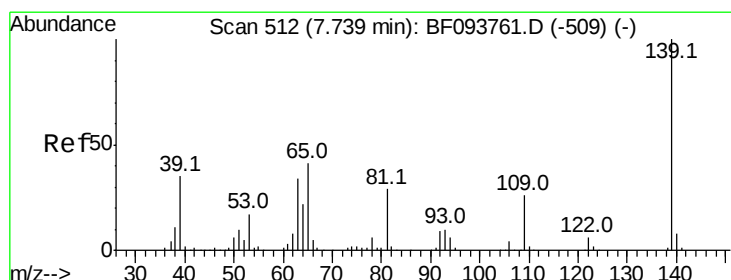
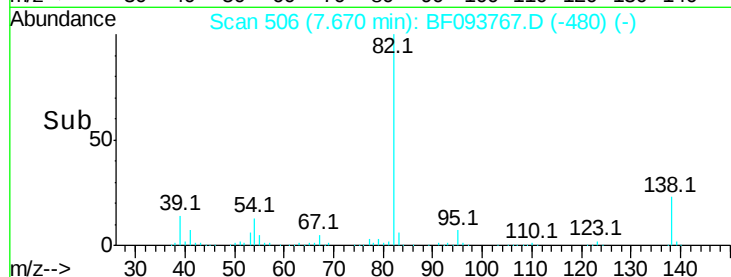
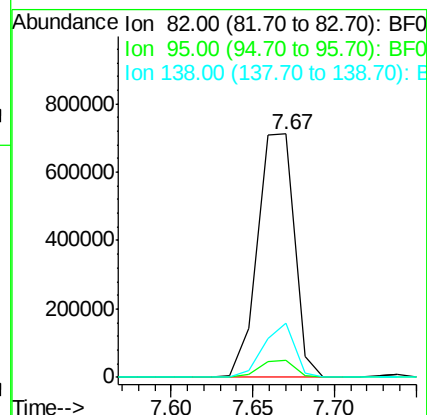
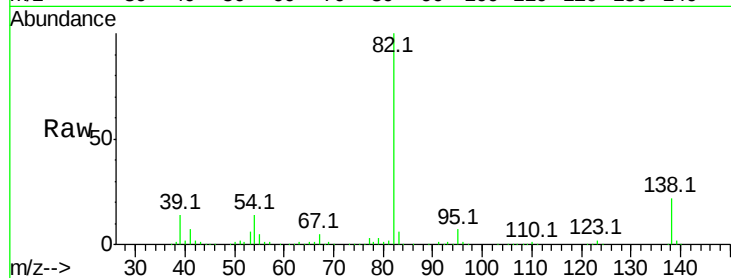
Tot Ion: 82 Resp: 1117358

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 22.4 13.1 19.7#



#26

2-Nitrophenol

Concen: 46.23 ng

RT: 7.74 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

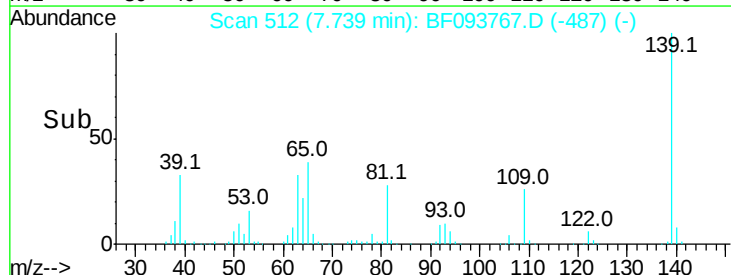
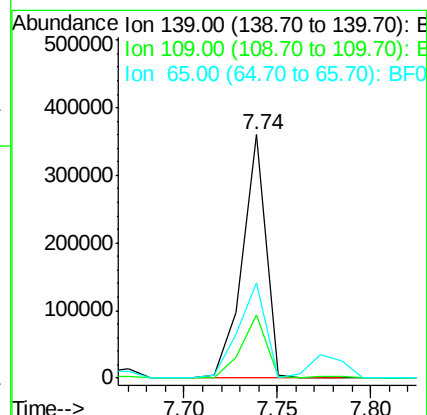
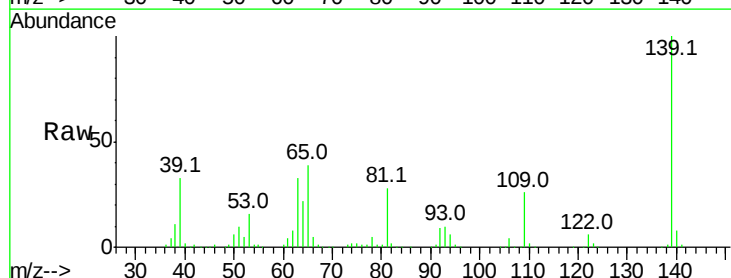
Tgt Ion:139 Resp: 320280

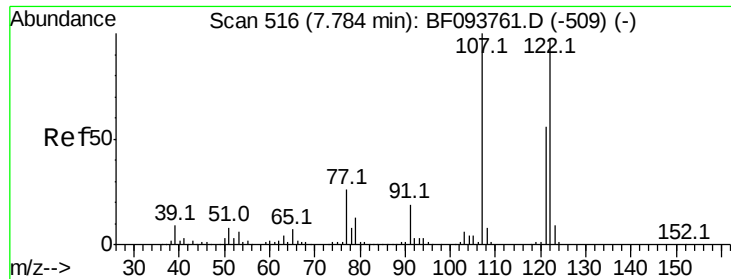
Ion Ratio Lower Upper

139 100

109 25.7 21.0 31.6

65 39.0 33.0 49.6

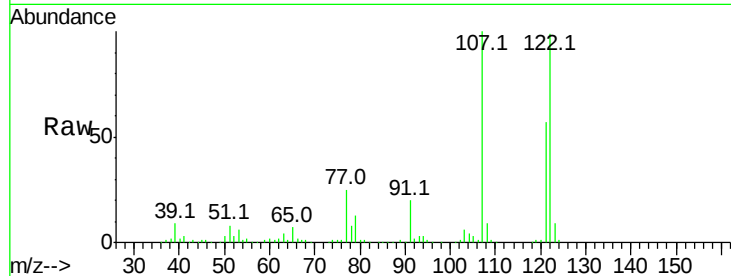




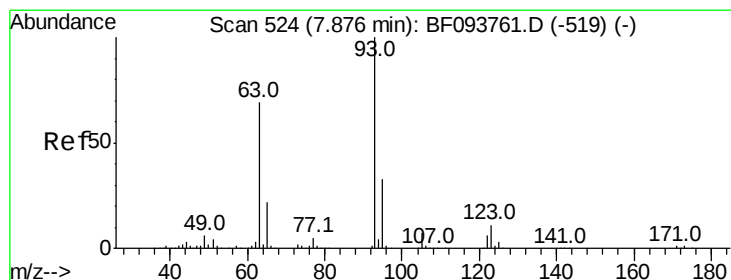
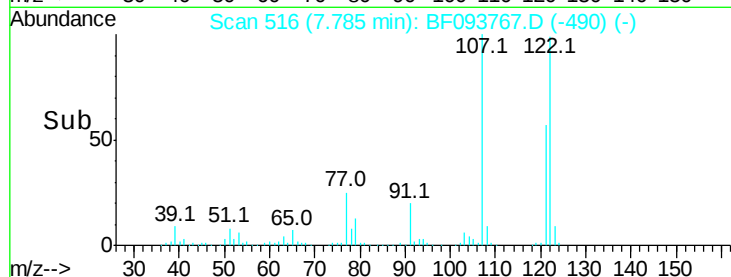
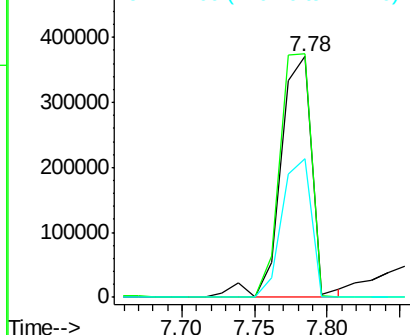
#27
2,4-Dimethylphenol
Concen: 38.85 ng
RT: 7.78 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:122 Resp: 553582
Ion Ratio Lower Upper
122 100
107 101.2 89.2 133.8
121 57.5 45.2 67.8

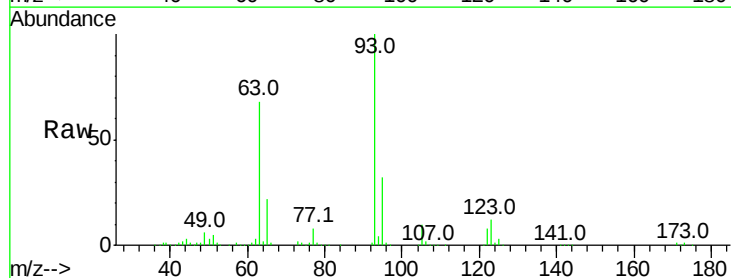


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

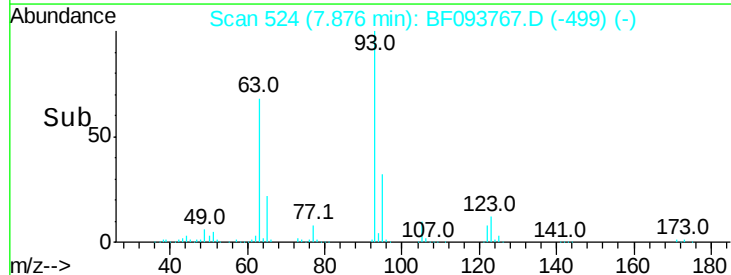
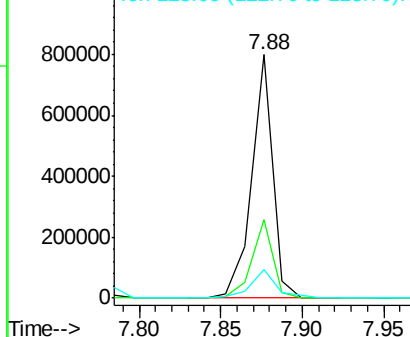


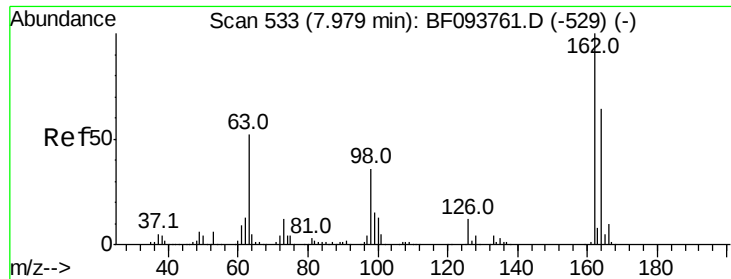
#28
bis(2-Chloroethoxy)methane
Concen: 38.95 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion: 93 Resp: 711948
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 11.8 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.85 ng

RT: 7.98 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

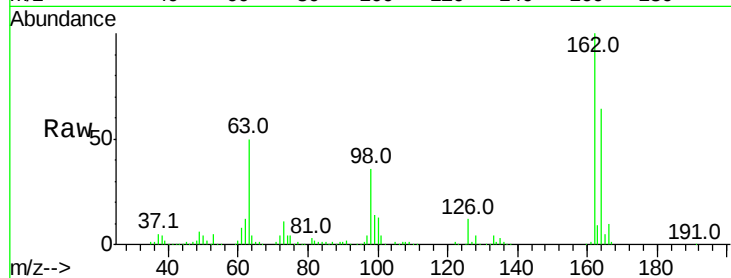
Tot Ion:162 Resp: 495527

Ion Ratio Lower Upper

162 100

164 63.8 44.6 84.6

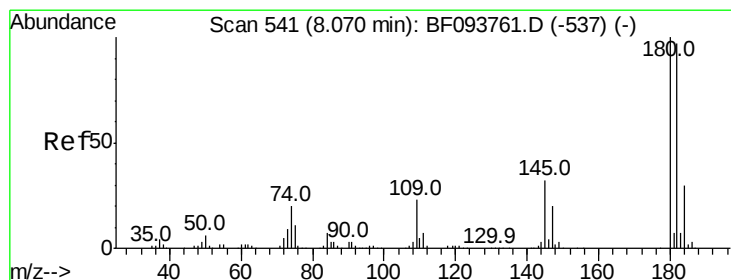
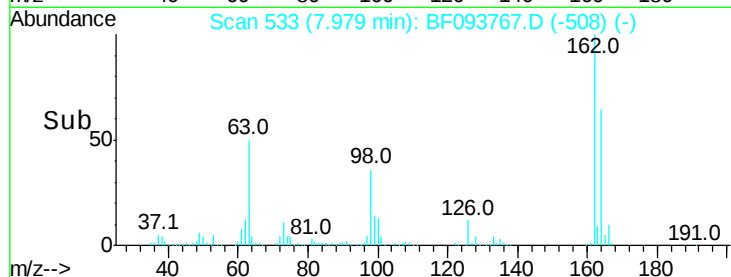
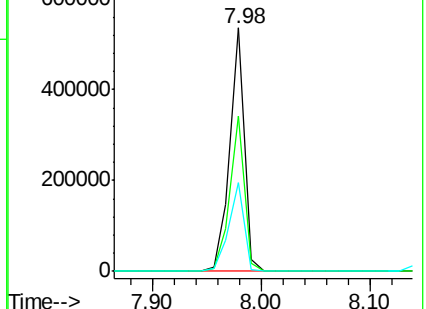
98 36.3 14.8 54.8



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: 40.95 ng

RT: 8.07 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

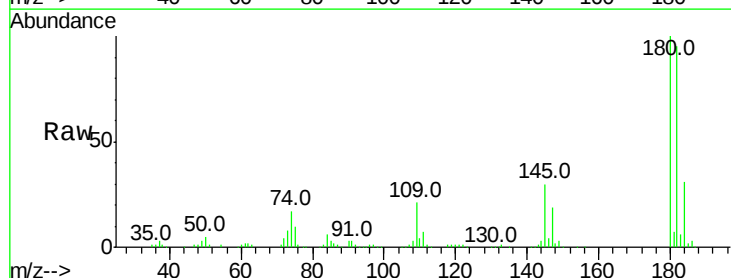
Tgt Ion:180 Resp: 515804

Ion Ratio Lower Upper

180 100

182 95.0 75.8 113.6

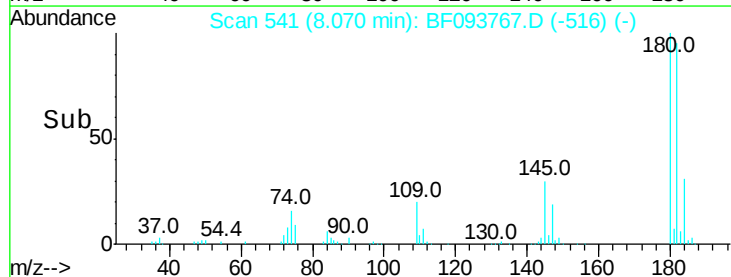
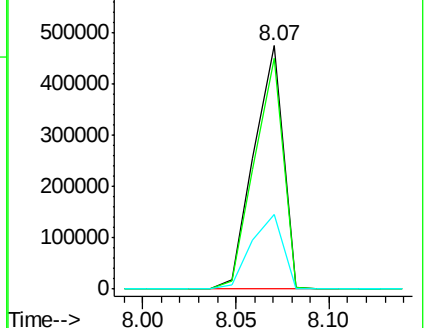
145 30.4 25.3 37.9

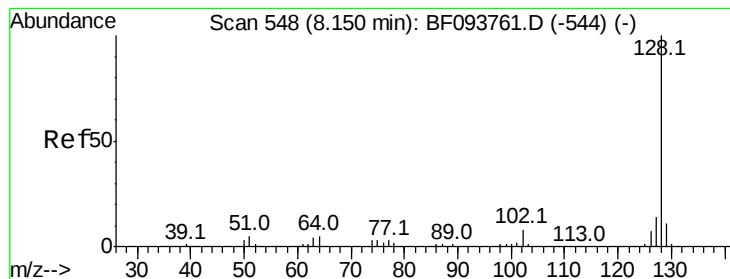


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.50 ng

RT: 8.15 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

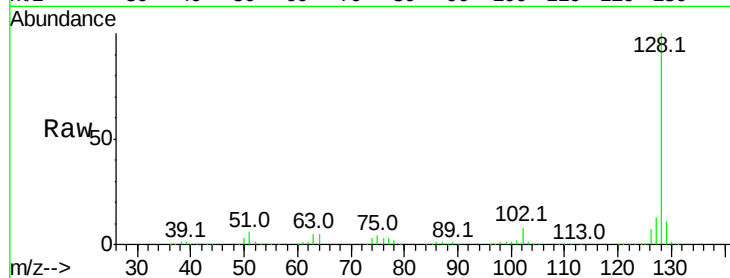
Tot Ion:128 Resp: 1752589

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

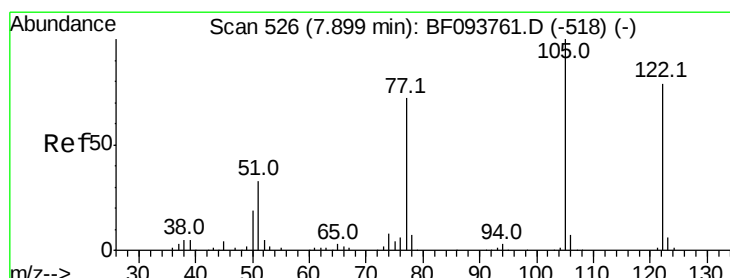
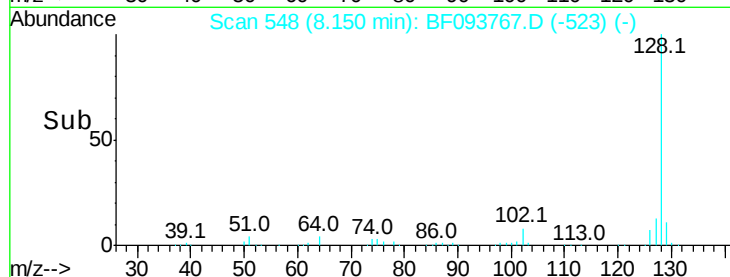
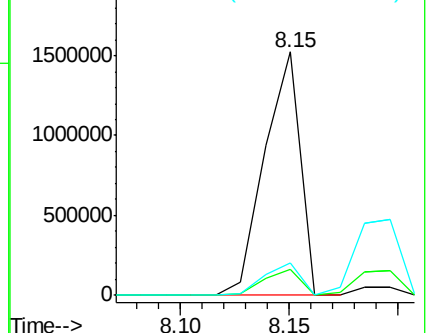
127 13.4 10.8 16.2



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: 41.29 ng

RT: 7.90 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

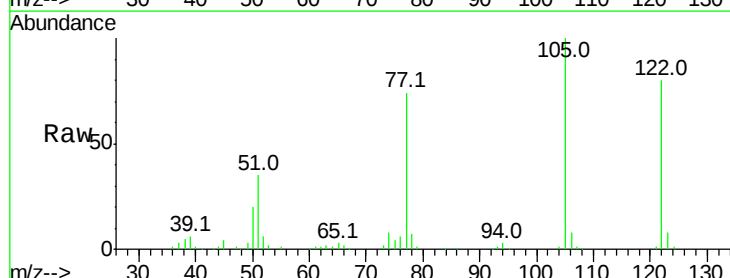
Tgt Ion:122 Resp: 365879

Ion Ratio Lower Upper

122 100

105 124.6 103.3 143.3

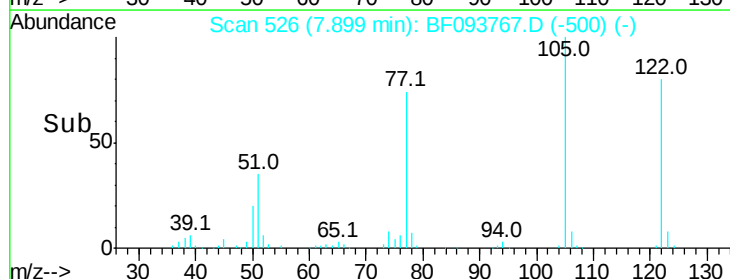
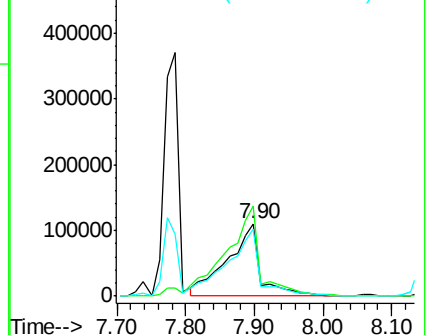
77 91.9 73.7 113.7

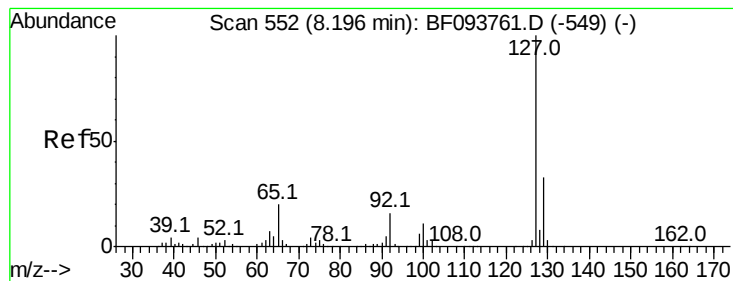


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 37.58 ng

RT: 8.20 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 681914

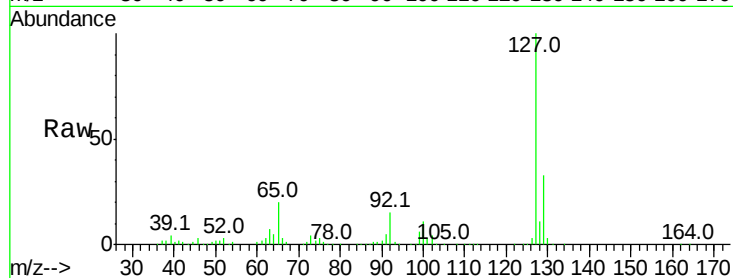
Ion Ratio Lower Upper

127 100

129 33.2 26.2 39.2

65 19.6 27.8 41.8#

92 15.4 16.8 25.2#

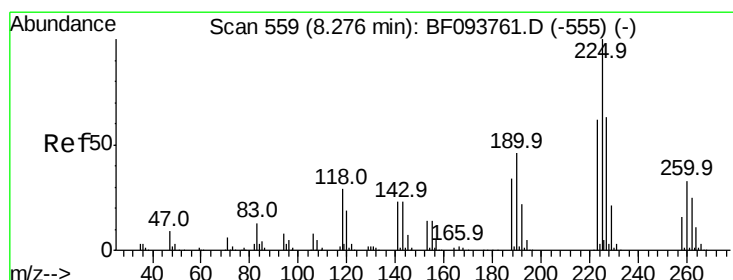
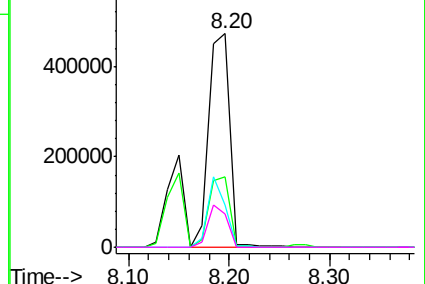
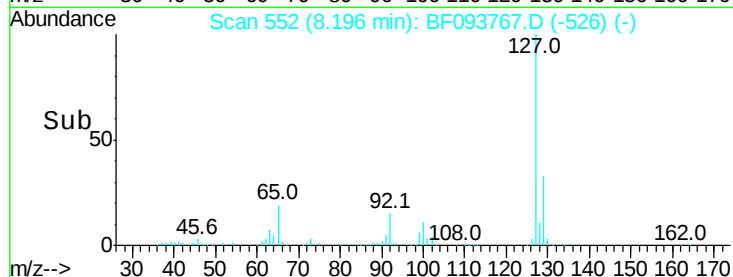


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.40 ng

RT: 8.28 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

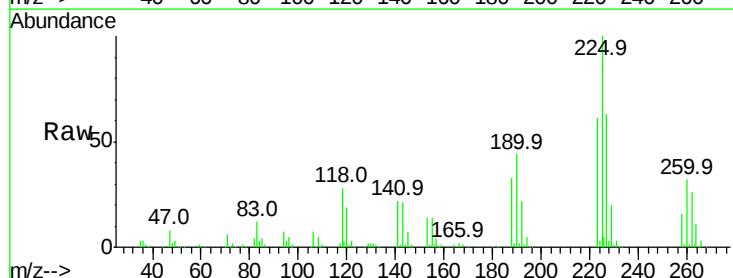
Tgt Ion:225 Resp: 267604

Ion Ratio Lower Upper

225 100

223 61.4 48.8 73.2

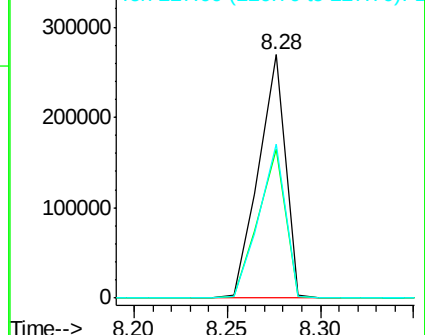
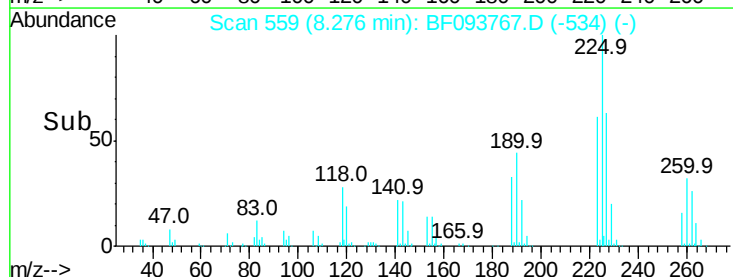
227 63.1 51.1 76.7

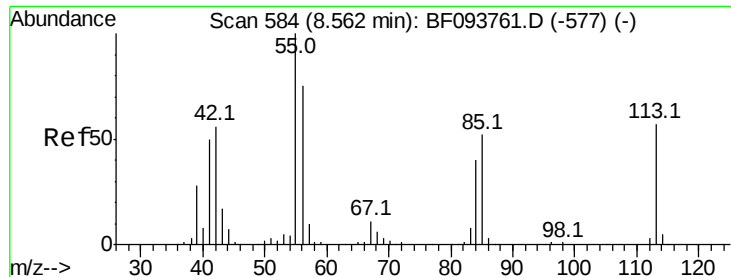


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

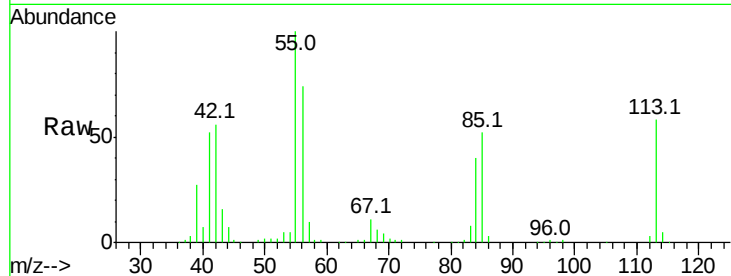




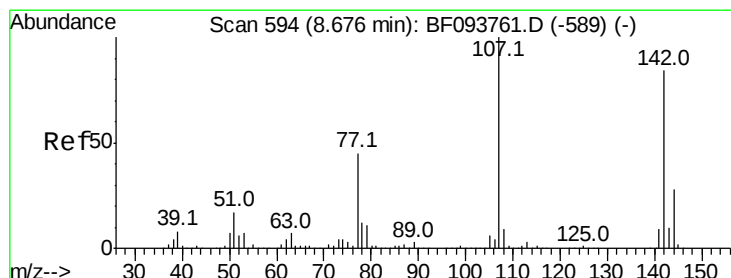
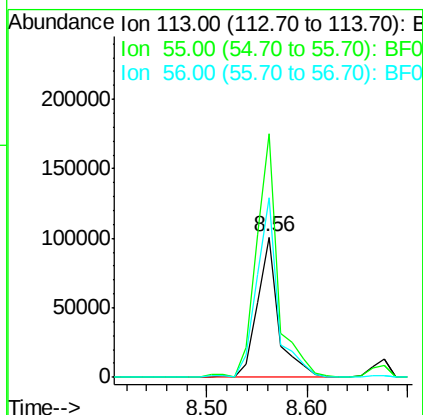
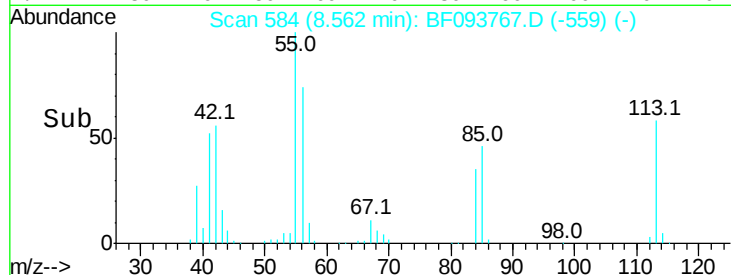
#35
 Caprolactam
 Concen: 38.65 ng
 RT: 8.56 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 147144
 Ion Ratio Lower Upper
 113 100
 55 173.8 150.2 190.2
 56 128.2 107.8 147.8

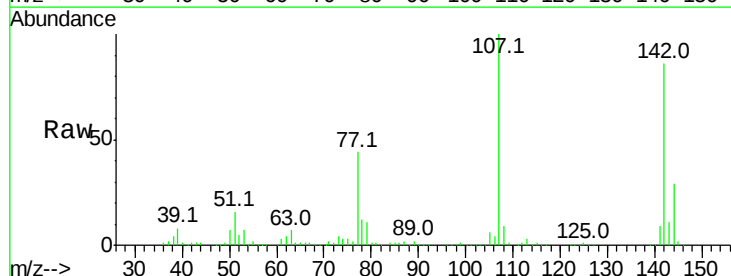


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

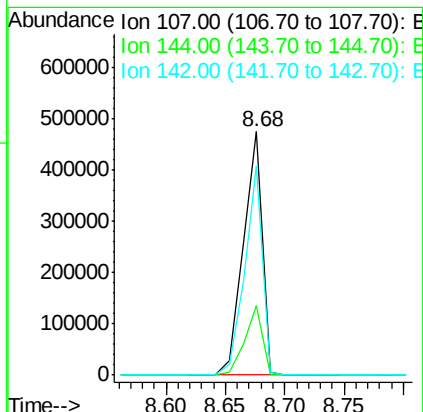
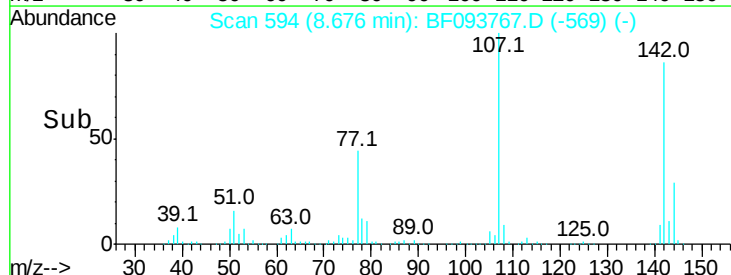


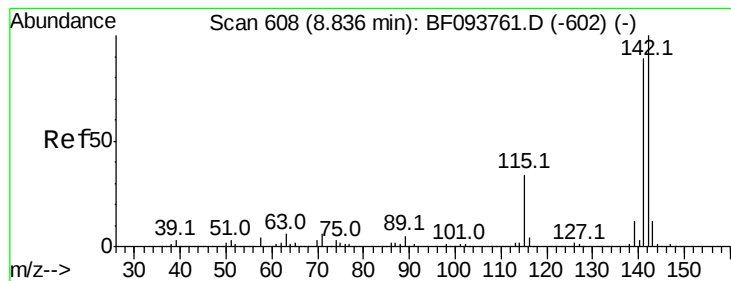
#36
 4-Chloro-3-methylphenol
 Concen: 42.03 ng
 RT: 8.68 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Tgt Ion:107 Resp: 528295
 Ion Ratio Lower Upper
 107 100
 144 28.6 24.2 36.4
 142 85.7 73.4 110.0



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

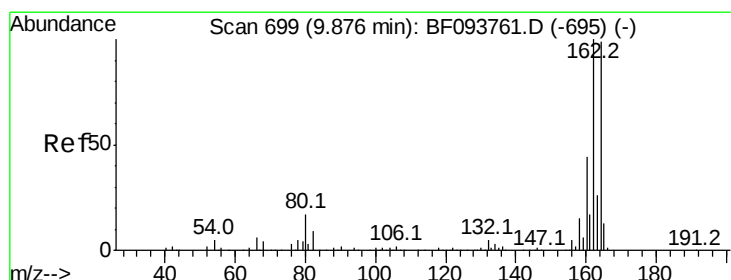
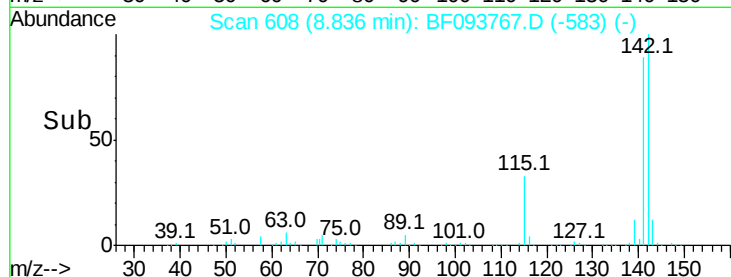
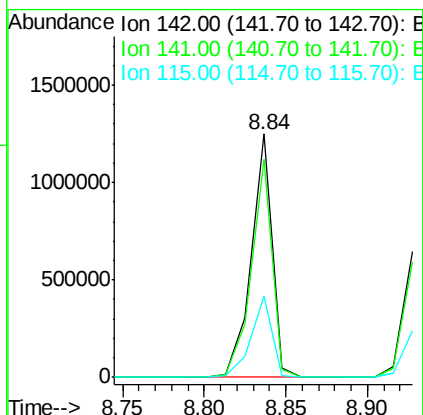
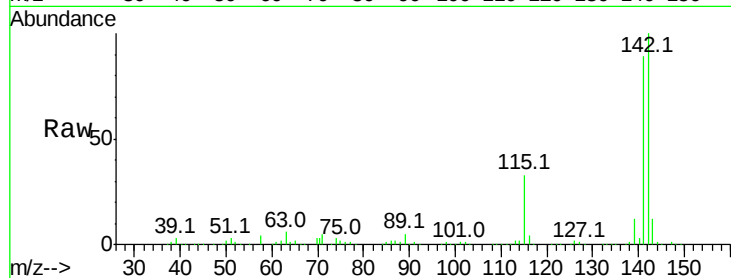




#37
2-Methylnaphthalene
Concen: 40.19 ng
RT: 8.84 min Scan# 608
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

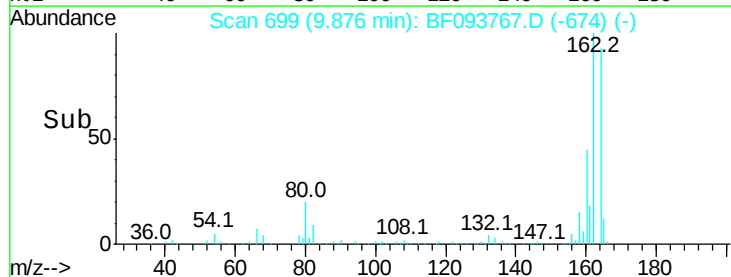
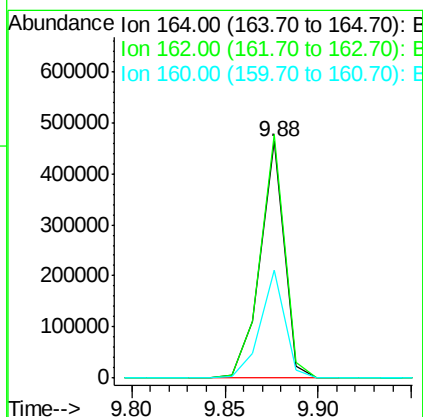
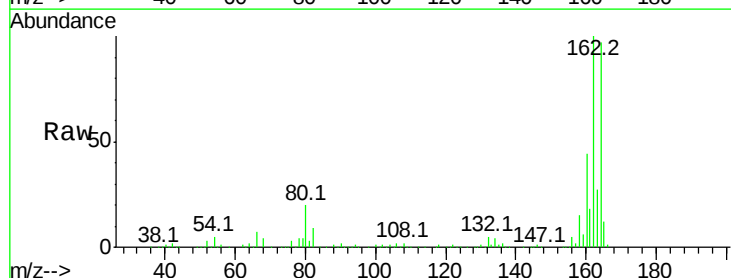
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

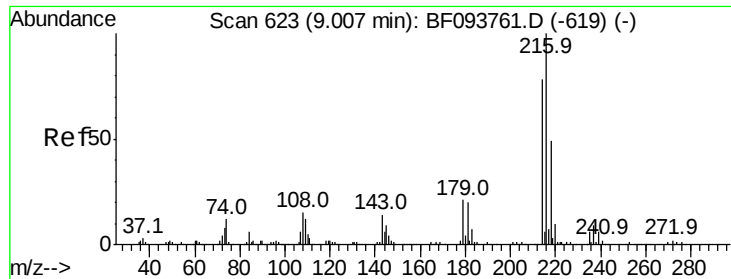
Tot Ion:142 Resp: 1107753
Ion Ratio Lower Upper
142 100
141 89.3 71.3 106.9
115 33.5 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion:164 Resp: 414027
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 45.7 36.2 54.2

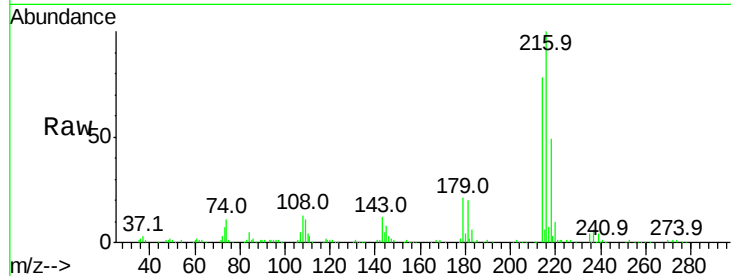




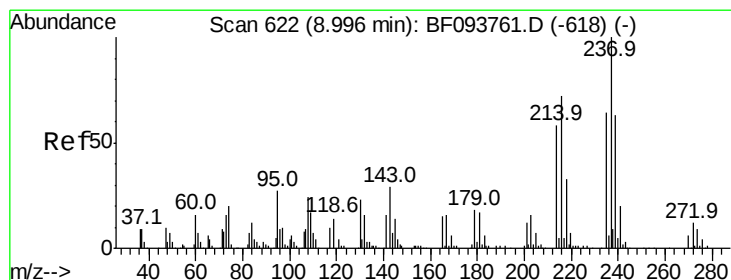
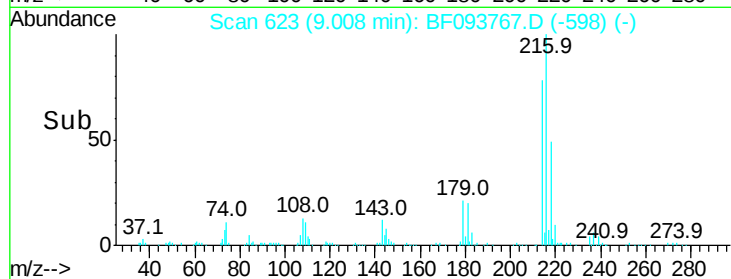
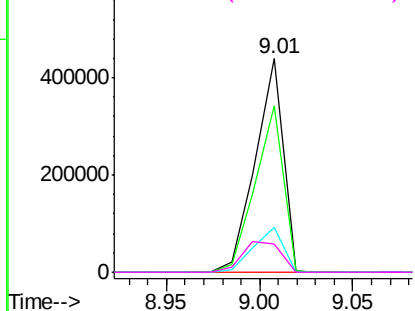
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.34 ng
 RT: 9.01 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	453296
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.2
179	22.1	17.9	26.9
108	20.1	16.5	24.7

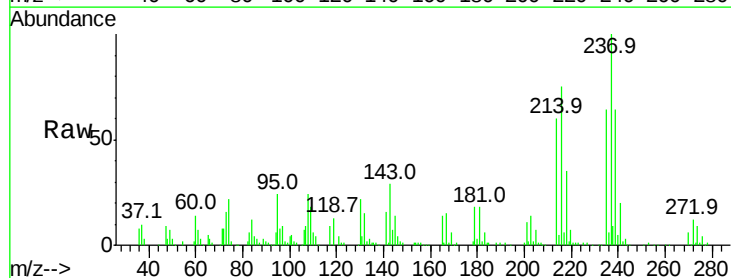


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

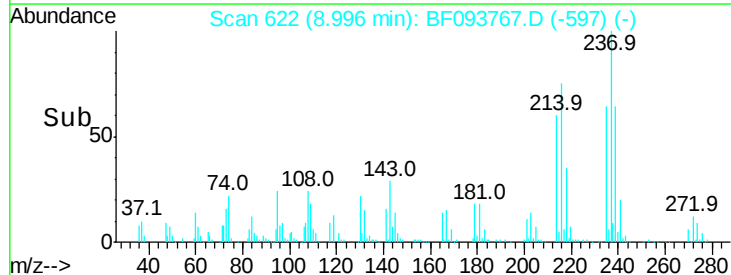
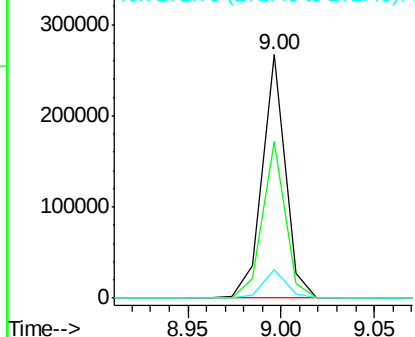


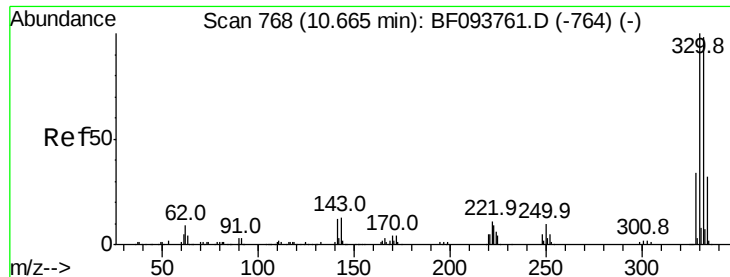
#40
 Hexachlorocyclopentadiene
 Concen: 40.96 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Tgt Ion:	237	Resp:	226586
Ion	Ratio	Lower	Upper
237	100		
235	64.1	42.6	82.6
272	11.8	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

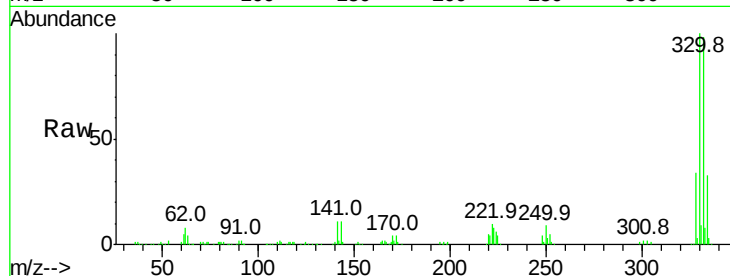




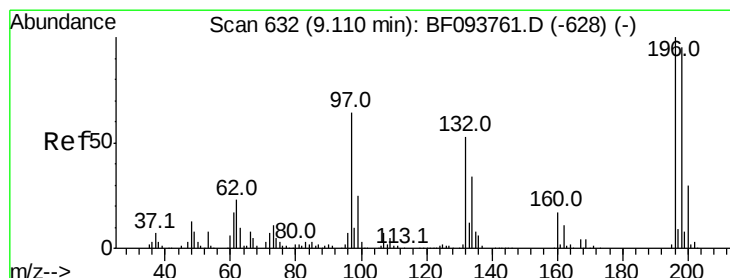
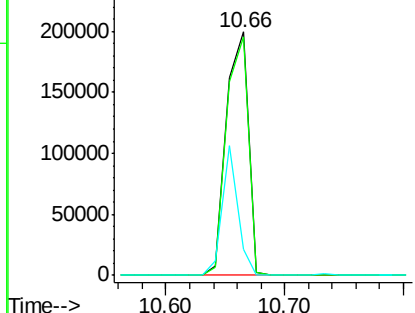
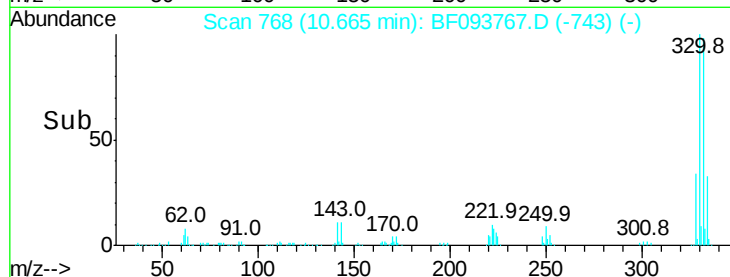
#41
 2,4,6-Tribromophenol
 Concen: 79.88 ng
 RT: 10.66 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	115.0
141	37.9	31.4	47.2

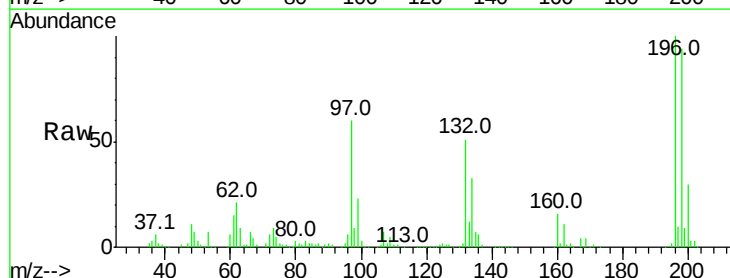


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

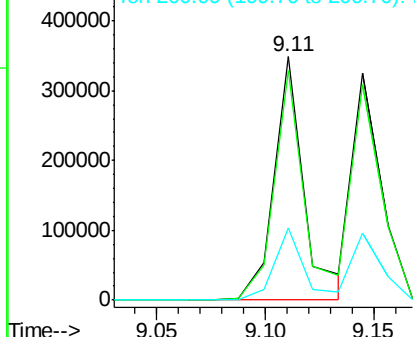
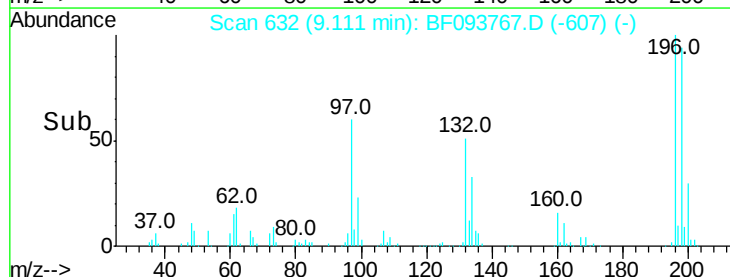


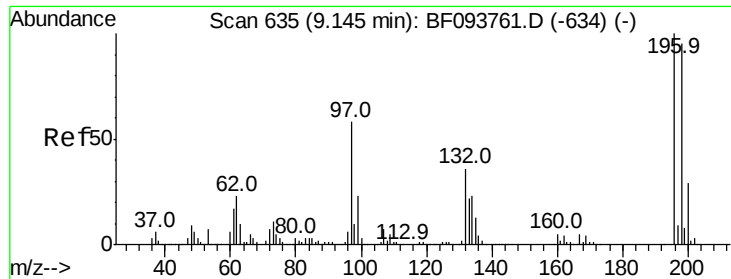
#42
 2,4,6-Trichlorophenol
 Concen: 42.41 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	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

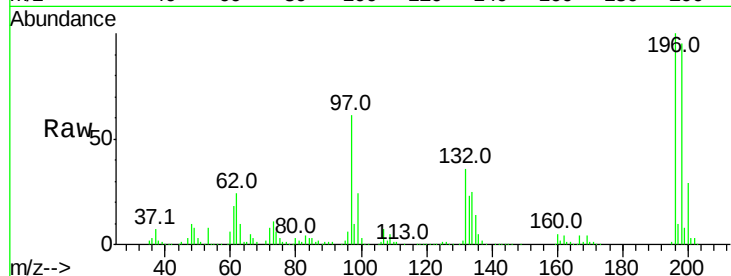




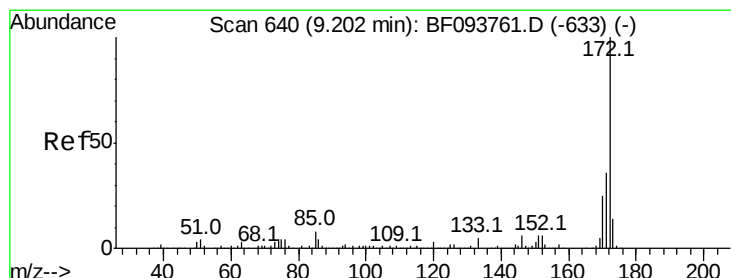
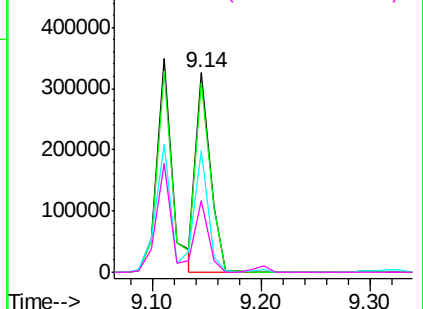
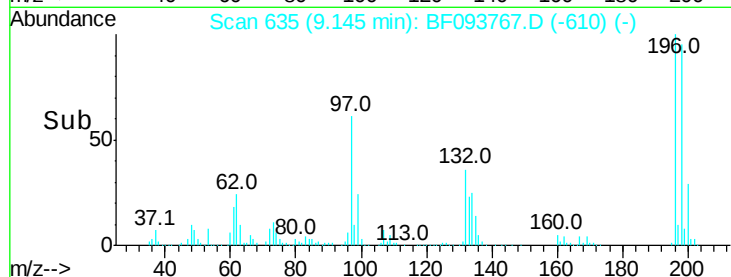
#43
 2,4,5-Trichlorophenol
 Concen: 36.50 ng
 RT: 9.14 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 301641
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.7 113.5
 97 60.8 47.7 71.5
 132 36.1 28.0 42.0

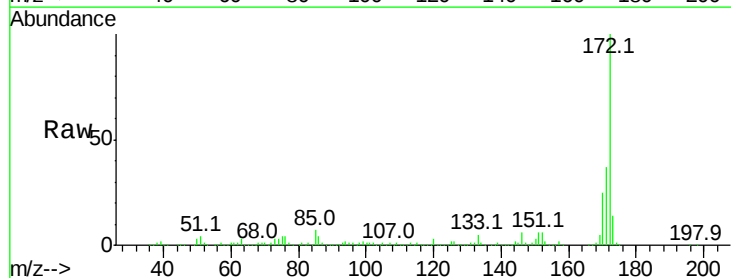


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

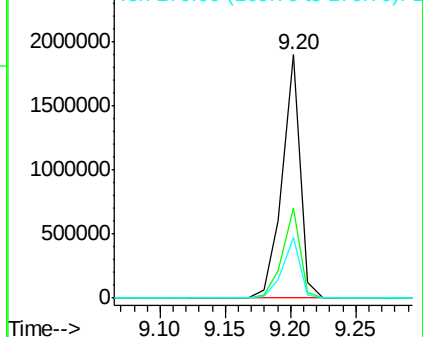
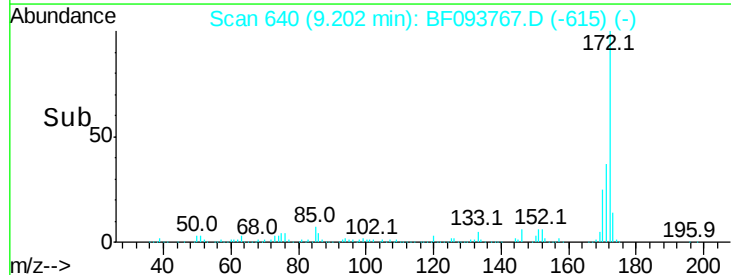


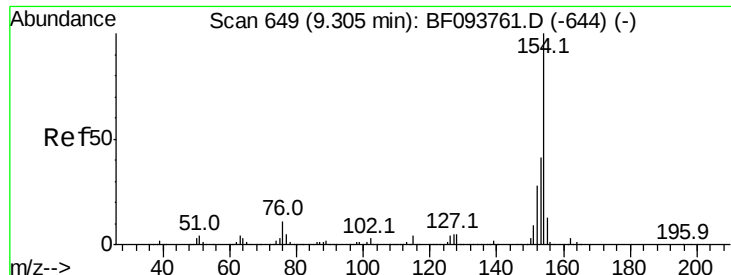
#44
 2-Fluorobiphenyl
 Concen: 75.00 ng
 RT: 9.20 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Tgt Ion:172 Resp: 1846533
 Ion Ratio Lower Upper
 172 100
 171 36.8 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

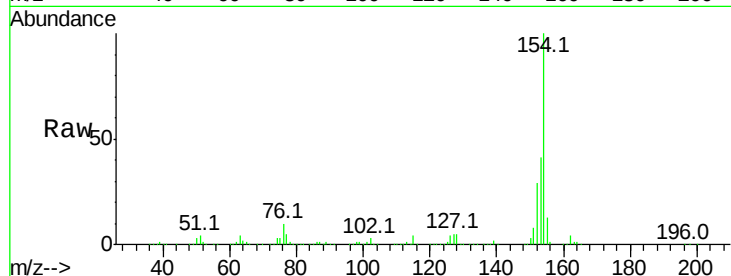




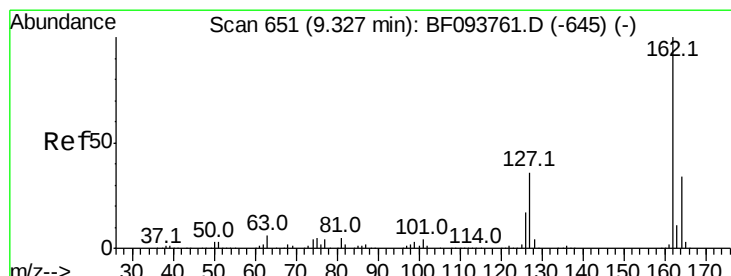
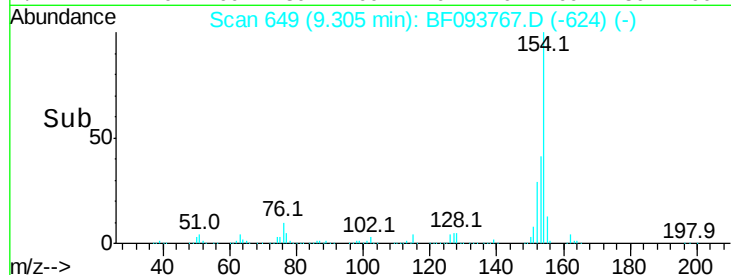
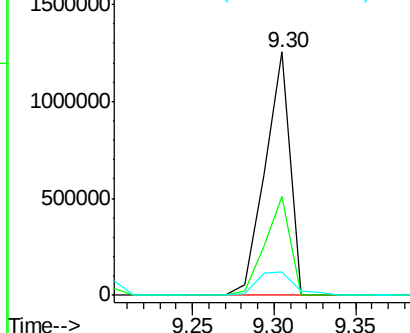
#45
 1,1'-Biphenyl
 Concen: 39.48 ng
 RT: 9.30 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:154 Resp: 1328439
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.2 61.2
 76 9.8 0.0 29.9

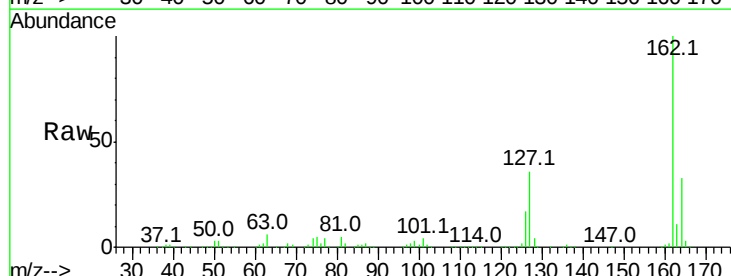


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

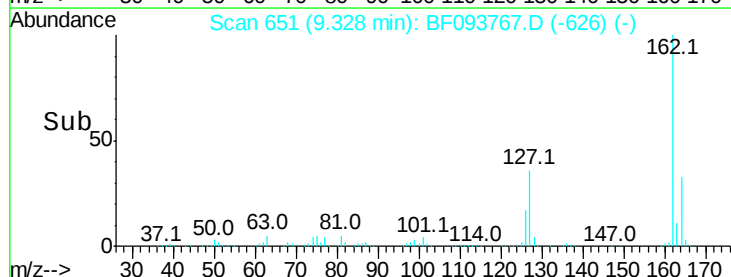
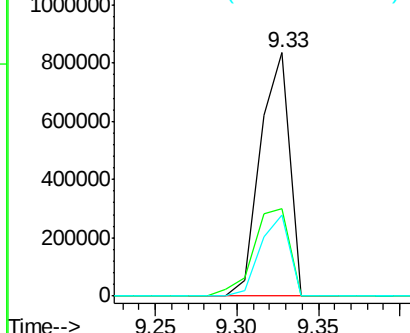


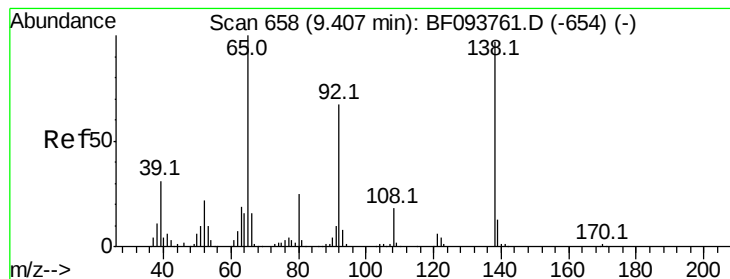
#46
 2-Chloronaphthalene
 Concen: 40.23 ng
 RT: 9.33 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Tgt Ion:162 Resp: 1038021
 Ion Ratio Lower Upper
 162 100
 127 35.8 28.3 42.5
 164 33.4 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: 37.59 ng

RT: 9.41 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

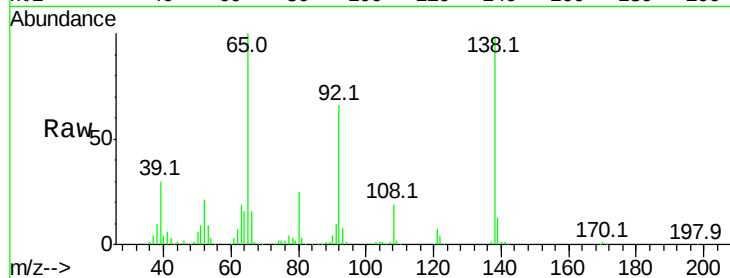
Tot Ion: 65 Resp: 270828

Ion Ratio Lower Upper

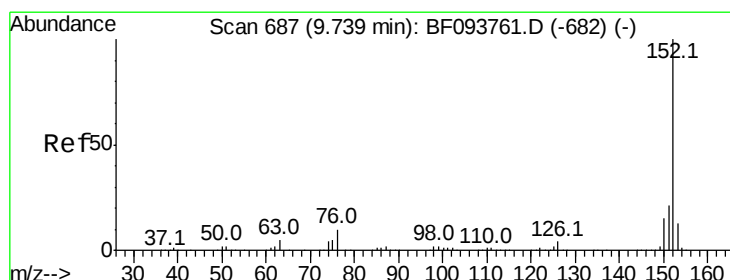
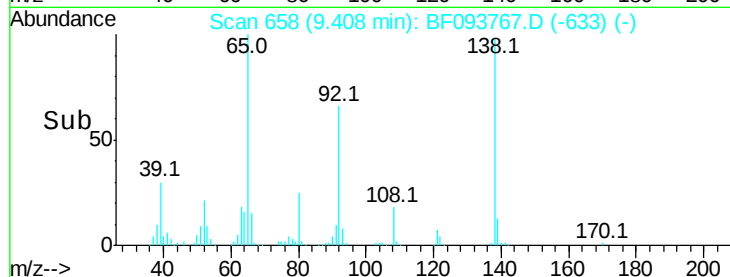
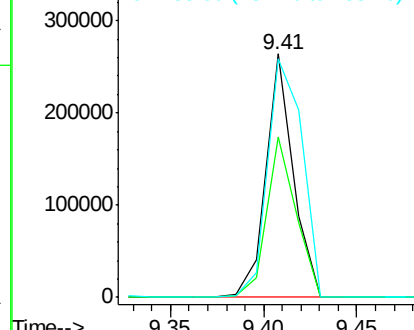
65 100

92 65.6 53.9 80.9

138 97.8 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: 41.78 ng

RT: 9.74 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

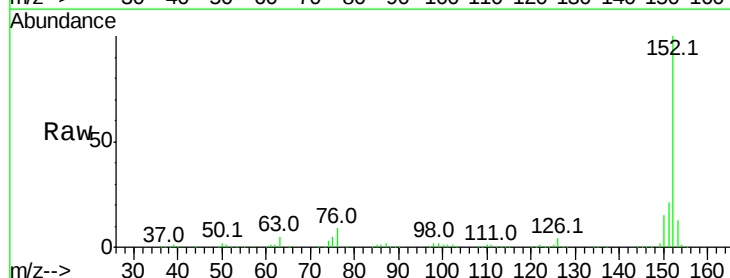
Tgt Ion: 152 Resp: 1754112

Ion Ratio Lower Upper

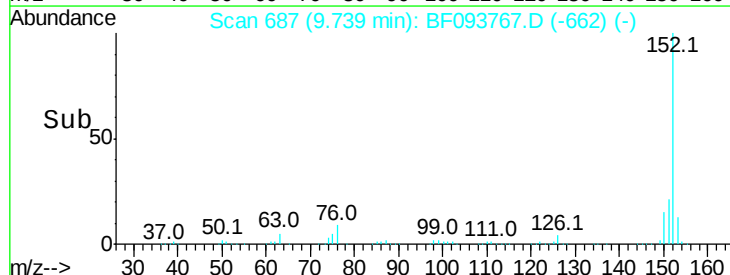
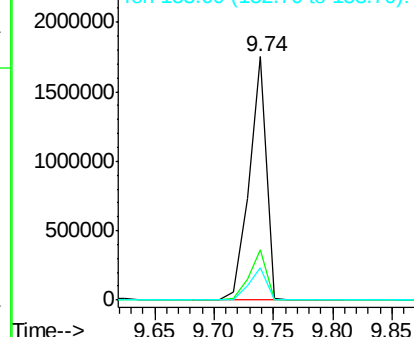
152 100

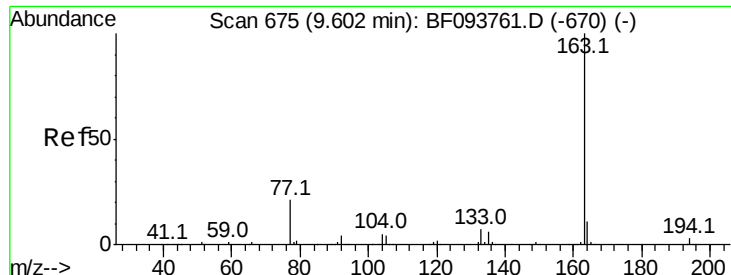
151 20.8 16.8 25.2

153 13.4 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

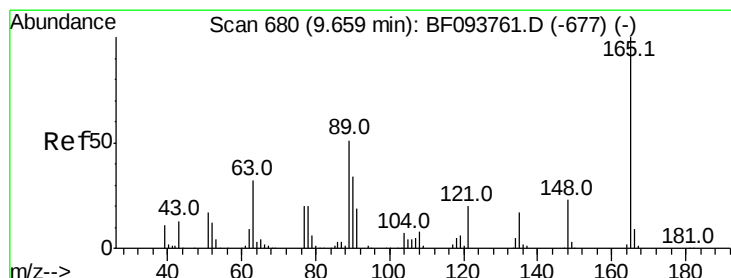
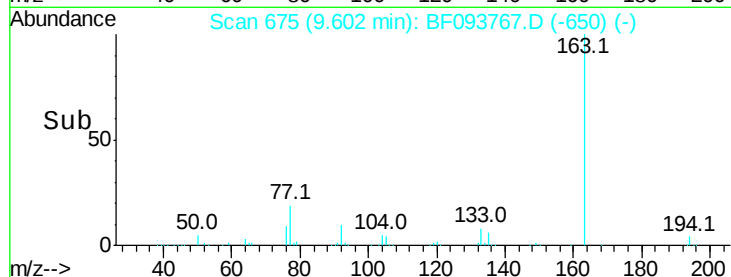
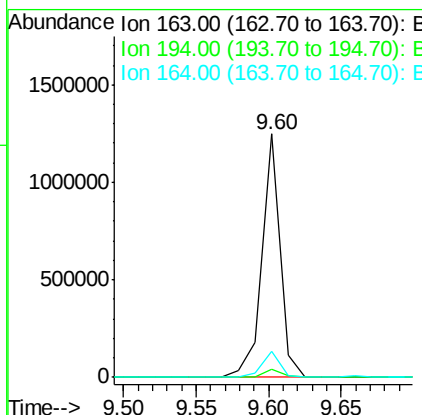
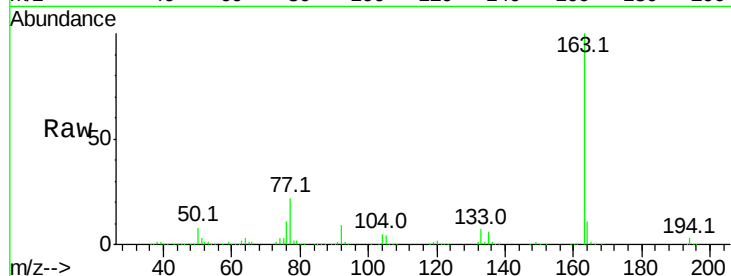




#49
Dimethylphthalate
Concen: 36.76 ng
RT: 9.60 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

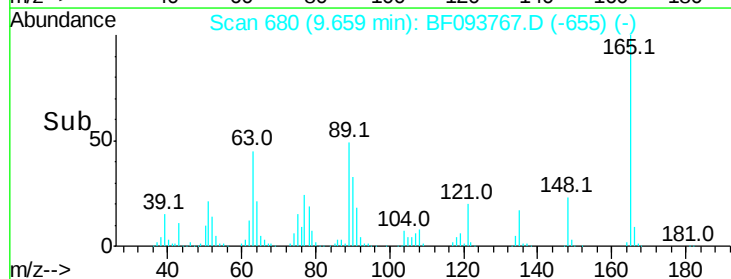
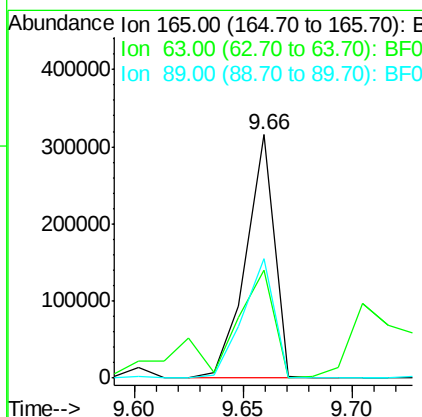
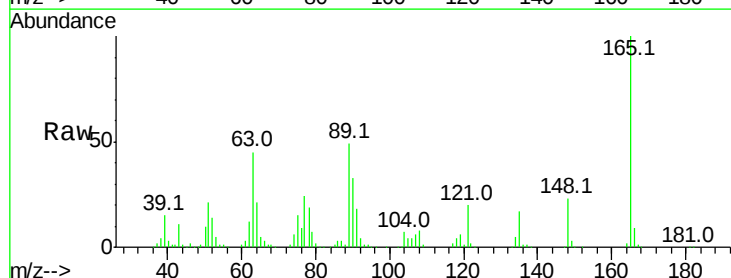
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

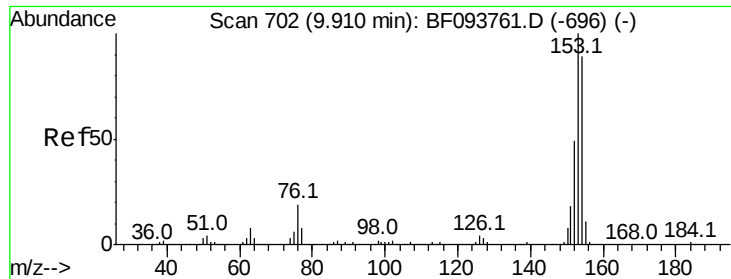
Tot Ion:163 Resp: 1083159
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.6 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 44.43 ng
RT: 9.66 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion:165 Resp: 287375
Ion Ratio Lower Upper
165 100
63 44.6 34.3 51.5
89 49.2 37.1 55.7





#51

Acenaphthene

Concen: 40.43 ng

RT: 9.91 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

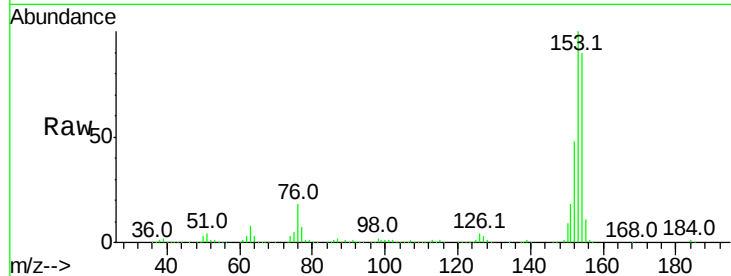
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1013849

Ion	Ratio	Lower	Upper
154	100		
153	111.5	90.5	135.7
152	54.0	43.6	65.4

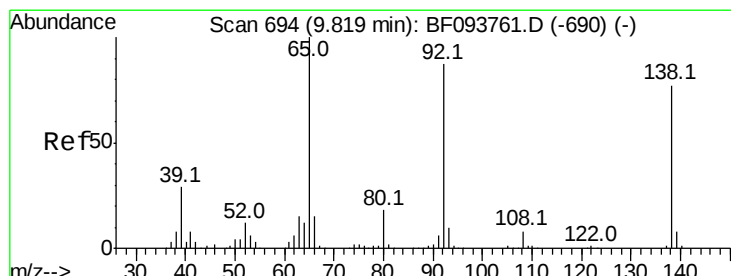
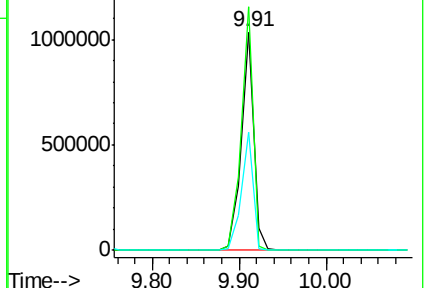
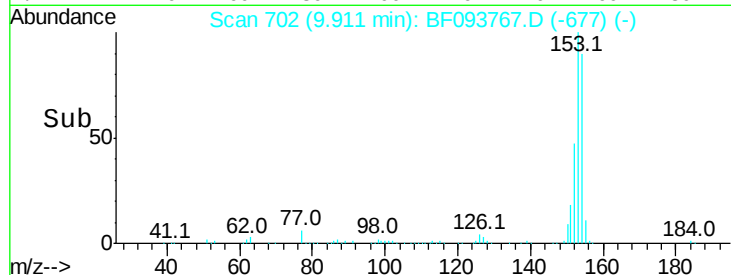


Abundance

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: 34.50 ng

RT: 9.82 min Scan# 694

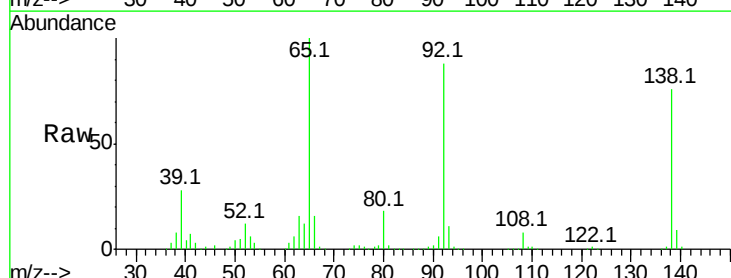
Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Tgt Ion:138 Resp: 267879

Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.1	13.7
92	115.4	93.8	140.6

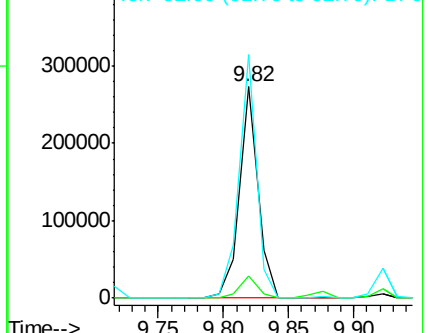
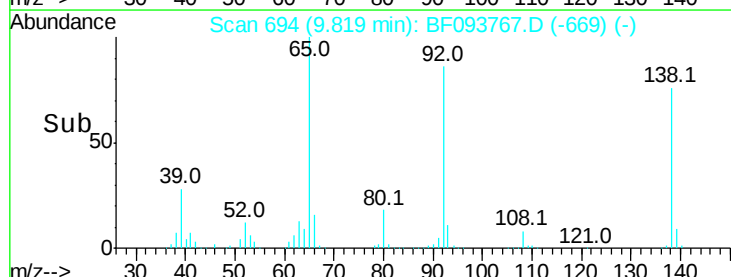


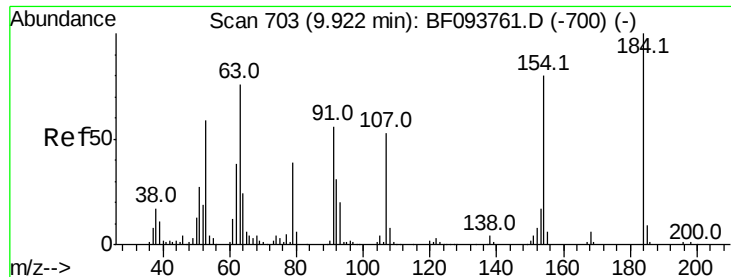
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

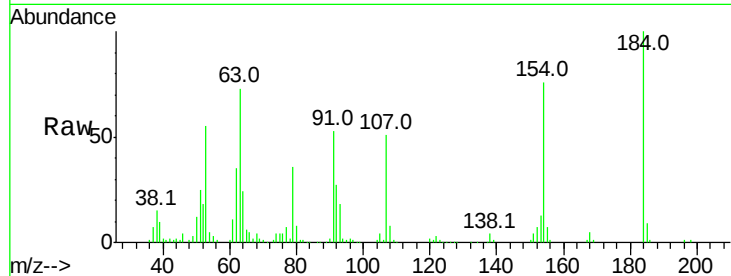




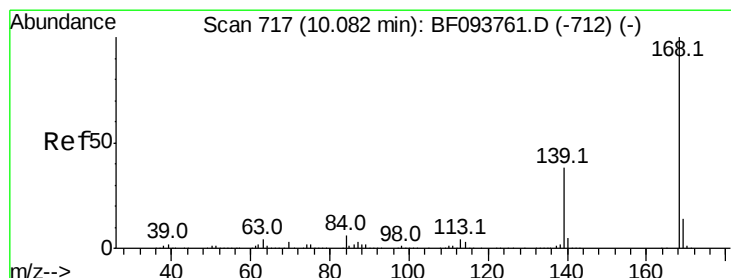
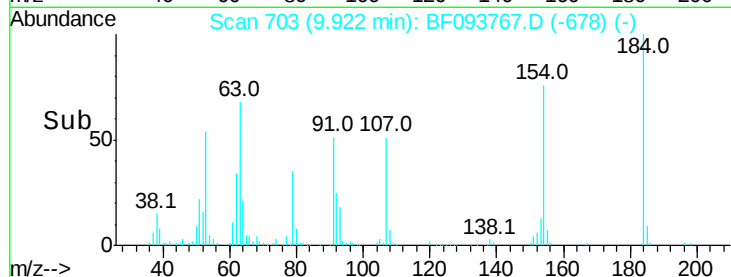
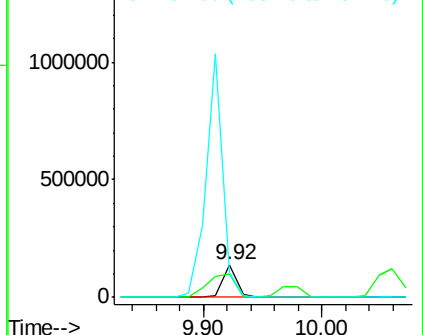
#53
2,4-Dinitrophenol
Concen: 44.13 ng
RT: 9.92 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 112062
Ion Ratio Lower Upper
184 100
63 72.6 62.7 94.1
154 75.9 81.1 121.7#

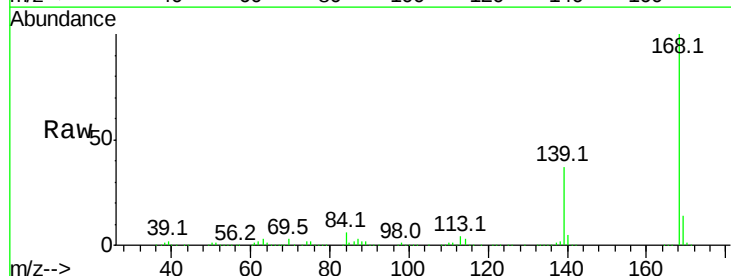


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

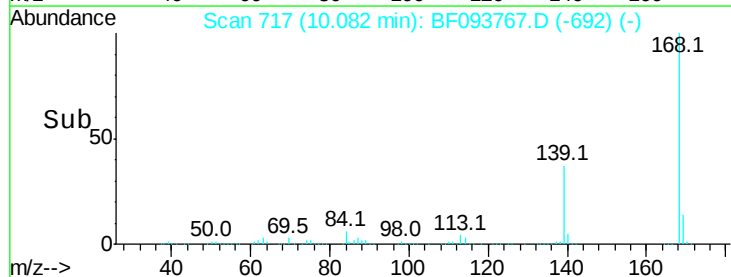
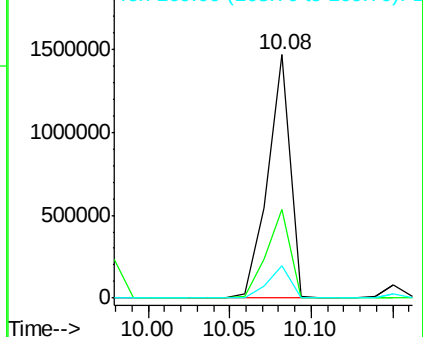


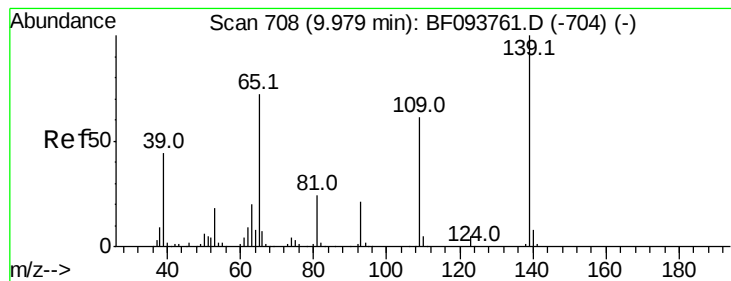
#54
Dibenzofuran
Concen: 41.81 ng
RT: 10.08 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion:168 Resp: 1411000
Ion Ratio Lower Upper
168 100
139 36.7 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: 45.53 ng

RT: 9.98 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

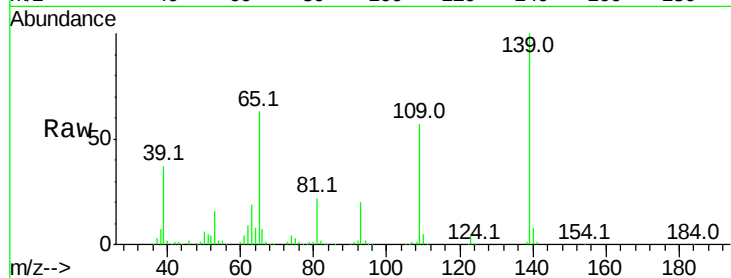
Tot Ion:139 Resp: 265567

Ion Ratio Lower Upper

139 100

109 57.4 34.1 74.1

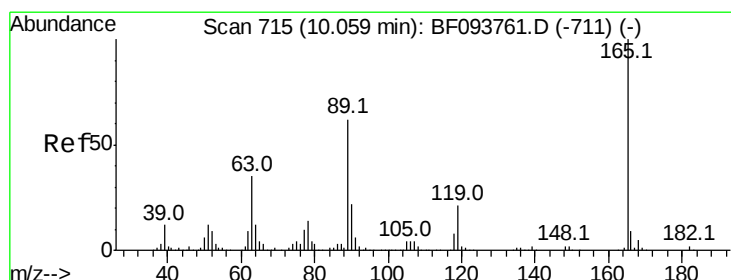
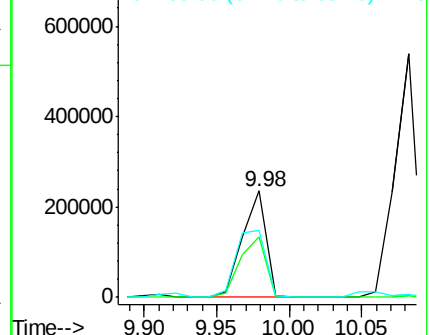
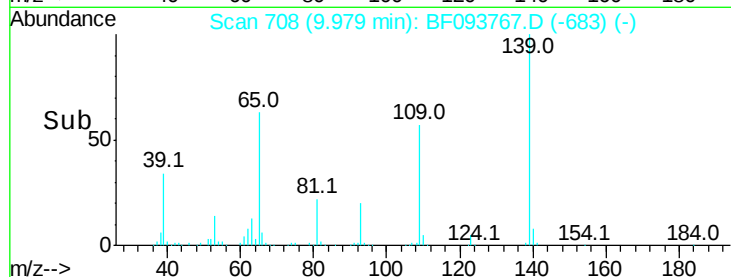
65 63.4 31.4 71.4



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



#56

2,4-Dinitrotoluene

Concen: 46.71 ng

RT: 10.06 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Tgt Ion:165 Resp: 383592

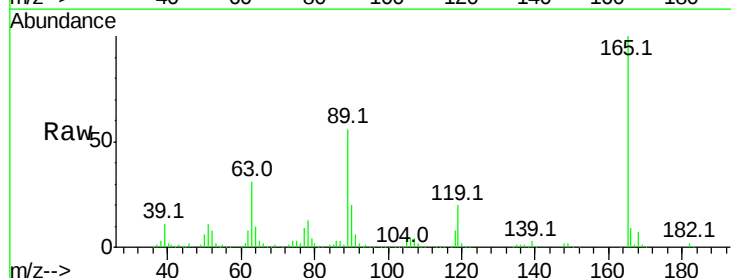
Ion Ratio Lower Upper

165 100

63 31.0 25.4 38.0

89 56.2 46.4 69.6

182 2.5 1.8 2.6

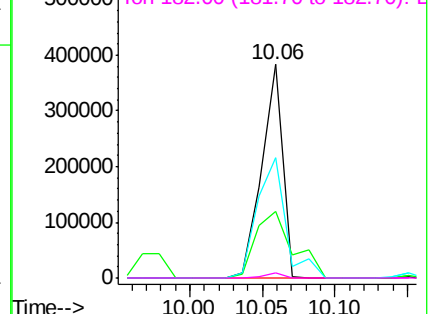
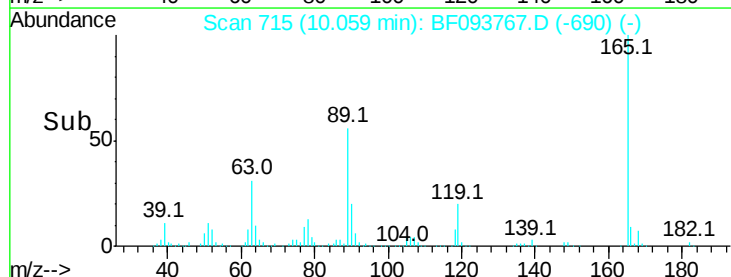


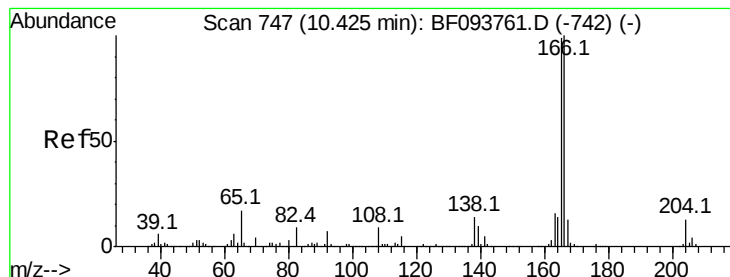
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: 40.50 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

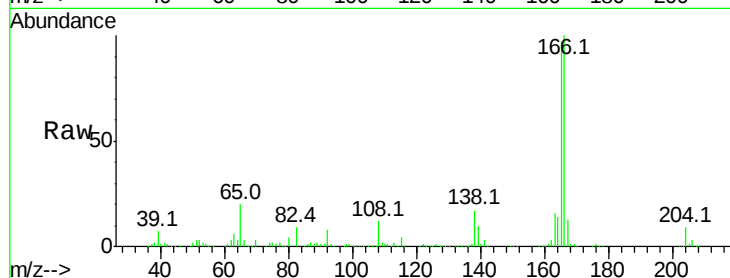
Tot Ion:166 Resp: 1046805

Ion Ratio Lower Upper

166 100

165 97.4 78.8 118.2

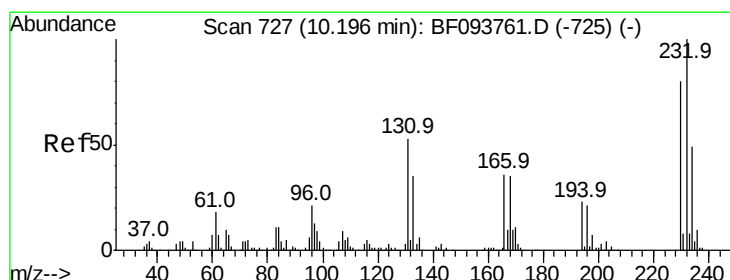
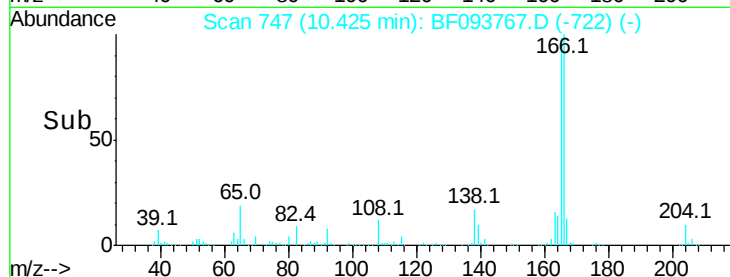
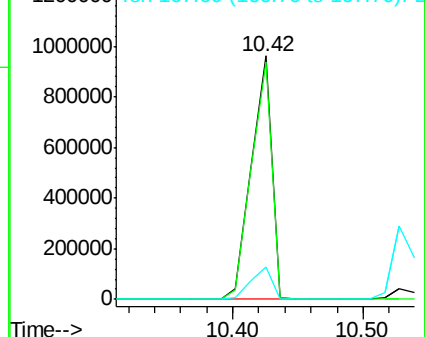
167 13.2 10.6 16.0



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: 42.91 ng

RT: 10.20 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Tgt Ion:232 Resp: 243605

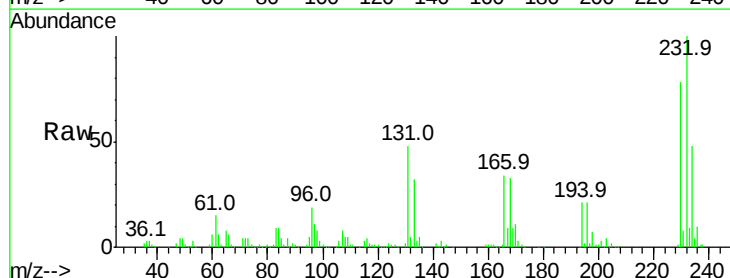
Ion Ratio Lower Upper

232 100

131 54.2 44.8 67.2

130 2.5 2.3 3.5

166 36.4 29.0 43.4

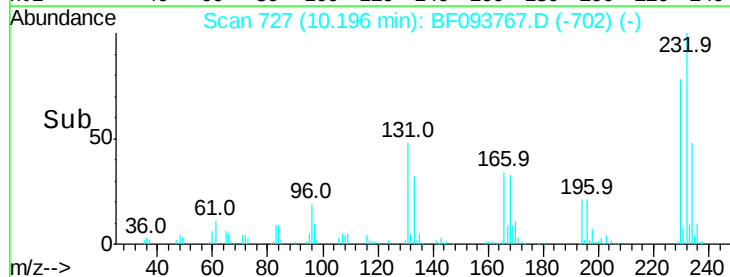
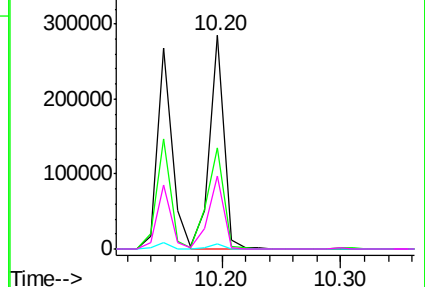


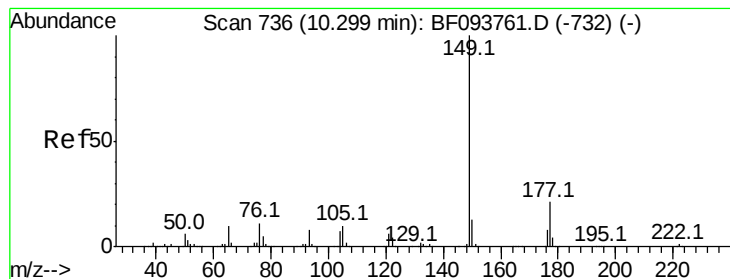
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.07 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

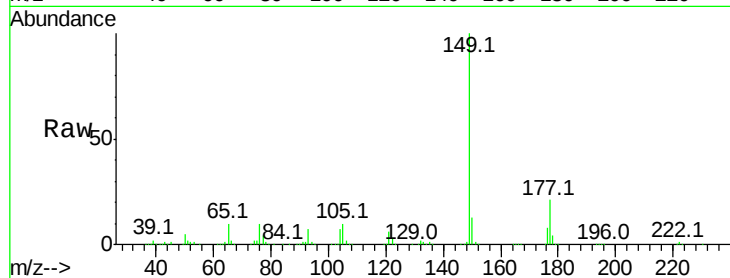
Tot Ion:149 Resp: 1093218

Ion Ratio Lower Upper

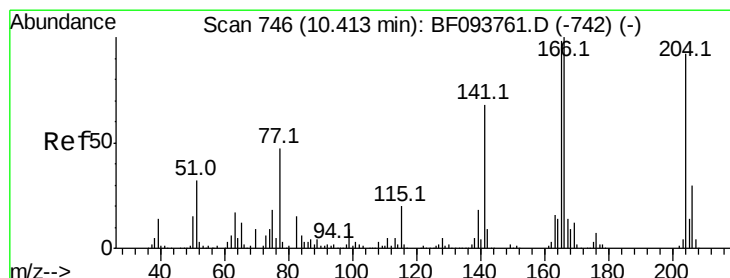
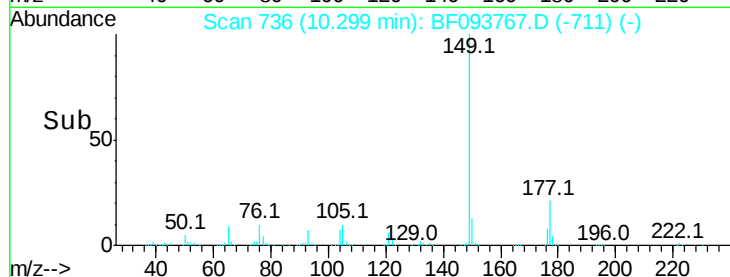
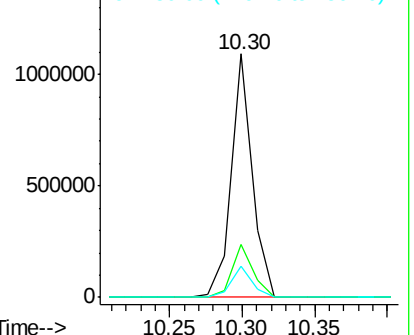
149 100

177 21.5 16.7 25.1

150 12.8 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: 37.85 ng

RT: 10.41 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

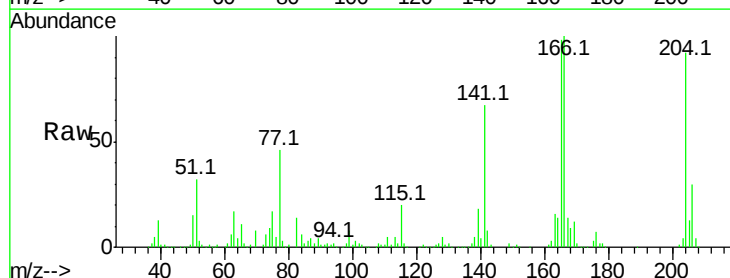
Tgt Ion:204 Resp: 412280

Ion Ratio Lower Upper

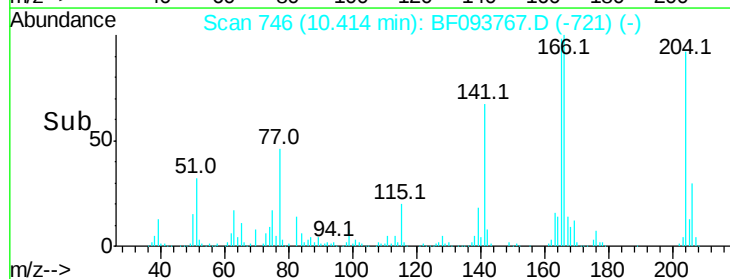
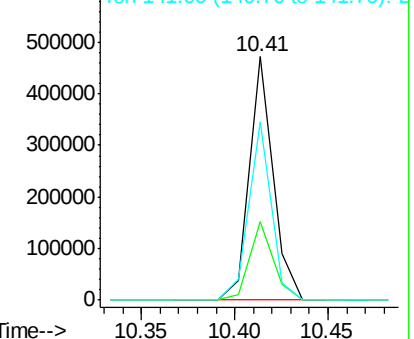
204 100

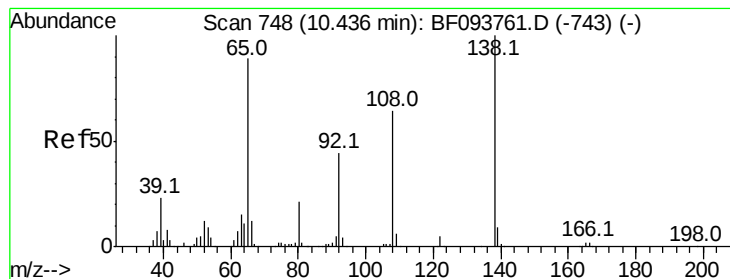
206 32.5 26.2 39.2

141 73.1 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: 42.85 ng

RT: 10.44 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

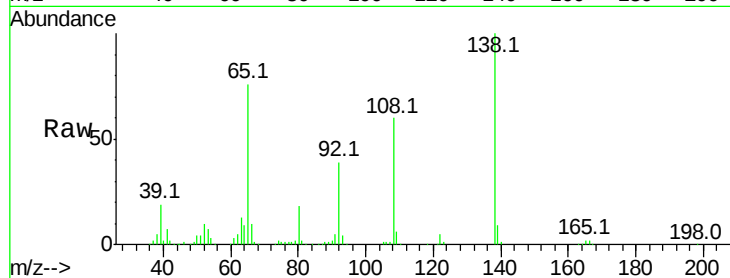
Tot Ion:138 Resp: 297662

Ion Ratio Lower Upper

138 100

92 39.3 21.8 61.8

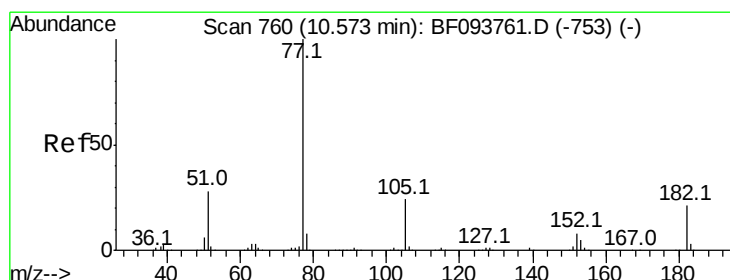
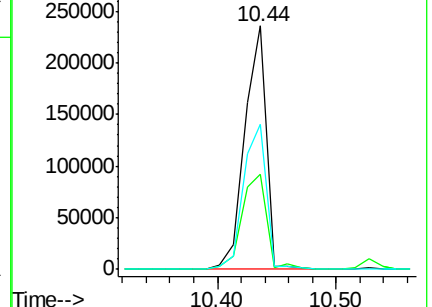
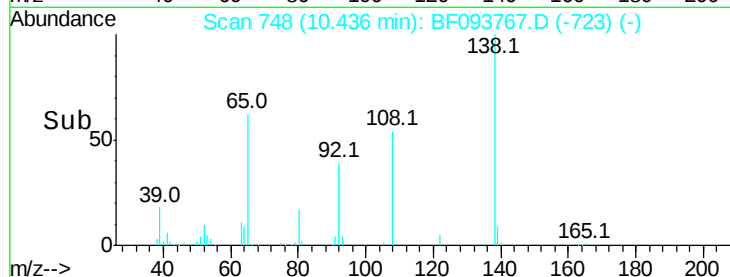
108 59.6 42.3 82.3



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: 41.24 ng

RT: 10.57 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Tgt Ion: 77 Resp: 1171439

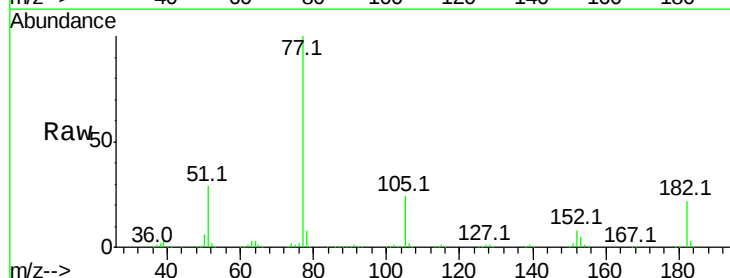
Ion Ratio Lower Upper

77 100

182 22.3 0.1 40.1

105 23.5 3.6 43.6

51 28.8 9.4 49.4

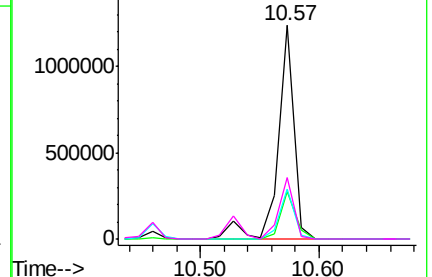
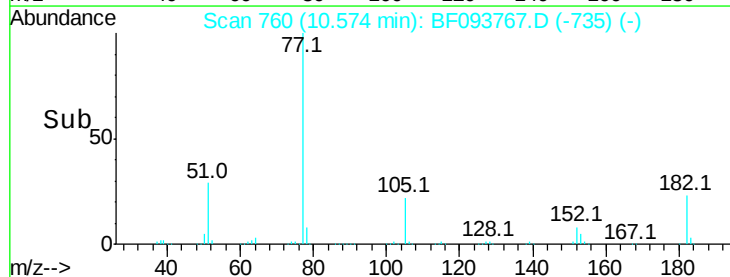


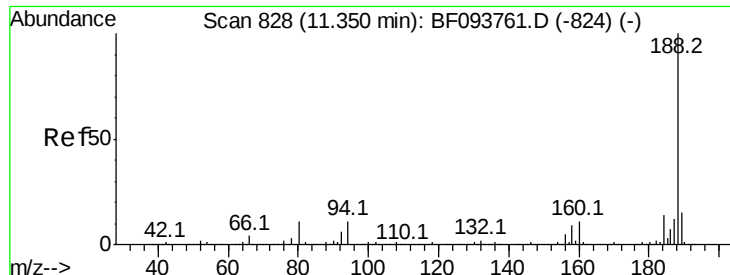
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

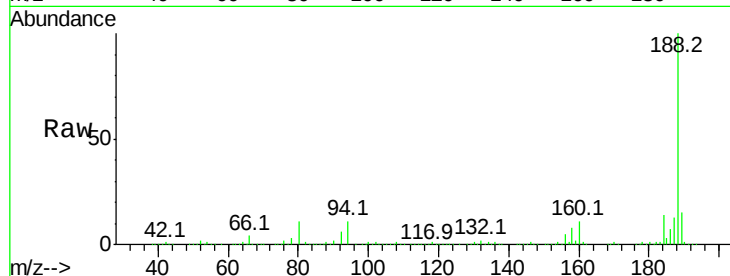




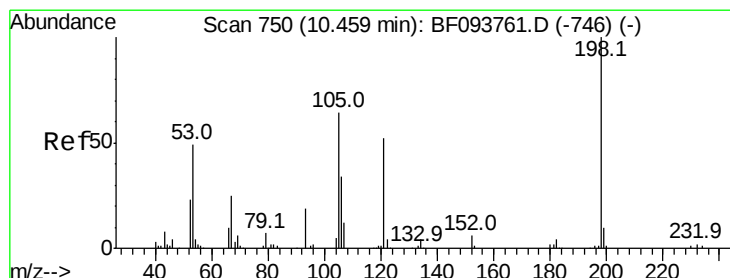
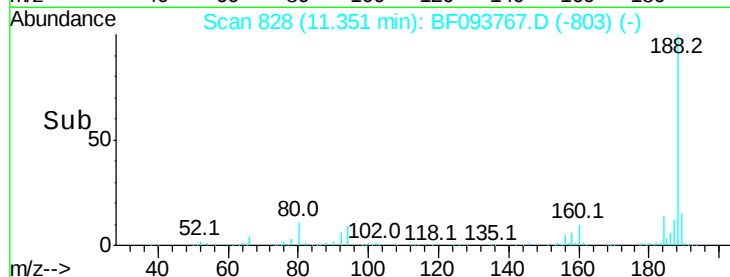
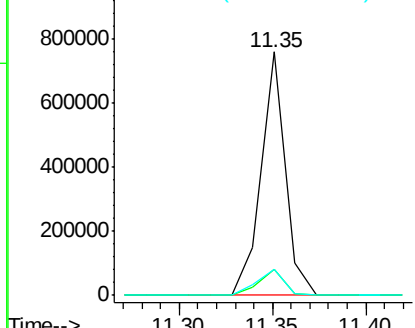
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	10.9	10.2	15.2

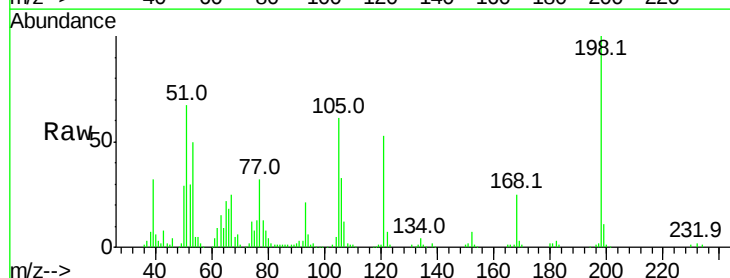


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

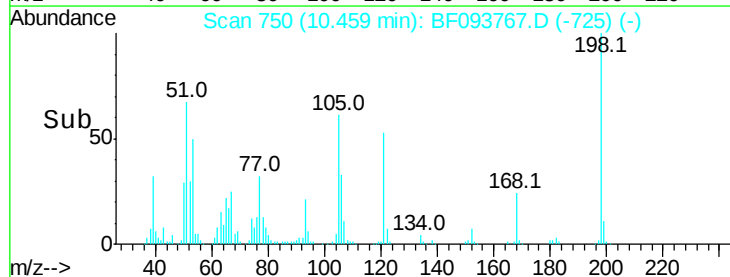
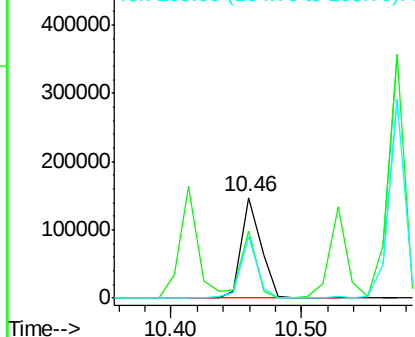


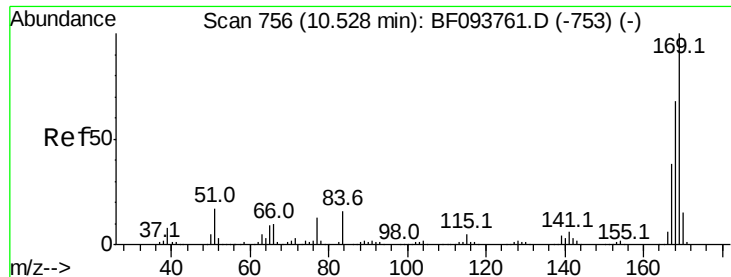
#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.12 ng
 RT: 10.46 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Tgt Ion	Ratio	Lower	Upper
198	100		
51	67.0	53.2	93.2
105	61.3	45.8	85.8



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

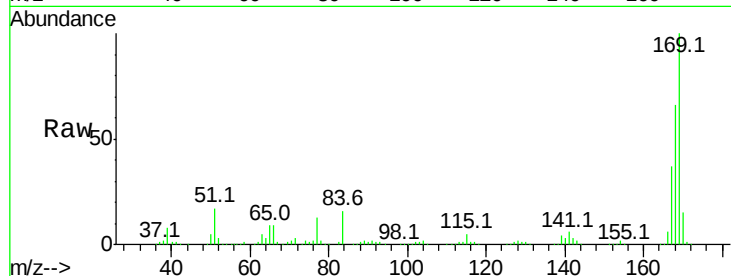




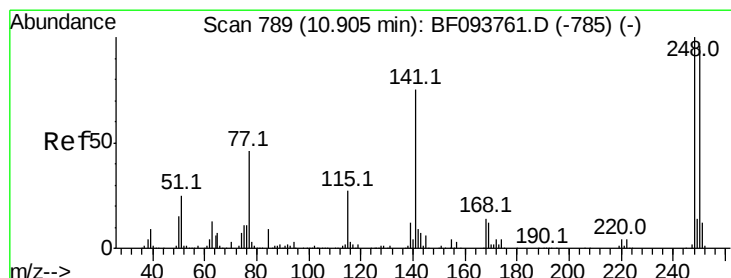
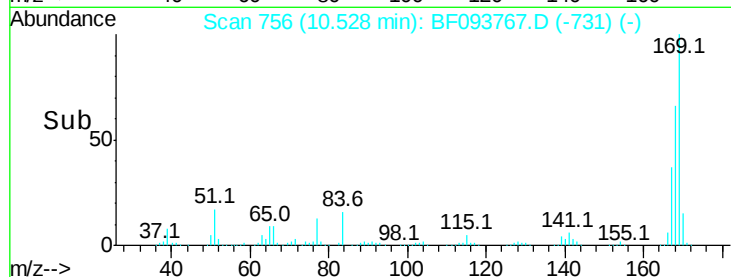
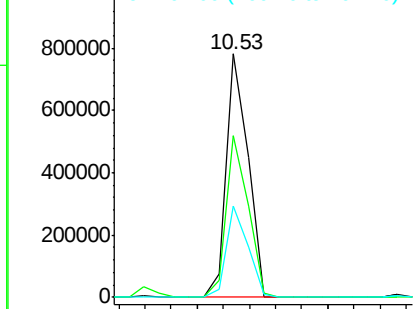
#65
 n-Nitrosodiphenylamine
 Concen: 38.91 ng
 RT: 10.53 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:169 Resp: 902252
 Ion Ratio Lower Upper
 169 100
 168 66.2 53.2 79.8
 167 37.3 29.5 44.3

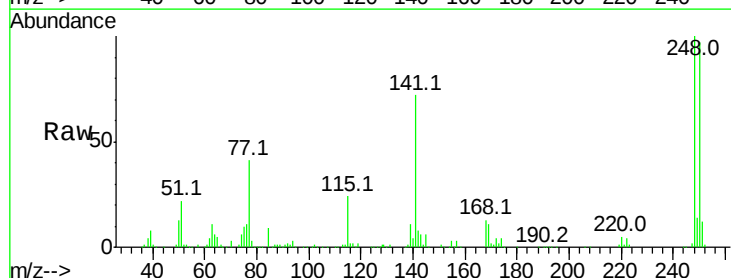


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

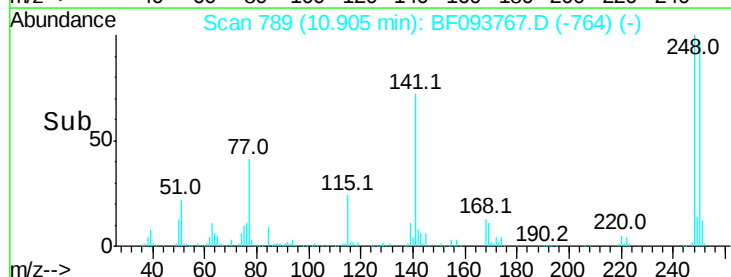
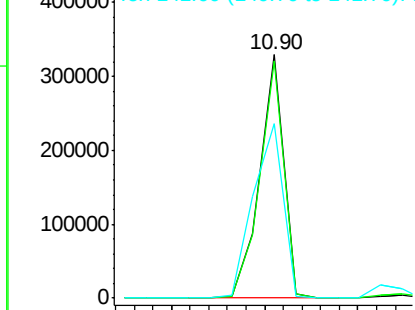


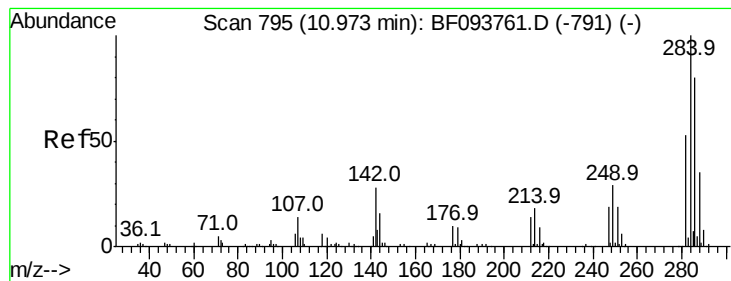
#66
 4-Bromophenyl-phenylether
 Concen: 43.56 ng
 RT: 10.90 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Tgt Ion:248 Resp: 291697
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.8 115.2
 141 71.6 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: 42.94 ng

RT: 10.97 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

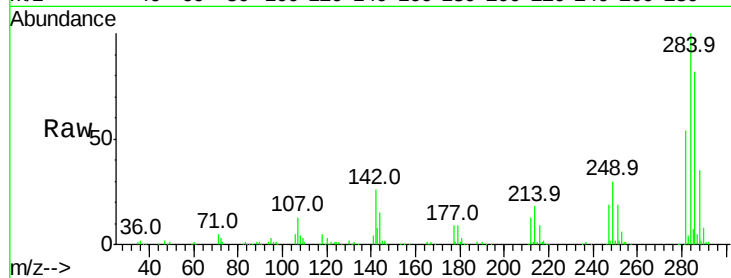
Tot Ion:284 Resp: 296462

Ion Ratio Lower Upper

284 100

142 26.1 22.8 34.2

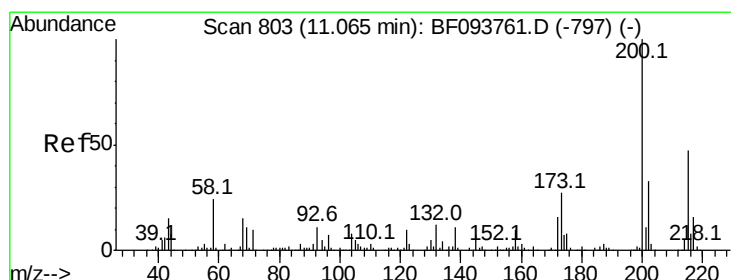
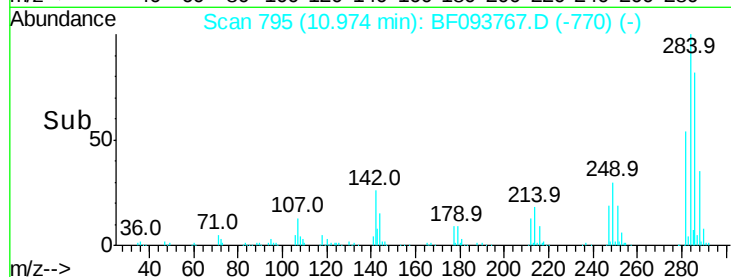
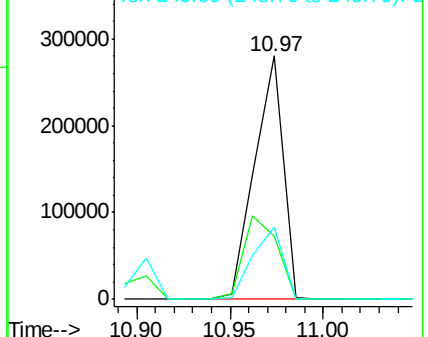
249 29.8 24.0 36.0



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: 42.14 ng

RT: 11.07 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

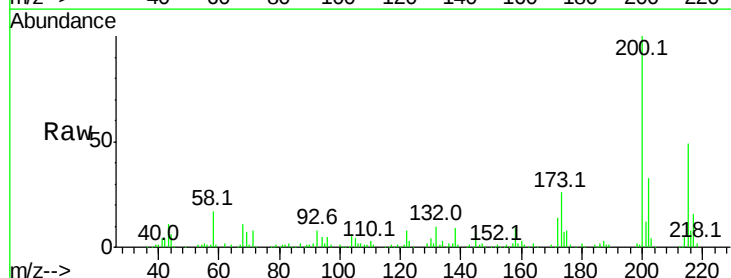
Tgt Ion:200 Resp: 299969

Ion Ratio Lower Upper

200 100

173 26.0 6.3 46.3

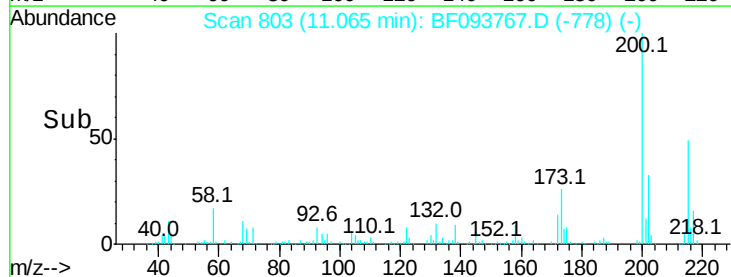
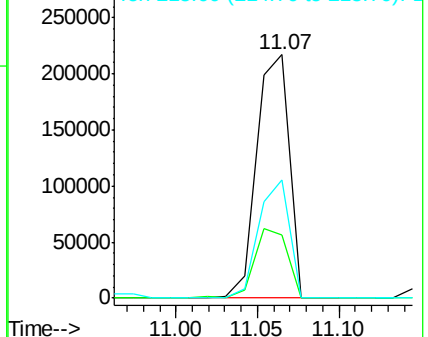
215 48.7 27.2 67.2

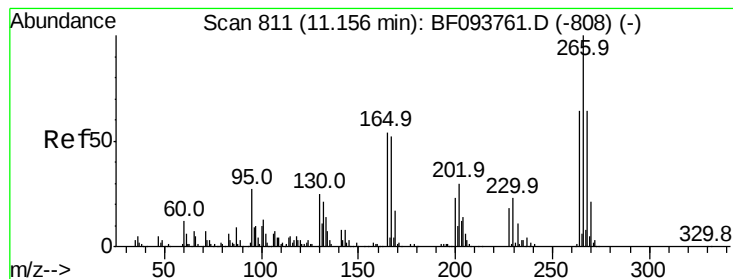


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 44.83 ng

RT: 11.16 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

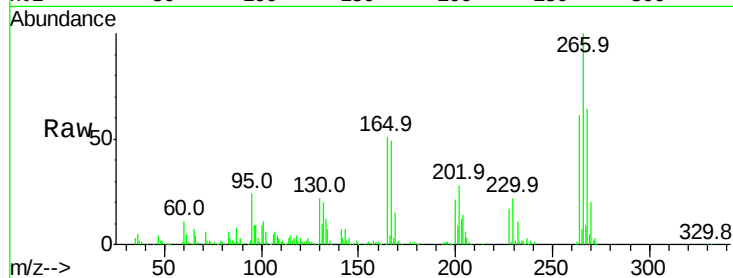
Tot Ion:266 Resp: 181001

Ion Ratio Lower Upper

266 100

268 63.6 51.1 76.7

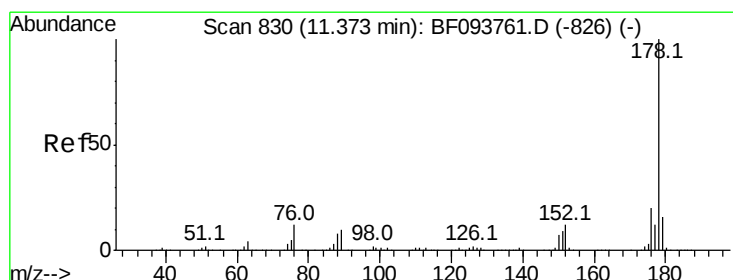
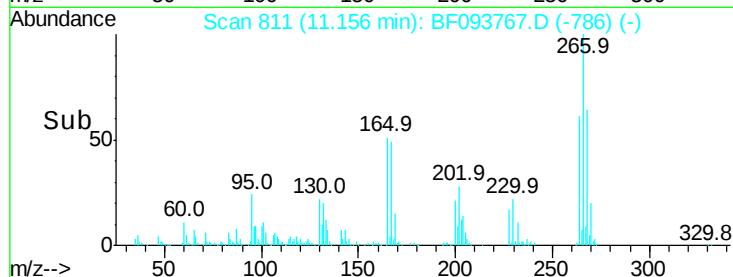
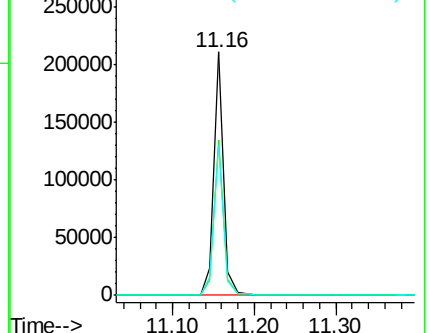
264 61.4 51.7 77.5



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: 36.12 ng

RT: 11.37 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

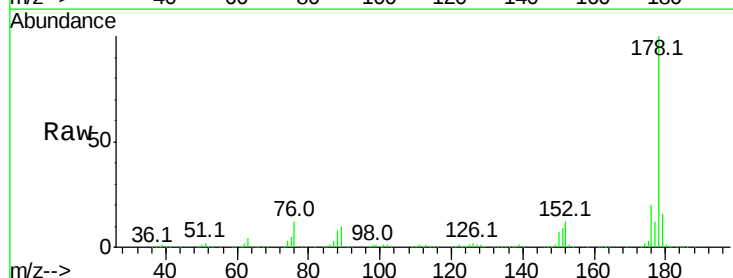
Tgt Ion:178 Resp: 1338179

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

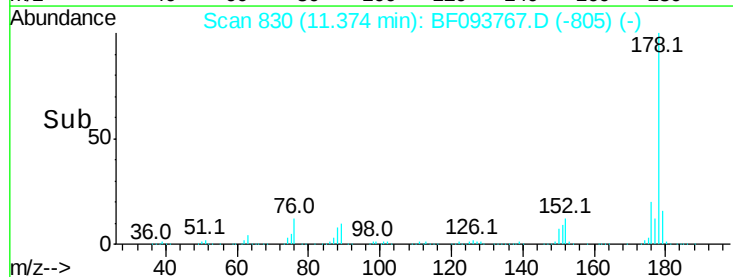
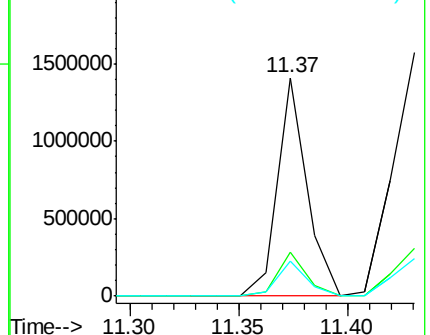
179 16.1 12.6 19.0

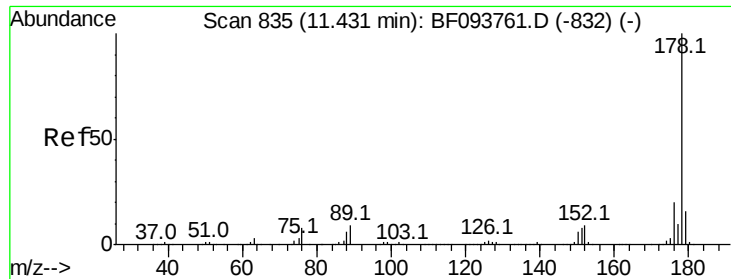


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

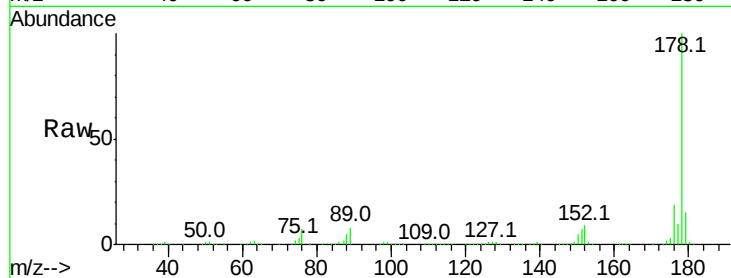




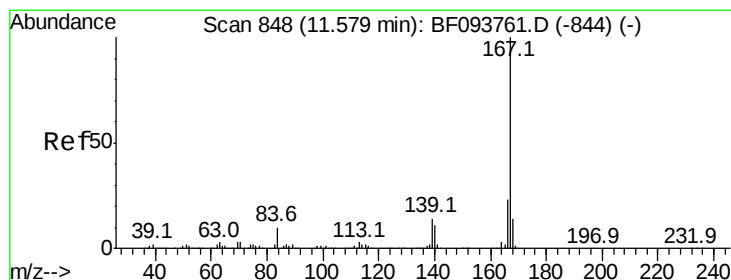
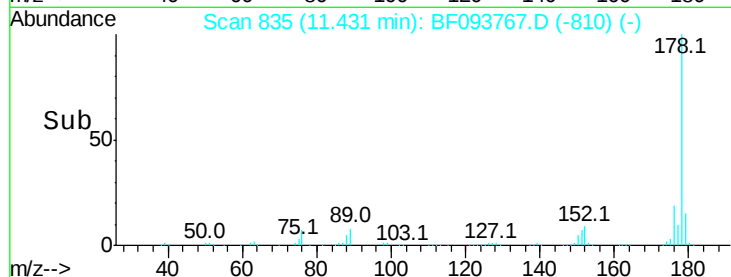
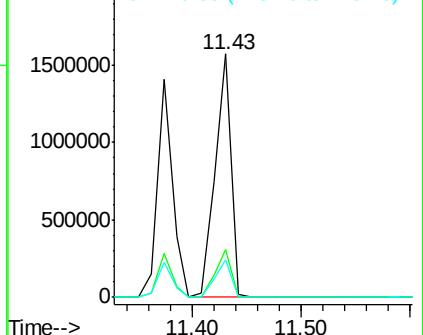
#71
 Anthracene
 Concen: 42.63 ng
 RT: 11.43 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1625880
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.4 12.7 19.1

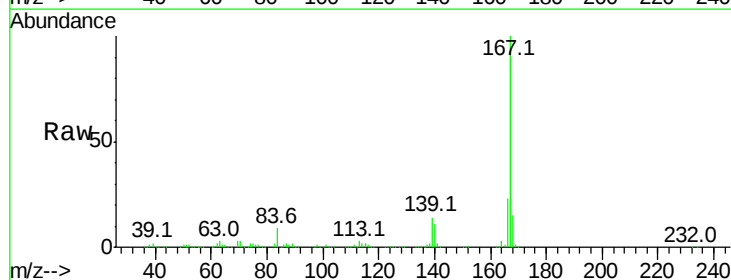


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

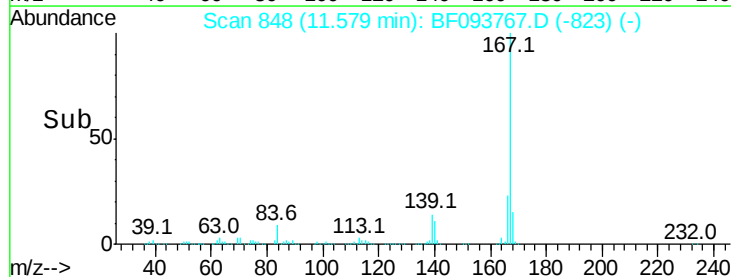
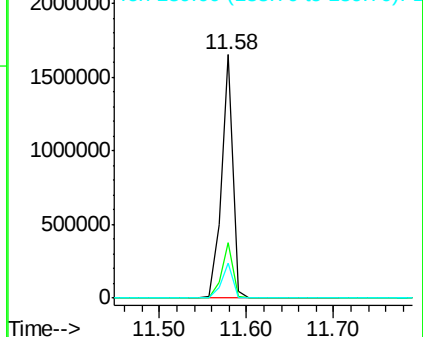


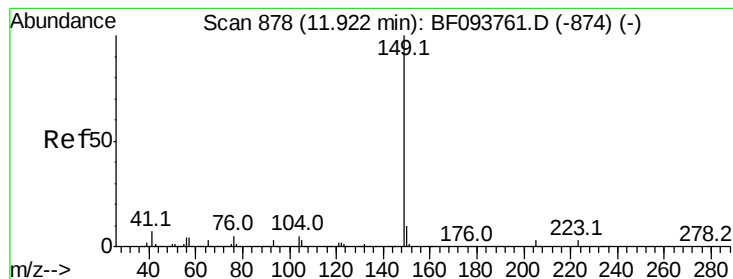
#72
 Carbazole
 Concen: 40.42 ng
 RT: 11.58 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Tgt Ion:167 Resp: 1526480
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.1 27.1
 139 14.3 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.95 ng

RT: 11.92 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

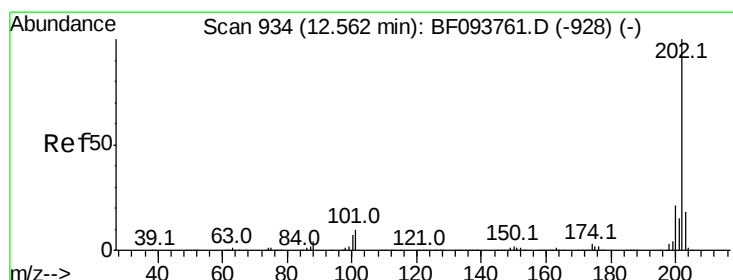
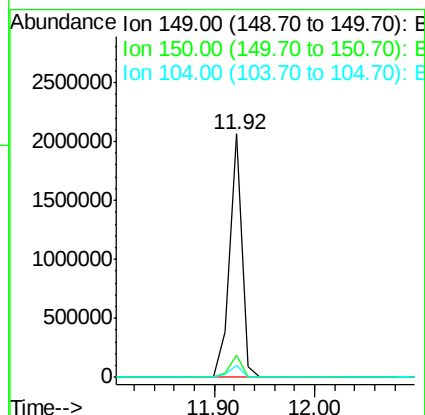
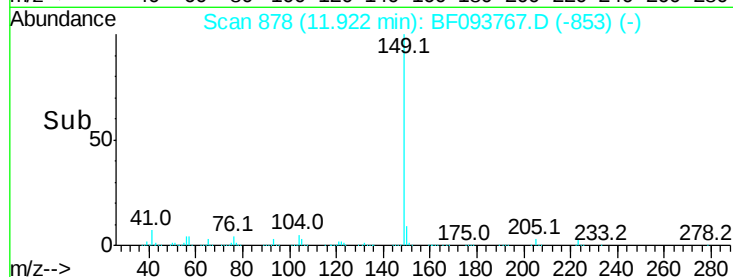
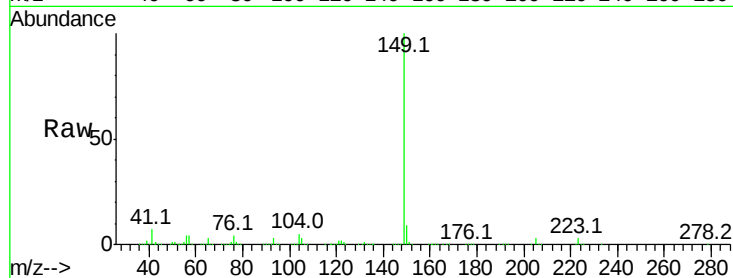
Tot Ion:149 Resp: 1745778

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

104 4.8 4.0 6.0



#74

Fluoranthene

Concen: 41.83 ng

RT: 12.56 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

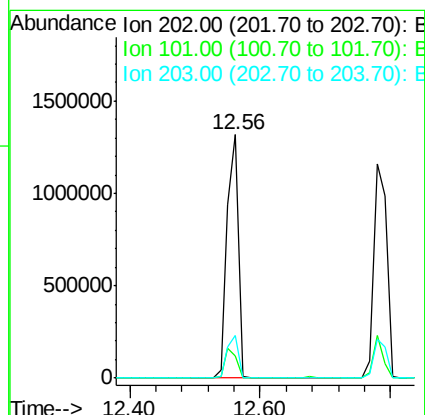
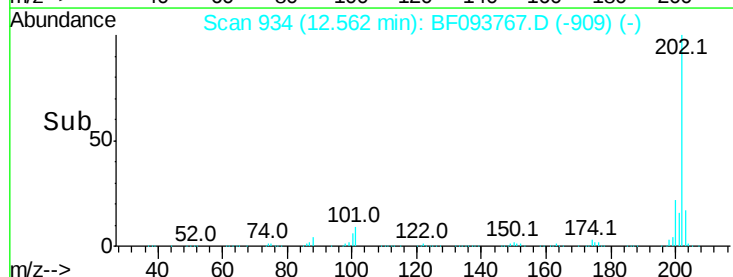
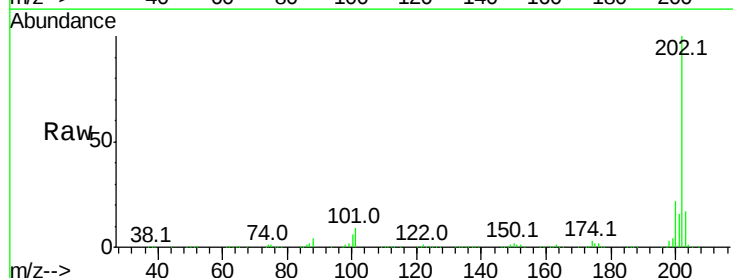
Tgt Ion:202 Resp: 1592773

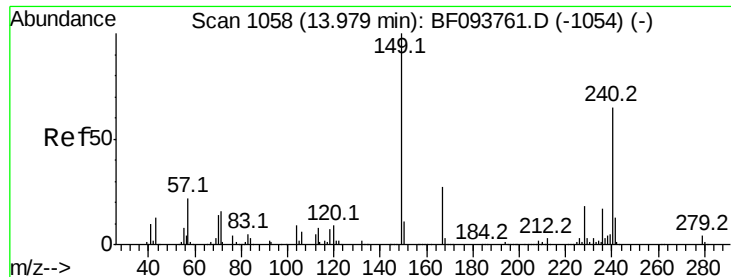
Ion Ratio Lower Upper

202 100

101 8.9 0.0 33.2

203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

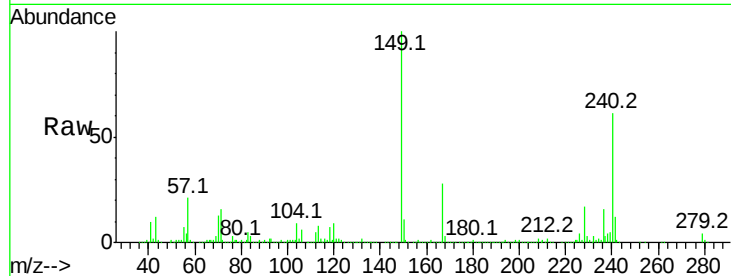
Tot Ion:240 Resp: 474751

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

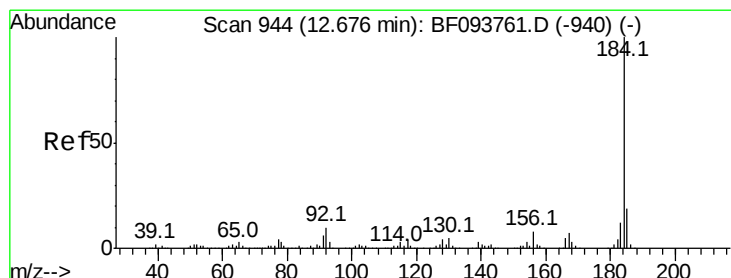
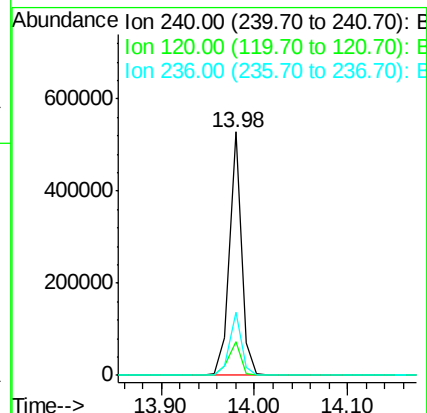
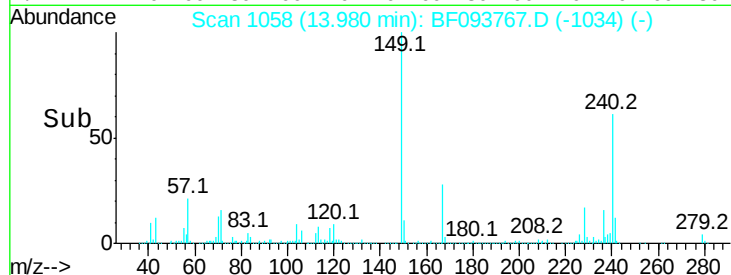
236 25.9 20.5 30.7



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: 39.37 ng

RT: 12.68 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

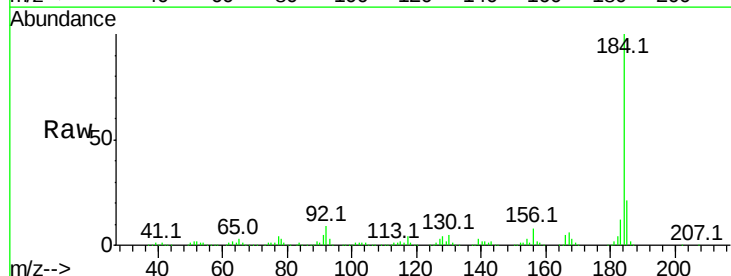
Tgt Ion:184 Resp: 820032

Ion Ratio Lower Upper

184 100

185 21.1 15.5 23.3

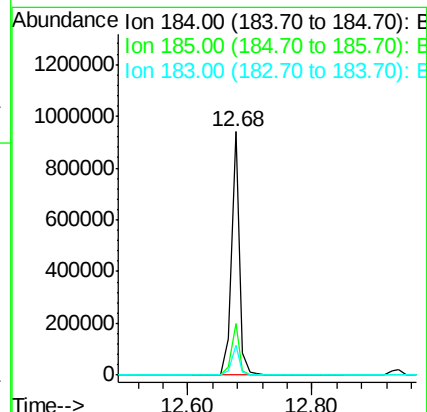
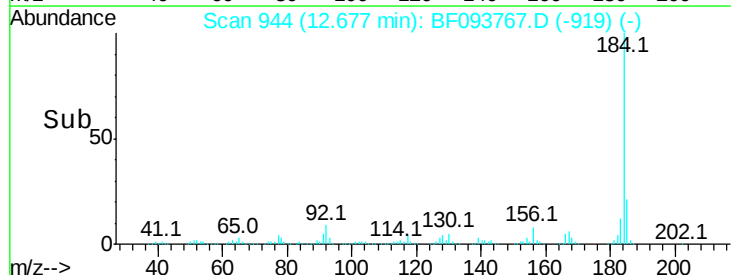
183 12.1 9.8 14.6

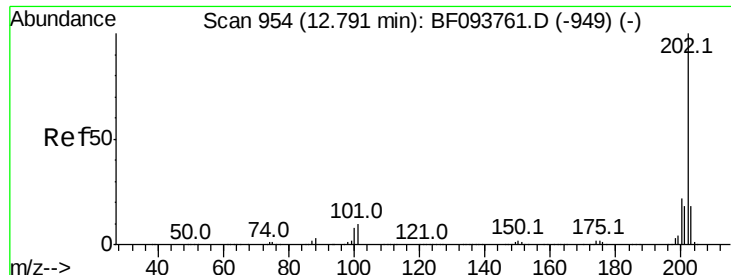


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

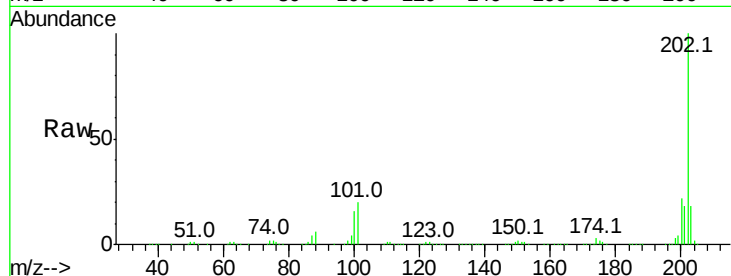




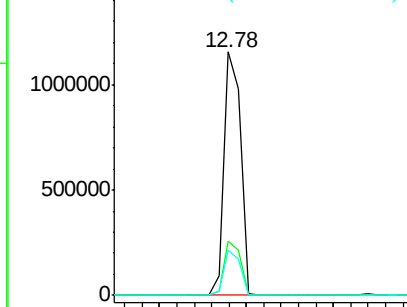
#77
Pvrene
Concen: 39.01 ng
RT: 12.78 min Scan# 953
Delta R.T. -0.02 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

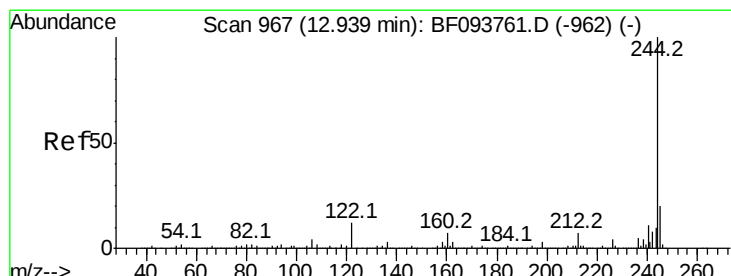
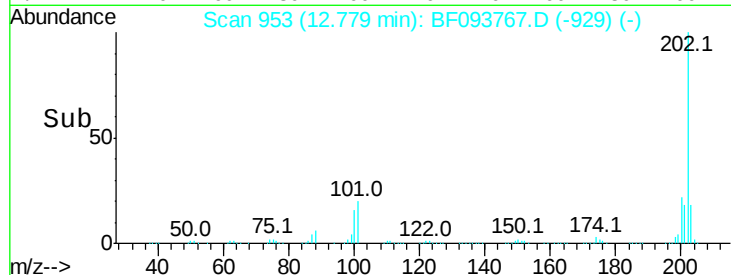
Tot Ion:202 Resp: 1541392
Ion Ratio Lower Upper
202 100
200 22.3 17.6 26.4
203 18.4 14.4 21.6



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

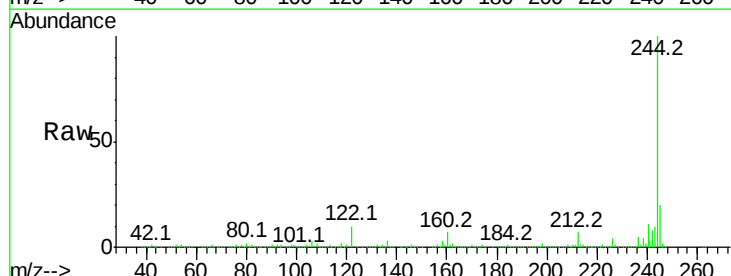


Time-->

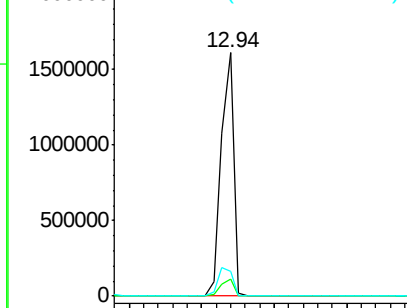


#78
Terphenyl-d14
Concen: 82.90 ng
RT: 12.94 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

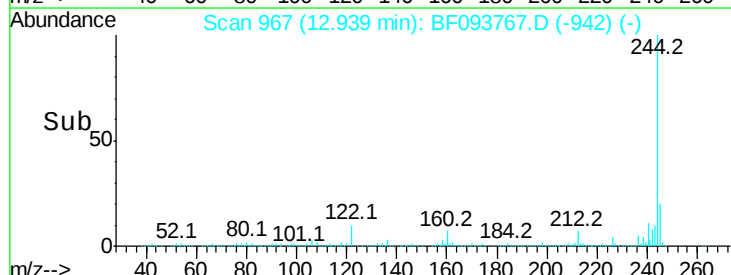
Tgt Ion:244 Resp: 1930424
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 10.3 10.3 15.5#

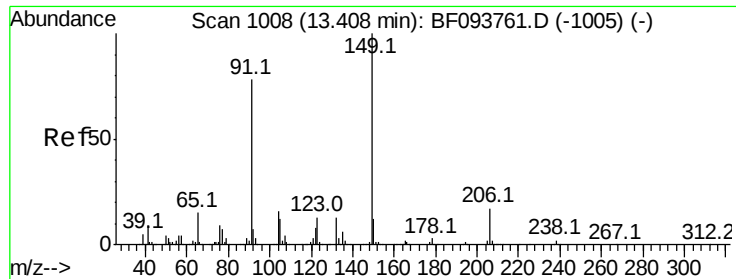


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->

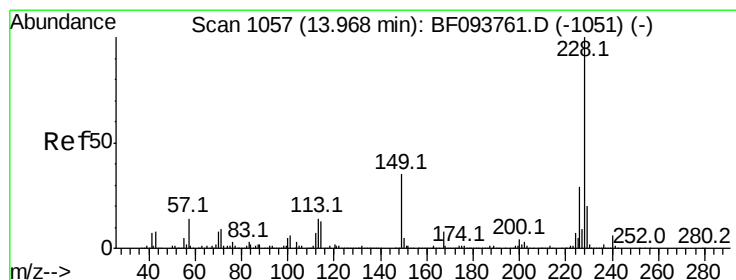
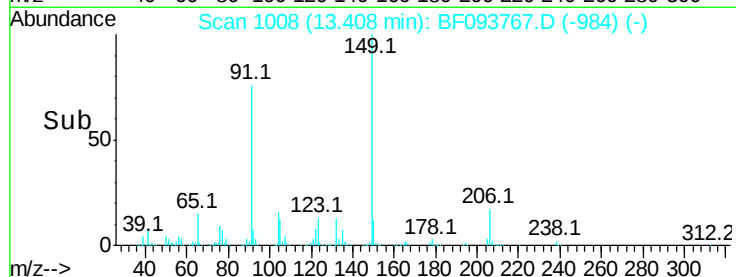
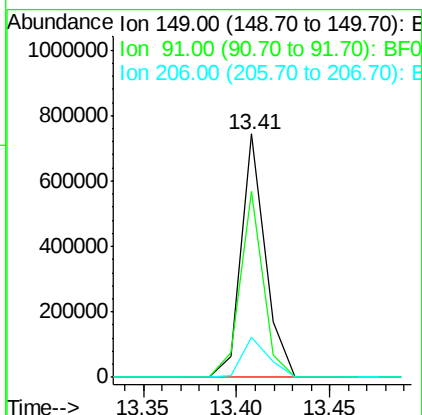
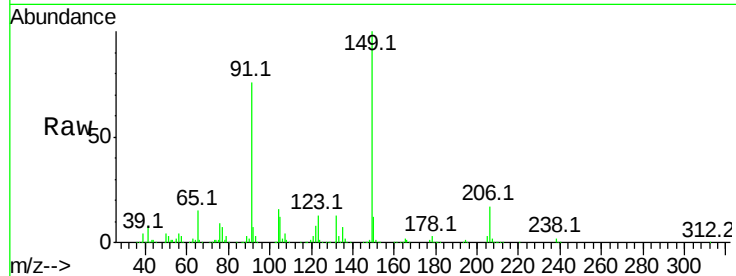




#79
Butylbenzylphthalate
Concen: 38.05 ng
RT: 13.41 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

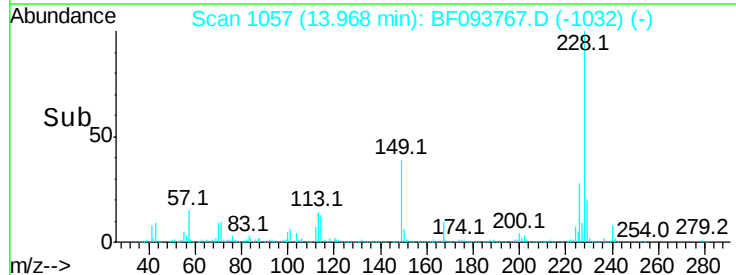
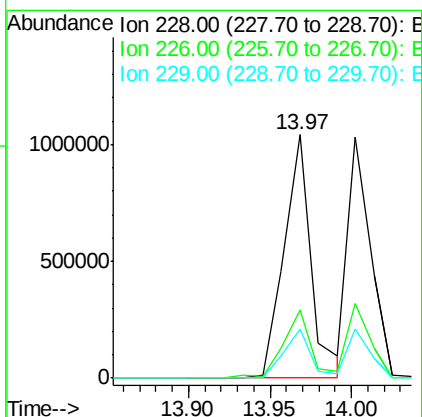
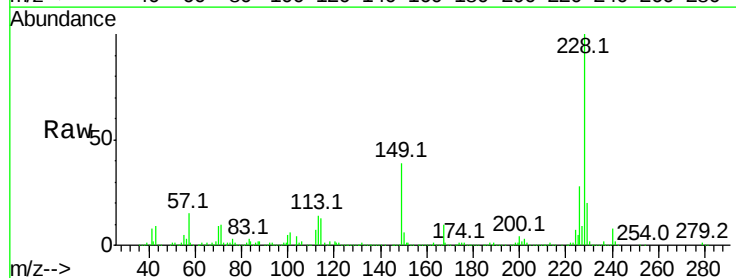
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

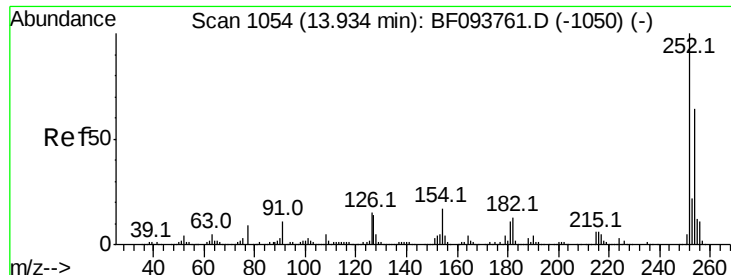
Tot Ion:149 Resp: 671894
Ion Ratio Lower Upper
149 100
91 76.4 45.0 67.4#
206 16.7 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 40.68 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion:228 Resp: 1209594
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 20.1 16.3 24.5

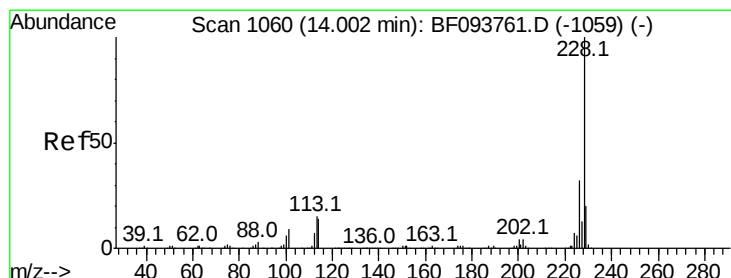
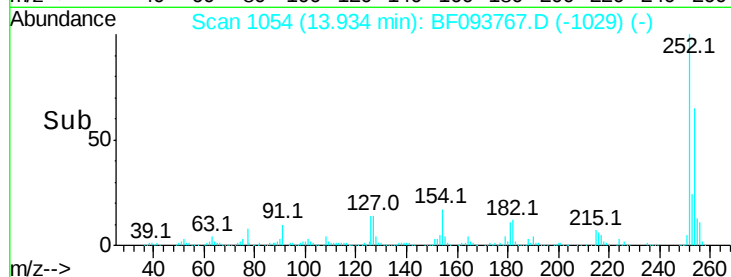
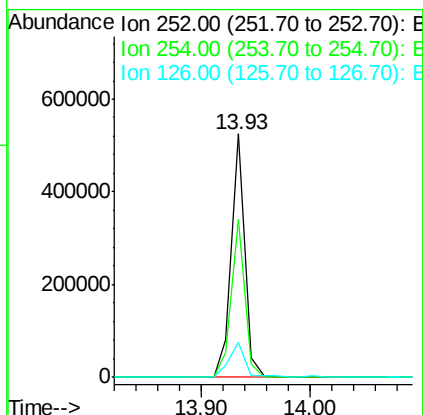
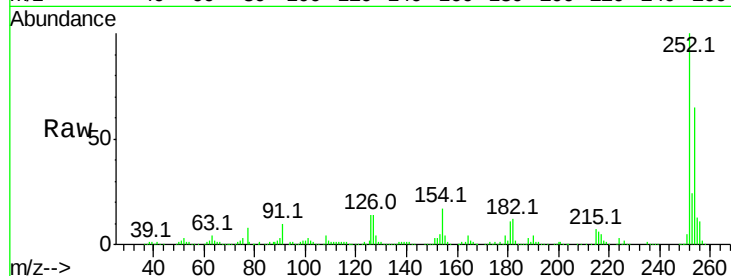




#81
 3,3'-Dichlorobenzidine
 Concen: 40.19 ng
 RT: 13.93 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

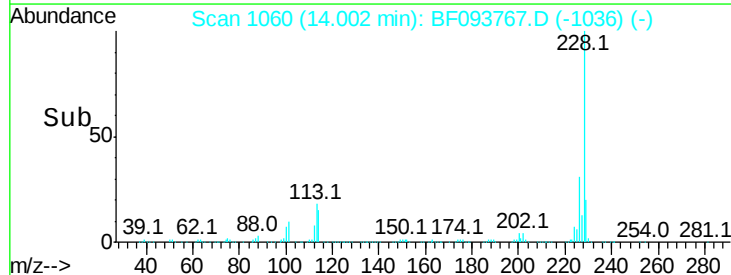
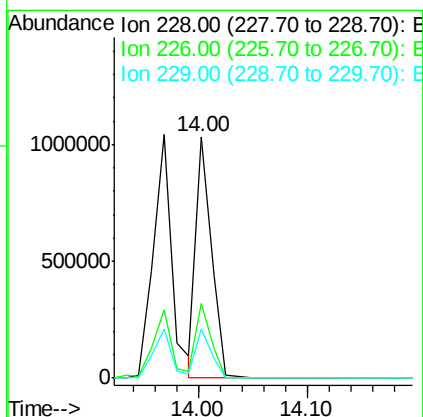
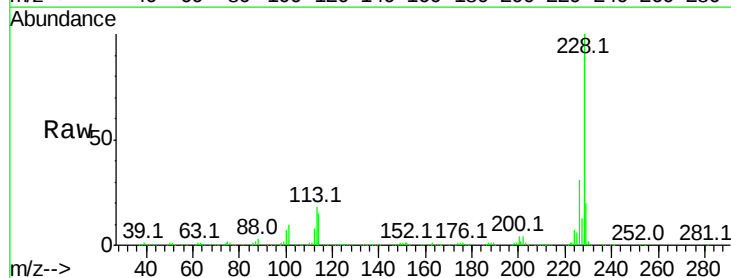
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

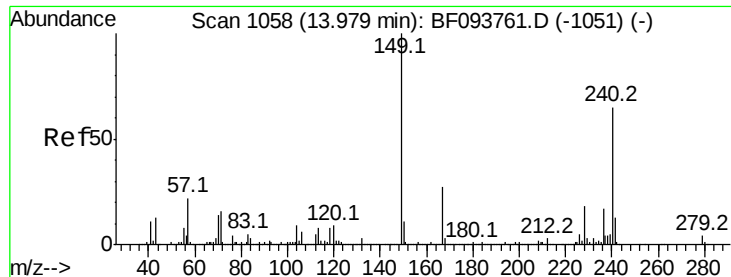
Tot Ion:252 Resp: 450371
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.5 77.3
 126 14.5 15.8 23.8#



#82
 Chrysene
 Concen: 34.75 ng
 RT: 14.00 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BF093767.D
 Acq: 20 Mar 2017 16:20

Tgt Ion:228 Resp: 1032375
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 20.3 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.33 ng

RT: 13.98 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

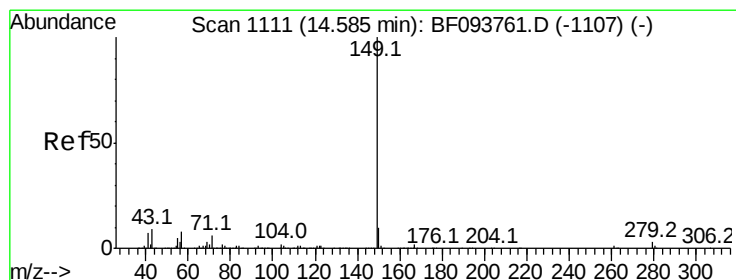
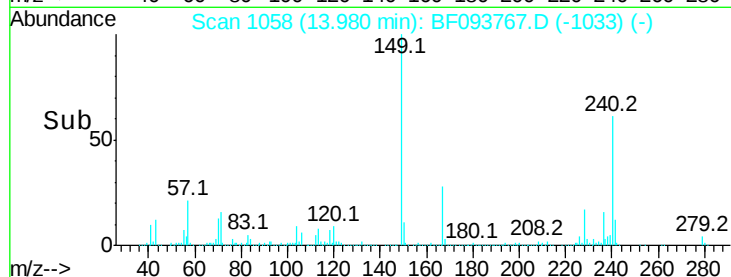
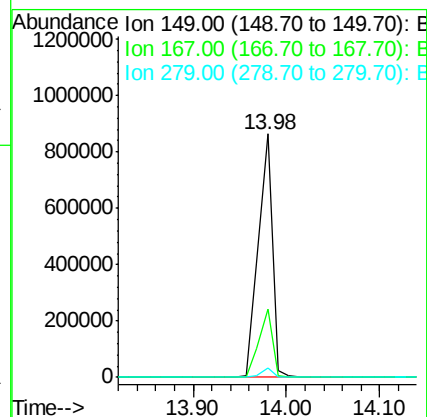
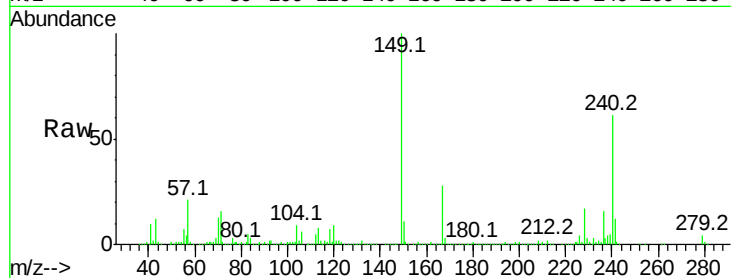
Tot Ion:149 Resp: 900357

Ion Ratio Lower Upper

149 100

167 27.8 21.0 31.4

279 3.6 1.9 2.9#



#84

Di-n-octyl phthalate

Concen: 42.92 ng

RT: 14.59 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

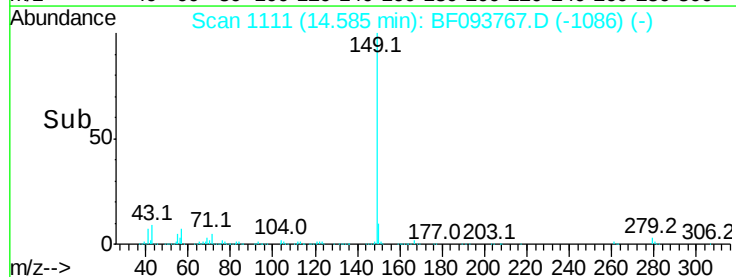
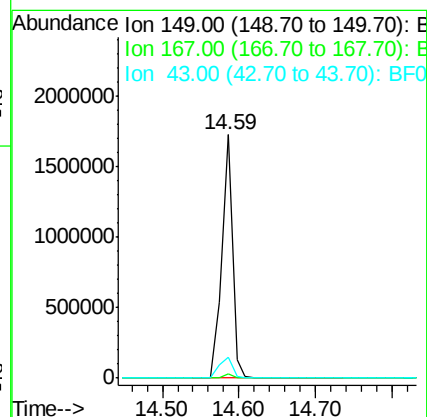
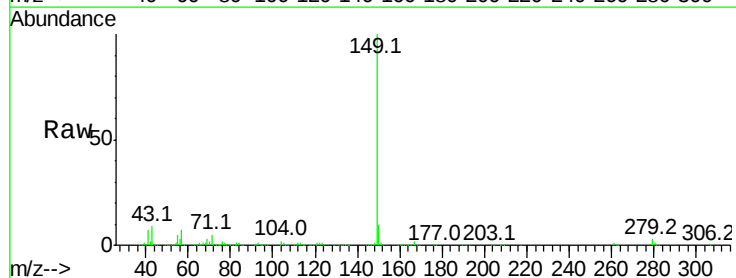
Tgt Ion:149 Resp: 1665457

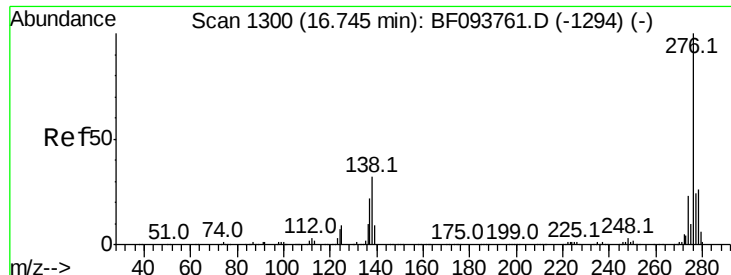
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.6 8.5 12.7

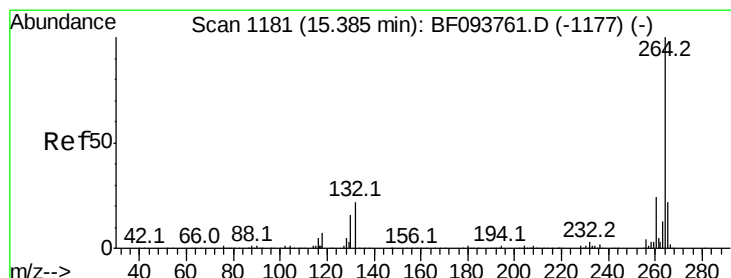
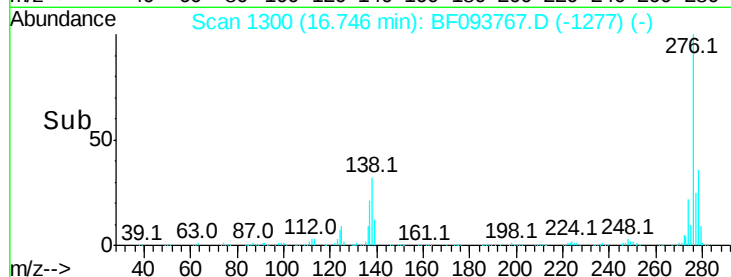
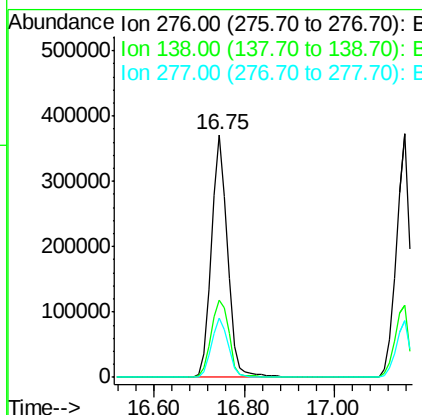
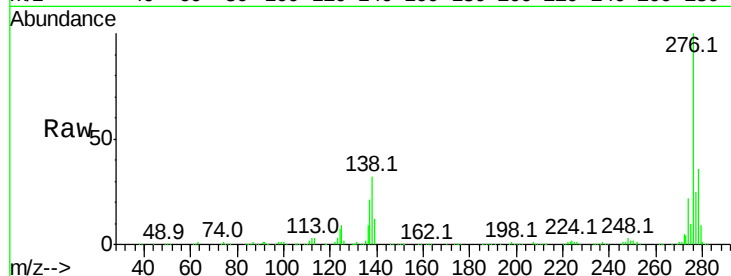




#85
Indeno(1,2,3-cd)pyrene
Concen: 38.19 ng
RT: 16.75 min Scan# 1300
Delta R.T. -0.03 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

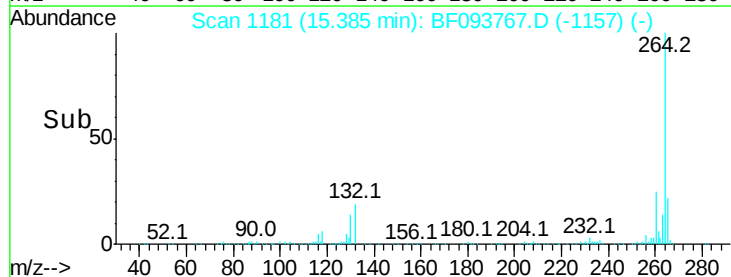
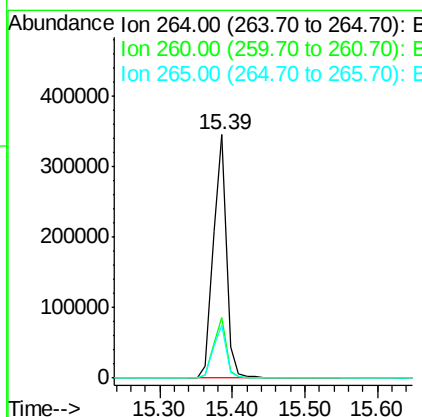
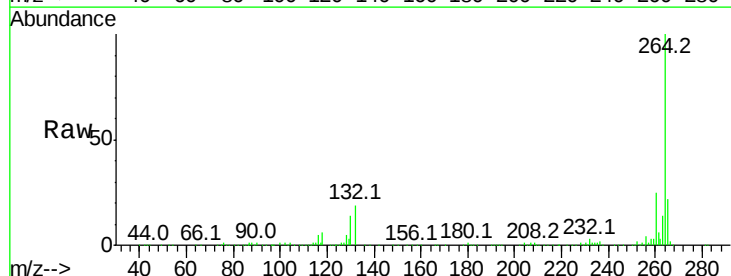
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

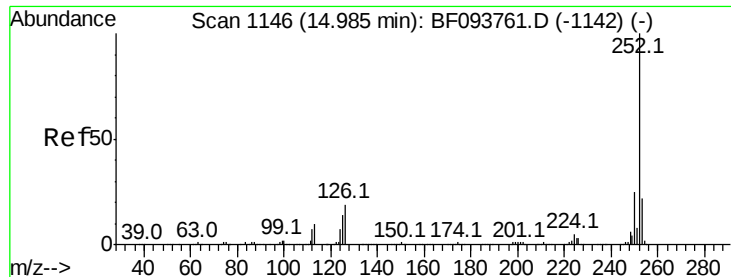
Tot Ion:276 Resp: 929235
Ion Ratio Lower Upper
276 100
138 35.8 27.8 41.6
277 25.4 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion:264 Resp: 433821
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 21.6 17.2 25.8

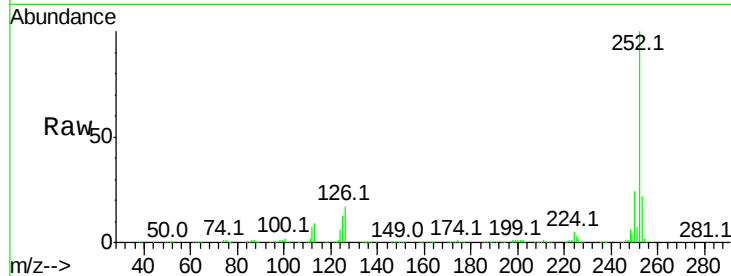




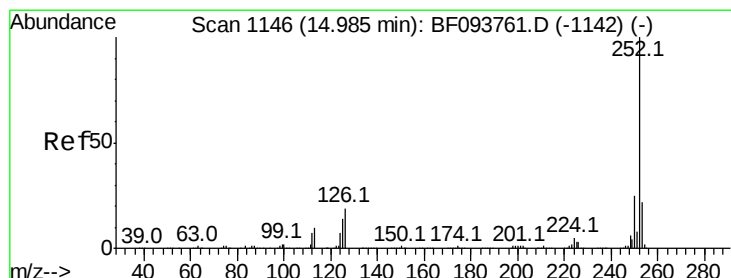
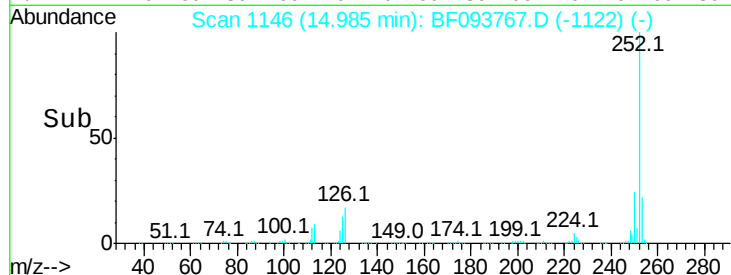
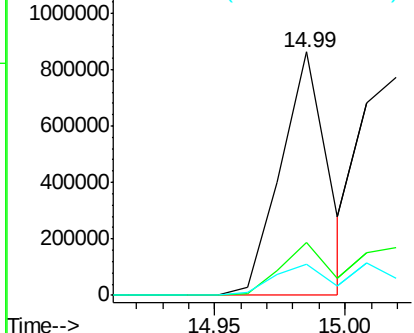
#87
Benzo(b)fluoranthene
Concen: 36.78 ng
RT: 14.99 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1075779
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 12.7 9.8 14.8

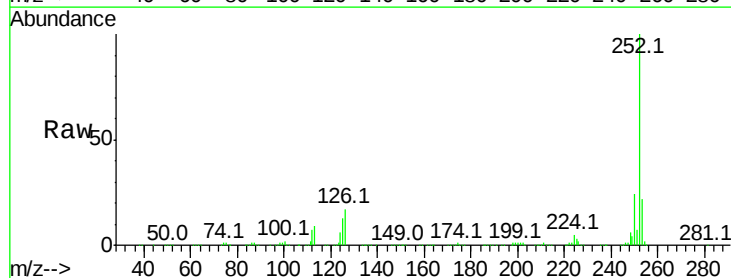


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

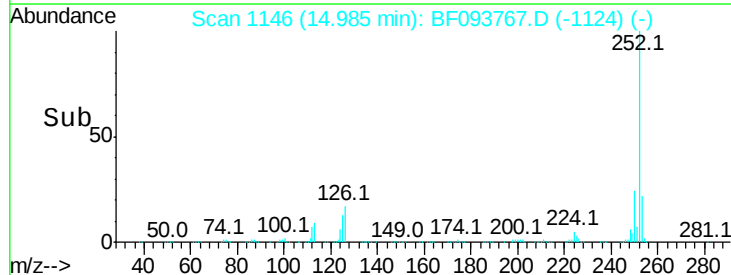
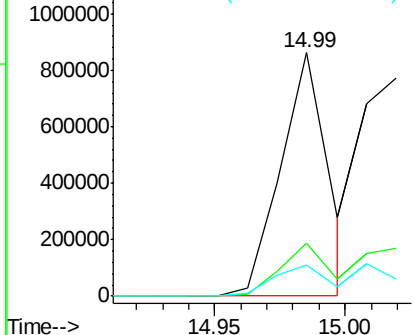


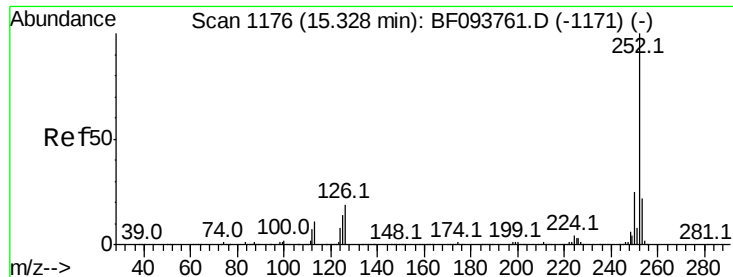
#88
Benzo(k)fluoranthene
Concen: 49.82 ng
RT: 14.99 min Scan# 1146
Delta R.T. -0.04 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion:252 Resp: 1075779
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 12.7 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

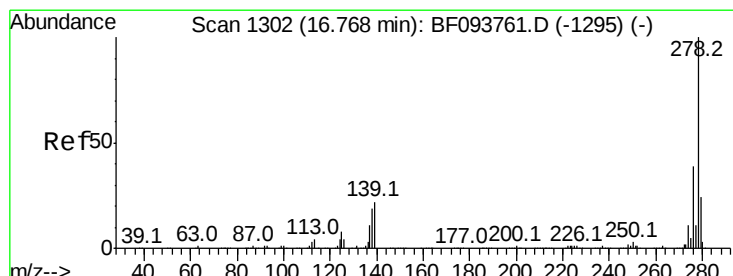
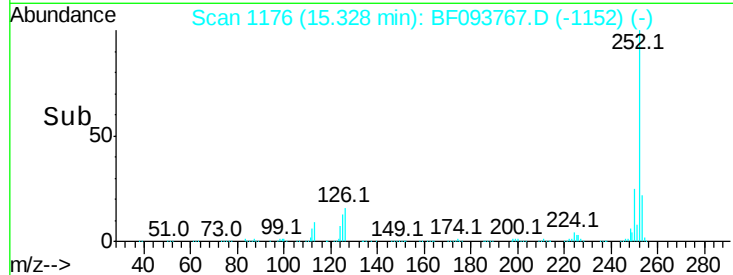
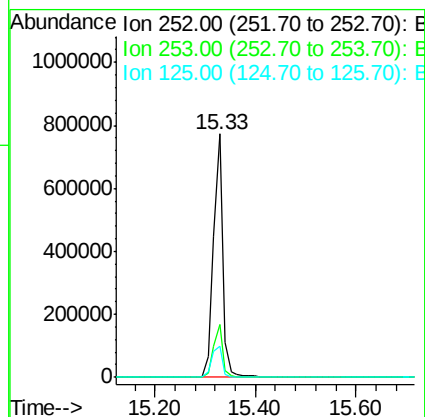
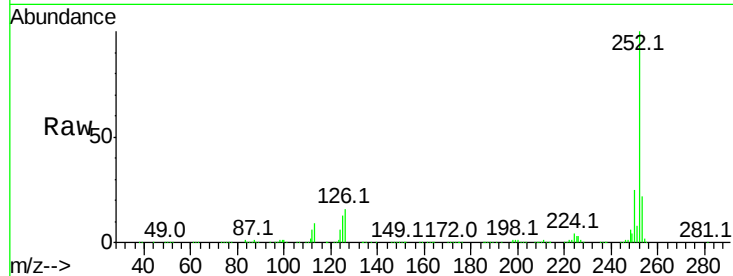




#89
Benzo(a)pyrene
Concen: 41.87 ng
RT: 15.33 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

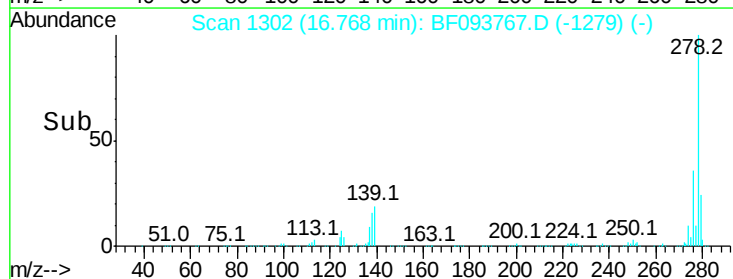
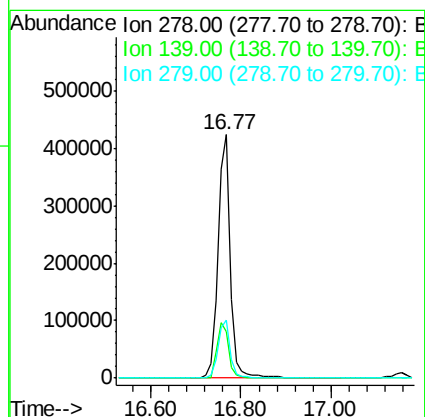
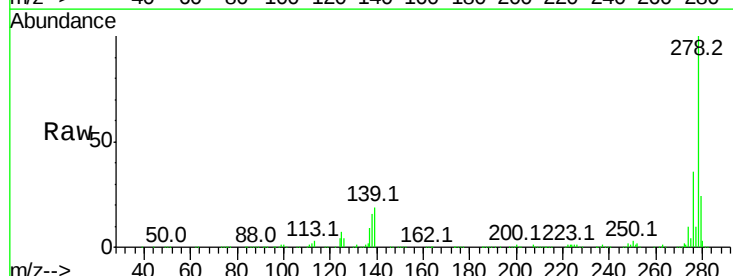
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

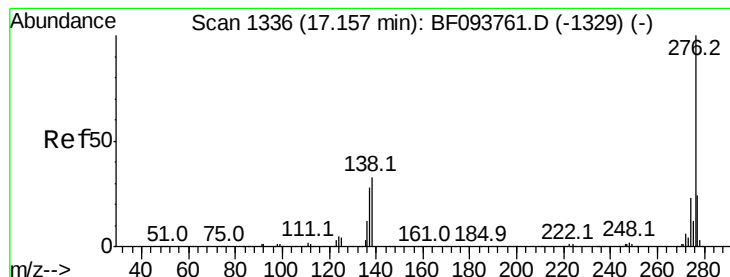
Tot Ion:252 Resp: 993034
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 13.0 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 40.85 ng
RT: 16.77 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BF093767.D
Acq: 20 Mar 2017 16:20

Tgt Ion:278 Resp: 804474
Ion Ratio Lower Upper
278 100
139 19.3 16.6 24.8
279 23.7 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 40.41 ng

RT: 17.16 min Scan# 1336

Delta R.T. -0.03 min

Lab File: BF093767.D

Acq: 20 Mar 2017 16:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

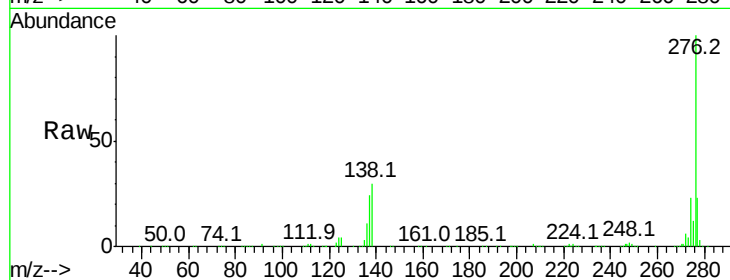
Tot Ion:276 Resp: 789866

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 29.5 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

