

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093831.D
 Acq On : 22 Mar 2017 14:45
 Operator : SJ/MA
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Mar 22 17:06:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 17:04:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	191202	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	774875	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	350887	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	614164	20.00	ng	0.00
75) Chrysene-d12	14.71	240	544503	20.00	ng	0.00
86) Perylene-d12	16.35	264	470392	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	251109	22.97	ng	0.00
7) Phenol-d6	5.56	99	308100	22.80	ng	-0.01
23) Nitrobenzene-d5	6.63	82	293227	21.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	59525	21.90	ng	-0.01
44) 2-Fluorobiphenyl	8.81	172	562595	26.96	ng	-0.01
78) Terphenyl-d14	13.43	244	542675	20.32	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.37	88	56220	10.15	ng	97
3) Pyridine	2.86	79	162446	10.94	ng	100
4) n-Nitrosodimethylamine	2.80	42	59604	9.31	ng	93
6) Aniline	5.60	93	210197	11.13	ng	96
8) 2-Chlorophenol	5.74	128	136061	11.31	ng	96
9) Benzaldehyde	5.47	77	104657	10.96	ng	98
10) Phenol	5.57	94	165393	10.89	ng	88
11) bis(2-Chloroethyl)ether	5.68	93	134372	10.90	ng	95
12) 1,3-Dichlorobenzene	5.92	146	153029	11.22	ng	98
13) 1,4-Dichlorobenzene	6.00	146	155241	11.16	ng	97
14) 1,2-Dichlorobenzene	6.18	146	146429	11.47	ng	97
15) Benzyl Alcohol	6.14	79	111645	11.15	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.30	45	205009	10.46	ng	100
17) 2-Methylphenol	6.27	107	114038	10.80	ng	97
18) Hexachloroethane	6.58	117	52106	10.56	ng	# 84
19) n-Nitroso-di-n-propylamine	6.46	70	97347	11.00	ng	99
20) 3+4-Methylphenols	6.45	107	146647	11.74	ng	# 90
22) Acetophenone	6.45	105	193230	11.52	ng	# 93
24) Nitrobenzene	6.65	77	143935	11.03	ng	93
25) Isophorone	6.94	82	251524	10.39	ng	95
26) 2-Nitrophenol	7.03	139	64094	10.86	ng	96
27) 2,4-Dimethylphenol	7.08	122	118631	9.77	ng	99
28) bis(2-Chloroethoxy)methane	7.20	93	169964	10.92	ng	97
29) 2,4-Dichlorophenol	7.32	162	111331	10.78	ng	97
30) 1,2,4-Trichlorobenzene	7.42	180	114369	10.66	ng	96
31) Naphthalene	7.52	128	414300	11.52	ng	99
32) Benzoic acid	7.17	122	55006	7.29	ng	96
33) 4-Chloroaniline	7.57	127	164331	10.63	ng	94
34) Hexachlorobutadiene	7.67	225	59065	10.47	ng	97
35) Caprolactam	7.97	113	33918	10.46	ng	97
36) 4-Chloro-3-methylphenol	8.17	107	113021	10.56	ng	92
37) 2-Methylnaphthalene	8.36	142	277749	11.83	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	108844	11.71	ng	99
40) Hexachlorocyclopentadiene	8.56	237	44957	9.59	ng	96

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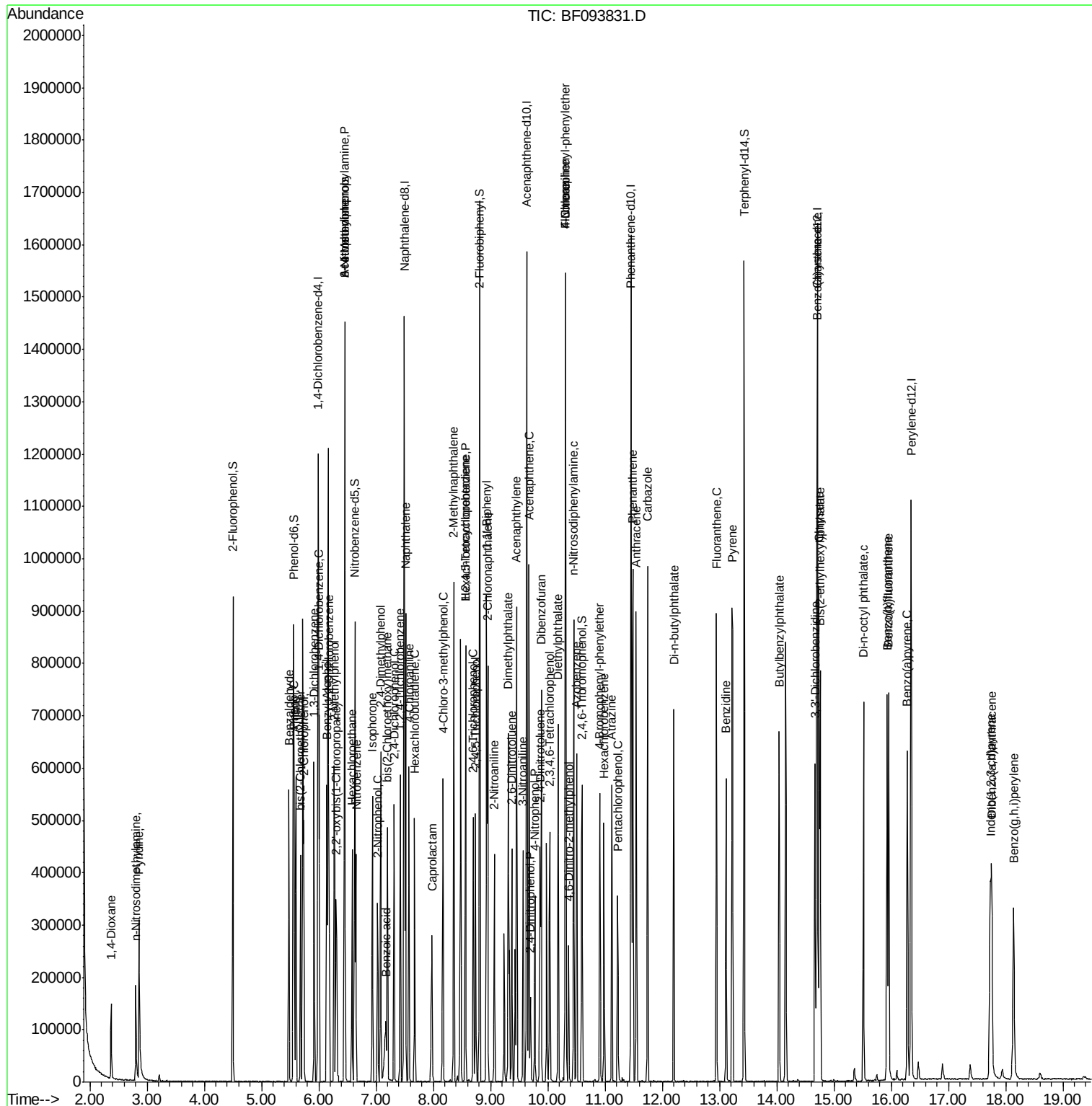
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	72093	10.69	nq	96
43) 2,4,5-Trichlorophenol	8.74	196	78541	11.22	nq	95
45) 1,1'-Biphenyl	8.93	154	321963	11.29	nq	98
46) 2-Chloronaphthalene	8.95	162	246191	11.26	nq	96
47) 2-Nitroaniline	9.07	65	69418	11.37	nq	93
48) Acenaphthylene	9.46	152	410688	11.54	nq	99
49) Dimethylphthalate	9.31	163	274028	10.97	nq	99
50) 2,6-Dinitrotoluene	9.37	165	61109	11.15	nq	91
51) Acenaphthene	9.67	154	238276	11.21	nq	98
52) 3-Nitroaniline	9.57	138	71613	10.88	nq	97
53) 2,4-Dinitrophenol	9.70	184	19415	9.02	nq	# 77
54) Dibenzofuran	9.89	168	331044	11.57	nq	98
55) 4-Nitrophenol	9.77	139	52927	10.71	nq	# 68
56) 2,4-Dinitrotoluene	9.86	165	77046	11.07	nq	# 82
57) Fluorene	10.30	166	280359	12.80	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	54340	11.30	nq	# 97
59) Diethylphthalate	10.18	149	265792	10.92	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	119169	12.91	nq	89
61) 4-Nitroaniline	10.32	138	66830	11.35	nq	94
62) Azobenzene	10.50	77	254163	10.56	nq	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	30199	8.49	nq	# 79
65) n-Nitrosodiphenylamine	10.46	169	235362	11.50	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	64805	10.96	nq	96
67) Hexachlorobenzene	10.99	284	66275	10.87	nq	# 92
68) Atrazine	11.12	200	70233	11.17	nq	97
69) Pentachlorophenol	11.22	266	36155	10.14	nq	95
70) Phenanthrene	11.49	178	389289	11.90	nq	99
71) Anthracene	11.55	178	401012	11.91	nq	99
72) Carbazole	11.75	167	412925	12.39	nq	98
73) Di-n-butylphthalate	12.20	149	412260	11.49	nq	98
74) Fluoranthene	12.95	202	397786	11.83	nq	99
76) Benzidine	13.12	184	240830	10.08	nq	# 93
77) Pyrene	13.22	202	418123	9.23	nq	99
79) Butylbenzylphthalate	14.04	149	166538	8.22	nq	# 87
80) Benzo(a)anthracene	14.70	228	337238	9.89	nq	99
81) 3,3'-Dichlorobenzidine	14.67	252	124182	9.66	nq	# 94
82) Chrysene	14.74	228	331965	9.74	nq	99
83) Bis(2-ethylhexyl)phthalate	14.76	149	250949	10.29	nq	# 99
84) Di-n-octyl phthalate	15.52	149	392326	8.81	nq	99
85) Indeno(1,2,3-cd)pyrene	17.73	276	285208	10.22	nq	97
87) Benzo(b)fluoranthene	15.93	252	313628	9.89	nq	98
88) Benzo(k)fluoranthene	15.96	252	294634	12.58	nq	97
89) Benzo(a)pyrene	16.28	252	279742	10.88	nq	97
90) Dibenzo(a,h)anthracene	17.76	278	244409	11.45	nq	98
91) Benzo(g,h,i)perylene	18.14	276	242599	11.45	nq	100

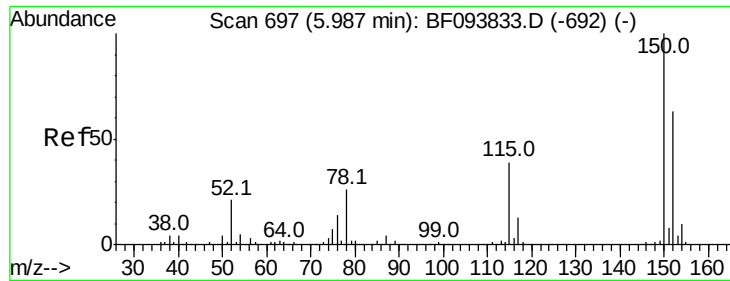
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.99 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

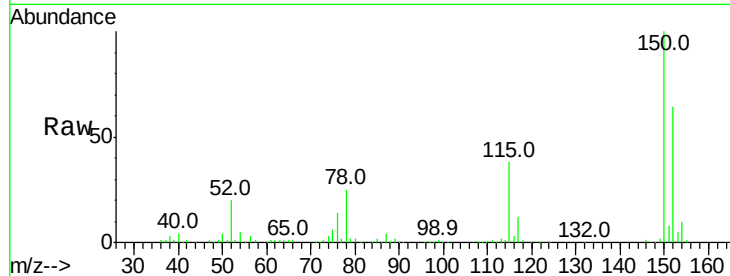
Tot Ion:152 Resp: 191202

Ion Ratio Lower Upper

152 100

150 157.0 126.2 189.2

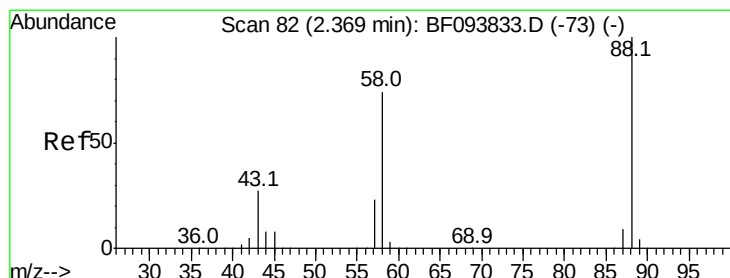
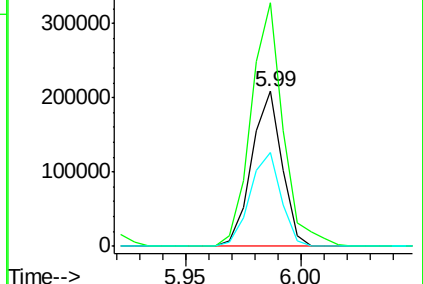
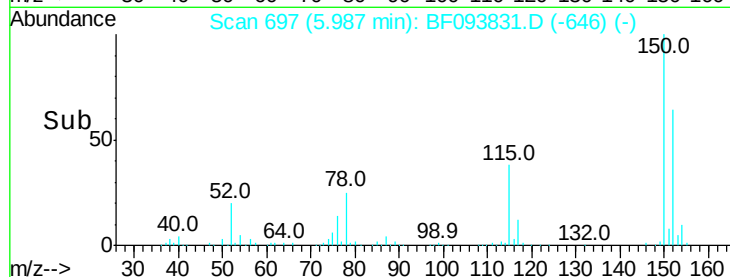
115 60.2 52.2 78.2



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: 10.15 ng

RT: 2.37 min Scan# 82

Delta R.T. 0.00 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

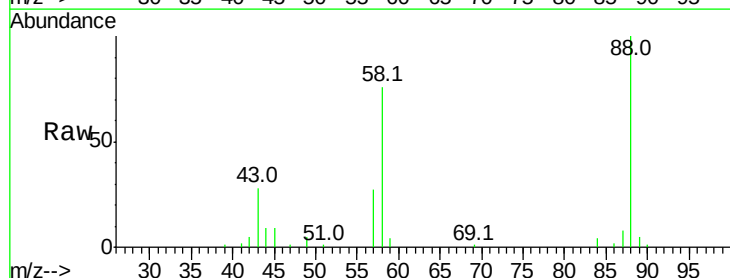
Tgt Ion: 88 Resp: 56220

Ion Ratio Lower Upper

88 100

58 74.0 61.4 92.0

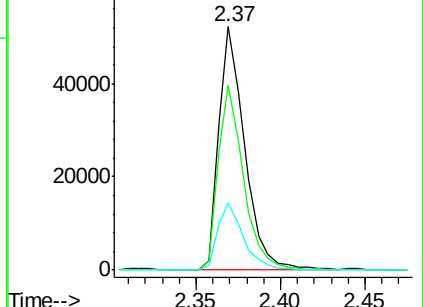
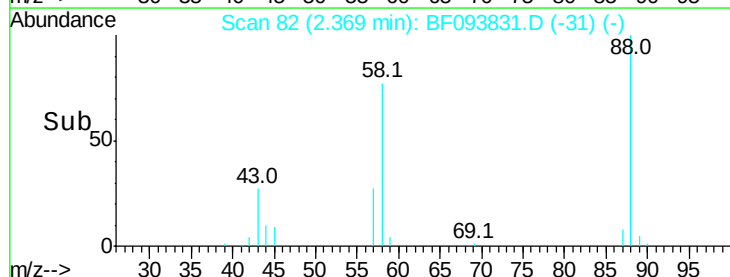
43 27.7 23.4 35.0

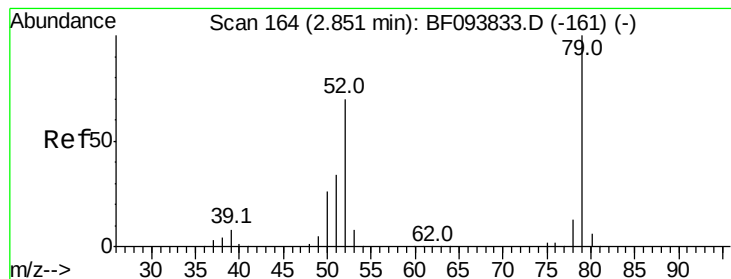


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 10.94 ng

RT: 2.86 min Scan# 165

Delta R.T. 0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

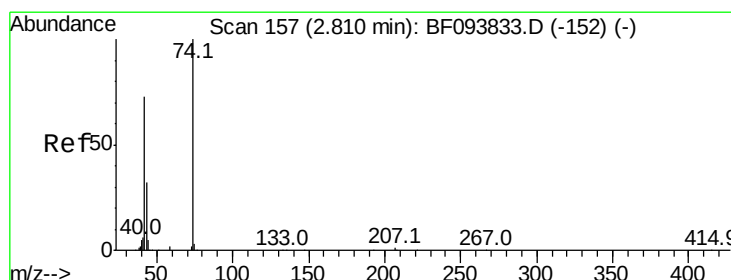
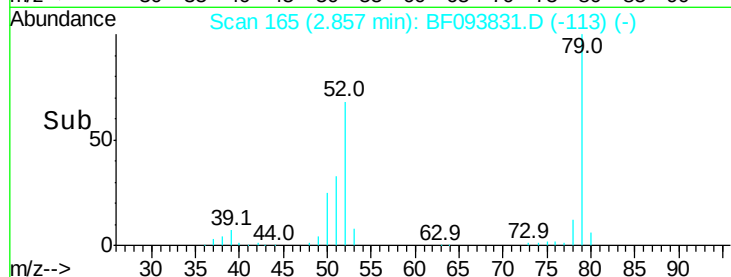
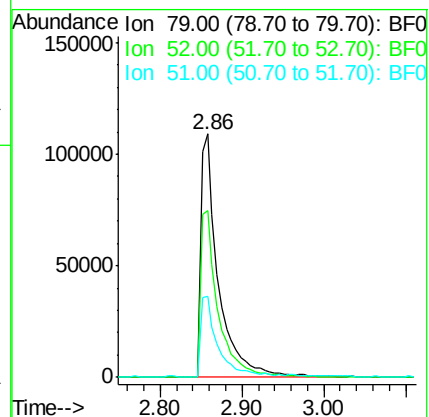
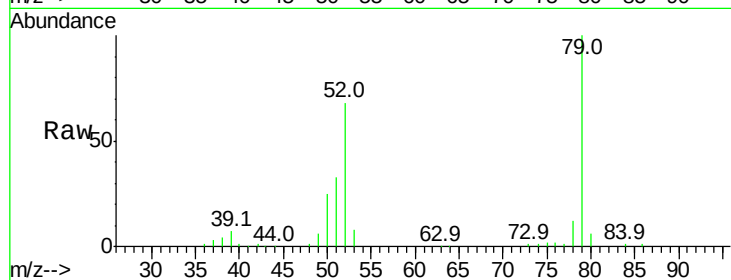
Tot Ion: 79 Resp: 162446

Ion Ratio Lower Upper

79 100

52 68.5 54.8 82.2

51 33.3 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 9.31 ng

RT: 2.80 min Scan# 155

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

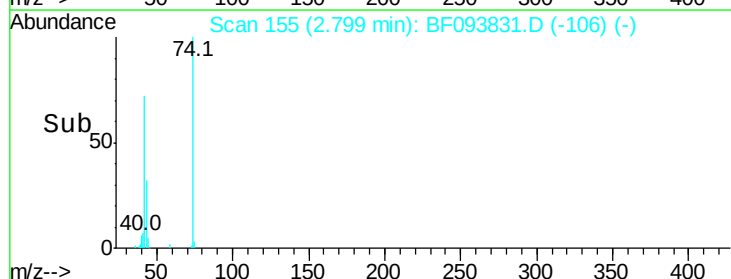
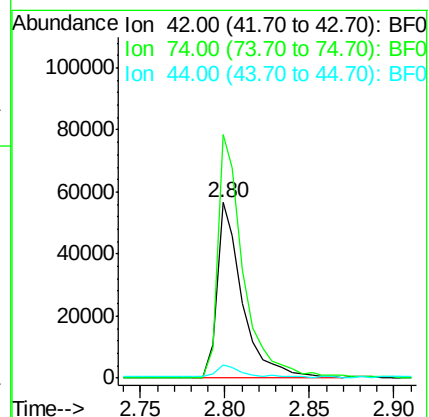
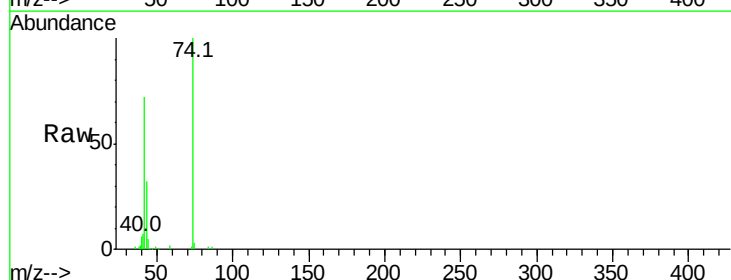
Tgt Ion: 42 Resp: 59604

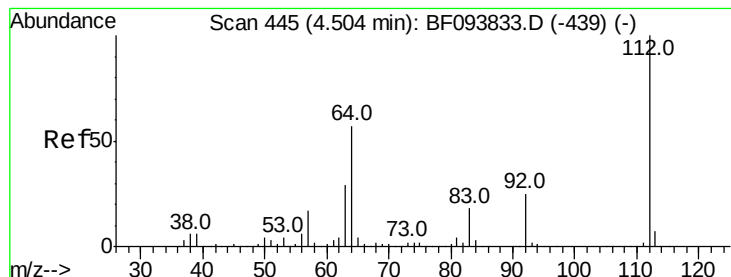
Ion Ratio Lower Upper

42 100

74 138.7 103.9 155.9

44 7.2 5.7 8.5





#5

2-Fluorophenol

Concen: 22.97 ng

RT: 4.50 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

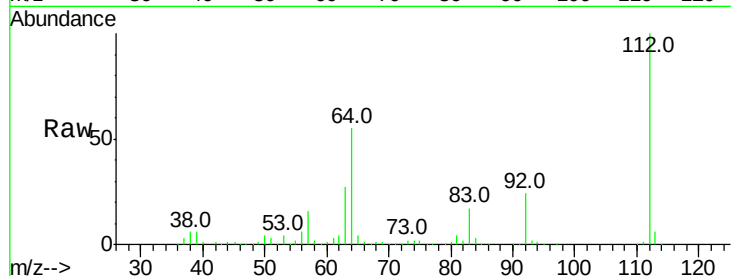
Tot Ion:112 Resp: 251109

Ion Ratio Lower Upper

112 100

64 54.7 46.0 69.0

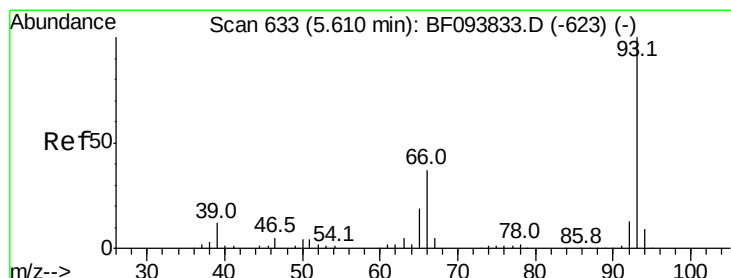
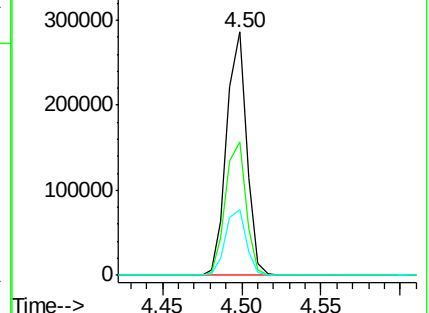
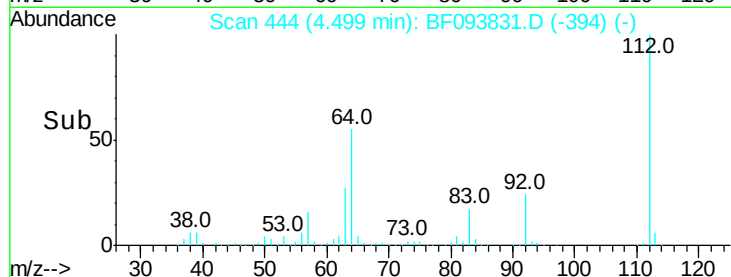
63 27.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 11.13 ng

RT: 5.60 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

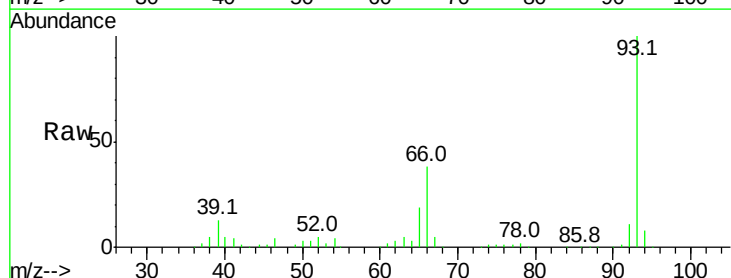
Tgt Ion: 93 Resp: 210197

Ion Ratio Lower Upper

93 100

66 37.8 32.9 49.3

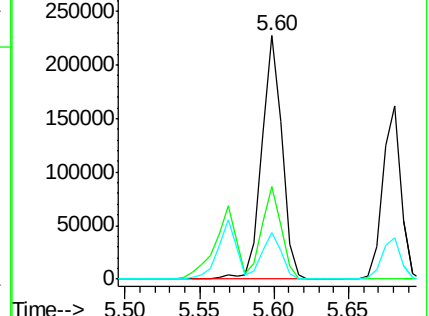
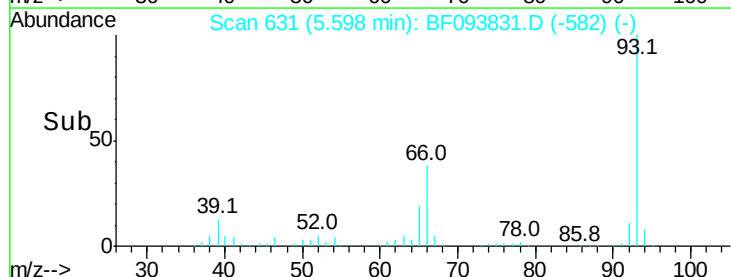
65 19.1 16.0 24.0

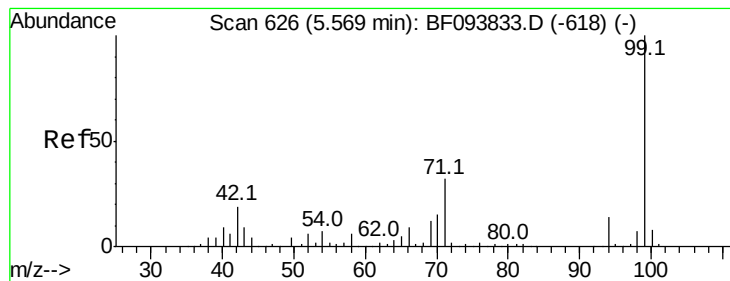


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 22.80 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

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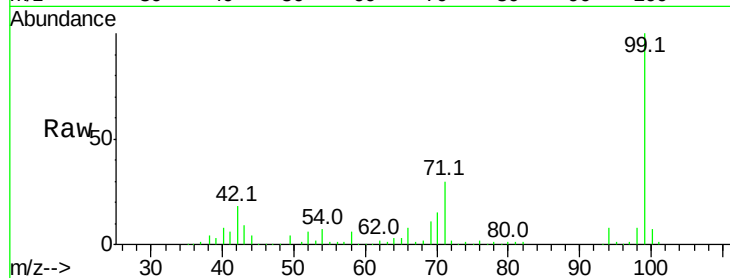
Tot Ion: 99 Resp: 308100

Ion Ratio Lower Upper

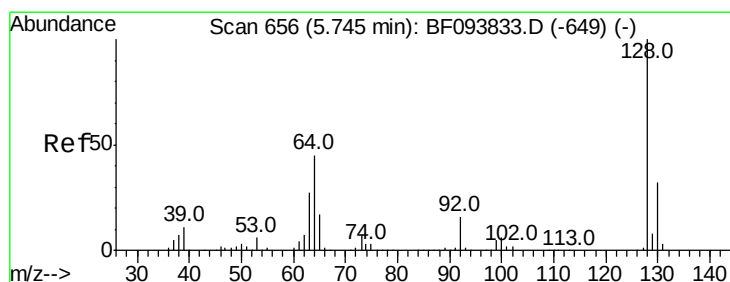
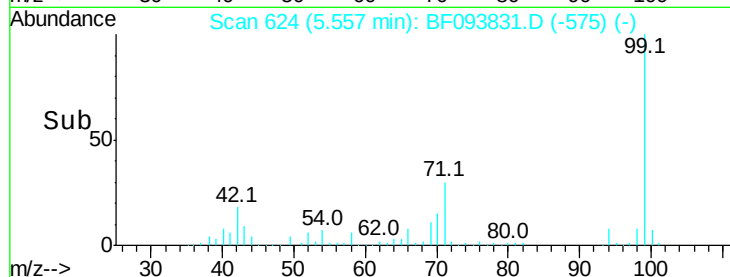
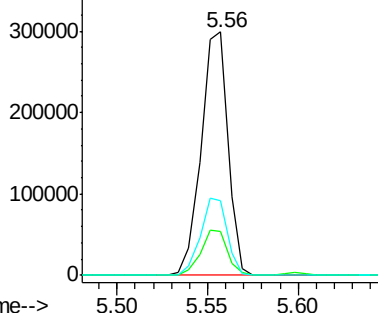
99 100

42 18.0 13.5 20.3

71 30.4 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: 11.31 ng

RT: 5.74 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

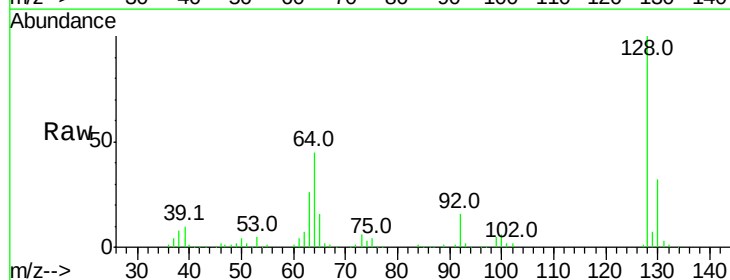
Tgt Ion: 128 Resp: 136061

Ion Ratio Lower Upper

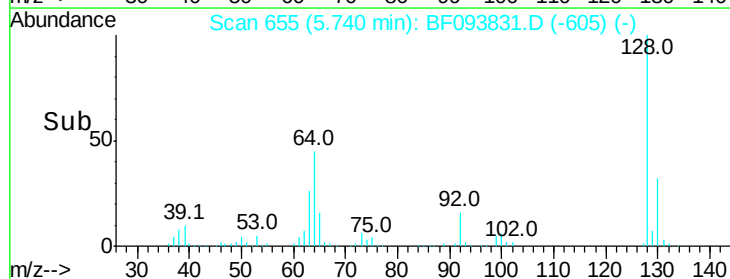
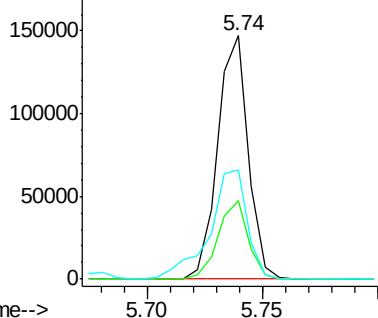
128 100

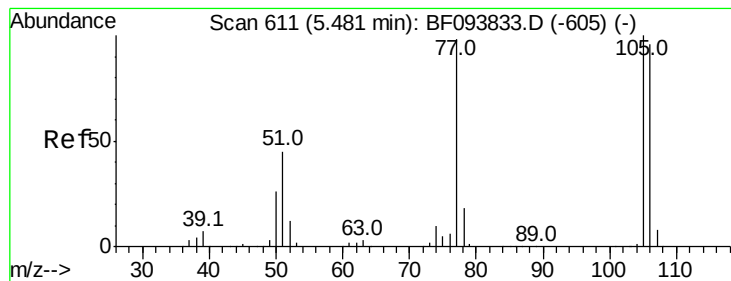
130 32.0 12.9 52.9

64 45.0 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: 10.96 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF093831.D

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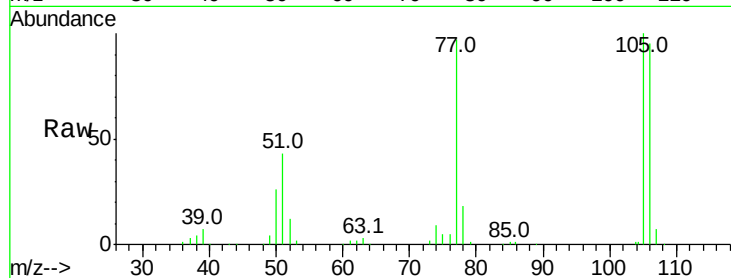
Tot Ion: 77 Resp: 104657

Ion Ratio Lower Upper

77 100

105 102.6 83.8 123.8

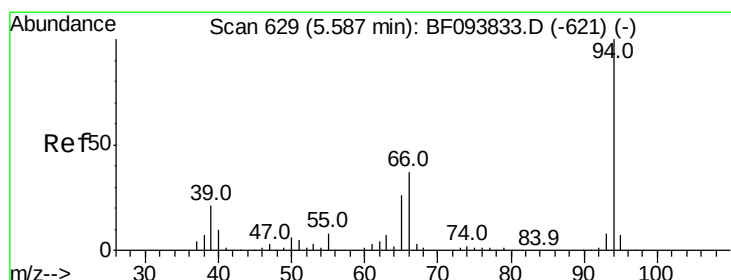
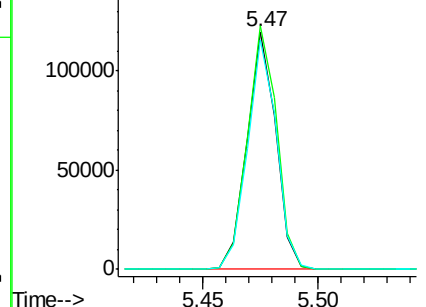
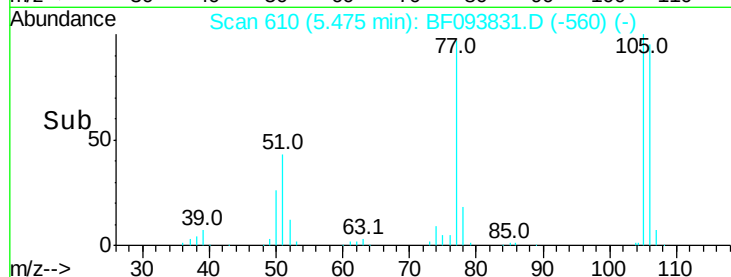
106 96.9 79.1 119.1



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: 10.89 ng

RT: 5.57 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

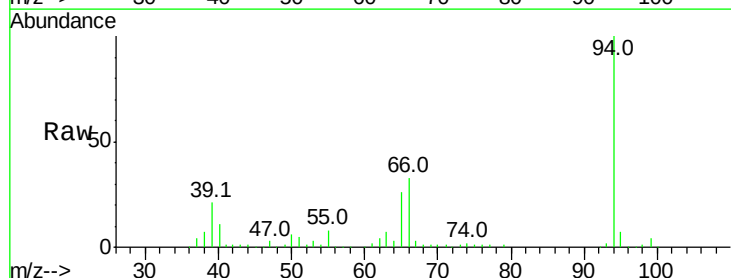
Tgt Ion: 94 Resp: 165393

Ion Ratio Lower Upper

94 100

65 26.4 9.9 49.9

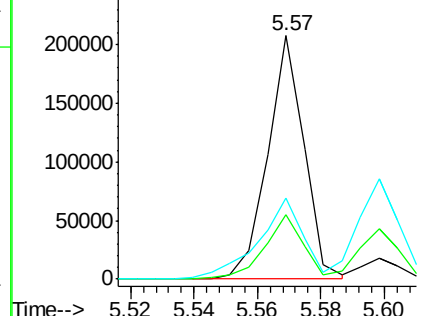
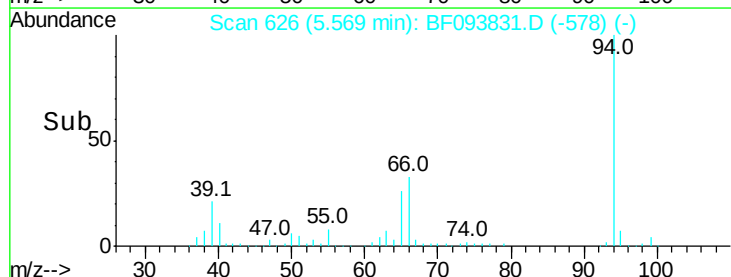
66 33.3 23.1 63.1

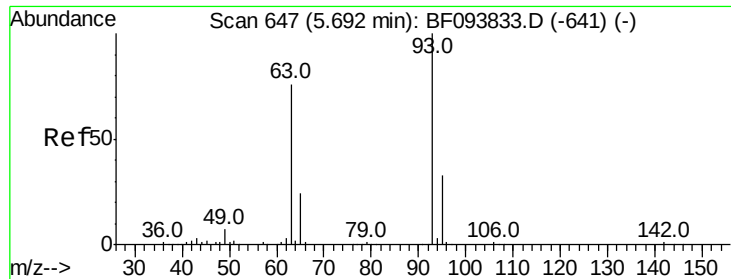


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 10.90 ng

RT: 5.68 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

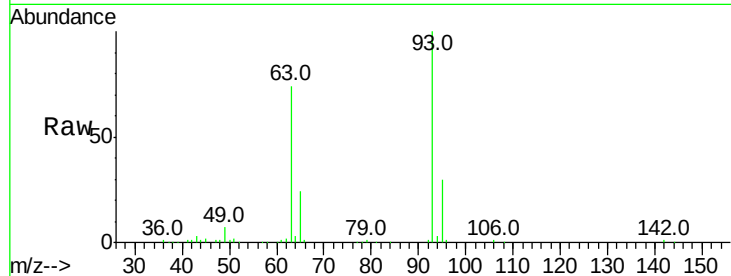
Tot Ion: 93 Resp: 134372

Ion Ratio Lower Upper

93 100

63 74.0 59.2 99.2

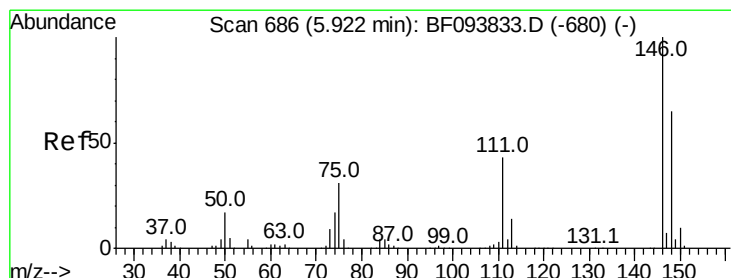
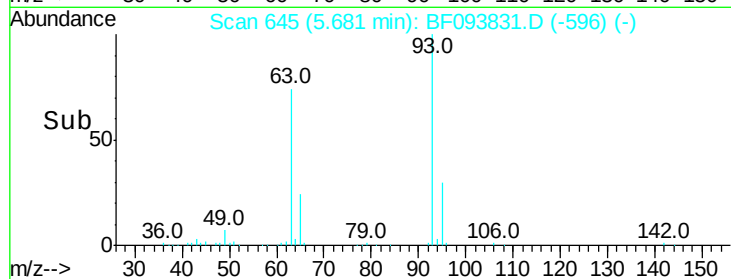
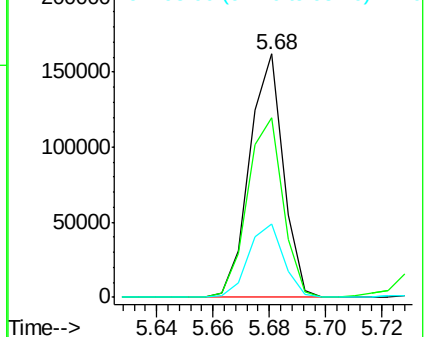
95 30.3 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 11.22 ng

RT: 5.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

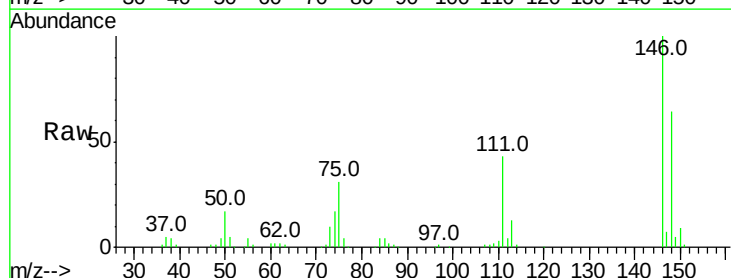
Tgt Ion: 146 Resp: 153029

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

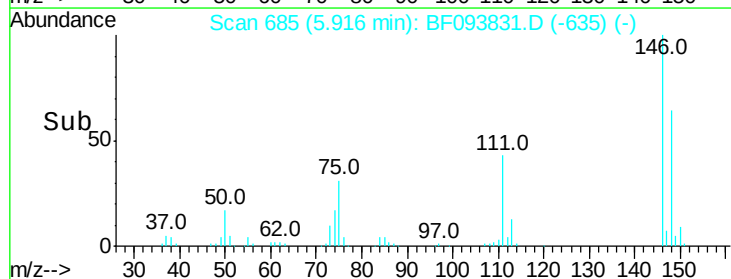
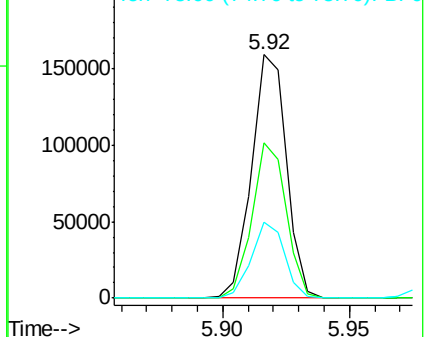
75 31.0 23.1 34.7

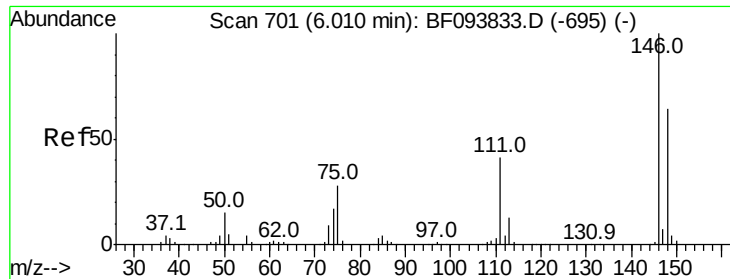


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

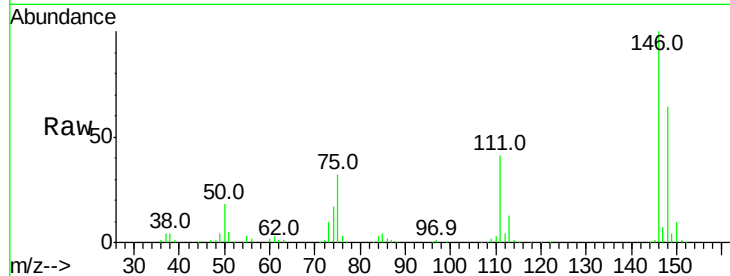




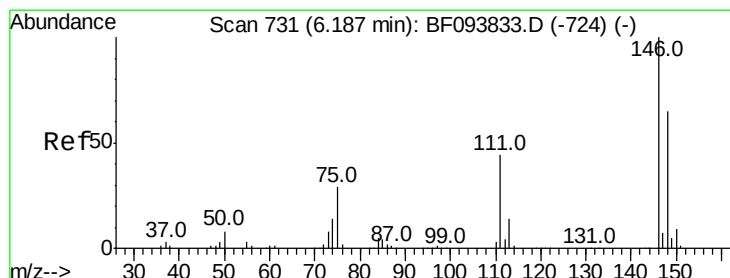
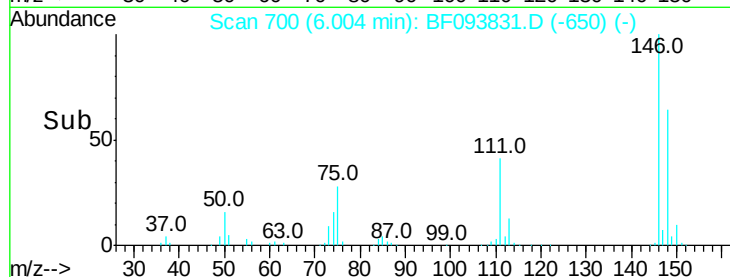
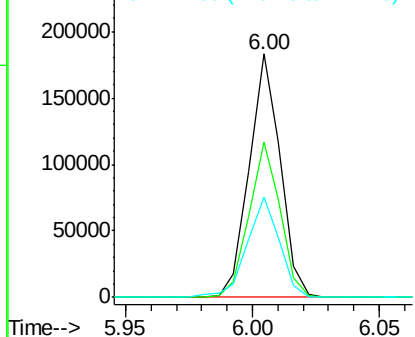
#13
 1,4-Dichlorobenzene
 Concen: 11.16 ng
 RT: 6.00 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093831.D
 Acq: 22 Mar 2017 14:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion:146 Resp: 155241
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.2 78.2
 111 41.3 30.3 45.5

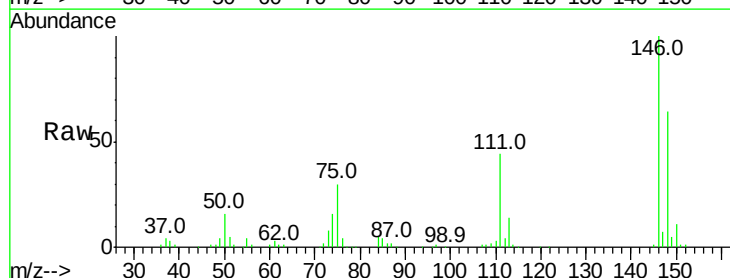


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

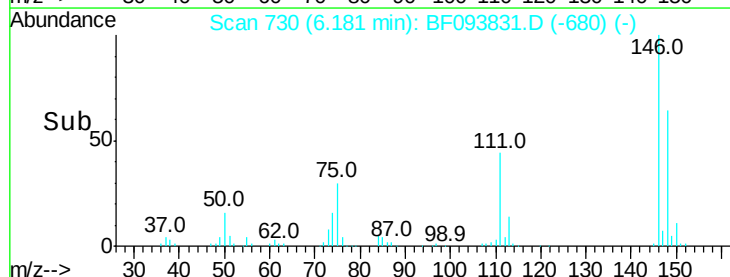
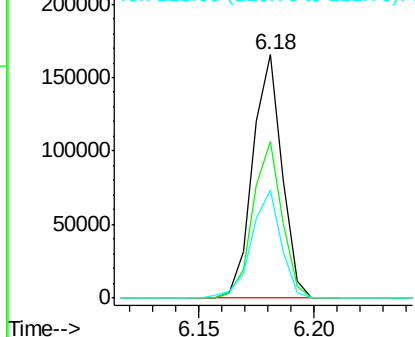


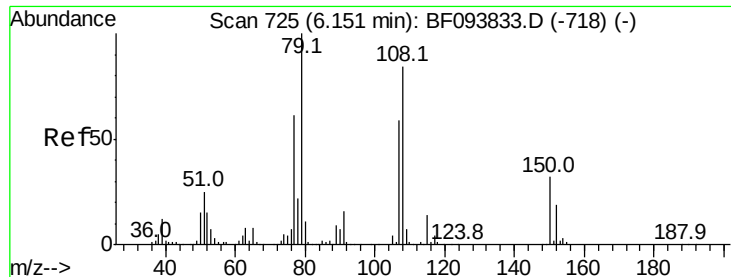
#14
 1,2-Dichlorobenzene
 Concen: 11.47 ng
 RT: 6.18 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF093831.D
 Acq: 22 Mar 2017 14:45

Tgt Ion:146 Resp: 146429
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.4 75.6
 111 44.4 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 11.15 ng

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Instrument :

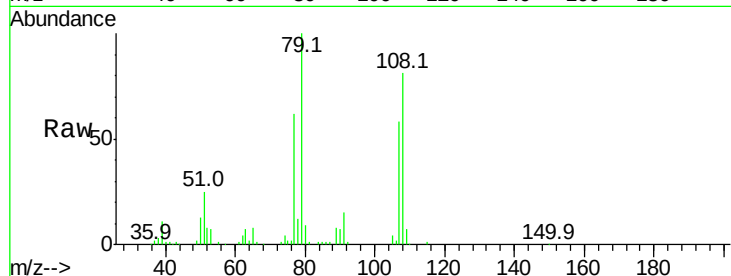
BNA_F

ClientSampleId :

SSTDIC010

Tot Ion: 79 Resp: 111645

Ion	Ratio	Lower	Upper
79	100		
108	81.1	63.4	95.0
77	62.4	49.2	73.8



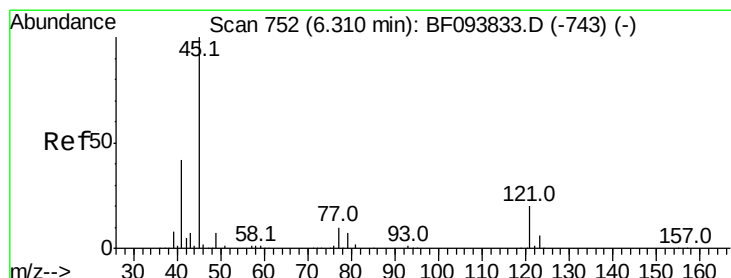
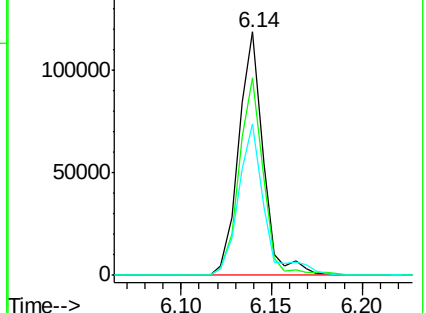
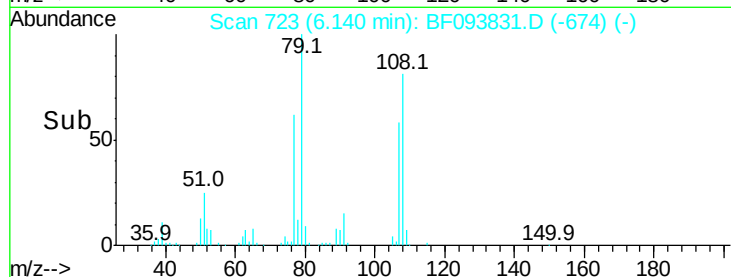
Abundance

Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 10.46 ng

RT: 6.30 min Scan# 751

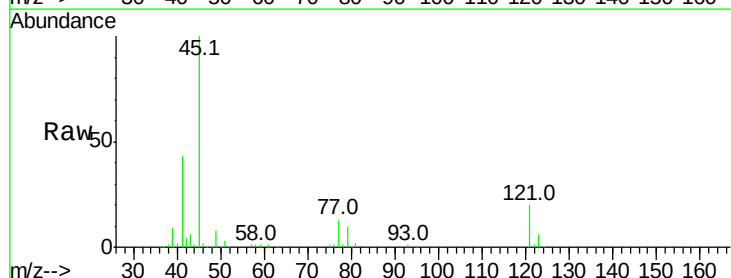
Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Tgt Ion: 45 Resp: 205009

Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	33.2
79	9.9	0.0	30.0



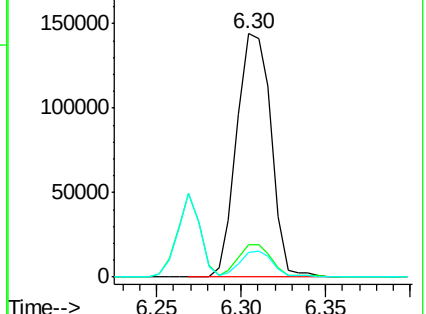
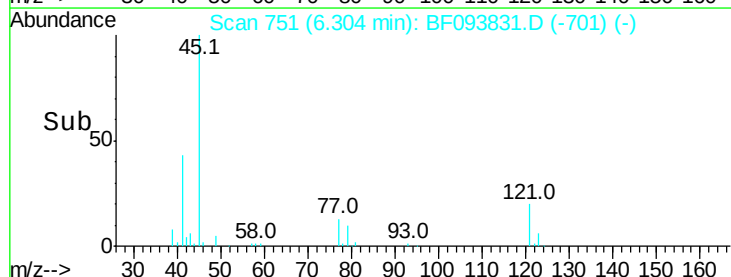
Abundance

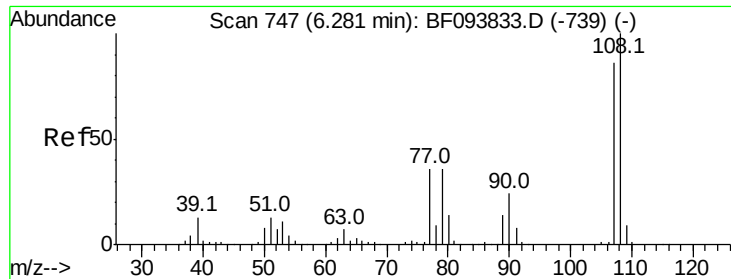
Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->





#17

2-Methylphenol

Concen: 10.80 ng

RT: 6.27 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tot Ion:107 Resp: 114038

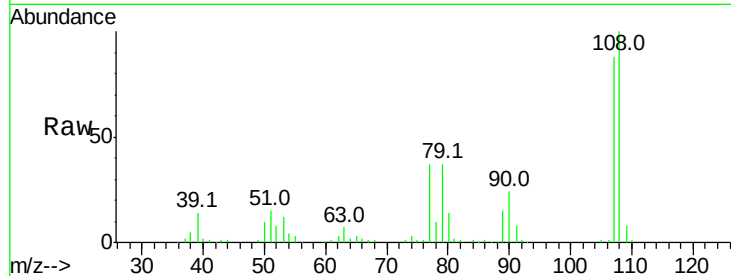
Ion Ratio Lower Upper

107 100

108 113.4 93.4 140.0

77 42.1 35.8 53.6

79 42.1 34.8 52.2

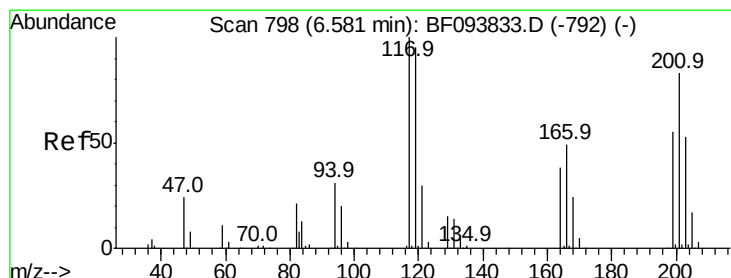
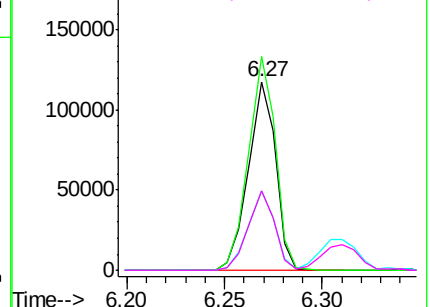
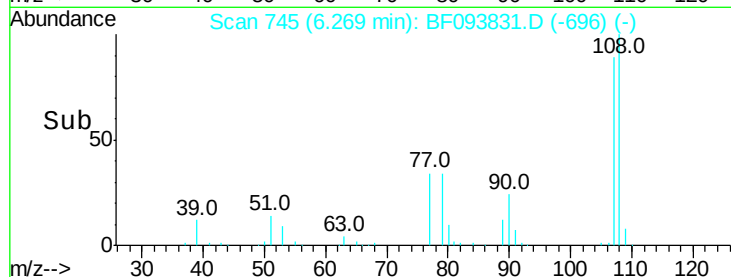


Abundance Ion 107.00 (106.70 to 107.70): E

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: 10.56 ng

RT: 6.58 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

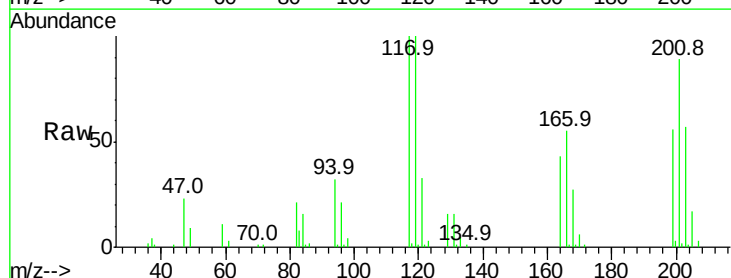
Tgt Ion:117 Resp: 52106

Ion Ratio Lower Upper

117 100

119 99.8 77.4 116.0

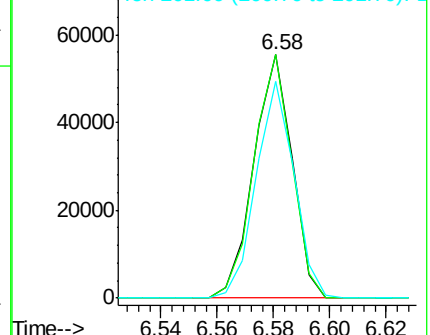
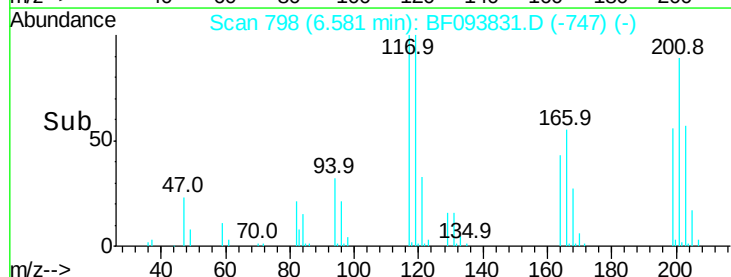
201 89.2 94.6 141.8#

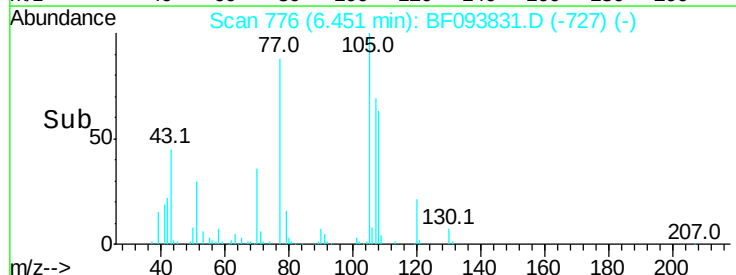
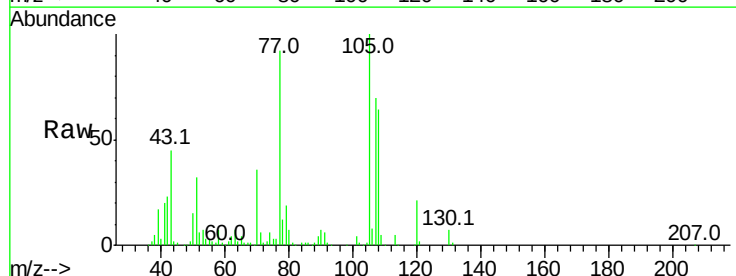
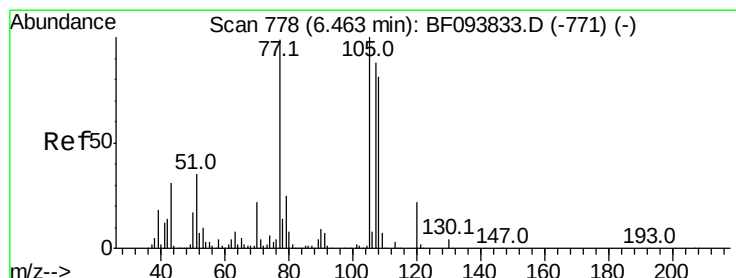
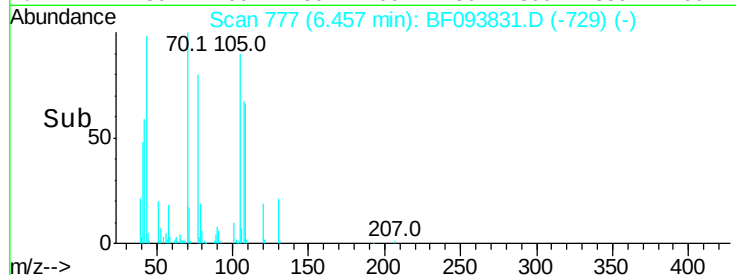
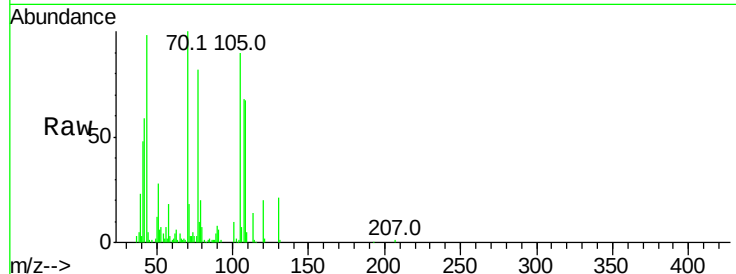
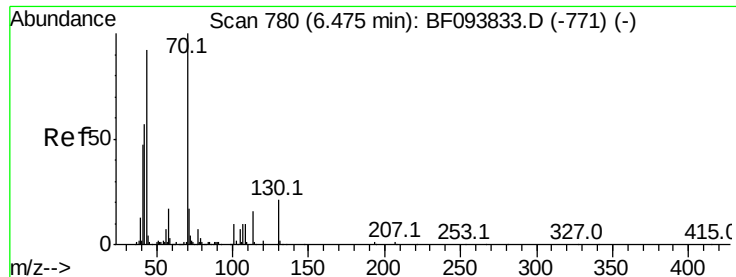


Abundance Ion 117.00 (116.70 to 117.70): E

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: 11.00 ng

RT: 6.46 min Scan# 777

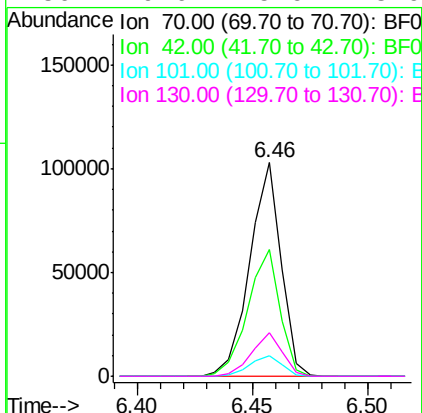
Delta R.T. -0.02 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion:	70	Resp:	97347
Ion	Ratio	Lower	Upper
70	100		
42	59.1	47.2	70.8
101	9.6	7.2	10.8
130	20.6	15.9	23.9



#20

3+4-Methylphenols

Concen: 11.74 ng

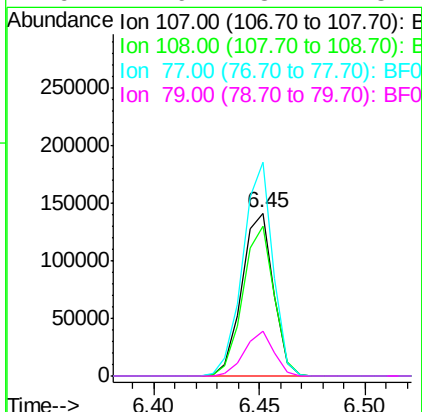
RT: 6.45 min Scan# 776

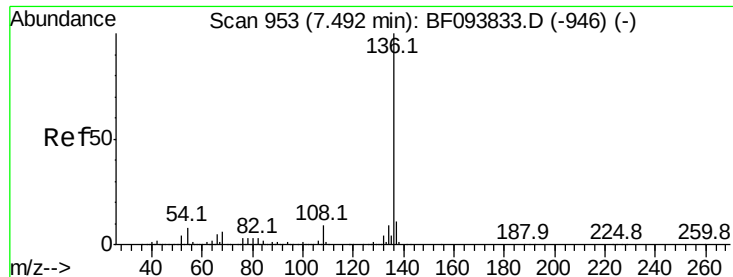
Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Tgt Ion:	107	Resp:	146647
Ion	Ratio	Lower	Upper
107	100		
108	92.0	71.0	111.0
77	131.4	90.5	130.5#
79	27.6	8.4	48.4

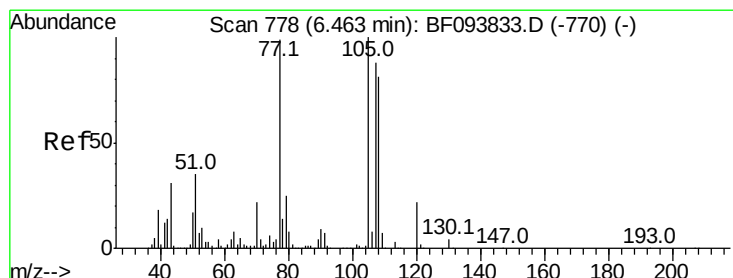
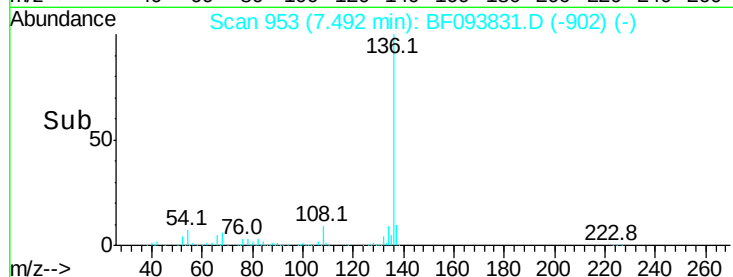
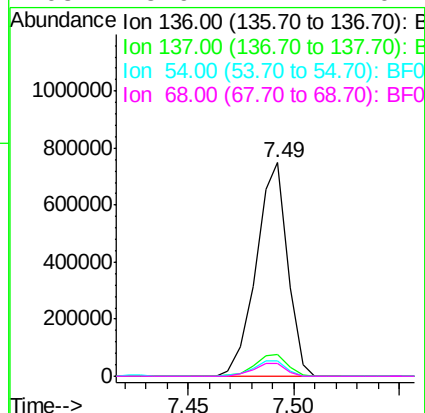
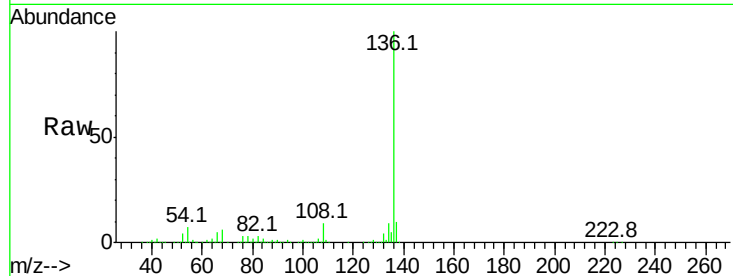




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.49 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF093831.D
Acq: 22 Mar 2017 14:45

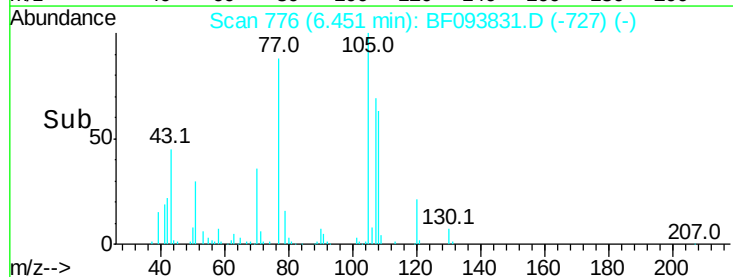
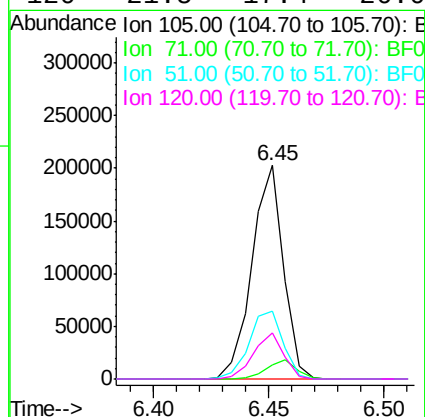
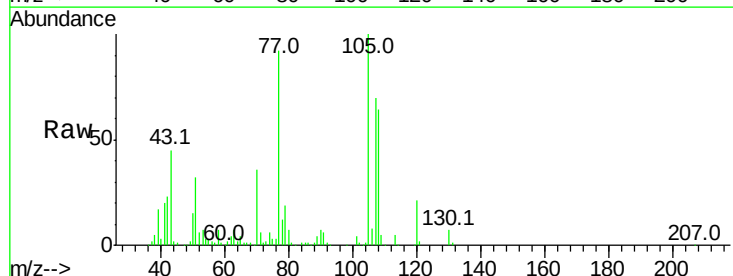
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

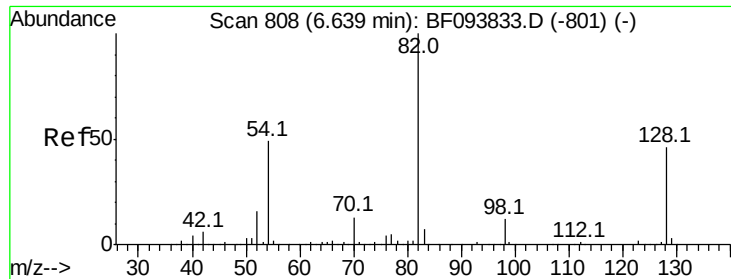
Tot Ion:136	Resp:	774875
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.5 12.7
54	7.3	4.9 7.3
68	5.9	4.1 6.1



#22
Acetophenone
Concen: 11.52 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF093831.D
Acq: 22 Mar 2017 14:45

Tgt Ion:105	Resp:	193230
Ion Ratio	Lower	Upper
105	100	
71	6.3	2.8 4.2#
51	31.8	30.7 46.1
120	21.5	17.4 26.0

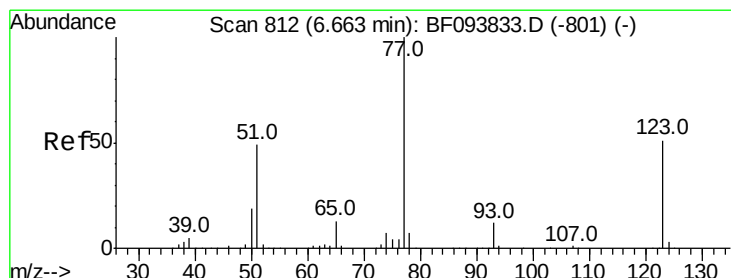
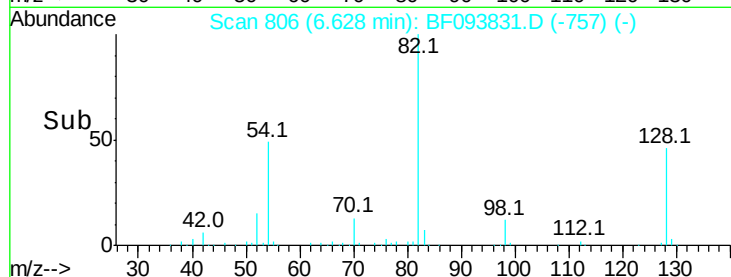
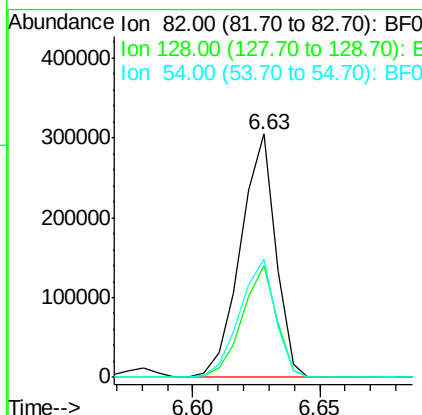
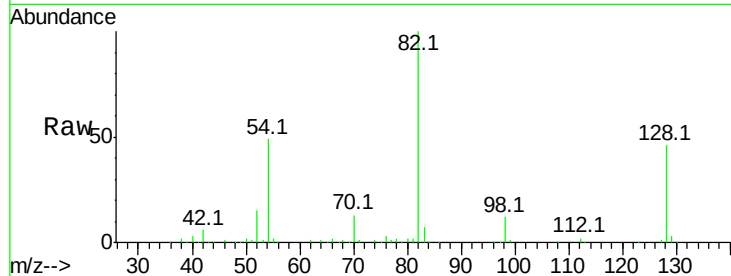




#23
Nitrobenzene-d5
Concen: 21.47 ng
RT: 6.63 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF093831.D
Acq: 22 Mar 2017 14:45

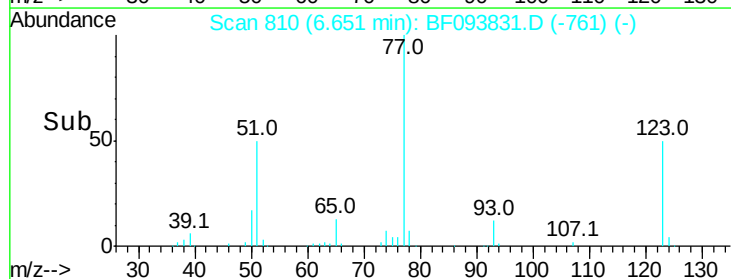
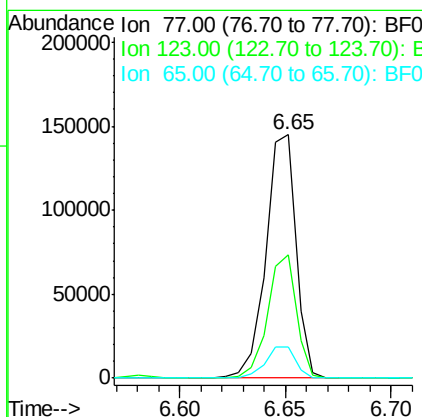
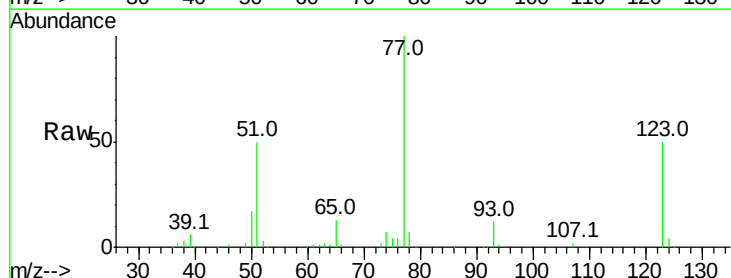
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

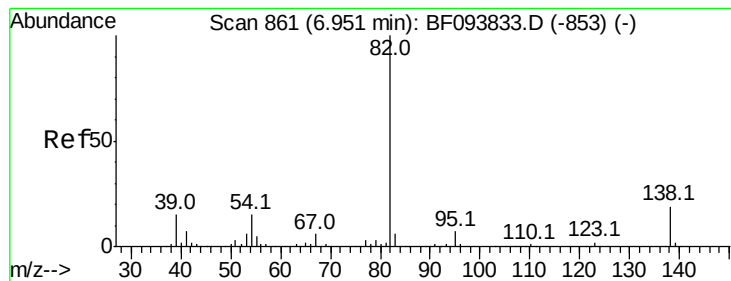
Tot Ion	82	Resp	293227
Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.0	51.0
54	48.5	42.2	63.2



#24
Nitrobenzene
Concen: 11.03 ng
RT: 6.65 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF093831.D
Acq: 22 Mar 2017 14:45

Tgt Ion	77	Resp	143935
Ion	Ratio	Lower	Upper
77	100		
123	50.4	35.8	53.8
65	13.0	10.6	15.8





#25

Isophorone

Concen: 10.39 ng

RT: 6.94 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

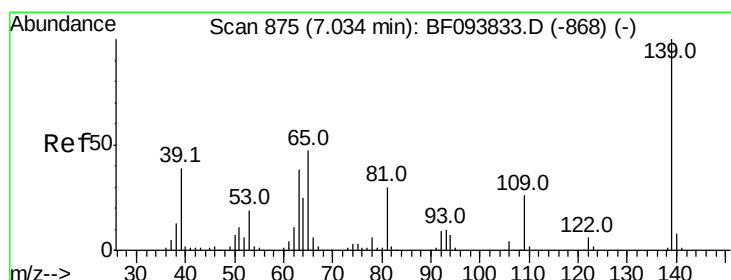
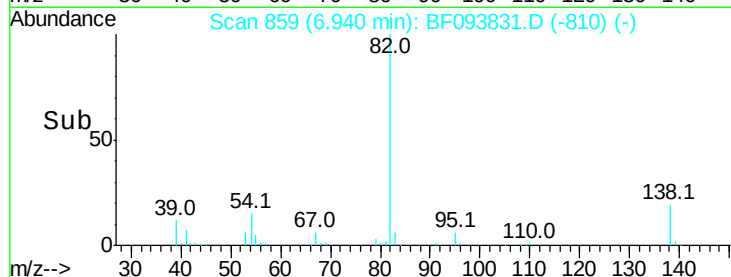
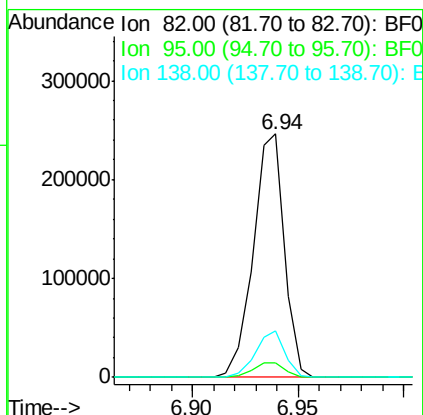
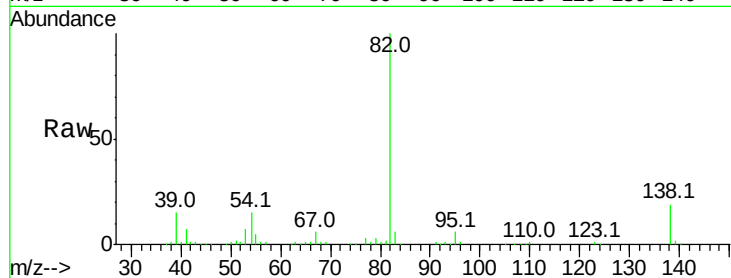
Tot Ion: 82 Resp: 251524

Ion Ratio Lower Upper

82 100

95 6.1 5.3 7.9

138 19.3 13.1 19.7



#26

2-Nitrophenol

Concen: 10.86 ng

RT: 7.03 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

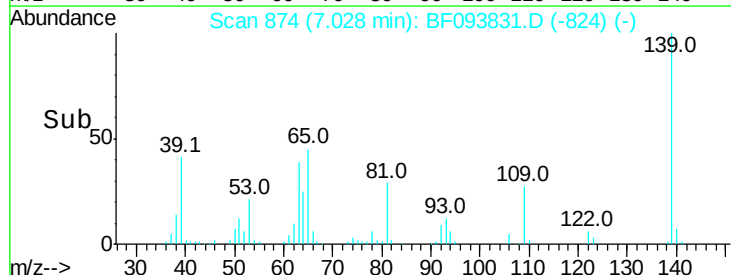
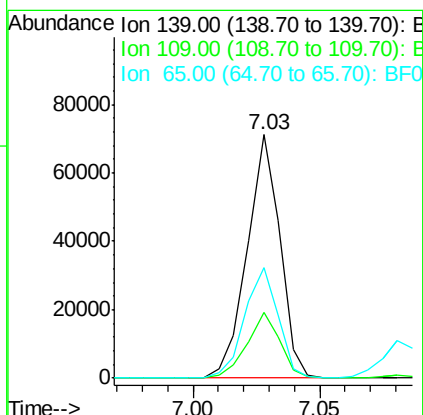
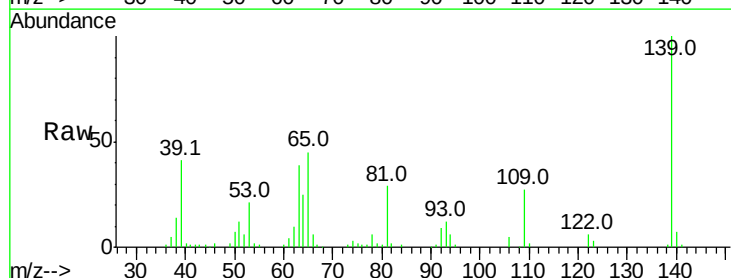
Tgt Ion: 139 Resp: 64094

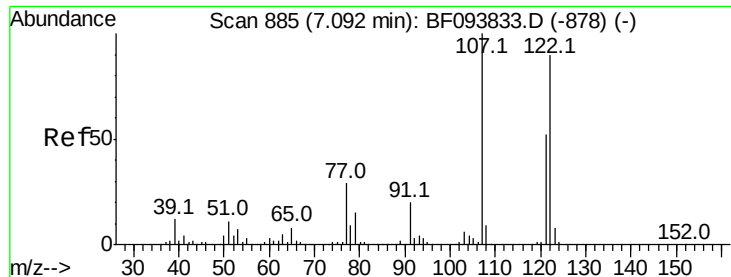
Ion Ratio Lower Upper

139 100

109 26.9 21.0 31.6

65 45.4 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 9.77 ng

RT: 7.08 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

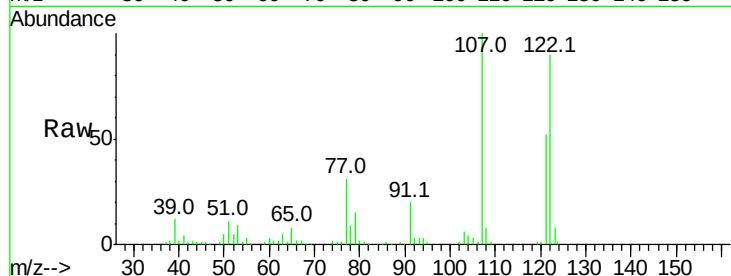
Tot Ion:122 Resp: 118631

Ion Ratio Lower Upper

122 100

107 110.6 89.2 133.8

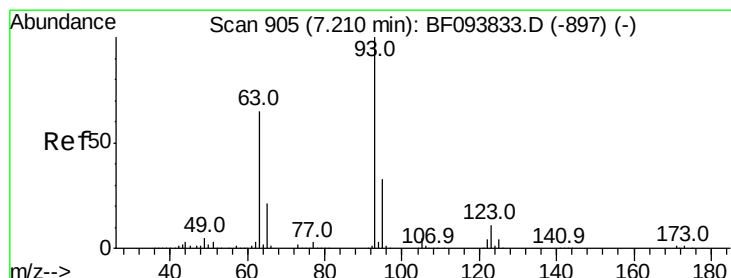
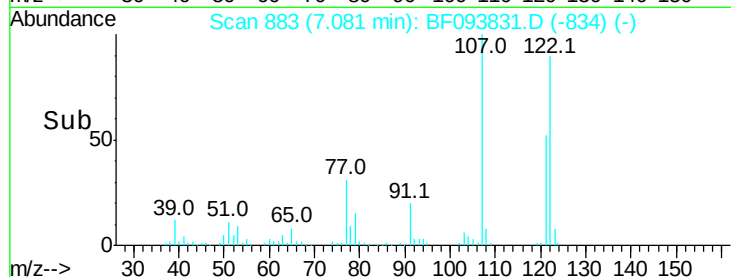
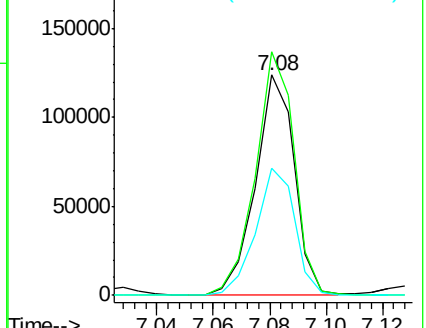
121 57.9 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 10.92 ng

RT: 7.20 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

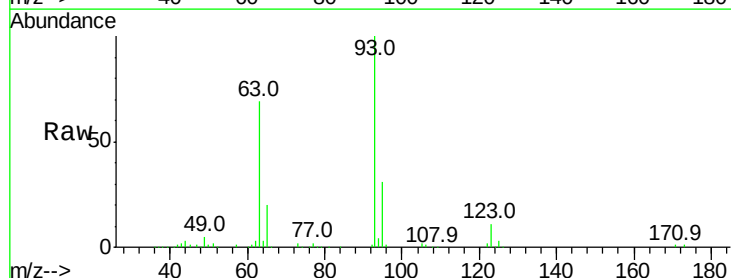
Tgt Ion: 93 Resp: 169964

Ion Ratio Lower Upper

93 100

95 30.8 26.5 39.7

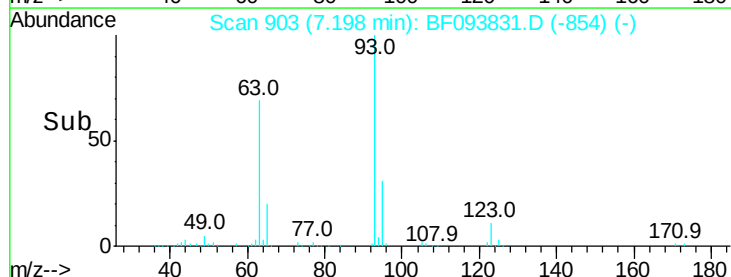
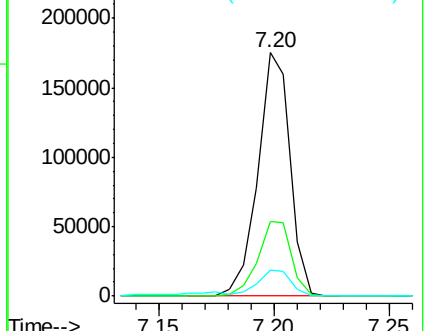
123 10.8 9.0 13.4

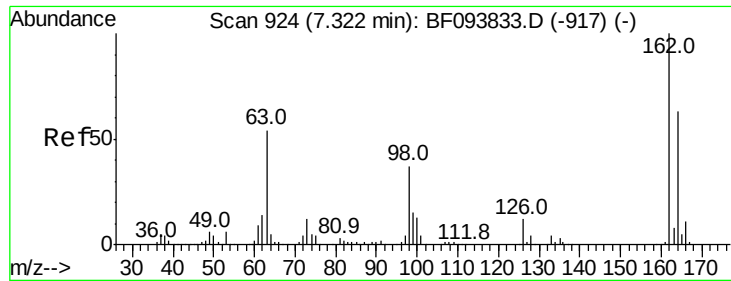


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

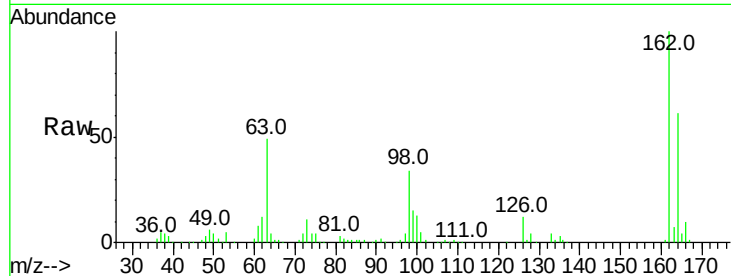




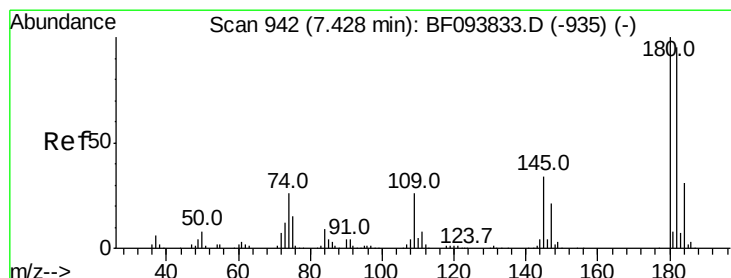
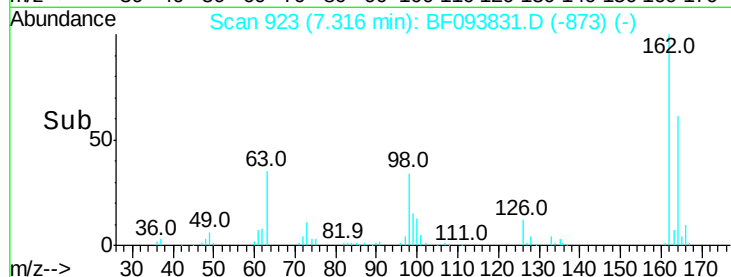
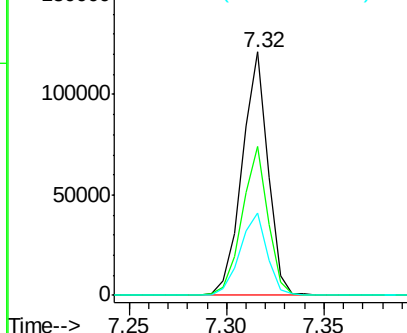
#29
 2,4-Dichlorophenol
 Concen: 10.78 ng
 RT: 7.32 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF093831.D
 Acq: 22 Mar 2017 14:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.2	44.6	84.6
98	33.6	14.8	54.8

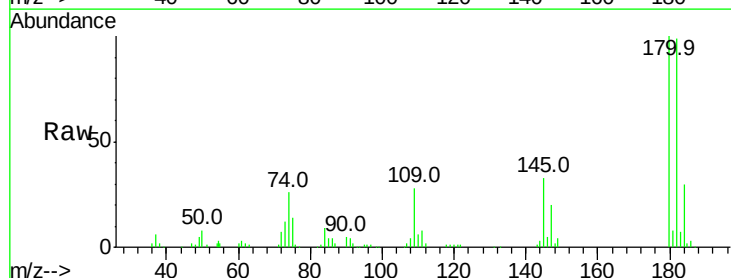


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

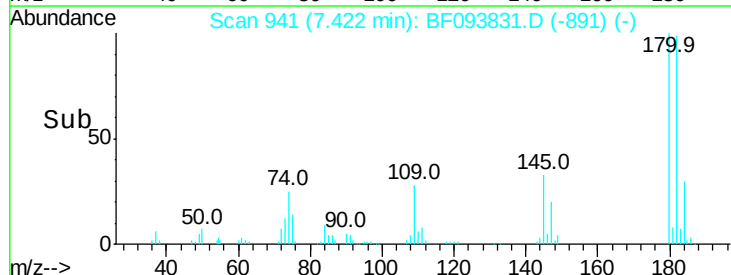
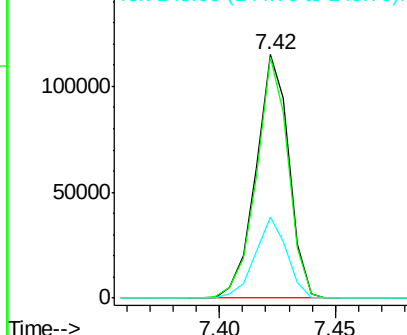


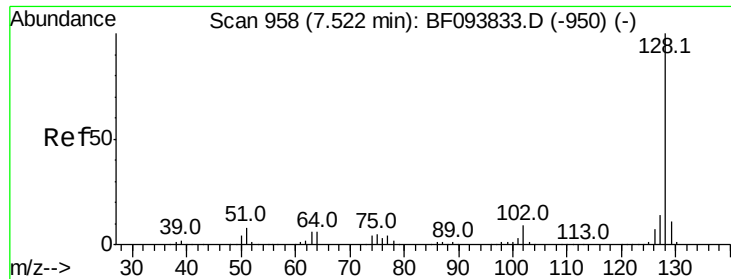
#30
 1,2,4-Trichlorobenzene
 Concen: 10.66 ng
 RT: 7.42 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF093831.D
 Acq: 22 Mar 2017 14:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.8	75.8	113.6
145	33.2	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

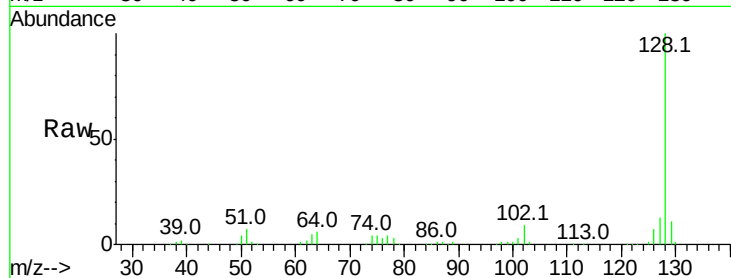




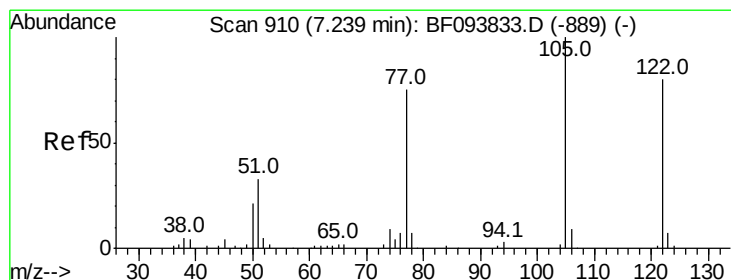
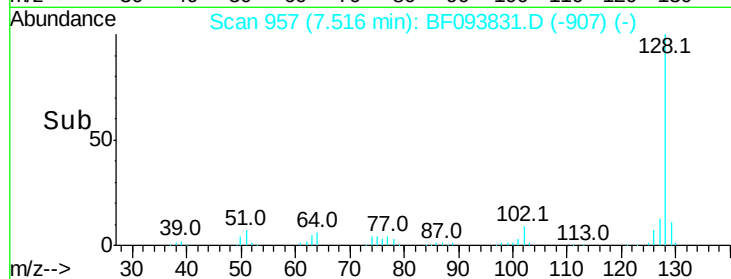
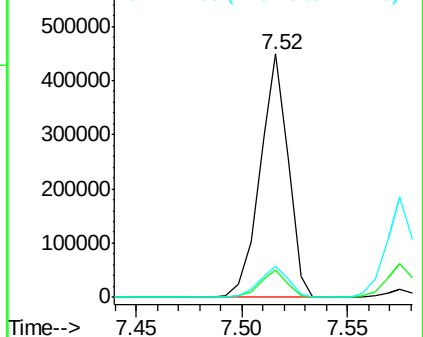
#31
Naphthalene
Concen: 11.52 ng
RT: 7.52 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF093831.D
Acq: 22 Mar 2017 14:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion:128 Resp: 414300
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.0 10.8 16.2

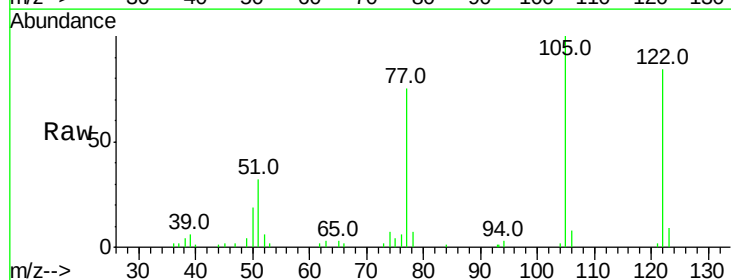


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

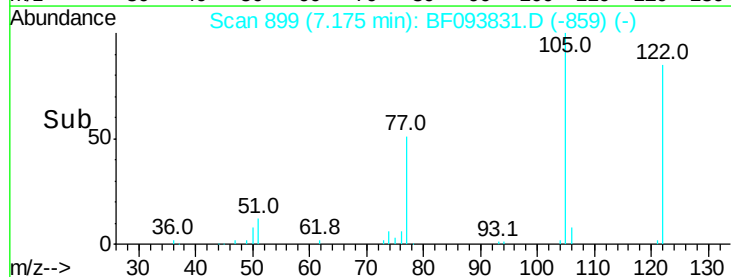
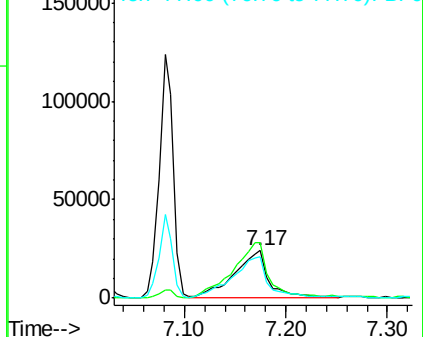


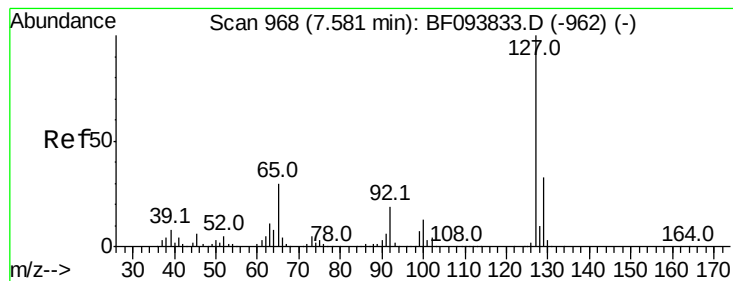
#32
Benzoic acid
Concen: 7.29 ng
RT: 7.17 min Scan# 899
Delta R.T. -0.06 min
Lab File: BF093831.D
Acq: 22 Mar 2017 14:45

Tgt Ion:122 Resp: 55006
Ion Ratio Lower Upper
122 100
105 118.8 103.3 143.3
77 89.0 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 10.63 ng

RT: 7.57 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tot Ion:127 Resp: 164331

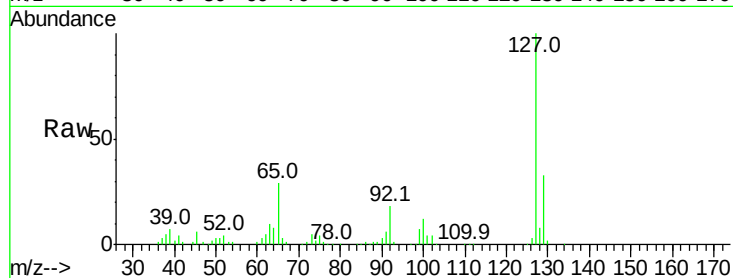
Ion Ratio Lower Upper

127 100

129 33.3 26.2 39.2

65 28.7 27.8 41.8

92 18.2 16.8 25.2

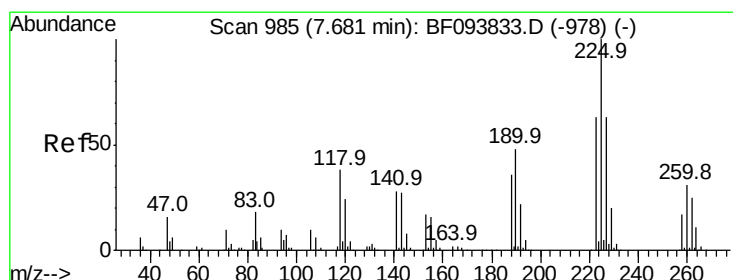
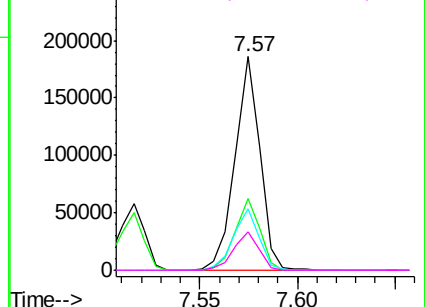
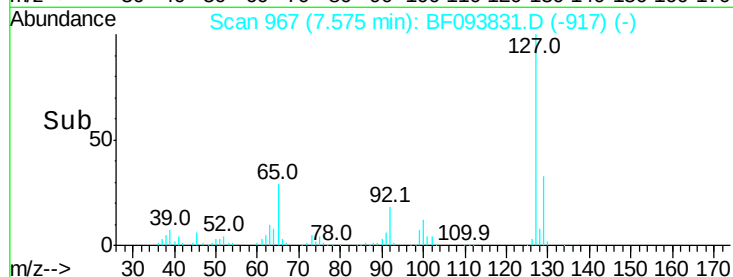


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 10.47 ng

RT: 7.67 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

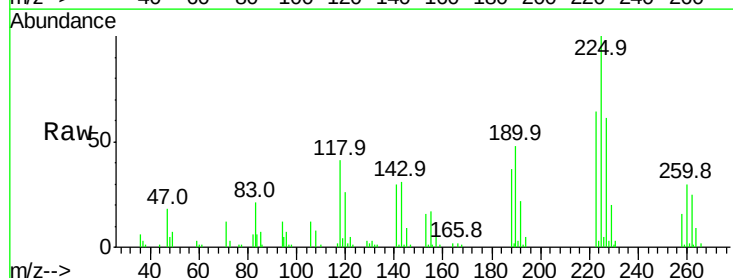
Tgt Ion:225 Resp: 59065

Ion Ratio Lower Upper

225 100

223 63.8 48.8 73.2

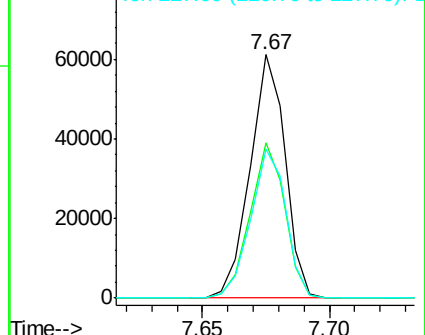
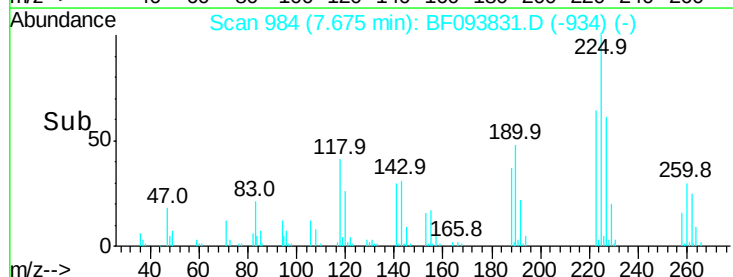
227 61.4 51.1 76.7

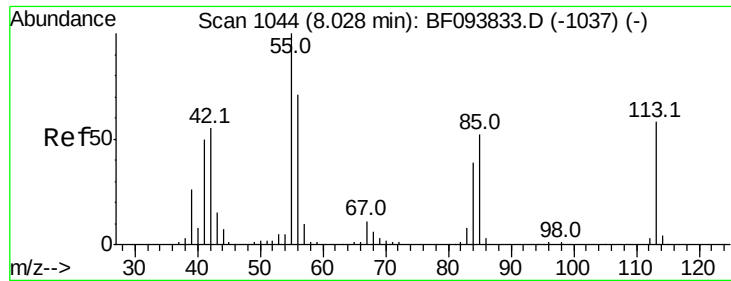


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

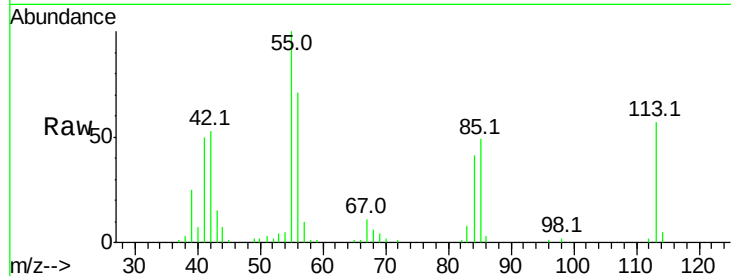




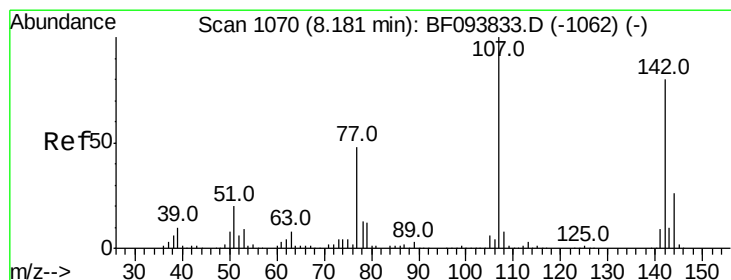
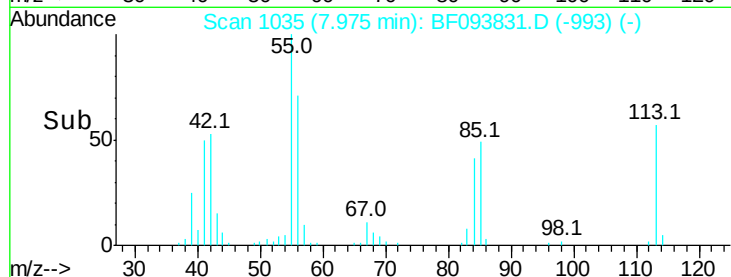
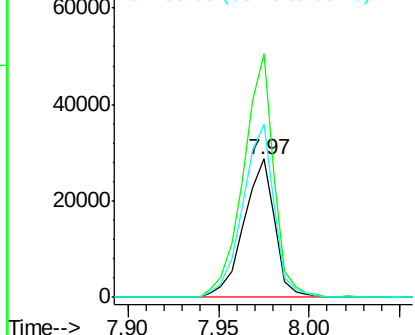
#35
 Caprolactam
 Concen: 10.46 ng
 RT: 7.97 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF093831.D
 Acq: 22 Mar 2017 14:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion:113 Resp: 33918
 Ion Ratio Lower Upper
 113 100
 55 175.8 150.2 190.2
 56 124.8 107.8 147.8

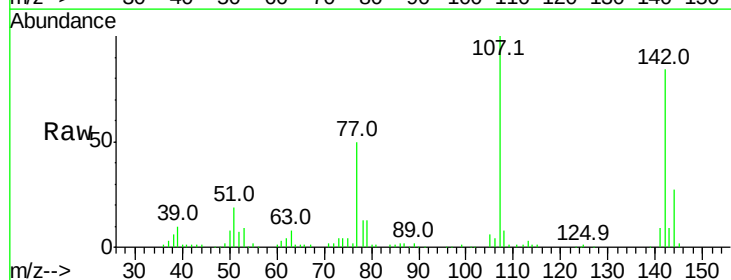


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

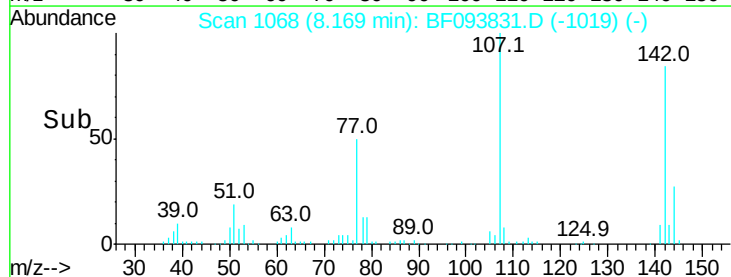
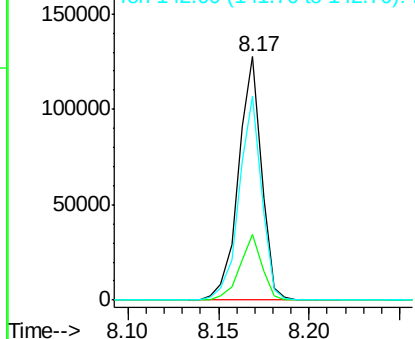


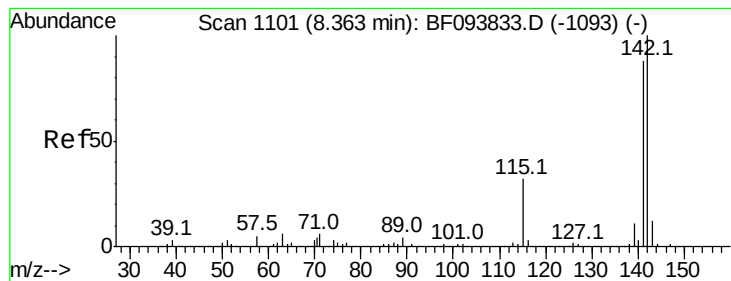
#36
 4-Chloro-3-methylphenol
 Concen: 10.56 ng
 RT: 8.17 min Scan# 1068
 Delta R.T. -0.01 min
 Lab File: BF093831.D
 Acq: 22 Mar 2017 14:45

Tgt Ion:107 Resp: 113021
 Ion Ratio Lower Upper
 107 100
 144 27.2 24.2 36.4
 142 83.9 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: 11.83 ng

RT: 8.36 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

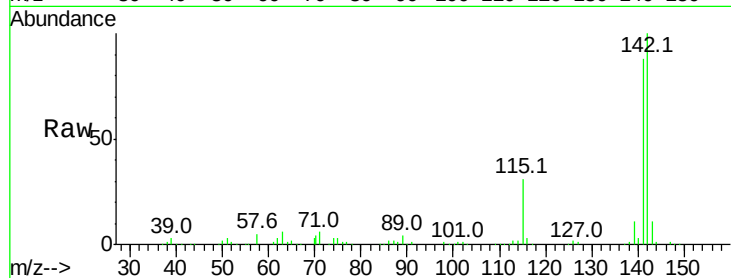
Tot Ion:142 Resp: 277749

Ion Ratio Lower Upper

142 100

141 87.9 71.3 106.9

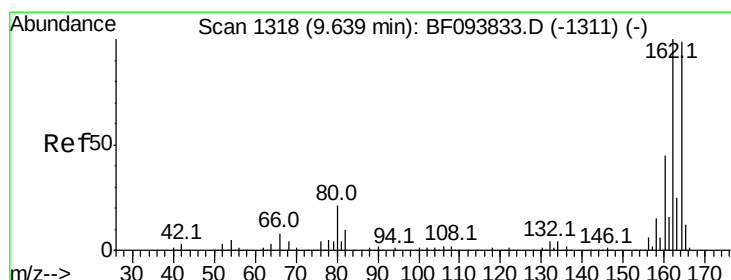
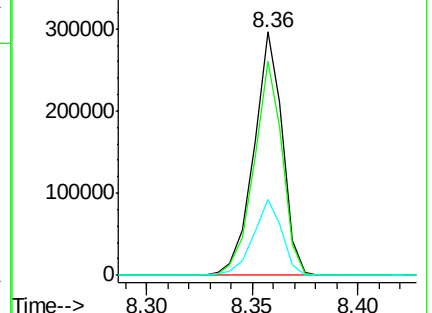
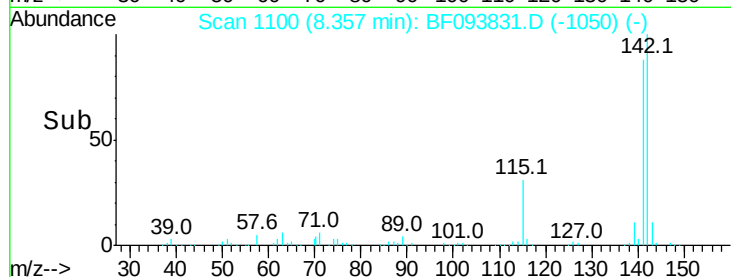
115 31.3 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

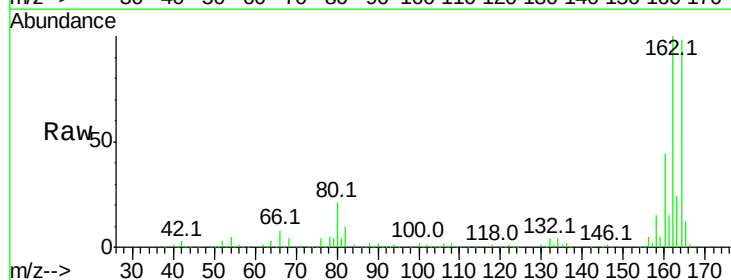
Tgt Ion:164 Resp: 350887

Ion Ratio Lower Upper

164 100

162 102.3 82.6 123.8

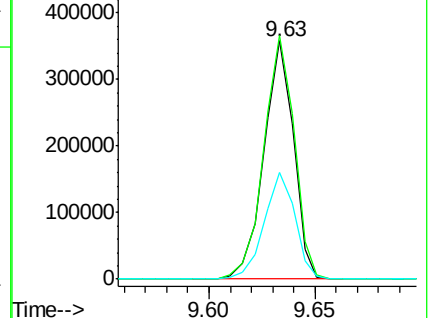
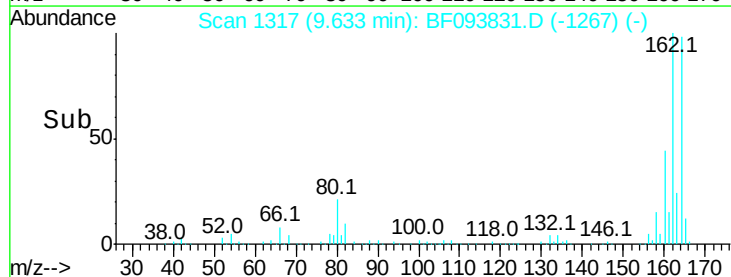
160 44.9 36.2 54.2

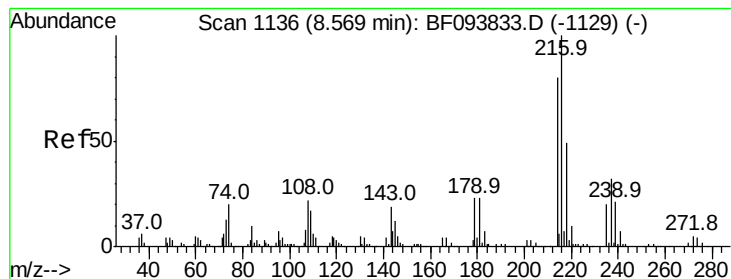


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 11.71 ng

RT: 8.56 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tot Ion:216 Resp: 108844

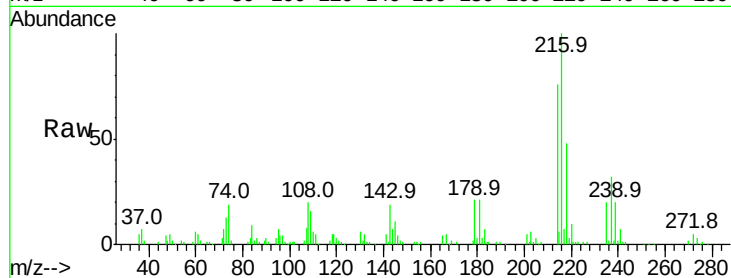
Ion Ratio Lower Upper

216 100

214 78.2 63.4 95.2

179 21.4 17.9 26.9

108 20.6 16.5 24.7

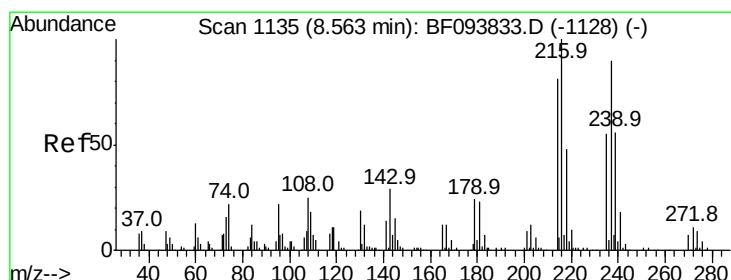
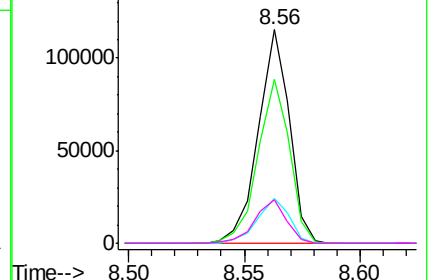
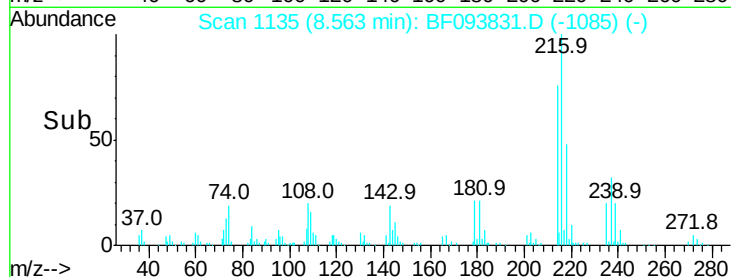


Abundance Ion 216.00 (215.70 to 216.70): E

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: 9.59 ng

RT: 8.56 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

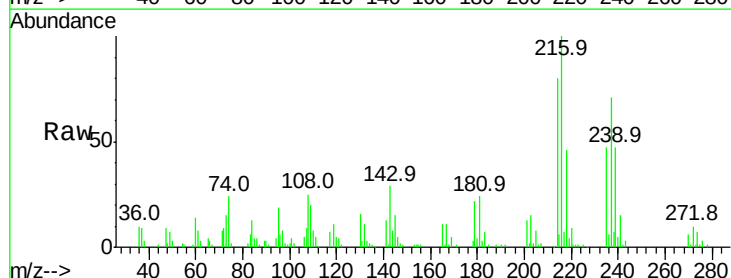
Tgt Ion:237 Resp: 44957

Ion Ratio Lower Upper

237 100

235 65.6 42.6 82.6

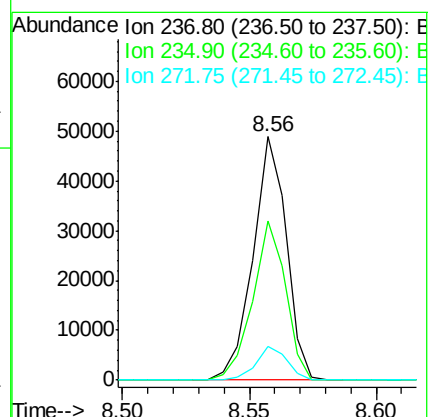
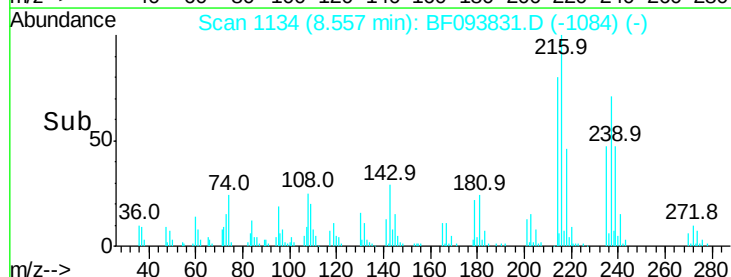
272 13.9 0.0 31.9

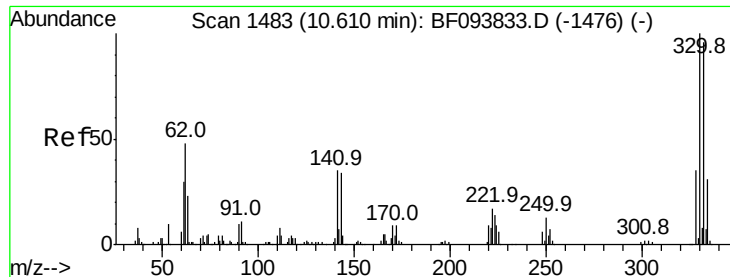


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

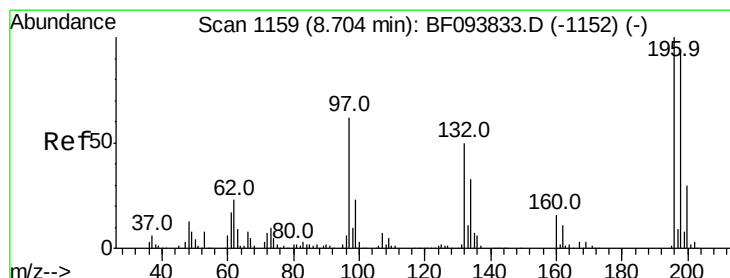
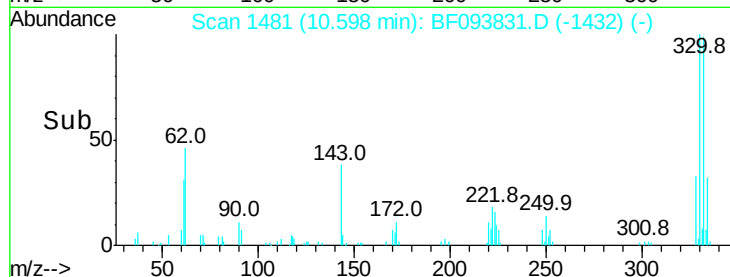
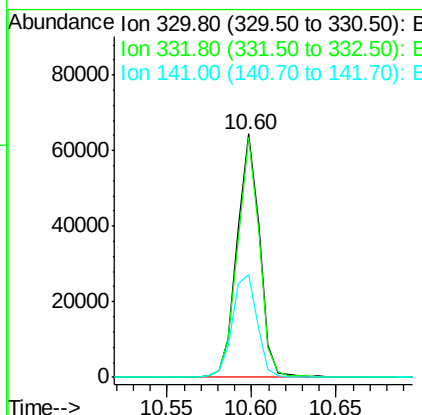
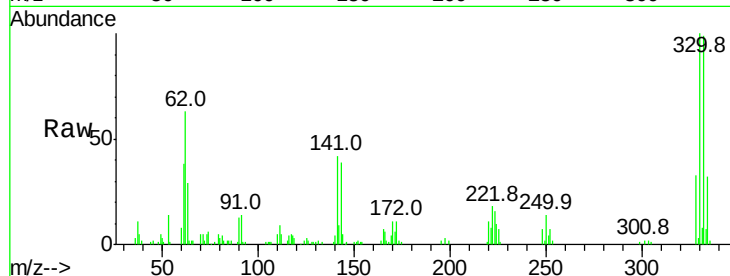




#41
 2,4,6-Tribromophenol
 Concen: 21.90 ng
 RT: 10.60 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF093831.D
 Acq: 22 Mar 2017 14:45

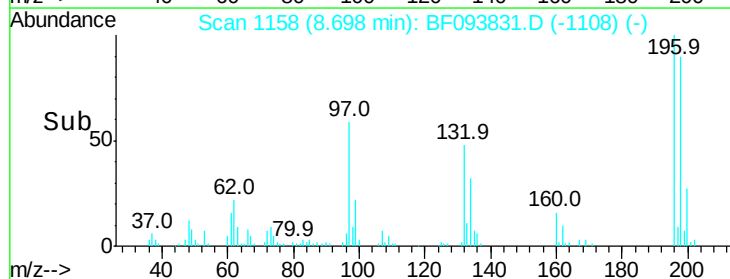
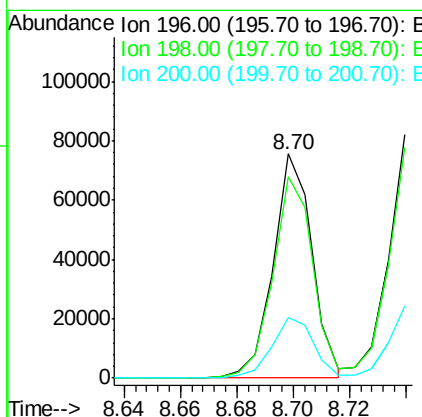
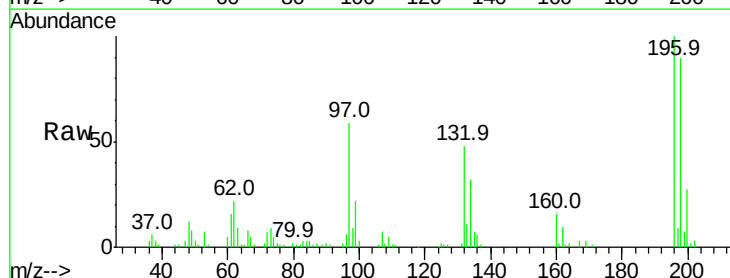
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

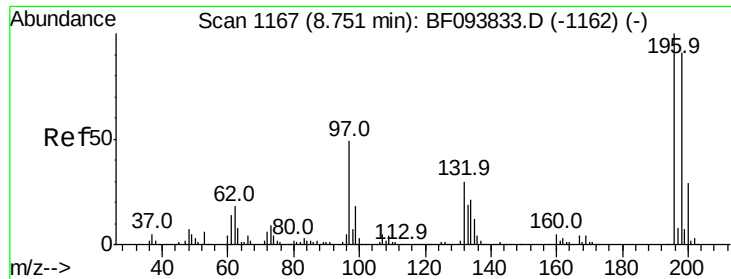
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	46.0	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 10.69 ng
 RT: 8.70 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF093831.D
 Acq: 22 Mar 2017 14:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	89.9	74.2	111.4
200	27.0	24.0	36.0

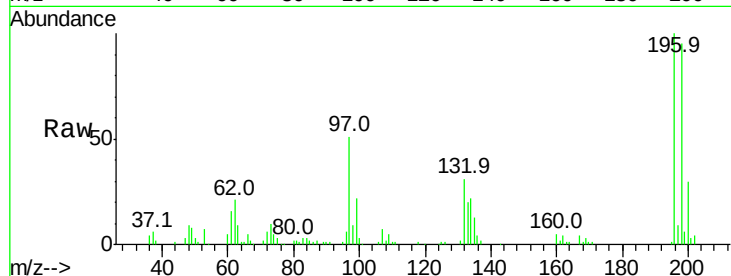




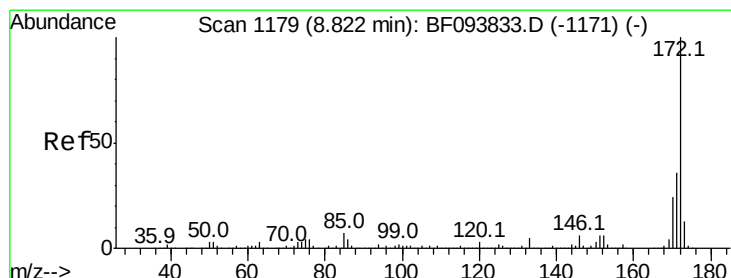
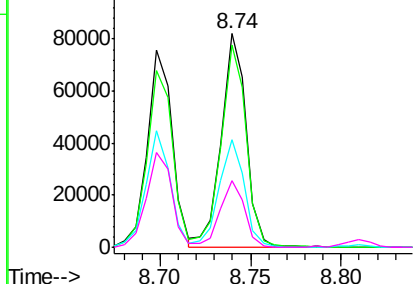
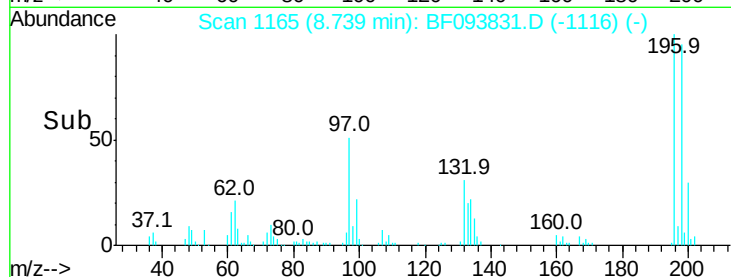
#43
 2,4,5-Trichlorophenol
 Concen: 11.22 ng
 RT: 8.74 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF093831.D
 Acq: 22 Mar 2017 14:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion:196 Resp: 78541
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 97 50.6 47.7 71.5
 132 31.4 28.0 42.0

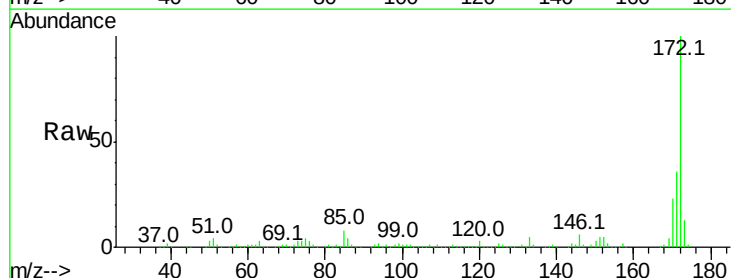


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

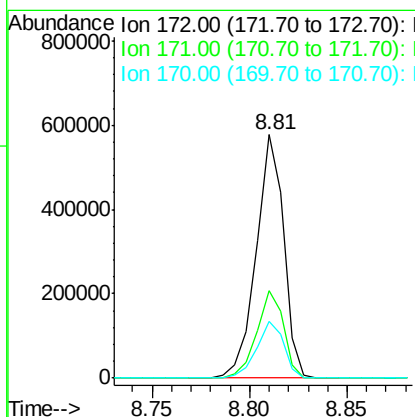
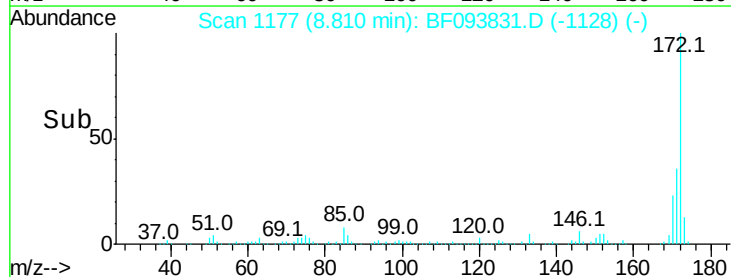


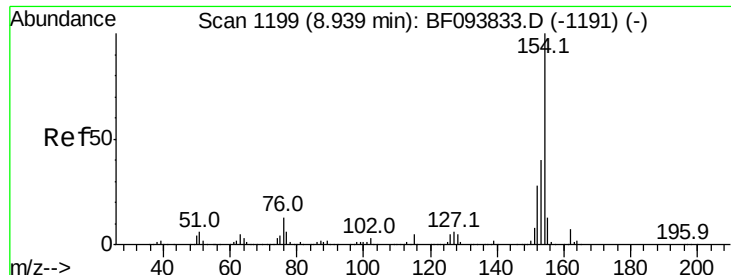
#44
 2-Fluorobiphenyl
 Concen: 26.96 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF093831.D
 Acq: 22 Mar 2017 14:45

Tgt Ion:172 Resp: 562595
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.4 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 11.29 ng

RT: 8.93 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

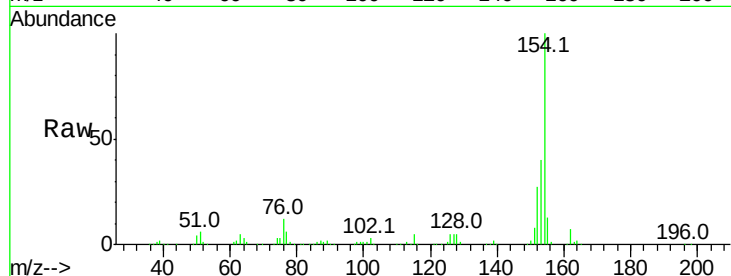
Tot Ion:154 Resp: 321963

Ion Ratio Lower Upper

154 100

153 40.4 21.2 61.2

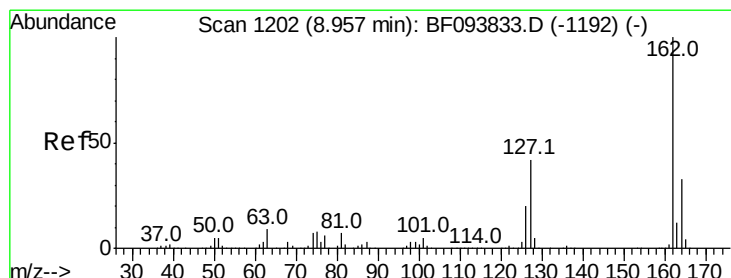
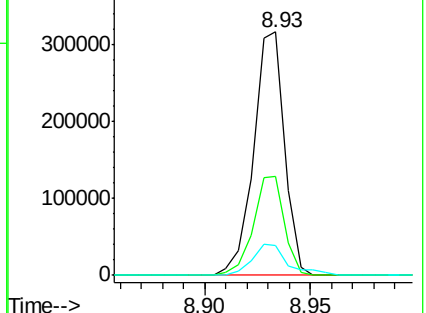
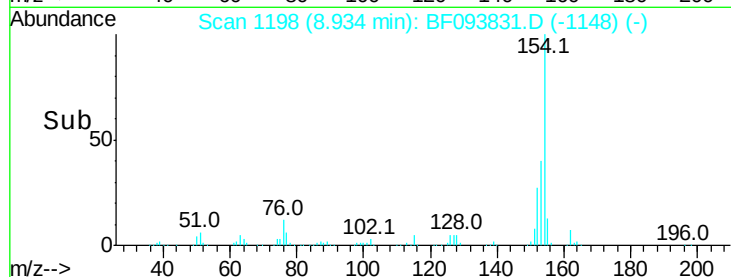
76 12.3 0.0 29.9



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: 11.26 ng

RT: 8.95 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

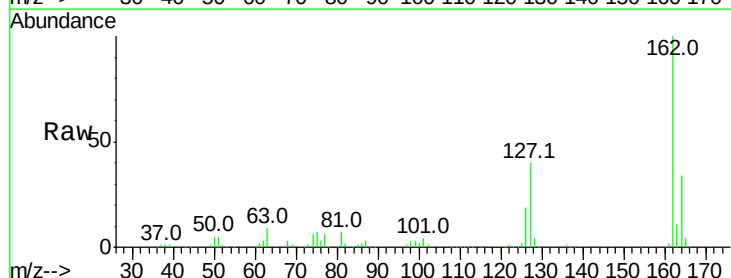
Tgt Ion:162 Resp: 246191

Ion Ratio Lower Upper

162 100

127 39.7 28.3 42.5

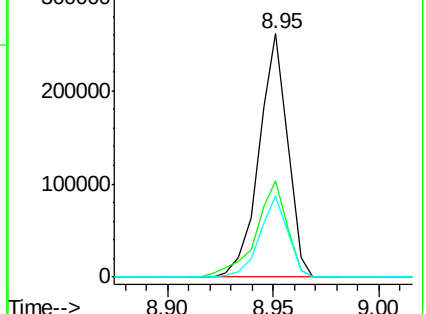
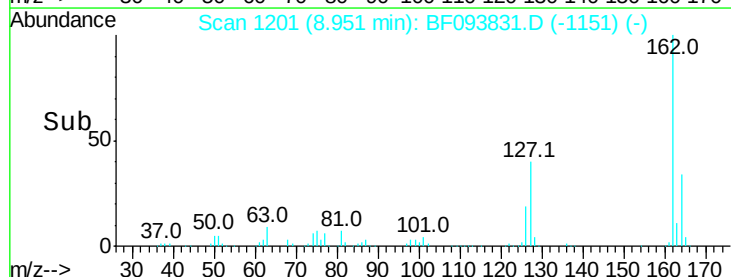
164 33.5 27.0 40.4

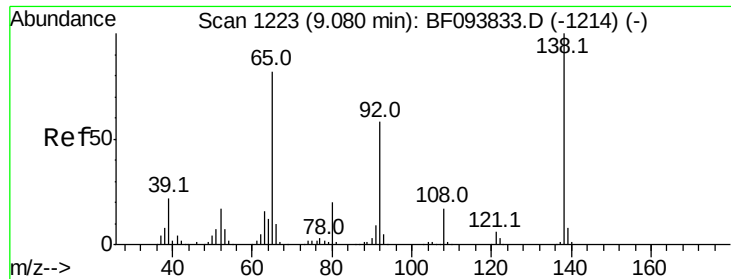


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

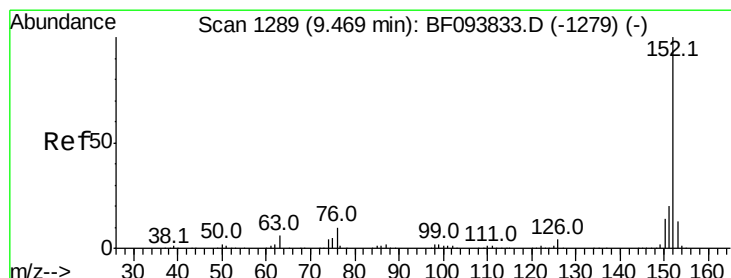
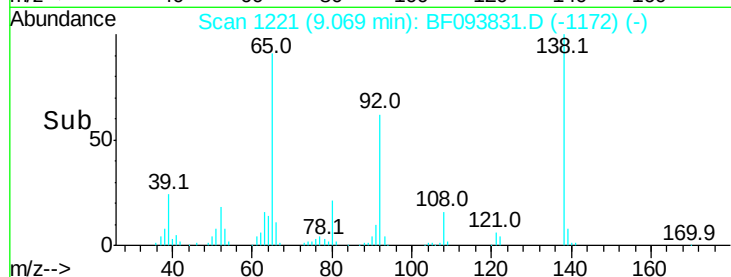
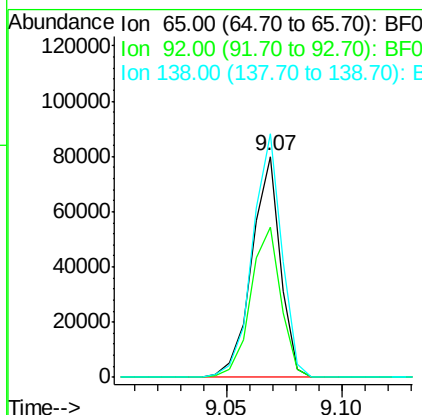
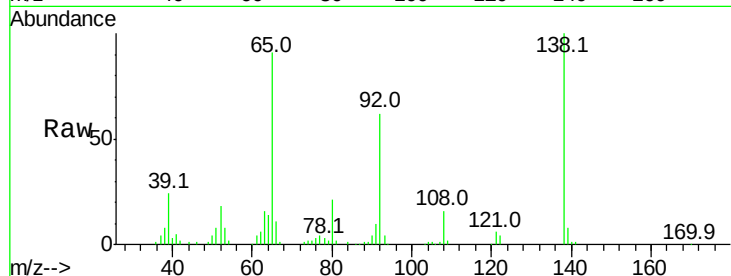




#47
2-Nitroaniline
Concen: 11.37 ng
RT: 9.07 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF093831.D
Acq: 22 Mar 2017 14:45

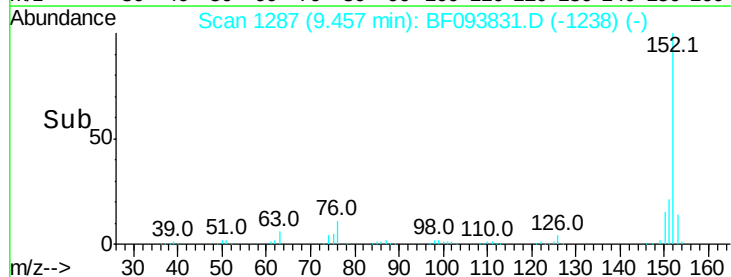
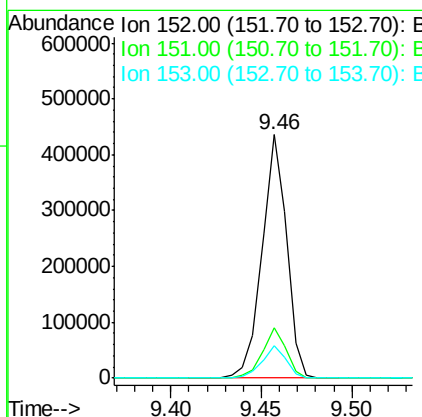
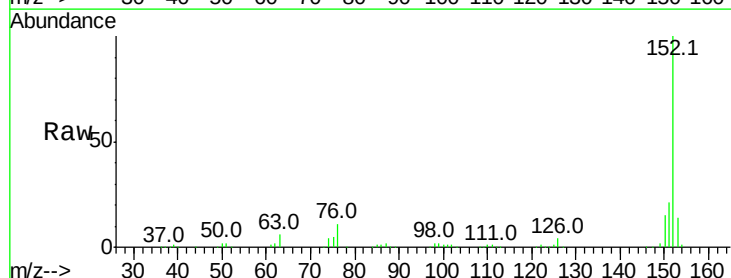
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

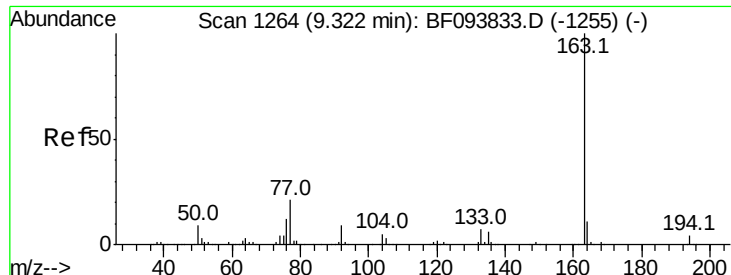
Tot Ion: 65 Resp: 69418
Ion Ratio Lower Upper
65 100
92 67.9 53.9 80.9
138 110.2 78.8 118.2



#48
Acenaphthylene
Concen: 11.54 ng
RT: 9.46 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF093831.D
Acq: 22 Mar 2017 14:45

Tgt Ion: 152 Resp: 410688
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 13.5 10.8 16.2

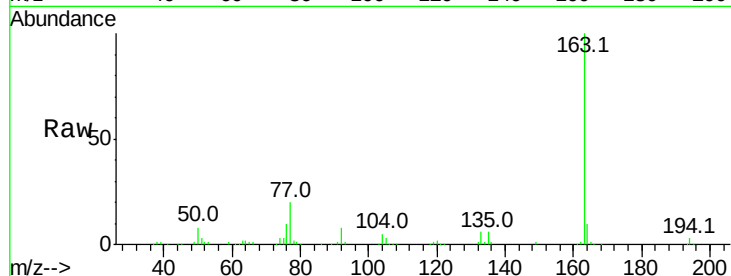




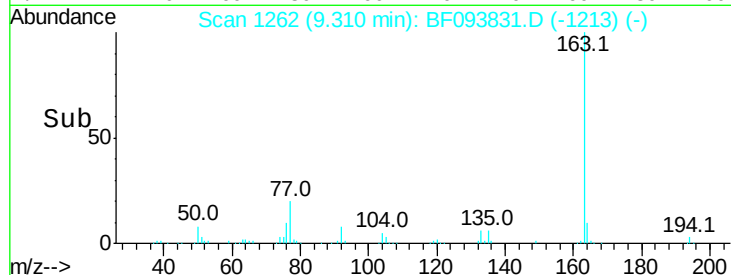
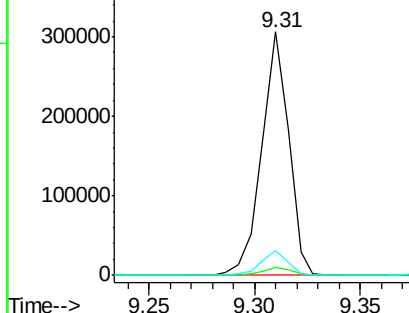
#49
Dimethylphthalate
Concen: 10.97 ng
RT: 9.31 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF093831.D
Acq: 22 Mar 2017 14:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion:163 Resp: 274028
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.9 8.4 12.6

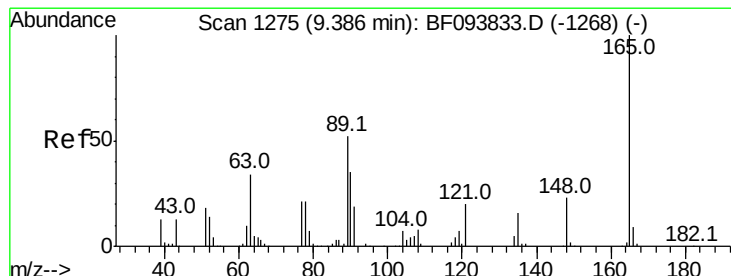


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

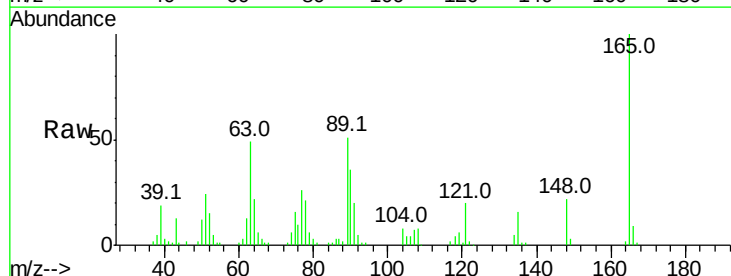
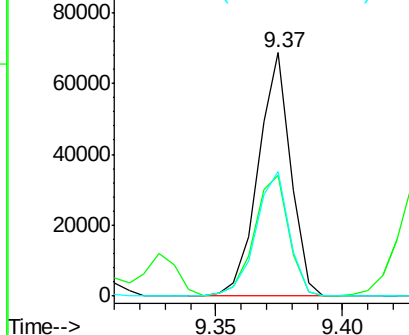


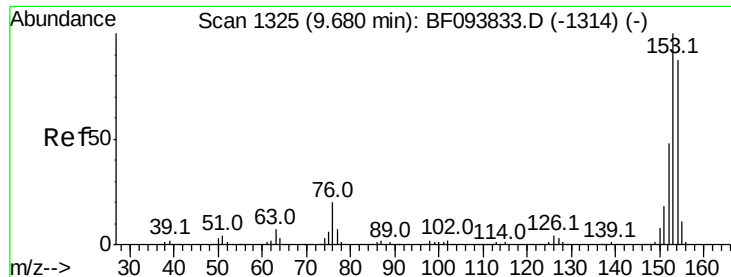
#50
2,6-Dinitrotoluene
Concen: 11.15 ng
RT: 9.37 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF093831.D
Acq: 22 Mar 2017 14:45

Tgt Ion:165 Resp: 61109
Ion Ratio Lower Upper
165 100
63 49.5 34.3 51.5
89 51.3 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: 11.21 ng

RT: 9.67 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

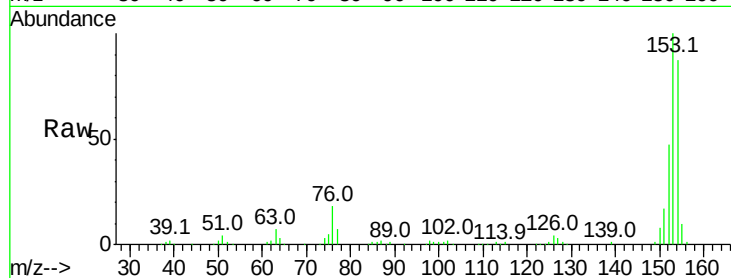
Tot Ion:154 Resp: 238276

Ion Ratio Lower Upper

154 100

153 115.4 90.5 135.7

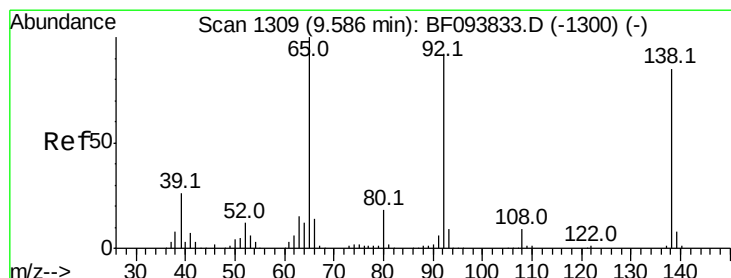
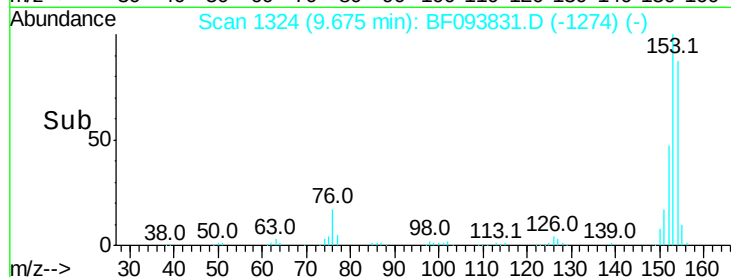
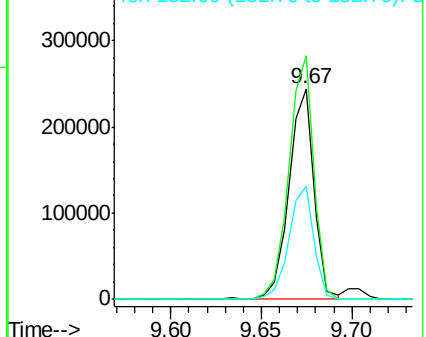
152 53.8 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 10.88 ng

RT: 9.57 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

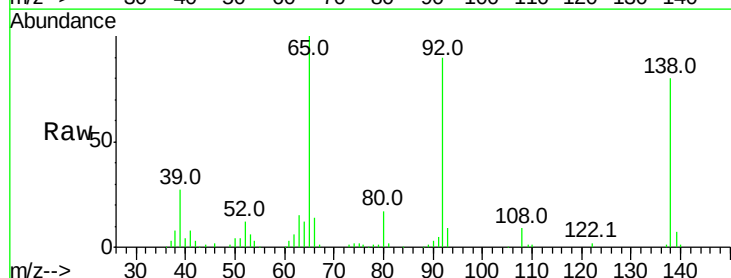
Tgt Ion:138 Resp: 71613

Ion Ratio Lower Upper

138 100

108 11.2 9.1 13.7

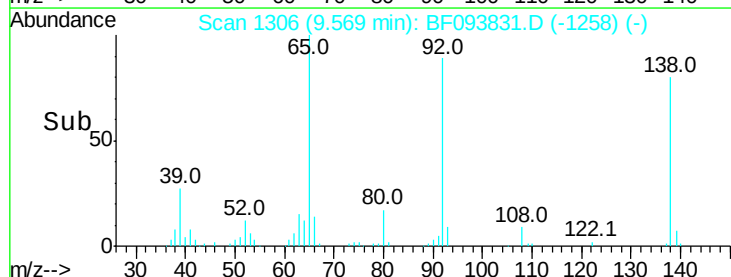
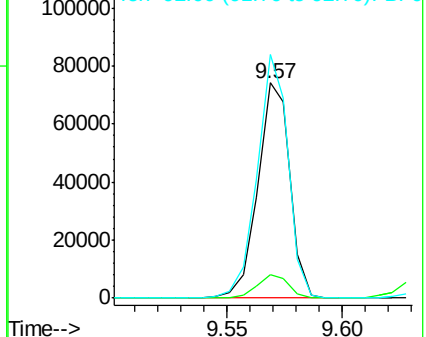
92 113.3 93.8 140.6

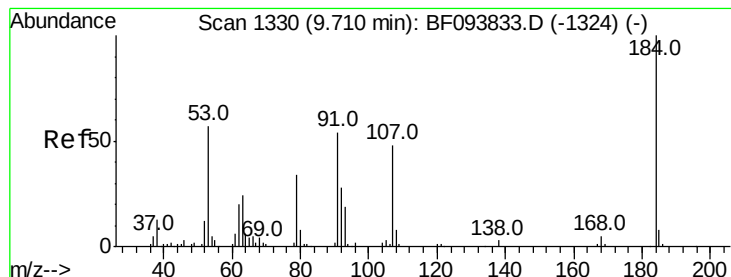


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 9.02 ng

RT: 9.70 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

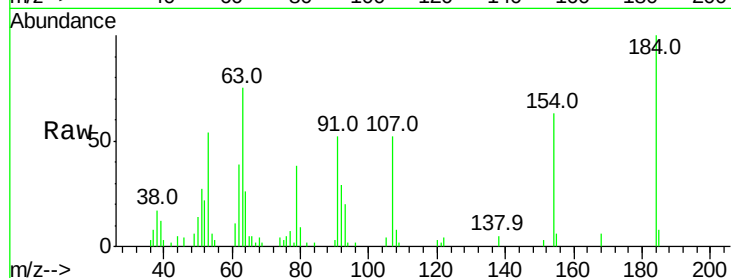
Tot Ion:184 Resp: 19415

Ion Ratio Lower Upper

184 100

63 74.9 62.7 94.1

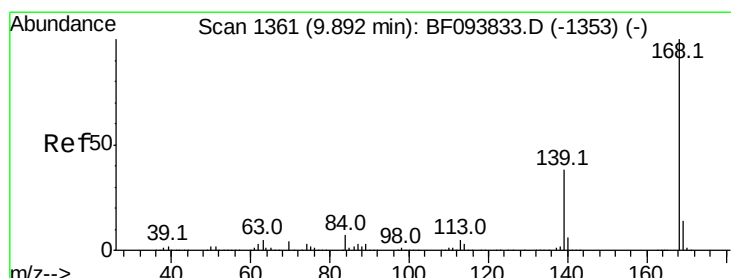
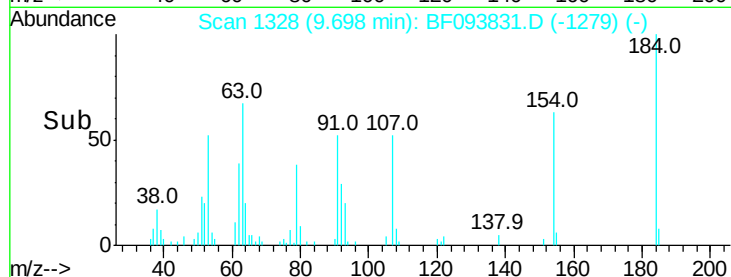
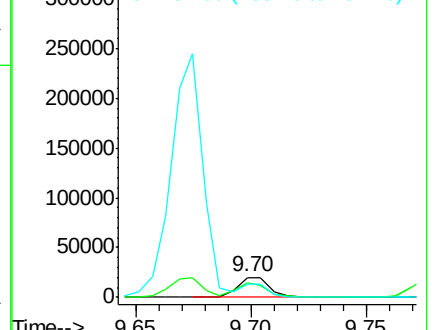
154 63.4 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 11.57 ng

RT: 9.89 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

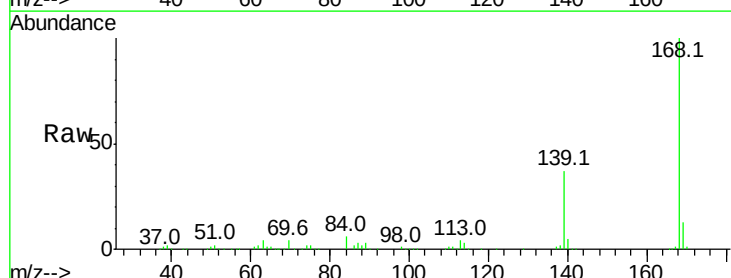
Tgt Ion:168 Resp: 331044

Ion Ratio Lower Upper

168 100

139 37.0 30.6 45.8

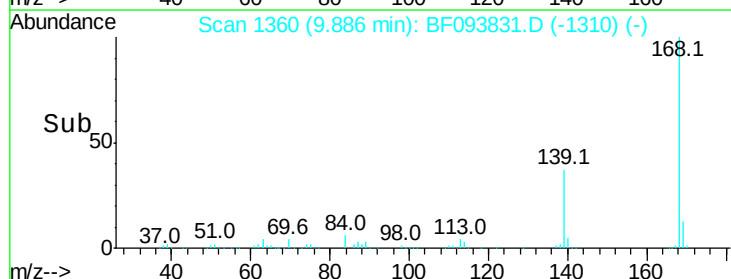
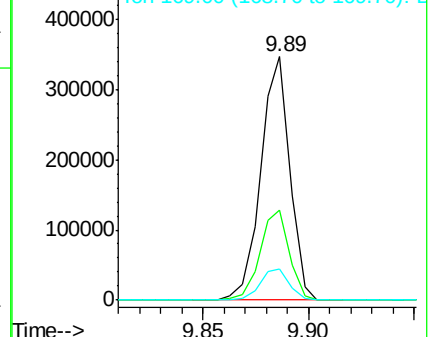
169 12.7 10.8 16.2

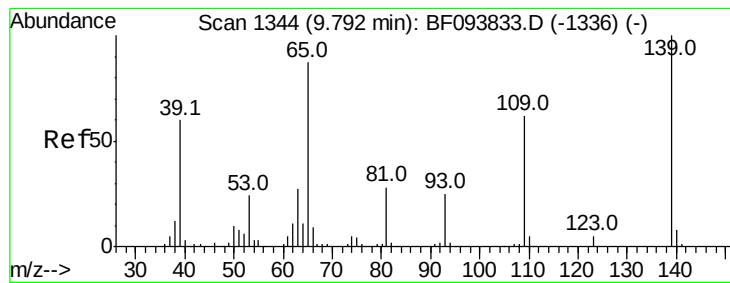


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 10.71 ng

RT: 9.77 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

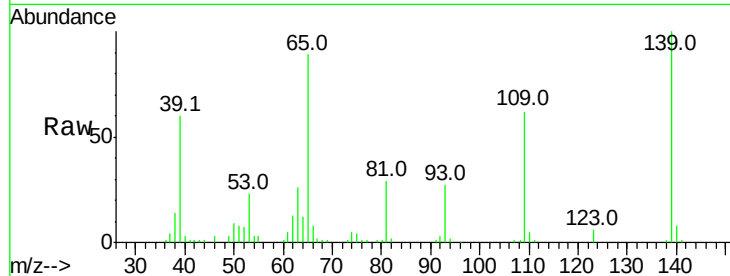
Tot Ion:139 Resp: 52927

Ion Ratio Lower Upper

139 100

109 61.7 34.1 74.1

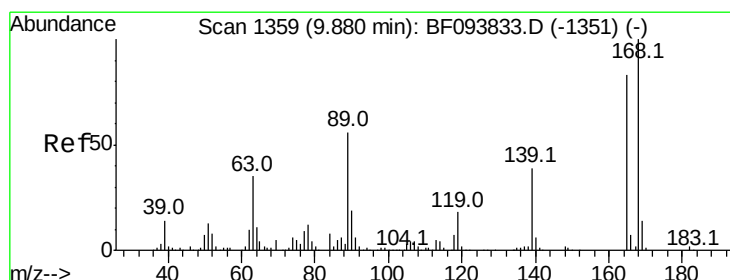
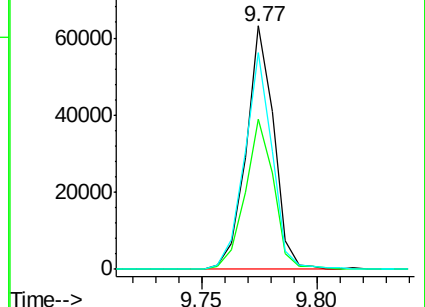
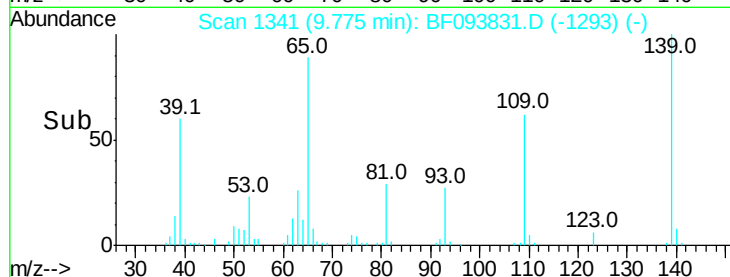
65 88.8 31.4 71.4#



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): E



#56

2,4-Dinitrotoluene

Concen: 11.07 ng

RT: 9.86 min Scan# 1356

Delta R.T. -0.02 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Tgt Ion:165 Resp: 77046

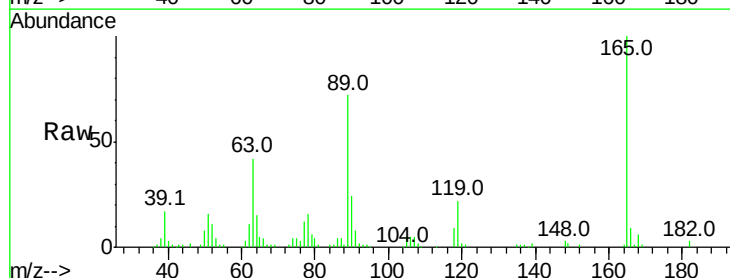
Ion Ratio Lower Upper

165 100

63 42.1 25.4 38.0#

89 72.1 46.4 69.6#

182 2.5 1.8 2.6

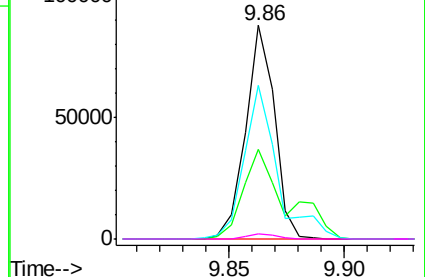
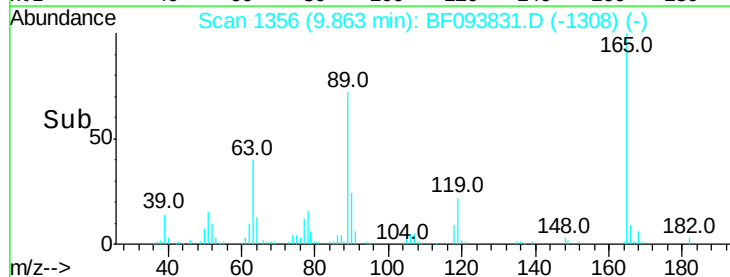


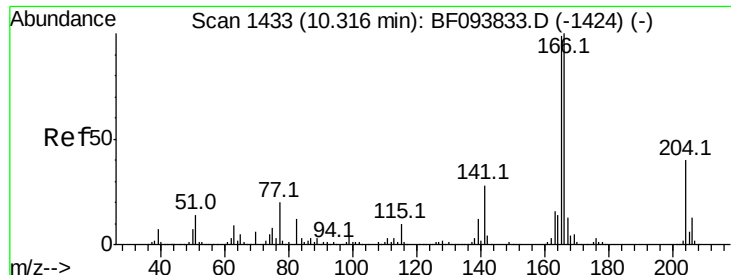
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

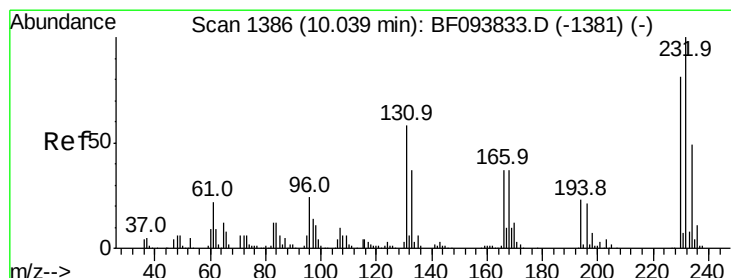
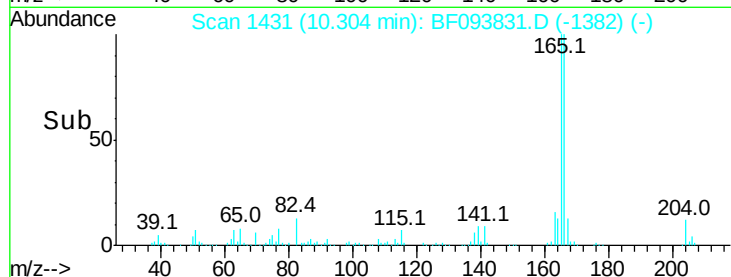
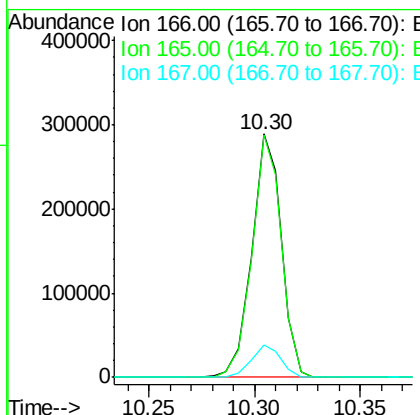
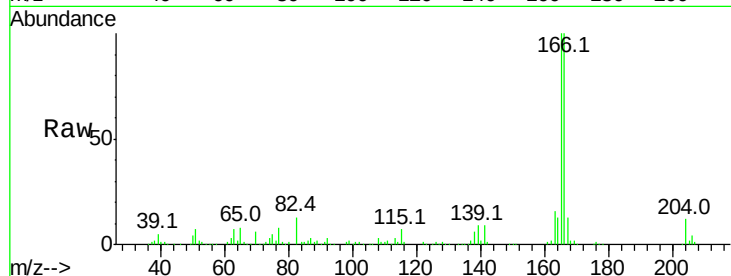




#57
Fluorene
 Concen: 12.80 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF093831.D
 Acq: 22 Mar 2017 14:45

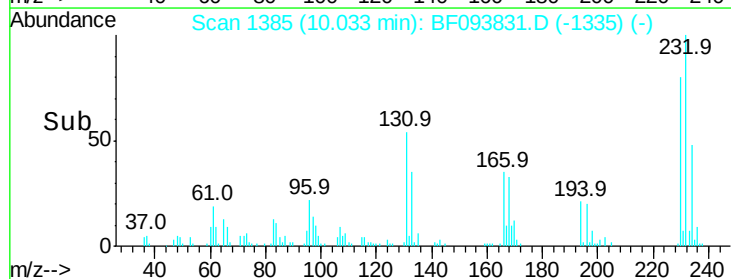
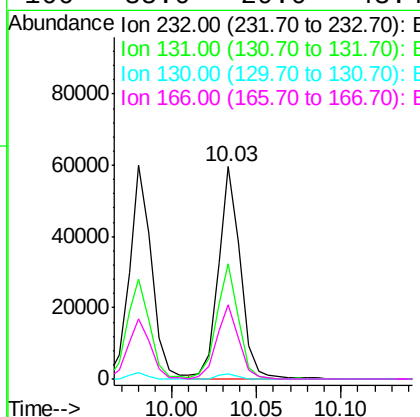
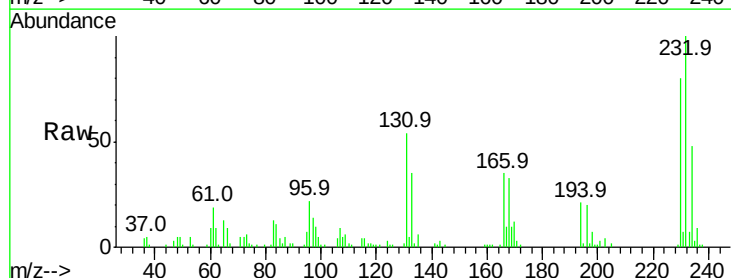
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

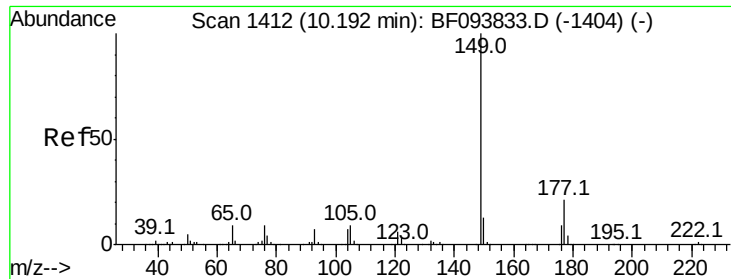
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.8	118.2
167	13.4	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 11.30 ng
 RT: 10.03 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF093831.D
 Acq: 22 Mar 2017 14:45

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.7	44.8	67.2
130	2.2	2.3	3.5
166	35.0	29.0	43.4

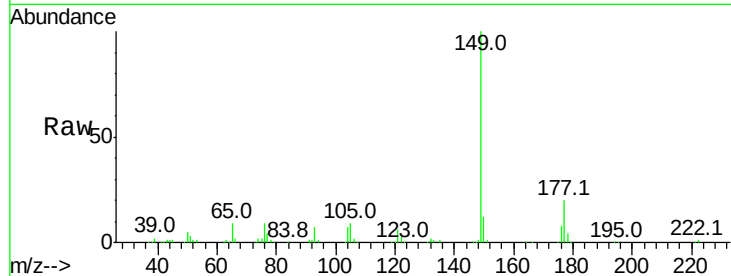




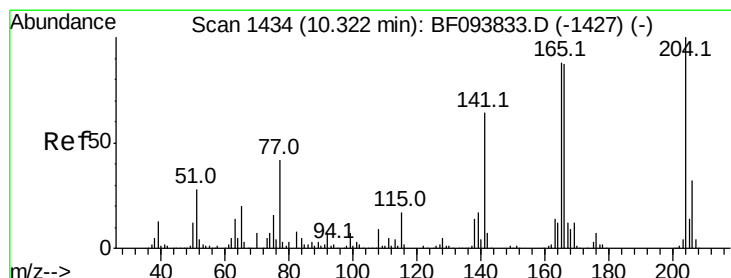
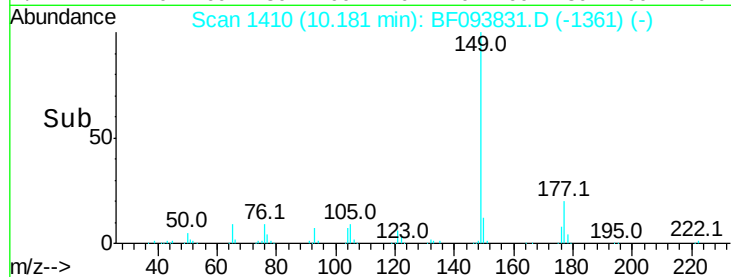
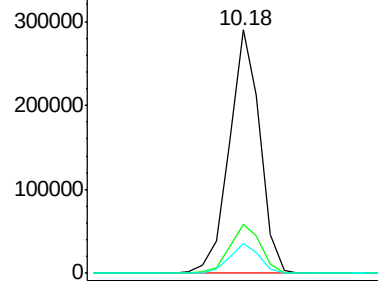
#59
Diethylphthalate
Concen: 10.92 ng
RT: 10.18 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF093831.D
Acq: 22 Mar 2017 14:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion:149 Resp: 265792
Ion Ratio Lower Upper
149 100
177 20.2 16.7 25.1
150 12.3 10.2 15.2

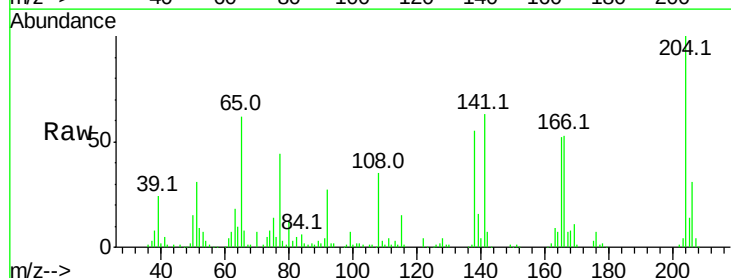


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

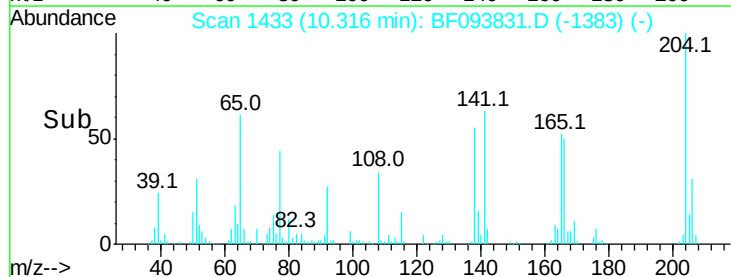
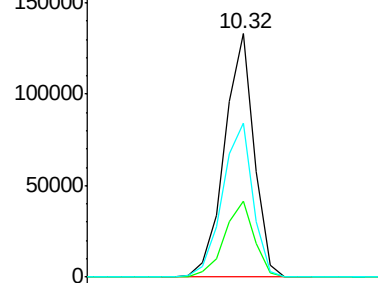


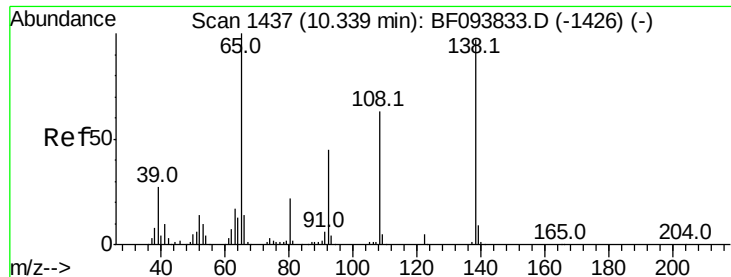
#60
4-Chlorophenyl-phenylether
Concen: 12.91 ng
RT: 10.32 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF093831.D
Acq: 22 Mar 2017 14:45

Tgt Ion:204 Resp: 119169
Ion Ratio Lower Upper
204 100
206 31.0 26.2 39.2
141 63.4 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

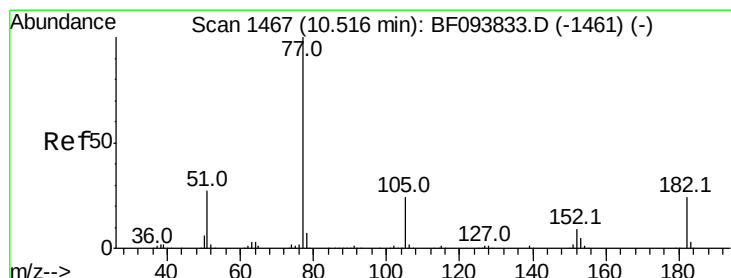
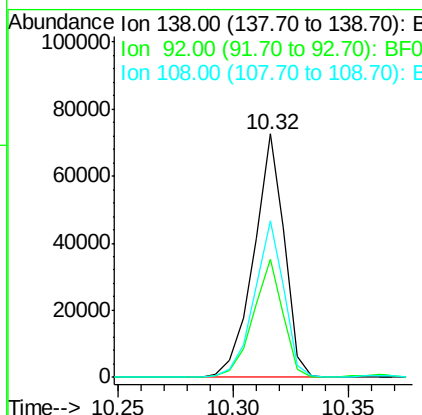
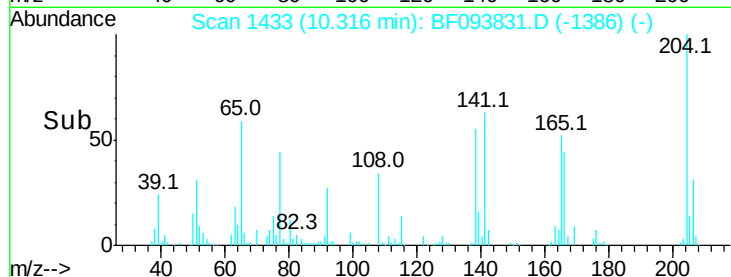
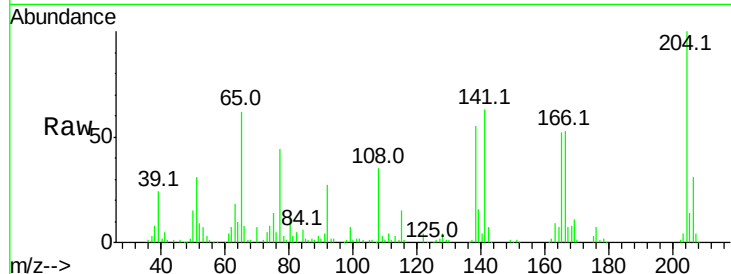




#61
4-Nitroaniline
Concen: 11.35 ng
RT: 10.32 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF093831.D
Acq: 22 Mar 2017 14:45

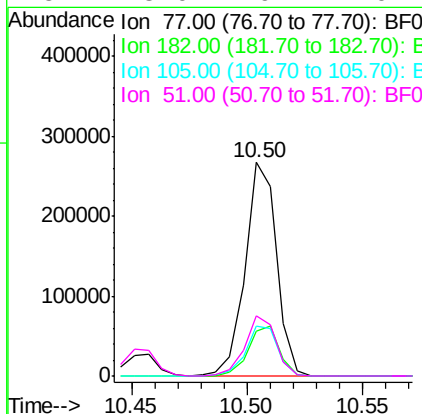
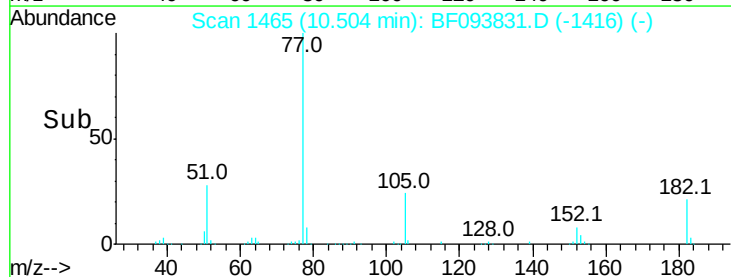
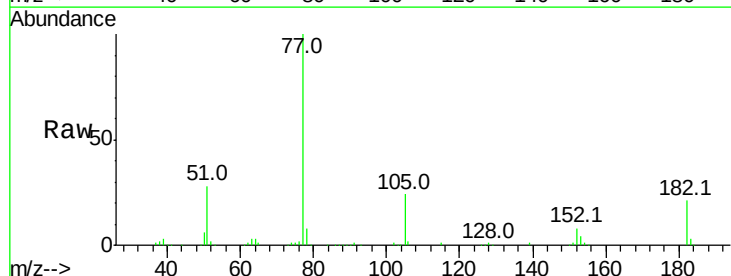
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

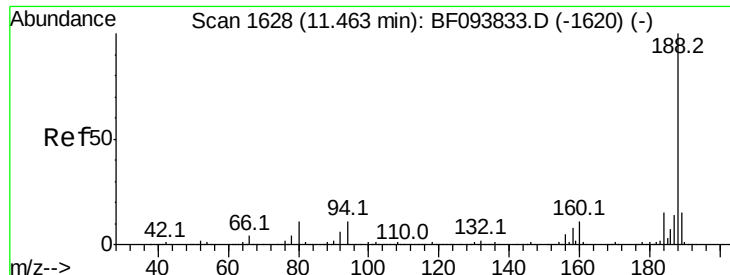
Tot Ion:138 Resp: 66830
Ion Ratio Lower Upper
138 100
92 48.7 21.8 61.8
108 64.2 42.3 82.3



#62
Azobenzene
Concen: 10.56 ng
RT: 10.50 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF093831.D
Acq: 22 Mar 2017 14:45

Tgt Ion: 77 Resp: 254163
Ion Ratio Lower Upper
77 100
182 21.0 0.1 40.1
105 23.6 3.6 43.6
51 28.0 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

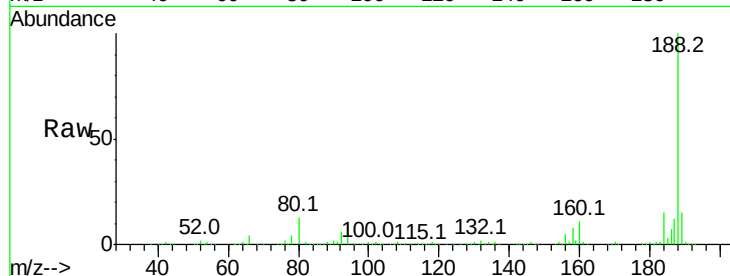
Tot Ion:188 Resp: 614164

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.2

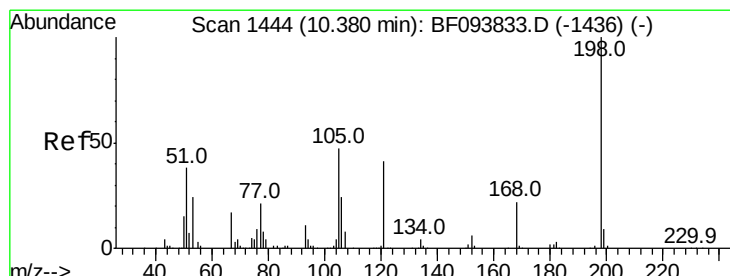
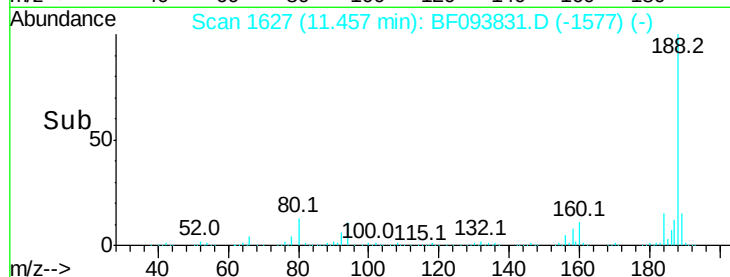
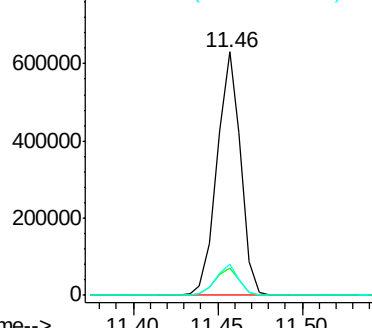
80 12.8 10.2 15.2



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: 8.49 ng

RT: 10.36 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

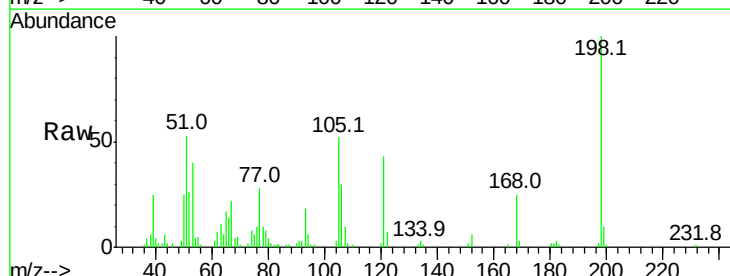
Tgt Ion:198 Resp: 30199

Ion Ratio Lower Upper

198 100

51 53.1 53.2 93.2#

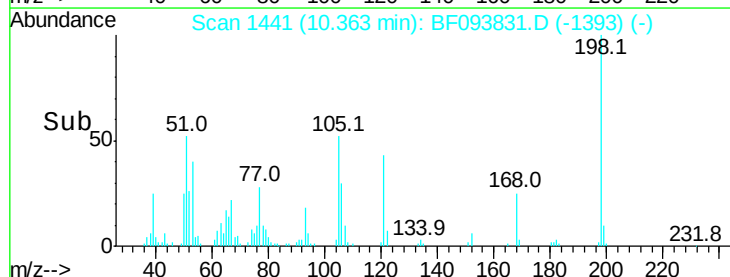
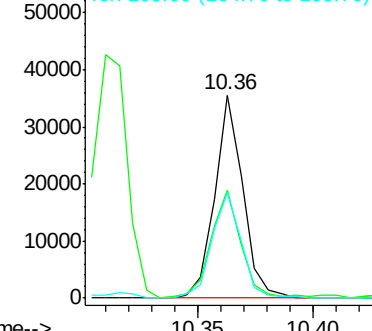
105 51.6 45.8 85.8

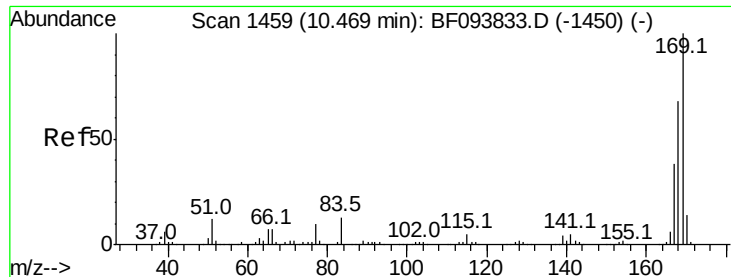


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

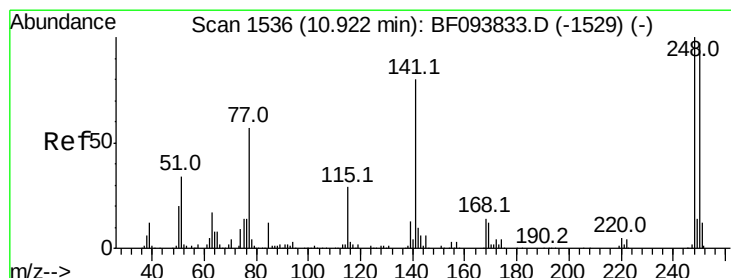
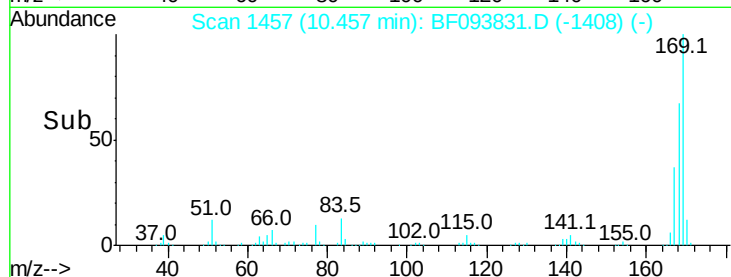
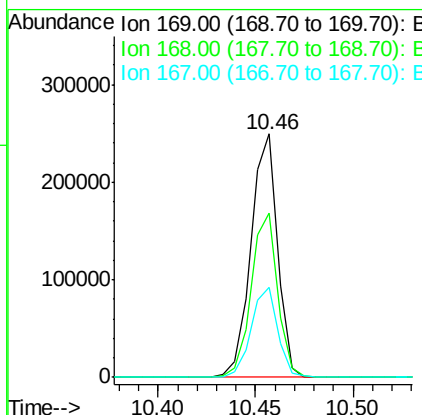
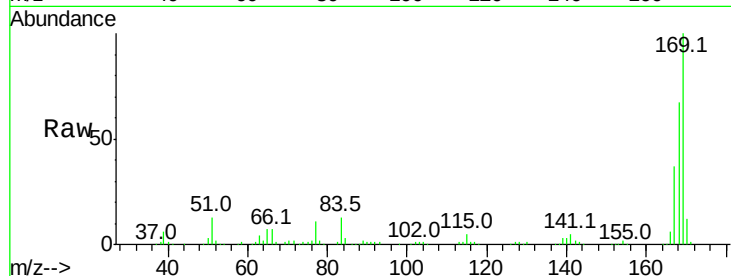




#65
 n-Nitrosodiphenylamine
 Concen: 11.50 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF093831.D
 Acq: 22 Mar 2017 14:45

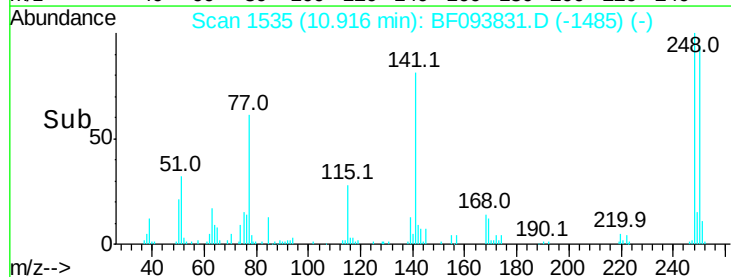
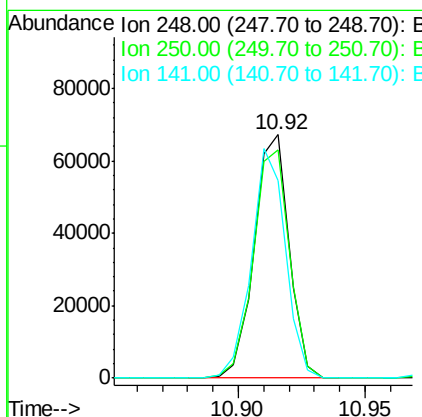
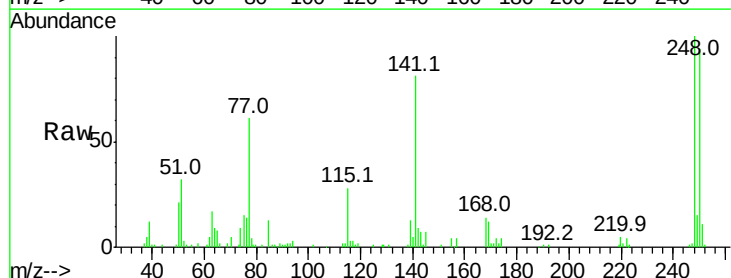
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

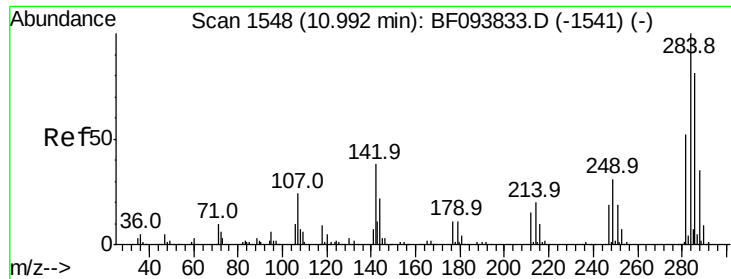
Tot Ion:169 Resp: 235362
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.2 79.8
 167 37.1 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 10.96 ng
 RT: 10.92 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BF093831.D
 Acq: 22 Mar 2017 14:45

Tgt Ion:248 Resp: 64805
 Ion Ratio Lower Upper
 248 100
 250 93.6 76.8 115.2
 141 81.4 68.6 103.0





#67

Hexachlorobenzene

Concen: 10.87 ng

RT: 10.99 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

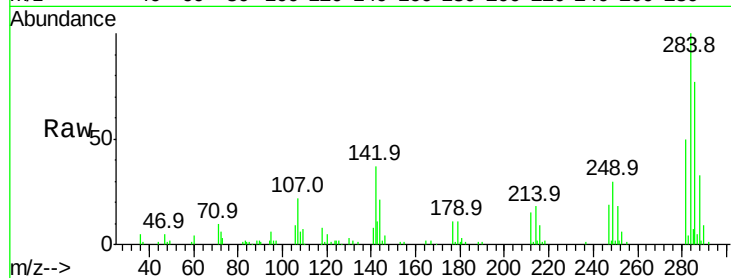
Tot Ion:284 Resp: 66275

Ion Ratio Lower Upper

284 100

142 37.3 22.8 34.2#

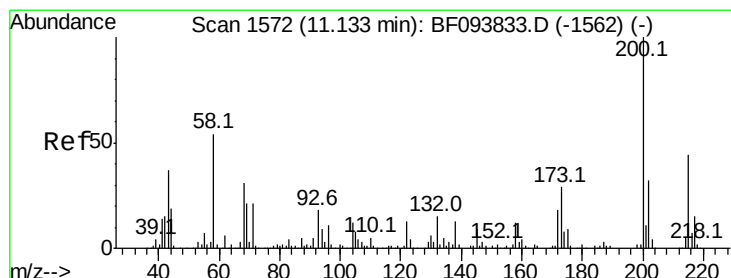
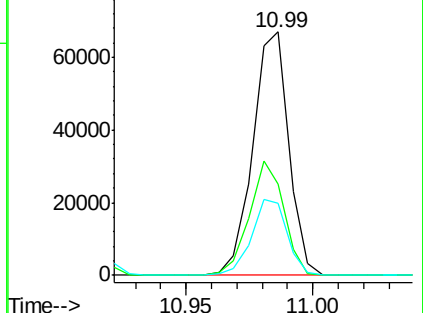
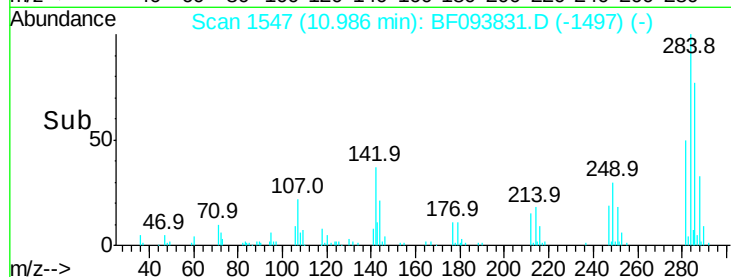
249 29.9 24.0 36.0



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: 11.17 ng

RT: 11.12 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

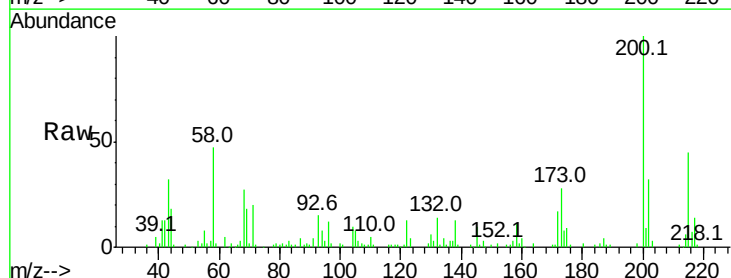
Tgt Ion:200 Resp: 70233

Ion Ratio Lower Upper

200 100

173 27.8 6.3 46.3

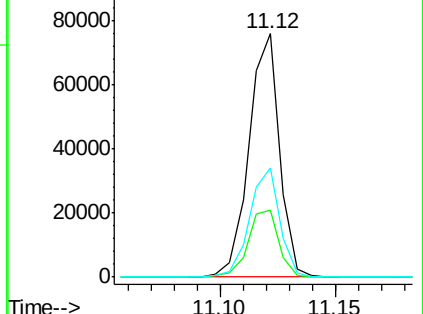
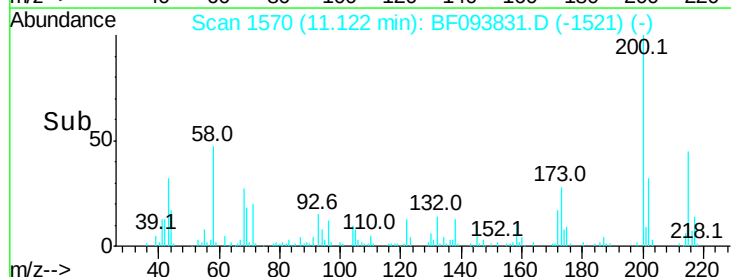
215 44.9 27.2 67.2

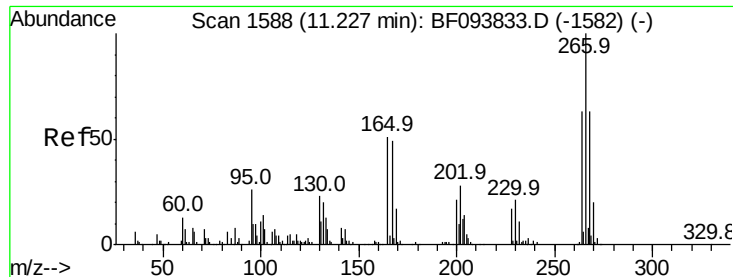


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

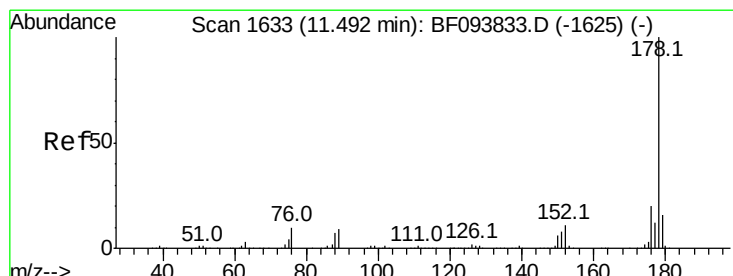
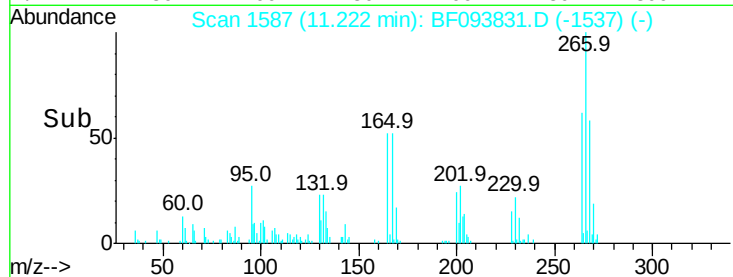
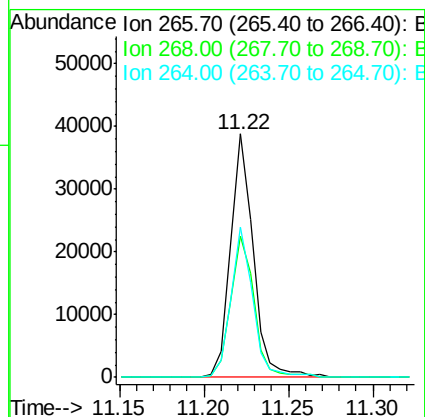
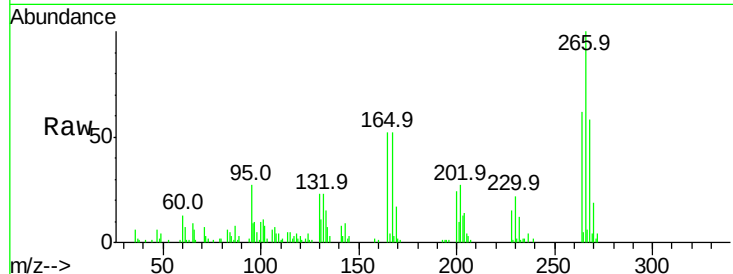




#69
 Pentachlorophenol
 Concen: 10.14 ng
 RT: 11.22 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF093831.D
 Acq: 22 Mar 2017 14:45

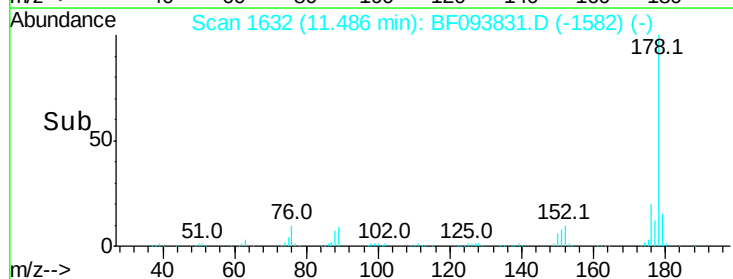
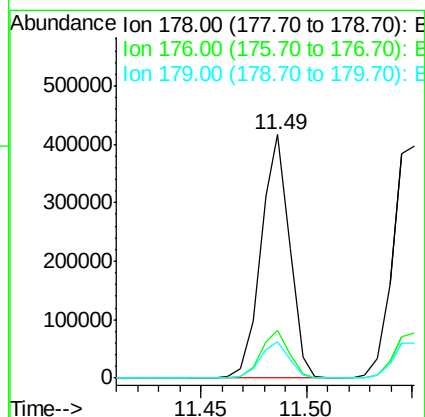
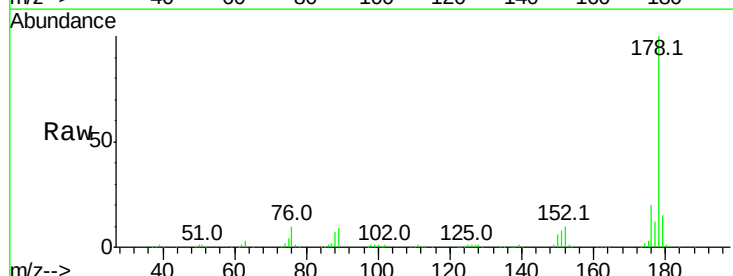
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

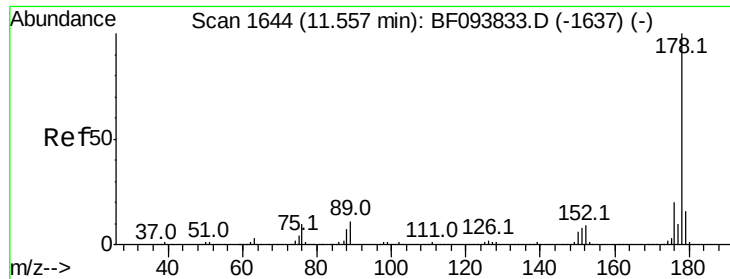
Tot Ion	Ratio	Lower	Upper
266	100		
268	58.0	51.1	76.7
264	61.9	51.7	77.5



#70
 Phenanthrene
 Concen: 11.90 ng
 RT: 11.49 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BF093831.D
 Acq: 22 Mar 2017 14:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.1	12.6	19.0

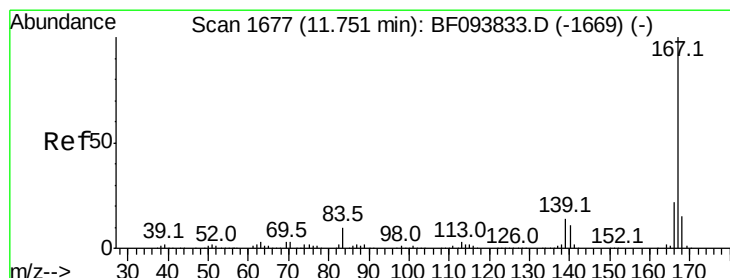
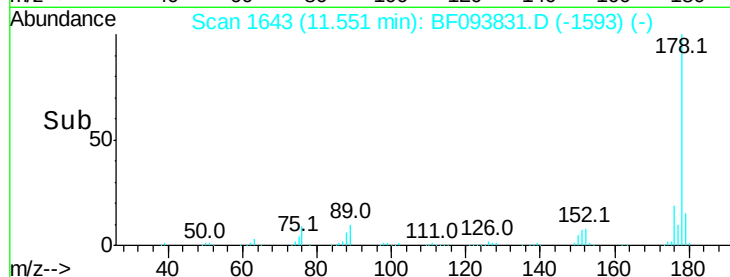
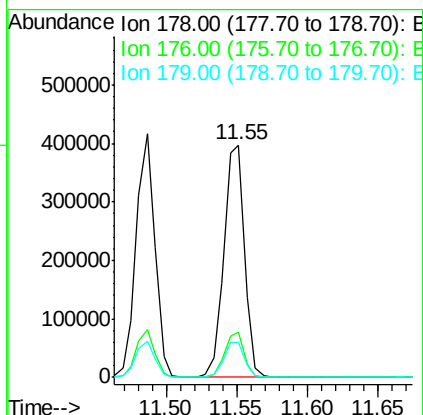
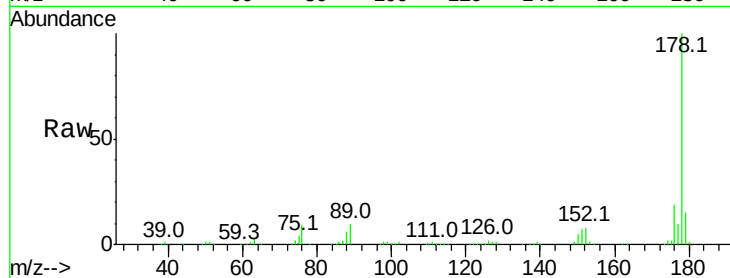




#71
 Anthracene
 Concen: 11.91 ng
 RT: 11.55 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BF093831.D
 Acq: 22 Mar 2017 14:45

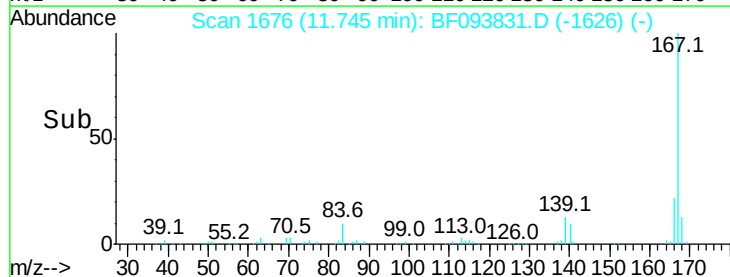
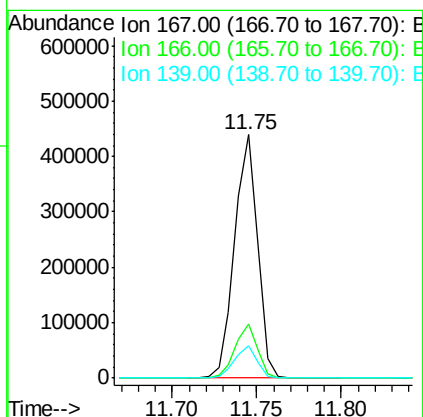
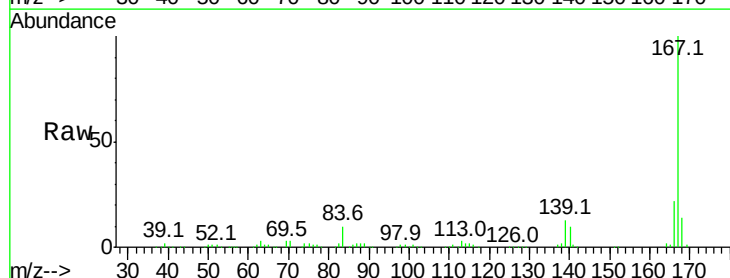
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

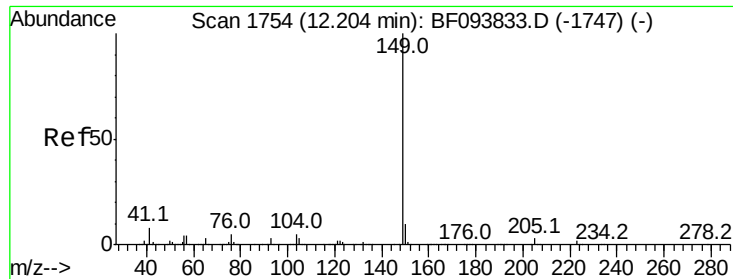
Tot Ion:178 Resp: 401012
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 12.39 ng
 RT: 11.75 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF093831.D
 Acq: 22 Mar 2017 14:45

Tgt Ion:167 Resp: 412925
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.1 11.7 17.5

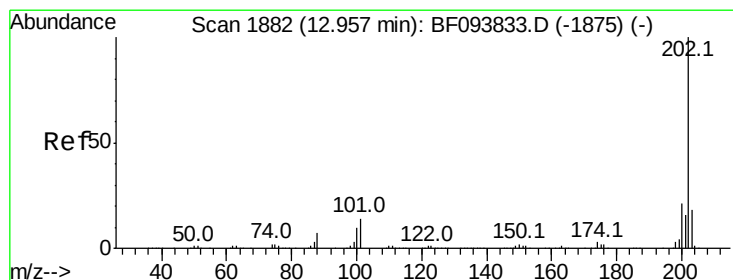
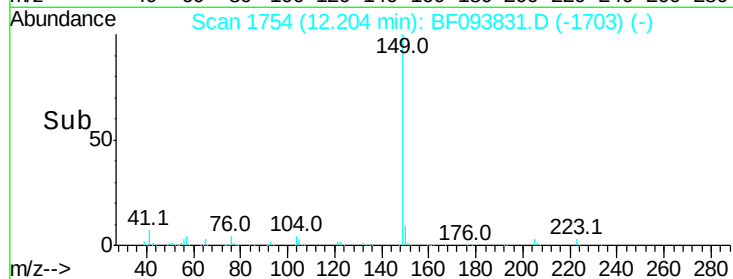
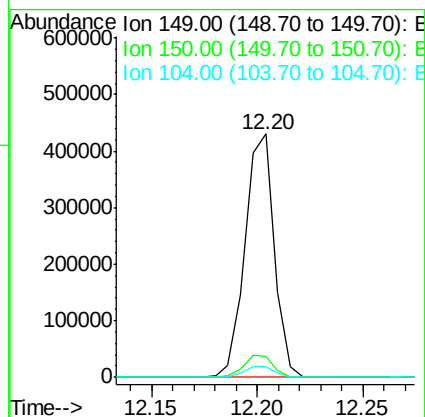
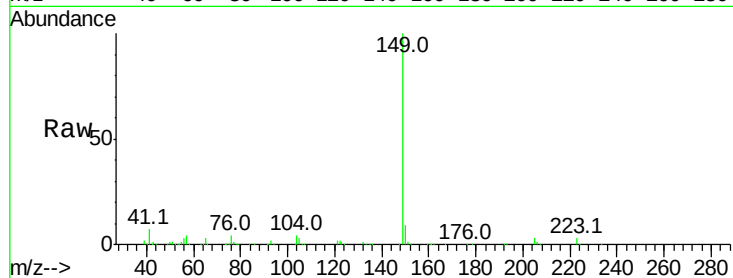




#73
Di-n-butylphthalate
Concen: 11.49 ng
RT: 12.20 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BF093831.D
Acq: 22 Mar 2017 14:45

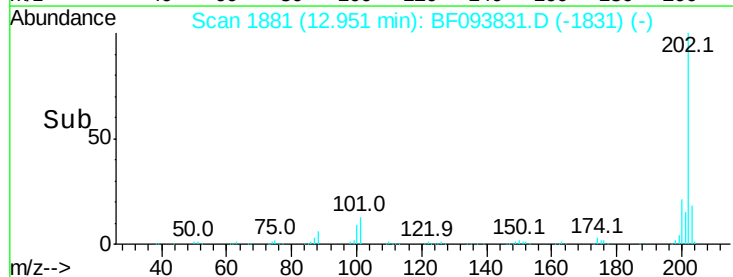
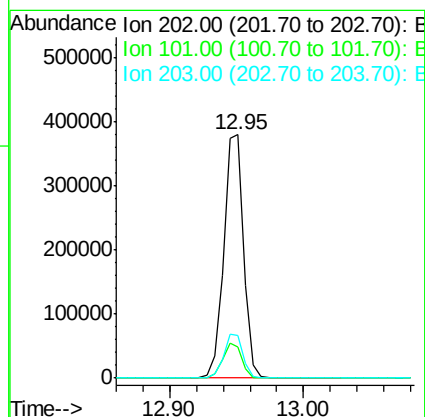
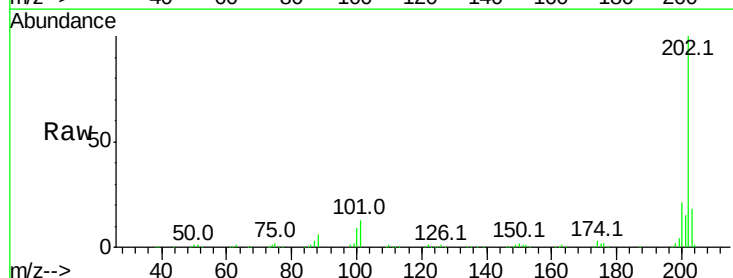
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

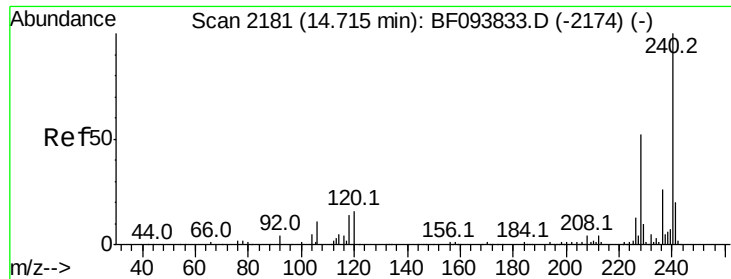
Tot Ion:149 Resp: 412260
Ion Ratio Lower Upper
149 100
150 8.7 7.7 11.5
104 4.2 4.0 6.0



#74
Fluoranthene
Concen: 11.83 ng
RT: 12.95 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BF093831.D
Acq: 22 Mar 2017 14:45

Tgt Ion:202 Resp: 397786
Ion Ratio Lower Upper
202 100
101 12.7 0.0 33.2
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.71 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

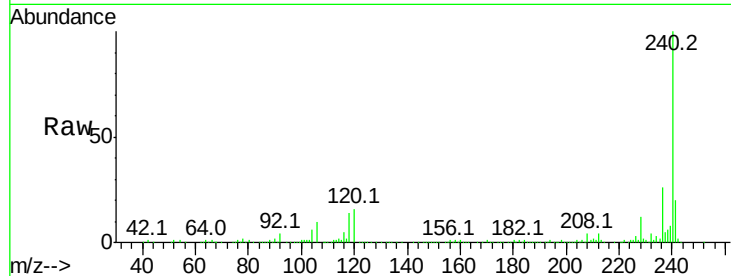
Tot Ion:240 Resp: 544503

Ion Ratio Lower Upper

240 100

120 15.8 5.8 8.8#

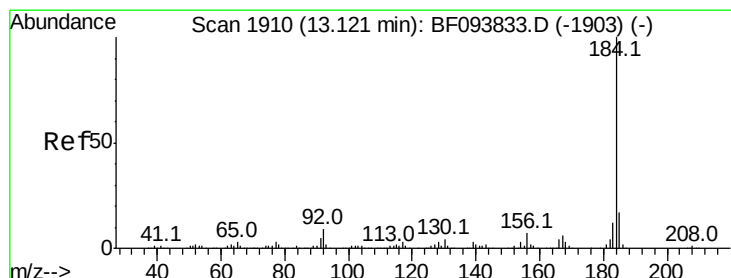
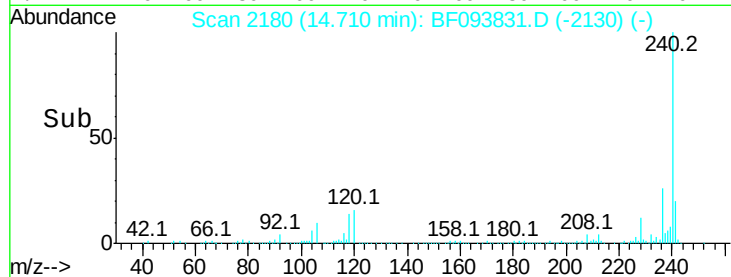
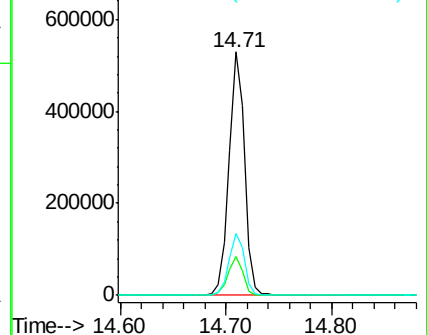
236 25.5 20.5 30.7



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: 10.08 ng

RT: 13.12 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

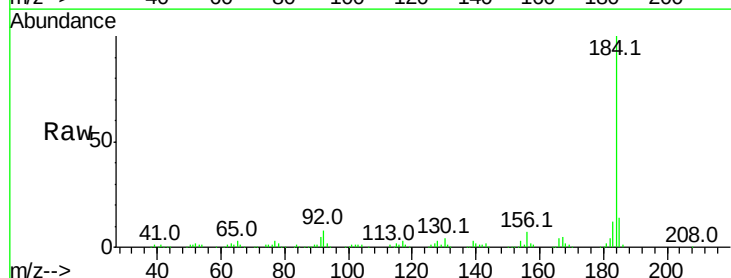
Tgt Ion:184 Resp: 240830

Ion Ratio Lower Upper

184 100

185 14.4 15.5 23.3#

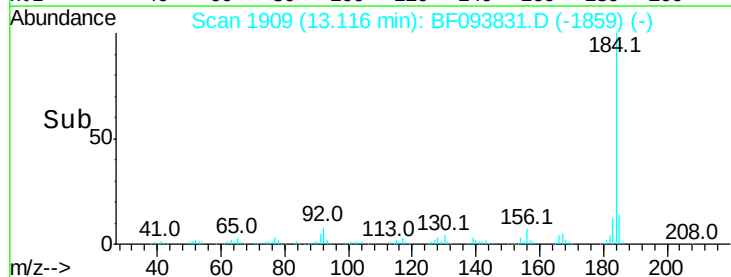
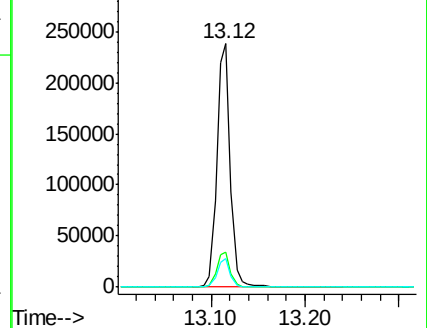
183 11.9 9.8 14.6

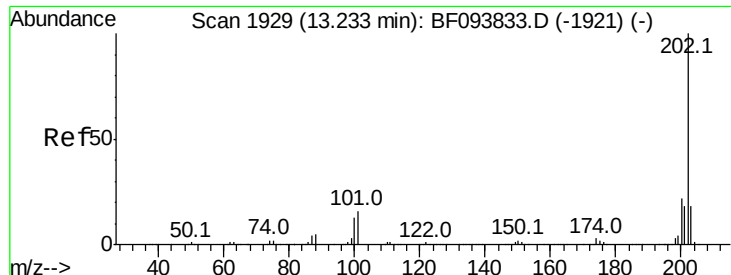


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

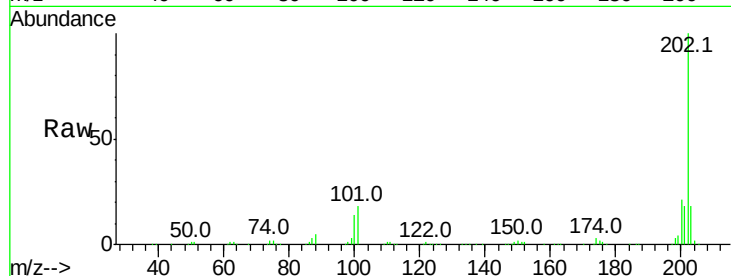




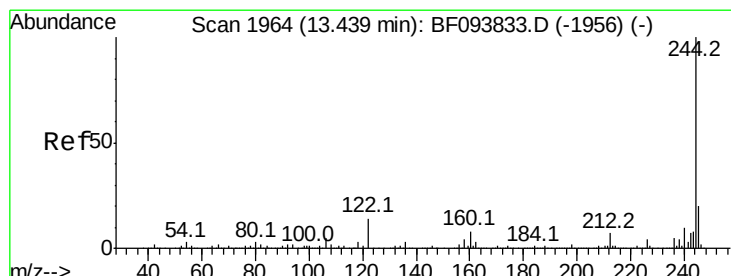
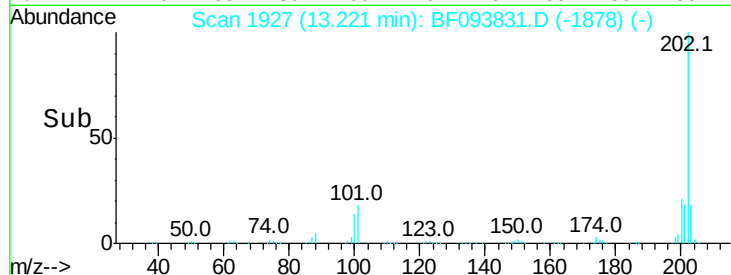
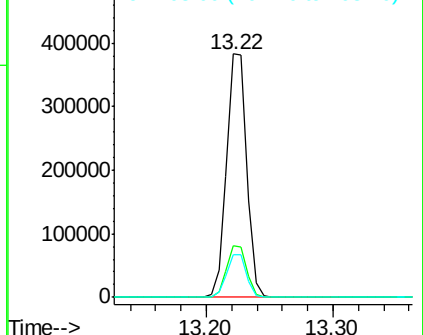
#77
Pvrene
Concen: 9.23 ng
RT: 13.22 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BF093831.D
Acq: 22 Mar 2017 14:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion:202 Resp: 418123
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 17.8 14.4 21.6

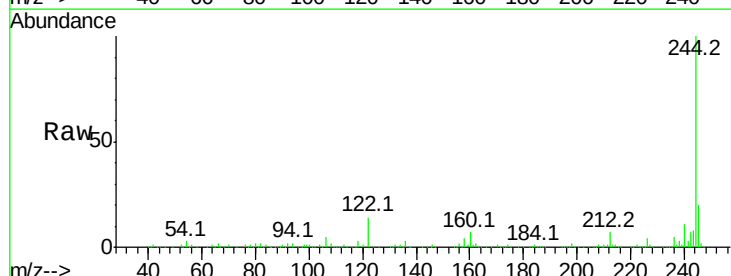


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

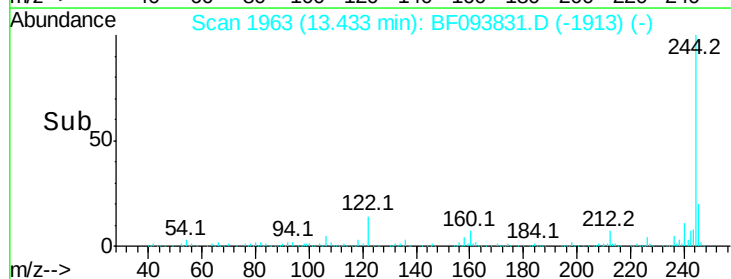
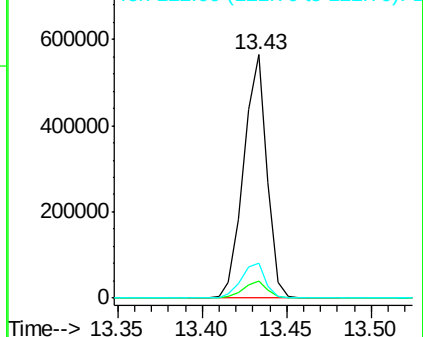


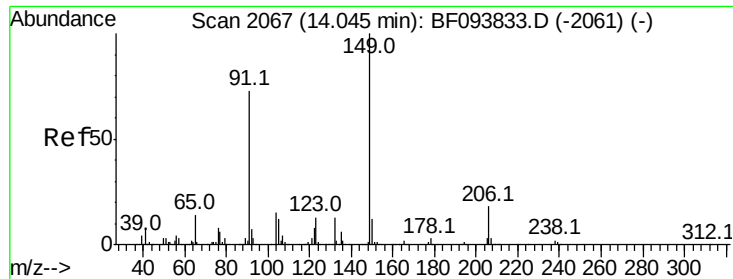
#78
Terphenyl-d14
Concen: 20.32 ng
RT: 13.43 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BF093831.D
Acq: 22 Mar 2017 14:45

Tgt Ion:244 Resp: 542675
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 14.3 10.3 15.5



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

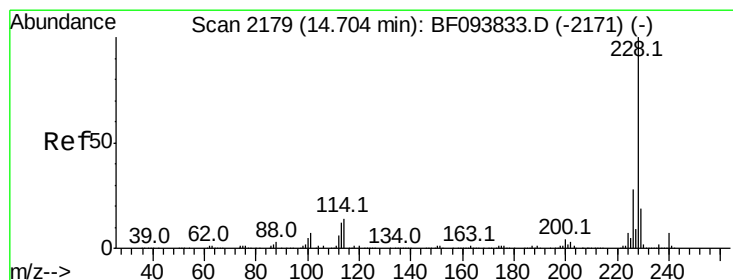
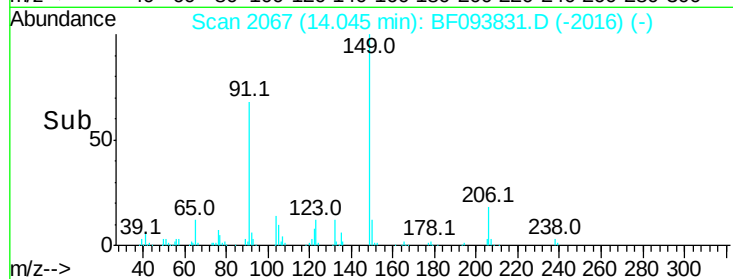
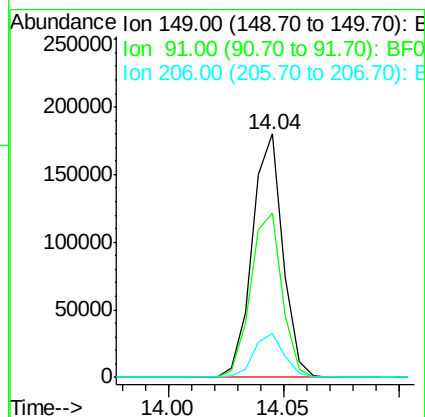
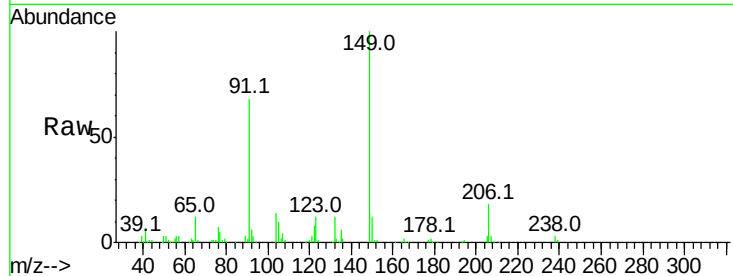




#79
Butylbenzylphthalate
Concen: 8.22 ng
RT: 14.04 min Scan# 2067
Delta R.T. 0.00 min
Lab File: BF093831.D
Acq: 22 Mar 2017 14:45

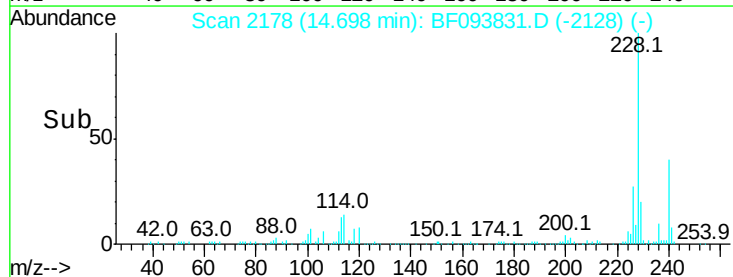
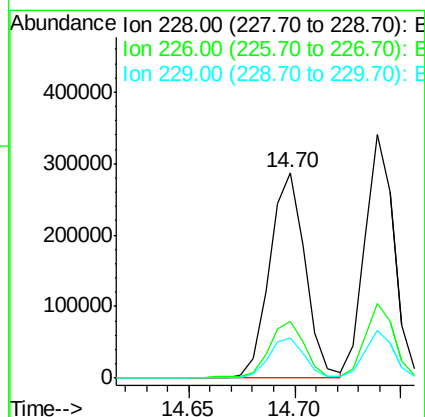
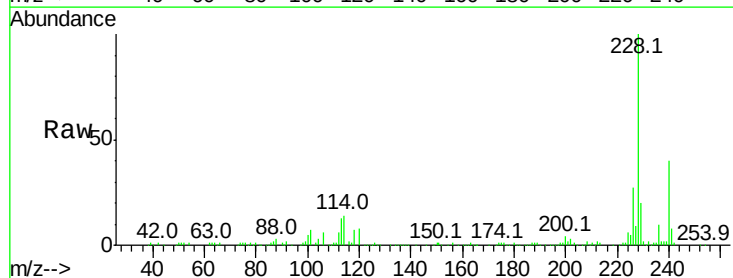
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

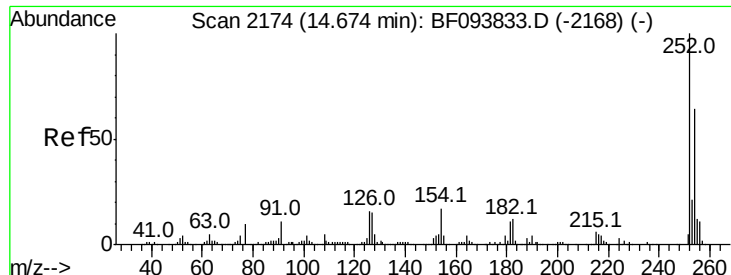
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.7	45.0	67.4#
206	18.1	17.0	25.6



#80
Benzo(a)anthracene
Concen: 9.89 ng
RT: 14.70 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF093831.D
Acq: 22 Mar 2017 14:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.8	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 9.66 ng

RT: 14.67 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

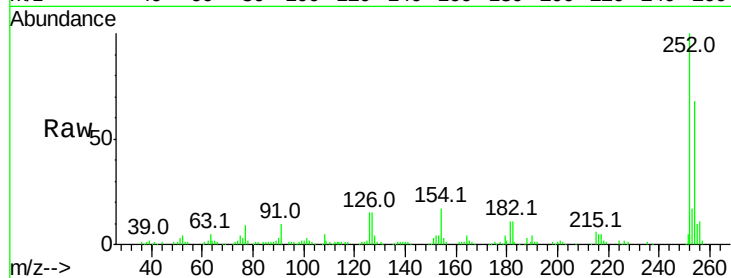
Tot Ion:252 Resp: 124182

Ion Ratio Lower Upper

252 100

254 67.7 51.5 77.3

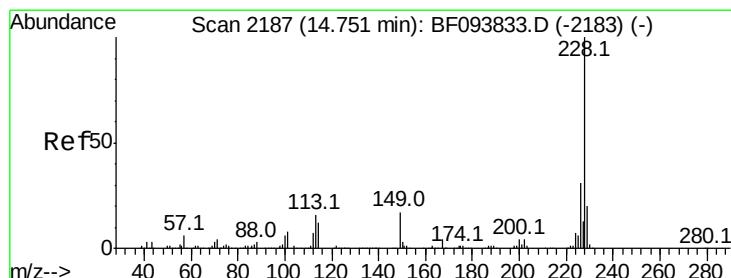
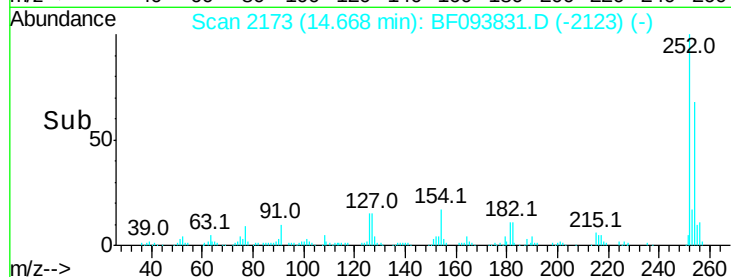
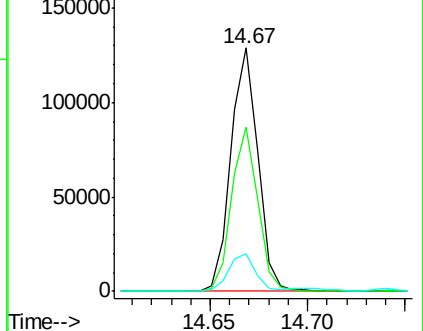
126 15.2 15.8 23.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 9.74 ng

RT: 14.74 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

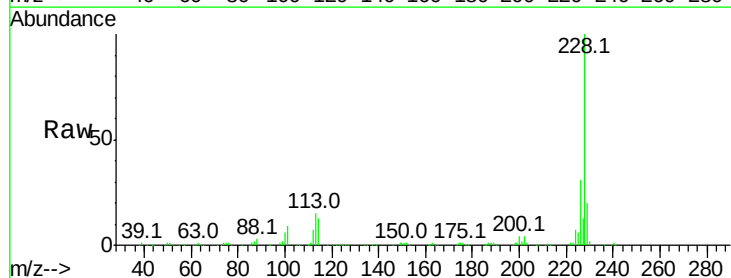
Tgt Ion:228 Resp: 331965

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

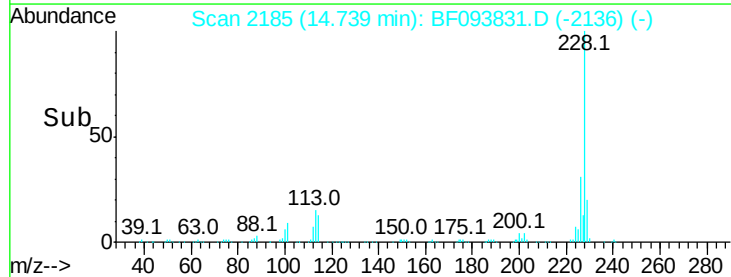
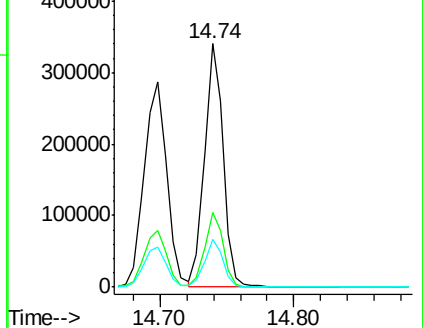
229 19.8 15.8 23.6

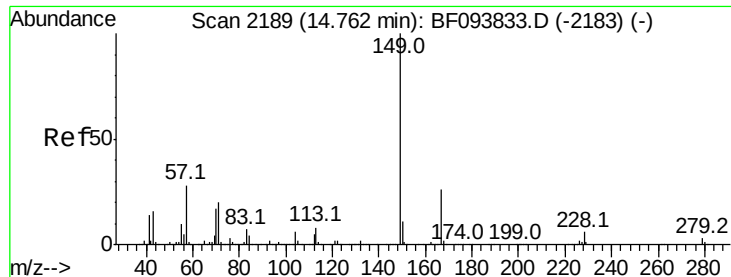


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 10.29 ng

RT: 14.76 min Scan# 2189

Delta R.T. 0.00 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

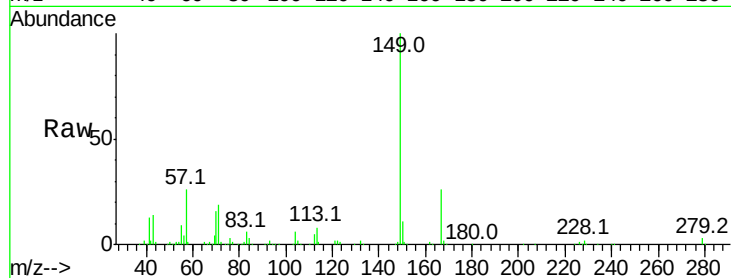
Tot Ion:149 Resp: 250949

Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.4

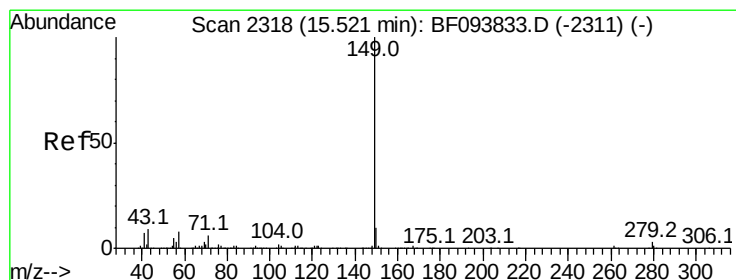
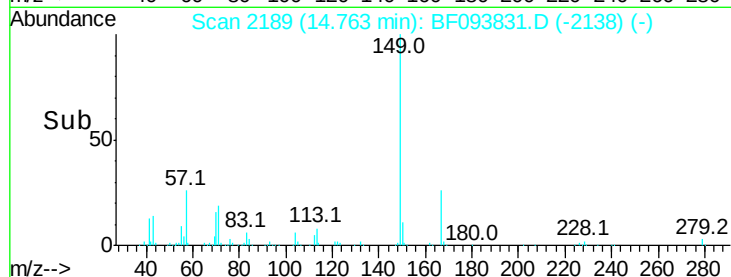
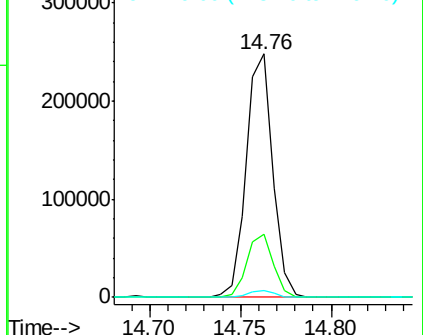
279 3.0 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 8.81 ng

RT: 15.52 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

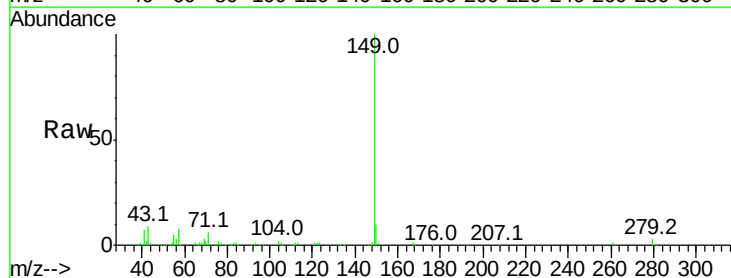
Tgt Ion:149 Resp: 392326

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

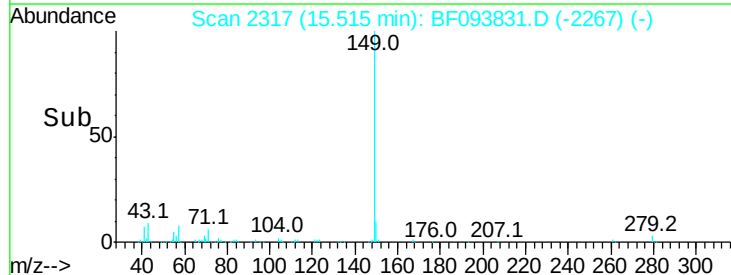
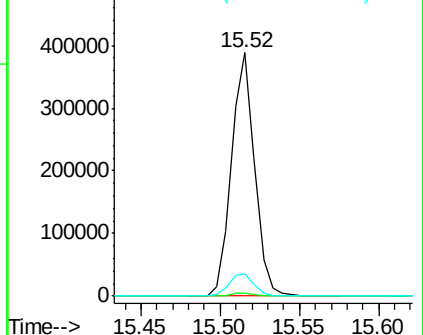
43 10.1 8.5 12.7

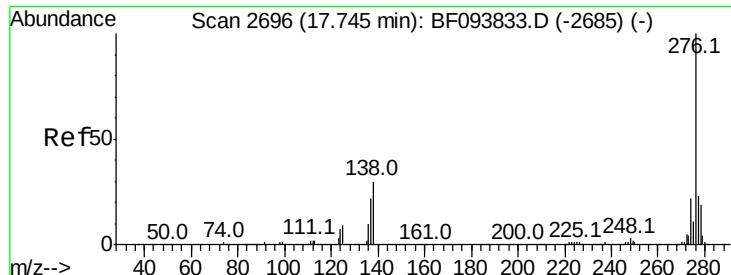


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

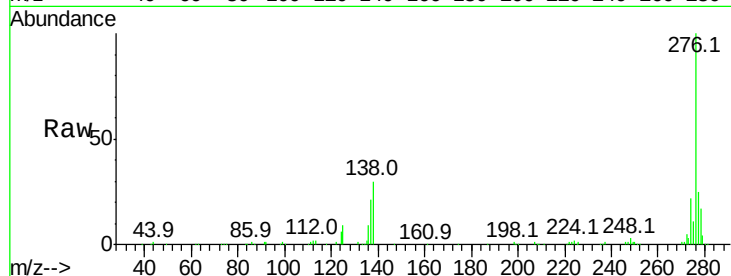




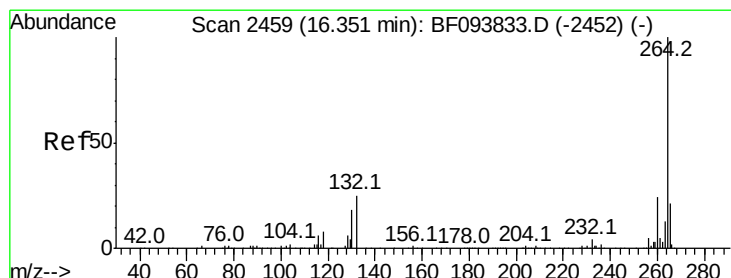
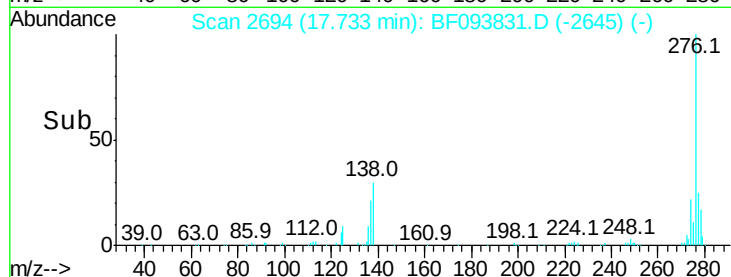
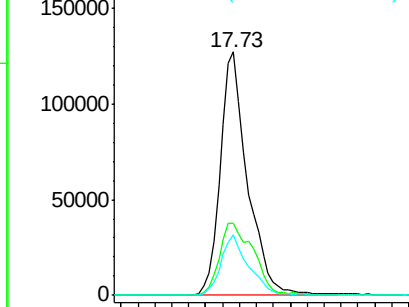
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 10.22 ng
 RT: 17.73 min Scan# 2694
 Delta R.T. -0.01 min
 Lab File: BF093831.D
 Acq: 22 Mar 2017 14:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
276	100		
138	37.0	27.8	41.6
277	25.1	20.2	30.4

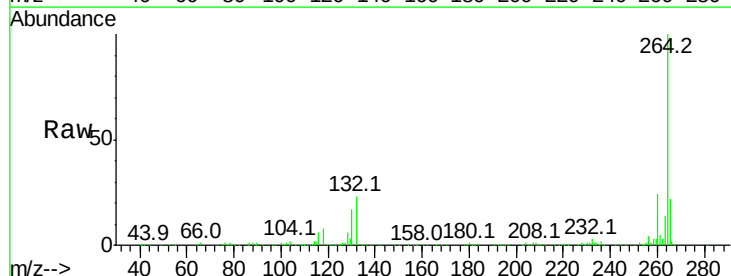


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

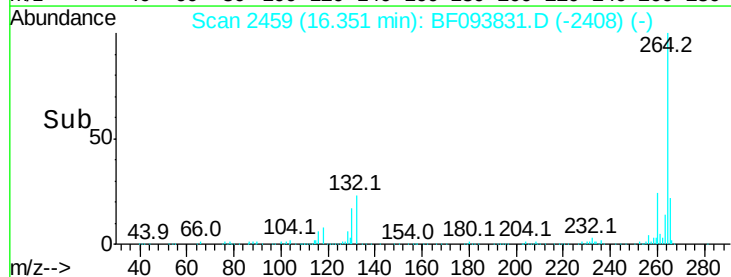
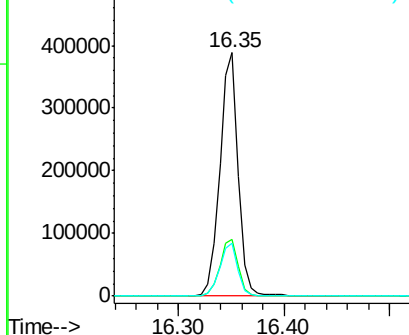


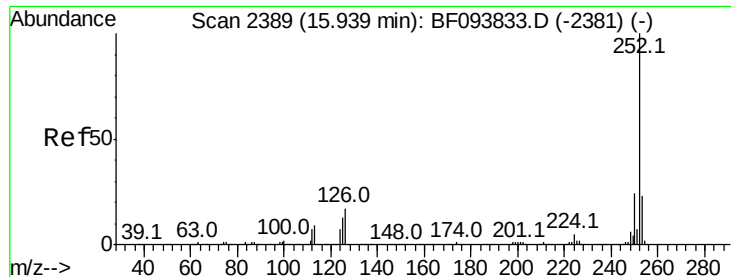
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.35 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: BF093831.D
 Acq: 22 Mar 2017 14:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.5	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 9.89 ng

RT: 15.93 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

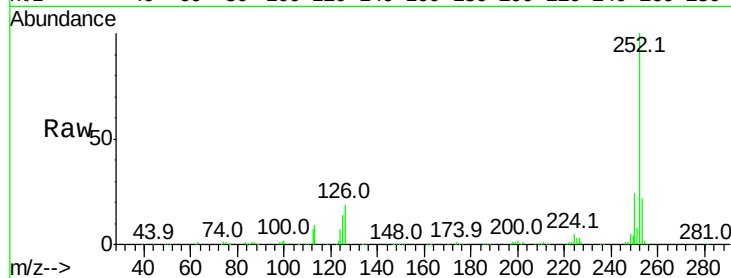
Tot Ion:252 Resp: 313628

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

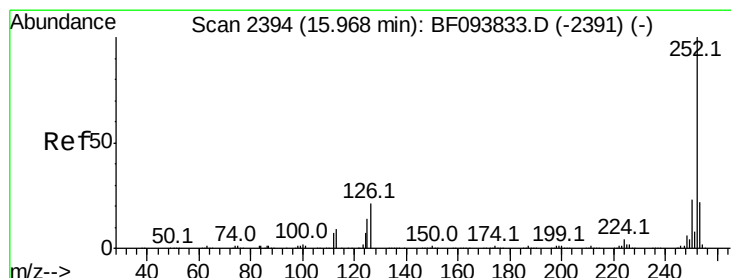
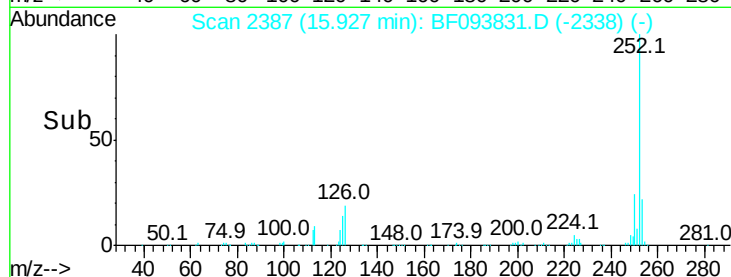
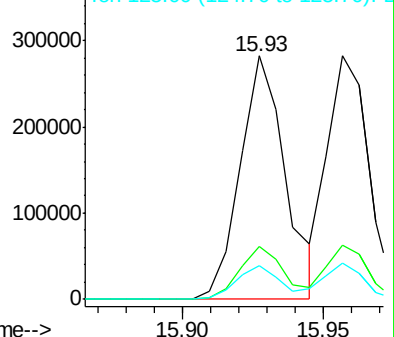
125 13.6 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 12.58 ng

RT: 15.96 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

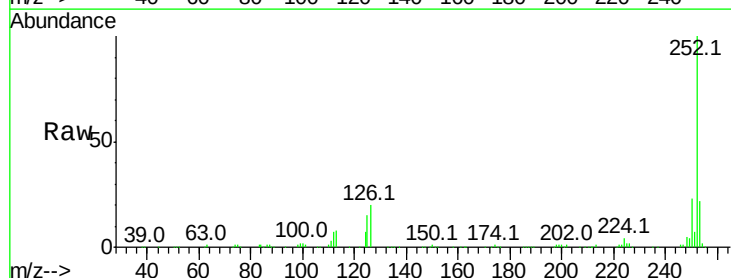
Tgt Ion:252 Resp: 294634

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

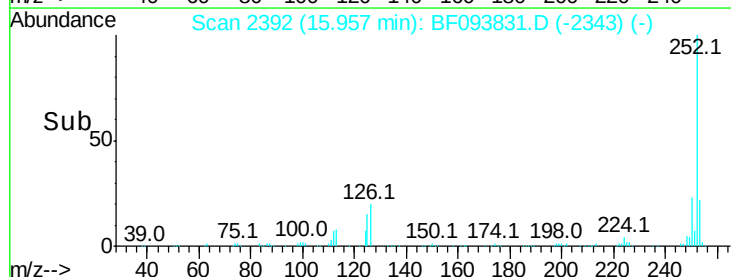
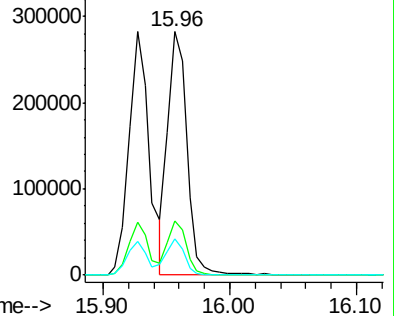
125 14.8 13.1 19.7

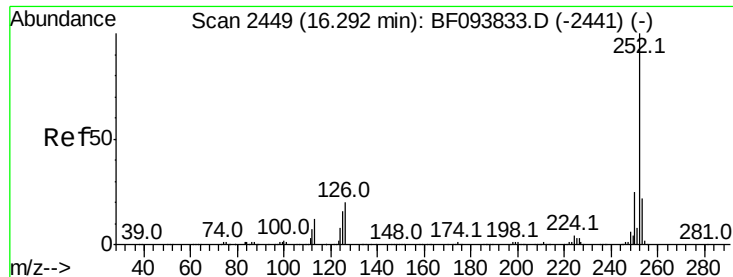


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 10.88 ng

RT: 16.28 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

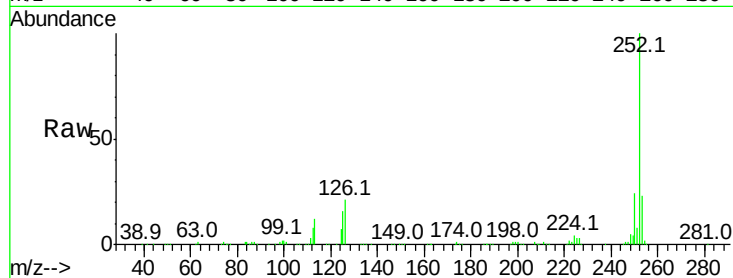
Tot Ion:252 Resp: 279742

Ion Ratio Lower Upper

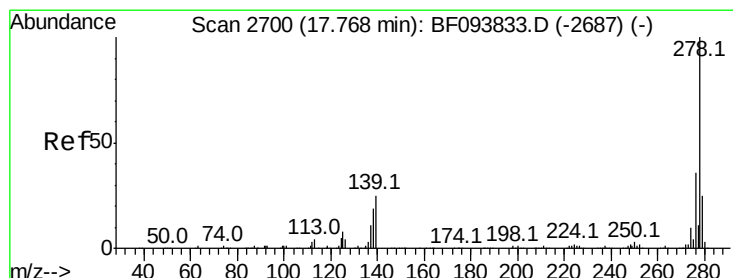
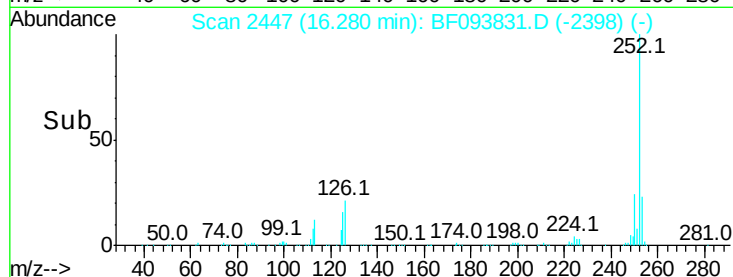
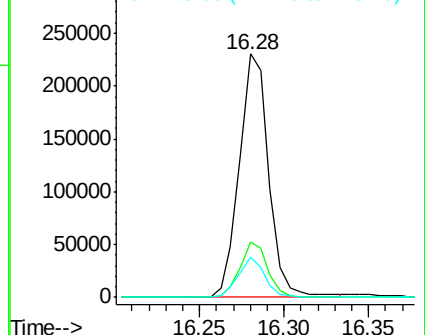
252 100

253 22.5 17.5 26.3

125 16.4 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 11.45 ng

RT: 17.76 min Scan# 2698

Delta R.T. -0.01 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

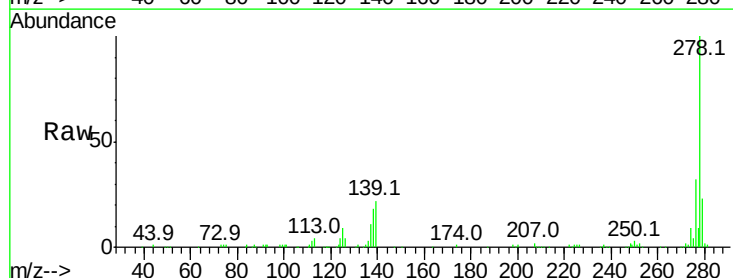
Tgt Ion:278 Resp: 244409

Ion Ratio Lower Upper

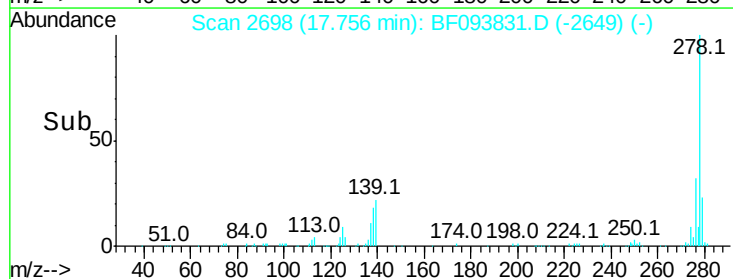
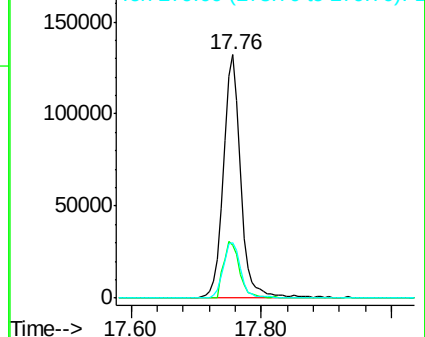
278 100

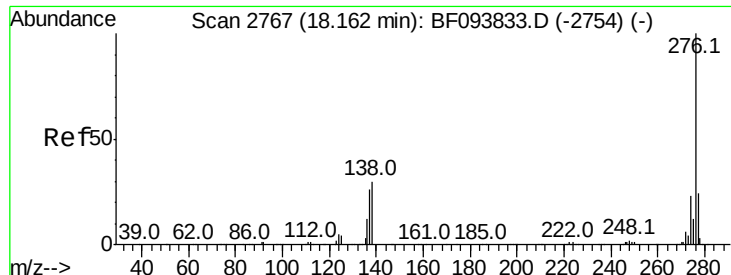
139 21.6 16.6 24.8

279 22.6 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 11.45 ng

RT: 18.14 min Scan# 2763

Delta R.T. -0.02 min

Lab File: BF093831.D

Acq: 22 Mar 2017 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

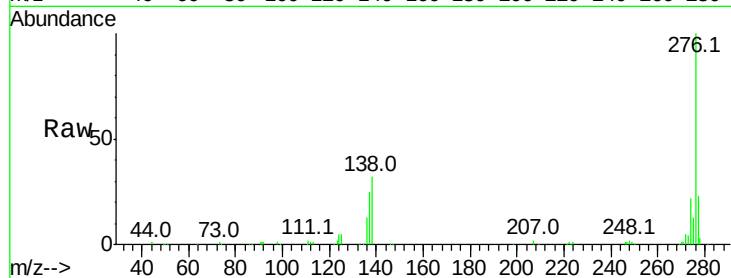
Tot Ion:276 Resp: 242599

Ion Ratio Lower Upper

276 100

277 23.0 18.6 28.0

138 31.7 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

