

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094018.D
 Acq On : 29 Mar 2017 14:55
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 30 07:04:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	181866	20.00	ng	-0.03
21) Naphthalene-d8	7.43	136	748810	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	355309	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	642934	20.00	ng	-0.03
75) Chrysene-d12	14.65	240	527961	20.00	ng	-0.03
86) Perylene-d12	16.28	264	468377	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	4.45	112	840607	78.07	ng	-0.03
7) Phenol-d6	5.53	99	1043775	78.36	ng	-0.02
23) Nitrobenzene-d5	6.58	82	1039316	79.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	248230	88.41	ng	-0.03
44) 2-Fluorobiphenyl	8.76	172	1851024	79.46	ng	-0.02
78) Terphenyl-d14	13.37	244	1818279	77.20	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.27	88	198524	38.38	ng	98
3) Pyridine	2.77	79	533256	37.82	ng	99
4) n-Nitrosodimethylamine	2.73	42	223476	38.52	ng	92
6) Aniline	5.55	93	699909	37.77	ng	# 84
8) 2-Chlorophenol	5.69	128	476050	40.22	ng	95
9) Benzaldehyde	5.42	77	321578	35.75	ng	99
10) Phenol	5.54	94	583884	38.52	ng	82
11) bis(2-Chloroethyl)ether	5.63	93	471532	39.81	ng	98
12) 1,3-Dichlorobenzene	5.86	146	534848	40.29	ng	100
13) 1,4-Dichlorobenzene	5.95	146	542859	40.37	ng	97
14) 1,2-Dichlorobenzene	6.12	146	496805	40.12	ng	95
15) Benzyl Alcohol	6.09	79	378352	38.81	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.25	45	686336	37.60	ng	98
17) 2-Methylphenol	6.23	107	407840	40.24	ng	97
18) Hexachloroethane	6.52	117	190818	40.38	ng	# 87
19) n-Nitroso-di-n-propylamine	6.41	70	334658	39.09	ng	98
20) 3+4-Methylphenols	6.41	107	497910	40.56	ng	# 68
22) Acetophenone	6.40	105	679594	40.72	ng	# 89
24) Nitrobenzene	6.60	77	507484	39.22	ng	94
25) Isophorone	6.89	82	927166	40.21	ng	96
26) 2-Nitrophenol	6.97	139	271258	43.95	ng	95
27) 2,4-Dimethylphenol	7.04	122	426567	40.11	ng	97
28) bis(2-Chloroethoxy)methane	7.15	93	601850	39.58	ng	99
29) 2,4-Dichlorophenol	7.27	162	413000	41.54	ng	100
30) 1,2,4-Trichlorobenzene	7.36	180	414890	40.52	ng	98
31) Naphthalene	7.46	128	1429896	39.71	ng	100
32) Benzoic acid	7.20	122	285717	40.36	ng	92
33) 4-Chloroaniline	7.52	127	595020	40.77	ng	95
34) Hexachlorobutadiene	7.61	225	212412	40.45	ng	99
35) Caprolactam	7.97	113	136322	43.00	ng	94
36) 4-Chloro-3-methylphenol	8.13	107	435807	41.95	ng	90
37) 2-Methylnaphthalene	8.30	142	980544	40.85	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	380855	39.18	ng	100
40) Hexachlorocyclopentadiene	8.49	237	191362	42.07	ng	99

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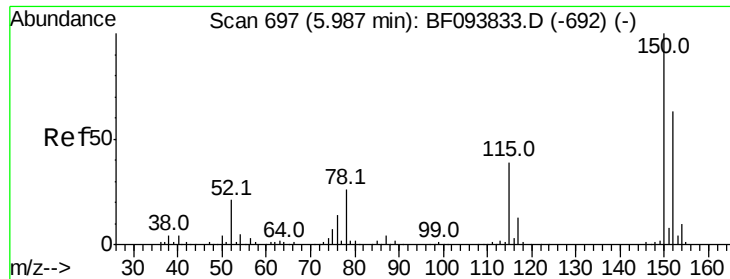
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	280385	40.77	nq	98
43) 2,4,5-Trichlorophenol	8.70	196	308824	41.50	nq	93
45) 1,1'-Biphenyl	8.87	154	1109594	38.72	nq	98
46) 2-Chloronaphthalene	8.89	162	869798	38.77	nq	95
47) 2-Nitroaniline	9.02	65	273039	41.03	nq	87
48) Acenaphthylene	9.40	152	1470816	39.45	nq	99
49) Dimethylphthalate	9.26	163	1046033	41.42	nq	99
50) 2,6-Dinitrotoluene	9.33	165	244096	42.16	nq	93
51) Acenaphthene	9.62	154	841344	38.67	nq	99
52) 3-Nitroaniline	9.53	138	276087	40.61	nq	94
53) 2,4-Dinitrophenol	9.66	184	126173	43.01	nq	# 68
54) Dibenzofuran	9.83	168	1136376	38.37	nq	99
55) 4-Nitrophenol	9.76	139	222041	41.70	nq	# 72
56) 2,4-Dinitrotoluene	9.82	165	300371	41.30	nq	# 75
57) Fluorene	10.25	166	935319	38.08	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	214196	41.95	nq	98
59) Diethylphthalate	10.13	149	1027608	41.16	nq	99
60) 4-Chlorophenyl-phenylether	10.25	204	400656	38.29	nq	94
61) 4-Nitroaniline	10.29	138	281635	43.17	nq	96
62) Azobenzene	10.45	77	931362	39.44	nq	94
64) 4,6-Dinitro-2-methylphenol	10.32	198	173176	43.98	nq	# 74
65) n-Nitrosodiphenylamine	10.40	169	866359	38.97	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	254276	40.21	nq	98
67) Hexachlorobenzene	10.92	284	263166	41.11	nq	# 87
68) Atrazine	11.07	200	271307	40.74	nq	98
69) Pentachlorophenol	11.17	266	152757	38.34	nq	98
70) Phenanthrene	11.43	178	1395527	39.02	nq	99
71) Anthracene	11.49	178	1444899	39.24	nq	99
72) Carbazole	11.69	167	1489332	39.44	nq	99
73) Di-n-butylphthalate	12.14	149	1617330	41.18	nq	100
74) Fluoranthene	12.89	202	1465882	40.03	nq	99
76) Benzidine	13.05	184	521965	24.98	nq	97
77) Pyrene	13.16	202	1512734	39.48	nq	99
79) Butylbenzylphthalate	13.98	149	693288	42.47	nq	# 85
80) Benzo(a)anthracene	14.64	228	1236083	40.15	nq	99
81) 3,3'-Dichlorobenzidine	14.62	252	459262	41.73	nq	# 95
82) Chrysene	14.69	228	1111268	38.90	nq	100
83) Bis(2-ethylhexyl)phthalate	14.70	149	916624	41.15	nq	# 99
84) Di-n-octyl phthalate	15.45	149	1595448	42.88	nq	98
85) Indeno(1,2,3-cd)pyrene	17.64	276	1091901	44.13	nq	99
87) Benzo(b)fluoranthene	15.87	252	1179381	41.08	nq	99
88) Benzo(k)fluoranthene	15.90	252	1045076	37.20	nq	# 96
89) Benzo(a)pyrene	16.22	252	1057841	40.01	nq	99
90) Dibenzo(a,h)anthracene	17.67	278	913393	40.79	nq	99
91) Benzo(g,h,i)perylene	18.05	276	911387	40.39	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: 5.92 min Scan# 686

Delta R.T. -0.03 min

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SSTDCCC040

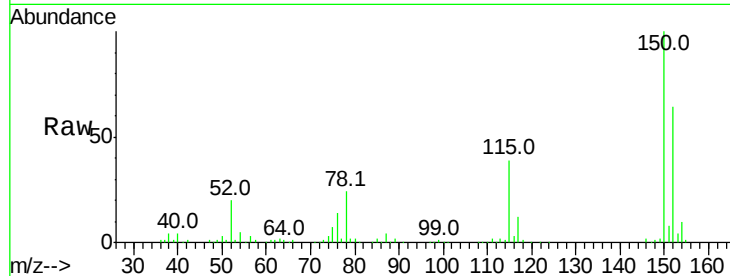
Tot Ion:152 Resp: 181866

Ion Ratio Lower Upper

152 100

150 156.1 126.2 189.2

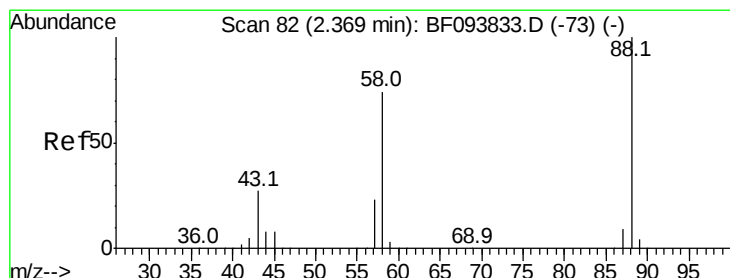
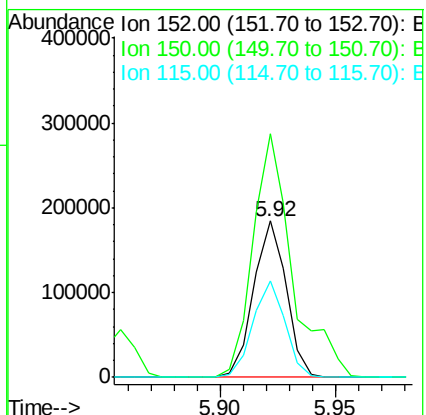
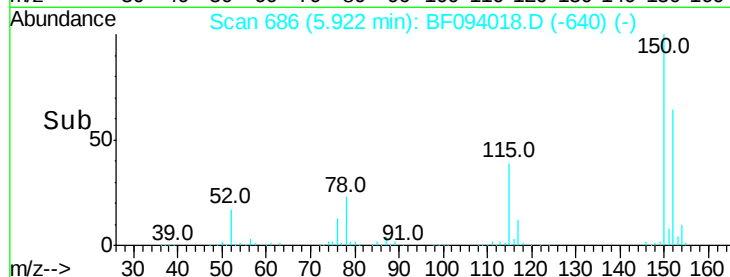
115 61.5 52.2 78.2



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: 38.38 ng

RT: 2.27 min Scan# 66

Delta R.T. -0.05 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

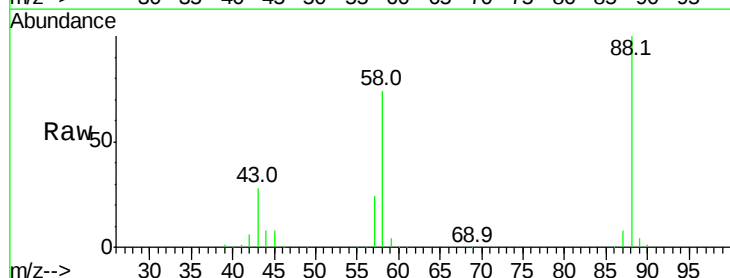
Tgt Ion: 88 Resp: 198524

Ion Ratio Lower Upper

88 100

58 74.9 61.4 92.0

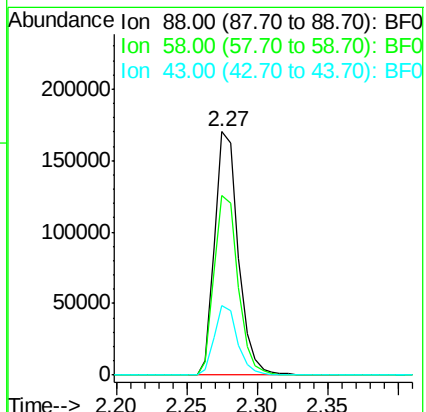
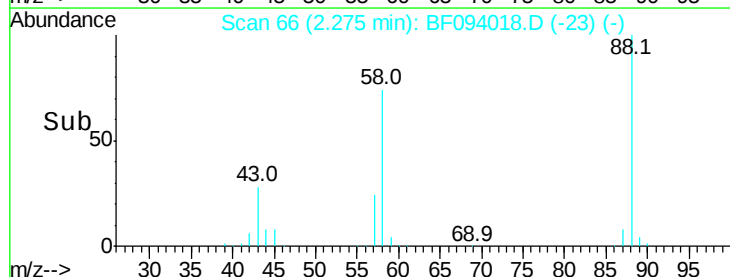
43 27.7 23.4 35.0

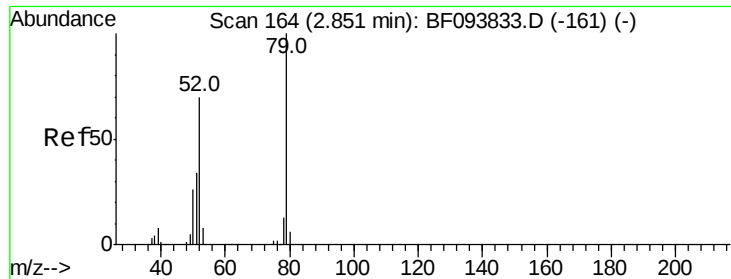


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

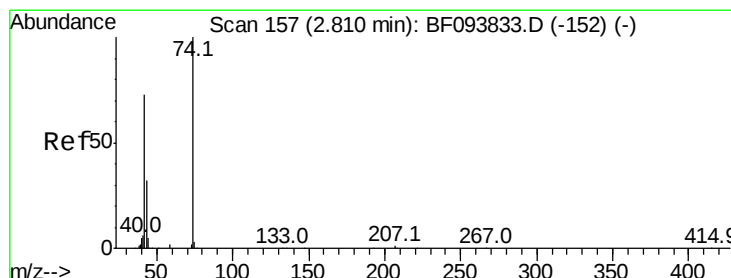
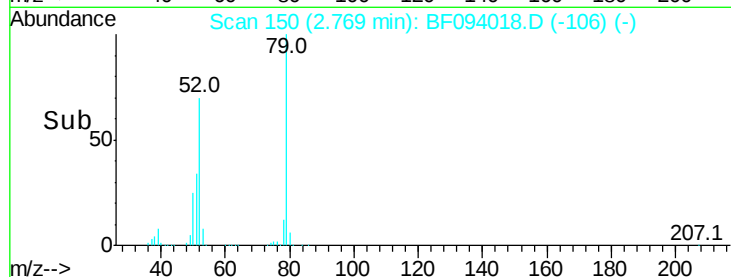
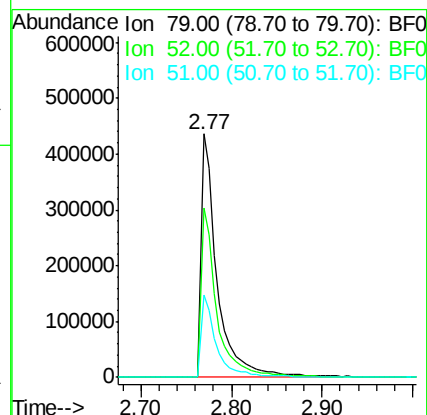
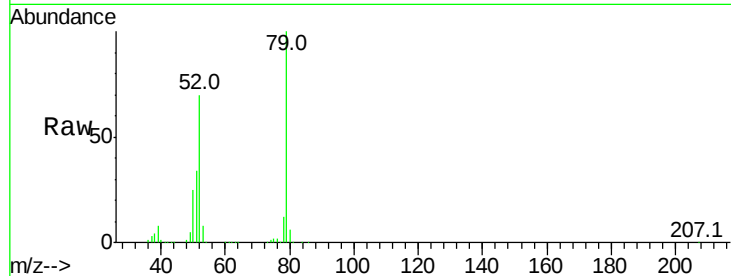




#3
 Pvridine
 Concen: 37.82 ng
 RT: 2.77 min Scan# 150
 Delta R.T. -0.04 min
 Lab File: BF094018.D
 Acq: 29 Mar 2017 14:55

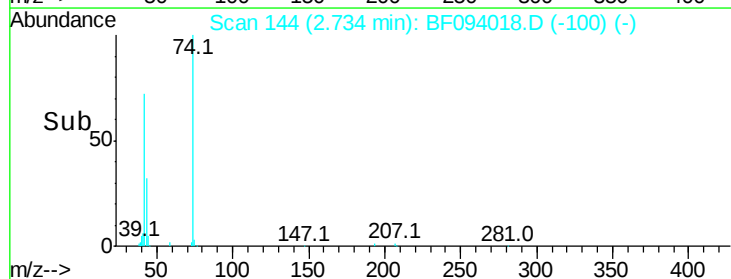
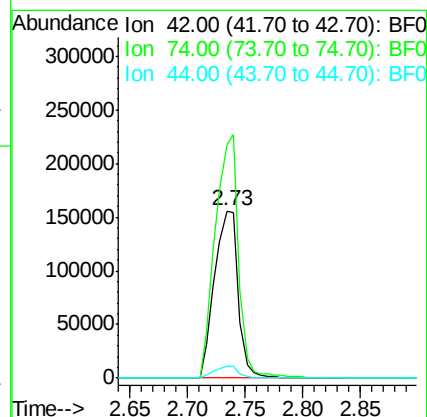
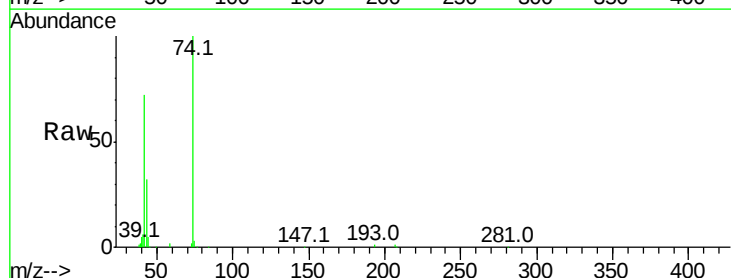
Instrument :
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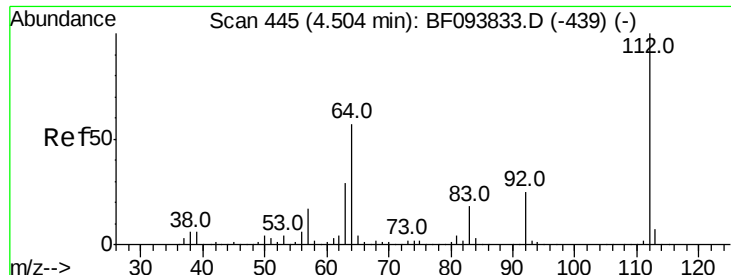
Tot Ion: 79 Resp: 533256
 Ion Ratio Lower Upper
 79 100
 52 69.6 54.8 82.2
 51 33.9 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 38.52 ng
 RT: 2.73 min Scan# 144
 Delta R.T. -0.04 min
 Lab File: BF094018.D
 Acq: 29 Mar 2017 14:55

Tgt Ion: 42 Resp: 223476
 Ion Ratio Lower Upper
 42 100
 74 139.6 103.9 155.9
 44 6.9 5.7 8.5





#5

2-Fluorophenol

Concen: 78.07 ng

RT: 4.45 min Scan# 435

Delta R.T. -0.03 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

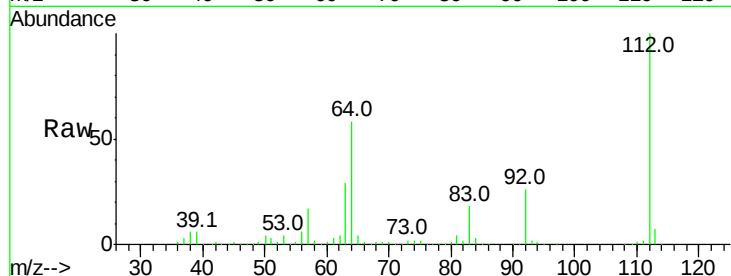
Tot Ion:112 Resp: 840607

Ion Ratio Lower Upper

112 100

64 58.3 46.0 69.0

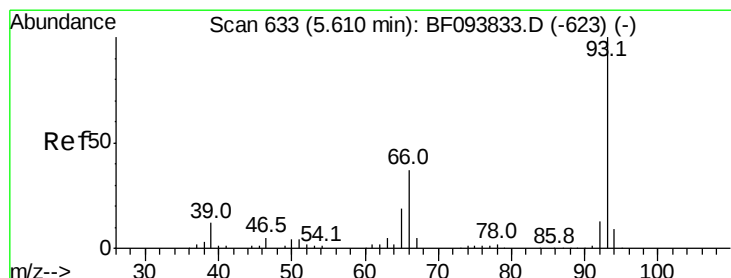
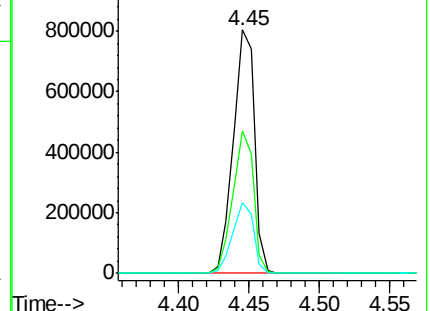
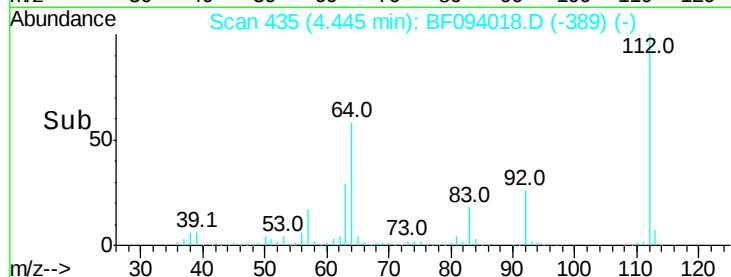
63 29.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.77 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.03 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

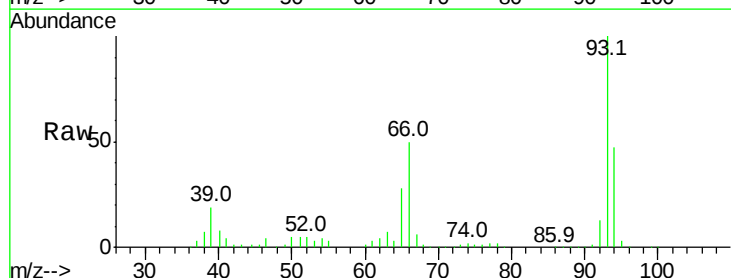
Tgt Ion: 93 Resp: 699909

Ion Ratio Lower Upper

93 100

66 50.4 32.9 49.3#

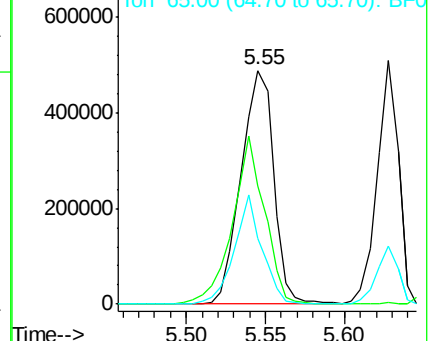
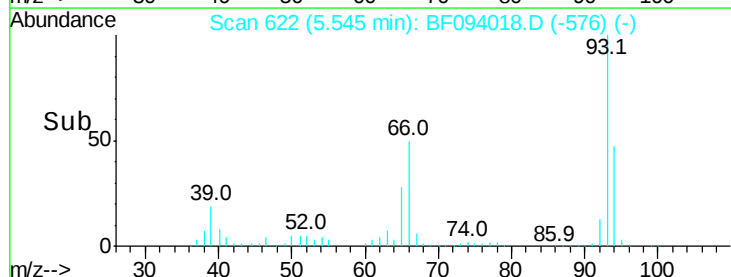
65 28.3 16.0 24.0#

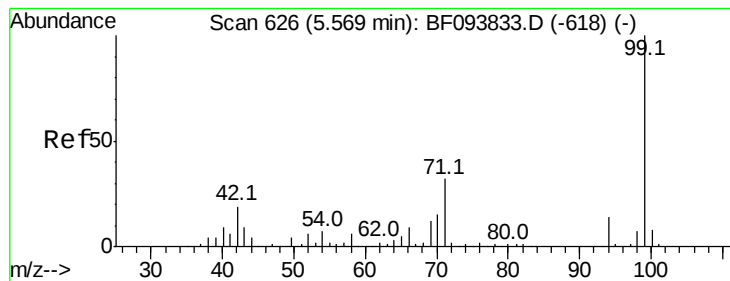


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.36 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

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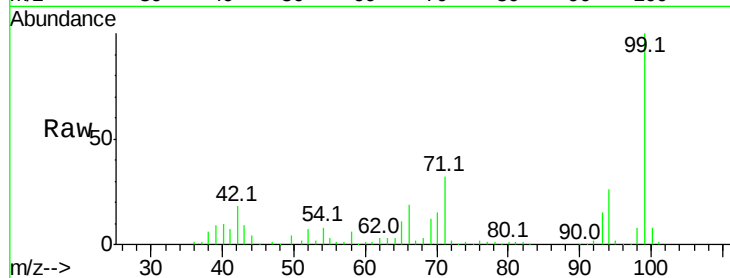
Tot Ion: 99 Resp: 1043775

Ion Ratio Lower Upper

99 100

42 18.1 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

800000

600000

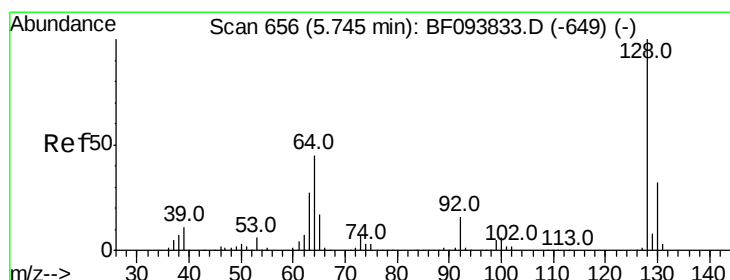
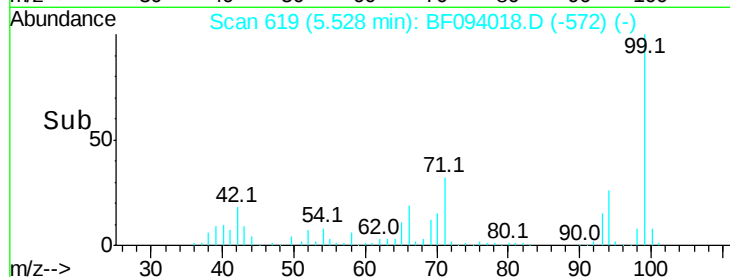
400000

200000

0

5.45 5.50 5.55 5.60

Time-->



#8

2-Chlorophenol

Concen: 40.22 ng

RT: 5.69 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

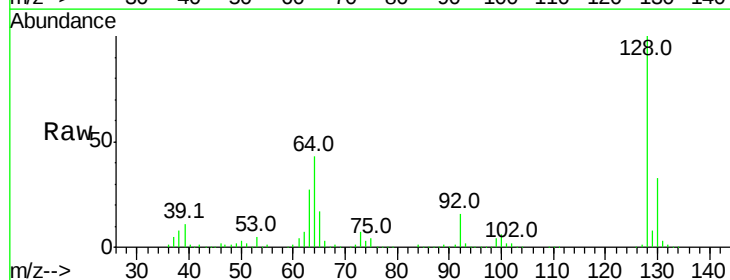
Tgt Ion: 128 Resp: 476050

Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

64 43.2 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

600000

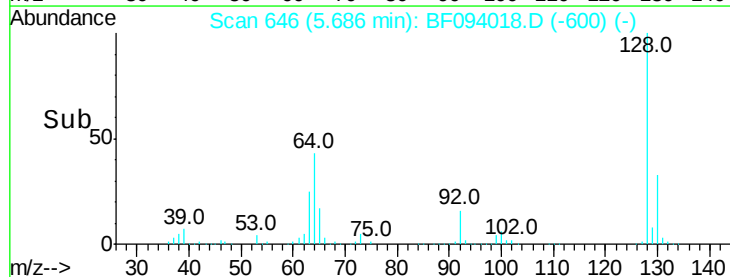
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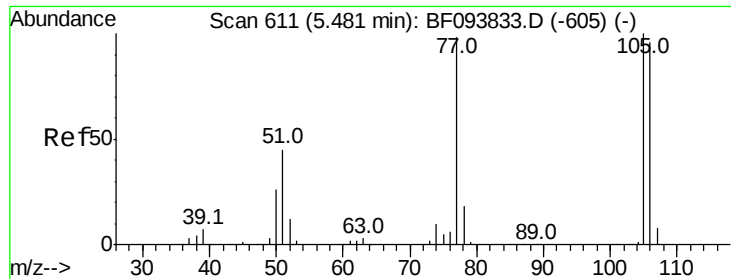
200000

0

5.65 5.70 5.75

Time-->

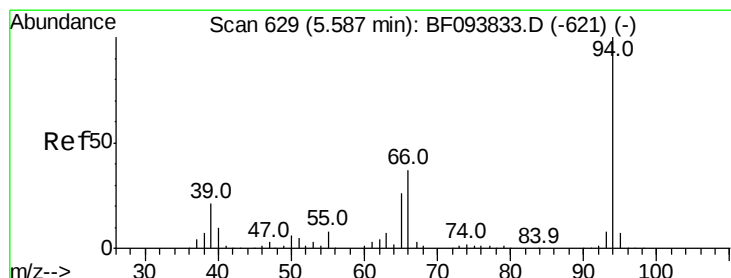
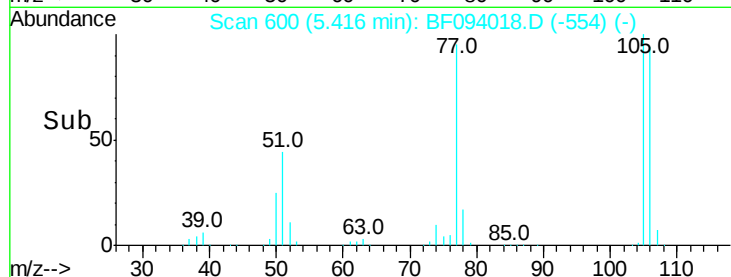
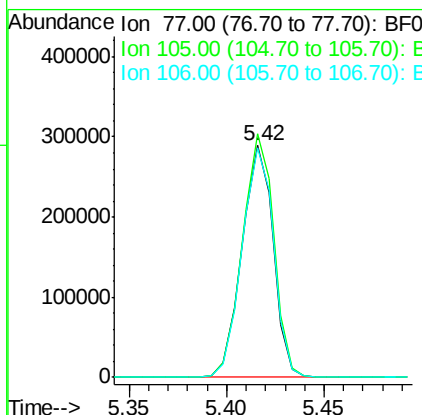
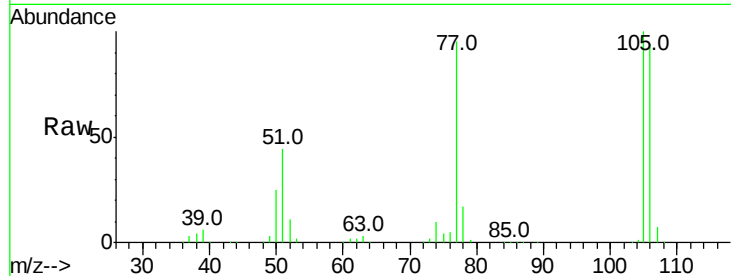




#9
Benzaldehyde
Concen: 35.75 ng
RT: 5.42 min Scan# 600
Delta R.T. -0.03 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

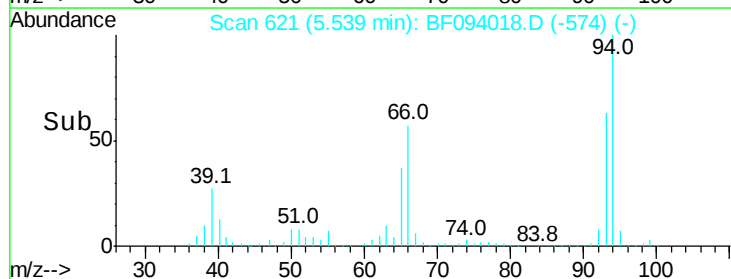
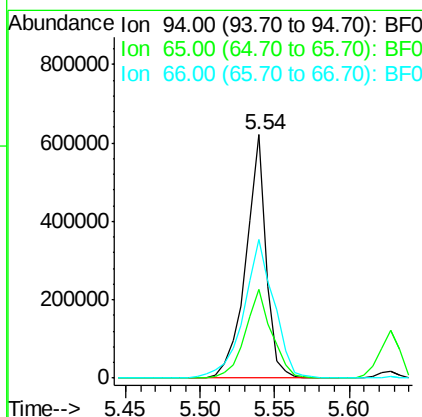
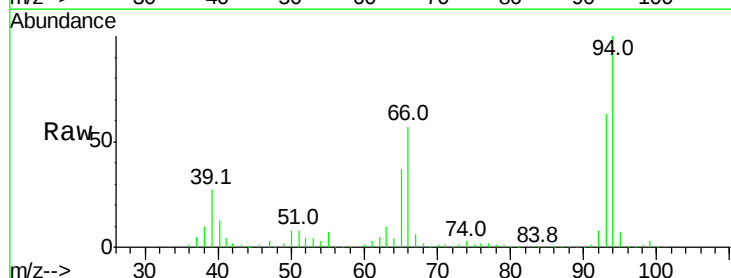
Instrument :
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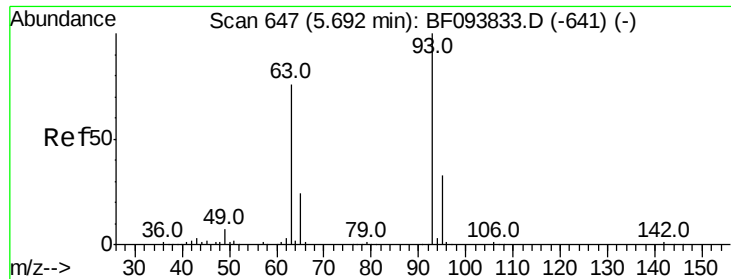
Tot Ion: 77 Resp: 321578
Ion Ratio Lower Upper
77 100
105 105.2 83.8 123.8
106 99.1 79.1 119.1



#10
Phenol
Concen: 38.52 ng
RT: 5.54 min Scan# 621
Delta R.T. -0.02 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

Tgt Ion: 94 Resp: 583884
Ion Ratio Lower Upper
94 100
65 36.6 9.9 49.9
66 56.8 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 39.81 ng

RT: 5.63 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

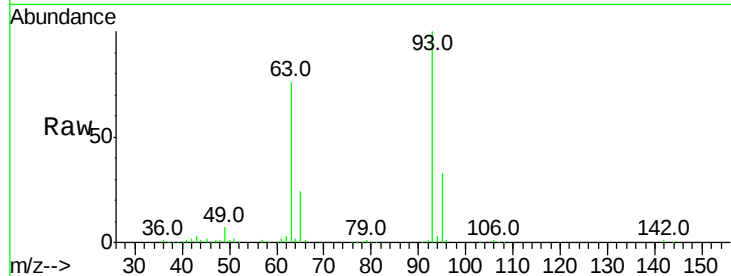
Tot Ion: 93 Resp: 471532

Ion Ratio Lower Upper

93 100

63 76.5 59.2 99.2

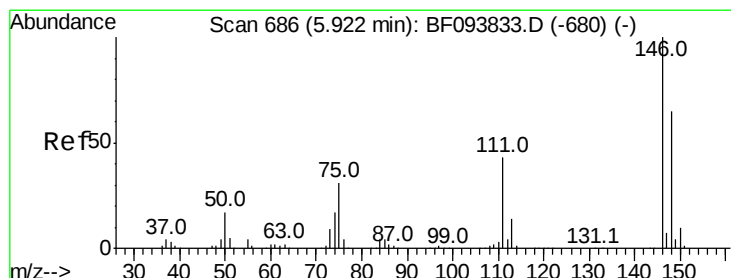
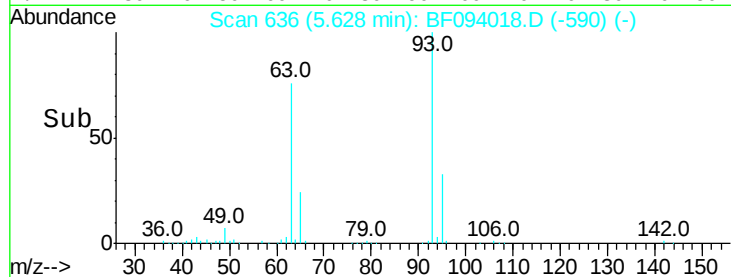
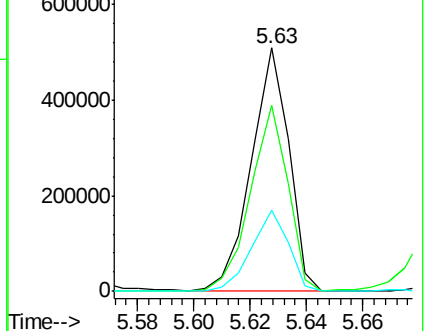
95 33.3 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.29 ng

RT: 5.86 min Scan# 675

Delta R.T. -0.03 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

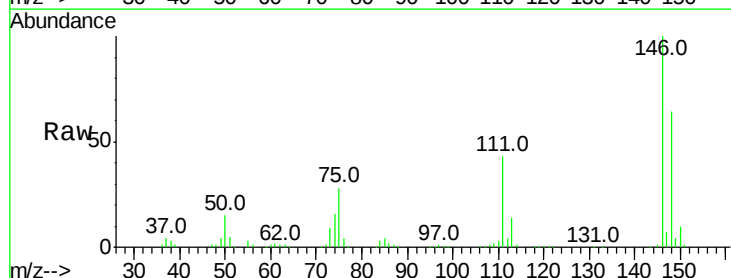
Tgt Ion: 146 Resp: 534848

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.6

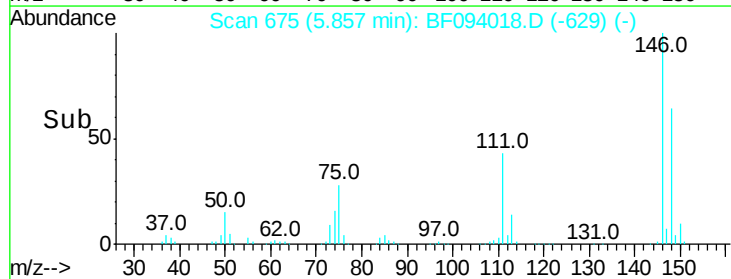
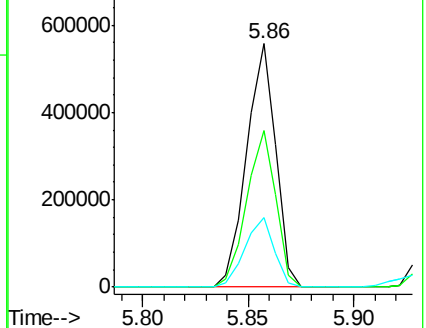
75 28.5 23.1 34.7

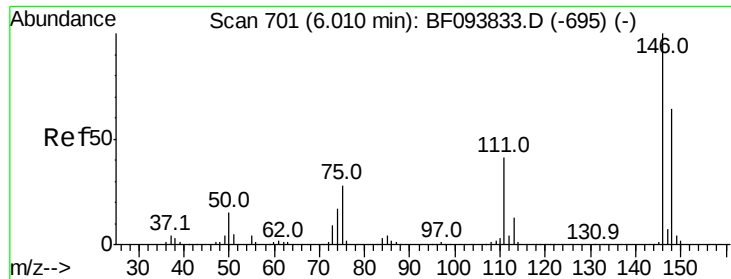


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

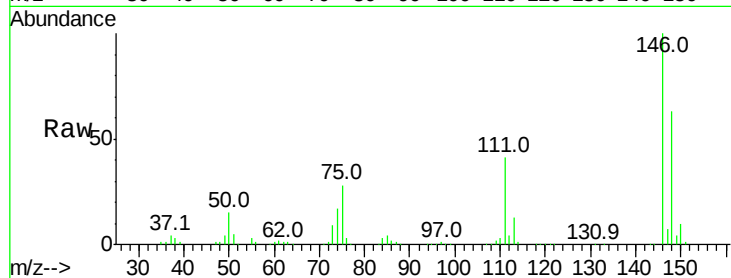




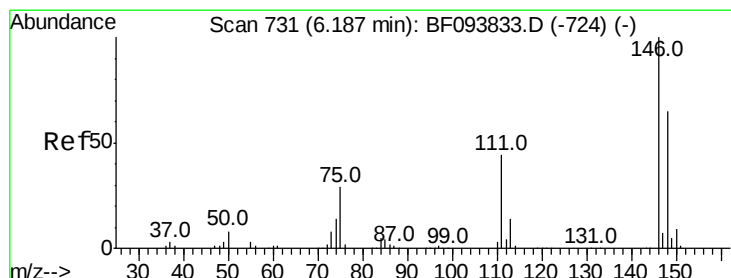
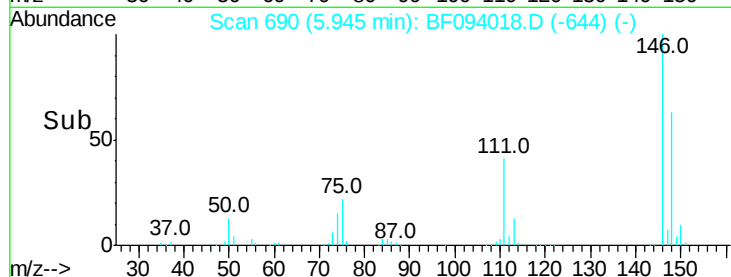
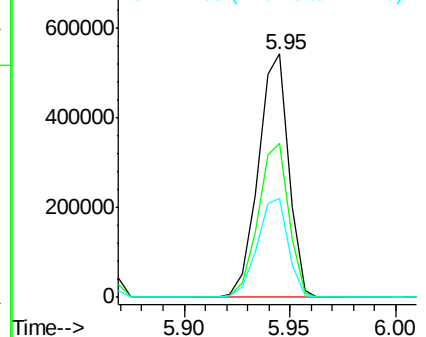
#13
 1,4-Dichlorobenzene
 Concen: 40.37 ng
 RT: 5.95 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF094018.D
 Acq: 29 Mar 2017 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 542859
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.2
 111 40.7 30.3 45.5

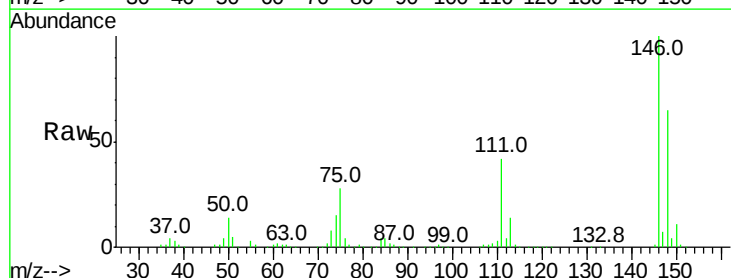


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

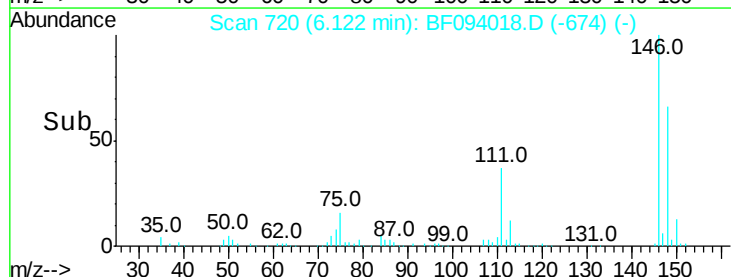
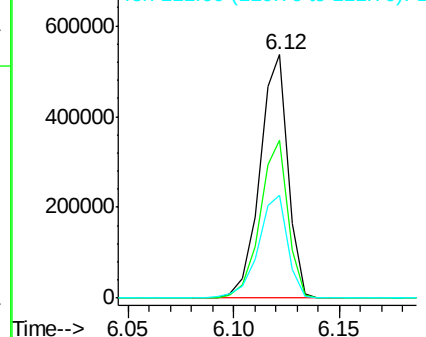


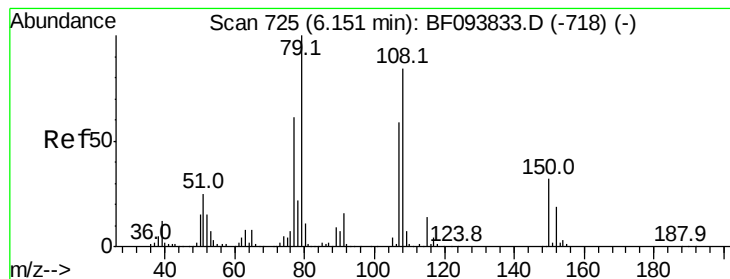
#14
 1,2-Dichlorobenzene
 Concen: 40.12 ng
 RT: 6.12 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF094018.D
 Acq: 29 Mar 2017 14:55

Tgt Ion:146 Resp: 496805
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.4 75.6
 111 42.2 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 38.81 ng

RT: 6.09 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

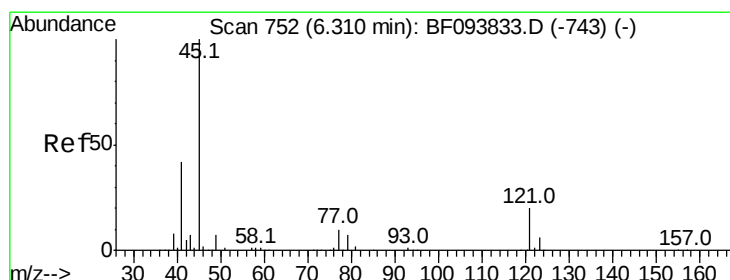
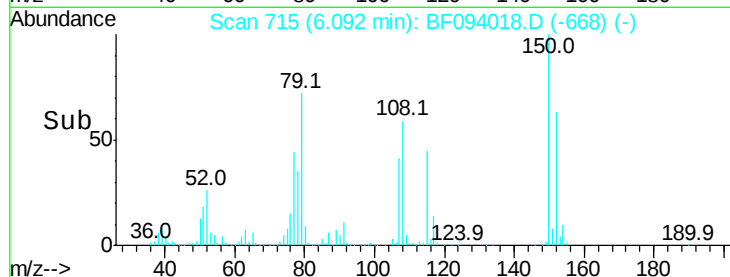
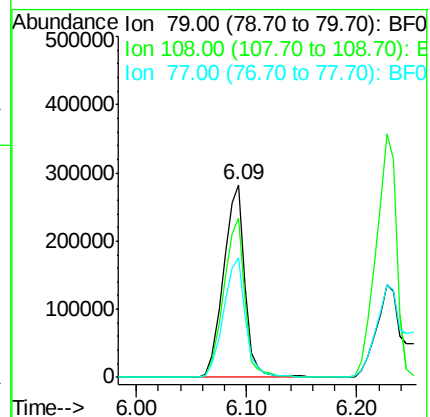
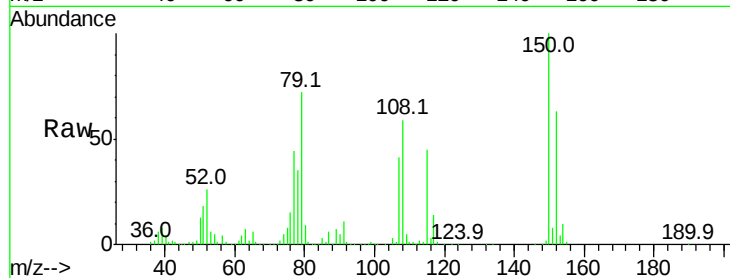
Tot Ion: 79 Resp: 378352

Ion Ratio Lower Upper

79 100

108 82.6 63.4 95.0

77 61.9 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.60 ng

RT: 6.25 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

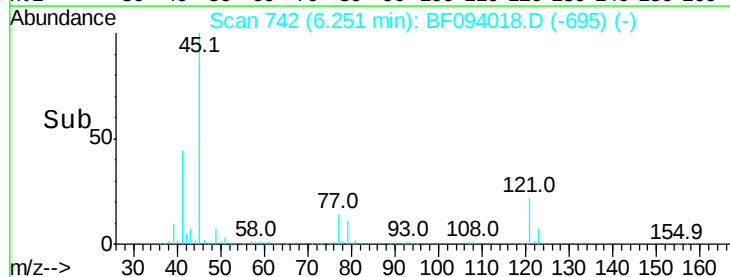
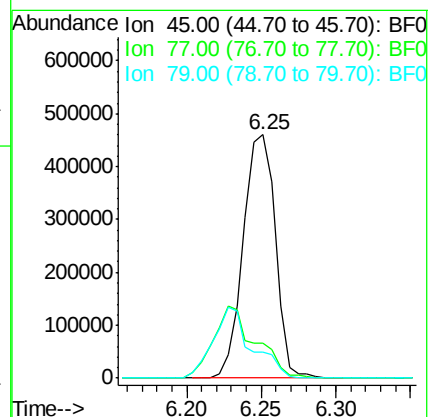
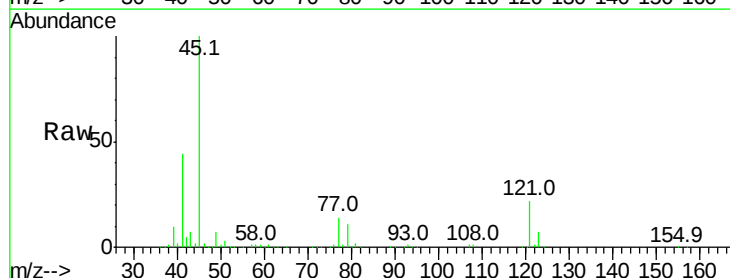
Tgt Ion: 45 Resp: 686336

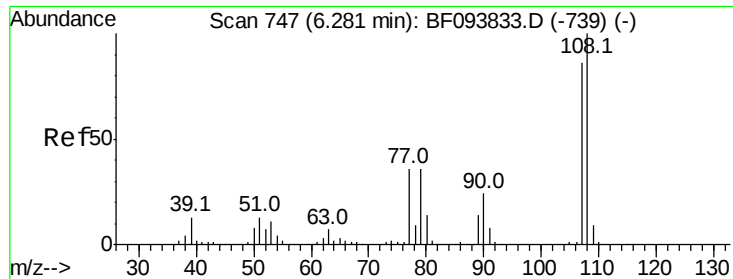
Ion Ratio Lower Upper

45 100

77 14.3 0.0 33.2

79 10.8 0.0 30.0

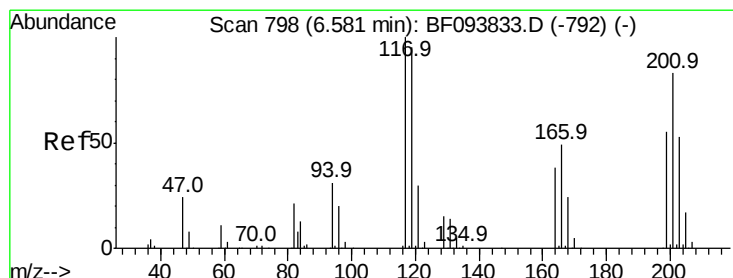
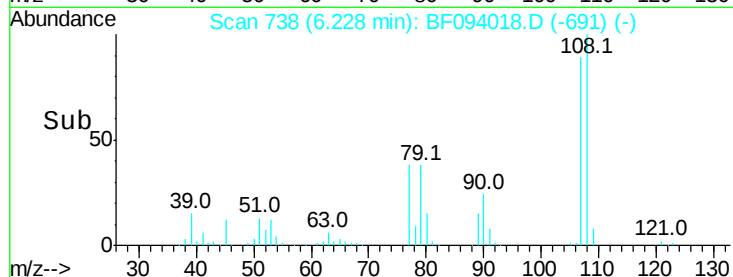
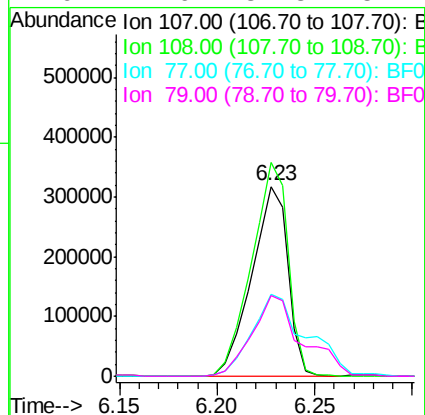
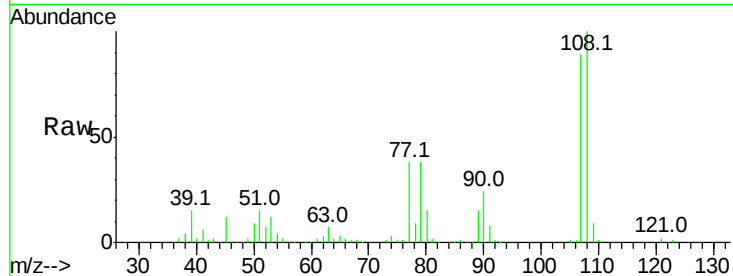




#17
2-Methylphenol
Concen: 40.24 ng
RT: 6.23 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

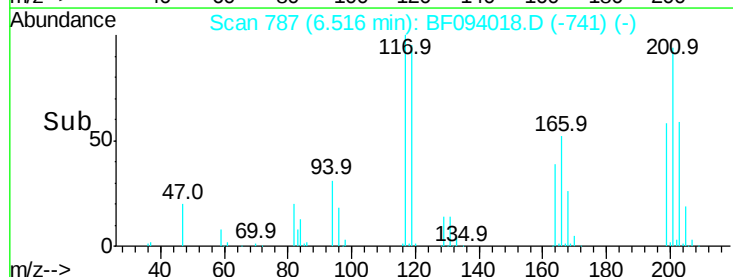
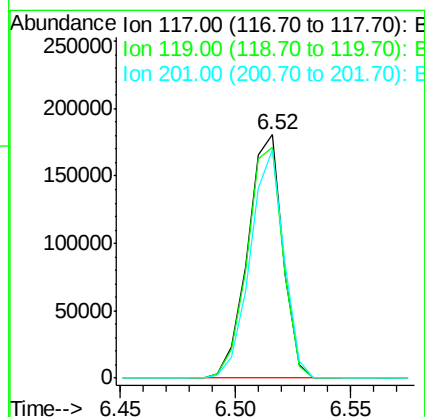
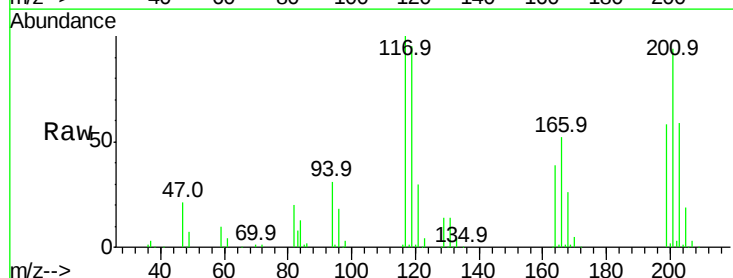
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

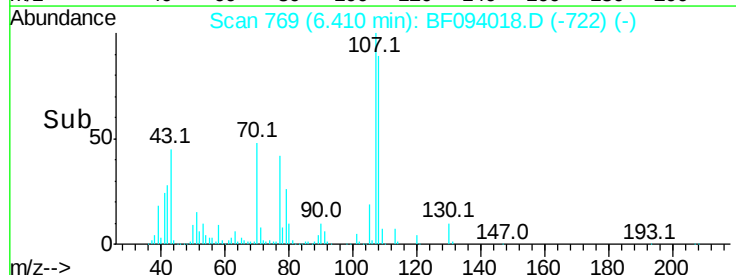
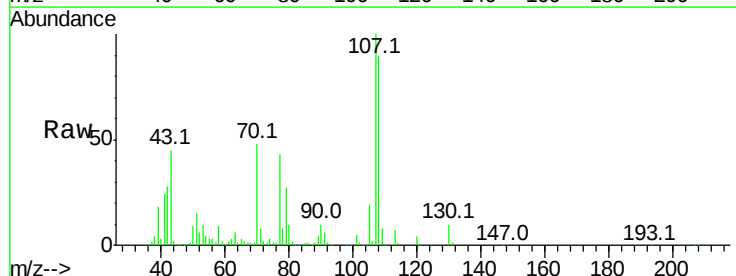
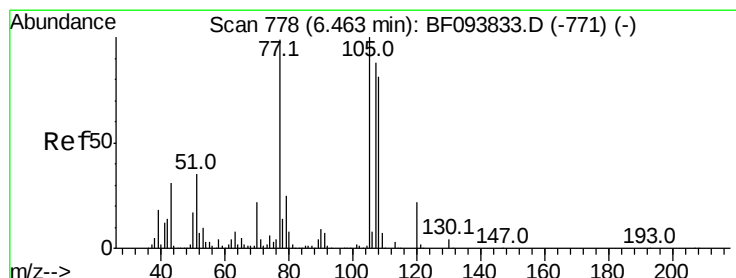
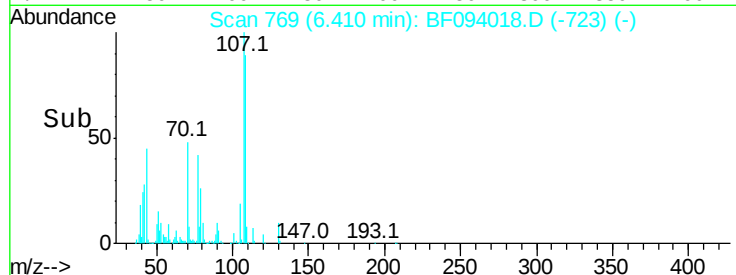
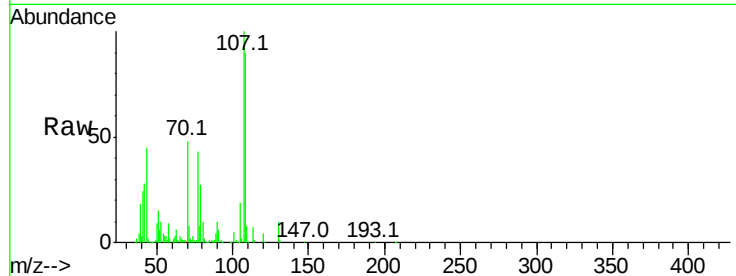
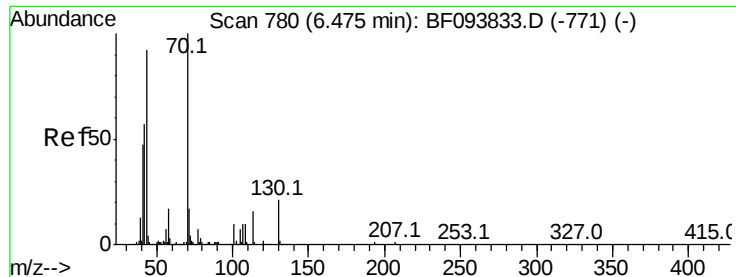
Tot Ion:107 Resp: 407840
Ion Ratio Lower Upper
107 100
108 112.6 93.4 140.0
77 42.9 35.8 53.6
79 42.6 34.8 52.2



#18
Hexachloroethane
Concen: 40.38 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.03 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

Tgt Ion:117 Resp: 190818
Ion Ratio Lower Upper
117 100
119 94.9 77.4 116.0
201 94.0 94.6 141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 39.09 ng

RT: 6.41 min Scan# 769

Delta R.T. -0.03 min

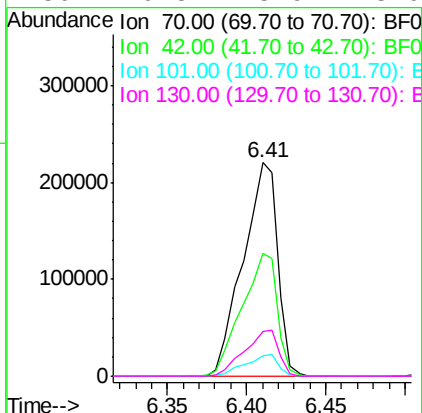
Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 334658

Ion	Ratio	Lower	Upper
70	100		
42	57.7	47.2	70.8
101	9.6	7.2	10.8
130	20.8	15.9	23.9



#20

3+4-Methylphenols

Concen: 40.56 ng

RT: 6.41 min Scan# 769

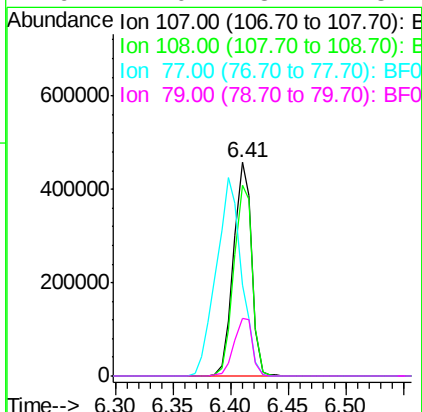
Delta R.T. -0.02 min

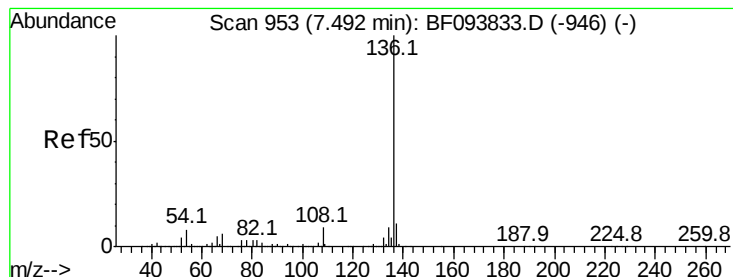
Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

Tgt Ion: 107 Resp: 497910

Ion	Ratio	Lower	Upper
107	100		
108	89.6	71.0	111.0
77	42.6	90.5	130.5#
79	27.0	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.43 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 748810

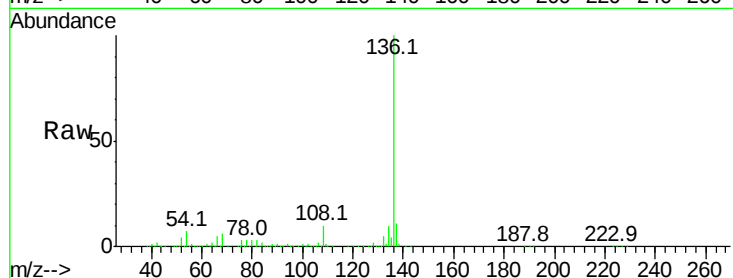
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.5 4.9 7.3#

68 5.9 4.1 6.1



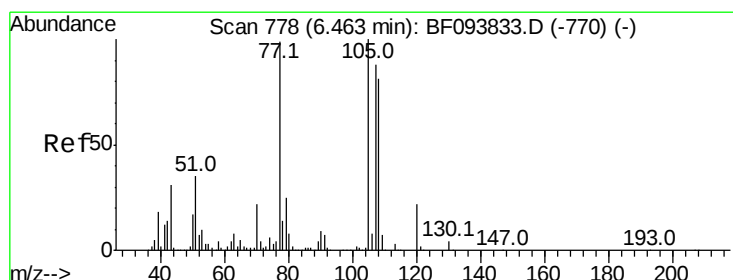
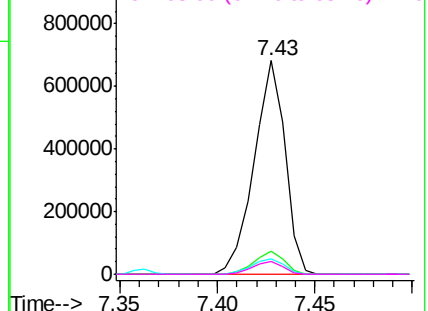
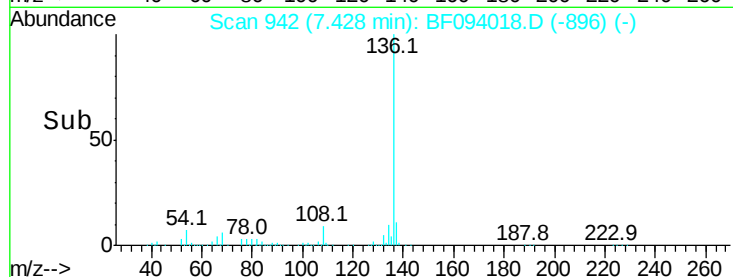
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.72 ng

RT: 6.40 min Scan# 767

Delta R.T. -0.03 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

Tgt Ion:105 Resp: 679594

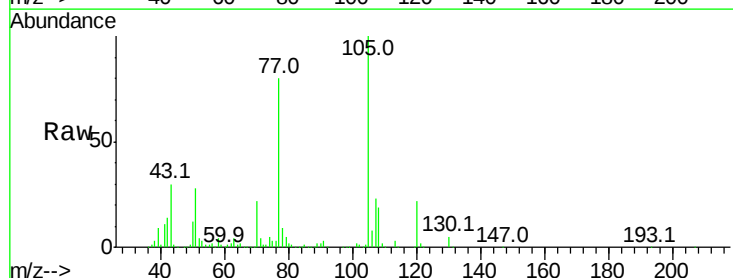
Ion Ratio Lower Upper

105 100

71 3.9 2.8 4.2

51 27.8 30.7 46.1#

120 21.6 17.4 26.0



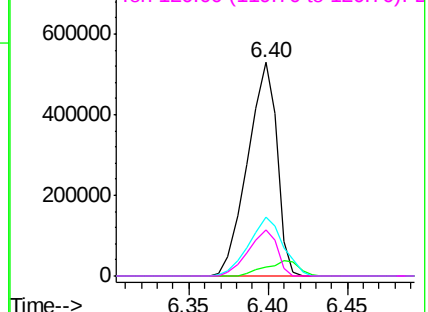
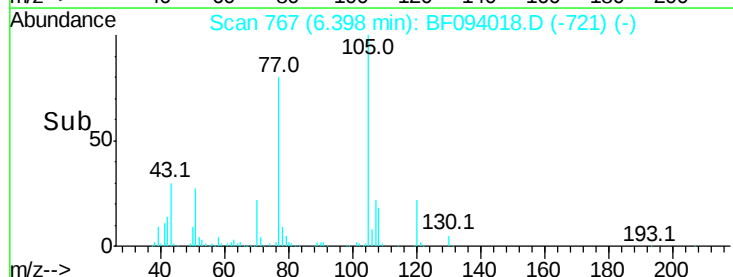
Abundance

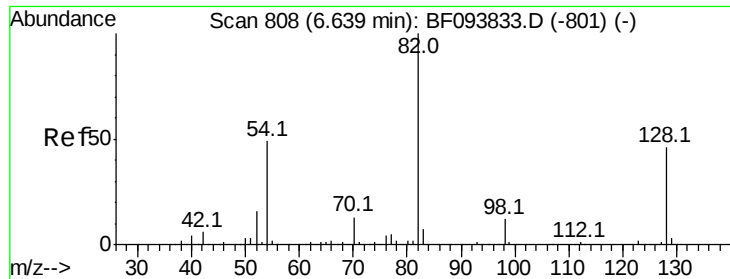
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

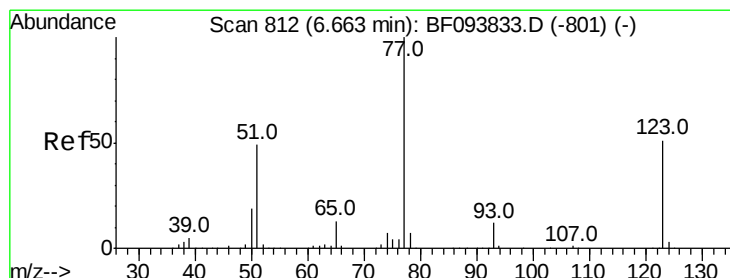
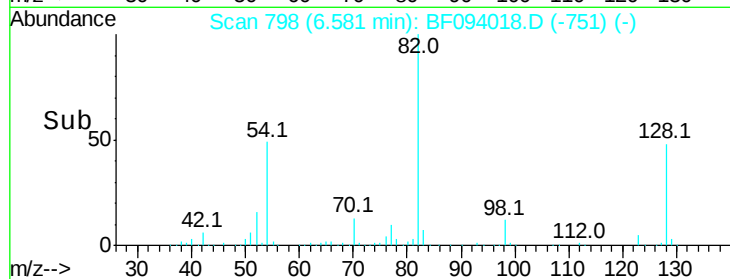
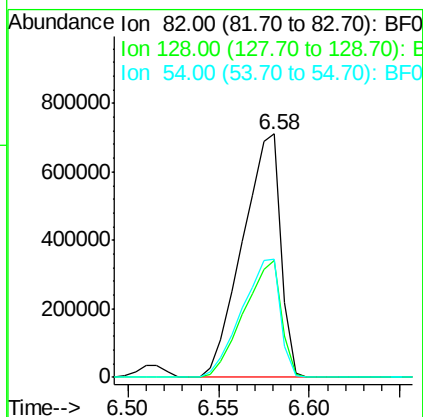
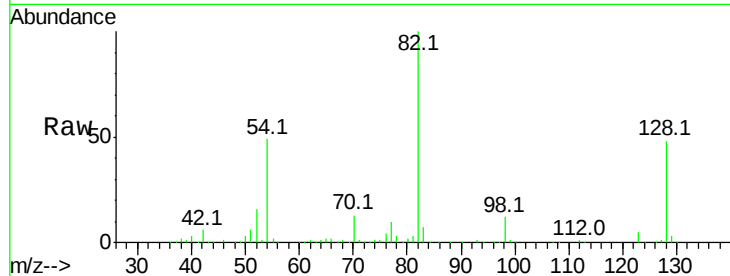




#23
Nitrobenzene-d5
Concen: 79.21 ng
RT: 6.58 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

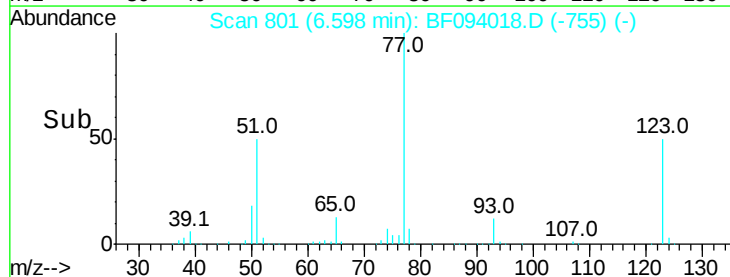
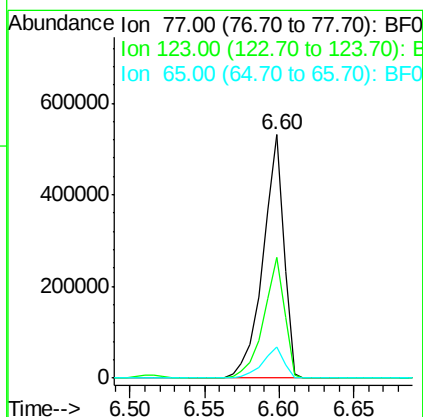
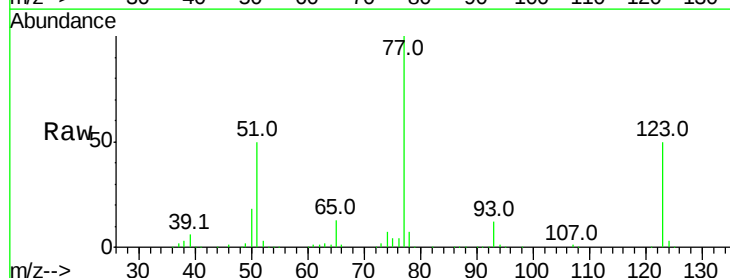
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

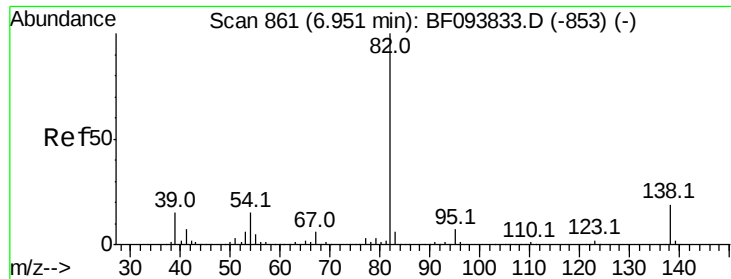
Tot Ion: 82 Resp: 1039316
Ion Ratio Lower Upper
82 100
128 48.1 34.0 51.0
54 48.7 42.2 63.2



#24
Nitrobenzene
Concen: 39.22 ng
RT: 6.60 min Scan# 801
Delta R.T. -0.03 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

Tgt Ion: 77 Resp: 507484
Ion Ratio Lower Upper
77 100
123 49.5 35.8 53.8
65 12.7 10.6 15.8





#25

Isophorone

Concen: 40.21 ng

RT: 6.89 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

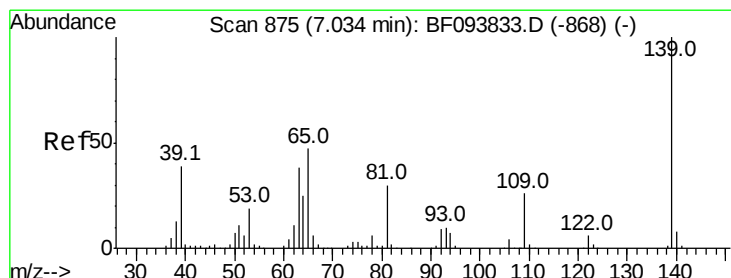
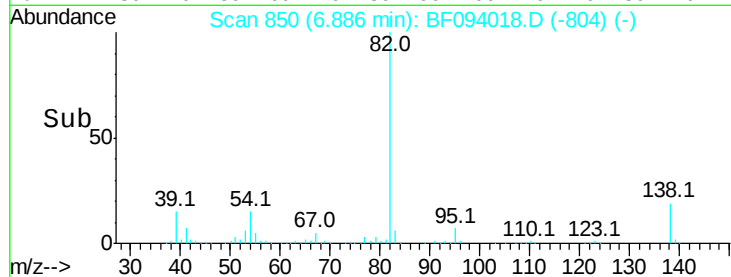
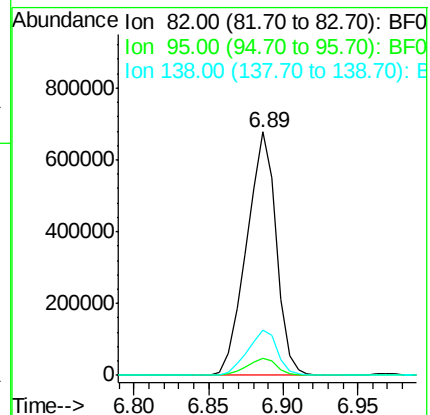
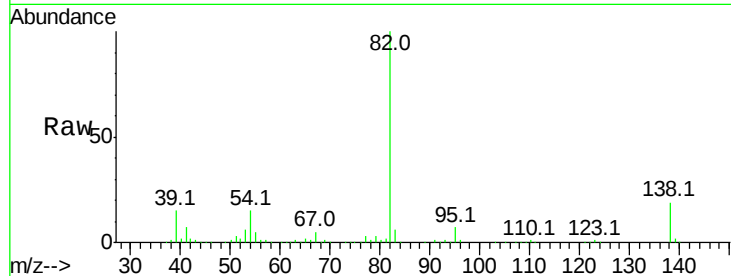
Tot Ion: 82 Resp: 927166

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.6 13.1 19.7



#26

2-Nitrophenol

Concen: 43.95 ng

RT: 6.97 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

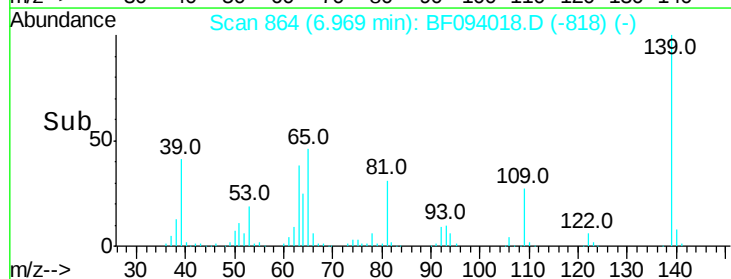
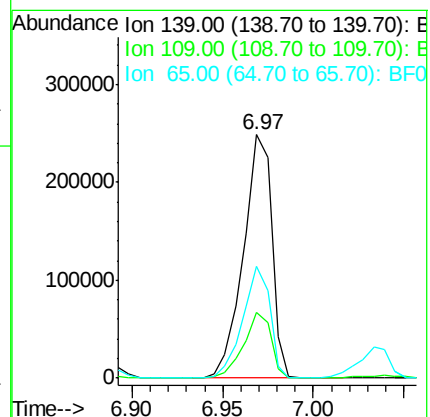
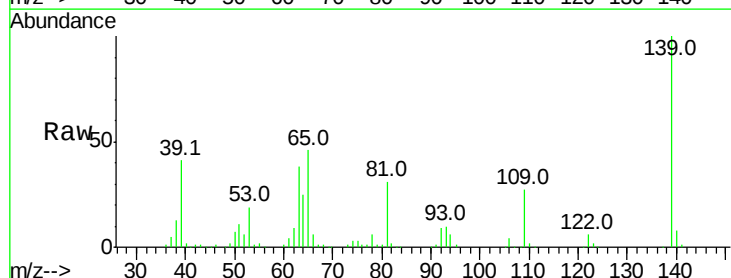
Tgt Ion: 139 Resp: 271258

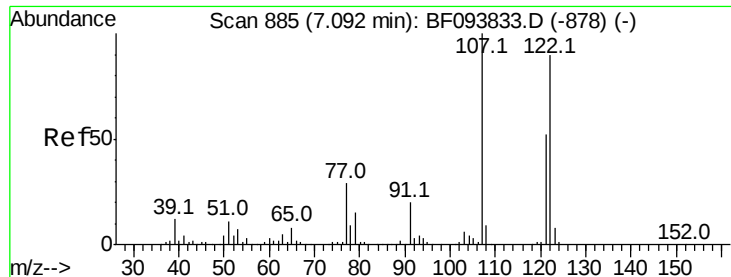
Ion Ratio Lower Upper

139 100

109 26.9 21.0 31.6

65 45.9 33.0 49.6

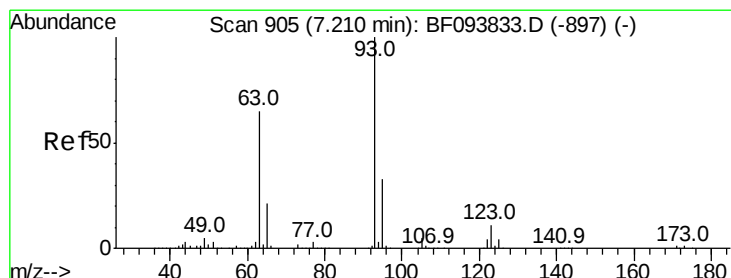
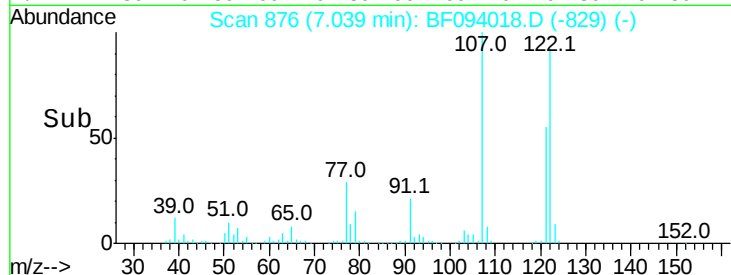
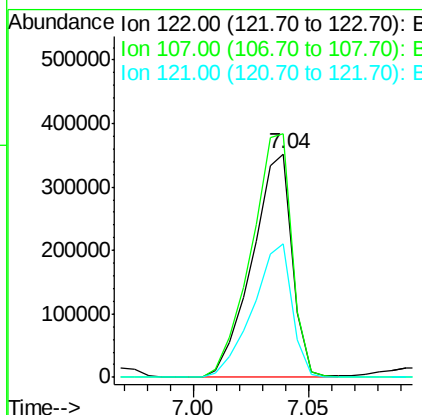
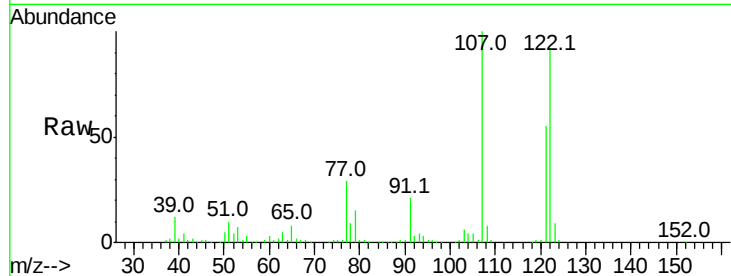




#27
2,4-Dimethylphenol
Concen: 40.11 ng
RT: 7.04 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

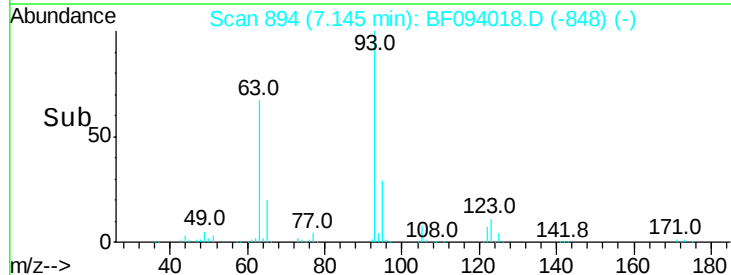
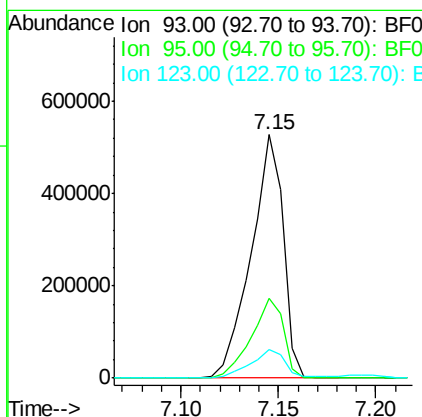
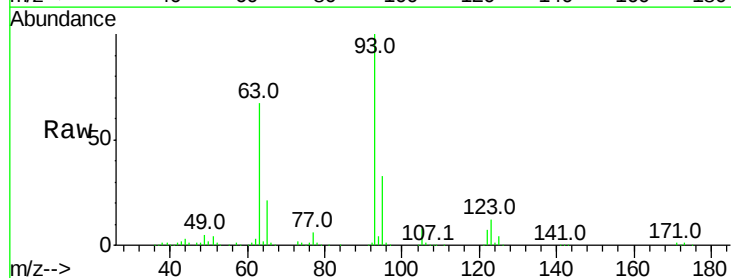
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

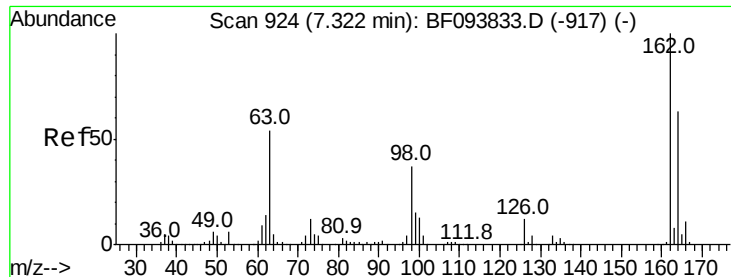
Tot Ion:122 Resp: 426567
Ion Ratio Lower Upper
122 100
107 109.1 89.2 133.8
121 59.8 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.58 ng
RT: 7.15 min Scan# 894
Delta R.T. -0.03 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

Tgt Ion: 93 Resp: 601850
Ion Ratio Lower Upper
93 100
95 32.5 26.5 39.7
123 11.5 9.0 13.4

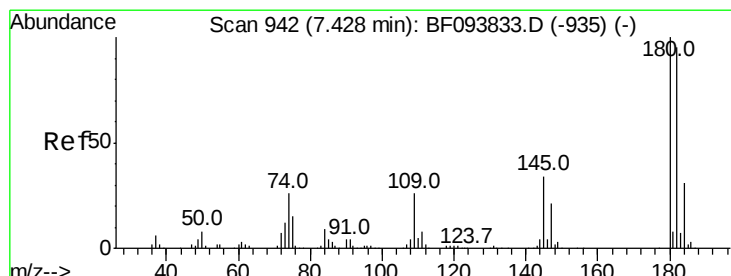
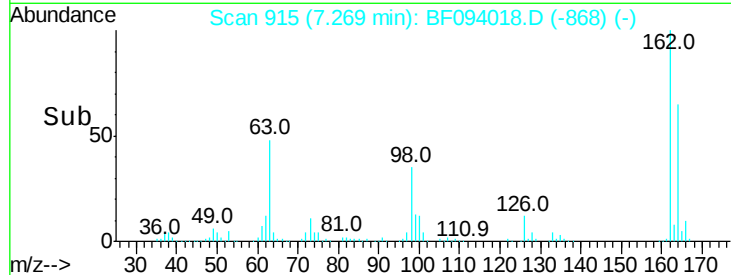
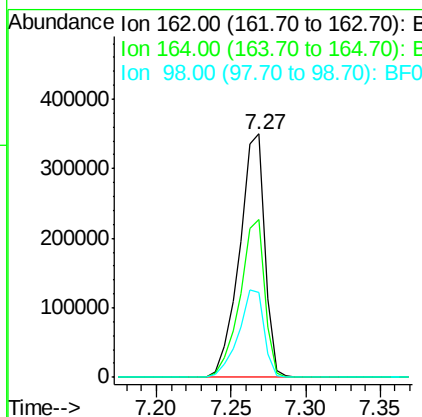
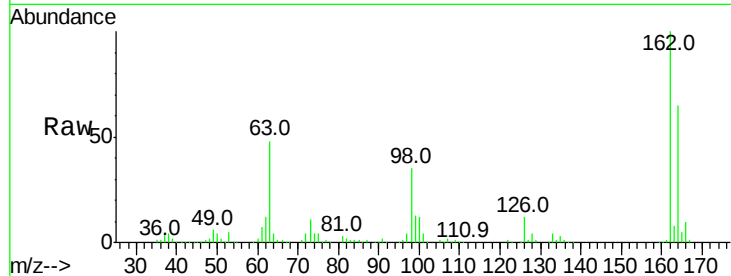




#29
 2,4-Dichlorophenol
 Concen: 41.54 ng
 RT: 7.27 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF094018.D
 Acq: 29 Mar 2017 14:55

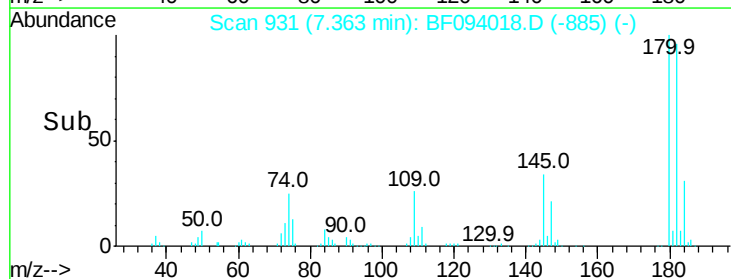
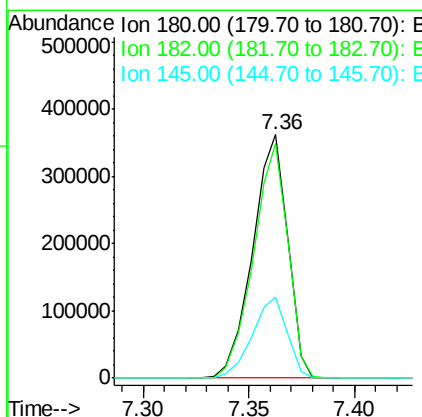
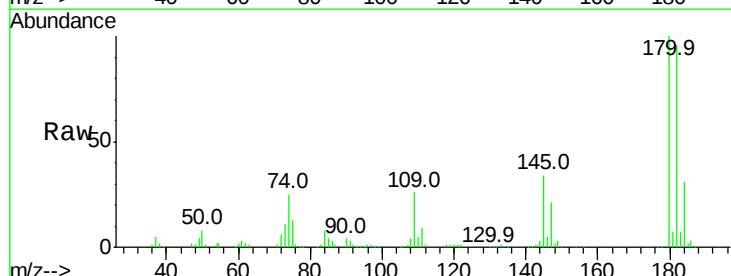
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

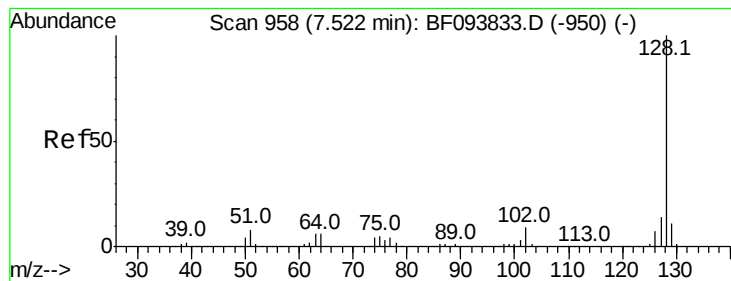
Tot Ion:	162	Resp:	413000
Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.6	84.6
98	34.7	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 40.52 ng
 RT: 7.36 min Scan# 931
 Delta R.T. -0.03 min
 Lab File: BF094018.D
 Acq: 29 Mar 2017 14:55

Tgt Ion:	180	Resp:	414890
Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.8	113.6
145	33.5	25.3	37.9





#31

Naphthalene

Concen: 39.71 ng

RT: 7.46 min Scan# 947

Delta R.T. -0.03 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

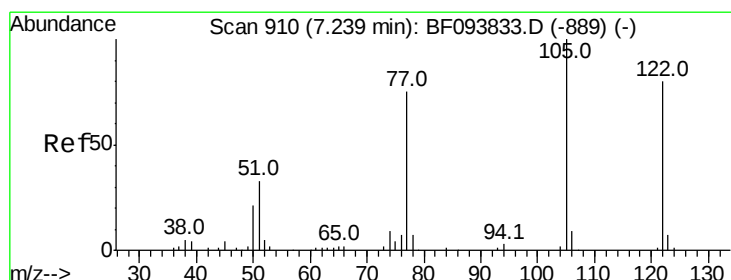
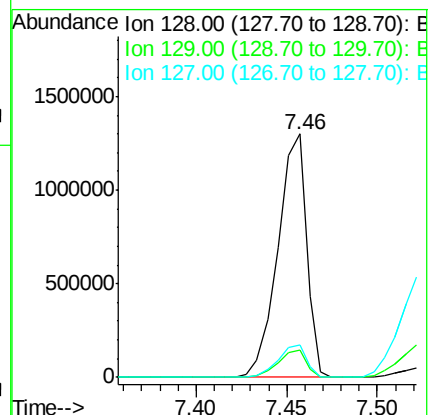
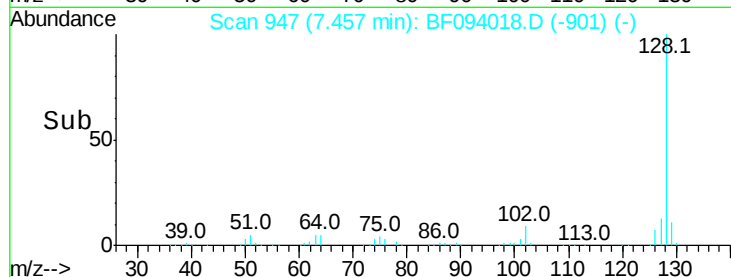
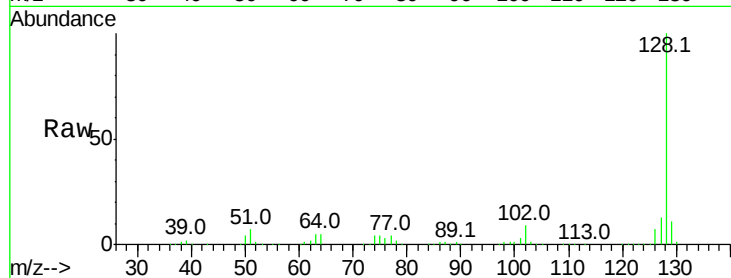
Tot Ion:128 Resp: 1429896

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 13.5 10.8 16.2



#32

Benzoic acid

Concen: 40.36 ng

RT: 7.20 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

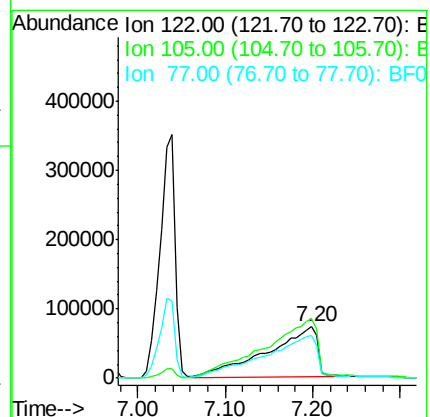
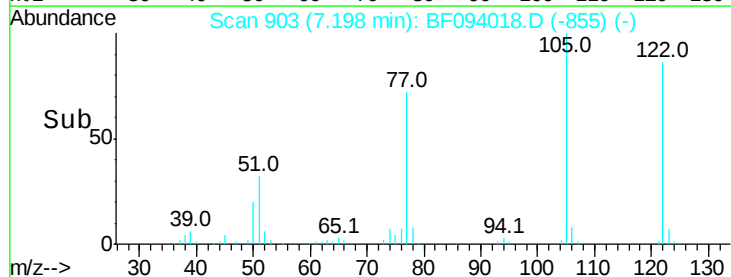
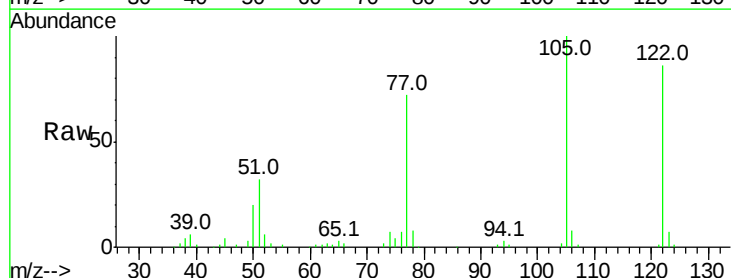
Tgt Ion:122 Resp: 285717

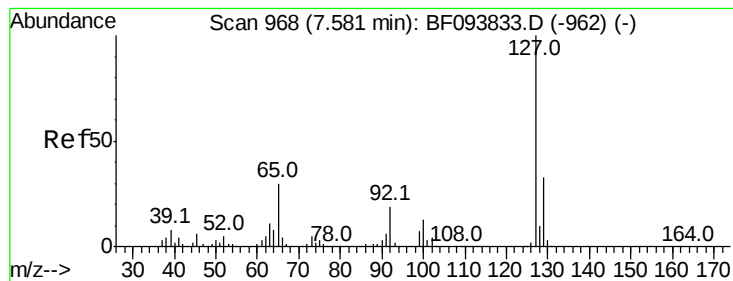
Ion Ratio Lower Upper

122 100

105 115.8 103.3 143.3

77 83.5 73.7 113.7





#33

4-Chloroaniline

Concen: 40.77 ng

RT: 7.52 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 595020

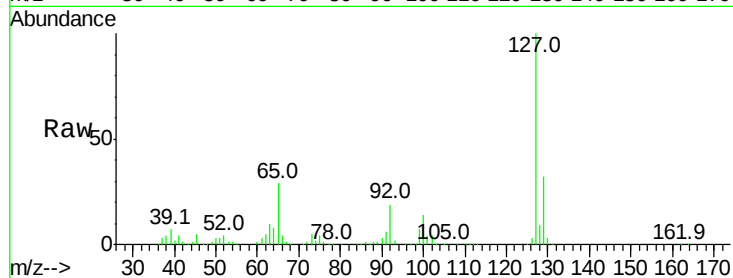
Ion Ratio Lower Upper

127 100

129 32.2 26.2 39.2

65 29.1 27.8 41.8

92 19.4 16.8 25.2

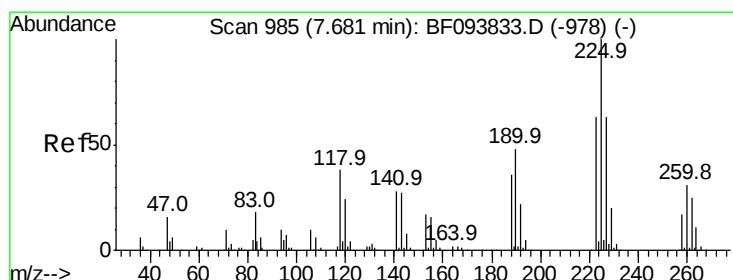
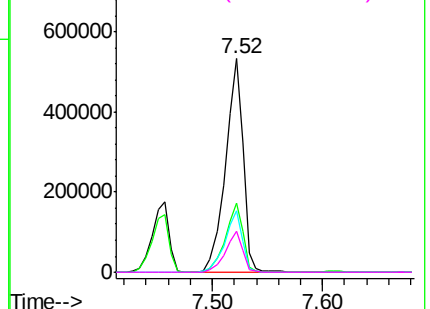
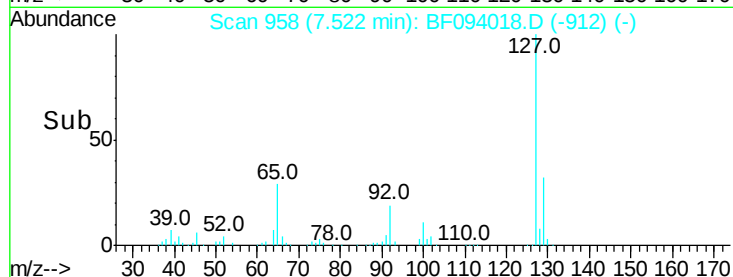


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.45 ng

RT: 7.61 min Scan# 973

Delta R.T. -0.03 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

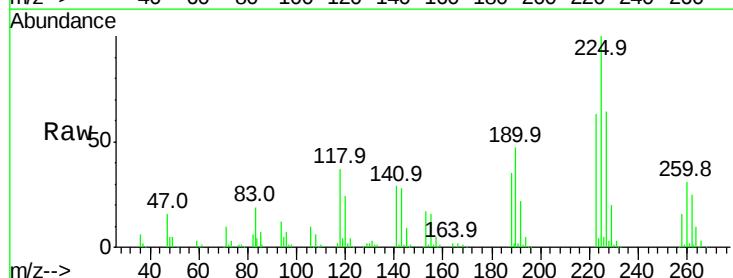
Tgt Ion:225 Resp: 212412

Ion Ratio Lower Upper

225 100

223 62.7 48.8 73.2

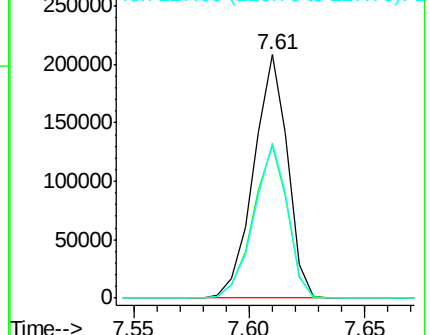
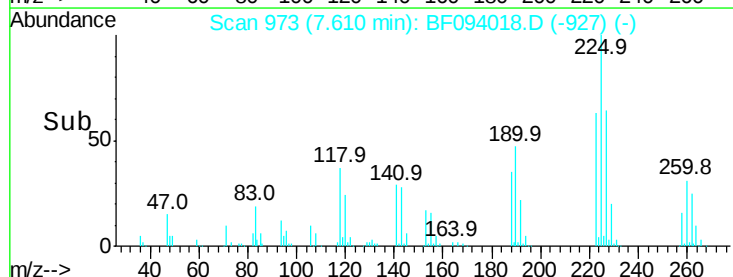
227 63.8 51.1 76.7

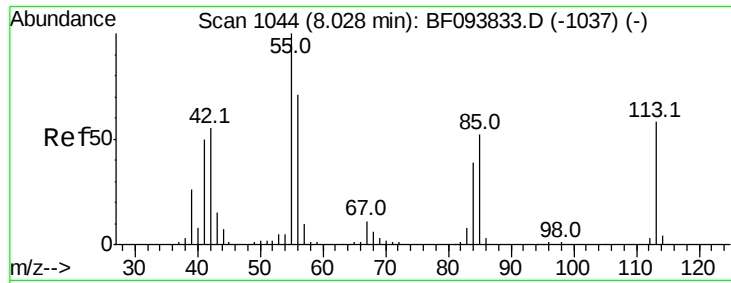


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.00 ng

RT: 7.97 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

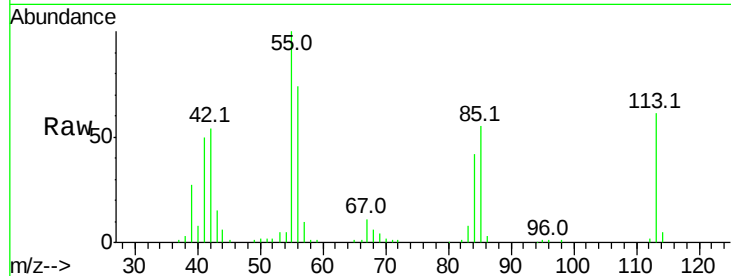
Tot Ion:113 Resp: 136322

Ion Ratio Lower Upper

113 100

55 162.9 150.2 190.2

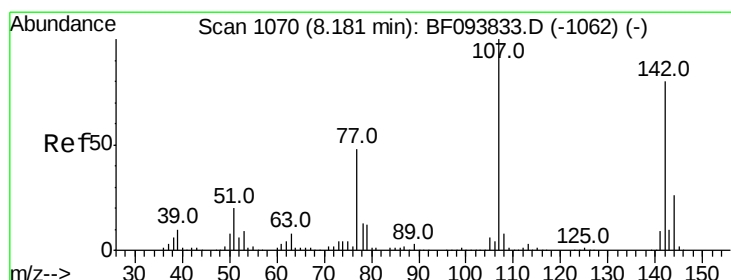
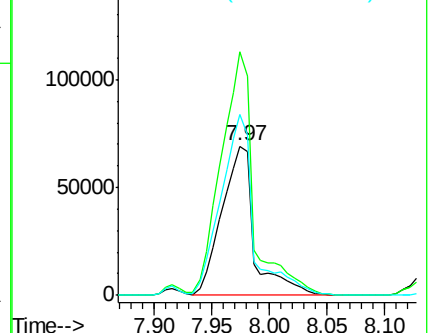
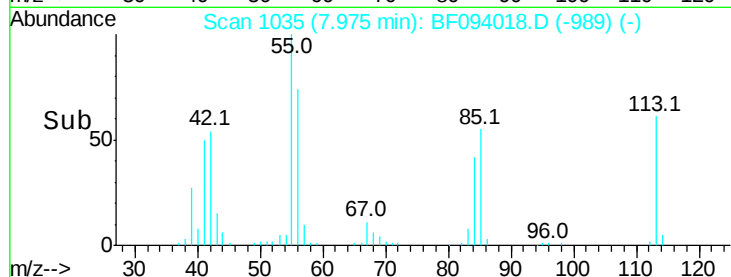
56 120.7 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.95 ng

RT: 8.13 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

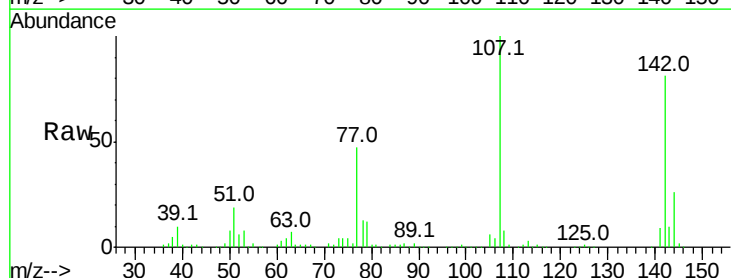
Tgt Ion:107 Resp: 435807

Ion Ratio Lower Upper

107 100

144 26.2 24.2 36.4

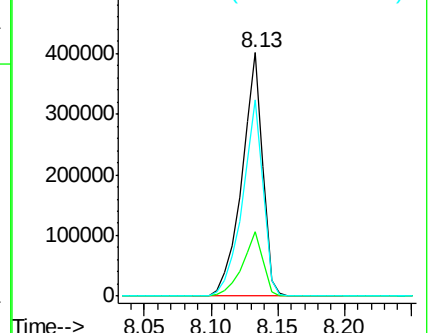
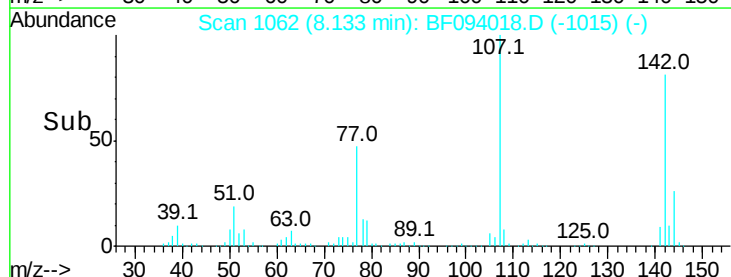
142 80.8 73.4 110.0

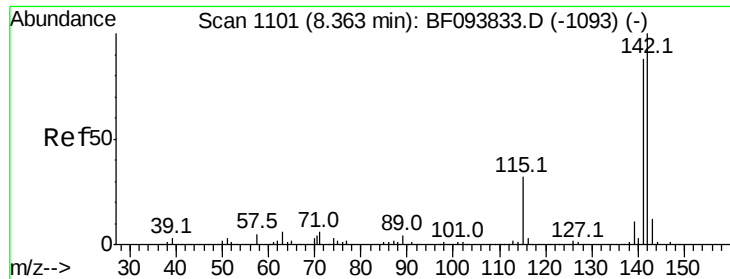


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

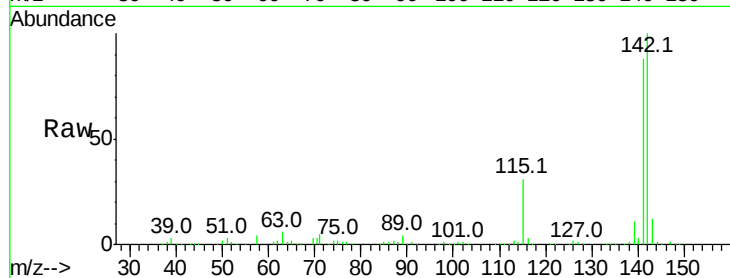




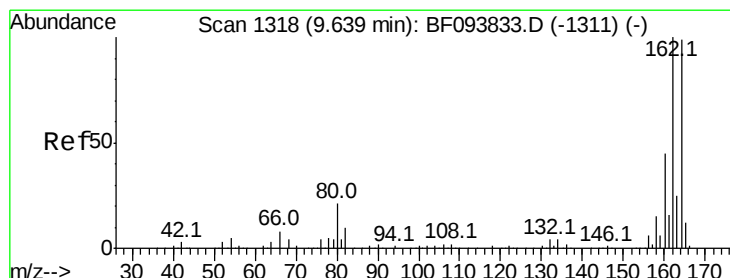
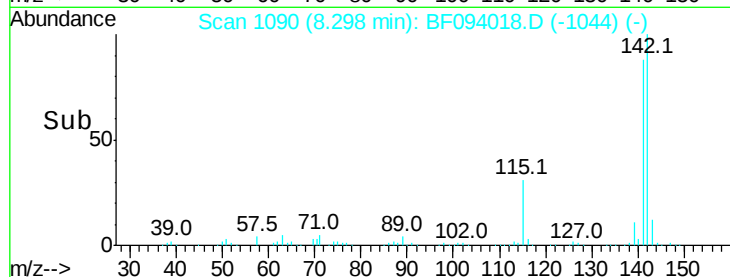
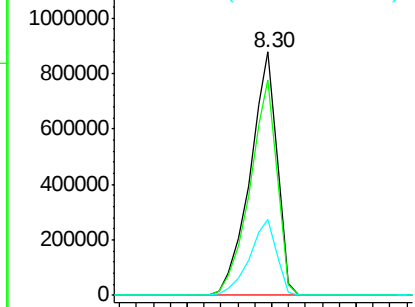
#37
 2-Methylnaphthalene
 Concen: 40.85 ng
 RT: 8.30 min Scan# 1090
 Delta R.T. -0.03 min
 Lab File: BF094018.D
 Acq: 29 Mar 2017 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:142 Resp: 980544
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.3 106.9
 115 31.1 27.1 40.7

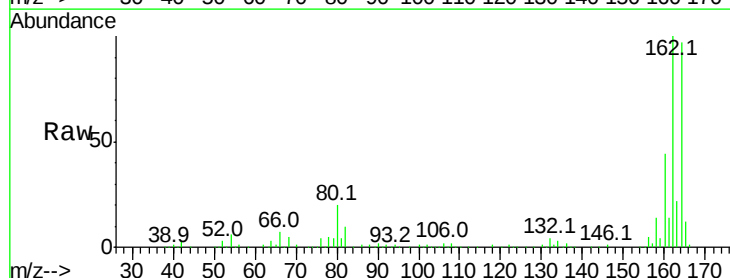


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

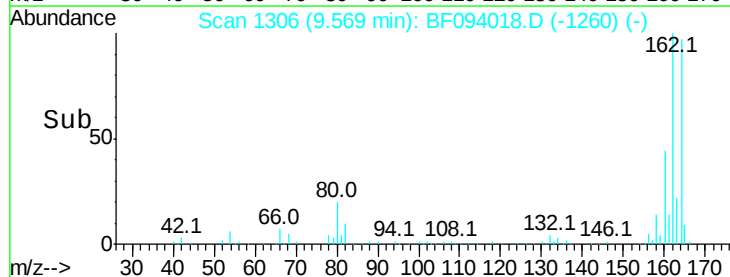
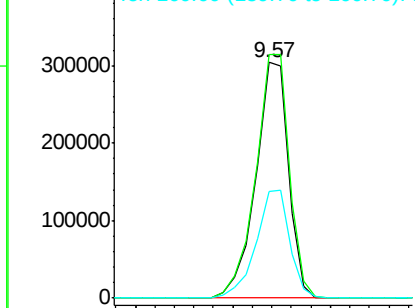


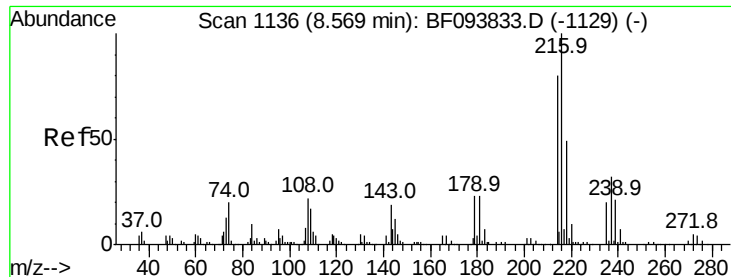
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 1306
 Delta R.T. -0.03 min
 Lab File: BF094018.D
 Acq: 29 Mar 2017 14:55

Tgt Ion:164 Resp: 355309
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.6 123.8
 160 45.3 36.2 54.2



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

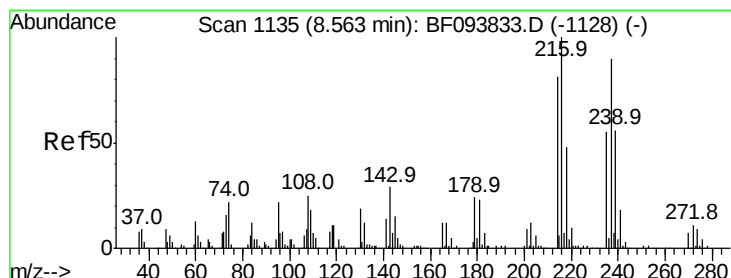
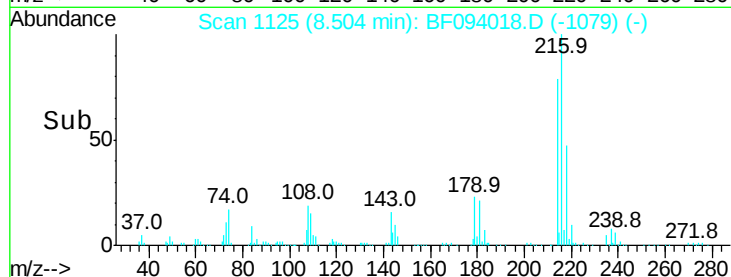
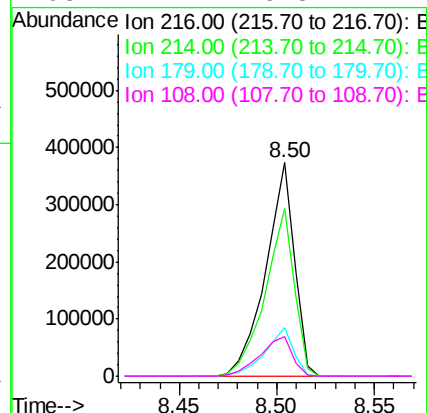
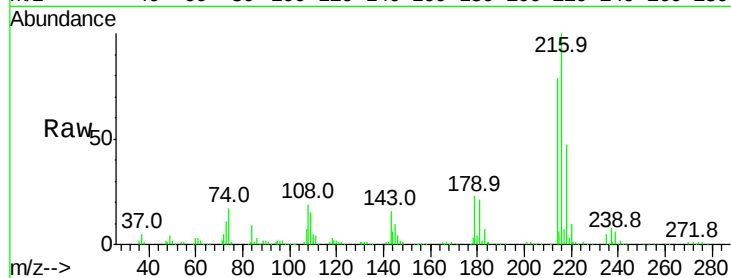




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.18 ng
 RT: 8.50 min Scan# 1125
 Delta R.T. -0.03 min
 Lab File: BF094018.D
 Acq: 29 Mar 2017 14:55

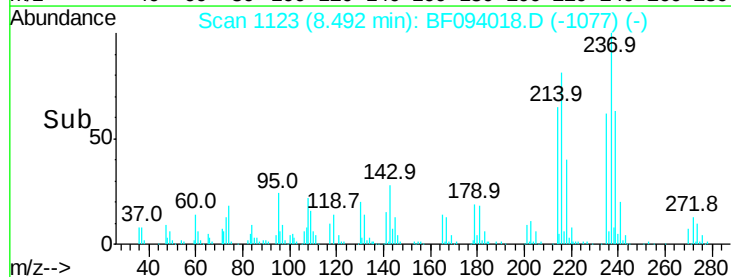
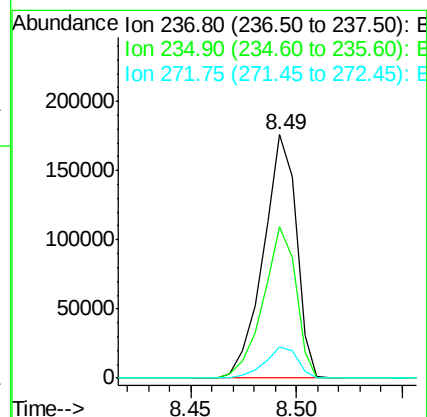
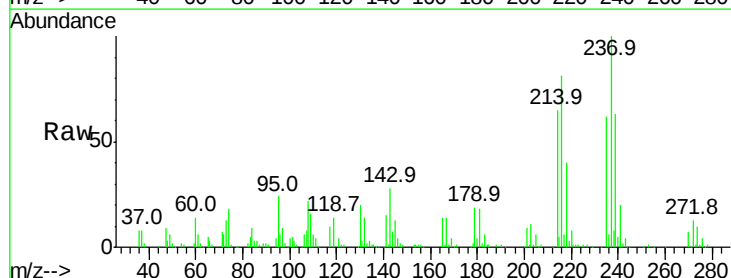
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

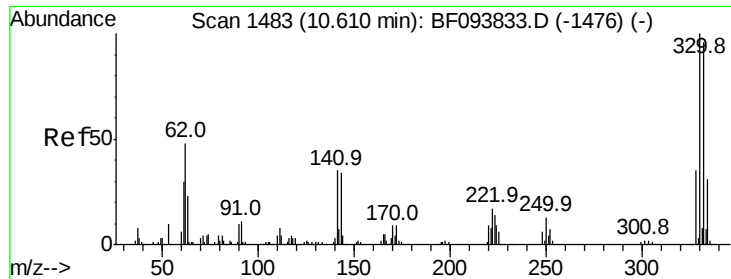
Tot Ion:	216	Resp:	380855
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.2
179	22.5	17.9	26.9
108	21.1	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 42.07 ng
 RT: 8.49 min Scan# 1123
 Delta R.T. -0.03 min
 Lab File: BF094018.D
 Acq: 29 Mar 2017 14:55

Tgt Ion:	237	Resp:	191362
Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.6	82.6
272	13.0	0.0	31.9

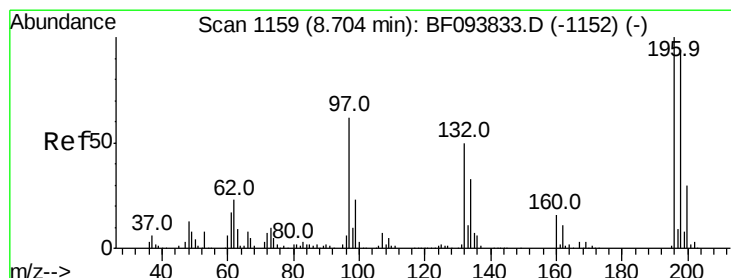
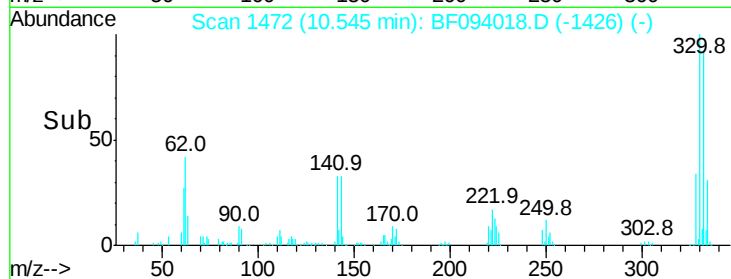
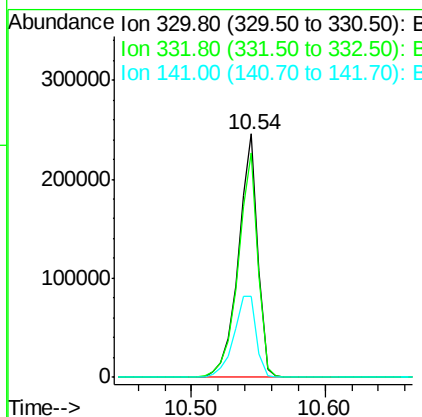
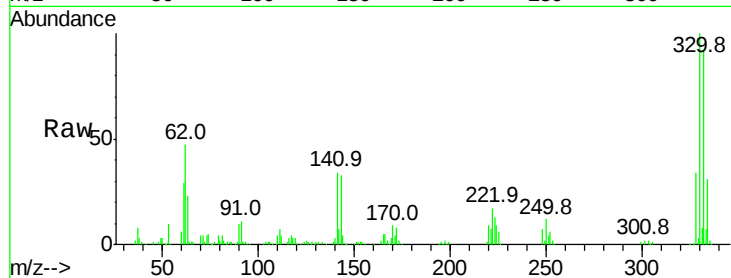




#41
 2,4,6-Tribromophenol
 Concen: 88.41 ng
 RT: 10.54 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BF094018.D
 Acq: 29 Mar 2017 14:55

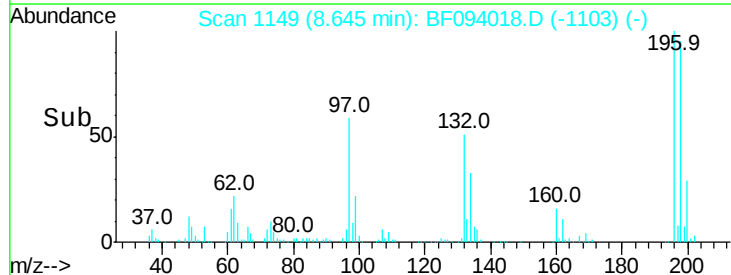
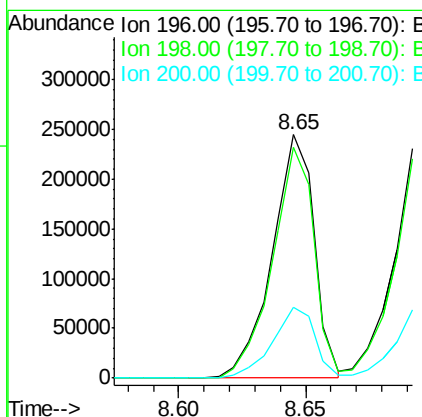
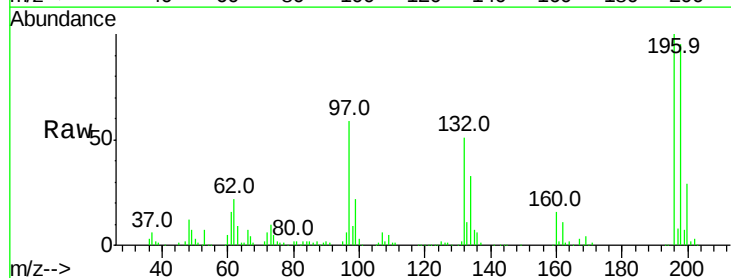
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

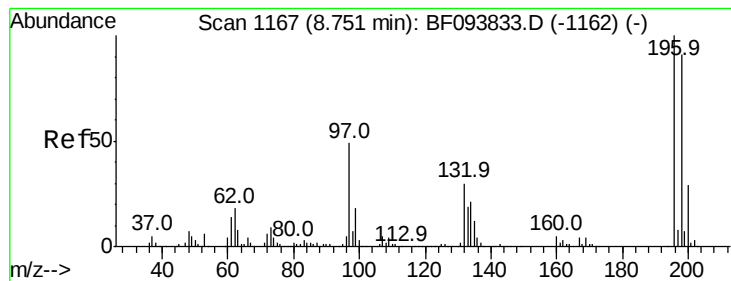
Tot Ion:330 Resp: 248230
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.6 115.0
 141 39.0 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 40.77 ng
 RT: 8.65 min Scan# 1149
 Delta R.T. -0.03 min
 Lab File: BF094018.D
 Acq: 29 Mar 2017 14:55

Tgt Ion:196 Resp: 280385
 Ion Ratio Lower Upper
 196 100
 198 94.8 74.2 111.4
 200 29.3 24.0 36.0





#43

2,4,5-Trichlorophenol

Concen: 41.50 ng

RT: 8.70 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:196 Resp: 308824

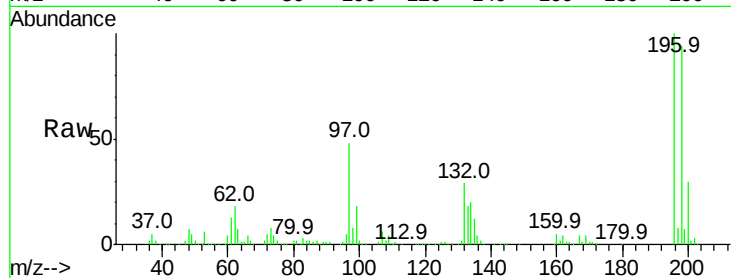
Ion Ratio Lower Upper

196 100

198 93.8 75.7 113.5

97 48.3 47.7 71.5

132 29.4 28.0 42.0

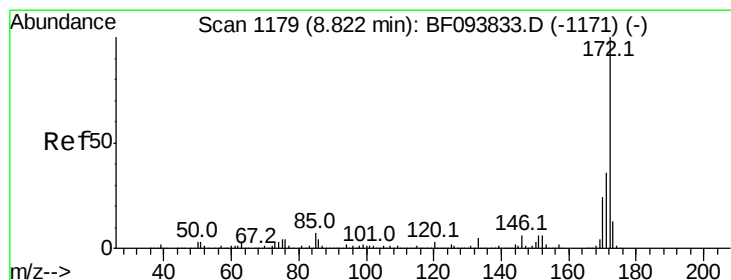
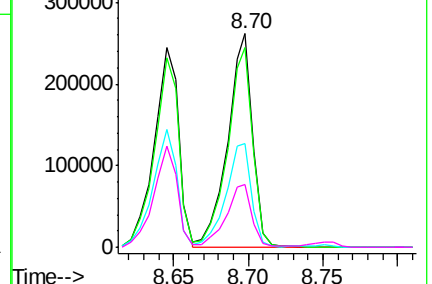
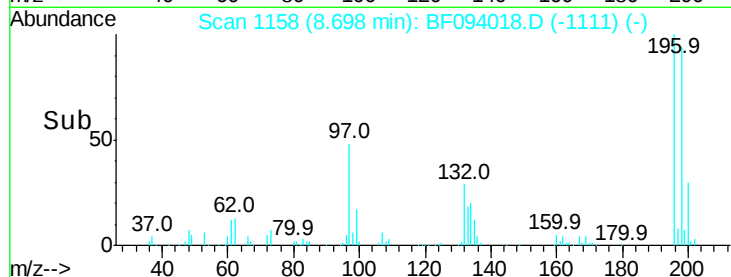


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 79.46 ng

RT: 8.76 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

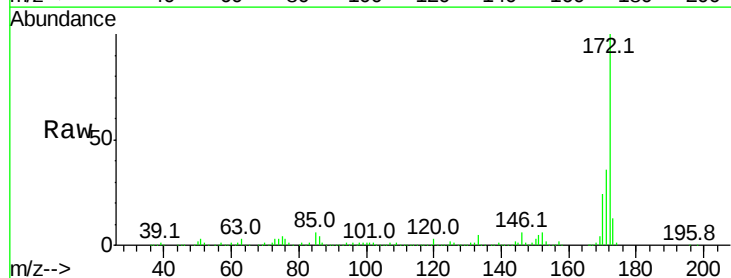
Tgt Ion:172 Resp: 1851024

Ion Ratio Lower Upper

172 100

171 35.9 29.6 44.4

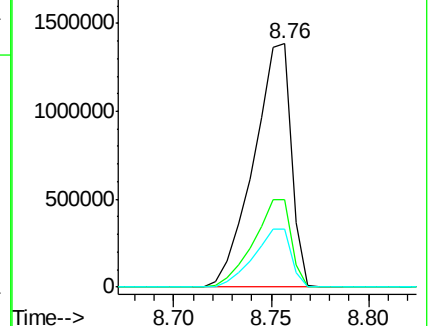
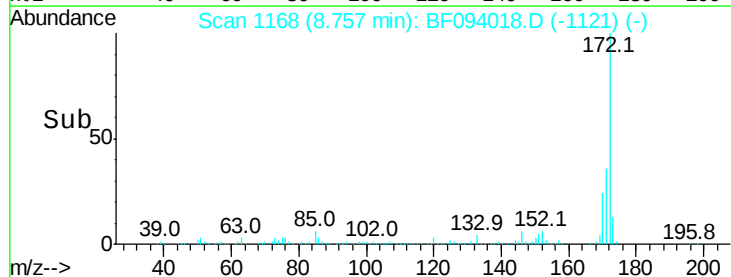
170 23.7 19.8 29.8

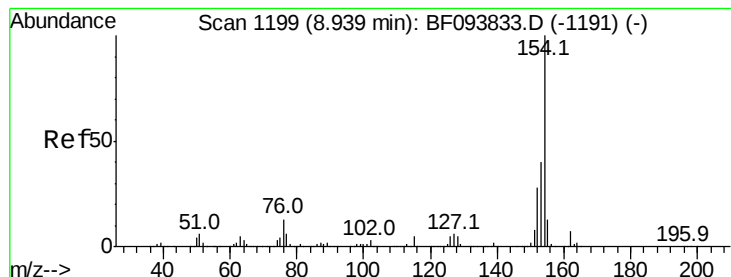


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.72 ng

RT: 8.87 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

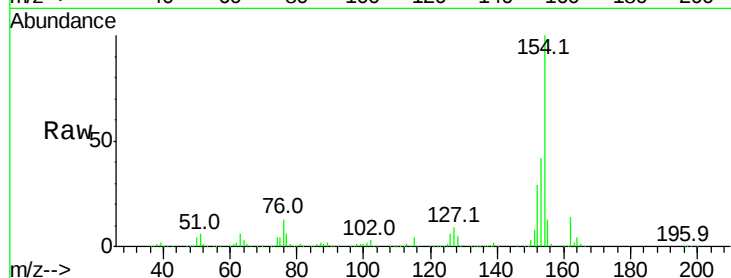
Tot Ion:154 Resp: 1109594

Ion Ratio Lower Upper

154 100

153 41.5 21.2 61.2

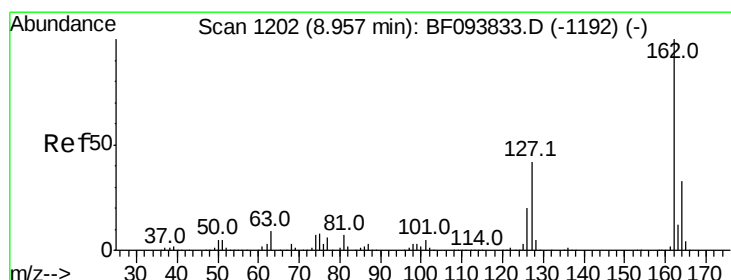
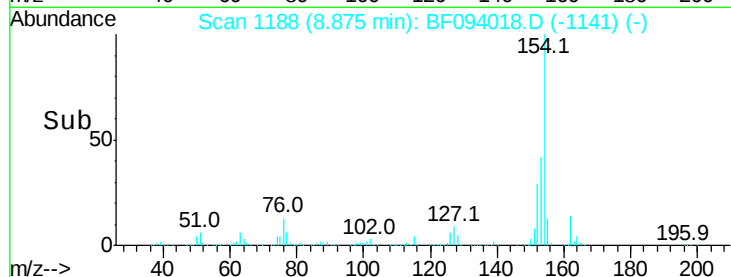
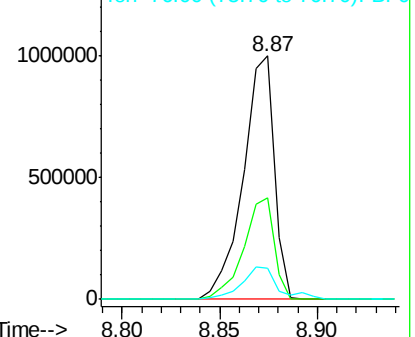
76 13.0 0.0 29.9



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): E



#46

2-Chloronaphthalene

Concen: 38.77 ng

RT: 8.89 min Scan# 1191

Delta R.T. -0.03 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

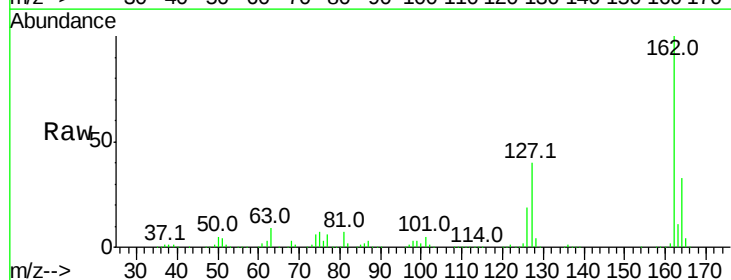
Tgt Ion:162 Resp: 869798

Ion Ratio Lower Upper

162 100

127 40.2 28.3 42.5

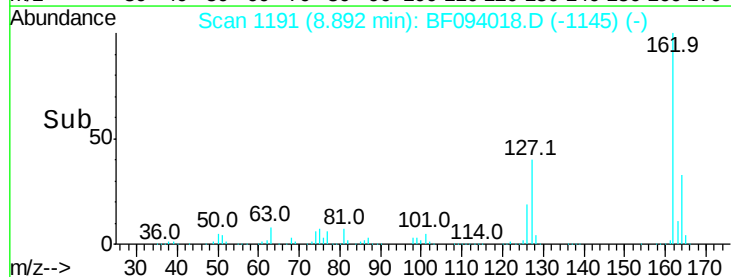
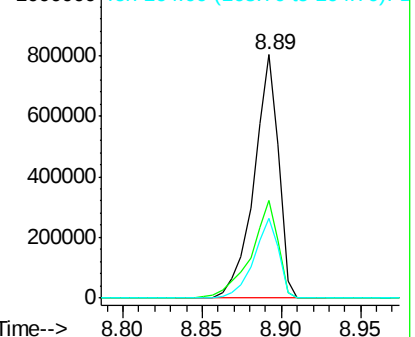
164 32.8 27.0 40.4

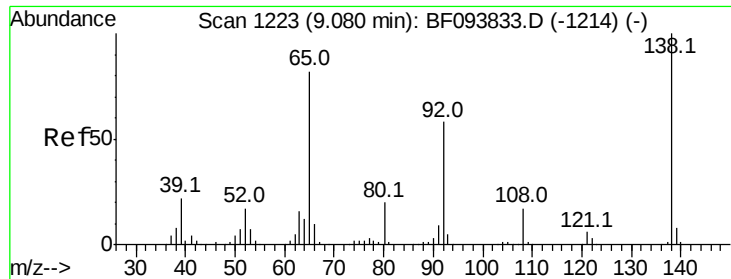


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

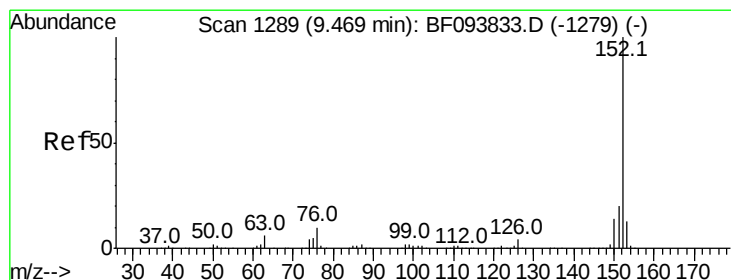
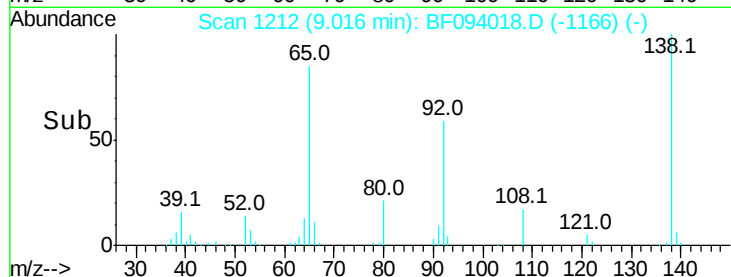
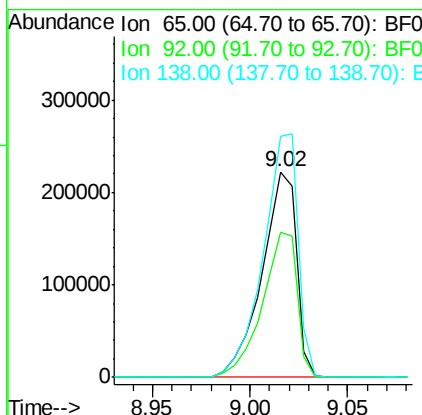
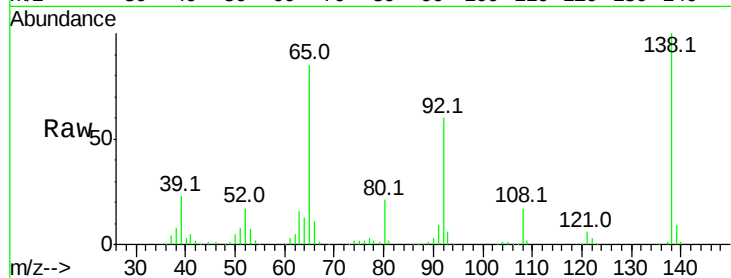




#47
2-Nitroaniline
Concen: 41.03 ng
RT: 9.02 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

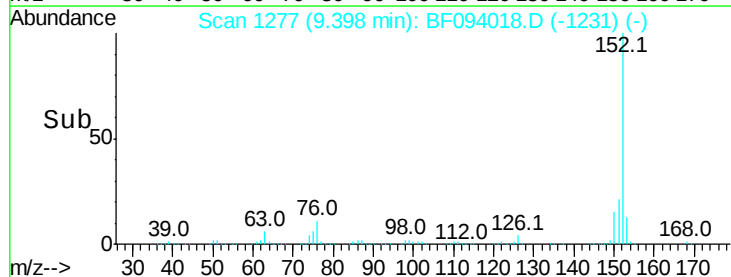
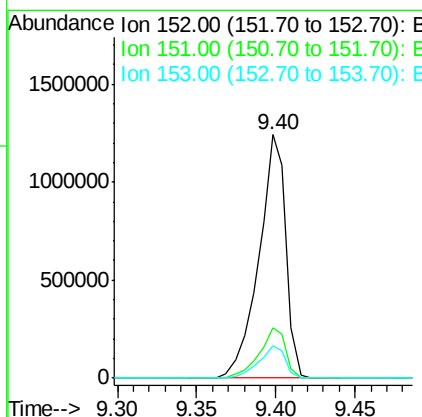
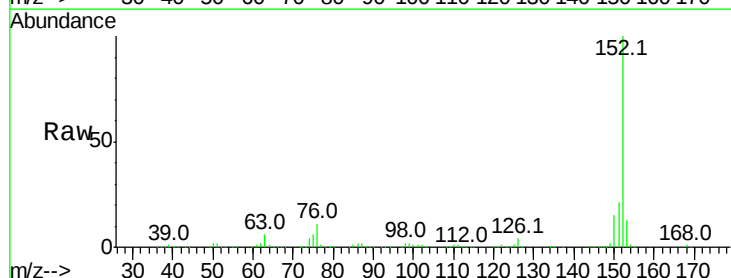
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

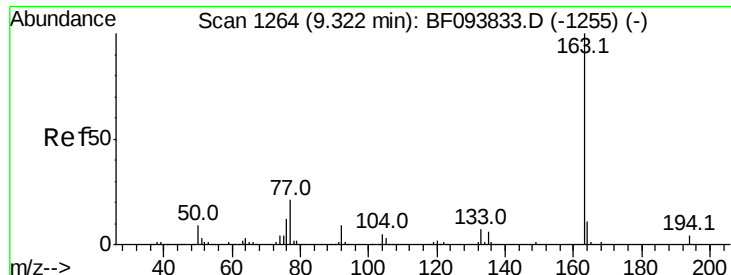
Tot Ion: 65 Resp: 273039
Ion Ratio Lower Upper
65 100
92 70.4 53.9 80.9
138 117.5 78.8 118.2



#48
Acenaphthylene
Concen: 39.45 ng
RT: 9.40 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

Tgt Ion:152 Resp: 1470816
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 13.2 10.8 16.2

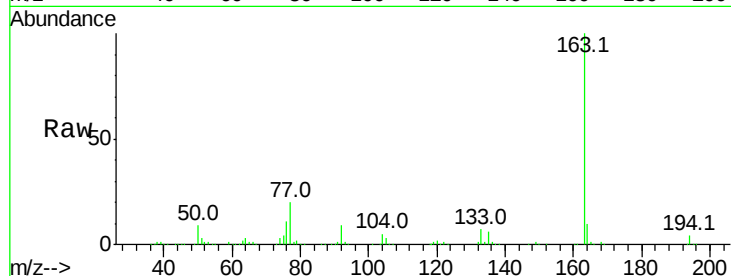




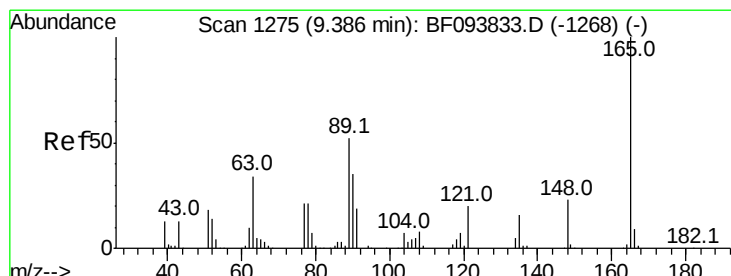
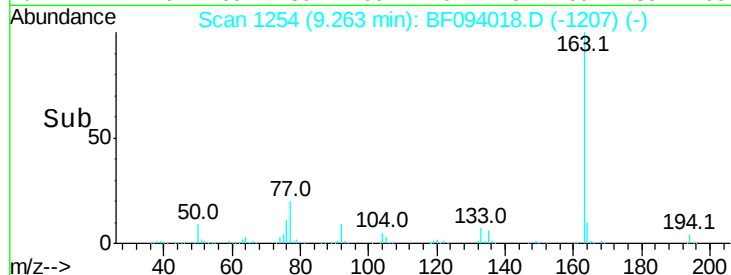
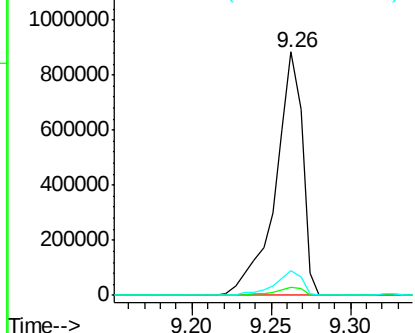
#49
Dimethylphthalate
Concen: 41.42 ng
RT: 9.26 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1046033
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.3 8.4 12.6

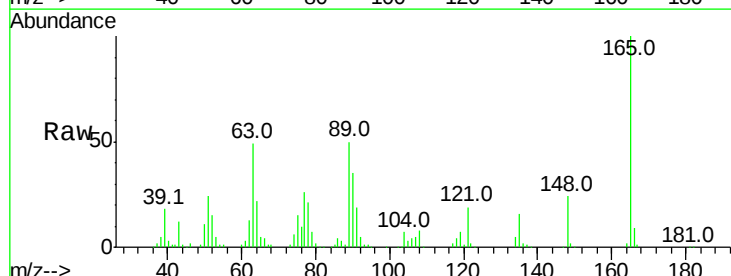


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

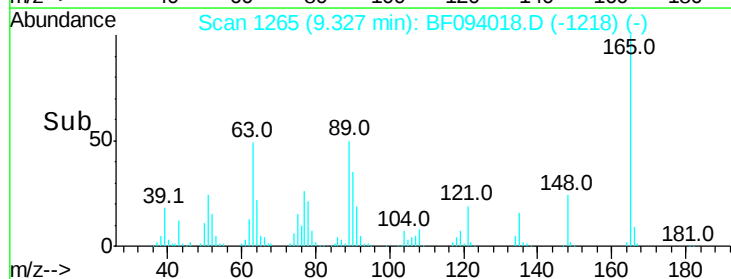
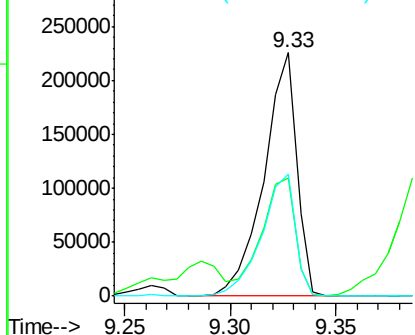


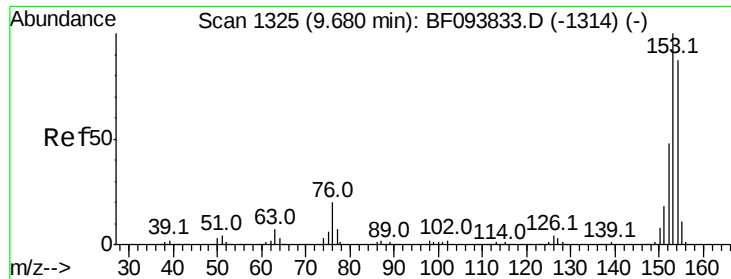
#50
2,6-Dinitrotoluene
Concen: 42.16 ng
RT: 9.33 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

Tgt Ion:165 Resp: 244096
Ion Ratio Lower Upper
165 100
63 48.6 34.3 51.5
89 50.0 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

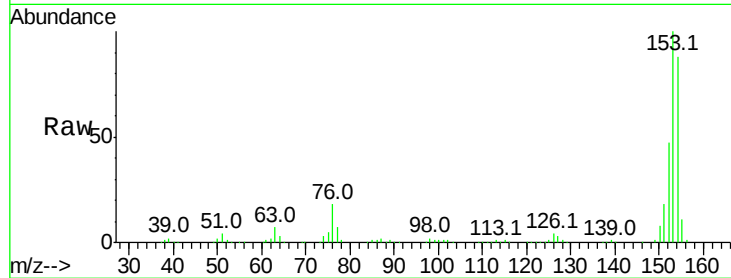




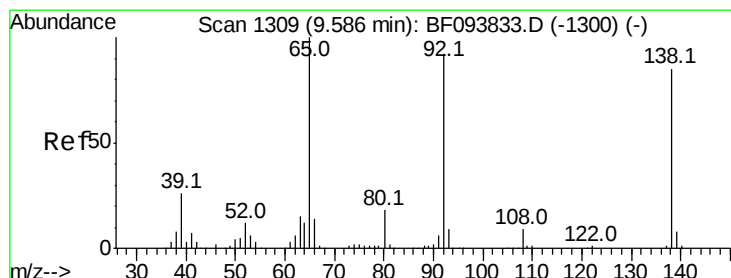
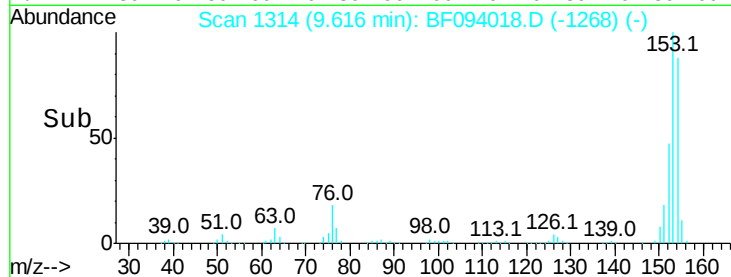
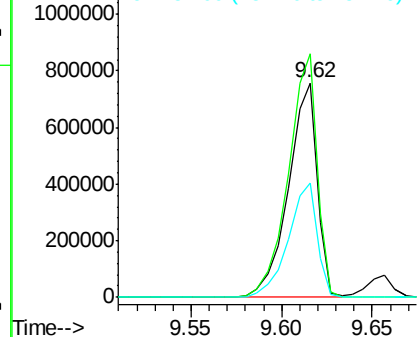
#51
Acenaphthene
Concen: 38.67 ng
RT: 9.62 min Scan# 1314
Delta R.T. -0.03 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:154 Resp: 841344
Ion Ratio Lower Upper
154 100
153 113.6 90.5 135.7
152 53.3 43.6 65.4

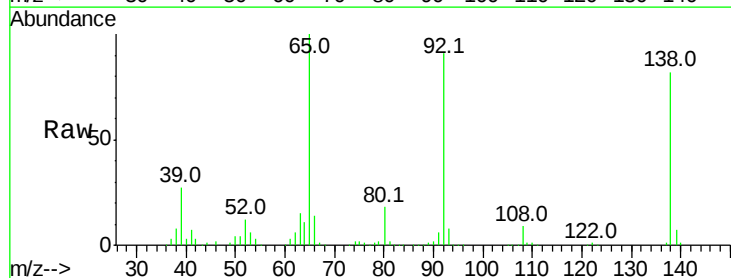


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

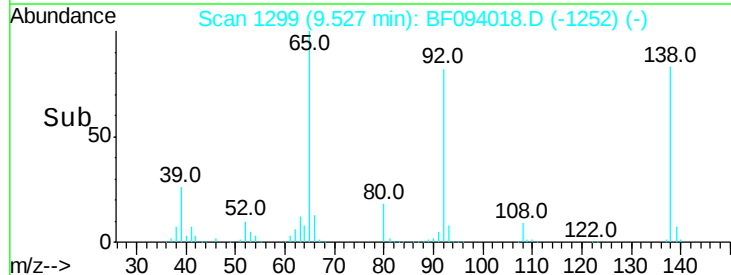
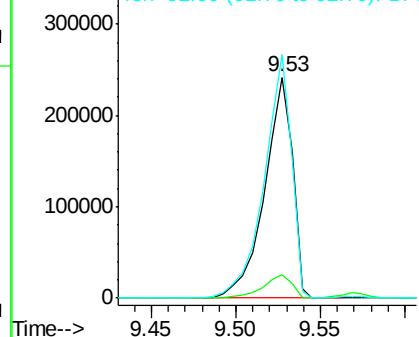


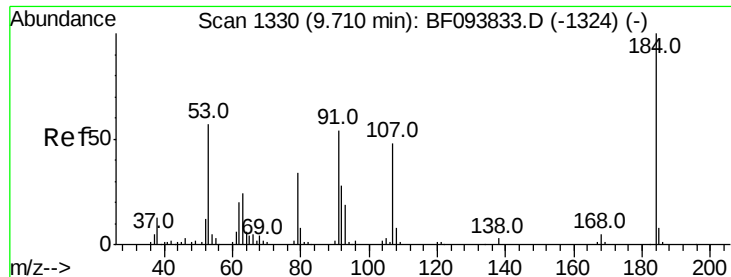
#52
3-Nitroaniline
Concen: 40.61 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

Tgt Ion:138 Resp: 276087
Ion Ratio Lower Upper
138 100
108 10.8 9.1 13.7
92 110.2 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

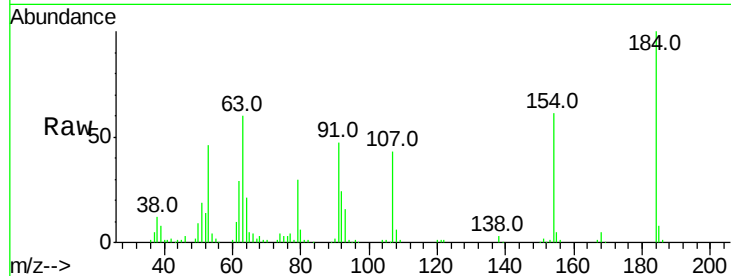




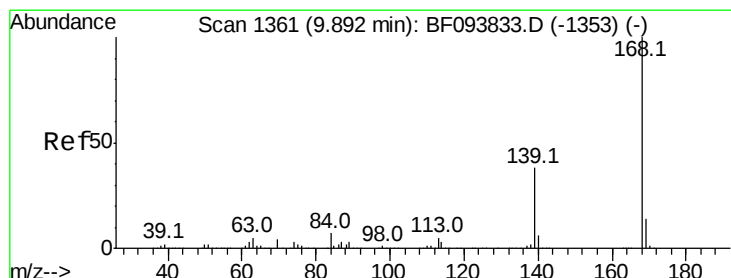
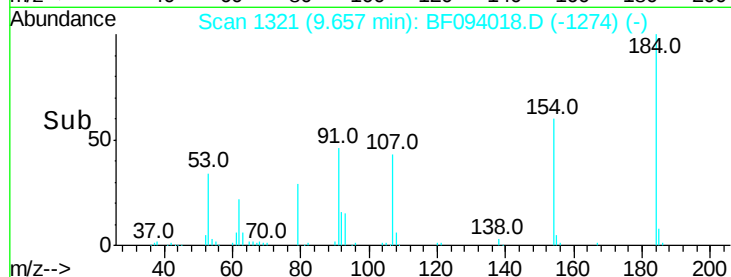
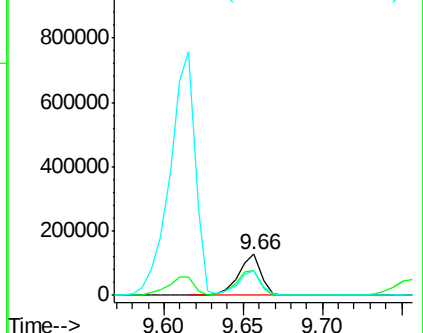
#53
2,4-Dinitrophenol
Concen: 43.01 ng
RT: 9.66 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 126173
Ion Ratio Lower Upper
184 100
63 59.7 62.7 94.1#
154 61.5 81.1 121.7#

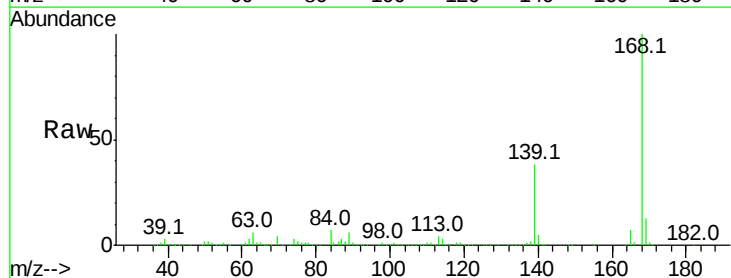


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

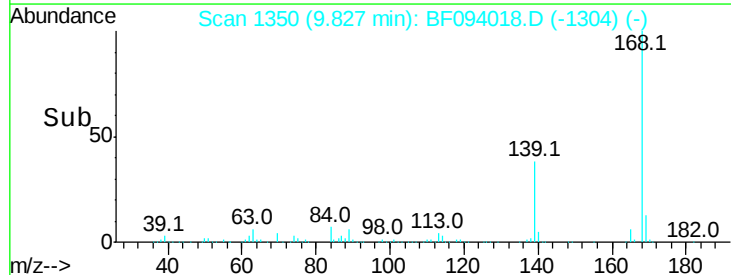
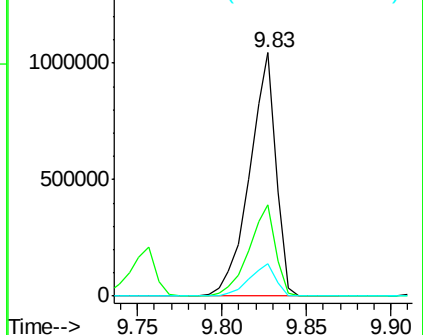


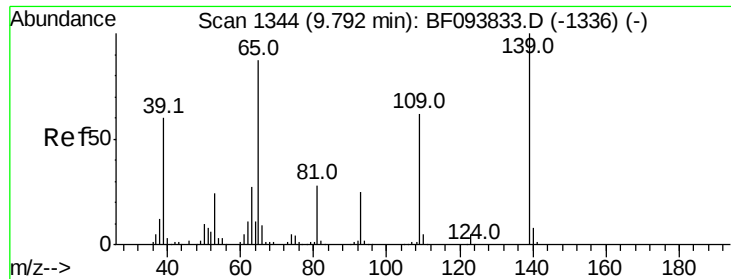
#54
Dibenzofuran
Concen: 38.37 ng
RT: 9.83 min Scan# 1350
Delta R.T. -0.03 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

Tgt Ion:168 Resp: 1136376
Ion Ratio Lower Upper
168 100
139 37.8 30.6 45.8
169 13.1 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

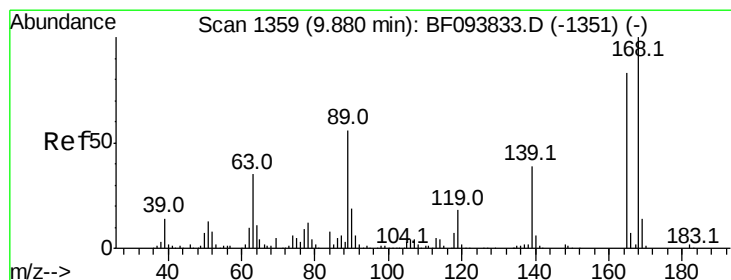
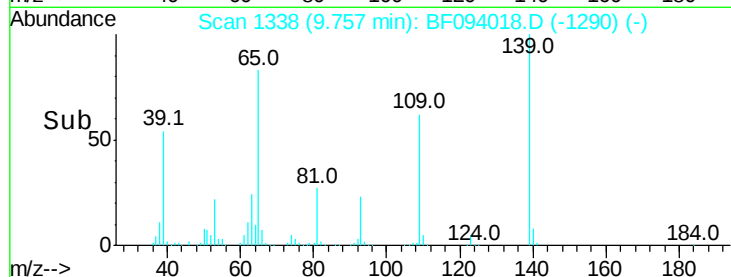
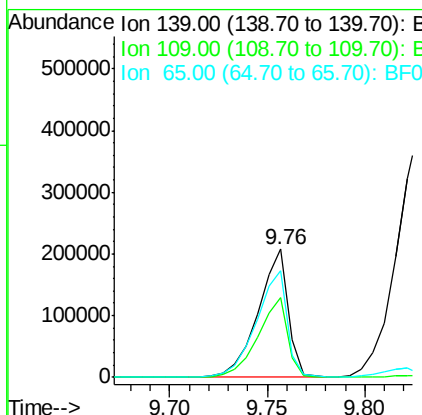
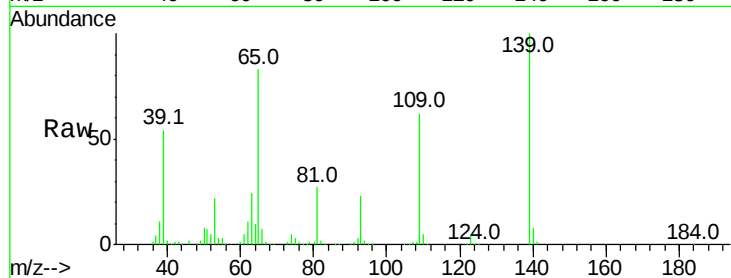




#55
4-Nitrophenol
Concen: 41.70 ng
RT: 9.76 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

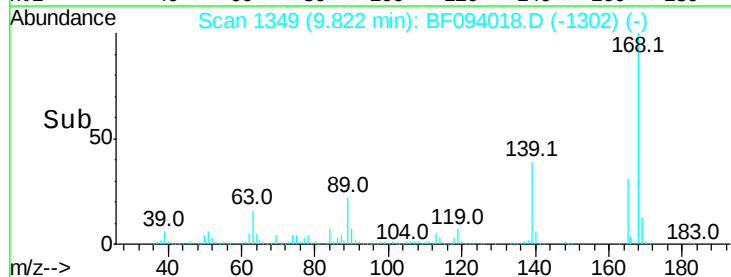
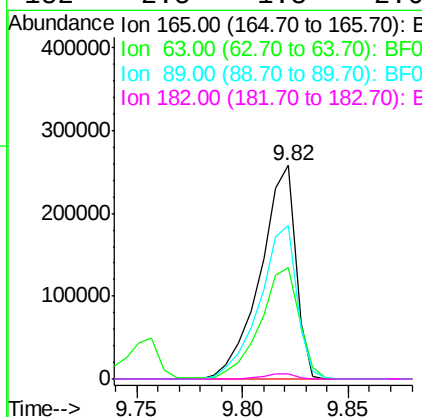
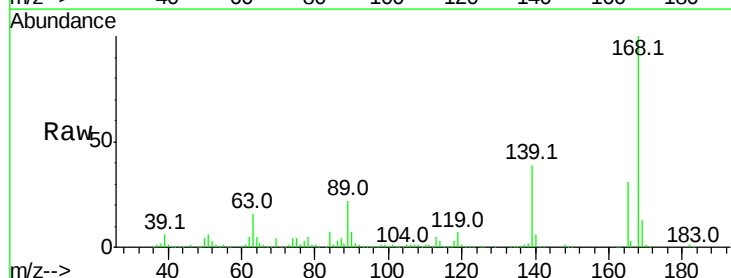
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

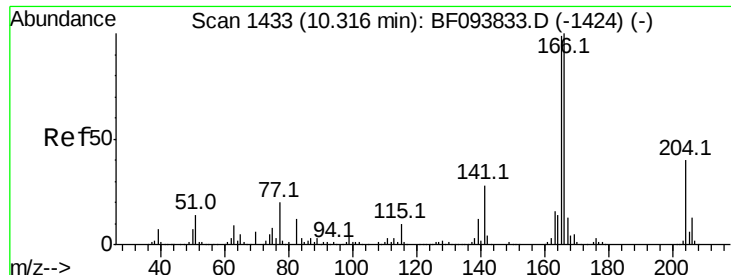
Tot Ion:139 Resp: 222041
Ion Ratio Lower Upper
139 100
109 62.5 34.1 74.1
65 83.2 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 41.30 ng
RT: 9.82 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

Tgt Ion:165 Resp: 300371
Ion Ratio Lower Upper
165 100
63 52.4 25.4 38.0#
89 71.9 46.4 69.6#
182 2.5 1.8 2.6

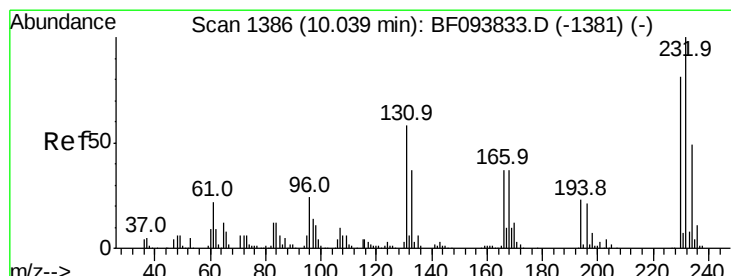
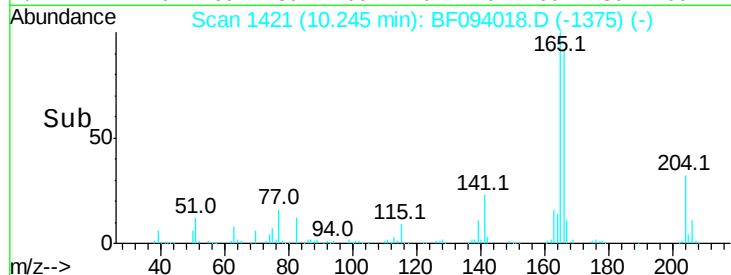
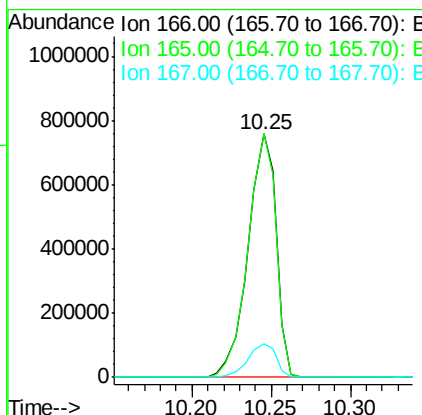
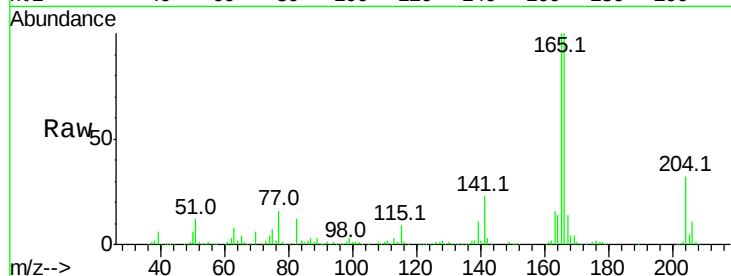




#57
Fluorene
 Concen: 38.08 ng
 RT: 10.25 min Scan# 1421
 Delta R.T. -0.03 min
 Lab File: BF094018.D
 Acq: 29 Mar 2017 14:55

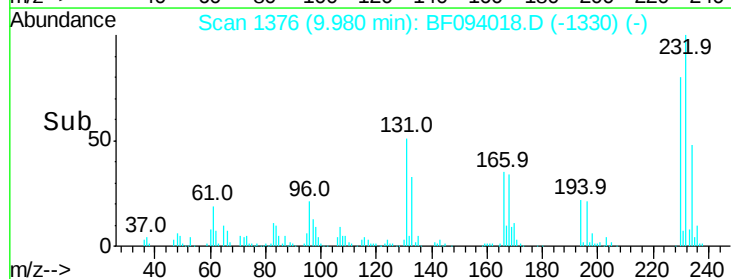
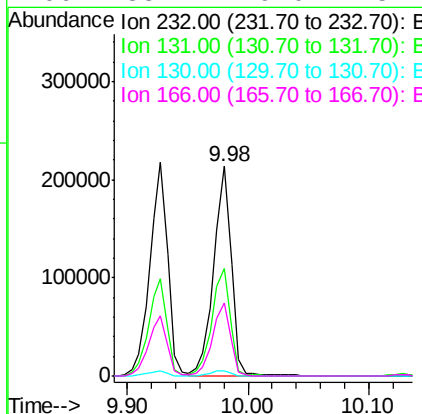
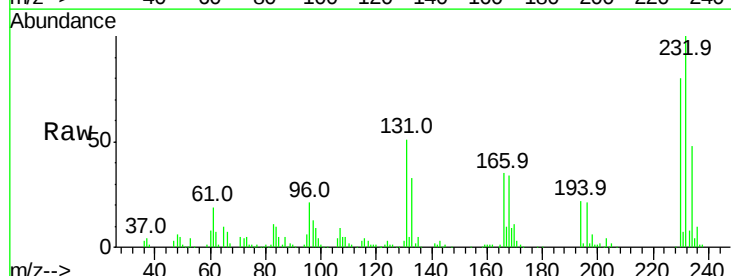
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

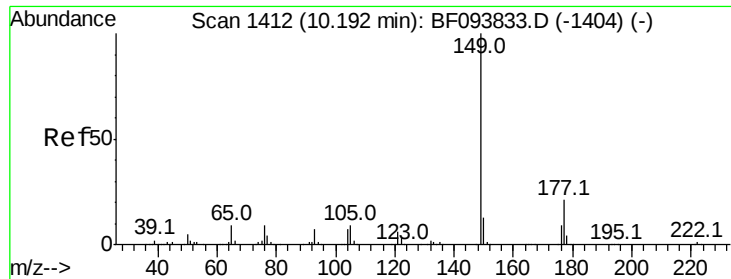
Tot Ion:166 Resp: 935319
 Ion Ratio Lower Upper
 166 100
 165 100.0 78.8 118.2
 167 13.6 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.95 ng
 RT: 9.98 min Scan# 1376
 Delta R.T. -0.03 min
 Lab File: BF094018.D
 Acq: 29 Mar 2017 14:55

Tgt Ion:232 Resp: 214196
 Ion Ratio Lower Upper
 232 100
 131 53.7 44.8 67.2
 130 2.7 2.3 3.5
 166 35.7 29.0 43.4

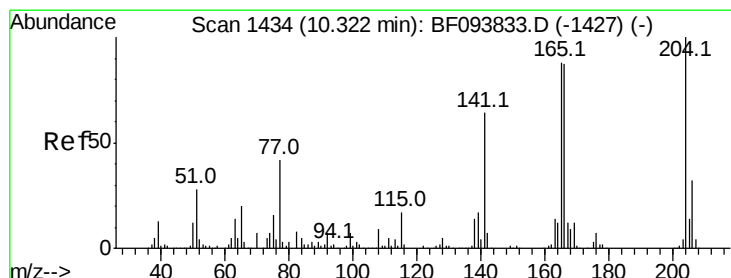
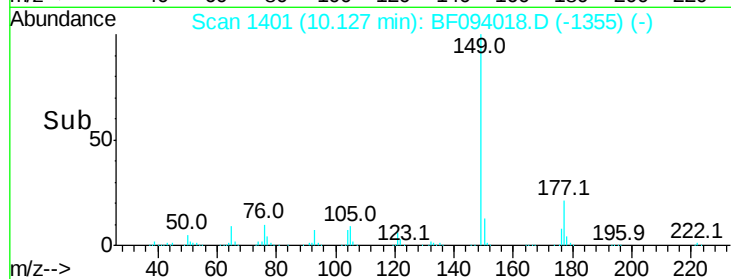
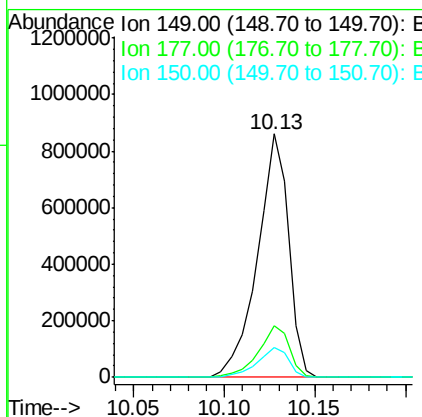
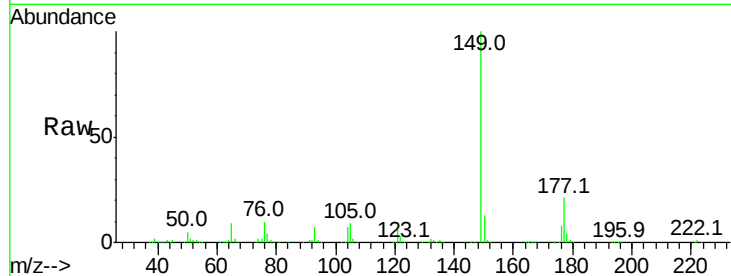




#59
Diethylphthalate
Concen: 41.16 ng
RT: 10.13 min Scan# 1401
Delta R.T. -0.03 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

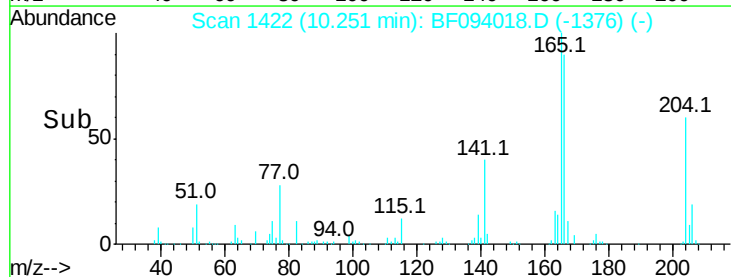
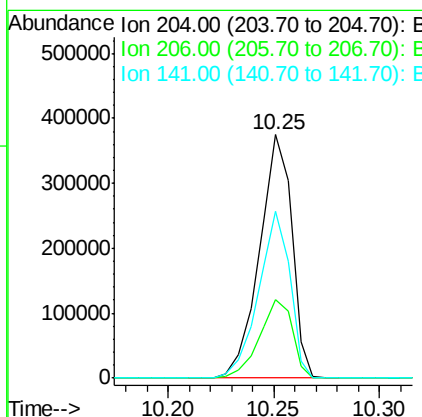
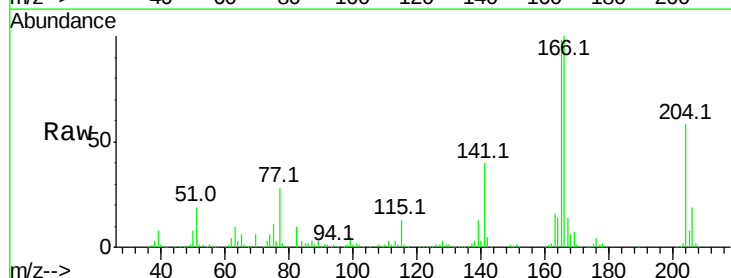
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

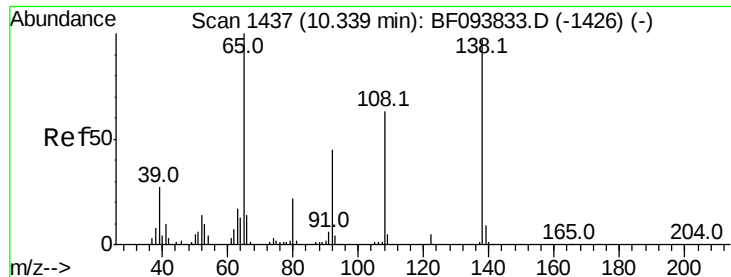
Tot Ion:149 Resp: 1027608
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.29 ng
RT: 10.25 min Scan# 1422
Delta R.T. -0.03 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

Tgt Ion:204 Resp: 400656
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 68.4 60.8 91.2

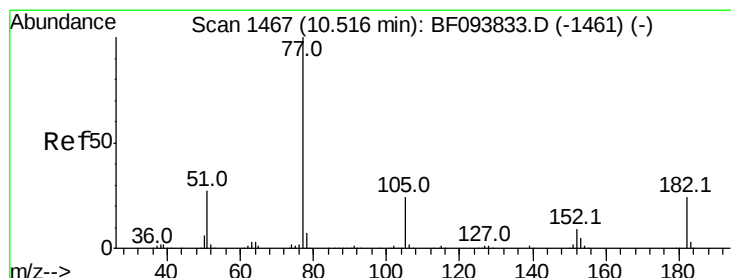
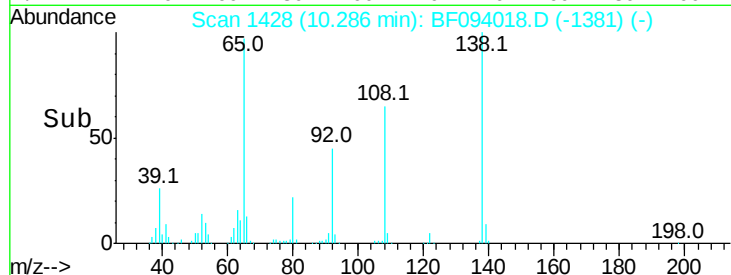
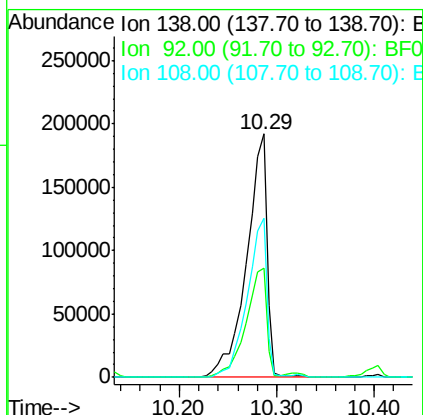
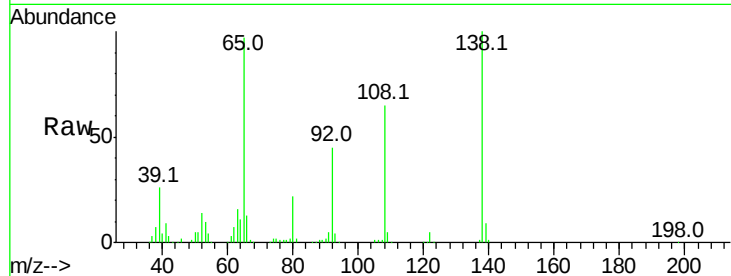




#61
4-Nitroaniline
Concen: 43.17 ng
RT: 10.29 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

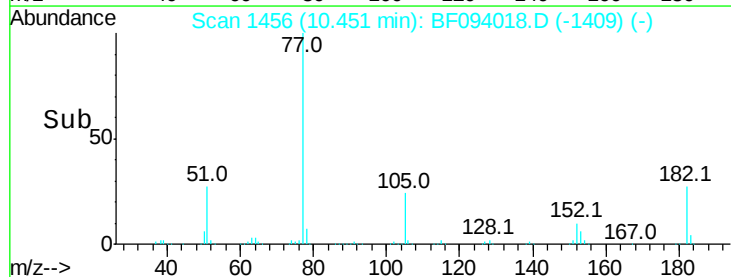
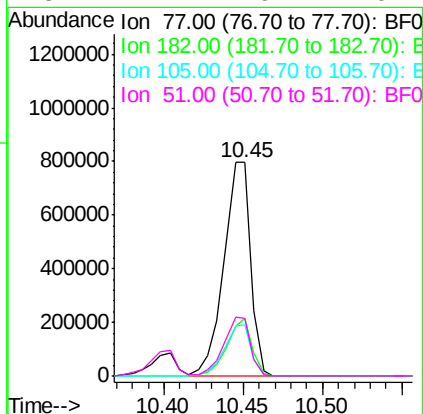
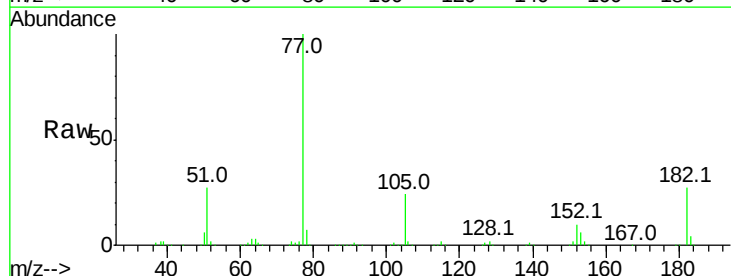
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

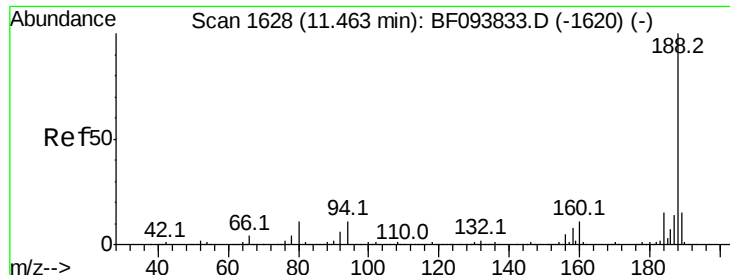
Tot Ion:138 Resp: 281635
Ion Ratio Lower Upper
138 100
92 44.9 21.8 61.8
108 65.2 42.3 82.3



#62
Azobenzene
Concen: 39.44 ng
RT: 10.45 min Scan# 1456
Delta R.T. -0.02 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

Tgt Ion: 77 Resp: 931362
Ion Ratio Lower Upper
77 100
182 26.8 0.1 40.1
105 24.0 3.6 43.6
51 27.1 9.4 49.4

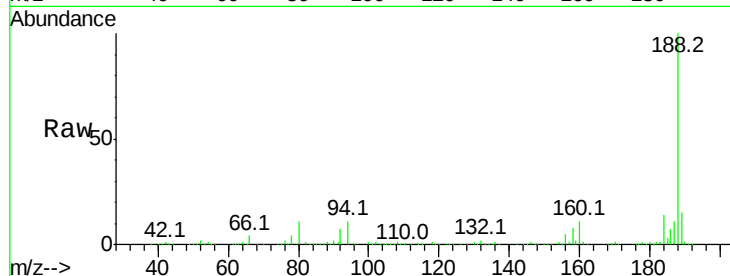




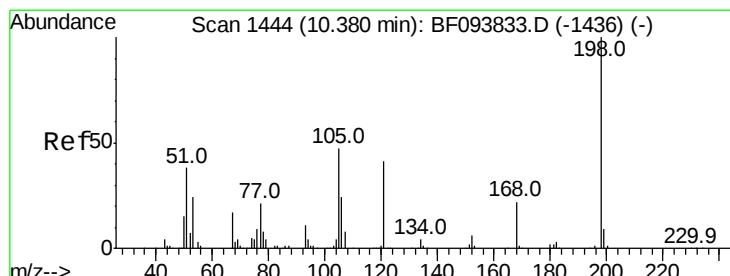
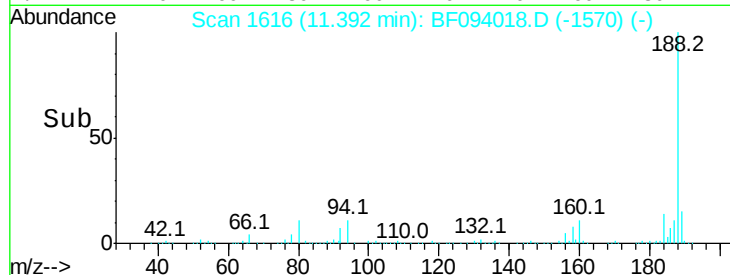
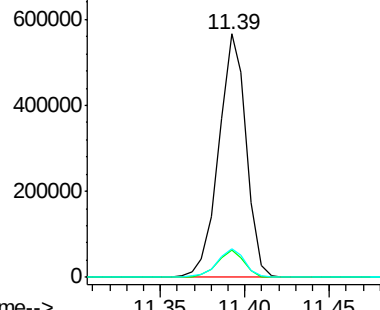
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.03 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 642934
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 11.5 10.2 15.2

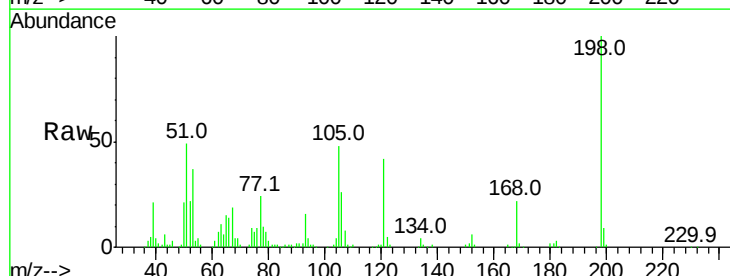


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

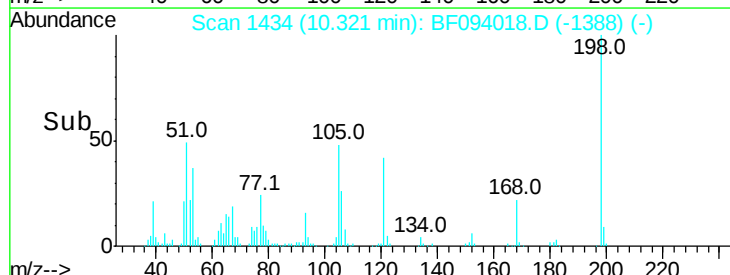
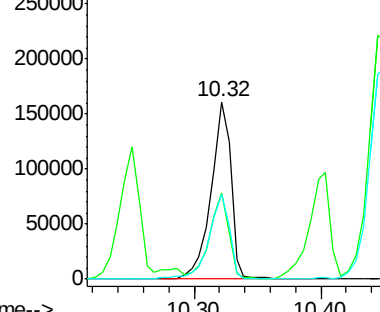


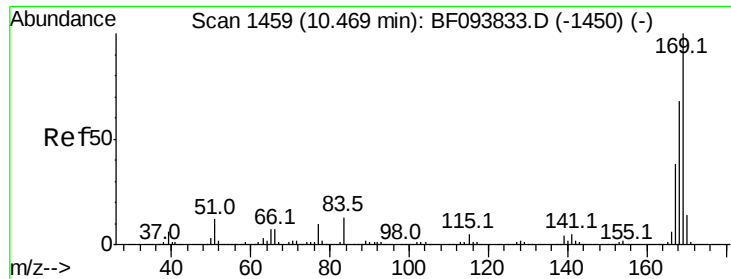
#64
4,6-Dinitro-2-methylphenol
Concen: 43.98 ng
RT: 10.32 min Scan# 1434
Delta R.T. -0.03 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

Tgt Ion:198 Resp: 173176
Ion Ratio Lower Upper
198 100
51 48.6 53.2 93.2#
105 48.0 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

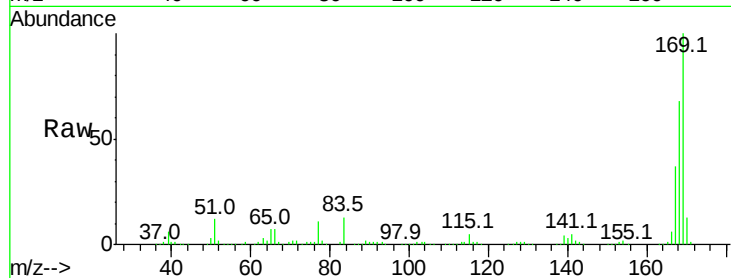




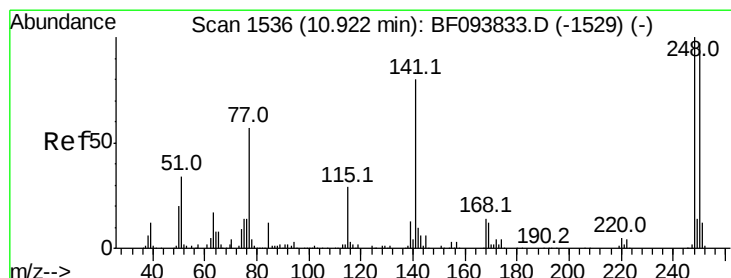
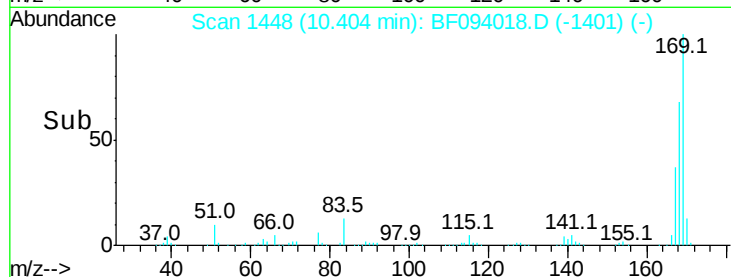
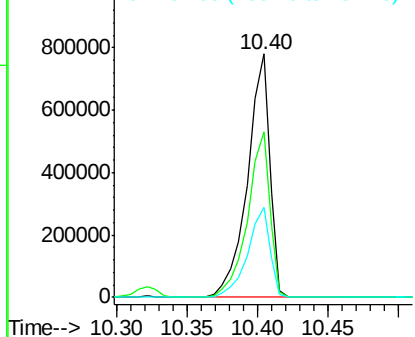
#65
 n-Nitrosodiphenylamine
 Concen: 38.97 ng
 RT: 10.40 min Scan# 1448
 Delta R.T. -0.02 min
 Lab File: BF094018.D
 Acq: 29 Mar 2017 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:169 Resp: 866359
 Ion Ratio Lower Upper
 169 100
 168 68.0 53.2 79.8
 167 37.1 29.5 44.3

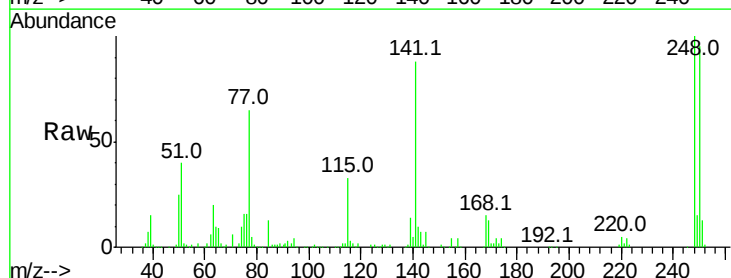


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

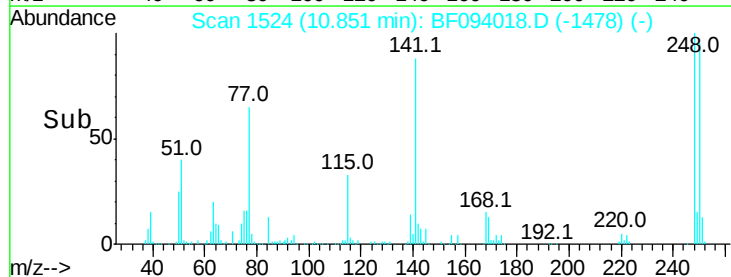
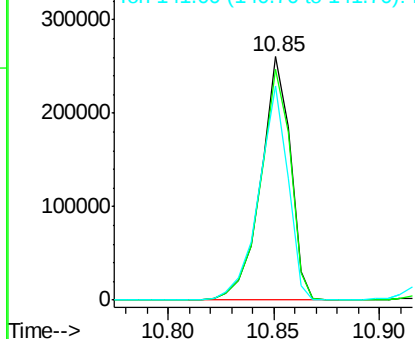


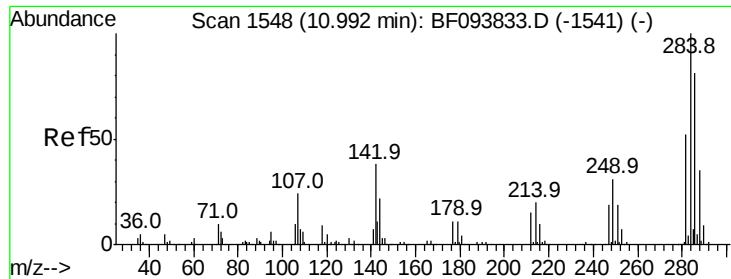
#66
 4-Bromophenyl-phenylether
 Concen: 40.21 ng
 RT: 10.85 min Scan# 1524
 Delta R.T. -0.03 min
 Lab File: BF094018.D
 Acq: 29 Mar 2017 14:55

Tgt Ion:248 Resp: 254276
 Ion Ratio Lower Upper
 248 100
 250 94.6 76.8 115.2
 141 87.9 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

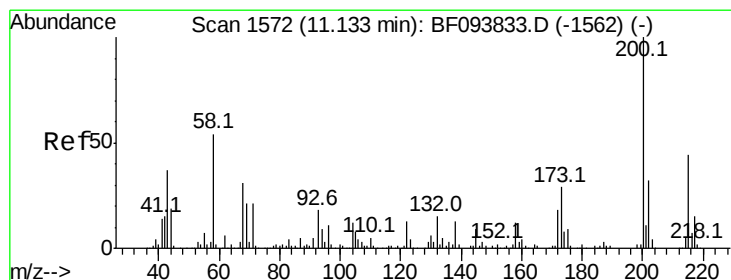
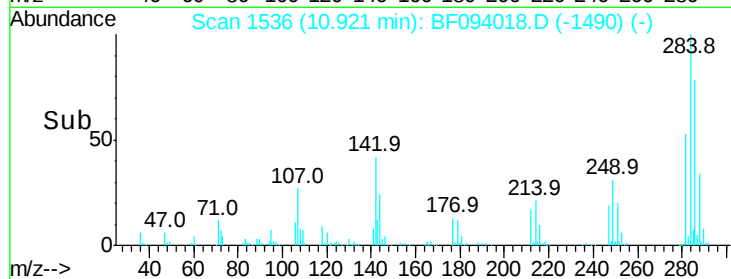
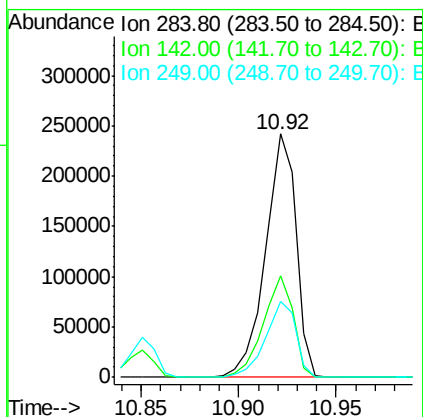
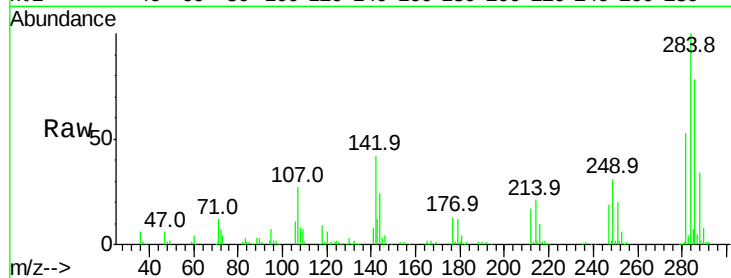




#67
Hexachlorobenzene
Concen: 41.11 ng
RT: 10.92 min Scan# 1536
Delta R.T. -0.03 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

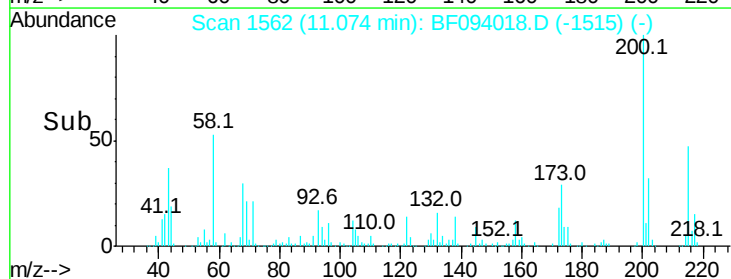
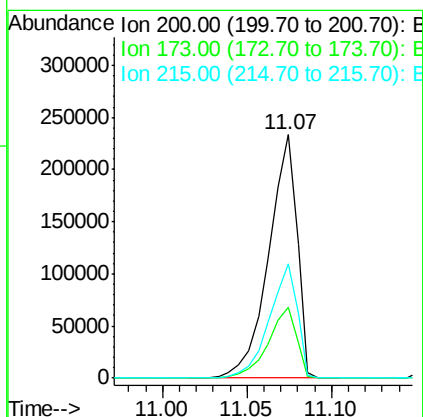
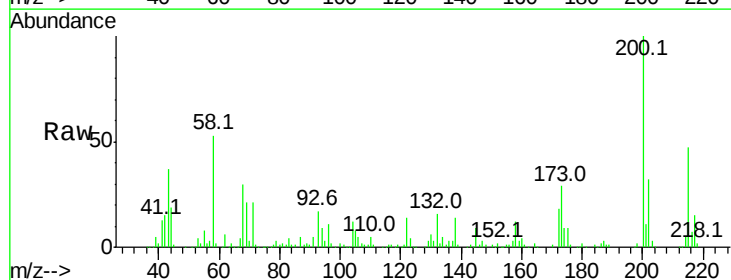
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

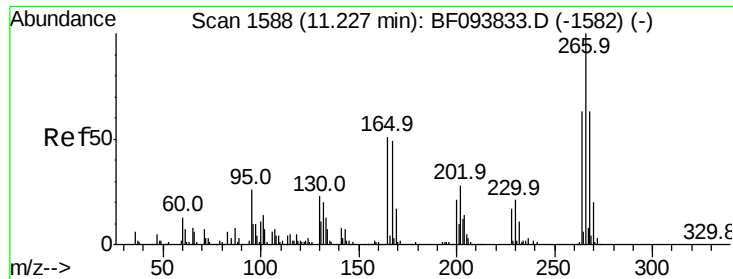
Tot Ion:284 Resp: 263166
Ion Ratio Lower Upper
284 100
142 41.5 22.8 34.2#
249 31.4 24.0 36.0



#68
Atrazine
Concen: 40.74 ng
RT: 11.07 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

Tgt Ion:200 Resp: 271307
Ion Ratio Lower Upper
200 100
173 28.9 6.3 46.3
215 47.2 27.2 67.2

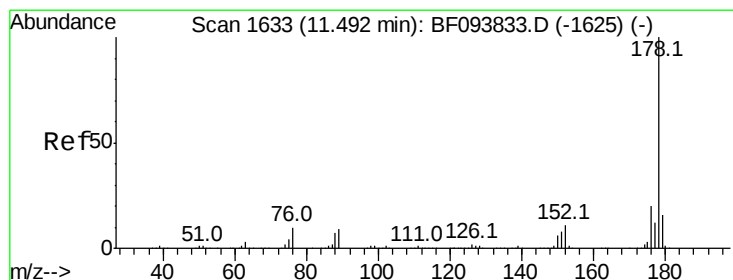
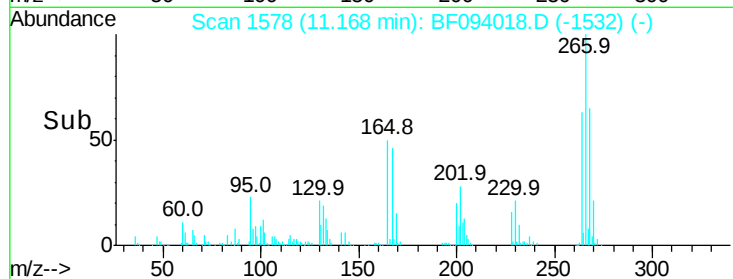
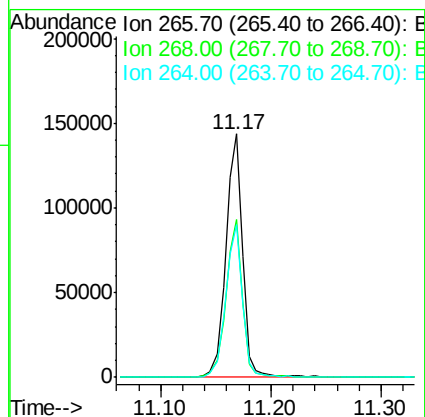
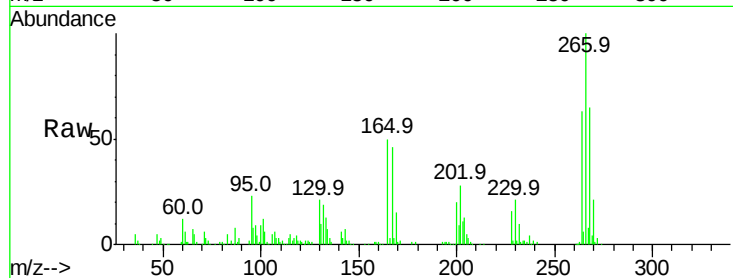




#69
 Pentachlorophenol
 Concen: 38.34 ng
 RT: 11.17 min Scan# 1578
 Delta R.T. -0.03 min
 Lab File: BF094018.D
 Acq: 29 Mar 2017 14:55

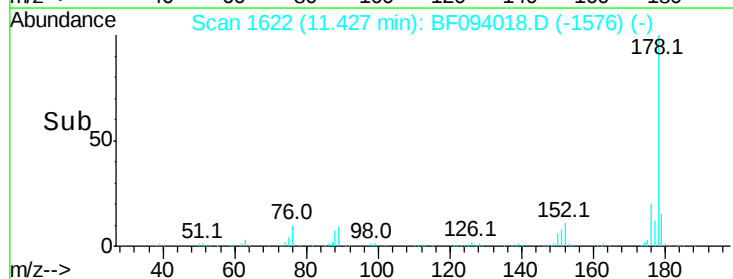
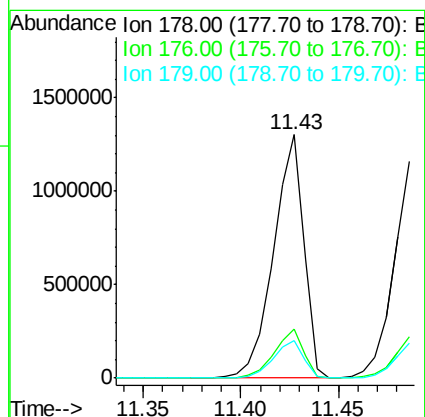
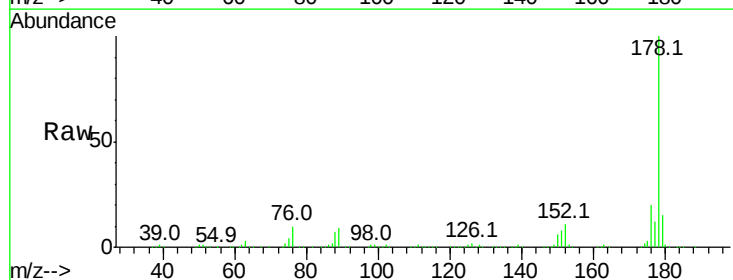
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

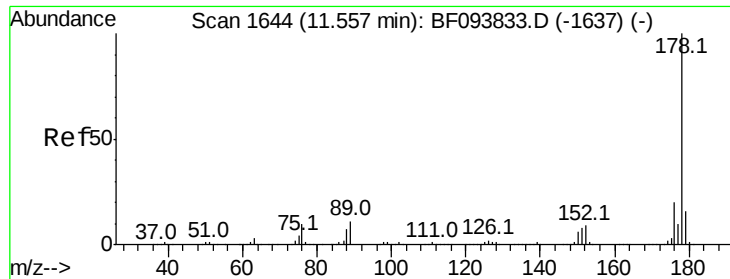
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.1	76.7
264	62.6	51.7	77.5



#70
 Phenanthrene
 Concen: 39.02 ng
 RT: 11.43 min Scan# 1622
 Delta R.T. -0.03 min
 Lab File: BF094018.D
 Acq: 29 Mar 2017 14:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.3	12.6	19.0





#71

Anthracene

Concen: 39.24 ng

RT: 11.49 min Scan# 1633

Delta R.T. -0.03 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

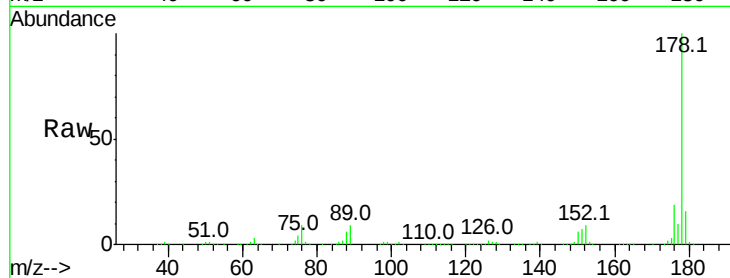
Tot Ion:178 Resp: 1444899

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

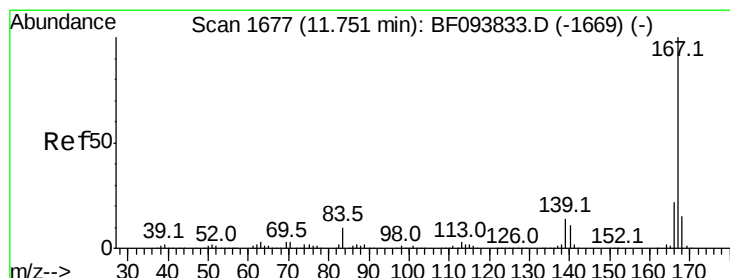
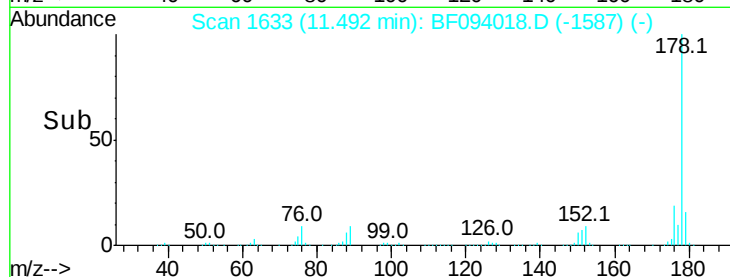
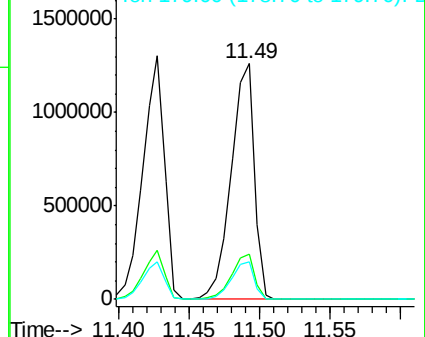
179 15.9 12.7 19.1



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: 39.44 ng

RT: 11.69 min Scan# 1667

Delta R.T. -0.03 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

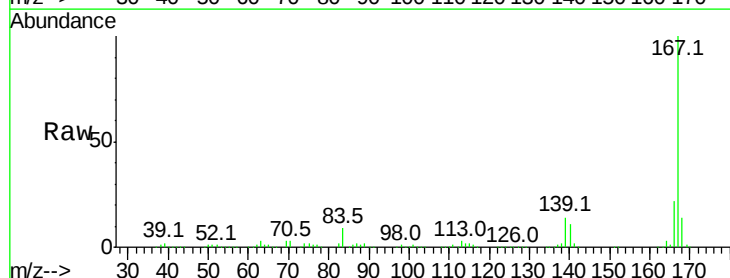
Tgt Ion:167 Resp: 1489332

Ion Ratio Lower Upper

167 100

166 22.5 18.1 27.1

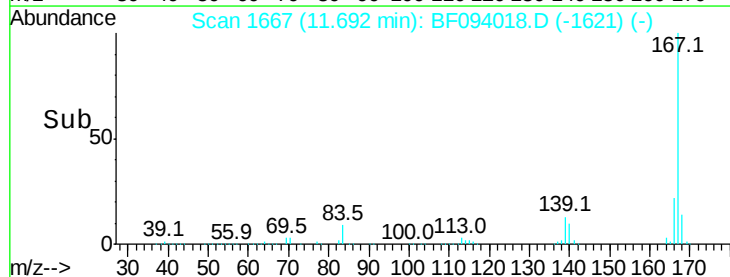
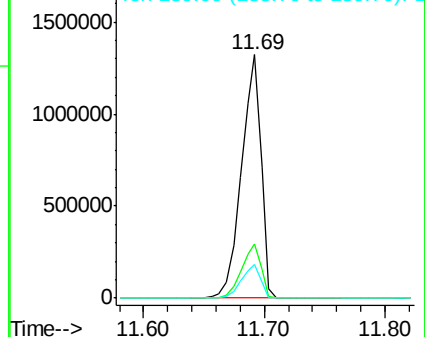
139 13.6 11.7 17.5

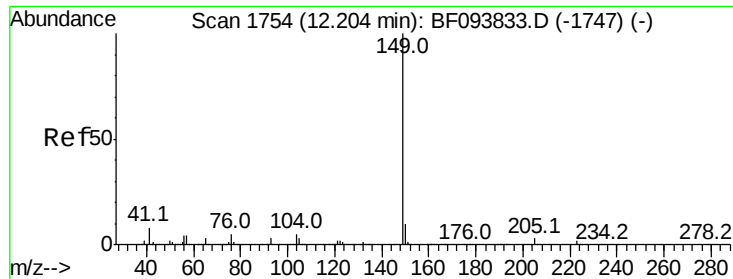


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.18 ng

RT: 12.14 min Scan# 1743

Delta R.T. -0.03 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

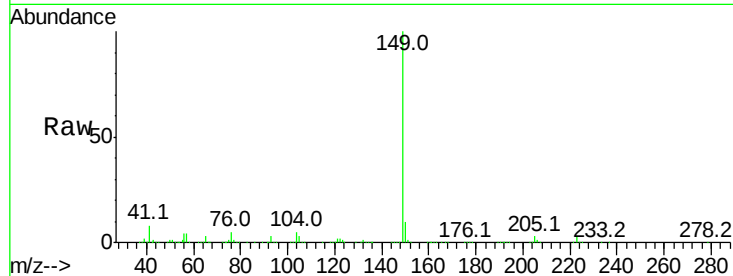
Tot Ion:149 Resp: 1617330

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

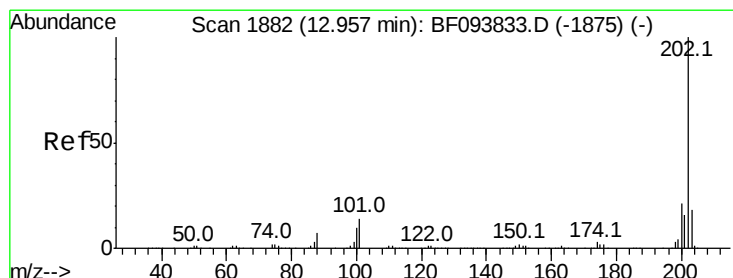
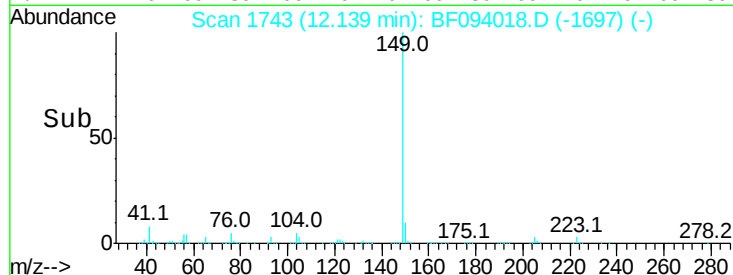
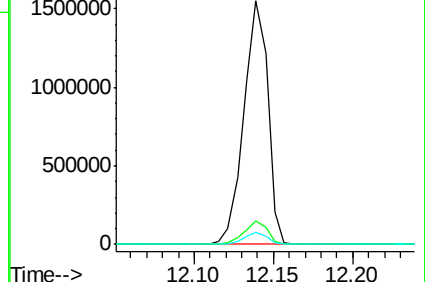
104 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.03 ng

RT: 12.89 min Scan# 1870

Delta R.T. -0.04 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

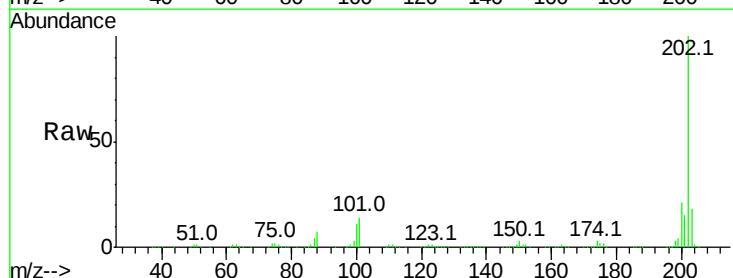
Tgt Ion:202 Resp: 1465882

Ion Ratio Lower Upper

202 100

101 14.4 0.0 33.2

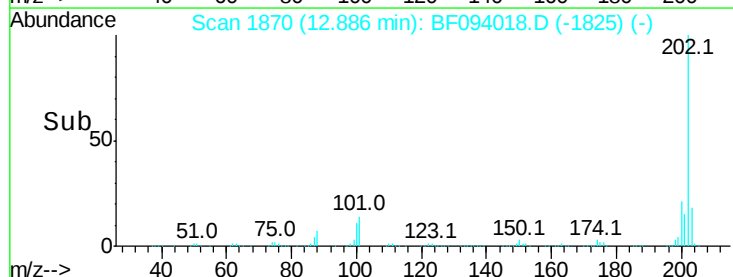
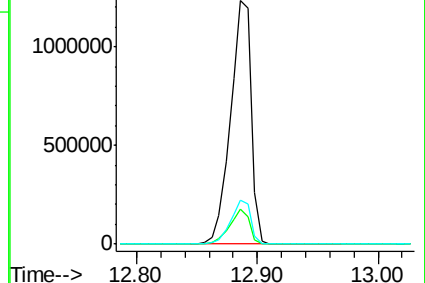
203 18.0 0.0 38.1

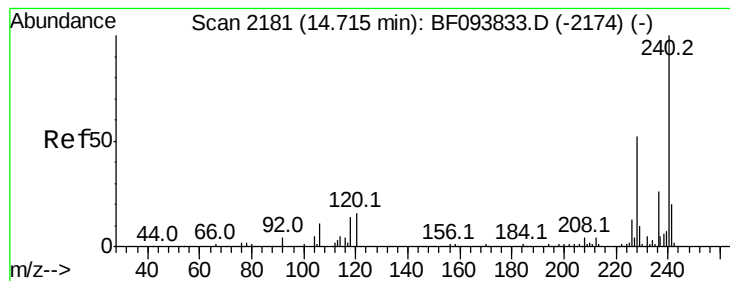


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.65 min Scan# 2170

Delta R.T. -0.03 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

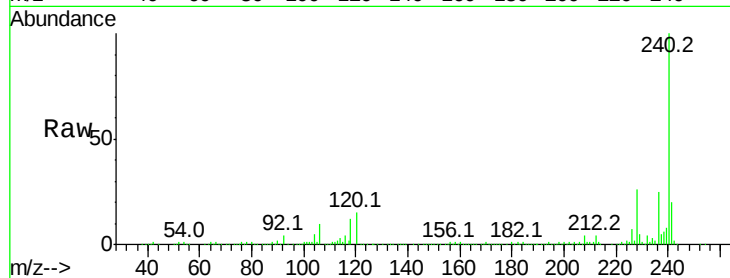
Tot Ion:240 Resp: 527961

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

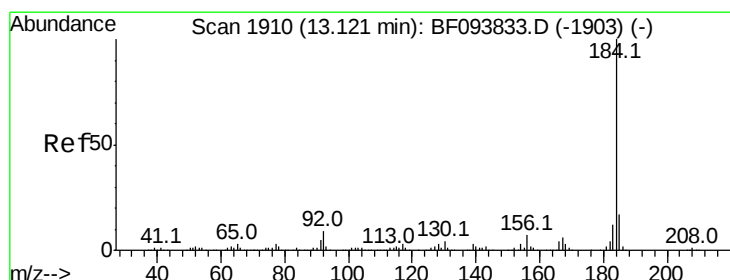
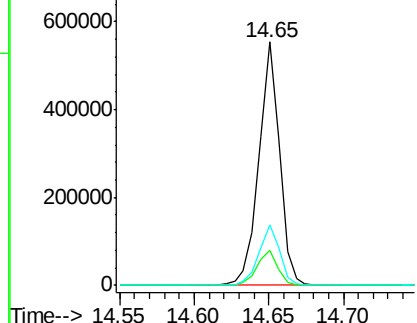
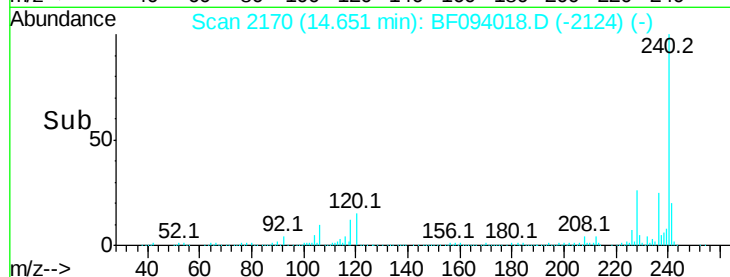
236 25.1 20.5 30.7



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: 24.98 ng

RT: 13.05 min Scan# 1898

Delta R.T. -0.04 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

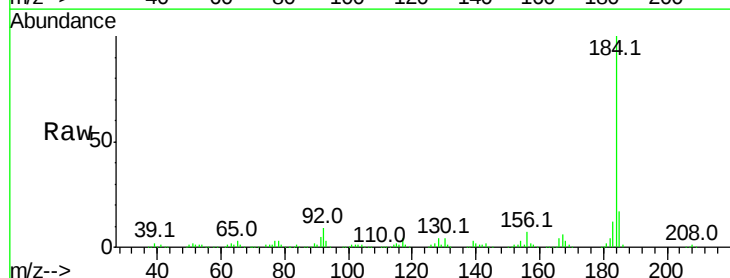
Tgt Ion:184 Resp: 521965

Ion Ratio Lower Upper

184 100

185 17.4 15.5 23.3

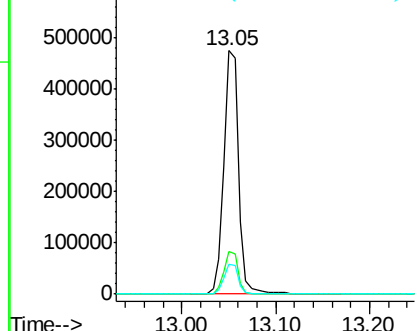
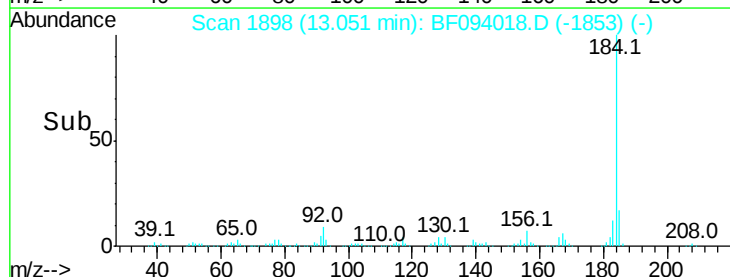
183 12.0 9.8 14.6

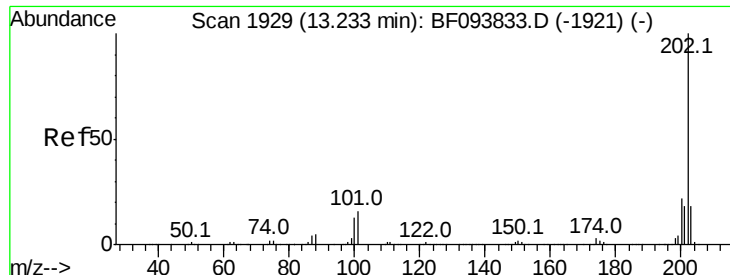


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

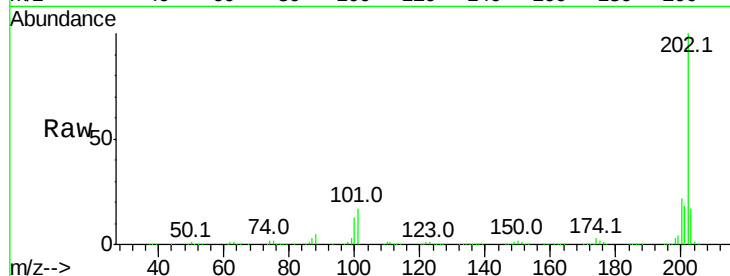




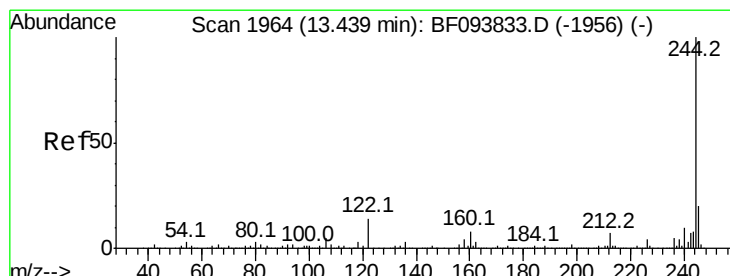
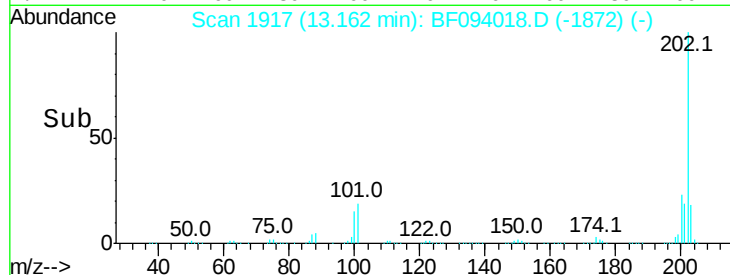
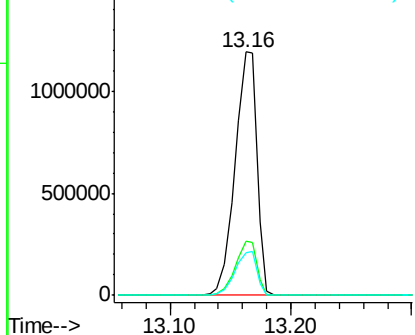
#77
Pvrene
Concen: 39.48 ng
RT: 13.16 min Scan# 1917
Delta R.T. -0.04 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1512734
Ion Ratio Lower Upper
202 100
200 22.2 17.6 26.4
203 17.5 14.4 21.6

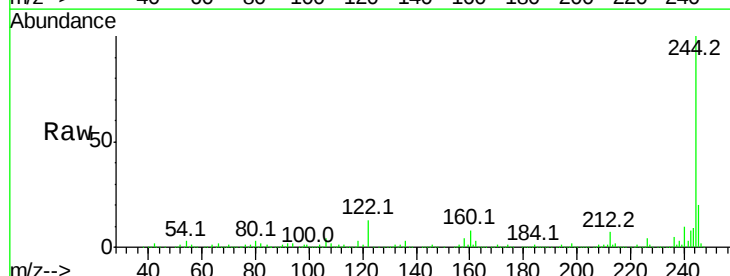


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

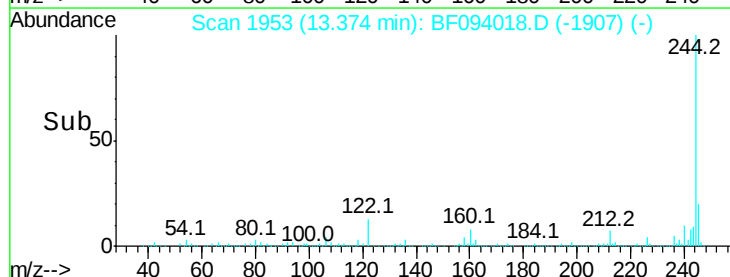
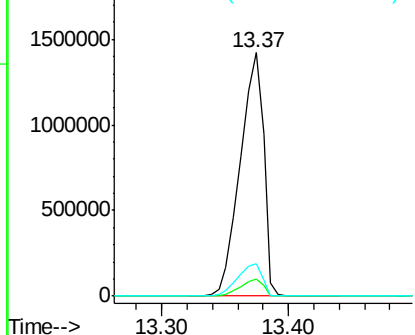


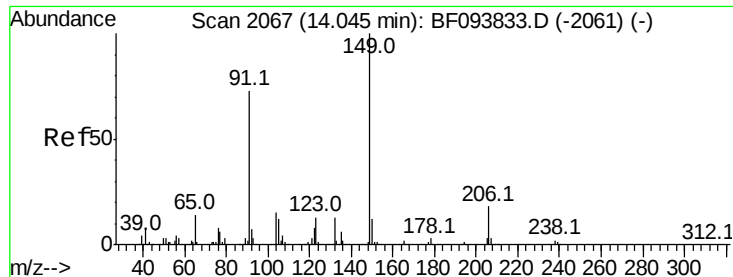
#78
Terphenyl-d14
Concen: 77.20 ng
RT: 13.37 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

Tgt Ion:244 Resp: 1818279
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 13.4 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

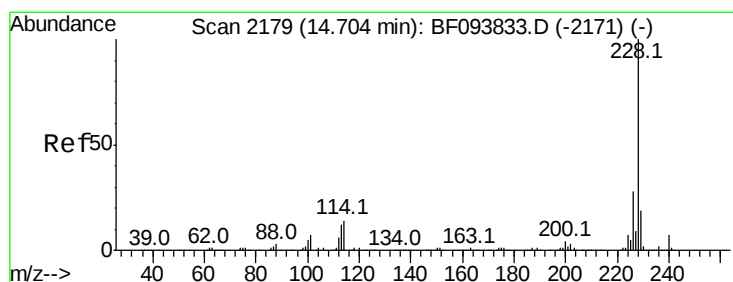
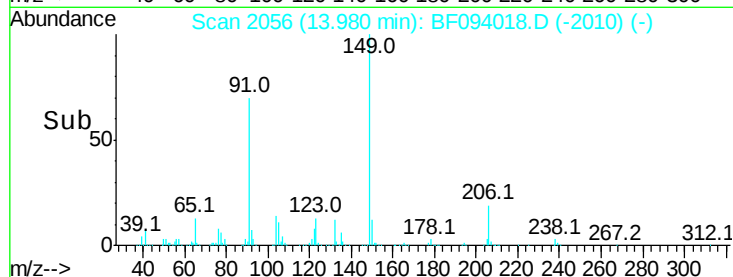
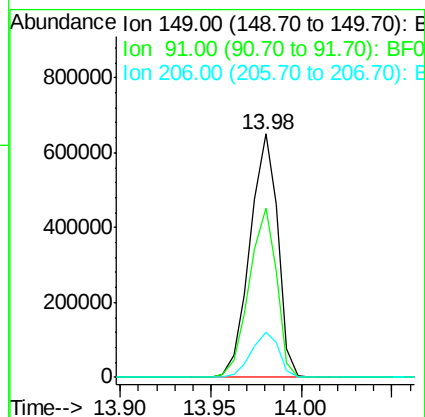
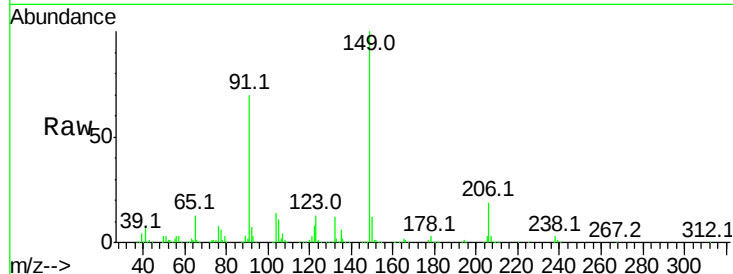




#79
Butylbenzylphthalate
Concen: 42.47 ng
RT: 13.98 min Scan# 2056
Delta R.T. -0.03 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

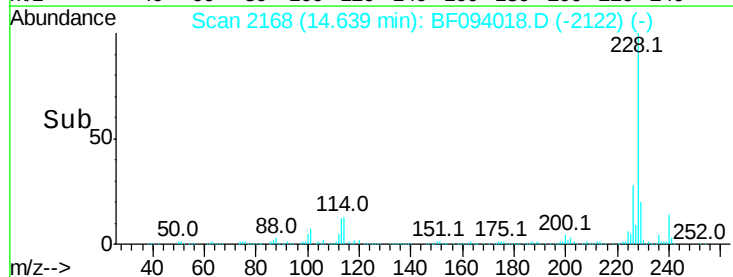
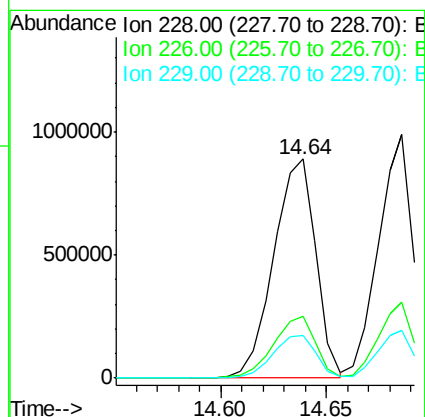
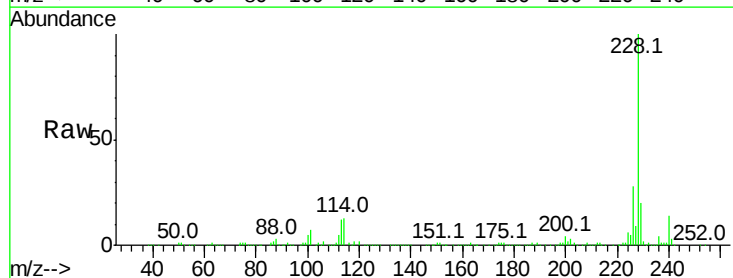
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

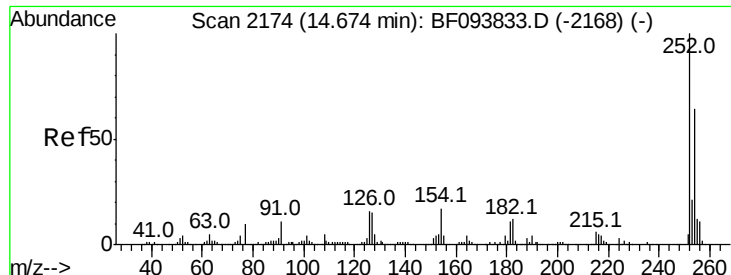
Tot Ion:149 Resp: 693288
Ion Ratio Lower Upper
149 100
91 69.7 45.0 67.4#
206 18.7 17.0 25.6



#80
Benzo(a)anthracene
Concen: 40.15 ng
RT: 14.64 min Scan# 2168
Delta R.T. -0.03 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

Tgt Ion:228 Resp: 1236083
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 19.7 16.3 24.5

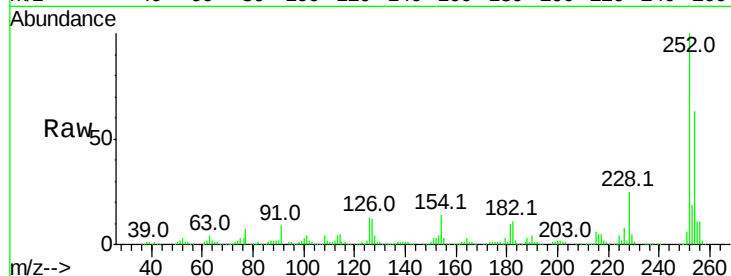




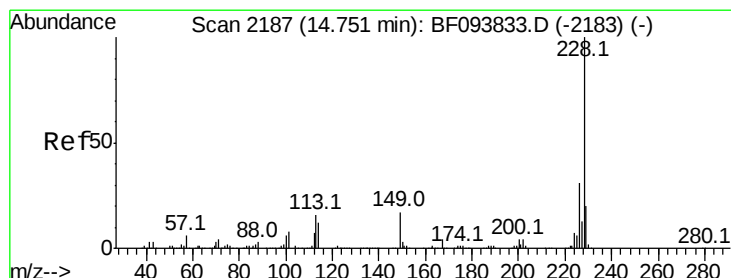
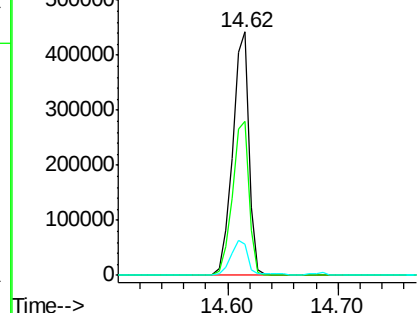
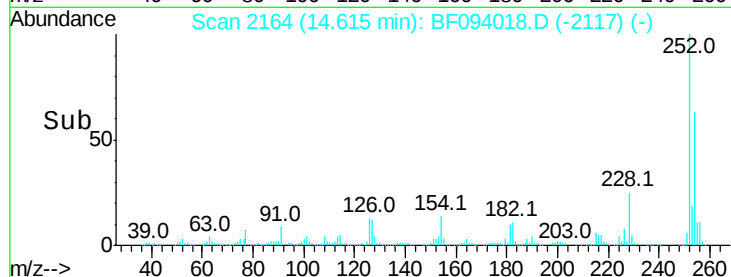
#81
 3,3'-Dichlorobenzidine
 Concen: 41.73 ng
 RT: 14.62 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BF094018.D
 Acq: 29 Mar 2017 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 459262
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.5 77.3
 126 12.7 15.8 23.8#

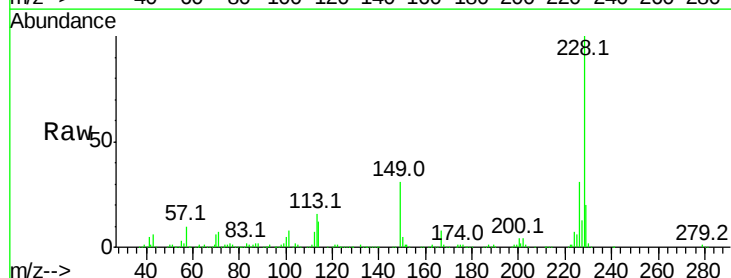


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

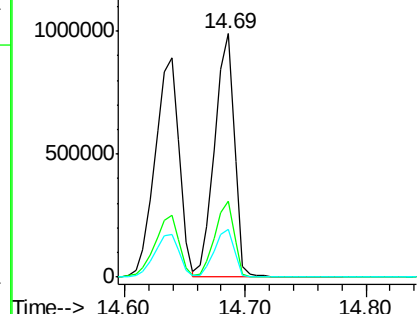
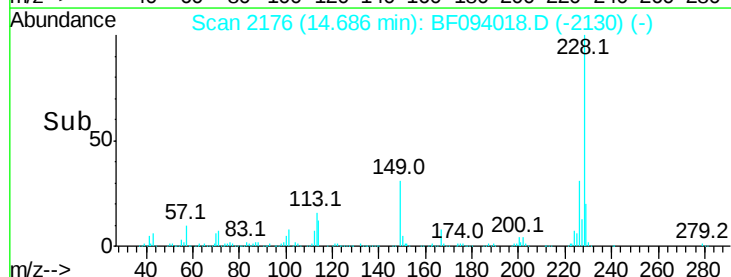


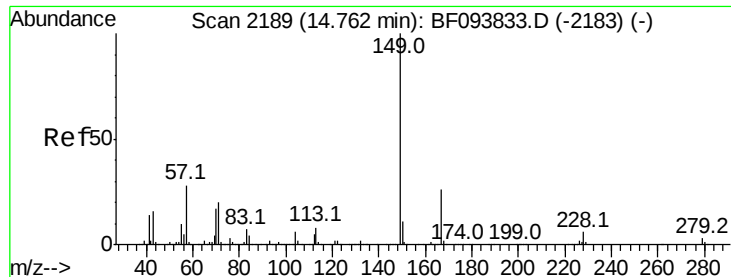
#82
 Chrysene
 Concen: 38.90 ng
 RT: 14.69 min Scan# 2176
 Delta R.T. -0.03 min
 Lab File: BF094018.D
 Acq: 29 Mar 2017 14:55

Tgt Ion:228 Resp: 1111268
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 19.6 15.8 23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.15 ng

RT: 14.70 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

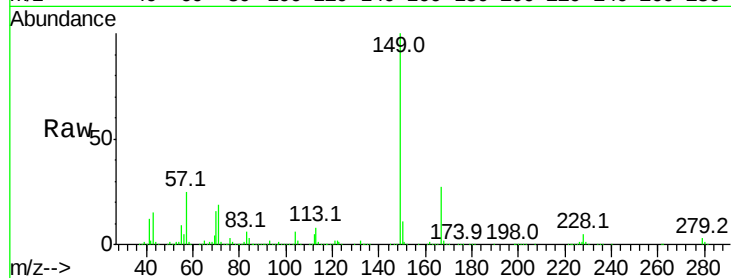
Tot Ion:149 Resp: 916624

Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.4

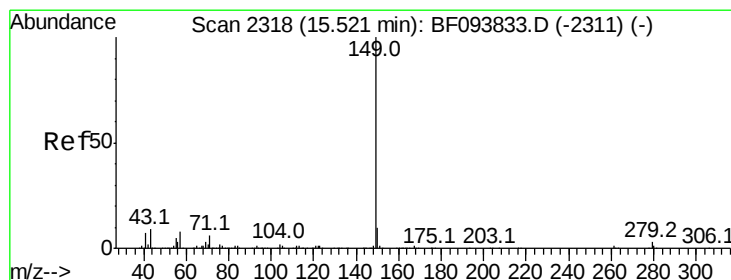
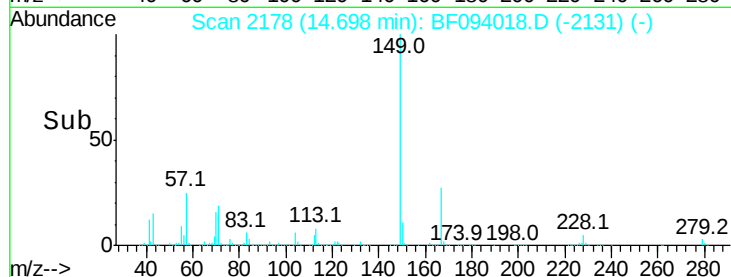
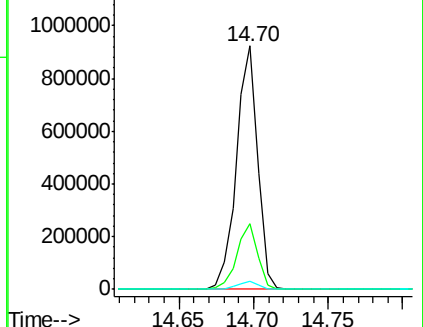
279 3.1 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.88 ng

RT: 15.45 min Scan# 2306

Delta R.T. -0.03 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

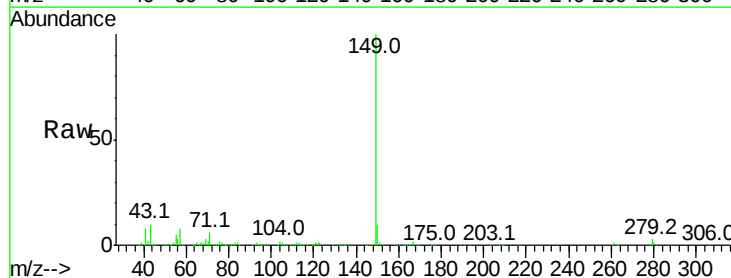
Tgt Ion:149 Resp: 1595448

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

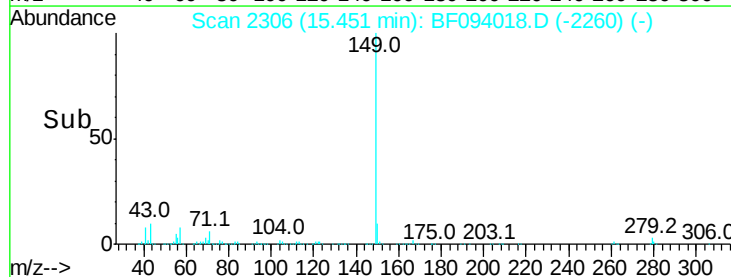
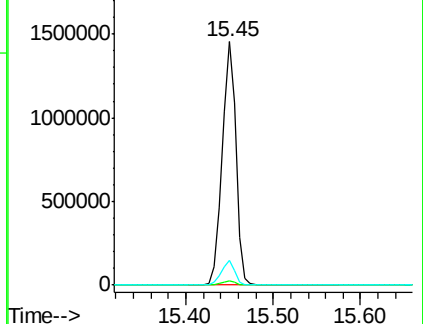
43 9.7 8.5 12.7

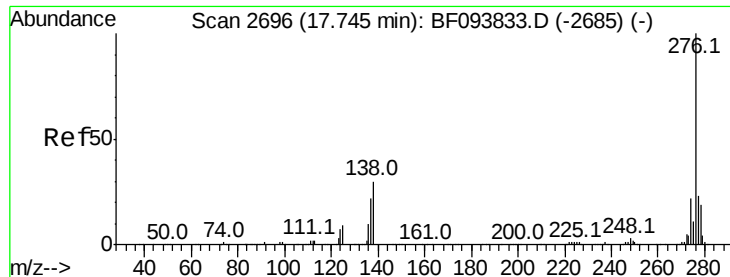


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

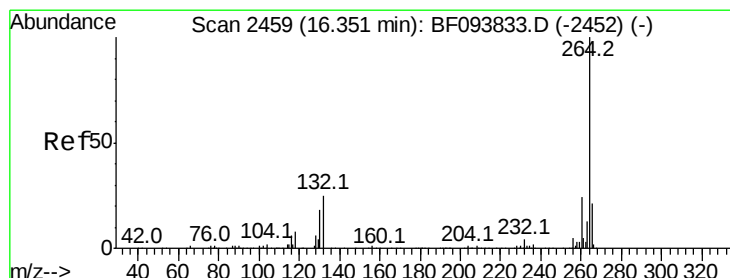
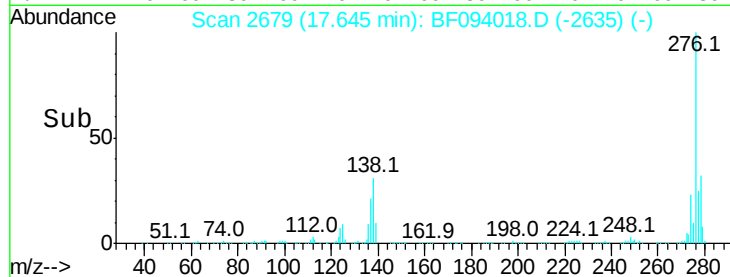
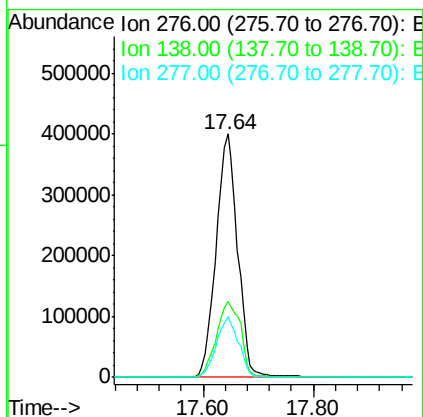
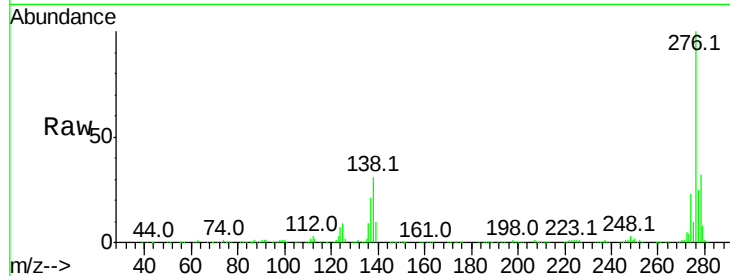




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.13 ng
RT: 17.64 min Scan# 2679
Delta R.T. -0.04 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

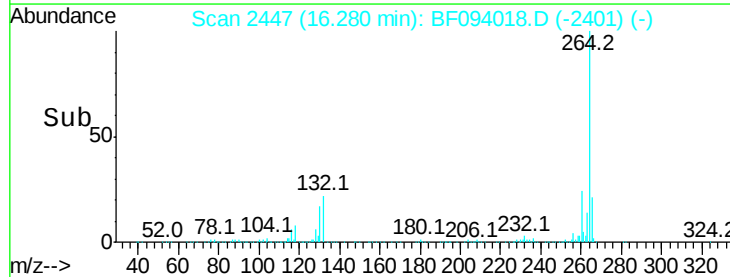
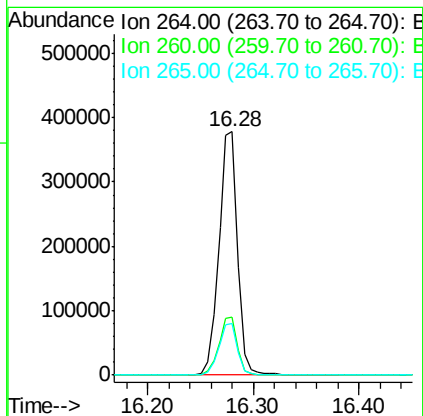
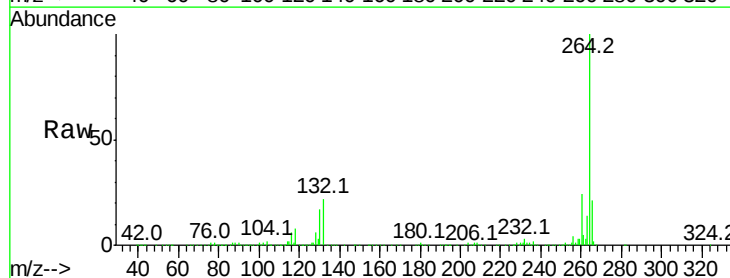
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

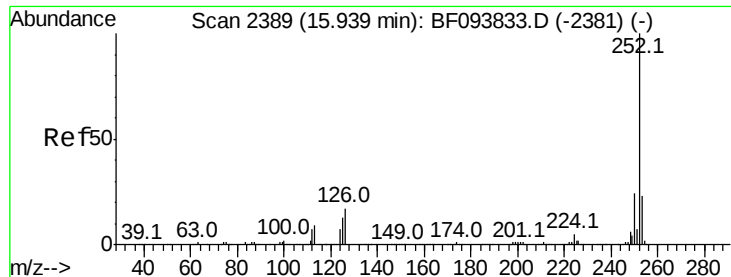
Tot Ion:276 Resp: 1091901
Ion Ratio Lower Upper
276 100
138 35.0 27.8 41.6
277 25.6 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.28 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

Tgt Ion:264 Resp: 468377
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 21.3 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 41.08 ng

RT: 15.87 min Scan# 2378

Delta R.T. -0.02 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

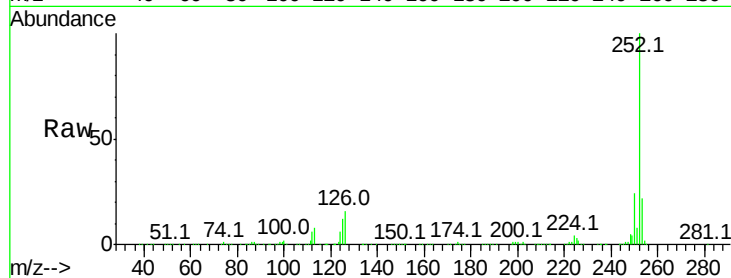
Tot Ion:252 Resp: 1179381

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

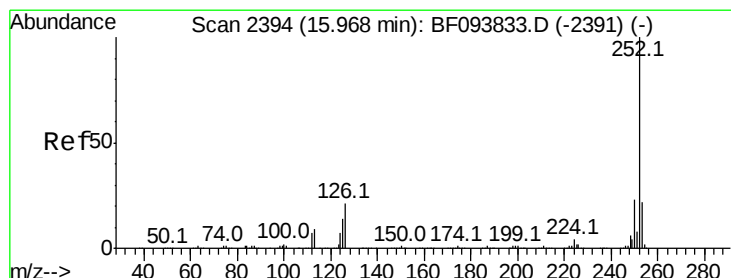
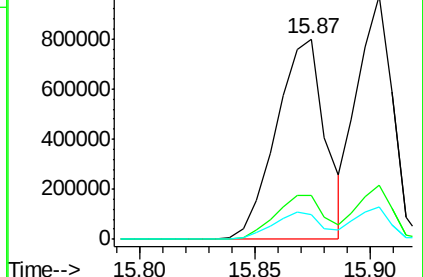
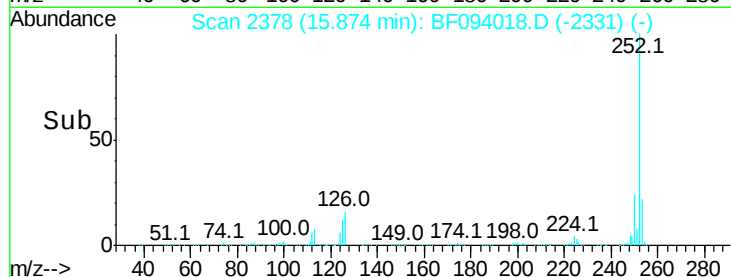
125 12.2 9.8 14.8



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: 37.20 ng

RT: 15.90 min Scan# 2383

Delta R.T. -0.03 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

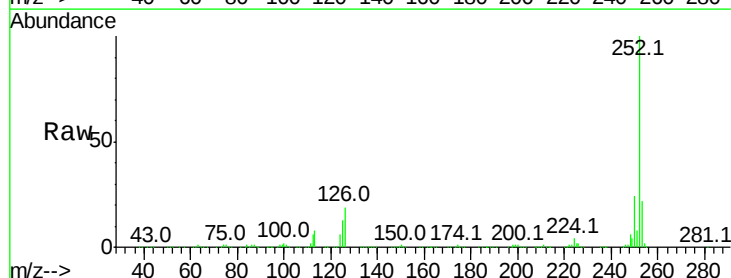
Tgt Ion:252 Resp: 1045076

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

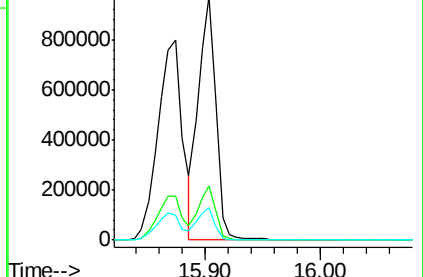
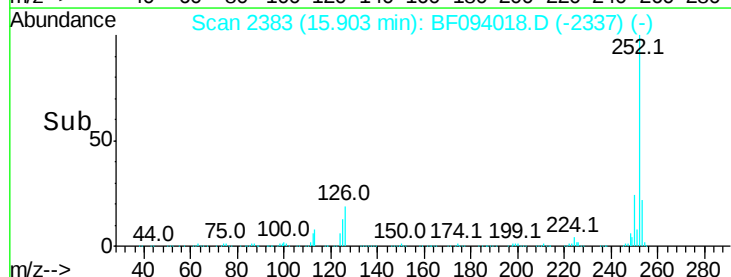
125 13.1 13.1 19.7#

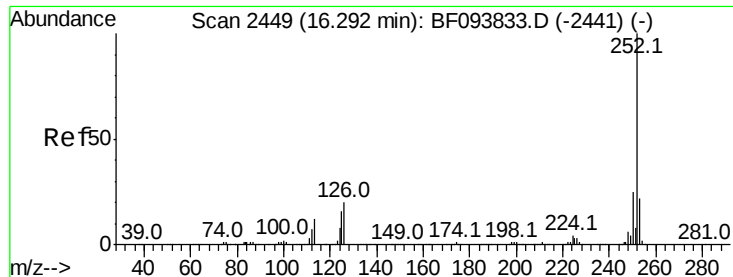


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

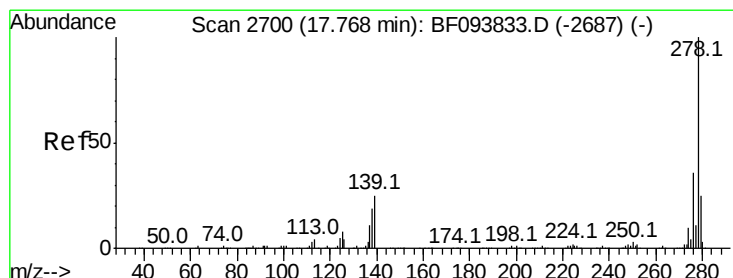
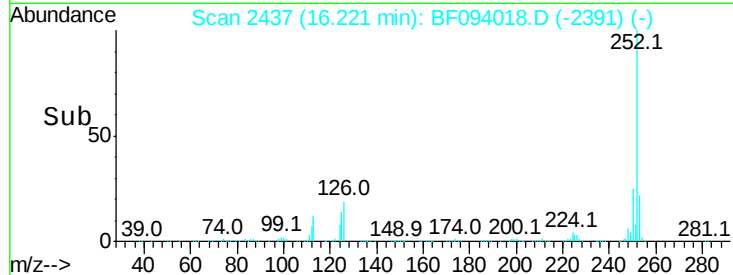
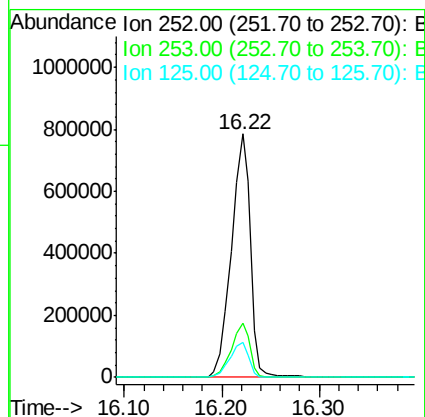
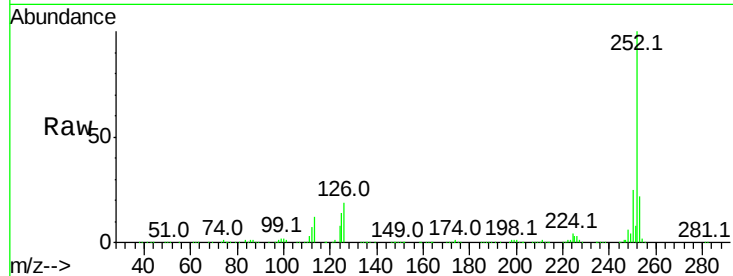




#89
Benzo(a)pyrene
Concen: 40.01 ng
RT: 16.22 min Scan# 2437
Delta R.T. -0.03 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

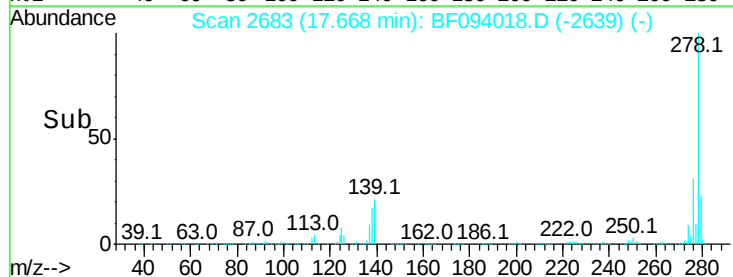
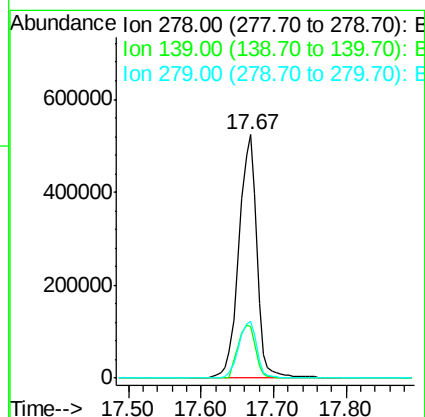
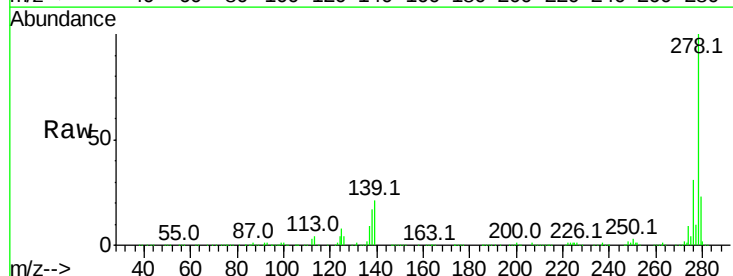
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

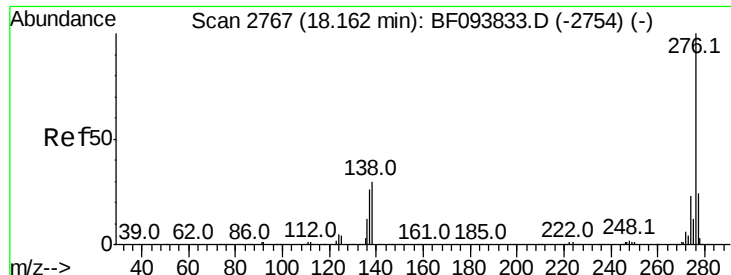
Tot Ion:252 Resp: 1057841
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 14.4 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 40.79 ng
RT: 17.67 min Scan# 2683
Delta R.T. -0.04 min
Lab File: BF094018.D
Acq: 29 Mar 2017 14:55

Tgt Ion:278 Resp: 913393
Ion Ratio Lower Upper
278 100
139 21.4 16.6 24.8
279 23.4 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 40.39 ng

RT: 18.05 min Scan# 2748

Delta R.T. -0.05 min

Lab File: BF094018.D

Acq: 29 Mar 2017 14:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

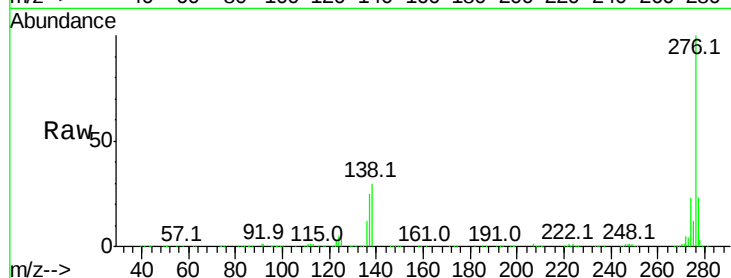
Tot Ion:276 Resp: 911387

Ion Ratio Lower Upper

276 100

277 23.4 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

