

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
 Data File : BF093747.D
 Acq On : 18 Mar 2017 12:11
 Operator : SJ/MA
 Sample : I2263-06MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-102SMS

Quant Time: Mar 20 01:06:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:21:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	204049	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	820719	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	385712	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	654461	20.00	ng	0.00
75) Chrysene-d12	14.00	240	436586	20.00	ng	0.00
86) Perylene-d12	15.41	264	442685	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	759527	62.06	ng	0.00
7) Phenol-d6	6.47	99	623187	41.08	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1413139	103.34	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	408389	161.78	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1999411	97.82	ng	0.00
78) Terphenyl-d14	12.95	244	1680749	82.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	99266	15.71	ng	98
3) Pyridine	3.20	79	207374	12.00	ng	99
4) n-Nitrosodimethylamine	3.11	42	132909	17.57	ng	97
6) Aniline	6.50	93	557914	25.73	ng	96
8) 2-Chlorophenol	6.63	128	525367	38.61	ng	99
9) Benzaldehyde	6.39	77	357468	44.70	ng	95
10) Phenol	6.48	94	265340	14.96	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	668159	47.80	ng	95
12) 1,3-Dichlorobenzene	6.79	146	645161	42.79	ng	99
13) 1,4-Dichlorobenzene	6.87	146	651711	42.21	ng	99
14) 1,2-Dichlorobenzene	7.02	146	568686	39.39	ng	99
15) Benzyl Alcohol	6.98	79	335021	29.50	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	922711	41.87	ng	99
17) 2-Methylphenol	7.11	107	386114	32.78	ng	95
18) Hexachloroethane	7.36	117	221004	40.29	ng	# 74
19) n-Nitroso-di-n-propylamine	7.27	70	484532	48.11	ng	99
20) 3+4-Methylphenols	7.26	107	371549	26.60	ng	# 81
22) Acetophenone	7.26	105	824345	45.08	ng	# 95
24) Nitrobenzene	7.43	77	658864	44.57	ng	98
25) Isophorone	7.67	82	1289744	49.00	ng	98
26) 2-Nitrophenol	7.75	139	355876	63.58	ng	98
27) 2,4-Dimethylphenol	7.78	122	570525	44.54	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	821875	49.47	ng	100
29) 2,4-Dichlorophenol	7.99	162	536575	48.76	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	544713	47.49	ng	98
31) Naphthalene	8.16	128	1807277	45.16	ng	99
32) Benzoic acid	7.86	122	103813	15.91	ng	97
33) 4-Chloroaniline	8.20	127	591260	35.28	ng	99
34) Hexachlorobutadiene	8.29	225	267573	44.54	ng	99
35) Caprolactam	8.56	113	25655	6.95	ng	# 77
36) 4-Chloro-3-methylphenol	8.68	107	493030	42.55	ng	# 85
37) 2-Methylnaphthalene	8.85	142	1216616	46.94	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	477166	52.83	ng	99
40) Hexachlorocyclopentadiene	9.01	237	389864	86.40	ng	99

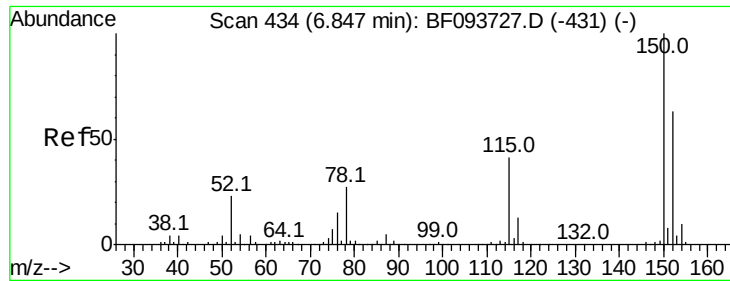
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
 Data File : BF093747.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:21:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	359261	53.95	nq	99
43) 2,4,5-Trichlorophenol	9.16	196	321048	46.76	nq	96
45) 1,1'-Biphenyl	9.32	154	1481311	54.77	nq	100
46) 2-Chloronaphthalene	9.34	162	1187955	54.74	nq	98
47) 2-Nitroaniline	9.42	65	343449	54.70	nq	99
48) Acenaphthylene	9.75	152	1824369	51.55	nq	99
49) Dimethylphthalate	9.61	163	1329890	52.79	nq	99
50) 2,6-Dinitrotoluene	9.67	165	326381	59.98	nq	89
51) Acenaphthene	9.92	154	1212126	58.12	nq	99
52) 3-Nitroaniline	9.83	138	266305	41.25	nq	98
53) 2,4-Dinitrophenol	9.94	184	290216	106.28	nq	# 54
54) Dibenzofuran	10.09	168	1562133	55.10	nq	98
55) 4-Nitrophenol	9.99	139	237593	48.78	nq	94
56) 2,4-Dinitrotoluene	10.07	165	418232	57.74	nq	# 80
57) Fluorene	10.44	166	1142667	49.68	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	283907	60.13	nq	97
59) Diethylphthalate	10.31	149	1325173	55.26	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	468926	48.40	nq	100
61) 4-Nitroaniline	10.45	138	311893	51.91	nq	91
62) Azobenzene	10.58	77	1421655	58.68	nq	99
64) 4,6-Dinitro-2-methylphenol	10.48	198	212712	59.84	nq	# 48
65) n-Nitrosodiphenylamine	10.55	169	1174936	53.18	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	311356	50.33	nq	97
67) Hexachlorobenzene	10.98	284	337405	52.18	nq	# 93
68) Atrazine	11.08	200	364348	57.27	nq	95
69) Pentachlorophenol	11.17	266	380695	102.76	nq	98
70) Phenanthrene	11.40	178	1754725	47.42	nq	99
71) Anthracene	11.44	178	1687752	46.62	nq	99
72) Carbazole	11.59	167	1586348	41.86	nq	100
73) Di-n-butylphthalate	11.93	149	1893455	48.87	nq	100
74) Fluoranthene	12.57	202	1753079	48.89	nq	100
76) Benzidine	12.69	184	668794	39.20	nq	# 94
77) Pyrene	12.80	202	1820525	49.03	nq	99
79) Butylbenzylphthalate	13.43	149	935993	59.34	nq	99
80) Benzo(a)anthracene	13.98	228	1411072	50.36	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	516922	52.59	nq	# 92
82) Chrysene	14.03	228	1402198	51.78	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	922239	53.18	nq	100
84) Di-n-octyl phthalate	14.60	149	1962402	61.38	nq	99
85) Indeno(1,2,3-cd)pyrene	16.78	276	1240325	54.08	nq	99
87) Benzo(b)fluoranthene	15.01	252	1352174	48.19	nq	98
88) Benzo(k)fluoranthene	15.01	252	1352174	54.52	nq	96
89) Benzo(a)pyrene	15.35	252	1216314	49.04	nq	98
90) Dibenzo(a,h)anthracene	16.80	278	1039297	49.53	nq	97
91) Benzo(g,h,i)perylene	17.20	276	1044778	48.96	nq	97

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

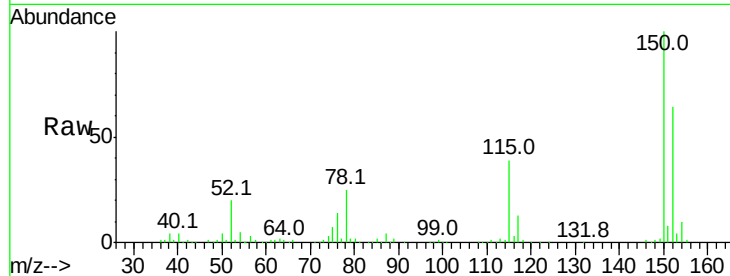


#1

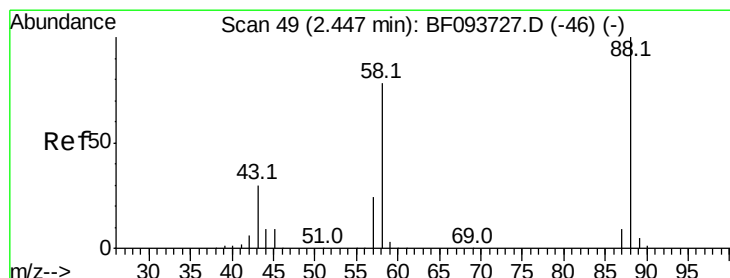
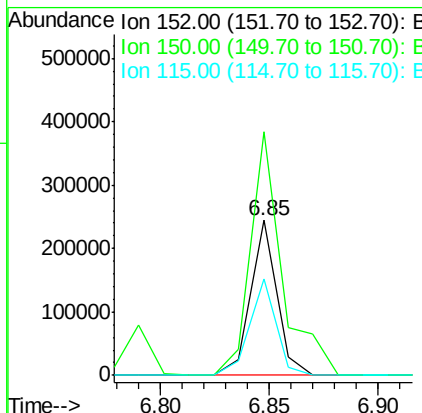
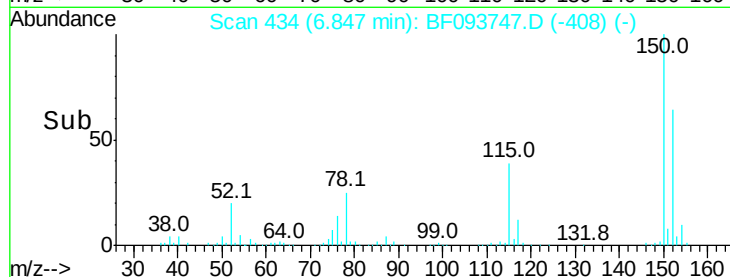
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF093747.D
Acq: 18 Mar 2017 12:11

Instrument :
BNA_F
ClientSampleId :
MW-102SMS

Tot Ion:152 Resp: 204049
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 62.0 52.2 78.2



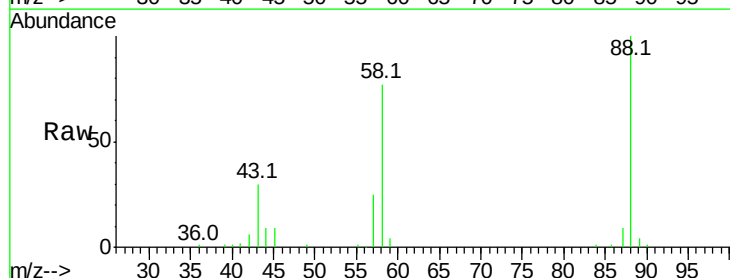
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



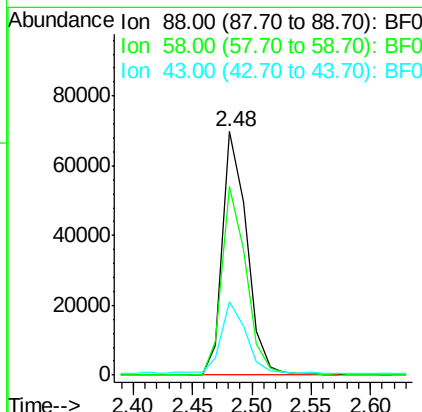
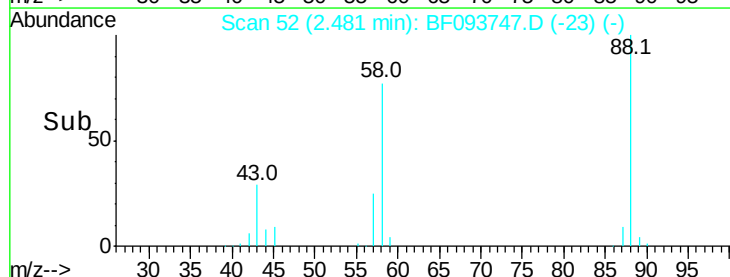
#2

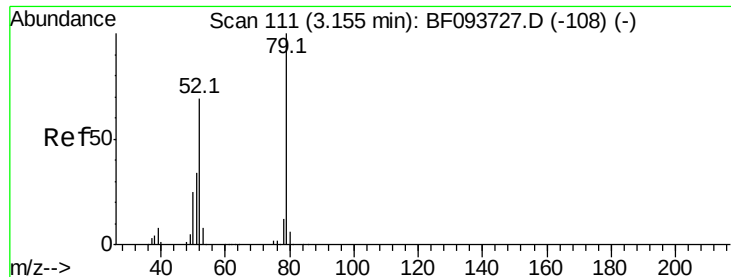
1,4-Dioxane
Concen: 15.71 ng
RT: 2.48 min Scan# 52
Delta R.T. 0.03 min
Lab File: BF093747.D
Acq: 18 Mar 2017 12:11

Tgt Ion: 88 Resp: 99266
Ion Ratio Lower Upper
88 100
58 77.8 61.4 92.0
43 31.7 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: 12.00 ng

RT: 3.20 min Scan# 115

Delta R.T. 0.05 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

MW-102SMS

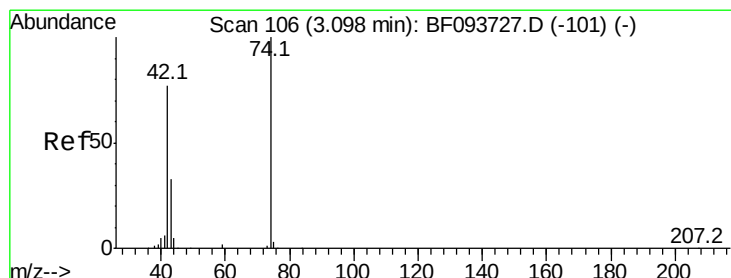
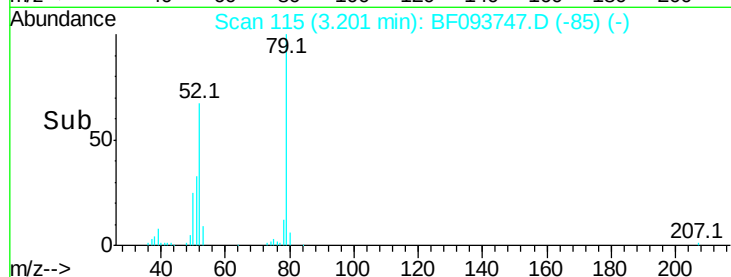
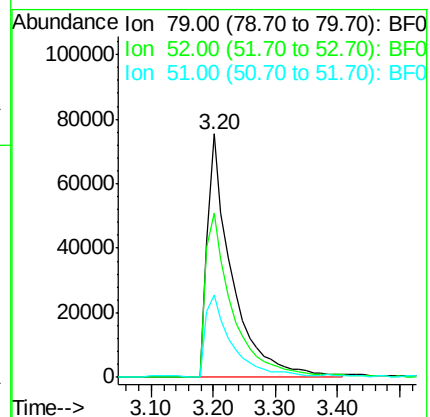
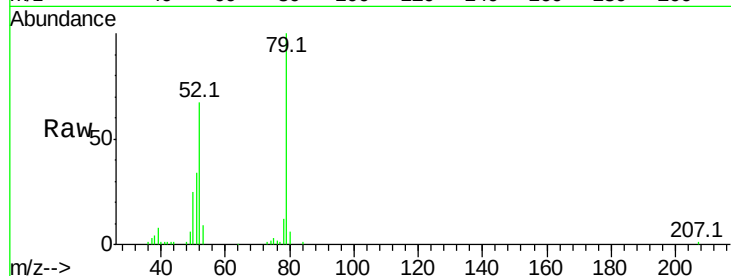
Tot Ion: 79 Resp: 207374

Ion Ratio Lower Upper

79 100

52 67.2 54.8 82.2

51 33.8 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 17.57 ng

RT: 3.11 min Scan# 107

Delta R.T. 0.01 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

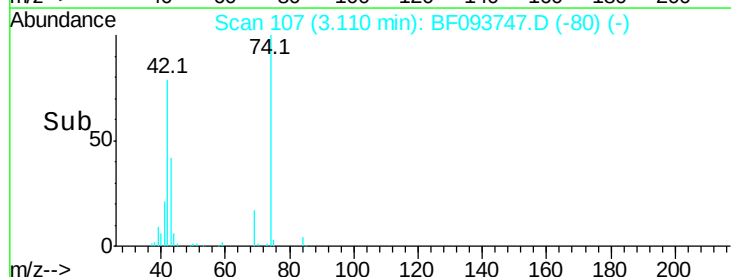
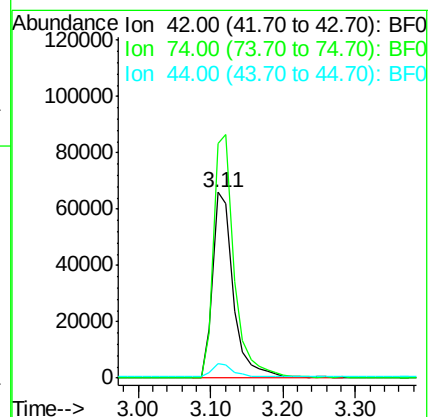
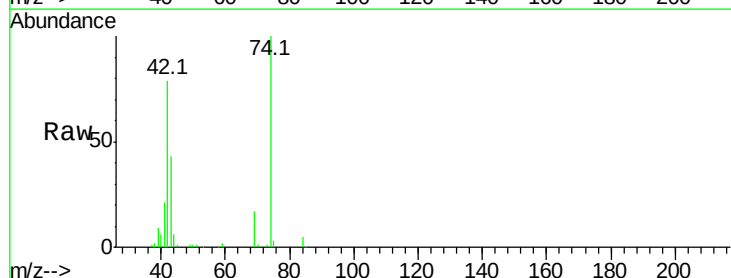
Tgt Ion: 42 Resp: 132909

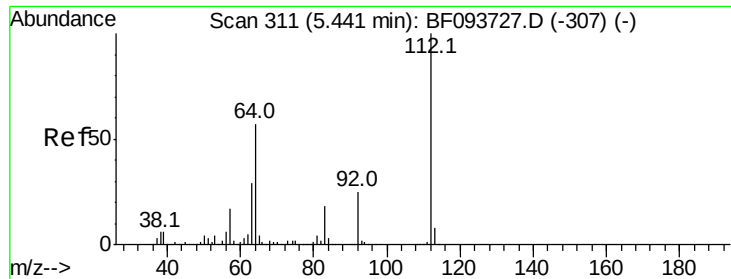
Ion Ratio Lower Upper

42 100

74 126.2 103.9 155.9

44 8.1 5.7 8.5





#5

2-Fluorophenol

Concen: 62.06 ng

RT: 5.44 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

MW-102SMS

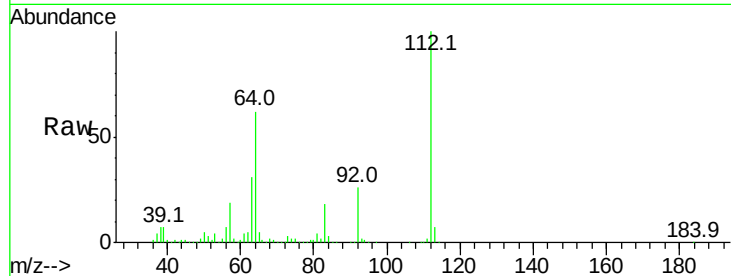
Tot Ion:112 Resp: 759527

Ion Ratio Lower Upper

112 100

64 62.1 46.0 69.0

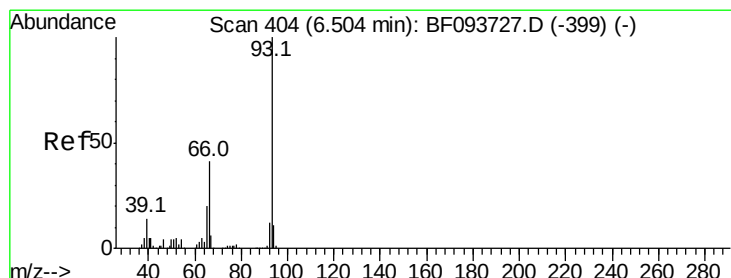
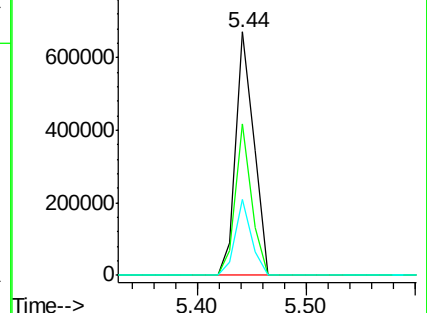
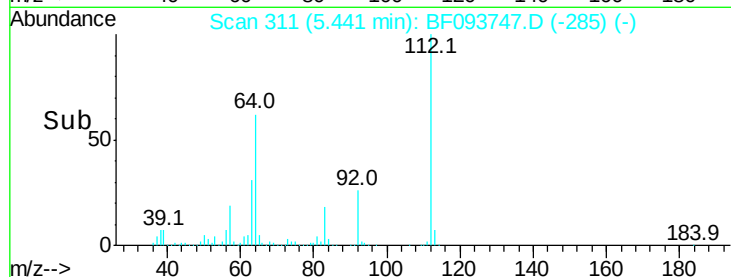
63 31.3 23.4 35.0



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: 25.73 ng

RT: 6.50 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

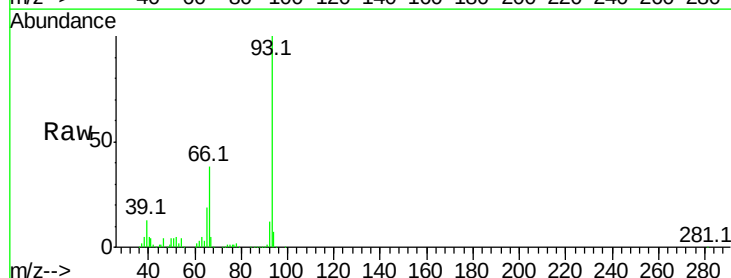
Tgt Ion: 93 Resp: 557914

Ion Ratio Lower Upper

93 100

66 37.9 32.9 49.3

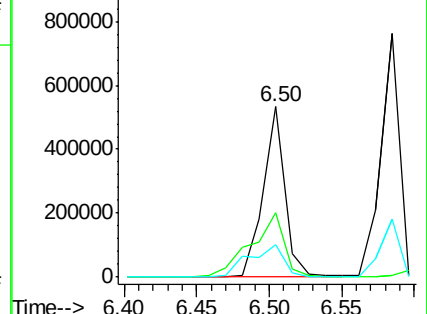
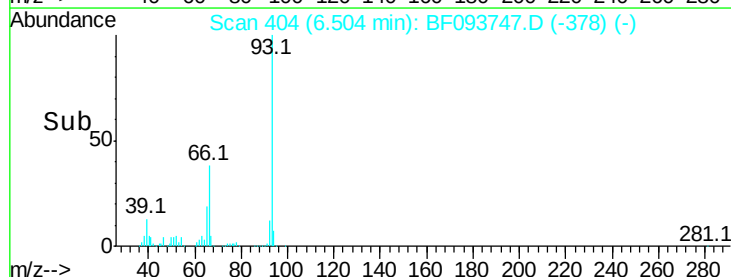
65 18.8 16.0 24.0

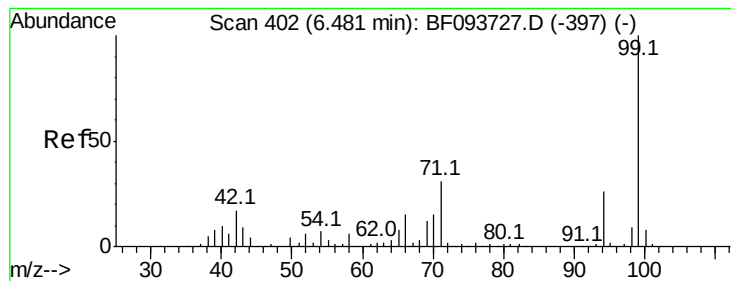


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 41.08 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

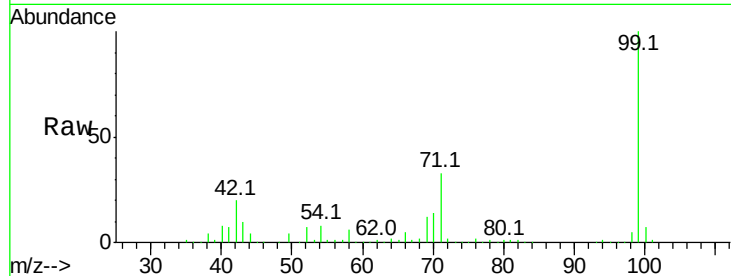
BNA_F

ClientSampleId :

MW-102SMS

Tot Ion: 99 Resp: 623187

Ion	Ratio	Lower	Upper
99	100		
42	19.8	13.5	20.3
71	33.0	24.5	36.7

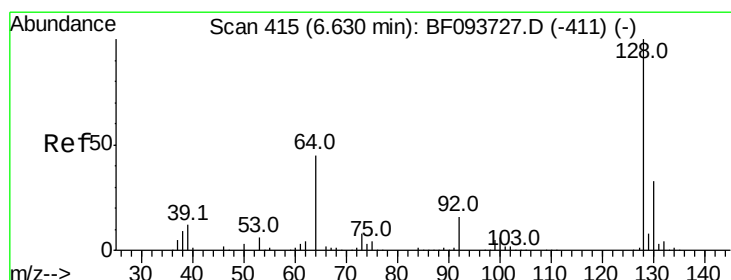
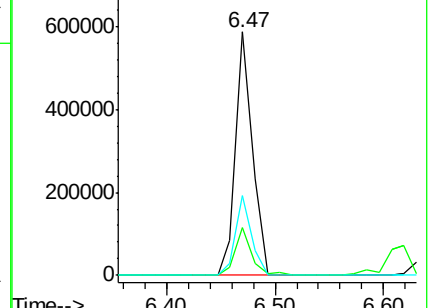
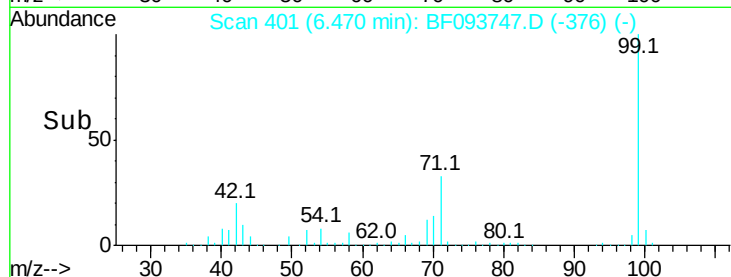


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.61 ng

RT: 6.63 min Scan# 415

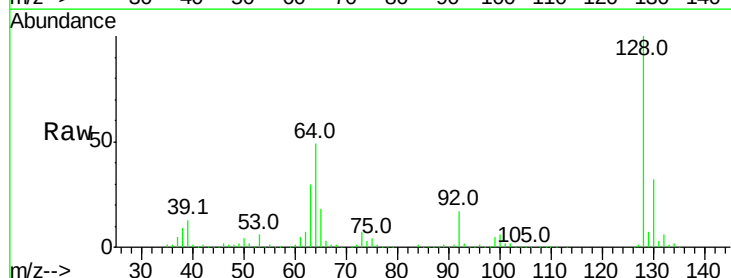
Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Tgt Ion: 128 Resp: 525367

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.9	52.9
64	48.9	28.4	68.4

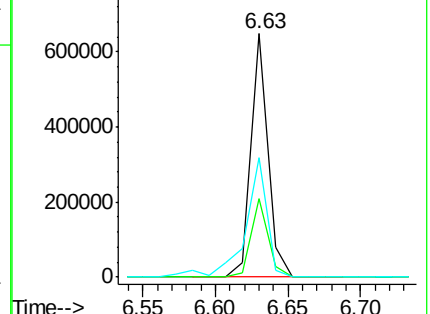
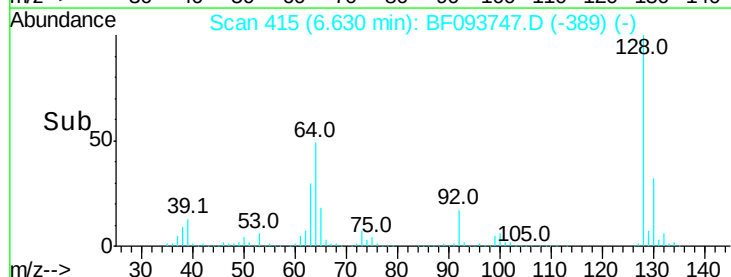


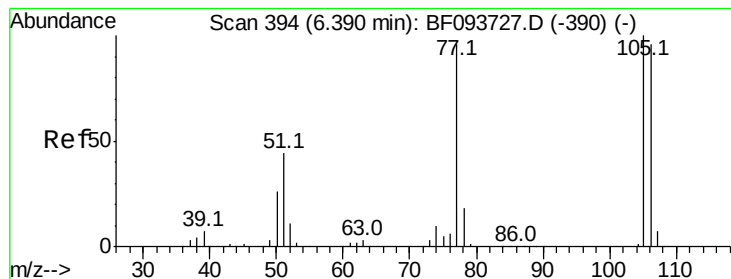
Abundance

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: 44.70 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

MW-102SMS

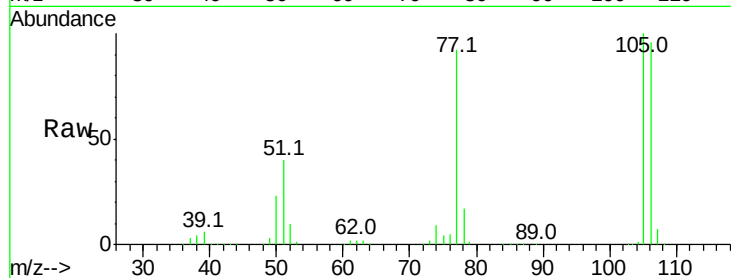
Tot Ion: 77 Resp: 357468

Ion Ratio Lower Upper

77 100

105 108.8 83.8 123.8

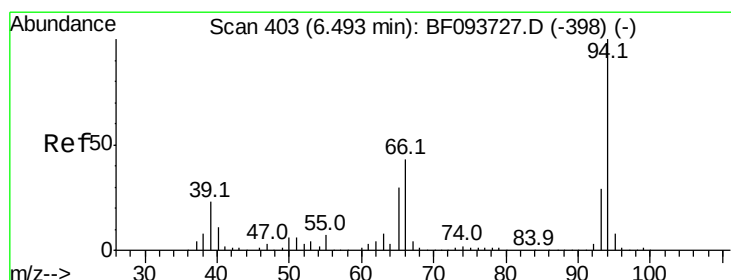
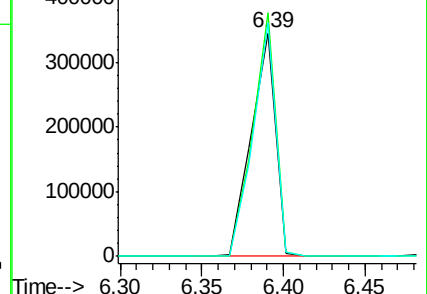
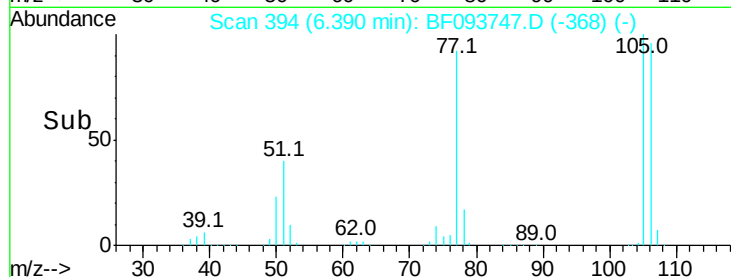
106 104.1 79.1 119.1



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: 14.96 ng

RT: 6.48 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

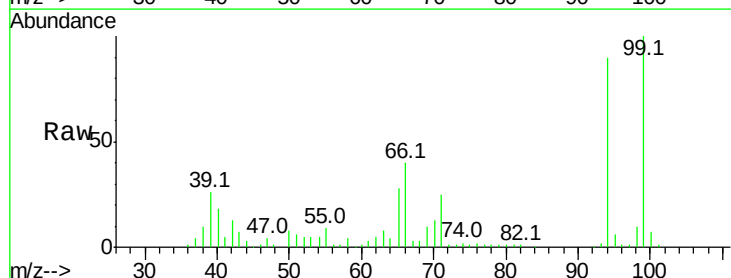
Tgt Ion: 94 Resp: 265340

Ion Ratio Lower Upper

94 100

65 30.8 9.9 49.9

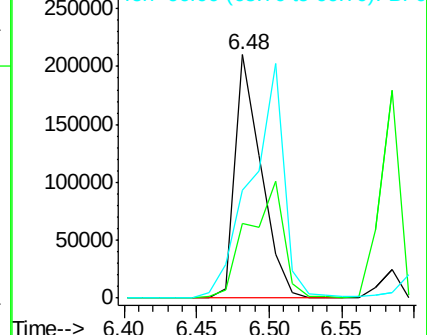
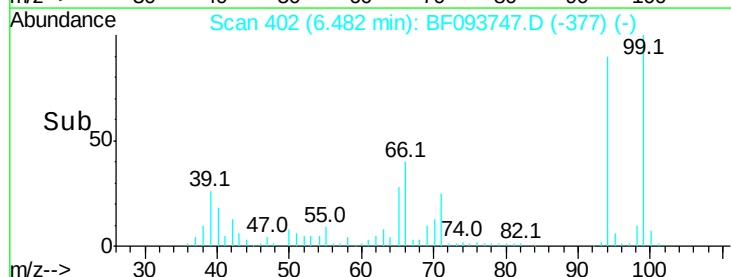
66 44.3 23.1 63.1

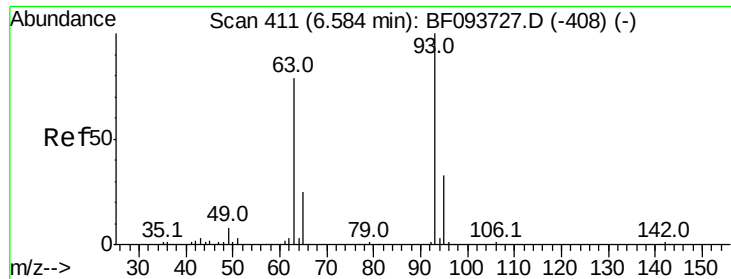


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

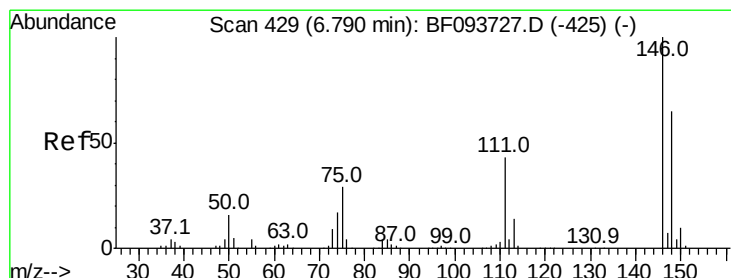
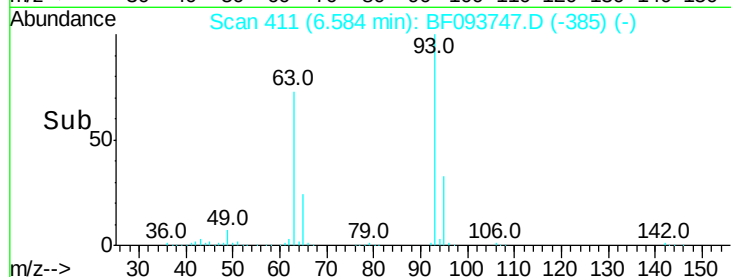
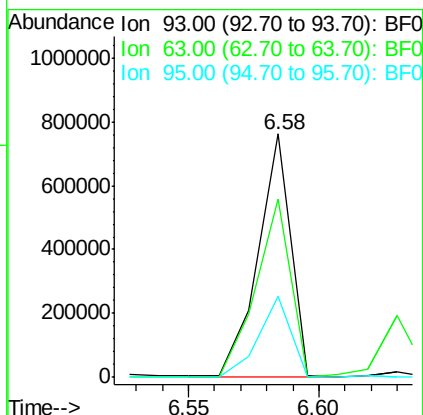
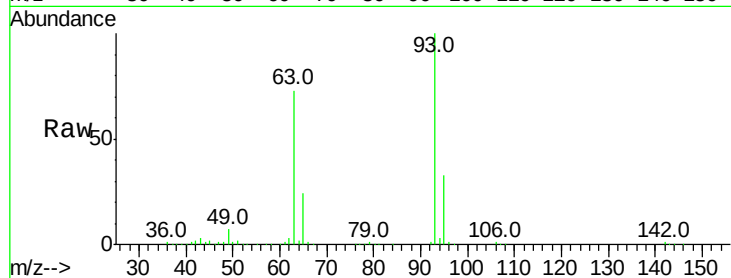




#11
bis(2-Chloroethyl)ether
Concen: 47.80 ng
RT: 6.58 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF093747.D
Acq: 18 Mar 2017 12:11

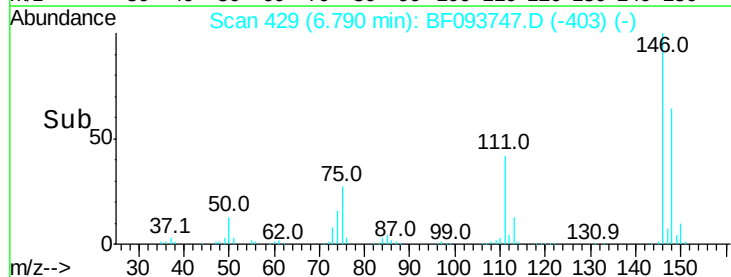
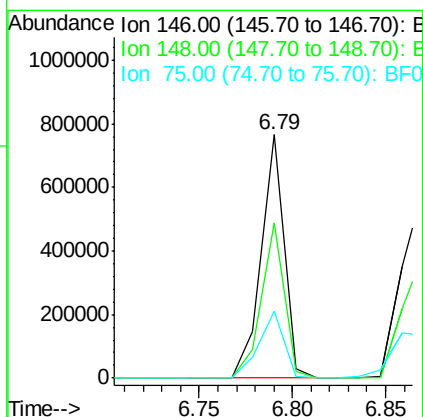
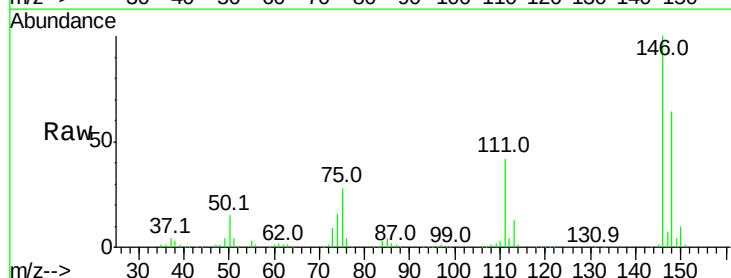
Instrument :
BNA_F
ClientSampleId :
MW-102SMS

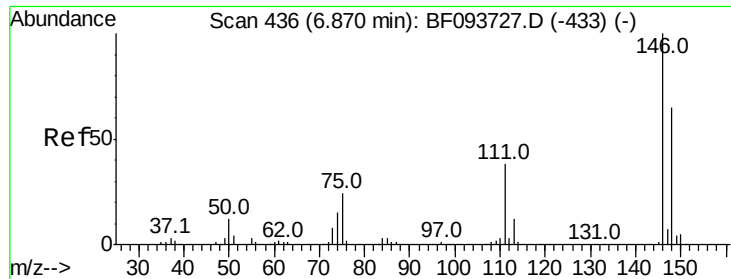
Tot Ion: 93 Resp: 668159
Ion Ratio Lower Upper
93 100
63 73.2 59.2 99.2
95 33.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.79 ng
RT: 6.79 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF093747.D
Acq: 18 Mar 2017 12:11

Tgt Ion: 146 Resp: 645161
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
75 27.5 23.1 34.7

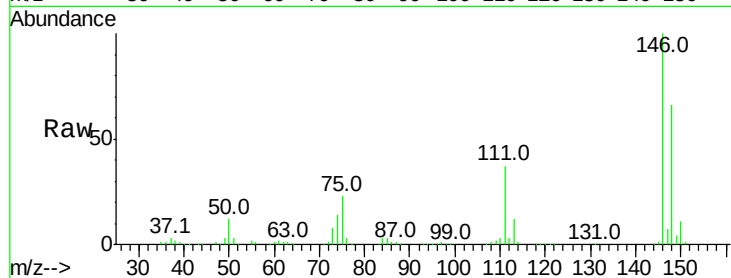




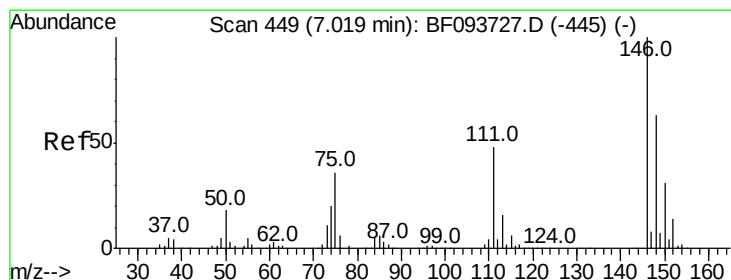
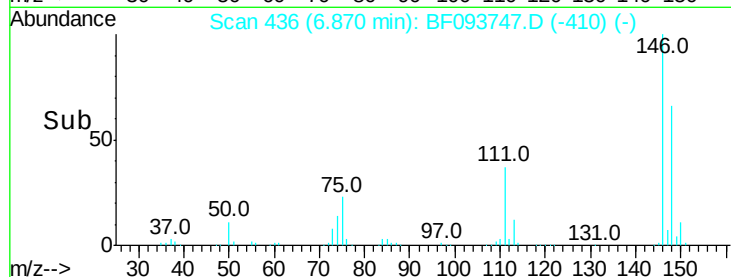
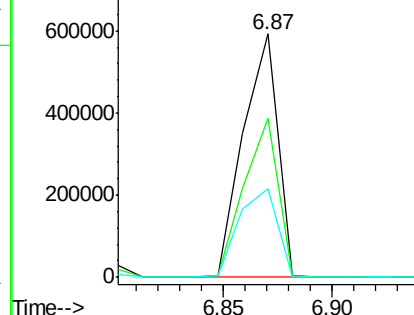
#13
 1,4-Dichlorobenzene
 Concen: 42.21 ng
 RT: 6.87 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF093747.D
 Acq: 18 Mar 2017 12:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-102SMS

Tot Ion:146 Resp: 651711
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.2 78.2
 111 36.6 30.3 45.5

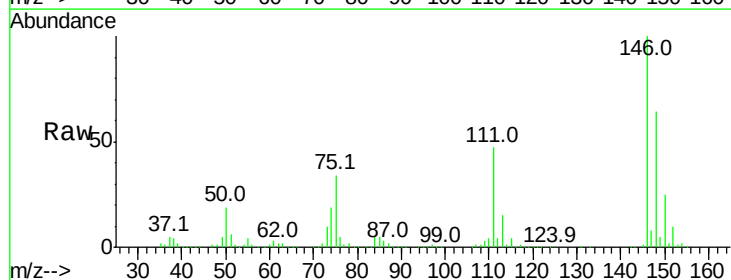


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

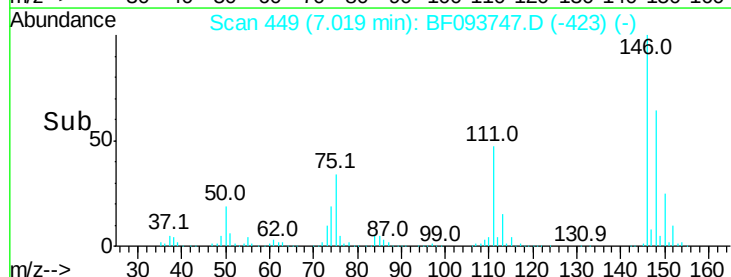
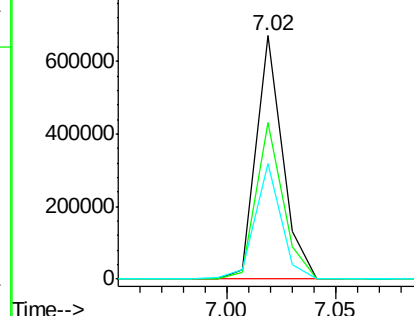


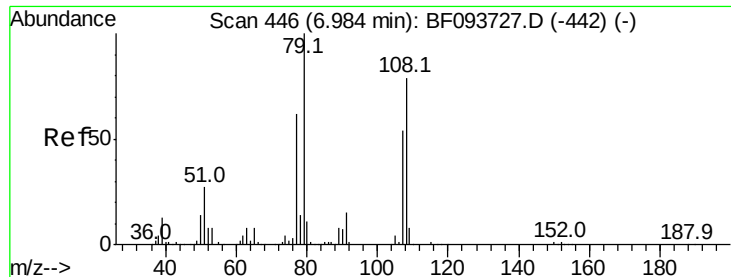
#14
 1,2-Dichlorobenzene
 Concen: 39.39 ng
 RT: 7.02 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF093747.D
 Acq: 18 Mar 2017 12:11

Tgt Ion:146 Resp: 568686
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.4 75.6
 111 47.3 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: 29.50 ng

RT: 6.98 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

MW-102SMS

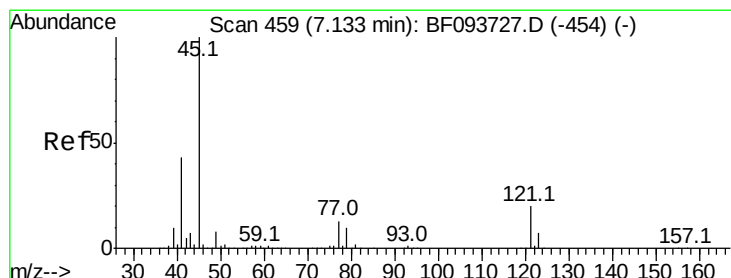
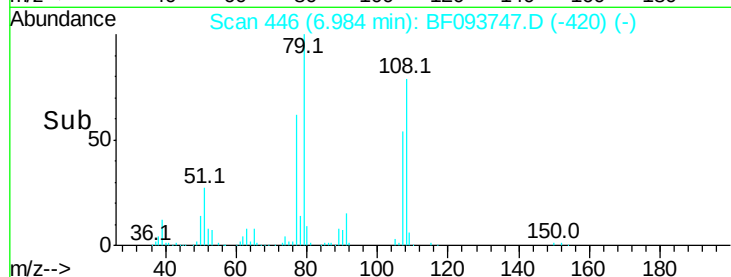
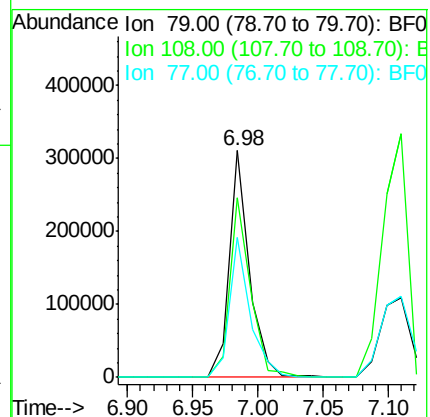
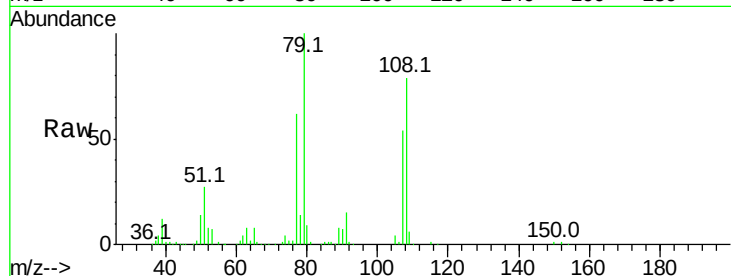
Tot Ion: 79 Resp: 335021

Ion Ratio Lower Upper

79 100

108 79.0 63.4 95.0

77 61.6 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.87 ng

RT: 7.13 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

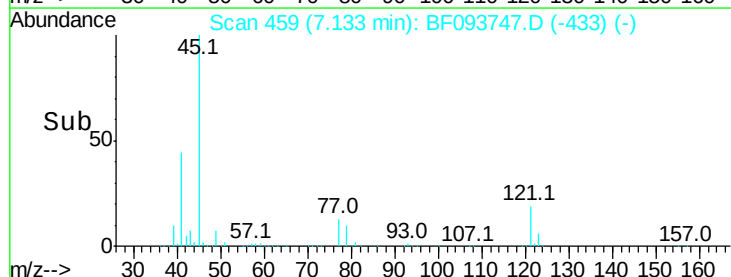
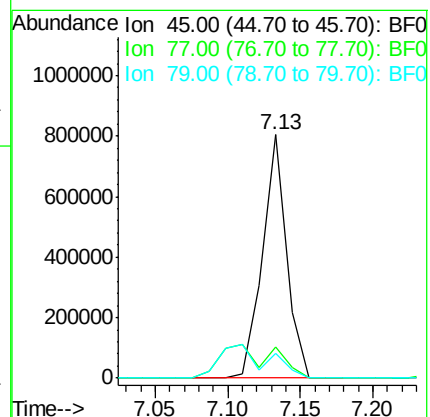
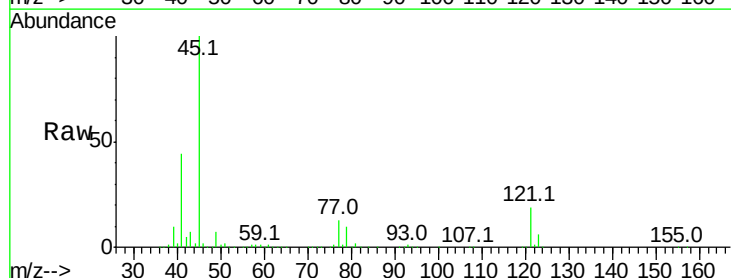
Tgt Ion: 45 Resp: 922711

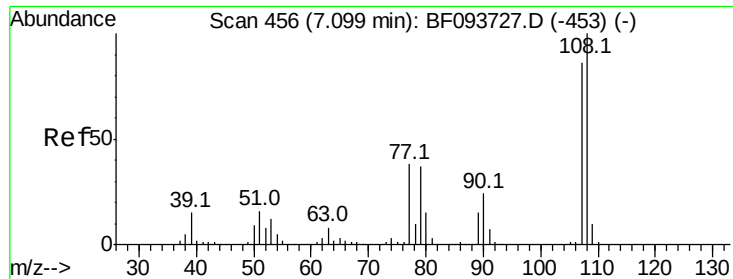
Ion Ratio Lower Upper

45 100

77 12.9 0.0 33.2

79 10.2 0.0 30.0

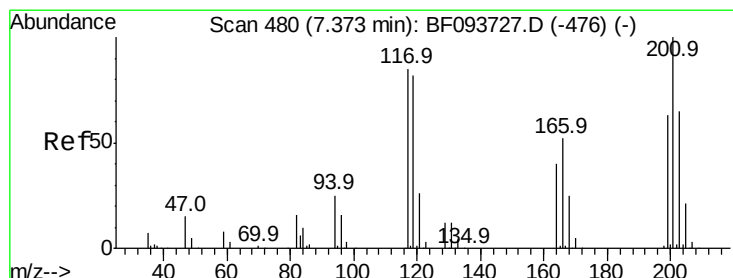
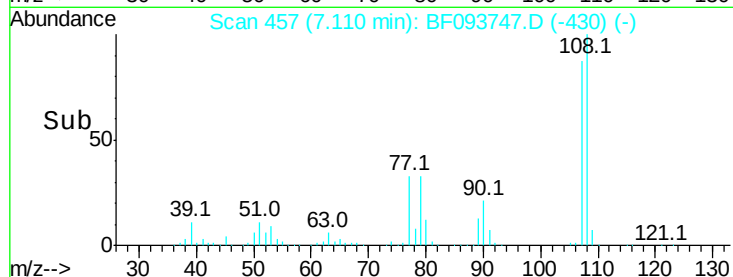
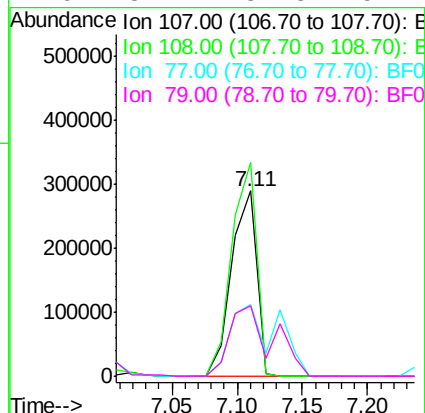
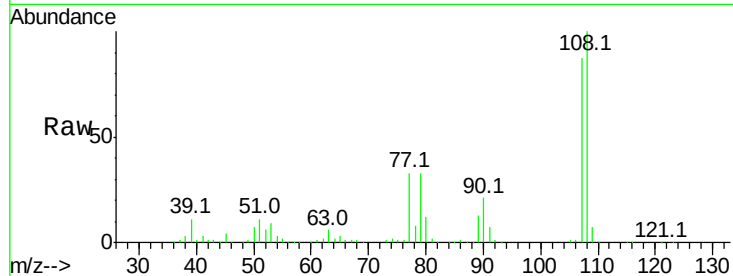




#17
2-Methylphenol
Concen: 32.78 ng
RT: 7.11 min Scan# 457
Delta R.T. 0.01 min
Lab File: BF093747.D
Acq: 18 Mar 2017 12:11

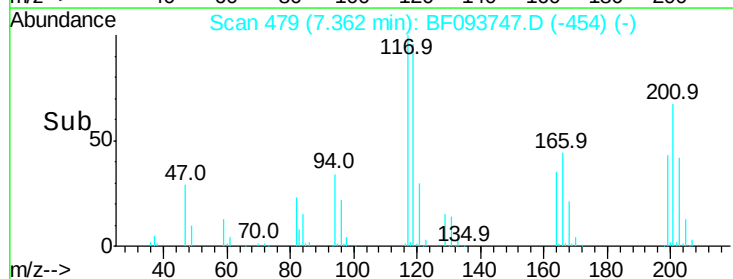
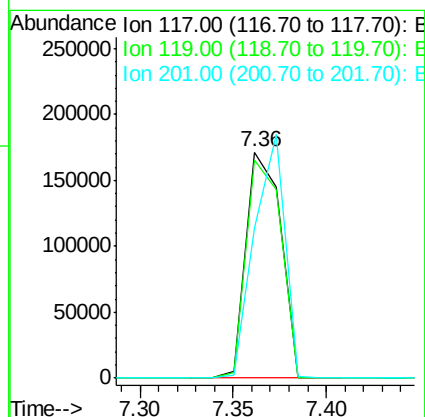
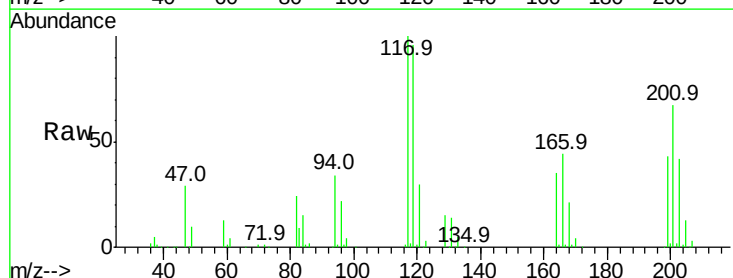
Instrument :
BNA_F
ClientSampleId :
MW-102SMS

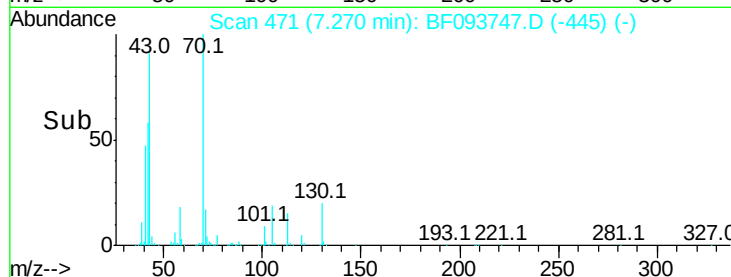
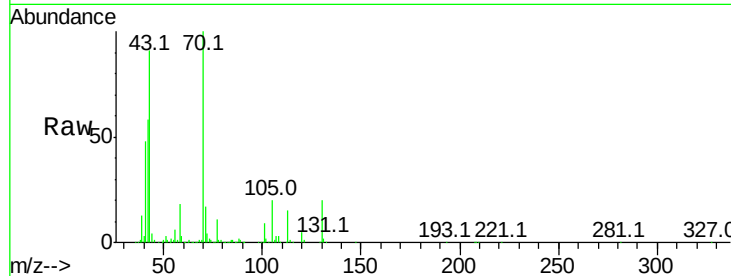
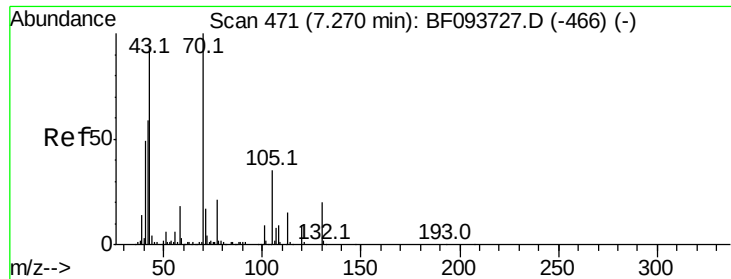
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.2	93.4	140.0
77	38.4	35.8	53.6
79	37.7	34.8	52.2



#18
Hexachloroethane
Concen: 40.29 ng
RT: 7.36 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF093747.D
Acq: 18 Mar 2017 12:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.0
201	66.6	94.6	141.8#

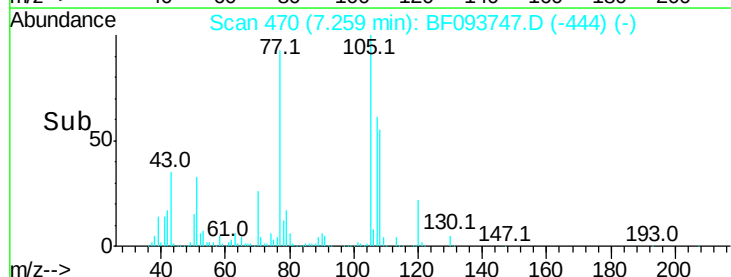
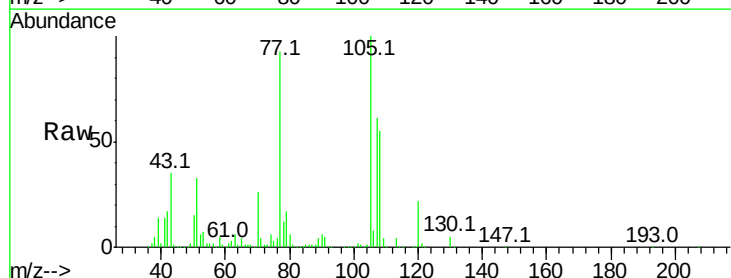
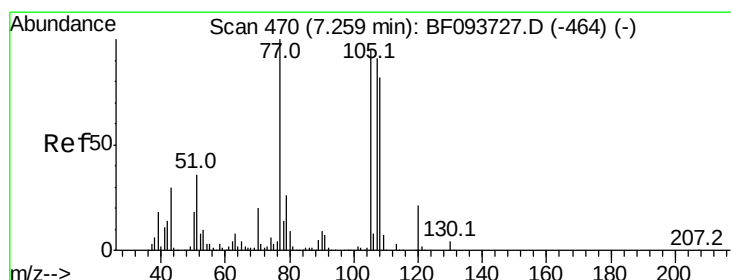
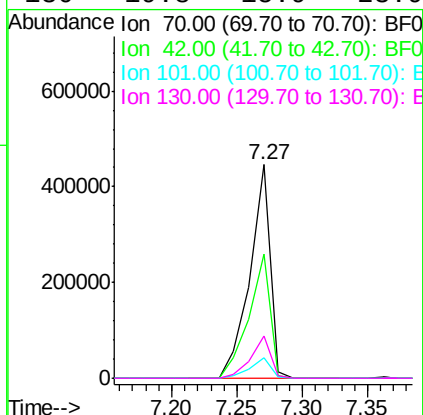




#19
n-Nitroso-di-n-propylamine
Concen: 48.11 ng
RT: 7.27 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF093747.D
Acq: 18 Mar 2017 12:11

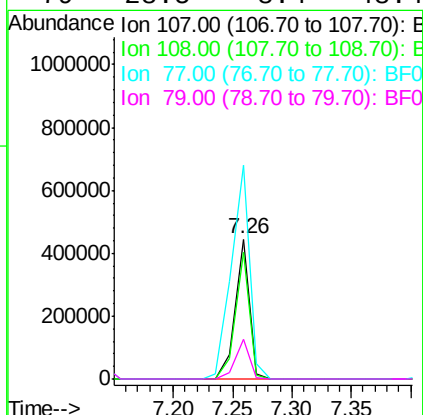
Instrument :
BNA_F
ClientSampleId :
MW-102SMS

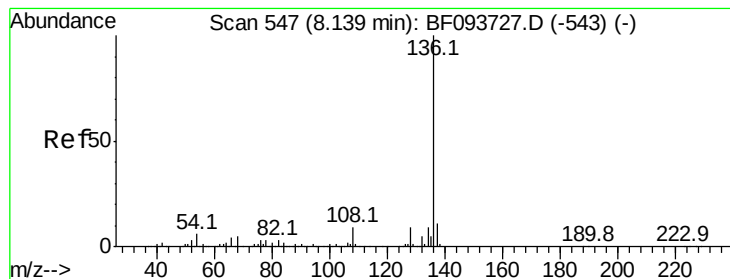
Tot Ion:	70	Resp:	484532
Ion	Ratio	Lower	Upper
70	100		
42	58.2	47.2	70.8
101	9.4	7.2	10.8
130	19.8	15.9	23.9



#20
3+4-Methylphenols
Concen: 26.60 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF093747.D
Acq: 18 Mar 2017 12:11

Tgt Ion:	107	Resp:	371549
Ion	Ratio	Lower	Upper
107	100		
108	90.9	71.0	111.0
77	152.8	90.5	130.5#
79	28.5	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

MW-102SMS

Tot Ion:136 Resp: 820719

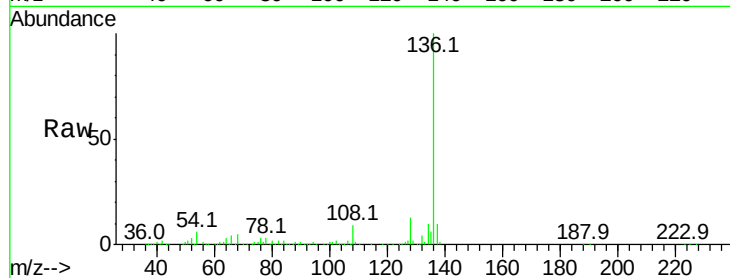
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 5.8 4.9 7.3

68 4.9 4.1 6.1

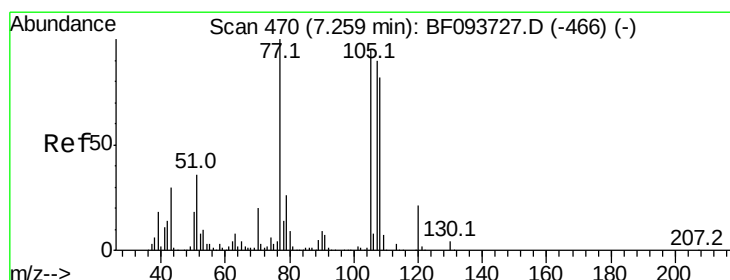
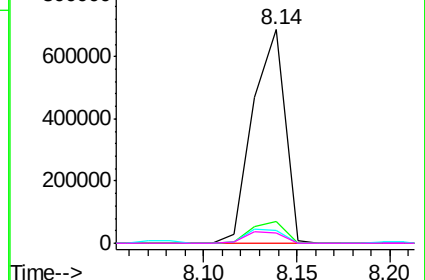
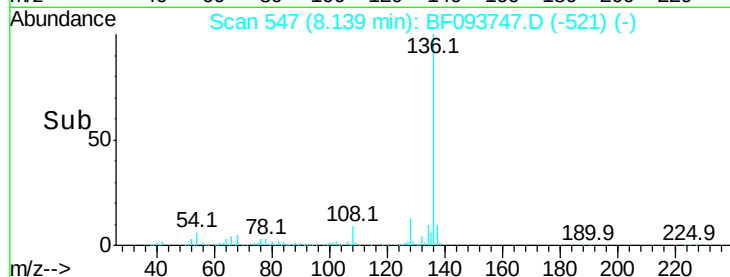


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.08 ng

RT: 7.26 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Tgt Ion:105 Resp: 824345

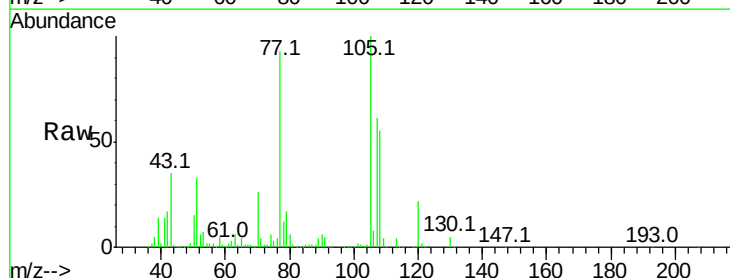
Ion Ratio Lower Upper

105 100

71 4.4 2.8 4.2#

51 33.3 30.7 46.1

120 22.0 17.4 26.0

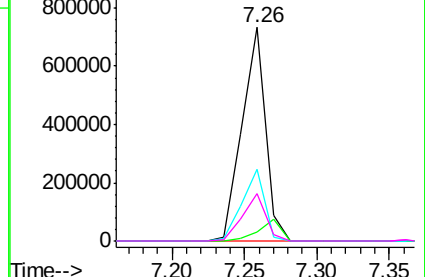
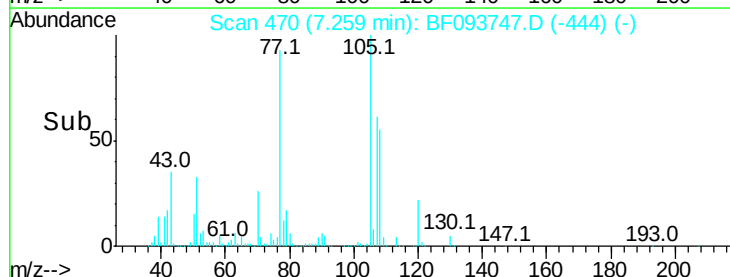


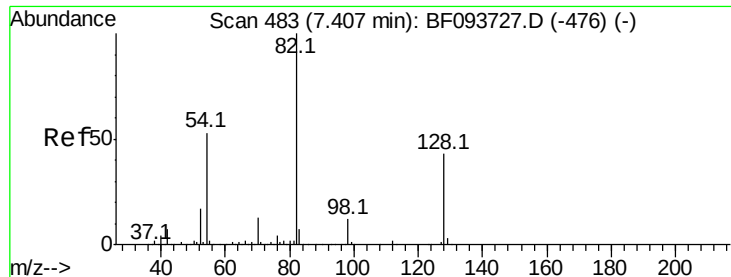
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



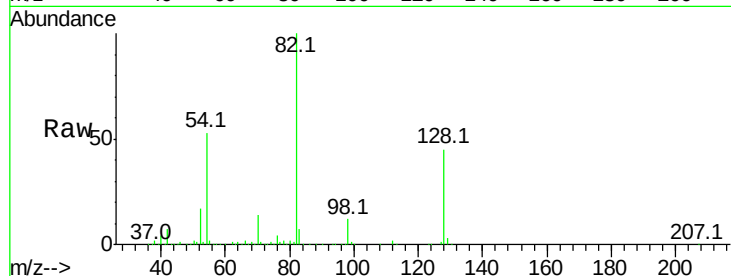


#23
 Nitrobenzene-d5
 Concen: 103.34 ng
 RT: 7.41 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF093747.D
 Acq: 18 Mar 2017 12:11

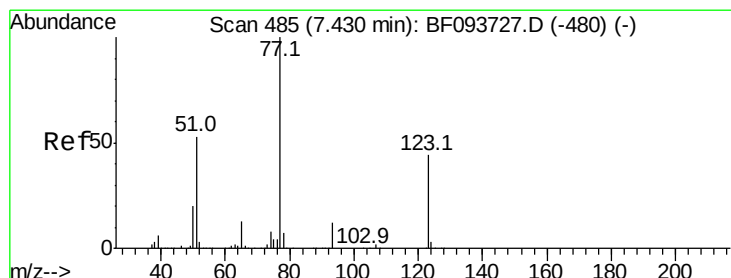
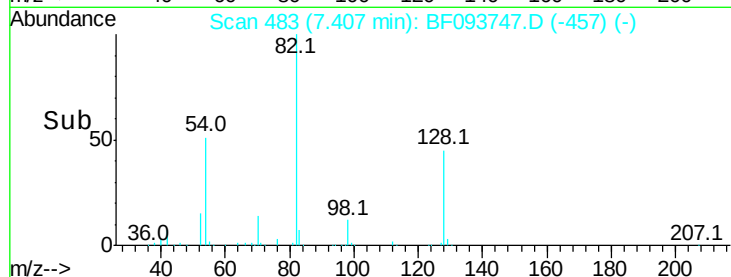
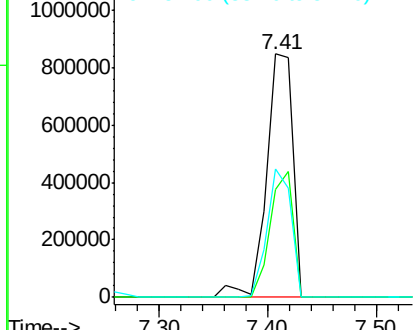
Instrument :
 BNA_F
 ClientSampleId :
 MW-102SMS

Tot Ion: 82 Resp: 1413139

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.0	51.0
54	52.8	42.2	63.2



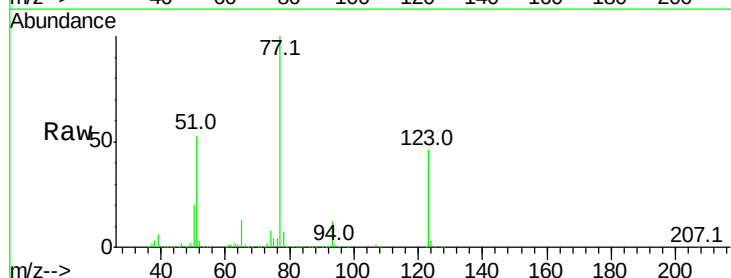
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



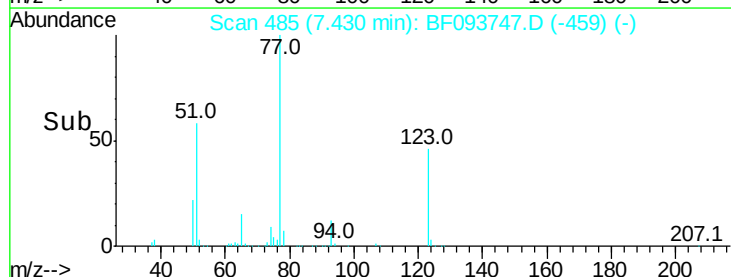
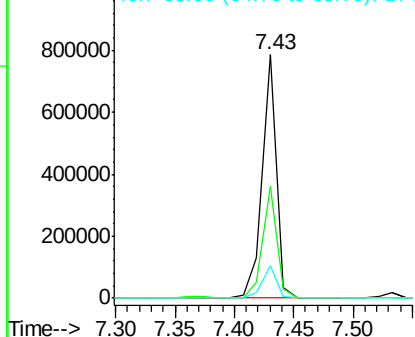
#24
 Nitrobenzene
 Concen: 44.57 ng
 RT: 7.43 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: BF093747.D
 Acq: 18 Mar 2017 12:11

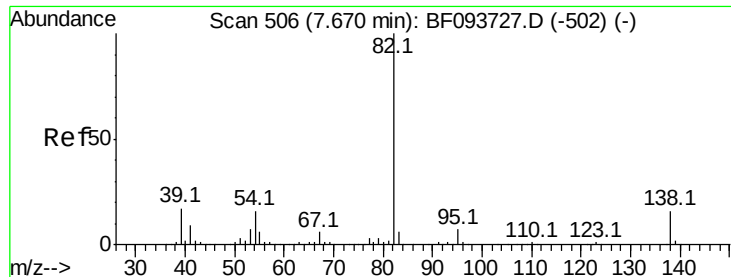
Tgt Ion: 77 Resp: 658864

Ion	Ratio	Lower	Upper
77	100		
123	46.0	35.8	53.8
65	13.5	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 49.00 ng

RT: 7.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

MW-102SMS

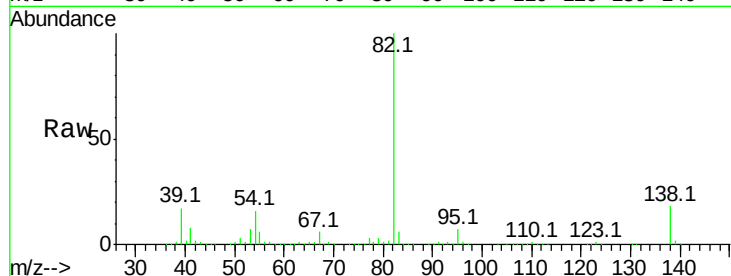
Tot Ion: 82 Resp: 1289744

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

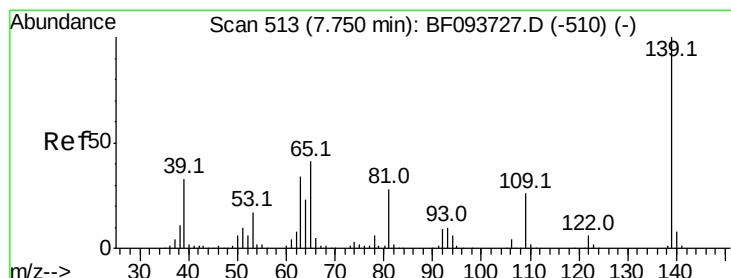
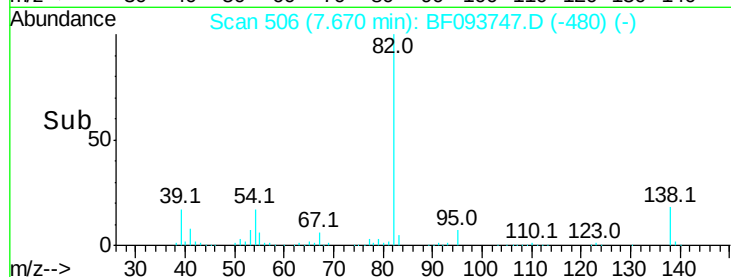
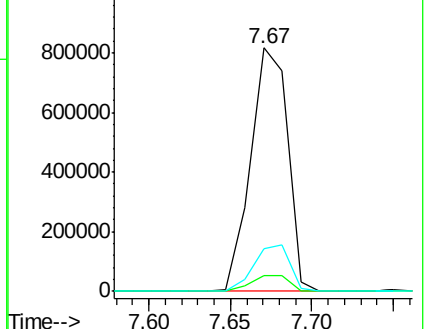
138 17.6 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 63.58 ng

RT: 7.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

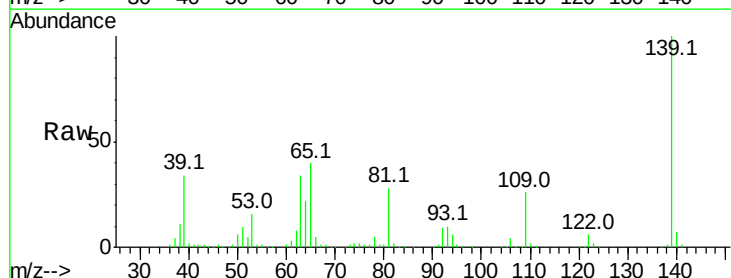
Tgt Ion:139 Resp: 355876

Ion Ratio Lower Upper

139 100

109 26.2 21.0 31.6

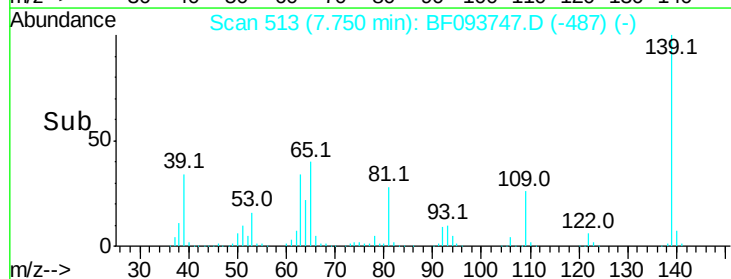
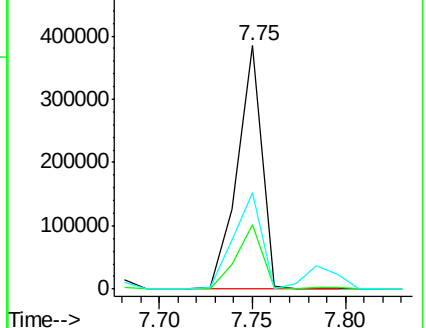
65 39.7 33.0 49.6

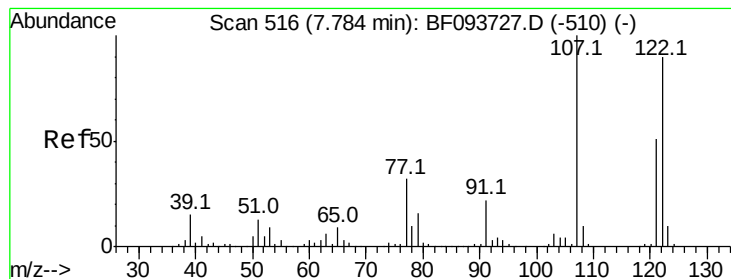


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 44.54 ng

RT: 7.78 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

MW-102SMS

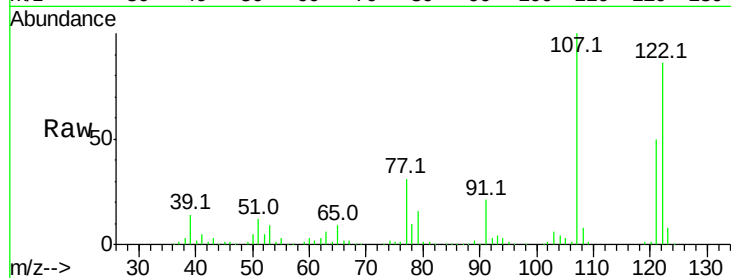
Tot Ion:122 Resp: 570525

Ion Ratio Lower Upper

122 100

107 115.8 89.2 133.8

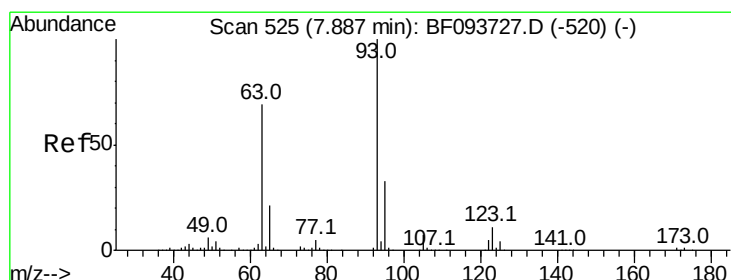
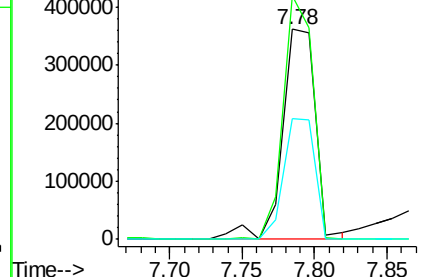
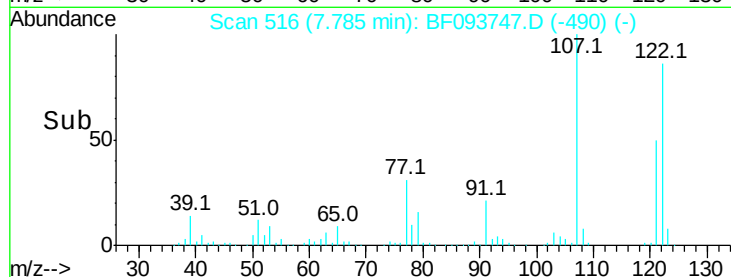
121 57.7 45.2 67.8



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: 49.47 ng

RT: 7.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

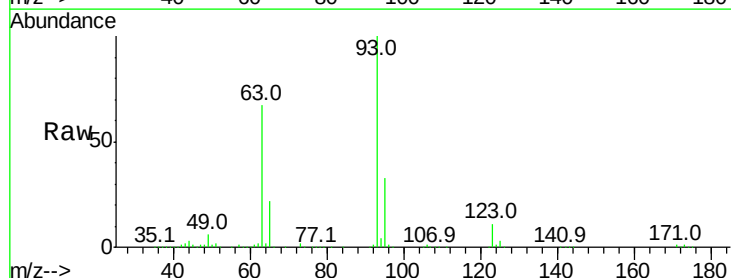
Tgt Ion: 93 Resp: 821875

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

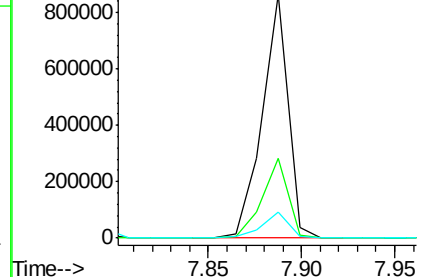
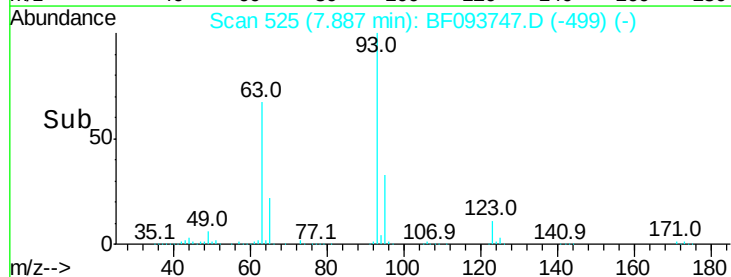
123 10.8 9.0 13.4

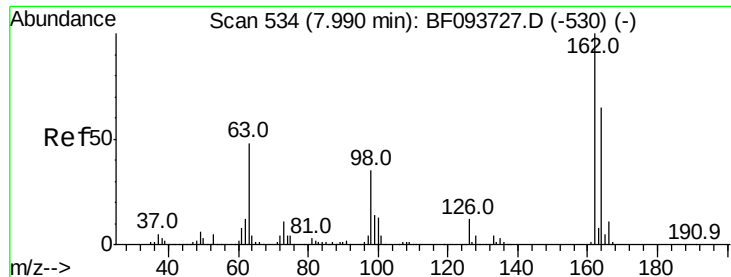


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.76 ng

RT: 7.99 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

MW-102SMS

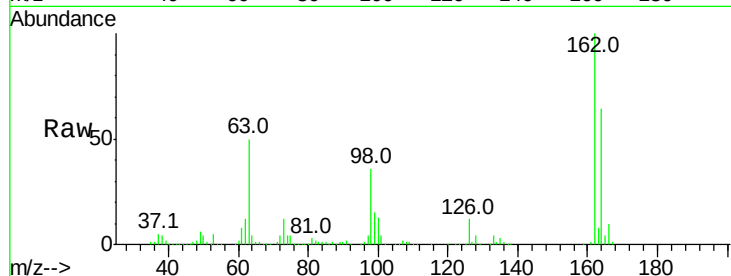
Tot Ion:162 Resp: 536575

Ion Ratio Lower Upper

162 100

164 63.9 44.6 84.6

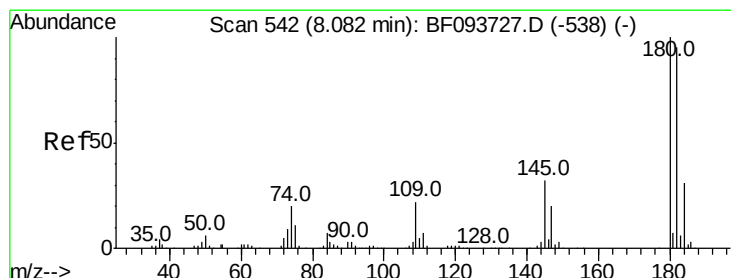
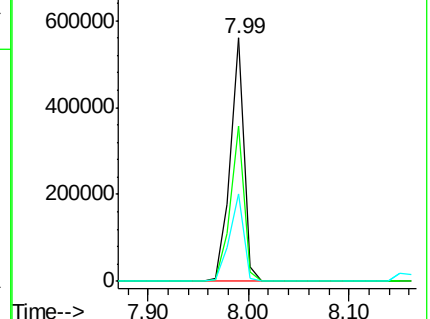
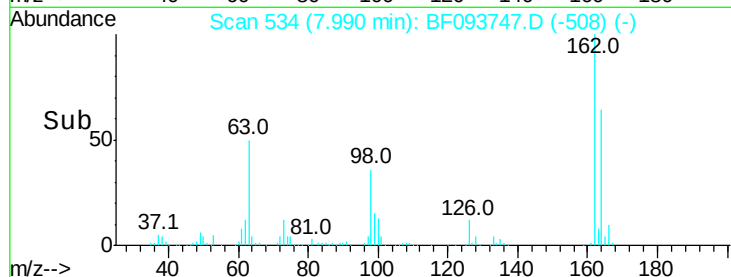
98 35.7 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 47.49 ng

RT: 8.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

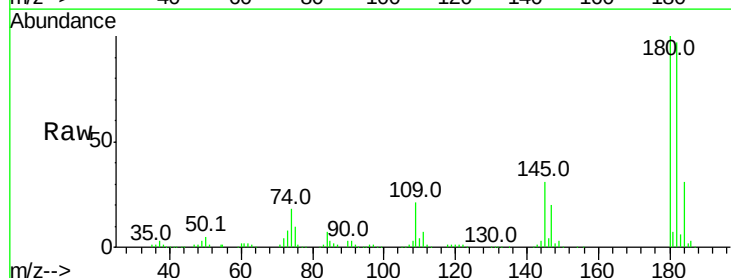
Tgt Ion:180 Resp: 544713

Ion Ratio Lower Upper

180 100

182 96.6 75.8 113.6

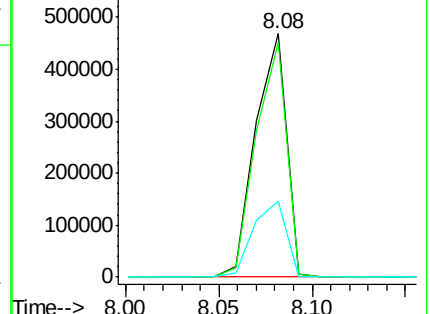
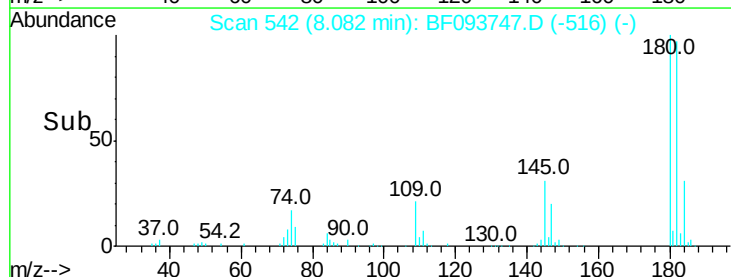
145 31.2 25.3 37.9

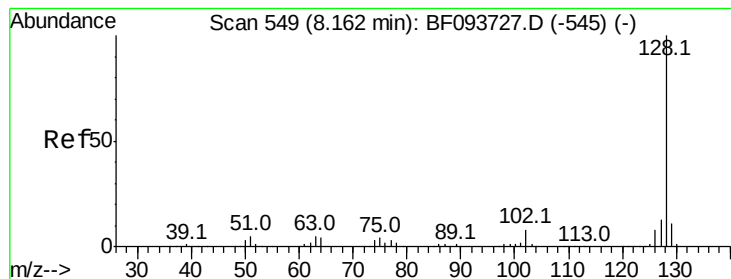


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.16 ng

RT: 8.16 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

MW-102SMS

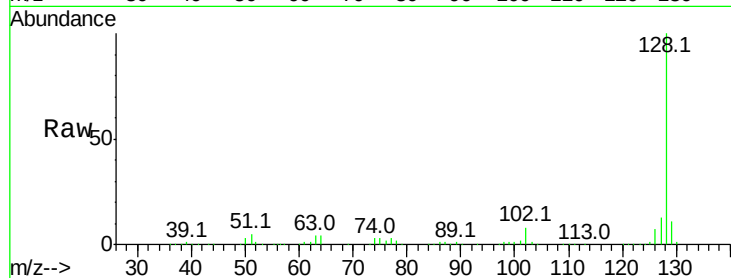
Tot Ion:128 Resp: 1807277

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

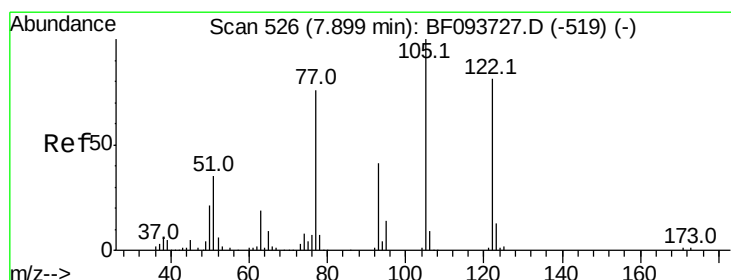
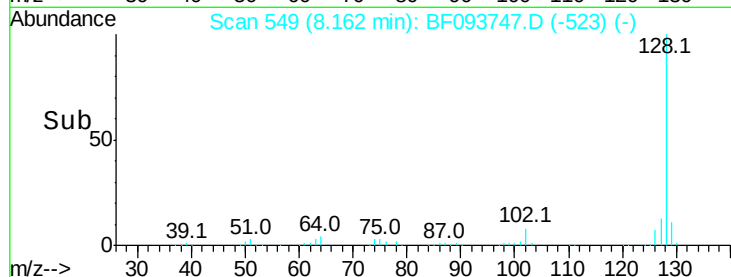
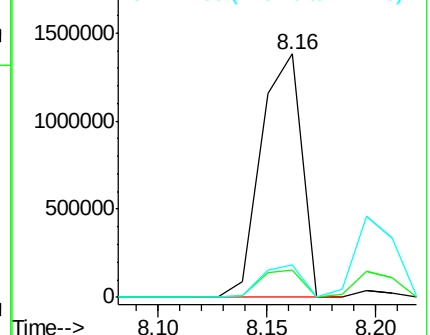
127 13.4 10.8 16.2



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: 15.91 ng

RT: 7.86 min Scan# 523

Delta R.T. -0.03 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

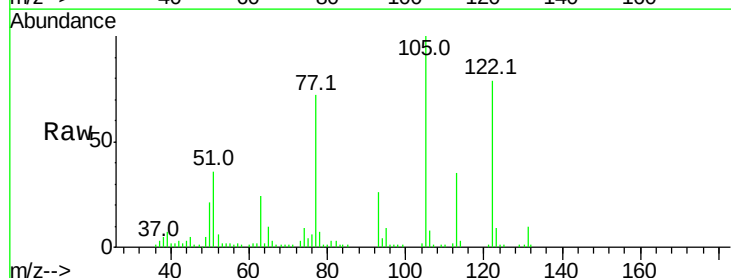
Tgt Ion:122 Resp: 103813

Ion Ratio Lower Upper

122 100

105 126.6 103.3 143.3

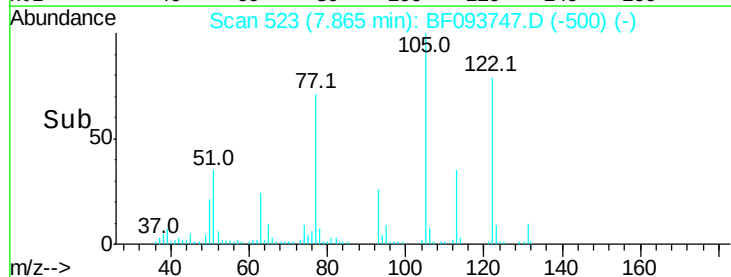
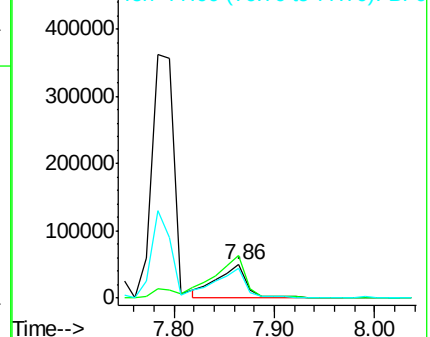
77 91.6 73.7 113.7

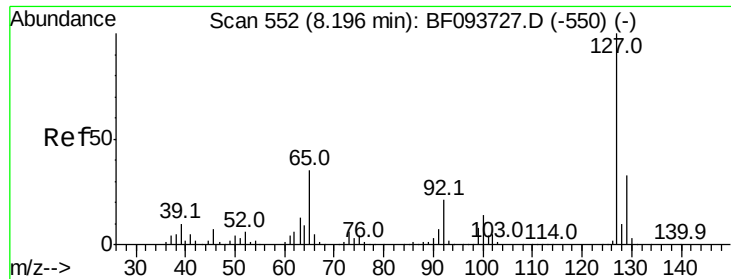


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

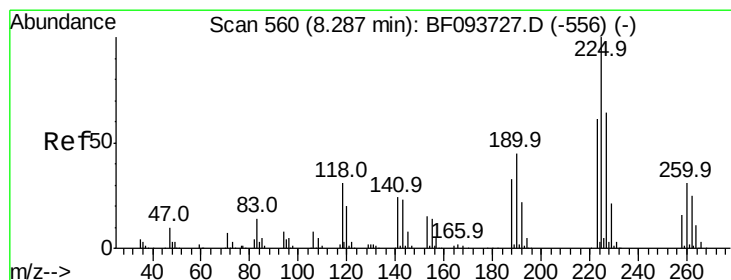
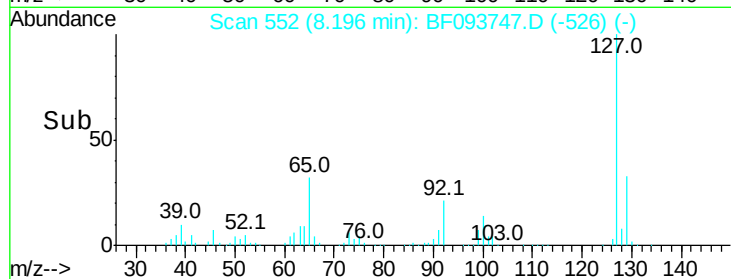
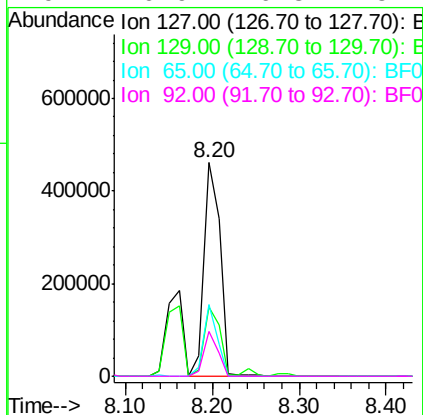
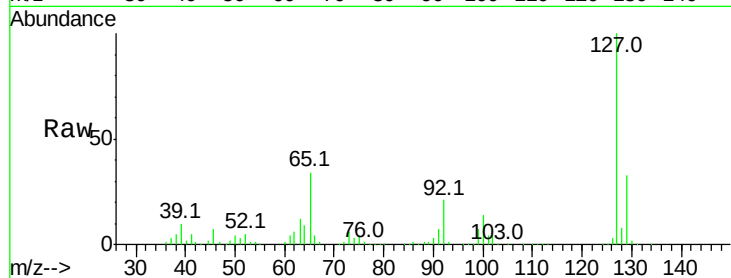




#33
 4-Chloroaniline
 Concen: 35.28 ng
 RT: 8.20 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF093747.D
 Acq: 18 Mar 2017 12:11

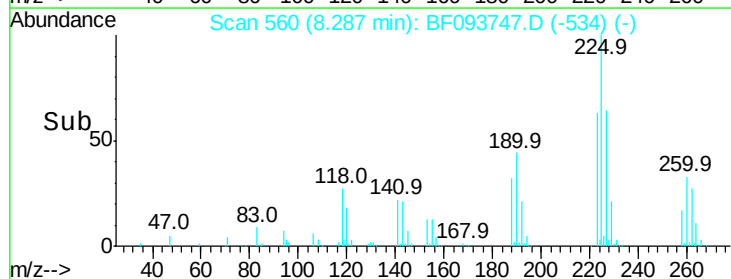
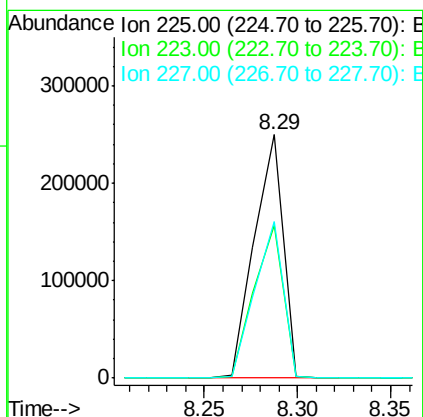
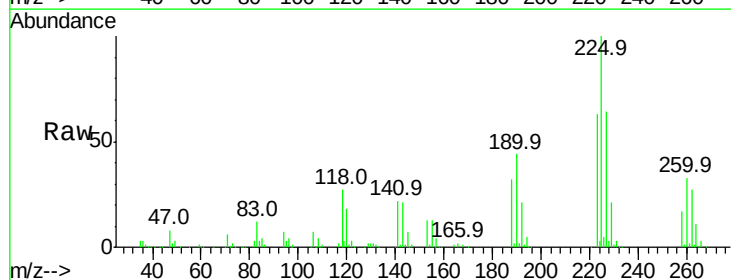
Instrument :
 BNA_F
 ClientSampleId :
 MW-102SMS

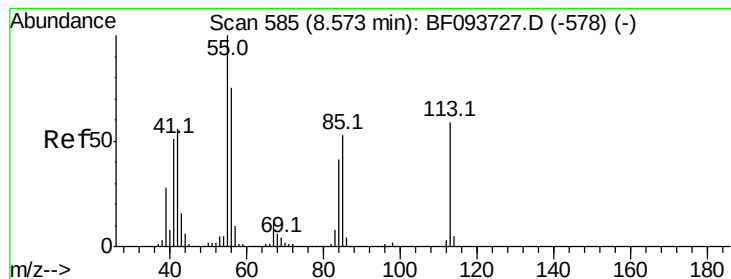
Tot Ion:	127	Resp:	591260
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	33.5	27.8	41.8
92	20.9	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 44.54 ng
 RT: 8.29 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: BF093747.D
 Acq: 18 Mar 2017 12:11

Tgt Ion:	225	Resp:	267573
Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.8	73.2
227	64.2	51.1	76.7





#35

Caprolactam

Concen: 6.95 ng

RT: 8.56 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

MW-102SMS

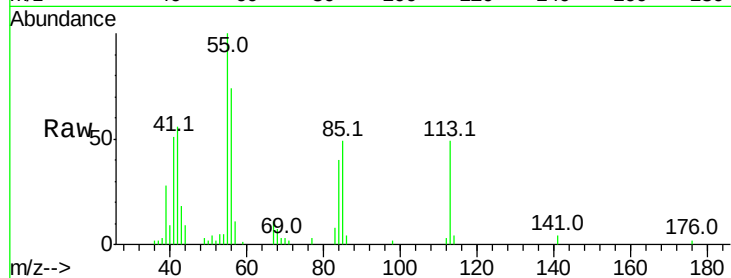
Tot Ion:113 Resp: 25655

Ion Ratio Lower Upper

113 100

55 205.2 150.2 190.2#

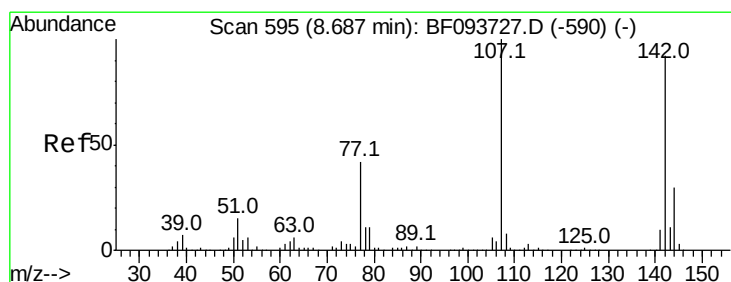
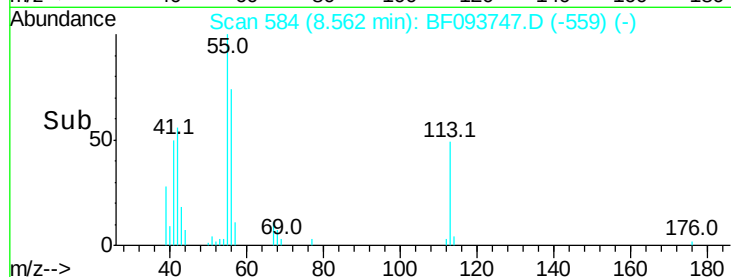
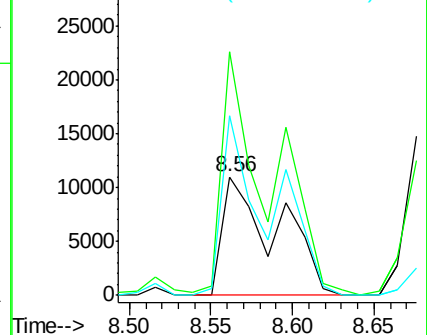
56 151.3 107.8 147.8#



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: 42.55 ng

RT: 8.68 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

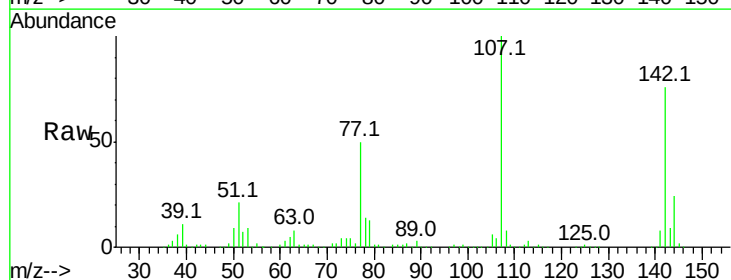
Tgt Ion:107 Resp: 493030

Ion Ratio Lower Upper

107 100

144 24.2 24.2 36.4#

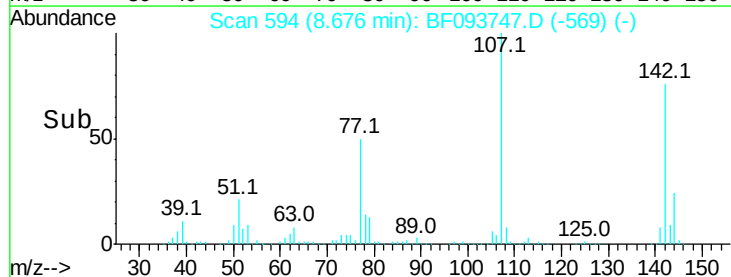
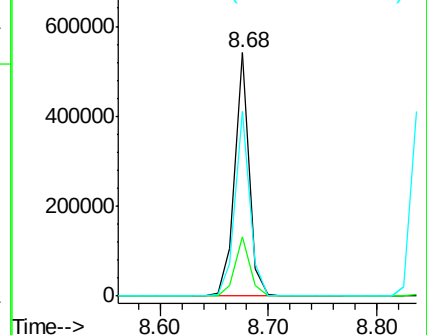
142 75.9 73.4 110.0

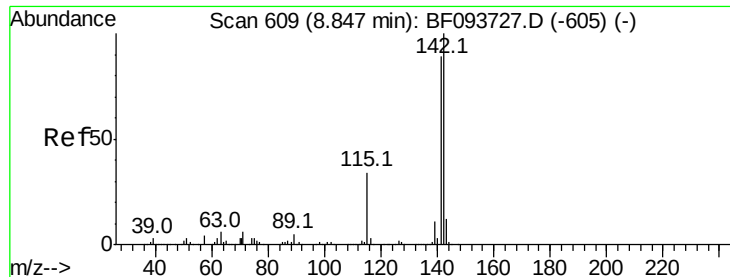


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.94 ng

RT: 8.85 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

MW-102SMS

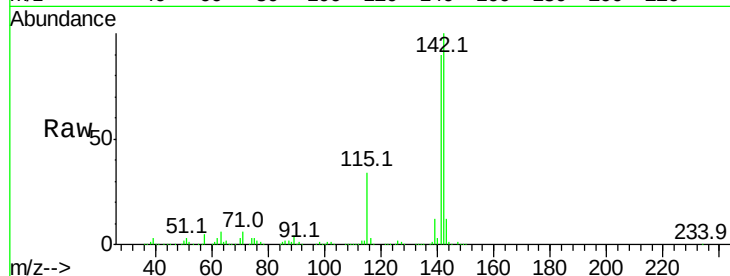
Tot Ion:142 Resp: 1216616

Ion Ratio Lower Upper

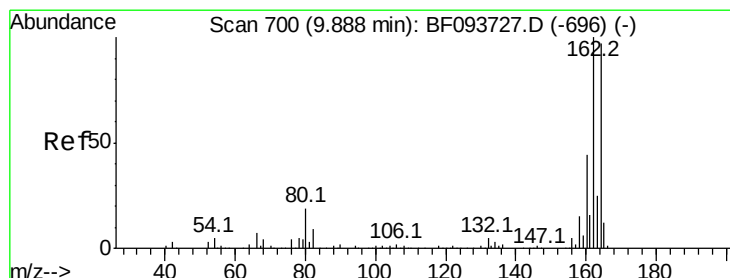
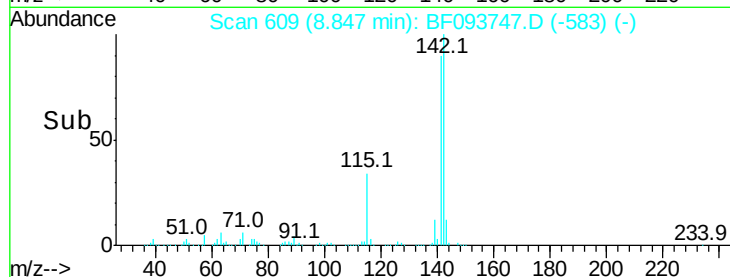
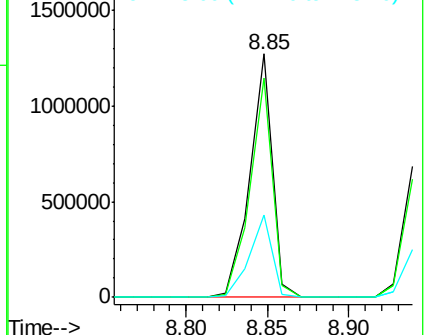
142 100

141 89.9 71.3 106.9

115 33.7 27.1 40.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

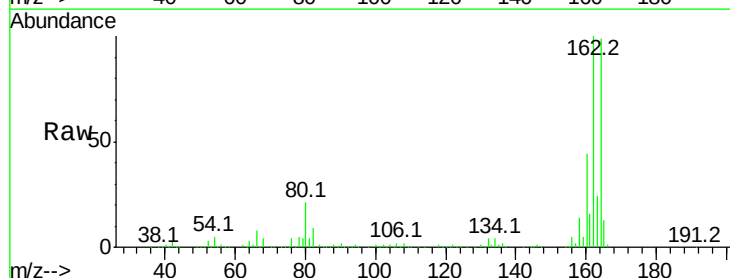
Tgt Ion:164 Resp: 385712

Ion Ratio Lower Upper

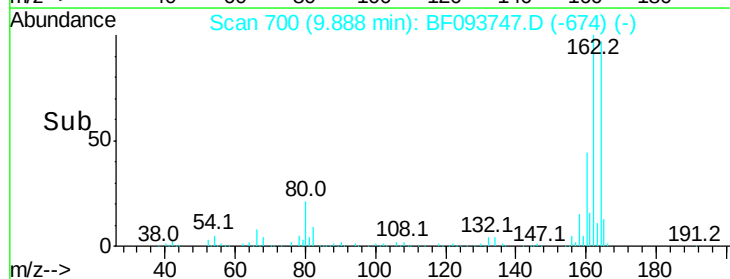
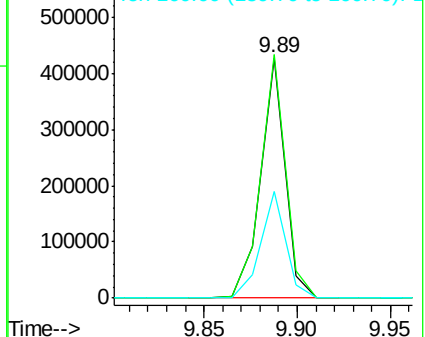
164 100

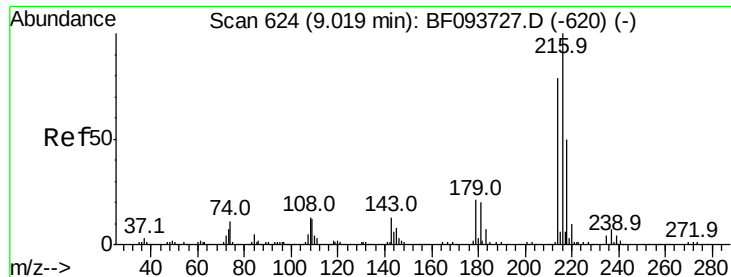
162 101.3 82.6 123.8

160 44.5 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: 52.83 ng

RT: 9.02 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

MW-102SMS

Tot Ion:216 Resp: 477166

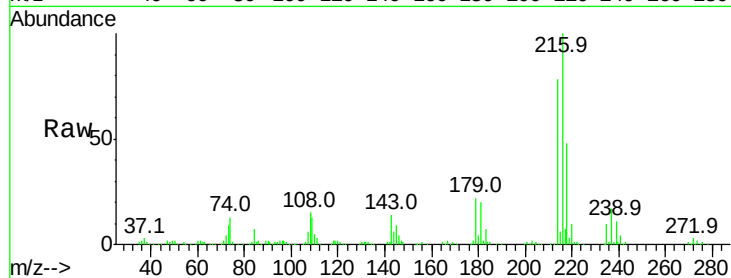
Ion Ratio Lower Upper

216 100

214 78.4 63.4 95.2

179 22.8 17.9 26.9

108 21.8 16.5 24.7

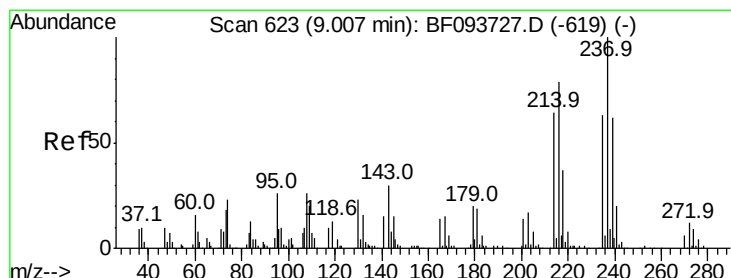
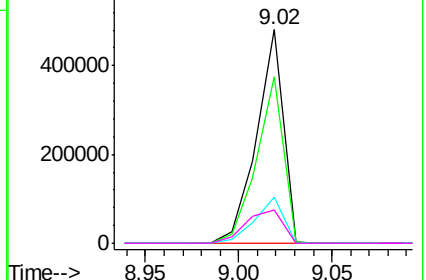
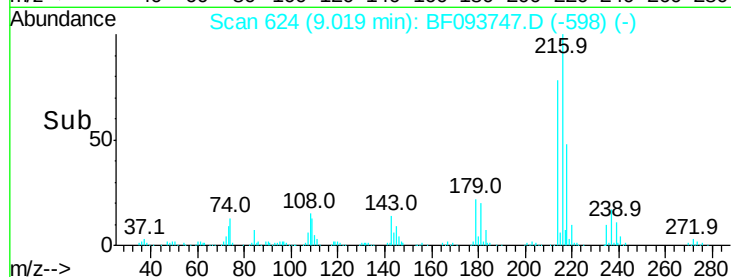


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 86.40 ng

RT: 9.01 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

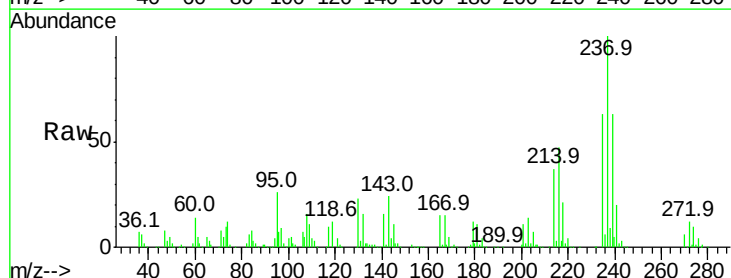
Tgt Ion:237 Resp: 389864

Ion Ratio Lower Upper

237 100

235 63.0 42.6 82.6

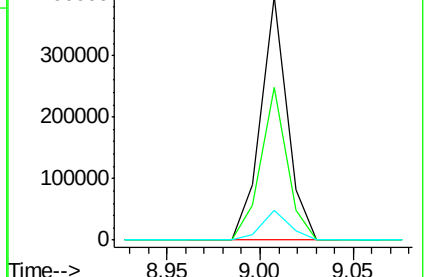
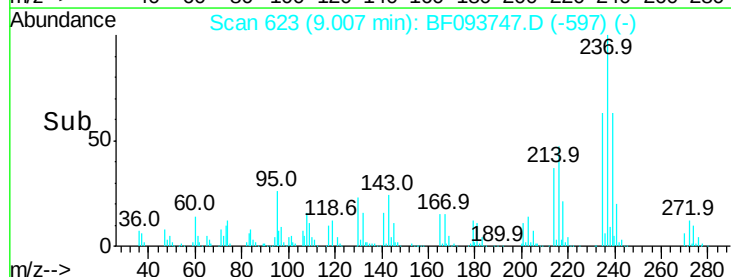
272 12.3 0.0 31.9

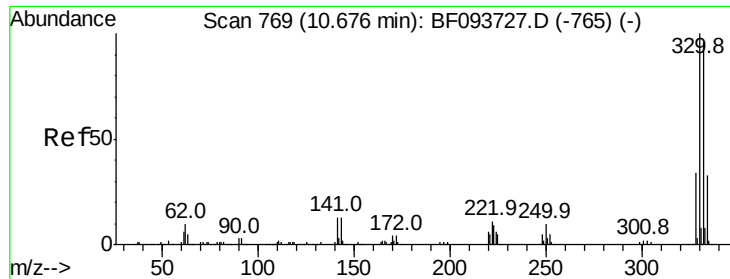


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

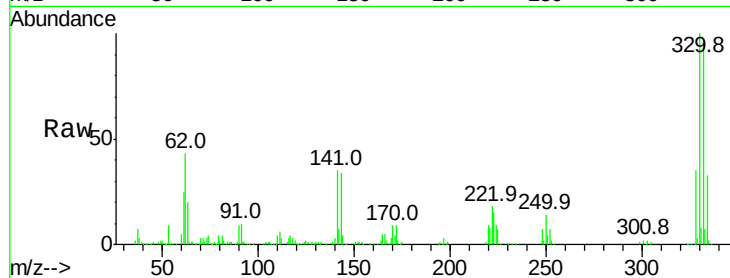




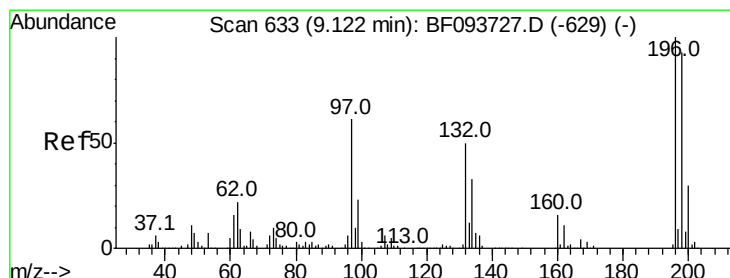
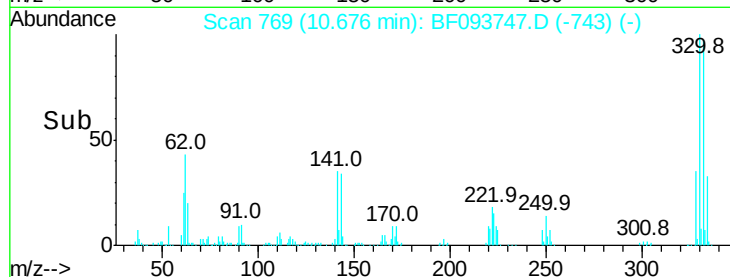
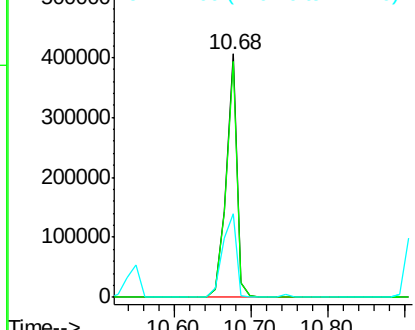
#41
 2,4,6-Tribromophenol
 Concen: 161.78 ng
 RT: 10.68 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF093747.D
 Acq: 18 Mar 2017 12:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-102SMS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	43.7	31.4	47.2

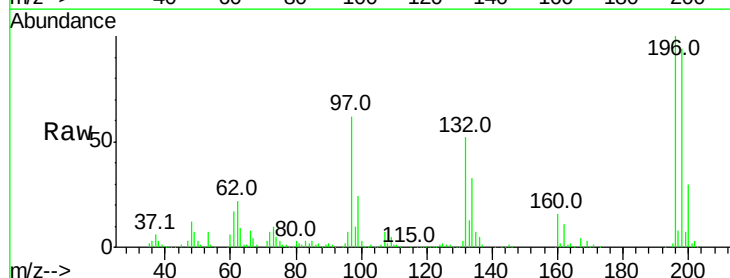


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

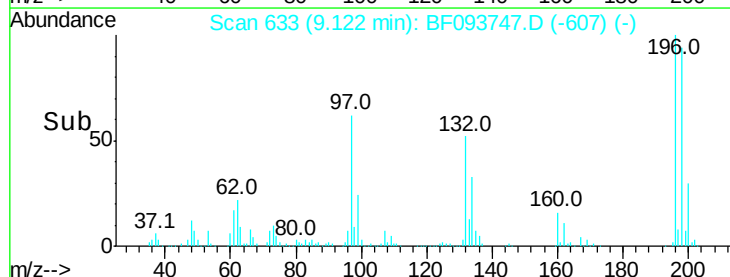
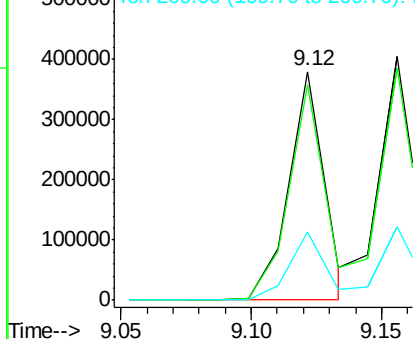


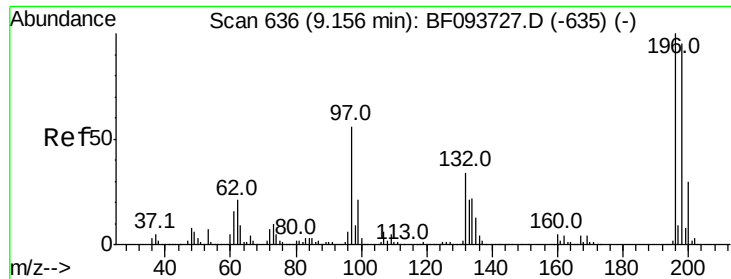
#42
 2,4,6-Trichlorophenol
 Concen: 53.95 ng
 RT: 9.12 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF093747.D
 Acq: 18 Mar 2017 12:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	74.2	111.4
200	29.9	24.0	36.0



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

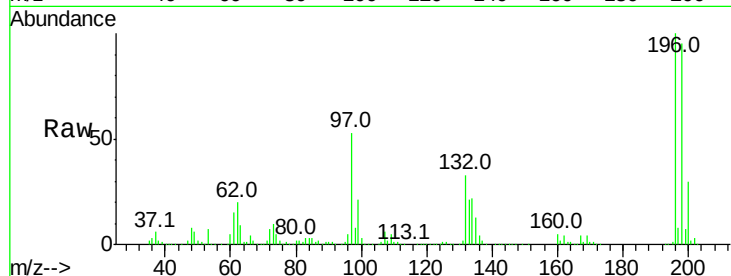




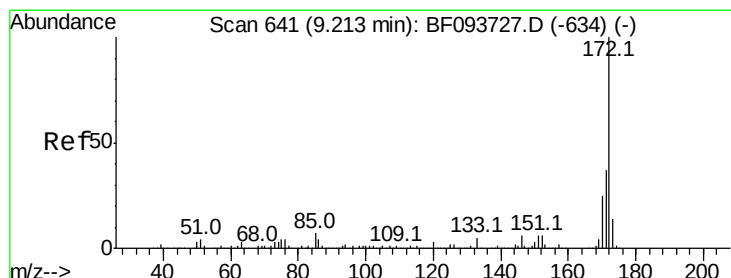
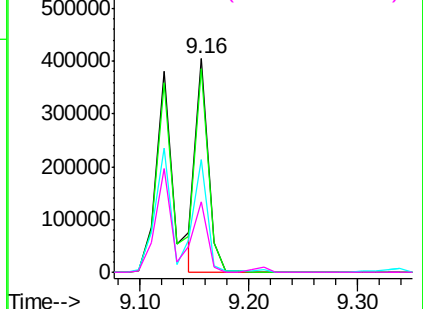
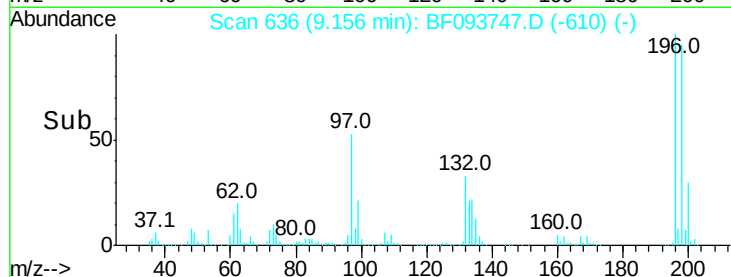
#43
 2,4,5-Trichlorophenol
 Concen: 46.76 ng
 RT: 9.16 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF093747.D
 Acq: 18 Mar 2017 12:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-102SMS

Tot Ion:196 Resp: 321048
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 97 53.0 47.7 71.5
 132 33.1 28.0 42.0

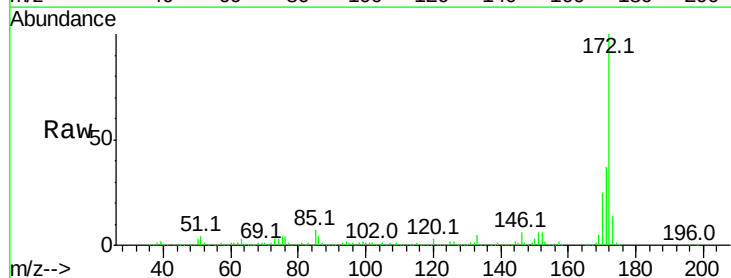


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

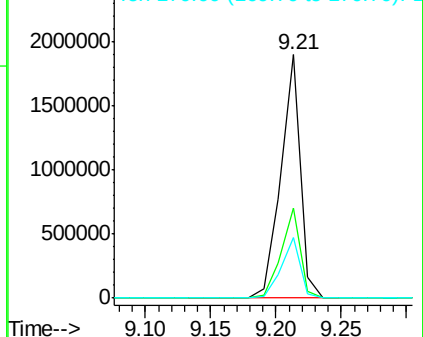
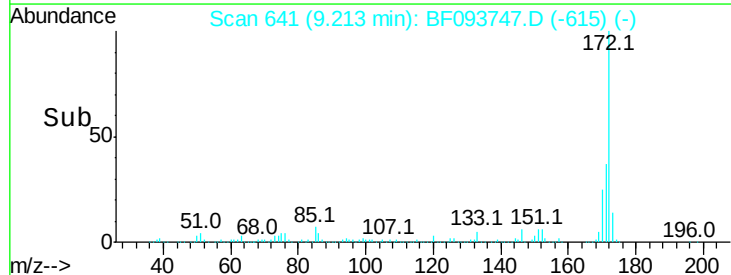


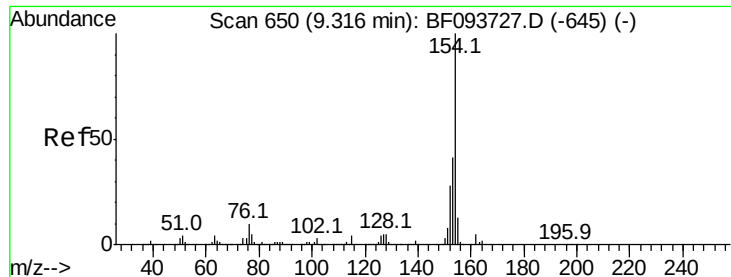
#44
 2-Fluorobiphenyl
 Concen: 97.82 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093747.D
 Acq: 18 Mar 2017 12:11

Tgt Ion:172 Resp: 1999411
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.8 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: 54.77 ng

RT: 9.32 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

MW-102SMS

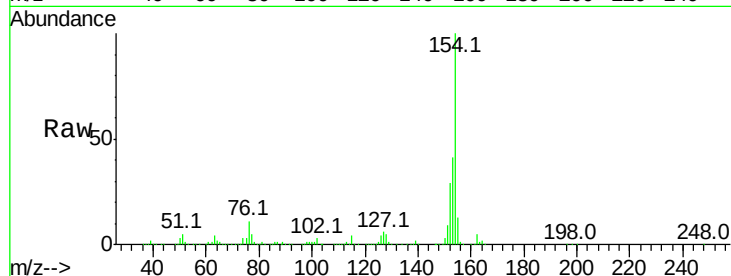
Tot Ion:154 Resp: 1481311

Ion Ratio Lower Upper

154 100

153 41.3 21.2 61.2

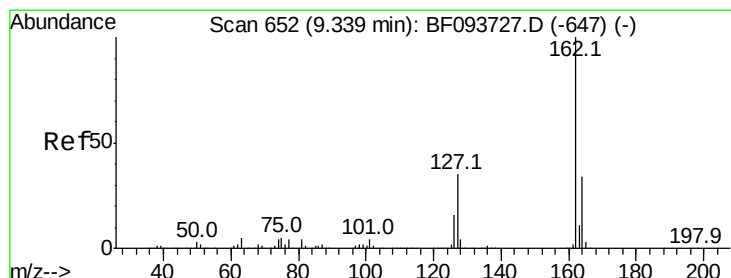
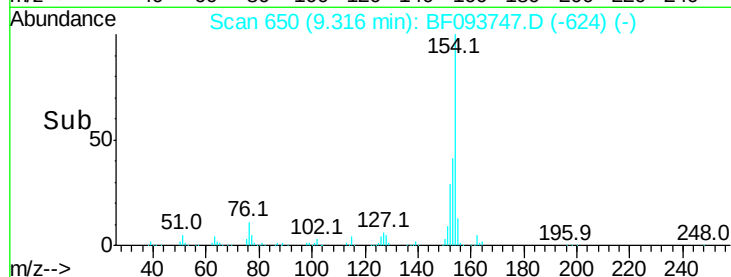
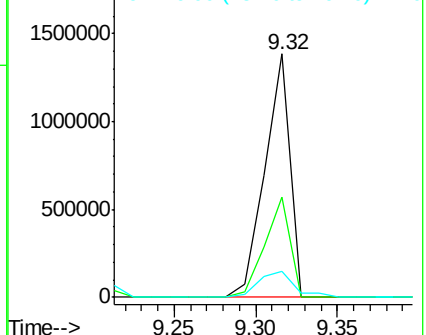
76 10.7 0.0 29.9



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: 54.74 ng

RT: 9.34 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

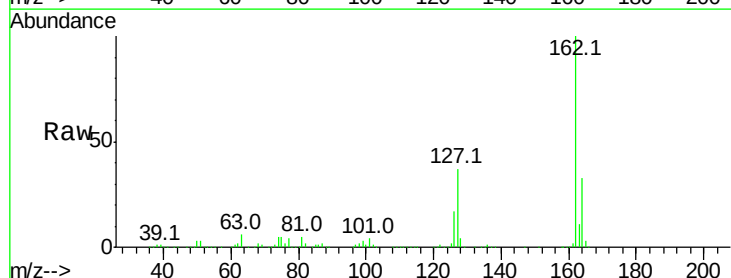
Tgt Ion:162 Resp: 1187955

Ion Ratio Lower Upper

162 100

127 36.8 28.3 42.5

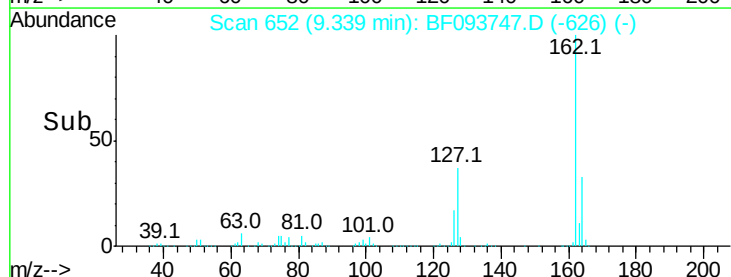
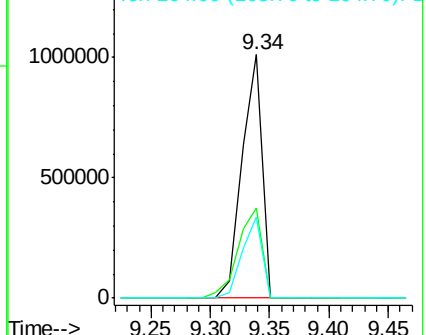
164 33.3 27.0 40.4

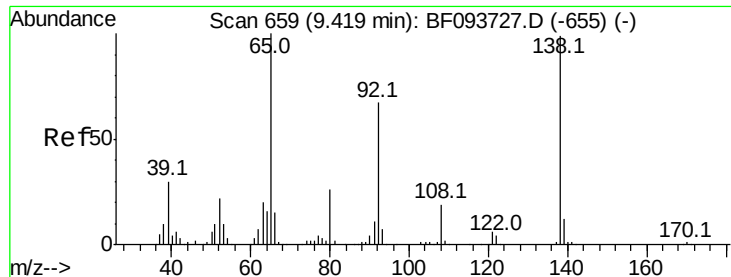


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

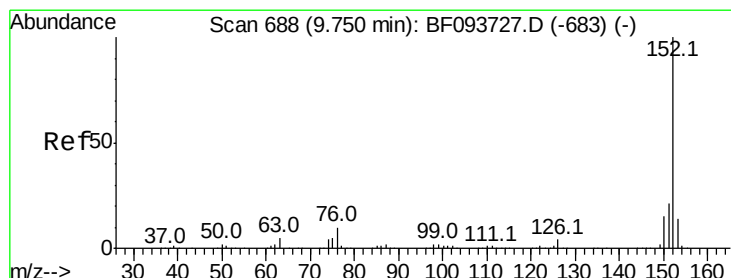
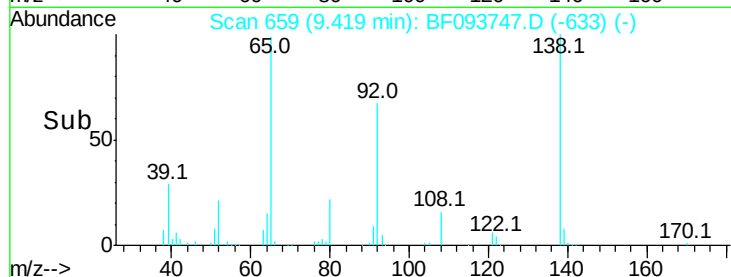
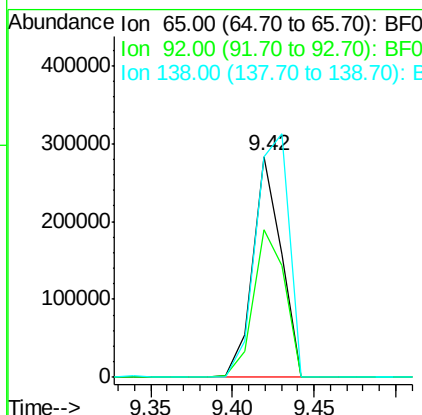
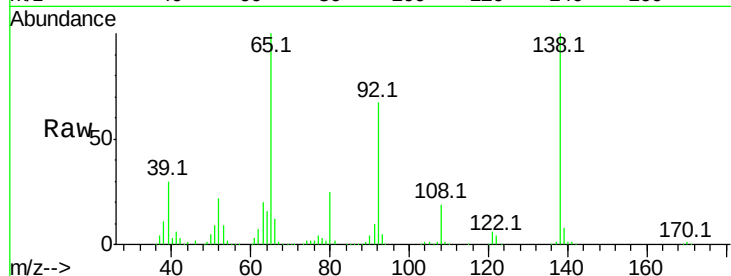




#47
2-Nitroaniline
Concen: 54.70 ng
RT: 9.42 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF093747.D
Acq: 18 Mar 2017 12:11

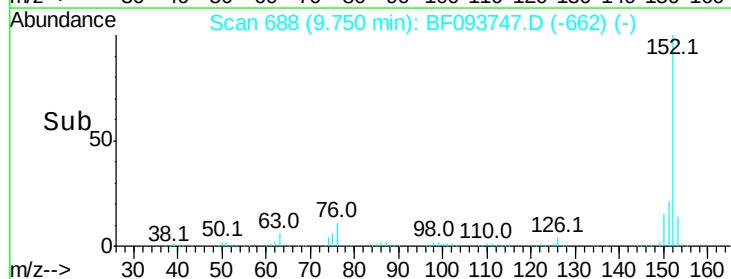
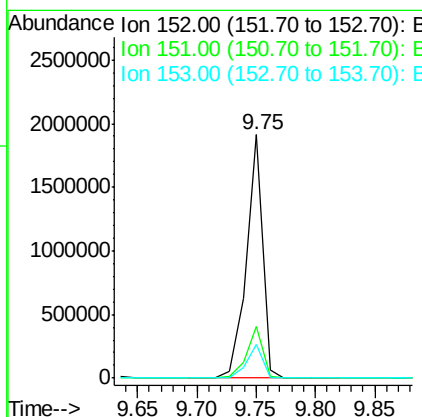
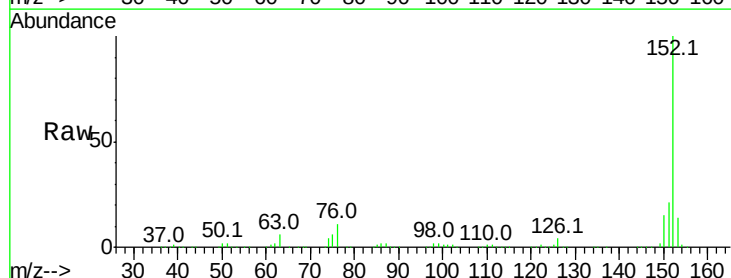
Instrument :
BNA_F
ClientSampleId :
MW-102SMS

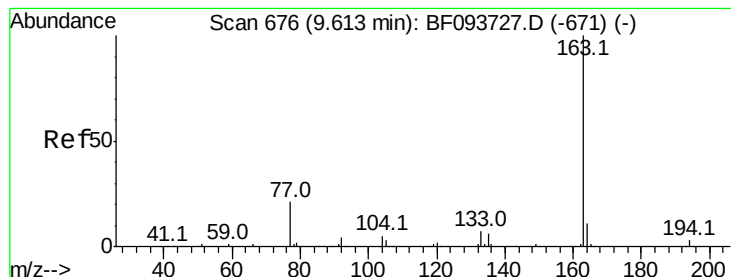
Tot Ion: 65 Resp: 343449
Ion Ratio Lower Upper
65 100
92 66.6 53.9 80.9
138 99.6 78.8 118.2



#48
Acenaphthylene
Concen: 51.55 ng
RT: 9.75 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF093747.D
Acq: 18 Mar 2017 12:11

Tgt Ion: 152 Resp: 1824369
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2
153 13.8 10.8 16.2





#49

Dimethylphthalate

Concen: 52.79 ng

RT: 9.61 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

MW-102SMS

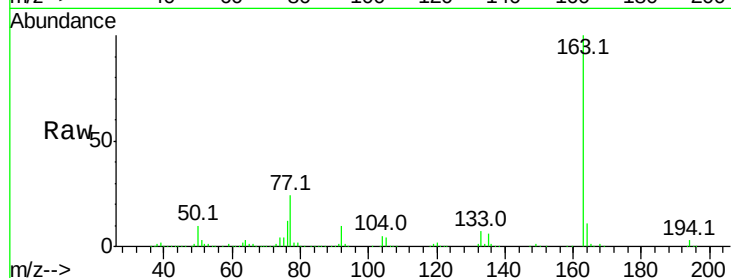
Tot Ion:163 Resp: 1329890

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

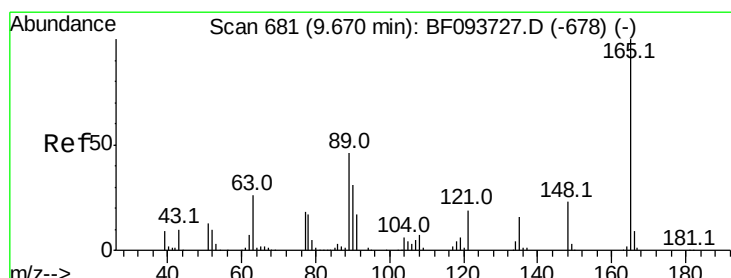
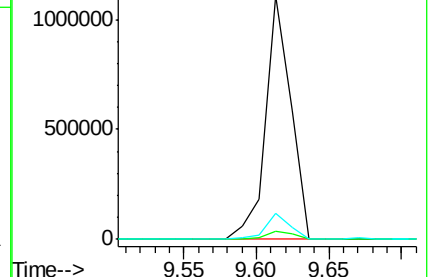
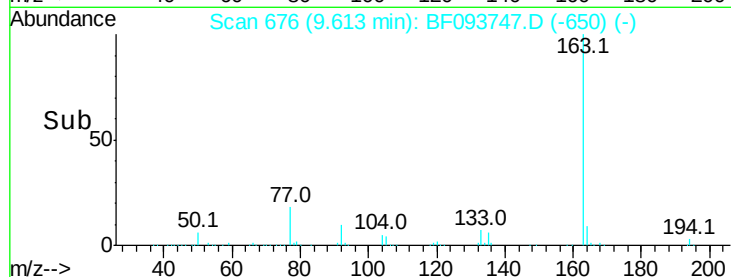
164 10.9 8.4 12.6



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: 59.98 ng

RT: 9.67 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

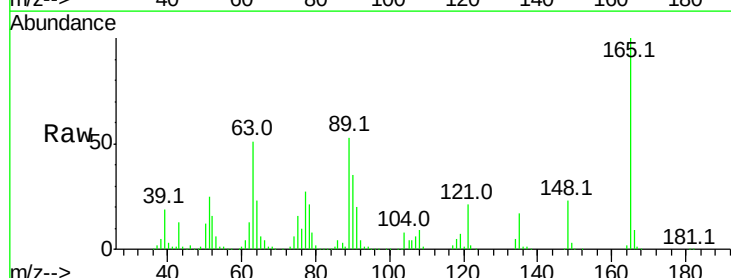
Tgt Ion:165 Resp: 326381

Ion Ratio Lower Upper

165 100

63 50.5 34.3 51.5

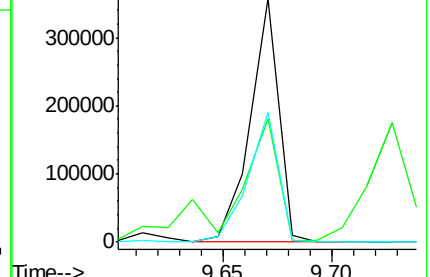
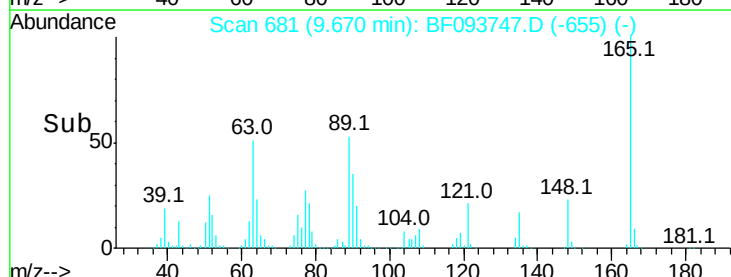
89 53.0 37.1 55.7

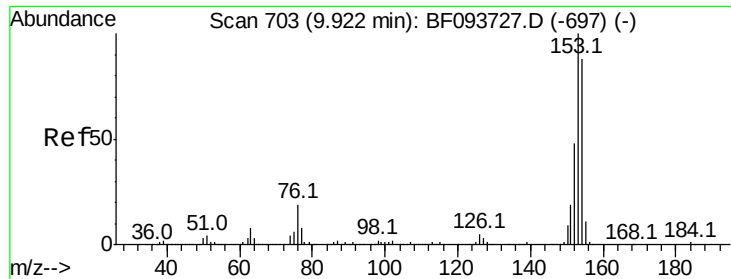


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 58.12 ng

RT: 9.92 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

MW-102SMS

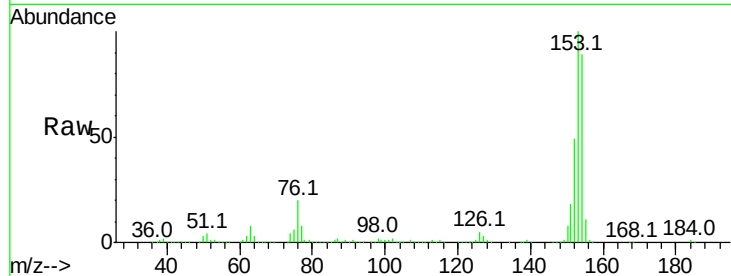
Tot Ion:154 Resp: 1212126

Ion Ratio Lower Upper

154 100

153 111.8 90.5 135.7

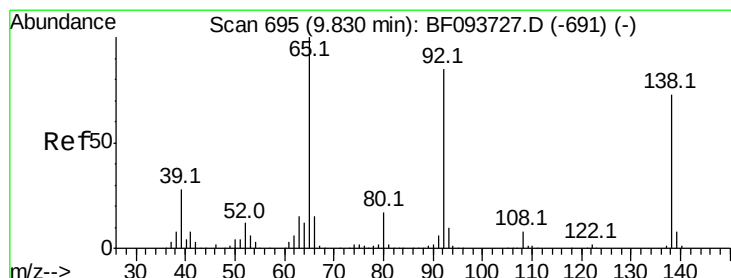
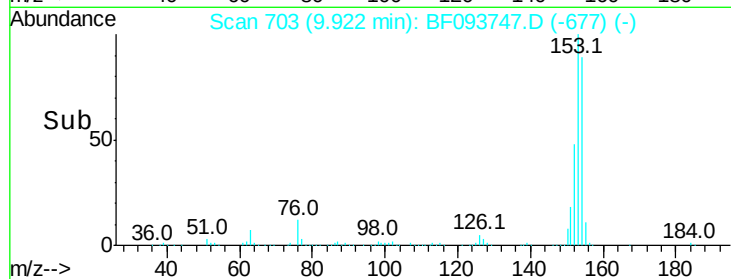
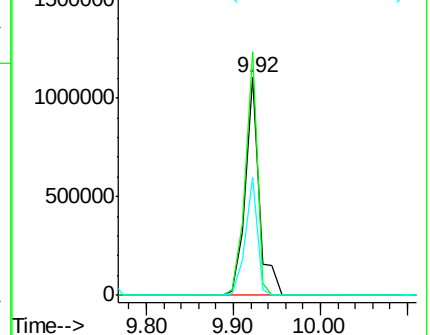
152 54.4 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.25 ng

RT: 9.83 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

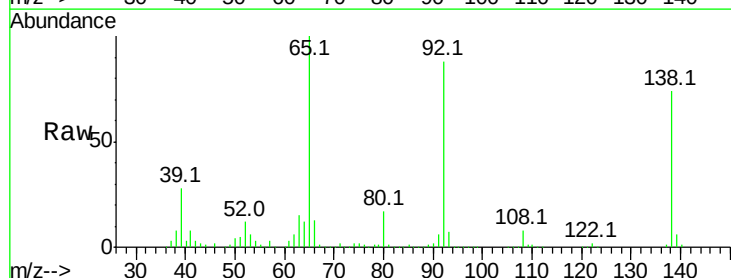
Tgt Ion:138 Resp: 266305

Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

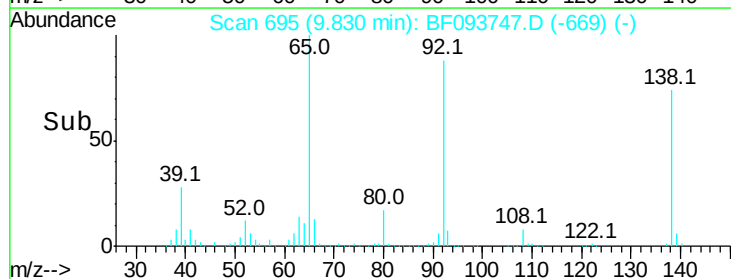
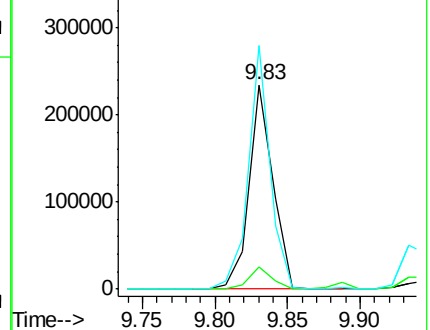
92 119.1 93.8 140.6

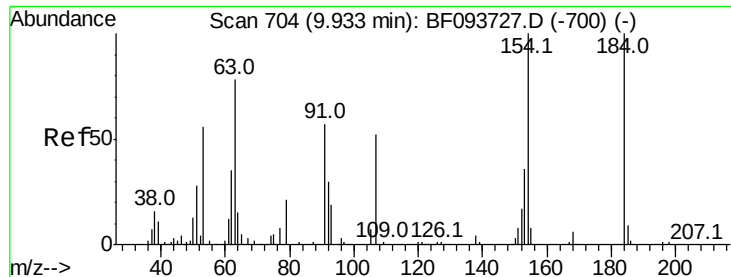


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

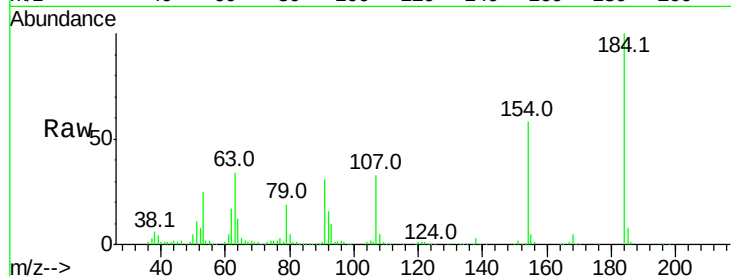




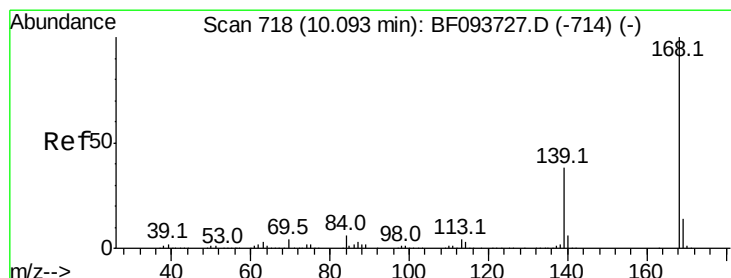
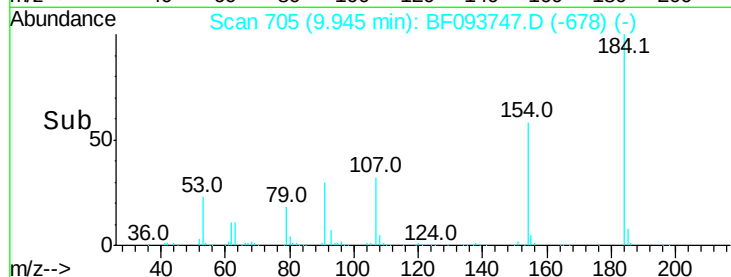
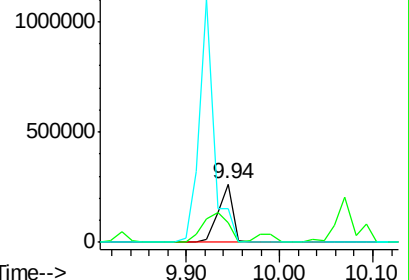
#53
2,4-Dinitrophenol
Concen: 106.28 ng
RT: 9.94 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF093747.D
Acq: 18 Mar 2017 12:11

Instrument :
BNA_F
ClientSampleId :
MW-102SMS

Tot Ion:184 Resp: 290216
Ion Ratio Lower Upper
184 100
63 34.3 62.7 94.1#
154 58.2 81.1 121.7#

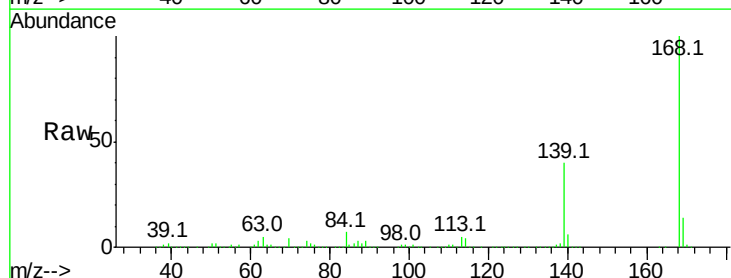


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

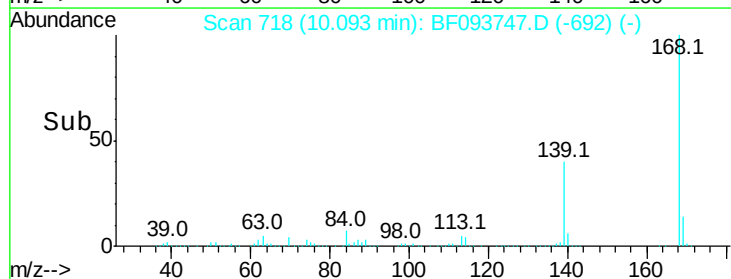
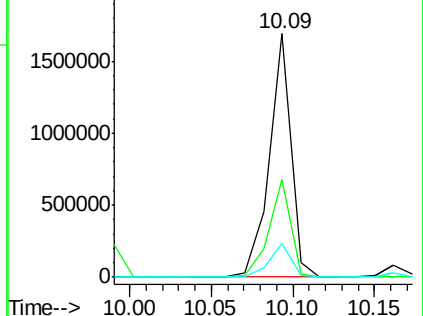


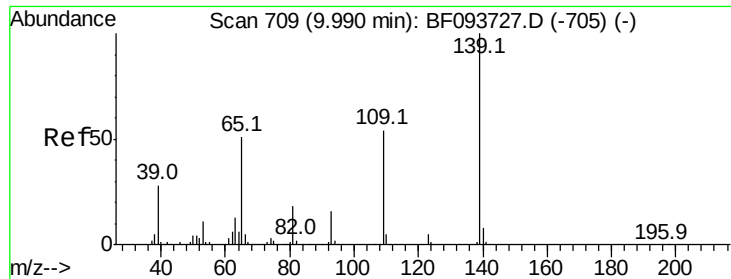
#54
Dibenzofuran
Concen: 55.10 ng
RT: 10.09 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF093747.D
Acq: 18 Mar 2017 12:11

Tgt Ion:168 Resp: 1562133
Ion Ratio Lower Upper
168 100
139 39.9 30.6 45.8
169 13.9 10.8 16.2



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

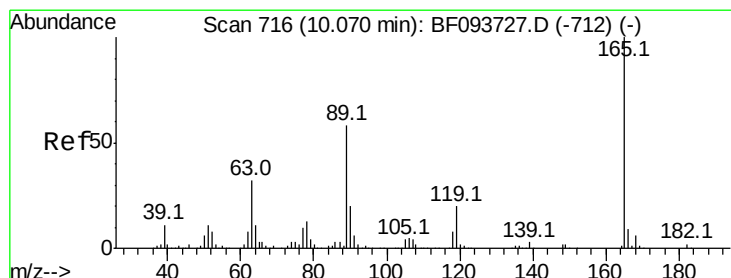
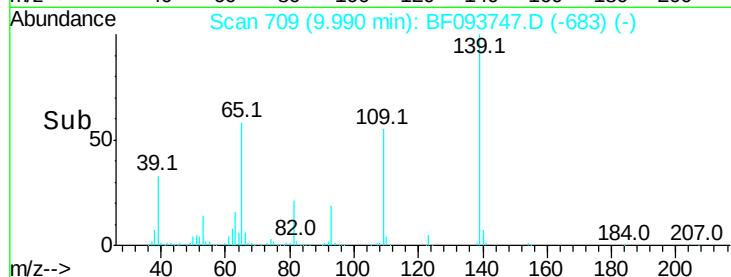
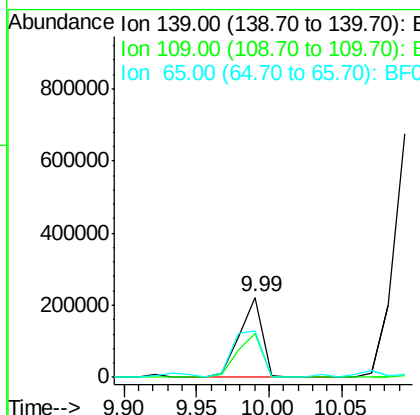
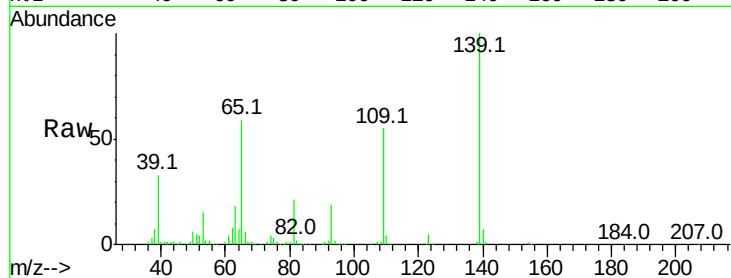




#55
4-Nitrophenol
Concen: 48.78 ng
RT: 9.99 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF093747.D
Acq: 18 Mar 2017 12:11

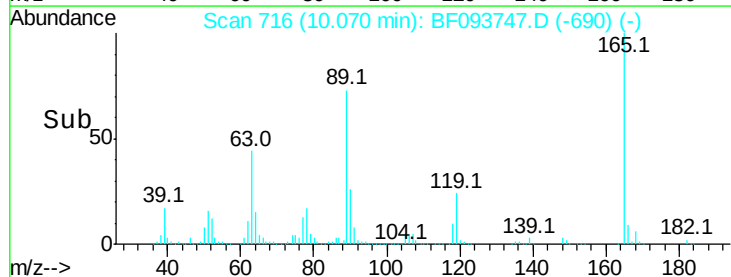
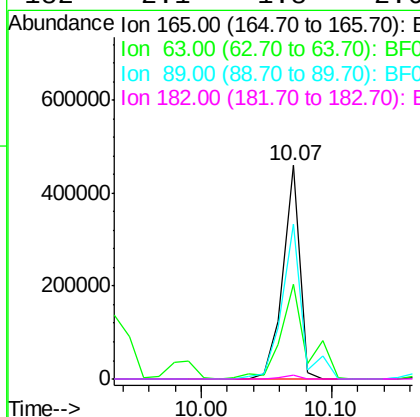
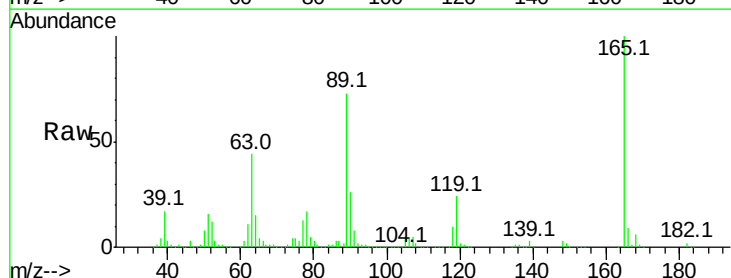
Instrument :
BNA_F
ClientSampleId :
MW-102SMS

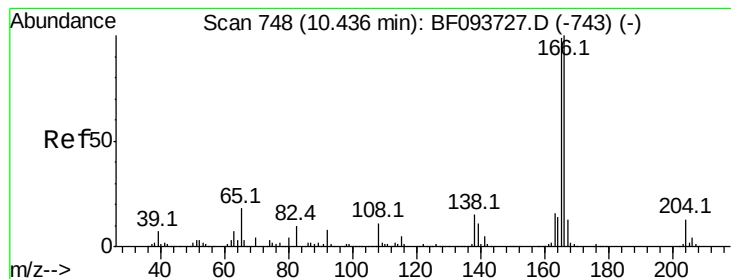
Tot Ion:139 Resp: 237593
Ion Ratio Lower Upper
139 100
109 55.1 34.1 74.1
65 58.7 31.4 71.4



#56
2,4-Dinitrotoluene
Concen: 57.74 ng
RT: 10.07 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF093747.D
Acq: 18 Mar 2017 12:11

Tgt Ion:165 Resp: 418232
Ion Ratio Lower Upper
165 100
63 44.1 25.4 38.0#
89 72.6 46.4 69.6#
182 2.1 1.8 2.6





#57

Fluorene

Concen: 49.68 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

MW-102SMS

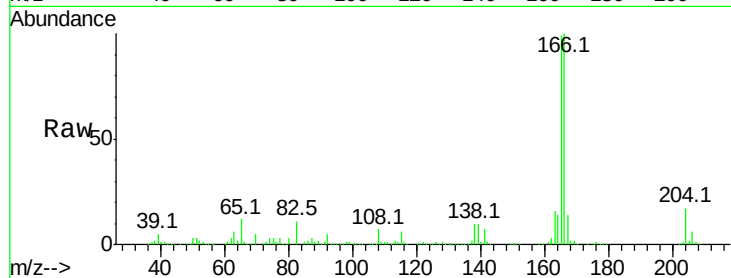
Tot Ion:166 Resp: 1142667

Ion Ratio Lower Upper

166 100

165 99.2 78.8 118.2

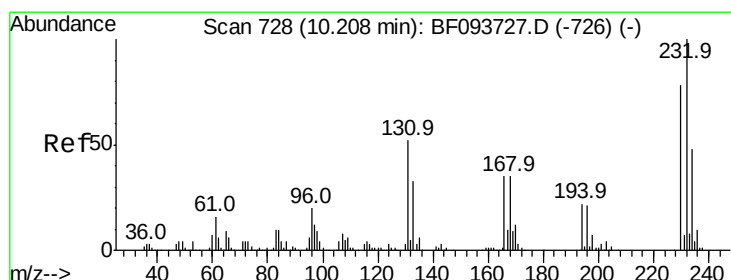
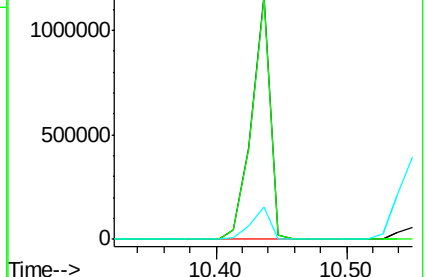
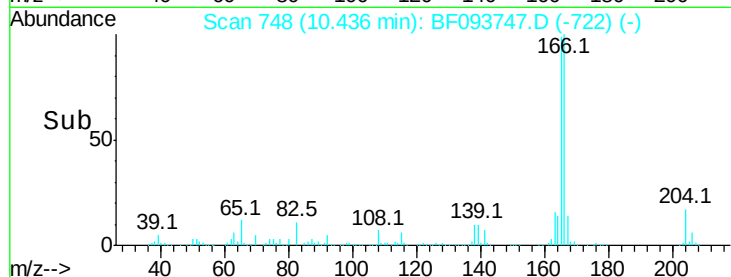
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 60.13 ng

RT: 10.21 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Tgt Ion:232 Resp: 283907

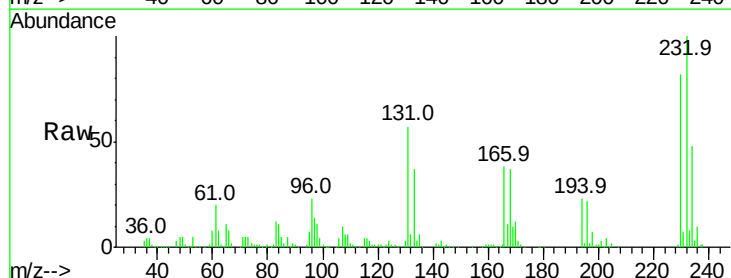
Ion Ratio Lower Upper

232 100

131 58.7 44.8 67.2

130 3.0 2.3 3.5

166 37.8 29.0 43.4

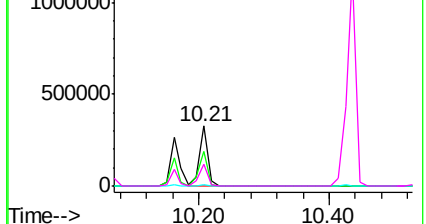
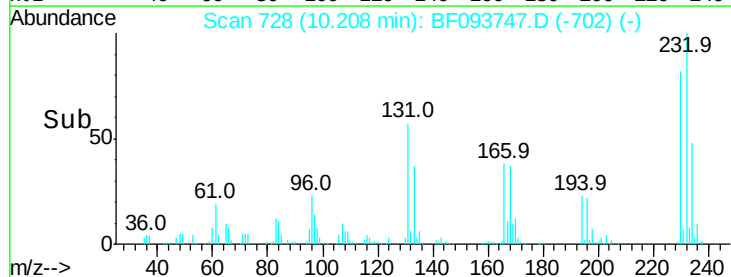


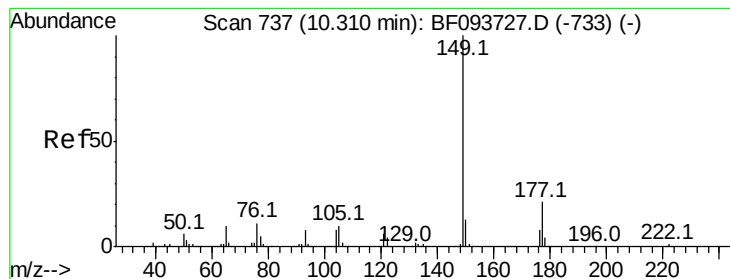
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 55.26 ng

RT: 10.31 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

MW-102SMS

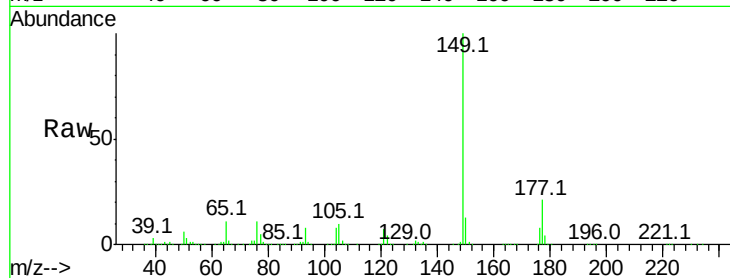
Tot Ion:149 Resp: 1325173

Ion Ratio Lower Upper

149 100

177 20.6 16.7 25.1

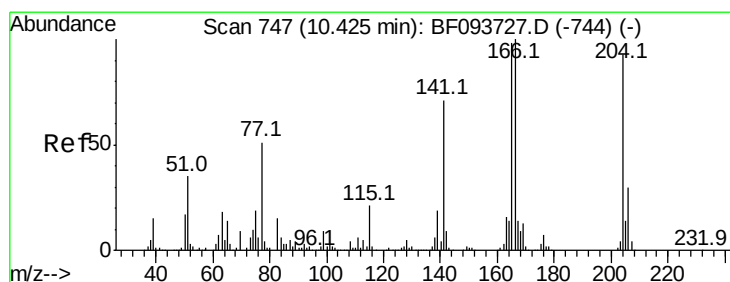
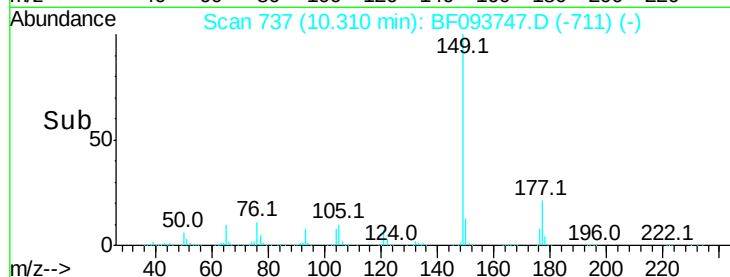
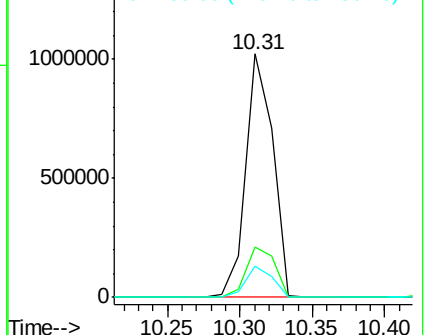
150 13.0 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 48.40 ng

RT: 10.42 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

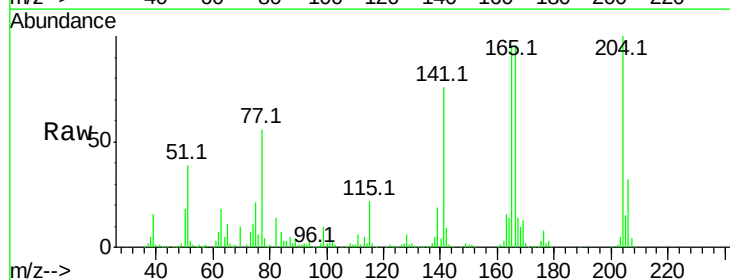
Tgt Ion:204 Resp: 468926

Ion Ratio Lower Upper

204 100

206 32.5 26.2 39.2

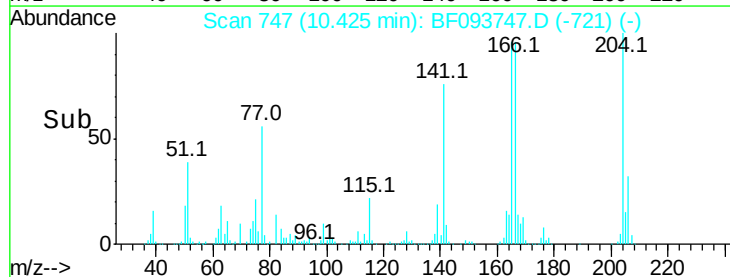
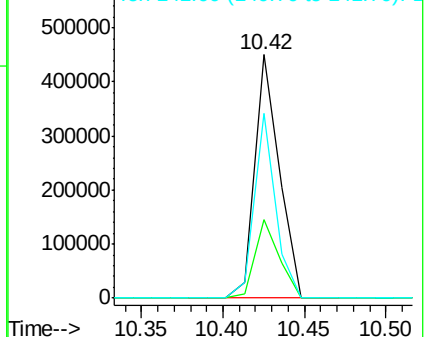
141 75.9 60.8 91.2

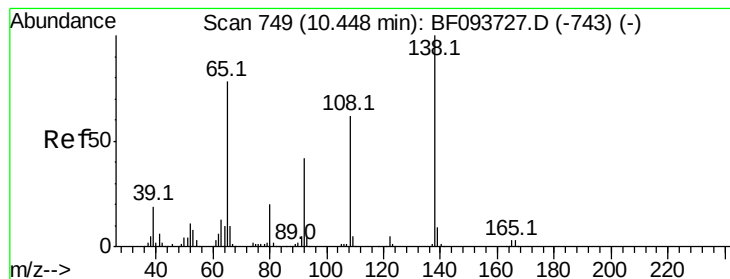


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 51.91 ng

RT: 10.45 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

MW-102SMS

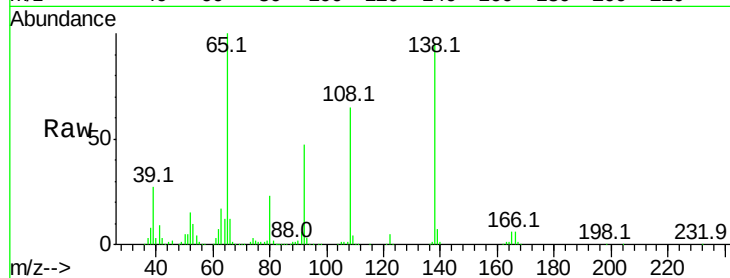
Tot Ion:138 Resp: 311893

Ion Ratio Lower Upper

138 100

92 49.0 21.8 61.8

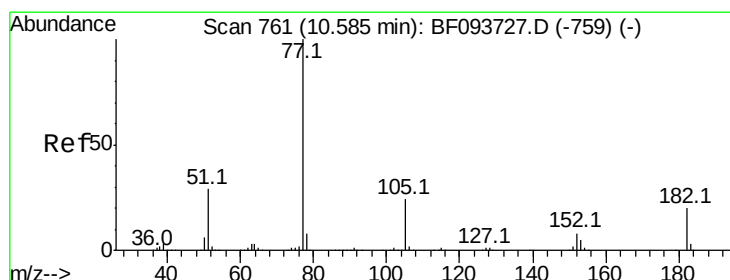
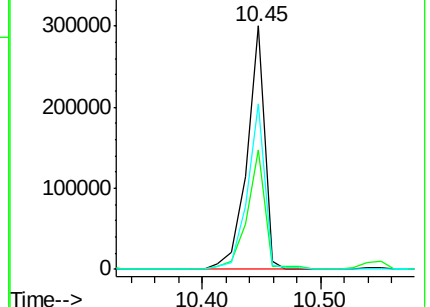
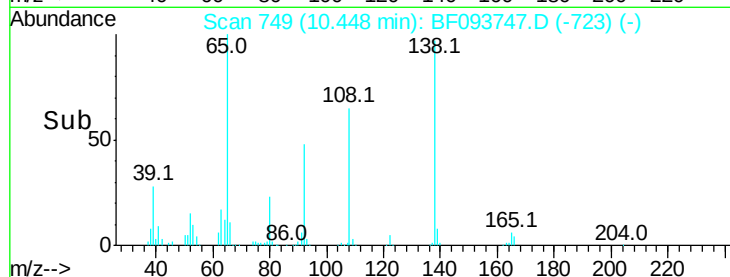
108 68.2 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 58.68 ng

RT: 10.58 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Tgt Ion: 77 Resp: 1421655

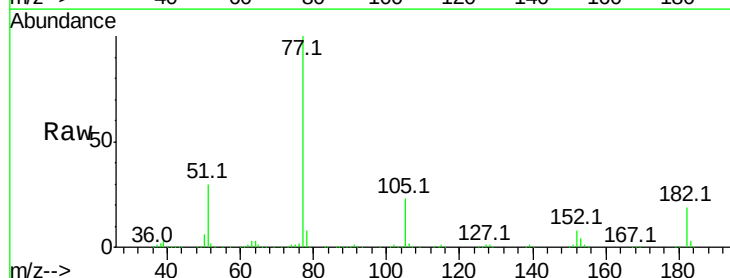
Ion Ratio Lower Upper

77 100

182 19.3 0.1 40.1

105 23.0 3.6 43.6

51 29.7 9.4 49.4

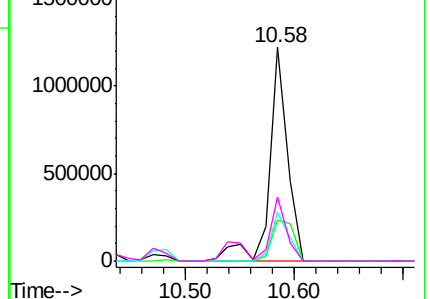
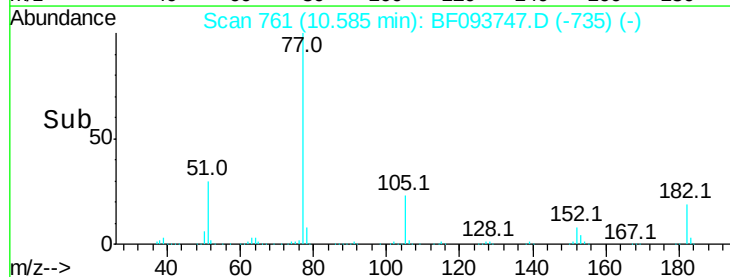


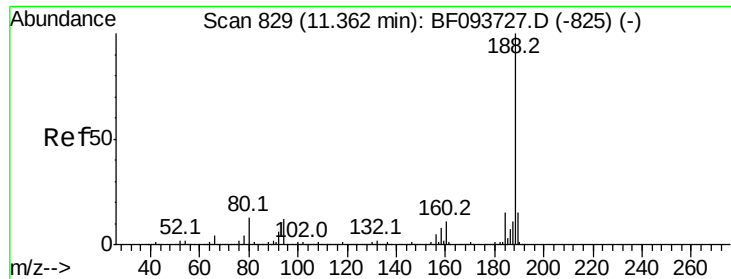
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

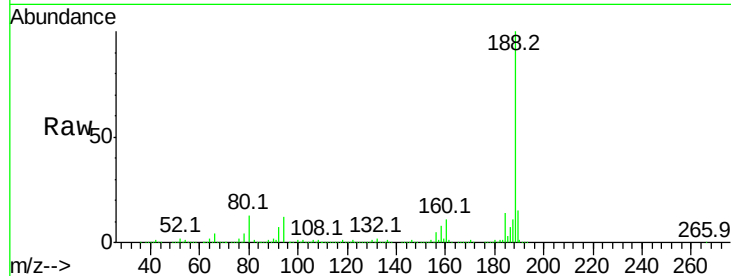




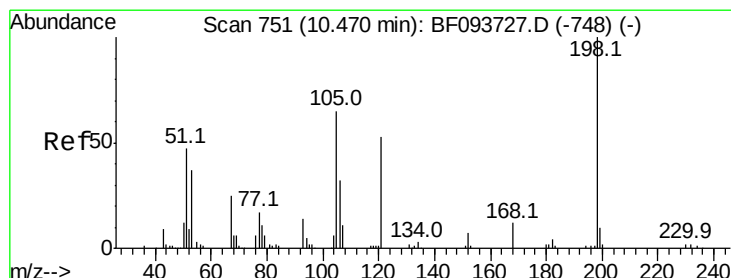
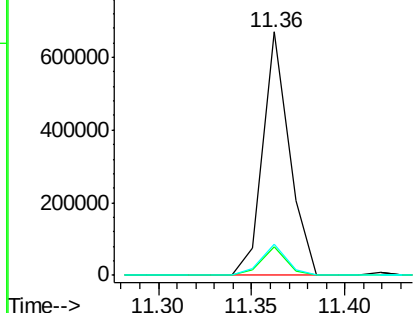
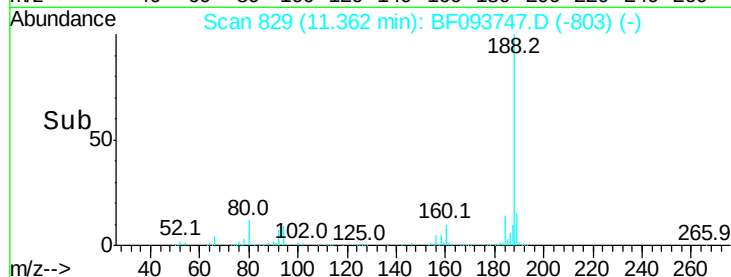
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF093747.D
Acq: 18 Mar 2017 12:11

Instrument :
BNA_F
ClientSampleId :
MW-102SMS

Tot Ion:188 Resp: 654461
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 12.7 10.2 15.2

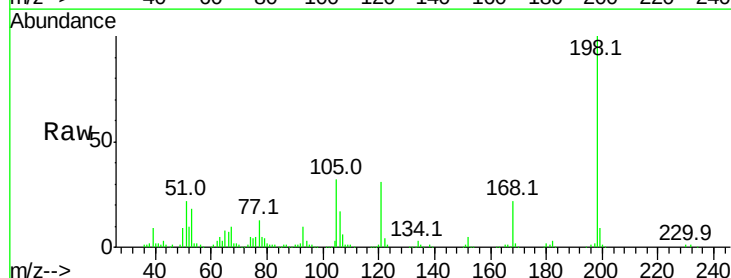


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

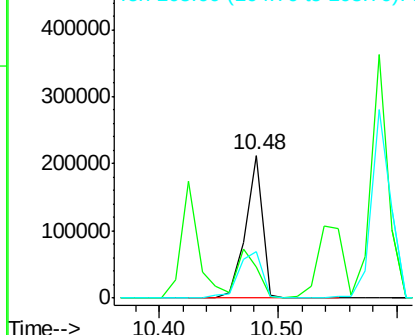
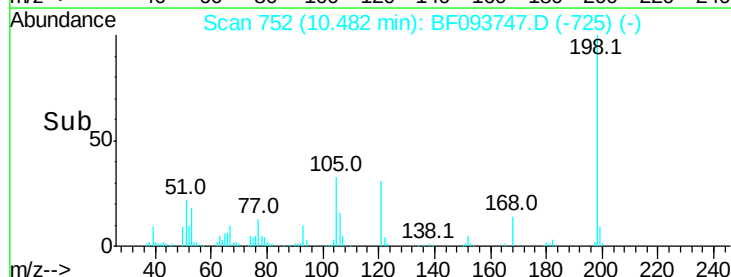


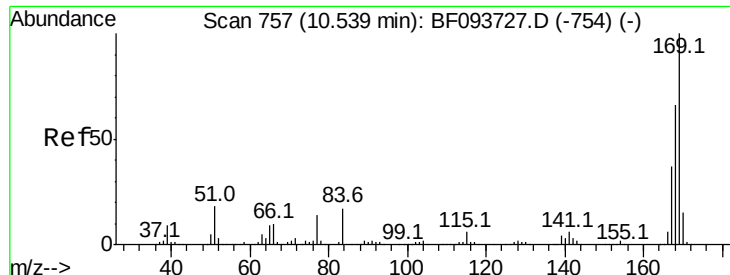
#64
4,6-Dinitro-2-methylphenol
Concen: 59.84 ng
RT: 10.48 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF093747.D
Acq: 18 Mar 2017 12:11

Tgt Ion:198 Resp: 212712
Ion Ratio Lower Upper
198 100
51 22.2 53.2 93.2#
105 32.3 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: 53.18 ng

RT: 10.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

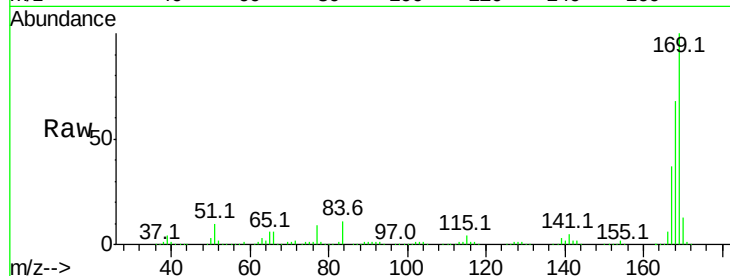
BNA_F

ClientSampleId :

MW-102SMS

Tot Ion:169 Resp: 1174936

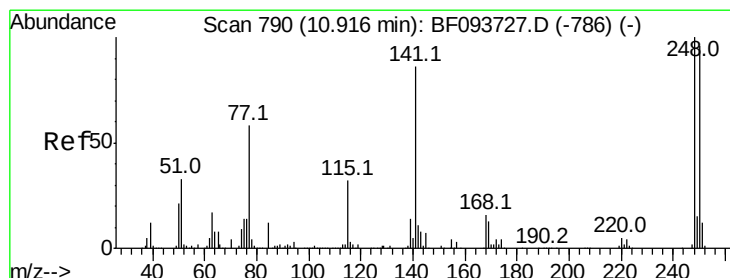
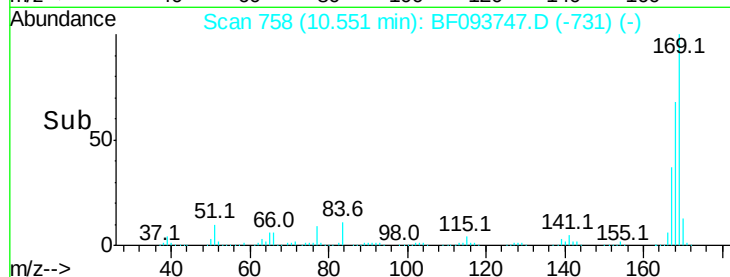
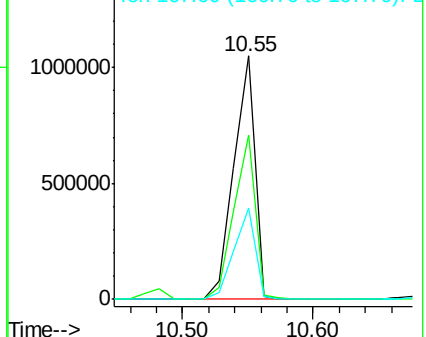
Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.2	79.8
167	37.5	29.5	44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 50.33 ng

RT: 10.92 min Scan# 790

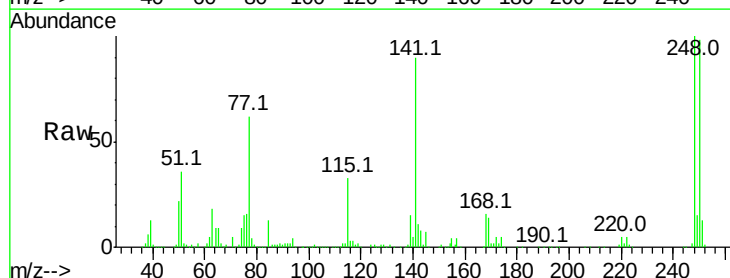
Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Tgt Ion:248 Resp: 311356

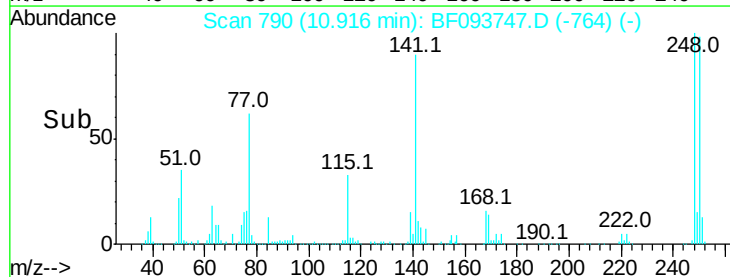
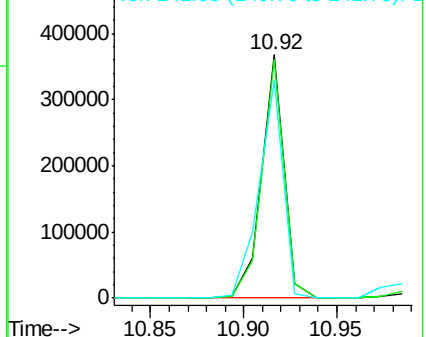
Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.8	115.2
141	89.7	68.6	103.0

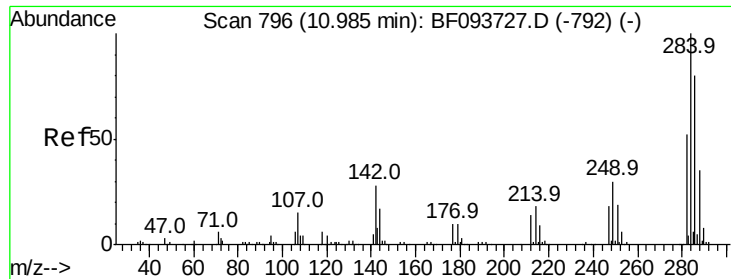


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

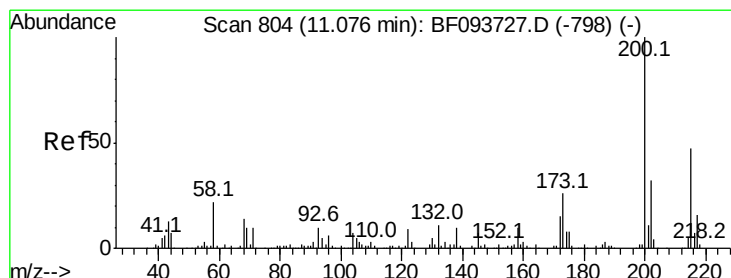
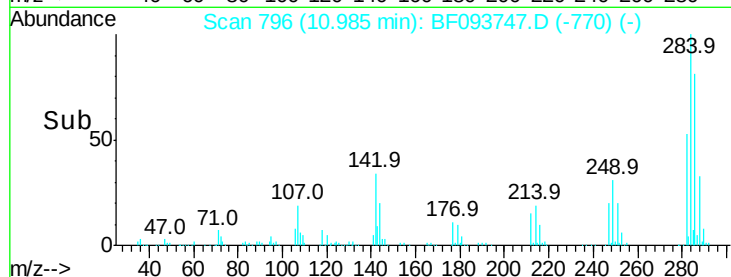
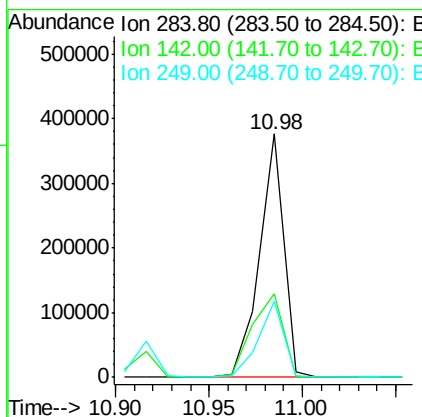
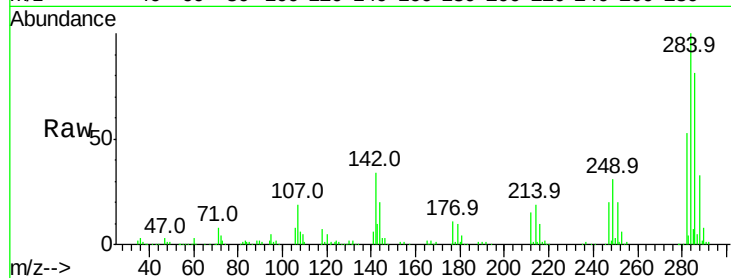




#67
Hexachlorobenzene
Concen: 52.18 ng
RT: 10.98 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF093747.D
Acq: 18 Mar 2017 12:11

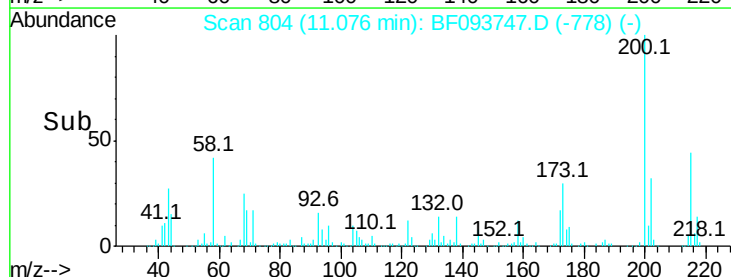
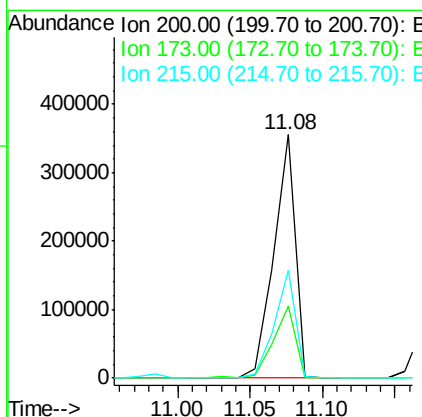
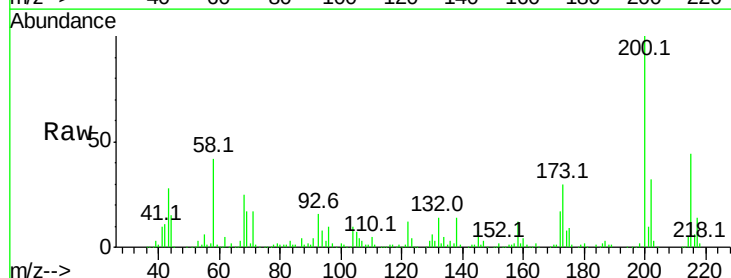
Instrument :
BNA_F
ClientSampleId :
MW-102SMS

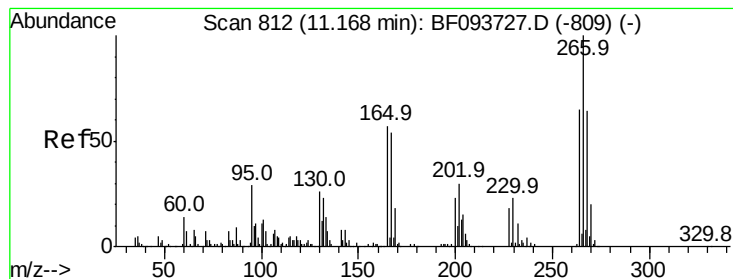
Tot Ion	Ratio	Lower	Upper
284	100		
142	34.5	22.8	34.2#
249	31.4	24.0	36.0



#68
Atrazine
Concen: 57.27 ng
RT: 11.08 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF093747.D
Acq: 18 Mar 2017 12:11

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.6	6.3	46.3
215	44.4	27.2	67.2





#69

Pentachlorophenol

Concen: 102.76 ng

RT: 11.17 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

MW-102SMS

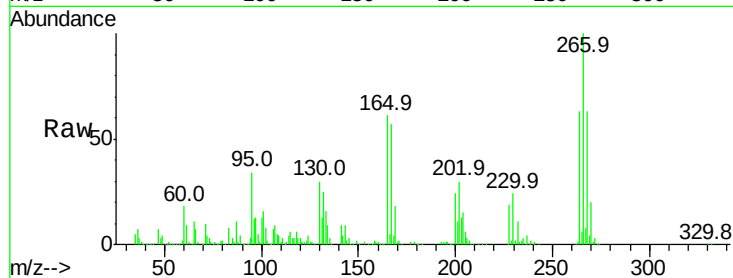
Tot Ion:266 Resp: 380695

Ion Ratio Lower Upper

266 100

268 62.6 51.1 76.7

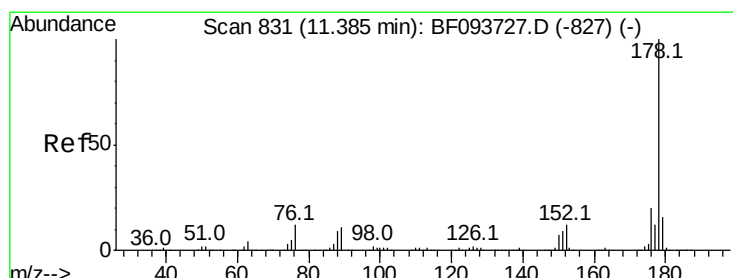
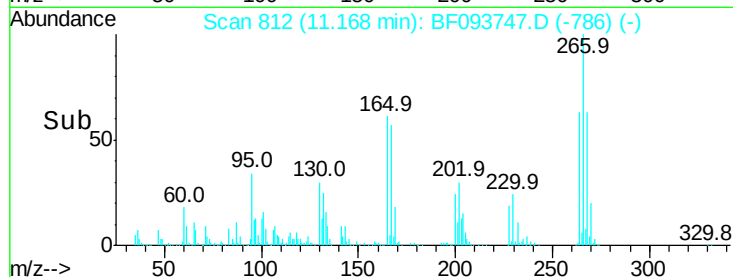
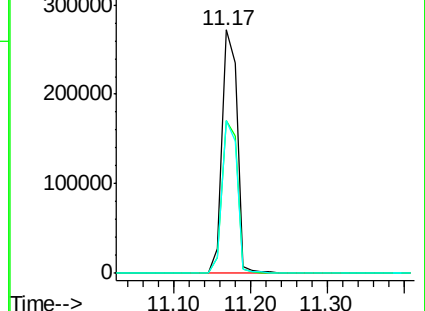
264 62.9 51.7 77.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 47.42 ng

RT: 11.40 min Scan# 832

Delta R.T. 0.01 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

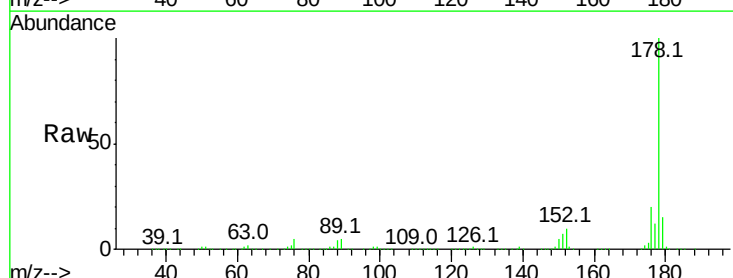
Tgt Ion:178 Resp: 1754725

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.4

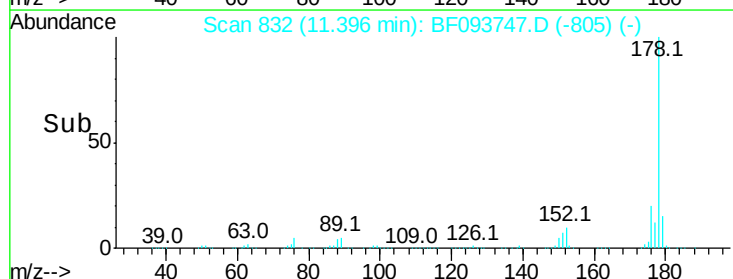
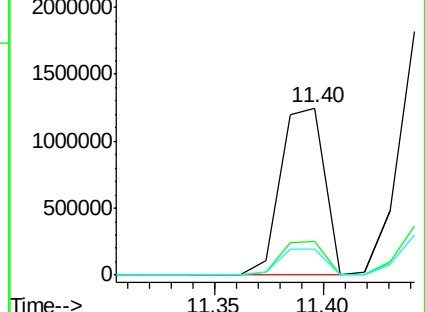
179 15.4 12.6 19.0

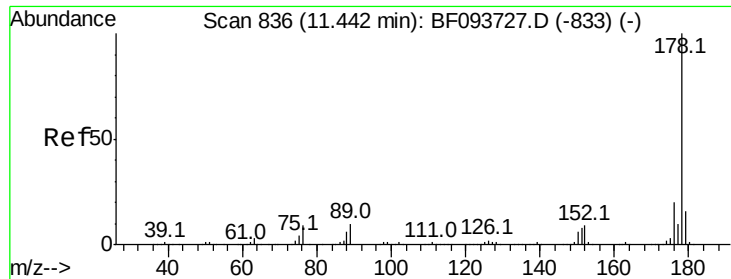


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

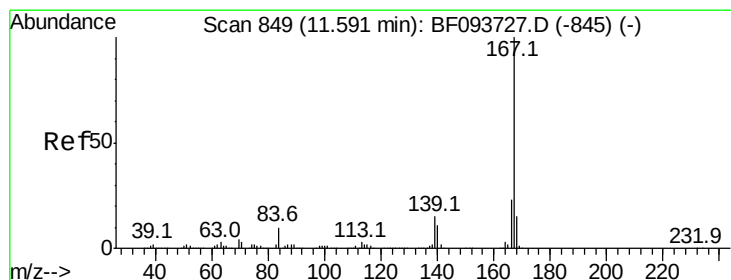
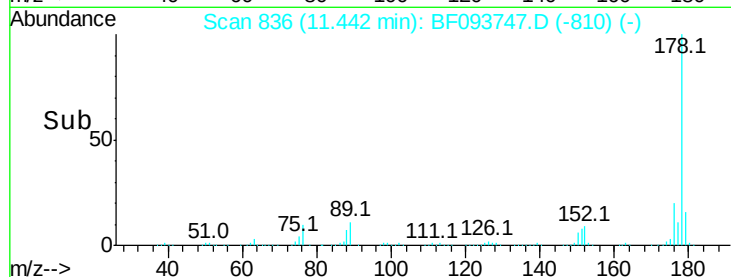
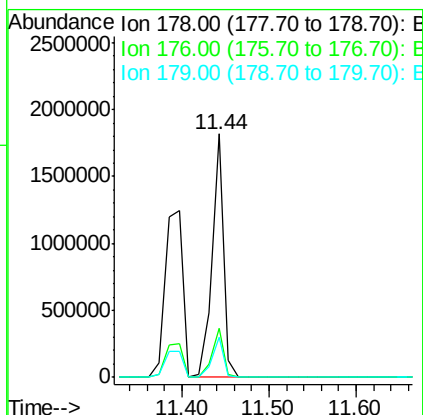
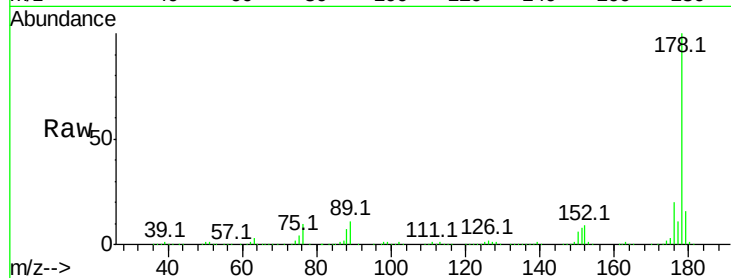




#71
 Anthracene
 Concen: 46.62 ng
 RT: 11.44 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF093747.D
 Acq: 18 Mar 2017 12:11

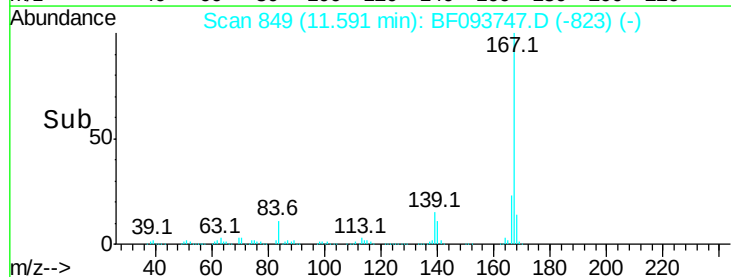
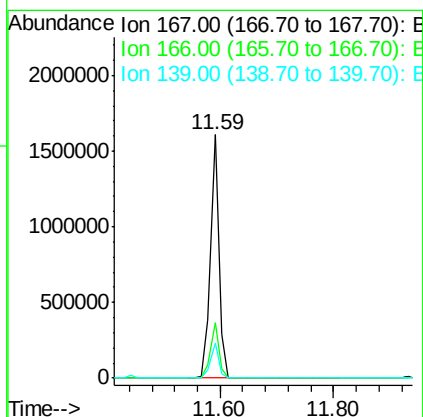
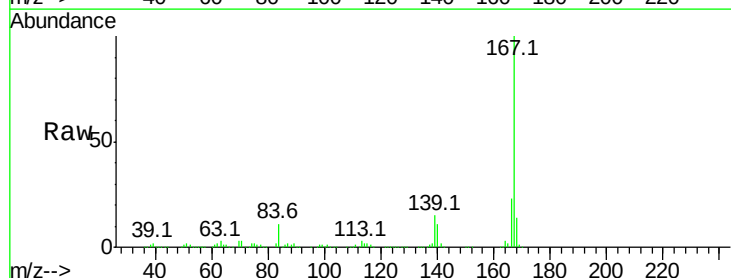
Instrument :
 BNA_F
 ClientSampleId :
 MW-102SMS

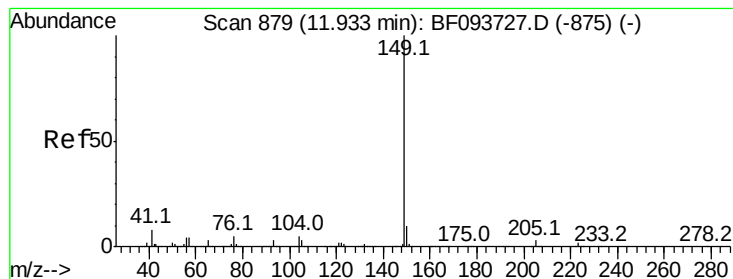
Tot Ion:178 Resp: 1687752
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 16.2 12.7 19.1



#72
 Carbazole
 Concen: 41.86 ng
 RT: 11.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF093747.D
 Acq: 18 Mar 2017 12:11

Tgt Ion:167 Resp: 1586348
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.1 27.1
 139 14.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 48.87 ng

RT: 11.93 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

MW-102SMS

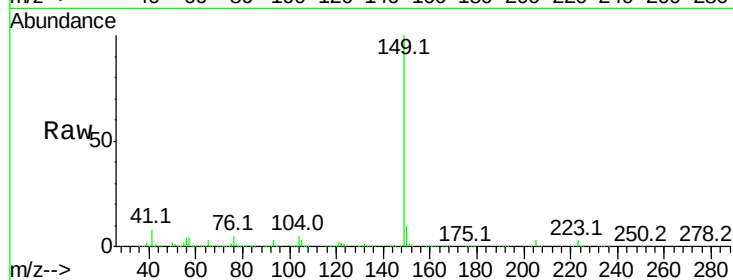
Tot Ion:149 Resp: 1893455

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

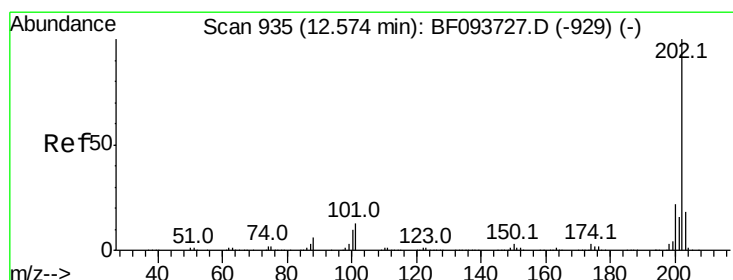
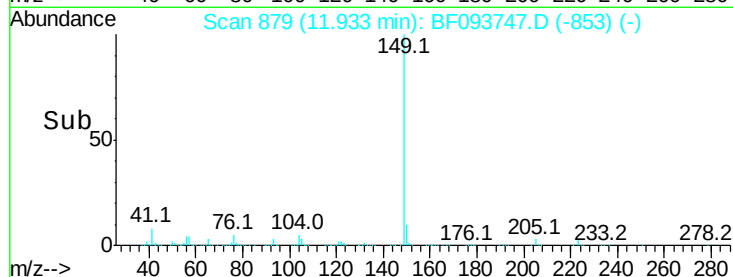
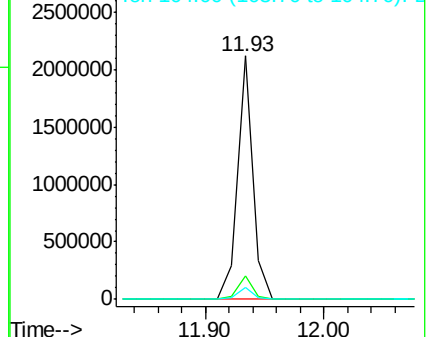
104 5.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.89 ng

RT: 12.57 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

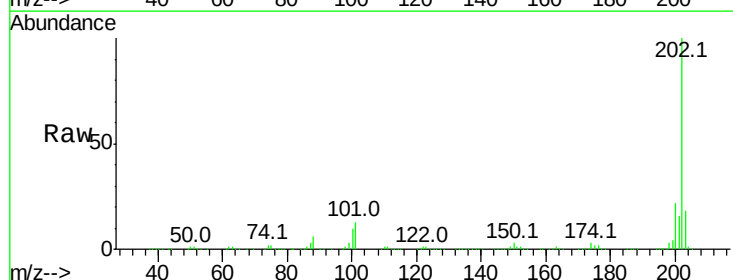
Tgt Ion:202 Resp: 1753079

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.2

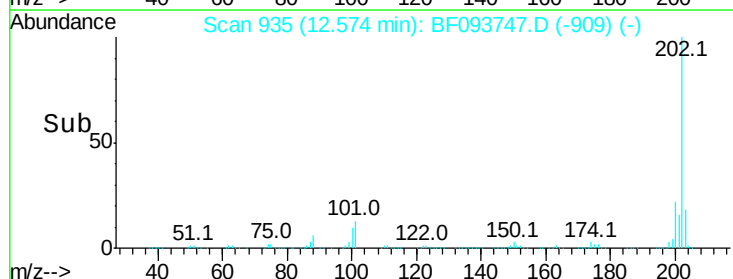
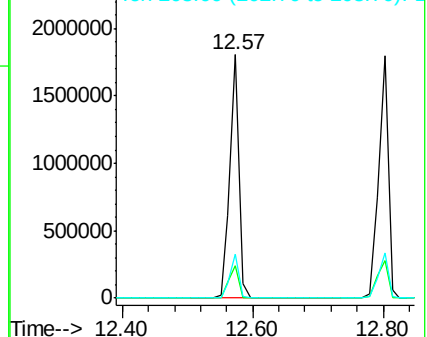
203 17.9 0.0 38.1

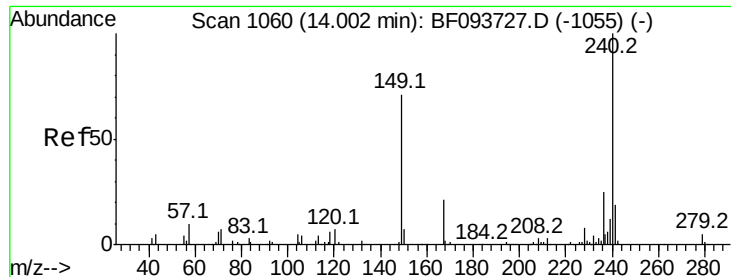


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

MW-102SMS

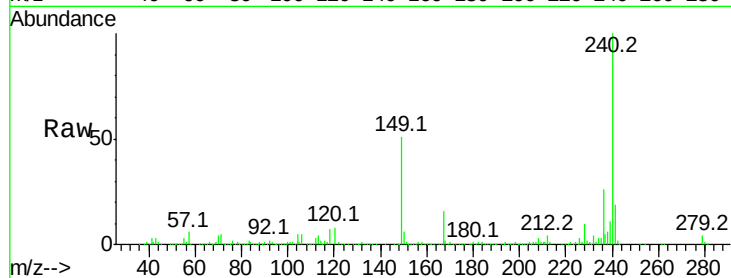
Tot Ion:240 Resp: 436586

Ion Ratio Lower Upper

240 100

120 8.0 5.8 8.8

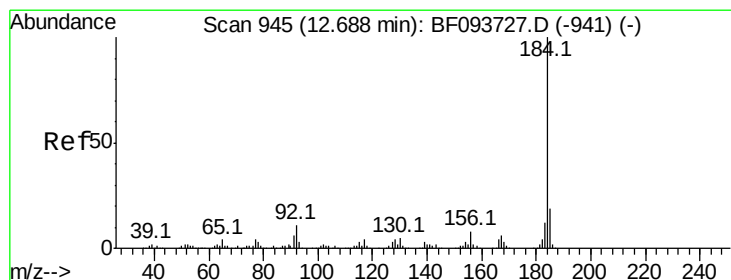
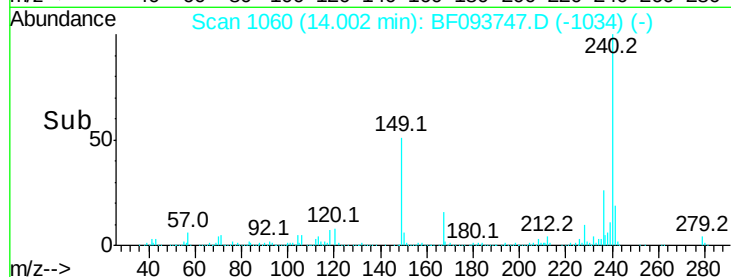
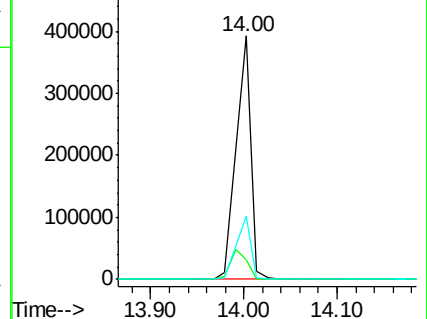
236 25.8 20.5 30.7



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: 39.20 ng

RT: 12.69 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

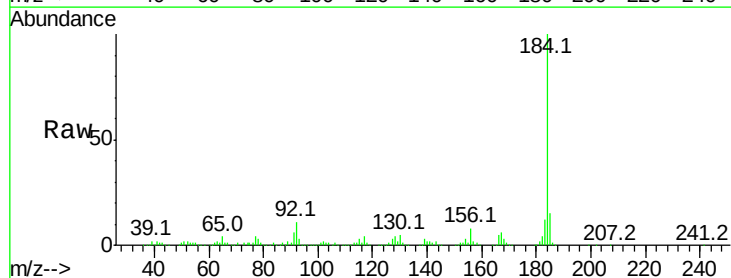
Tgt Ion:184 Resp: 668794

Ion Ratio Lower Upper

184 100

185 15.2 15.5 23.3#

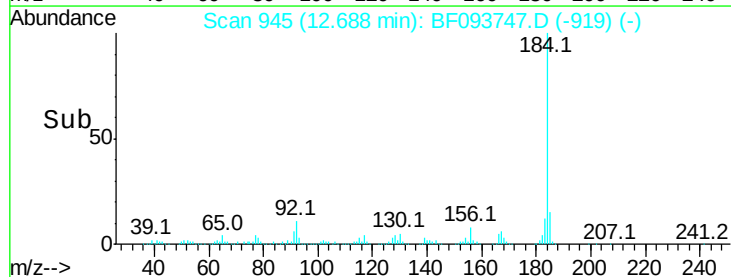
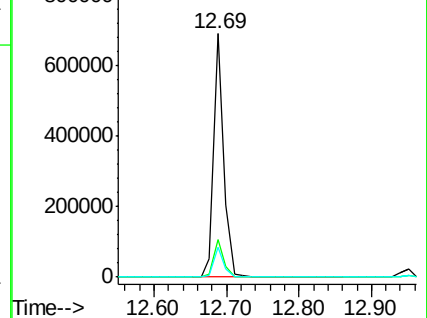
183 12.3 9.8 14.6

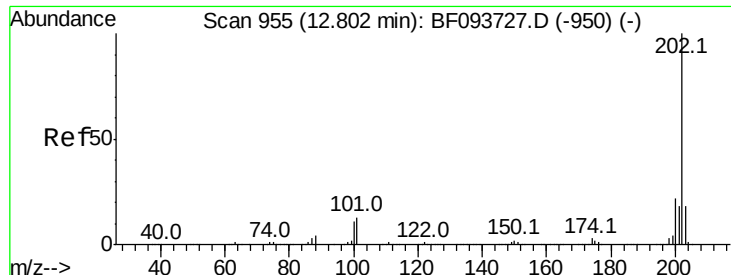


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

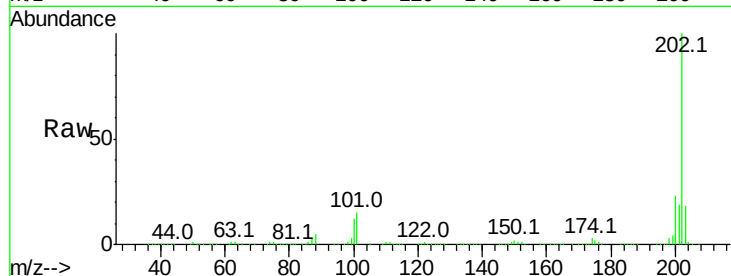




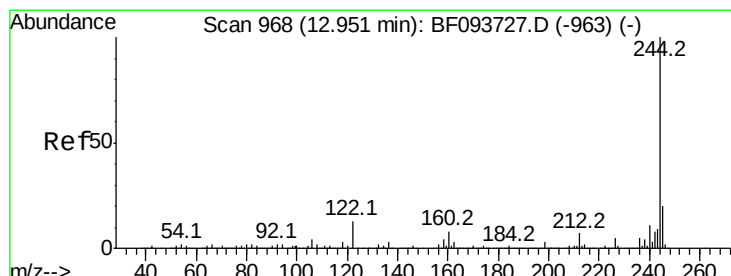
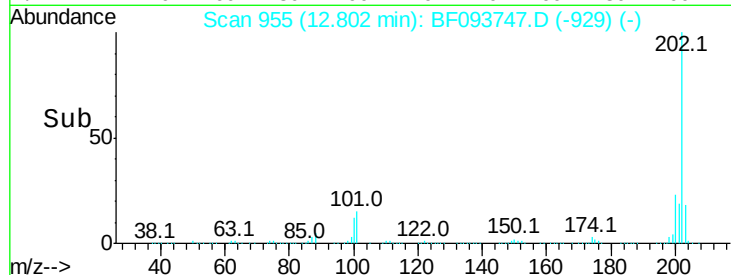
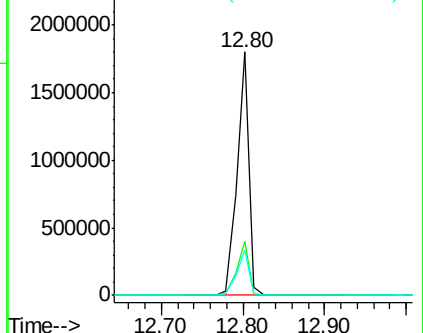
#77
 Pvrene
 Concen: 49.03 ng
 RT: 12.80 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF093747.D
 Acq: 18 Mar 2017 12:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-102SMS

Tot Ion:202 Resp: 1820525
 Ion Ratio Lower Upper
 202 100
 200 22.5 17.6 26.4
 203 18.5 14.4 21.6

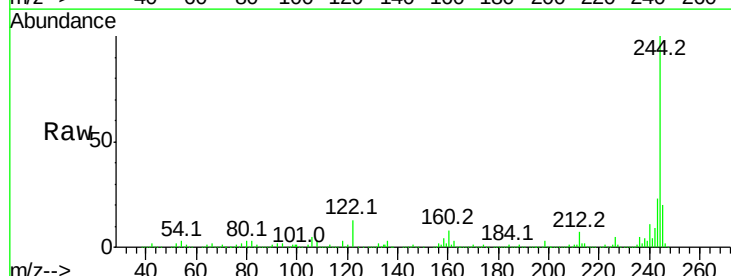


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

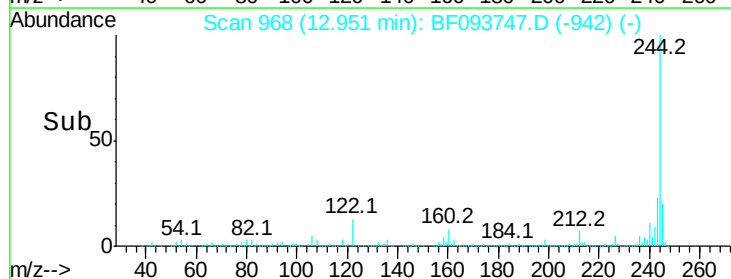
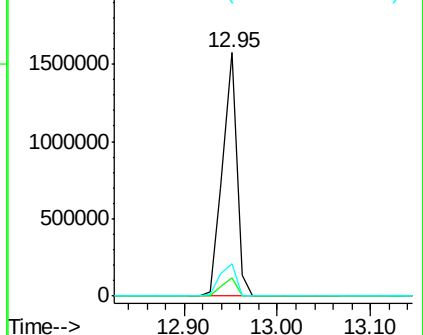


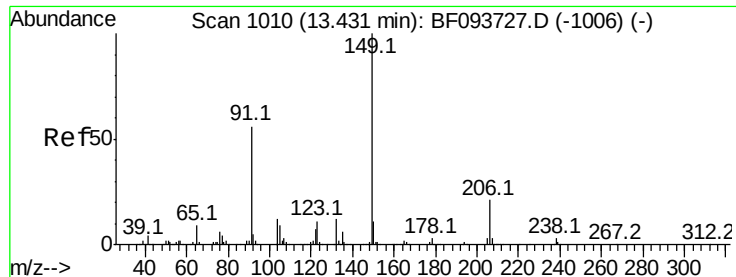
#78
 Terphenyl-d14
 Concen: 82.86 ng
 RT: 12.95 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF093747.D
 Acq: 18 Mar 2017 12:11

Tgt Ion:244 Resp: 1680749
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 13.3 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: 59.34 ng

RT: 13.43 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

MW-102SMS

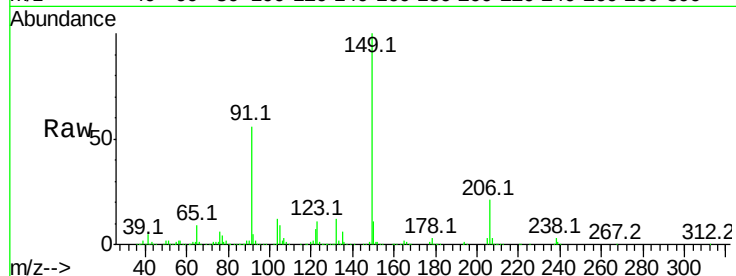
Tot Ion:149 Resp: 935993

Ion Ratio Lower Upper

149 100

91 55.7 45.0 67.4

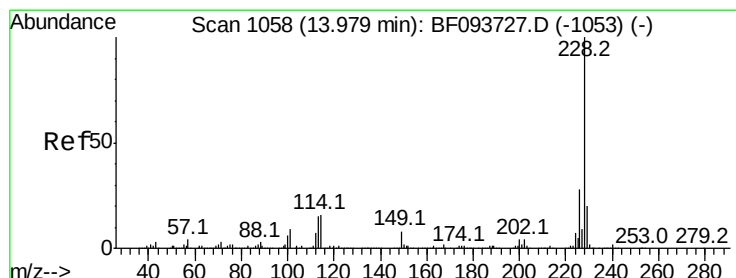
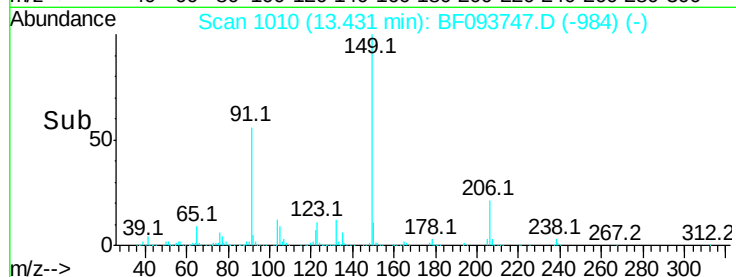
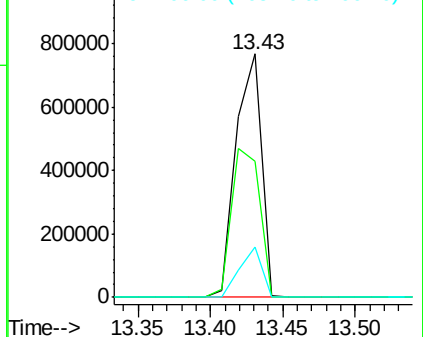
206 20.9 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 50.36 ng

RT: 13.98 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

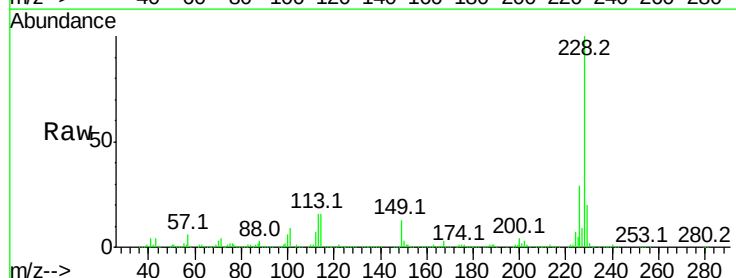
Tgt Ion:228 Resp: 1411072

Ion Ratio Lower Upper

228 100

226 28.7 22.6 33.8

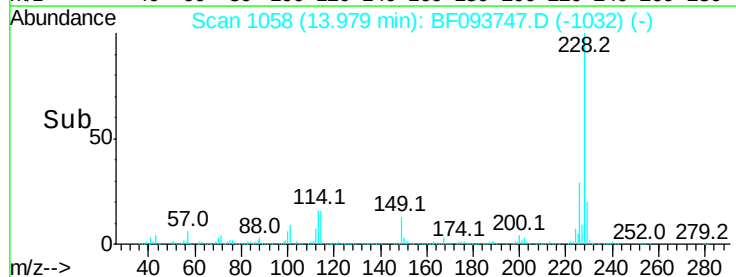
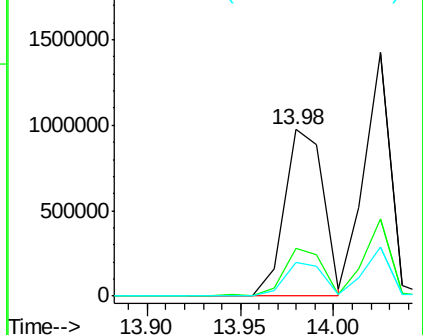
229 20.4 16.3 24.5

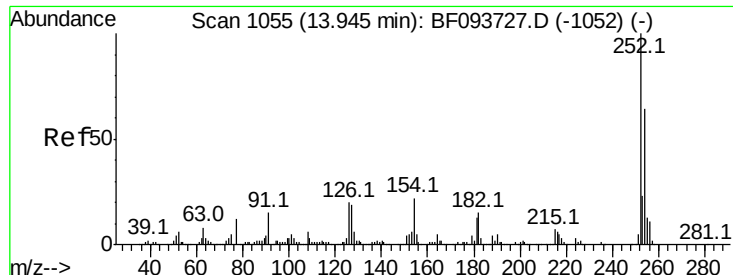


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

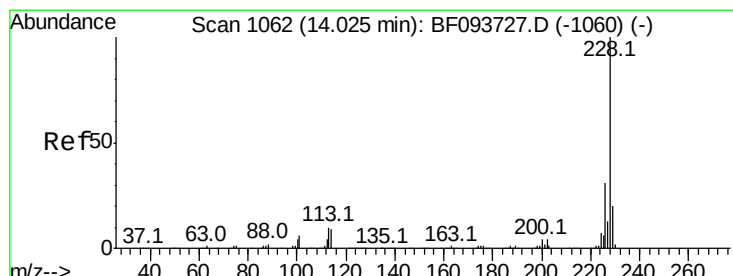
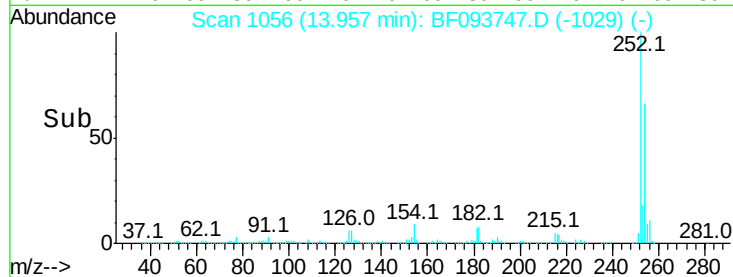
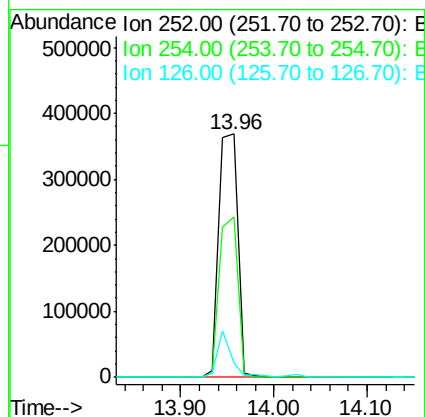
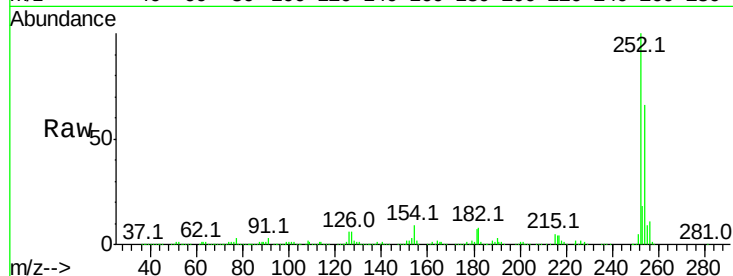




#81
 3,3'-Dichlorobenzidine
 Concen: 52.59 ng
 RT: 13.96 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: BF093747.D
 Acq: 18 Mar 2017 12:11

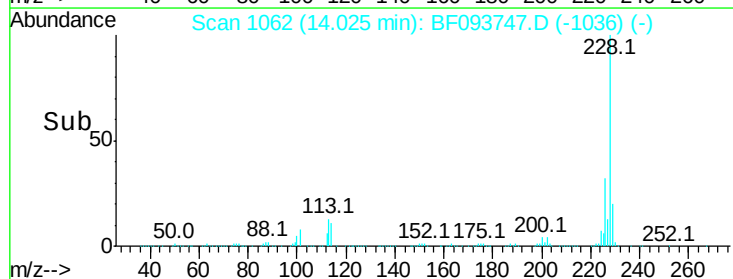
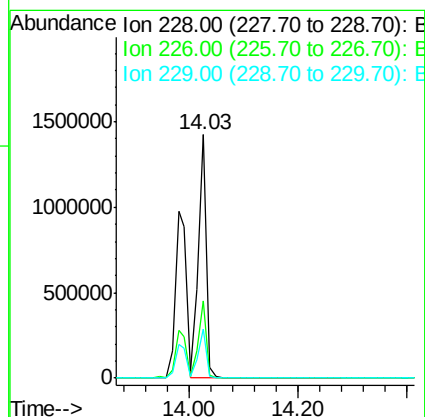
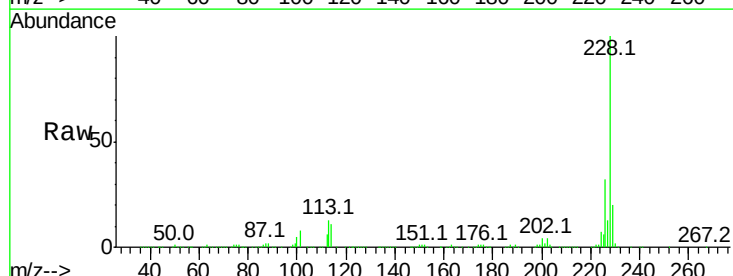
Instrument :
 BNA_F
 ClientSampleId :
 MW-102SMS

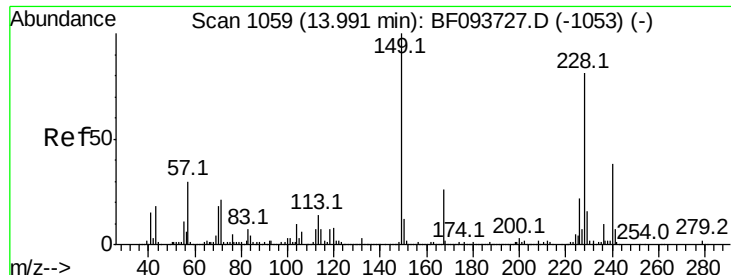
Tot Ion:252 Resp: 516922
 Ion Ratio Lower Upper
 252 100
 254 65.8 51.5 77.3
 126 6.1 15.8 23.8#



#82
 Chrysene
 Concen: 51.78 ng
 RT: 14.03 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF093747.D
 Acq: 18 Mar 2017 12:11

Tgt Ion:228 Resp: 1402198
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.9 37.3
 229 20.3 15.8 23.6

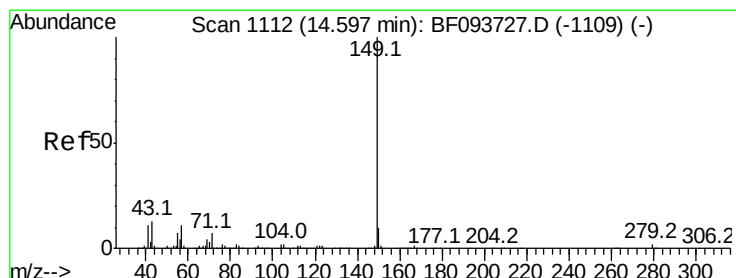
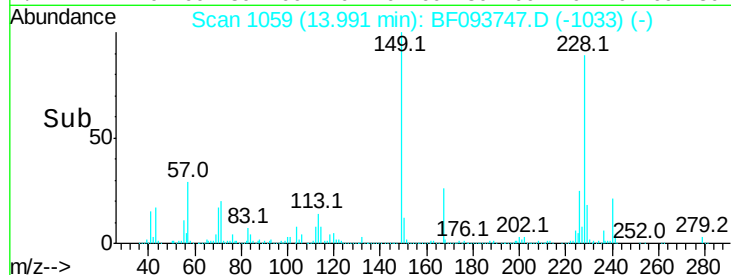
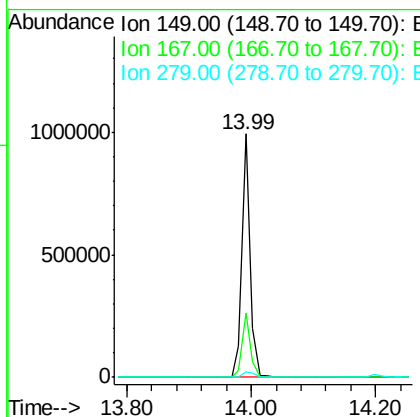
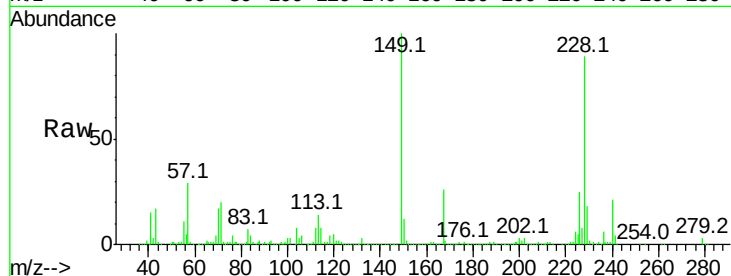




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.18 ng
 RT: 13.99 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF093747.D
 Acq: 18 Mar 2017 12:11

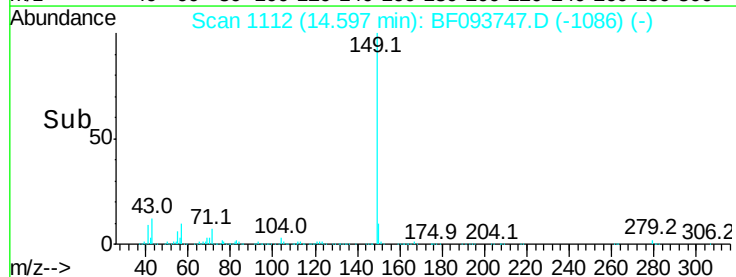
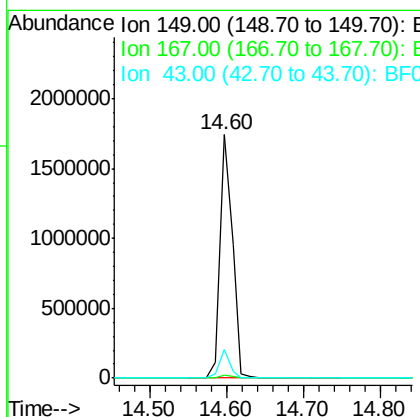
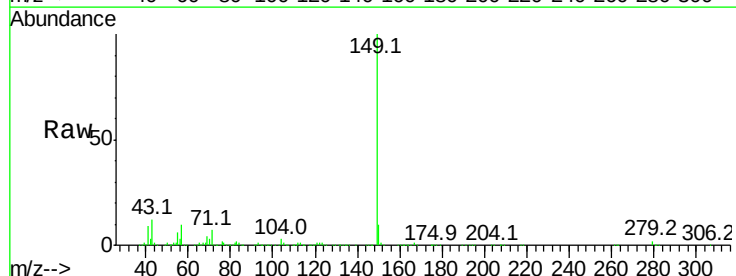
Instrument :
 BNA_F
 ClientSampleId :
 MW-102SMS

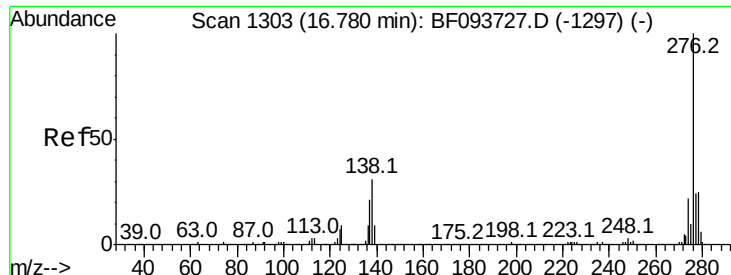
Tot Ion:149 Resp: 922239
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.0 31.4
 279 2.5 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 61.38 ng
 RT: 14.60 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF093747.D
 Acq: 18 Mar 2017 12:11

Tgt Ion:149 Resp: 1962402
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.2 8.5 12.7



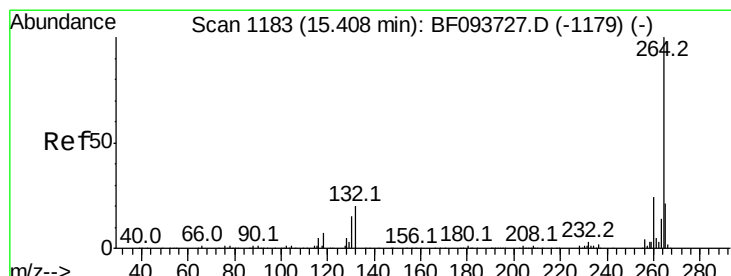
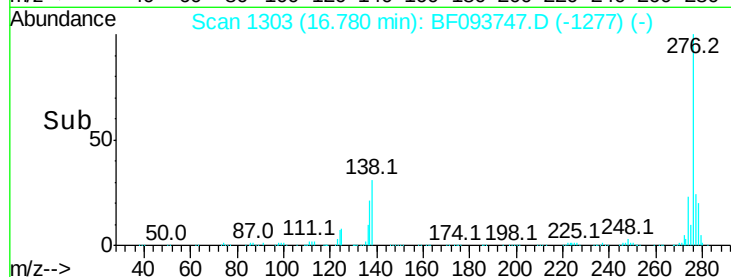
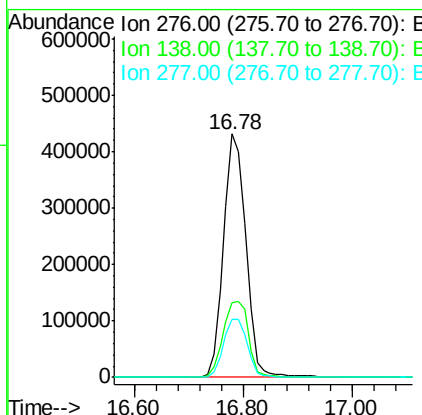
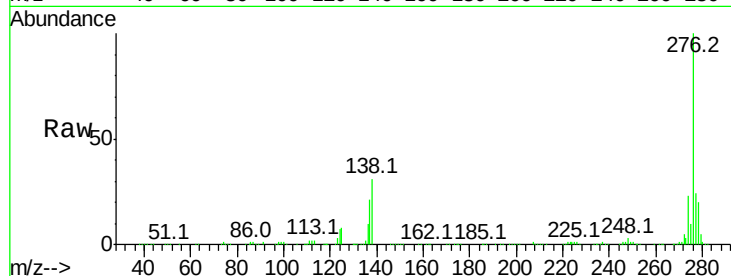


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.08 ng
 RT: 16.78 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF093747.D
 Acq: 18 Mar 2017 12:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-102SMS

Tot Ion:276 Resp: 1240325

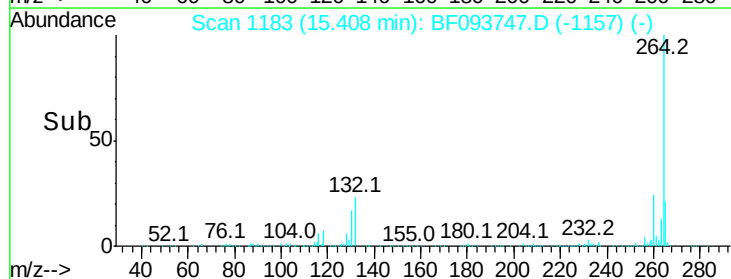
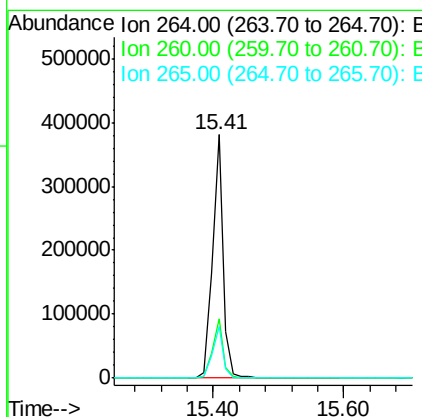
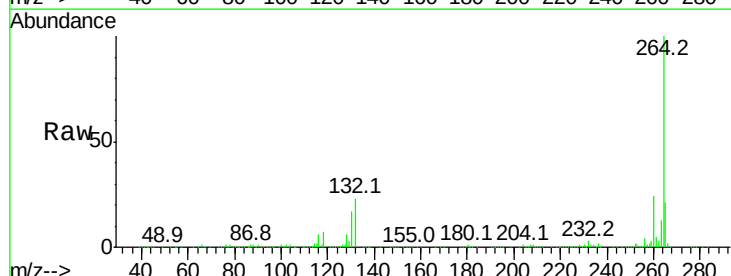
Ion	Ratio	Lower	Upper
276	100		
138	35.1	27.8	41.6
277	25.5	20.2	30.4

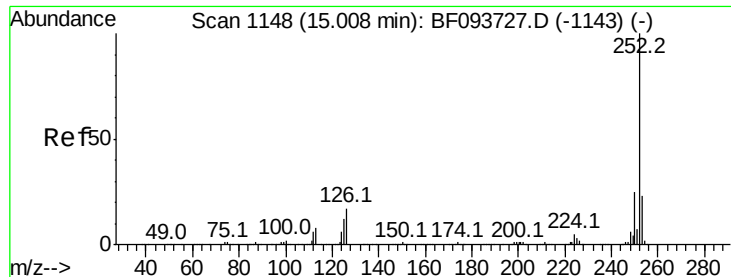


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF093747.D
 Acq: 18 Mar 2017 12:11

Tgt Ion:264 Resp: 442685

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 48.19 ng

RT: 15.01 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

MW-102SMS

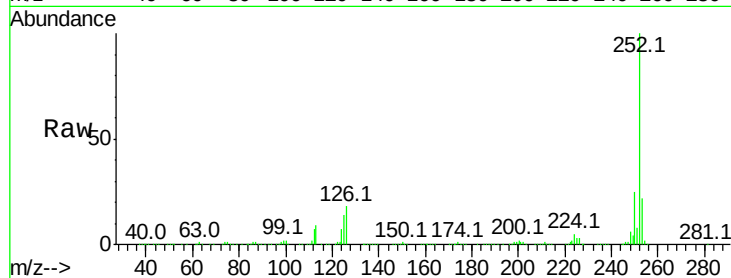
Tot Ion:252 Resp: 1352174

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

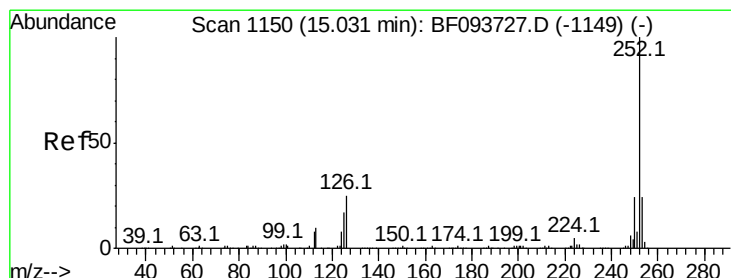
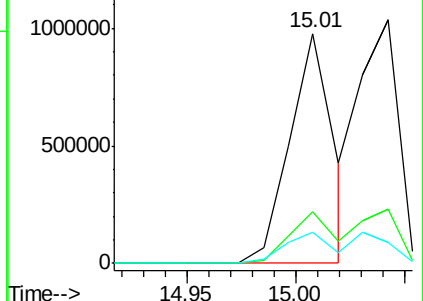
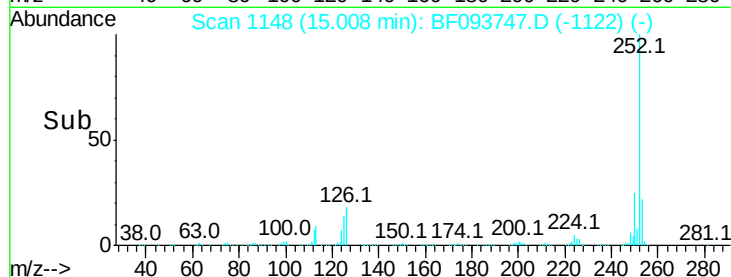
125 13.7 9.8 14.8



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: 54.52 ng

RT: 15.01 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

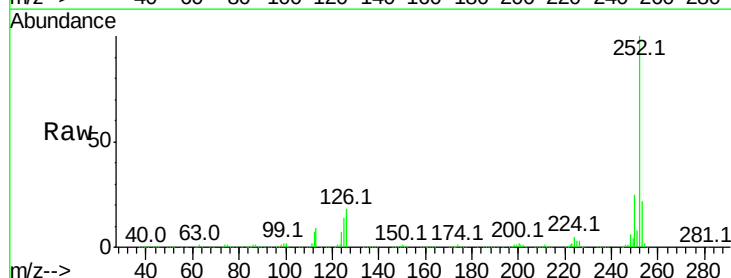
Tgt Ion:252 Resp: 1352174

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

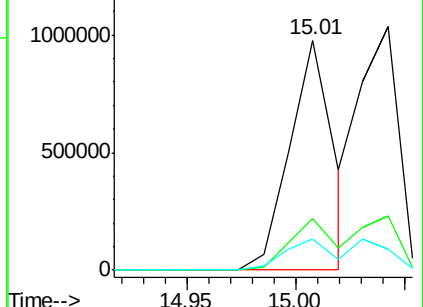
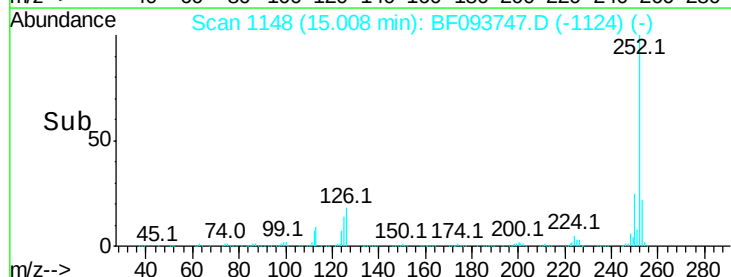
125 13.7 13.1 19.7

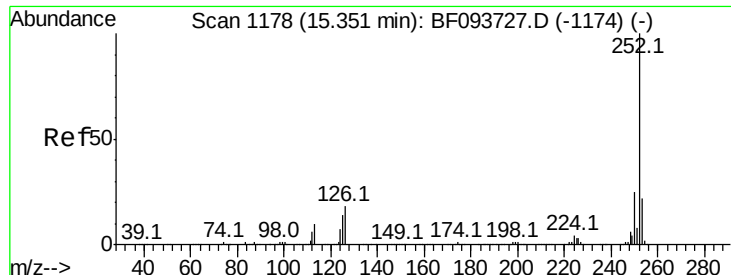


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

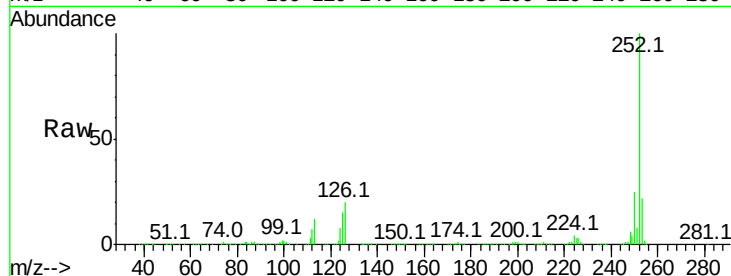




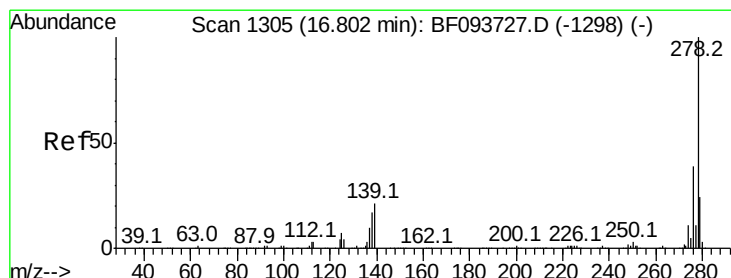
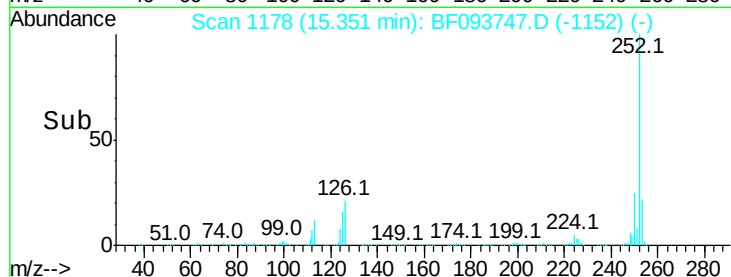
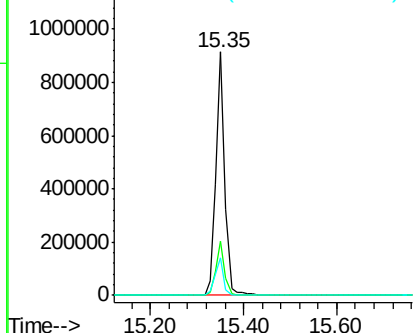
#89
Benzo(a)pyrene
Concen: 49.04 ng
RT: 15.35 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF093747.D
Acq: 18 Mar 2017 12:11

Instrument :
BNA_F
ClientSampleId :
MW-102SMS

Tot Ion:252 Resp: 1216314
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 15.2 11.0 16.4

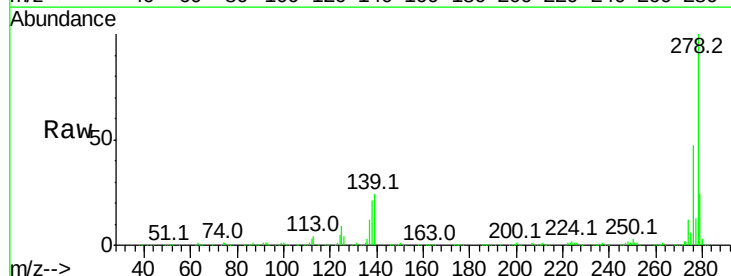


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

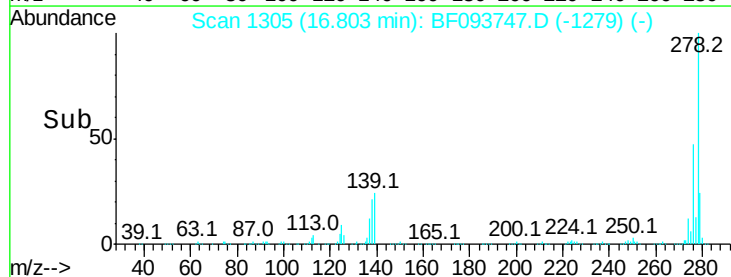
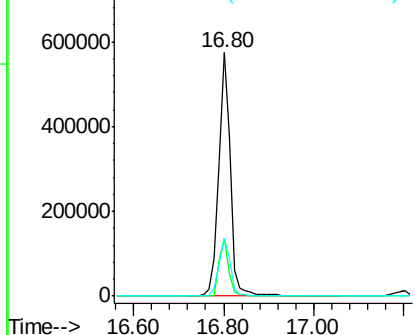


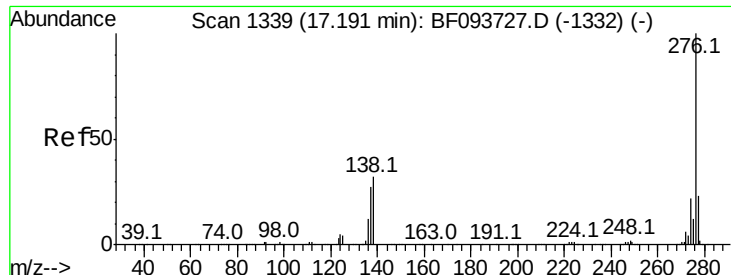
#90
Dibenzo(a,h)anthracene
Concen: 49.53 ng
RT: 16.80 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF093747.D
Acq: 18 Mar 2017 12:11

Tgt Ion:278 Resp: 1039297
Ion Ratio Lower Upper
278 100
139 23.9 16.6 24.8
279 23.8 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: 48.96 ng

RT: 17.20 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF093747.D

Acq: 18 Mar 2017 12:11

Instrument :

BNA_F

ClientSampleId :

MW-102SMS

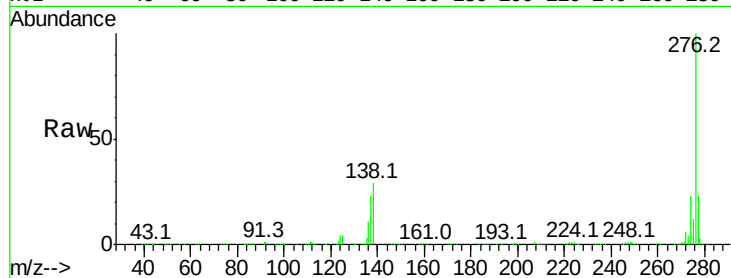
Tot Ion:276 Resp: 1044778

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 28.9 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

