

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
 Data File : BF093733.D
 Acq On : 18 Mar 2017 5:32
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 18 06:24:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:21:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	202167	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	840209	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	390628	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	671499	20.00	ng	0.00
75) Chrysene-d12	13.99	240	439498	20.00	ng	-0.01
86) Perylene-d12	15.41	264	422404	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	962571	79.38	ng	0.00
7) Phenol-d6	6.48	99	1242303	82.66	ng	0.00
23) Nitrobenzene-d5	7.41	82	1127055	80.51	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	241861	94.60	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1715881	82.89	ng	0.00
78) Terphenyl-d14	12.95	244	1653674	80.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	248848	39.74	ng	100
3) Pyridine	3.16	79	701399	40.95	ng	98
4) n-Nitrosodimethylamine	3.10	42	298705	39.86	ng	100
6) Aniline	6.50	93	840716	39.13	ng	99
8) 2-Chlorophenol	6.63	128	529686	39.29	ng	100
9) Benzaldehyde	6.39	77	344836	42.92	ng	98
10) Phenol	6.49	94	766815	43.64	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	568738	41.07	ng	99
12) 1,3-Dichlorobenzene	6.79	146	602808	40.36	ng	100
13) 1,4-Dichlorobenzene	6.87	146	623505	40.76	ng	99
14) 1,2-Dichlorobenzene	7.02	146	535995	37.47	ng	99
15) Benzyl Alcohol	6.98	79	431011	38.31	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	828365	37.94	ng	100
17) 2-Methylphenol	7.10	107	467105	40.02	ng	99
18) Hexachloroethane	7.36	117	211934	39.00	ng	# 73
19) n-Nitroso-di-n-propylamine	7.27	70	396580	39.74	ng	99
20) 3+4-Methylphenols	7.26	107	524591	37.91	ng	98
22) Acetophenone	7.26	105	665061	35.53	ng	99
24) Nitrobenzene	7.43	77	601596	39.75	ng	99
25) Isophorone	7.67	82	1048739	38.92	ng	99
26) 2-Nitrophenol	7.75	139	284686	49.68	ng	99
27) 2,4-Dimethylphenol	7.78	122	491504	37.49	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	684008	40.21	ng	100
29) 2,4-Dichlorophenol	7.99	162	468947	41.63	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	472516	40.24	ng	98
31) Naphthalene	8.16	128	1635797	39.93	ng	99
32) Benzoic acid	7.90	122	325710	40.80	ng	98
33) 4-Chloroaniline	8.20	127	632562	36.87	ng	99
34) Hexachlorobutadiene	8.29	225	241289	39.24	ng	98
35) Caprolactam	8.57	113	157981	41.78	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	480063	40.47	ng	97
37) 2-Methylnaphthalene	8.85	142	1054793	39.75	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	412057	45.05	ng	99
40) Hexachlorocyclopentadiene	9.01	237	202531	44.32	ng	99

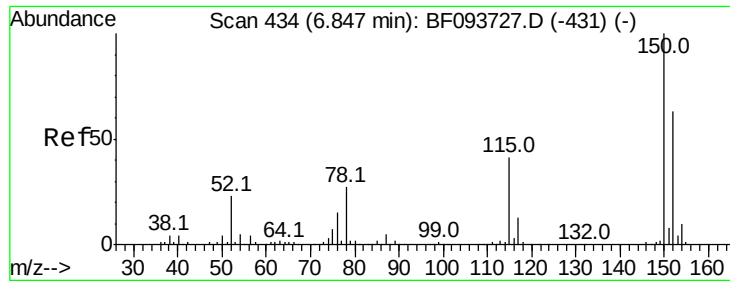
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
 Data File : BF093733.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	290310	43.04	nq	97
43) 2,4,5-Trichlorophenol	9.16	196	278968	40.12	nq	99
45) 1,1'-Biphenyl	9.32	154	1234879	45.09	nq	98
46) 2-Chloronaphthalene	9.34	162	956066	43.50	nq	99
47) 2-Nitroaniline	9.42	65	269636	42.40	nq	98
48) Acenaphthylene	9.75	152	1679500	46.86	nq	100
49) Dimethylphthalate	9.61	163	1071473	41.99	nq	100
50) 2,6-Dinitrotoluene	9.67	165	281642	51.10	nq	95
51) Acenaphthene	9.92	154	965524	45.71	nq	100
52) 3-Nitroaniline	9.83	138	272870	41.73	nq	99
53) 2,4-Dinitrophenol	9.93	184	95325	47.87	nq	88
54) Dibenzofuran	10.09	168	1339463	46.65	nq	100
55) 4-Nitrophenol	9.98	139	241542	48.97	nq	# 52
56) 2,4-Dinitrotoluene	10.07	165	371793	50.68	nq	98
57) Fluorene	10.44	166	1010298	43.38	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	234395	49.02	nq	99
59) Diethylphthalate	10.31	149	1050457	43.25	nq	100
60) 4-Chlorophenyl-phenylether	10.42	204	398821	40.64	nq	96
61) 4-Nitroaniline	10.45	138	306723	50.41	nq	99
62) Azobenzene	10.58	77	1013907	41.32	nq	99
64) 4,6-Dinitro-2-methylphenol	10.47	198	133370	38.10	nq	98
65) n-Nitrosodiphenylamine	10.54	169	874662	38.59	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	269224	42.41	nq	95
67) Hexachlorobenzene	10.98	284	285714	43.06	nq	98
68) Atrazine	11.08	200	289555	44.36	nq	99
69) Pentachlorophenol	11.17	266	167279	44.01	nq	99
70) Phenanthrene	11.38	178	1361882	35.87	nq	99
71) Anthracene	11.44	178	1570389	42.27	nq	100
72) Carbazole	11.59	167	1462607	37.61	nq	100
73) Di-n-butylphthalate	11.93	149	1559401	39.23	nq	100
74) Fluoranthene	12.57	202	1539240	41.84	nq	99
76) Benzidine	12.69	184	697935	40.64	nq	99
77) Pyrene	12.80	202	1660704	44.43	nq	100
79) Butylbenzylphthalate	13.43	149	718984	45.28	nq	100
80) Benzo(a)anthracene	13.98	228	1159609	41.11	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	407628	41.20	nq	99
82) Chrysene	14.03	228	1224696	44.92	nq	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	776418	44.47	nq	100
84) Di-n-octyl phthalate	14.60	149	1443770	44.86	nq	100
85) Indeno(1,2,3-cd)pyrene	16.78	276	972312	42.11	nq	99
87) Benzo(b)fluoranthene	15.01	252	1093266	40.83	nq	98
88) Benzo(k)fluoranthene	15.01	252	1093266	46.20	nq	# 94
89) Benzo(a)pyrene	15.35	252	959813	40.56	nq	100
90) Dibenzo(a,h)anthracene	16.80	278	827498	41.33	nq	100
91) Benzo(g,h,i)perylene	17.19	276	840205	41.27	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF093733.D

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Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

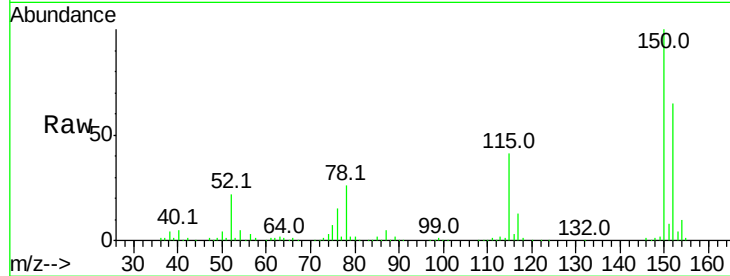
Tot Ion:152 Resp: 202167

Ion Ratio Lower Upper

152 100

150 153.9 126.2 189.2

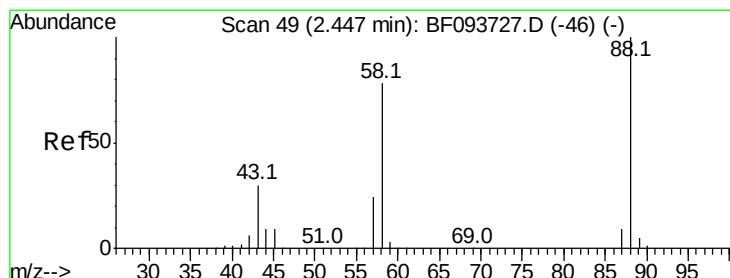
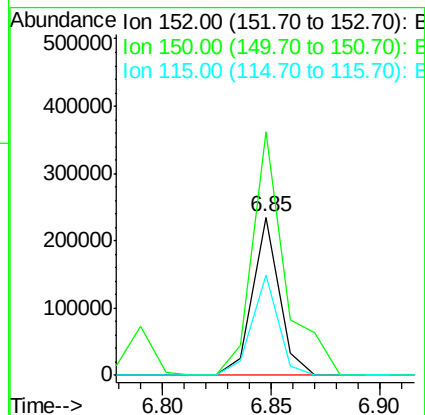
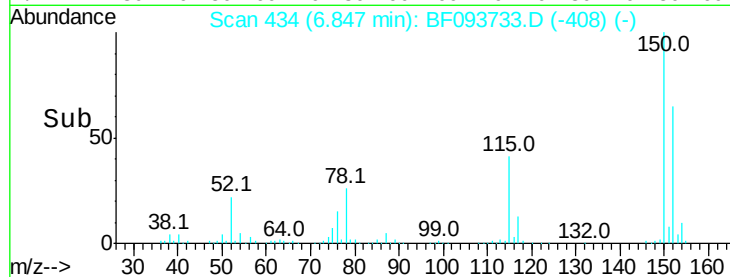
115 63.5 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.74 ng

RT: 2.45 min Scan# 49

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

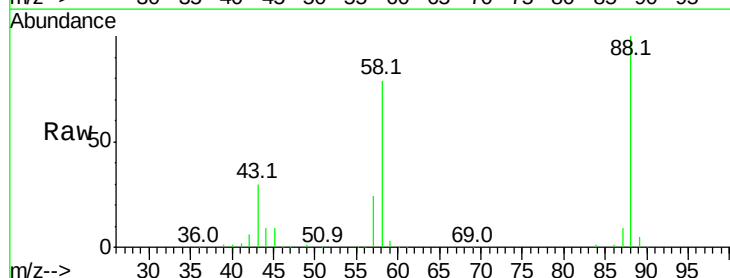
Tgt Ion: 88 Resp: 248848

Ion Ratio Lower Upper

88 100

58 76.3 61.4 92.0

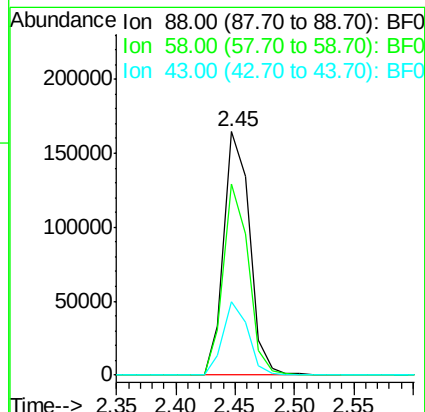
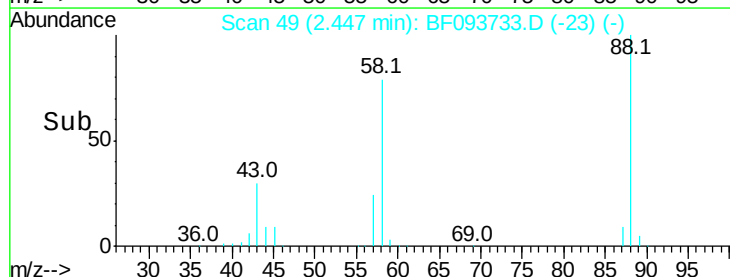
43 29.2 23.4 35.0

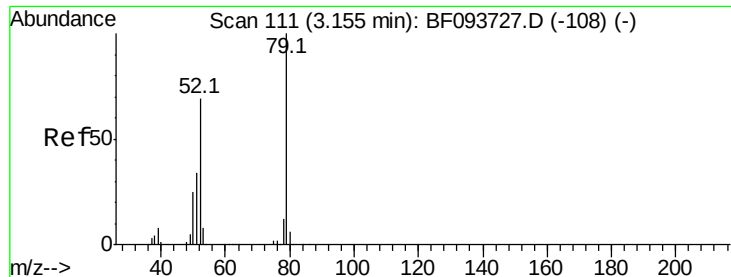


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

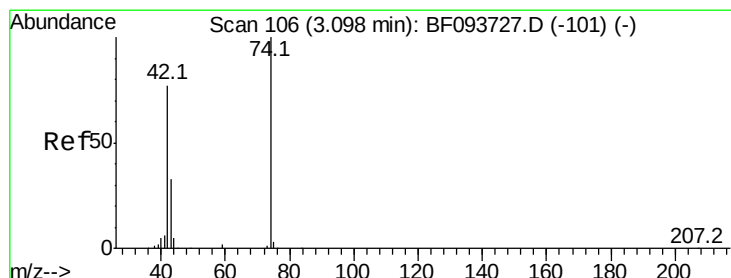
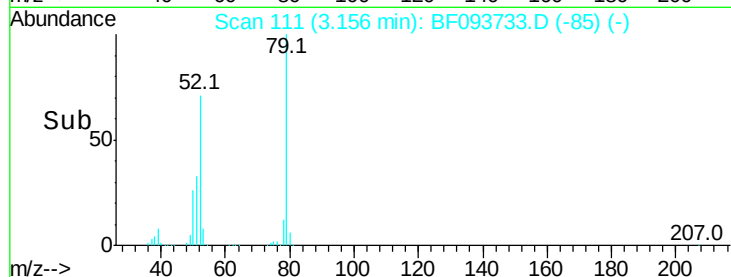
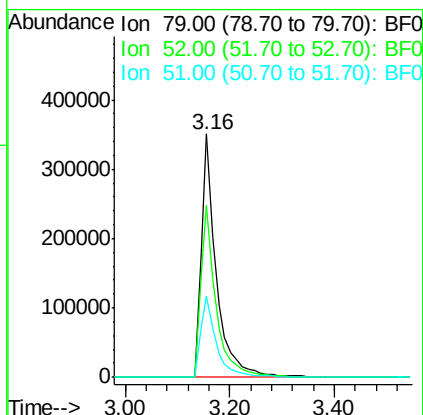
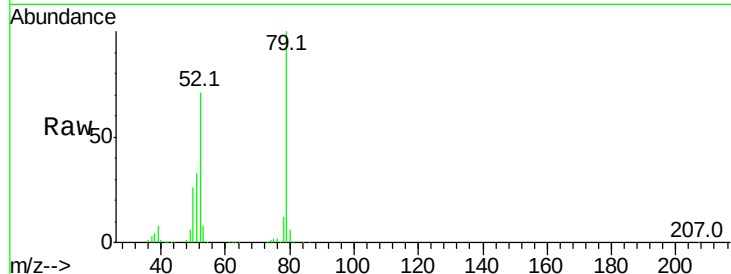




#3
 Pvridine
 Concen: 40.95 ng
 RT: 3.16 min Scan# 111
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

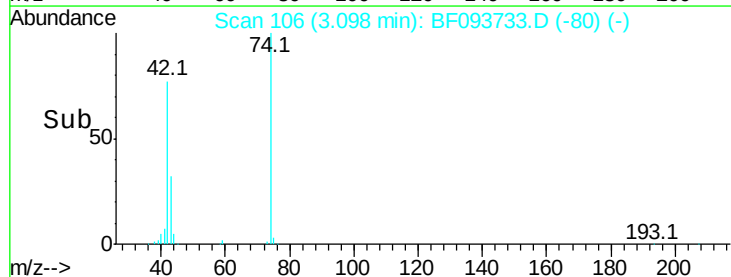
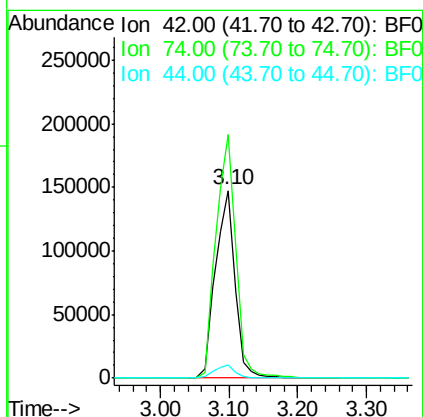
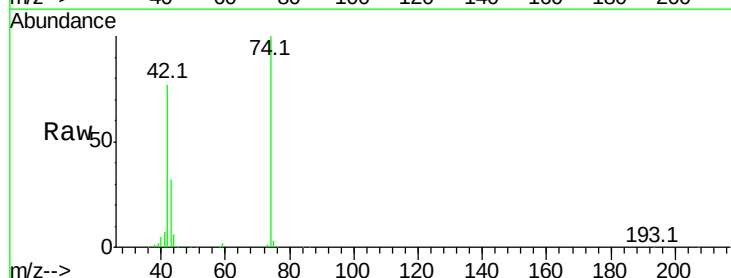
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

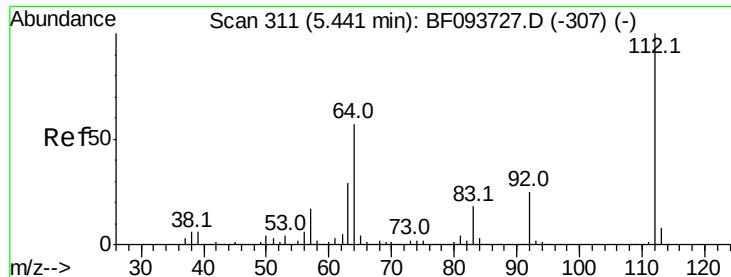
Tot Ion: 79 Resp: 701399
 Ion Ratio Lower Upper
 79 100
 52 70.5 54.8 82.2
 51 33.3 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 39.86 ng
 RT: 3.10 min Scan# 106
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Tgt Ion: 42 Resp: 298705
 Ion Ratio Lower Upper
 42 100
 74 129.7 103.9 155.9
 44 7.2 5.7 8.5





#5

2-Fluorophenol

Concen: 79.38 ng

RT: 5.44 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

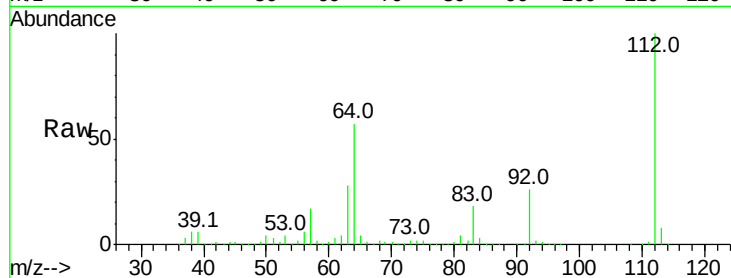
Tot Ion:112 Resp: 962571

Ion Ratio Lower Upper

112 100

64 57.5 46.0 69.0

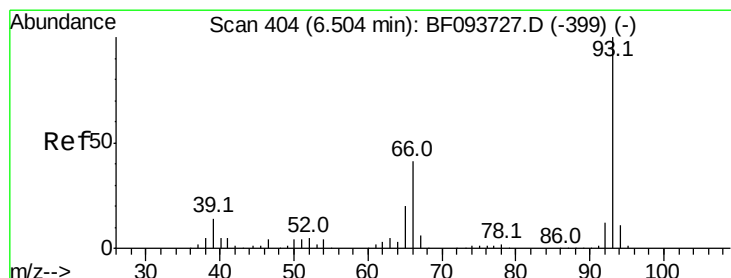
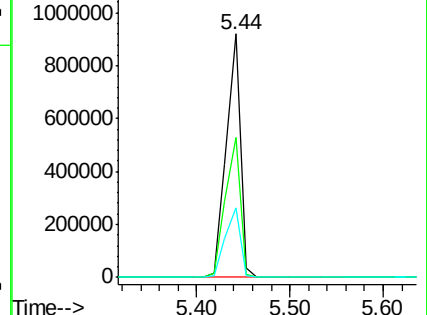
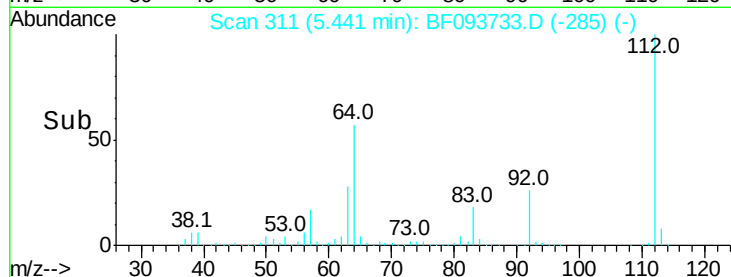
63 28.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.13 ng

RT: 6.50 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

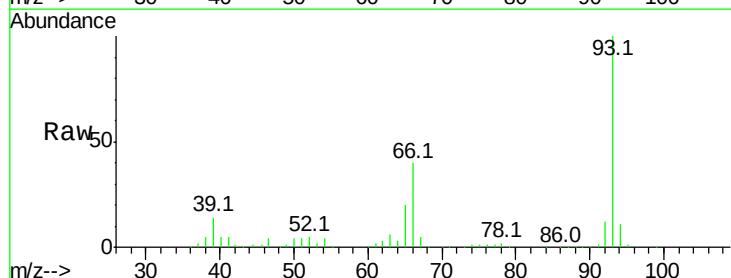
Tgt Ion: 93 Resp: 840716

Ion Ratio Lower Upper

93 100

66 40.4 32.9 49.3

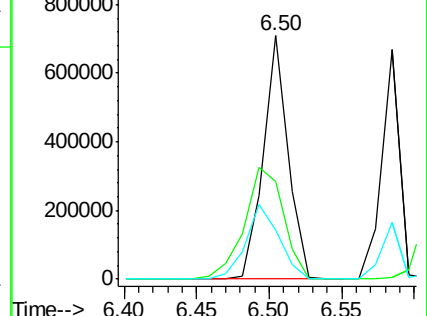
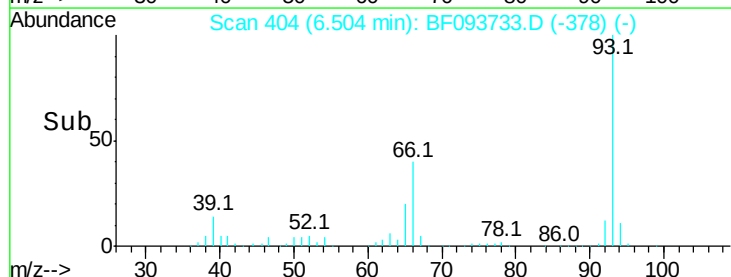
65 20.0 16.0 24.0

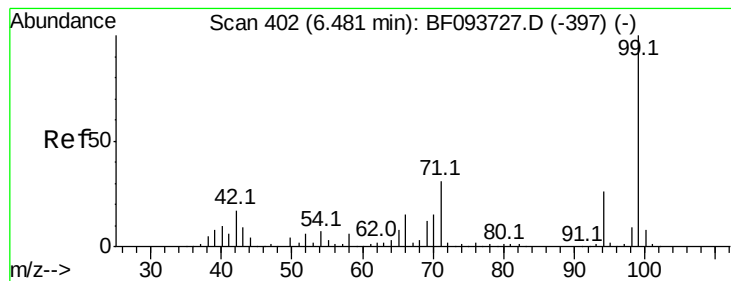


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.66 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

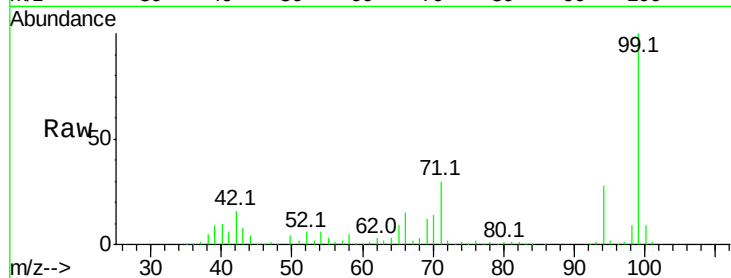
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1242303

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	30.0	24.5	36.7

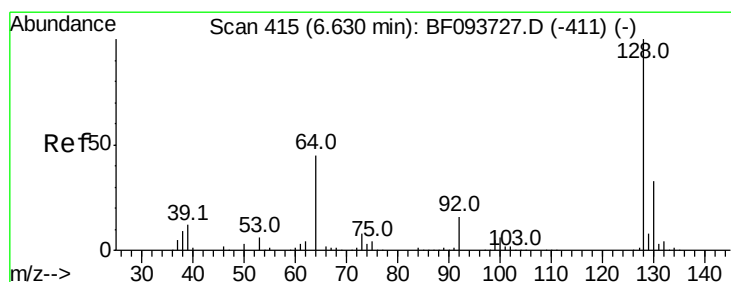
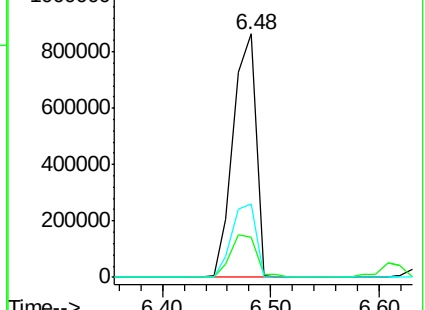
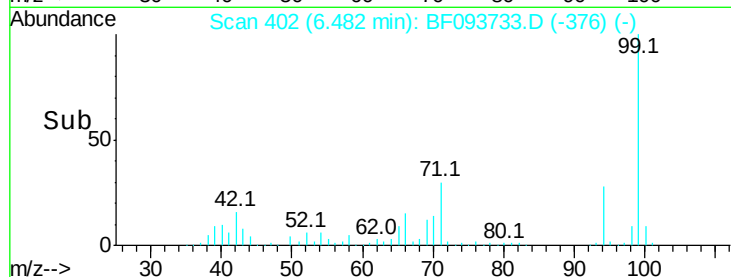


Abundance

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: 39.29 ng

RT: 6.63 min Scan# 415

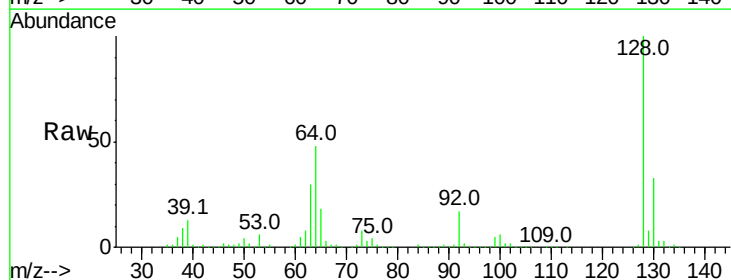
Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Tgt Ion: 128 Resp: 529686

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	48.4	28.4	68.4

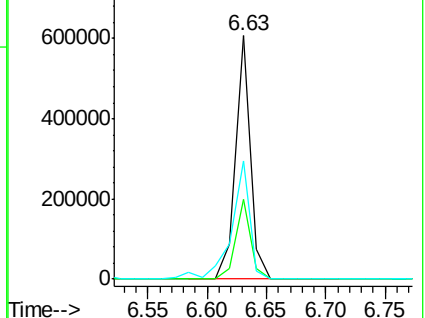
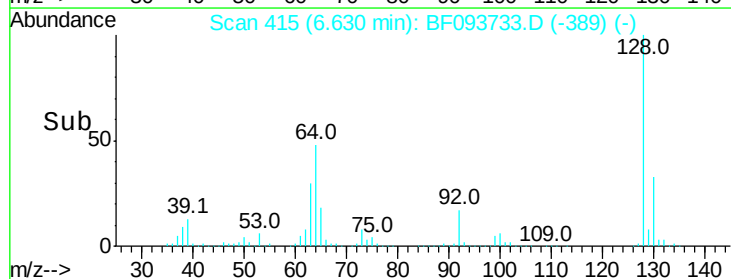


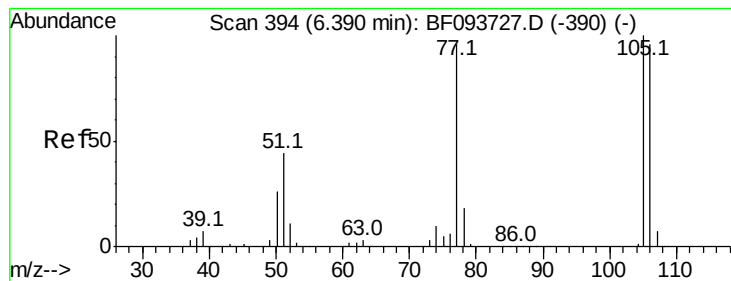
Abundance

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: 42.92 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

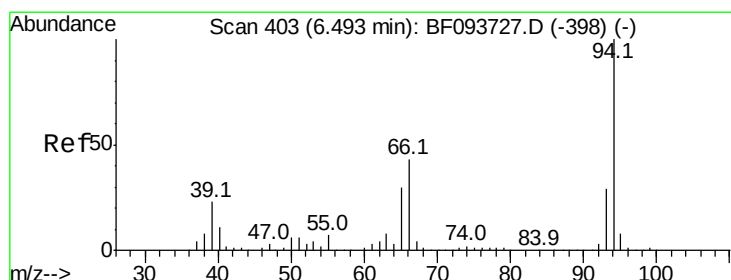
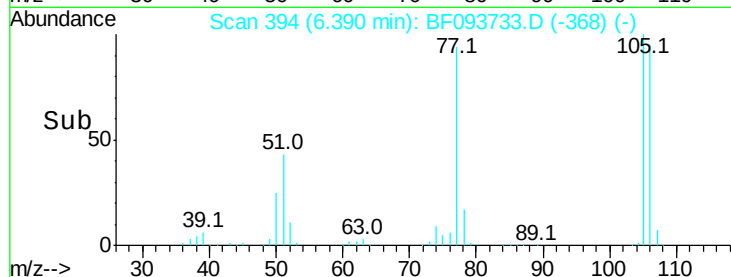
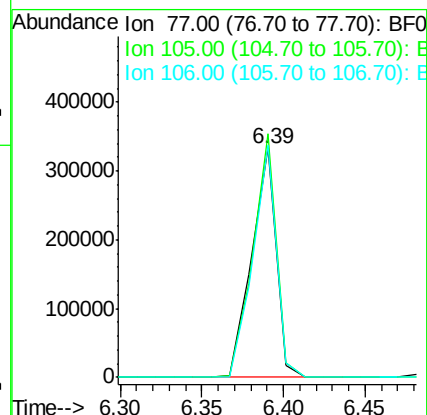
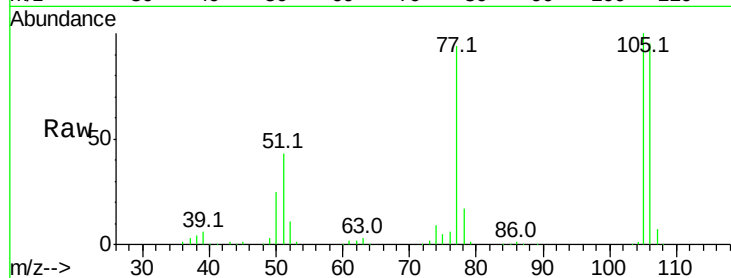
Tot Ion: 77 Resp: 344836

Ion Ratio Lower Upper

77 100

105 106.3 83.8 123.8

106 101.2 79.1 119.1



#10

Phenol

Concen: 43.64 ng

RT: 6.49 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

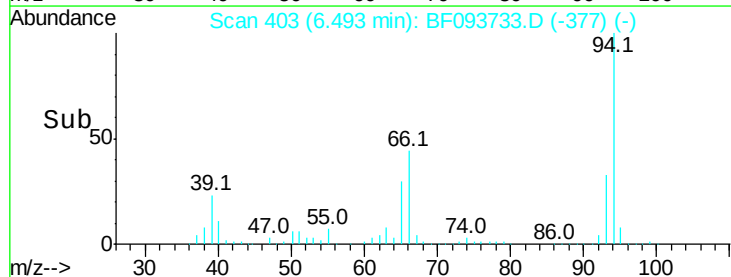
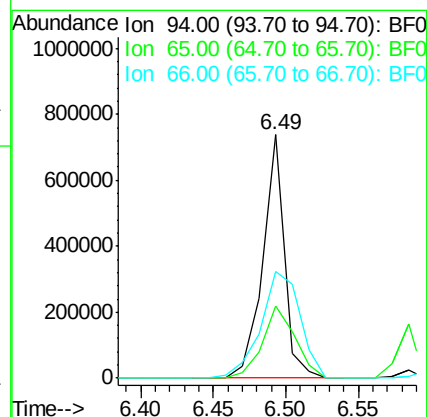
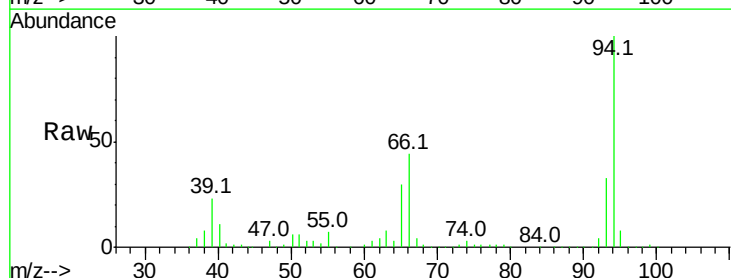
Tgt Ion: 94 Resp: 766815

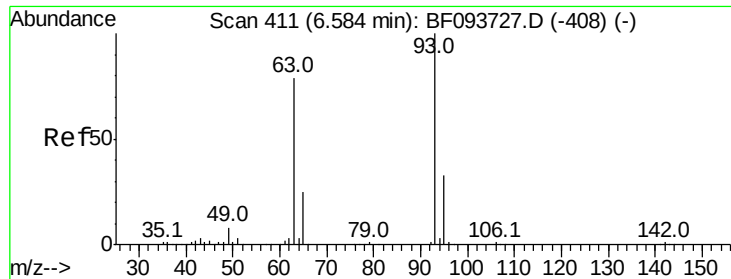
Ion Ratio Lower Upper

94 100

65 29.7 9.9 49.9

66 44.0 23.1 63.1

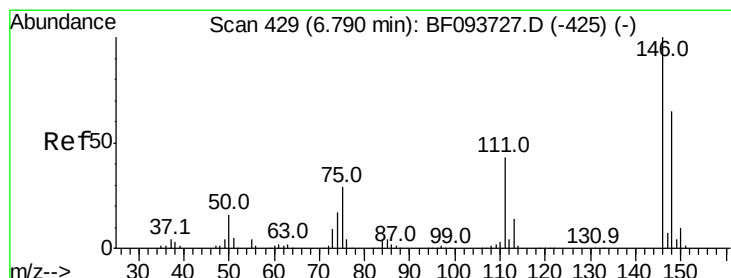
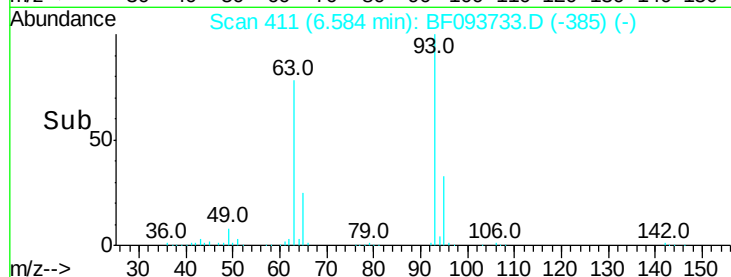
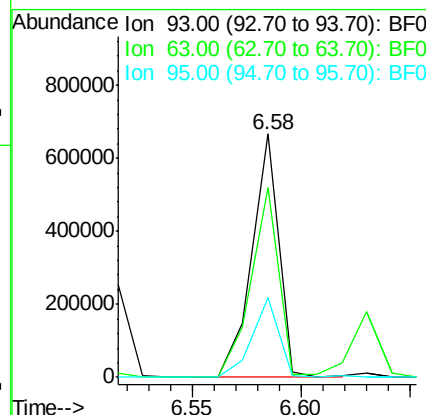
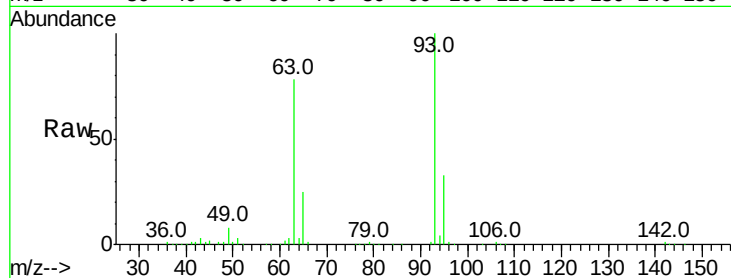




#11
bis(2-Chloroethyl)ether
Concen: 41.07 ng
RT: 6.58 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

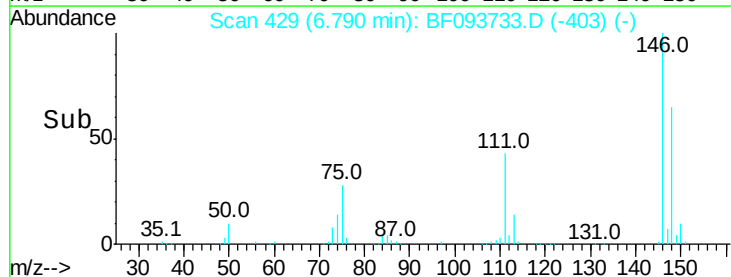
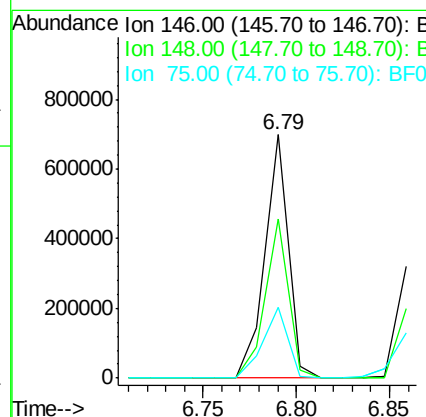
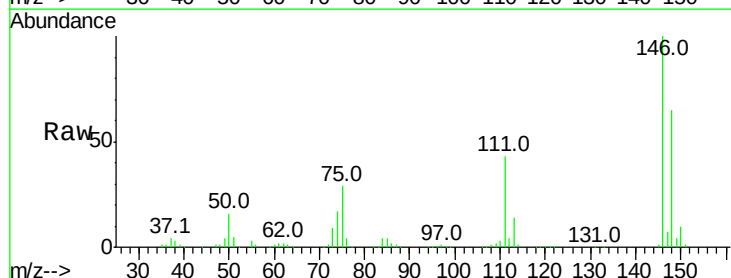
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

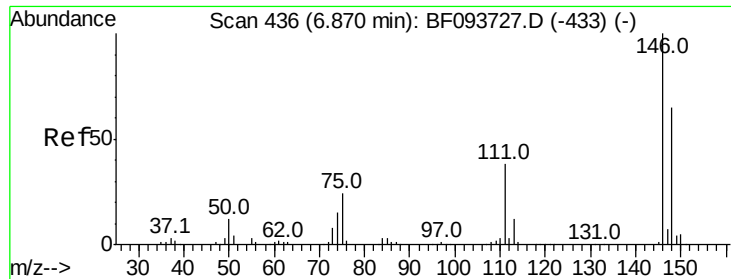
Tot Ion: 93 Resp: 568738
Ion Ratio Lower Upper
93 100
63 78.1 59.2 99.2
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.36 ng
RT: 6.79 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Tgt Ion: 146 Resp: 602808
Ion Ratio Lower Upper
146 100
148 65.2 51.8 77.6
75 28.9 23.1 34.7

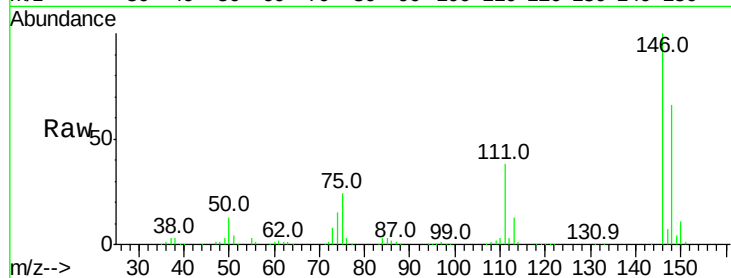




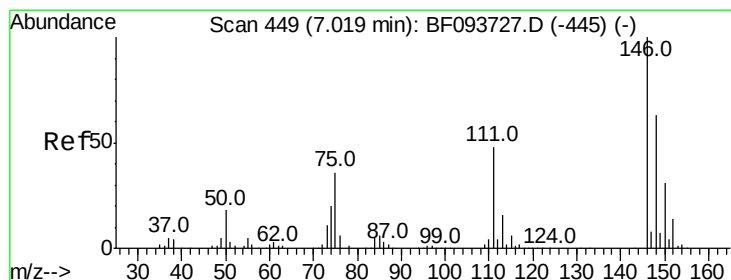
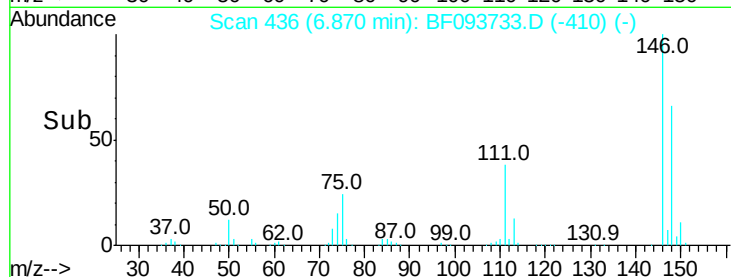
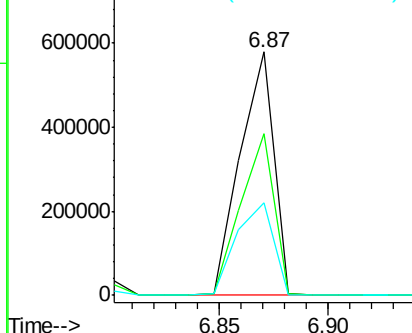
#13
 1,4-Dichlorobenzene
 Concen: 40.76 ng
 RT: 6.87 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 623505
 Ion Ratio Lower Upper
 146 100
 148 66.3 52.2 78.2
 111 38.1 30.3 45.5

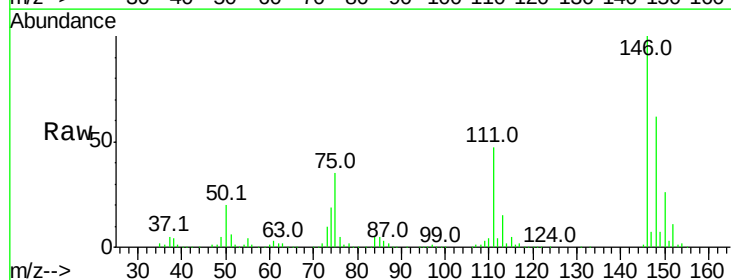


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

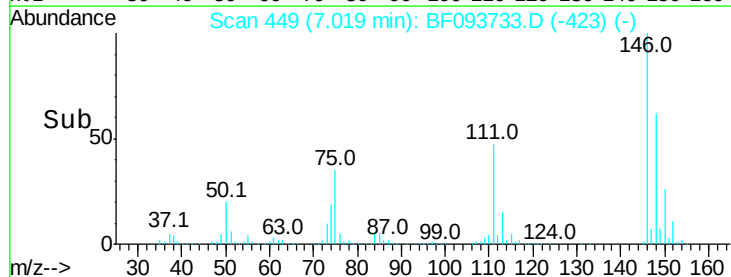
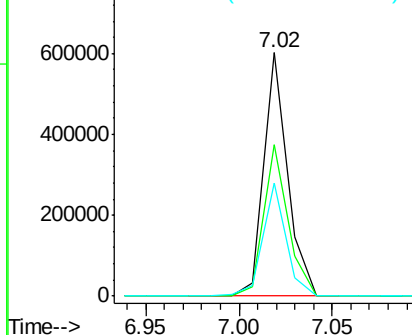


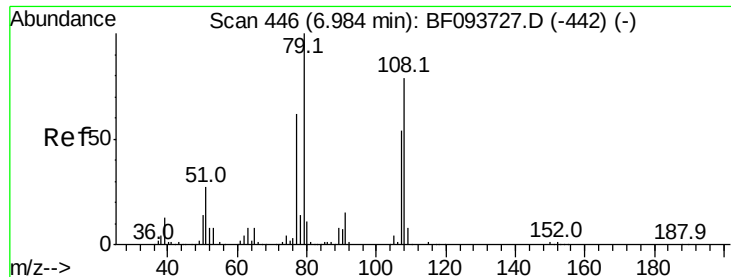
#14
 1,2-Dichlorobenzene
 Concen: 37.47 ng
 RT: 7.02 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Tgt Ion:146 Resp: 535995
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.4 75.6
 111 46.6 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 38.31 ng

RT: 6.98 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

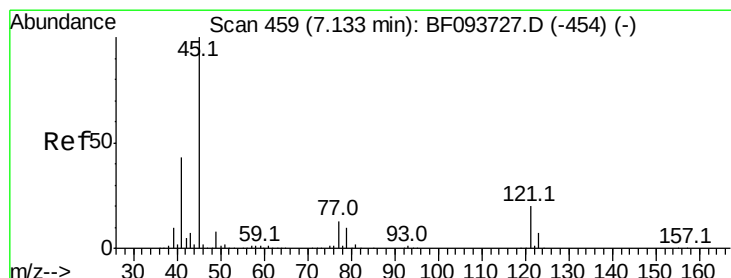
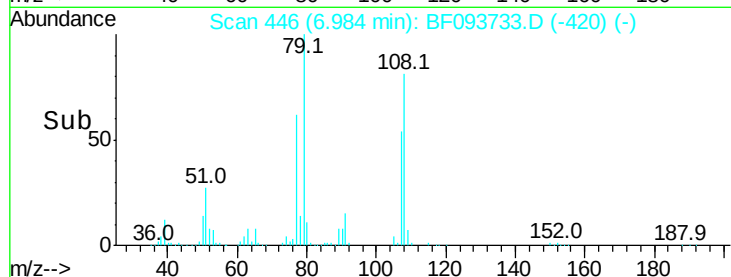
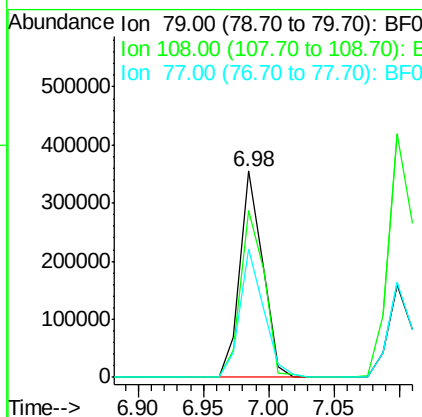
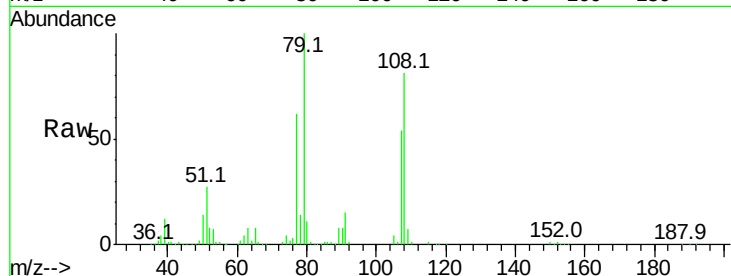
Tot Ion: 79 Resp: 431011

Ion Ratio Lower Upper

79 100

108 80.7 63.4 95.0

77 62.3 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.94 ng

RT: 7.13 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

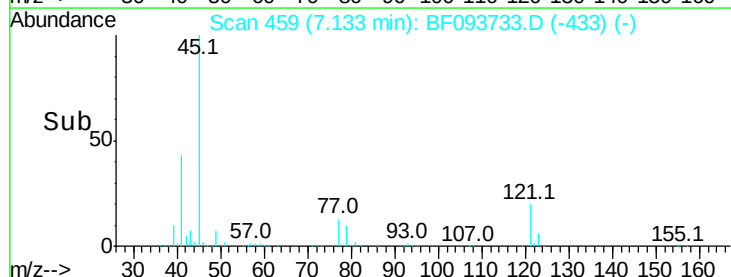
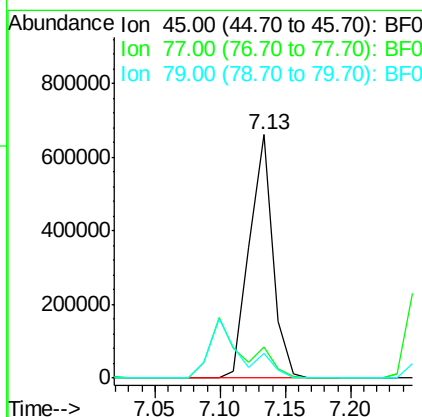
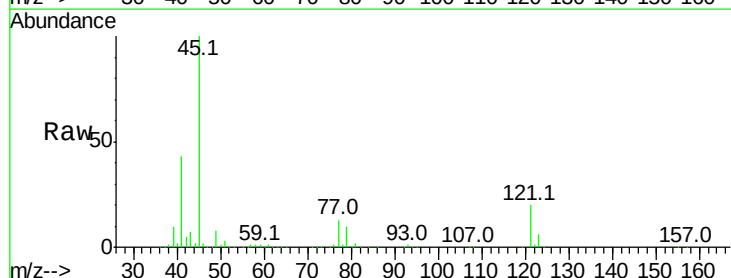
Tgt Ion: 45 Resp: 828365

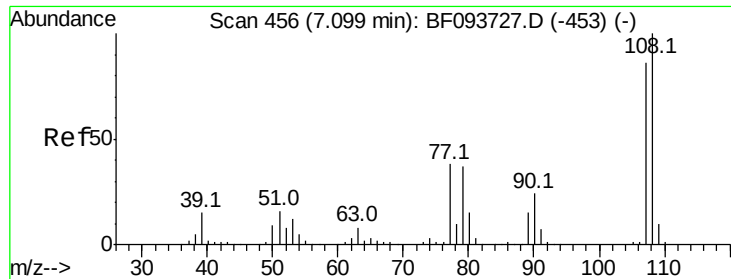
Ion Ratio Lower Upper

45 100

77 13.0 0.0 33.2

79 10.1 0.0 30.0

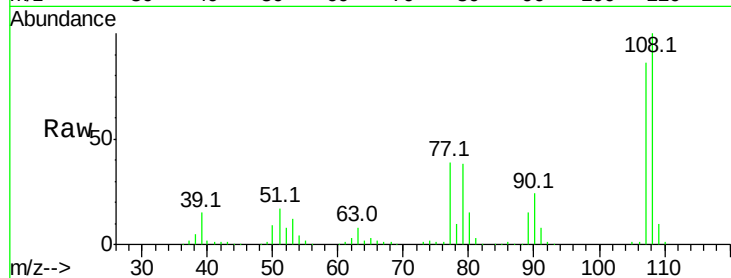




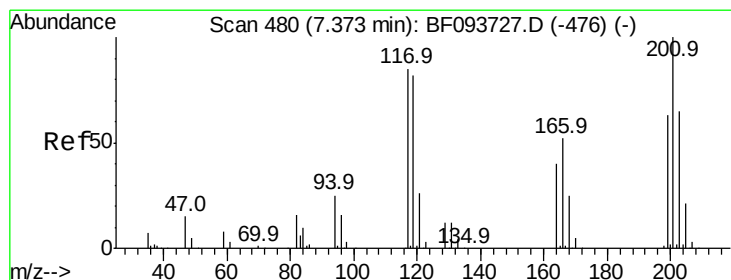
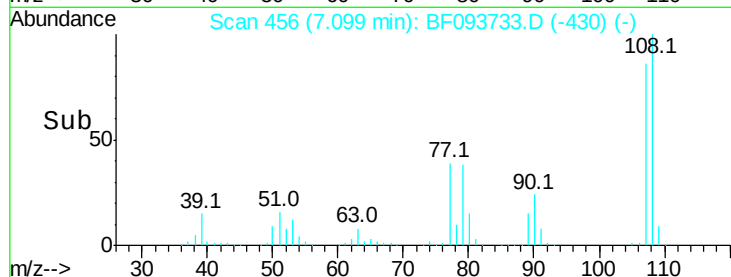
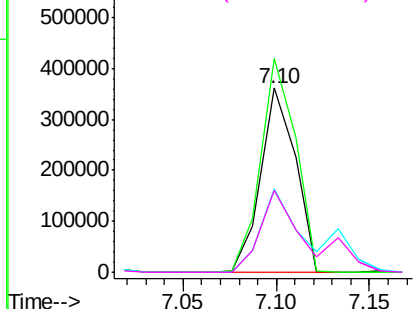
#17
2-Methylphenol
Concen: 40.02 ng
RT: 7.10 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	467105
Ion	Ratio	Lower	Upper
107	100		
108	116.1	93.4	140.0
77	45.2	35.8	53.6
79	44.4	34.8	52.2

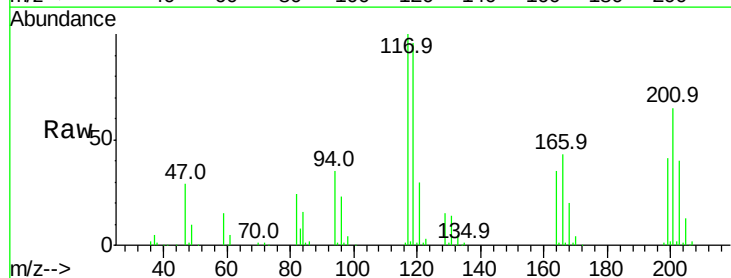


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

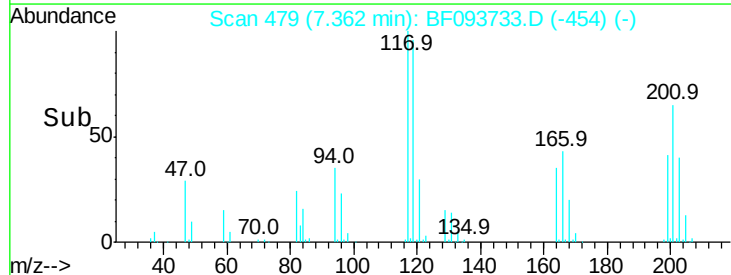
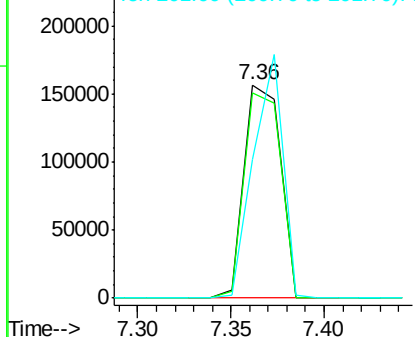


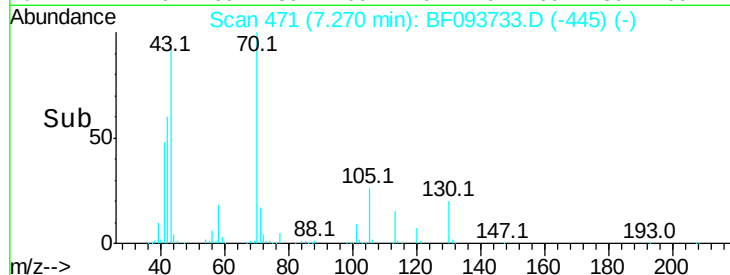
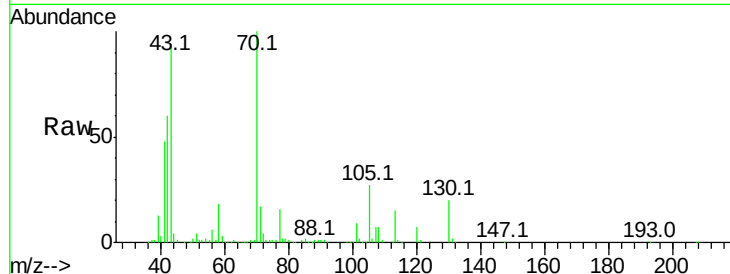
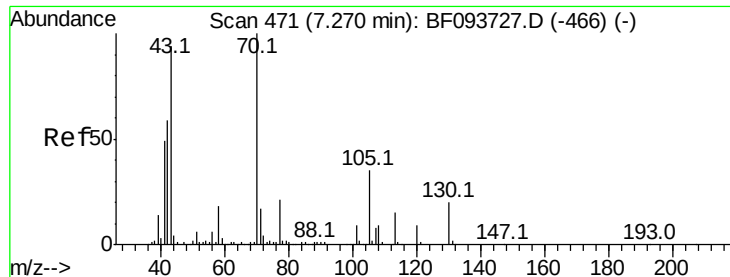
#18
Hexachloroethane
Concen: 39.00 ng
RT: 7.36 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Tgt Ion:	117	Resp:	211934
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.4	116.0
201	65.1	94.6	141.8#



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

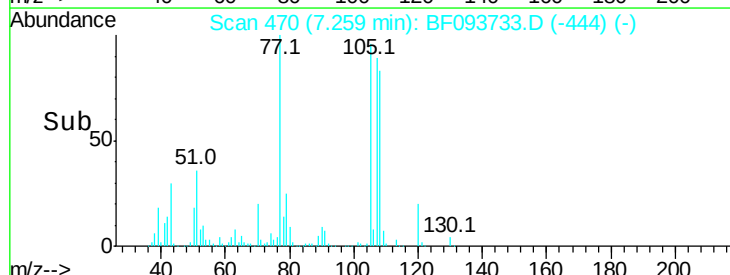
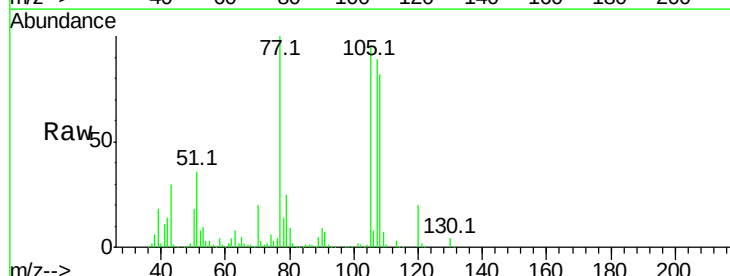
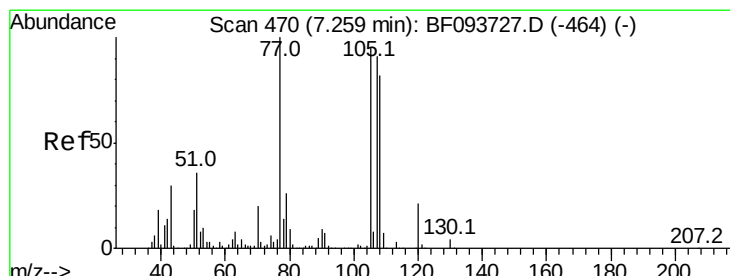
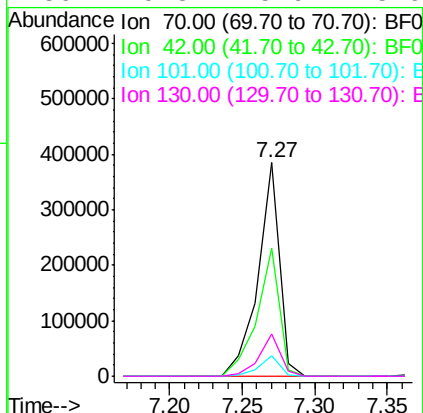




#19
n-Nitroso-di-n-propylamine
Concen: 39.74 ng
RT: 7.27 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

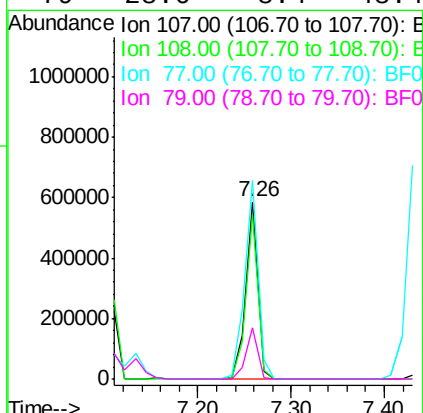
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

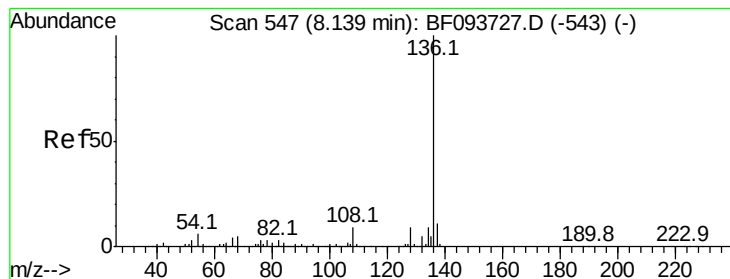
Tot Ion:	70	Resp:	396580
Ion	Ratio	Lower	Upper
70	100		
42	59.9	47.2	70.8
101	9.4	7.2	10.8
130	19.8	15.9	23.9



#20
3+4-Methylphenols
Concen: 37.91 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Tgt Ion:	107	Resp:	524591
Ion	Ratio	Lower	Upper
107	100		
108	92.7	71.0	111.0
77	112.4	90.5	130.5
79	28.6	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 840209

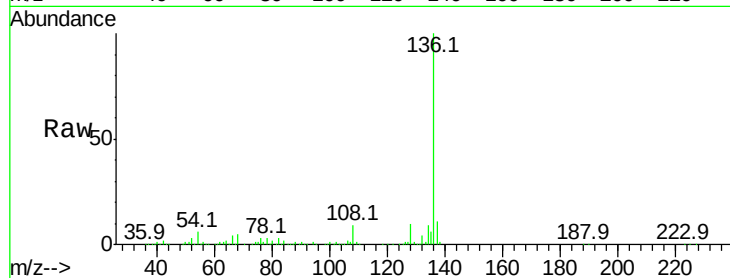
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.0 4.9 7.3

68 5.2 4.1 6.1



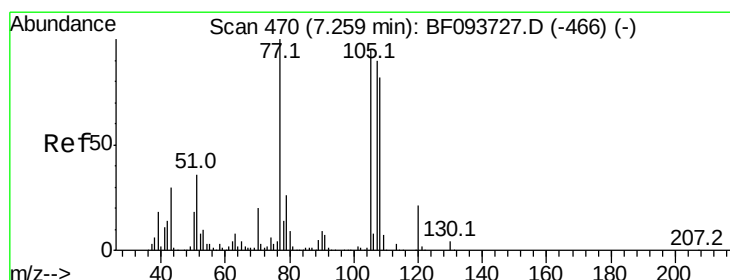
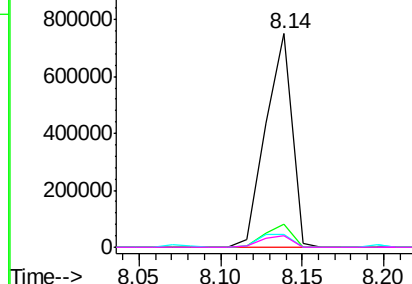
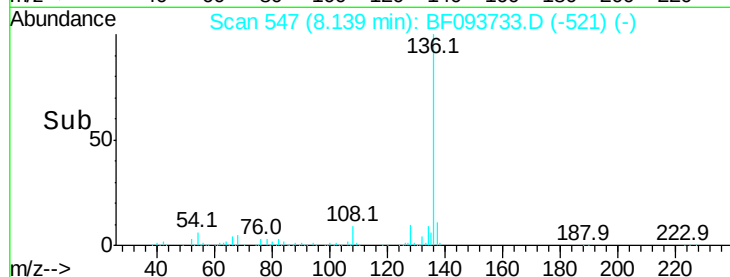
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 35.53 ng

RT: 7.26 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Tgt Ion:105 Resp: 665061

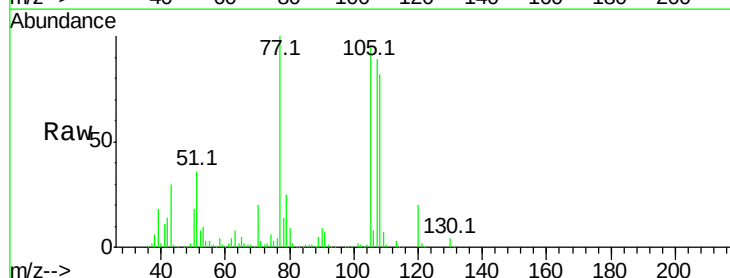
Ion Ratio Lower Upper

105 100

71 3.5 2.8 4.2

51 38.1 30.7 46.1

120 21.2 17.4 26.0



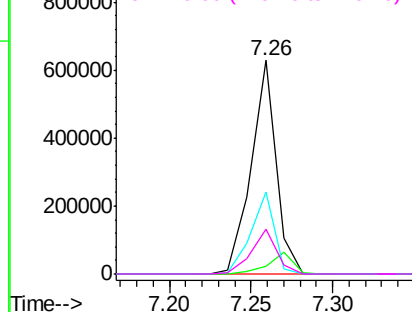
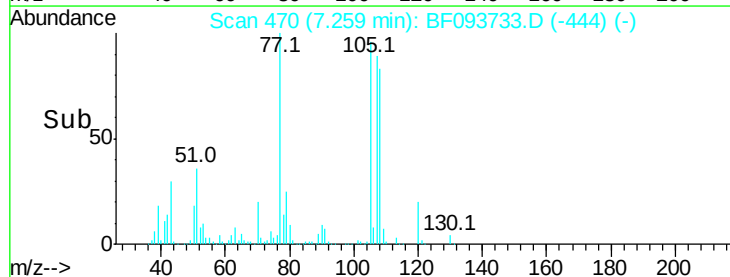
Abundance

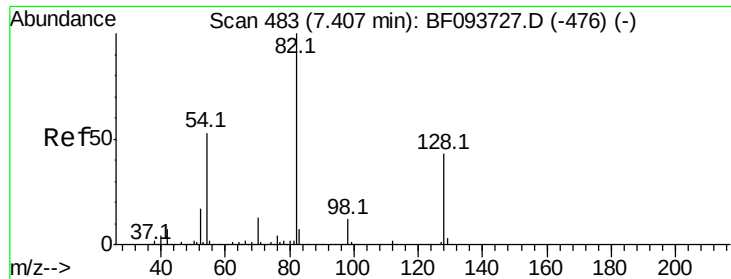
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 80.51 ng

RT: 7.41 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

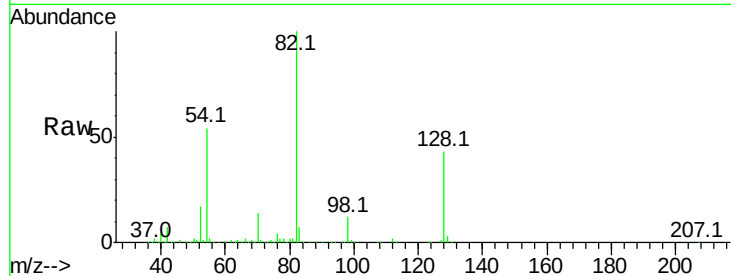
Tot Ion: 82 Resp: 1127055

Ion Ratio Lower Upper

82 100

128 42.5 34.0 51.0

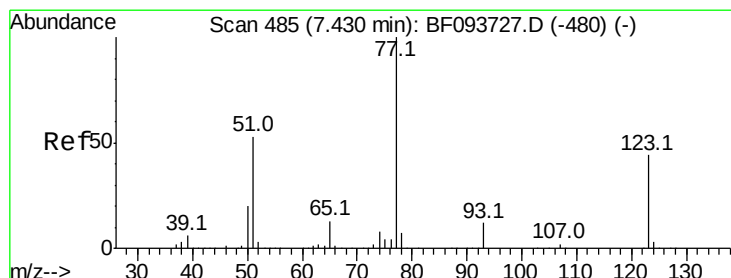
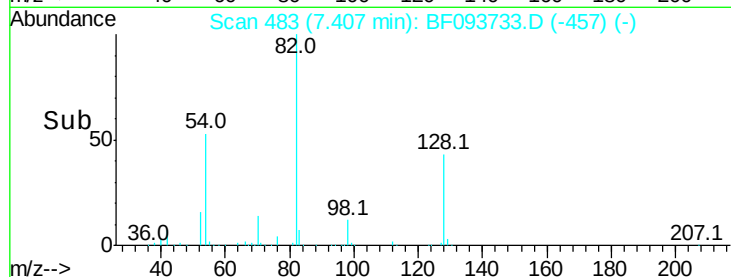
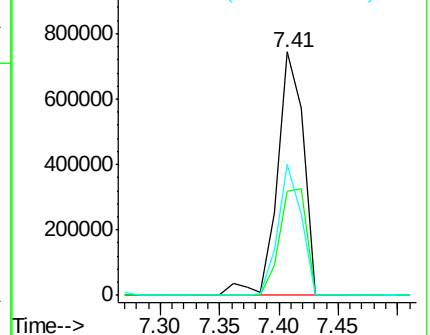
54 53.6 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.75 ng

RT: 7.43 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

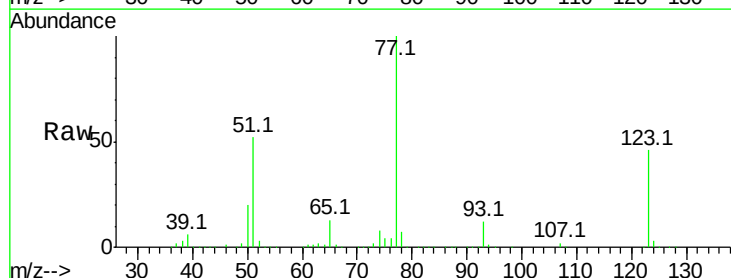
Tgt Ion: 77 Resp: 601596

Ion Ratio Lower Upper

77 100

123 45.7 35.8 53.8

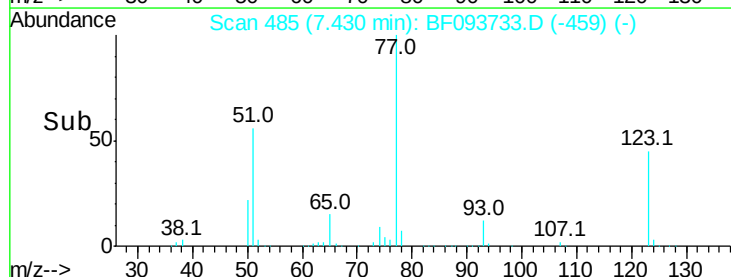
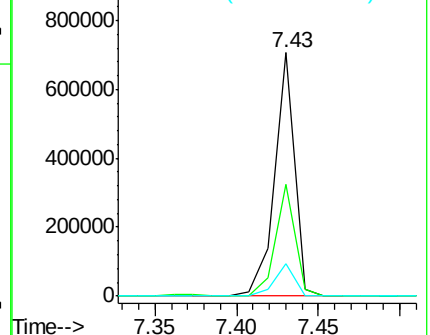
65 13.2 10.6 15.8

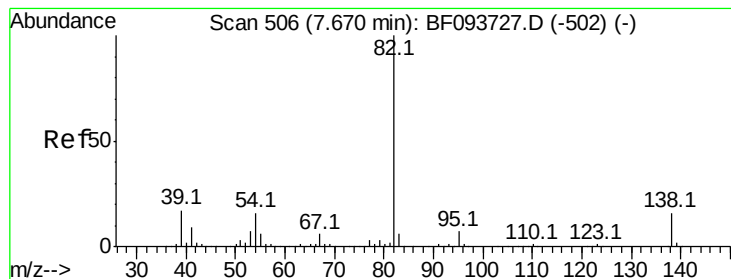


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.92 ng

RT: 7.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

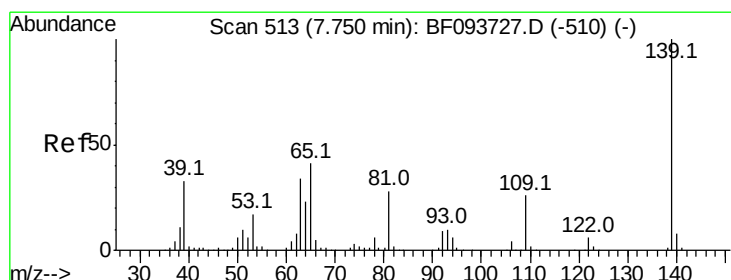
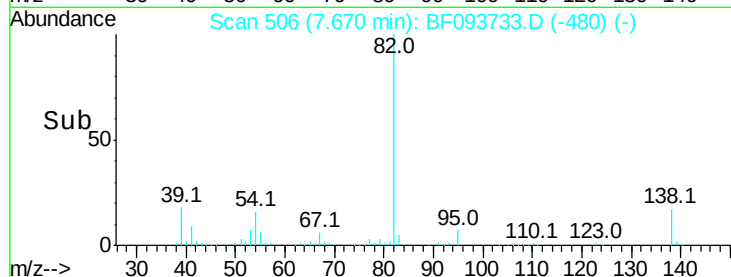
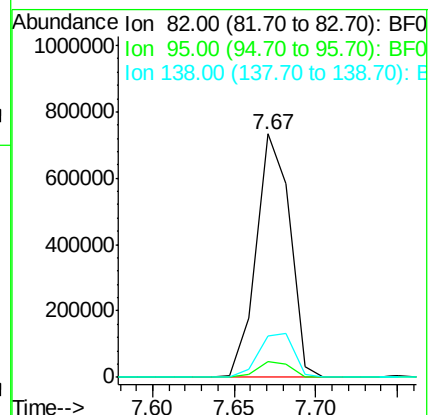
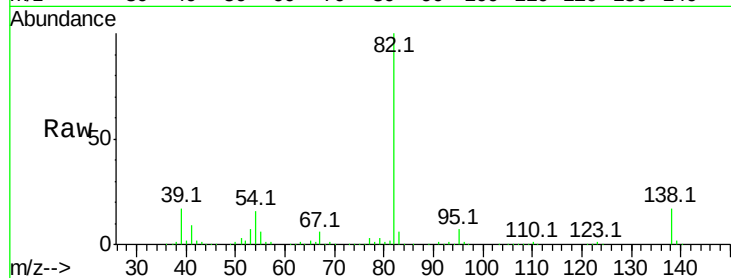
Tot Ion: 82 Resp: 1048739

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 16.8 13.1 19.7



#26

2-Nitrophenol

Concen: 49.68 ng

RT: 7.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

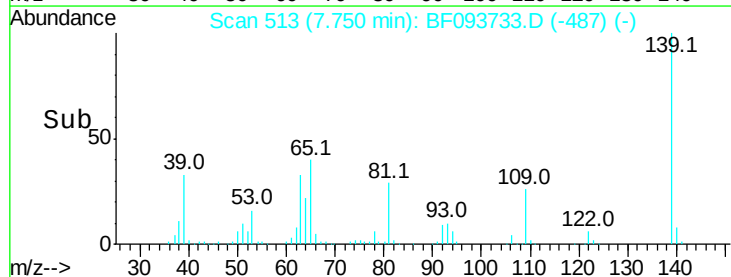
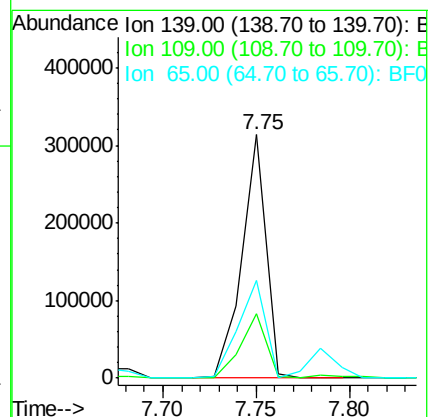
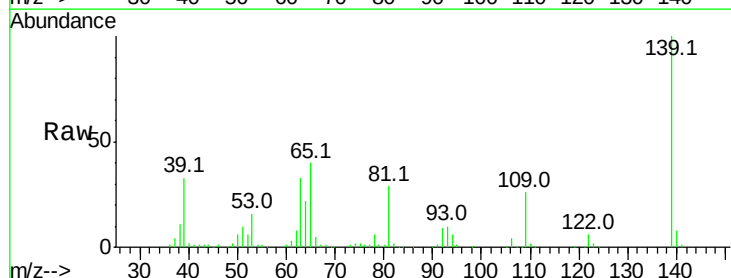
Tgt Ion: 139 Resp: 284686

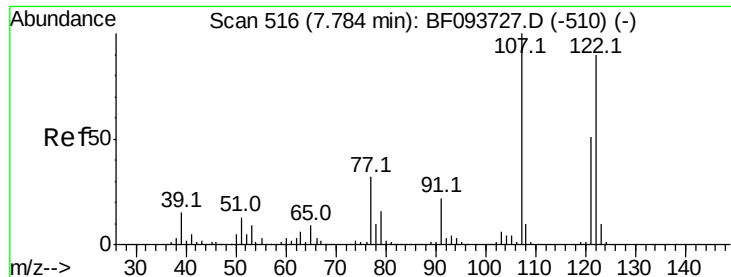
Ion Ratio Lower Upper

139 100

109 26.4 21.0 31.6

65 40.3 33.0 49.6

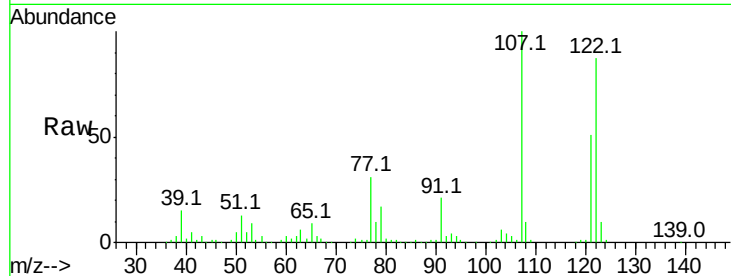




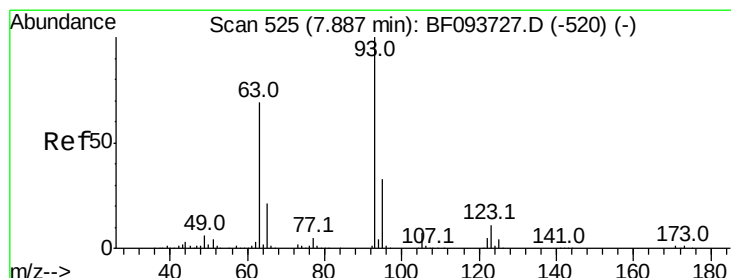
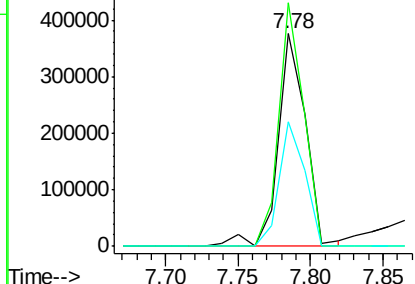
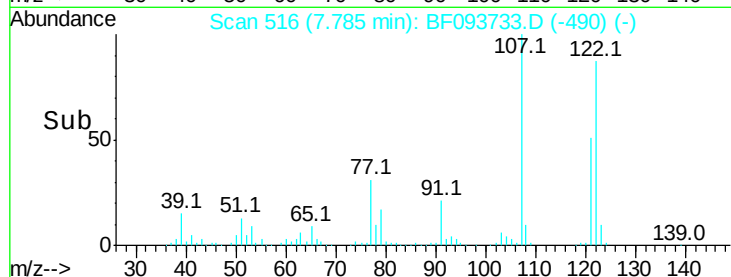
#27
 2,4-Dimethylphenol
 Concen: 37.49 ng
 RT: 7.78 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion:122 Resp: 491504
 Ion Ratio Lower Upper
 122 100
 107 114.5 89.2 133.8
 121 58.4 45.2 67.8

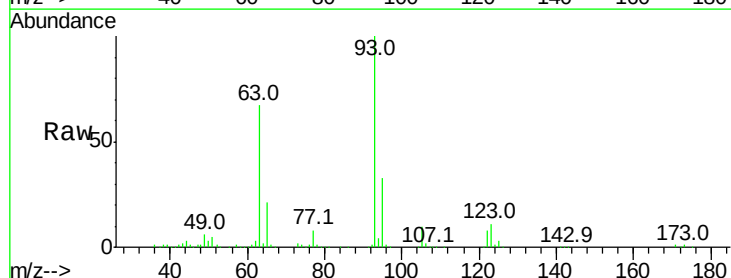


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

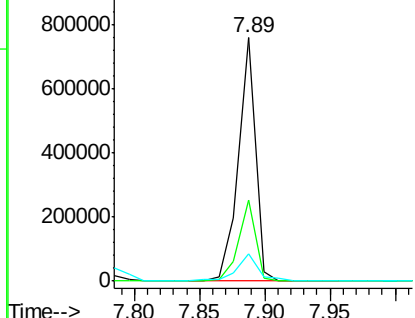
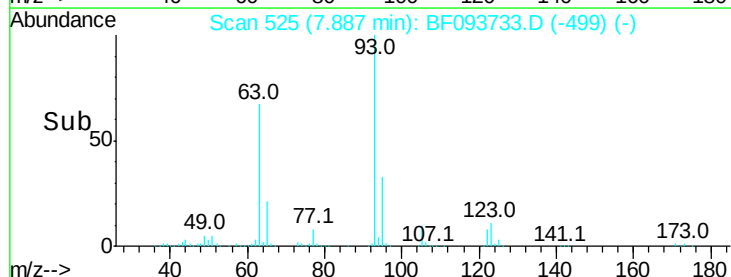


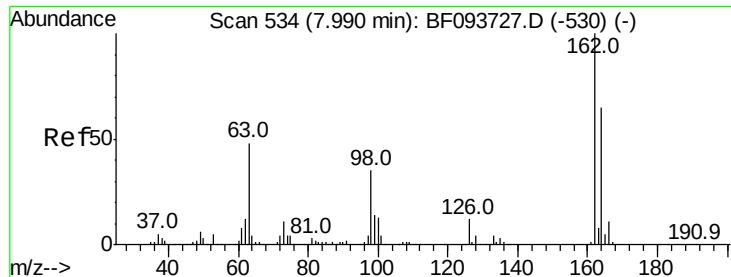
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.21 ng
 RT: 7.89 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Tgt Ion: 93 Resp: 684008
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.5 39.7
 123 11.5 9.0 13.4



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





#29

2,4-Dichlorophenol

Concen: 41.63 ng

RT: 7.99 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

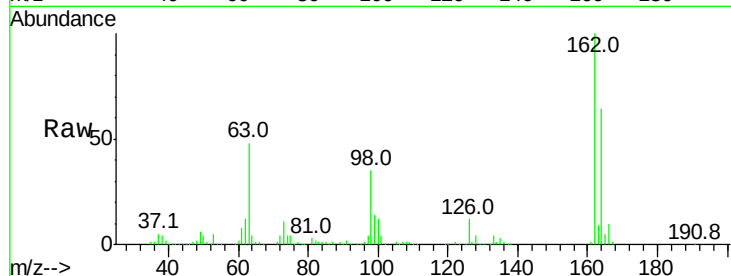
Tot Ion:162 Resp: 468947

Ion Ratio Lower Upper

162 100

164 63.9 44.6 84.6

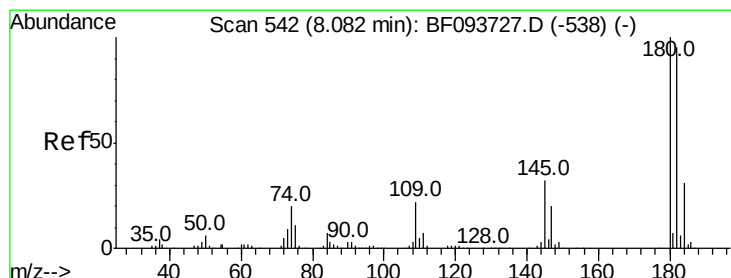
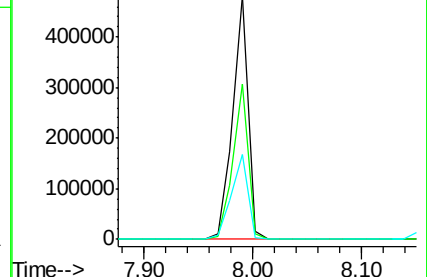
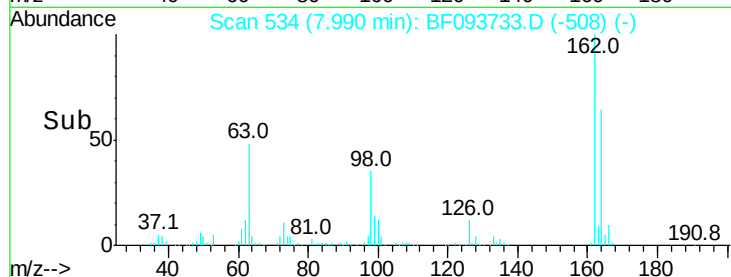
98 34.9 14.8 54.8



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: 40.24 ng

RT: 8.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

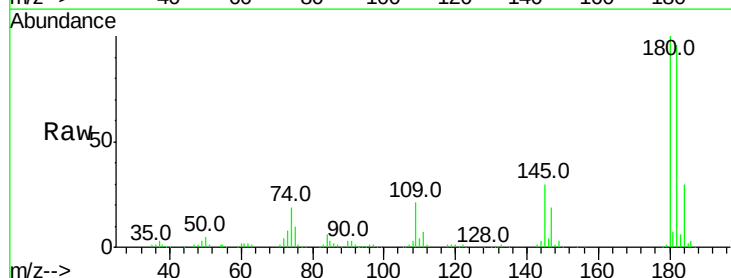
Tgt Ion:180 Resp: 472516

Ion Ratio Lower Upper

180 100

182 95.9 75.8 113.6

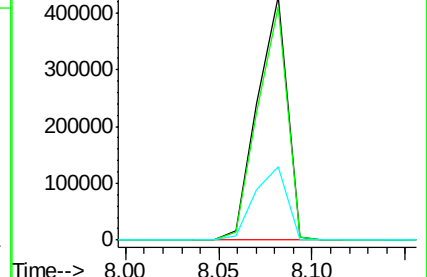
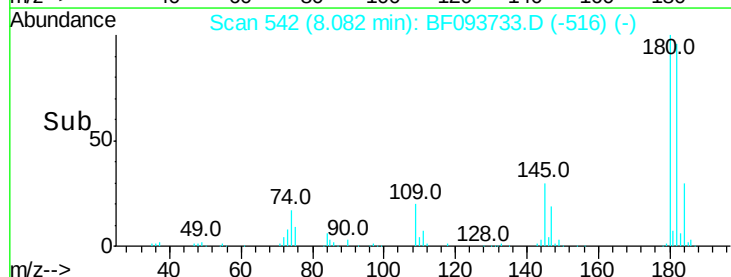
145 30.1 25.3 37.9

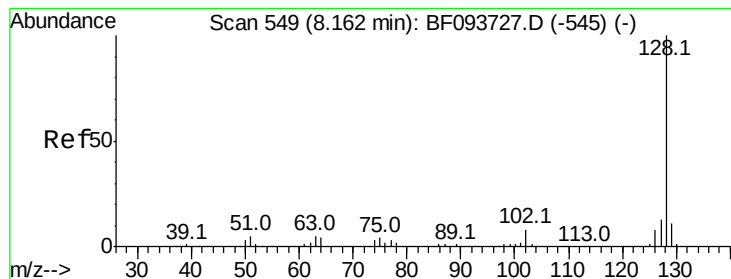


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.93 ng

RT: 8.16 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

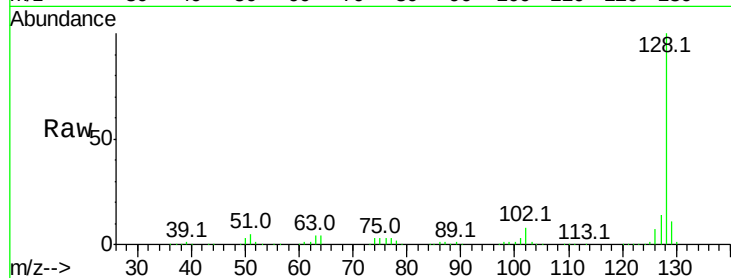
Tot Ion:128 Resp: 1635797

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

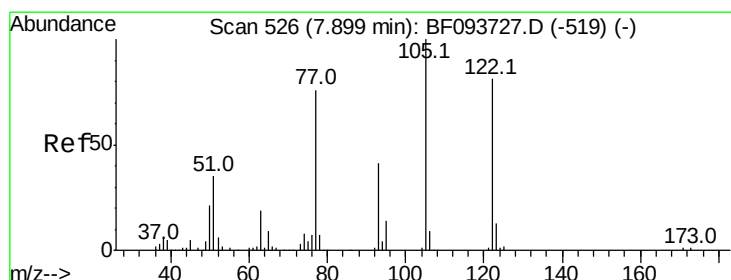
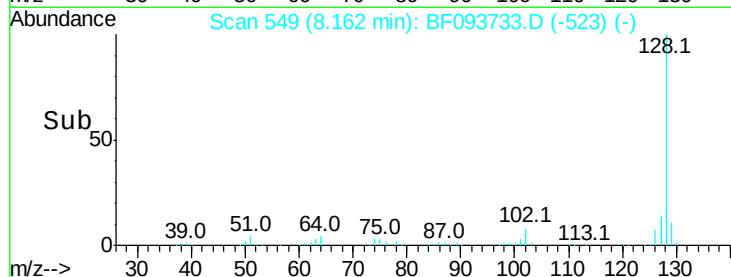
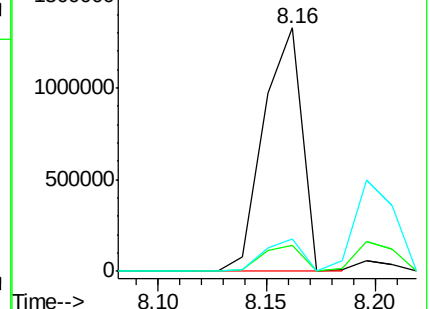
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.80 ng

RT: 7.90 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

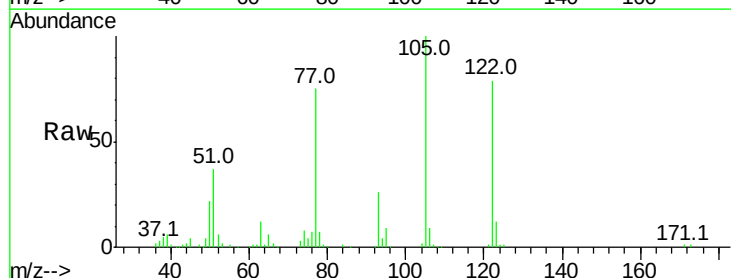
Tgt Ion:122 Resp: 325710

Ion Ratio Lower Upper

122 100

105 126.4 103.3 143.3

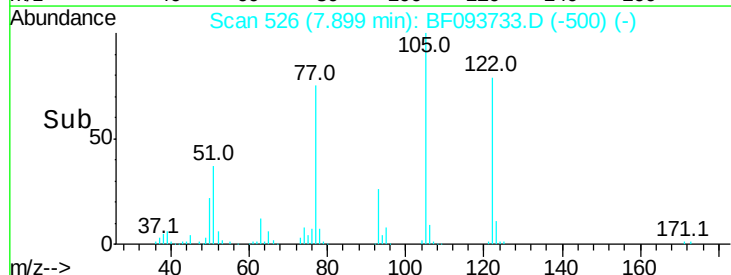
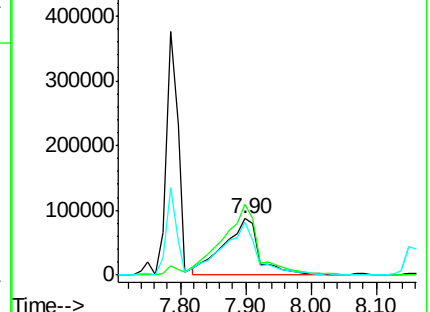
77 94.5 73.7 113.7

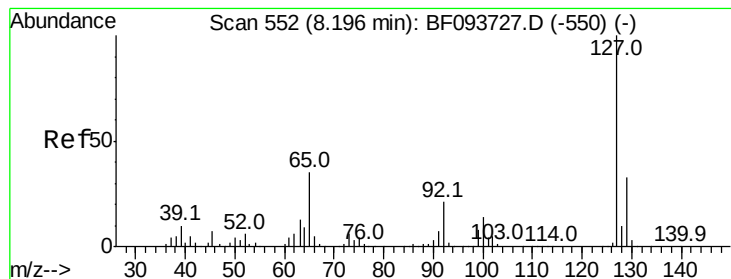


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 36.87 ng

RT: 8.20 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 632562

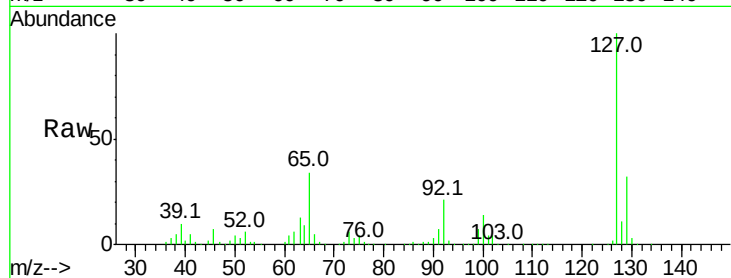
Ion Ratio Lower Upper

127 100

129 32.3 26.2 39.2

65 34.2 27.8 41.8

92 21.2 16.8 25.2

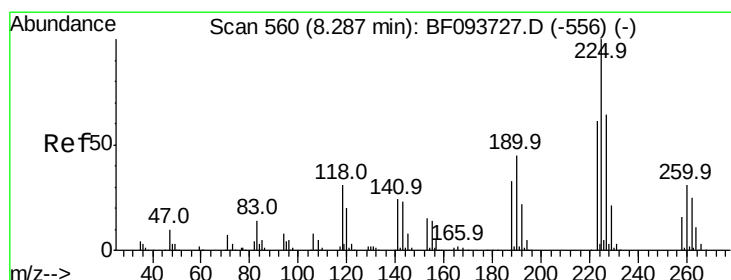
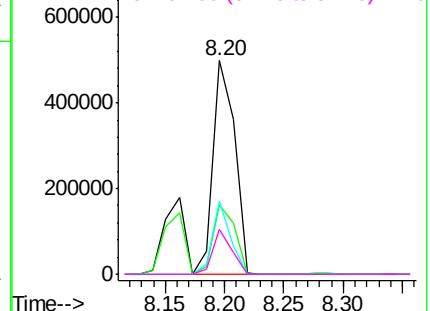
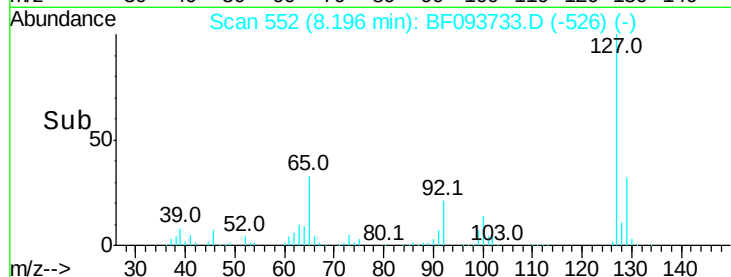


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.24 ng

RT: 8.29 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

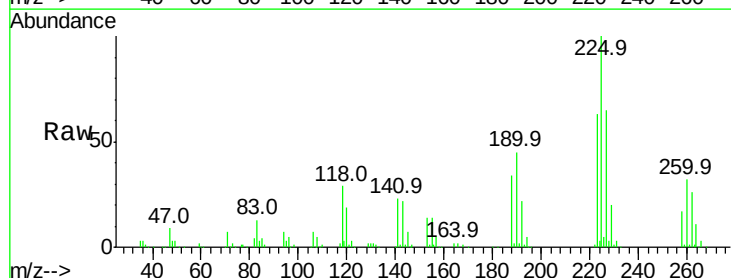
Tgt Ion:225 Resp: 241289

Ion Ratio Lower Upper

225 100

223 62.7 48.8 73.2

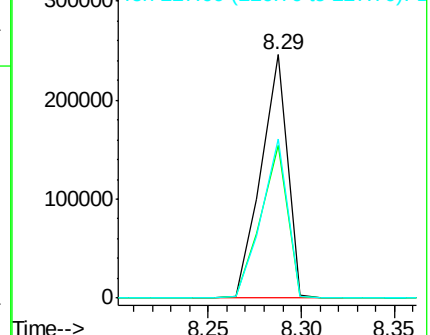
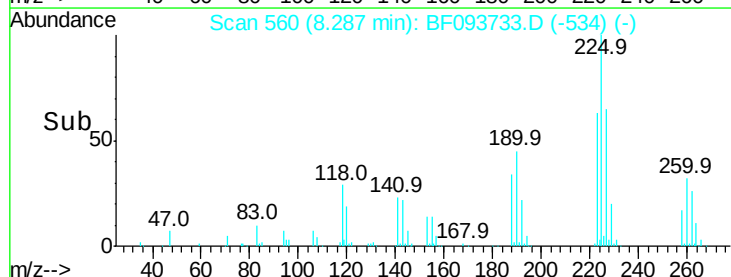
227 65.1 51.1 76.7

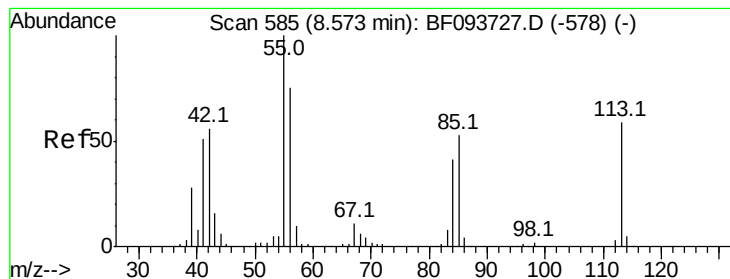


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.78 ng

RT: 8.57 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

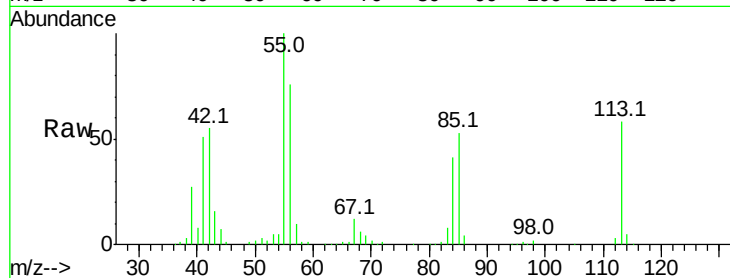
Tot Ion:113 Resp: 157981

Ion Ratio Lower Upper

113 100

55 173.1 150.2 190.2

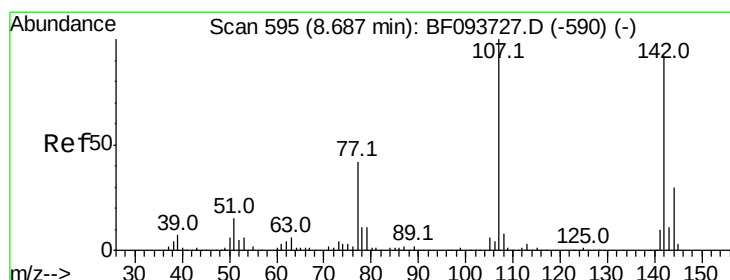
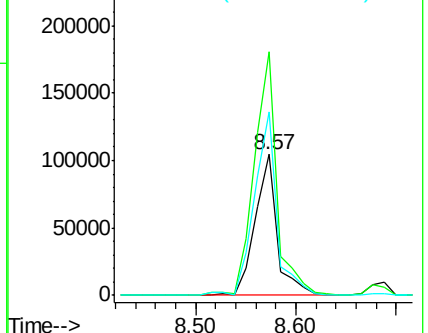
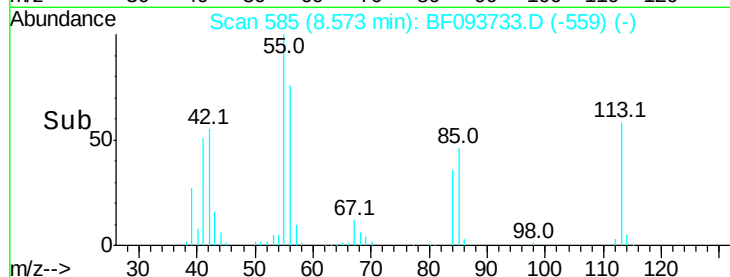
56 130.8 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.47 ng

RT: 8.69 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

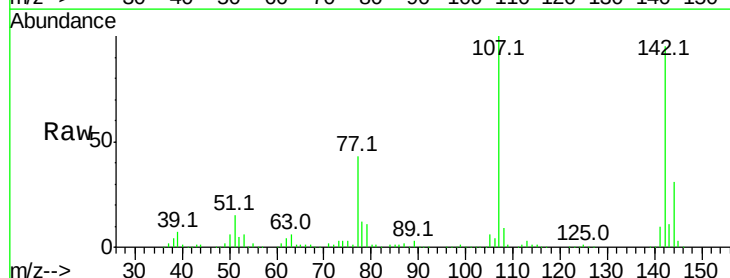
Tgt Ion:107 Resp: 480063

Ion Ratio Lower Upper

107 100

144 31.2 24.2 36.4

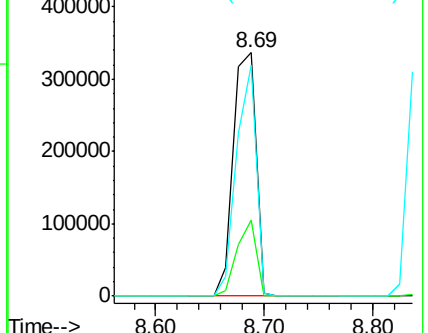
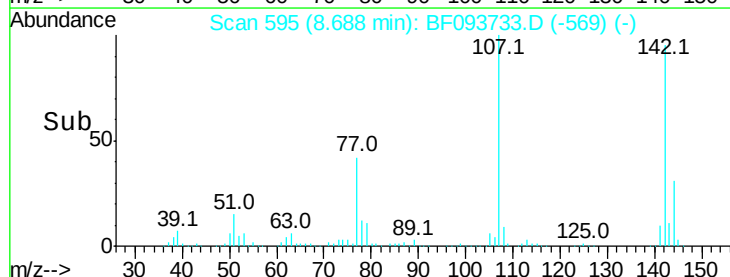
142 94.6 73.4 110.0

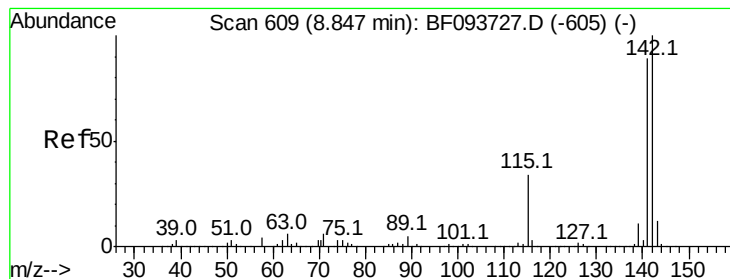


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.75 ng

RT: 8.85 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

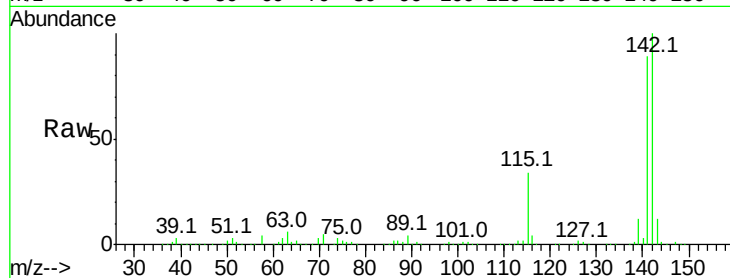
Tot Ion:142 Resp: 1054793

Ion Ratio Lower Upper

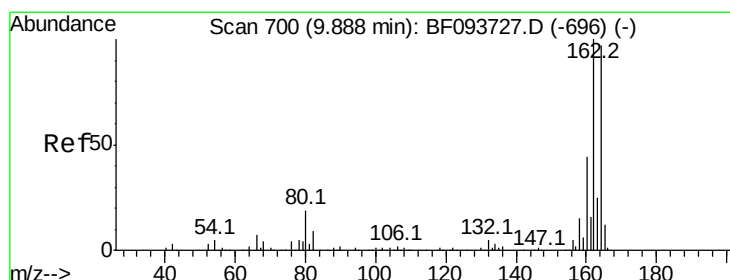
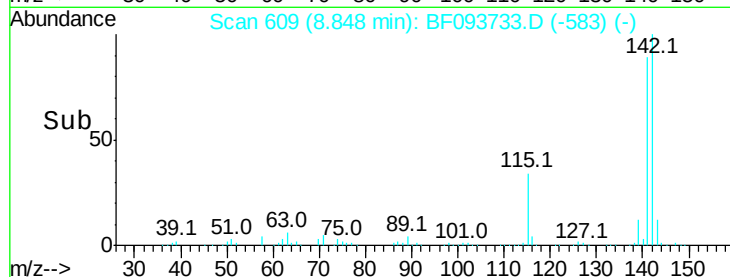
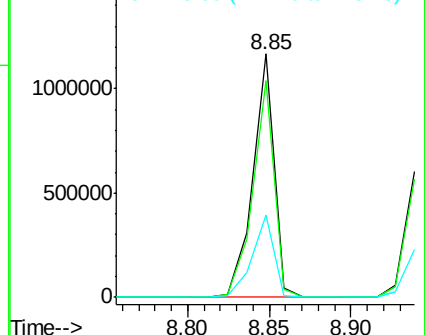
142 100

141 89.3 71.3 106.9

115 33.6 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: 9.89 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

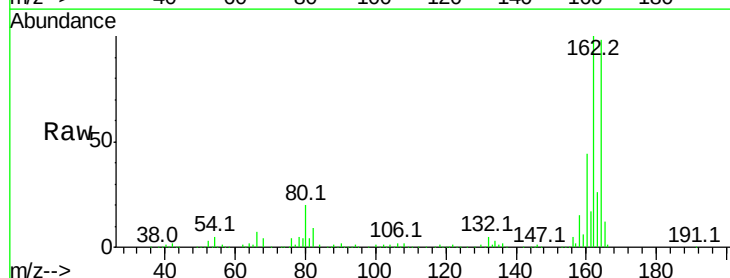
Tgt Ion:164 Resp: 390628

Ion Ratio Lower Upper

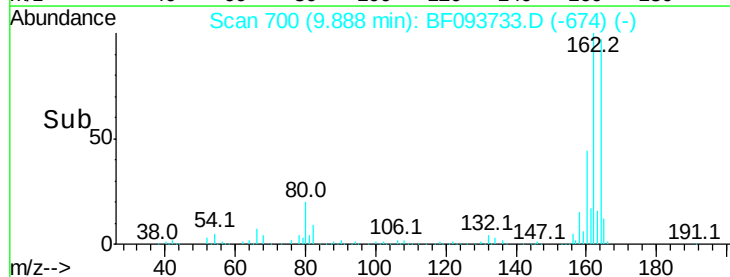
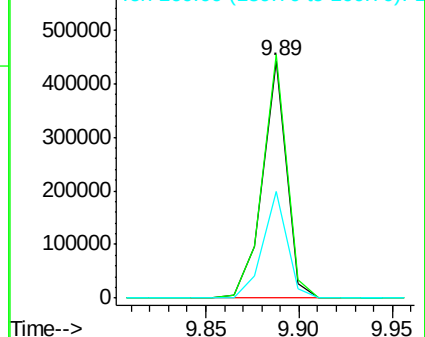
164 100

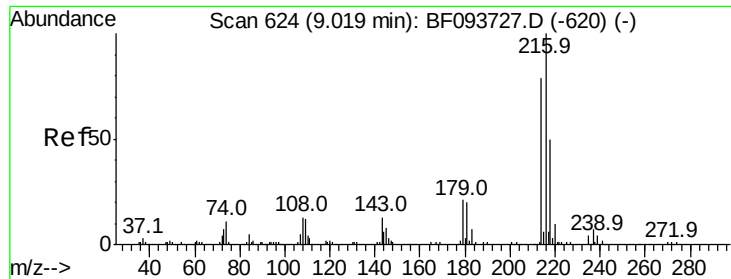
162 102.5 82.6 123.8

160 44.7 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

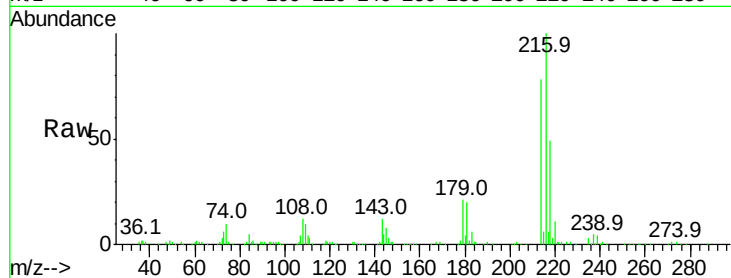




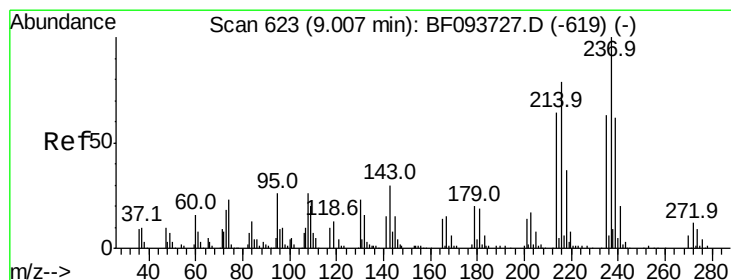
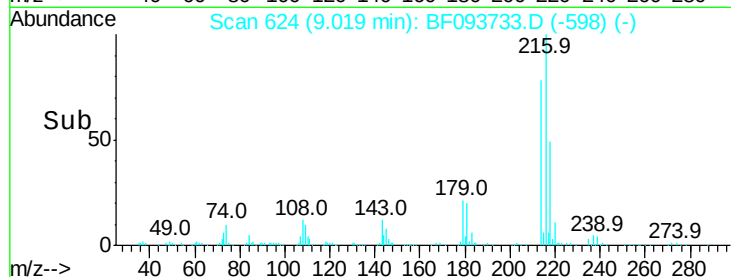
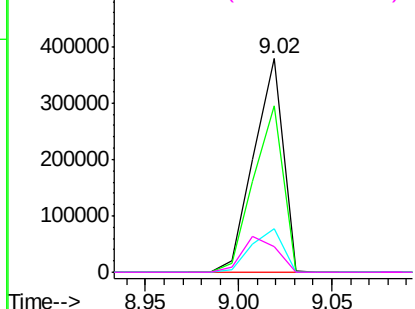
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.05 ng
 RT: 9.02 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	216	Resp:	412057
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.2
179	22.3	17.9	26.9
108	20.0	16.5	24.7

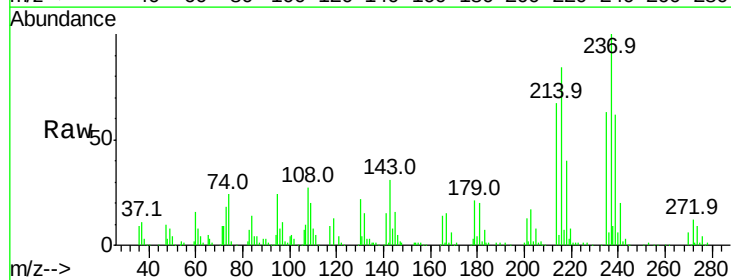


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

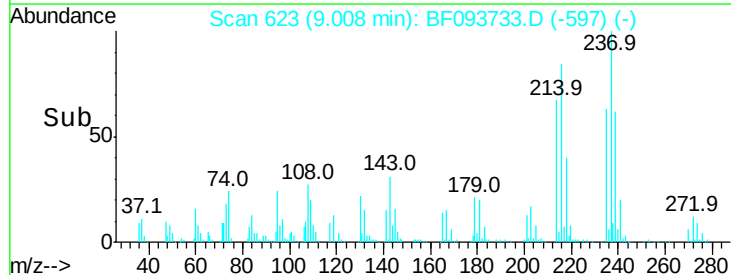
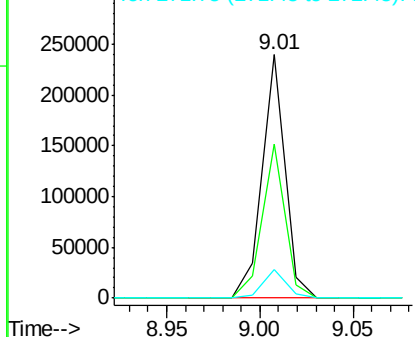


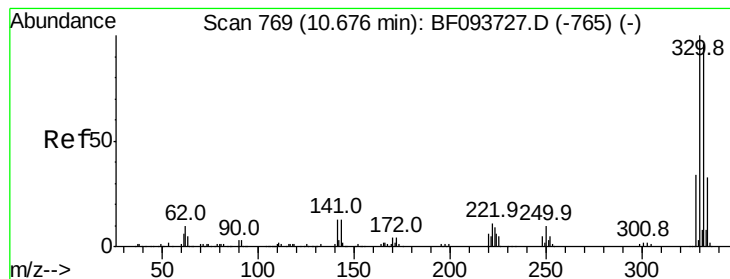
#40
 Hexachlorocyclopentadiene
 Concen: 44.32 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Tgt Ion:	237	Resp:	202531
Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.6	82.6
272	11.8	0.0	31.9



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





#41

2,4,6-Tribromophenol

Concen: 94.60 ng

RT: 10.68 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

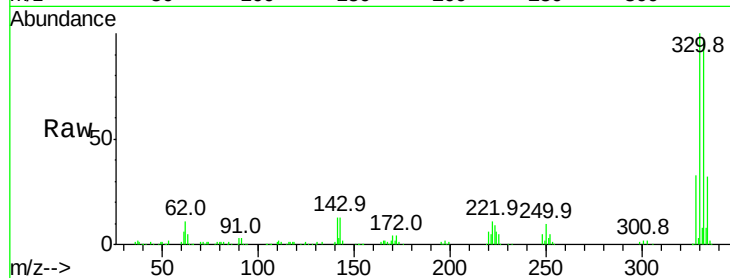
Tot Ion:330 Resp: 241861

Ion Ratio Lower Upper

330 100

332 97.1 76.6 115.0

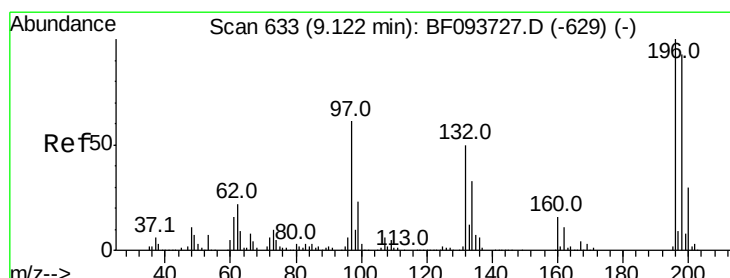
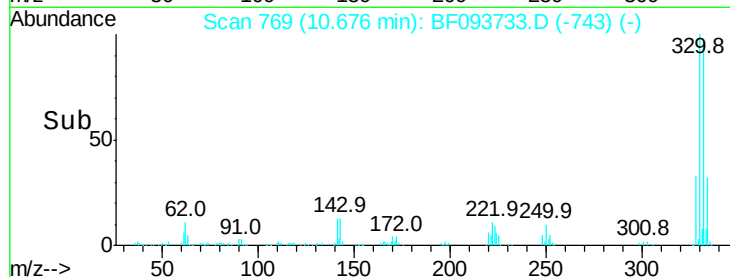
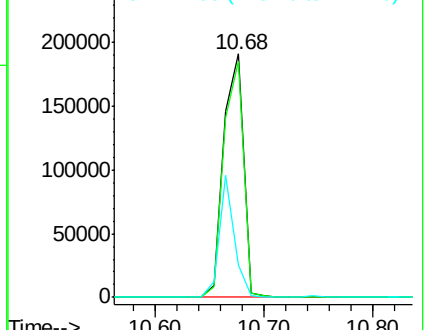
141 38.8 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 43.04 ng

RT: 9.12 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

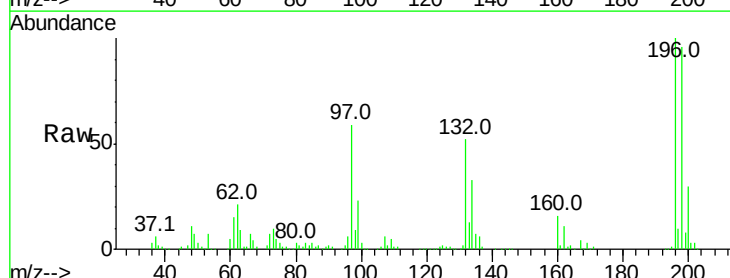
Tgt Ion:196 Resp: 290310

Ion Ratio Lower Upper

196 100

198 96.4 74.2 111.4

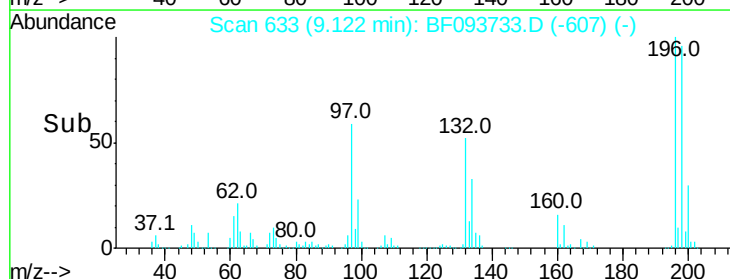
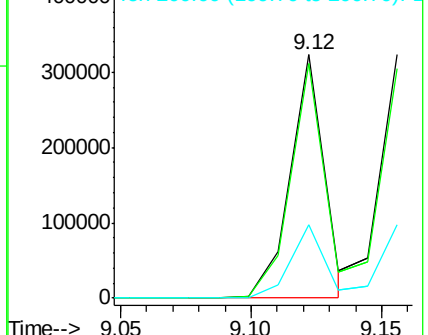
200 30.0 24.0 36.0

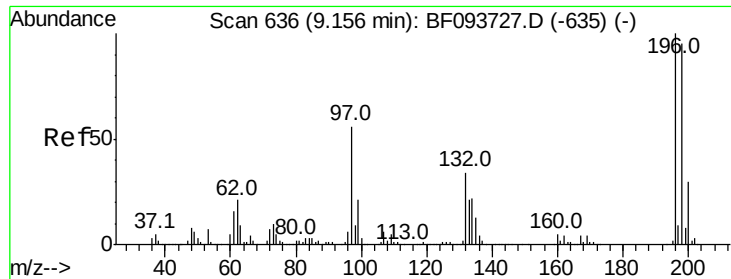


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

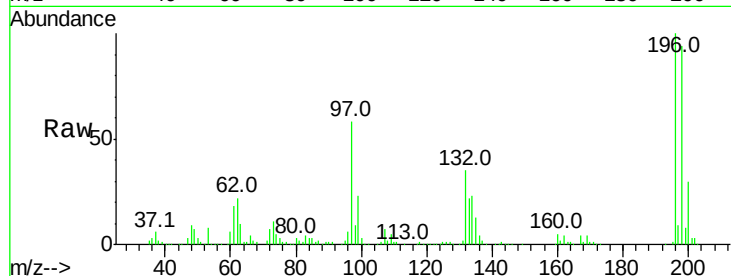




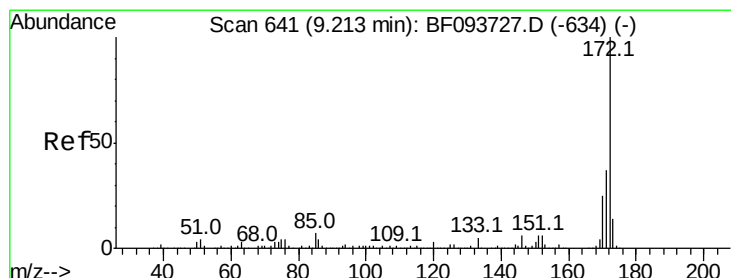
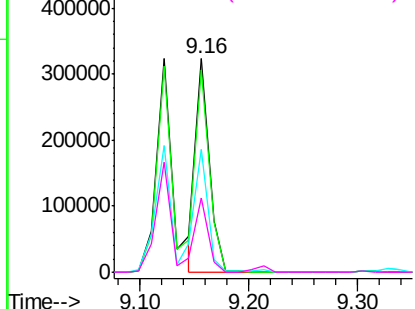
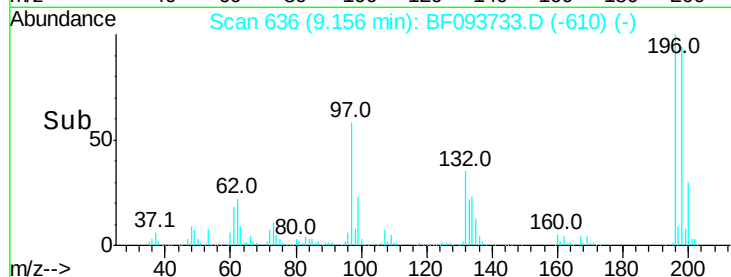
#43
 2,4,5-Trichlorophenol
 Concen: 40.12 ng
 RT: 9.16 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 278968
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.7 113.5
 97 57.8 47.7 71.5
 132 34.9 28.0 42.0

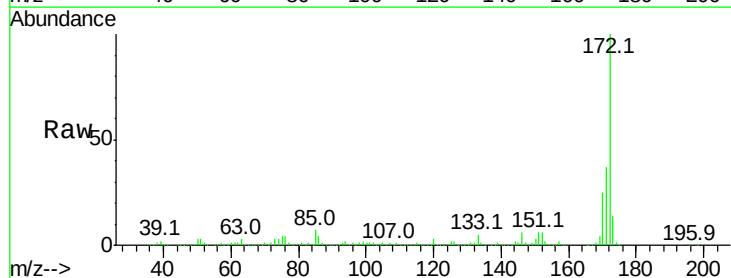


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

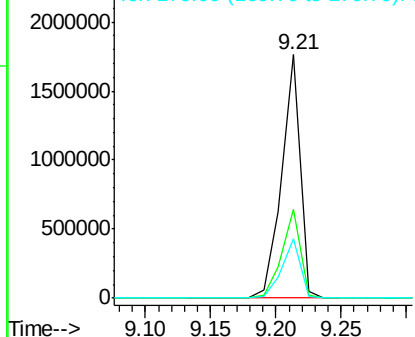
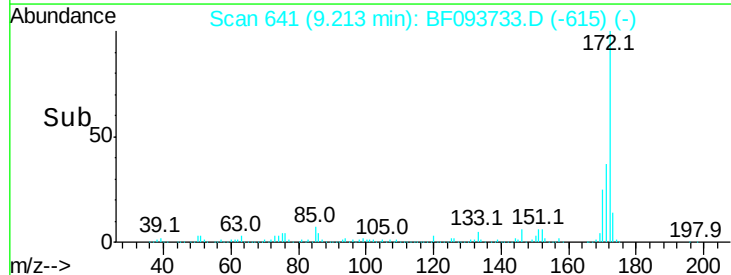


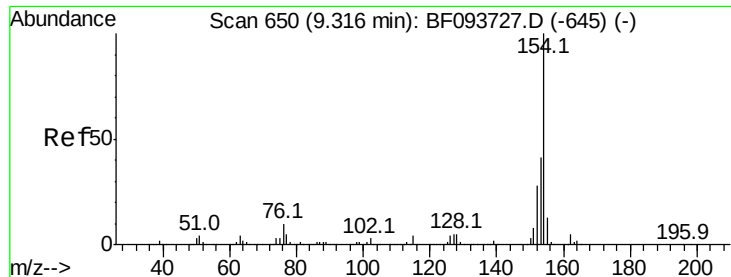
#44
 2-Fluorobiphenyl
 Concen: 82.89 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Tgt Ion:172 Resp: 1715881
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.5 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: 45.09 ng

RT: 9.32 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

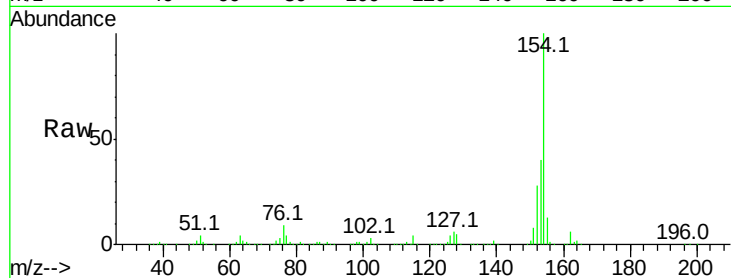
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1234879

Ion	Ratio	Lower	Upper
154	100		
153	39.9	21.2	61.2
76	9.2	0.0	29.9

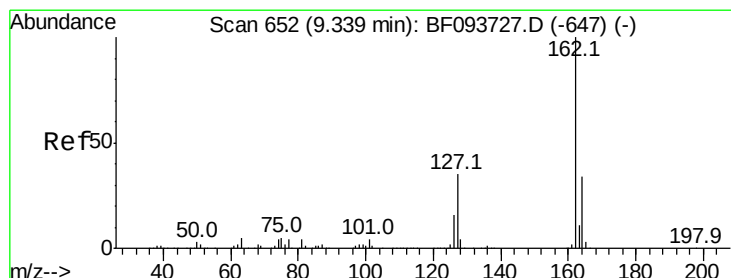
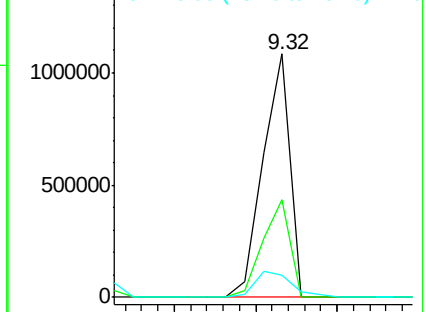
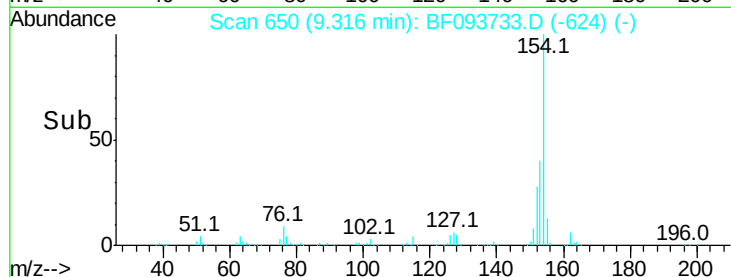


Abundance

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: 43.50 ng

RT: 9.34 min Scan# 652

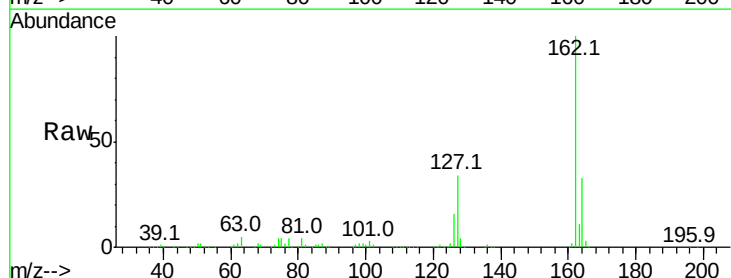
Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Tgt Ion:162 Resp: 956066

Ion	Ratio	Lower	Upper
162	100		
127	34.1	28.3	42.5
164	33.4	27.0	40.4

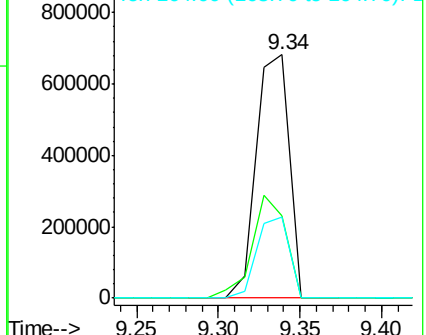
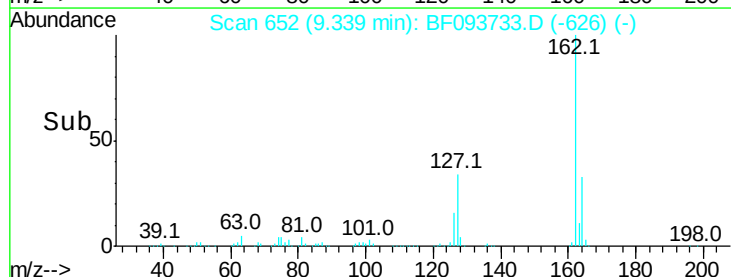


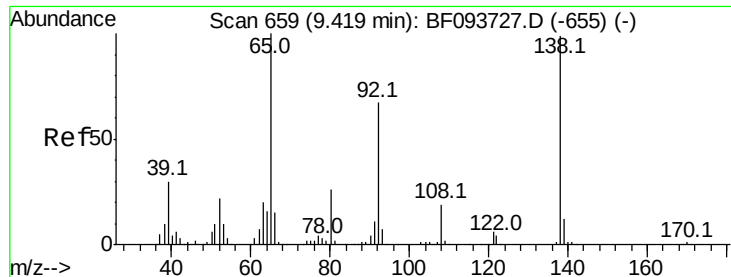
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

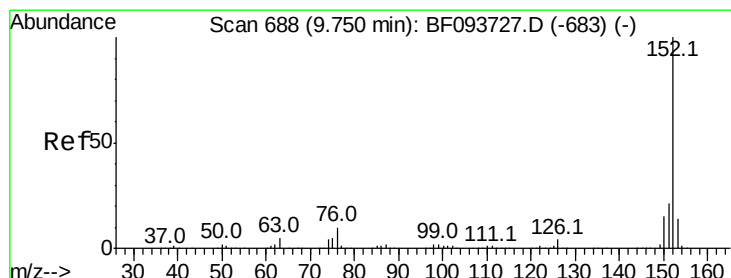
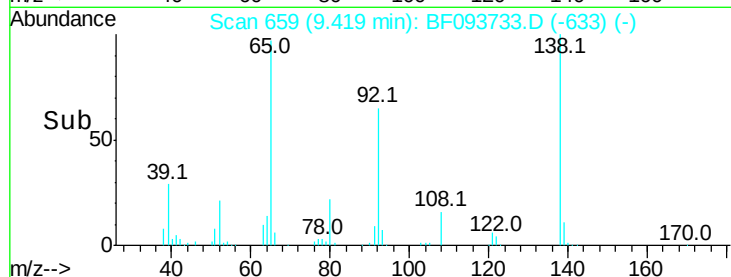
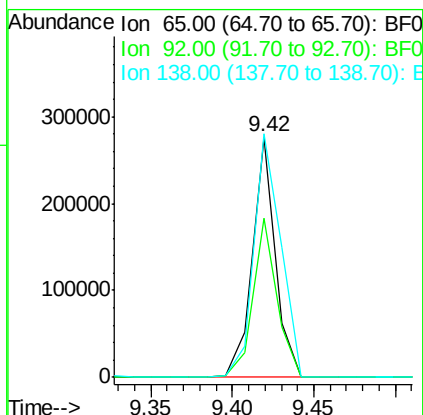
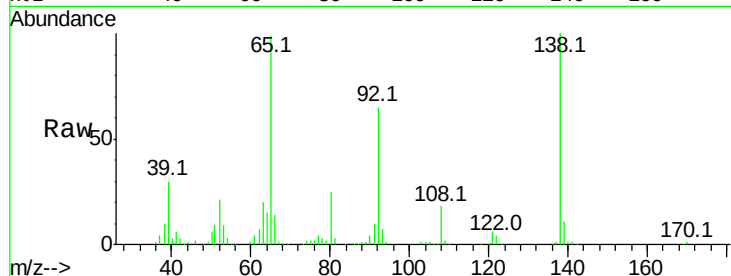




#47
2-Nitroaniline
Concen: 42.40 ng
RT: 9.42 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

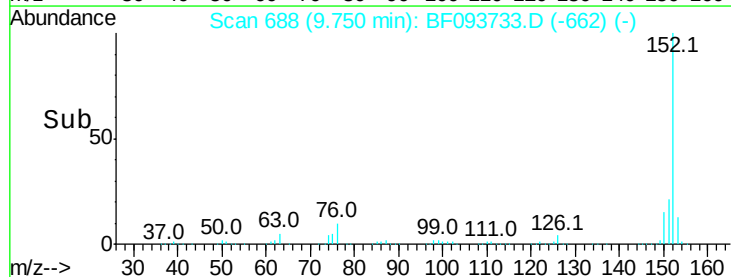
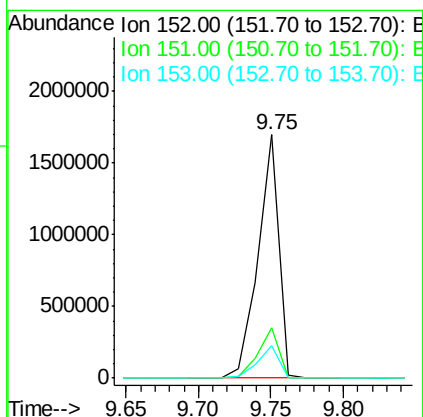
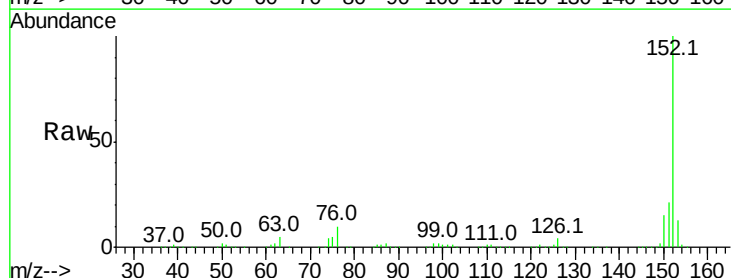
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

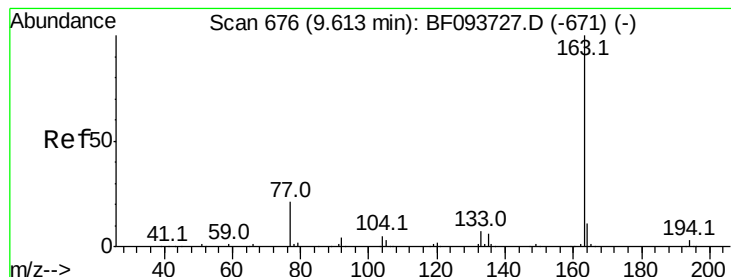
Tot Ion: 65 Resp: 269636
Ion Ratio Lower Upper
65 100
92 66.3 53.9 80.9
138 101.3 78.8 118.2



#48
Acenaphthylene
Concen: 46.86 ng
RT: 9.75 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Tgt Ion: 152 Resp: 1679500
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 13.5 10.8 16.2





#49

Dimethylphthalate

Concen: 41.99 ng

RT: 9.61 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

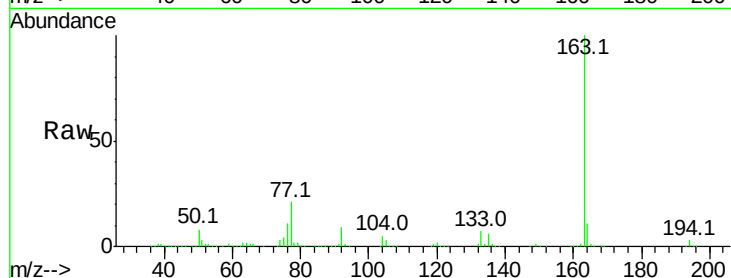
Tot Ion:163 Resp: 1071473

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

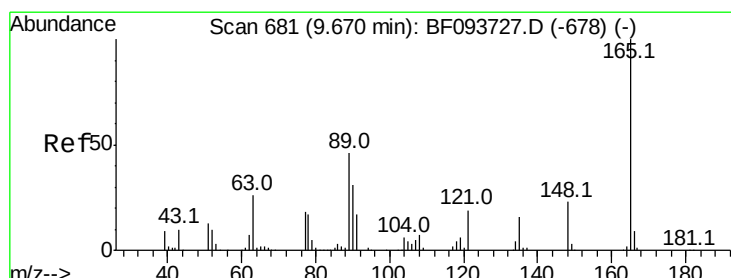
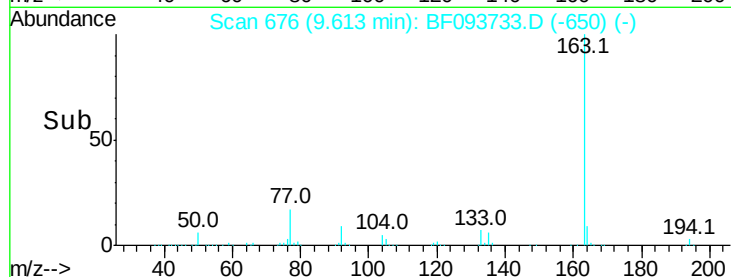
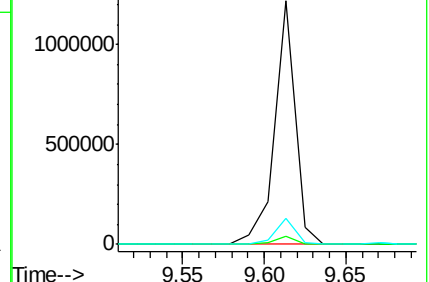
164 10.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.10 ng

RT: 9.67 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

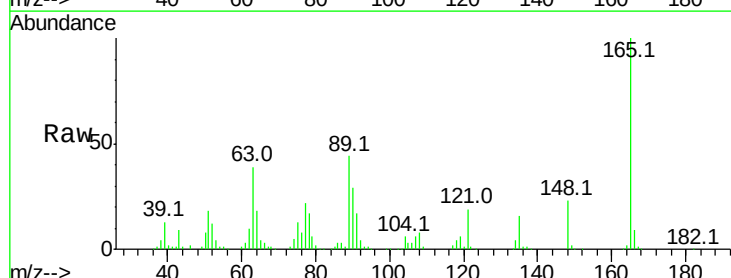
Tgt Ion:165 Resp: 281642

Ion Ratio Lower Upper

165 100

63 39.1 34.3 51.5

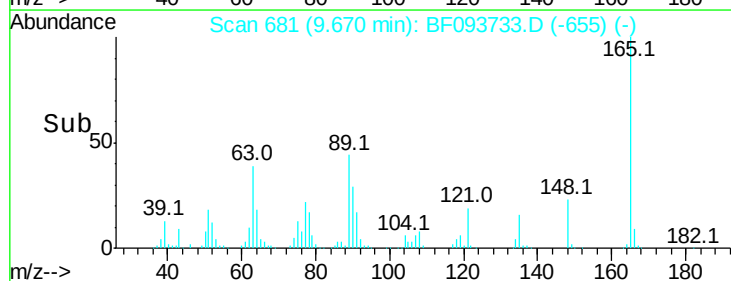
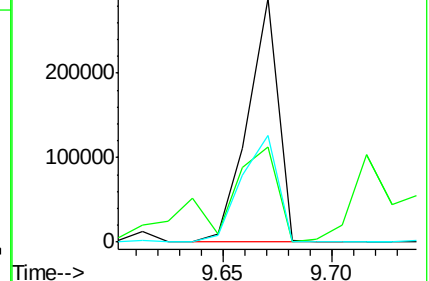
89 43.8 37.1 55.7

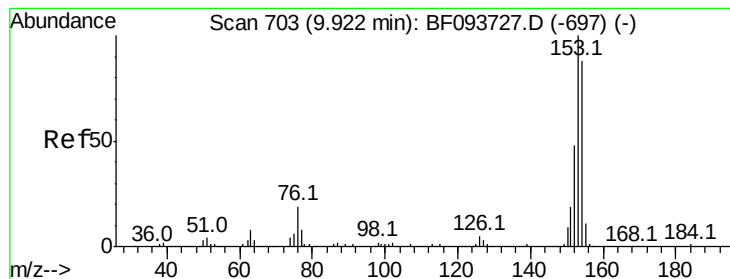


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.71 ng

RT: 9.92 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

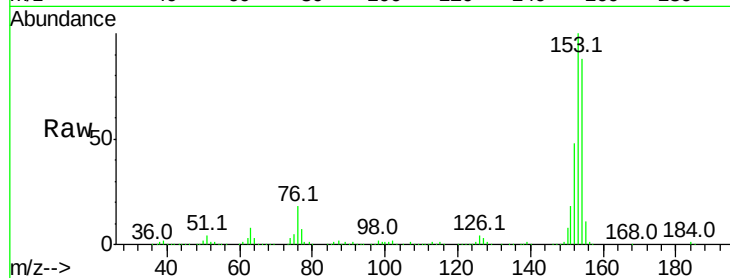
Tot Ion:154 Resp: 965524

Ion Ratio Lower Upper

154 100

153 113.5 90.5 135.7

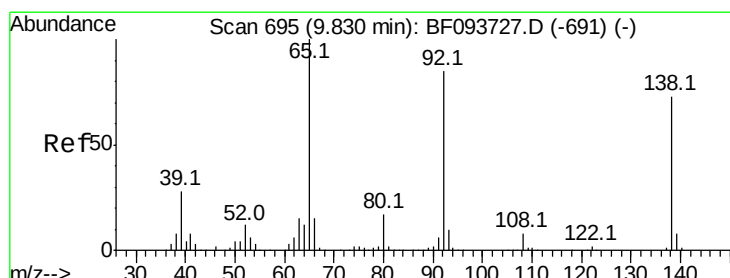
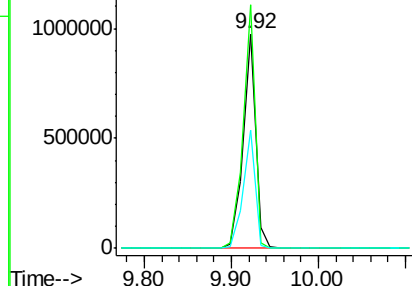
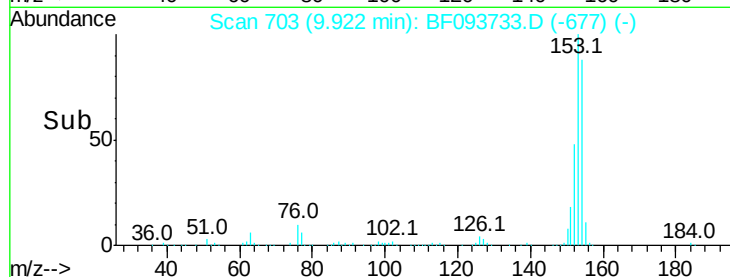
152 54.8 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.73 ng

RT: 9.83 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

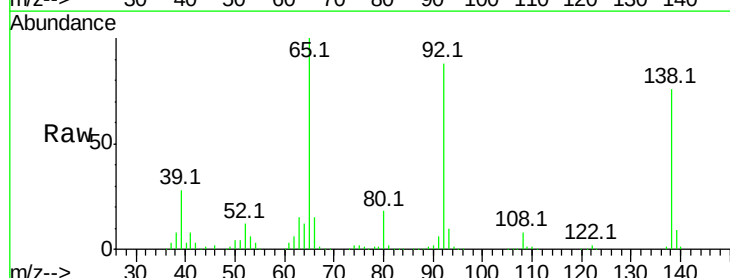
Tgt Ion:138 Resp: 272870

Ion Ratio Lower Upper

138 100

108 11.2 9.1 13.7

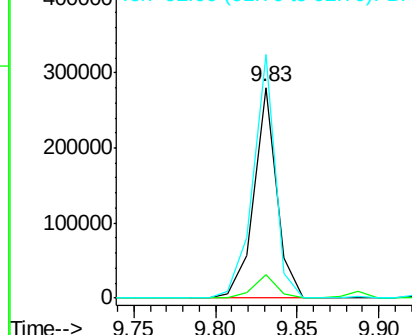
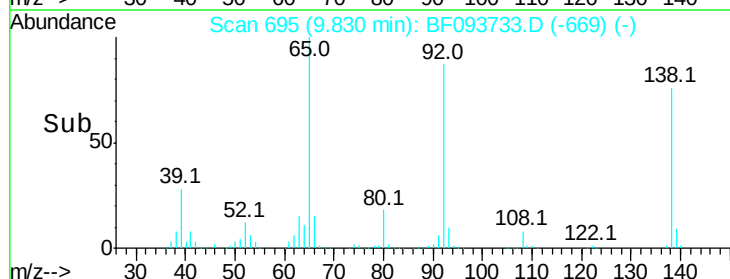
92 115.7 93.8 140.6

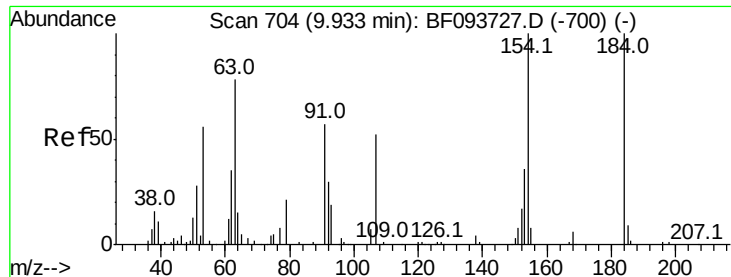


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

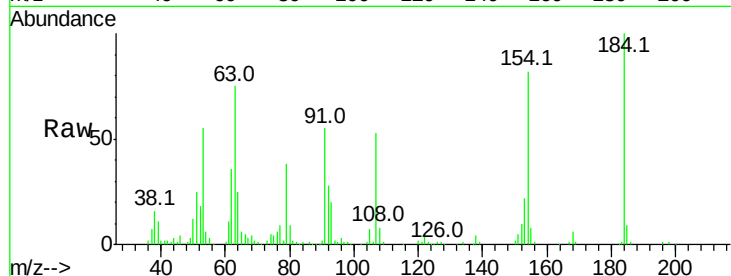




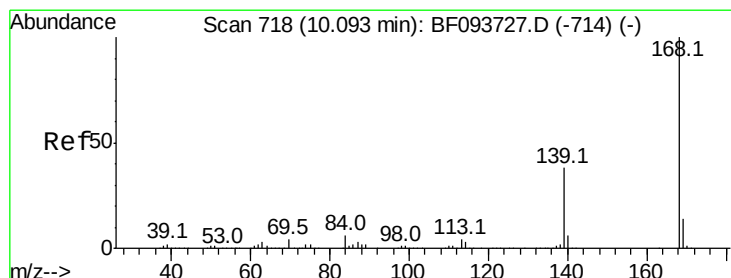
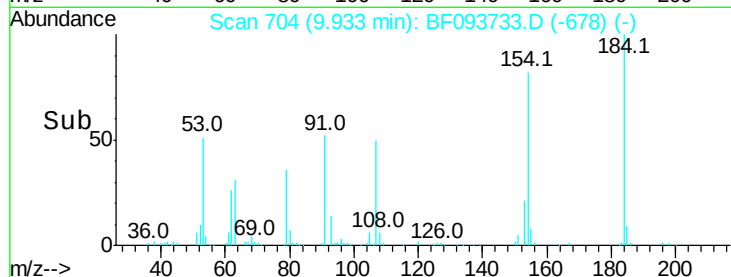
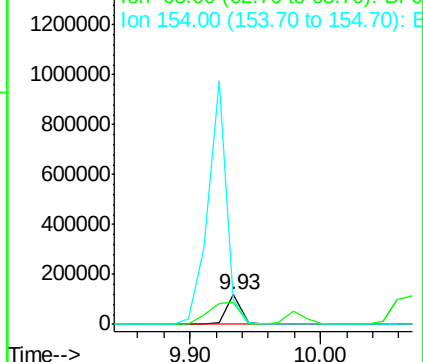
#53
2,4-Dinitrophenol
Concen: 47.87 ng
RT: 9.93 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 95325
Ion Ratio Lower Upper
184 100
63 74.8 62.7 94.1
154 82.4 81.1 121.7

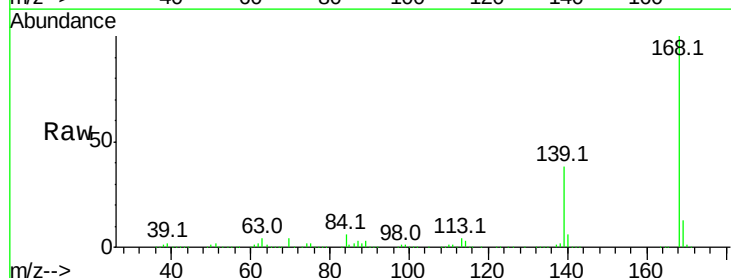


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

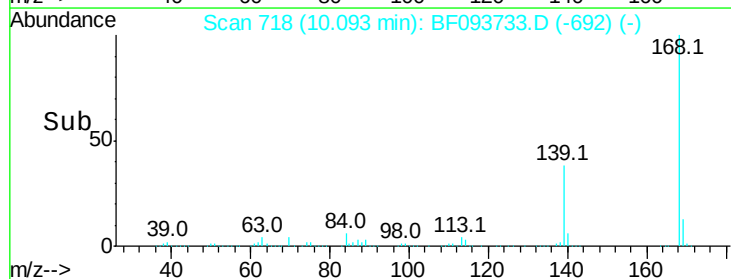
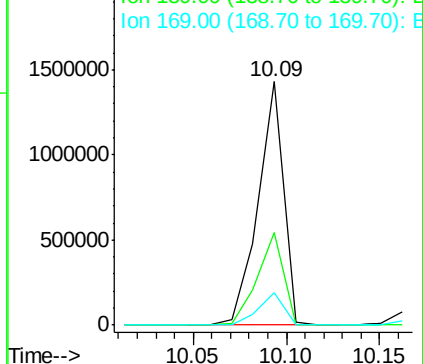


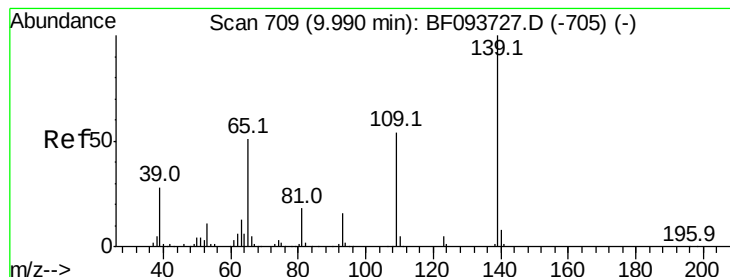
#54
Dibenzofuran
Concen: 46.65 ng
RT: 10.09 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Tgt Ion:168 Resp: 1339463
Ion Ratio Lower Upper
168 100
139 38.1 30.6 45.8
169 13.3 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 48.97 ng

RT: 9.98 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

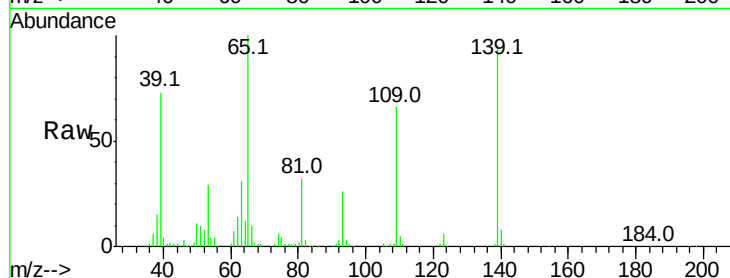
Tot Ion:139 Resp: 241542

Ion Ratio Lower Upper

139 100

109 69.3 34.1 74.1

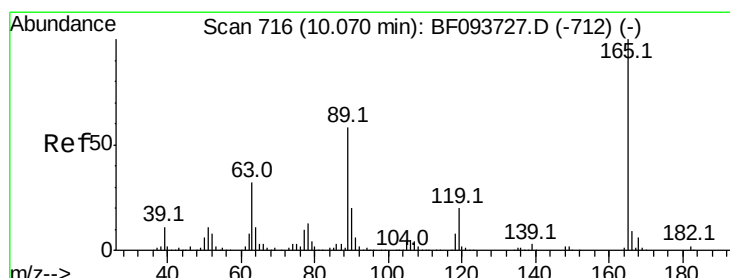
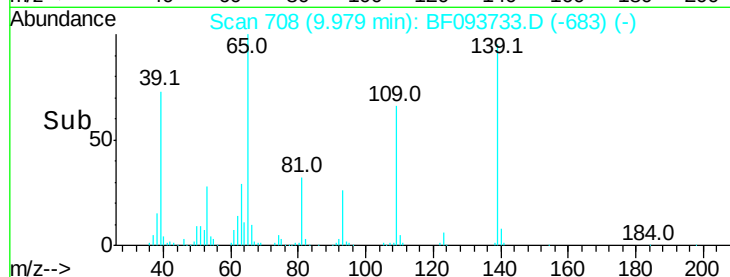
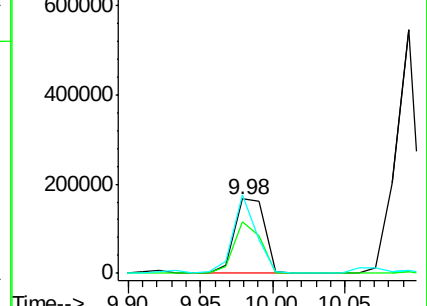
65 105.3 31.4 71.4#



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: 50.68 ng

RT: 10.07 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Tgt Ion:165 Resp: 371793

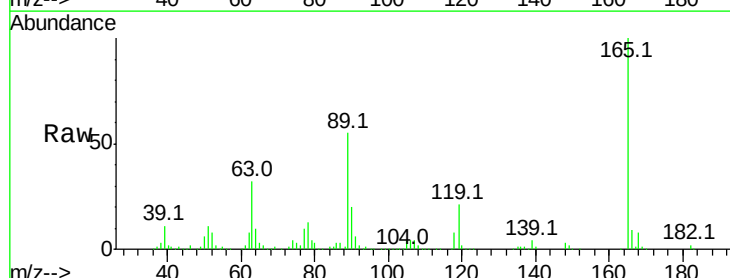
Ion Ratio Lower Upper

165 100

63 31.6 25.4 38.0

89 55.4 46.4 69.6

182 2.2 1.8 2.6

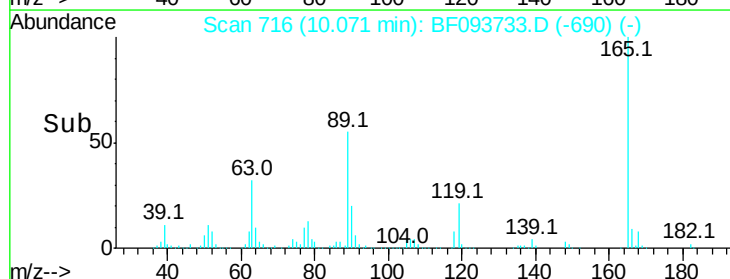
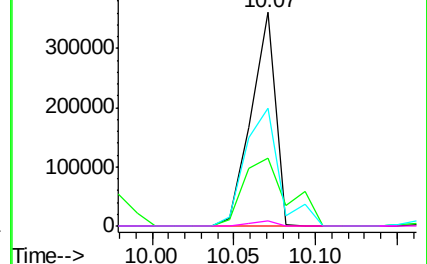


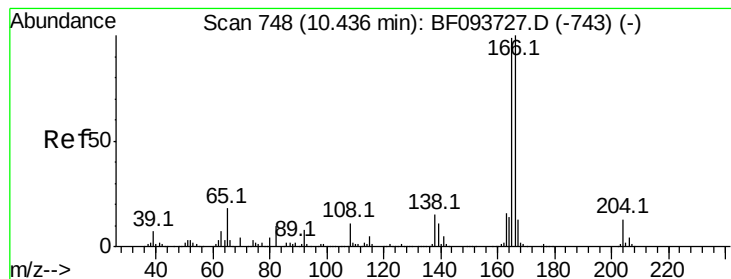
Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.38 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

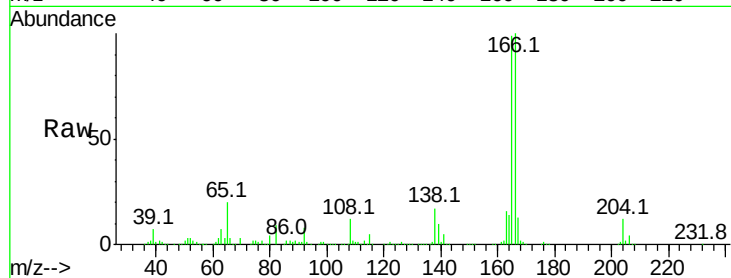
Tot Ion:166 Resp: 1010298

Ion Ratio Lower Upper

166 100

165 99.1 78.8 118.2

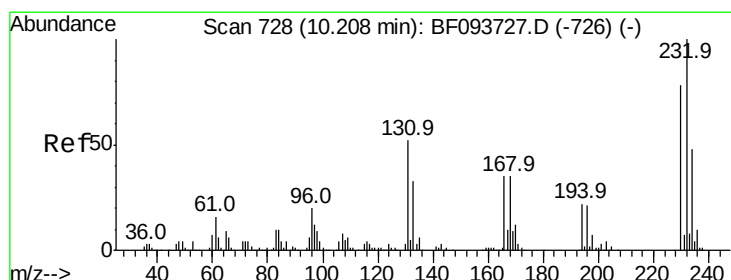
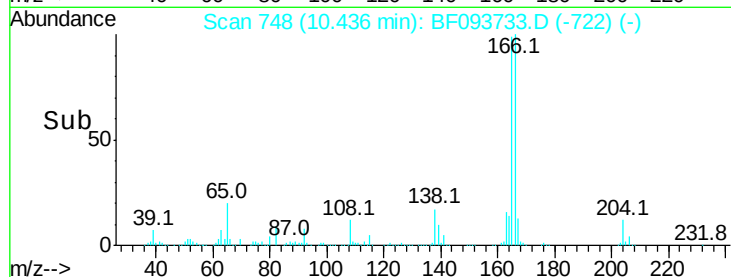
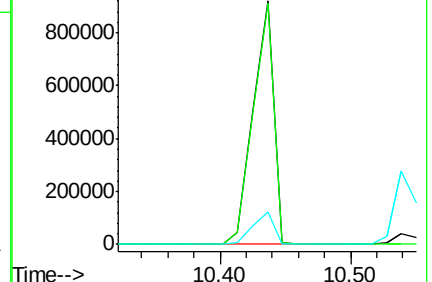
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.02 ng

RT: 10.21 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Tgt Ion:232 Resp: 234395

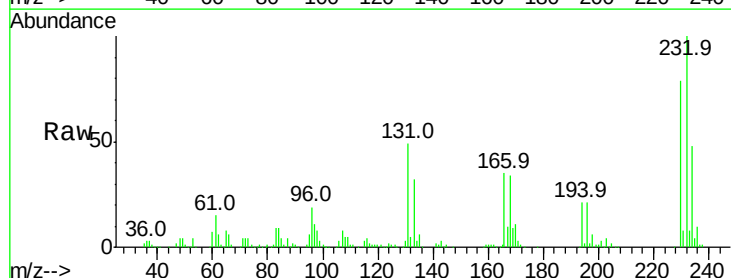
Ion Ratio Lower Upper

232 100

131 54.6 44.8 67.2

130 2.8 2.3 3.5

166 36.5 29.0 43.4

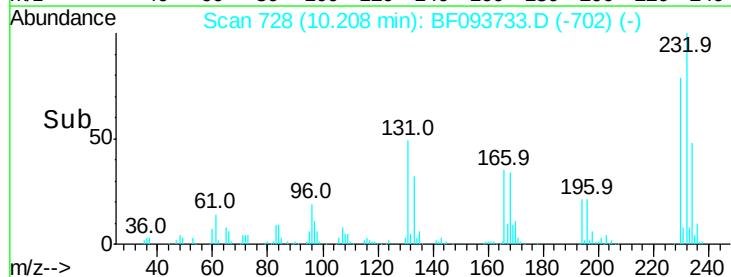
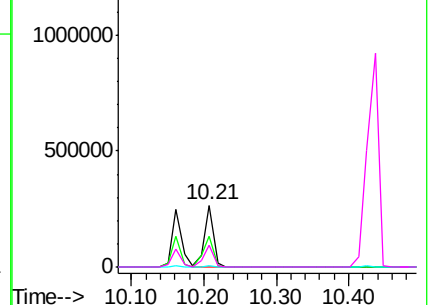


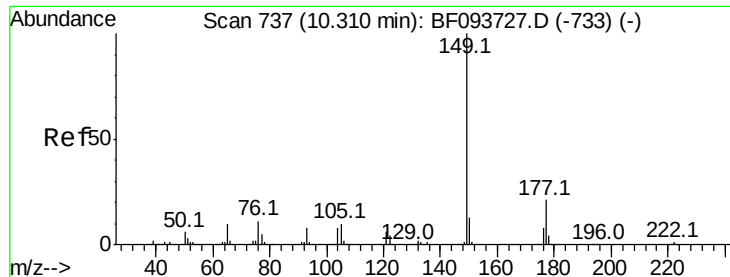
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

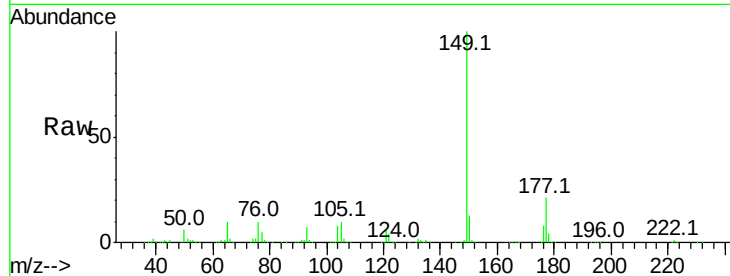




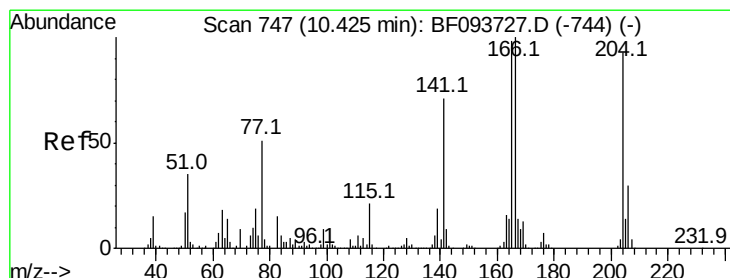
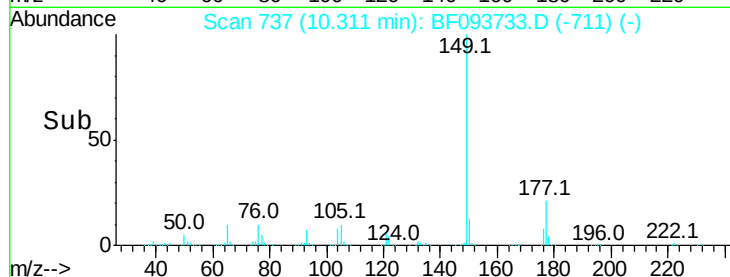
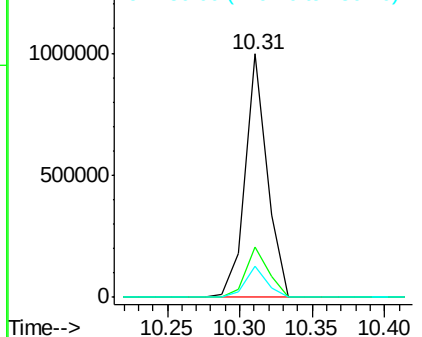
#59
Diethylphthalate
Concen: 43.25 ng
RT: 10.31 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1050457
Ion Ratio Lower Upper
149 100
177 20.7 16.7 25.1
150 12.9 10.2 15.2

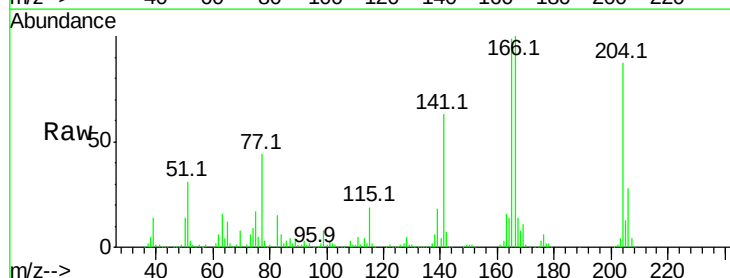


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

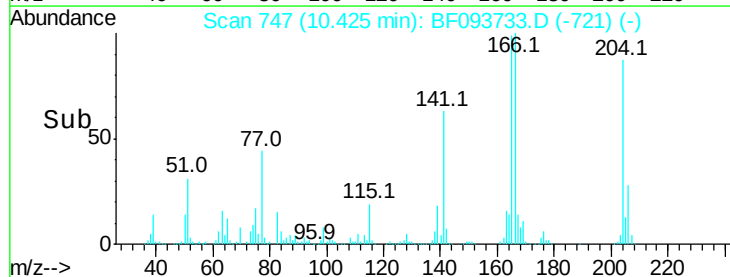
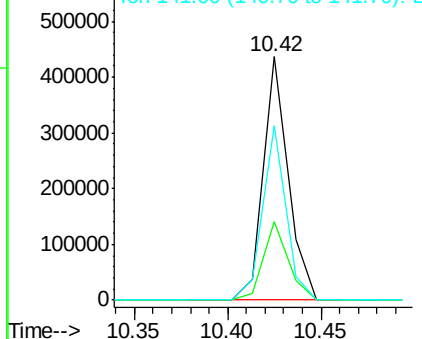


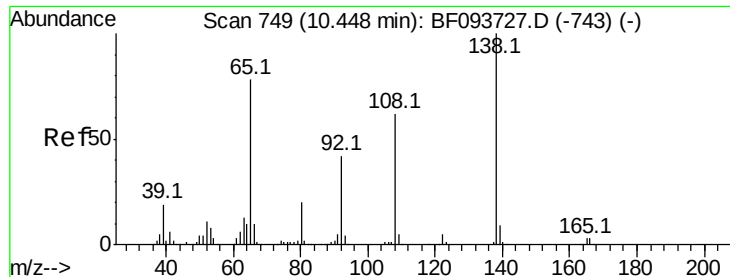
#60
4-Chlorophenyl-phenylether
Concen: 40.64 ng
RT: 10.42 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Tgt Ion:204 Resp: 398821
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 71.8 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

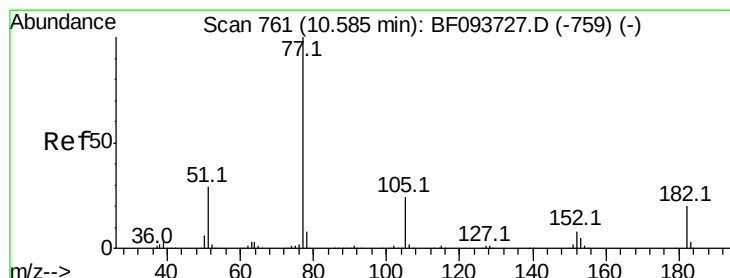
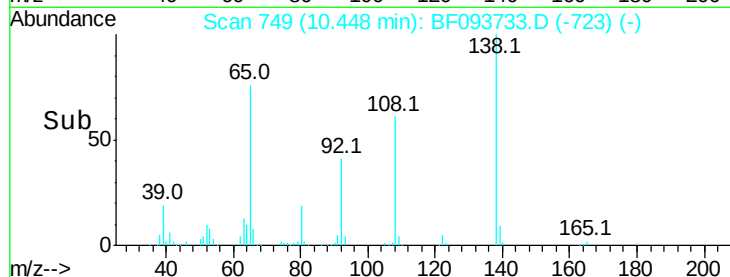
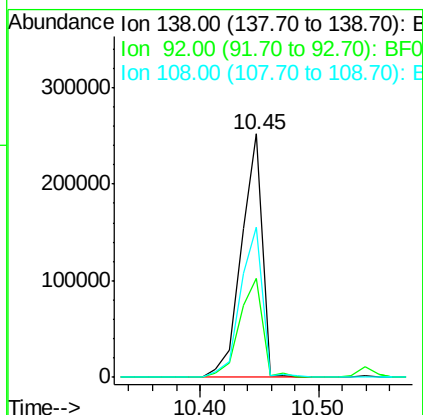
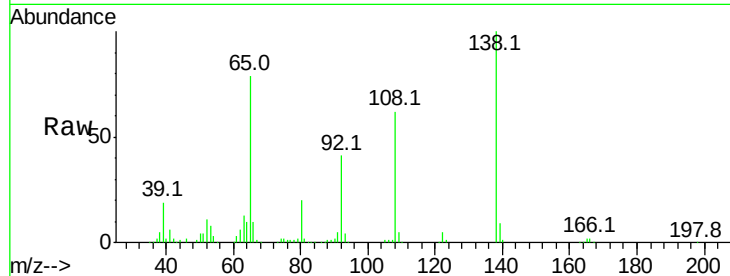




#61
4-Nitroaniline
Concen: 50.41 ng
RT: 10.45 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

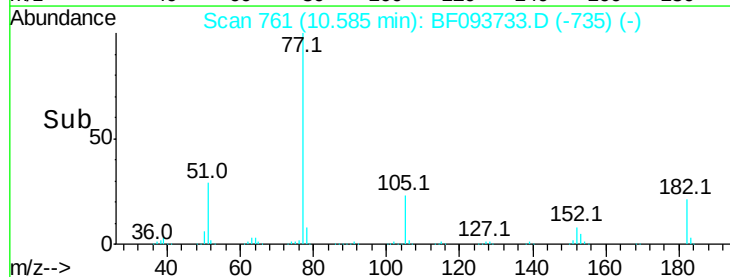
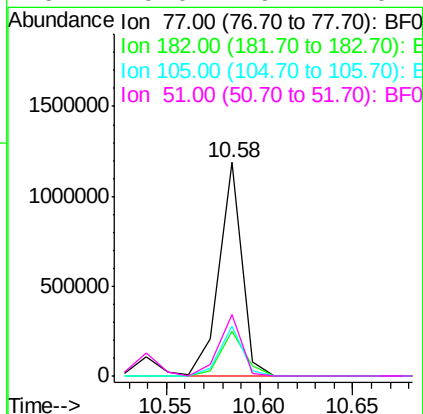
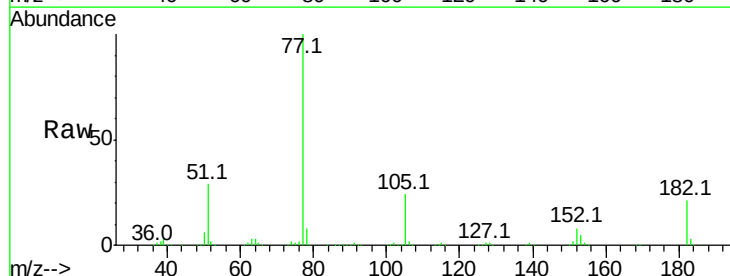
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

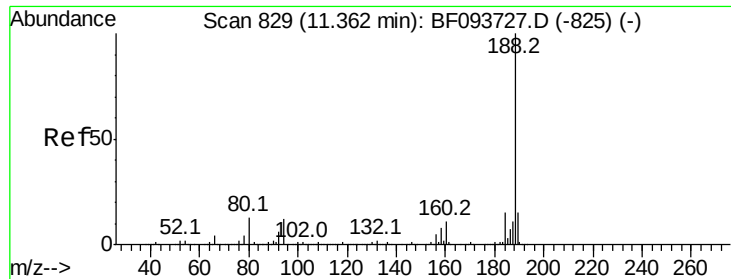
Tot Ion:138 Resp: 306723
Ion Ratio Lower Upper
138 100
92 40.5 21.8 61.8
108 61.8 42.3 82.3



#62
Azobenzene
Concen: 41.32 ng
RT: 10.58 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Tgt Ion: 77 Resp: 1013907
Ion Ratio Lower Upper
77 100
182 21.1 0.1 40.1
105 23.5 3.6 43.6
51 29.0 9.4 49.4

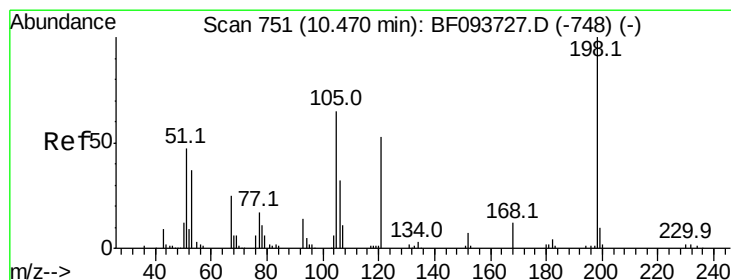
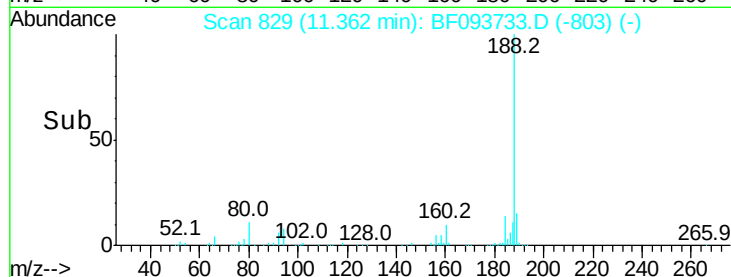
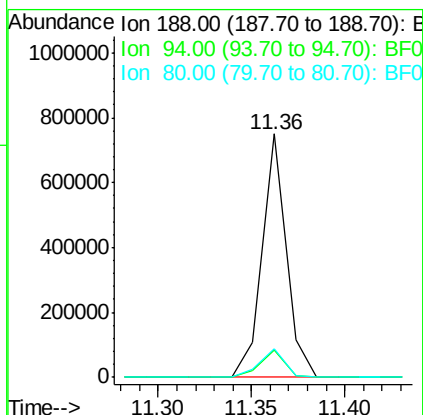
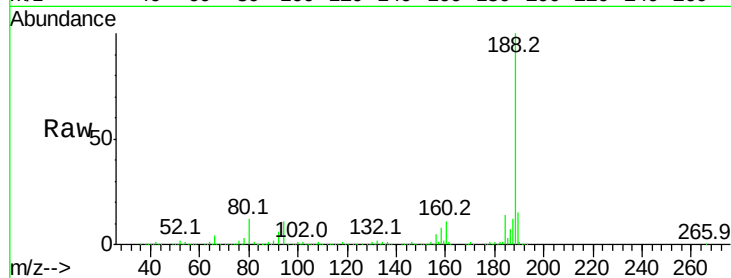




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

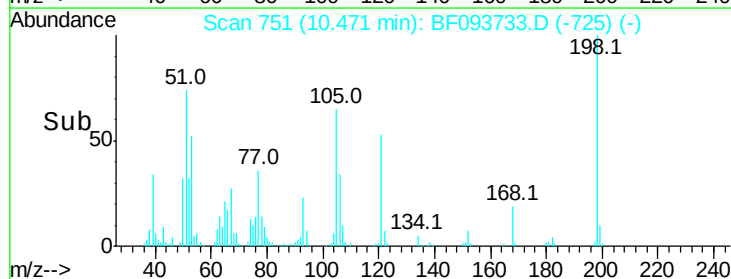
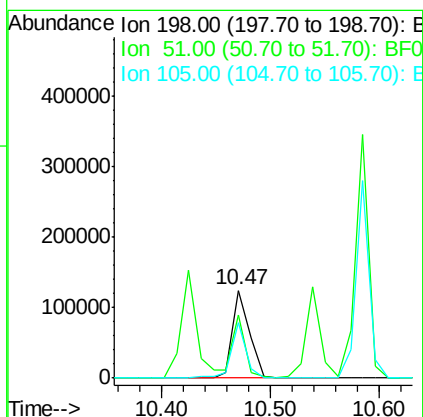
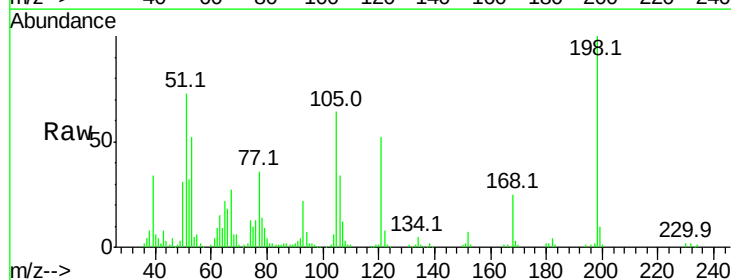
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

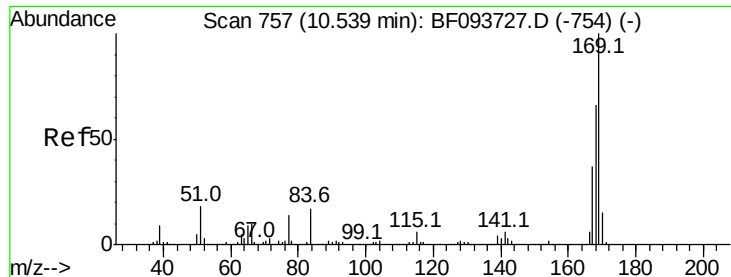
Tot Ion:188 Resp: 671499
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 38.10 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Tgt Ion:198 Resp: 133370
Ion Ratio Lower Upper
198 100
51 72.6 53.2 93.2
105 63.8 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 38.59 ng

RT: 10.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

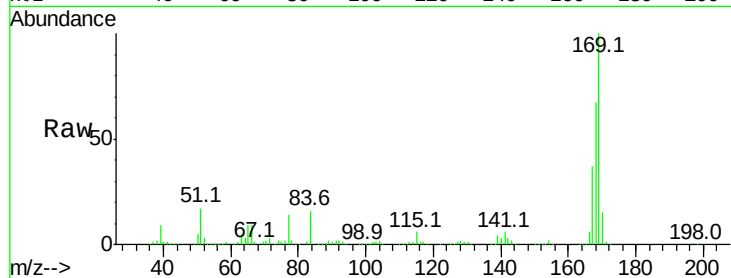
Tot Ion:169 Resp: 874662

Ion Ratio Lower Upper

169 100

168 67.4 53.2 79.8

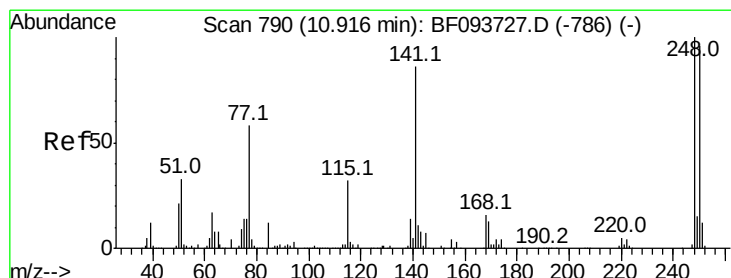
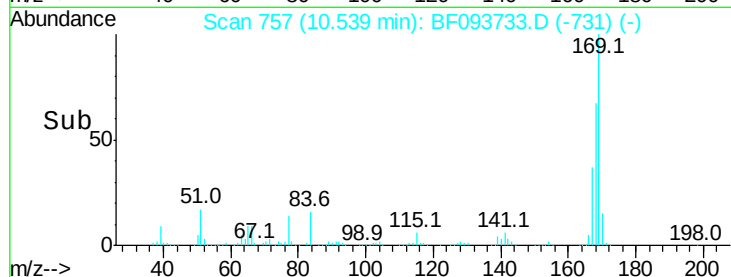
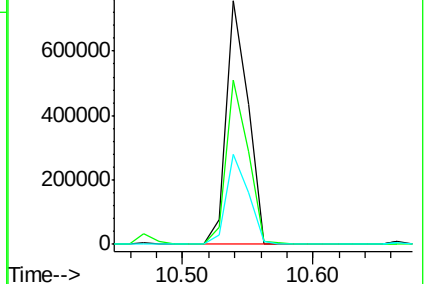
167 36.9 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.41 ng

RT: 10.92 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

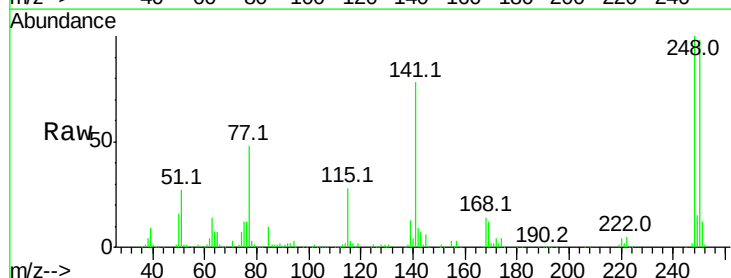
Tgt Ion:248 Resp: 269224

Ion Ratio Lower Upper

248 100

250 98.5 76.8 115.2

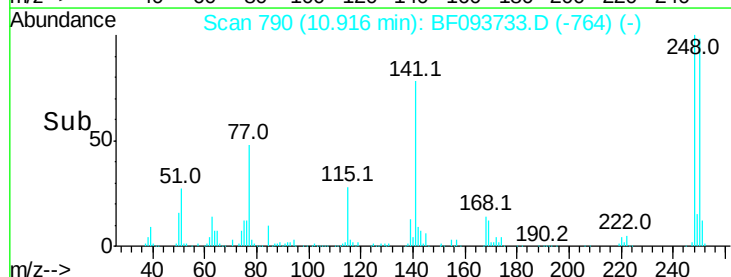
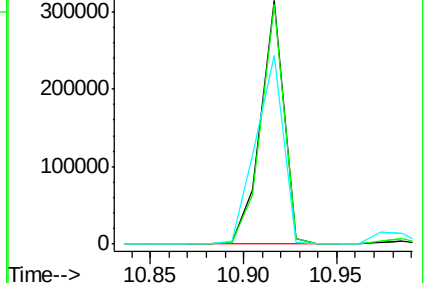
141 77.7 68.6 103.0

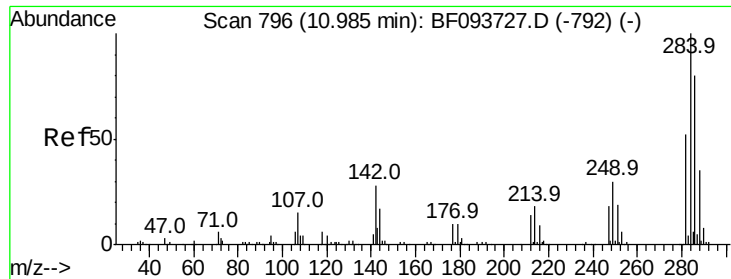


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

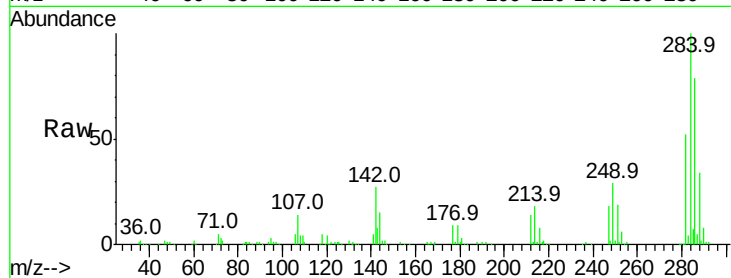




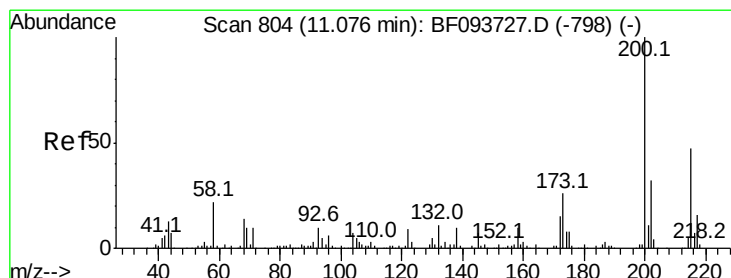
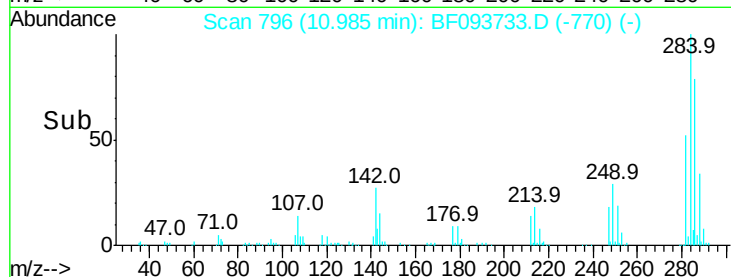
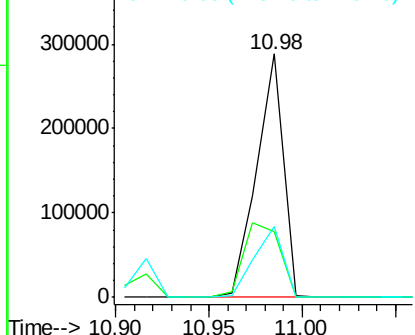
#67
Hexachlorobenzene
Concen: 43.06 ng
RT: 10.98 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
284	100		
142	27.2	22.8	34.2
249	29.0	24.0	36.0

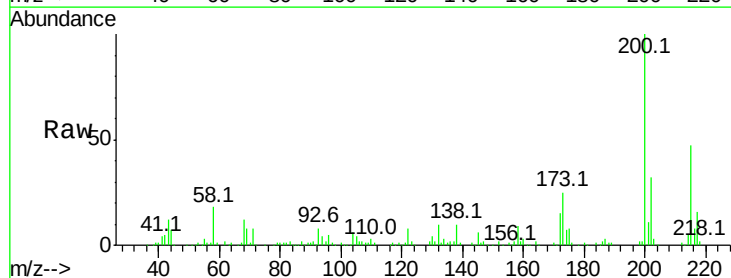


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

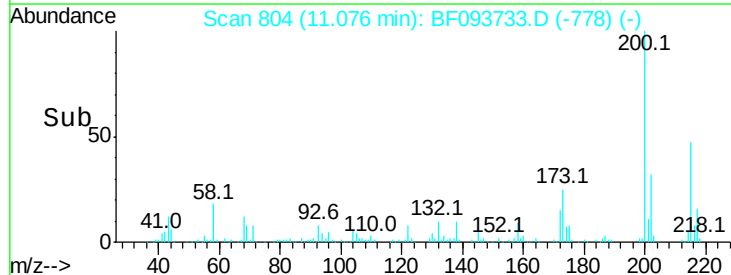
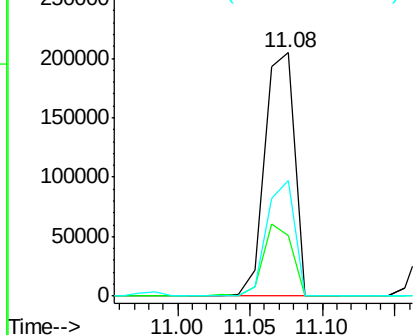


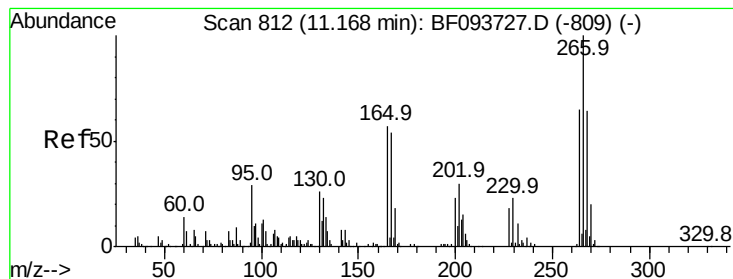
#68
Atrazine
Concen: 44.36 ng
RT: 11.08 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.8	6.3	46.3
215	47.3	27.2	67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 44.01 ng

RT: 11.17 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

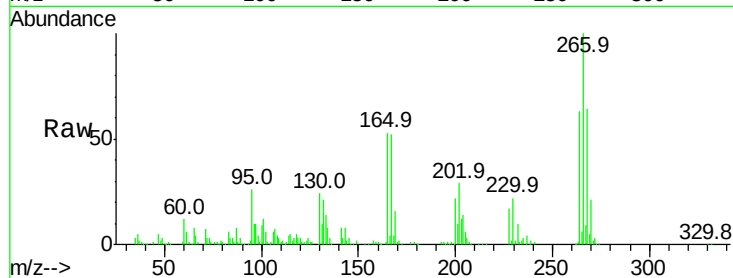
Tot Ion:266 Resp: 167279

Ion Ratio Lower Upper

266 100

268 64.0 51.1 76.7

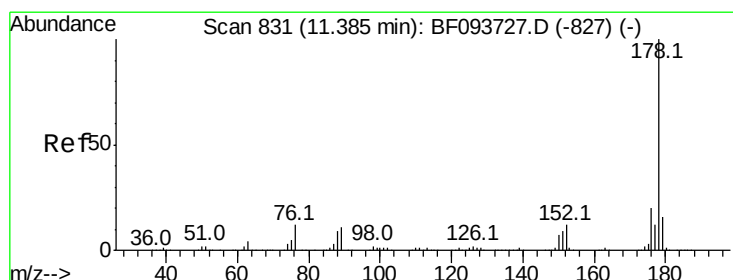
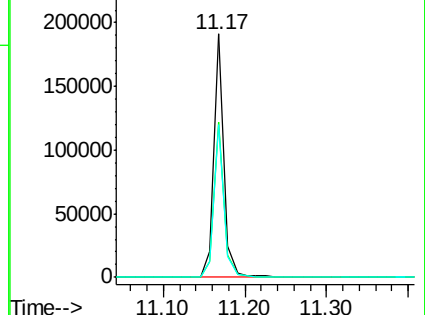
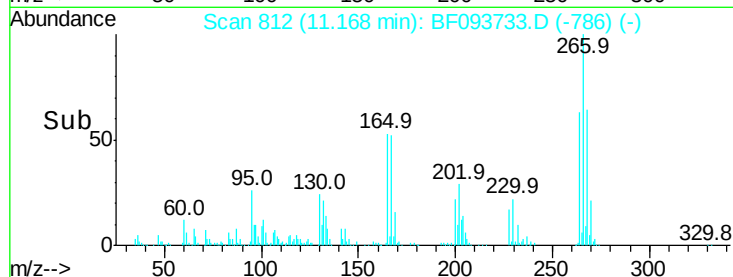
264 62.9 51.7 77.5



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: 35.87 ng

RT: 11.38 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

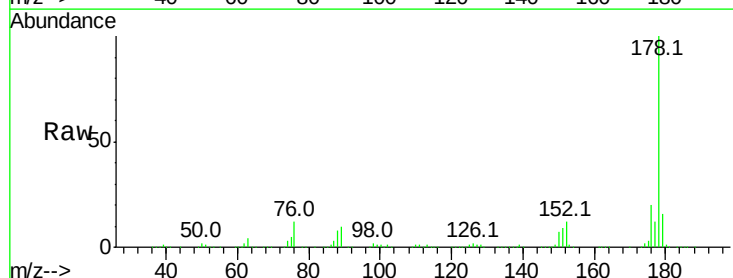
Tgt Ion:178 Resp: 1361882

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

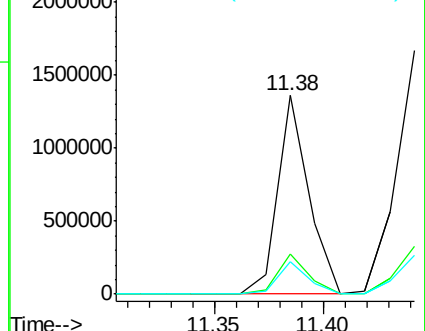
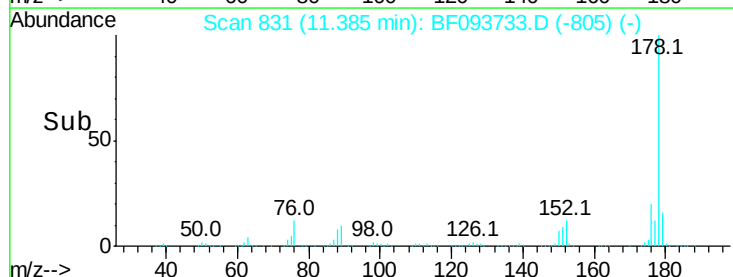
179 16.1 12.6 19.0

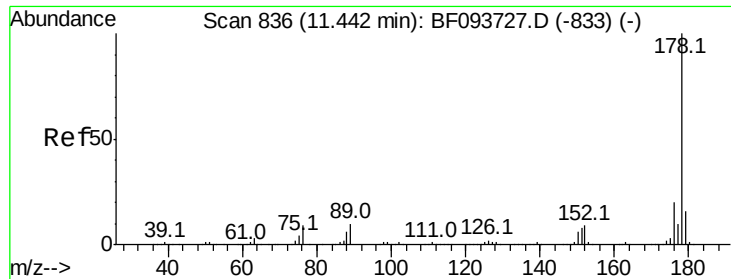


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

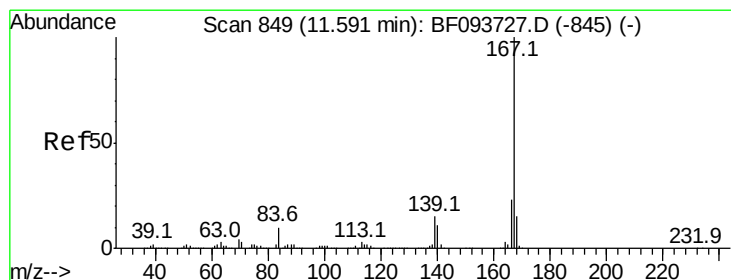
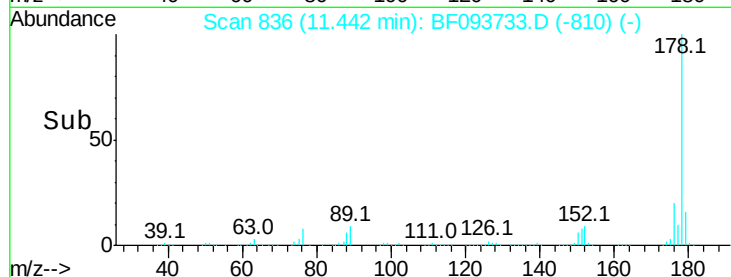
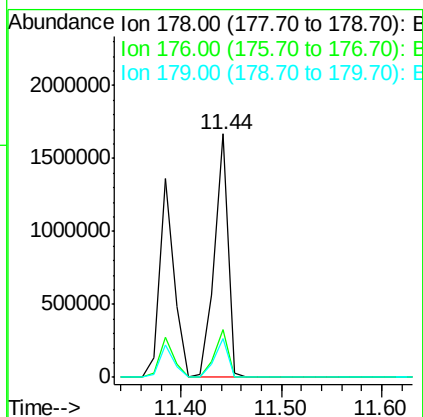
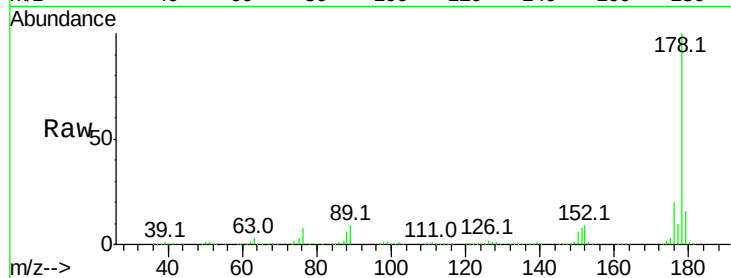




#71
 Anthracene
 Concen: 42.27 ng
 RT: 11.44 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

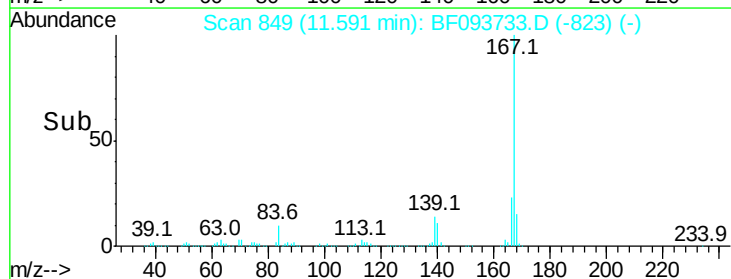
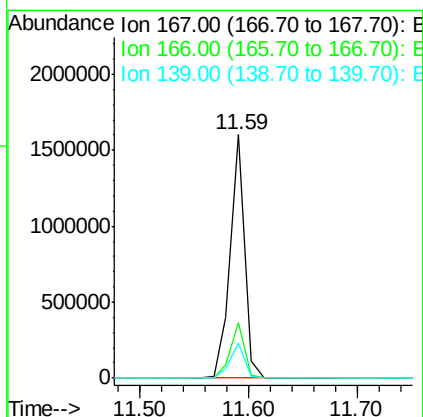
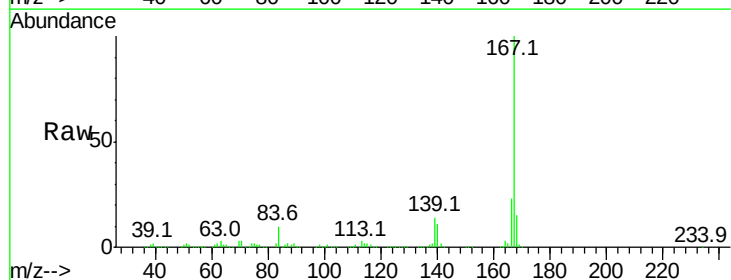
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

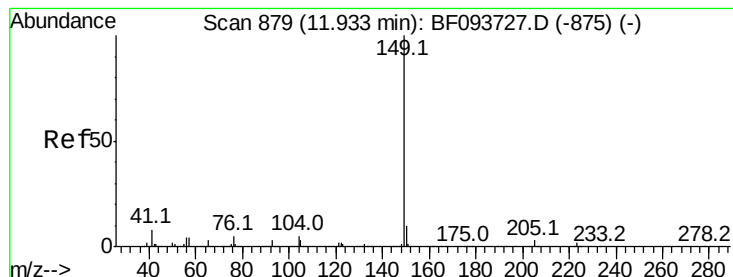
Tot Ion:178 Resp: 1570389
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 37.61 ng
 RT: 11.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Tgt Ion:167 Resp: 1462607
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 14.5 11.7 17.5





#73

Di-n-butylphthalate

Concen: 39.23 ng

RT: 11.93 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

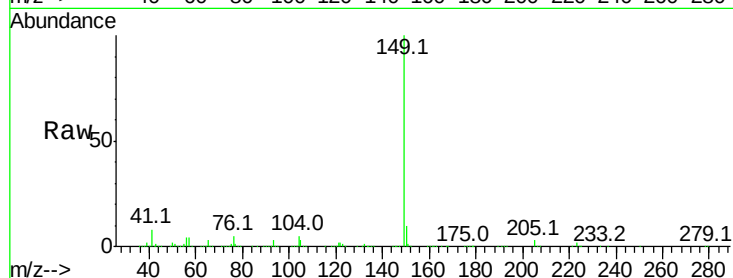
Tot Ion:149 Resp: 1559401

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

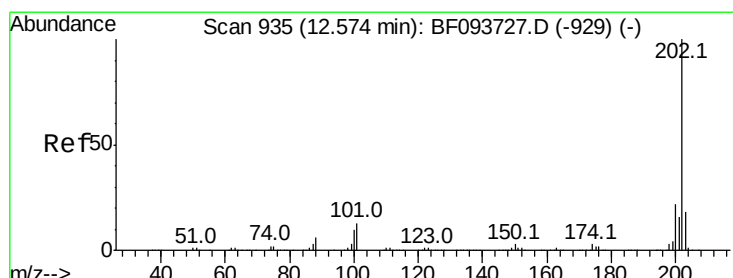
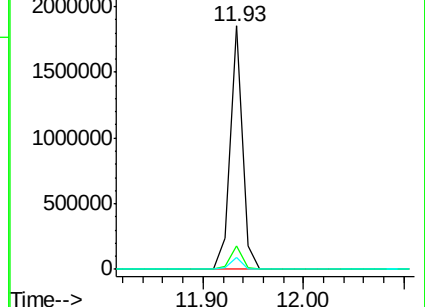
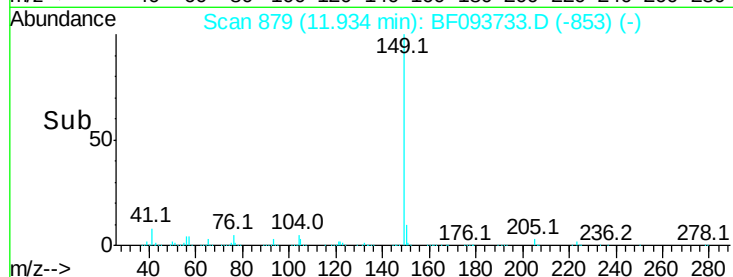
104 5.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.84 ng

RT: 12.57 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

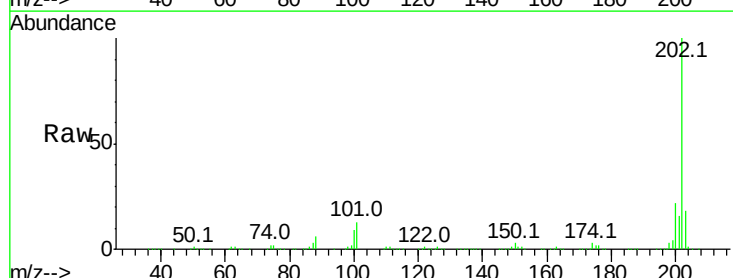
Tgt Ion:202 Resp: 1539240

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.2

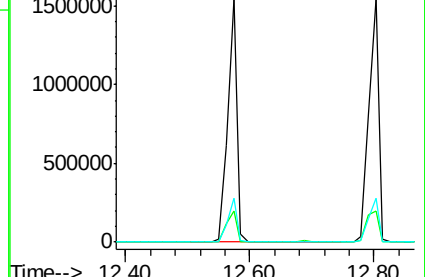
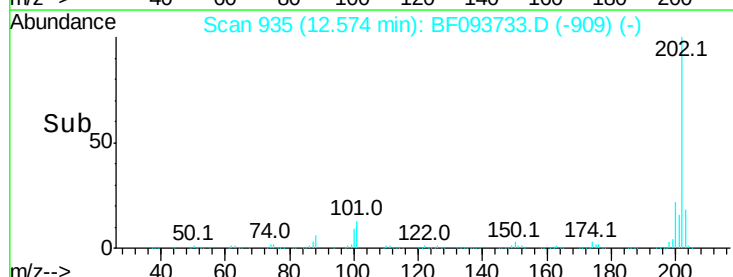
203 18.0 0.0 38.1

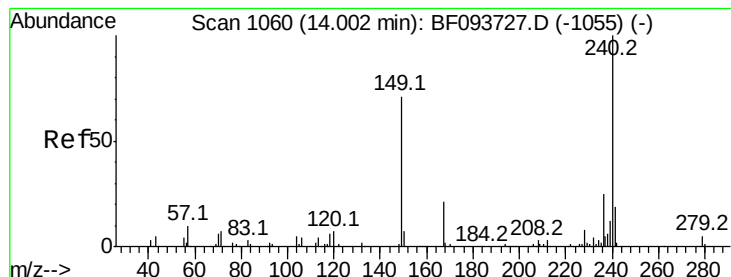


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

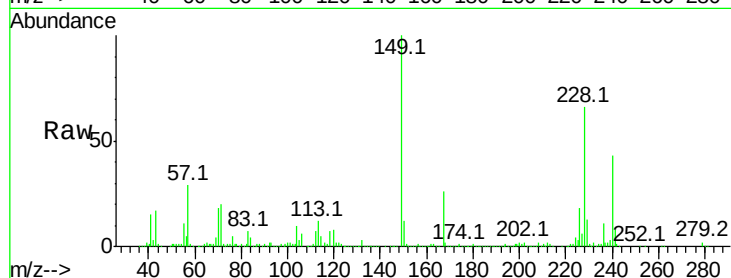
Tot Ion:240 Resp: 439498

Ion Ratio Lower Upper

240 100

120 19.4 5.8 8.8#

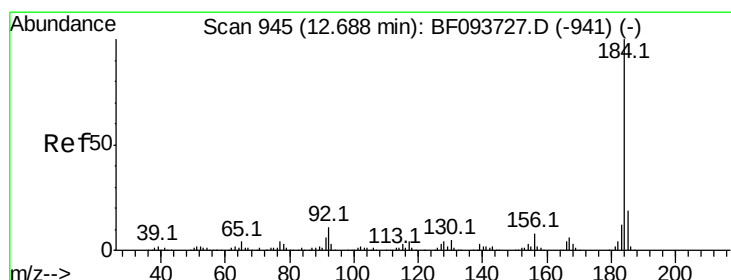
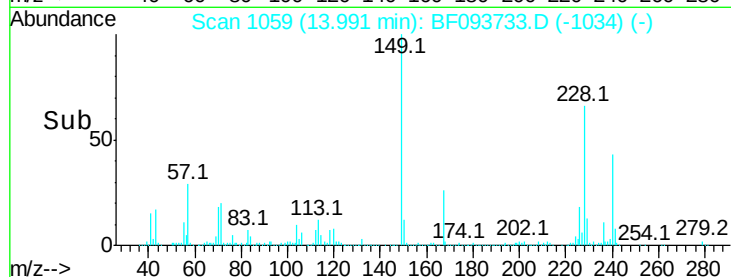
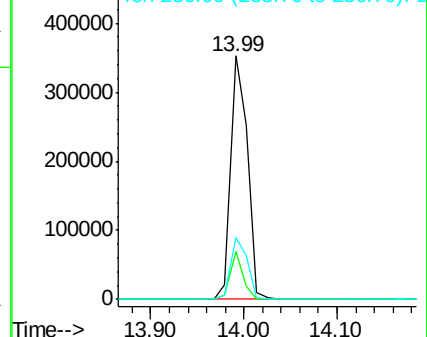
236 25.6 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.64 ng

RT: 12.69 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

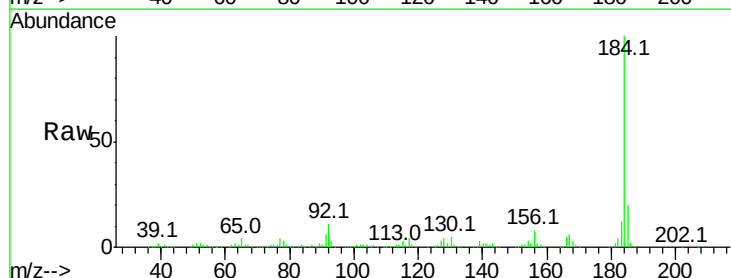
Tgt Ion:184 Resp: 697935

Ion Ratio Lower Upper

184 100

185 20.4 15.5 23.3

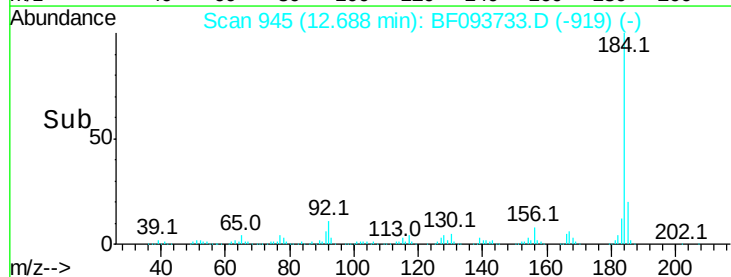
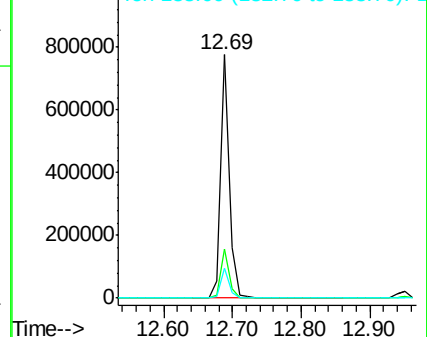
183 12.3 9.8 14.6

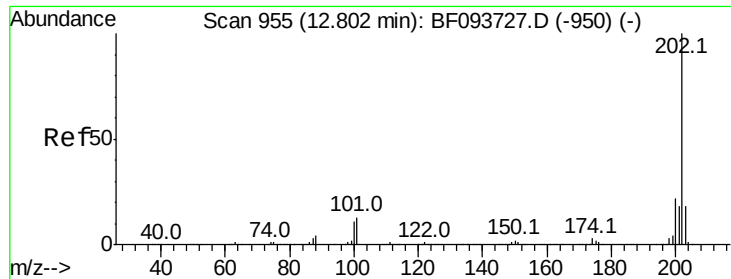


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

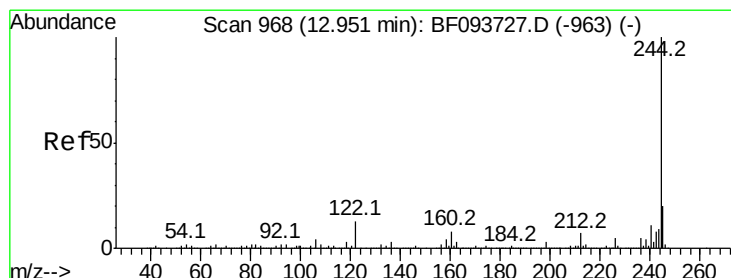
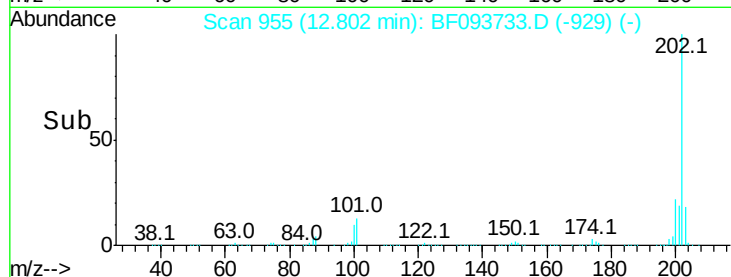
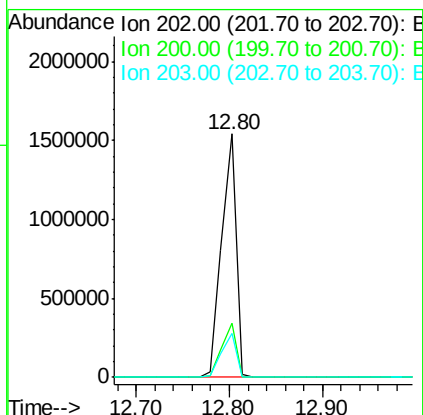
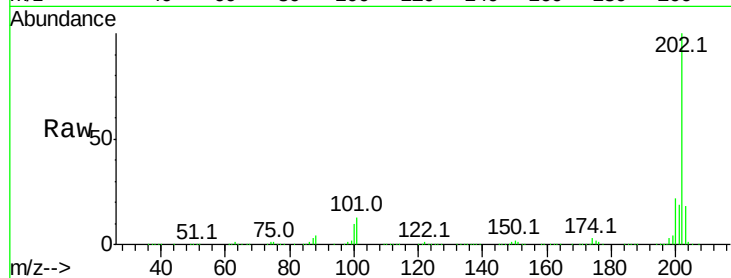




#77
Pvrene
Concen: 44.43 ng
RT: 12.80 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

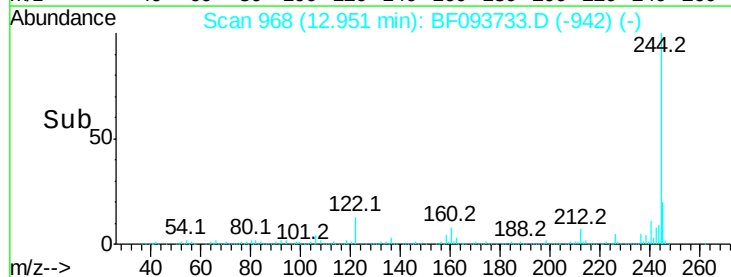
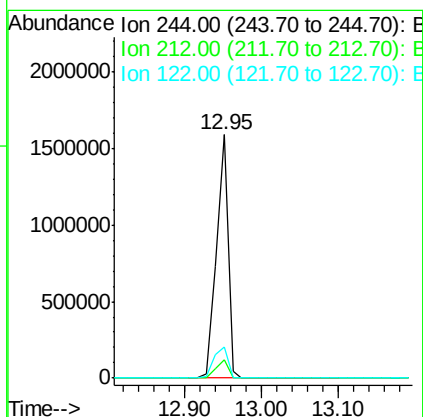
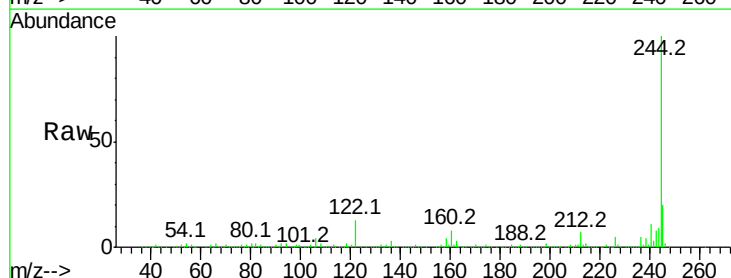
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

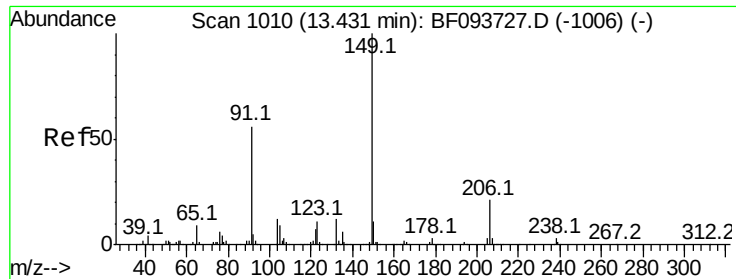
Tot Ion:202 Resp: 1660704
Ion Ratio Lower Upper
202 100
200 22.4 17.6 26.4
203 17.9 14.4 21.6



#78
Terphenyl-d14
Concen: 80.99 ng
RT: 12.95 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Tgt Ion:244 Resp: 1653674
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 12.5 10.3 15.5

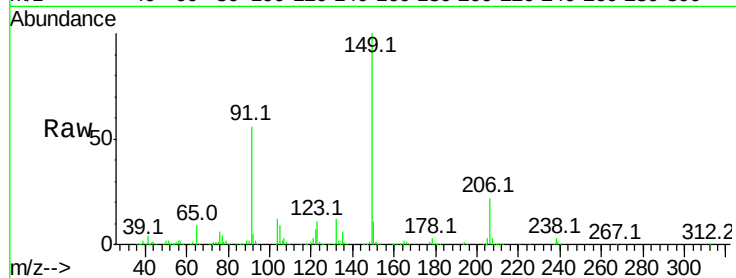




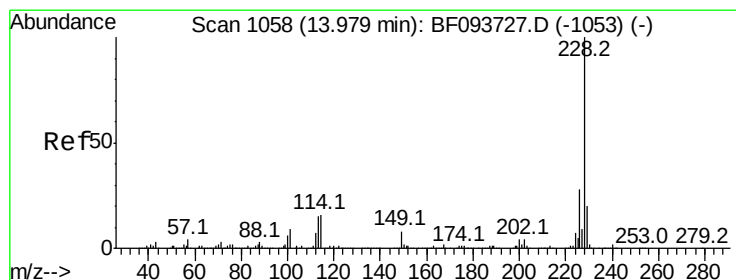
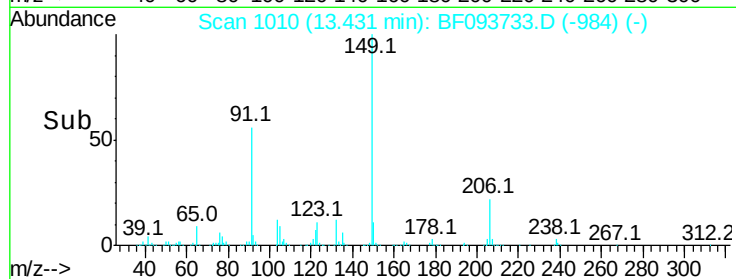
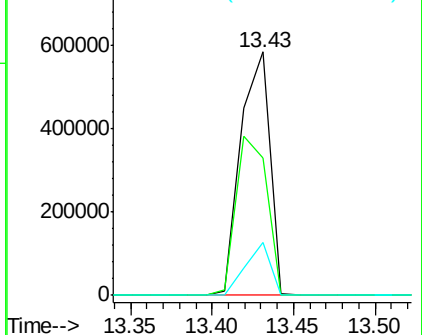
#79
Butylbenzylphthalate
Concen: 45.28 ng
RT: 13.43 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	56.2	45.0	67.4
206	21.8	17.0	25.6

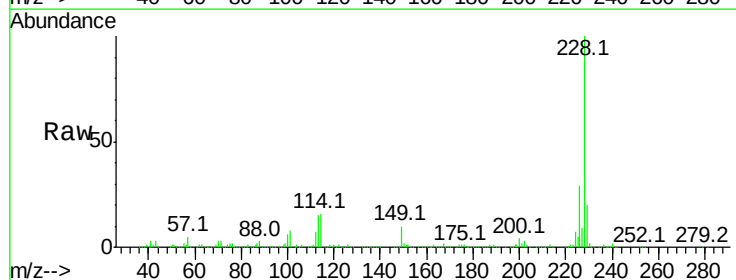


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

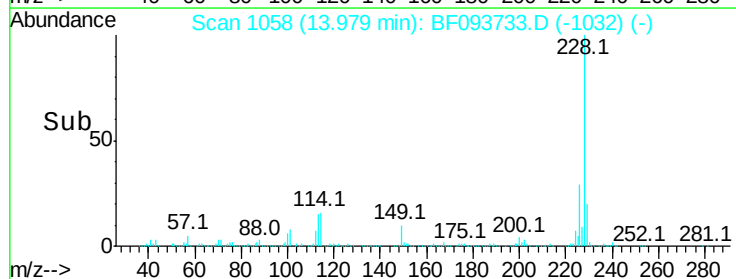
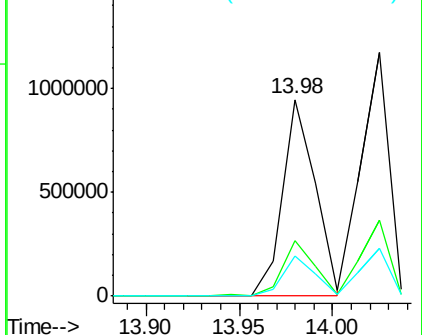


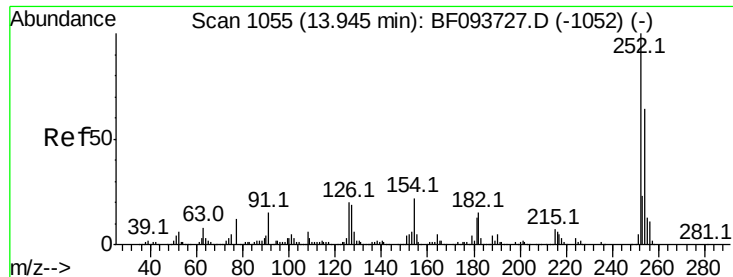
#80
Benzo(a)anthracene
Concen: 41.11 ng
RT: 13.98 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	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

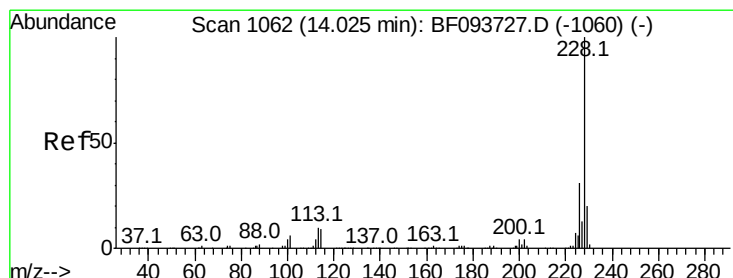
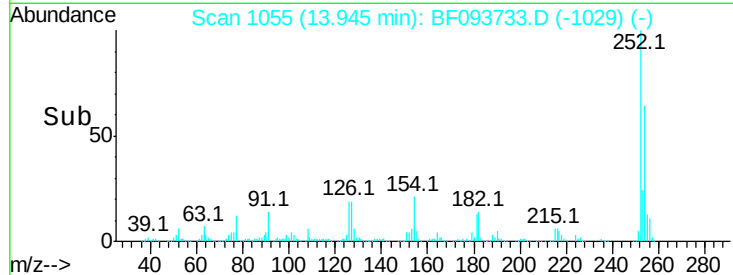
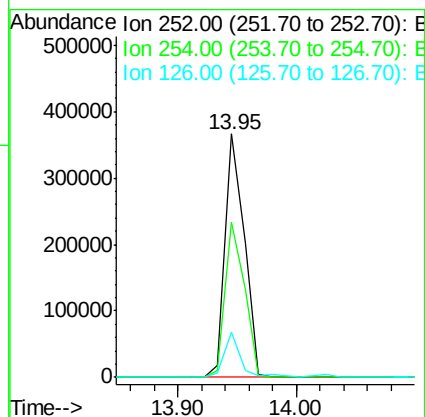
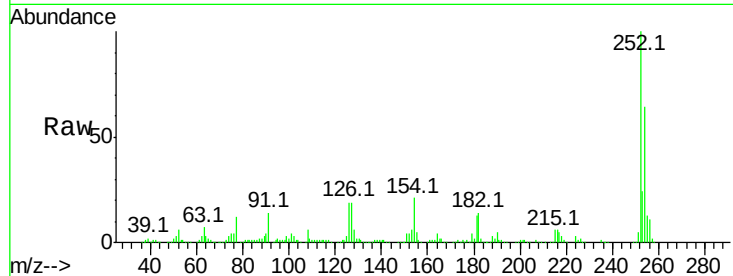




#81
 3,3'-Dichlorobenzidine
 Concen: 41.20 ng
 RT: 13.95 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

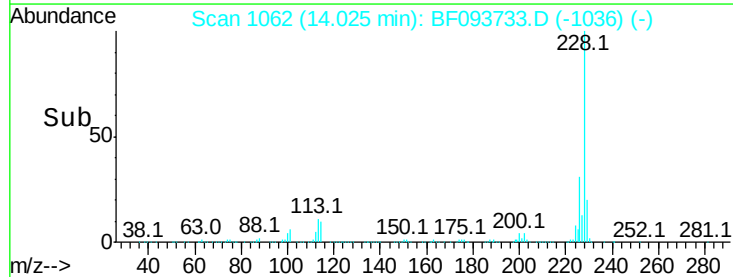
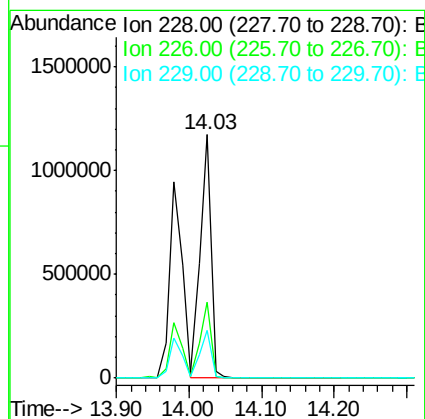
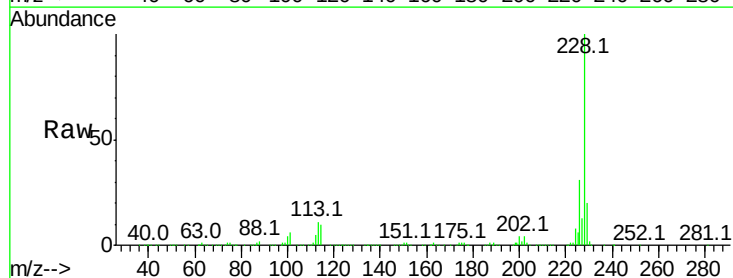
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

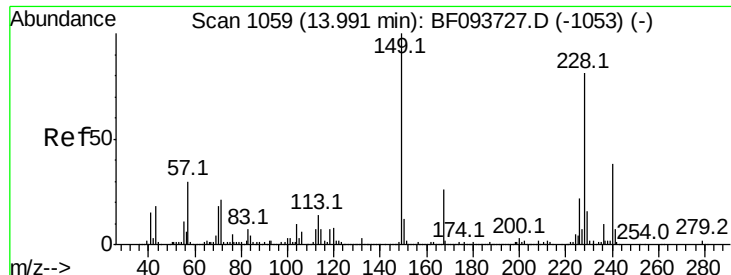
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.5	77.3
126	18.6	15.8	23.8



#82
 Chrysene
 Concen: 44.92 ng
 RT: 14.03 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	19.7	15.8	23.6

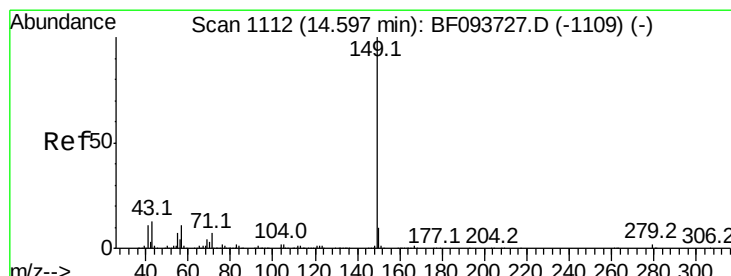
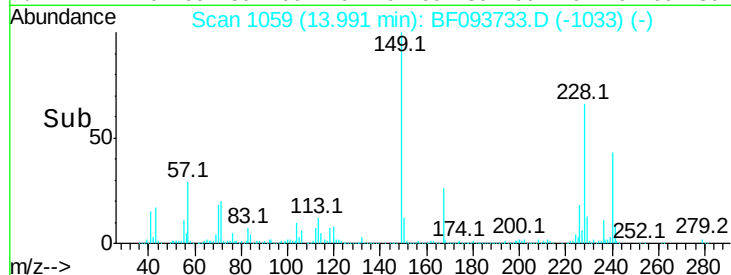
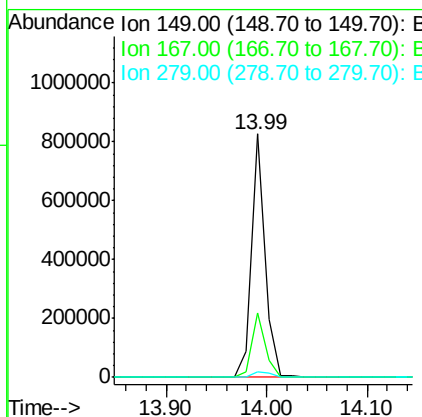
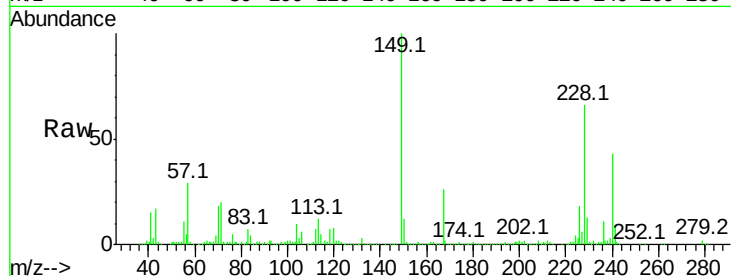




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.47 ng
 RT: 13.99 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

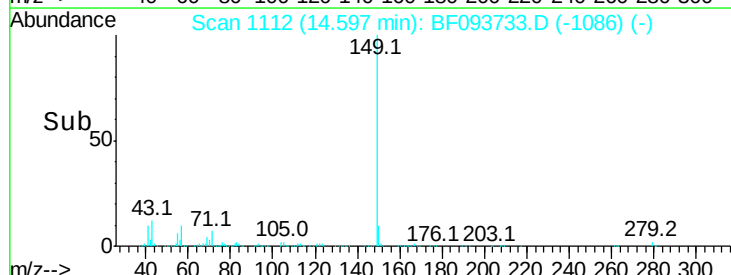
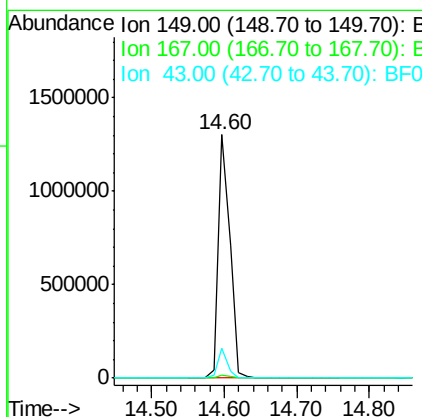
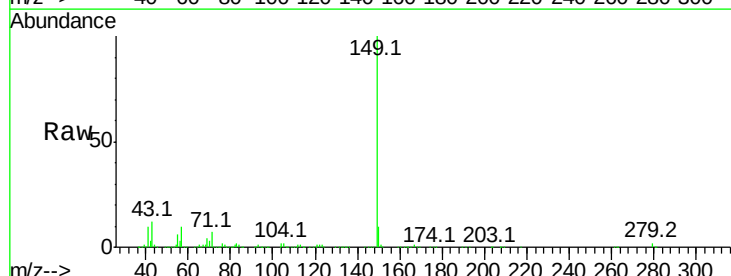
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

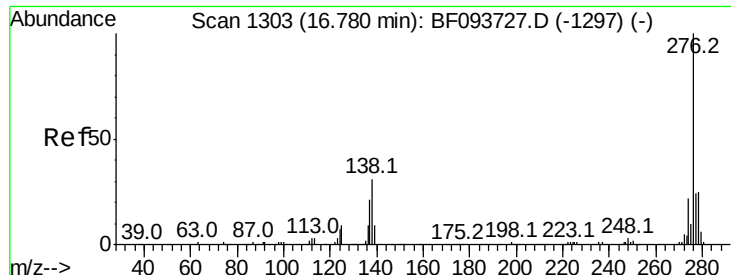
Tot Ion:149	Resp:	776418	
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.0	31.4
279	2.5	1.9	2.9



#84
 Di-n-octyl phthalate
 Concen: 44.86 ng
 RT: 14.60 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Tgt	Ion:149	Resp:	1443770
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.6	8.5	12.7

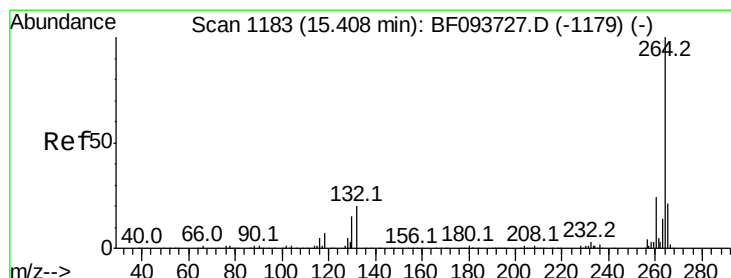
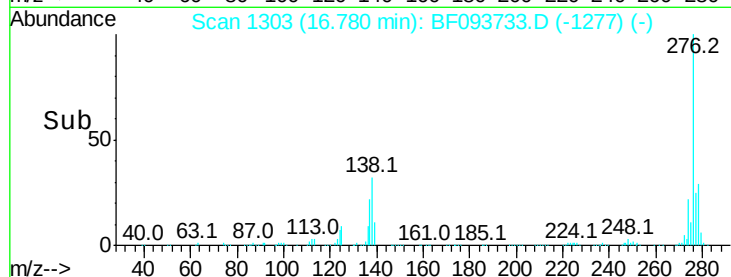
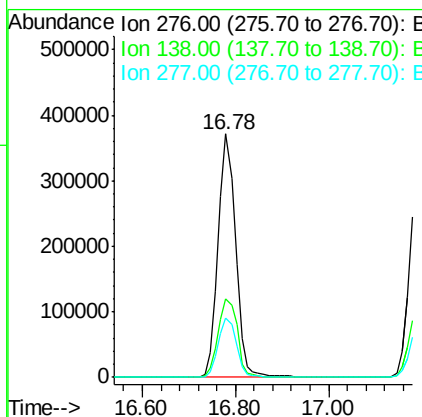
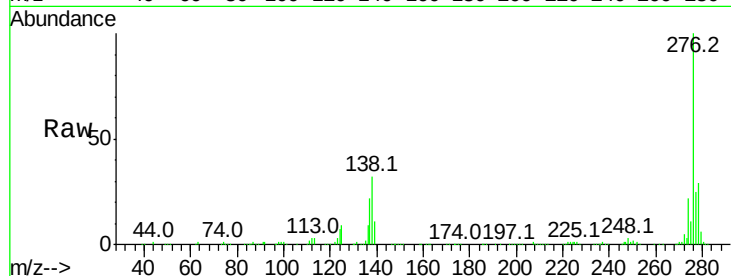




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.11 ng
 RT: 16.78 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

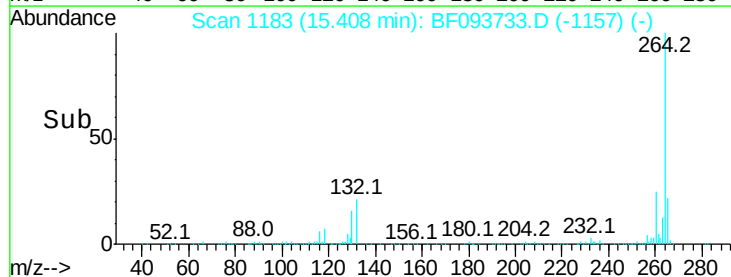
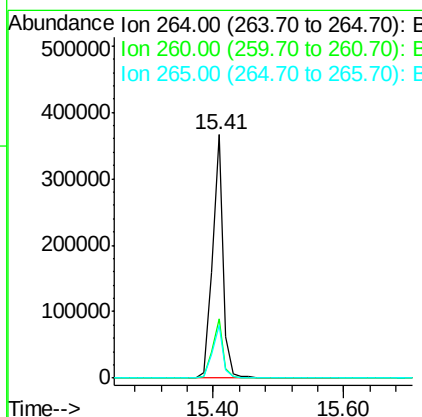
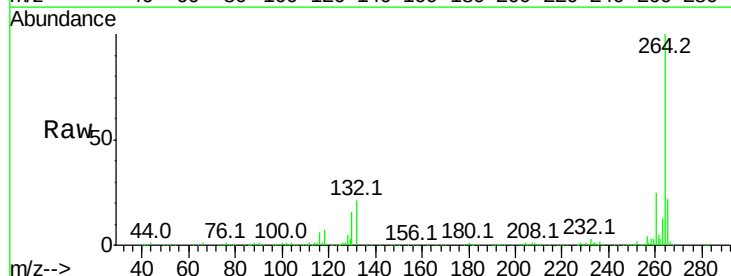
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

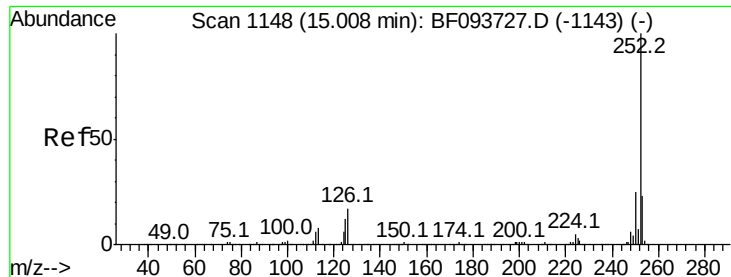
Tot Ion:276 Resp: 972312
 Ion Ratio Lower Upper
 276 100
 138 35.4 27.8 41.6
 277 25.3 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Tgt Ion:264 Resp: 422404
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.6 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 40.83 ng

RT: 15.01 min Scan# 1148

Delta R.T. 0.00 min

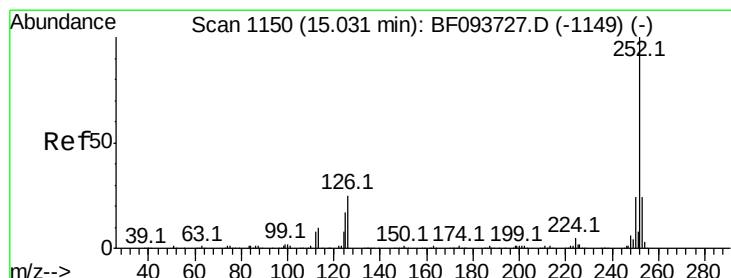
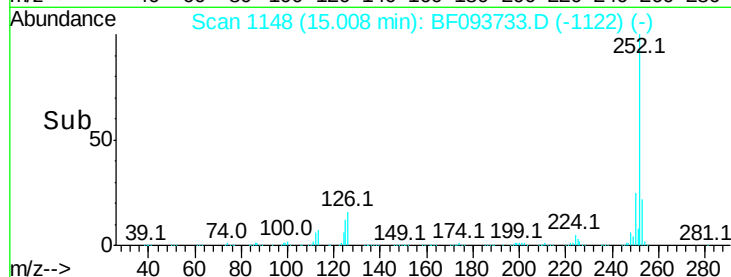
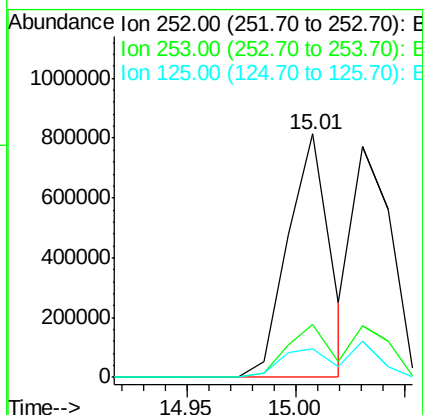
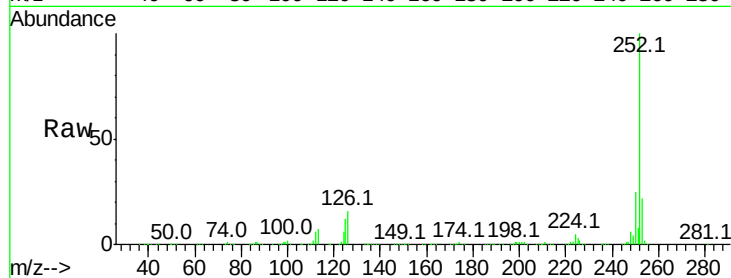
Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1093266

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	11.8	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 46.20 ng

RT: 15.01 min Scan# 1148

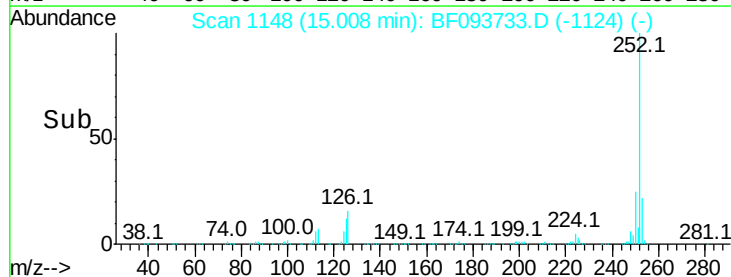
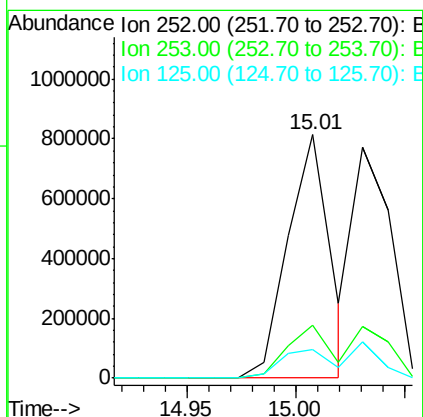
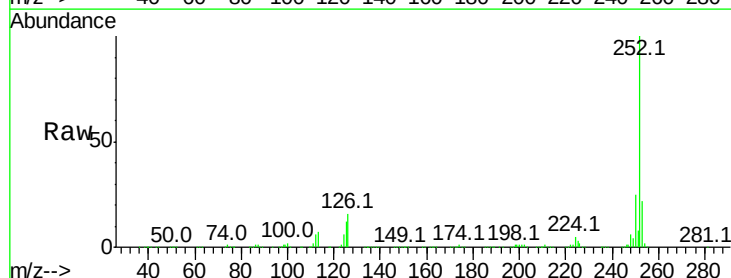
Delta R.T. -0.02 min

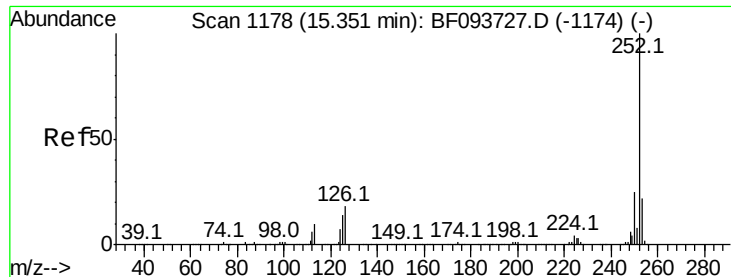
Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Tgt Ion:252 Resp: 1093266

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	11.8	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 40.56 ng

RT: 15.35 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

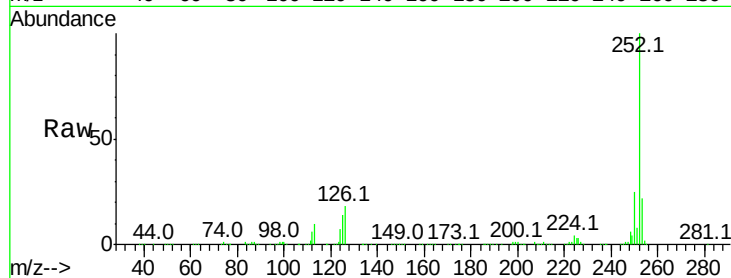
Tot Ion:252 Resp: 959813

Ion Ratio Lower Upper

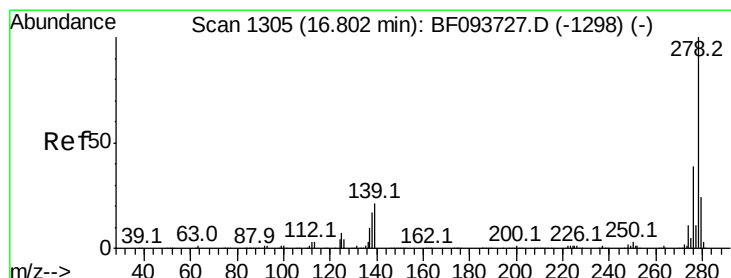
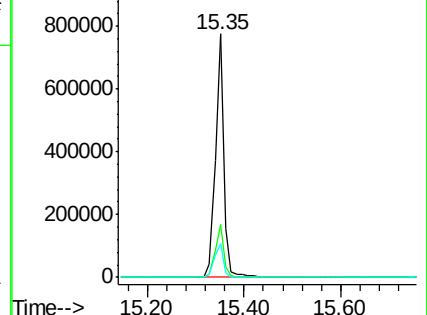
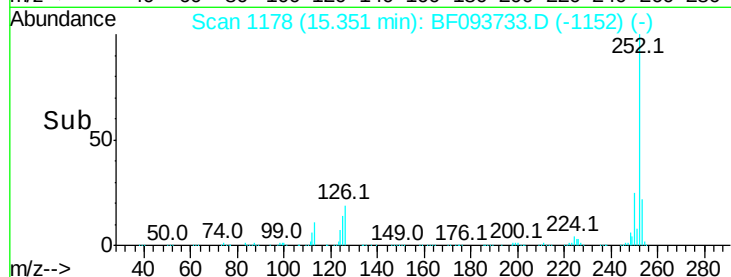
252 100

253 21.8 17.5 26.3

125 13.9 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: 41.33 ng

RT: 16.80 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

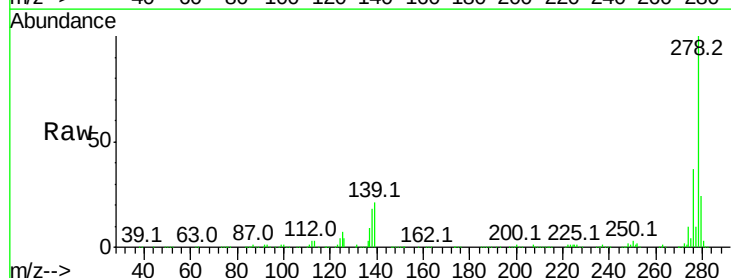
Tgt Ion:278 Resp: 827498

Ion Ratio Lower Upper

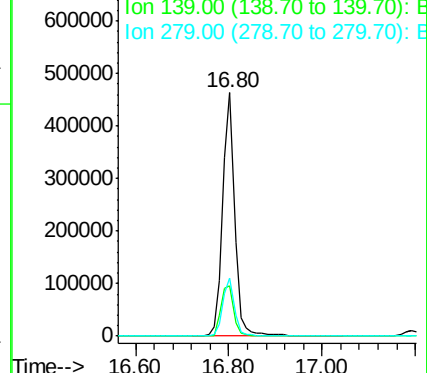
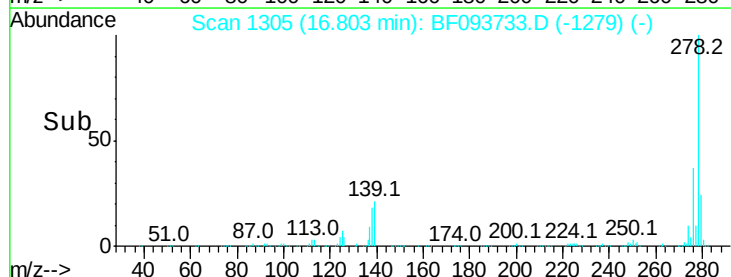
278 100

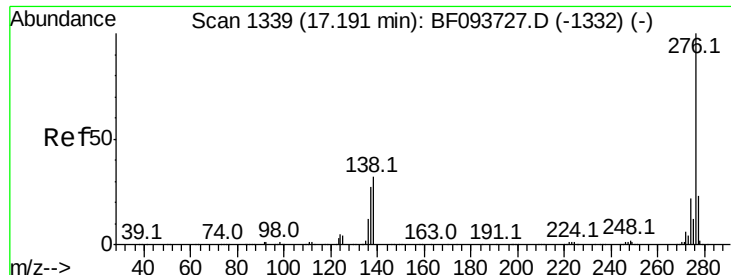
139 20.6 16.6 24.8

279 24.0 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: 41.27 ng

RT: 17.19 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

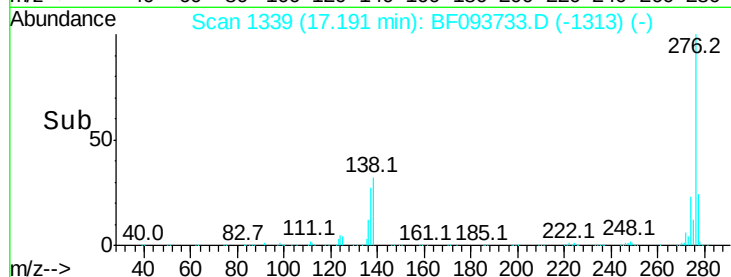
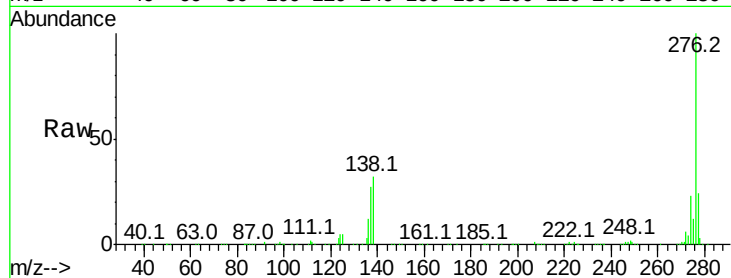
Tot Ion:276 Resp: 840205

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 32.5 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

