

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
 Data File : BF093728.D
 Acq On : 18 Mar 2017 2:26
 Operator : SJ/MA
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Mar 18 04:26:38 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 04:23:44 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	235771	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	989028	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	486701	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	765215	20.00	ng	0.00
75) Chrysene-d12	14.00	240	438603	20.00	ng	0.00
86) Perylene-d12	15.41	264	428205	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1248106	88.54	ng	0.00
7) Phenol-d6	6.48	99	1620777	92.88	ng	0.00
23) Nitrobenzene-d5	7.42	82	1580798	105.50	ng	0.01
41) 2,4,6-Tribromophenol	10.68	330	326770	103.72	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	2099160	83.93	ng	0.00
78) Terphenyl-d14	12.95	244	1869644	91.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	354145	48.66	ng	99
3) Pyridine	3.16	79	1001762	51.59	ng	98
4) n-Nitrosodimethylamine	3.11	42	439925	49.84	ng	100
6) Aniline	6.52	93	1228811	48.54	ng	95
8) 2-Chlorophenol	6.63	128	735366	46.67	ng	91
9) Benzaldehyde	6.39	77	419754	41.57	ng	96
10) Phenol	6.49	94	876827	43.67	ng	88
11) bis(2-Chloroethyl)ether	6.58	93	709183	43.30	ng	97
12) 1,3-Dichlorobenzene	6.79	146	791457	45.05	ng	97
13) 1,4-Dichlorobenzene	6.87	146	875687	48.89	ng	98
14) 1,2-Dichlorobenzene	6.87	146	875687	52.23	ng	95
15) Benzyl Alcohol	7.00	79	665561	50.59	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1217668	47.72	ng	100
17) 2-Methylphenol	7.11	107	680125	49.48	ng	97
18) Hexachloroethane	7.37	117	310319	49.34	ng	95
19) n-Nitroso-di-n-propylamine	7.28	70	571849	48.89	ng	95
20) 3+4-Methylphenols	7.27	107	767878	47.12	ng	96
22) Acetophenone	7.27	105	1016404	48.55	ng	# 90
24) Nitrobenzene	7.43	77	792086	48.08	ng	96
25) Isophorone	7.68	82	1510810	47.23	ng	96
26) 2-Nitrophenol	7.75	139	376064	63.10	ng	92
27) 2,4-Dimethylphenol	7.80	122	754539	49.63	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	872387	43.09	ng	99
29) 2,4-Dichlorophenol	7.99	162	606823	45.93	ng	96
30) 1,2,4-Trichlorobenzene	8.08	180	655293	47.73	ng	99
31) Naphthalene	8.16	128	2224574	46.61	ng	99
32) Benzoic acid	7.92	122	495429	72.90	ng	99
33) 4-Chloroaniline	8.21	127	971432	48.17	ng	# 92
34) Hexachlorobutadiene	8.29	225	334227	46.22	ng	98
35) Caprolactam	8.58	113	204012	45.05	ng	95
36) 4-Chloro-3-methylphenol	8.69	107	659262	47.46	ng	86
37) 2-Methylnaphthalene	8.85	142	1306068	41.00	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	550088	45.98	ng	98
40) Hexachlorocyclopentadiene	9.01	237	268275	46.97	ng	99

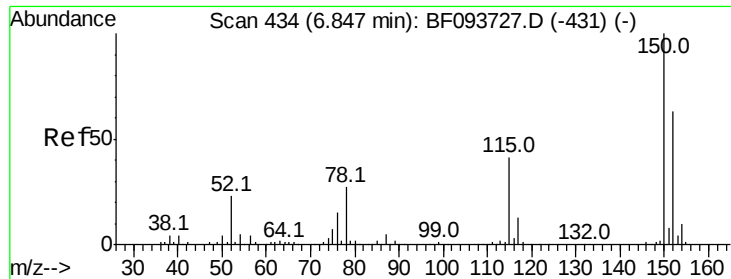
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	417368	50.18	nq	99
43) 2,4,5-Trichlorophenol	9.16	196	433246	50.21	nq	97
45) 1,1'-Biphenyl	9.32	154	1591796	44.98	nq	98
46) 2-Chloronaphthalene	9.34	162	1315736	48.01	nq	95
47) 2-Nitroaniline	9.43	65	447708	59.02	nq	# 66
48) Acenaphthylene	9.75	152	1980641	43.57	nq	99
49) Dimethylphthalate	9.62	163	1513776	47.06	nq	# 98
50) 2,6-Dinitrotoluene	9.67	165	316594	45.53	nq	# 76
51) Acenaphthene	9.92	154	1152371	43.07	nq	100
52) 3-Nitroaniline	9.84	138	473375	59.04	nq	85
53) 2,4-Dinitrophenol	9.93	184	116885	66.51	nq	# 1
54) Dibenzofuran	10.09	168	1612461	44.24	nq	97
55) 4-Nitrophenol	9.99	139	309944	55.42	nq	# 60
56) 2,4-Dinitrotoluene	10.07	165	424708	53.91	nq	# 77
57) Fluorene	10.44	166	1193639	42.90	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	291375	49.57	nq	99
59) Diethylphthalate	10.31	149	1458368	47.67	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	521217	44.96	nq	98
61) 4-Nitroaniline	10.45	138	371687	51.89	nq	89
62) Azobenzene	10.58	77	1445700	46.64	nq	98
64) 4,6-Dinitro-2-methylphenol	10.48	198	220986	67.03	nq	# 69
65) n-Nitrosodiphenylamine	10.55	169	1252864	50.13	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	330931	44.50	nq	94
67) Hexachlorobenzene	10.98	284	349835	45.86	nq	# 86
68) Atrazine	11.08	200	351805	45.31	nq	95
69) Pentachlorophenol	11.17	266	220761	53.43	nq	99
70) Phenanthrene	11.40	178	2005086	46.21	nq	100
71) Anthracene	11.44	178	1756211	42.41	nq	99
72) Carbazole	11.59	167	1900525	42.32	nq	100
73) Di-n-butylphthalate	11.93	149	1979352	43.78	nq	100
74) Fluoranthene	12.57	202	1787016	39.99	nq	99
76) Benzidine	12.69	184	792063	43.31	nq	99
77) Pyrene	12.80	202	1876414	51.04	nq	99
79) Butylbenzylphthalate	13.43	149	925588	59.96	nq	96
80) Benzo(a)anthracene	13.98	228	1395634	49.86	nq	100
81) 3,3'-Dichlorobenzidine	13.96	252	521768	51.98	nq	# 93
82) Chrysene	14.03	228	1353930	49.38	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	886087	49.33	nq	99
84) Di-n-octyl phthalate	14.60	149	1669038	49.59	nq	100
85) Indeno(1,2,3-cd)pyrene	16.78	276	1205579	49.63	nq	100
87) Benzo(b)fluoranthene	15.01	252	1226255	42.20	nq	99
88) Benzo(k)fluoranthene	15.01	252	1226255	56.55	nq	96
89) Benzo(a)pyrene	15.35	252	1129009	46.26	nq	98
90) Dibenzo(a,h)anthracene	16.80	278	1018334	48.64	nq	96
91) Benzo(g,h,i)perylene	17.20	276	1046326	49.03	nq	98

(#) = 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: BF093728.D

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ClientSampleId :

SSTDIC050

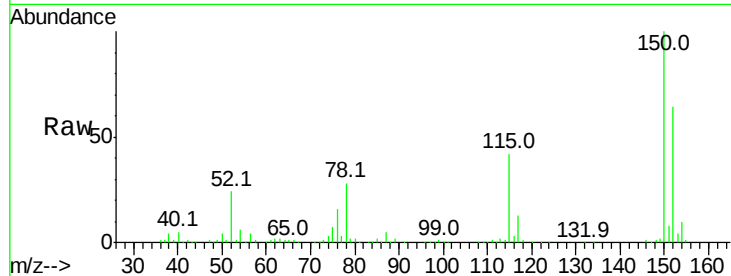
Tot Ion:152 Resp: 235771

Ion Ratio Lower Upper

152 100

150 156.5 126.2 189.2

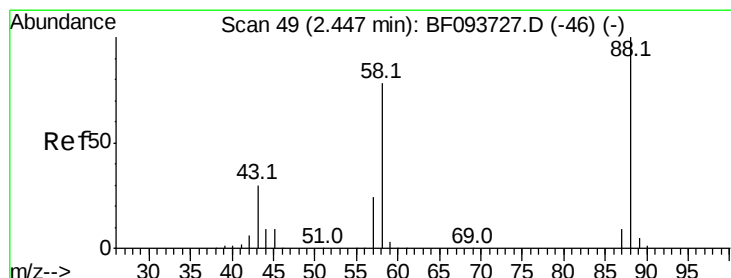
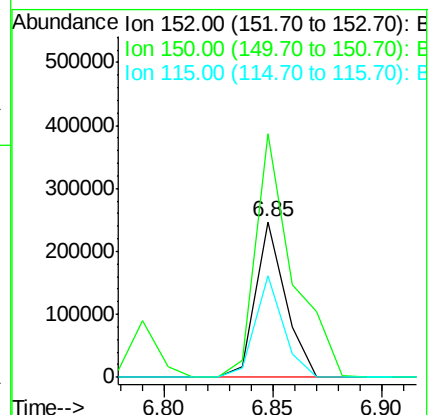
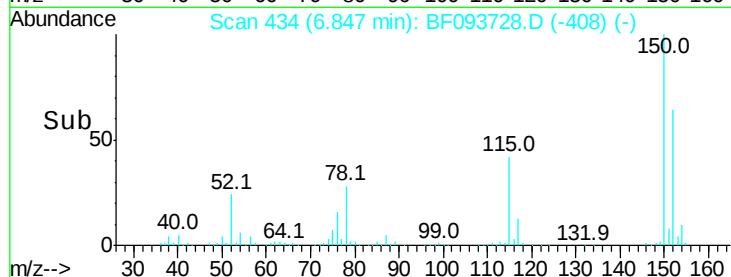
115 65.3 52.2 78.2



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: 48.66 ng

RT: 2.45 min Scan# 49

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

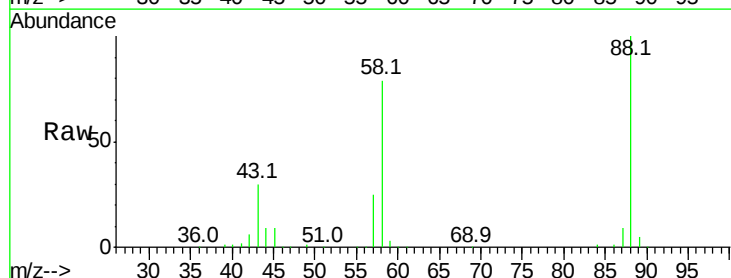
Tgt Ion: 88 Resp: 354145

Ion Ratio Lower Upper

88 100

58 76.1 61.4 92.0

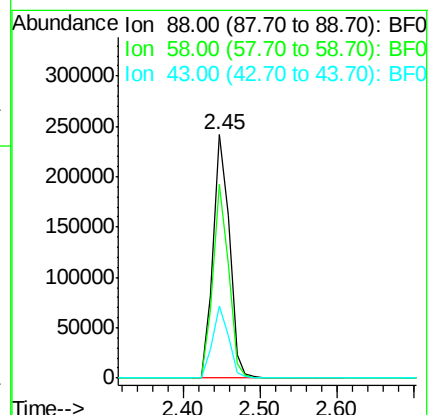
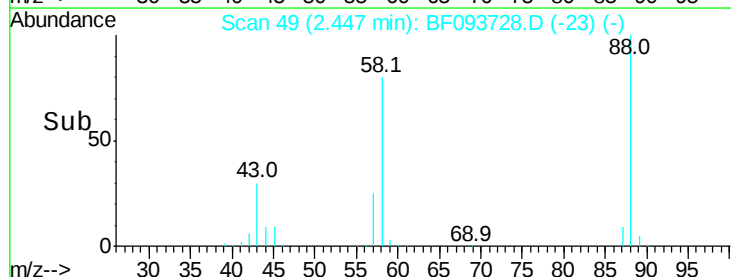
43 29.2 23.4 35.0

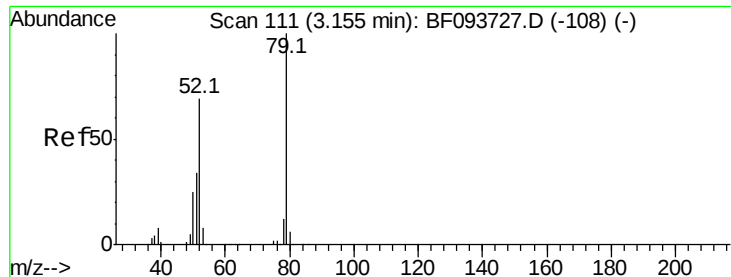


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 51.59 ng

RT: 3.16 min Scan# 111

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

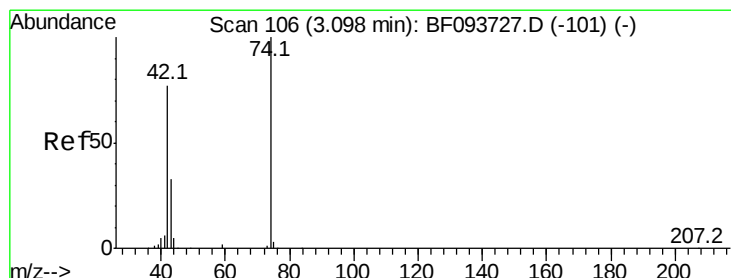
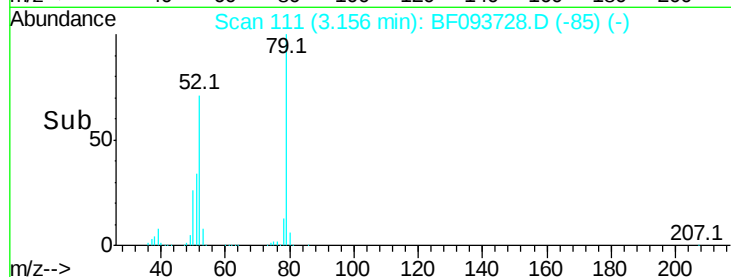
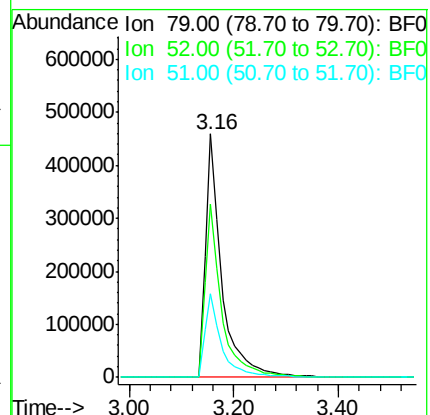
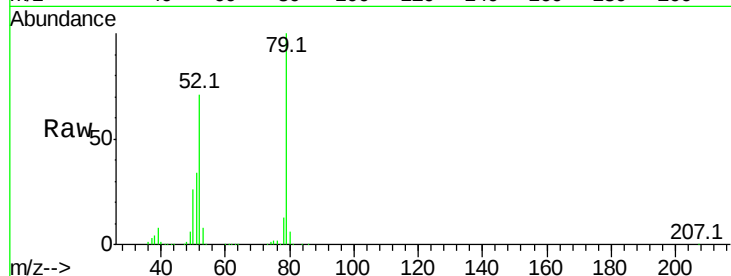
Tot Ion: 79 Resp: 1001762

Ion Ratio Lower Upper

79 100

52 71.0 54.8 82.2

51 34.1 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 49.84 ng

RT: 3.11 min Scan# 107

Delta R.T. 0.01 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

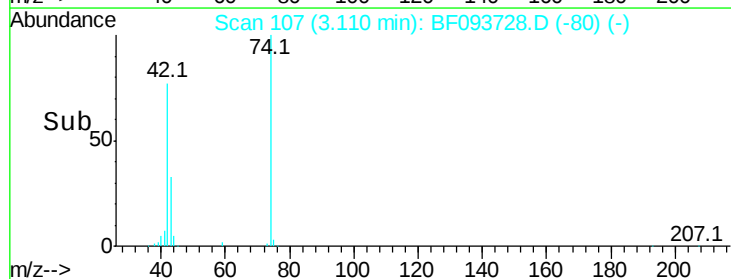
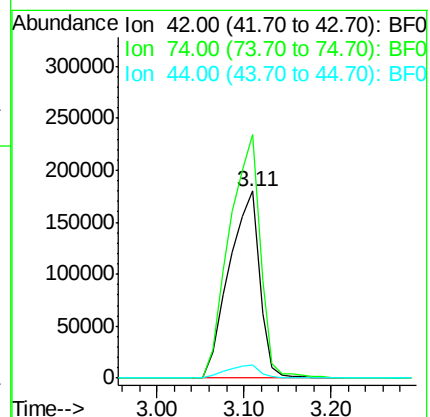
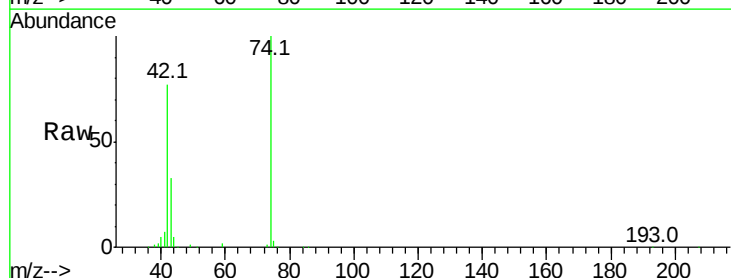
Tgt Ion: 42 Resp: 439925

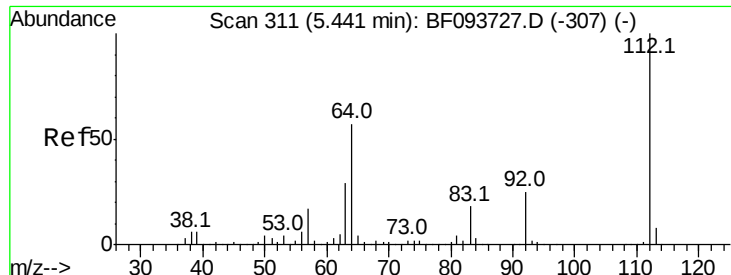
Ion Ratio Lower Upper

42 100

74 130.4 103.9 155.9

44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 88.54 ng

RT: 5.44 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

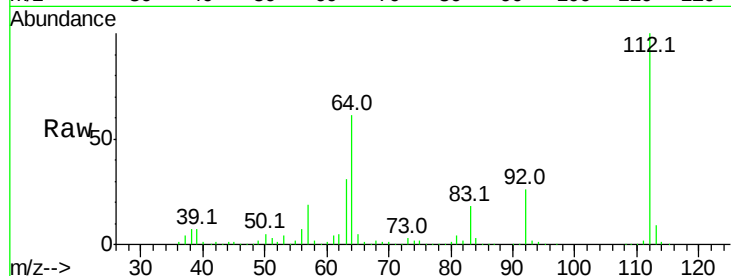
Tot Ion:112 Resp: 1248106

Ion Ratio Lower Upper

112 100

64 61.4 46.0 69.0

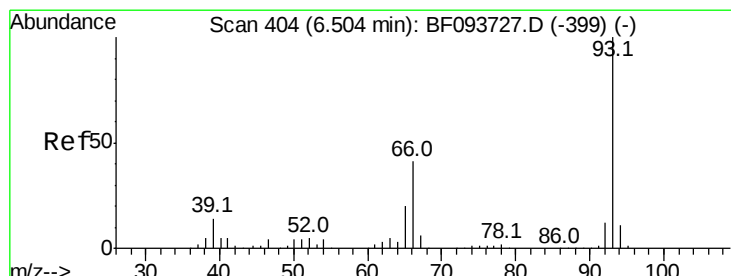
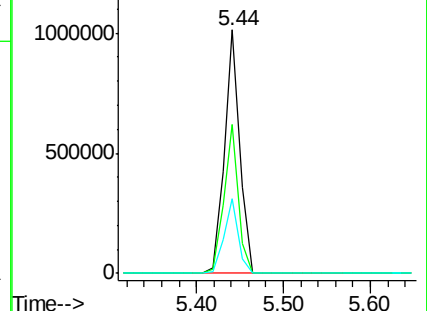
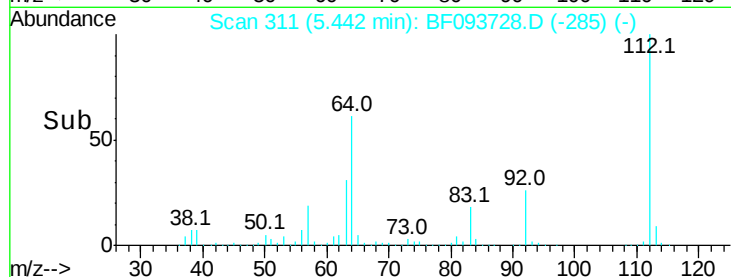
63 30.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 48.54 ng

RT: 6.52 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

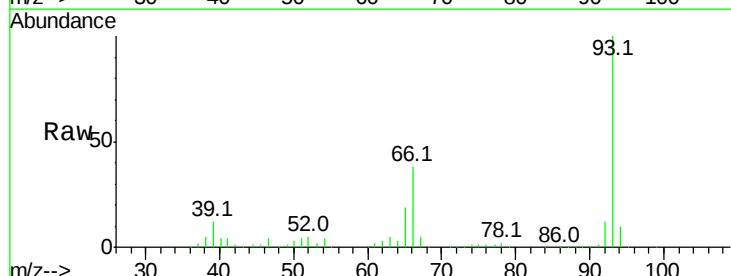
Tgt Ion: 93 Resp: 1228811

Ion Ratio Lower Upper

93 100

66 37.5 32.9 49.3

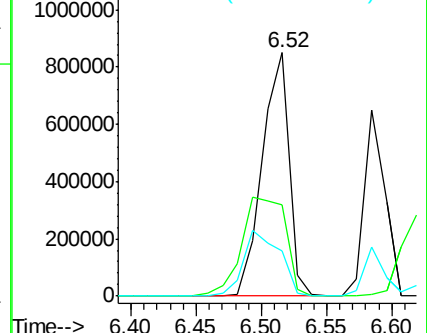
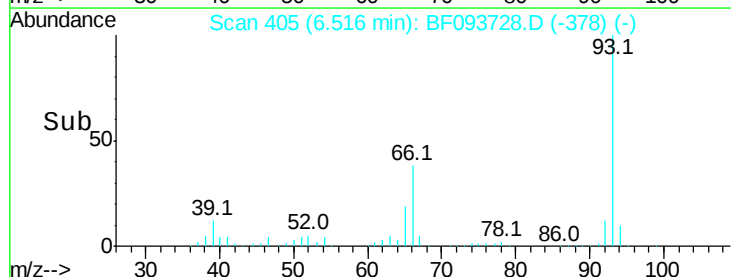
65 18.7 16.0 24.0

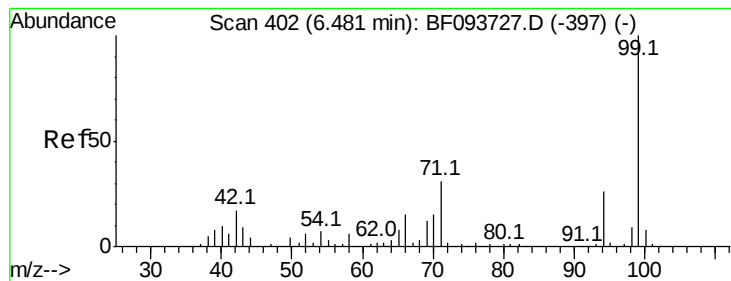


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 92.88 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

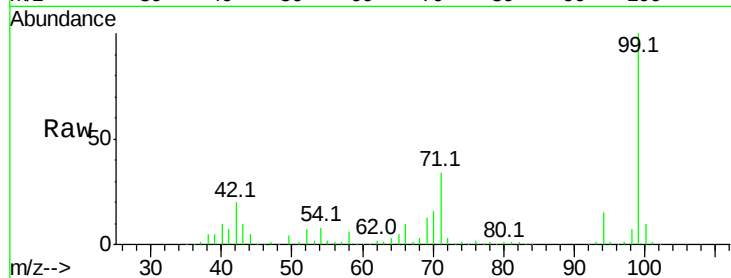
BNA_F

ClientSampled :

SSTDIC050

Tot Ion: 99 Resp: 1620777

Ion	Ratio	Lower	Upper
99	100		
42	19.6	13.5	20.3
71	33.5	24.5	36.7

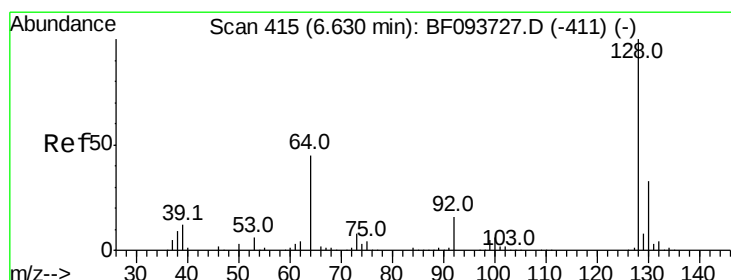
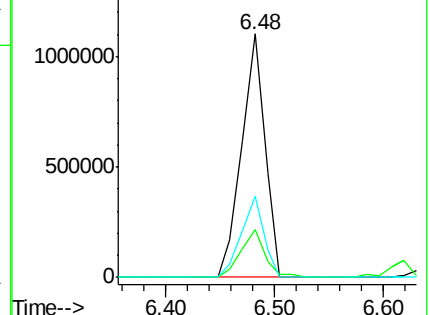
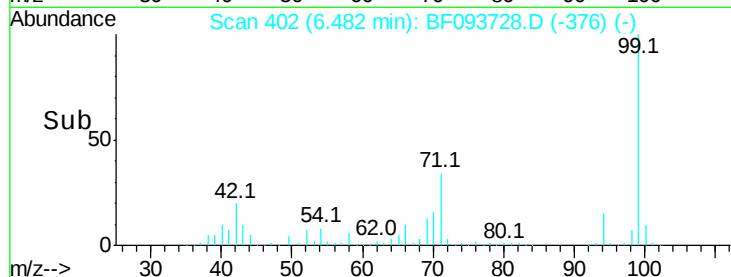


Abundance

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: 46.67 ng

RT: 6.63 min Scan# 415

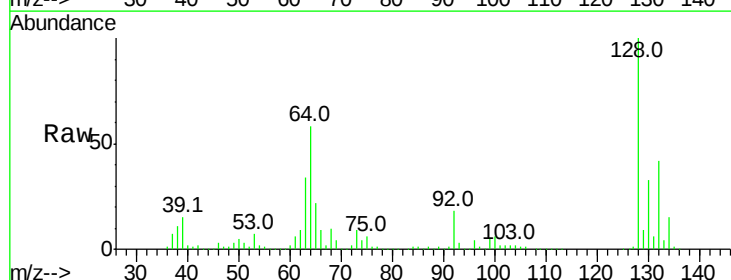
Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Tgt Ion: 128 Resp: 735366

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	58.1	28.4	68.4

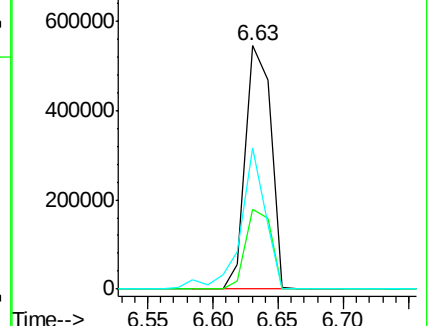
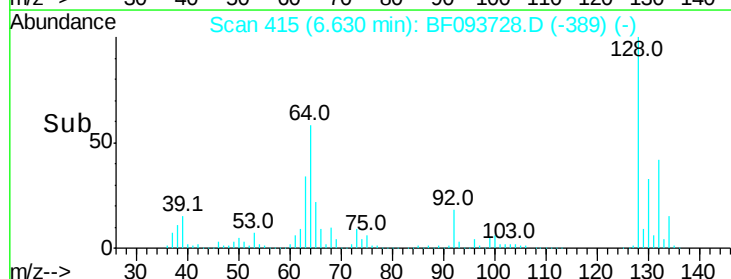


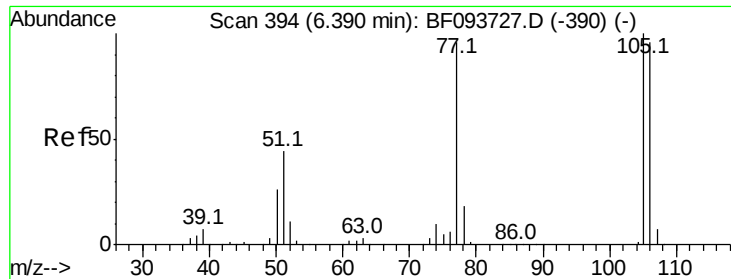
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

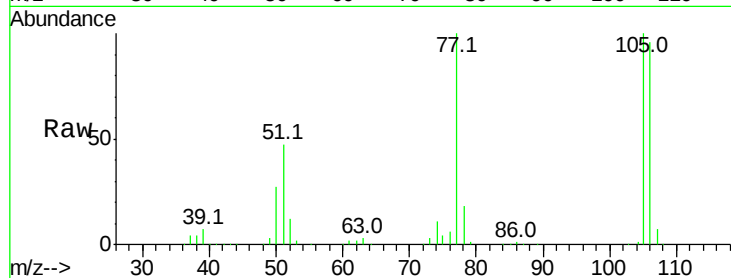




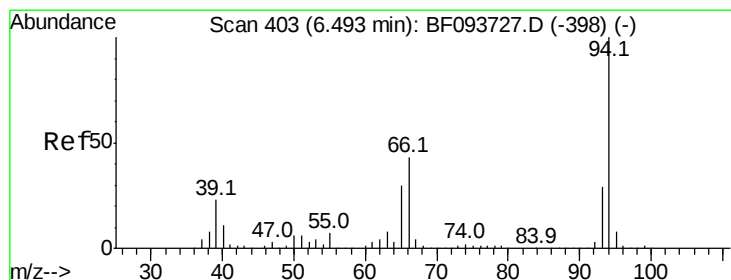
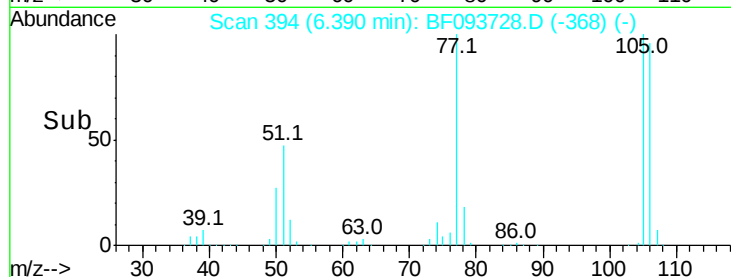
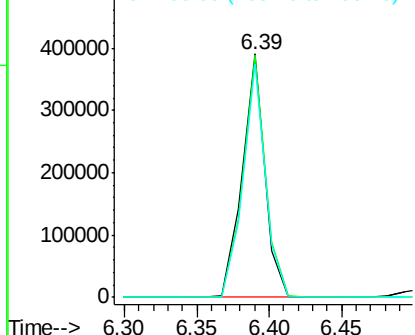
#9
Benzaldehyde
Concen: 41.57 ng
RT: 6.39 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF093728.D
Acq: 18 Mar 2017 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion: 77 Resp: 419754
Ion Ratio Lower Upper
77 100
105 99.7 83.8 123.8
106 95.8 79.1 119.1

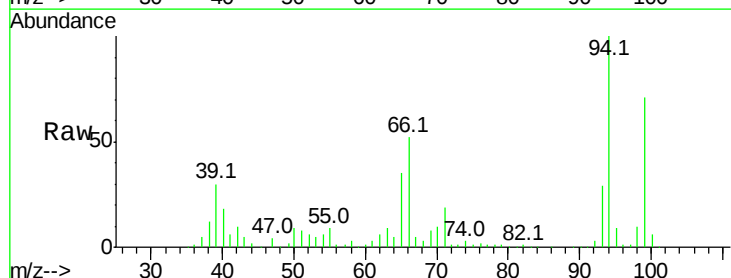


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

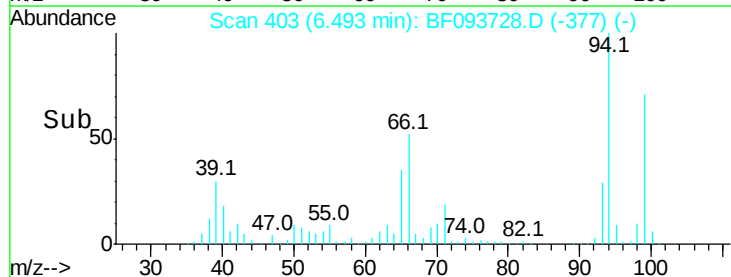
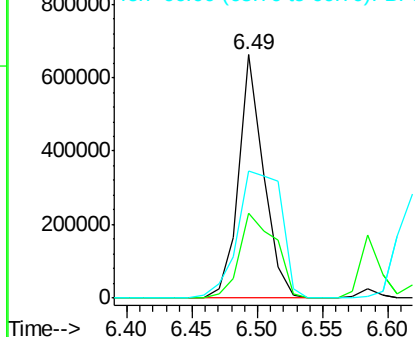


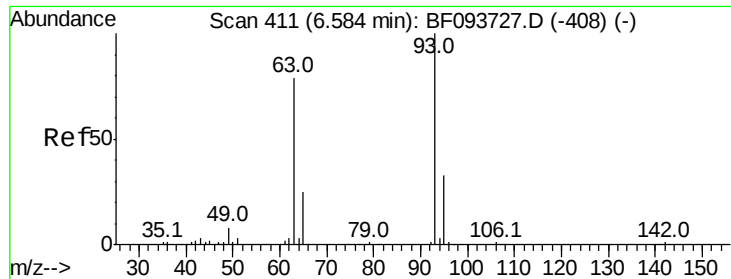
#10
Phenol
Concen: 43.67 ng
RT: 6.49 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF093728.D
Acq: 18 Mar 2017 2:26

Tgt Ion: 94 Resp: 876827
Ion Ratio Lower Upper
94 100
65 34.9 9.9 49.9
66 52.1 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.30 ng

RT: 6.58 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

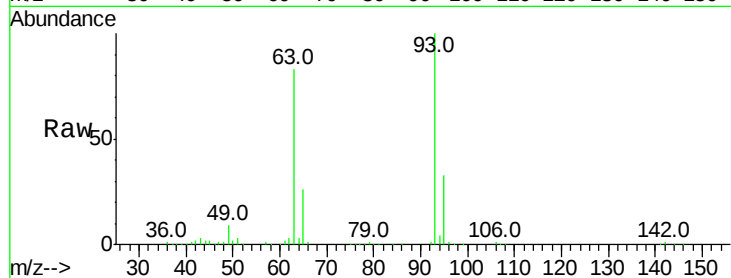
Tot Ion: 93 Resp: 709183

Ion Ratio Lower Upper

93 100

63 83.3 59.2 99.2

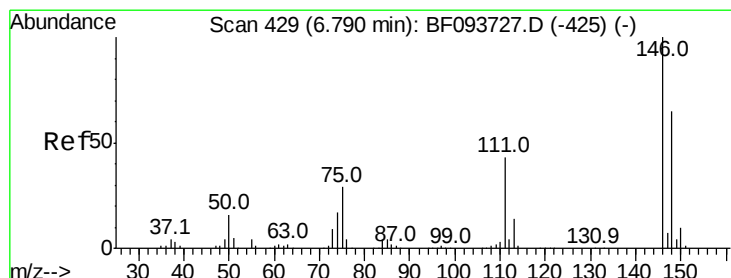
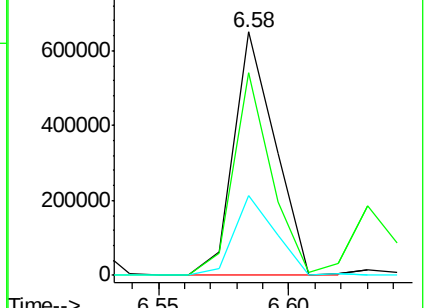
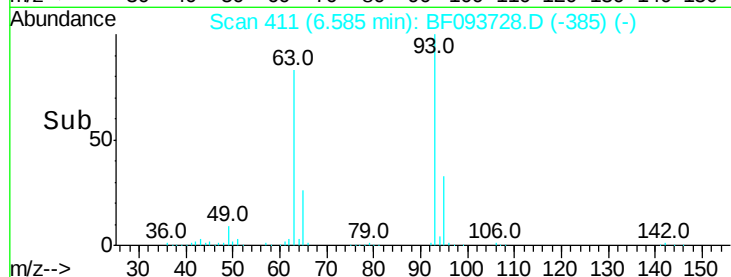
95 32.6 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 45.05 ng

RT: 6.79 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

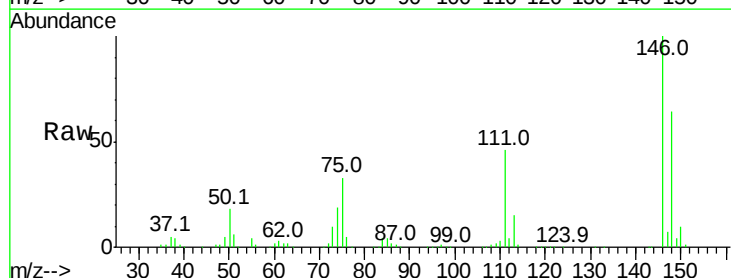
Tgt Ion: 146 Resp: 791457

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

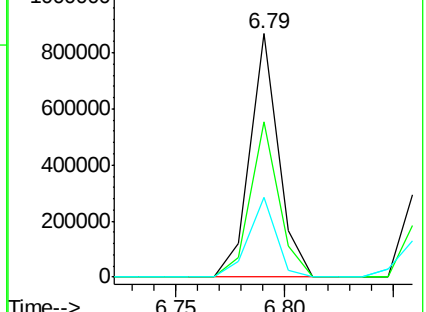
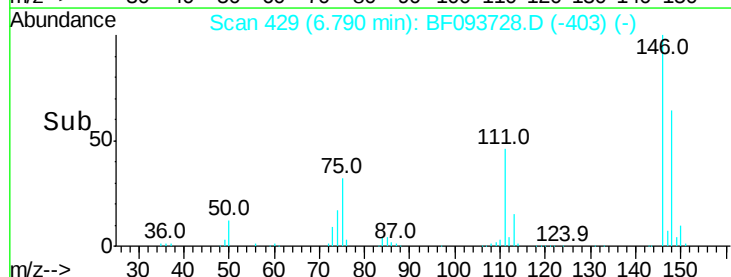
75 32.6 23.1 34.7

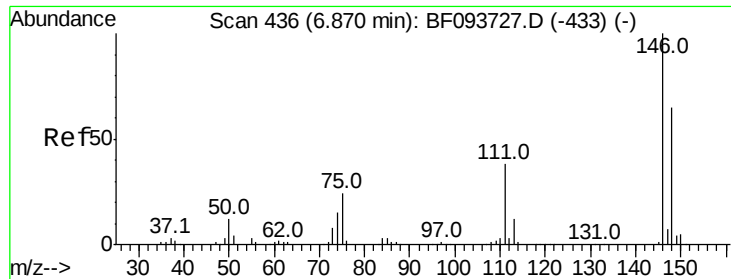


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

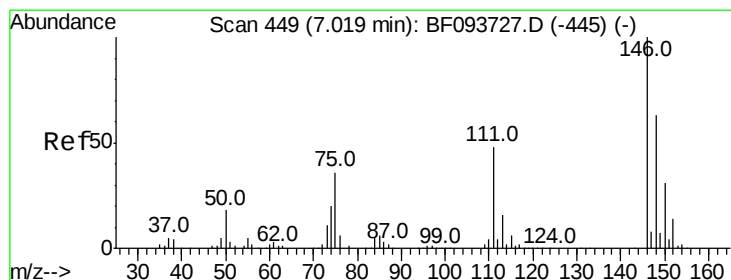
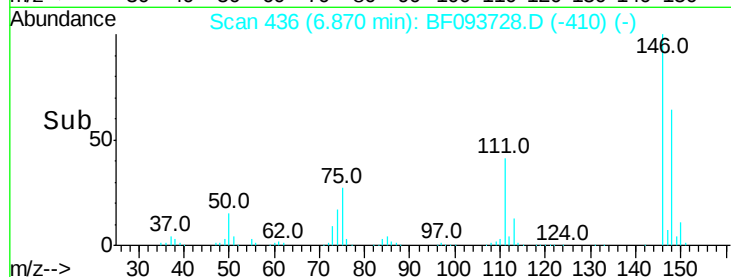
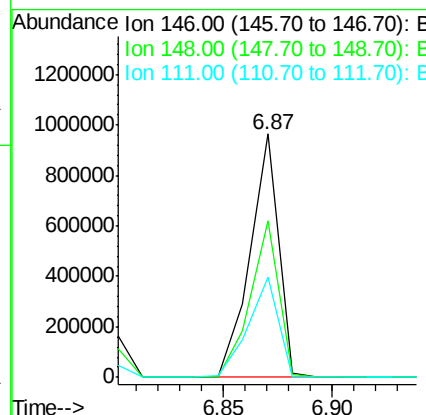
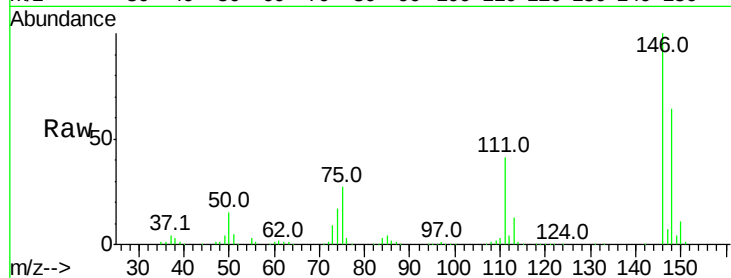




#13
 1,4-Dichlorobenzene
 Concen: 48.89 ng
 RT: 6.87 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF093728.D
 Acq: 18 Mar 2017 2:26

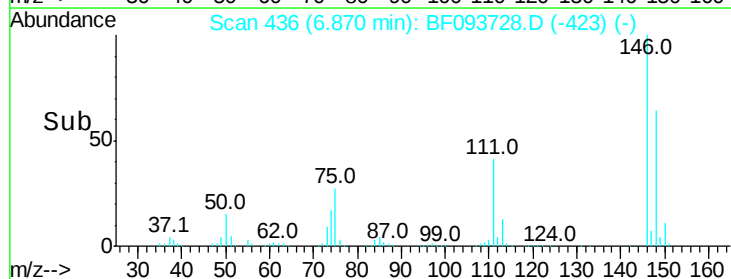
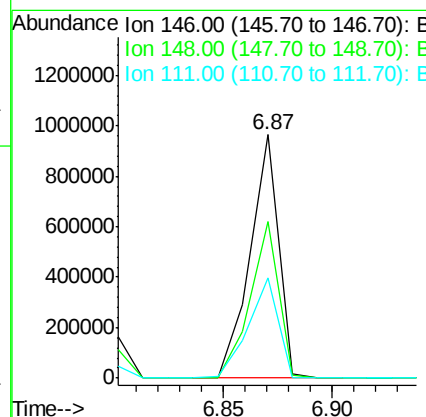
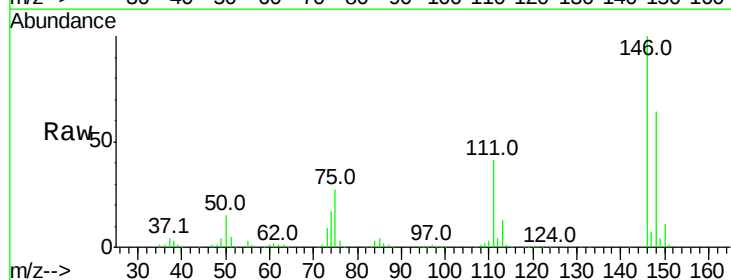
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

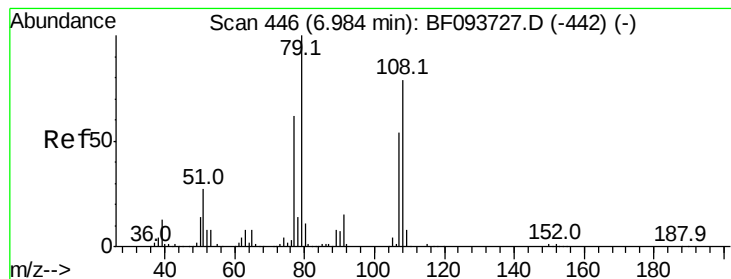
Tot Ion:146 Resp: 875687
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.2
 111 41.0 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 52.23 ng
 RT: 6.87 min Scan# 436
 Delta R.T. -0.15 min
 Lab File: BF093728.D
 Acq: 18 Mar 2017 2:26

Tgt Ion:146 Resp: 875687
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.4 75.6
 111 41.0 38.2 57.4





#15

Benzyl Alcohol

Concen: 50.59 ng

RT: 7.00 min Scan# 447

Delta R.T. 0.01 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

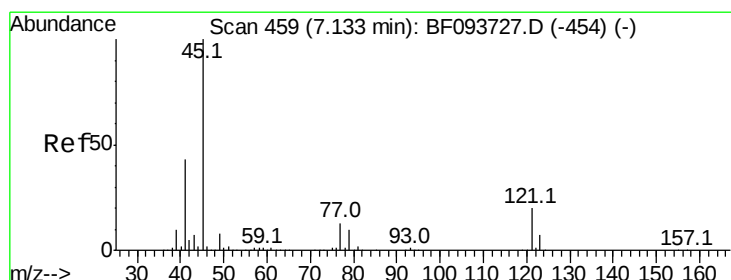
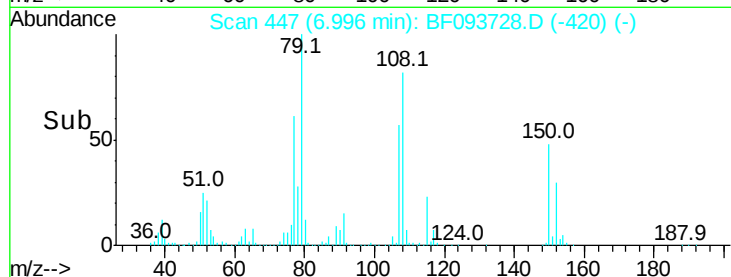
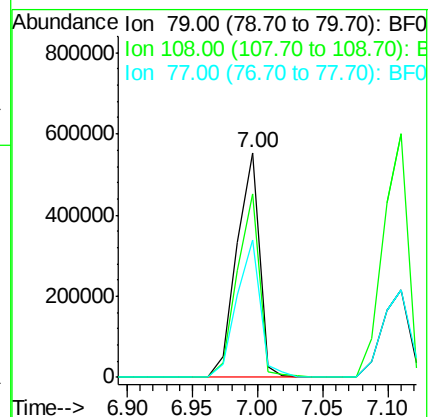
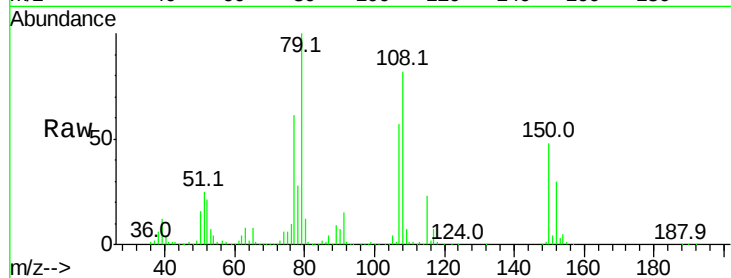
Tot Ion: 79 Resp: 665561

Ion Ratio Lower Upper

79 100

108 81.6 63.4 95.0

77 61.0 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.72 ng

RT: 7.13 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

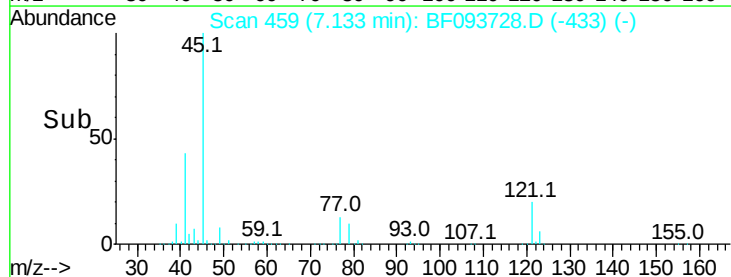
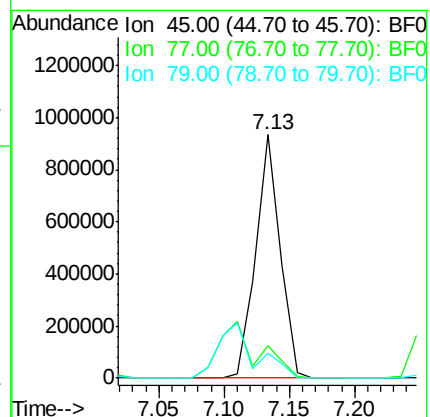
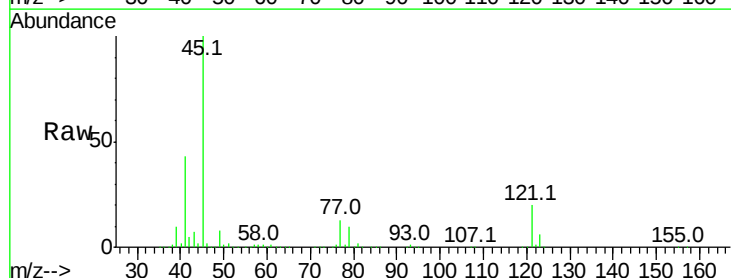
Tgt Ion: 45 Resp: 1217668

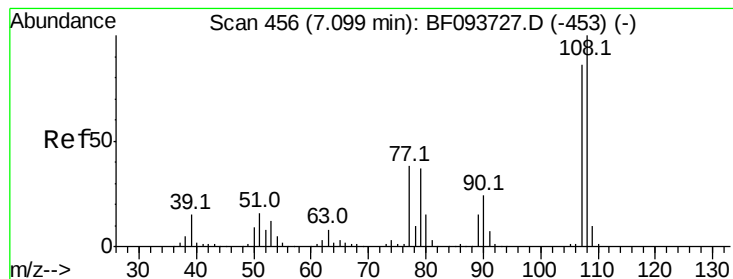
Ion Ratio Lower Upper

45 100

77 13.2 0.0 33.2

79 10.0 0.0 30.0





#17

2-Methylphenol

Concen: 49.48 ng

RT: 7.11 min Scan# 457

Delta R.T. 0.01 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:107 Resp: 680125

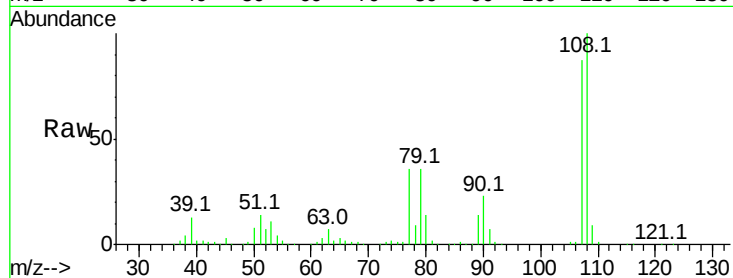
Ion Ratio Lower Upper

107 100

108 115.2 93.4 140.0

77 41.5 35.8 53.6

79 41.2 34.8 52.2

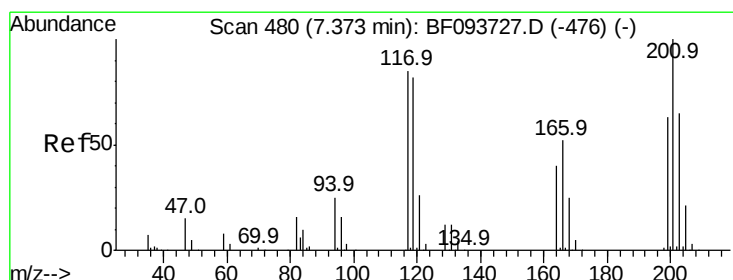
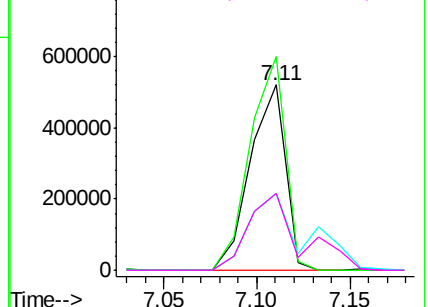
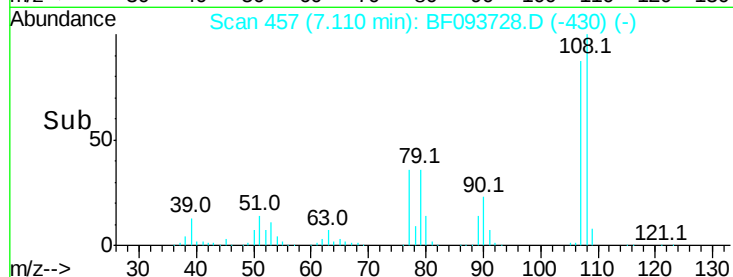


Abundance Ion 107.00 (106.70 to 107.70): E

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: 49.34 ng

RT: 7.37 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

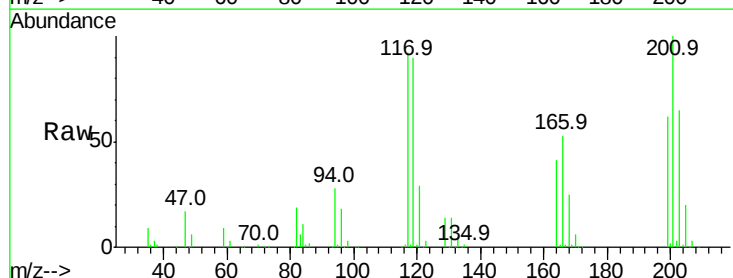
Tgt Ion:117 Resp: 310319

Ion Ratio Lower Upper

117 100

119 97.3 77.4 116.0

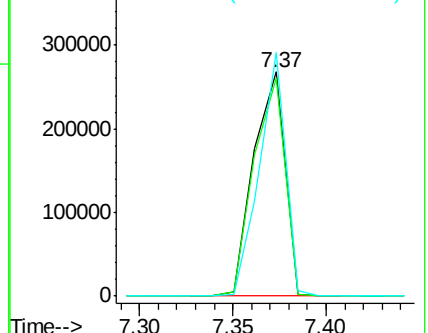
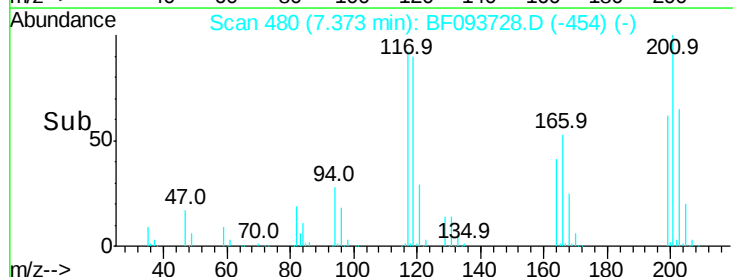
201 108.6 94.6 141.8

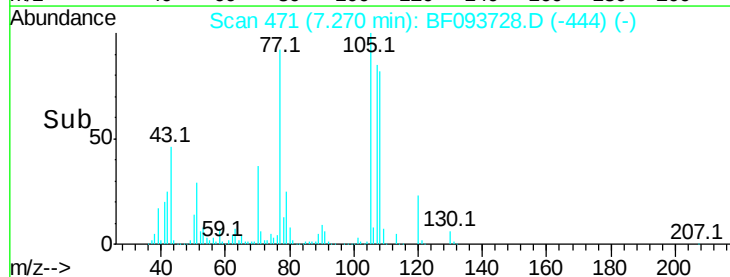
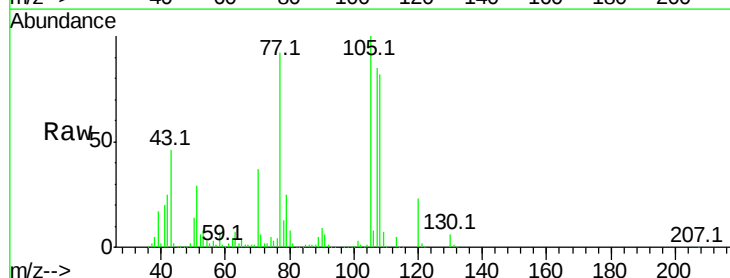
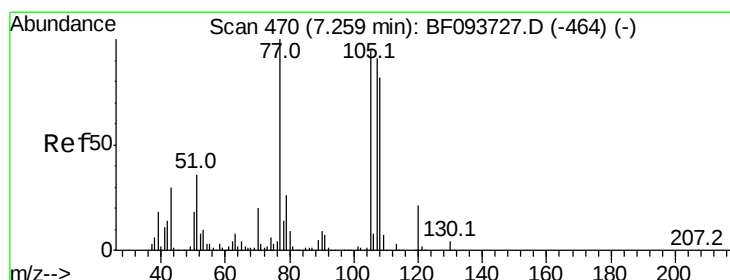
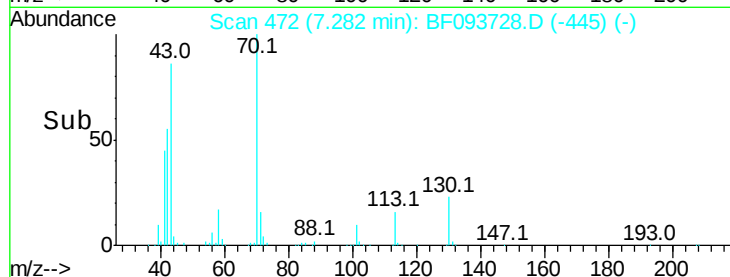
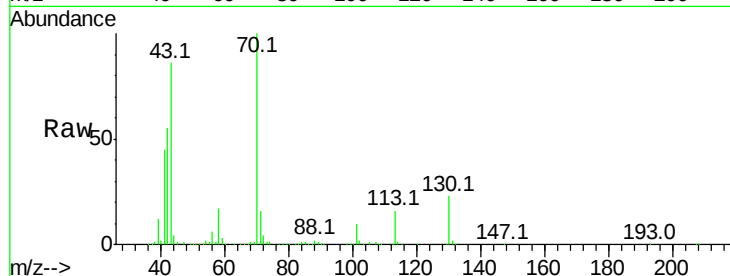
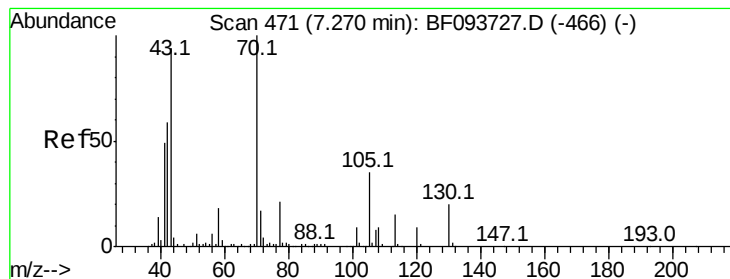


Abundance Ion 117.00 (116.70 to 117.70): E

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: 48.89 ng

RT: 7.28 min Scan# 472

Delta R.T. 0.01 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 70 Resp: 571849

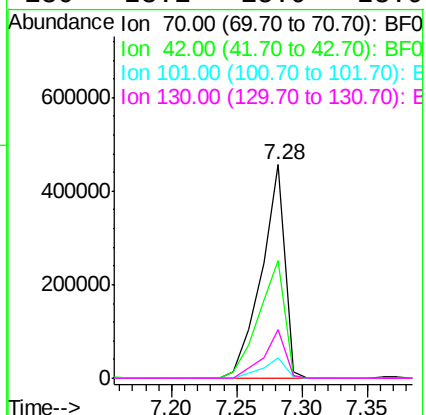
Ion Ratio Lower Upper

70 100

42 54.8 47.2 70.8

101 9.7 7.2 10.8

130 23.1 15.9 23.9



#20

3+4-Methylphenols

Concen: 47.12 ng

RT: 7.27 min Scan# 471

Delta R.T. 0.01 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Tgt Ion: 107 Resp: 767878

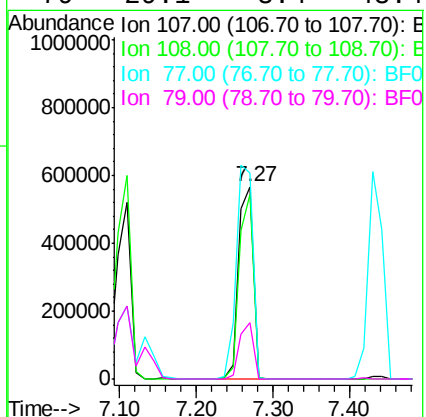
Ion Ratio Lower Upper

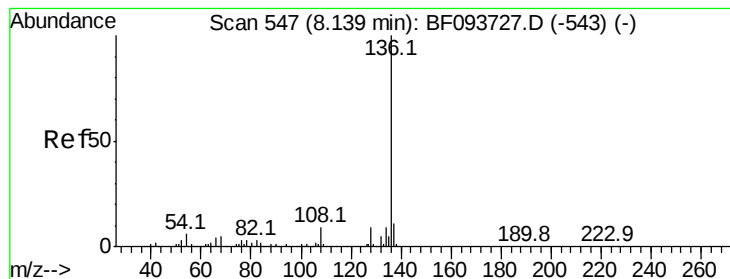
107 100

108 96.3 71.0 111.0

77 107.7 90.5 130.5

79 29.1 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: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:136 Resp: 989028

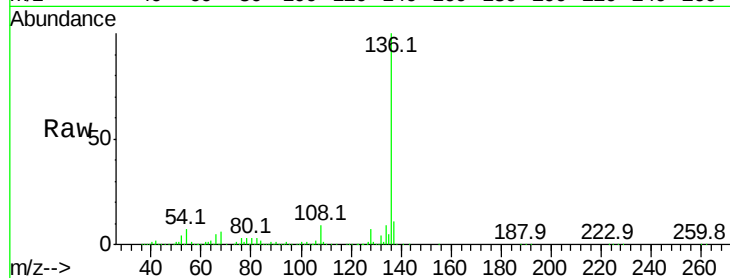
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.2 4.9 7.3

68 5.8 4.1 6.1

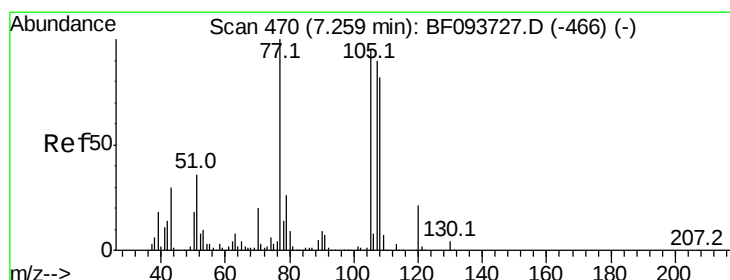
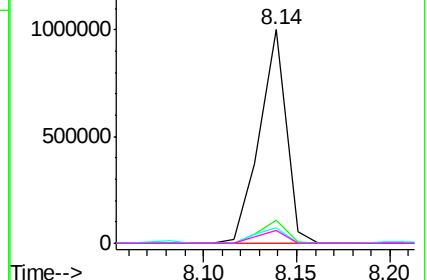
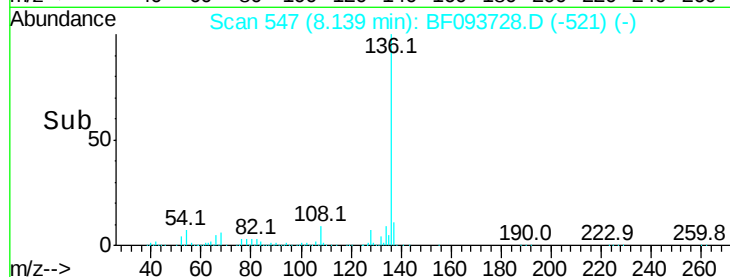


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.55 ng

RT: 7.27 min Scan# 471

Delta R.T. 0.01 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Tgt Ion:105 Resp: 1016404

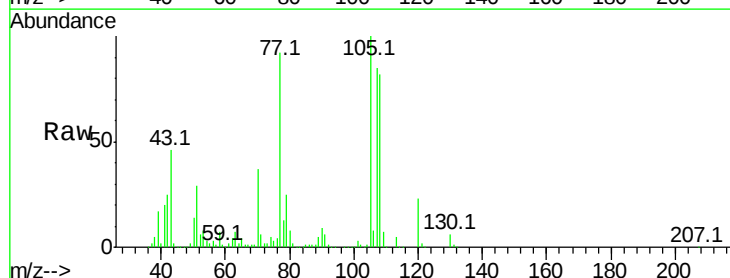
Ion Ratio Lower Upper

105 100

71 6.1 2.8 4.2#

51 29.4 30.7 46.1#

120 22.5 17.4 26.0

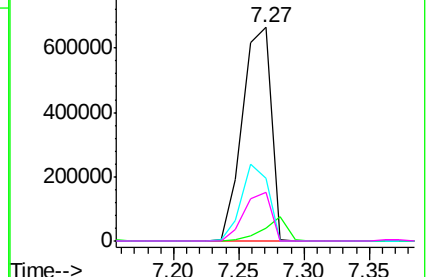
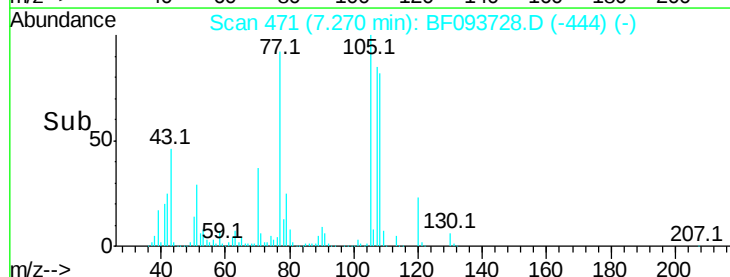


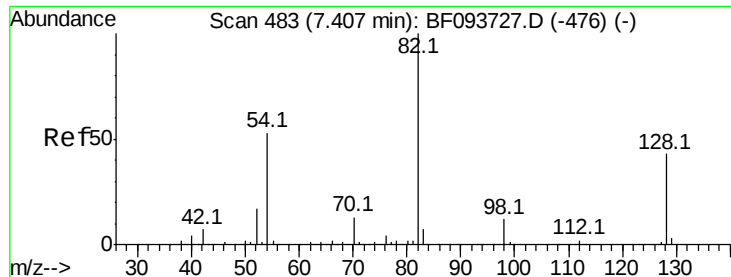
Abundance Ion 105.00 (104.70 to 105.70): E

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



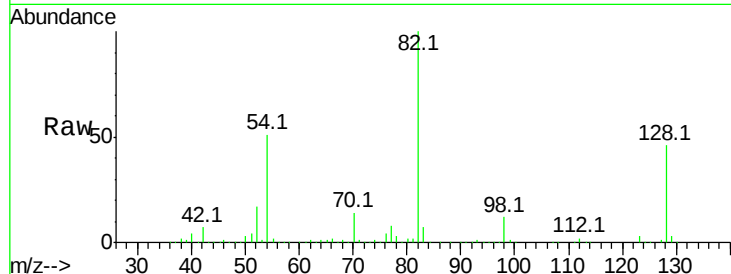


#23
 Nitrobenzene-d5
 Concen: 105.50 ng
 RT: 7.42 min Scan# 484
 Delta R.T. 0.01 min
 Lab File: BF093728.D
 Acq: 18 Mar 2017 2:26

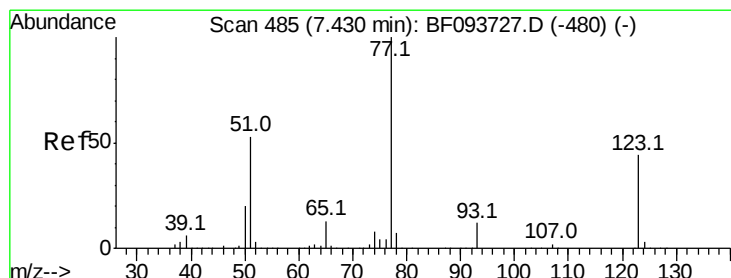
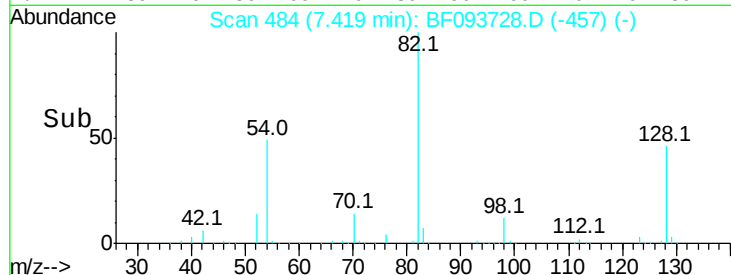
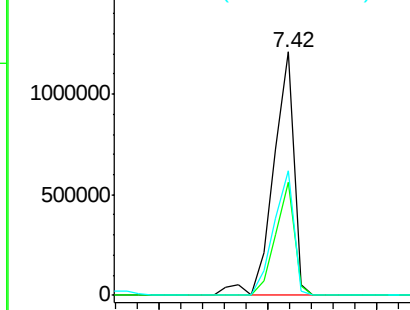
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion: 82 Resp: 1580798

Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	51.0	42.2	63.2



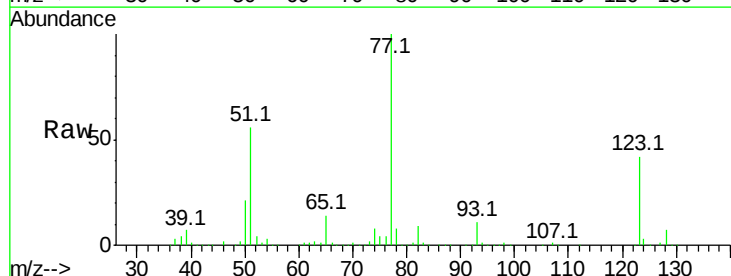
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0



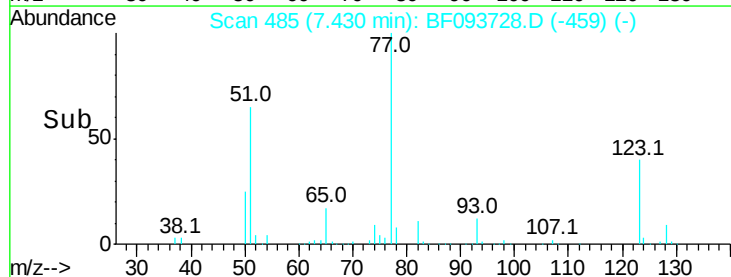
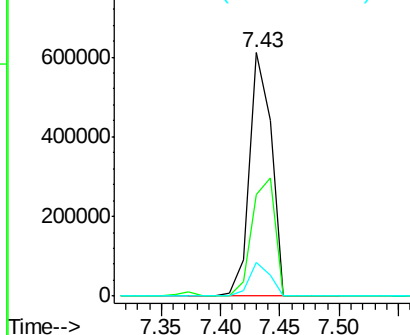
#24
 Nitrobenzene
 Concen: 48.08 ng
 RT: 7.43 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: BF093728.D
 Acq: 18 Mar 2017 2:26

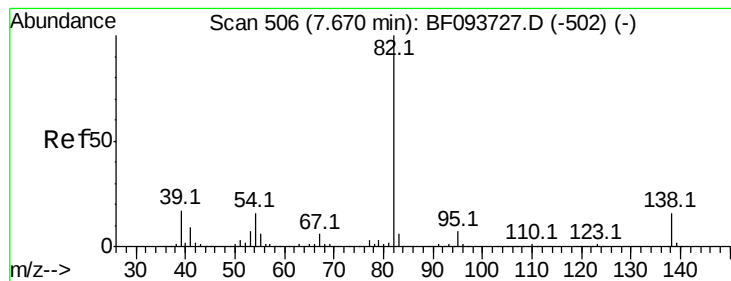
Tgt Ion: 77 Resp: 792086

Ion	Ratio	Lower	Upper
77	100		
123	41.7	35.8	53.8
65	13.7	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: 47.23 ng

RT: 7.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

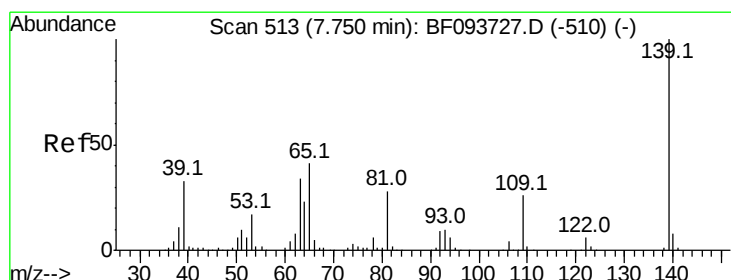
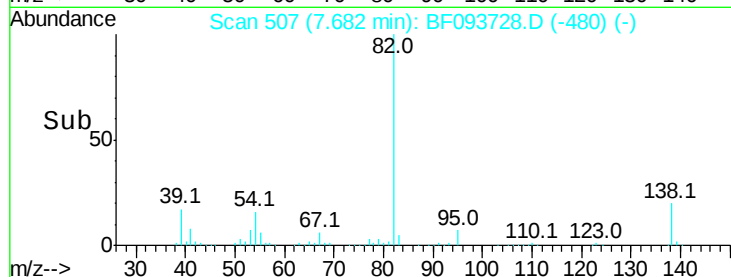
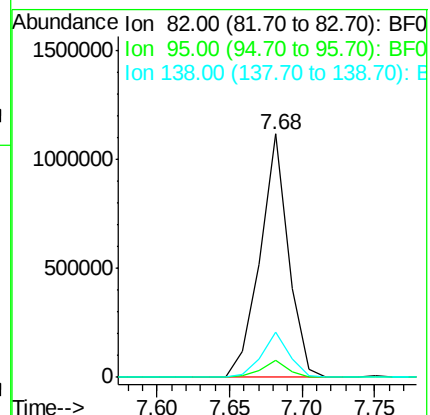
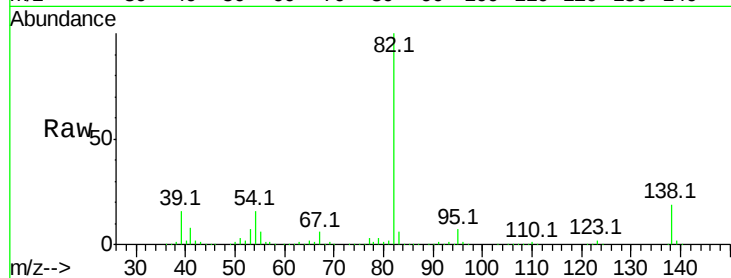
Tot Ion: 82 Resp: 1510810

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 18.7 13.1 19.7



#26

2-Nitrophenol

Concen: 63.10 ng

RT: 7.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

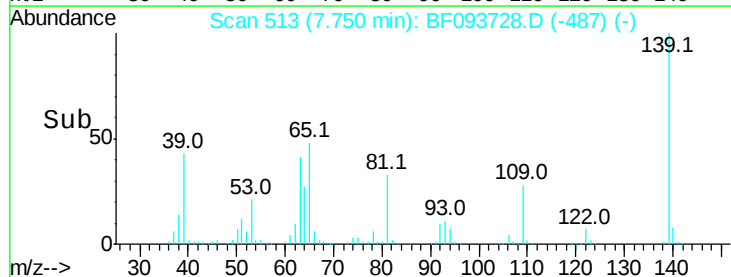
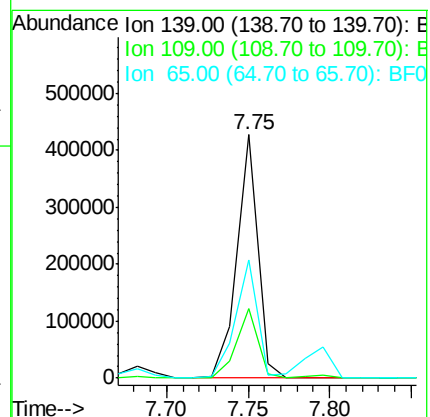
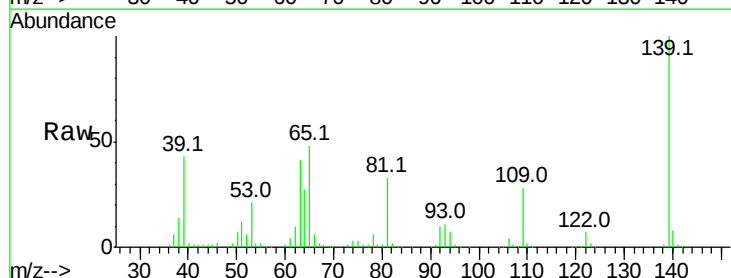
Tgt Ion: 139 Resp: 376064

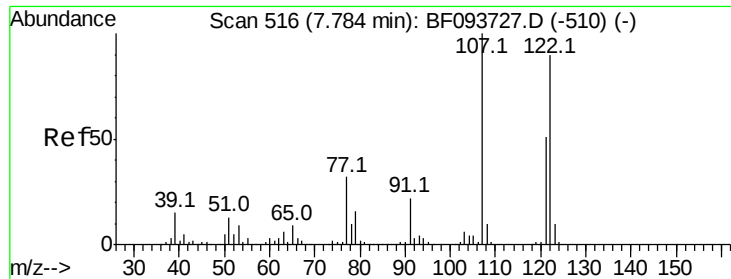
Ion Ratio Lower Upper

139 100

109 28.4 21.0 31.6

65 48.3 33.0 49.6

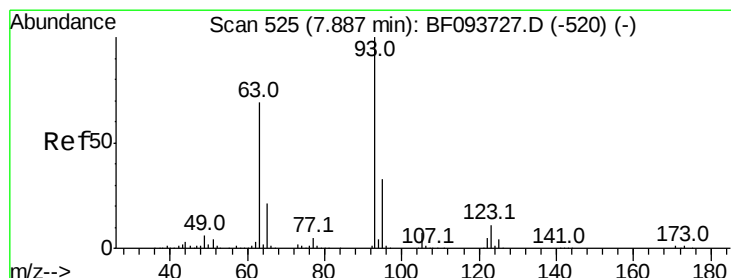
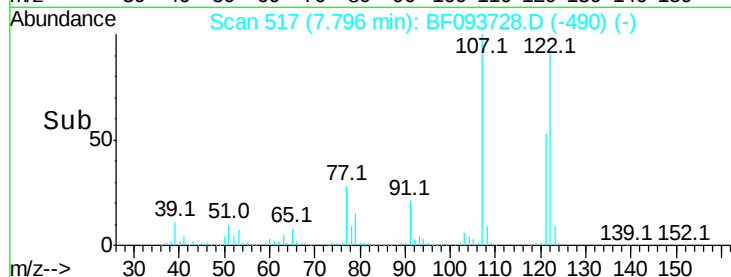
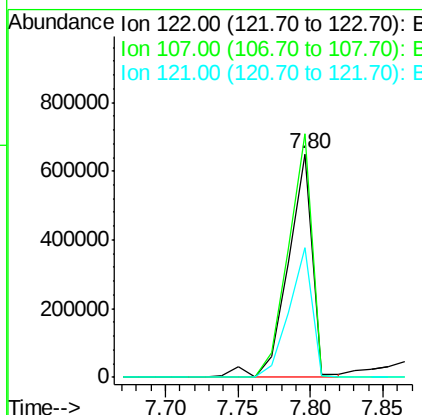
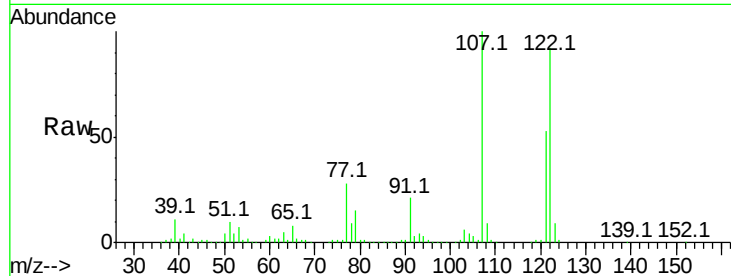




#27
2,4-Dimethylphenol
Concen: 49.63 ng
RT: 7.80 min Scan# 517
Delta R.T. 0.01 min
Lab File: BF093728.D
Acq: 18 Mar 2017 2:26

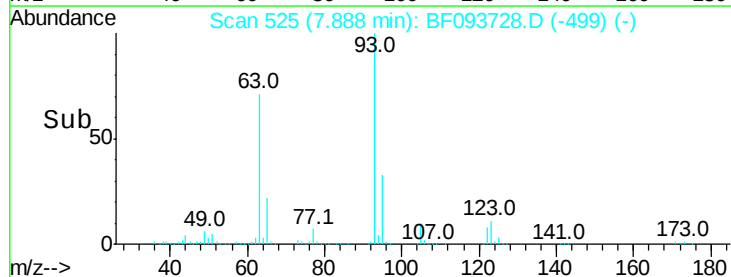
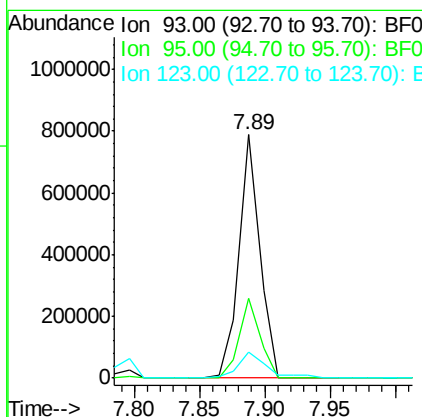
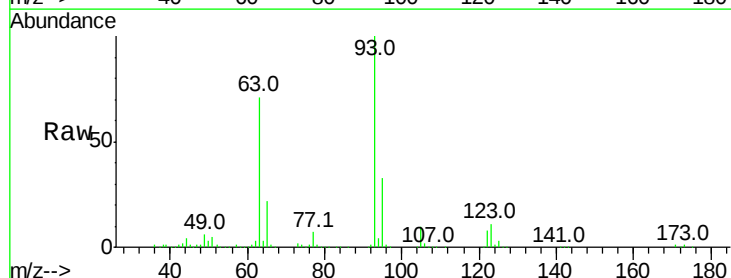
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

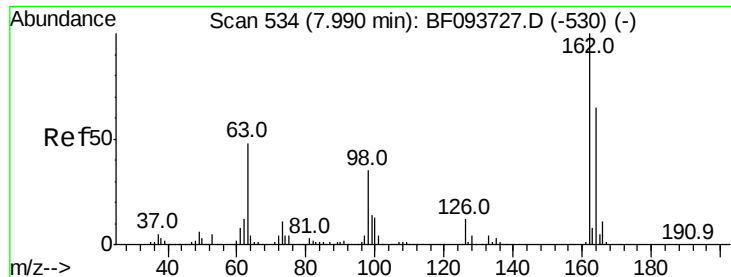
Tot Ion:122 Resp: 754539
Ion Ratio Lower Upper
122 100
107 108.9 89.2 133.8
121 58.1 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.09 ng
RT: 7.89 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF093728.D
Acq: 18 Mar 2017 2:26

Tgt Ion: 93 Resp: 872387
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 10.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 45.93 ng

RT: 7.99 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

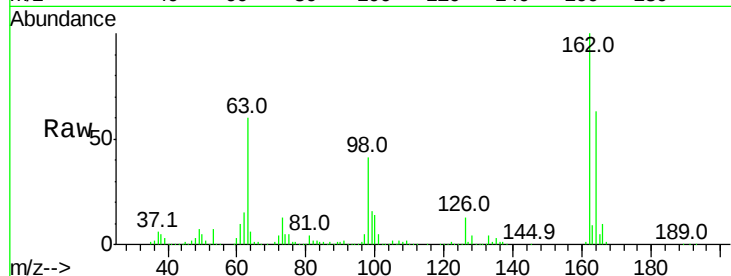
Tot Ion:162 Resp: 606823

Ion Ratio Lower Upper

162 100

164 63.4 44.6 84.6

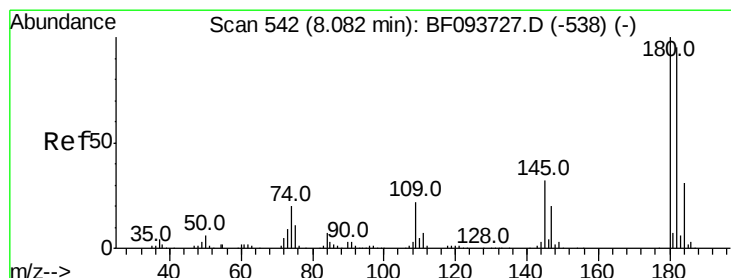
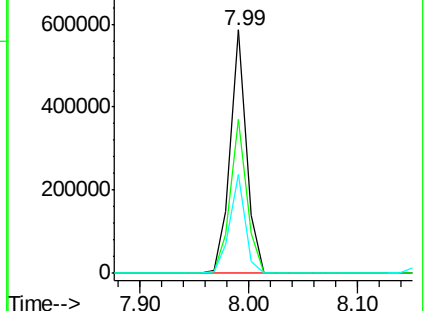
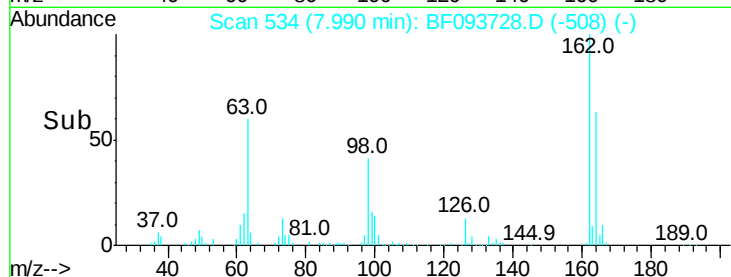
98 40.6 14.8 54.8



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: 47.73 ng

RT: 8.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

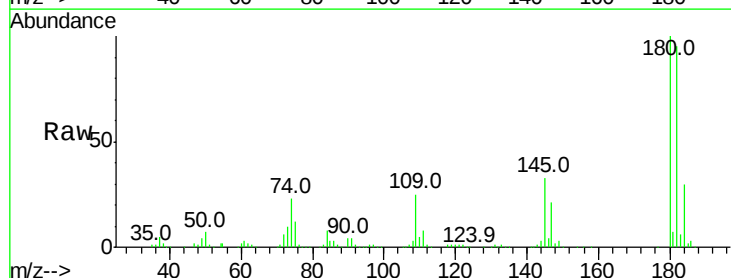
Tgt Ion:180 Resp: 655293

Ion Ratio Lower Upper

180 100

182 95.0 75.8 113.6

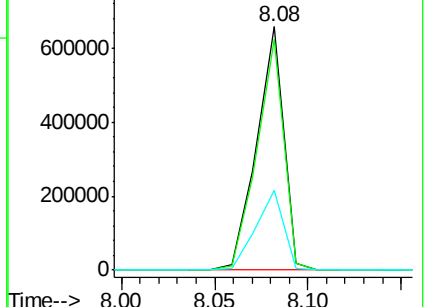
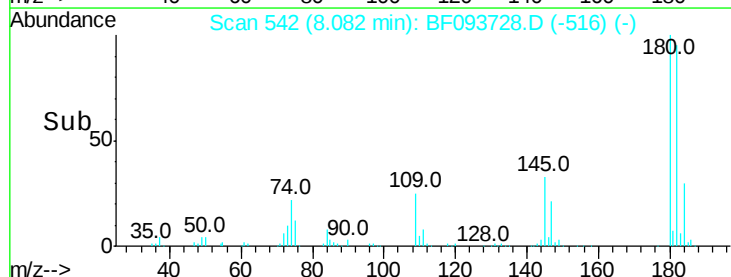
145 32.9 25.3 37.9

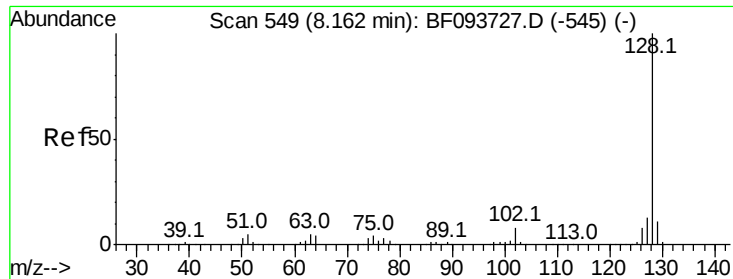


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

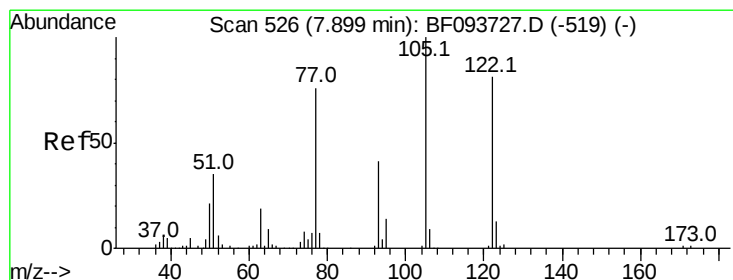
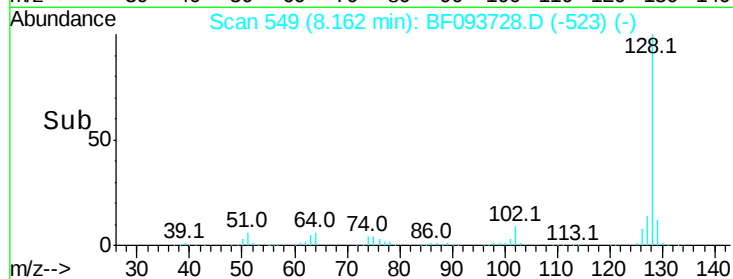
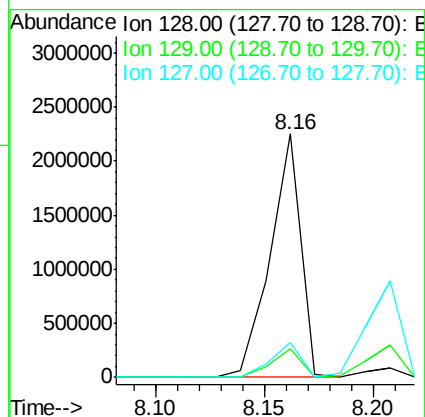
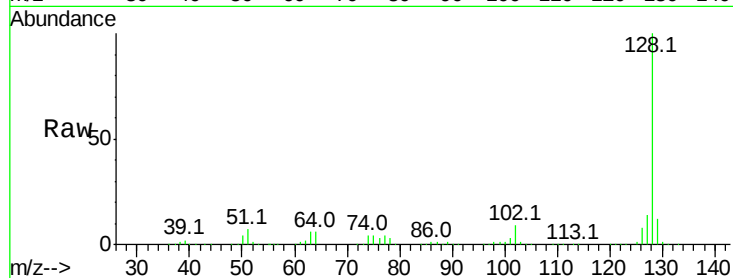




#31
Naphthalene
Concen: 46.61 ng
RT: 8.16 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF093728.D
Acq: 18 Mar 2017 2:26

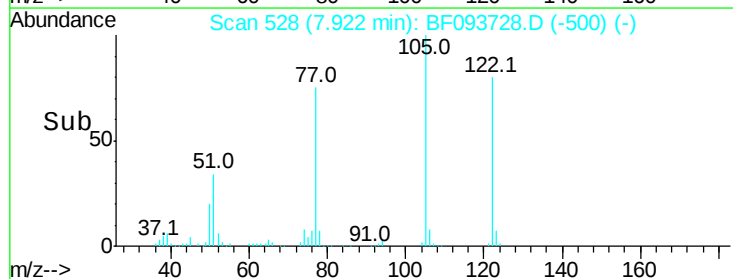
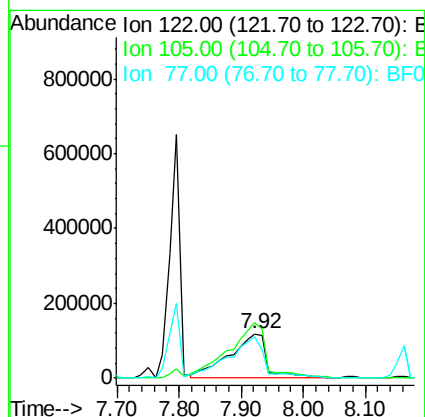
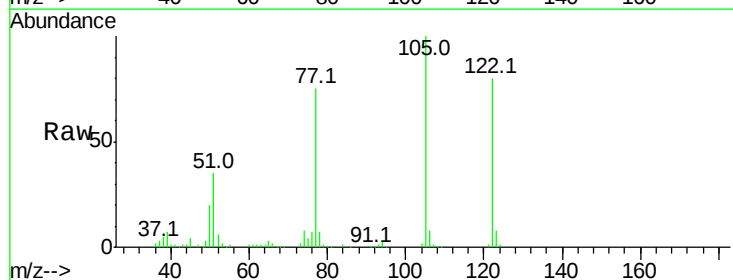
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

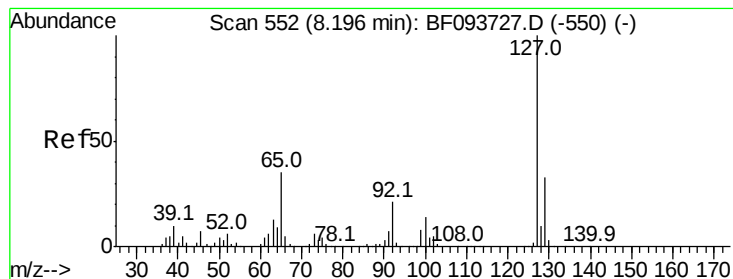
Tot Ion:128 Resp: 2224574
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 14.1 10.8 16.2



#32
Benzoic acid
Concen: 72.90 ng
RT: 7.92 min Scan# 528
Delta R.T. 0.02 min
Lab File: BF093728.D
Acq: 18 Mar 2017 2:26

Tgt Ion:122 Resp: 495429
Ion Ratio Lower Upper
122 100
105 124.4 103.3 143.3
77 93.0 73.7 113.7





#33

4-Chloroaniline

Concen: 48.17 ng

RT: 8.21 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:127 Resp: 971432

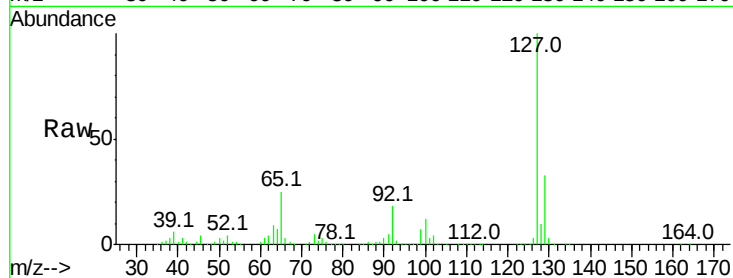
Ion Ratio Lower Upper

127 100

129 33.3 26.2 39.2

65 25.4 27.8 41.8#

92 18.0 16.8 25.2

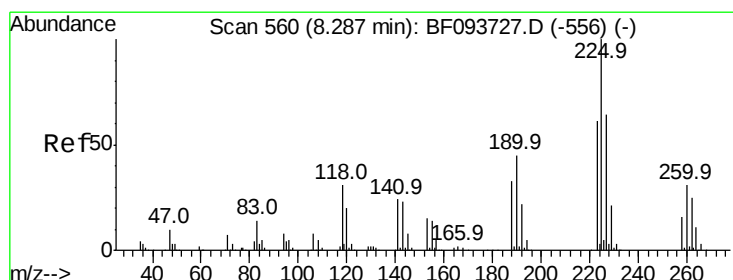
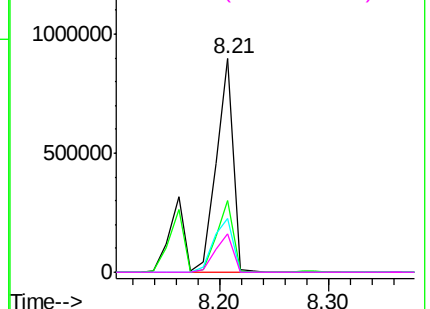
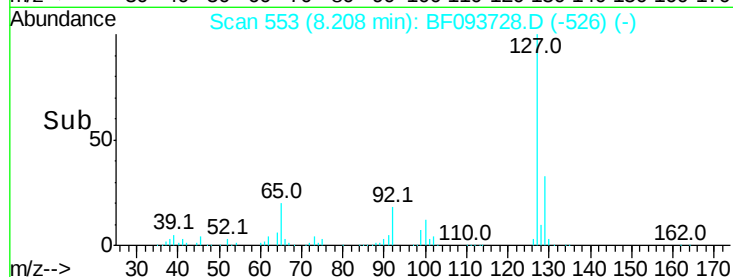


Abundance Ion 127.00 (126.70 to 127.70): E

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: 46.22 ng

RT: 8.29 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

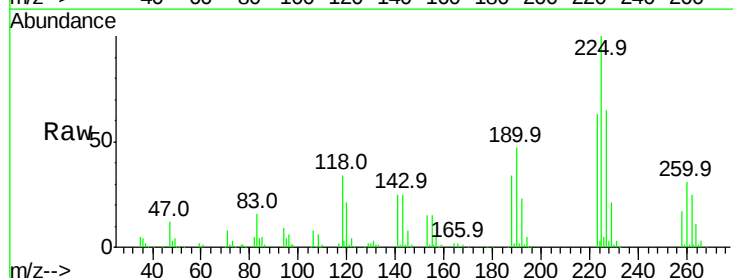
Tgt Ion:225 Resp: 334227

Ion Ratio Lower Upper

225 100

223 63.1 48.8 73.2

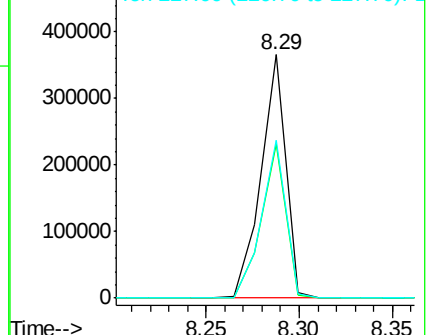
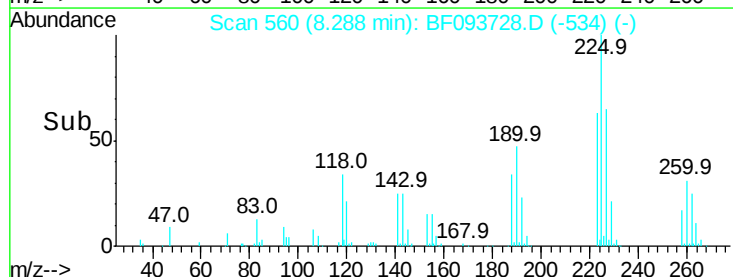
227 64.6 51.1 76.7

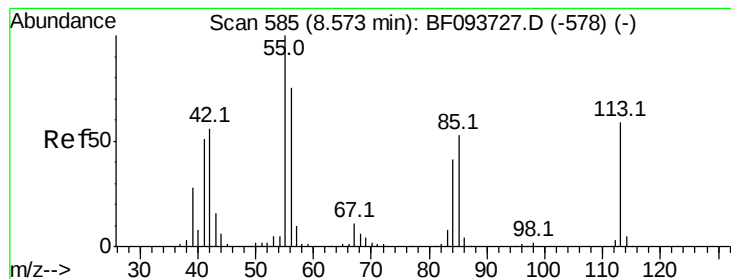


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 45.05 ng

RT: 8.58 min Scan# 586

Delta R.T. 0.01 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

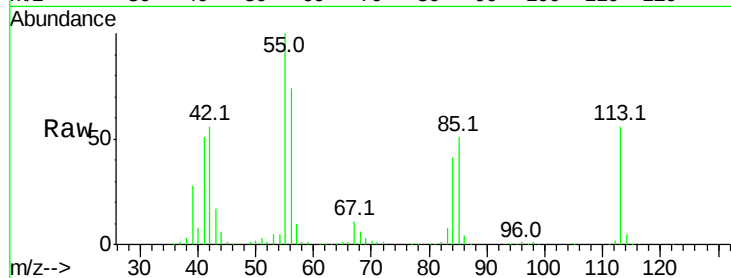
Tot Ion:113 Resp: 204012

Ion Ratio Lower Upper

113 100

55 178.7 150.2 190.2

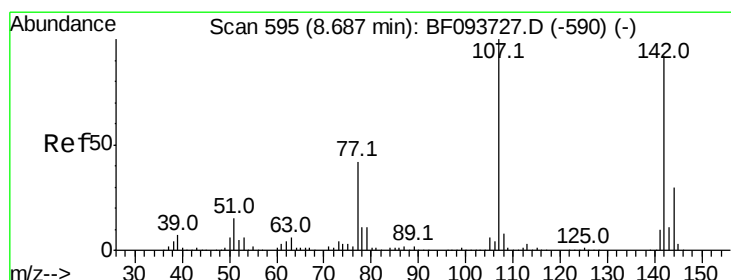
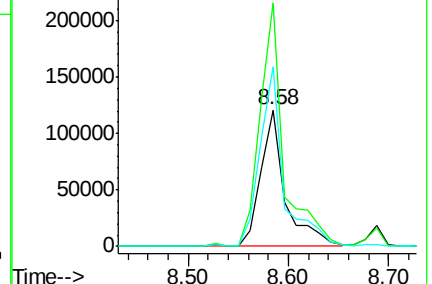
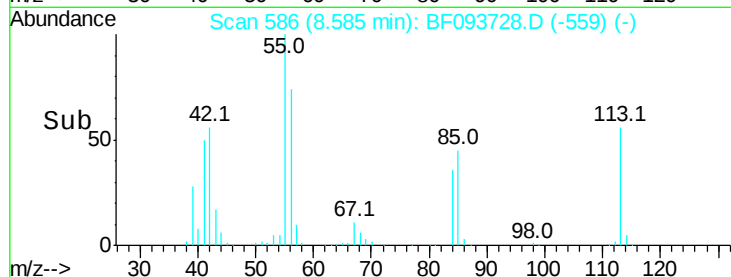
56 132.1 107.8 147.8



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: 47.46 ng

RT: 8.69 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

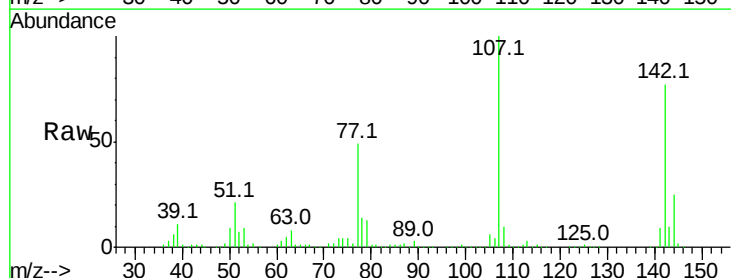
Tgt Ion:107 Resp: 659262

Ion Ratio Lower Upper

107 100

144 25.0 24.2 36.4

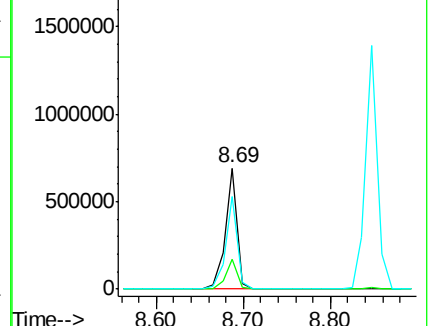
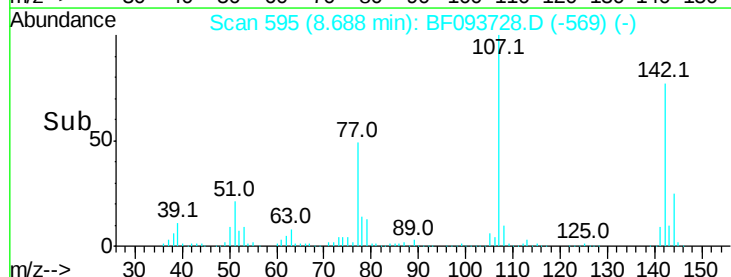
142 76.9 73.4 110.0

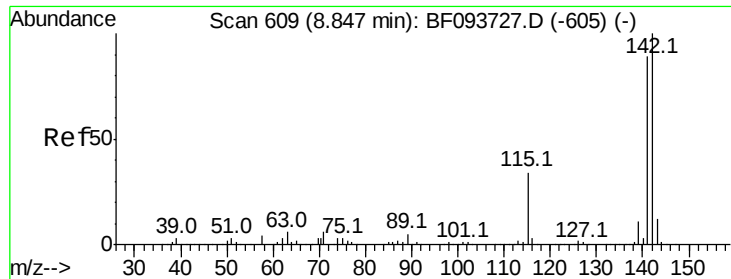


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

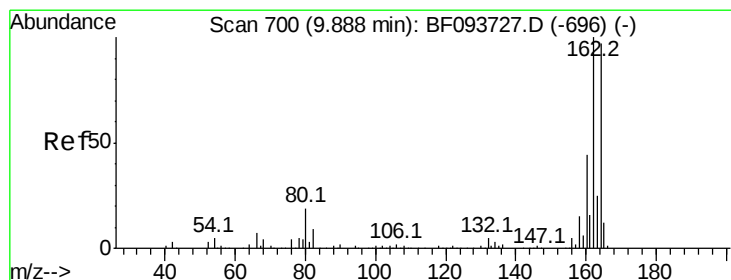
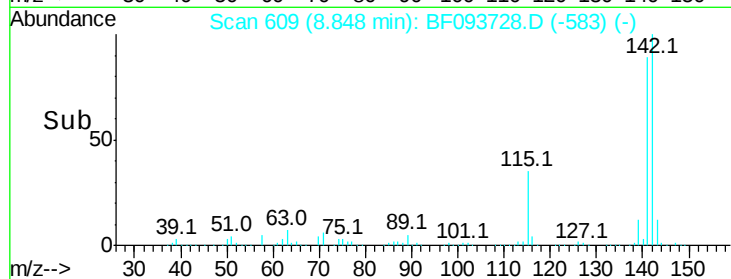
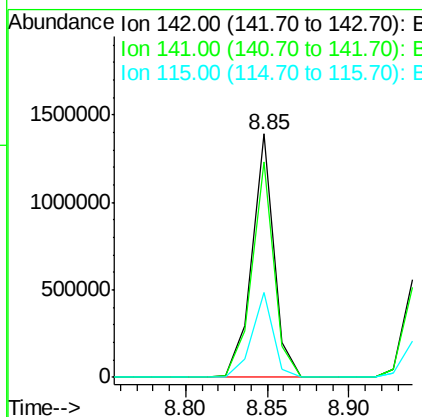
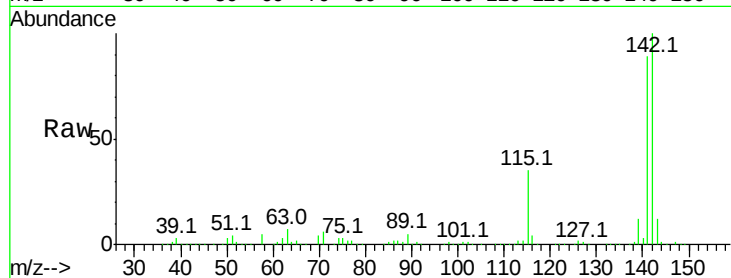




#37
 2-Methylnaphthalene
 Concen: 41.00 ng
 RT: 8.85 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF093728.D
 Acq: 18 Mar 2017 2:26

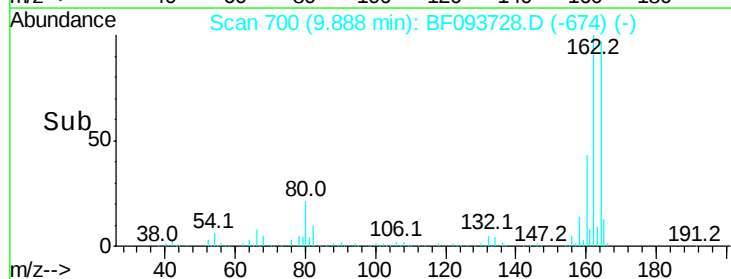
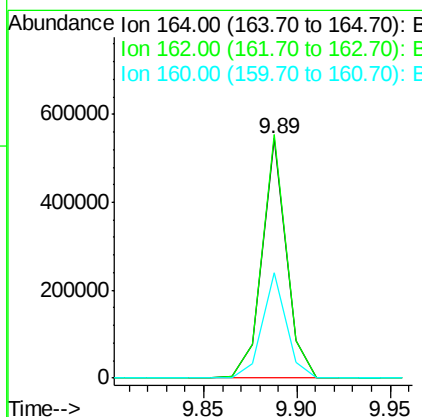
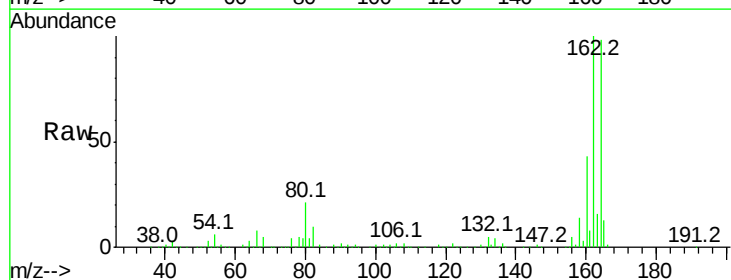
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

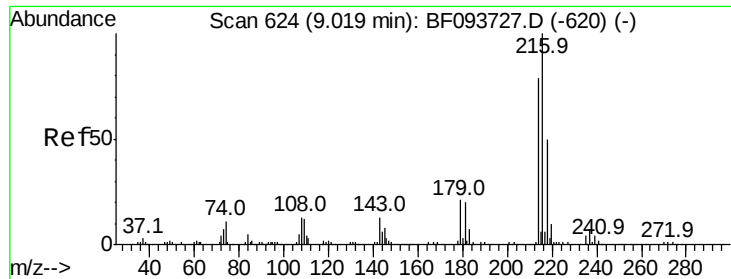
Tot Ion:142 Resp: 1306068
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.3 106.9
 115 34.8 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF093728.D
 Acq: 18 Mar 2017 2:26

Tgt Ion:164 Resp: 486701
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.6 123.8
 160 44.1 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.98 ng

RT: 9.02 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:216 Resp: 550088

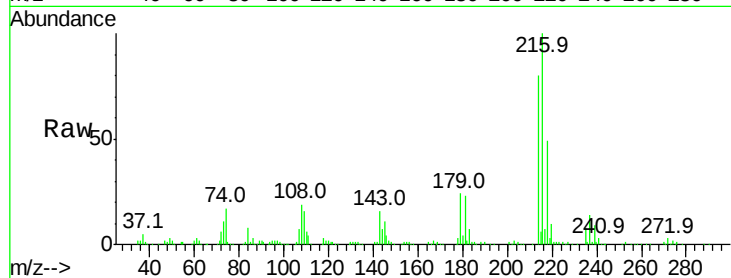
Ion Ratio Lower Upper

216 100

214 80.2 63.4 95.2

179 23.8 17.9 26.9

108 22.8 16.5 24.7

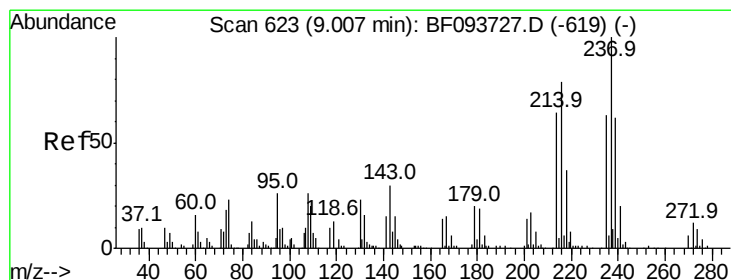
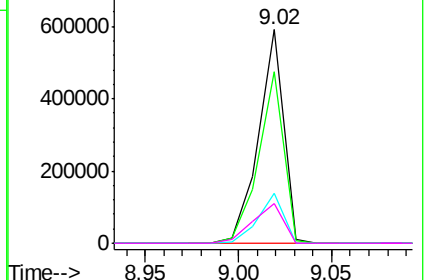
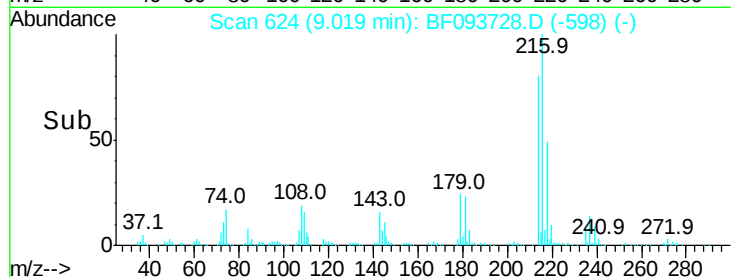


Abundance Ion 216.00 (215.70 to 216.70): E

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: 46.97 ng

RT: 9.01 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

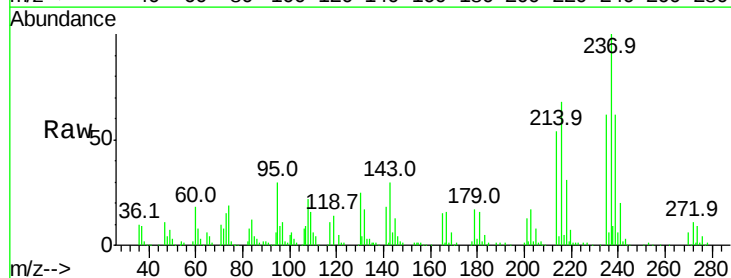
Tgt Ion:237 Resp: 268275

Ion Ratio Lower Upper

237 100

235 62.3 42.6 82.6

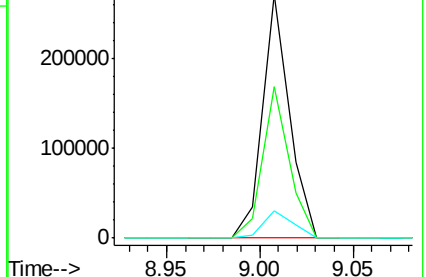
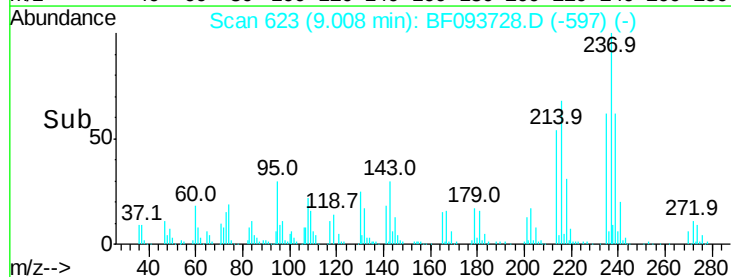
272 11.2 0.0 31.9

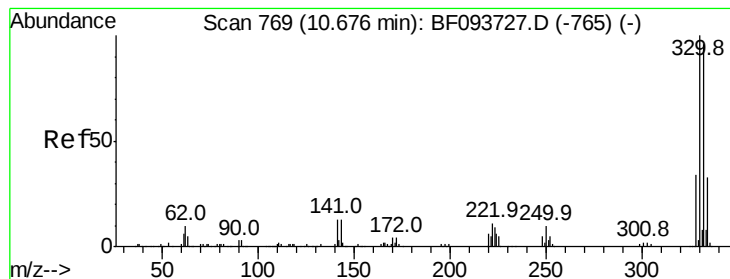


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 103.72 ng

RT: 10.68 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

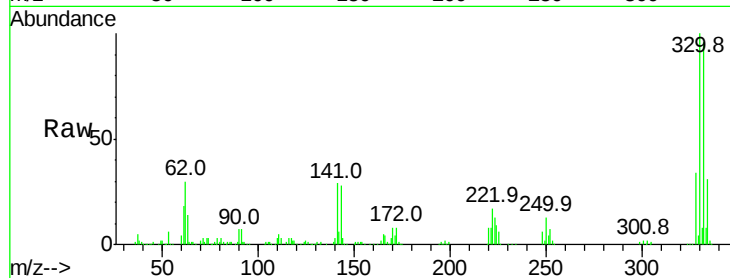
Tot Ion:330 Resp: 326770

Ion Ratio Lower Upper

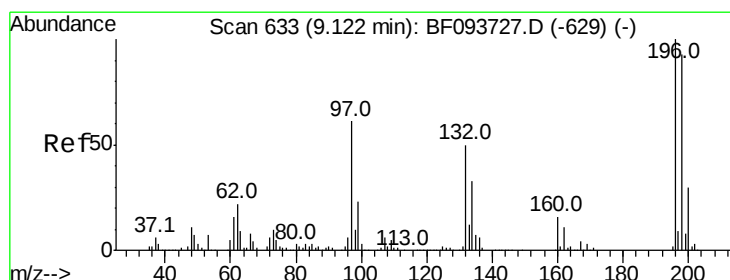
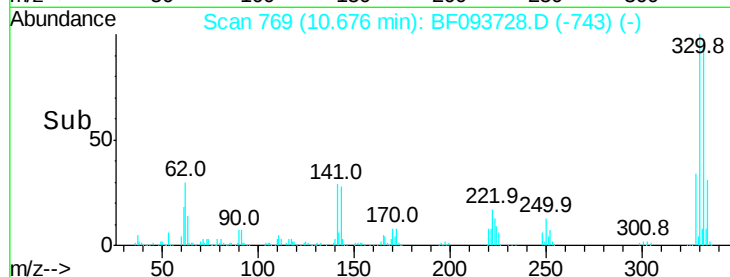
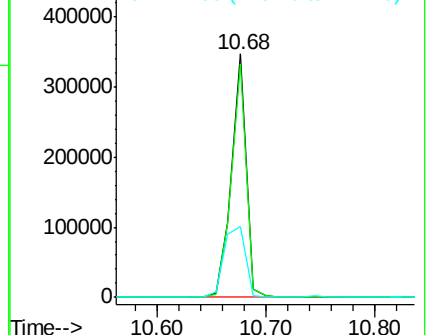
330 100

332 96.4 76.6 115.0

141 42.7 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: 50.18 ng

RT: 9.12 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

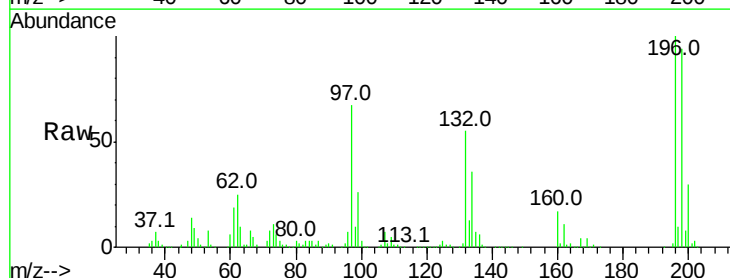
Tgt Ion:196 Resp: 417368

Ion Ratio Lower Upper

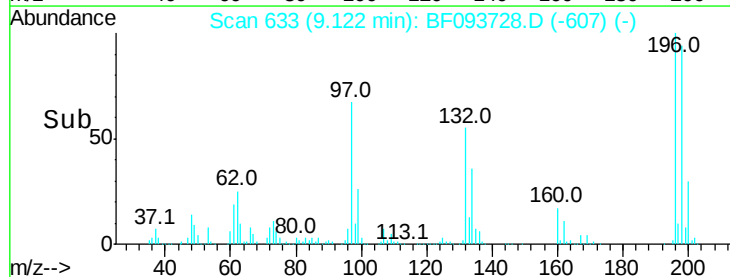
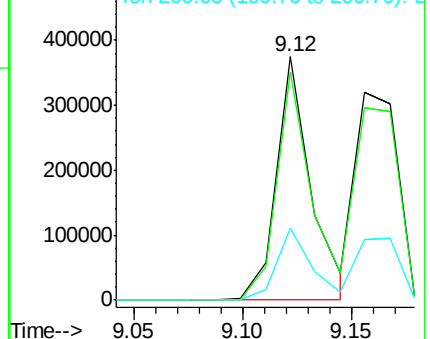
196 100

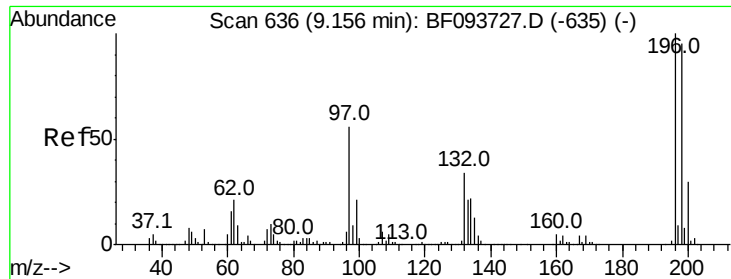
198 93.6 74.2 111.4

200 29.8 24.0 36.0



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

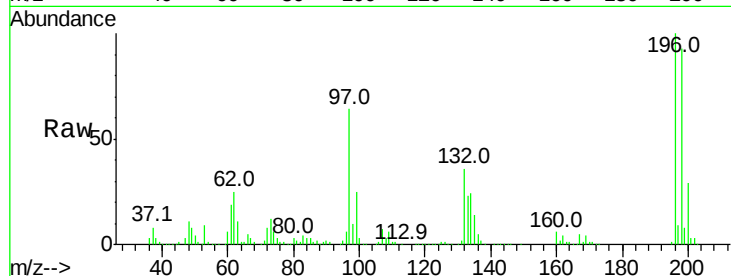




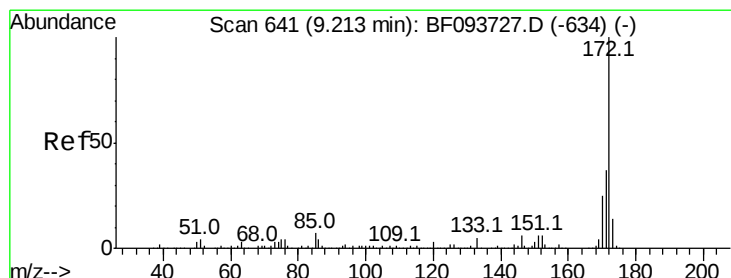
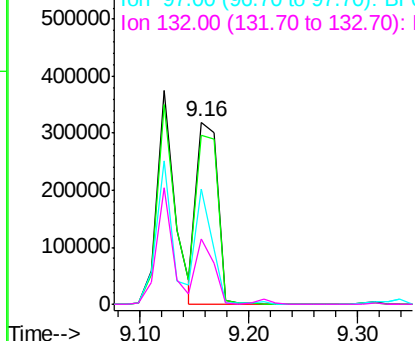
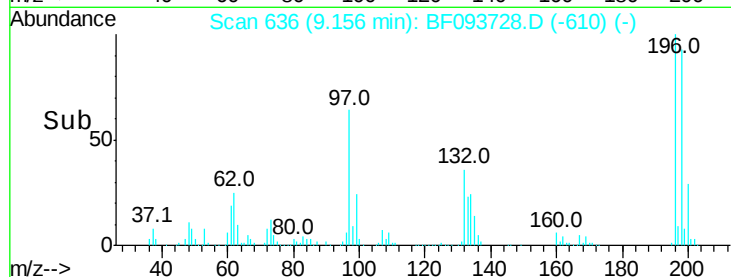
#43
 2,4,5-Trichlorophenol
 Concen: 50.21 ng
 RT: 9.16 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF093728.D
 Acq: 18 Mar 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:196 Resp: 433246
 Ion Ratio Lower Upper
 196 100
 198 92.7 75.7 113.5
 97 63.6 47.7 71.5
 132 35.9 28.0 42.0

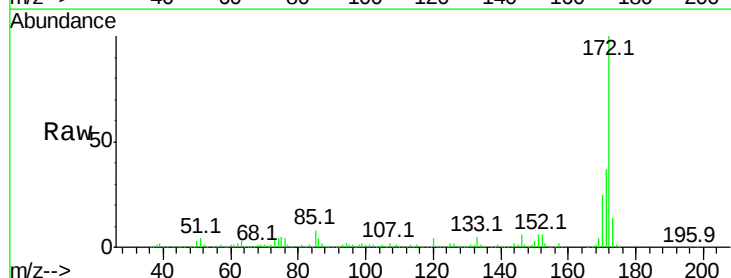


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

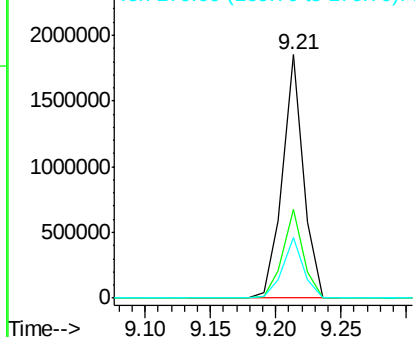
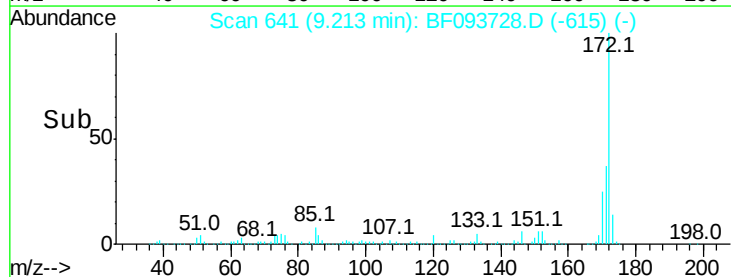


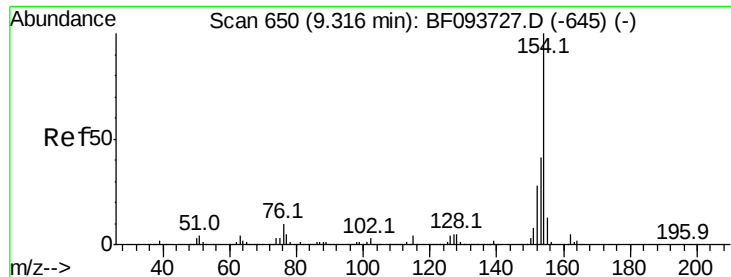
#44
 2-Fluorobiphenyl
 Concen: 83.93 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093728.D
 Acq: 18 Mar 2017 2:26

Tgt Ion:172 Resp: 2099160
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.9 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: 44.98 ng

RT: 9.32 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

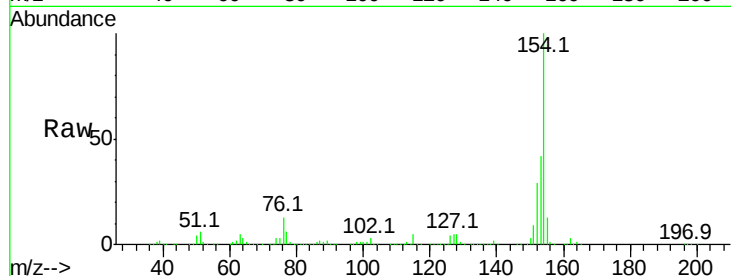
Tot Ion:154 Resp: 1591796

Ion Ratio Lower Upper

154 100

153 41.5 21.2 61.2

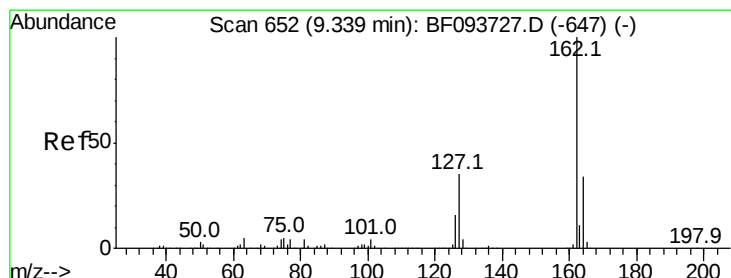
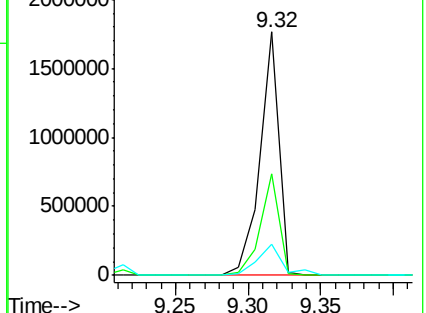
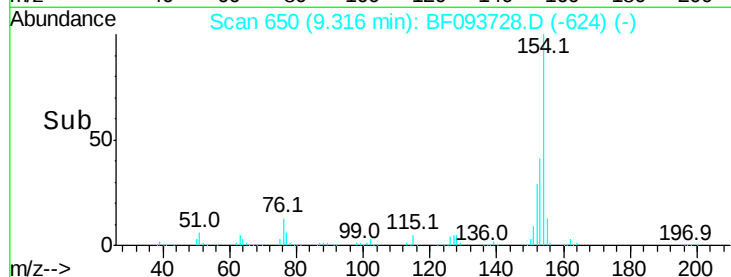
76 12.8 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 48.01 ng

RT: 9.34 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

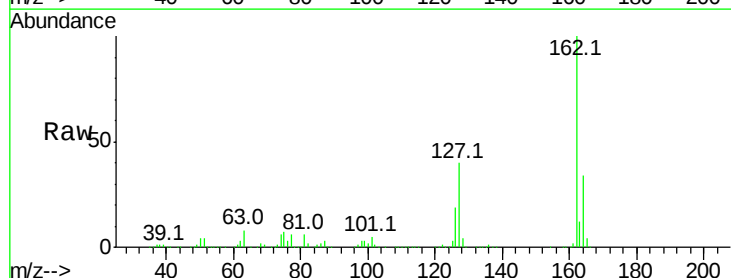
Tgt Ion:162 Resp: 1315736

Ion Ratio Lower Upper

162 100

127 40.4 28.3 42.5

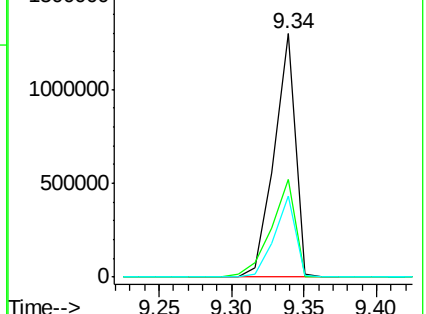
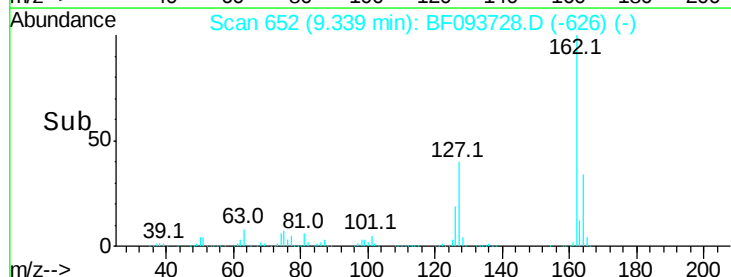
164 33.5 27.0 40.4

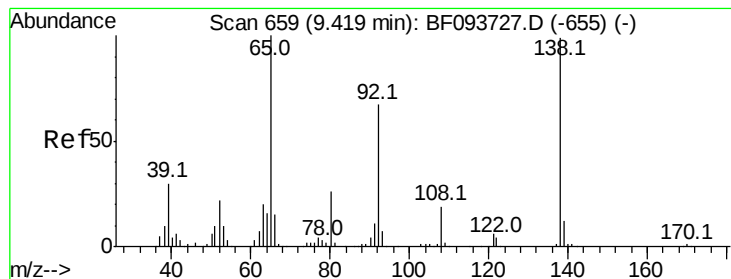


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 59.02 ng

RT: 9.43 min Scan# 660

Delta R.T. 0.01 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

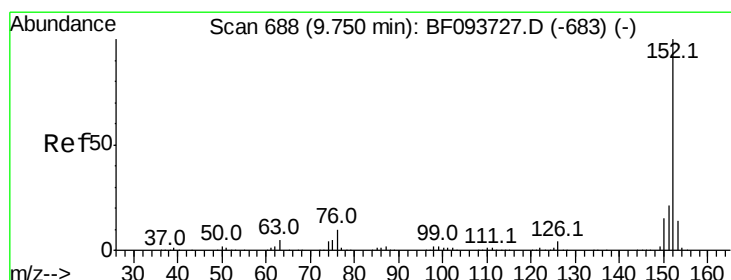
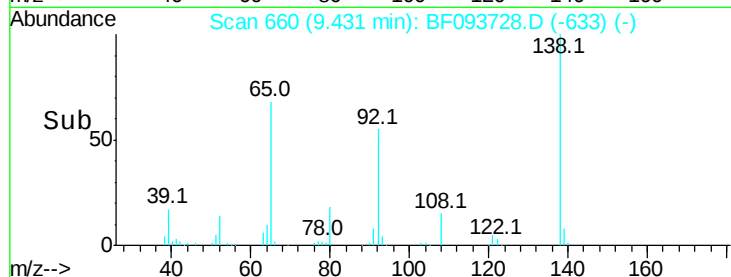
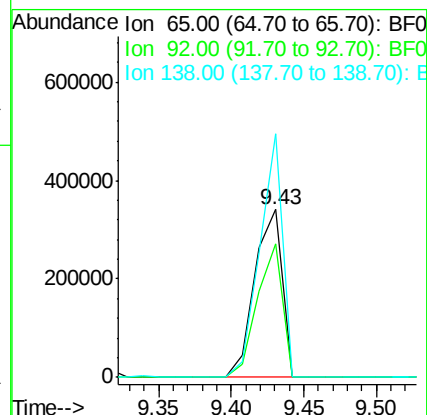
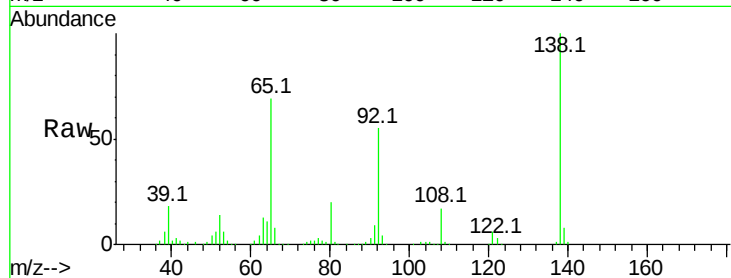
Tot Ion: 65 Resp: 447708

Ion Ratio Lower Upper

65 100

92 79.7 53.9 80.9

138 145.3 78.8 118.2#



#48

Acenaphthylene

Concen: 43.57 ng

RT: 9.75 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

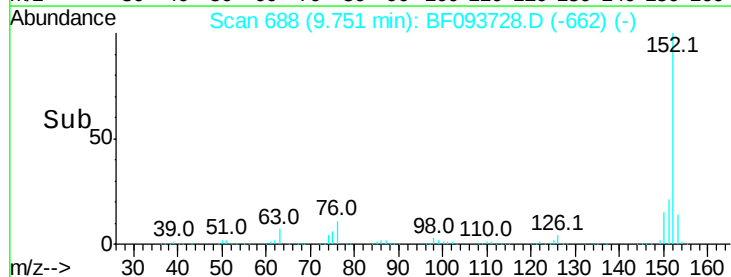
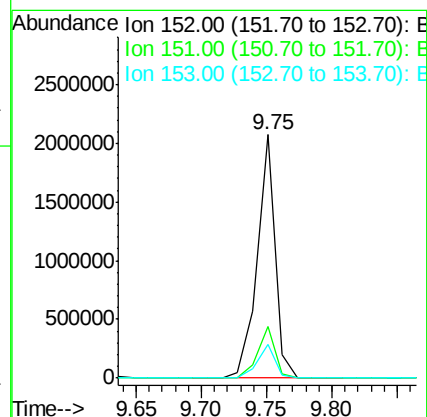
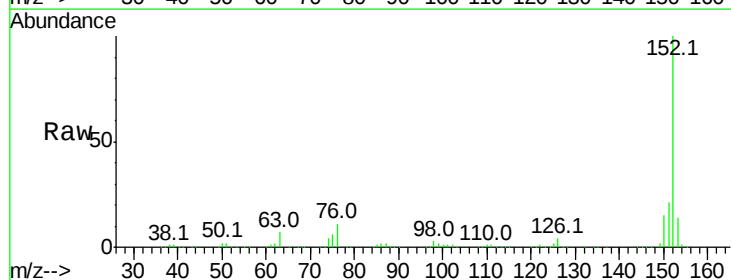
Tgt Ion: 152 Resp: 1980641

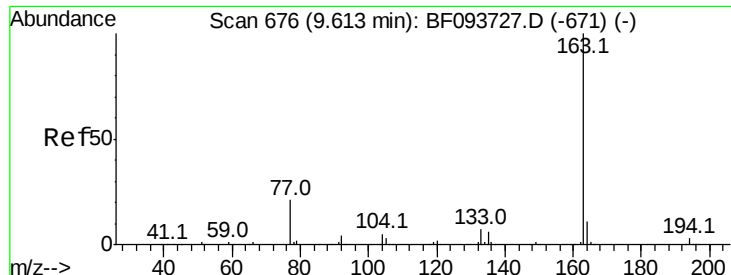
Ion Ratio Lower Upper

152 100

151 21.2 16.8 25.2

153 13.8 10.8 16.2





#49

Dimethylphthalate

Concen: 47.06 ng

RT: 9.62 min Scan# 677

Delta R.T. 0.01 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

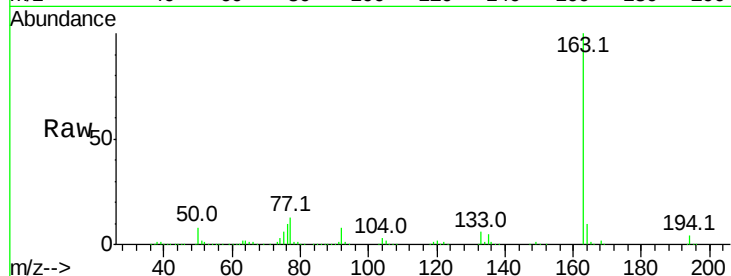
Tot Ion:163 Resp: 1513776

Ion Ratio Lower Upper

163 100

194 4.0 2.6 4.0#

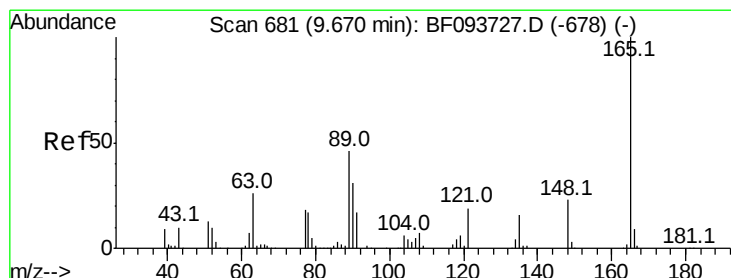
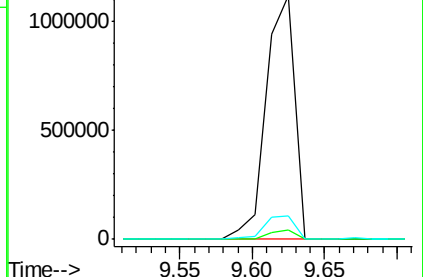
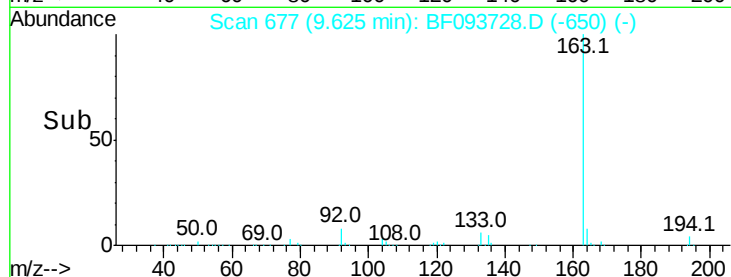
164 9.8 8.4 12.6



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: 45.53 ng

RT: 9.67 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

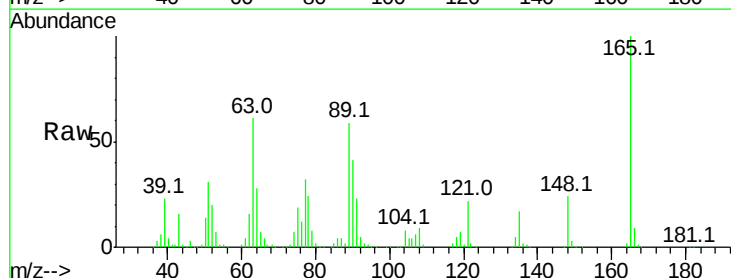
Tgt Ion:165 Resp: 316594

Ion Ratio Lower Upper

165 100

63 61.1 34.3 51.5#

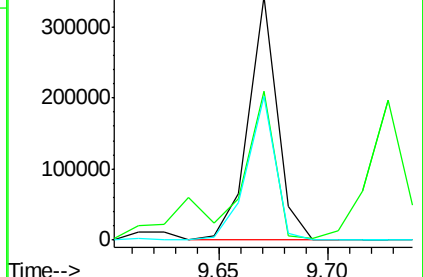
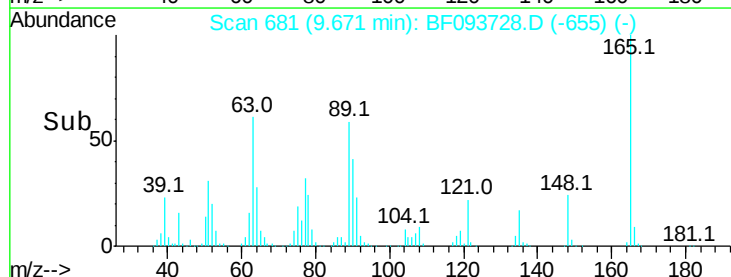
89 59.3 37.1 55.7#

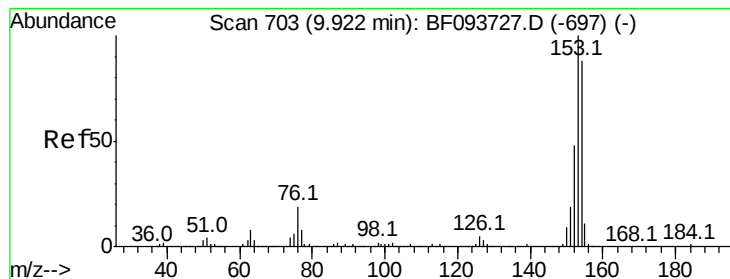


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.07 ng

RT: 9.92 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

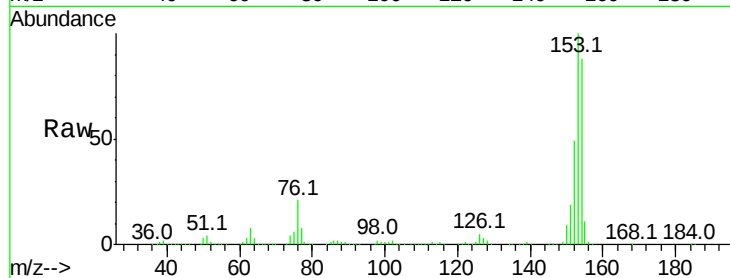
Tot Ion:154 Resp: 1152371

Ion Ratio Lower Upper

154 100

153 113.2 90.5 135.7

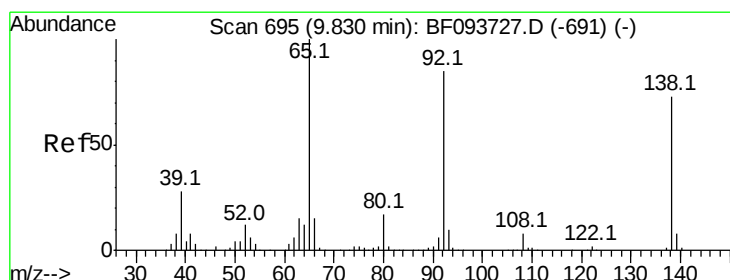
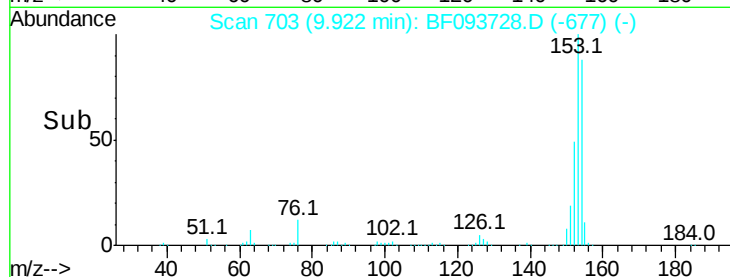
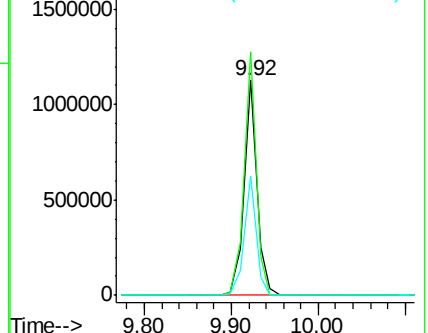
152 55.4 43.6 65.4



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: 59.04 ng

RT: 9.84 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

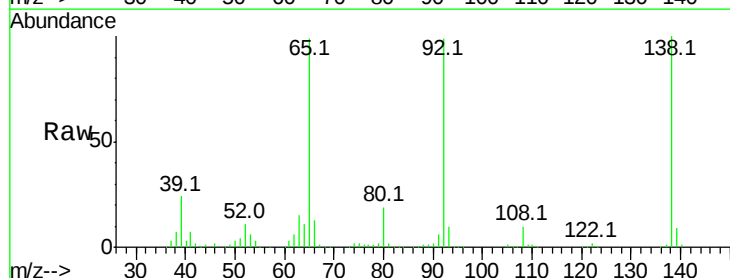
Tgt Ion:138 Resp: 473375

Ion Ratio Lower Upper

138 100

108 10.1 9.1 13.7

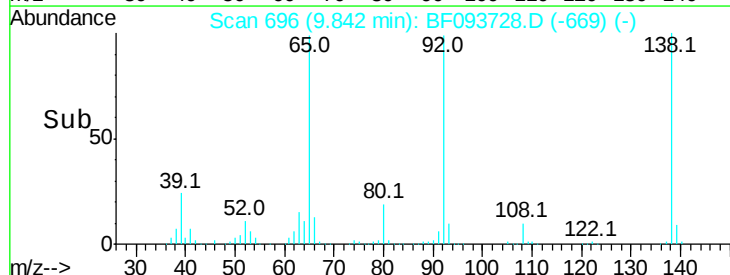
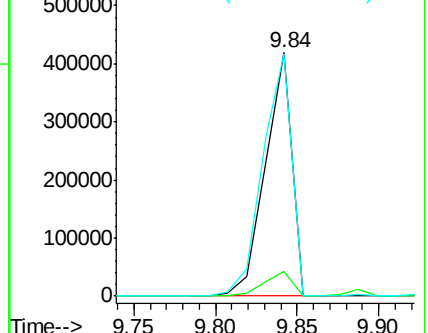
92 99.4 93.8 140.6

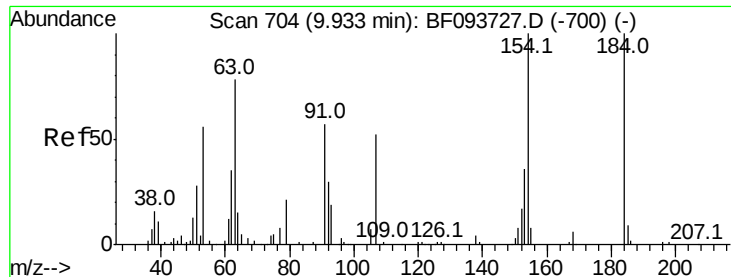


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

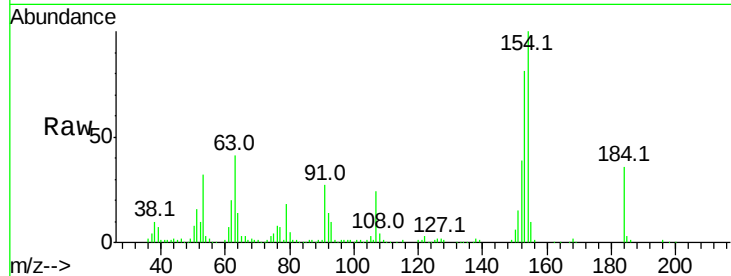




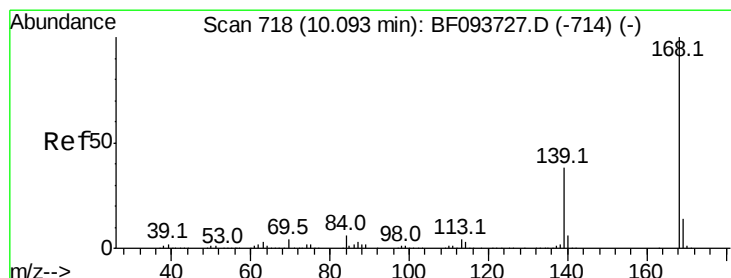
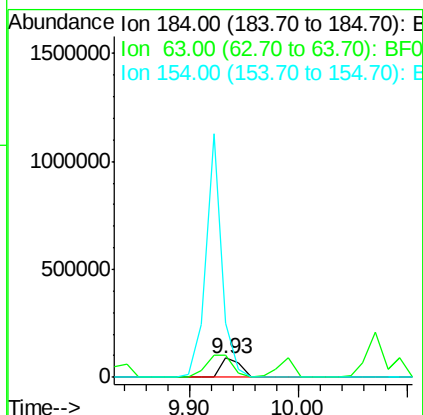
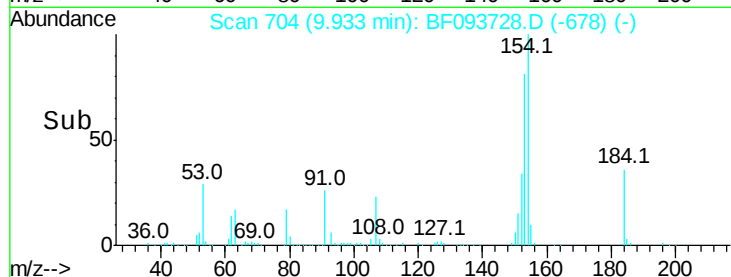
#53
2,4-Dinitrophenol
Concen: 66.51 ng
RT: 9.93 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF093728.D
Acq: 18 Mar 2017 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:184 Resp: 116885
Ion Ratio Lower Upper
184 100
63 113.9 62.7 94.1#
154 278.3 81.1 121.7#

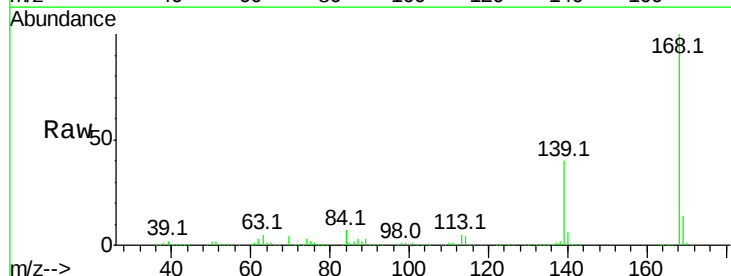


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

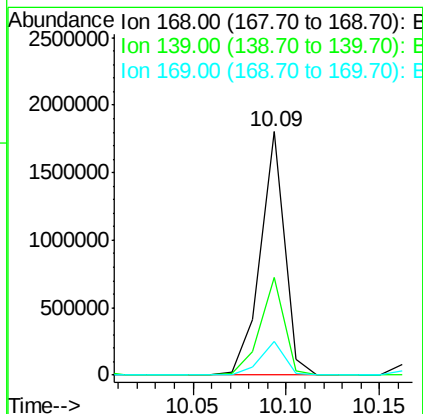
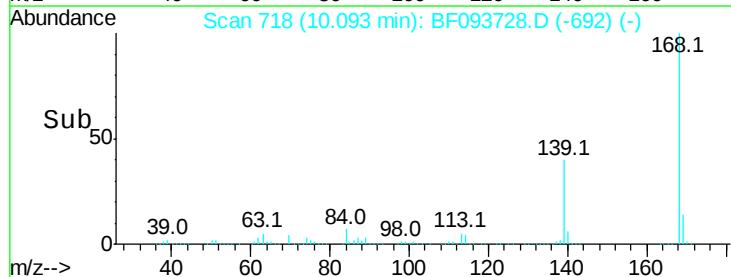


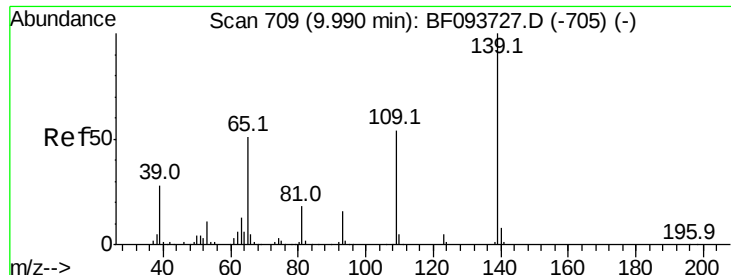
#54
Dibenzofuran
Concen: 44.24 ng
RT: 10.09 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF093728.D
Acq: 18 Mar 2017 2:26

Tgt Ion:168 Resp: 1612461
Ion Ratio Lower Upper
168 100
139 40.0 30.6 45.8
169 14.0 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: 55.42 ng

RT: 9.99 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

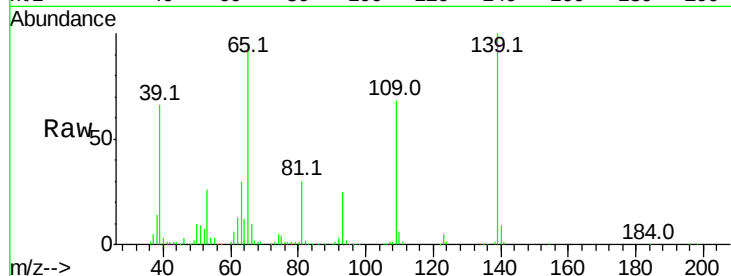
Tot Ion:139 Resp: 309944

Ion Ratio Lower Upper

139 100

109 67.8 34.1 74.1

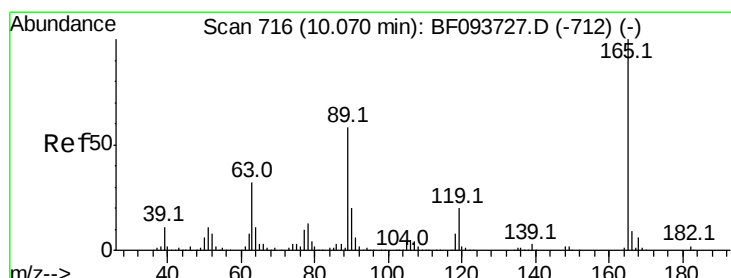
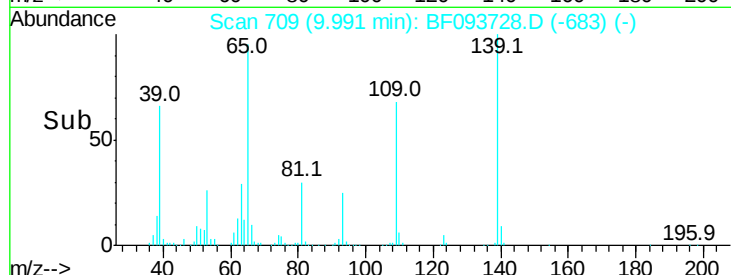
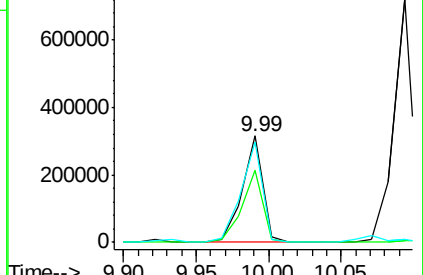
65 94.8 31.4 71.4#



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: 53.91 ng

RT: 10.07 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Tgt Ion:165 Resp: 424708

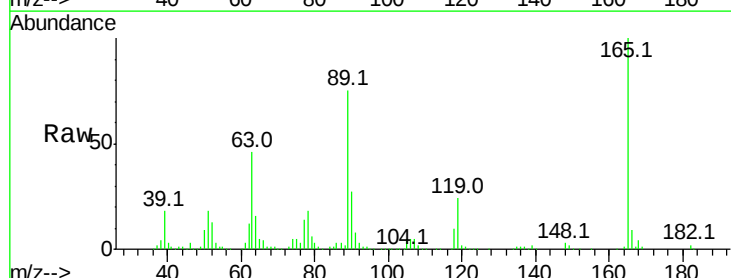
Ion Ratio Lower Upper

165 100

63 46.4 25.4 38.0#

89 74.6 46.4 69.6#

182 2.3 1.8 2.6

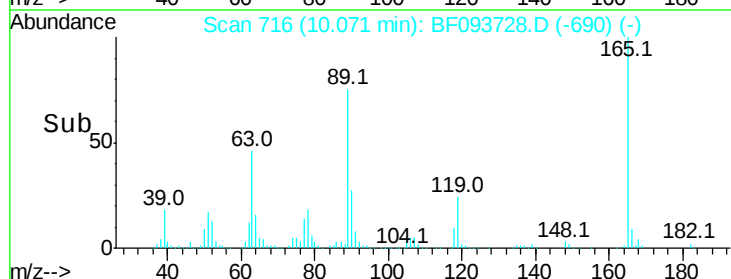
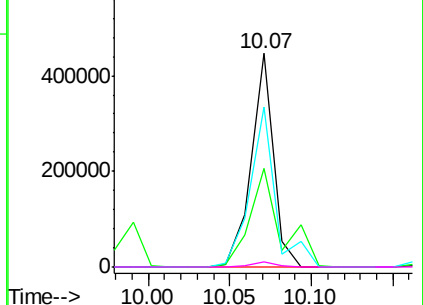


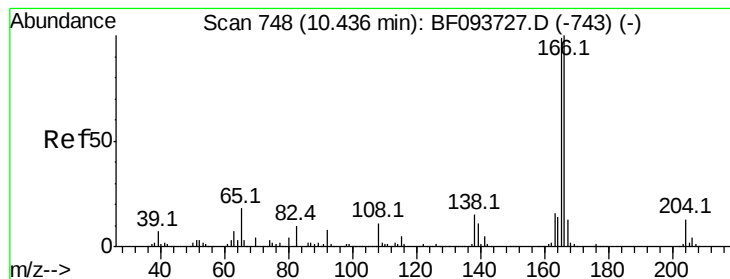
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.90 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

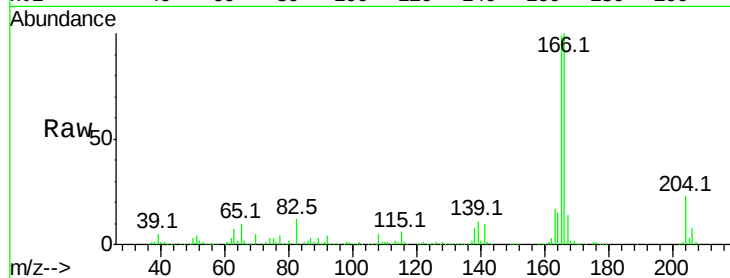
Tot Ion:166 Resp: 1193639

Ion Ratio Lower Upper

166 100

165 98.7 78.8 118.2

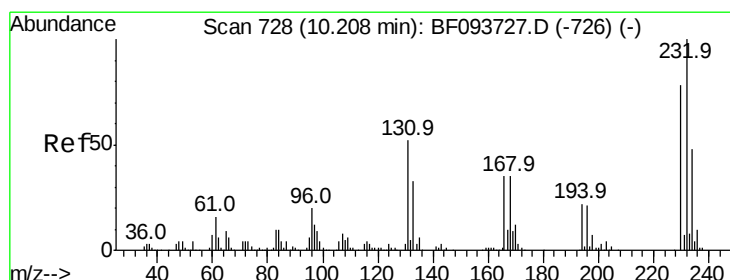
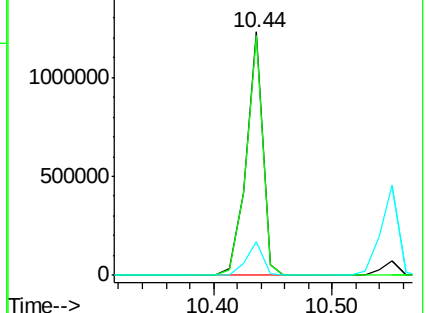
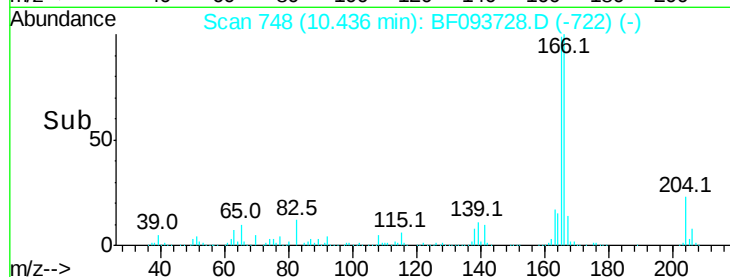
167 13.7 10.6 16.0



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: 49.57 ng

RT: 10.21 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Tgt Ion:232 Resp: 291375

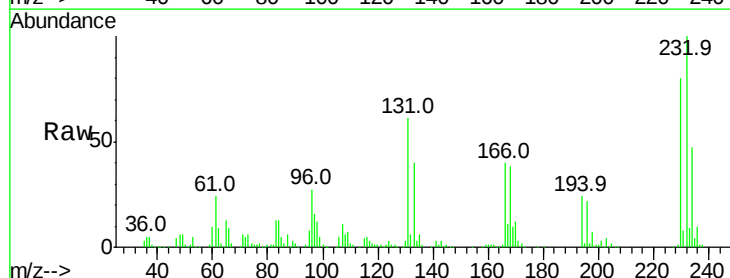
Ion Ratio Lower Upper

232 100

131 56.9 44.8 67.2

130 2.9 2.3 3.5

166 37.1 29.0 43.4

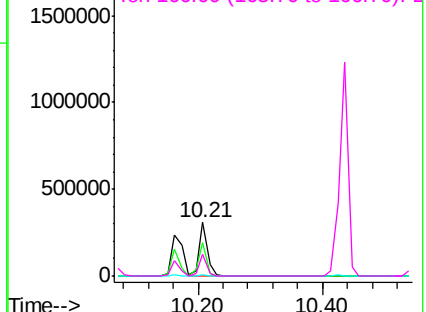
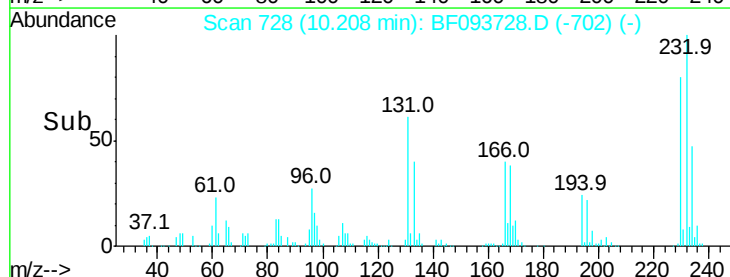


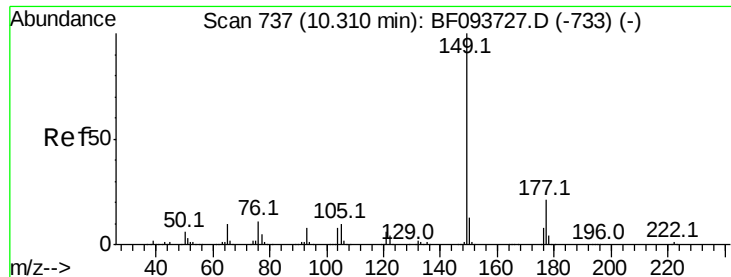
Abundance Ion 232.00 (231.70 to 232.70): E

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

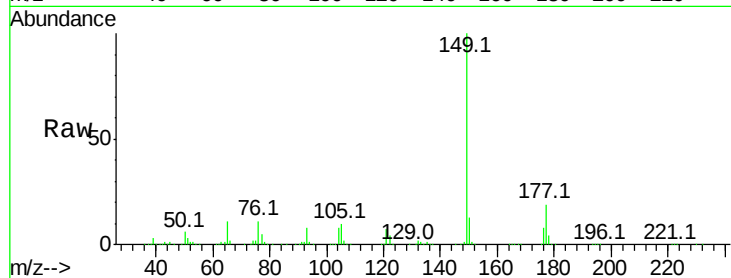




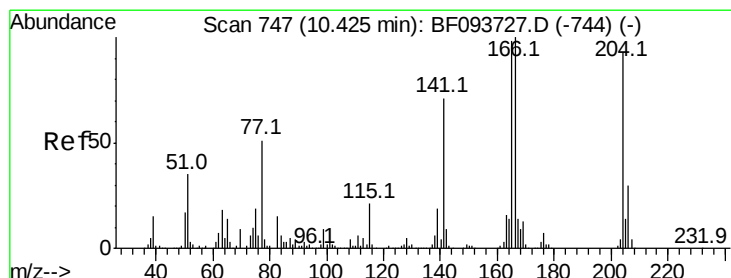
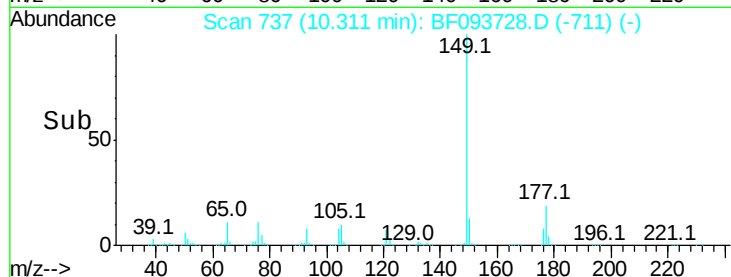
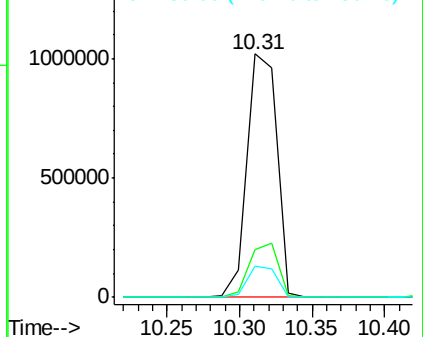
#59
Diethylphthalate
Concen: 47.67 ng
RT: 10.31 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF093728.D
Acq: 18 Mar 2017 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:149 Resp: 1458368
Ion Ratio Lower Upper
149 100
177 19.5 16.7 25.1
150 13.0 10.2 15.2

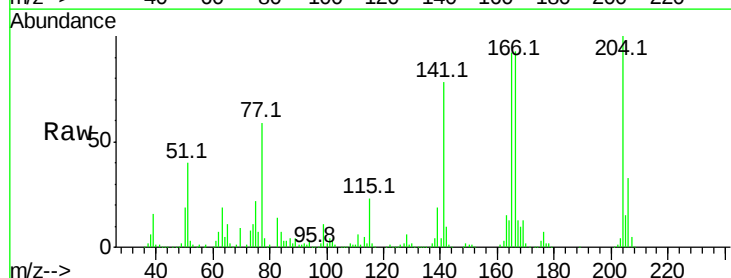


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

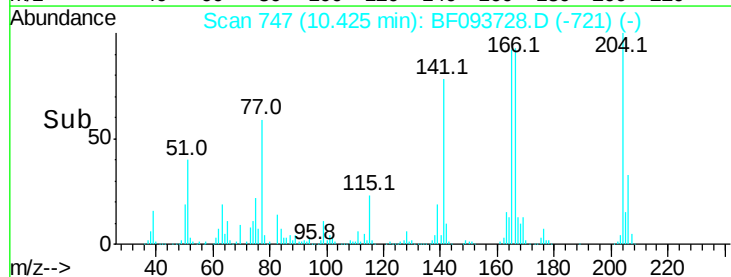
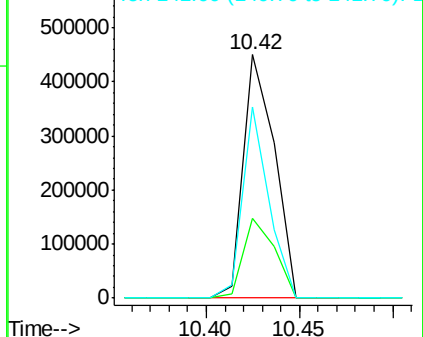


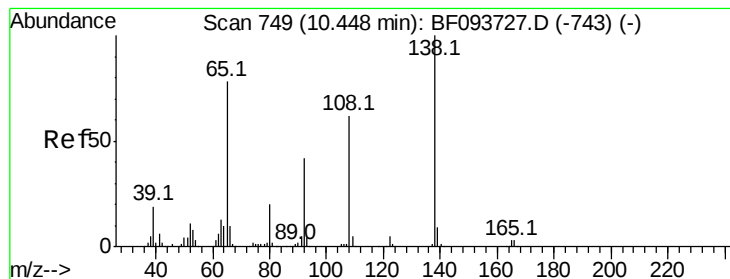
#60
4-Chlorophenyl-phenylether
Concen: 44.96 ng
RT: 10.42 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF093728.D
Acq: 18 Mar 2017 2:26

Tgt Ion:204 Resp: 521217
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 78.3 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: 51.89 ng

RT: 10.45 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

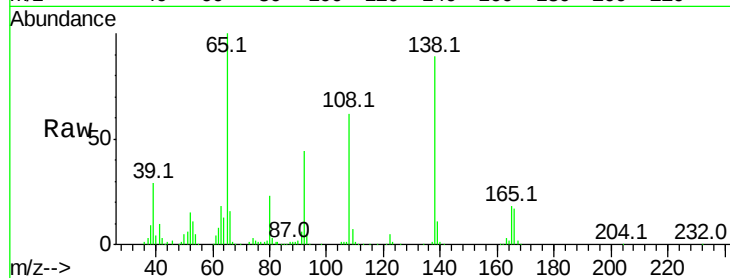
Tot Ion:138 Resp: 371687

Ion Ratio Lower Upper

138 100

92 49.7 21.8 61.8

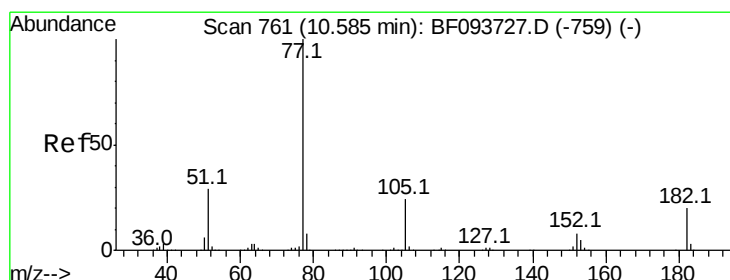
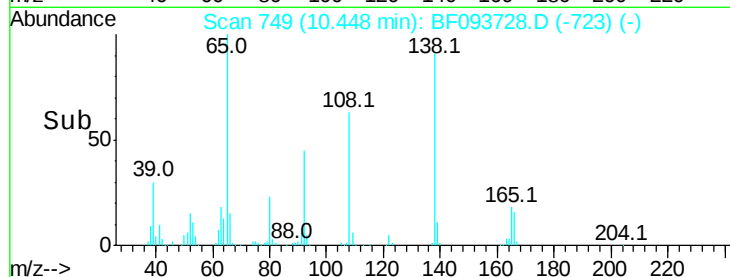
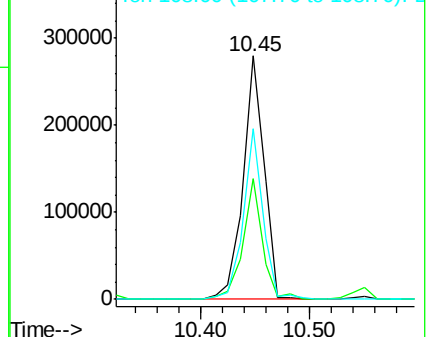
108 69.9 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.64 ng

RT: 10.58 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Tgt Ion: 77 Resp: 1445700

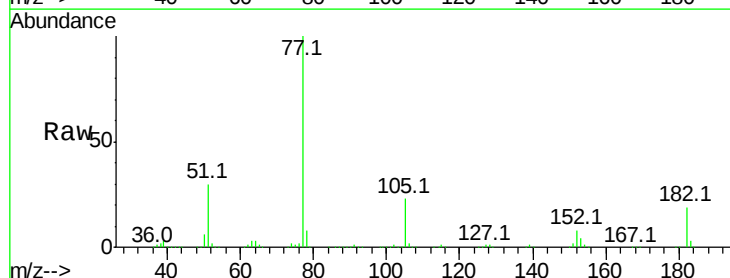
Ion Ratio Lower Upper

77 100

182 19.0 0.1 40.1

105 23.1 3.6 43.6

51 30.3 9.4 49.4

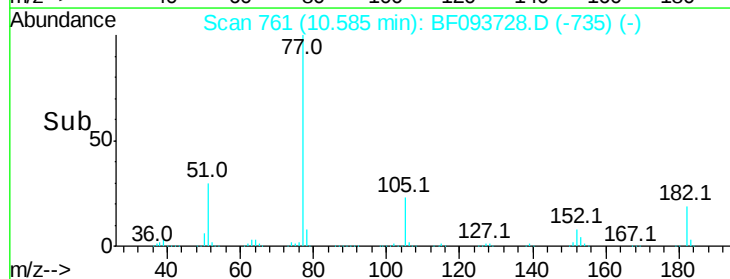
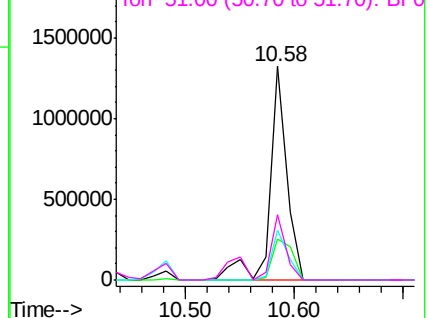


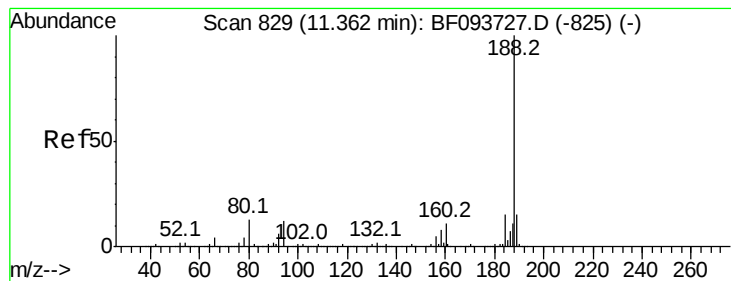
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

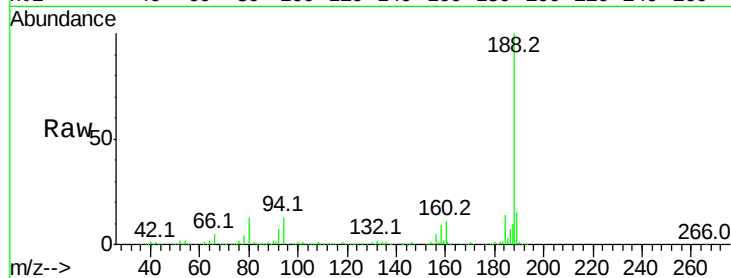
Tot Ion:188 Resp: 765215

Ion Ratio Lower Upper

188 100

94 12.6 9.4 14.2

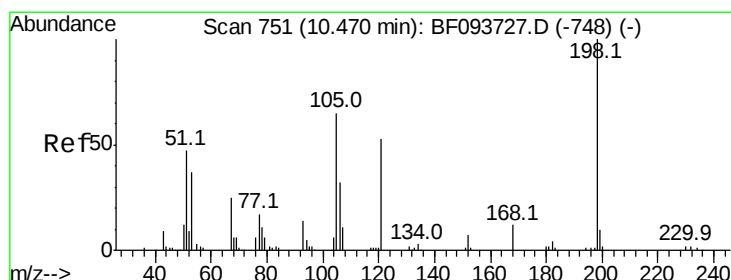
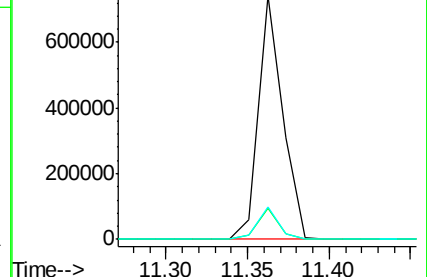
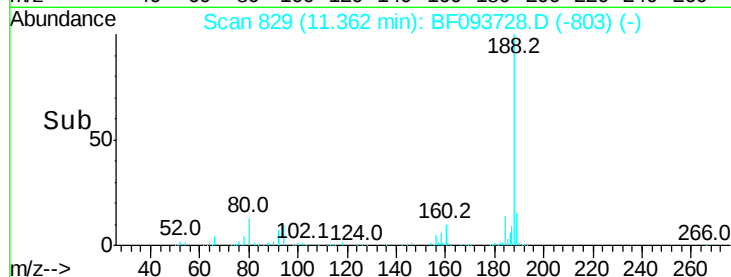
80 13.2 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 67.03 ng

RT: 10.48 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

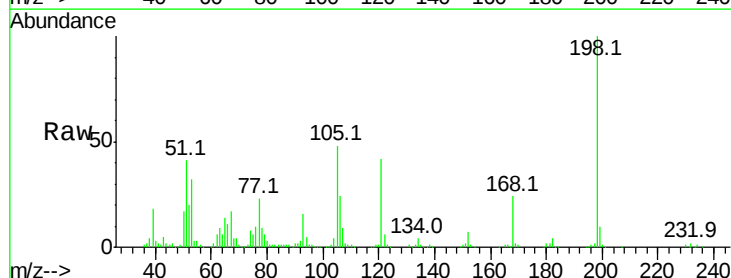
Tgt Ion:198 Resp: 220986

Ion Ratio Lower Upper

198 100

51 41.1 53.2 93.2#

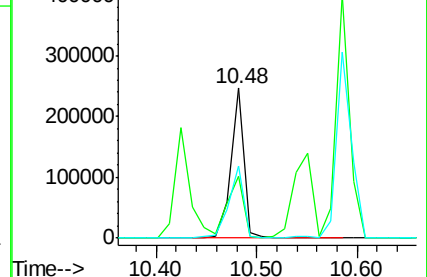
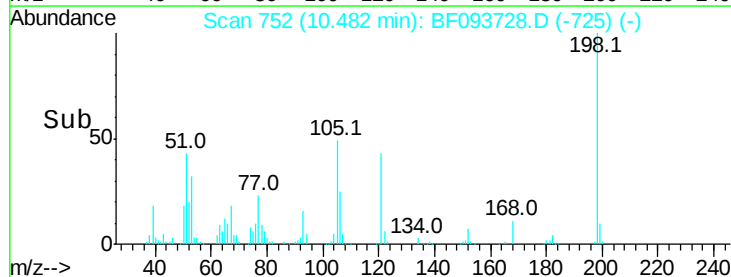
105 47.9 45.8 85.8

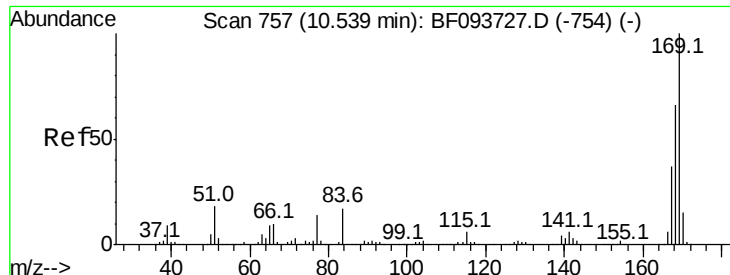


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 50.13 ng

RT: 10.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

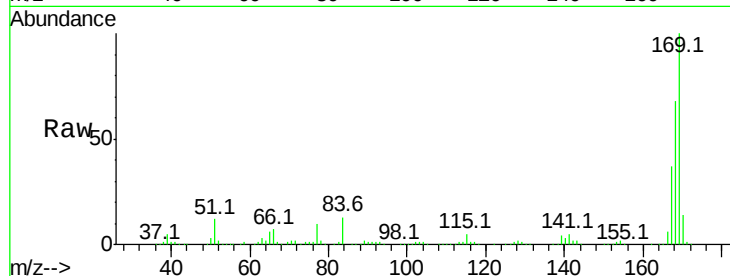
Tot Ion:169 Resp: 1252864

Ion Ratio Lower Upper

169 100

168 67.7 53.2 79.8

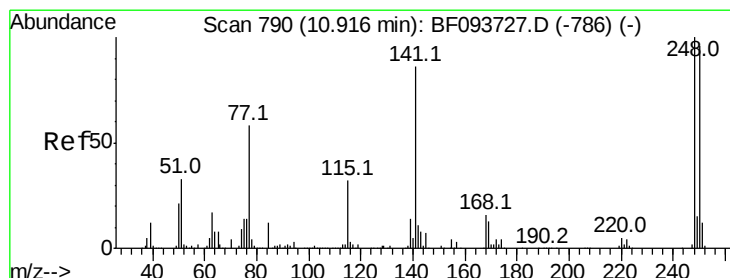
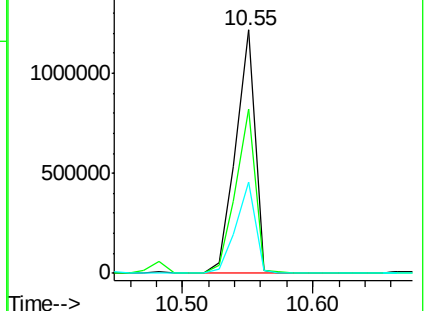
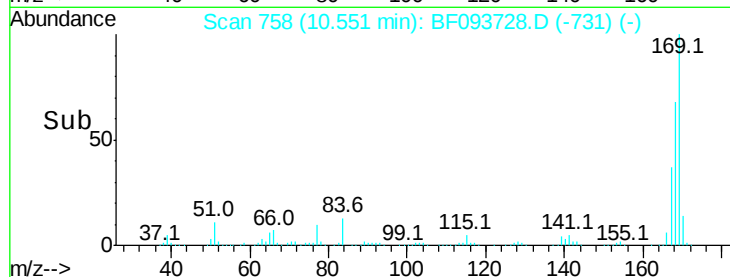
167 37.4 29.5 44.3



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: 44.50 ng

RT: 10.92 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

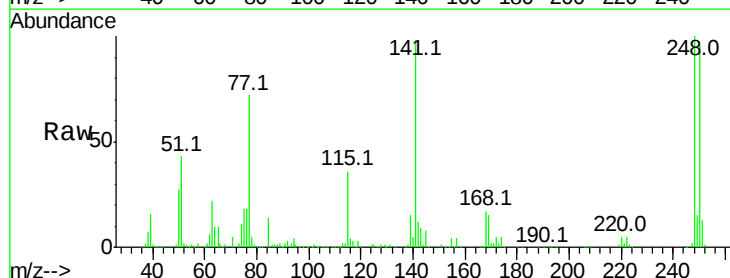
Tgt Ion:248 Resp: 330931

Ion Ratio Lower Upper

248 100

250 96.2 76.8 115.2

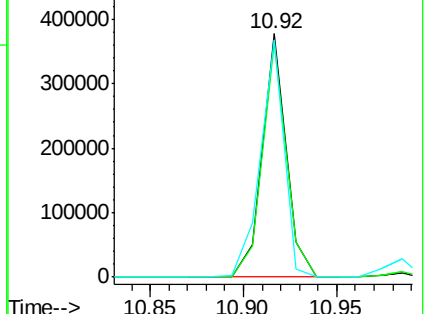
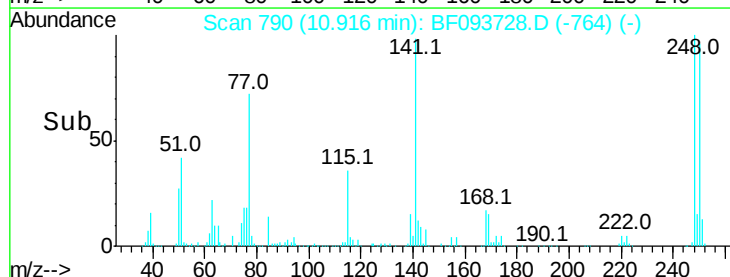
141 97.6 68.6 103.0

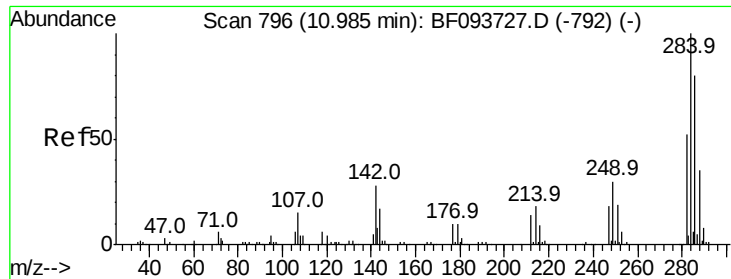


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

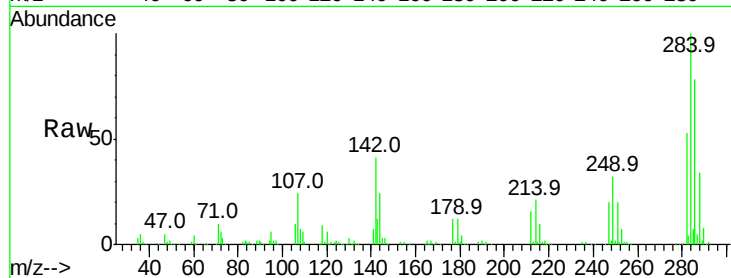




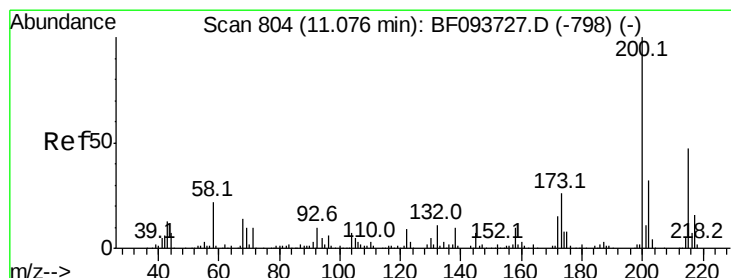
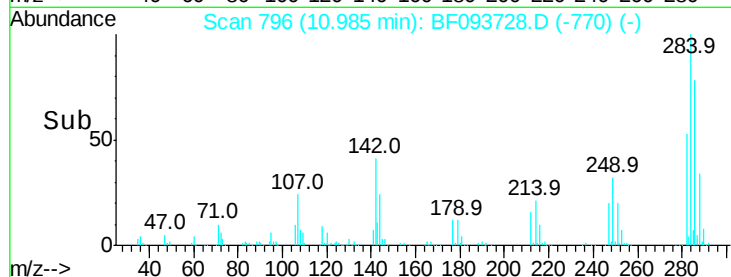
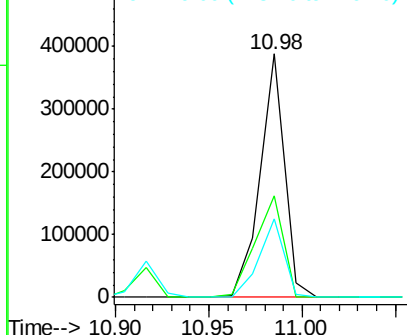
#67
Hexachlorobenzene
Concen: 45.86 ng
RT: 10.98 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF093728.D
Acq: 18 Mar 2017 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
284	100		
142	41.5	22.8	34.2#
249	32.0	24.0	36.0

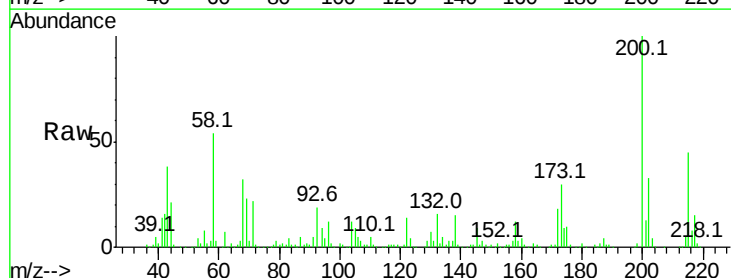


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

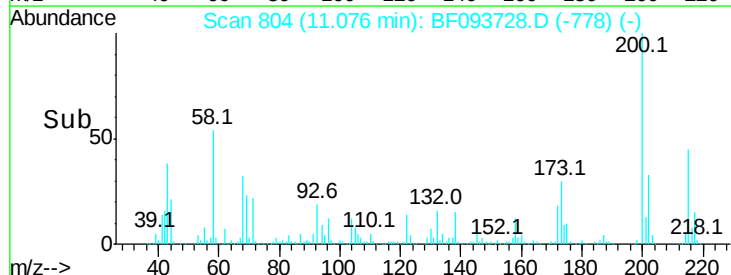
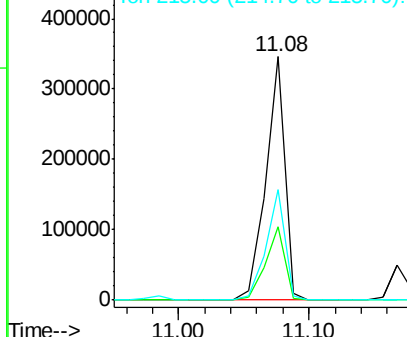


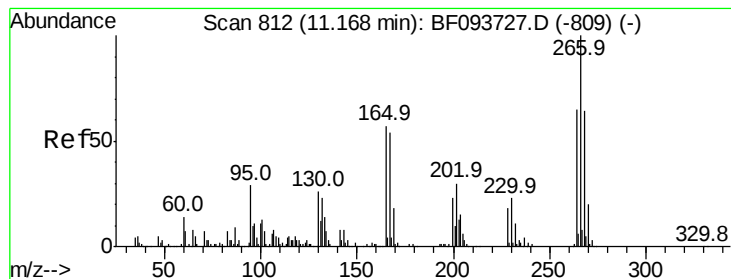
#68
Atrazine
Concen: 45.31 ng
RT: 11.08 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF093728.D
Acq: 18 Mar 2017 2:26

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.4	6.3	46.3
215	45.4	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: 53.43 ng

RT: 11.17 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

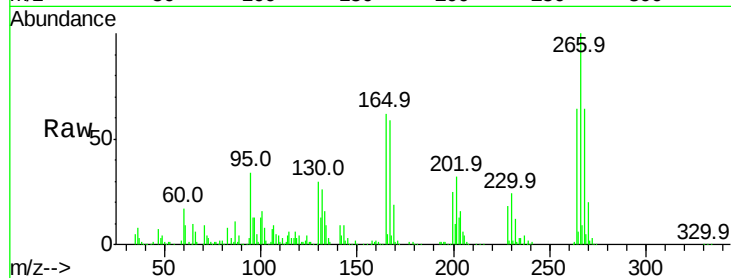
Tot Ion:266 Resp: 220761

Ion Ratio Lower Upper

266 100

268 63.6 51.1 76.7

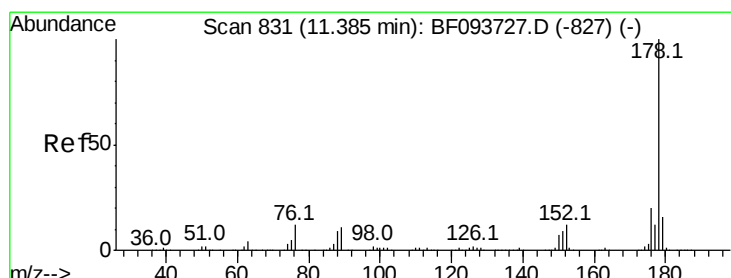
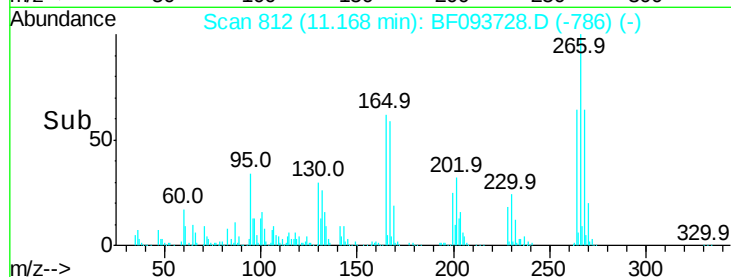
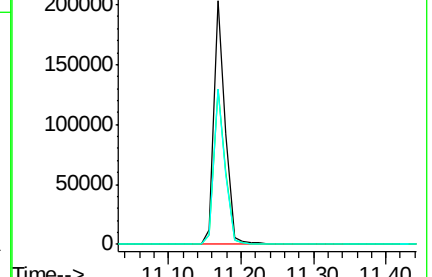
264 63.9 51.7 77.5



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: 46.21 ng

RT: 11.40 min Scan# 832

Delta R.T. 0.01 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

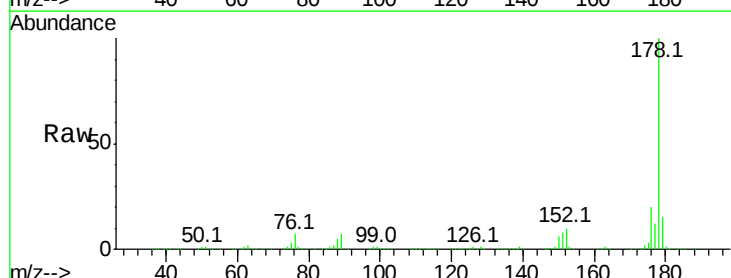
Tgt Ion:178 Resp: 2005086

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.4

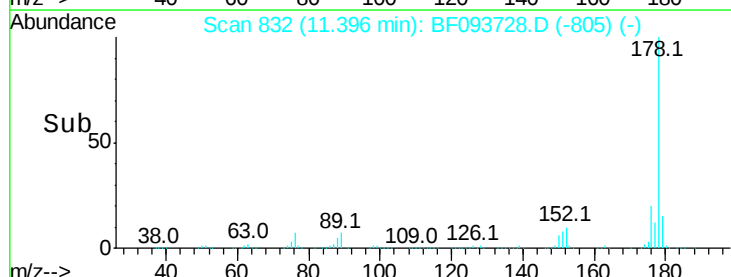
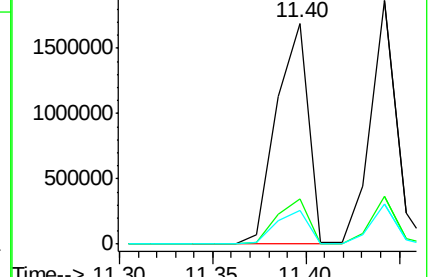
179 15.5 12.6 19.0

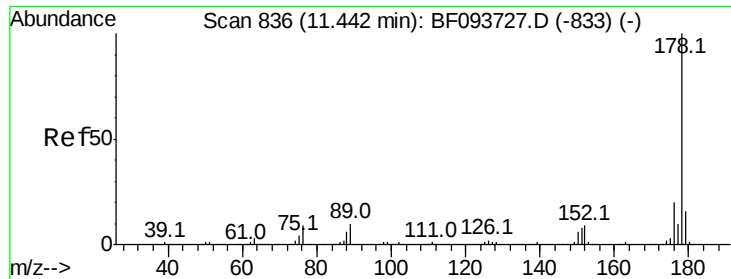


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

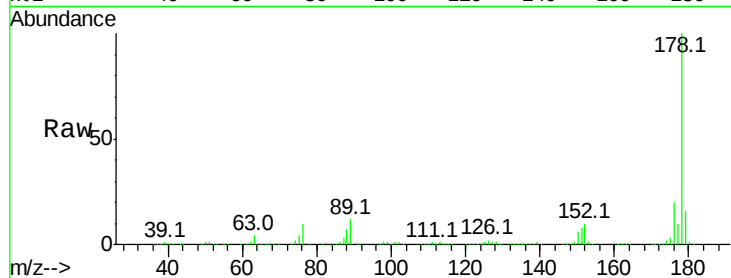




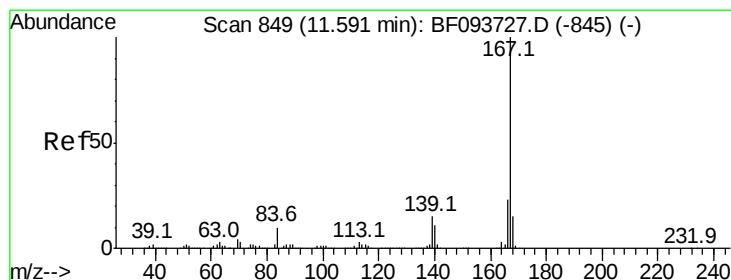
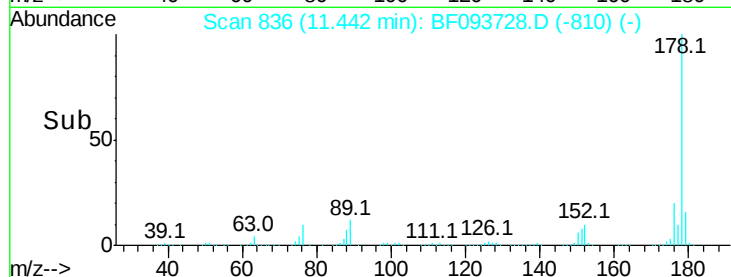
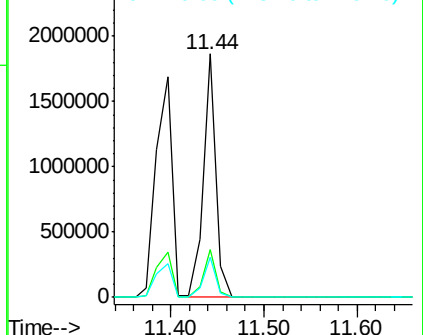
#71
 Anthracene
 Concen: 42.41 ng
 RT: 11.44 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF093728.D
 Acq: 18 Mar 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:178 Resp: 1756211
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 16.4 12.7 19.1

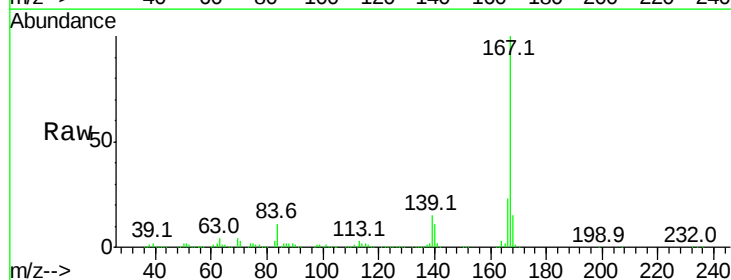


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

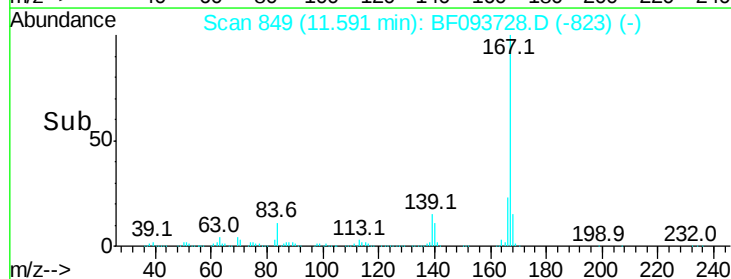
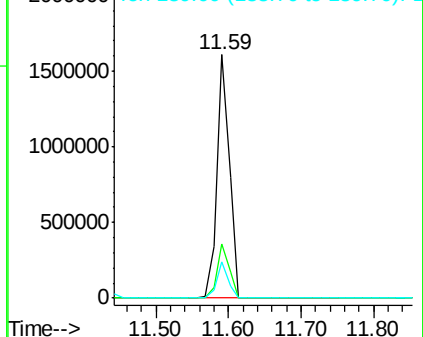


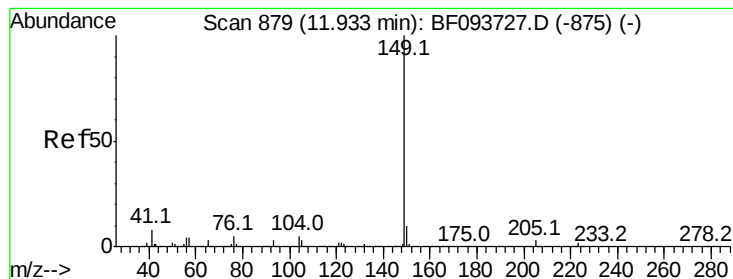
#72
 Carbazole
 Concen: 42.32 ng
 RT: 11.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF093728.D
 Acq: 18 Mar 2017 2:26

Tgt Ion:167 Resp: 1900525
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 14.8 11.7 17.5



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





#73

Di-n-butylphthalate

Concen: 43.78 ng

RT: 11.93 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

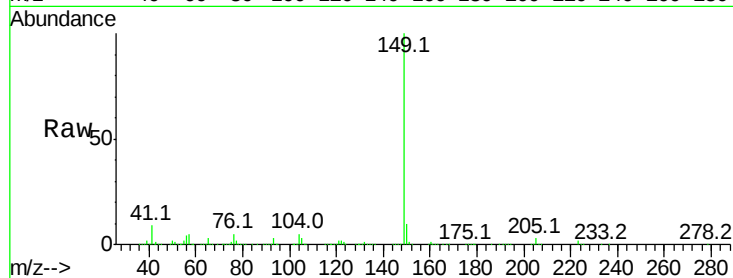
Tot Ion:149 Resp: 1979352

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

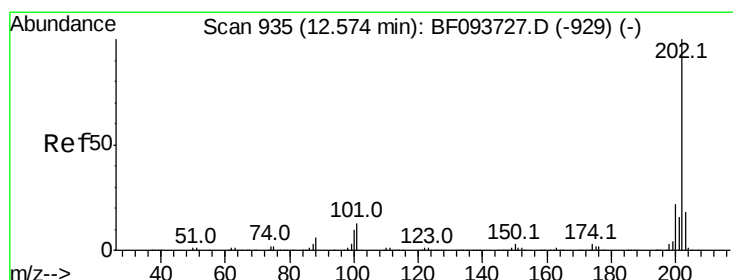
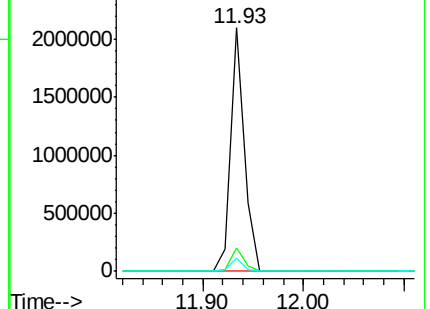
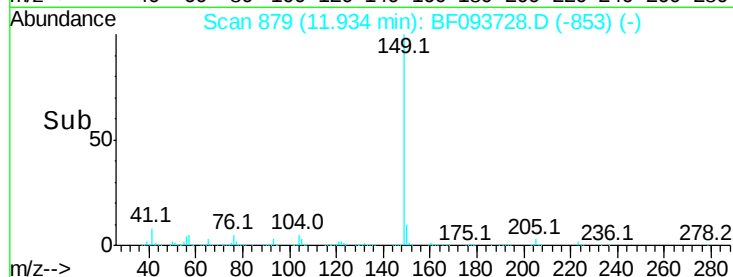
104 5.2 4.0 6.0



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: 39.99 ng

RT: 12.57 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

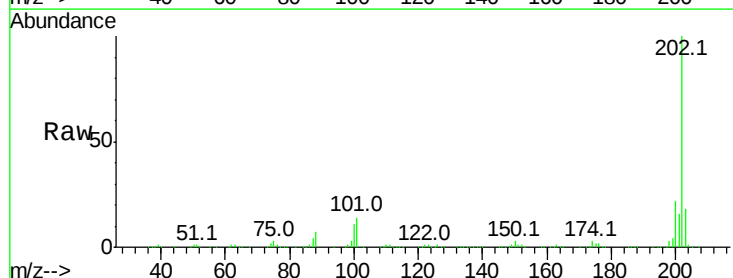
Tgt Ion:202 Resp: 1787016

Ion Ratio Lower Upper

202 100

101 14.4 0.0 33.2

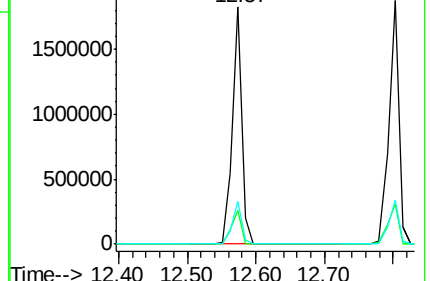
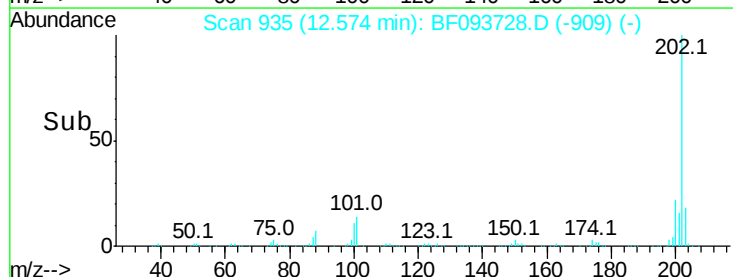
203 18.1 0.0 38.1

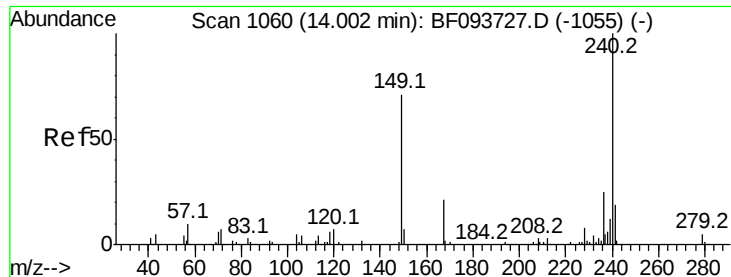


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

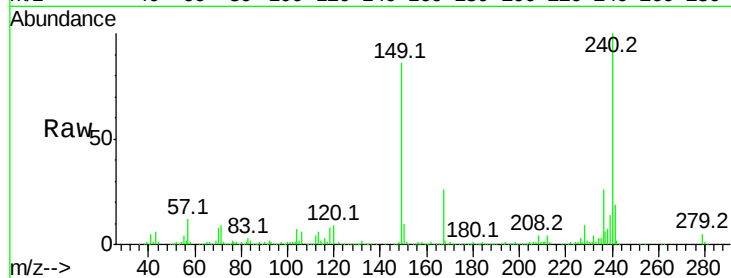
Tot Ion:240 Resp: 438603

Ion Ratio Lower Upper

240 100

120 9.2 5.8 8.8#

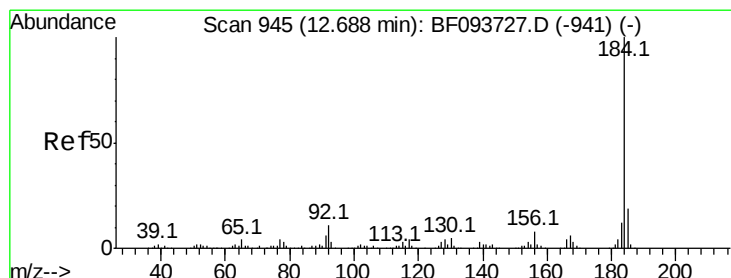
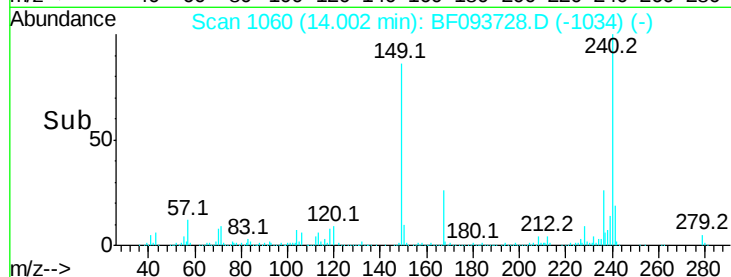
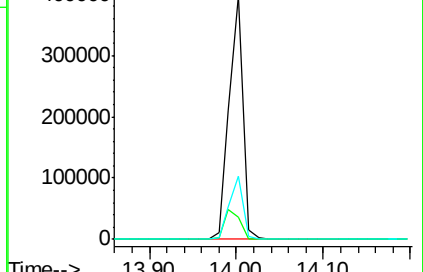
236 25.7 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.31 ng

RT: 12.69 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

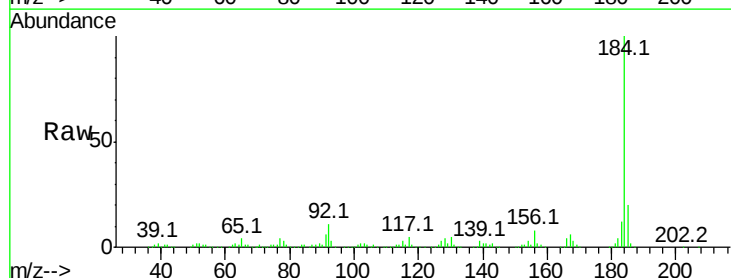
Tgt Ion:184 Resp: 792063

Ion Ratio Lower Upper

184 100

185 20.2 15.5 23.3

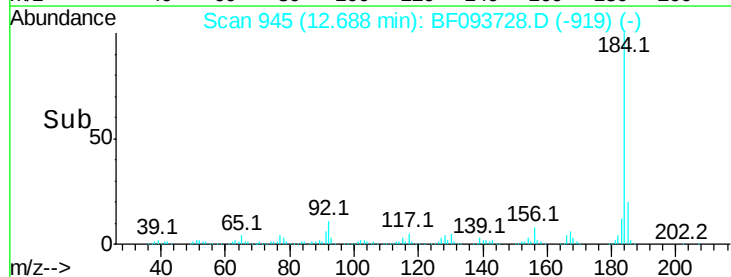
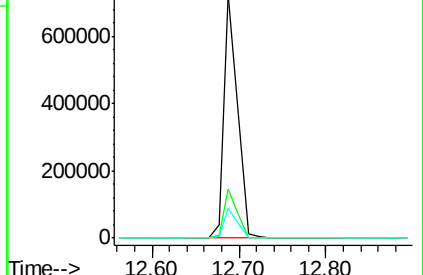
183 12.3 9.8 14.6

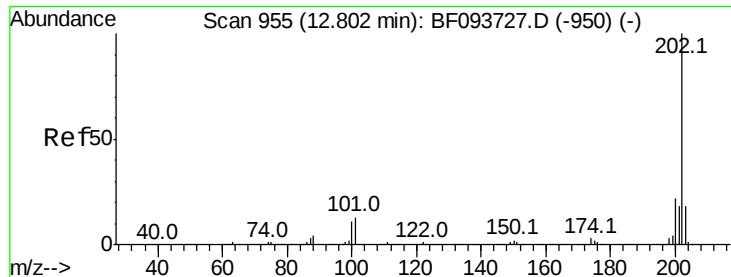


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



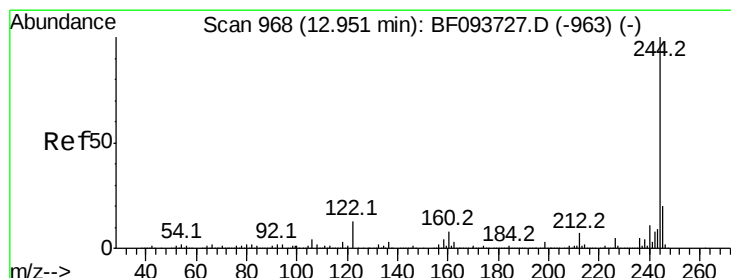
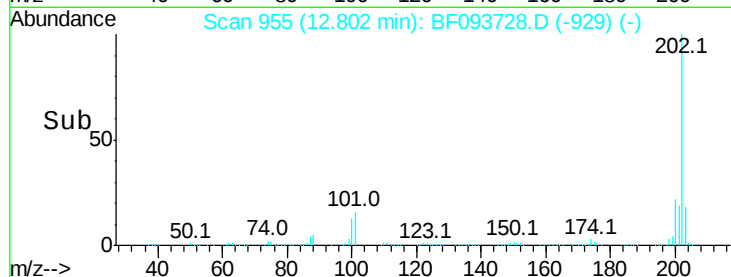
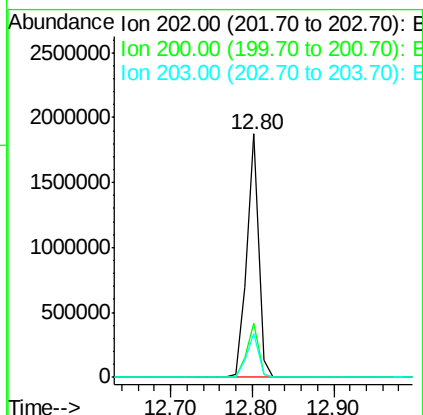
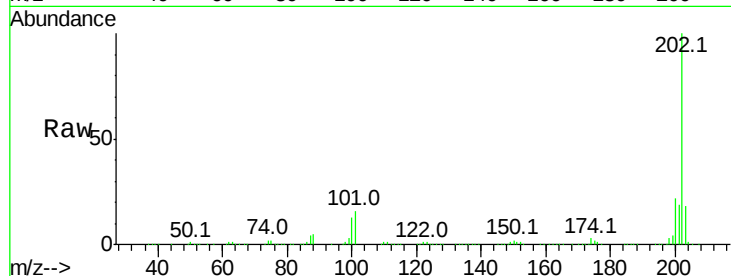


#77
Pvrene
Concen: 51.04 ng
RT: 12.80 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF093728.D
Acq: 18 Mar 2017 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion:202 Resp: 1876414

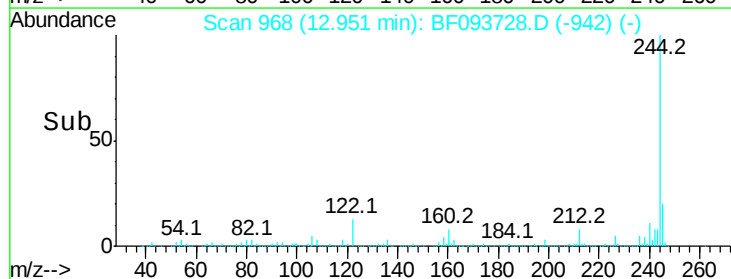
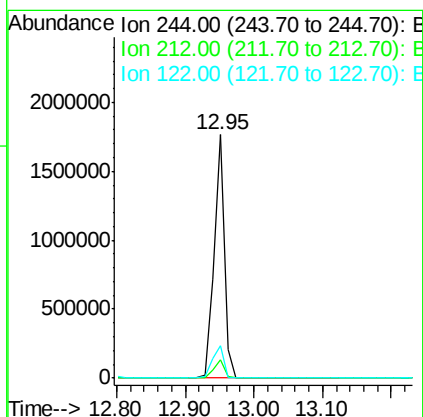
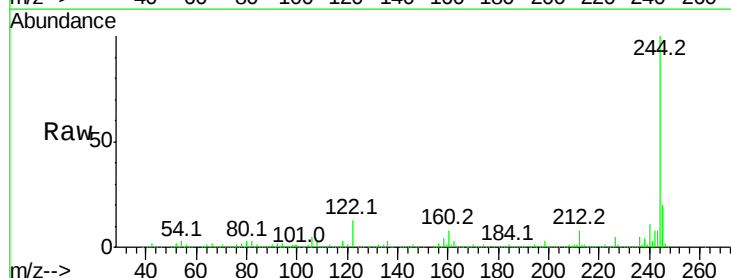
Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.6	26.4
203	18.1	14.4	21.6

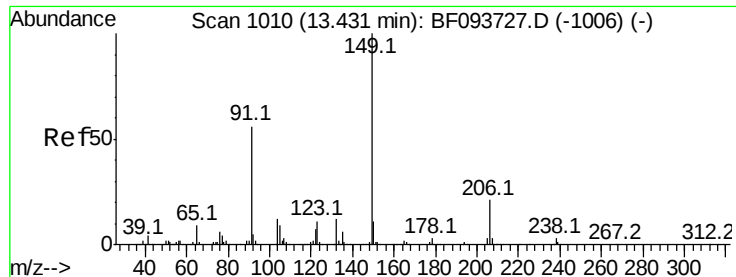


#78
Terphenyl-d14
Concen: 91.03 ng
RT: 12.95 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF093728.D
Acq: 18 Mar 2017 2:26

Tgt Ion:244 Resp: 1869644

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.2	10.3	15.5

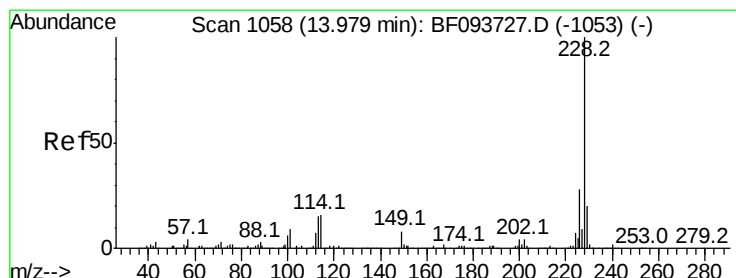
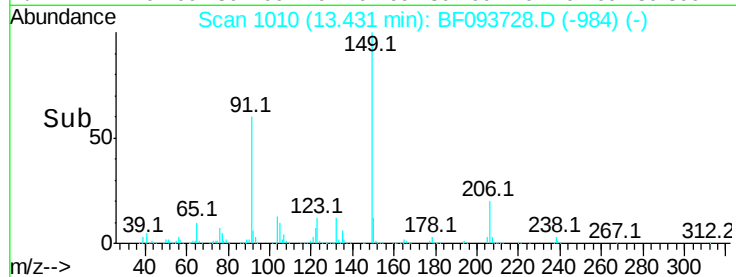
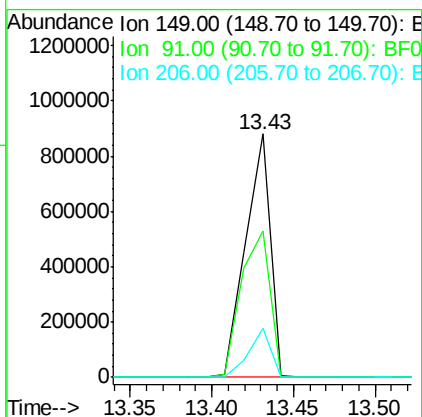
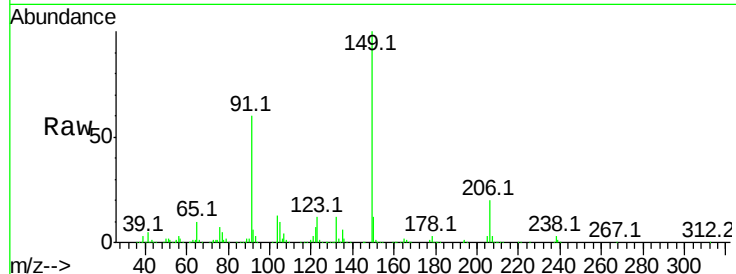




#79
Butylbenzylphthalate
Concen: 59.96 ng
RT: 13.43 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF093728.D
Acq: 18 Mar 2017 2:26

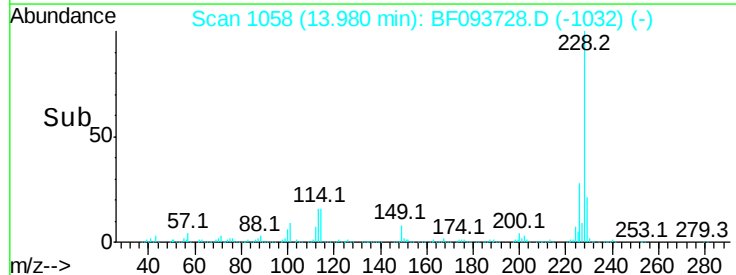
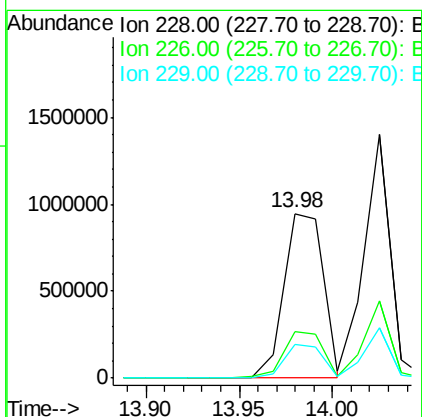
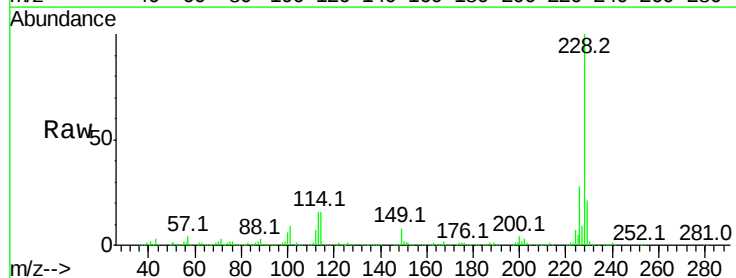
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

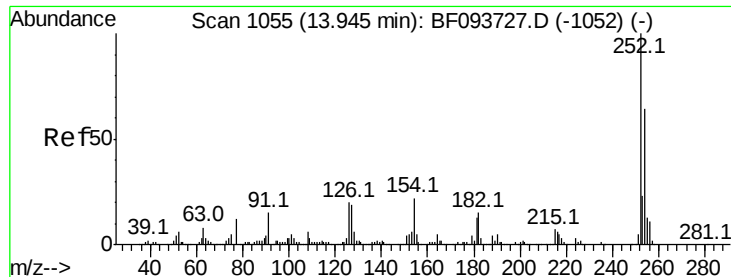
Tot Ion	Ratio	Lower	Upper
149	100		
91	60.1	45.0	67.4
206	20.2	17.0	25.6



#80
Benzo(a)anthracene
Concen: 49.86 ng
RT: 13.98 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF093728.D
Acq: 18 Mar 2017 2:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.5	16.3	24.5

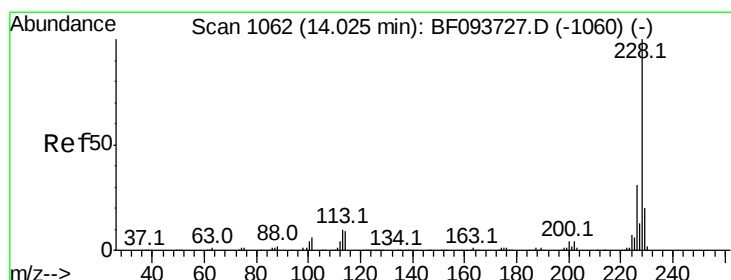
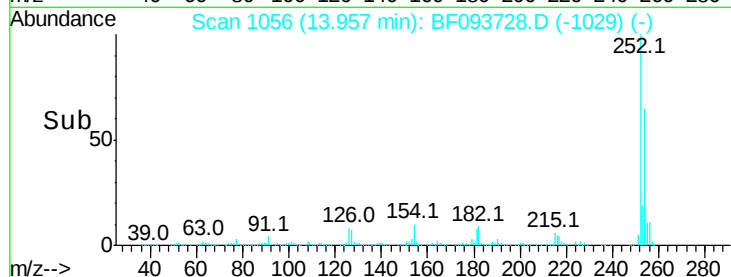
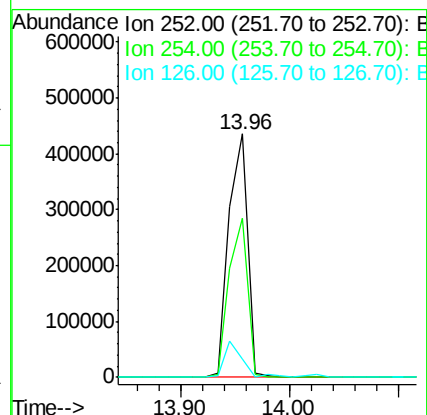
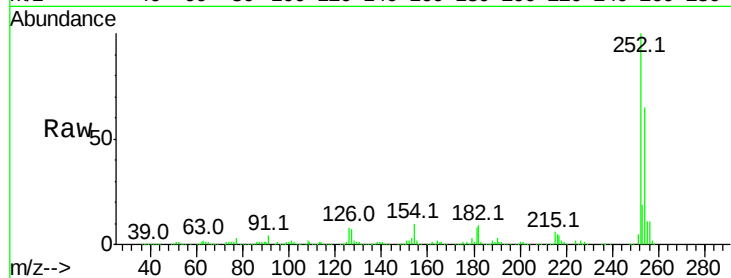




#81
 3,3'-Dichlorobenzidine
 Concen: 51.98 ng
 RT: 13.96 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: BF093728.D
 Acq: 18 Mar 2017 2:26

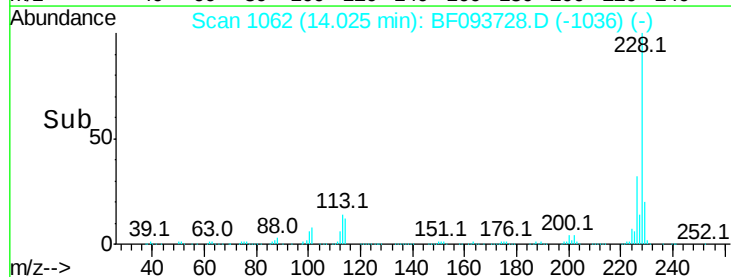
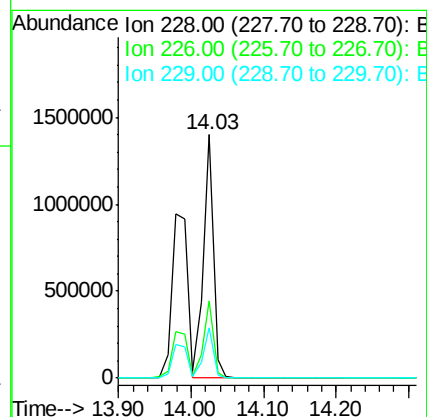
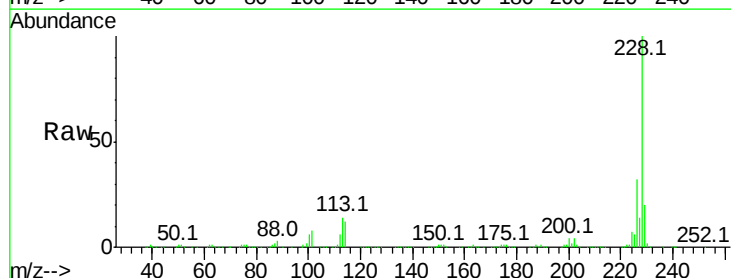
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

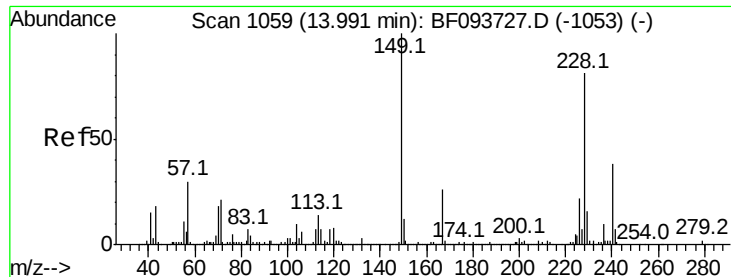
Tot Ion:252 Resp: 521768
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.5 77.3
 126 7.7 15.8 23.8#



#82
 Chrysene
 Concen: 49.38 ng
 RT: 14.03 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF093728.D
 Acq: 18 Mar 2017 2:26

Tgt Ion:228 Resp: 1353930
 Ion Ratio Lower Upper
 228 100
 226 31.7 24.9 37.3
 229 20.5 15.8 23.6

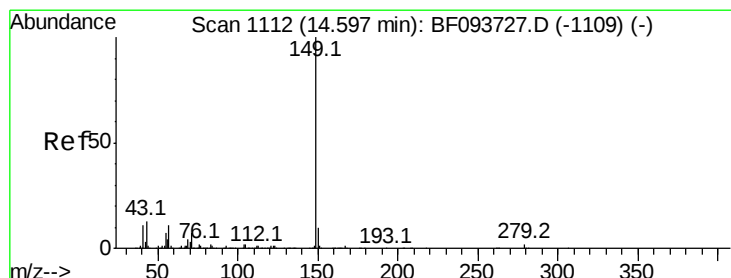
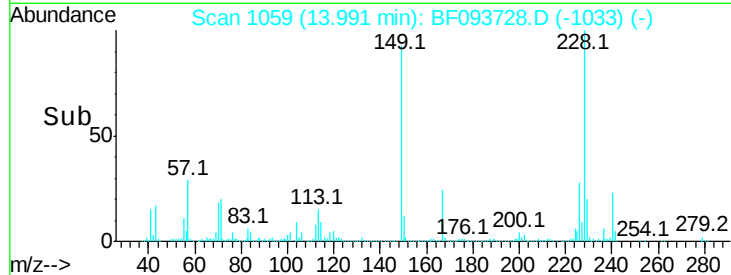
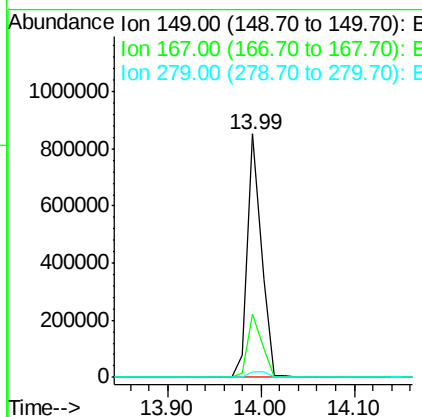
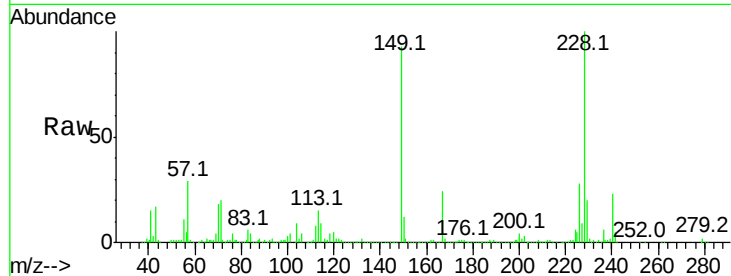




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.33 ng
 RT: 13.99 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF093728.D
 Acq: 18 Mar 2017 2:26

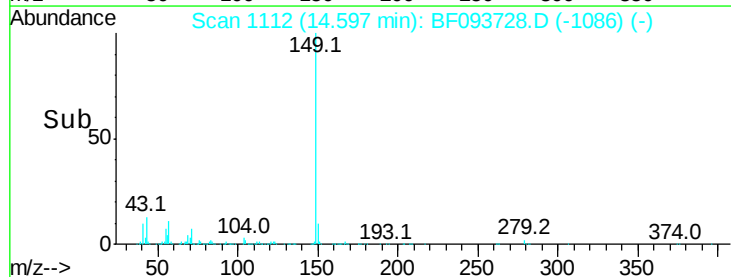
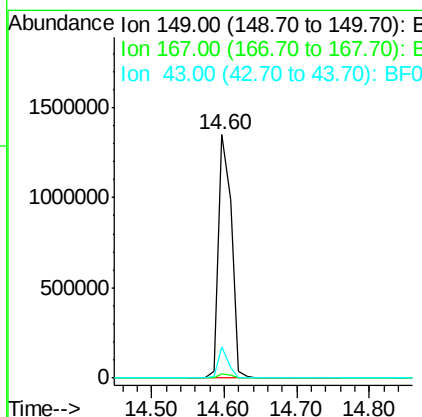
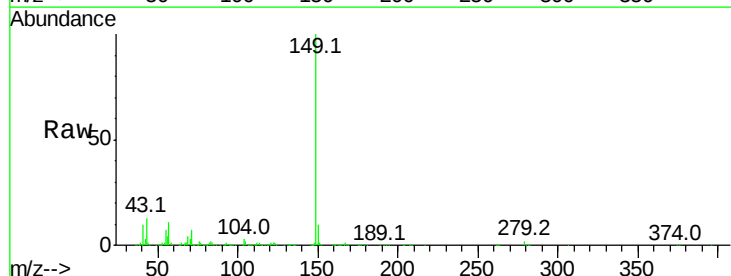
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

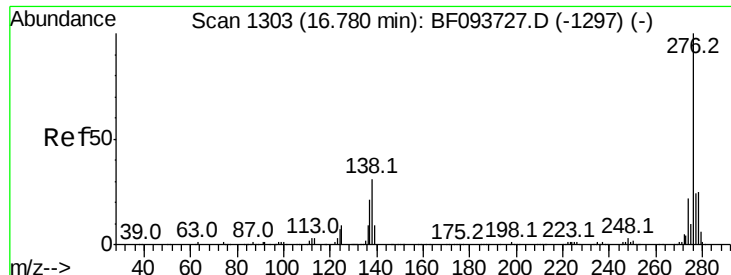
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.0	31.4
279	2.3	1.9	2.9



#84
 Di-n-octyl phthalate
 Concen: 49.59 ng
 RT: 14.60 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF093728.D
 Acq: 18 Mar 2017 2:26

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



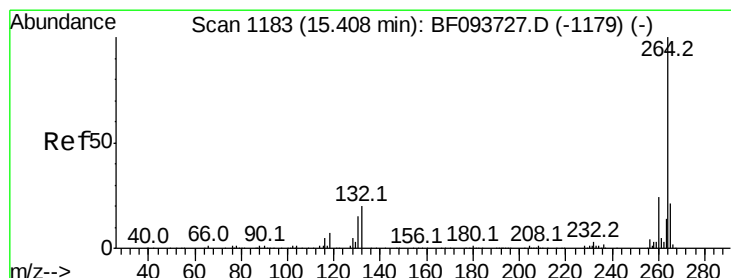
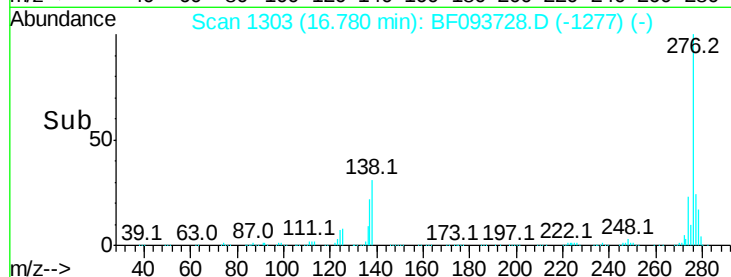
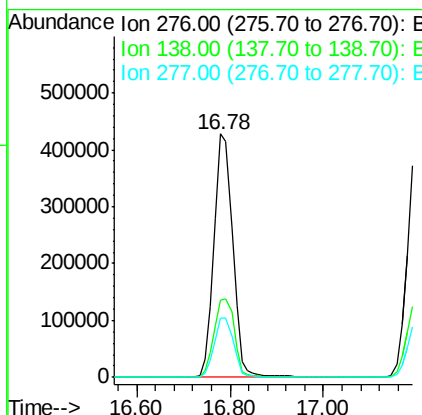
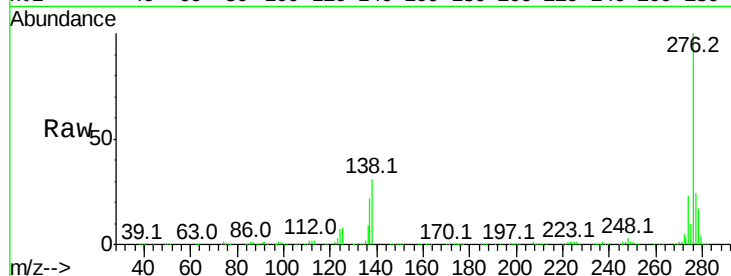


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.63 ng
 RT: 16.78 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF093728.D
 Acq: 18 Mar 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:276 Resp: 1205579

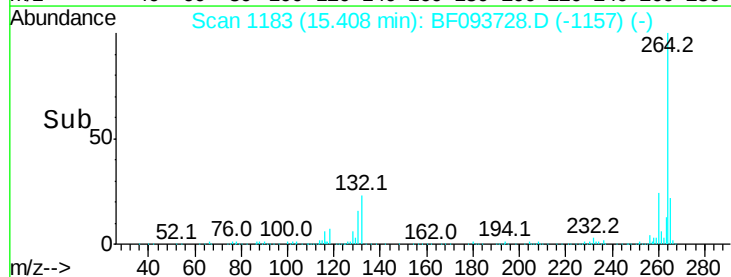
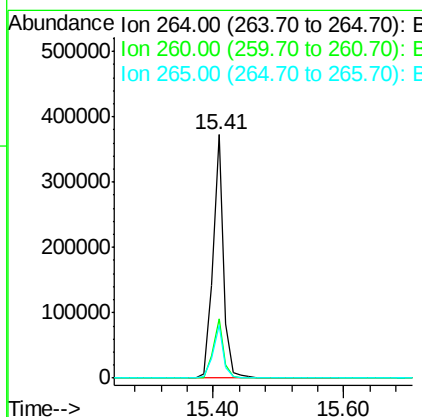
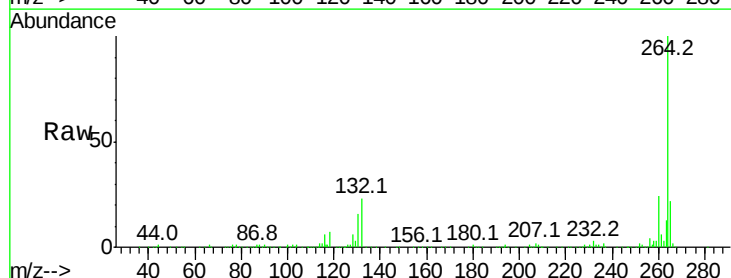
Ion	Ratio	Lower	Upper
276	100		
138	35.0	27.8	41.6
277	25.2	20.2	30.4

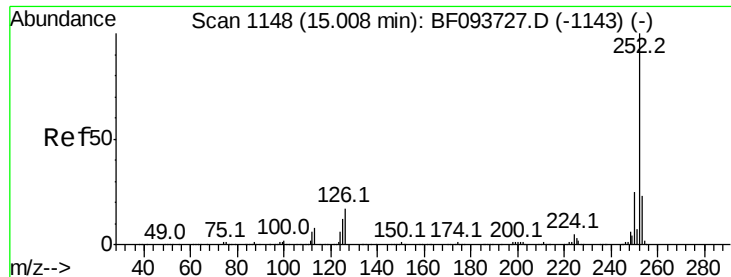


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF093728.D
 Acq: 18 Mar 2017 2:26

Tgt Ion:264 Resp: 428205

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.6	17.2	25.8

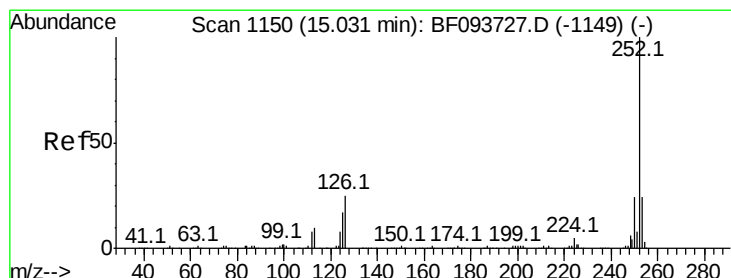
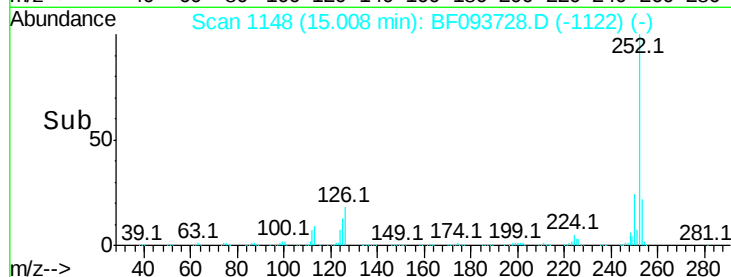
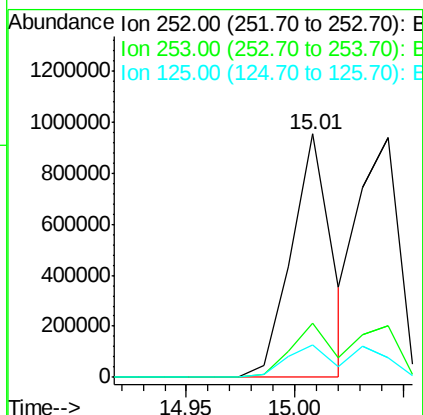
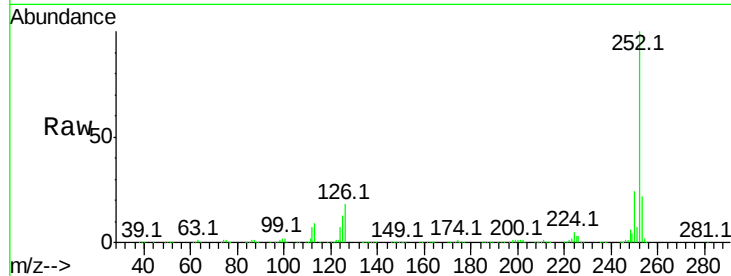




#87
Benzo(b)fluoranthene
Concen: 42.20 ng
RT: 15.01 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF093728.D
Acq: 18 Mar 2017 2:26

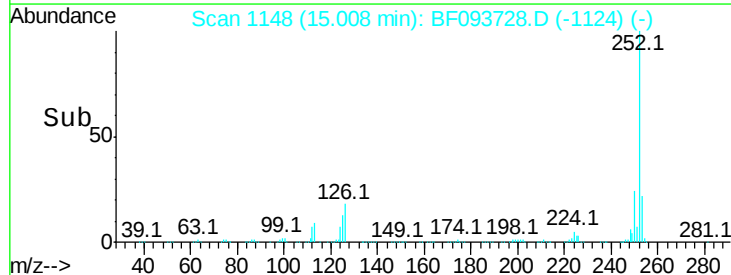
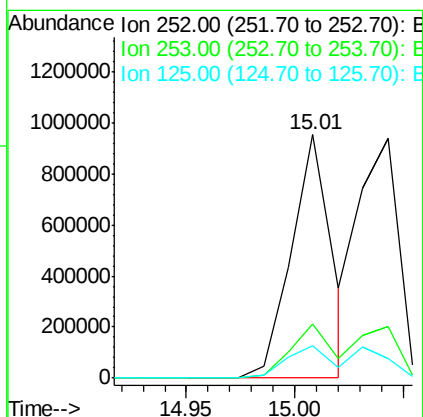
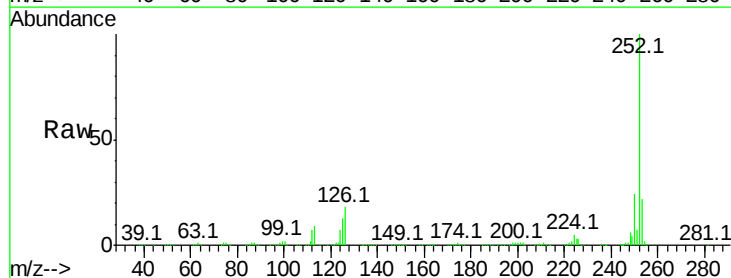
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

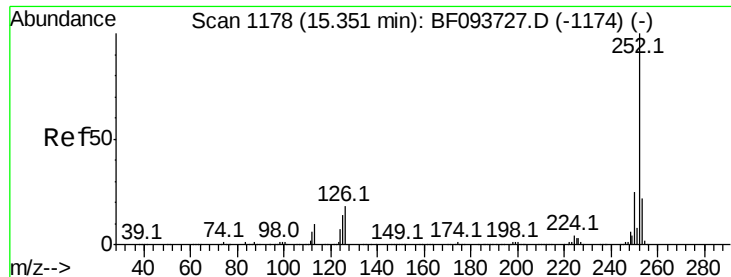
Tot Ion:252 Resp: 1226255
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 13.4 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 56.55 ng
RT: 15.01 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF093728.D
Acq: 18 Mar 2017 2:26

Tgt Ion:252 Resp: 1226255
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 13.4 13.1 19.7

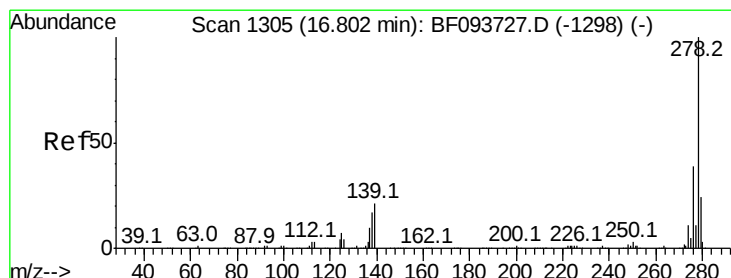
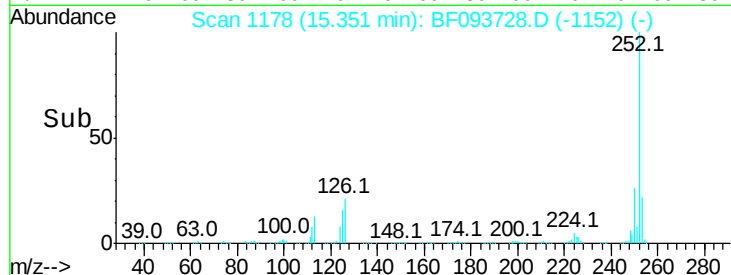
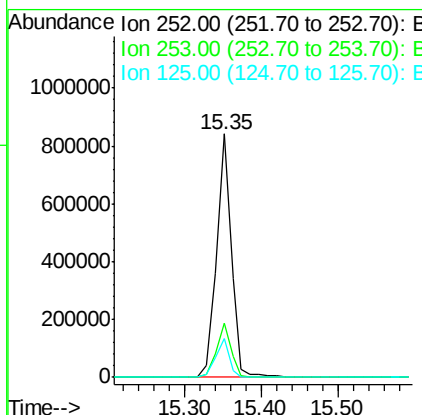
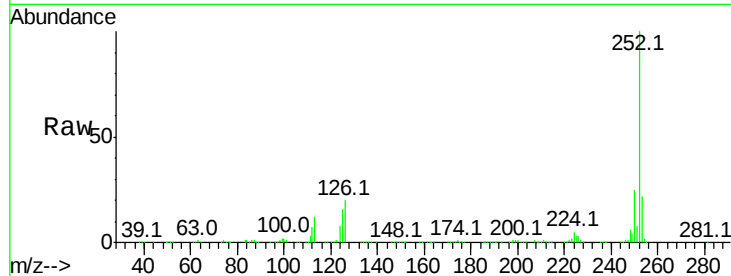




#89
Benzo(a)pyrene
Concen: 46.26 ng
RT: 15.35 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF093728.D
Acq: 18 Mar 2017 2:26

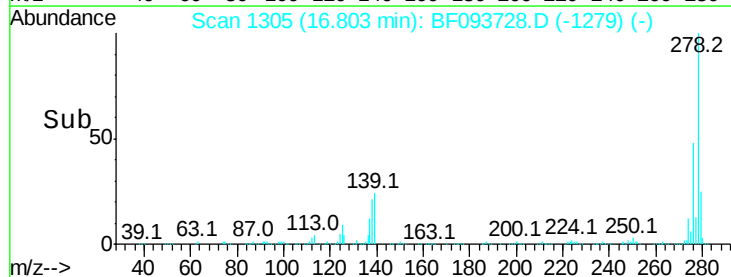
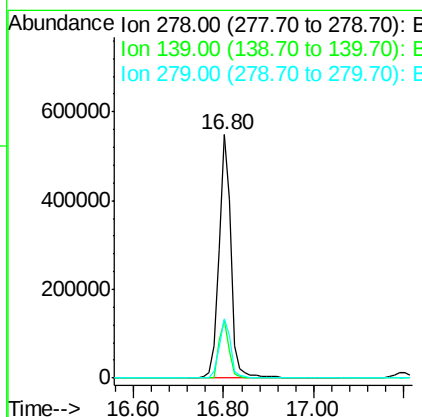
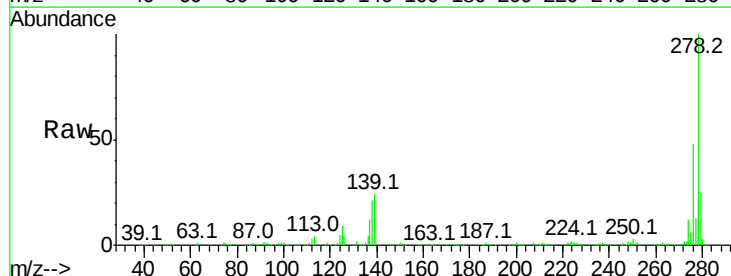
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

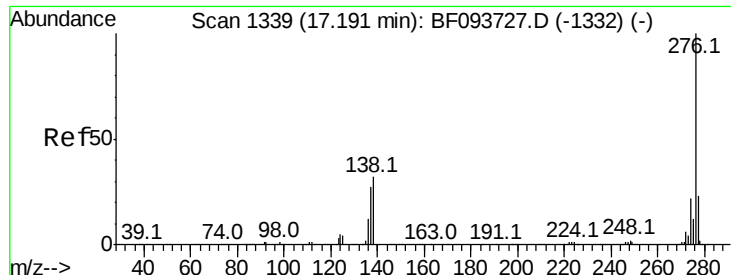
Tot Ion:252 Resp: 1129009
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 15.8 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 48.64 ng
RT: 16.80 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF093728.D
Acq: 18 Mar 2017 2:26

Tgt Ion:278 Resp: 1018334
Ion Ratio Lower Upper
278 100
139 23.8 16.6 24.8
279 24.6 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 49.03 ng

RT: 17.20 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF093728.D

Acq: 18 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

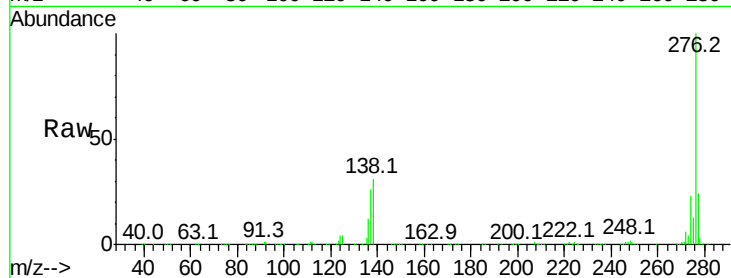
Tot Ion:276 Resp: 1046326

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 30.5 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

