

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094213.D
 Acq On : 6 Apr 2017 3:11
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 06 04:56:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	211902	20.00	ng	-0.04
21) Naphthalene-d8	7.37	136	808731	20.00	ng	-0.04
38) Acenaphthene-d10	9.52	164	323419	20.00	ng	-0.04
63) Phenanthrene-d10	11.33	188	478621	20.00	ng	-0.04
75) Chrysene-d12	14.59	240	384593	20.00	ng	-0.04
86) Perylene-d12	16.22	264	296636	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	988791	78.81	ng	-0.04
7) Phenol-d6	5.48	99	1196521	77.09	ng	-0.03
23) Nitrobenzene-d5	6.53	82	1169021	82.49	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	189814	74.27	ng	-0.04
44) 2-Fluorobiphenyl	8.70	172	1813607	85.53	ng	-0.04
78) Terphenyl-d14	13.32	244	1353785	78.90	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.19	88	236853	39.30	ng	98
3) Pyridine	2.69	79	670511	40.82	ng	98
4) n-Nitrosodimethylamine	2.66	42	272367	40.30	ng	92
6) Aniline	5.49	93	757667	35.09	ng	# 36
8) 2-Chlorophenol	5.63	128	546904	39.66	ng	97
9) Benzaldehyde	5.36	77	379567	36.22	ng	99
10) Phenol	5.49	94	658994	37.31	ng	# 70
11) bis(2-Chloroethyl)ether	5.57	93	548088	39.71	ng	99
12) 1,3-Dichlorobenzene	5.80	146	615410	39.78	ng	100
13) 1,4-Dichlorobenzene	5.89	146	621418	39.66	ng	98
14) 1,2-Dichlorobenzene	6.07	146	565259	39.18	ng	96
15) Benzyl Alcohol	6.04	79	422105	37.16	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.20	45	786362	36.97	ng	96
17) 2-Methylphenol	6.18	107	459312	38.89	ng	97
18) Hexachloroethane	6.46	117	183007	33.23	ng	# 86
19) n-Nitroso-di-n-propylamine	6.36	70	377077	37.80	ng	98
20) 3+4-Methylphenols	6.36	107	575947	40.27	ng	# 63
22) Acetophenone	6.35	105	776678	43.09	ng	# 87
24) Nitrobenzene	6.55	77	573711	41.05	ng	95
25) Isophorone	6.83	82	1010148	40.57	ng	95
26) 2-Nitrophenol	6.92	139	263180	39.49	ng	96
27) 2,4-Dimethylphenol	6.99	122	468409	40.79	ng	98
28) bis(2-Chloroethoxy)methane	7.09	93	669813	40.79	ng	99
29) 2,4-Dichlorophenol	7.22	162	432386	40.27	ng	98
30) 1,2,4-Trichlorobenzene	7.31	180	446631	40.38	ng	98
31) Naphthalene	7.40	128	1521674	39.13	ng	100
32) Benzoic acid	7.13	122	175958	23.02	ng	99
33) 4-Chloroaniline	7.47	127	626699	39.76	ng	95
34) Hexachlorobutadiene	7.56	225	229250	40.42	ng	99
35) Caprolactam	7.92	113	132126	38.58	ng	98
36) 4-Chloro-3-methylphenol	8.08	107	443867	39.56	ng	89
37) 2-Methylnaphthalene	8.24	142	992868	38.30	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.45	216	399769	45.18	ng	99
40) Hexachlorocyclopentadiene	8.43	237	23751	5.74	ng	97

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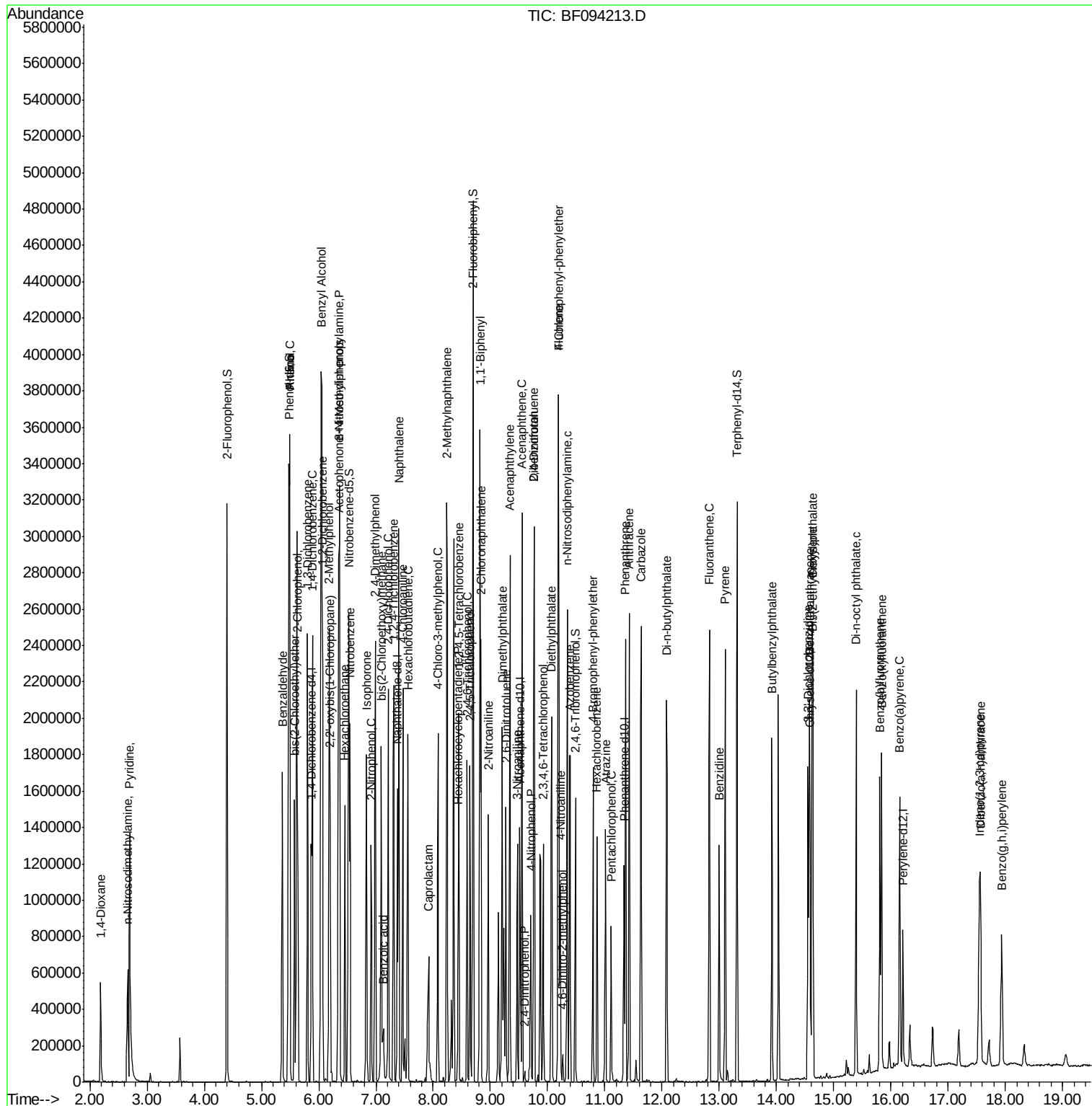
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.59	196	263796	42.14	nq	98
43) 2,4,5-Trichlorophenol	8.65	196	283087	41.80	nq	94
45) 1,1'-Biphenyl	8.82	154	1103685	42.31	nq	98
46) 2-Chloronaphthalene	8.83	162	842186	41.24	nq	94
47) 2-Nitroaniline	8.96	65	274366	45.29	nq	87
48) Acenaphthylene	9.34	152	1338032	39.43	nq	99
49) Dimethylphthalate	9.20	163	1011997	44.02	nq	99
50) 2,6-Dinitrotoluene	9.27	165	214918	40.78	nq	# 86
51) Acenaphthene	9.56	154	773452	39.06	nq	99
52) 3-Nitroaniline	9.47	138	270741	43.75	nq	84
53) 2,4-Dinitrophenol	9.60	184	8766	7.59	nq	# 61
54) Dibenzofuran	9.77	168	1021242	37.88	nq	99
55) 4-Nitrophenol	9.70	139	166603	34.38	nq	# 69
56) 2,4-Dinitrotoluene	9.76	165	237736	35.91	nq	# 67
57) Fluorene	10.19	166	818699	36.62	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	167869	36.12	nq	97
59) Diethylphthalate	10.07	149	938332	41.29	nq	99
60) 4-Chlorophenyl-phenylether	10.19	204	363586	38.18	nq	95
61) 4-Nitroaniline	10.22	138	251664	42.38	nq	94
62) Azobenzene	10.39	77	802106	37.32	nq	98
64) 4,6-Dinitro-2-methylphenol	10.26	198	20343	6.94	nq	# 77
65) n-Nitrosodiphenylamine	10.34	169	749398	45.28	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	207647	44.11	nq	97
67) Hexachlorobenzene	10.87	284	201737	42.34	nq	# 92
68) Atrazine	11.02	200	194784	39.29	nq	97
69) Pentachlorophenol	11.11	266	97790	32.97	nq	99
70) Phenanthrene	11.36	178	1066631	40.06	nq	99
71) Anthracene	11.43	178	1101672	40.19	nq	99
72) Carbazole	11.63	167	1113496	39.61	nq	98
73) Di-n-butylphthalate	12.08	149	1279845	43.78	nq	99
74) Fluoranthene	12.83	202	1045535	38.35	nq	99
76) Benzidine	13.00	184	589670	38.74	nq	# 94
77) Pyrene	13.10	202	1090583	39.07	nq	99
79) Butylbenzylphthalate	13.92	149	507618	42.68	nq	# 86
80) Benzo(a)anthracene	14.57	228	915419	40.82	nq	100
81) 3,3'-Dichlorobenzidine	14.55	252	360184	44.93	nq	# 96
82) Chrysene	14.62	228	860086	41.33	nq	99
83) Bis(2-ethylhexyl)phthalate	14.64	149	701160	43.21	nq	# 99
84) Di-n-octyl phthalate	15.39	149	1232195	45.46	nq	98
85) Indeno(1,2,3-cd)pyrene	17.54	276	632031	35.07	nq	98
87) Benzo(b)fluoranthene	15.81	252	815124	44.83	nq	97
88) Benzo(k)fluoranthene	15.84	252	693840	39.00	nq	97
89) Benzo(a)pyrene	16.16	252	671250	40.09	nq	98
90) Dibenzo(a,h)anthracene	17.57	278	547758	38.63	nq	98
91) Benzo(g,h,i)perylene	17.94	276	526522	36.84	nq	98

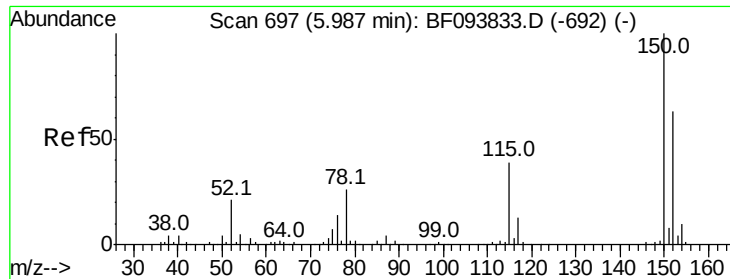
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.87 min Scan# 677

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

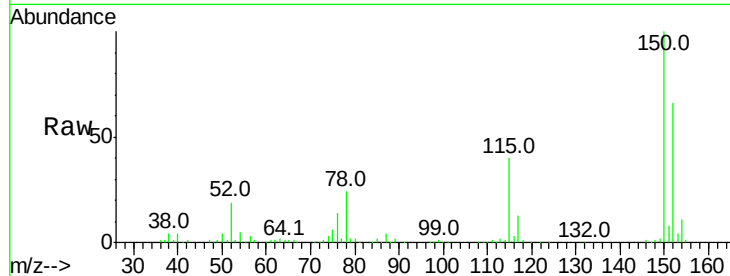
Tot Ion:152 Resp: 211902

Ion Ratio Lower Upper

152 100

150 152.6 126.2 189.2

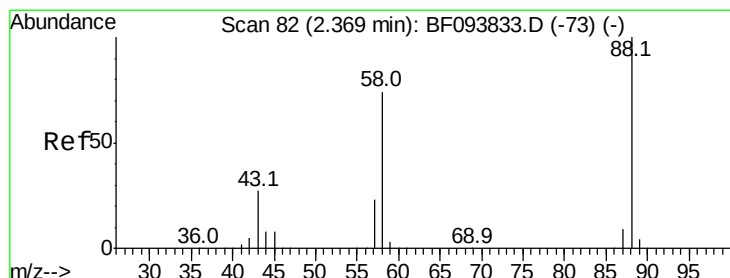
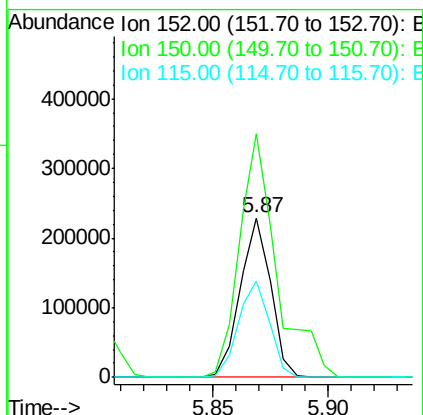
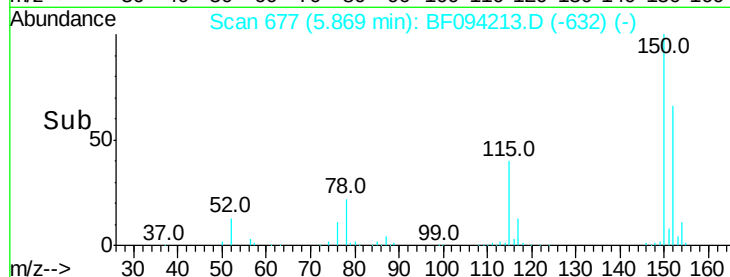
115 60.6 52.2 78.2



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: 39.30 ng

RT: 2.19 min Scan# 51

Delta R.T. -0.06 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

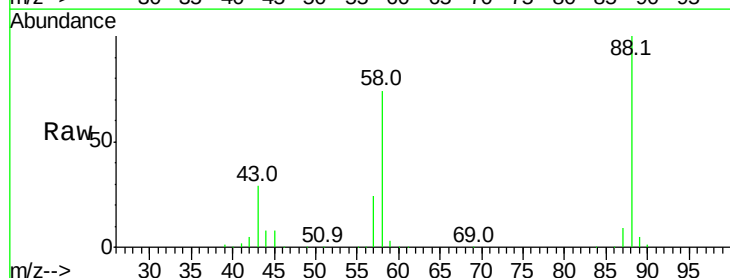
Tgt Ion: 88 Resp: 236853

Ion Ratio Lower Upper

88 100

58 74.4 61.4 92.0

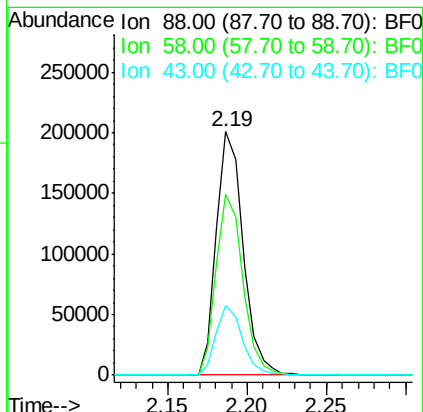
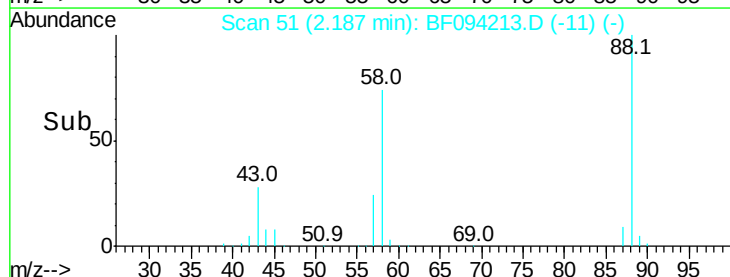
43 28.4 23.4 35.0

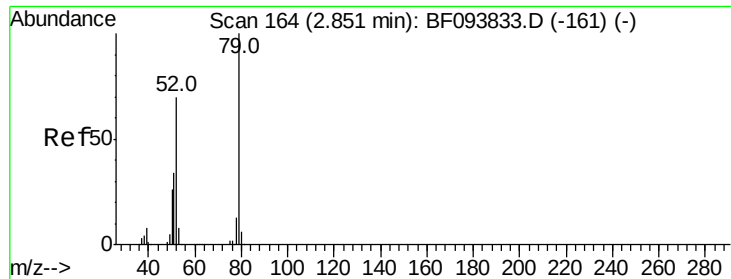


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.82 ng

RT: 2.69 min Scan# 137

Delta R.T. -0.05 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

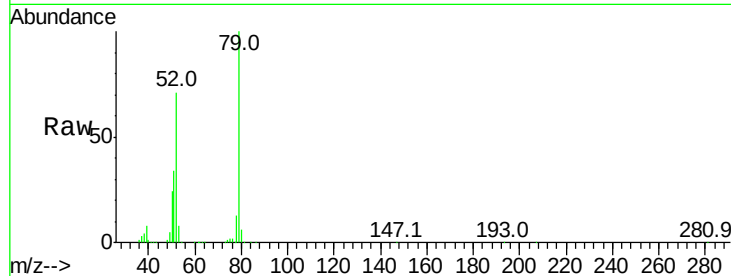
Tot Ion: 79 Resp: 670511

Ion Ratio Lower Upper

79 100

52 70.9 54.8 82.2

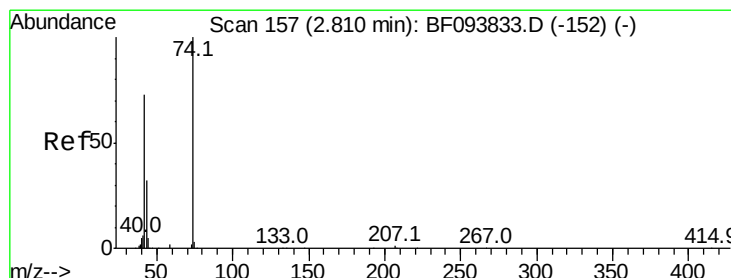
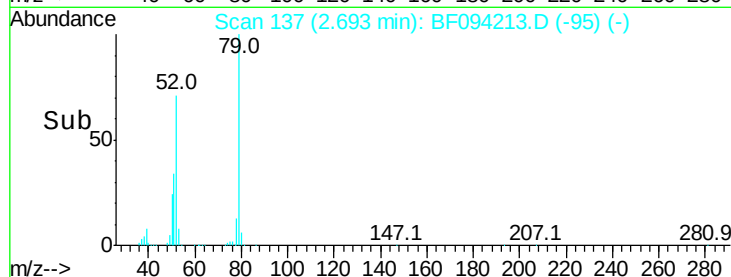
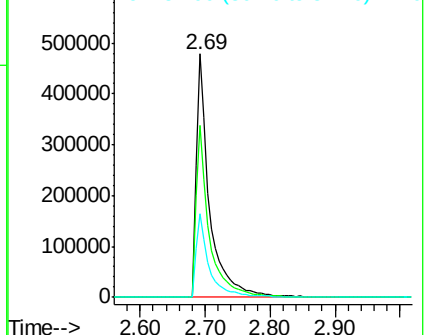
51 34.1 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.30 ng

RT: 2.66 min Scan# 132

Delta R.T. -0.05 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

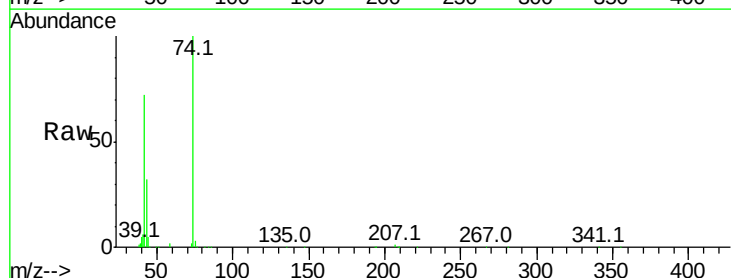
Tgt Ion: 42 Resp: 272367

Ion Ratio Lower Upper

42 100

74 139.6 103.9 155.9

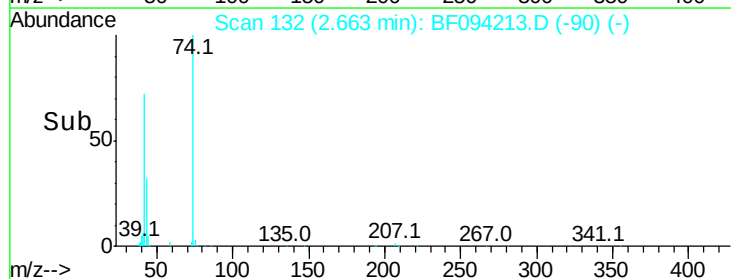
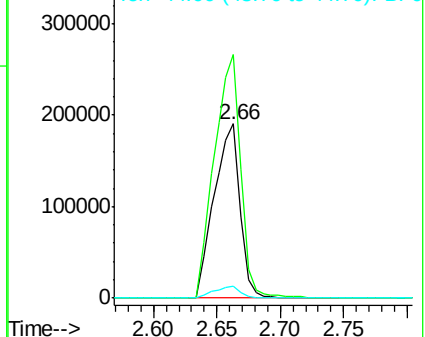
44 6.7 5.7 8.5

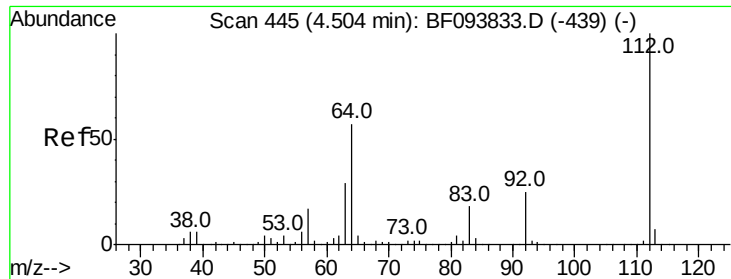


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 78.81 ng

RT: 4.40 min Scan# 427

Delta R.T. -0.04 min

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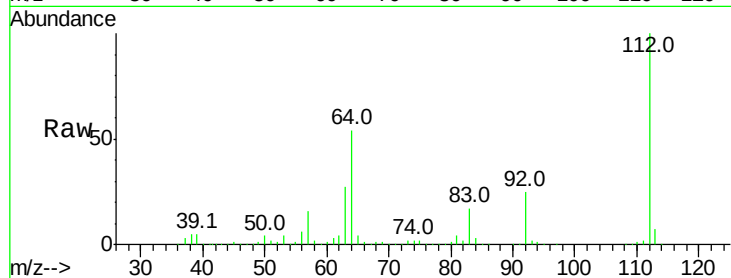
Tot Ion:112 Resp: 988791

Ion Ratio Lower Upper

112 100

64 54.3 46.0 69.0

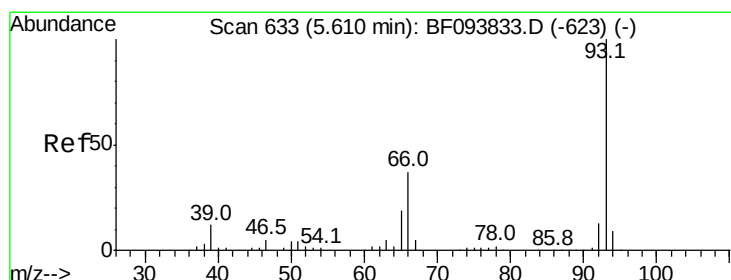
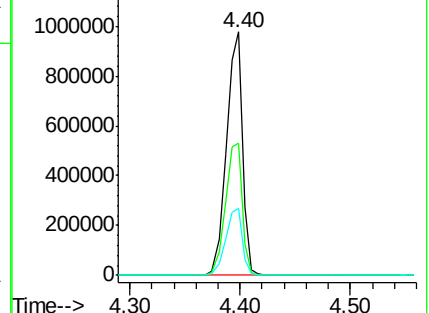
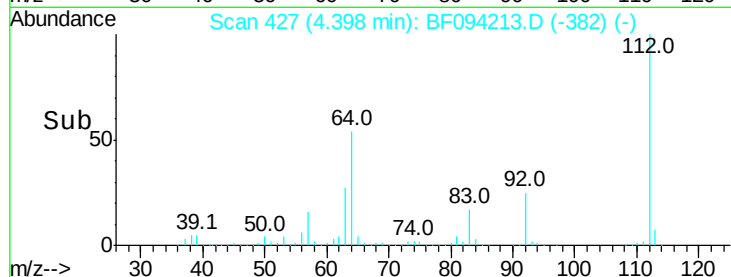
63 27.4 23.4 35.0



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: 35.09 ng

RT: 5.49 min Scan# 613

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

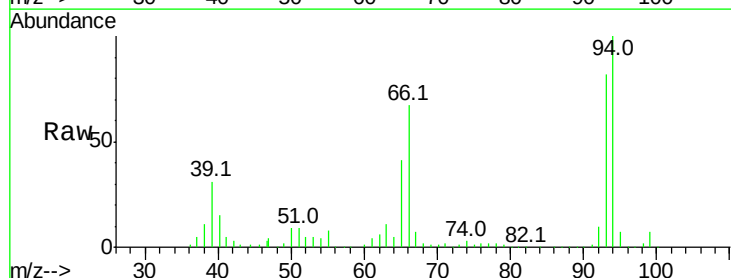
Tgt Ion: 93 Resp: 757667

Ion Ratio Lower Upper

93 100

66 80.8 32.9 49.3#

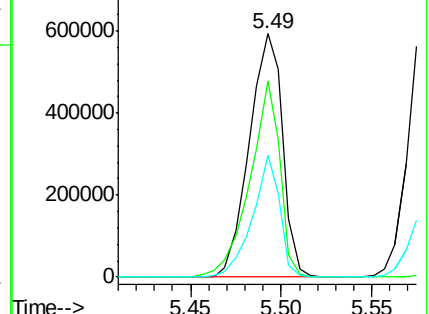
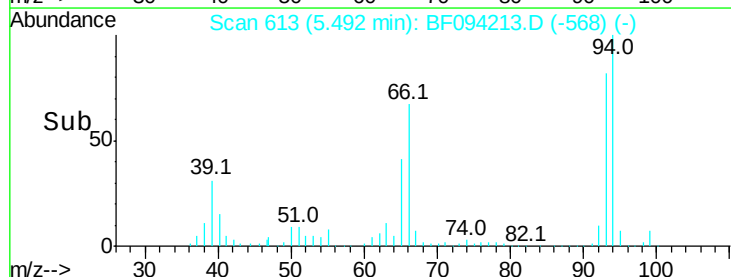
65 50.1 16.0 24.0#

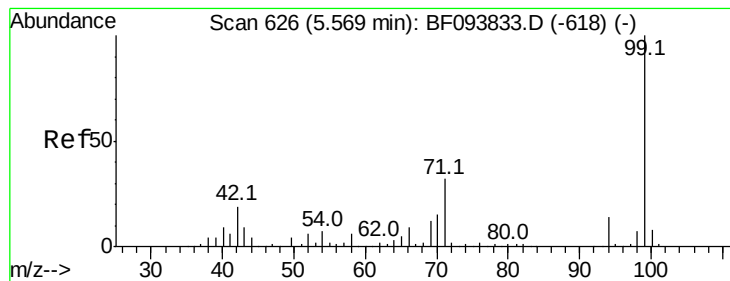


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.09 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.03 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

Instrument :

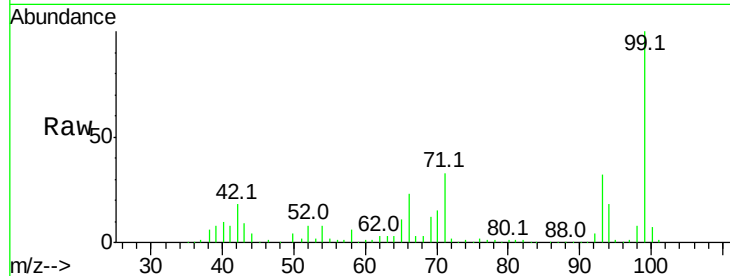
BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1196521

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.5	20.3
71	32.9	24.5	36.7

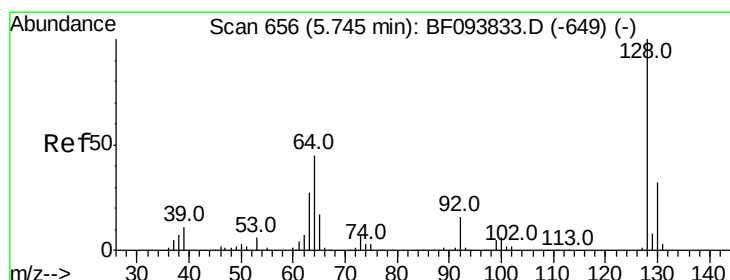
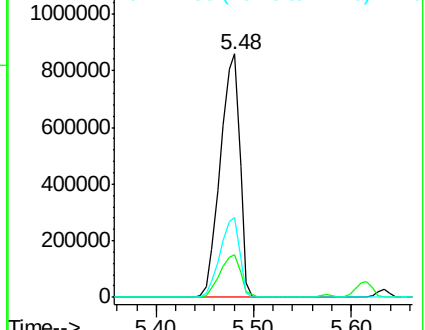
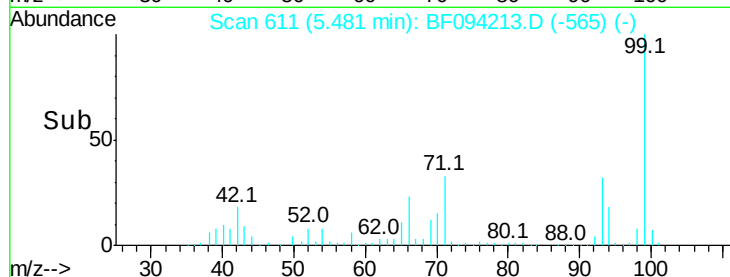


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.66 ng

RT: 5.63 min Scan# 637

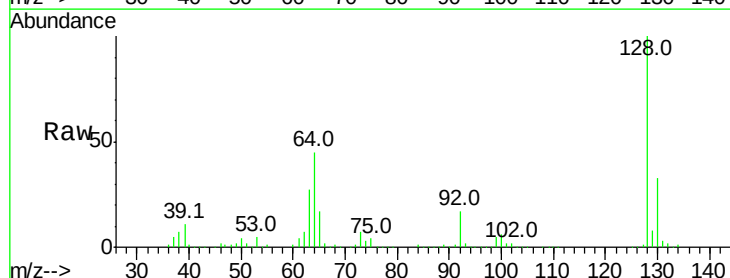
Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

Tgt Ion: 128 Resp: 546904

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	45.2	28.4	68.4

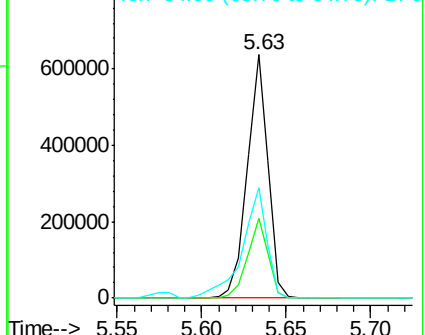
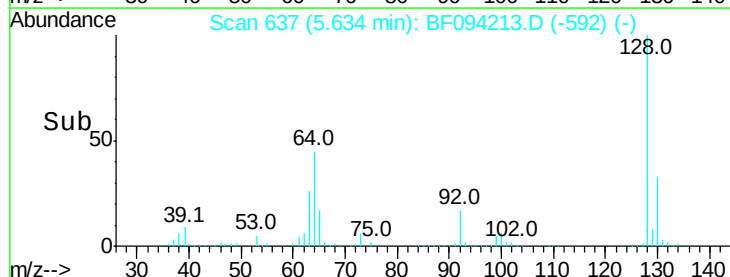


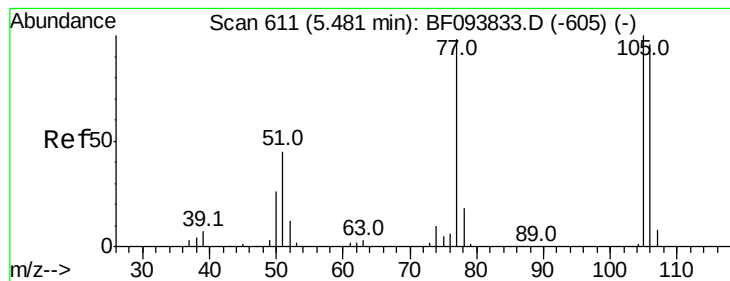
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.22 ng

RT: 5.36 min Scan# 591

Delta R.T. -0.04 min

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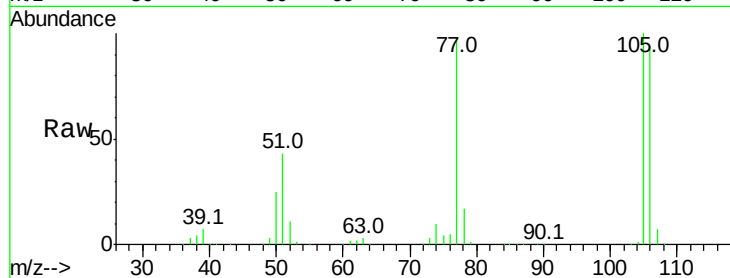
Tot Ion: 77 Resp: 379567

Ion Ratio Lower Upper

77 100

105 103.4 83.8 123.8

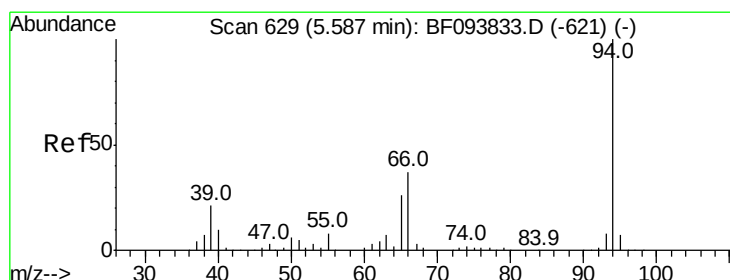
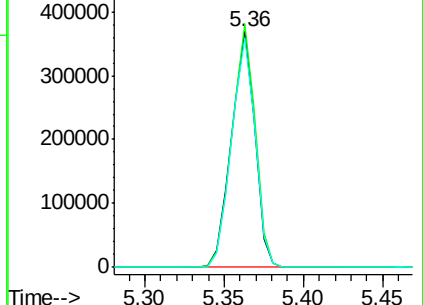
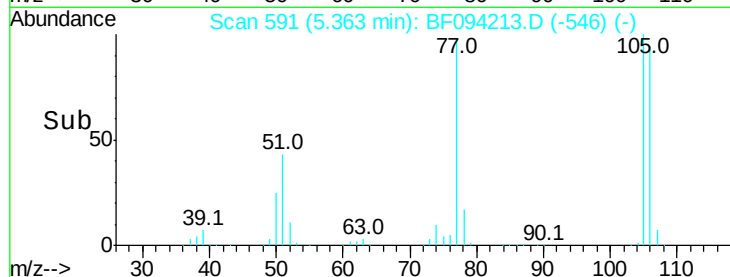
106 97.3 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.31 ng

RT: 5.49 min Scan# 613

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

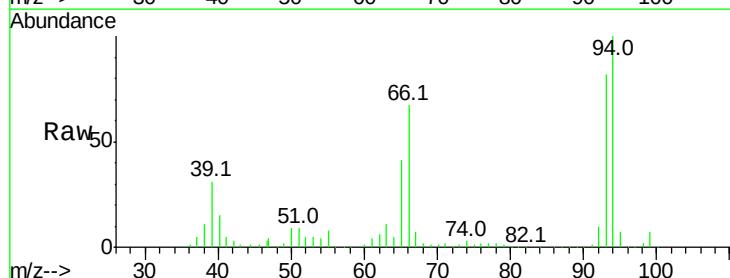
Tgt Ion: 94 Resp: 658994

Ion Ratio Lower Upper

94 100

65 41.3 9.9 49.9

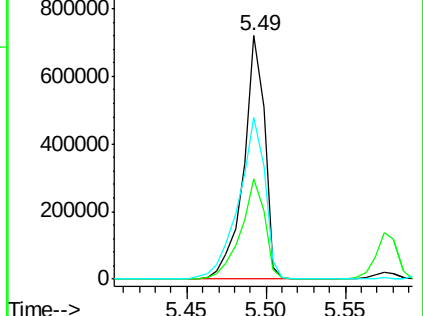
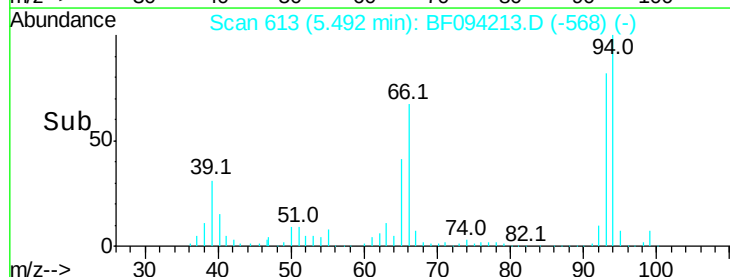
66 66.6 23.1 63.1#

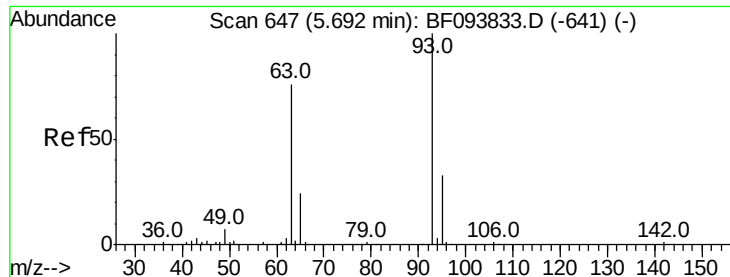


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

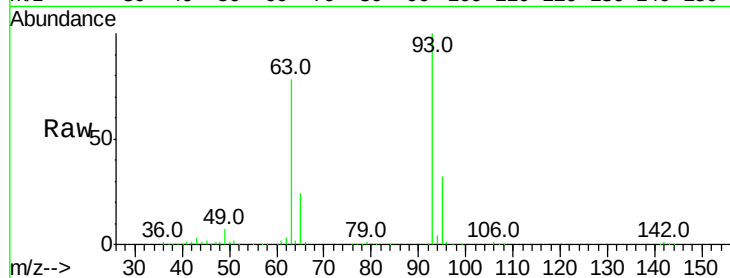




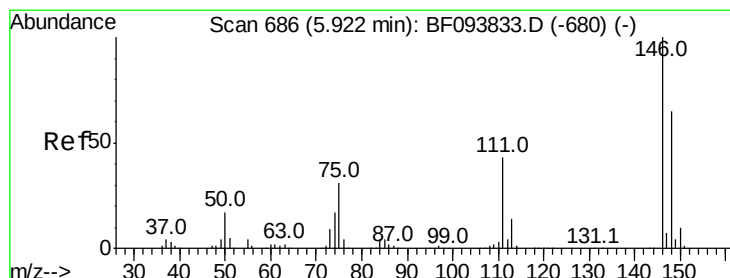
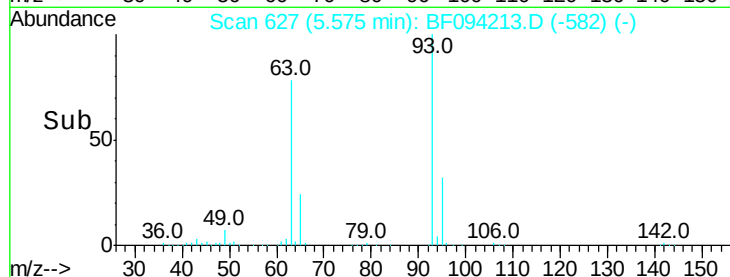
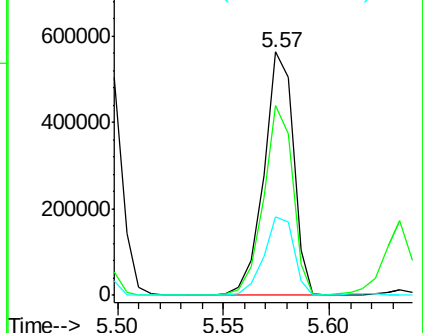
#11
bis(2-Chloroethyl)ether
Concen: 39.71 ng
RT: 5.57 min Scan# 627
Delta R.T. -0.04 min
Lab File: BF094213.D
Acq: 6 Apr 2017 3:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 93 Resp: 548088
Ion Ratio Lower Upper
93 100
63 77.7 59.2 99.2
95 32.5 12.8 52.8

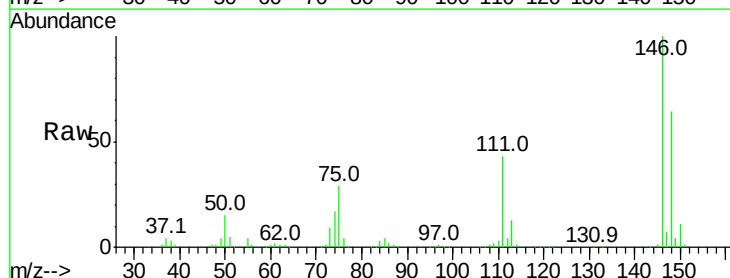


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

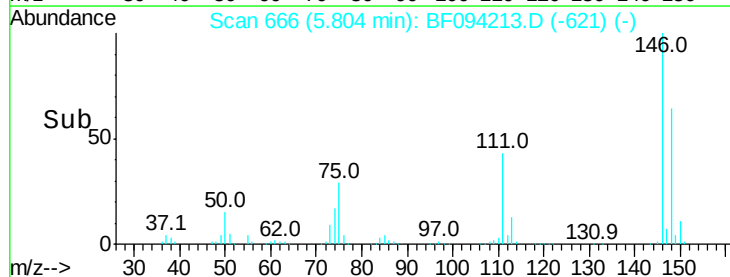
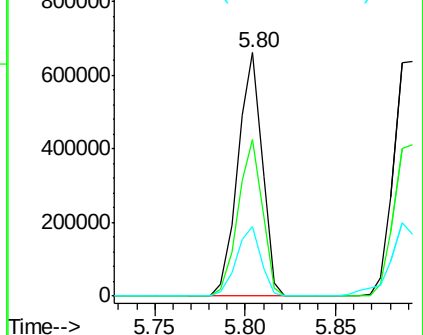


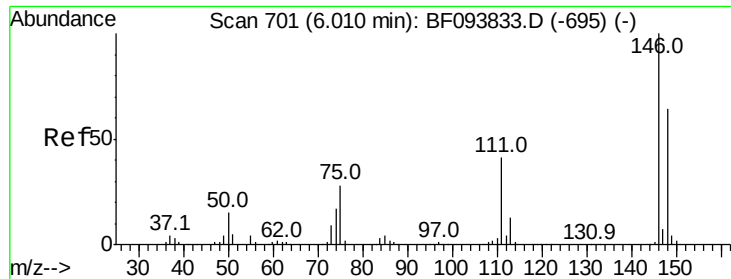
#12
1,3-Dichlorobenzene
Concen: 39.78 ng
RT: 5.80 min Scan# 666
Delta R.T. -0.04 min
Lab File: BF094213.D
Acq: 6 Apr 2017 3:11

Tgt Ion: 146 Resp: 615410
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.6
75 28.8 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

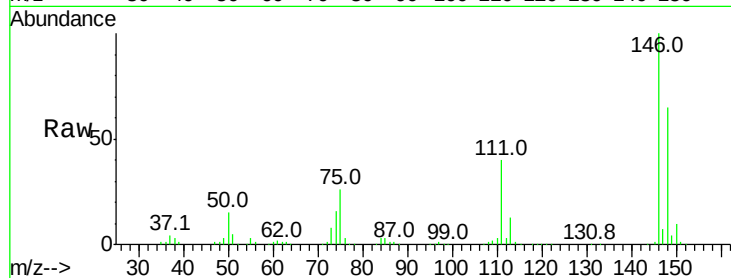




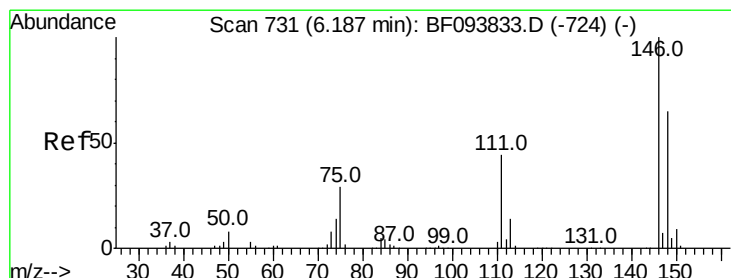
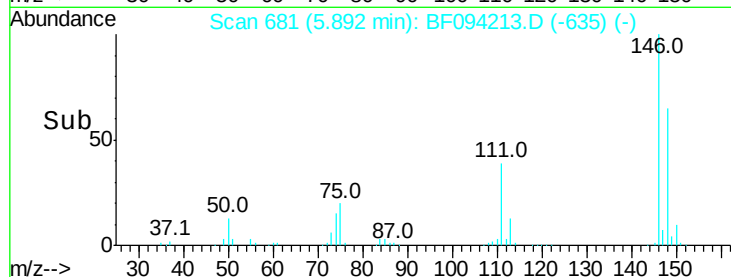
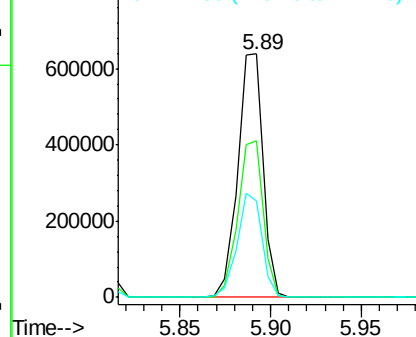
#13
 1,4-Dichlorobenzene
 Concen: 39.66 ng
 RT: 5.89 min Scan# 681
 Delta R.T. -0.03 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 621418
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.2 78.2
 111 39.5 30.3 45.5

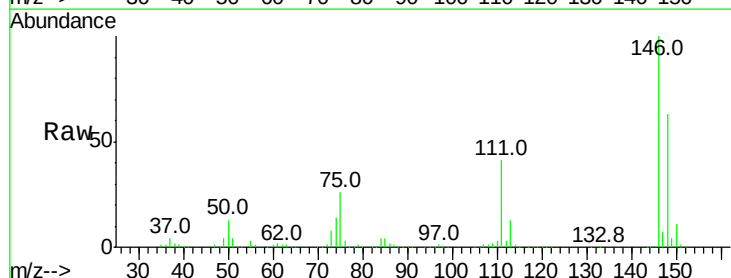


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

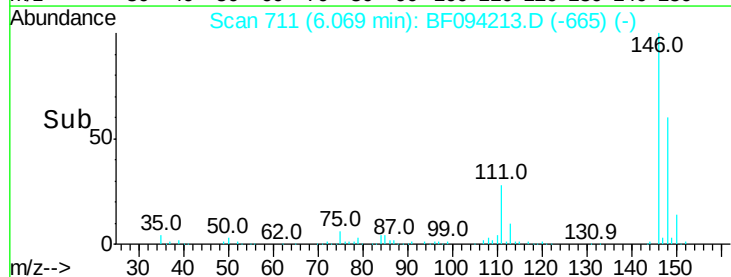
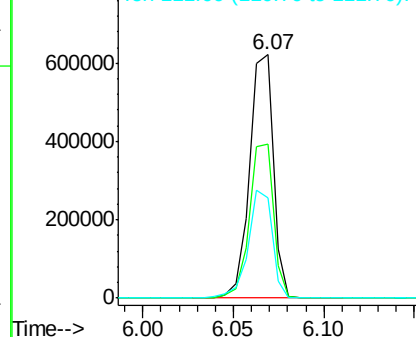


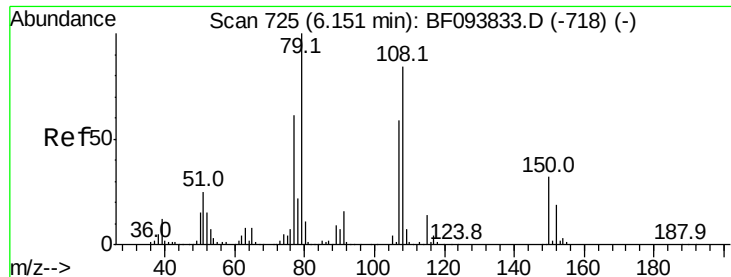
#14
 1,2-Dichlorobenzene
 Concen: 39.18 ng
 RT: 6.07 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

Tgt Ion:146 Resp: 565259
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.4 75.6
 111 41.2 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: 37.16 ng

RT: 6.04 min Scan# 706

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

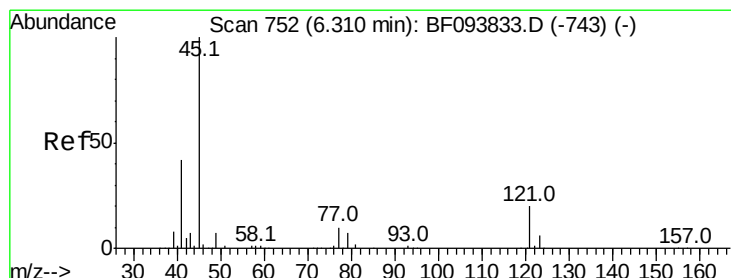
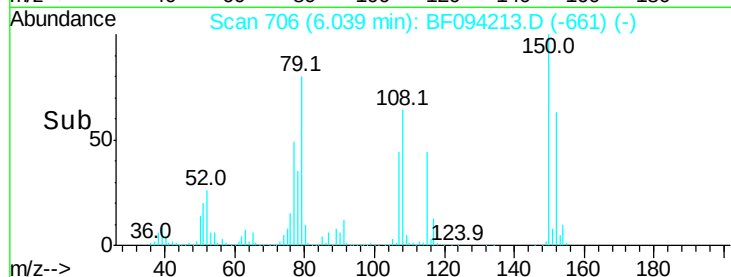
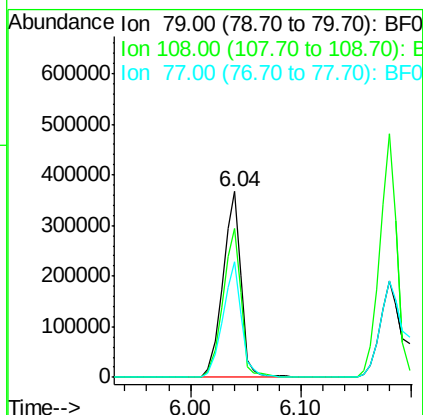
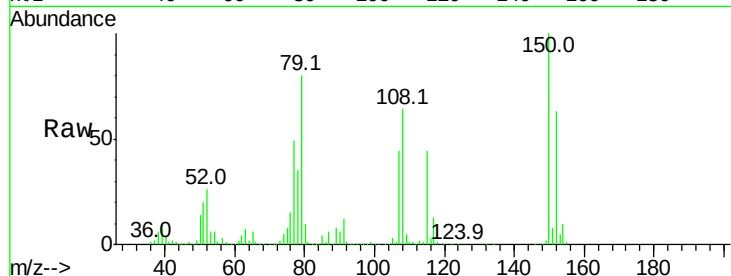
Tot Ion: 79 Resp: 422105

Ion Ratio Lower Upper

79 100

108 80.6 63.4 95.0

77 62.0 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.97 ng

RT: 6.20 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

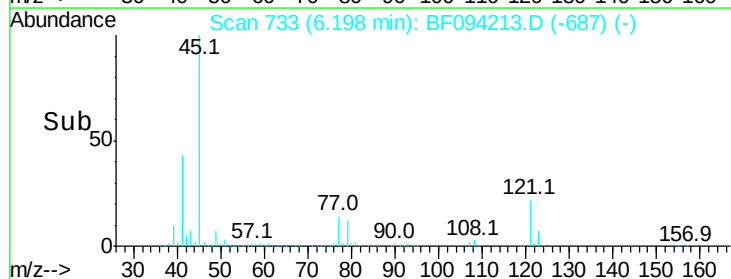
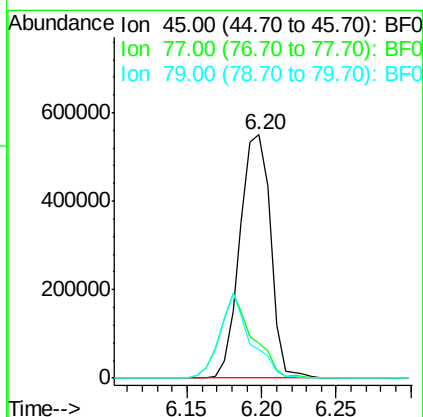
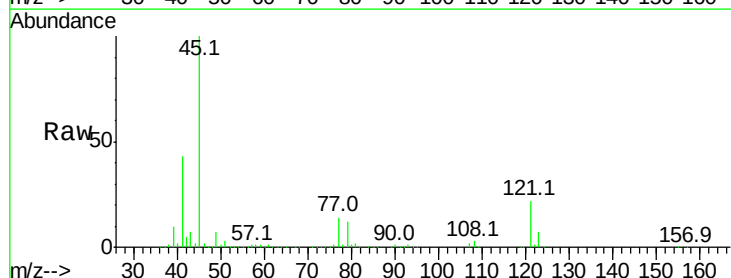
Tgt Ion: 45 Resp: 786362

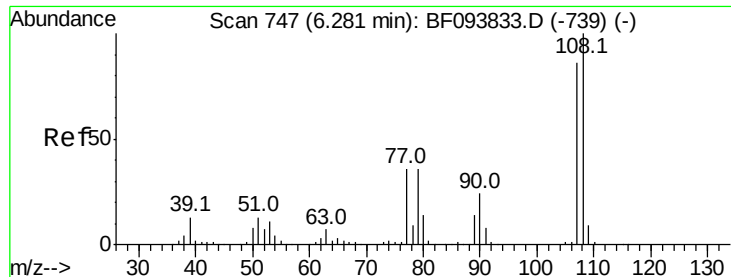
Ion Ratio Lower Upper

45 100

77 14.5 0.0 33.2

79 11.9 0.0 30.0

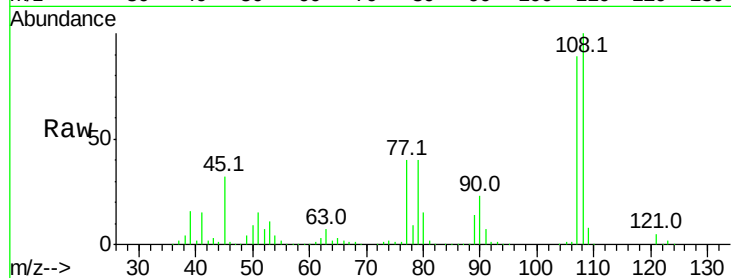




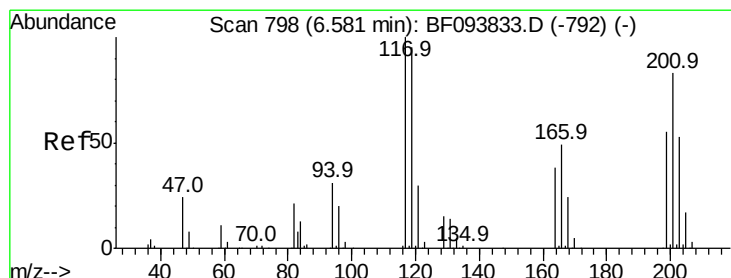
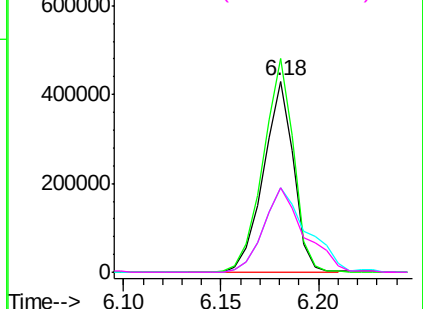
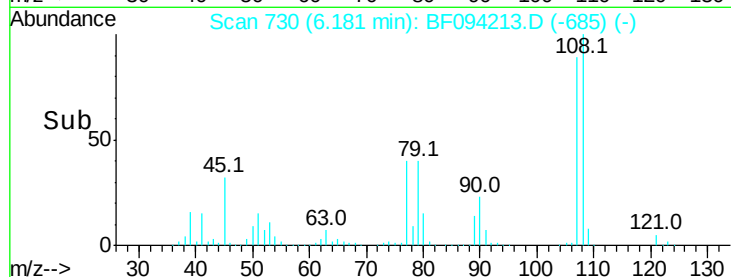
#17
2-Methylphenol
Concen: 38.89 ng
RT: 6.18 min Scan# 730
Delta R.T. -0.04 min
Lab File: BF094213.D
Acq: 6 Apr 2017 3:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 459312
Ion Ratio Lower Upper
107 100
108 111.8 93.4 140.0
77 44.6 35.8 53.6
79 44.5 34.8 52.2

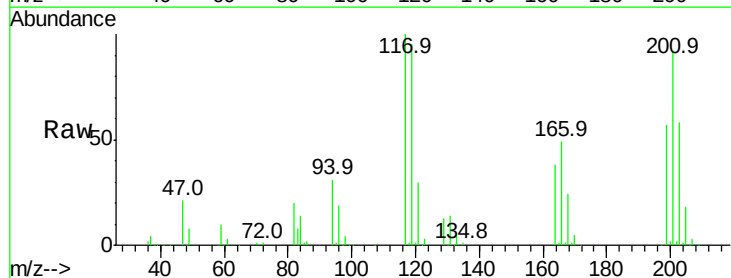


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

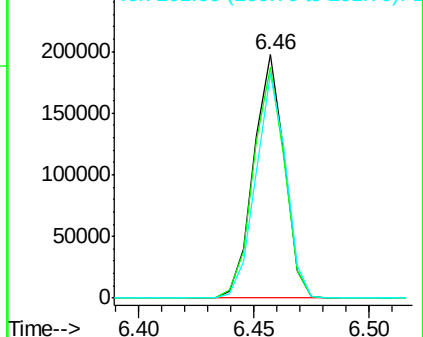
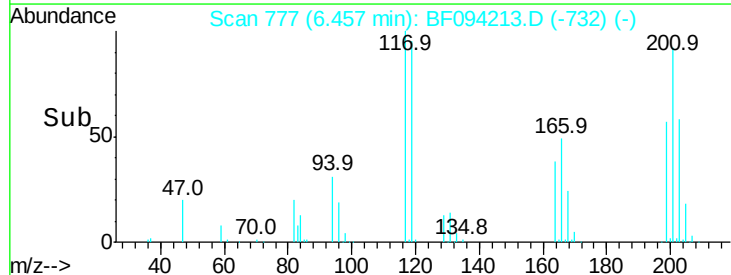


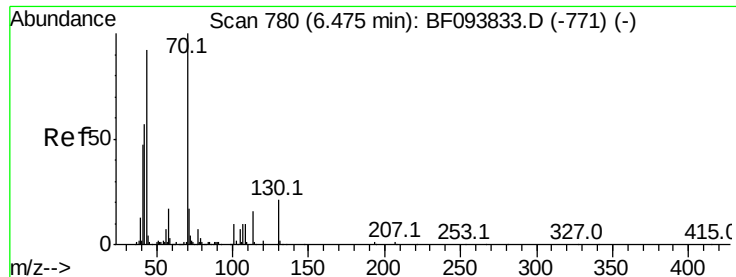
#18
Hexachloroethane
Concen: 33.23 ng
RT: 6.46 min Scan# 777
Delta R.T. -0.04 min
Lab File: BF094213.D
Acq: 6 Apr 2017 3:11

Tgt Ion:117 Resp: 183007
Ion Ratio Lower Upper
117 100
119 94.8 77.4 116.0
201 92.1 94.6 141.8#



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





#19

n-Nitroso-di-n-propylamine

Concen: 37.80 ng

RT: 6.36 min Scan# 760

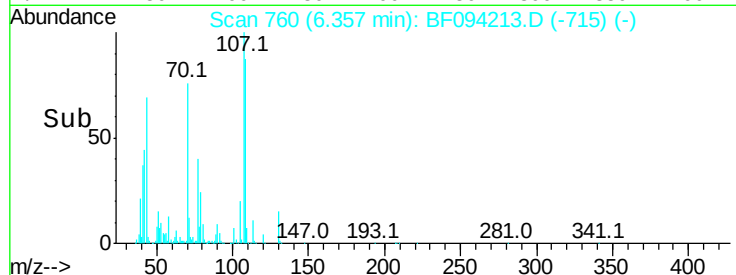
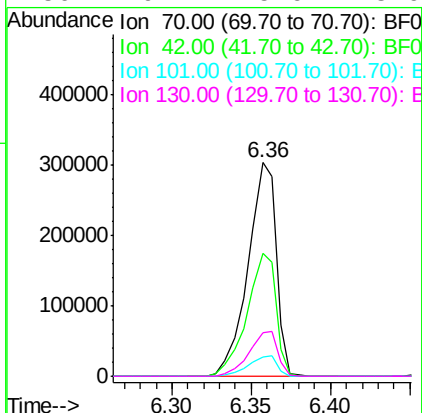
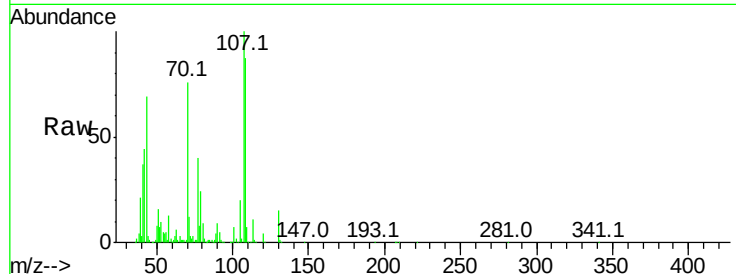
Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	377077
Ion	Ratio	Lower	Upper
70	100		
42	57.5	47.2	70.8
101	9.2	7.2	10.8
130	20.2	15.9	23.9



#20

3+4-Methylphenols

Concen: 40.27 ng

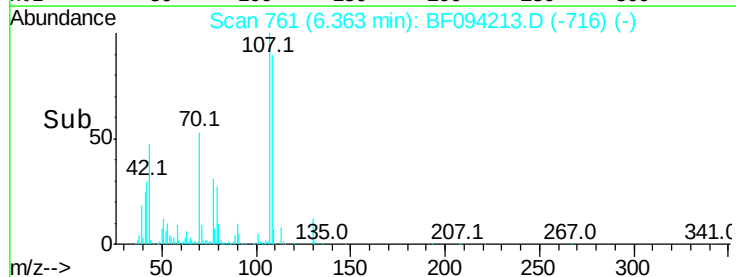
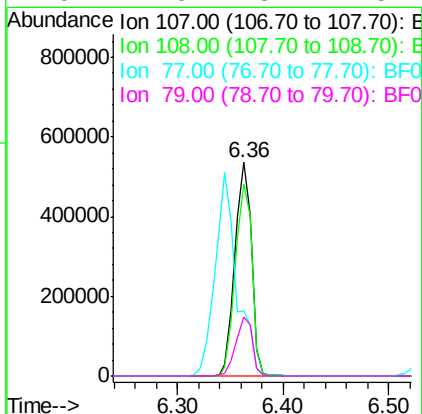
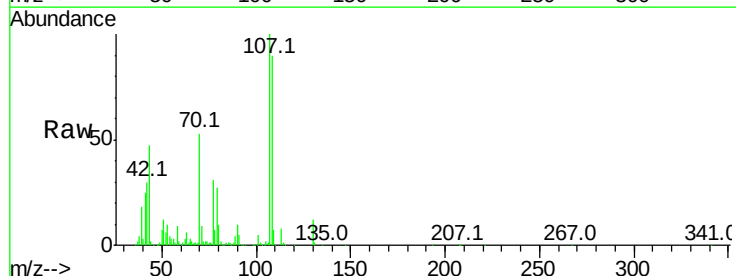
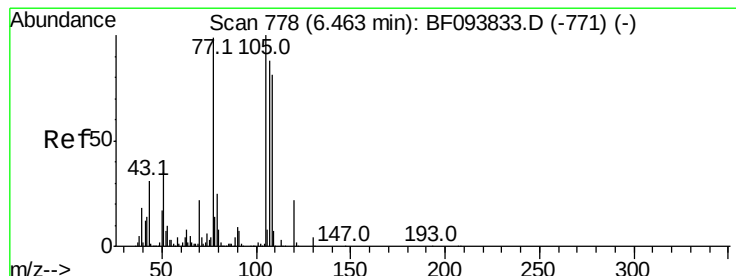
RT: 6.36 min Scan# 761

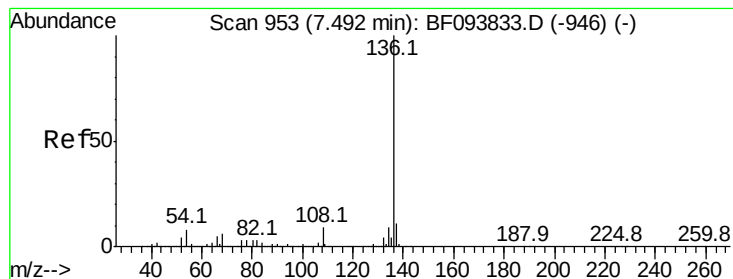
Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

Tgt Ion:	107	Resp:	575947
Ion	Ratio	Lower	Upper
107	100		
108	90.2	71.0	111.0
77	30.7	90.5	130.5#
79	27.3	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.37 min Scan# 933

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 808731

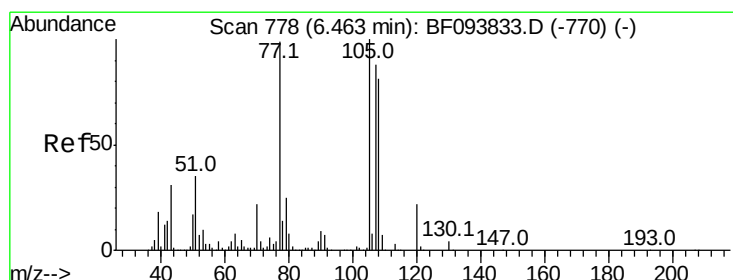
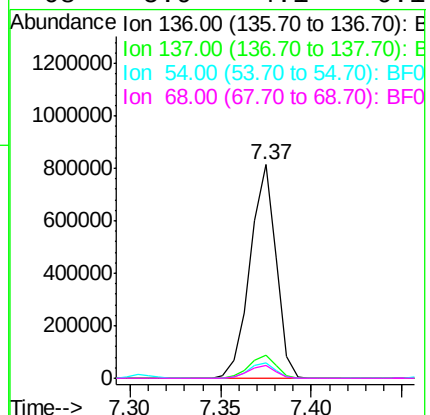
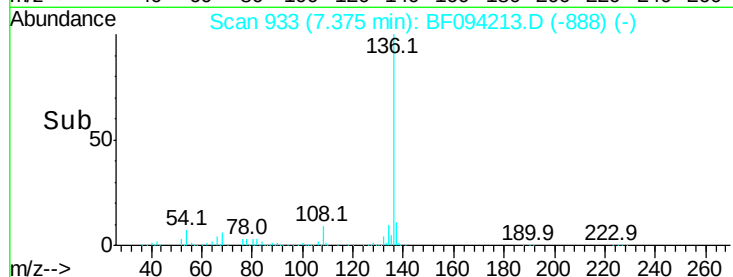
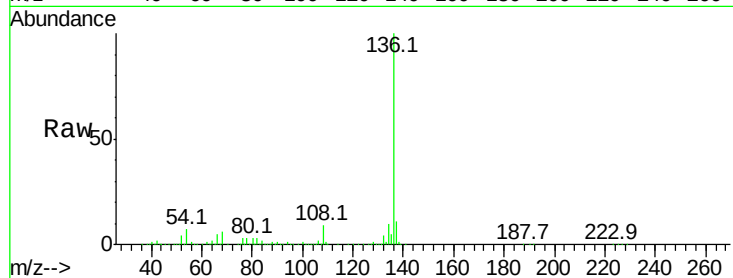
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.4 4.9 7.3#

68 5.9 4.1 6.1



#22

Acetophenone

Concen: 43.09 ng

RT: 6.35 min Scan# 758

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

Tgt Ion:105 Resp: 776678

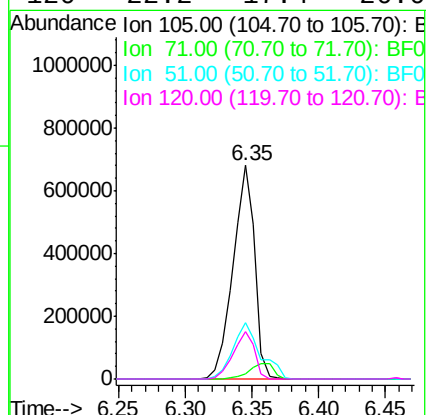
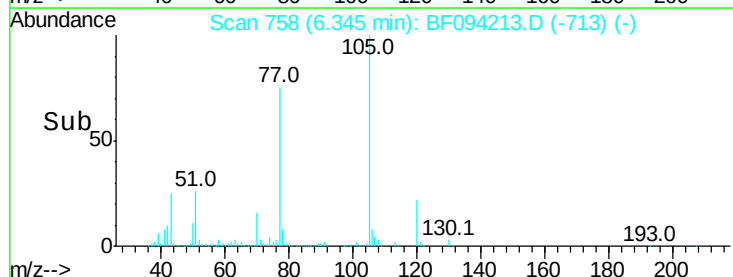
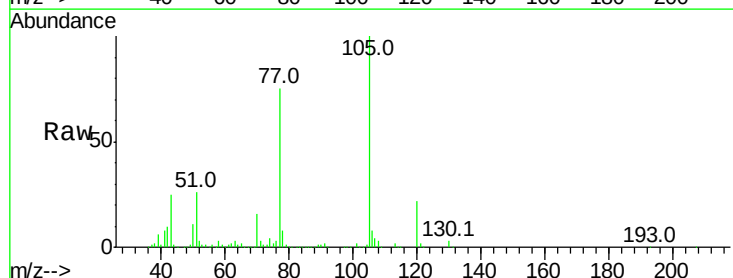
Ion Ratio Lower Upper

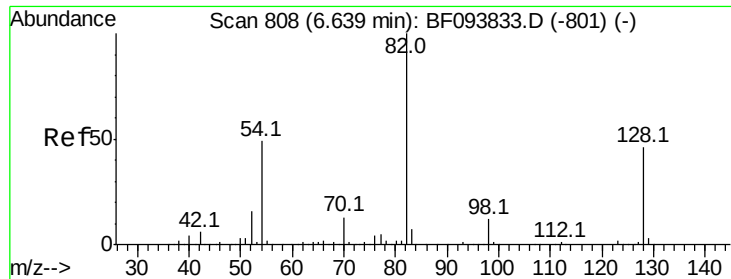
105 100

71 2.6 2.8 4.2#

51 26.3 30.7 46.1#

120 22.2 17.4 26.0

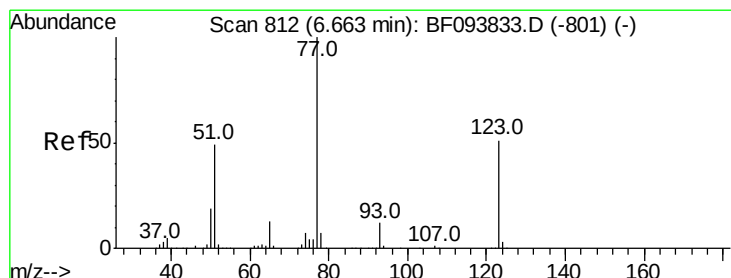
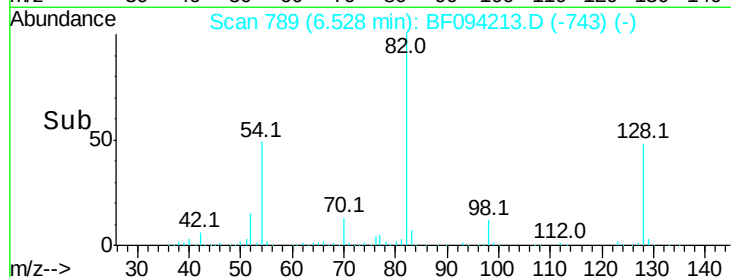
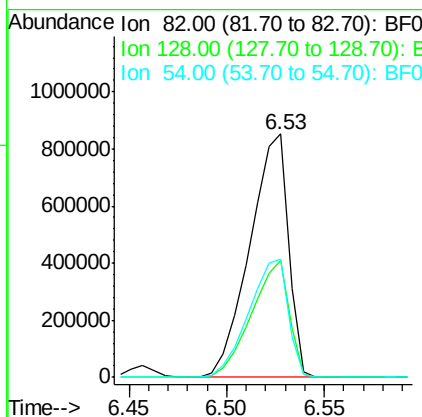
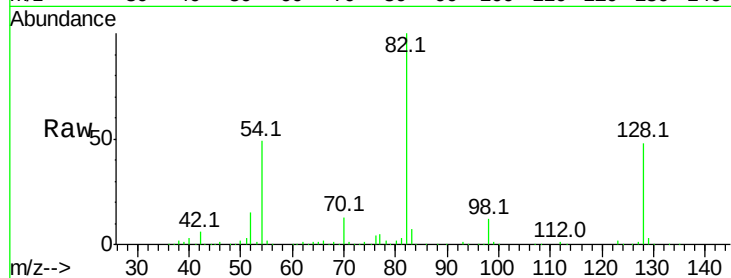




#23
Nitrobenzene-d5
Concen: 82.49 ng
RT: 6.53 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF094213.D
Acq: 6 Apr 2017 3:11

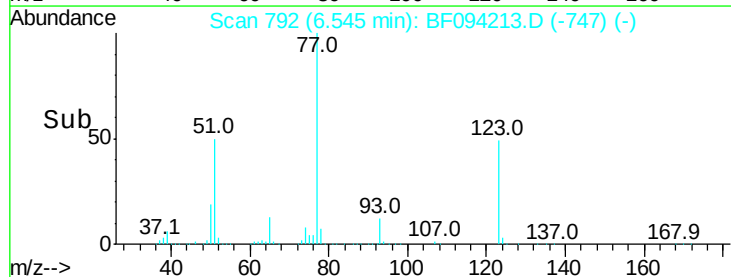
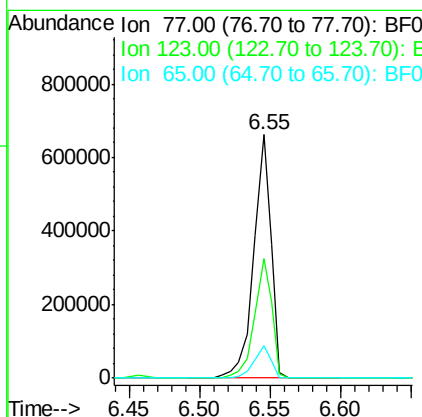
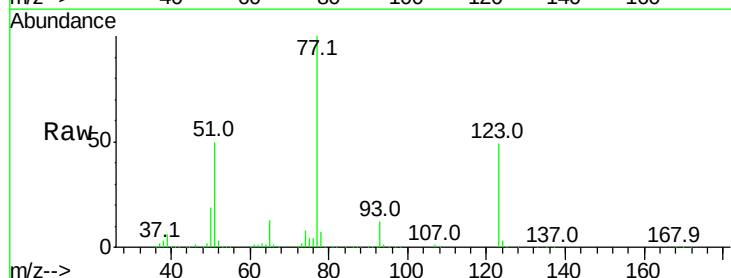
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

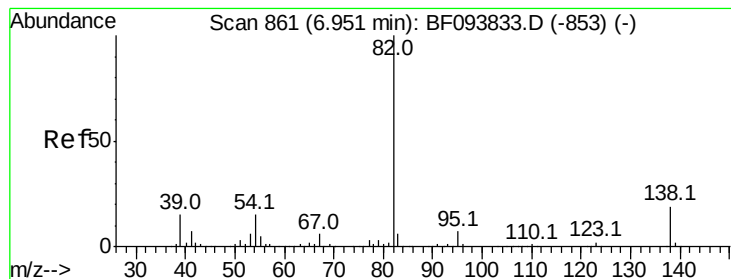
Tot Ion: 82 Resp: 1169021
Ion Ratio Lower Upper
82 100
128 48.2 34.0 51.0
54 48.6 42.2 63.2



#24
Nitrobenzene
Concen: 41.05 ng
RT: 6.55 min Scan# 792
Delta R.T. -0.04 min
Lab File: BF094213.D
Acq: 6 Apr 2017 3:11

Tgt Ion: 77 Resp: 573711
Ion Ratio Lower Upper
77 100
123 48.8 35.8 53.8
65 13.1 10.6 15.8





#25

Isophorone

Concen: 40.57 ng

RT: 6.83 min Scan# 841

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

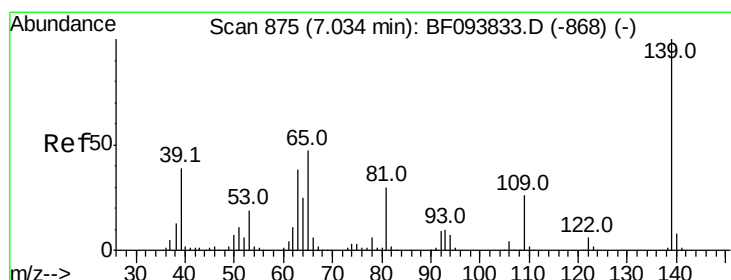
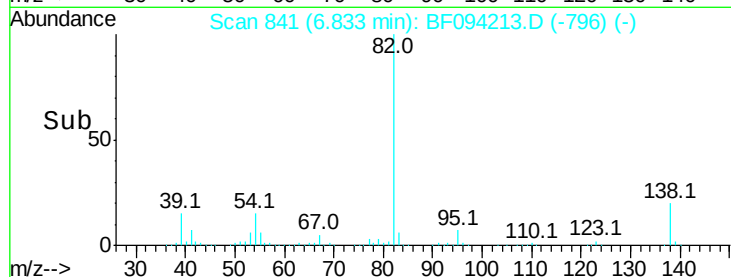
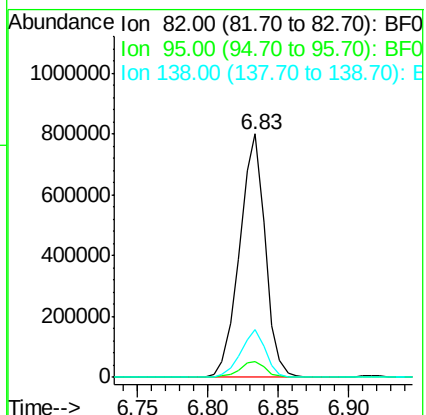
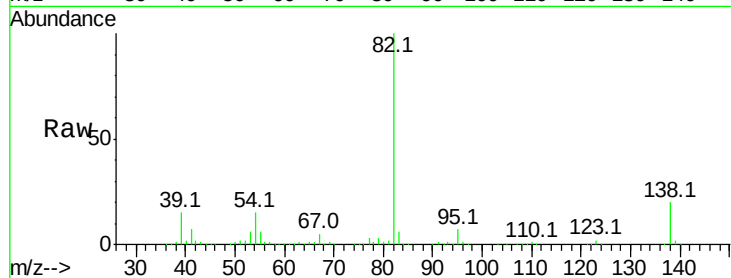
Tot Ion: 82 Resp: 1010148

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 19.6 13.1 19.7



#26

2-Nitrophenol

Concen: 39.49 ng

RT: 6.92 min Scan# 855

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

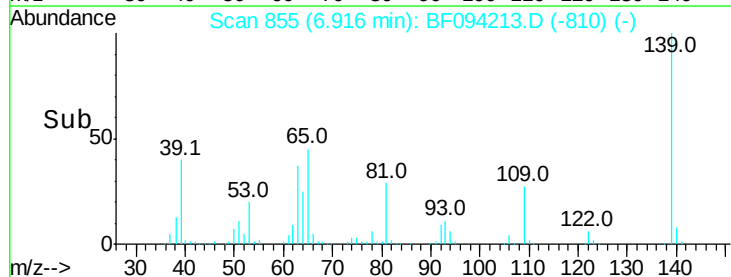
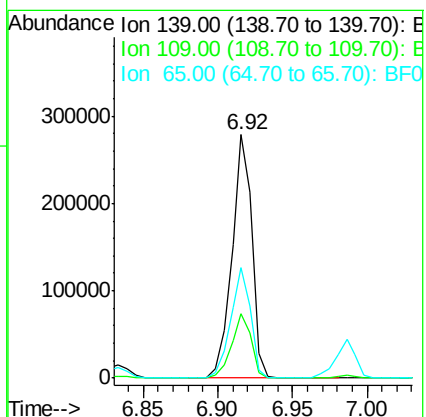
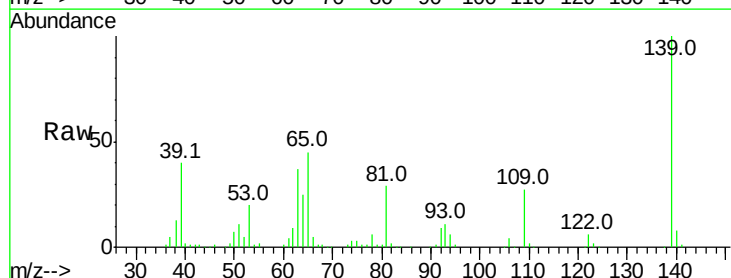
Tgt Ion: 139 Resp: 263180

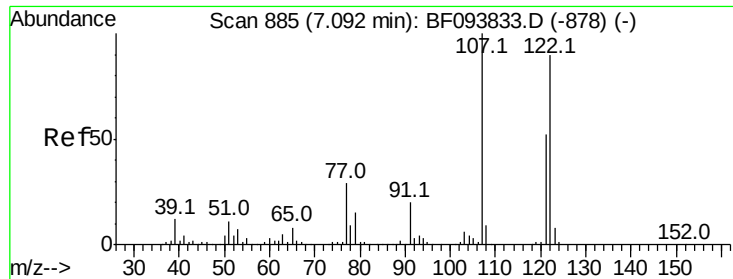
Ion Ratio Lower Upper

139 100

109 26.7 21.0 31.6

65 45.3 33.0 49.6

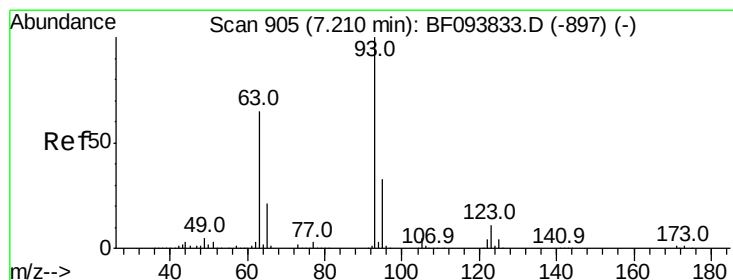
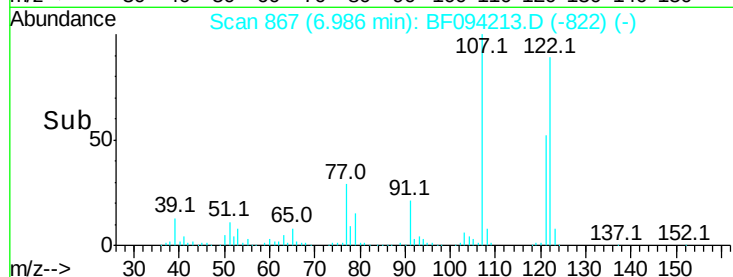
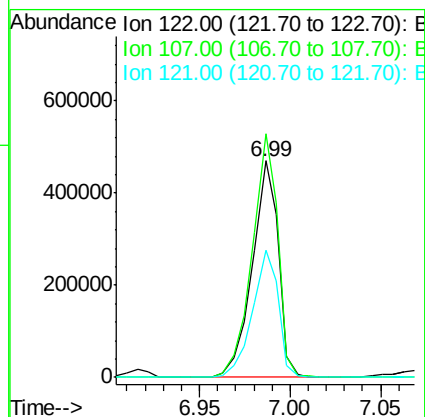
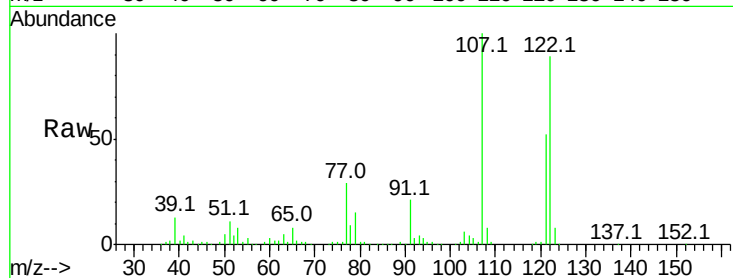




#27
2,4-Dimethylphenol
Concen: 40.79 ng
RT: 6.99 min Scan# 867
Delta R.T. -0.04 min
Lab File: BF094213.D
Acq: 6 Apr 2017 3:11

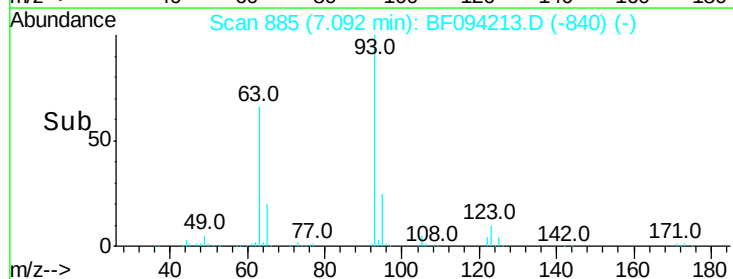
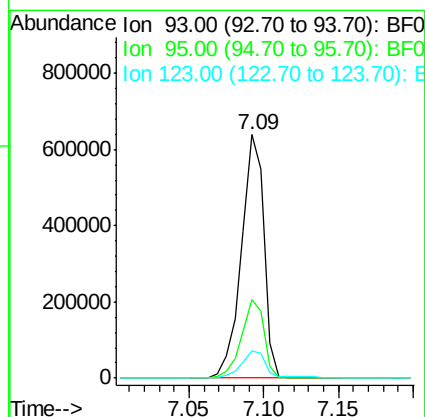
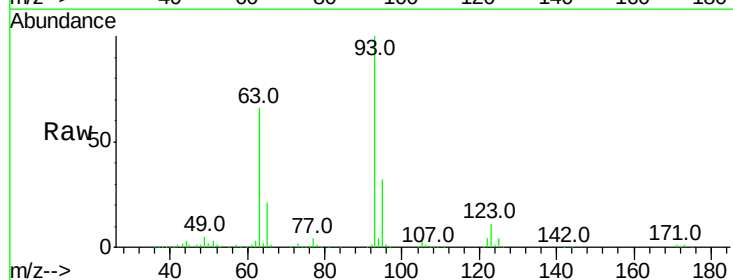
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

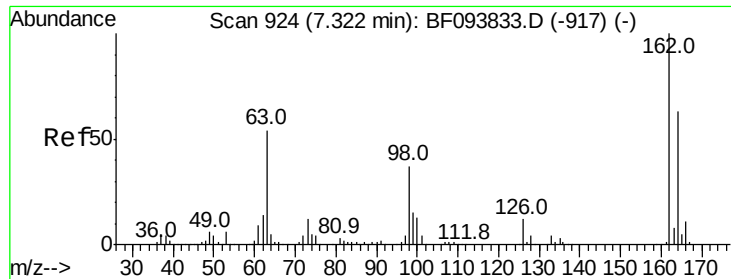
Tot Ion:122 Resp: 468409
Ion Ratio Lower Upper
122 100
107 112.6 89.2 133.8
121 58.9 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.79 ng
RT: 7.09 min Scan# 885
Delta R.T. -0.04 min
Lab File: BF094213.D
Acq: 6 Apr 2017 3:11

Tgt Ion: 93 Resp: 669813
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 11.1 9.0 13.4

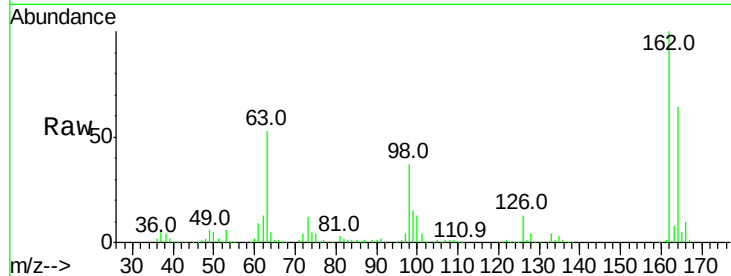




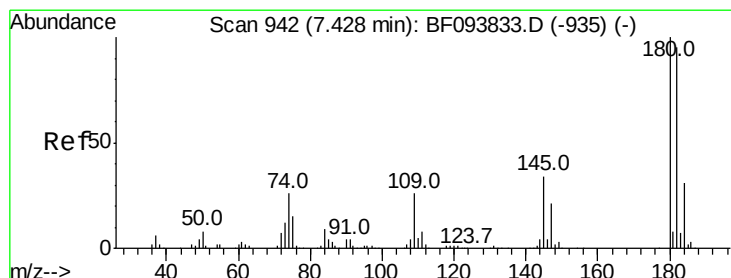
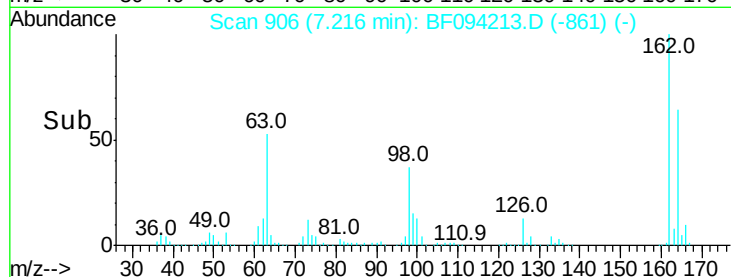
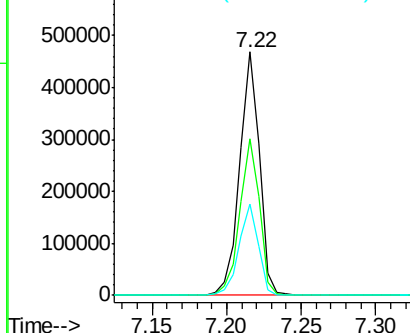
#29
 2,4-Dichlorophenol
 Concen: 40.27 ng
 RT: 7.22 min Scan# 906
 Delta R.T. -0.04 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.6	84.6
98	37.3	14.8	54.8

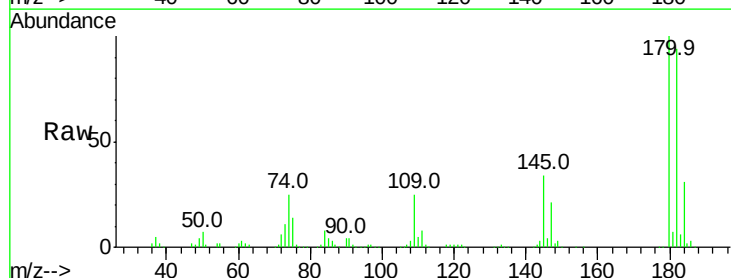


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

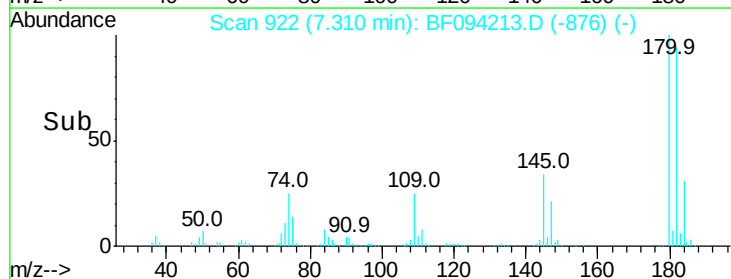
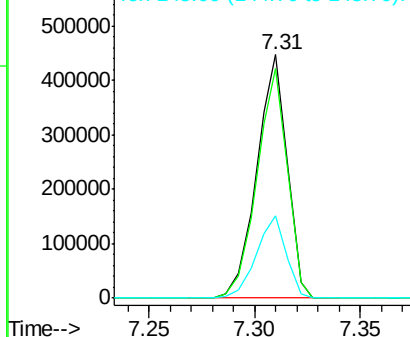


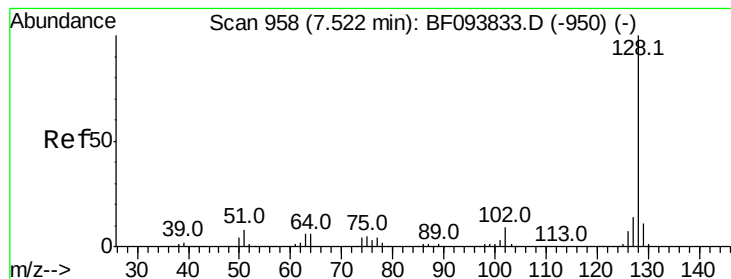
#30
 1,2,4-Trichlorobenzene
 Concen: 40.38 ng
 RT: 7.31 min Scan# 922
 Delta R.T. -0.03 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.8	113.6
145	33.9	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.13 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

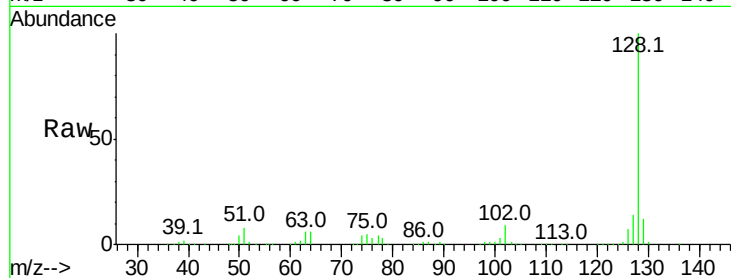
Tot Ion:128 Resp: 1521674

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

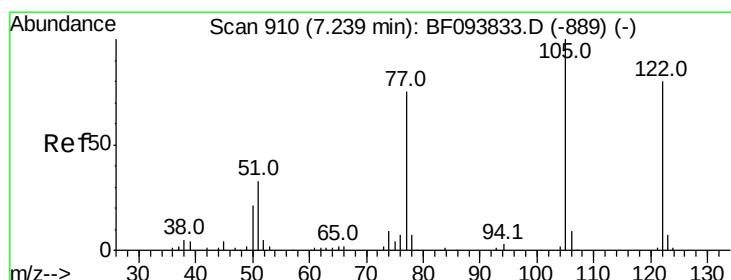
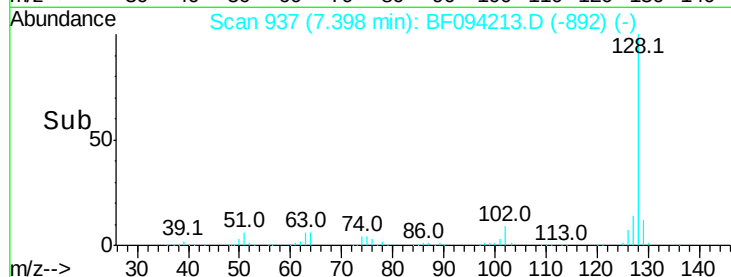
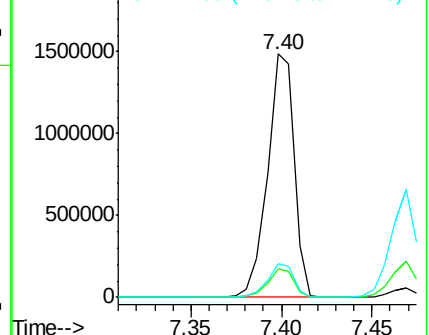
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 23.02 ng

RT: 7.13 min Scan# 892

Delta R.T. -0.05 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

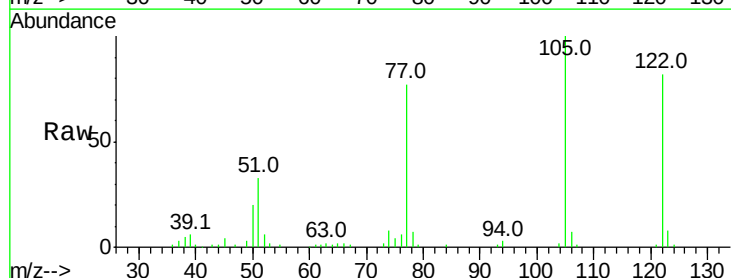
Tgt Ion:122 Resp: 175958

Ion Ratio Lower Upper

122 100

105 122.6 103.3 143.3

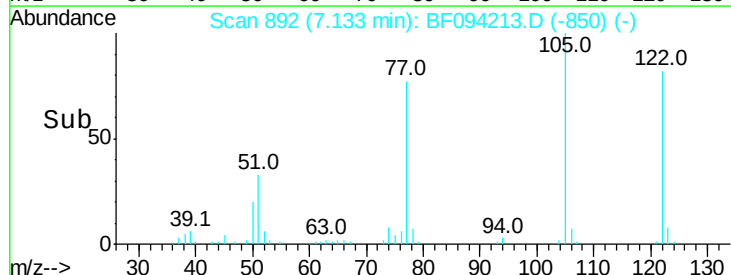
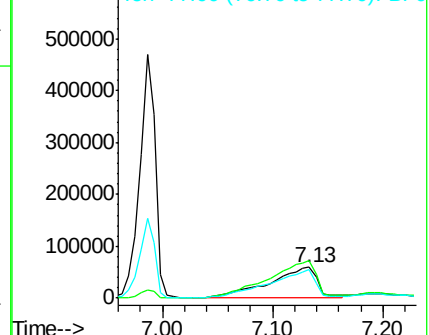
77 94.2 73.7 113.7

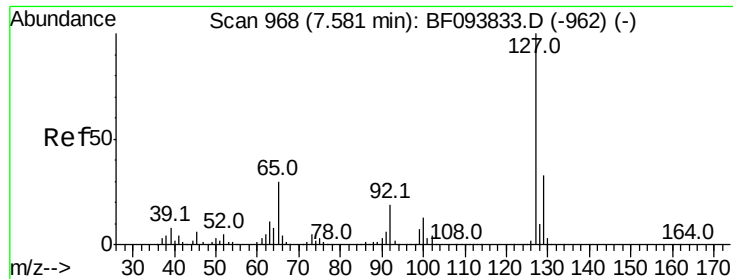


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

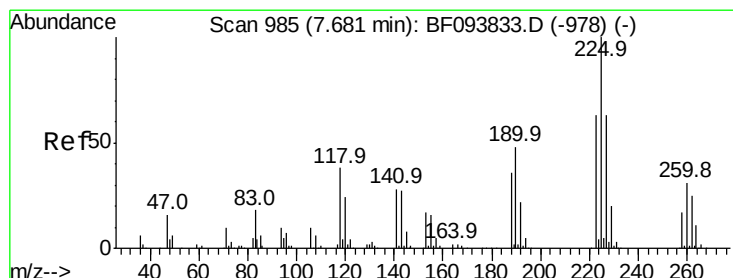
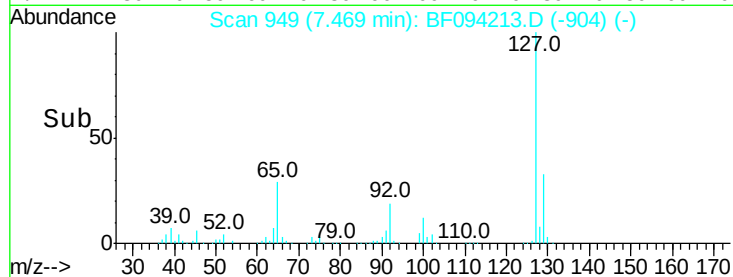
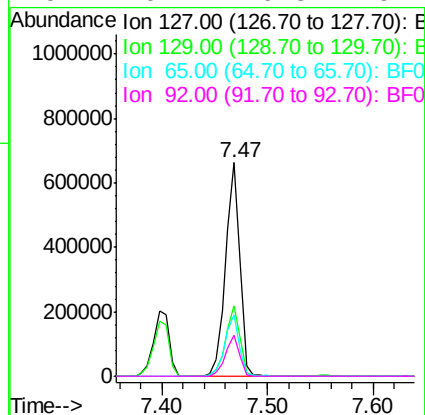
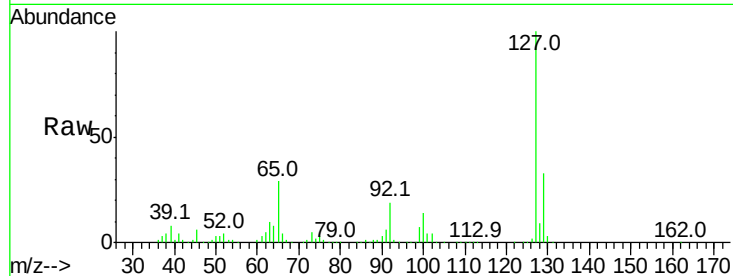




#33
4-Chloroaniline
Concen: 39.76 ng
RT: 7.47 min Scan# 949
Delta R.T. -0.04 min
Lab File: BF094213.D
Acq: 6 Apr 2017 3:11

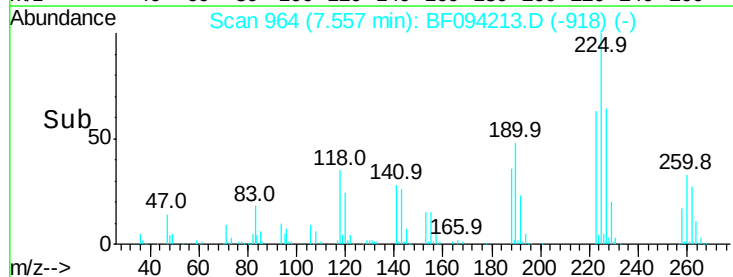
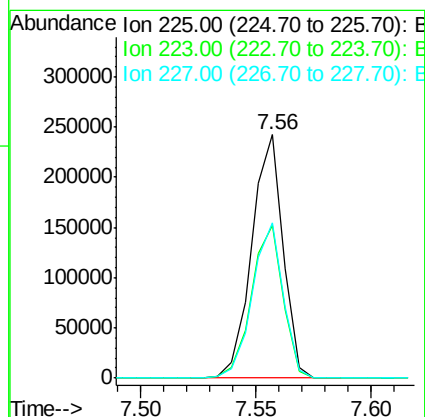
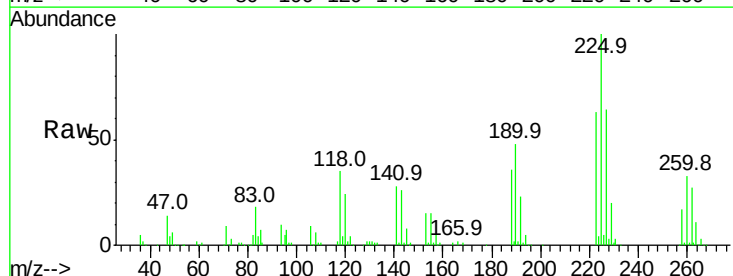
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

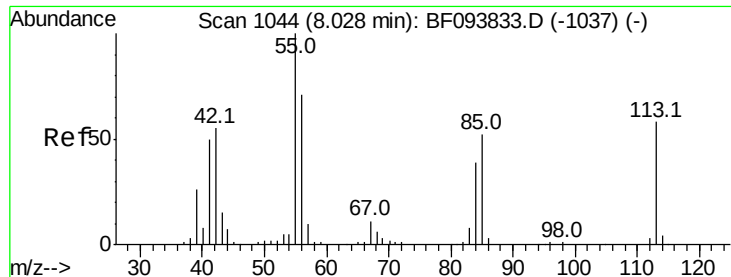
Tot Ion:	127	Resp:	626699
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.2
65	29.0	27.8	41.8
92	19.1	16.8	25.2



#34
Hexachlorobutadiene
Concen: 40.42 ng
RT: 7.56 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF094213.D
Acq: 6 Apr 2017 3:11

Tgt Ion:	225	Resp:	229250
Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.8	73.2
227	63.9	51.1	76.7

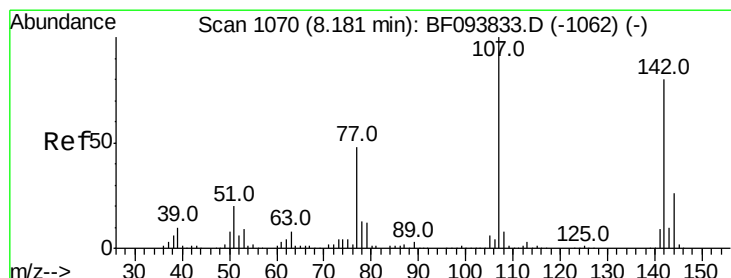
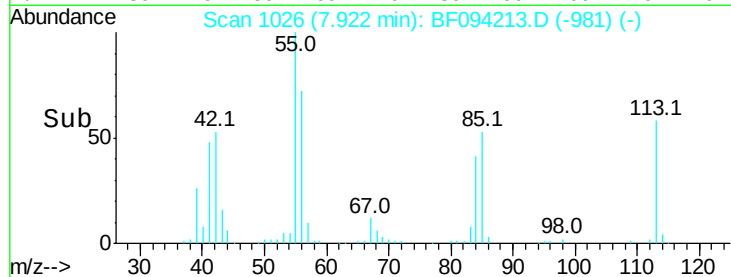
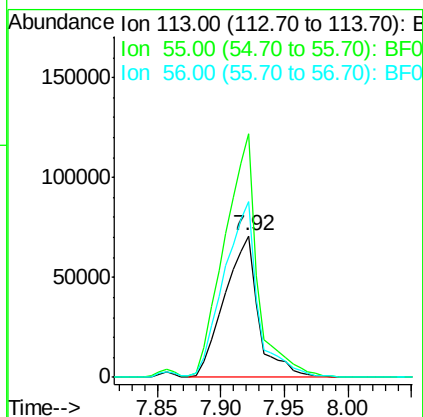
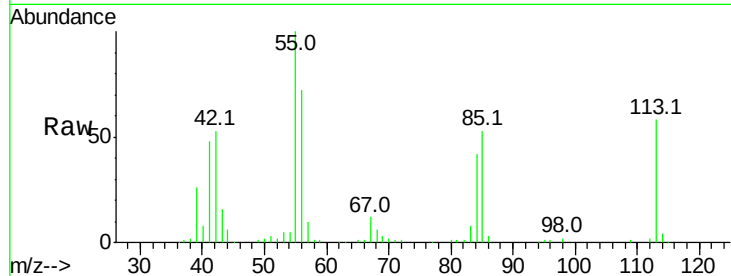




#35
 Caprolactam
 Concen: 38.58 ng
 RT: 7.92 min Scan# 1026
 Delta R.T. -0.04 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

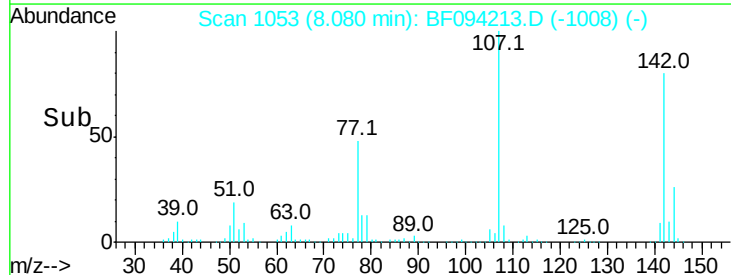
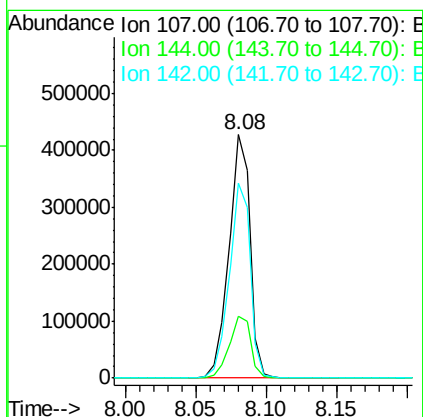
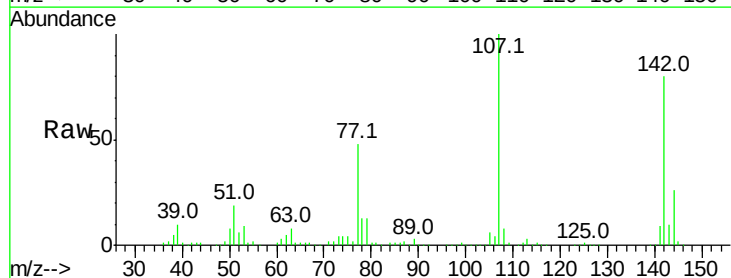
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

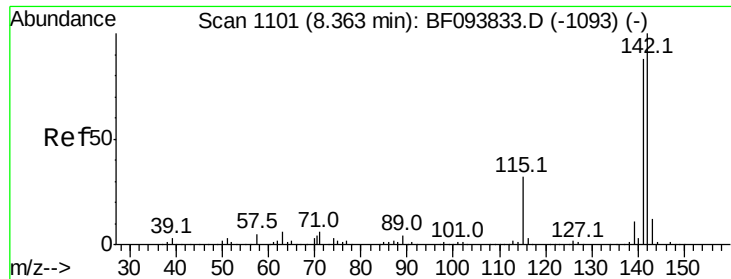
Tot Ion:113 Resp: 132126
 Ion Ratio Lower Upper
 113 100
 55 172.3 150.2 190.2
 56 124.0 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 39.56 ng
 RT: 8.08 min Scan# 1053
 Delta R.T. -0.04 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

Tgt Ion:107 Resp: 443867
 Ion Ratio Lower Upper
 107 100
 144 25.7 24.2 36.4
 142 80.0 73.4 110.0

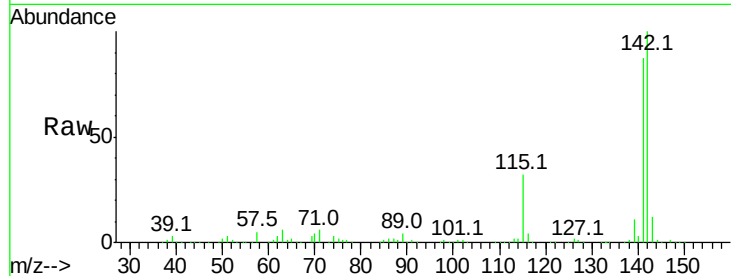




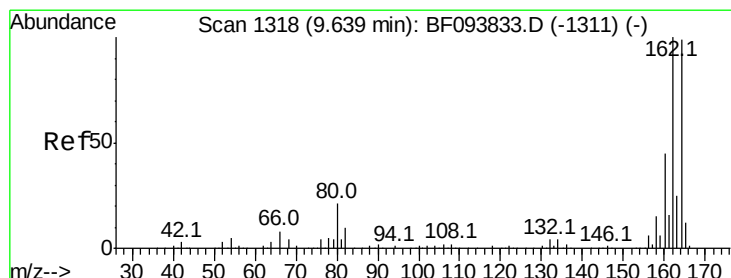
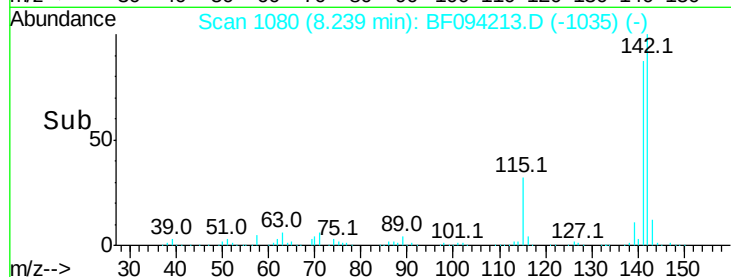
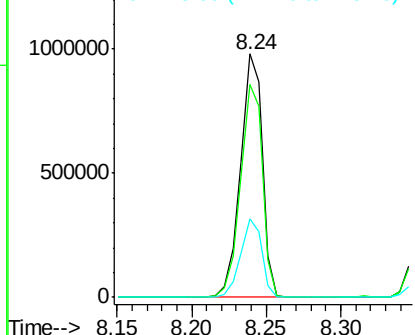
#37
 2-Methylnaphthalene
 Concen: 38.30 ng
 RT: 8.24 min Scan# 1080
 Delta R.T. -0.04 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:142 Resp: 992868
 Ion Ratio Lower Upper
 142 100
 141 87.4 71.3 106.9
 115 32.4 27.1 40.7

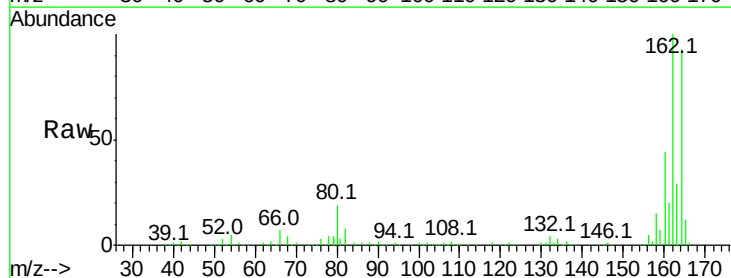


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

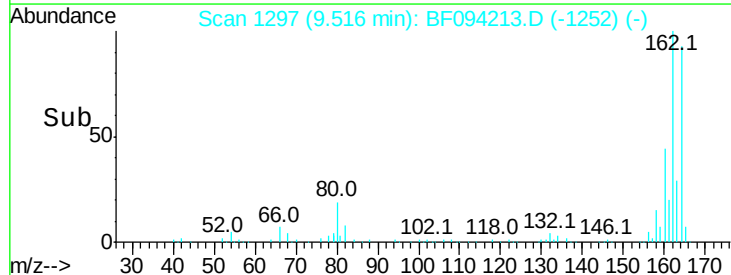
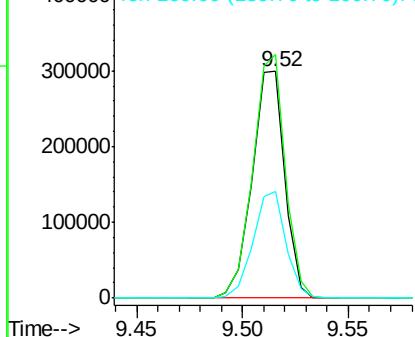


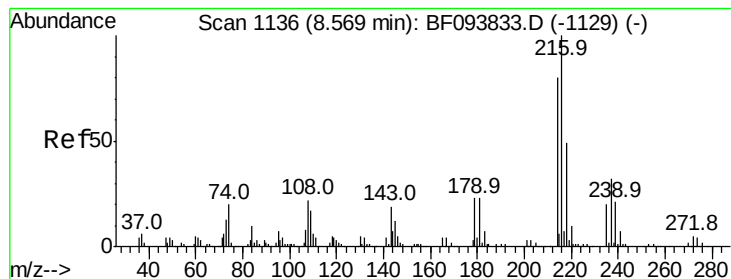
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.04 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

Tgt Ion:164 Resp: 323419
 Ion Ratio Lower Upper
 164 100
 162 107.5 82.6 123.8
 160 47.0 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: 45.18 ng

RT: 8.45 min Scan# 1115

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 399769

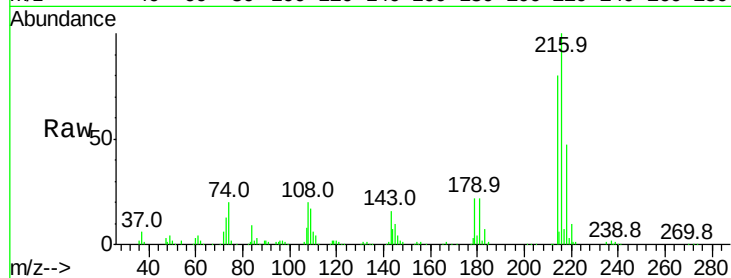
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 22.3 17.9 26.9

108 19.1 16.5 24.7

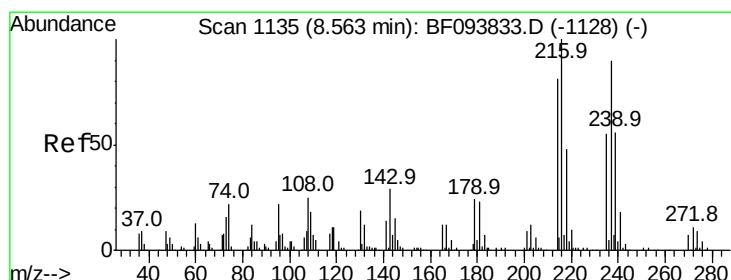
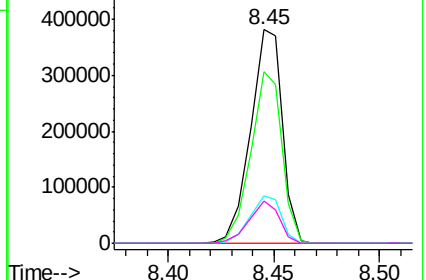
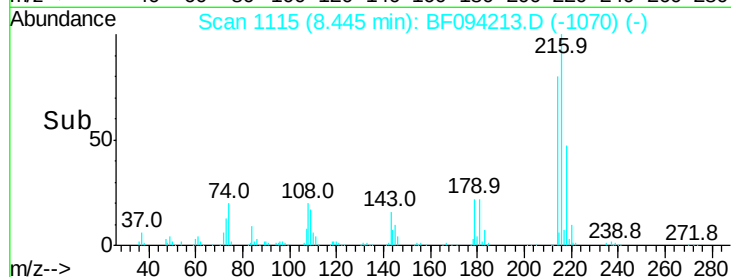


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 5.74 ng

RT: 8.43 min Scan# 1113

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

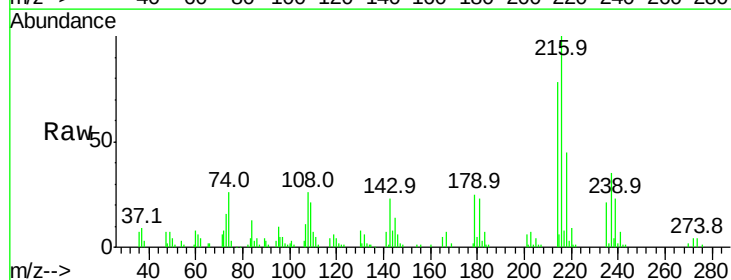
Tgt Ion:237 Resp: 23751

Ion Ratio Lower Upper

237 100

235 59.9 42.6 82.6

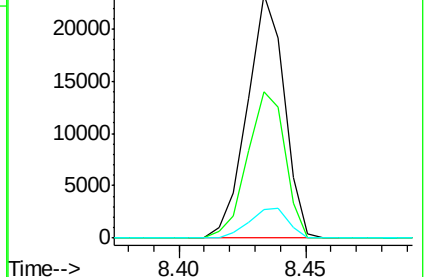
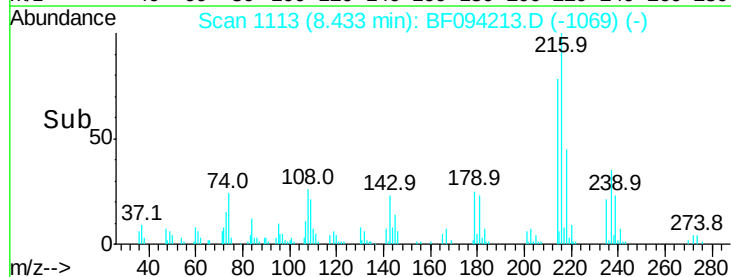
272 11.9 0.0 31.9

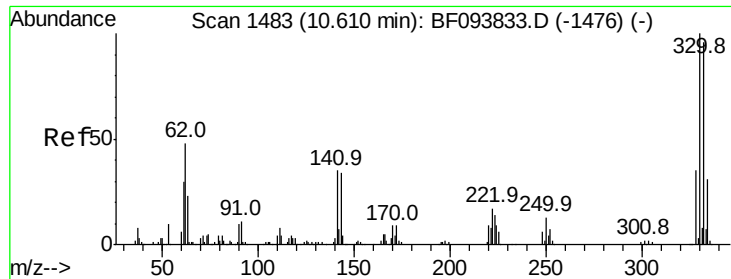


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

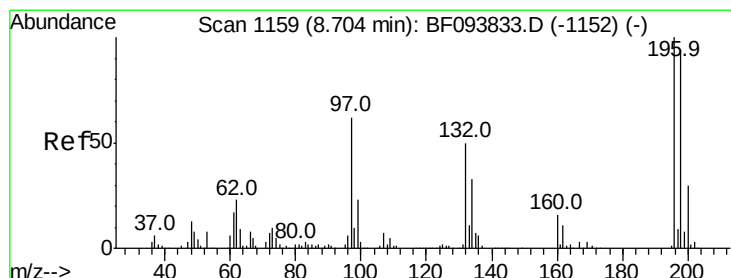
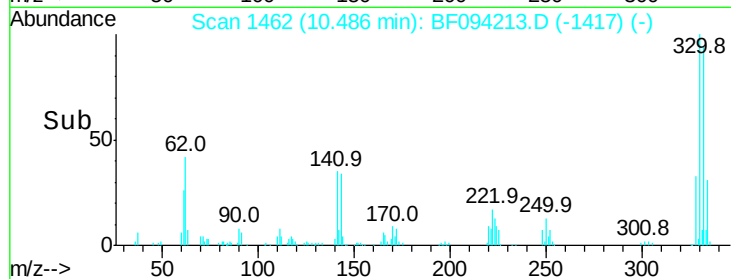
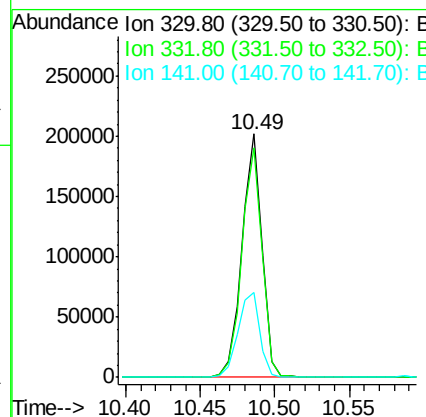
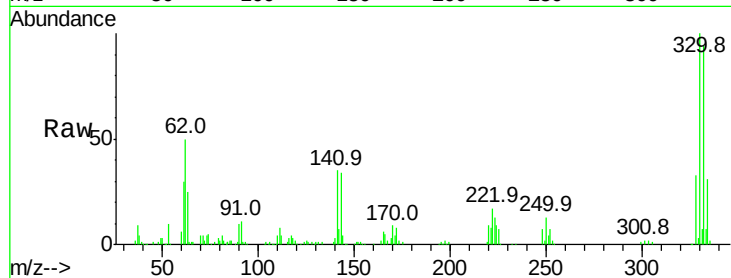




#41
 2,4,6-Tribromophenol
 Concen: 74.27 ng
 RT: 10.49 min Scan# 1462
 Delta R.T. -0.04 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

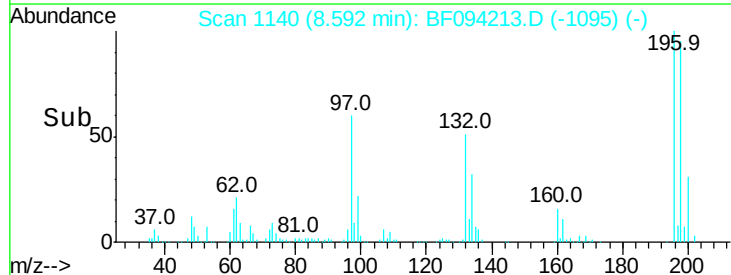
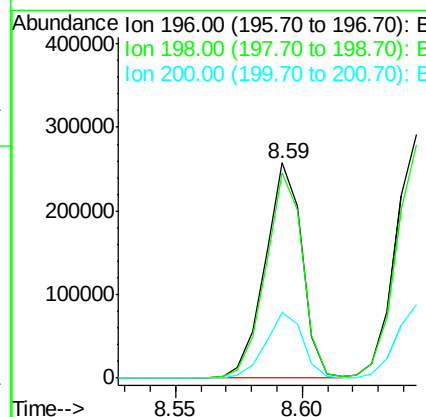
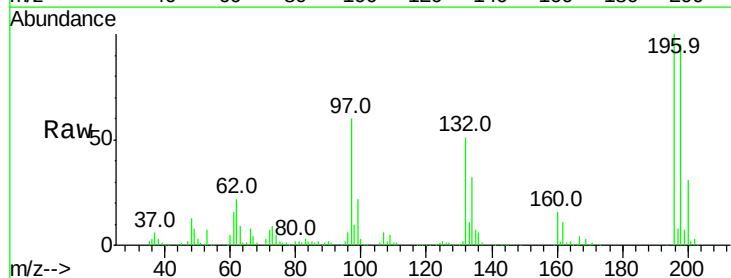
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

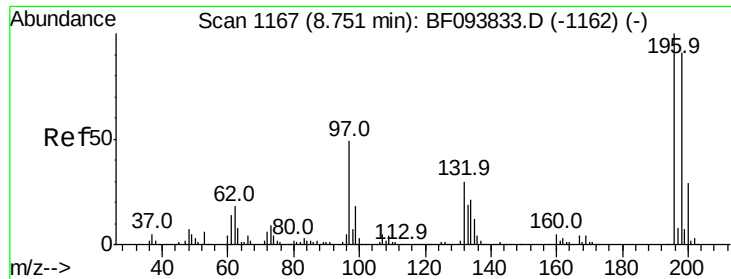
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	38.2	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 42.14 ng
 RT: 8.59 min Scan# 1140
 Delta R.T. -0.04 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.2	111.4
200	30.5	24.0	36.0

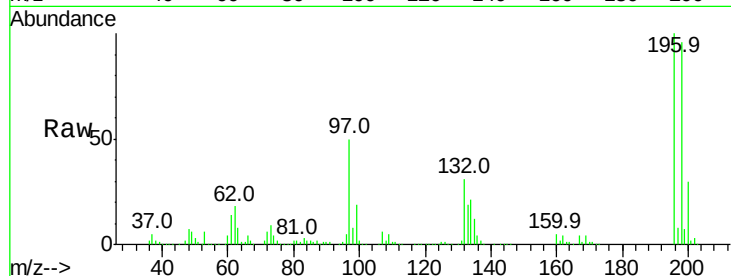




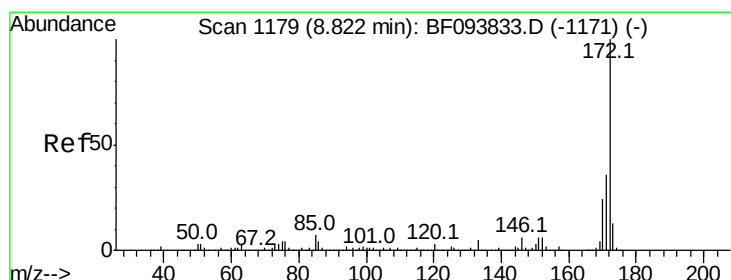
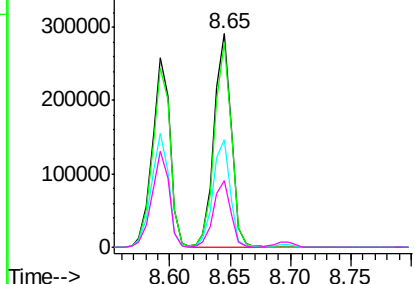
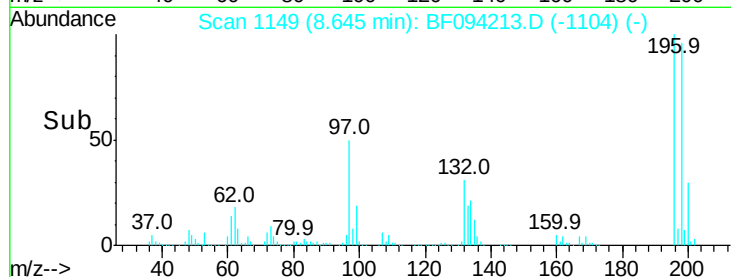
#43
 2,4,5-Trichlorophenol
 Concen: 41.80 ng
 RT: 8.65 min Scan# 1149
 Delta R.T. -0.04 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	283087
Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.7	113.5
97	50.3	47.7	71.5
132	31.2	28.0	42.0

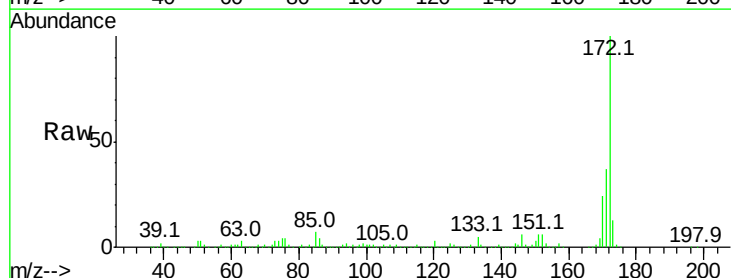


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

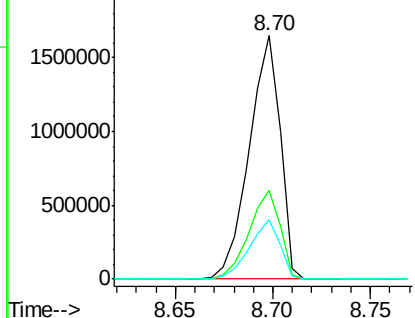
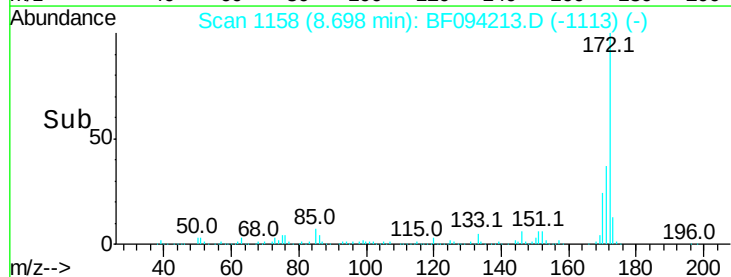


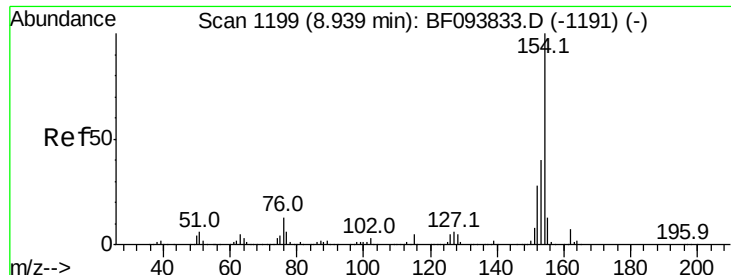
#44
 2-Fluorobiphenyl
 Concen: 85.53 ng
 RT: 8.70 min Scan# 1158
 Delta R.T. -0.04 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

Tgt Ion:	172	Resp:	1813607
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.4	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



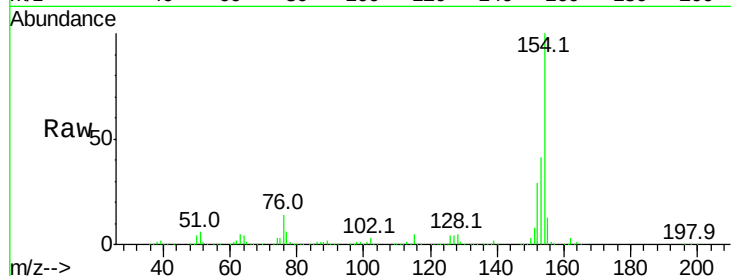


#45
 1,1'-Biphenyl
 Concen: 42.31 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.04 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

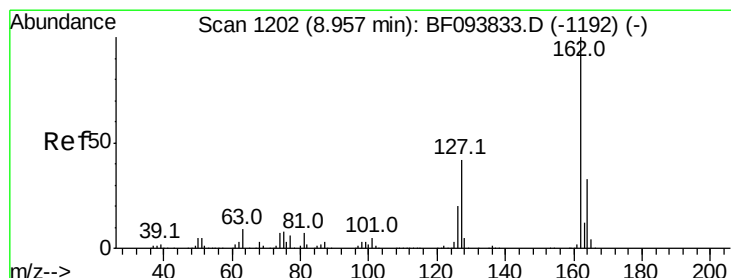
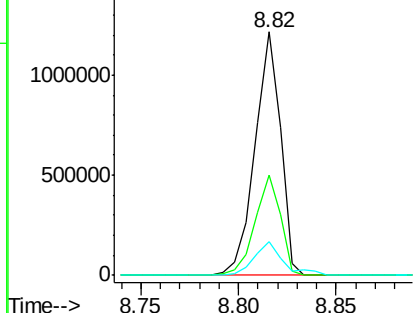
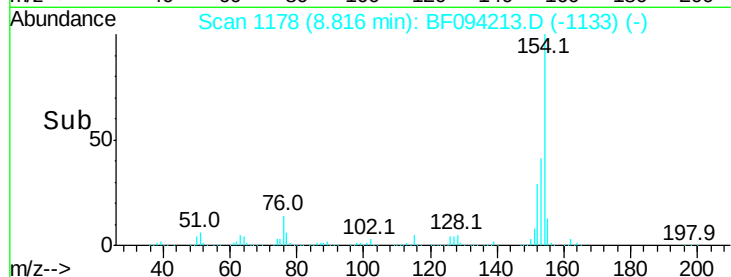
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 1103685

Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.2	61.2
76	13.6	0.0	29.9



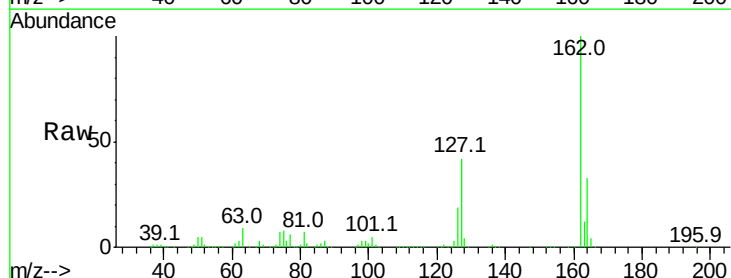
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



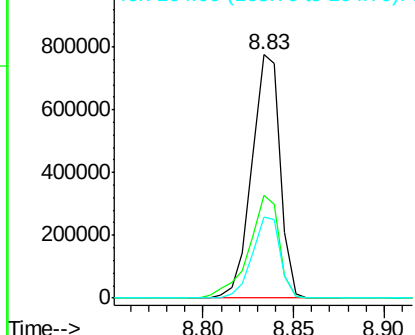
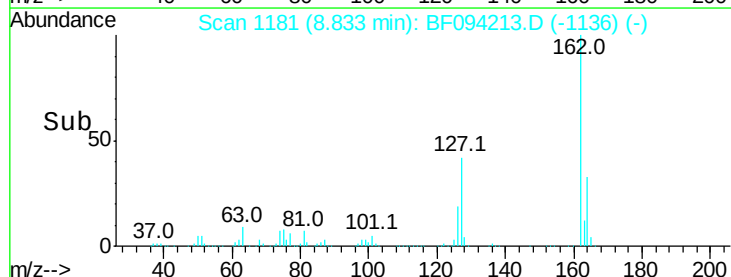
#46
 2-Chloronaphthalene
 Concen: 41.24 ng
 RT: 8.83 min Scan# 1181
 Delta R.T. -0.04 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

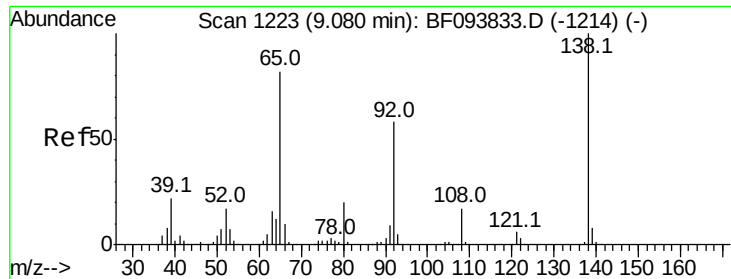
Tgt Ion:162 Resp: 842186

Ion	Ratio	Lower	Upper
162	100		
127	42.2	28.3	42.5
164	33.2	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

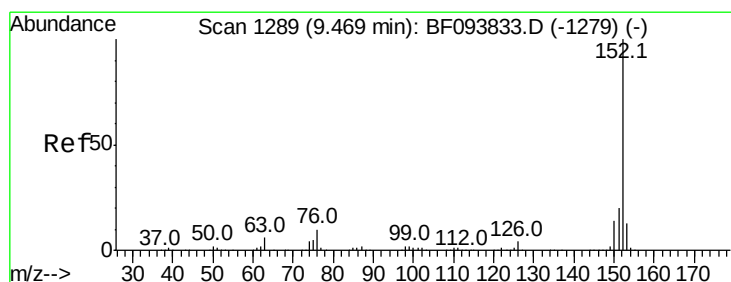
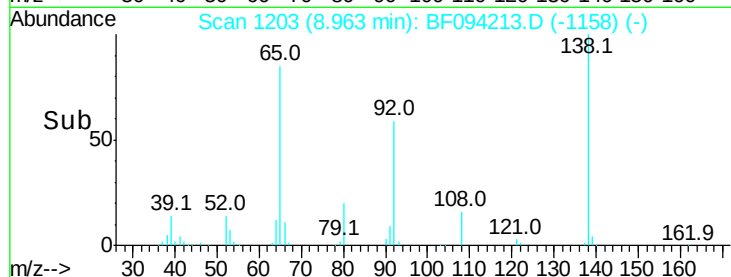
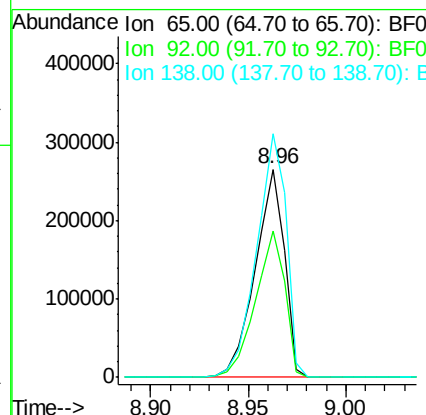
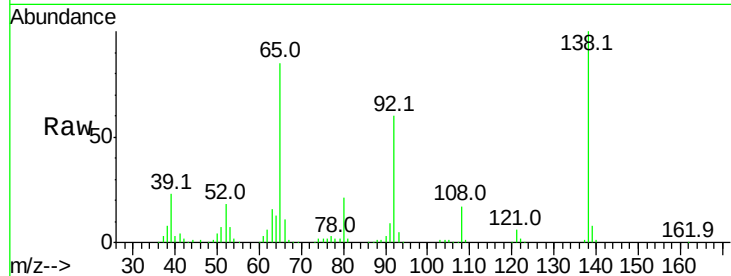




#47
2-Nitroaniline
Concen: 45.29 ng
RT: 8.96 min Scan# 1203
Delta R.T. -0.04 min
Lab File: BF094213.D
Acq: 6 Apr 2017 3:11

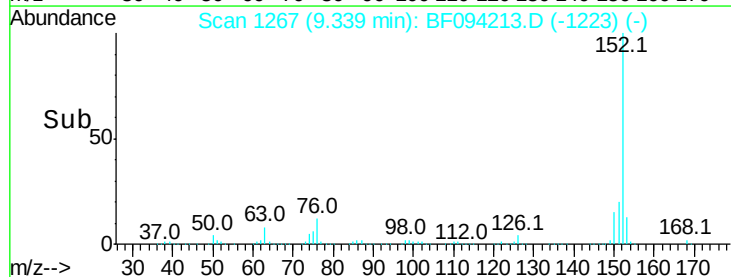
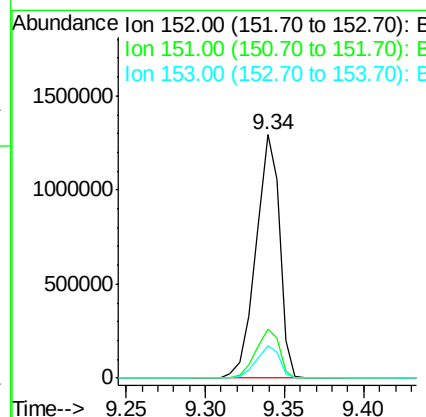
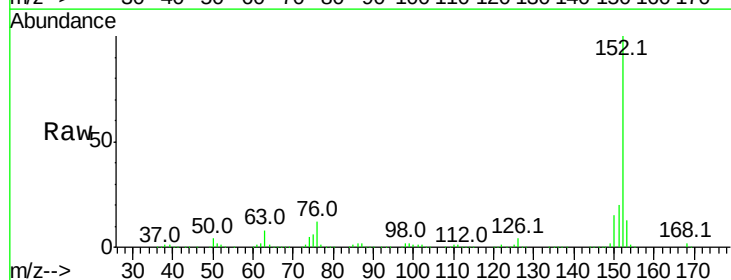
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

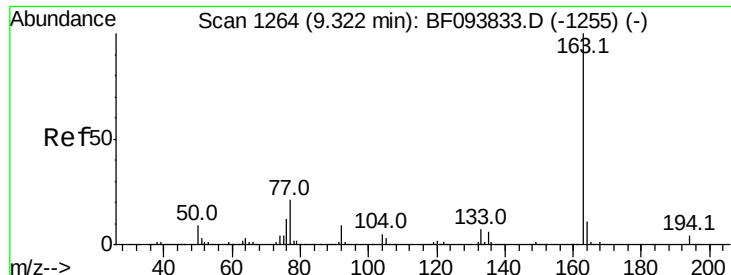
Tot Ion: 65 Resp: 274366
Ion Ratio Lower Upper
65 100
92 70.7 53.9 80.9
138 117.1 78.8 118.2



#48
Acenaphthylene
Concen: 39.43 ng
RT: 9.34 min Scan# 1267
Delta R.T. -0.04 min
Lab File: BF094213.D
Acq: 6 Apr 2017 3:11

Tgt Ion:152 Resp: 1338032
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 13.3 10.8 16.2

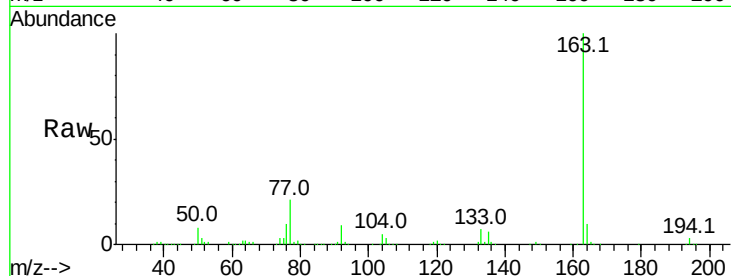




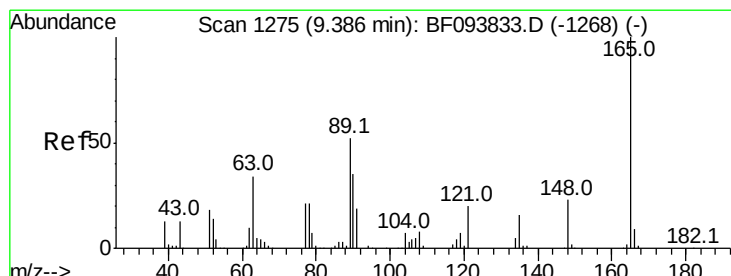
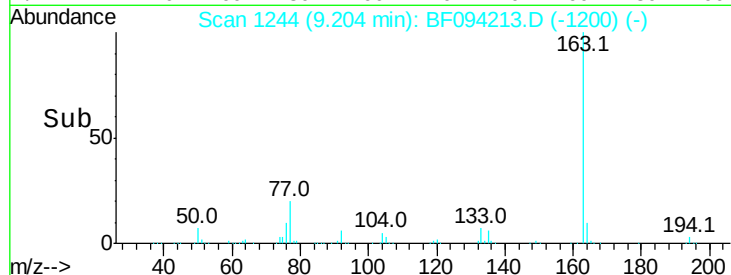
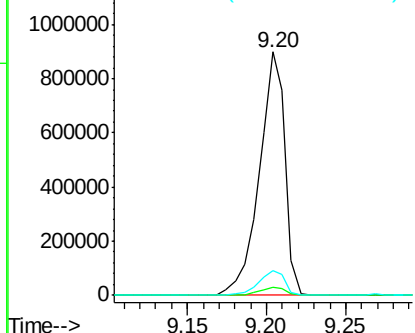
#49
Dimethylphthalate
Concen: 44.02 ng
RT: 9.20 min Scan# 1244
Delta R.T. -0.04 min
Lab File: BF094213.D
Acq: 6 Apr 2017 3:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1011997
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.0 8.4 12.6

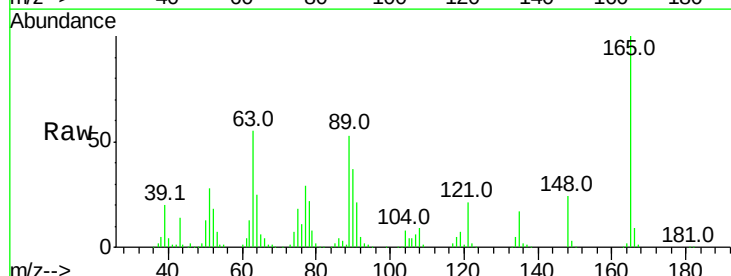


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

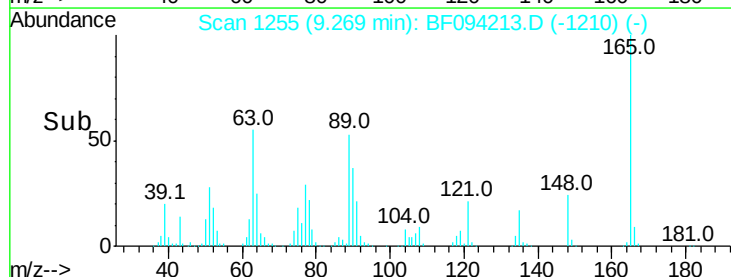
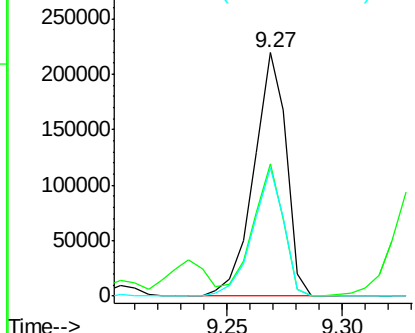


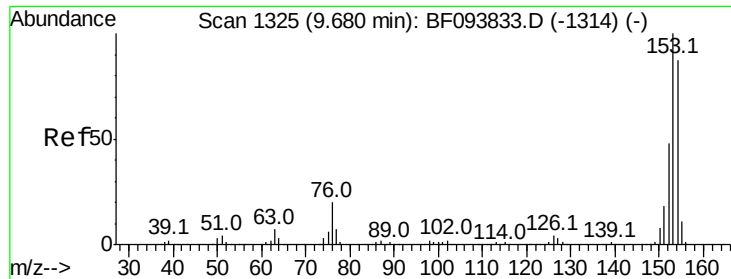
#50
2,6-Dinitrotoluene
Concen: 40.78 ng
RT: 9.27 min Scan# 1255
Delta R.T. -0.04 min
Lab File: BF094213.D
Acq: 6 Apr 2017 3:11

Tgt Ion:165 Resp: 214918
Ion Ratio Lower Upper
165 100
63 54.6 34.3 51.5#
89 53.0 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: 39.06 ng

RT: 9.56 min Scan# 1304

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

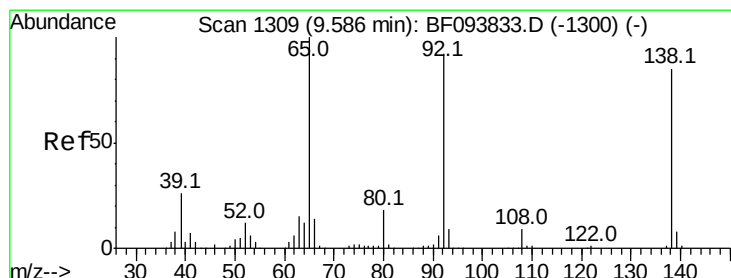
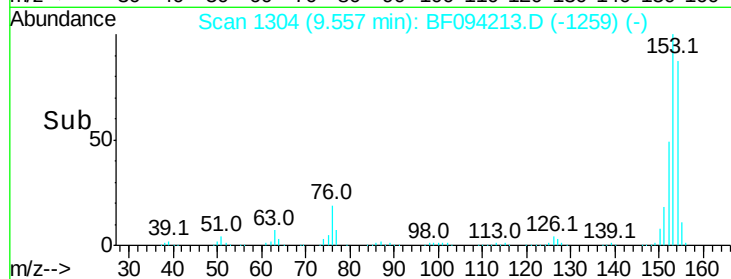
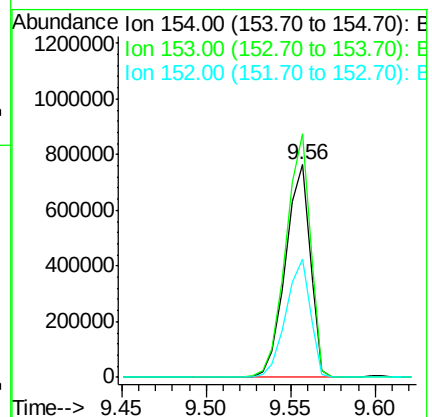
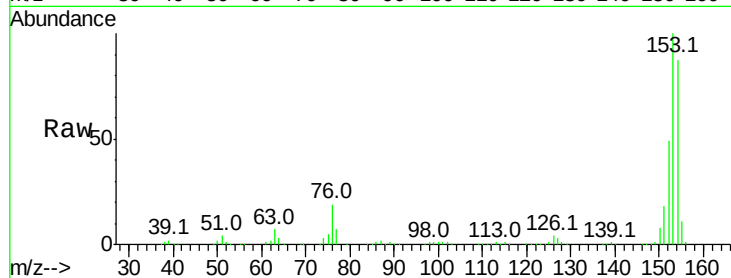
Tot Ion:154 Resp: 773452

Ion Ratio Lower Upper

154 100

153 114.4 90.5 135.7

152 55.6 43.6 65.4



#52

3-Nitroaniline

Concen: 43.75 ng

RT: 9.47 min Scan# 1290

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

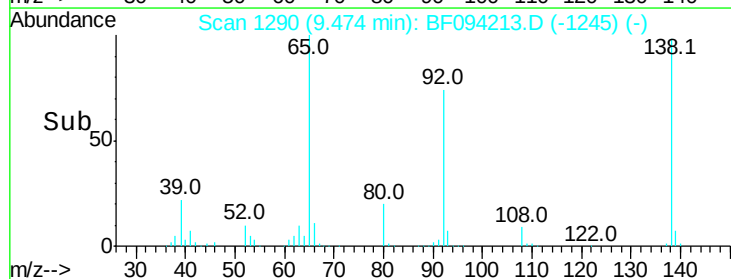
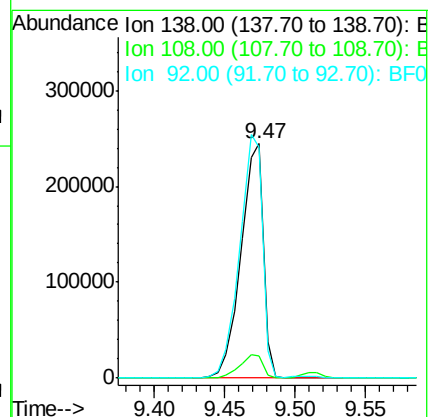
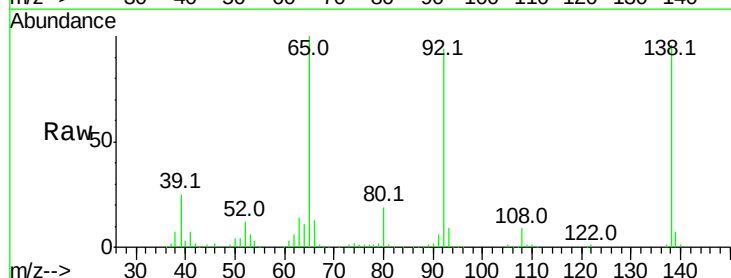
Tgt Ion:138 Resp: 270741

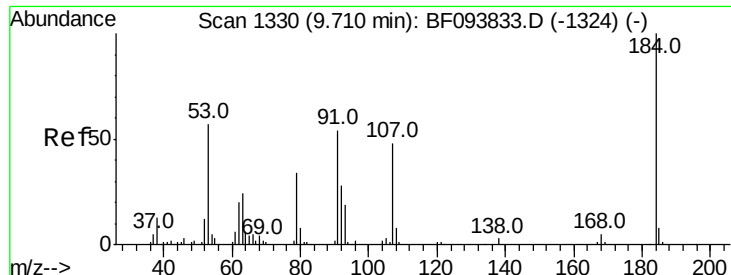
Ion Ratio Lower Upper

138 100

108 9.5 9.1 13.7

92 98.7 93.8 140.6

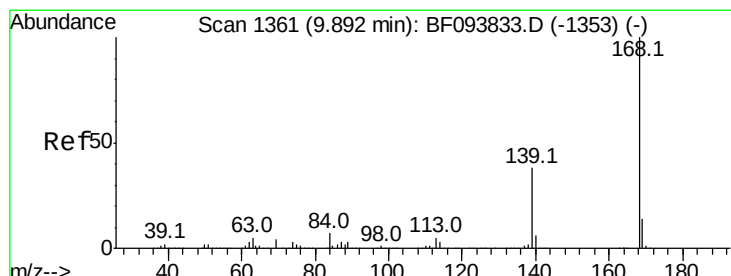
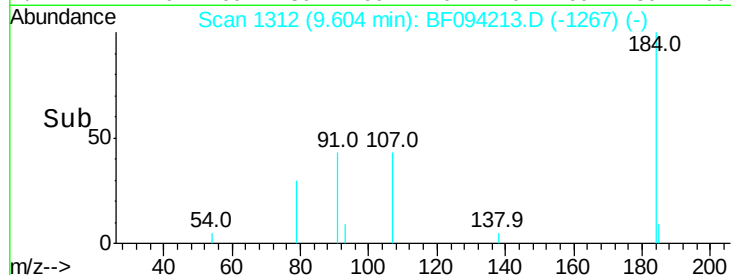
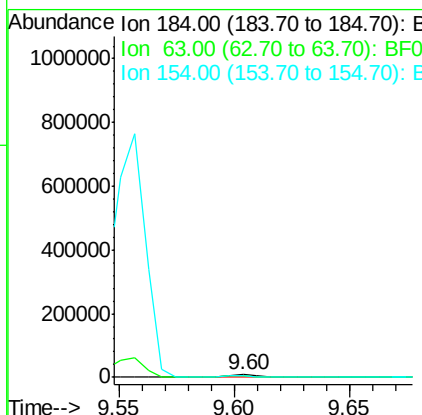
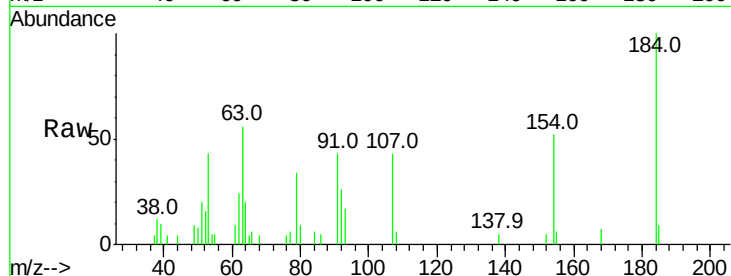




#53
 2,4-Dinitrophenol
 Concen: 7.59 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. -0.04 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

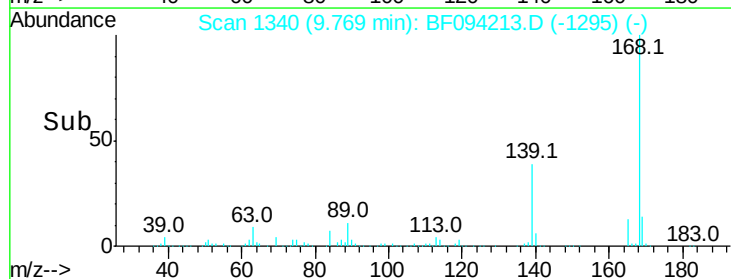
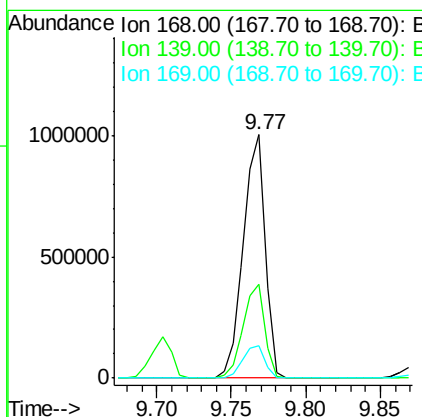
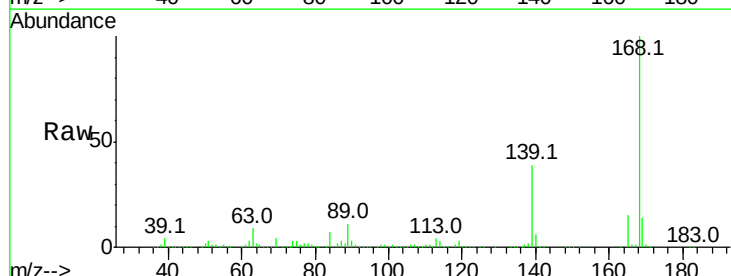
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

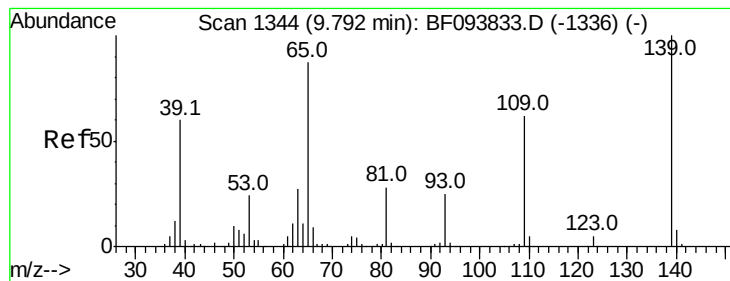
Tot Ion:184 Resp: 8766
 Ion Ratio Lower Upper
 184 100
 63 55.7 62.7 94.1#
 154 52.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 37.88 ng
 RT: 9.77 min Scan# 1340
 Delta R.T. -0.04 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

Tgt Ion:168 Resp: 1021242
 Ion Ratio Lower Upper
 168 100
 139 38.8 30.6 45.8
 169 13.6 10.8 16.2





#55

4-Nitrophenol

Concen: 34.38 ng

RT: 9.70 min Scan# 1329

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

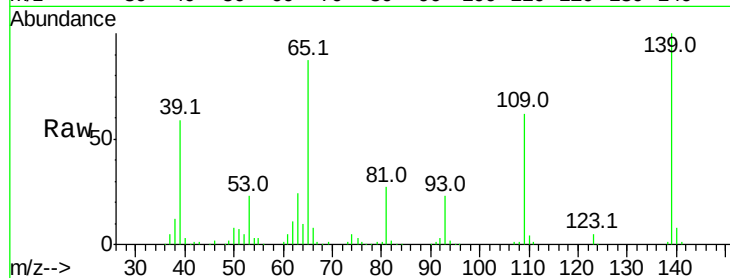
Tot Ion:139 Resp: 166603

Ion Ratio Lower Upper

139 100

109 62.4 34.1 74.1

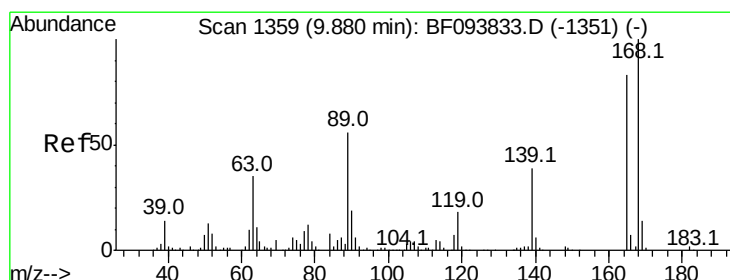
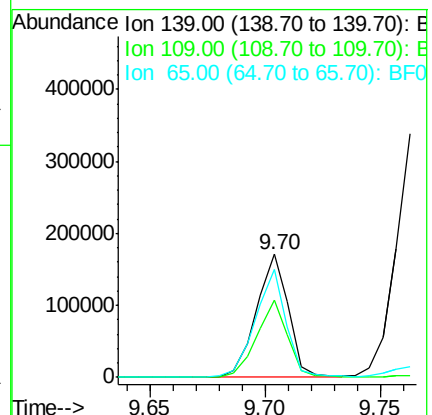
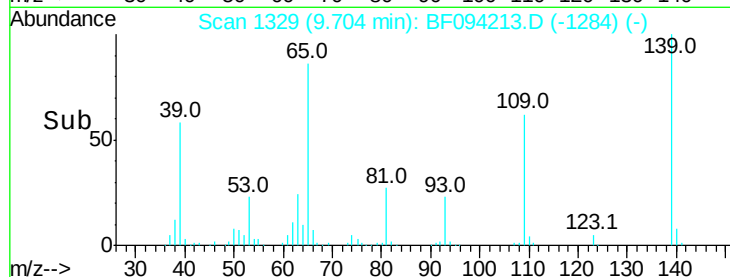
65 87.4 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 35.91 ng

RT: 9.76 min Scan# 1339

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

Tgt Ion:165 Resp: 237736

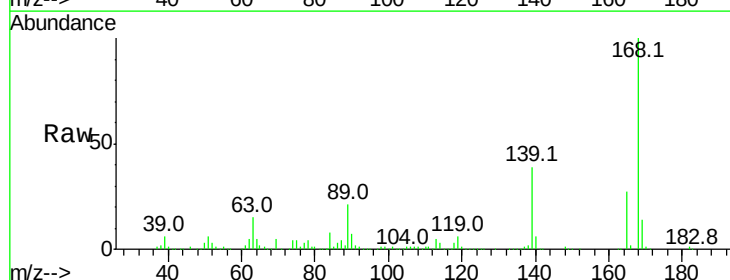
Ion Ratio Lower Upper

165 100

63 57.6 25.4 38.0#

89 77.7 46.4 69.6#

182 2.3 1.8 2.6

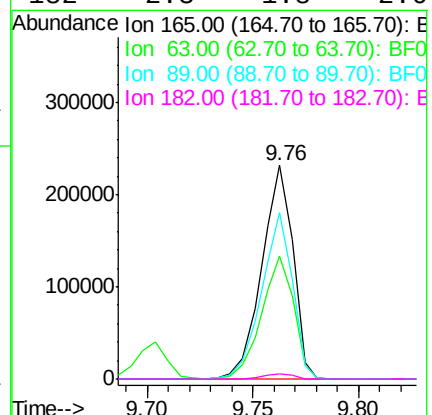
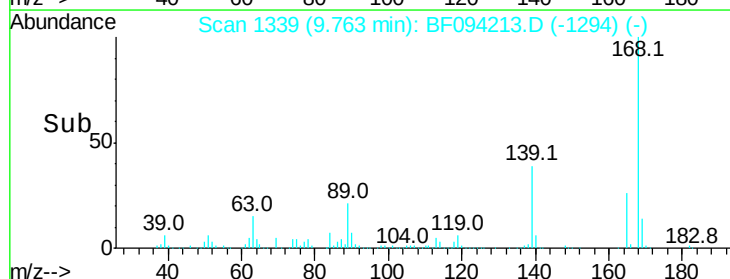


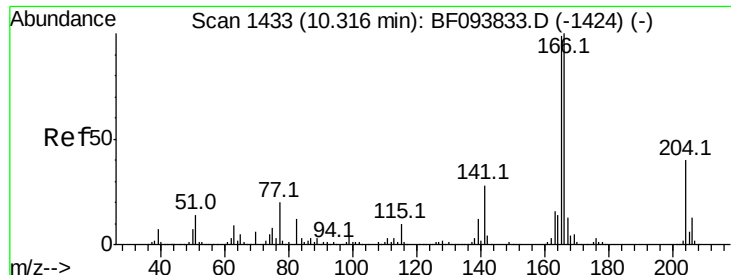
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

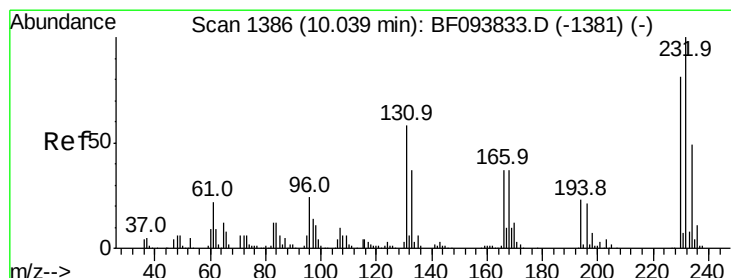
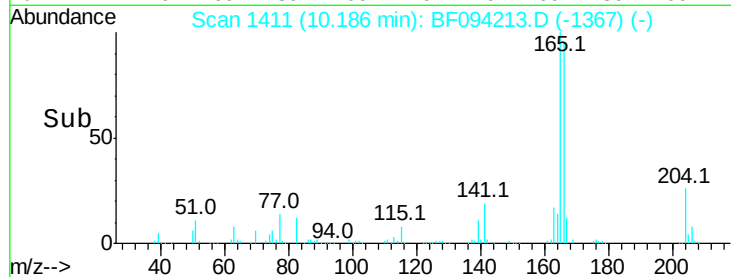
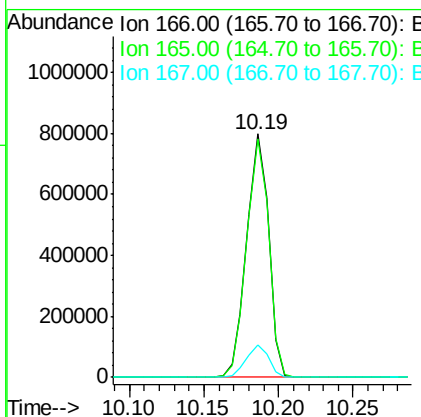
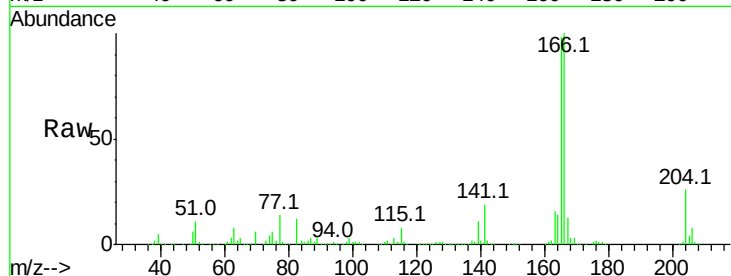




#57
 Fluorene
 Concen: 36.62 ng
 RT: 10.19 min Scan# 1411
 Delta R.T. -0.04 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

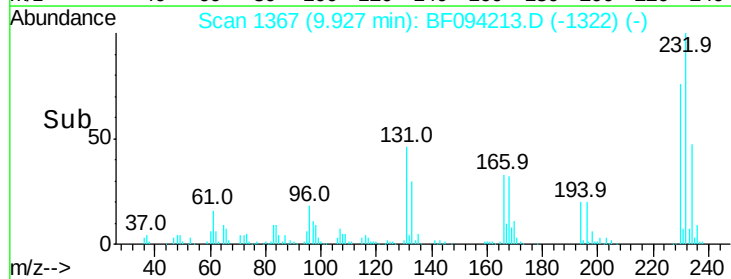
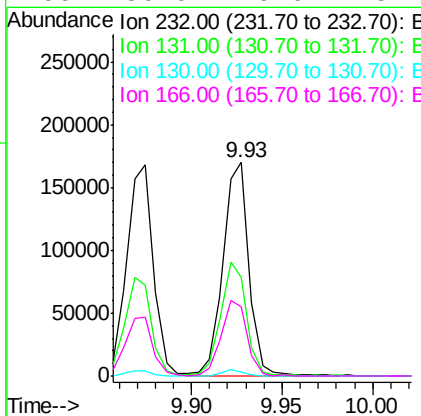
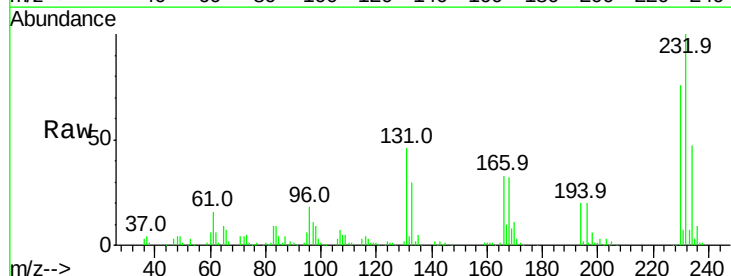
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

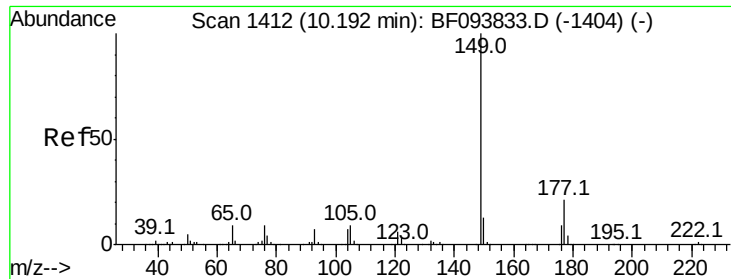
Tot Ion:166 Resp: 818699
 Ion Ratio Lower Upper
 166 100
 165 97.9 78.8 118.2
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.12 ng
 RT: 9.93 min Scan# 1367
 Delta R.T. -0.04 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

Tgt Ion:232 Resp: 167869
 Ion Ratio Lower Upper
 232 100
 131 52.5 44.8 67.2
 130 2.4 2.3 3.5
 166 36.0 29.0 43.4

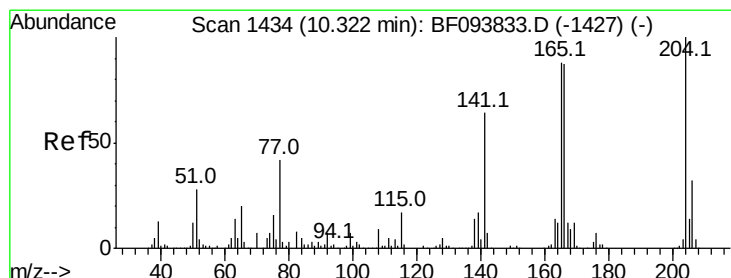
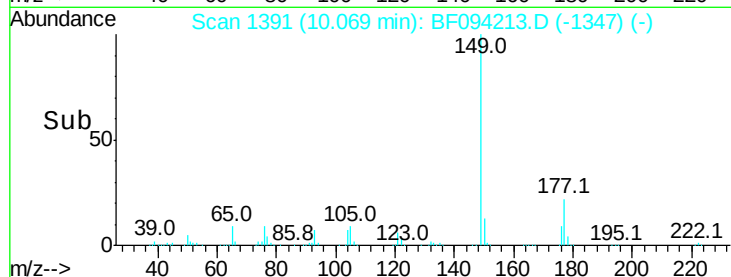
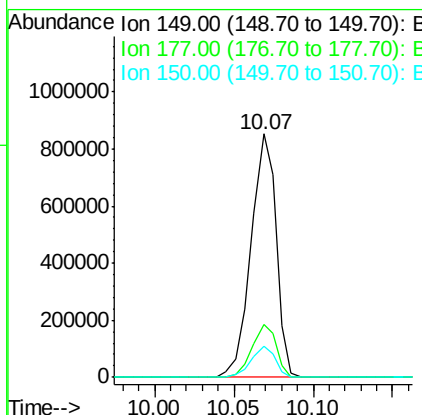
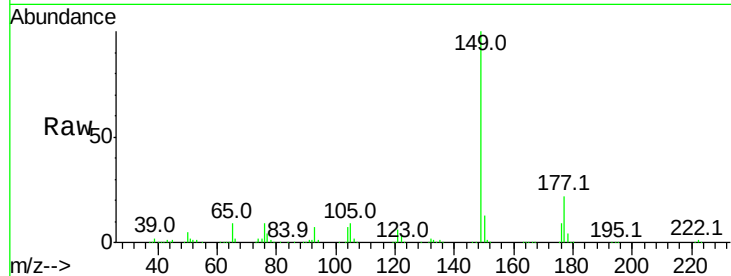




#59
Diethylphthalate
Concen: 41.29 ng
RT: 10.07 min Scan# 1391
Delta R.T. -0.04 min
Lab File: BF094213.D
Acq: 6 Apr 2017 3:11

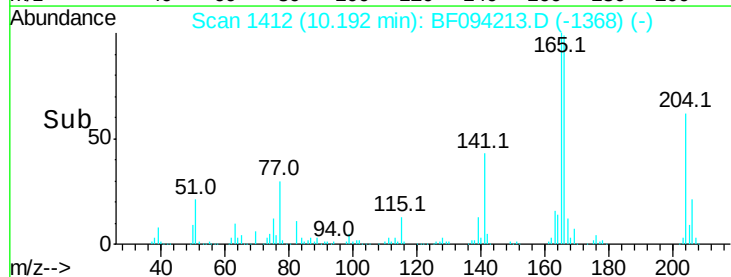
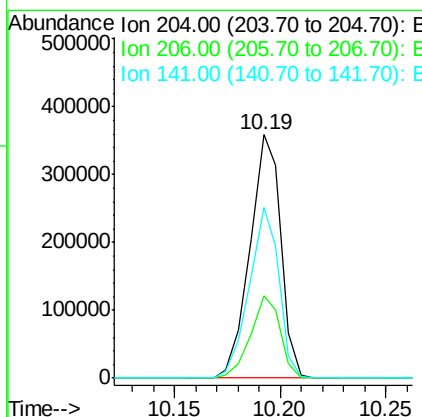
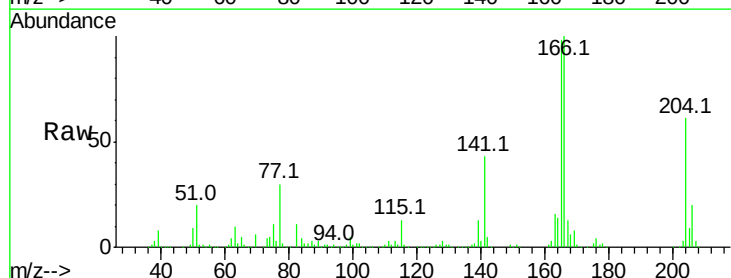
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

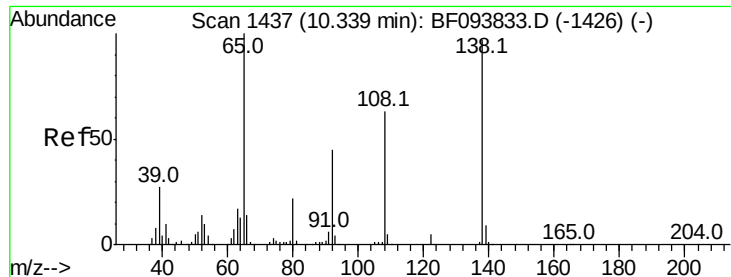
Tot Ion:149 Resp: 938332
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.18 ng
RT: 10.19 min Scan# 1412
Delta R.T. -0.04 min
Lab File: BF094213.D
Acq: 6 Apr 2017 3:11

Tgt Ion:204 Resp: 363586
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 70.1 60.8 91.2





#61

4-Nitroaniline

Concen: 42.38 ng

RT: 10.22 min Scan# 1417

Delta R.T. -0.05 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

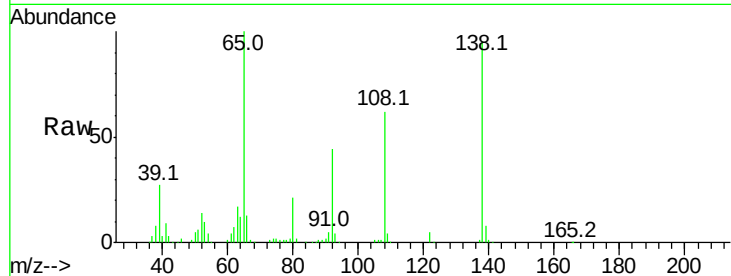
Tot Ion:138 Resp: 251664

Ion Ratio Lower Upper

138 100

92 46.9 21.8 61.8

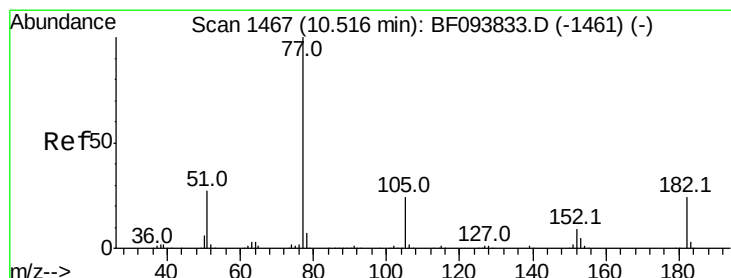
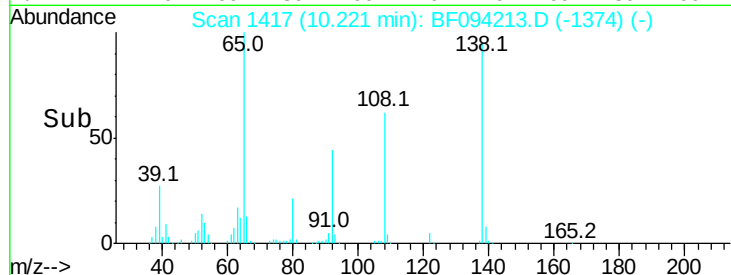
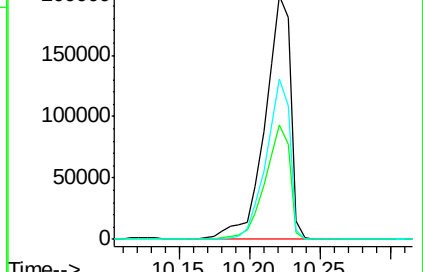
108 65.7 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.32 ng

RT: 10.39 min Scan# 1445

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

Tgt Ion: 77 Resp: 802106

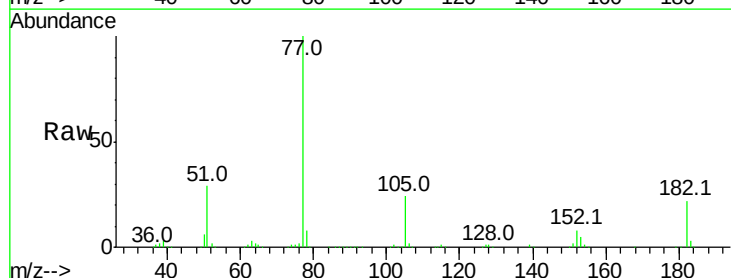
Ion Ratio Lower Upper

77 100

182 22.3 0.1 40.1

105 23.9 3.6 43.6

51 28.8 9.4 49.4

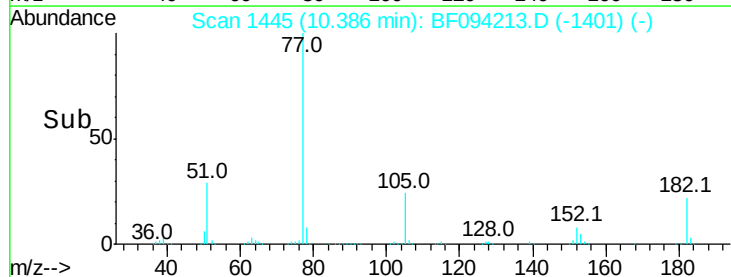
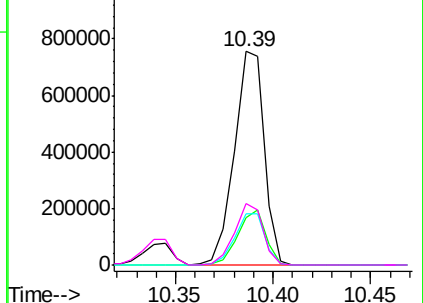


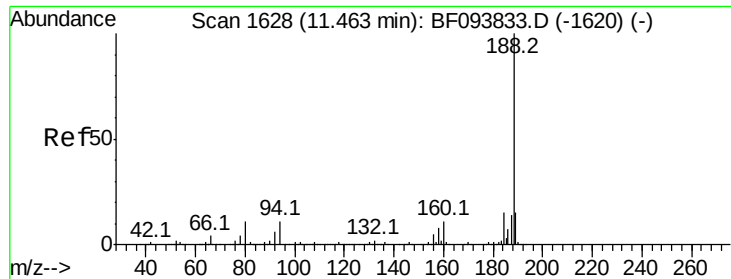
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

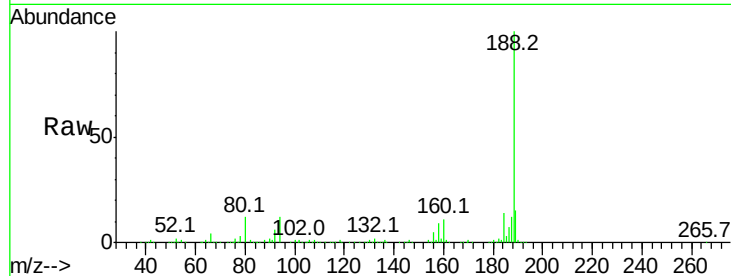




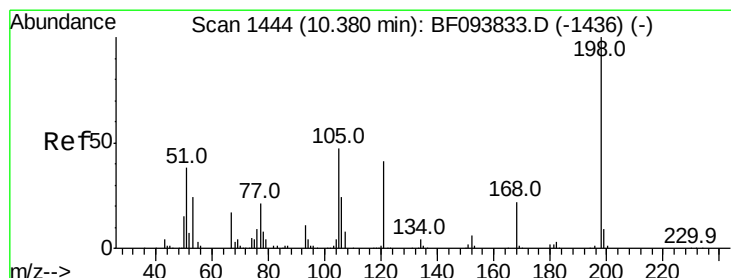
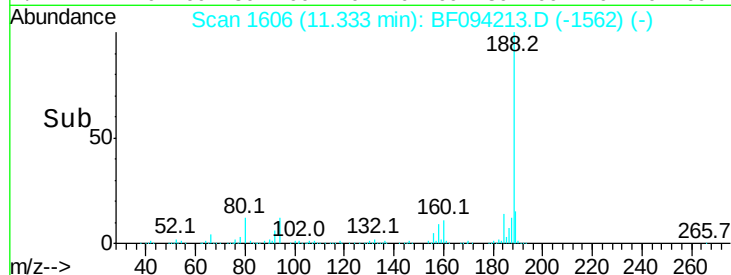
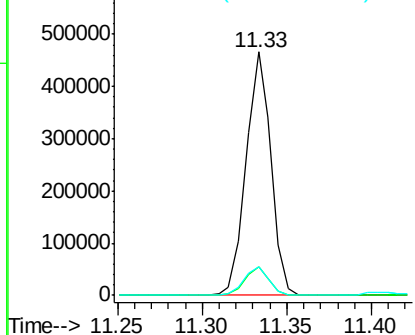
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1606
Delta R.T. -0.04 min
Lab File: BF094213.D
Acq: 6 Apr 2017 3:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 478621
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 11.7 10.2 15.2

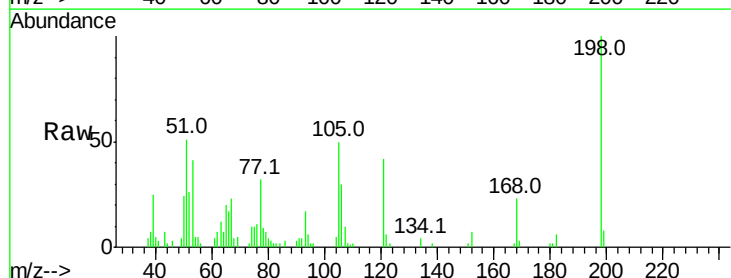


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

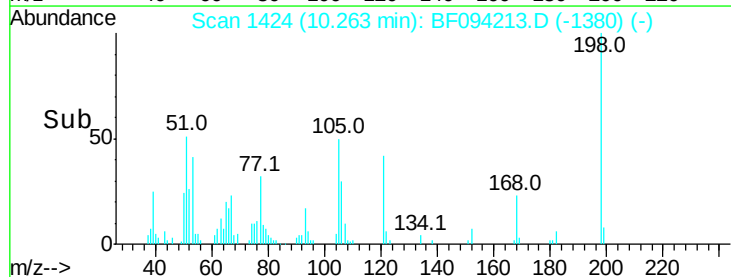
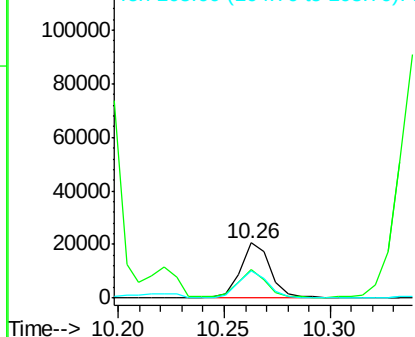


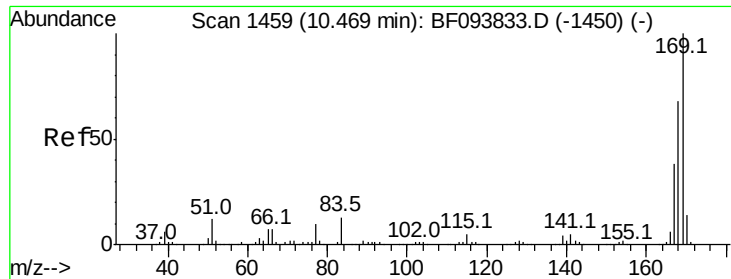
#64
4,6-Dinitro-2-methylphenol
Concen: 6.94 ng
RT: 10.26 min Scan# 1424
Delta R.T. -0.04 min
Lab File: BF094213.D
Acq: 6 Apr 2017 3:11

Tgt Ion:198 Resp: 20343
Ion Ratio Lower Upper
198 100
51 51.0 53.2 93.2#
105 50.1 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

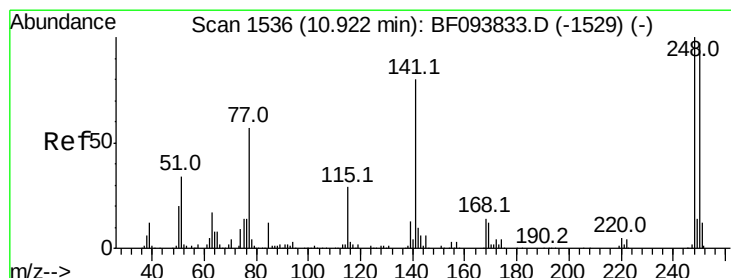
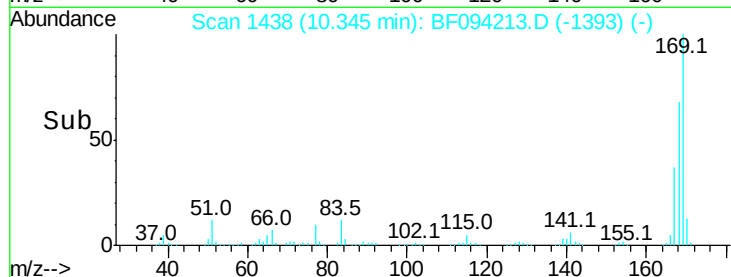
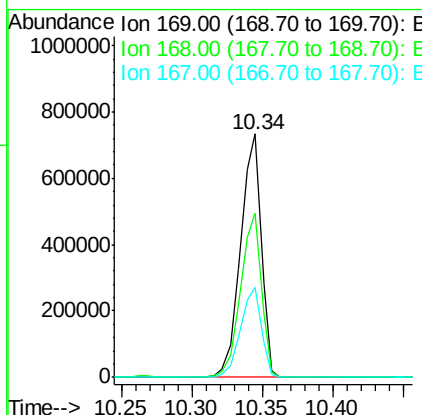
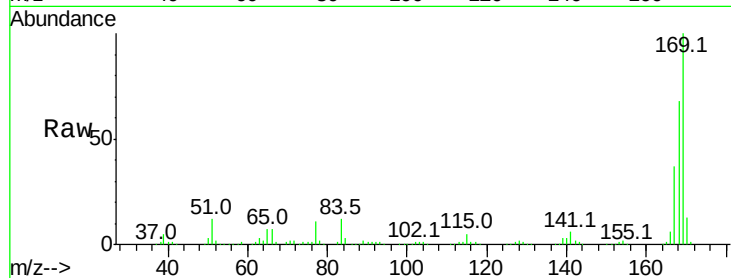




#65
 n-Nitrosodiphenylamine
 Concen: 45.28 ng
 RT: 10.34 min Scan# 1438
 Delta R.T. -0.04 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

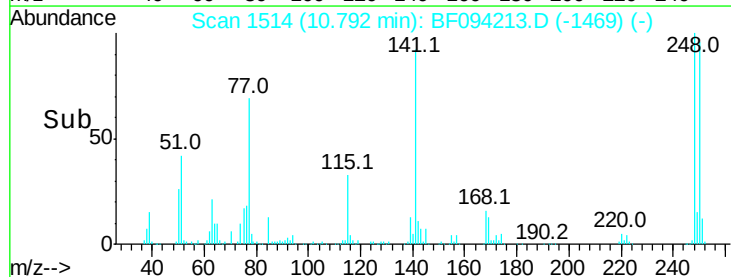
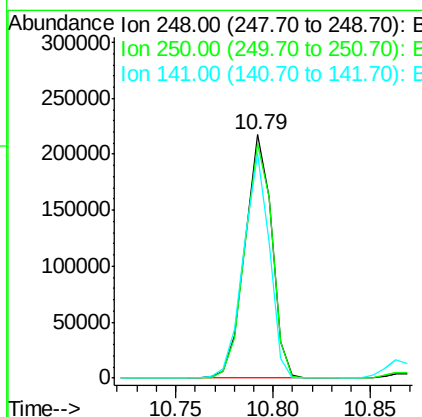
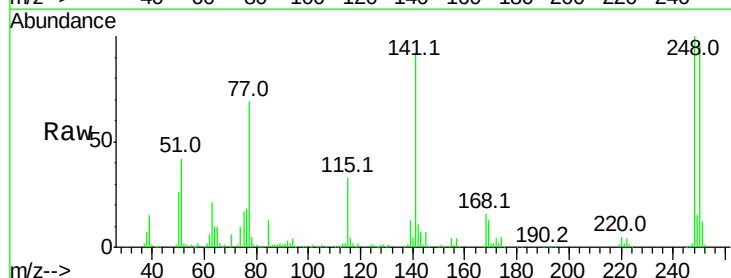
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

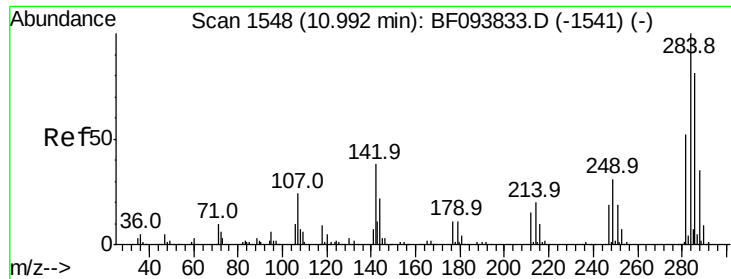
Tot Ion:169 Resp: 749398
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.2 79.8
 167 37.2 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 44.11 ng
 RT: 10.79 min Scan# 1514
 Delta R.T. -0.04 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

Tgt Ion:248 Resp: 207647
 Ion Ratio Lower Upper
 248 100
 250 96.2 76.8 115.2
 141 92.1 68.6 103.0

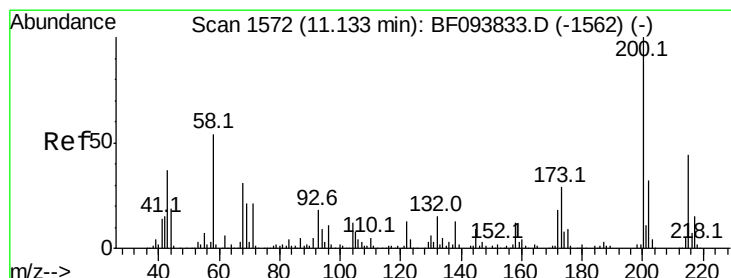
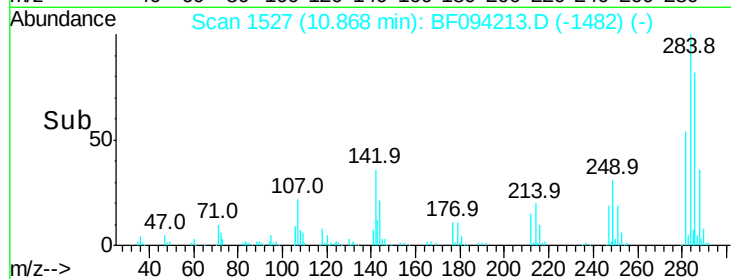
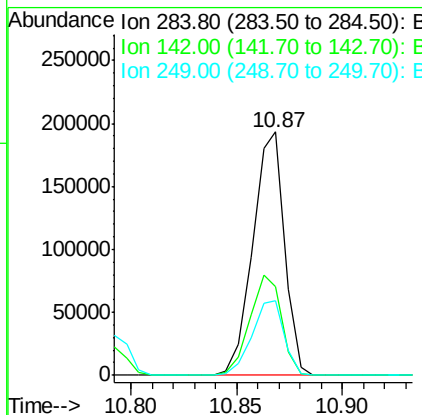
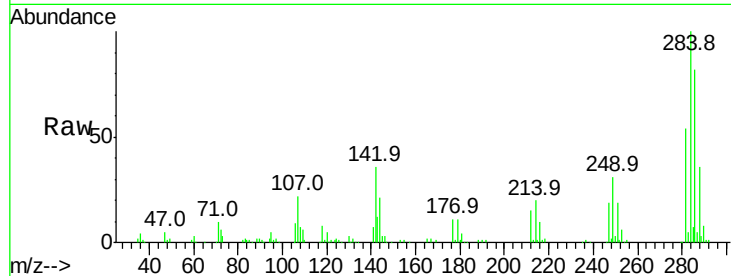




#67
Hexachlorobenzene
Concen: 42.34 ng
RT: 10.87 min Scan# 1527
Delta R.T. -0.04 min
Lab File: BF094213.D
Acq: 6 Apr 2017 3:11

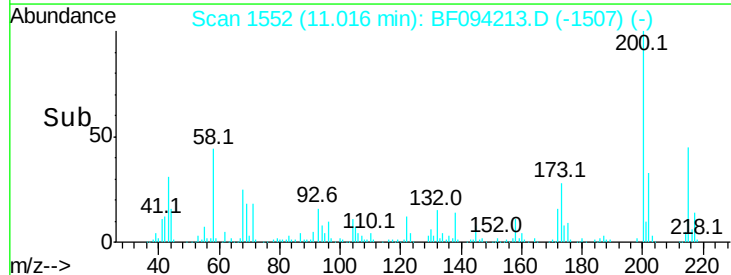
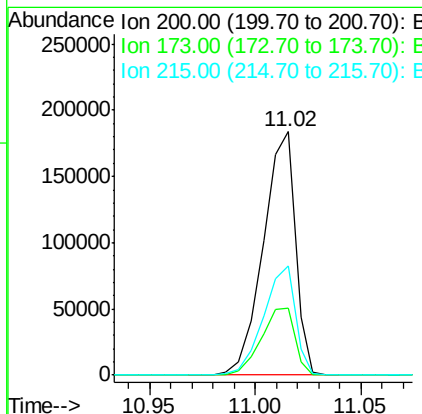
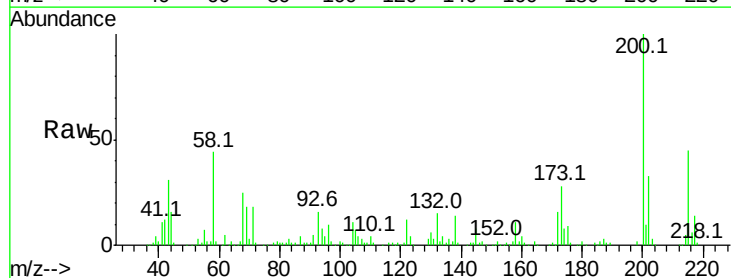
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

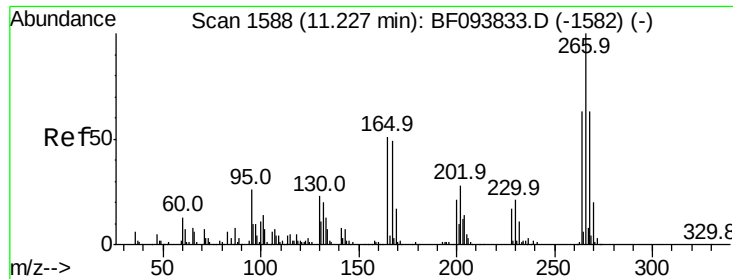
Tot Ion:284 Resp: 201737
Ion Ratio Lower Upper
284 100
142 36.3 22.8 34.2#
249 30.9 24.0 36.0



#68
Atrazine
Concen: 39.29 ng
RT: 11.02 min Scan# 1552
Delta R.T. -0.04 min
Lab File: BF094213.D
Acq: 6 Apr 2017 3:11

Tgt Ion:200 Resp: 194784
Ion Ratio Lower Upper
200 100
173 27.5 6.3 46.3
215 45.0 27.2 67.2





#69

Pentachlorophenol

Concen: 32.97 ng

RT: 11.11 min Scan# 1568

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

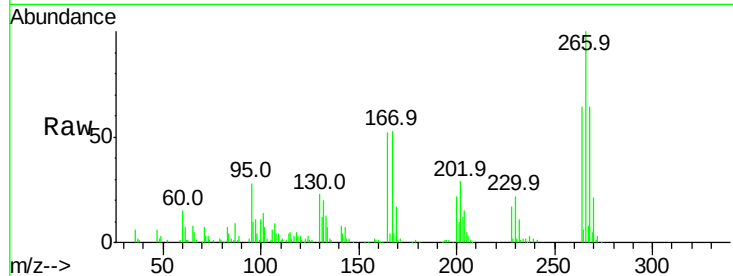
Tot Ion:266 Resp: 97790

Ion Ratio Lower Upper

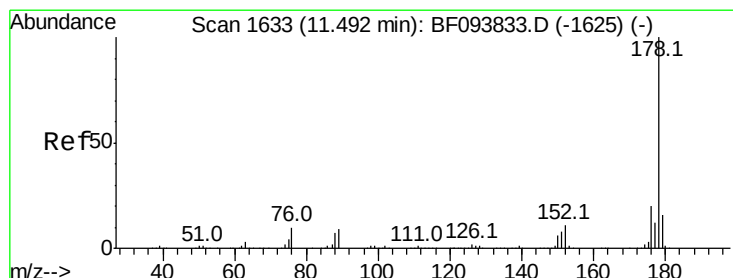
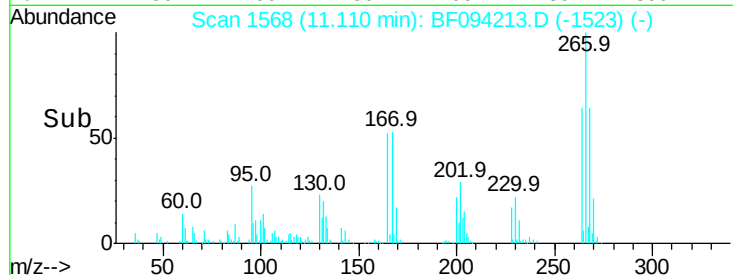
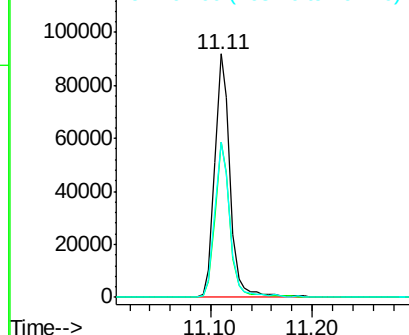
266 100

268 63.8 51.1 76.7

264 63.8 51.7 77.5



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.06 ng

RT: 11.36 min Scan# 1611

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

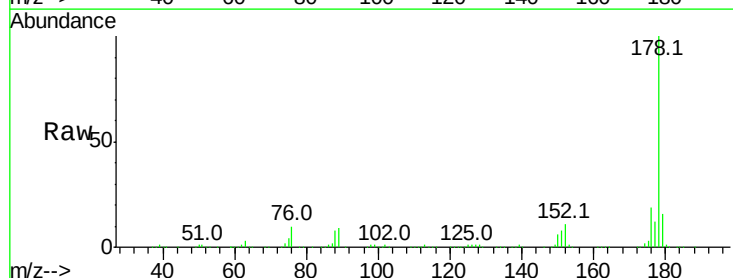
Tgt Ion:178 Resp: 1066631

Ion Ratio Lower Upper

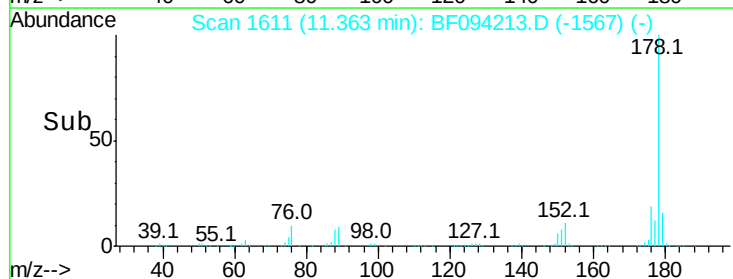
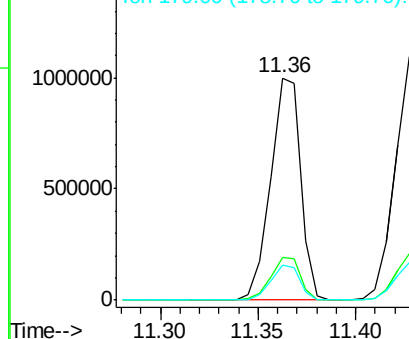
178 100

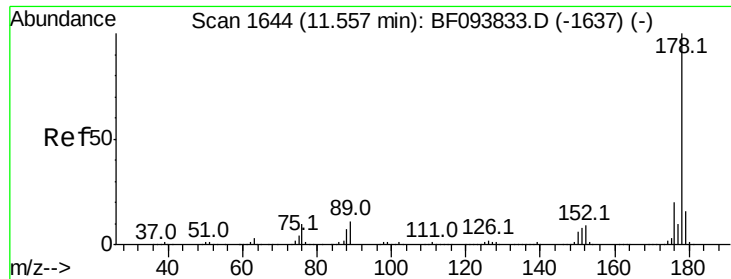
176 19.4 16.2 24.4

179 15.6 12.6 19.0



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

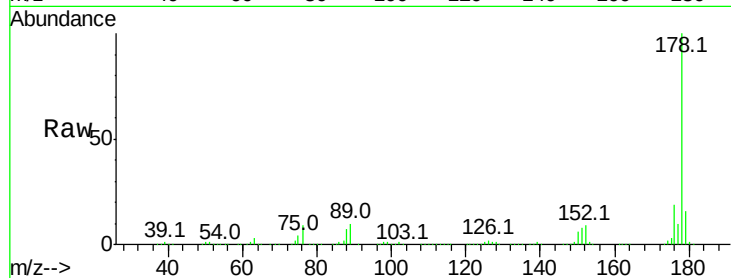




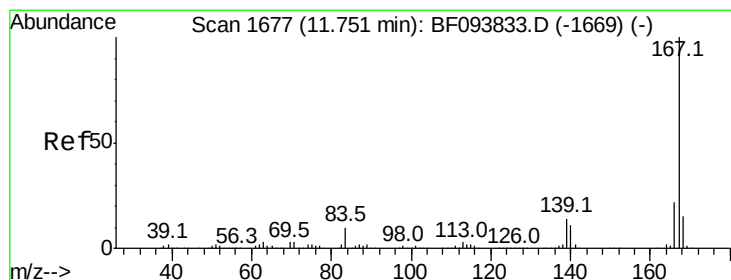
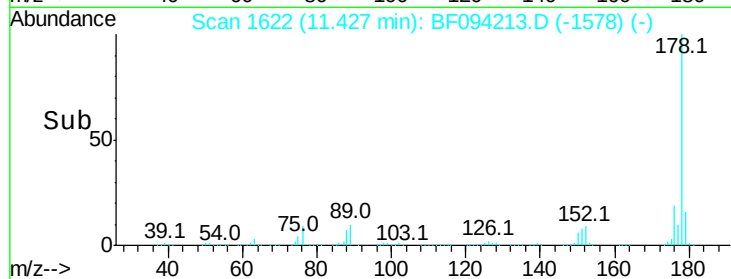
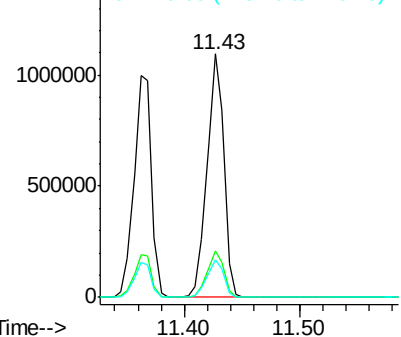
#71
 Anthracene
 Concen: 40.19 ng
 RT: 11.43 min Scan# 1622
 Delta R.T. -0.04 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1101672
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.6 12.7 19.1

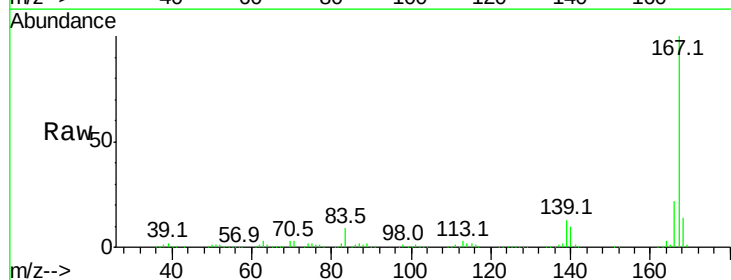


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

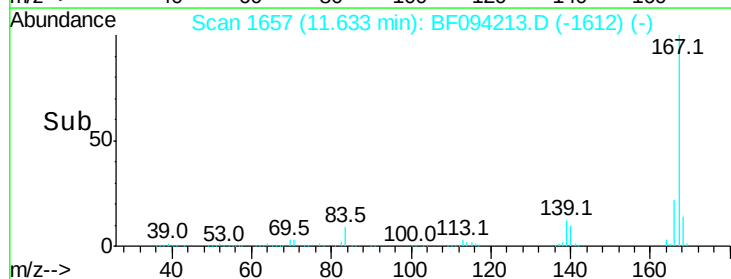
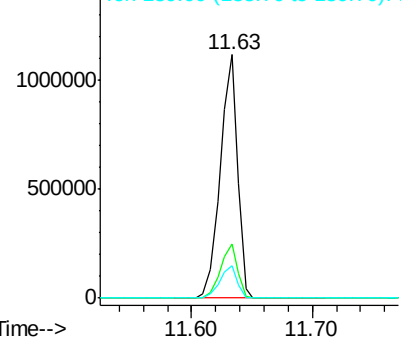


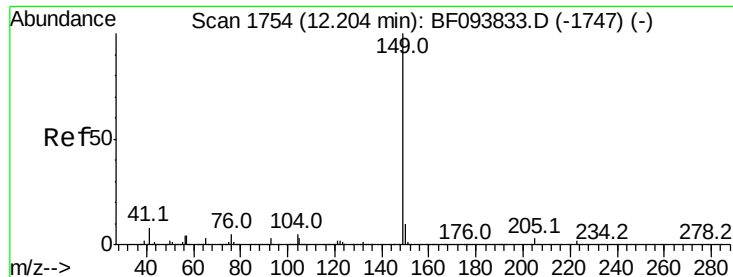
#72
 Carbazole
 Concen: 39.61 ng
 RT: 11.63 min Scan# 1657
 Delta R.T. -0.04 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

Tgt Ion:167 Resp: 1113496
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.3 11.7 17.5



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





#73

Di-n-butylphthalate

Concen: 43.78 ng

RT: 12.08 min Scan# 1733

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

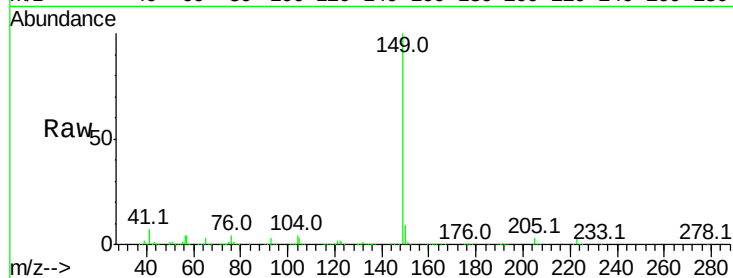
Tot Ion:149 Resp: 1279845

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

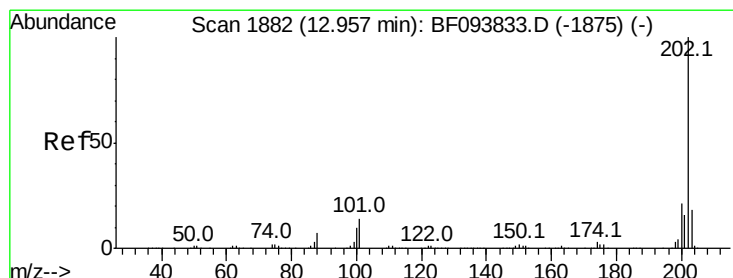
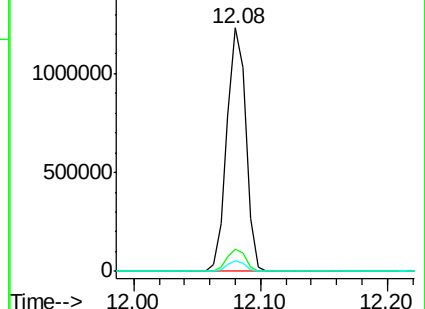
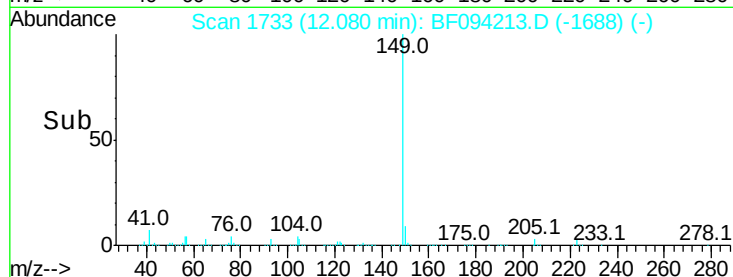
104 4.4 4.0 6.0



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: 38.35 ng

RT: 12.83 min Scan# 1860

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

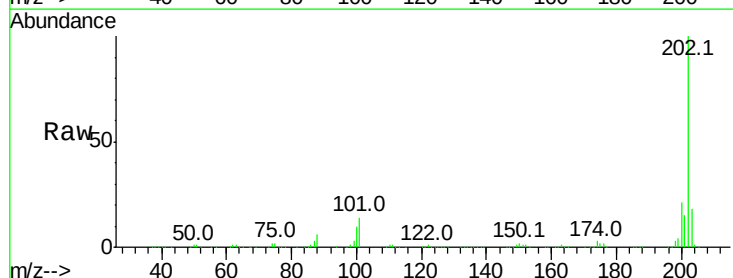
Tgt Ion:202 Resp: 1045535

Ion Ratio Lower Upper

202 100

101 13.8 0.0 33.2

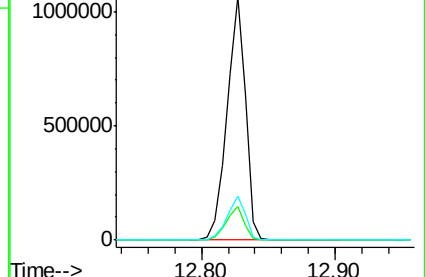
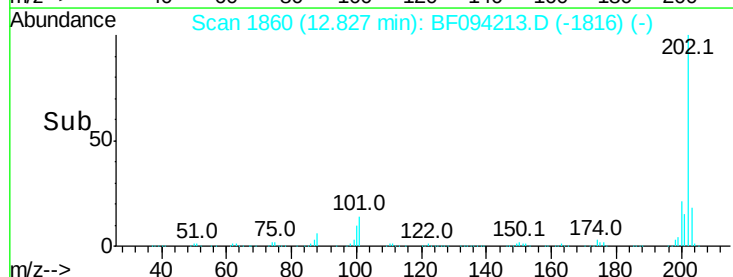
203 18.2 0.0 38.1

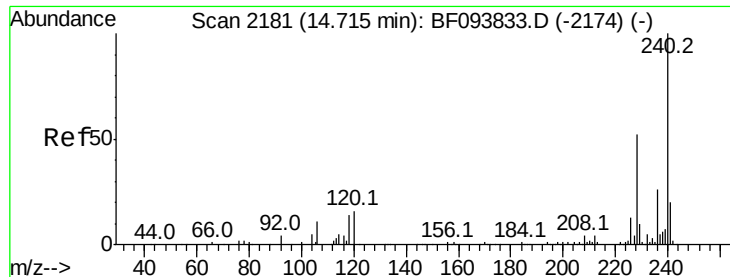


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.59 min Scan# 2160

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

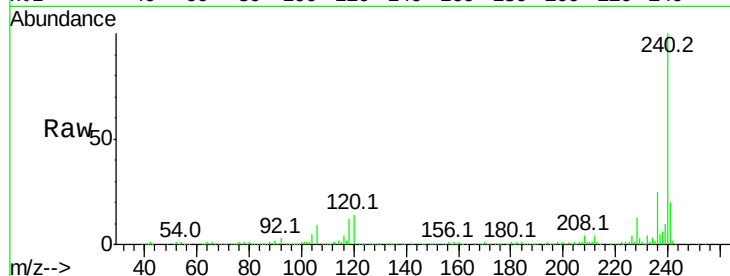
Tot Ion:240 Resp: 384593

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

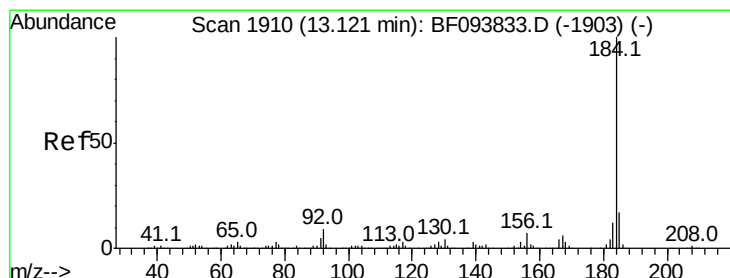
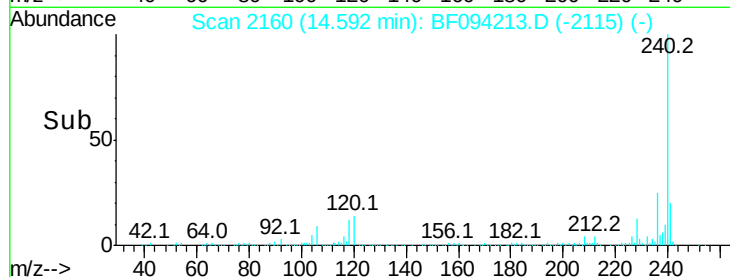
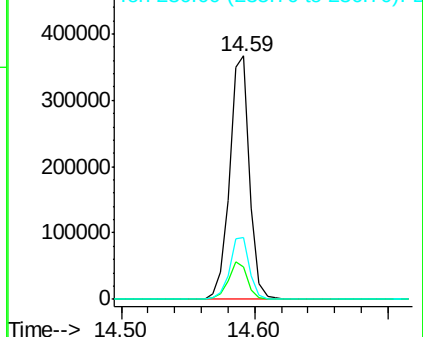
236 25.4 20.5 30.7



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: 38.74 ng

RT: 13.00 min Scan# 1889

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

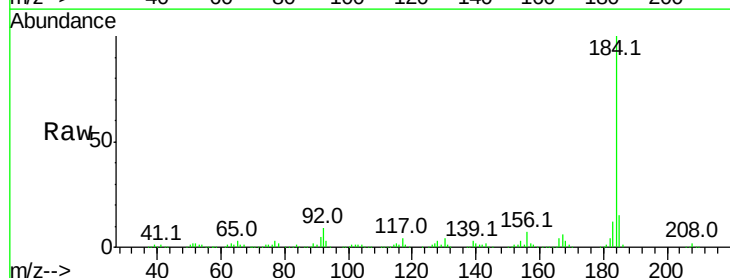
Tgt Ion:184 Resp: 589670

Ion Ratio Lower Upper

184 100

185 15.2 15.5 23.3#

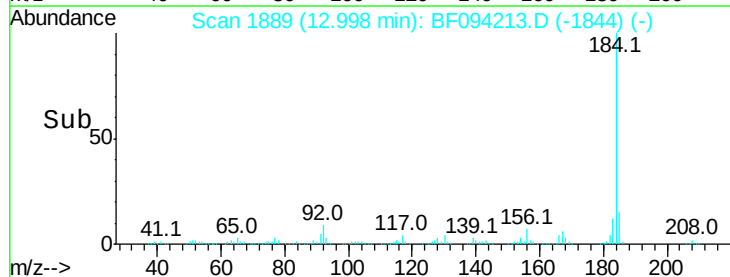
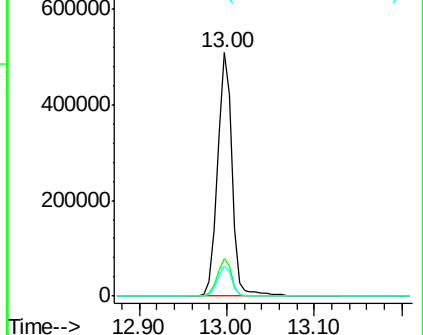
183 12.4 9.8 14.6

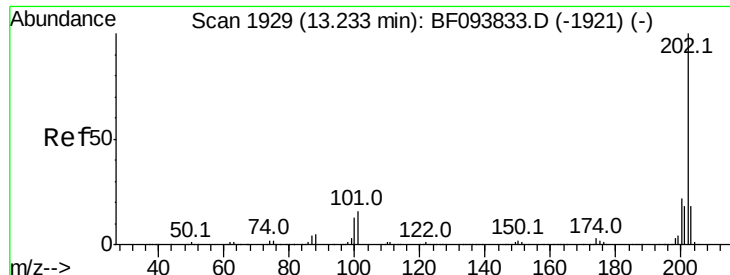


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

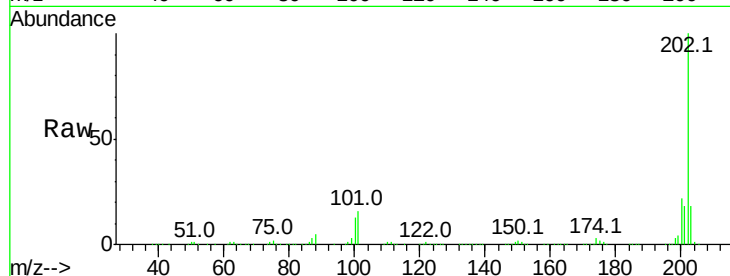




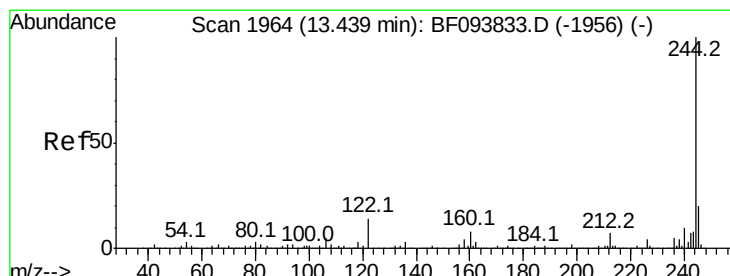
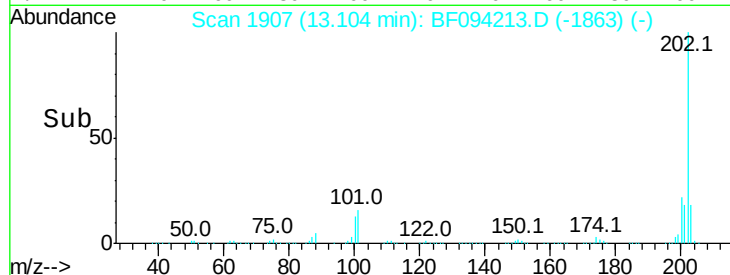
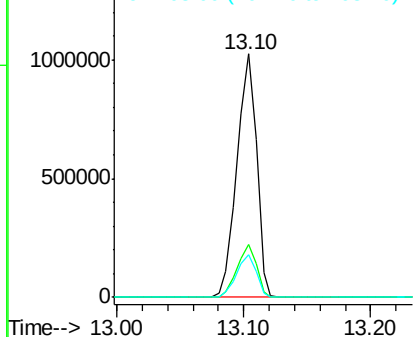
#77
Pvrene
Concen: 39.07 ng
RT: 13.10 min Scan# 1907
Delta R.T. -0.04 min
Lab File: BF094213.D
Acq: 6 Apr 2017 3:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1090583
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 17.7 14.4 21.6

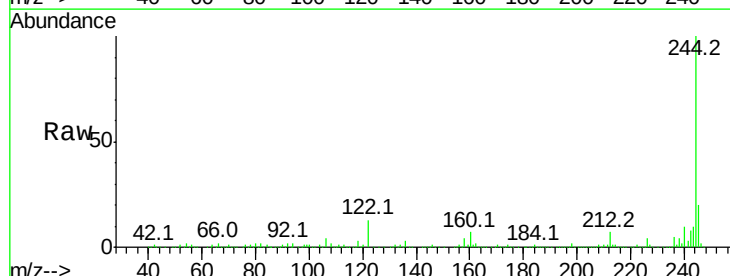


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

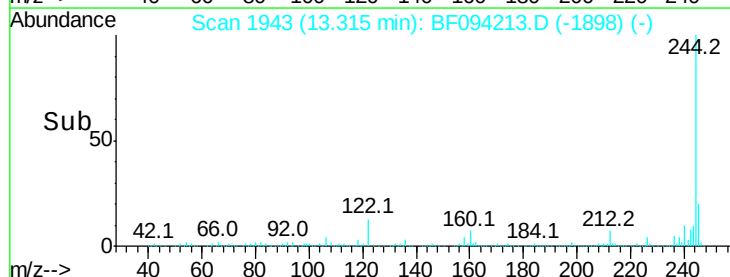
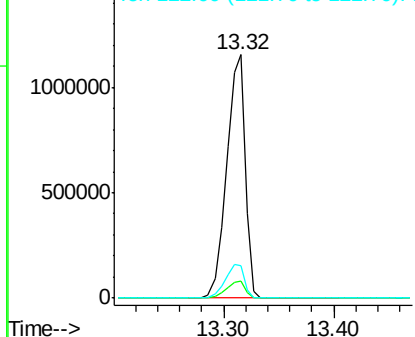


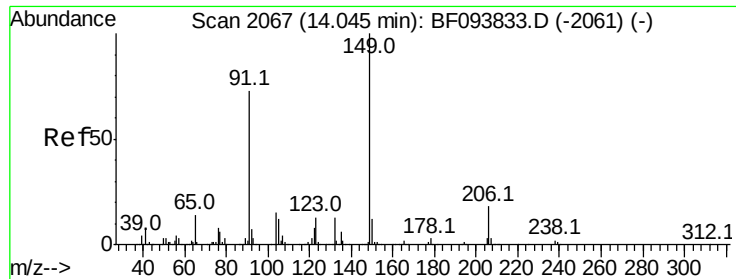
#78
Terphenyl-d14
Concen: 78.90 ng
RT: 13.32 min Scan# 1943
Delta R.T. -0.04 min
Lab File: BF094213.D
Acq: 6 Apr 2017 3:11

Tgt Ion:244 Resp: 1353785
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 13.1 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: 42.68 ng

RT: 13.92 min Scan# 2046

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

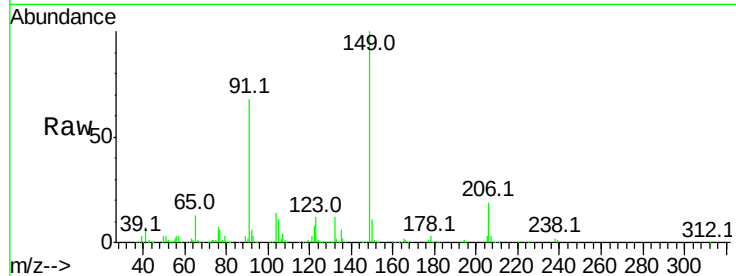
Tot Ion:149 Resp: 507618

Ion Ratio Lower Upper

149 100

91 68.3 45.0 67.4#

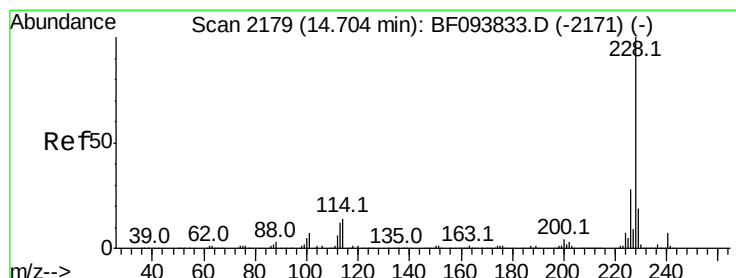
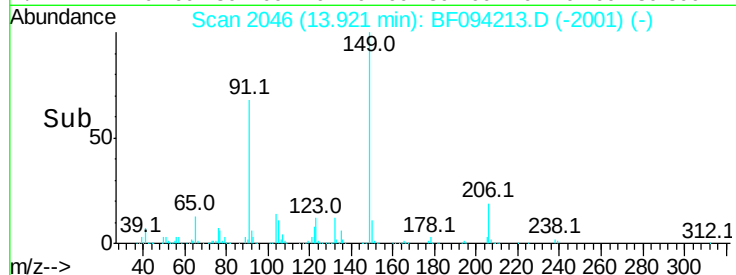
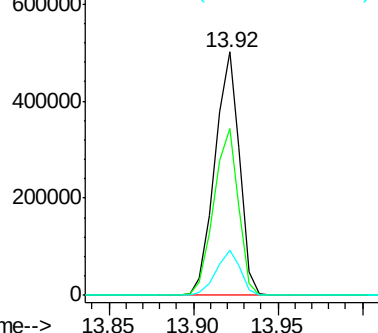
206 18.6 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.82 ng

RT: 14.57 min Scan# 2157

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

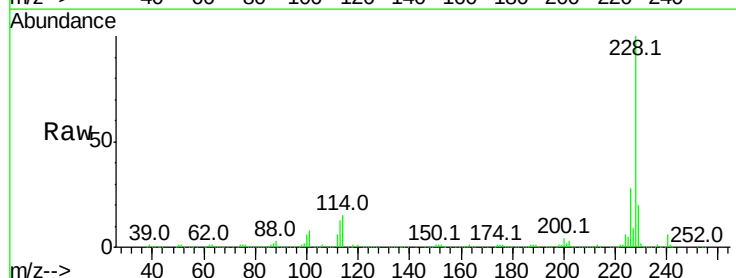
Tgt Ion:228 Resp: 915419

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

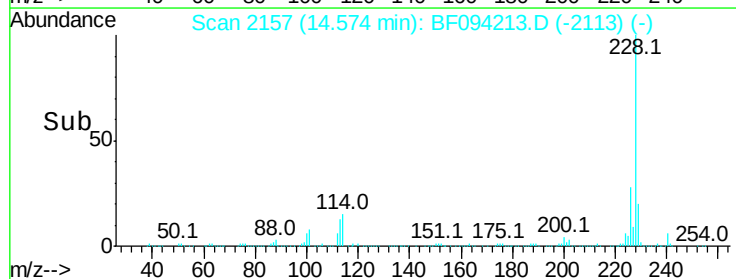
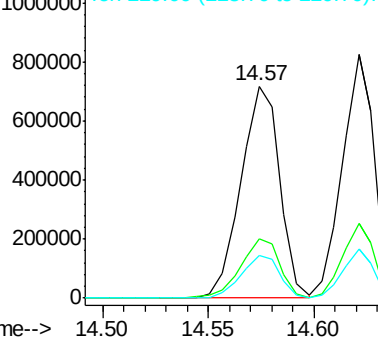
229 20.2 16.3 24.5

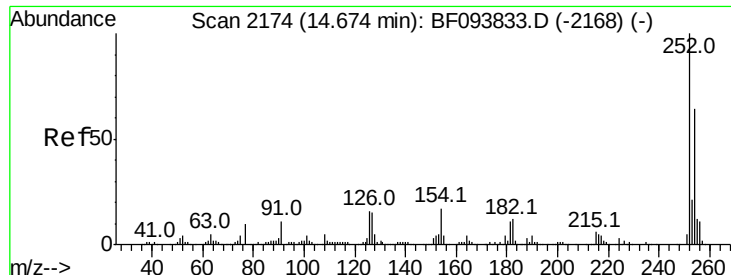


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

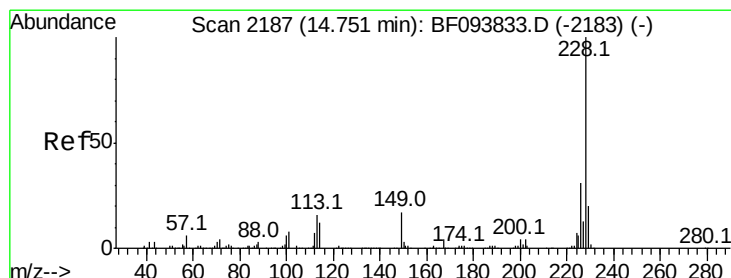
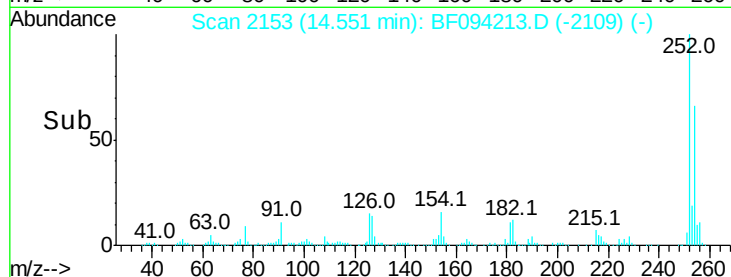
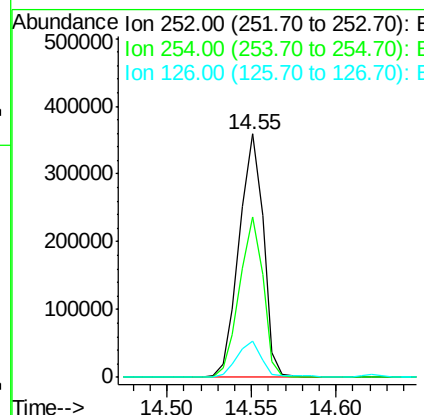
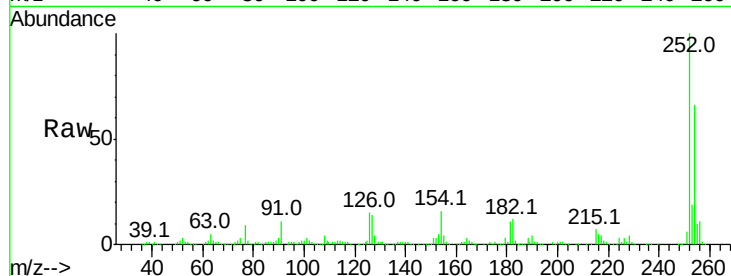




#81
 3,3'-Dichlorobenzidine
 Concen: 44.93 ng
 RT: 14.55 min Scan# 2153
 Delta R.T. -0.04 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

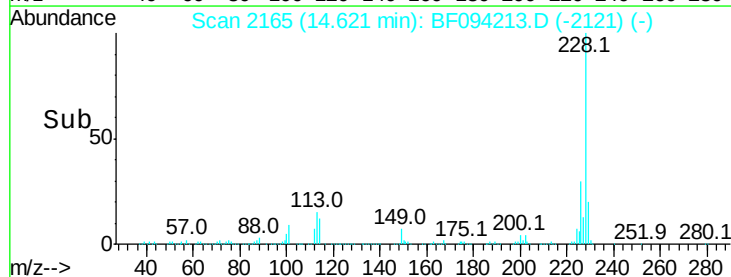
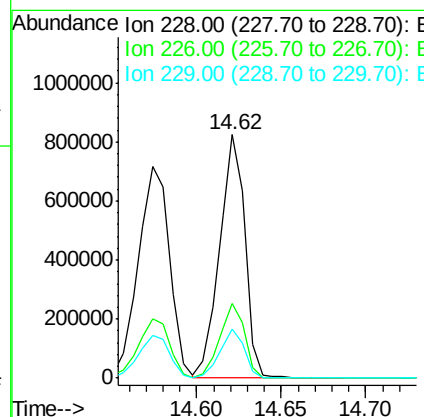
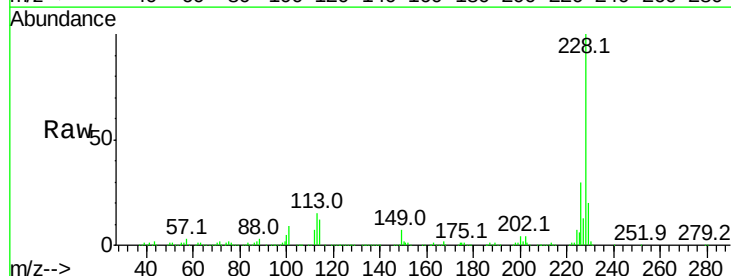
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

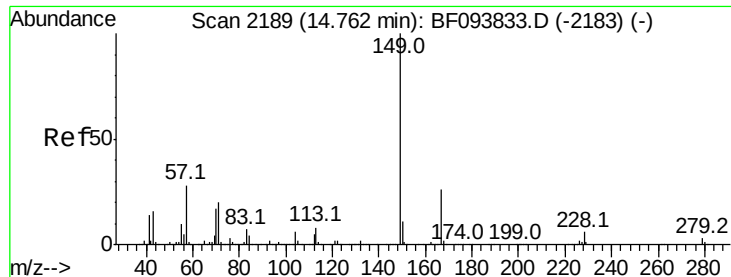
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.5	77.3
126	14.8	15.8	23.8#



#82
 Chrysene
 Concen: 41.33 ng
 RT: 14.62 min Scan# 2165
 Delta R.T. -0.04 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	20.0	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.21 ng

RT: 14.64 min Scan# 2168

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

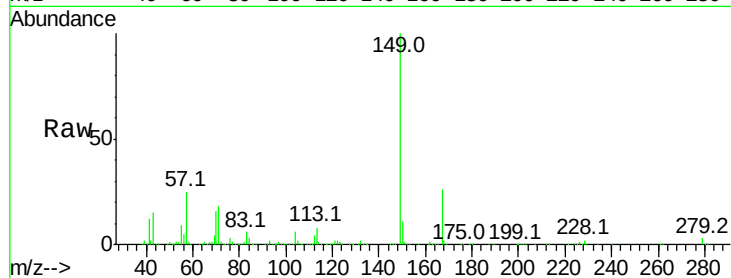
Tot Ion:149 Resp: 701160

Ion Ratio Lower Upper

149 100

167 25.6 21.0 31.4

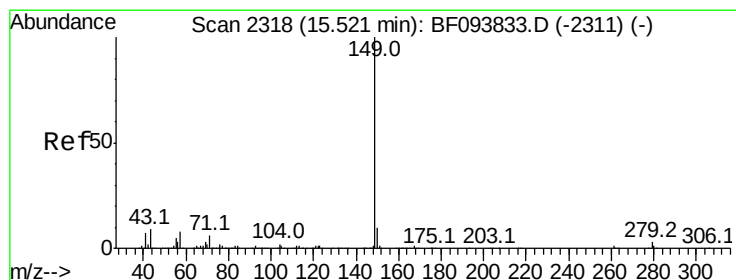
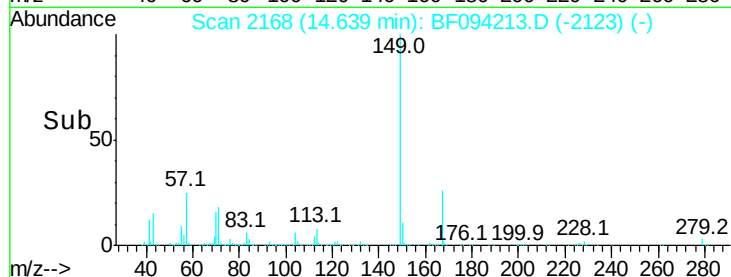
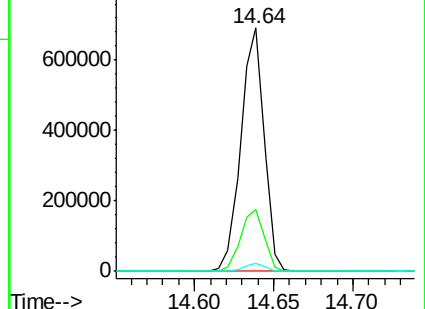
279 3.1 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.46 ng

RT: 15.39 min Scan# 2296

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

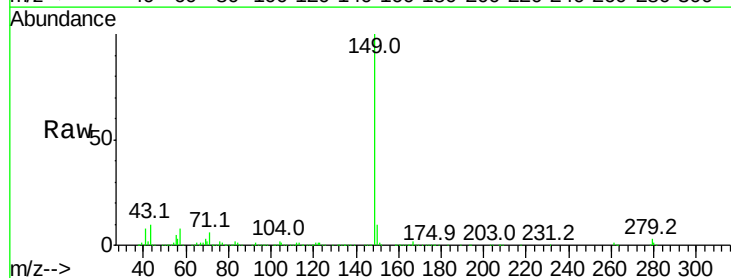
Tgt Ion:149 Resp: 1232195

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

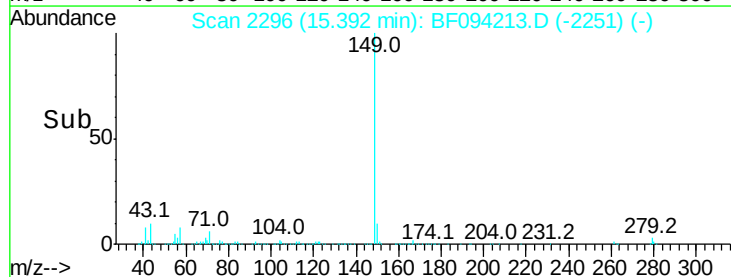
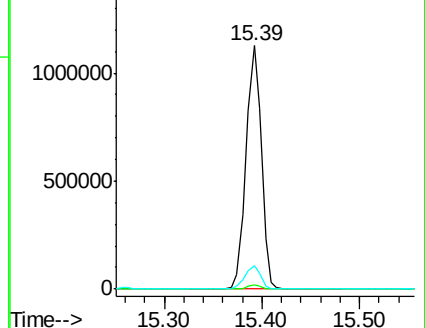
43 9.6 8.5 12.7

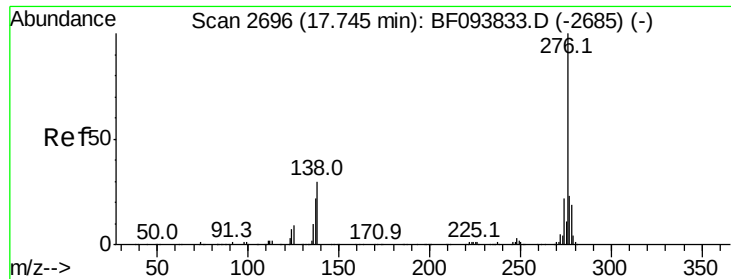


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

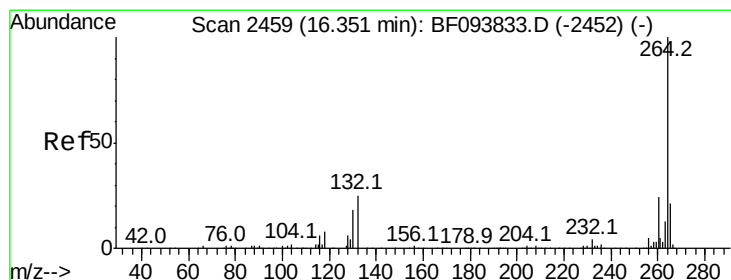
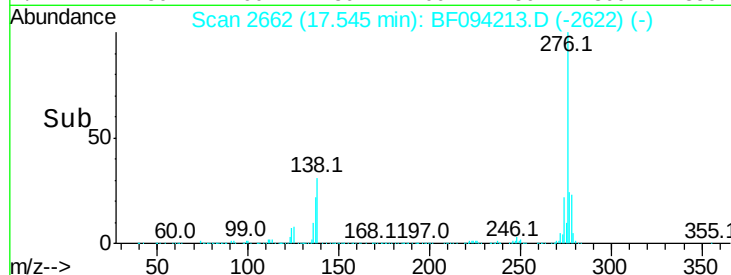
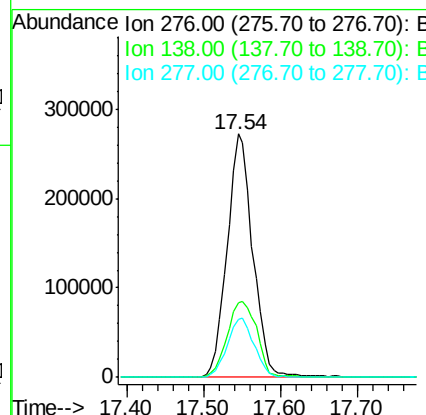
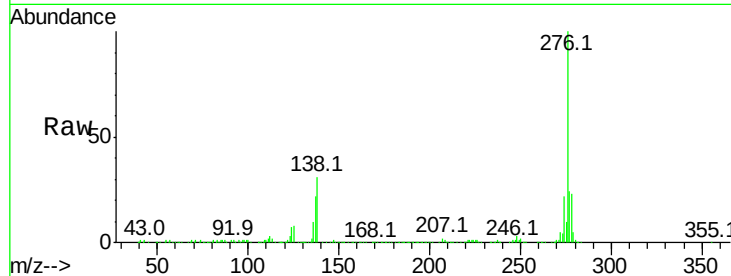




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.07 ng
 RT: 17.54 min Scan# 2662
 Delta R.T. -0.06 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

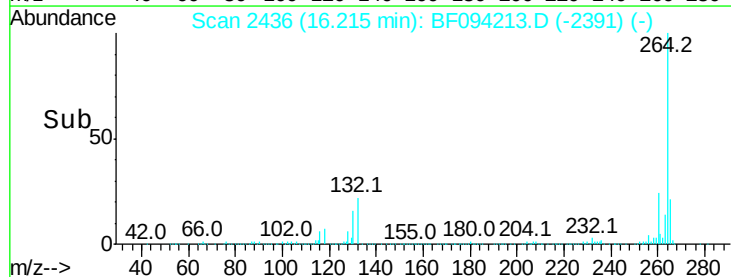
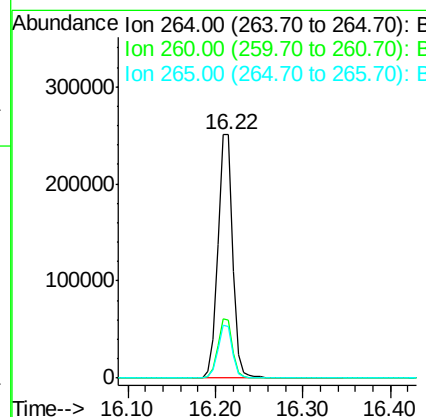
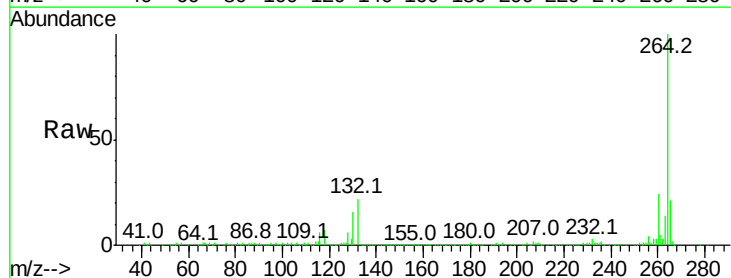
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

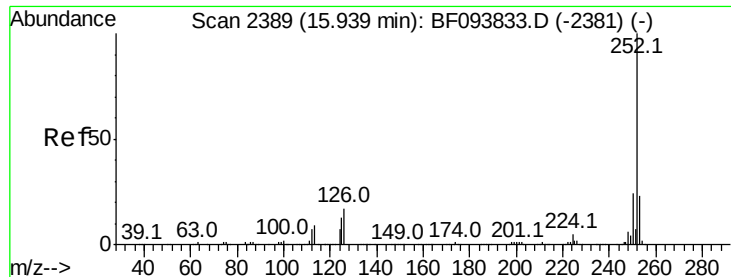
Tot Ion:276 Resp: 632031
 Ion Ratio Lower Upper
 276 100
 138 36.3 27.8 41.6
 277 25.7 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.22 min Scan# 2436
 Delta R.T. -0.04 min
 Lab File: BF094213.D
 Acq: 6 Apr 2017 3:11

Tgt Ion:264 Resp: 296636
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.3 17.2 25.8

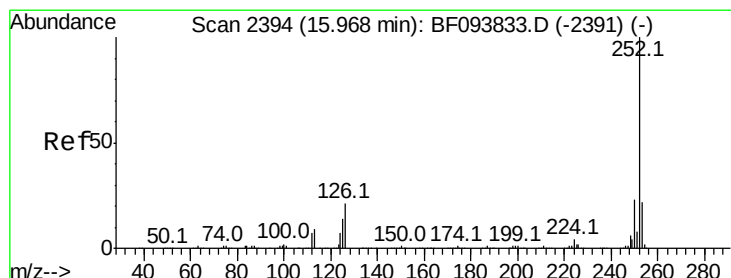
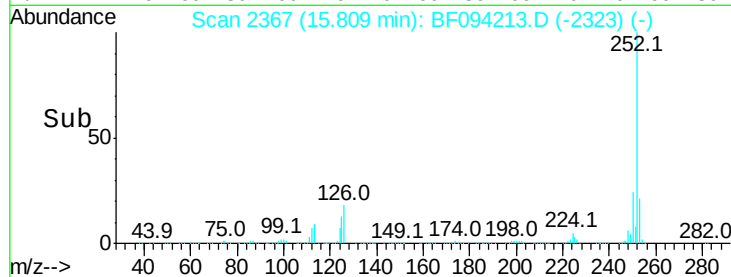
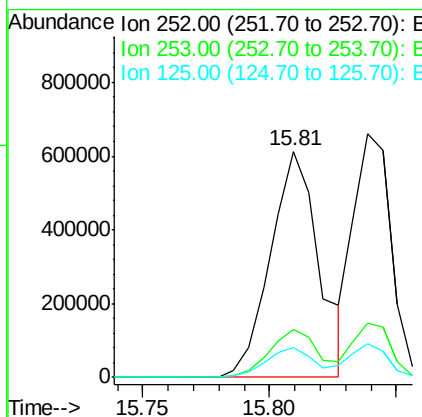
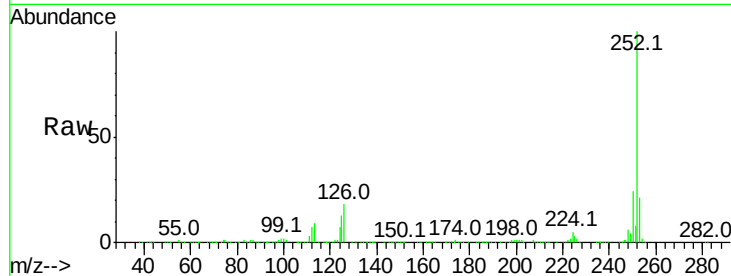




#87
Benzo(b)fluoranthene
Concen: 44.83 ng
RT: 15.81 min Scan# 2367
Delta R.T. -0.04 min
Lab File: BF094213.D
Acq: 6 Apr 2017 3:11

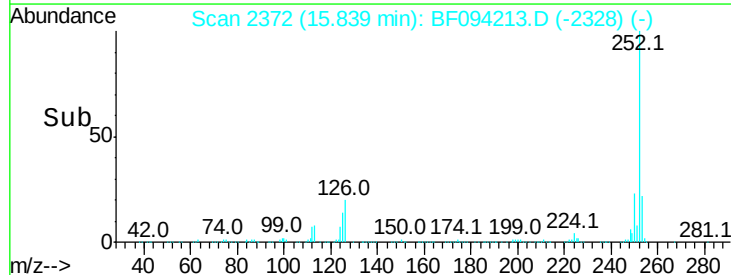
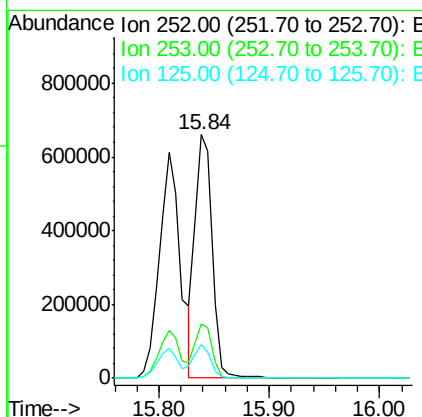
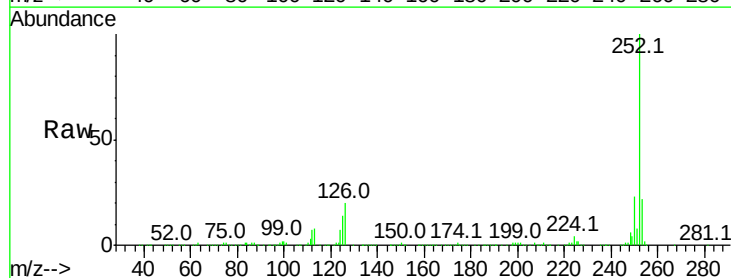
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

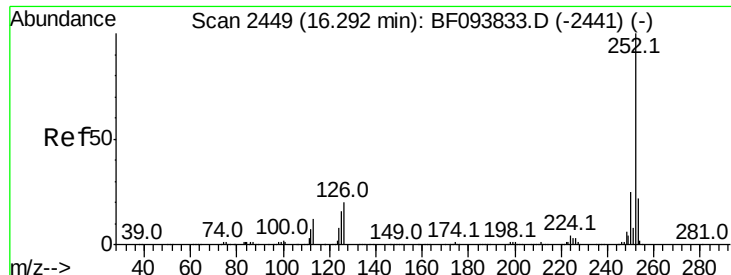
Tot Ion:252 Resp: 815124
Ion Ratio Lower Upper
252 100
253 21.2 18.1 27.1
125 13.4 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 39.00 ng
RT: 15.84 min Scan# 2372
Delta R.T. -0.04 min
Lab File: BF094213.D
Acq: 6 Apr 2017 3:11

Tgt Ion:252 Resp: 693840
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 14.0 13.1 19.7





#89

Benzo(a)pyrene

Concen: 40.09 ng

RT: 16.16 min Scan# 2426

Delta R.T. -0.04 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

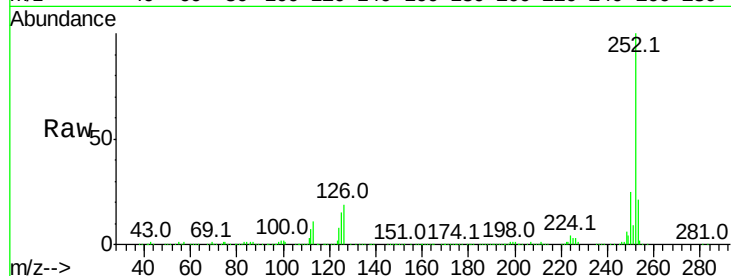
Tot Ion:252 Resp: 671250

Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

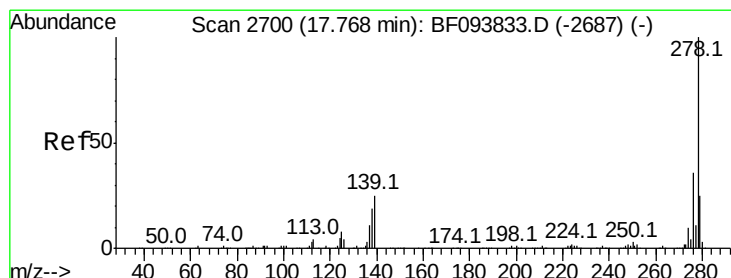
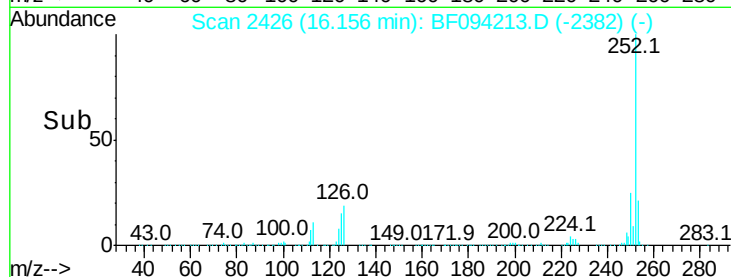
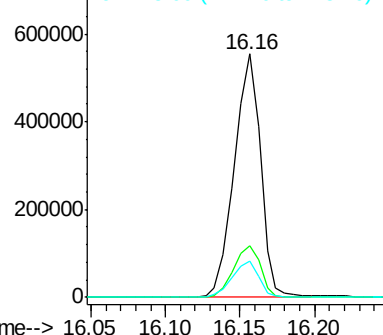
125 14.7 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.63 ng

RT: 17.57 min Scan# 2666

Delta R.T. -0.06 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

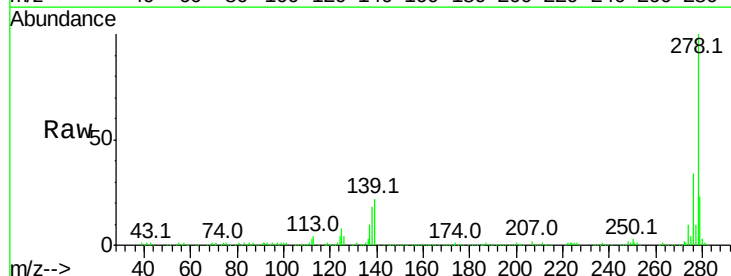
Tgt Ion:278 Resp: 547758

Ion Ratio Lower Upper

278 100

139 22.1 16.6 24.8

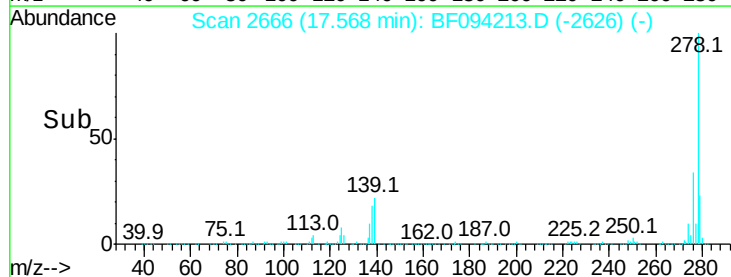
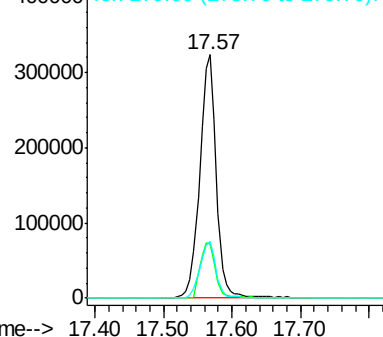
279 23.4 19.3 28.9

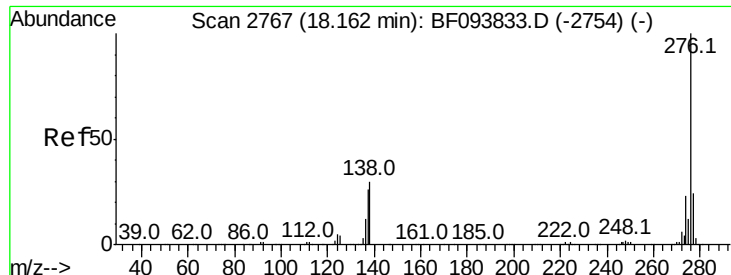


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 36.84 ng

RT: 17.94 min Scan# 2729

Delta R.T. -0.07 min

Lab File: BF094213.D

Acq: 6 Apr 2017 3:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

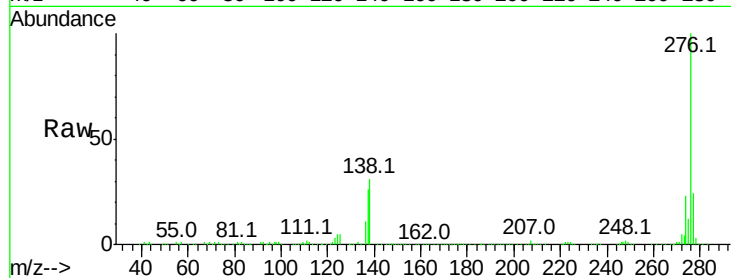
Tot Ion:276 Resp: 526522

Ion Ratio Lower Upper

276 100

277 24.3 18.6 28.0

138 30.5 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

