

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033017\
 Data File : BF094066.D
 Acq On : 30 Mar 2017 19:04
 Operator : SJ/MA
 Sample : I2384-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Quant Time: Mar 31 01:50:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	186020	20.00	ng	-0.04
21) Naphthalene-d8	7.42	136	755670	20.00	ng	-0.04
38) Acenaphthene-d10	9.56	164	353948	20.00	ng	-0.04
63) Phenanthrene-d10	11.39	188	606516	20.00	ng	-0.04
75) Chrysene-d12	14.64	240	447819	20.00	ng	-0.04
86) Perylene-d12	16.27	264	221674	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	1303758	118.38	ng	0.00
7) Phenol-d6	5.53	99	1614307	118.48	ng	-0.02
23) Nitrobenzene-d5	6.57	82	1104618	83.42	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	395104	141.26	ng	-0.03
44) 2-Fluorobiphenyl	8.75	172	2091925	90.15	ng	-0.04
78) Terphenyl-d14	13.37	244	1674358	83.81	ng	-0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	2.43	88	189246	35.77	ng	# 82
3) Pyridine	2.87	79	387673	26.88	ng	100
4) n-Nitrosodimethylamine	2.82	42	242689	40.90	ng	94
6) Aniline	5.55	93	217502	11.48	ng	# 1
8) 2-Chlorophenol	5.69	128	532612	44.00	ng	96
9) Benzaldehyde	5.41	77	95396	10.37	ng	96
10) Phenol	5.55	94	589423	38.02	ng	99
11) bis(2-Chloroethyl)ether	5.62	93	590088	48.70	ng	97
12) 1,3-Dichlorobenzene	5.85	146	560541	41.28	ng	98
13) 1,4-Dichlorobenzene	5.93	146	579569	42.14	ng	96
14) 1,2-Dichlorobenzene	6.11	146	587885	46.42	ng	97
15) Benzyl Alcohol	6.09	79	415411	41.66	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.25	45	730321	39.12	ng	90
17) 2-Methylphenol	6.23	107	453232	43.72	ng	# 91
18) Hexachloroethane	6.50	117	203061	42.01	ng	88
19) n-Nitroso-di-n-propylamine	6.40	70	393851	44.98	ng	96
20) 3+4-Methylphenols	6.41	107	595493	47.42	ng	# 62
22) Acetophenone	6.39	105	785729	46.65	ng	# 86
24) Nitrobenzene	6.59	77	561216	42.97	ng	94
25) Isophorone	6.87	82	1049395	45.10	ng	96
26) 2-Nitrophenol	6.96	139	313540	50.34	ng	97
27) 2,4-Dimethylphenol	7.03	122	516530	48.13	ng	99
28) bis(2-Chloroethoxy)methane	7.13	93	661010	43.08	ng	100
29) 2,4-Dichlorophenol	7.26	162	494121	49.25	ng	98
30) 1,2,4-Trichlorobenzene	7.35	180	469189	45.40	ng	97
31) Naphthalene	7.45	128	2119563	58.33	ng	100
32) Benzoic acid	7.20	122	347998	48.71	ng	93
33) 4-Chloroaniline	7.52	127	109872	7.46	ng	# 91
34) Hexachlorobutadiene	7.60	225	235957	44.52	ng	100
35) Caprolactam	7.97	113	70740	22.11	ng	95
36) 4-Chloro-3-methylphenol	8.14	107	510535	48.70	ng	89
37) 2-Methylnaphthalene	8.29	142	1252291	51.70	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.49	216	418984	43.27	ng	99
40) Hexachlorocyclopentadiene	8.49	237	399177	88.10	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	337765	49.31	nq	97
43) 2,4,5-Trichlorophenol	8.70	196	335873	45.31	nq	# 92
45) 1,1'-Biphenyl	8.86	154	1280836	44.86	nq	98
46) 2-Chloronaphthalene	8.89	162	992819	44.43	nq	95
47) 2-Nitroaniline	9.02	65	292041	44.05	nq	# 82
48) Acenaphthylene	9.39	152	1568933	42.24	nq	99
49) Dimethylphthalate	9.26	163	1206332	47.95	nq	99
50) 2,6-Dinitrotoluene	9.32	165	272711	47.28	nq	98
51) Acenaphthene	9.60	154	961670	44.37	nq	99
52) 3-Nitroaniline	9.52	138	74730	11.03	nq	90
53) 2,4-Dinitrophenol	9.66	184	287565	92.40	nq	# 73
54) Dibenzofuran	9.82	168	1361767	46.16	nq	100
55) 4-Nitrophenol	9.77	139	381466	71.92	nq	# 71
56) 2,4-Dinitrotoluene	9.82	165	324717	44.82	nq	# 71
57) Fluorene	10.24	166	1033801	42.26	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	253997	49.94	nq	96
59) Diethylphthalate	10.12	149	1177226	47.34	nq	100
60) 4-Chlorophenyl-phenylether	10.24	204	450159	43.19	nq	92
61) 4-Nitroaniline	10.28	138	175404	26.99	nq	99
62) Azobenzene	10.44	77	1092296	46.43	nq	96
64) 4,6-Dinitro-2-methylphenol	10.32	198	188065	50.63	nq	# 77
65) n-Nitrosodiphenylamine	10.40	169	732382	34.92	nq	98
66) 4-Bromophenyl-phenylether	10.84	248	288592	48.38	nq	98
67) Hexachlorobenzene	10.92	284	292540	48.45	nq	# 88
68) Atrazine	11.06	200	51341	8.17	nq	95
69) Pentachlorophenol	11.17	266	294041	78.23	nq	98
70) Phenanthrene	11.42	178	1497667	44.39	nq	99
71) Anthracene	11.48	178	1543175	44.42	nq	99
72) Carbazole	11.68	167	935953	26.27	nq	98
73) Di-n-butylphthalate	12.13	149	1775934	47.94	nq	100
74) Fluoranthene	12.88	202	1508760	43.67	nq	99
77) Pyrene	13.16	202	1500463	46.17	nq	100
79) Butylbenzylphthalate	13.97	149	720371	52.02	nq	# 87
80) Benzo(a)anthracene	14.63	228	1183114	45.31	nq	99
81) 3,3'-Dichlorobenzidine	14.60	252	18949	2.03	nq	# 93
82) Chrysene	14.67	228	1016742	41.96	nq	99
83) Bis(2-ethylhexyl)phthalate	14.69	149	976343	51.68	nq	# 99
84) Di-n-octyl phthalate	15.44	149	1590838	50.40	nq	98
85) Indeno(1,2,3-cd)pyrene	17.63	276	819165	39.03	nq	100
87) Benzo(b)fluoranthene	15.86	252	991915	73.00	nq	99
88) Benzo(k)fluoranthene	15.86	252	991915	74.61	nq	96
89) Benzo(a)pyrene	16.22	252	807719	64.55	nq	99
90) Dibenzo(a,h)anthracene	17.65	278	696453	65.72	nq	98
91) Benzo(g,h,i)perylene	18.03	276	684867	64.13	nq	97

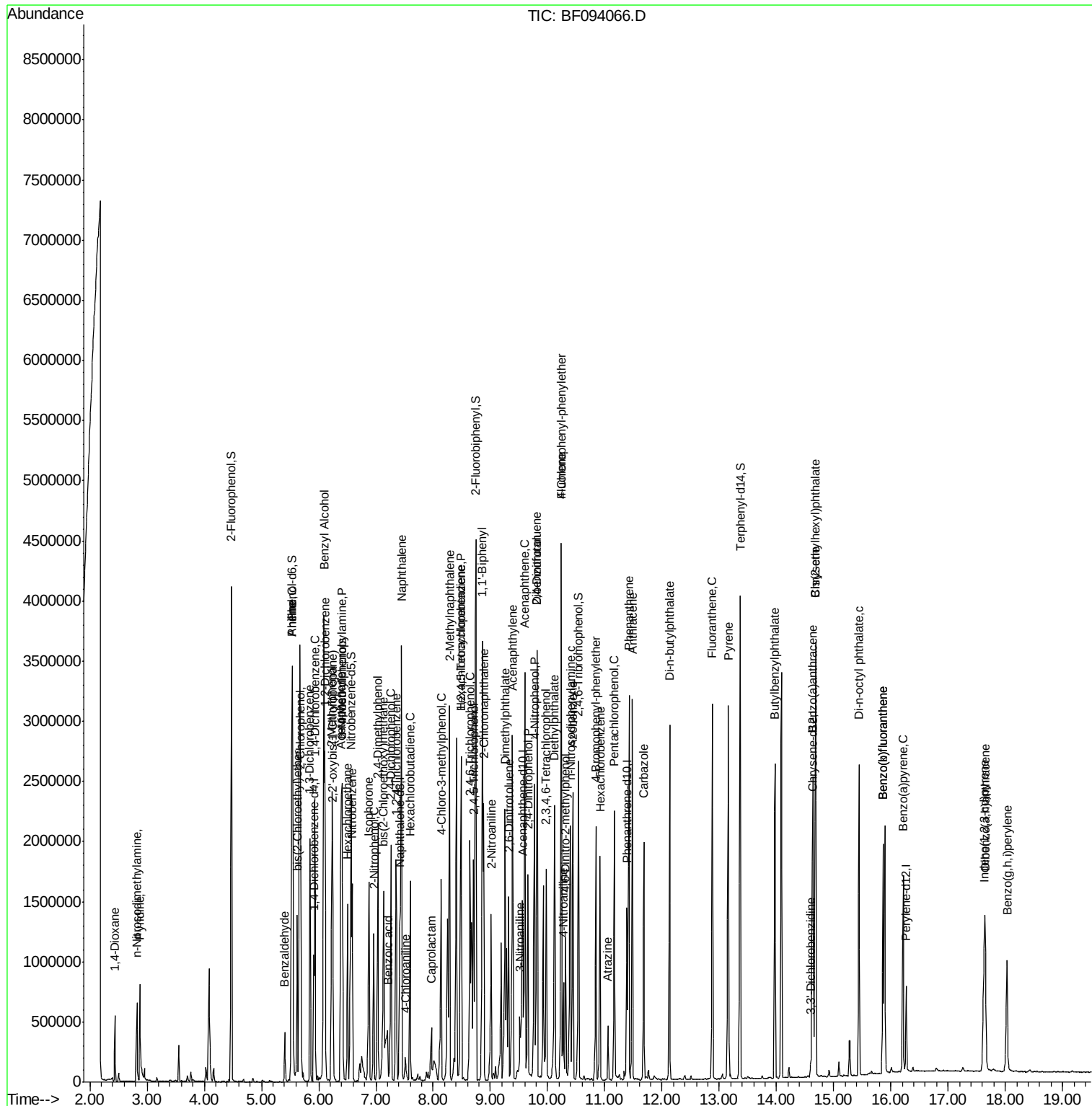
(#) = qualifier out of range (m) = manual integration (+) = signals summed

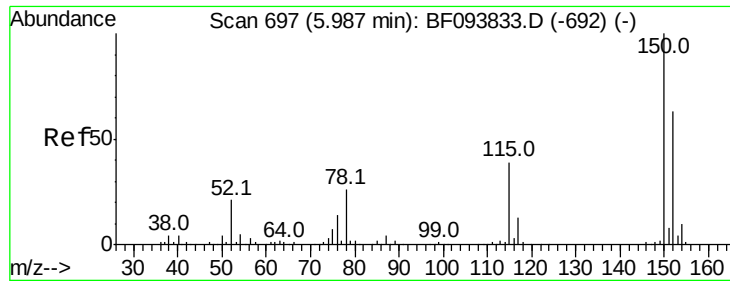
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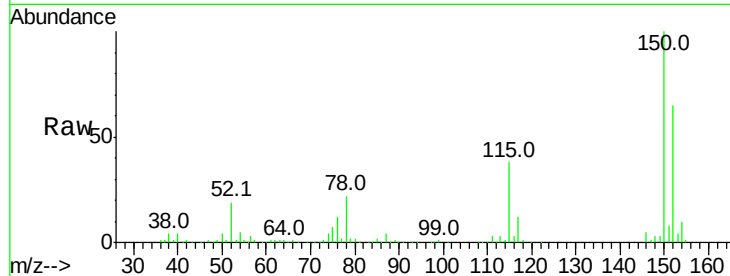


#1

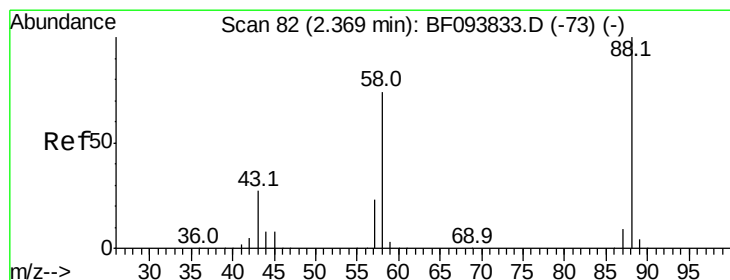
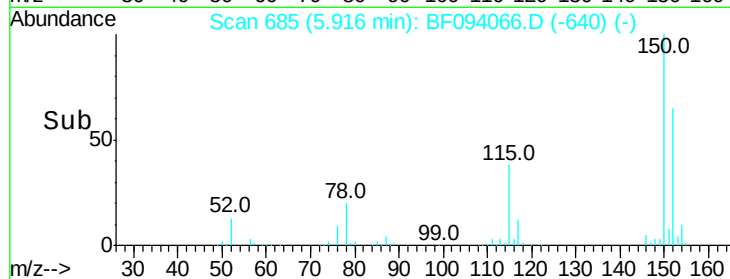
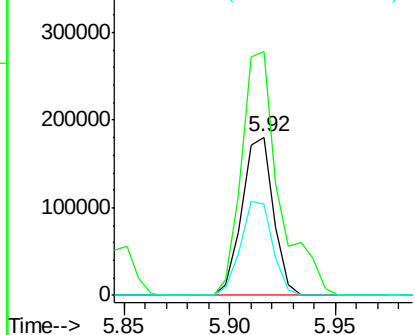
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.92 min Scan# 685
 Delta R.T. -0.04 min
 Lab File: BF094066.D
 Acq: 30 Mar 2017 19:04

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Tot Ion:152 Resp: 186020
 Ion Ratio Lower Upper
 152 100
 150 154.1 126.2 189.2
 115 58.1 52.2 78.2



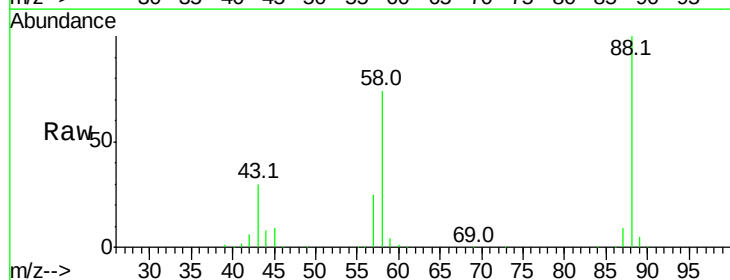
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



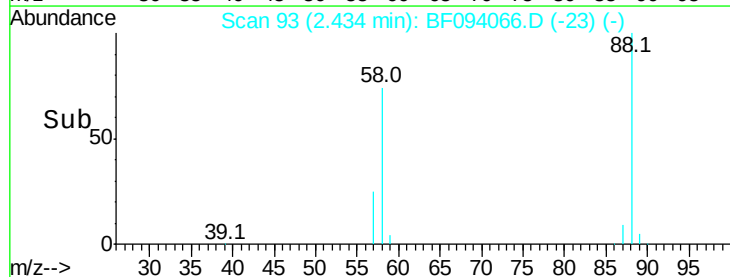
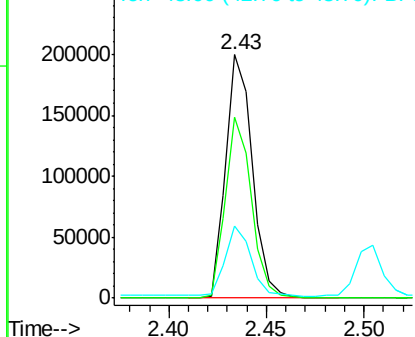
#2

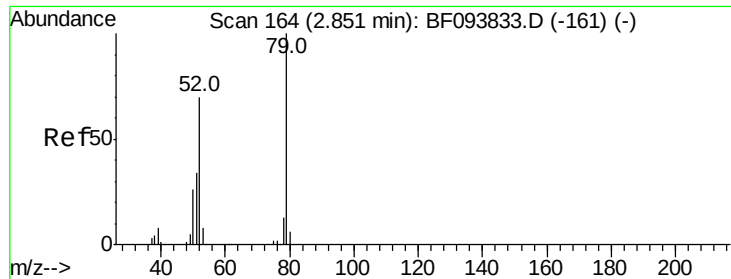
1,4-Dioxane
 Concen: 35.77 ng
 RT: 2.43 min Scan# 93
 Delta R.T. 0.11 min
 Lab File: BF094066.D
 Acq: 30 Mar 2017 19:04

Tgt Ion: 88 Resp: 189246
 Ion Ratio Lower Upper
 88 100
 58 73.1 61.4 92.0
 43 0.0 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

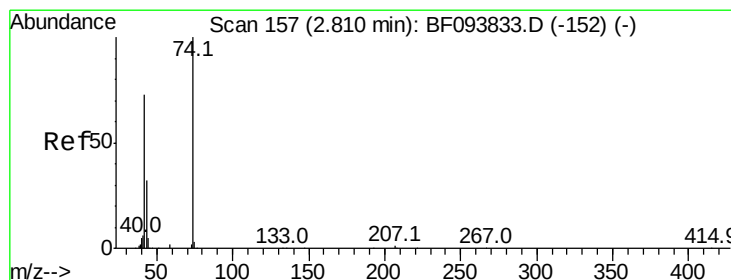
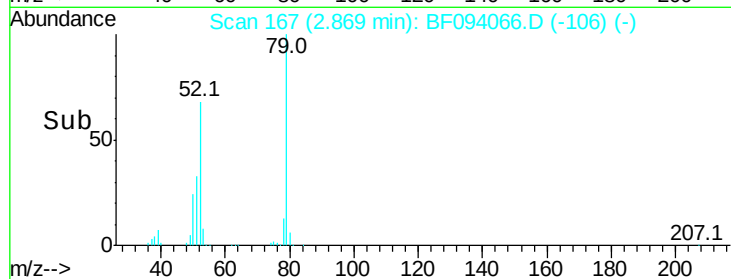
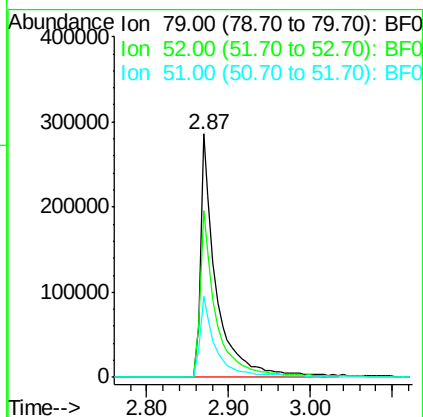
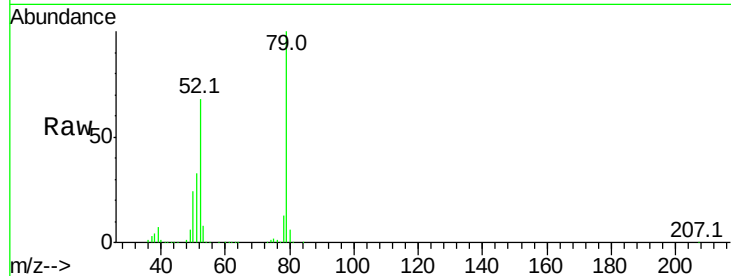




#3
 Pvridine
 Concen: 26.88 ng
 RT: 2.87 min Scan# 167
 Delta R.T. 0.06 min
 Lab File: BF094066.D
 Acq: 30 Mar 2017 19:04

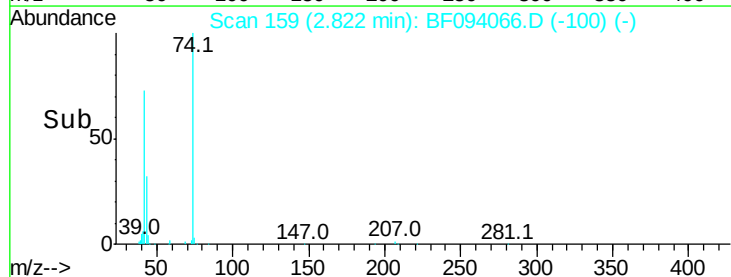
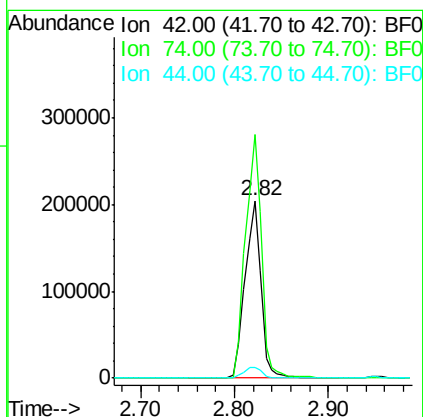
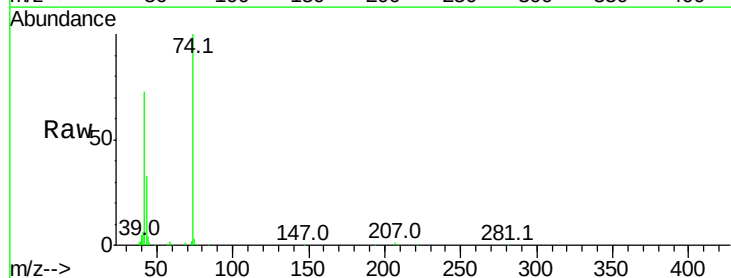
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

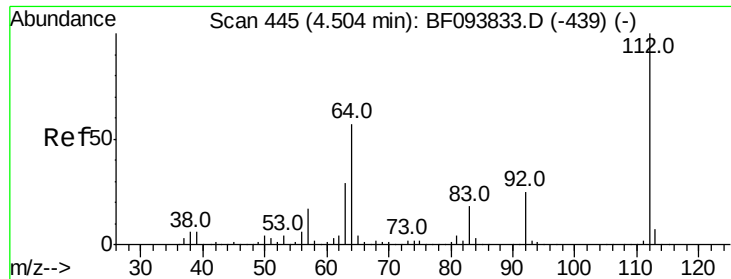
Tot Ion: 79 Resp: 387673
 Ion Ratio Lower Upper
 79 100
 52 68.3 54.8 82.2
 51 33.4 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 40.90 ng
 RT: 2.82 min Scan# 159
 Delta R.T. 0.05 min
 Lab File: BF094066.D
 Acq: 30 Mar 2017 19:04

Tgt Ion: 42 Resp: 242689
 Ion Ratio Lower Upper
 42 100
 74 137.2 103.9 155.9
 44 6.2 5.7 8.5





#5

2-Fluorophenol

Concen: 118.38 ng

RT: 4.47 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

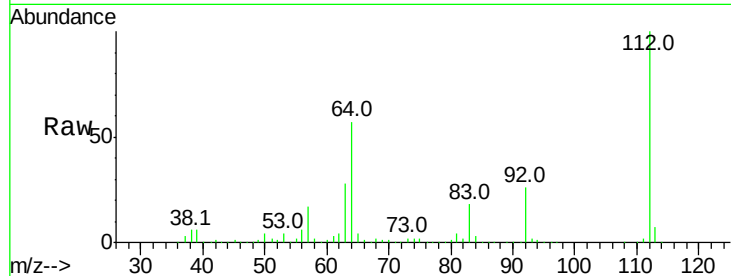
Tot Ion:112 Resp: 1303758

Ion Ratio Lower Upper

112 100

64 57.3 46.0 69.0

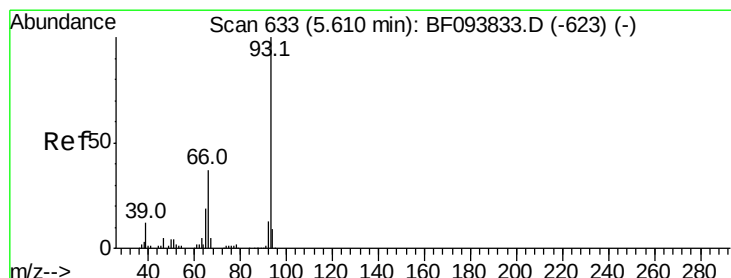
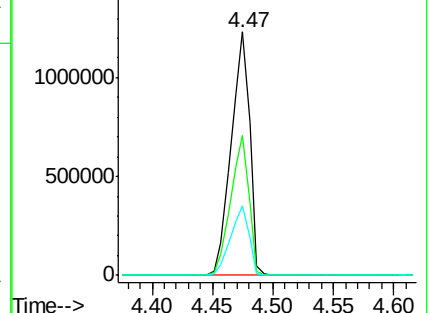
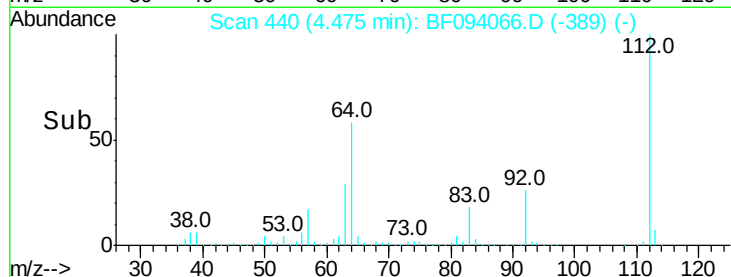
63 28.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 11.48 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.03 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

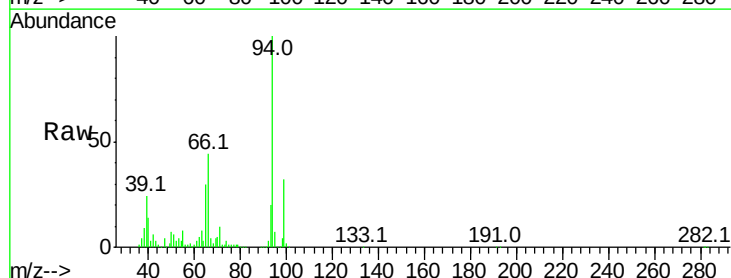
Tgt Ion: 93 Resp: 217502

Ion Ratio Lower Upper

93 100

66 217.9 32.9 49.3#

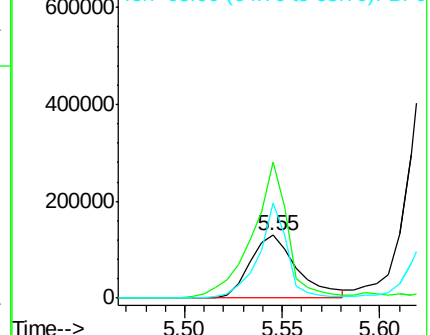
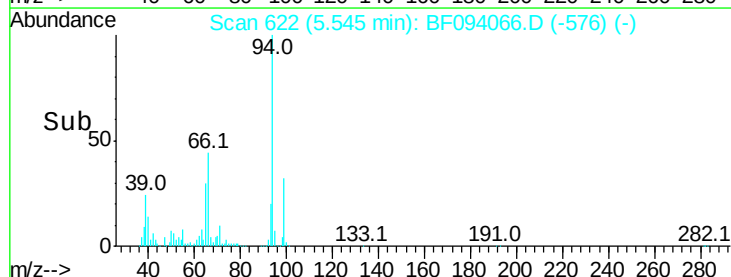
65 151.1 16.0 24.0#

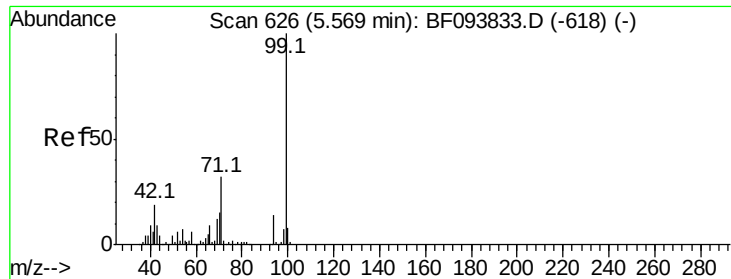


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.48 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

Instrument :

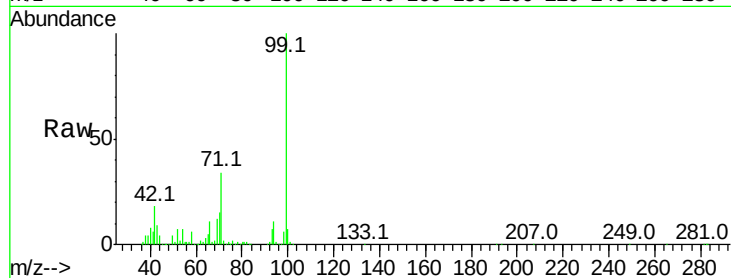
BNA_F

ClientSampleId :

WC-B42-B51-001MS

Tot Ion: 99 Resp: 1614307

Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.5	20.3
71	34.0	24.5	36.7

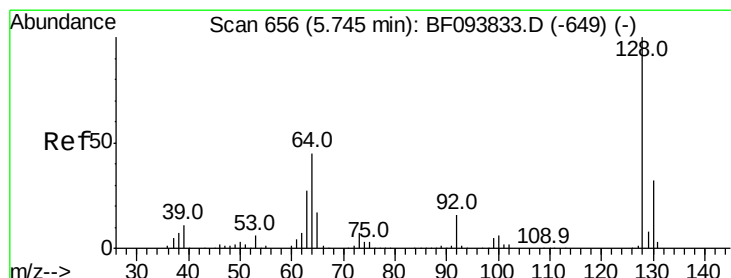
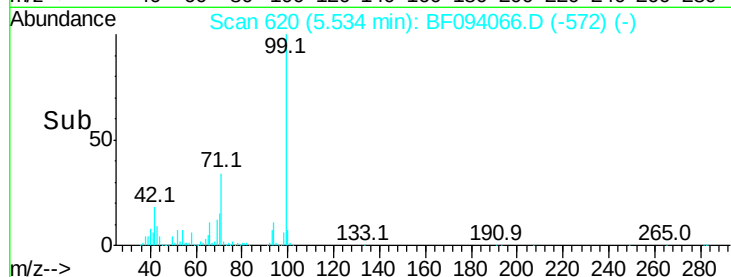


Abundance

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: 44.00 ng

RT: 5.69 min Scan# 646

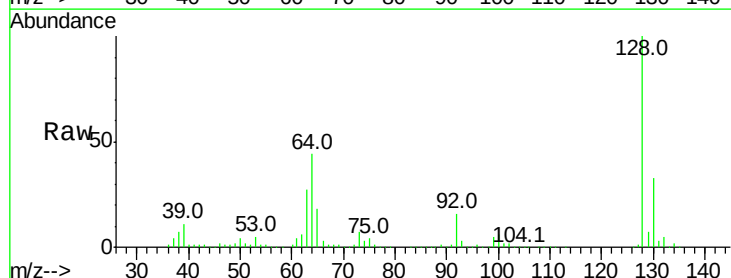
Delta R.T. -0.03 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

Tgt Ion:128 Resp: 532612

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	44.3	28.4	68.4

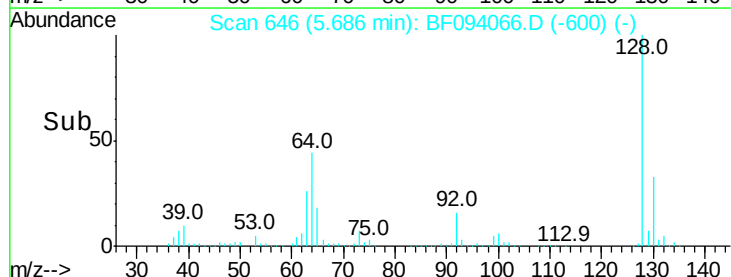


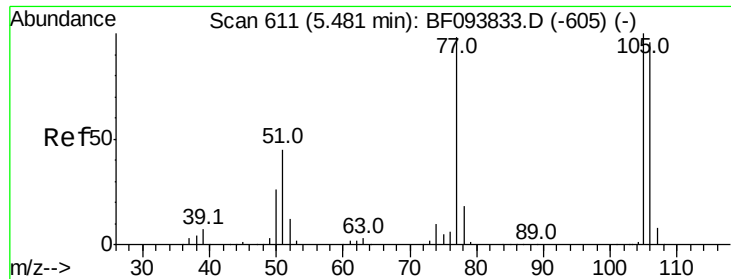
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 10.37 ng

RT: 5.41 min Scan# 599

Delta R.T. -0.04 min

Lab File: BF094066.D

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Instrument :

BNA_F

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WC-B42-B51-001MS

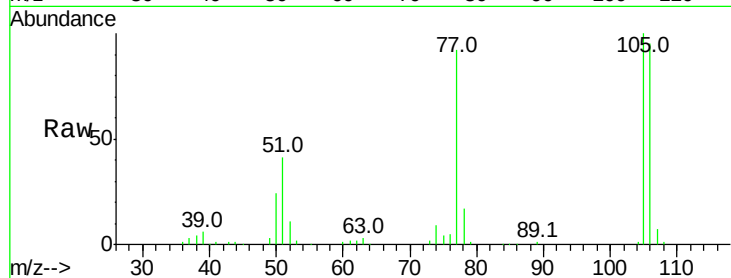
Tot Ion: 77 Resp: 95396

Ion Ratio Lower Upper

77 100

105 108.1 83.8 123.8

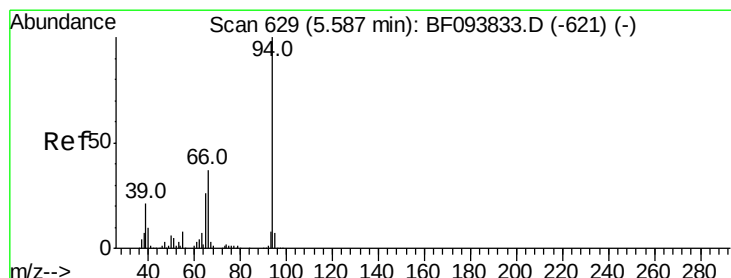
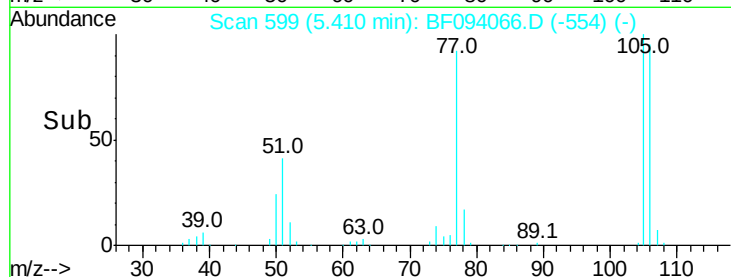
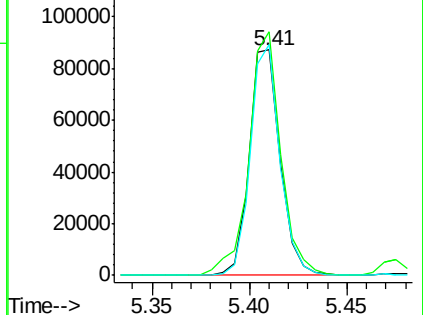
106 102.4 79.1 119.1



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: 38.02 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.02 min

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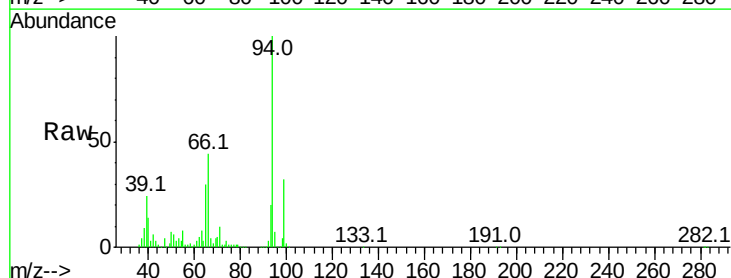
Tgt Ion: 94 Resp: 589423

Ion Ratio Lower Upper

94 100

65 30.5 9.9 49.9

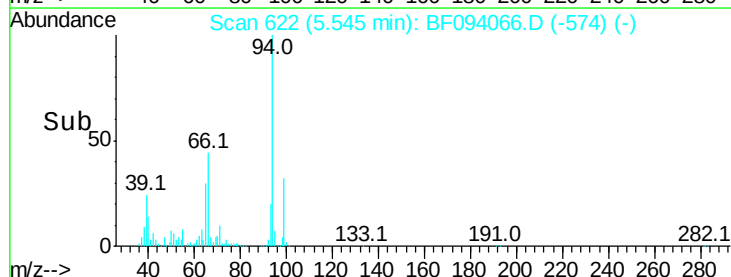
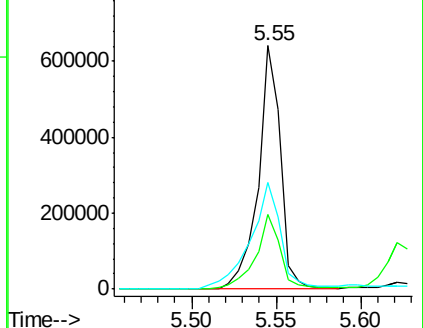
66 43.9 23.1 63.1

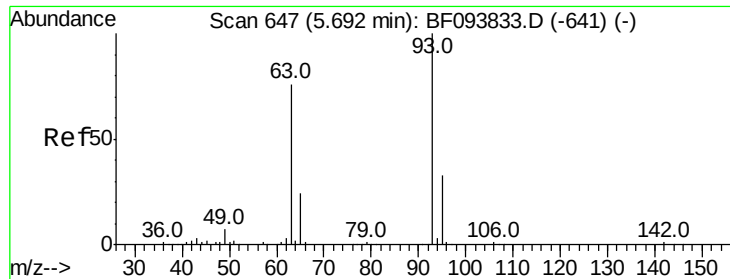


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

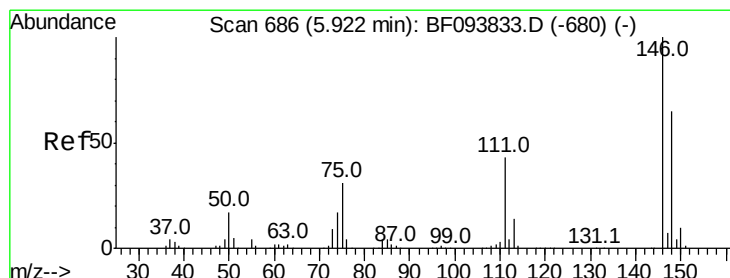
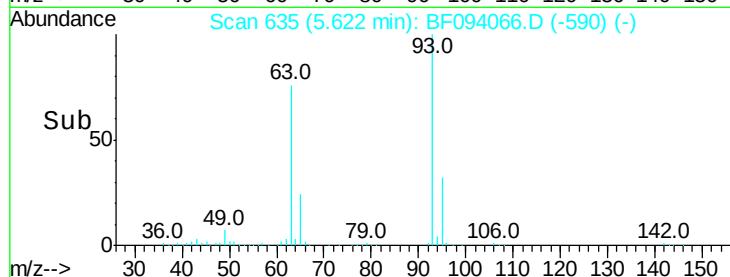
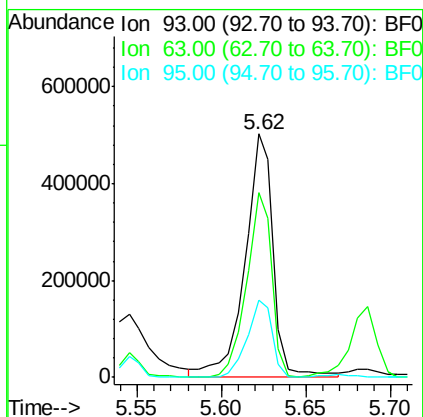
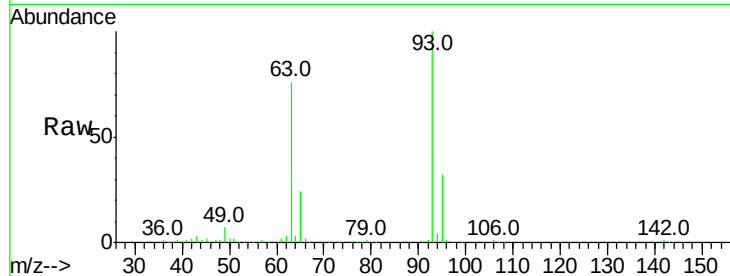




#11
bis(2-Chloroethyl)ether
Concen: 48.70 ng
RT: 5.62 min Scan# 635
Delta R.T. -0.04 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

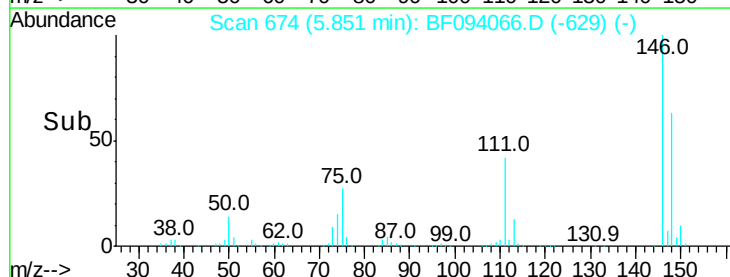
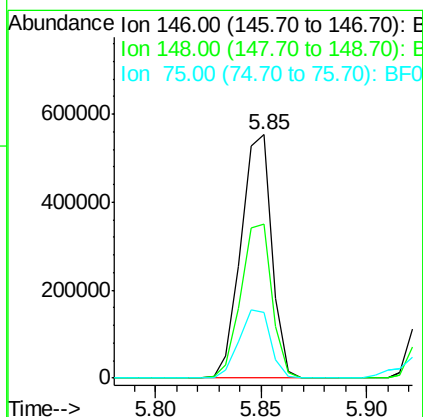
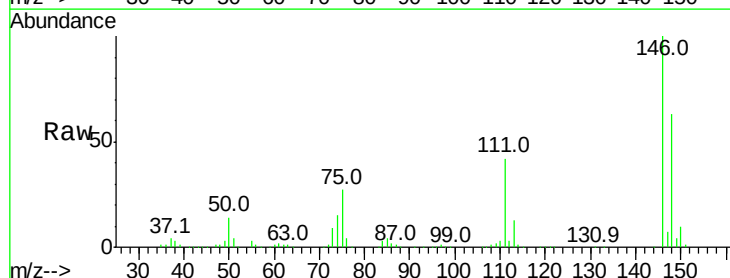
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

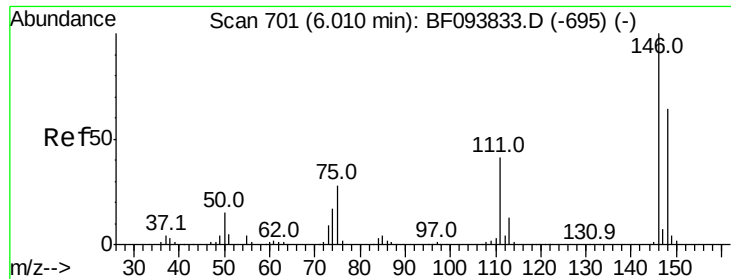
Tot Ion: 93 Resp: 590088
Ion Ratio Lower Upper
93 100
63 75.8 59.2 99.2
95 31.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.28 ng
RT: 5.85 min Scan# 674
Delta R.T. -0.04 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

Tgt Ion: 146 Resp: 560541
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.6
75 27.1 23.1 34.7

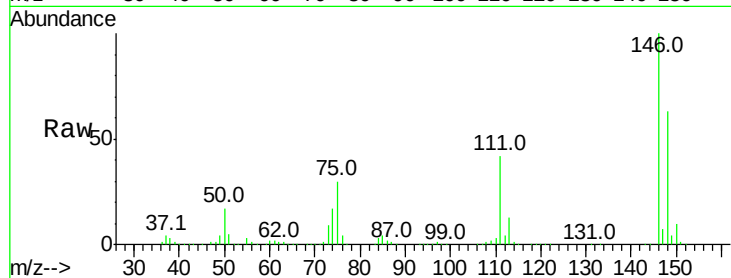




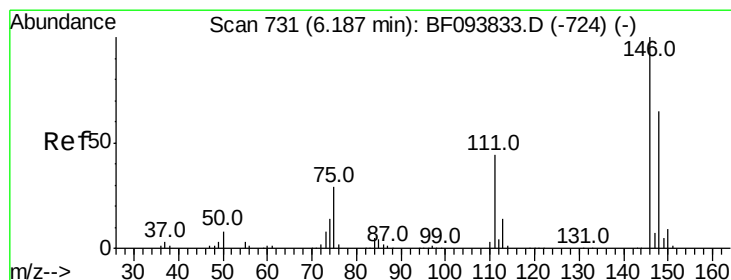
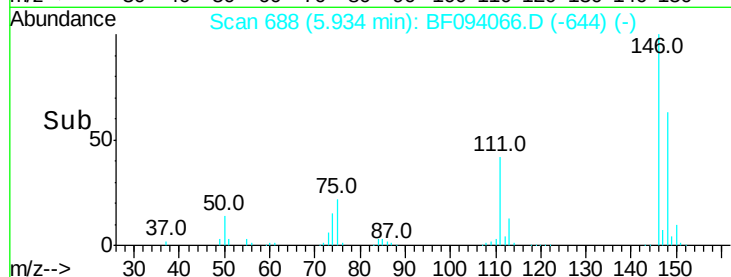
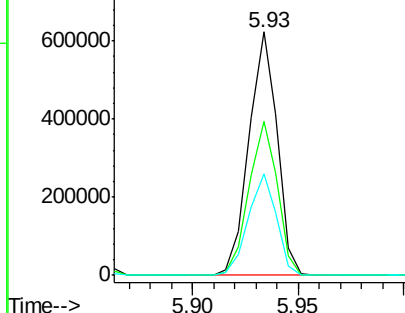
#13
 1,4-Dichlorobenzene
 Concen: 42.14 ng
 RT: 5.93 min Scan# 688
 Delta R.T. -0.04 min
 Lab File: BF094066.D
 Acq: 30 Mar 2017 19:04

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Tot Ion:146 Resp: 579569
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.2
 111 41.6 30.3 45.5

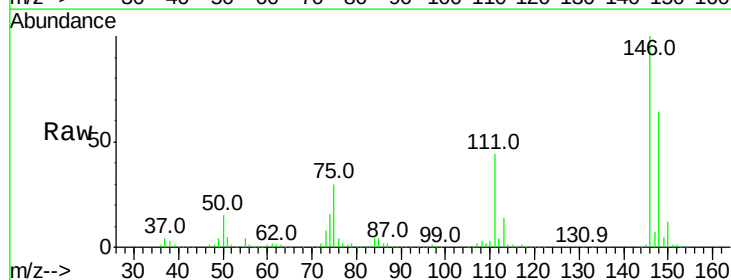


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

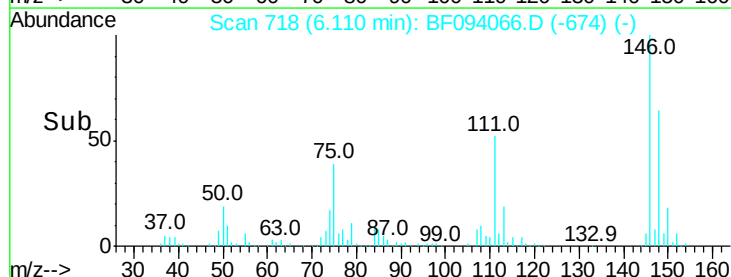
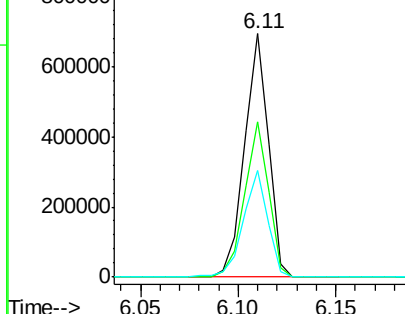


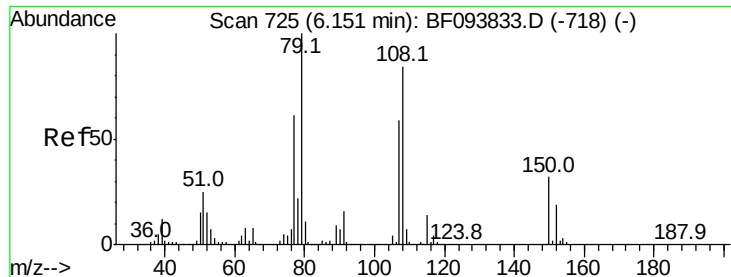
#14
 1,2-Dichlorobenzene
 Concen: 46.42 ng
 RT: 6.11 min Scan# 718
 Delta R.T. -0.04 min
 Lab File: BF094066.D
 Acq: 30 Mar 2017 19:04

Tgt Ion:146 Resp: 587885
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.4 75.6
 111 43.9 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: 41.66 ng

RT: 6.09 min Scan# 714

Delta R.T. -0.03 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

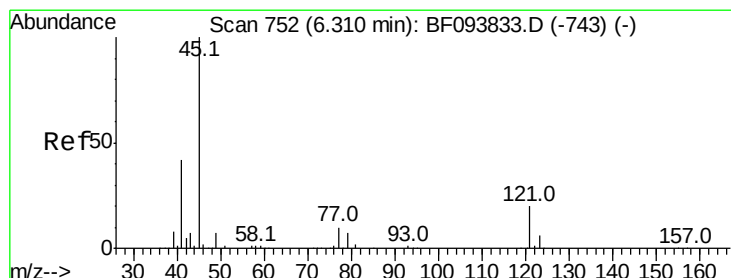
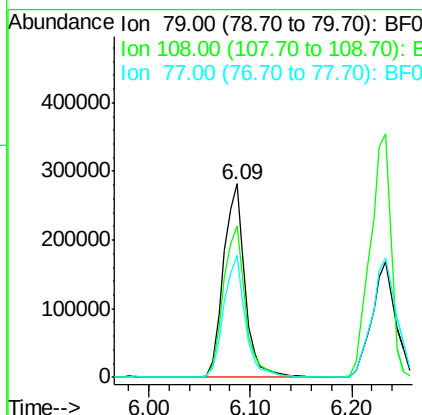
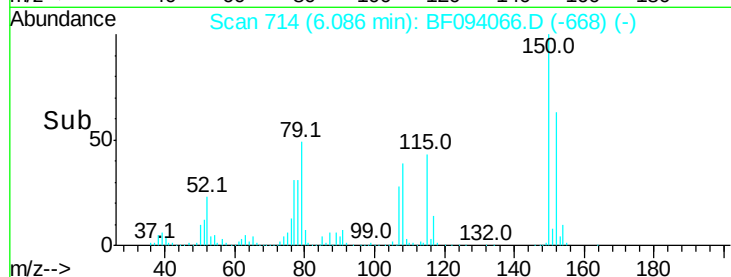
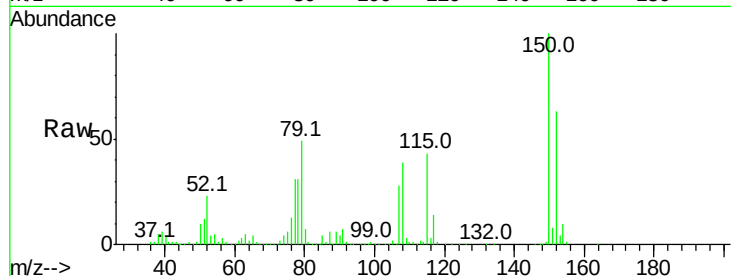
Tot Ion: 79 Resp: 415411

Ion Ratio Lower Upper

79 100

108 78.5 63.4 95.0

77 63.2 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.12 ng

RT: 6.25 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

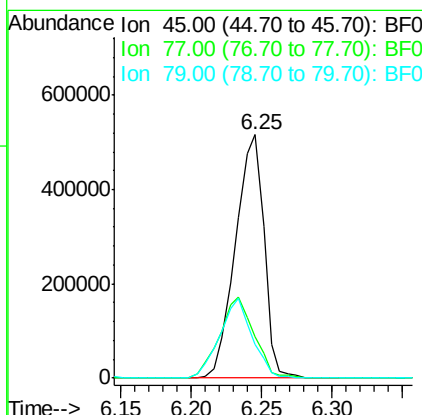
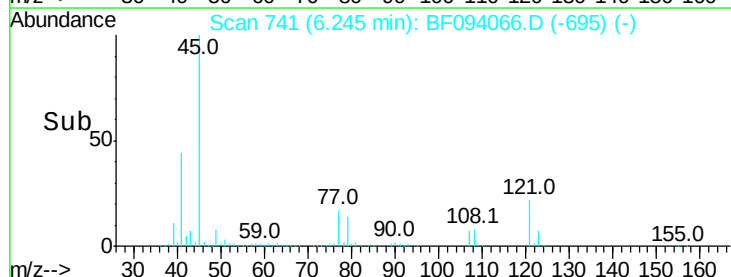
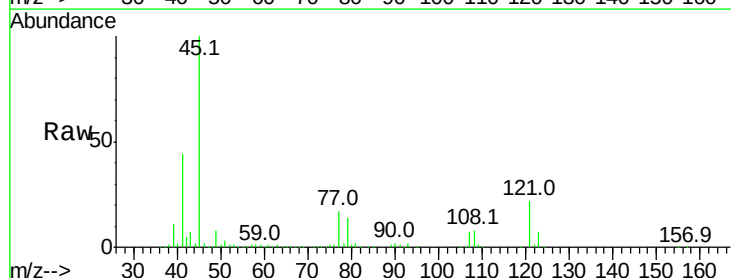
Tgt Ion: 45 Resp: 730321

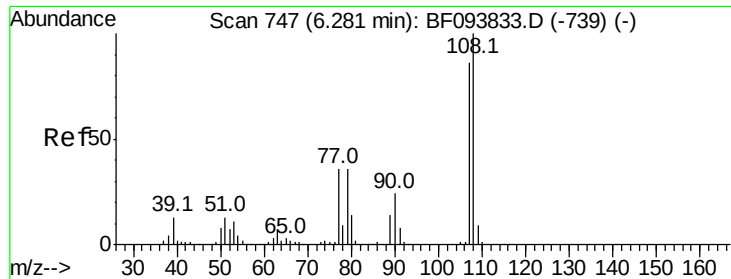
Ion Ratio Lower Upper

45 100

77 16.8 0.0 33.2

79 13.9 0.0 30.0

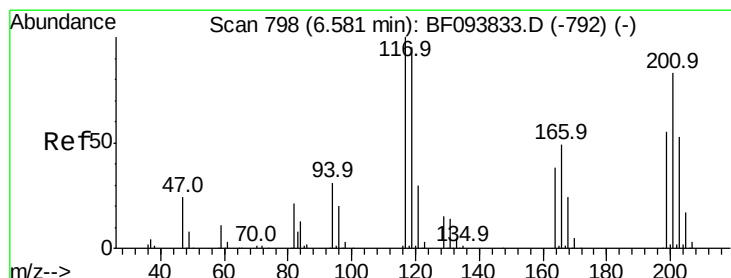
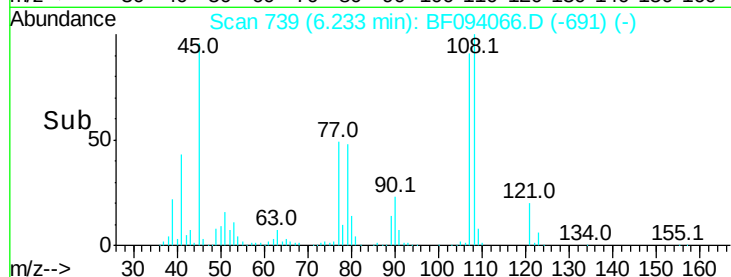
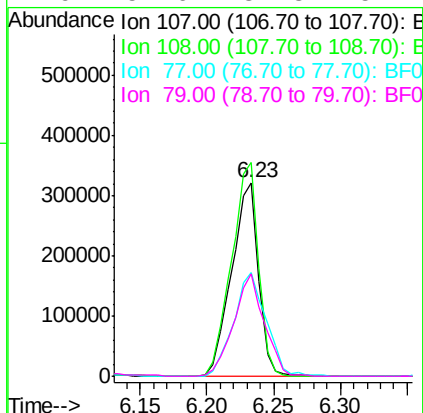
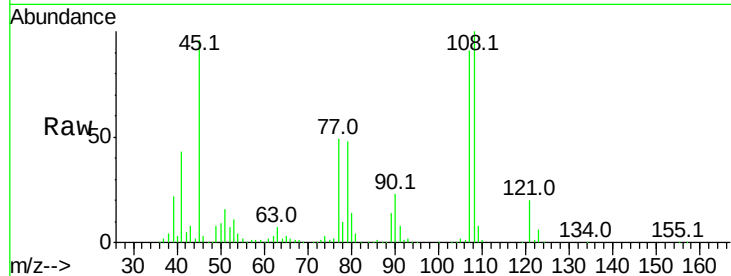




#17
2-Methylphenol
Concen: 43.72 ng
RT: 6.23 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

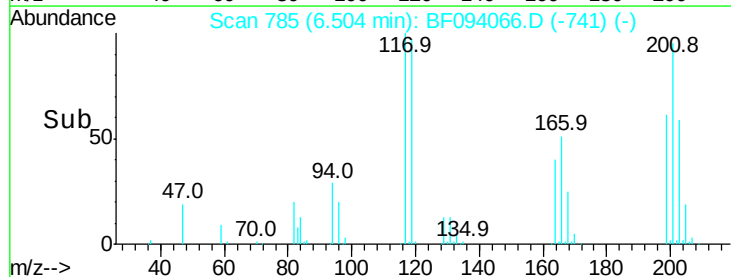
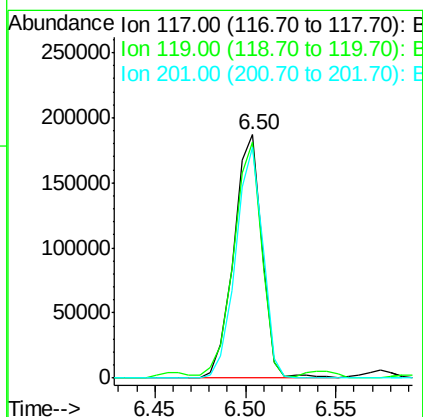
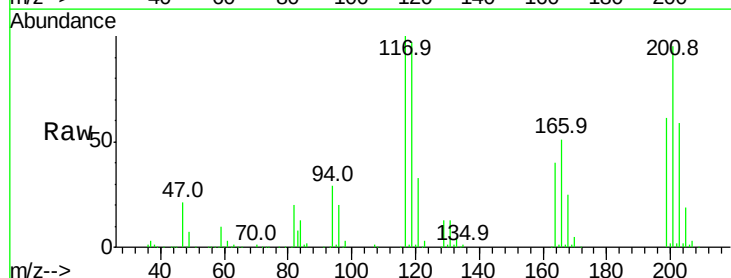
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

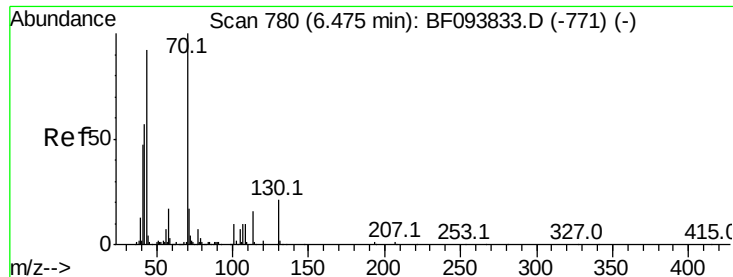
Tot Ion:107 Resp: 453232
Ion Ratio Lower Upper
107 100
108 110.3 93.4 140.0
77 53.9 35.8 53.6#
79 52.6 34.8 52.2#



#18
Hexachloroethane
Concen: 42.01 ng
RT: 6.50 min Scan# 785
Delta R.T. -0.04 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

Tgt Ion:117 Resp: 203061
Ion Ratio Lower Upper
117 100
119 97.1 77.4 116.0
201 94.8 94.6 141.8

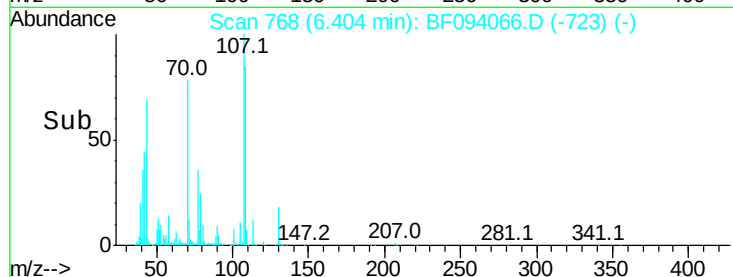
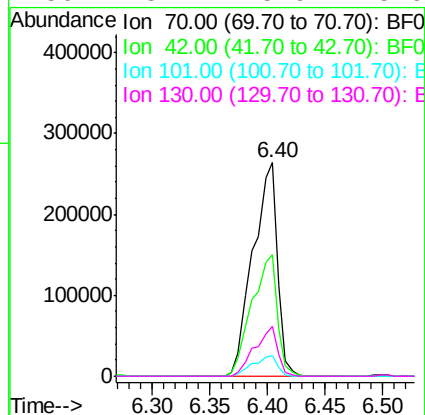
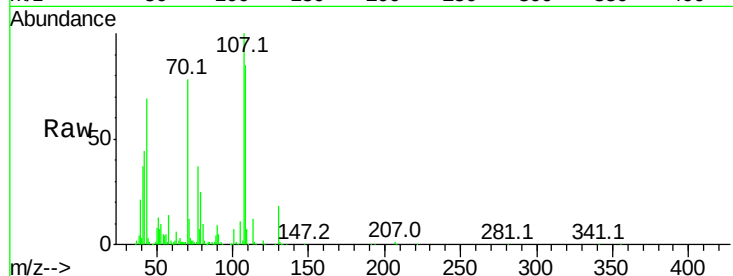




#19
n-Nitroso-di-n-propylamine
Concen: 44.98 ng
RT: 6.40 min Scan# 768
Delta R.T. -0.04 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

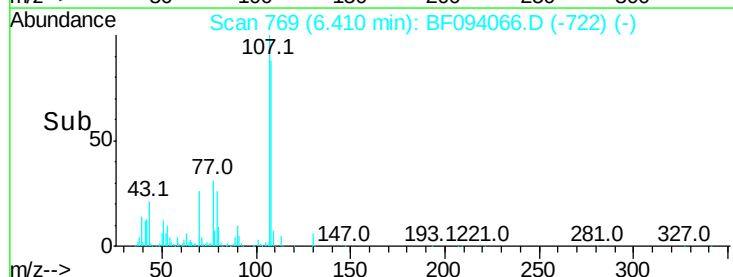
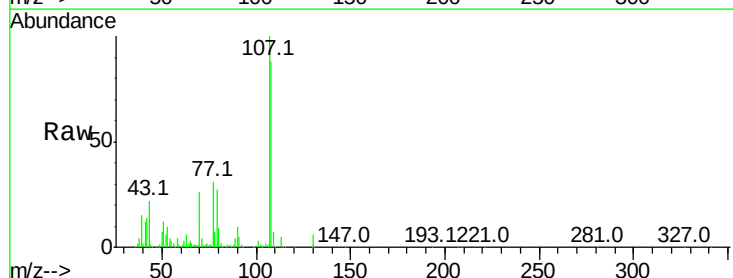
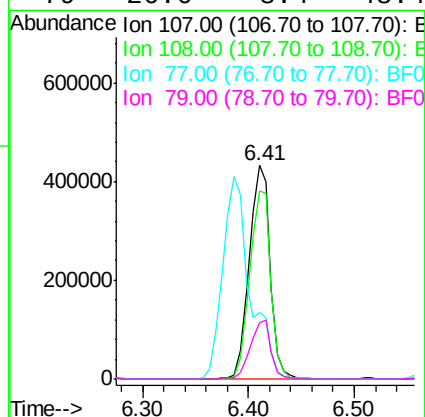
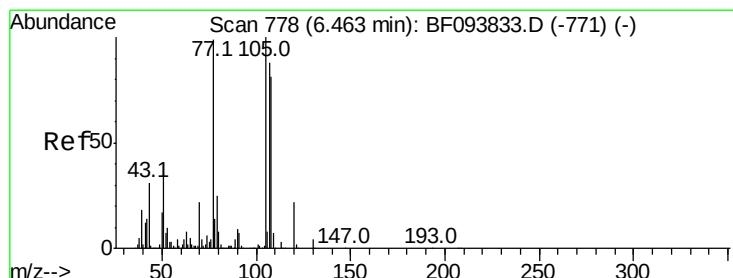
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

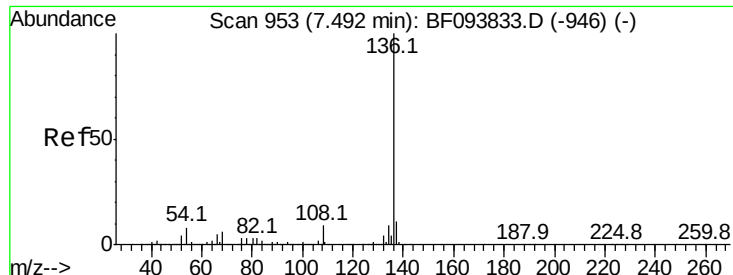
Tot Ion:	70	Resp:	393851
Ion	Ratio	Lower	Upper
70	100		
42	56.7	47.2	70.8
101	9.6	7.2	10.8
130	23.4	15.9	23.9



#20
3+4-Methylphenols
Concen: 47.42 ng
RT: 6.41 min Scan# 769
Delta R.T. -0.02 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

Tgt Ion:	107	Resp:	595493
Ion	Ratio	Lower	Upper
107	100		
108	88.1	71.0	111.0
77	31.2	90.5	130.5#
79	26.6	8.4	48.4

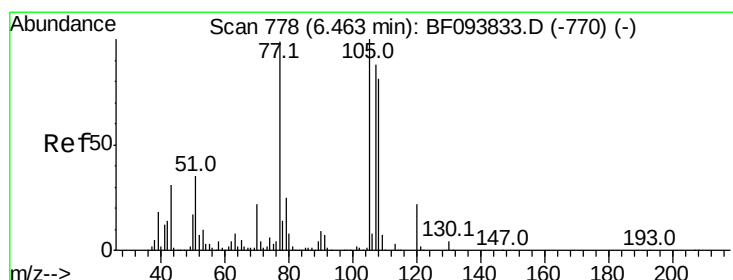
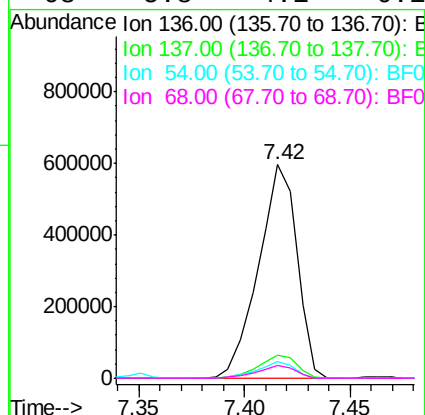
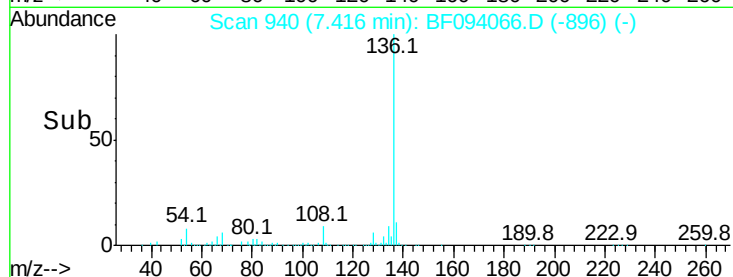
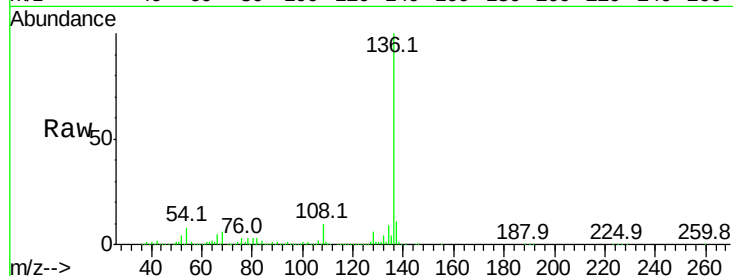




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.42 min Scan# 940
Delta R.T. -0.04 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

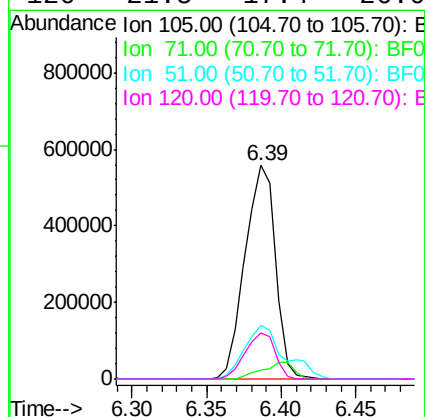
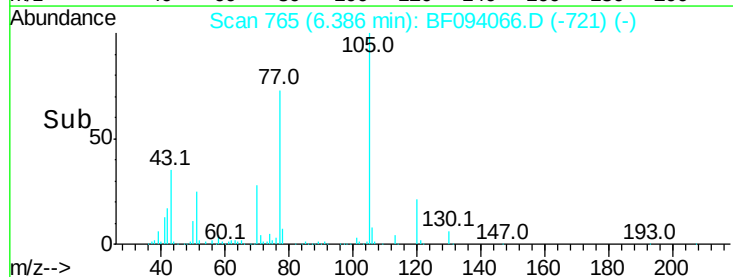
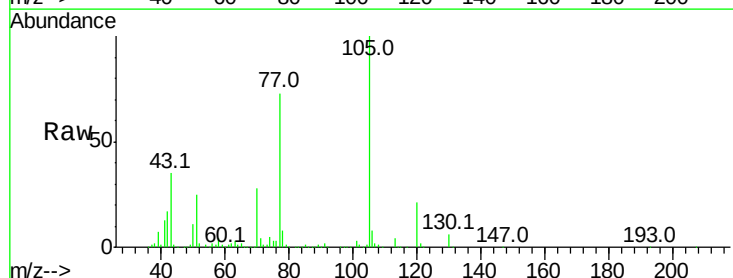
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

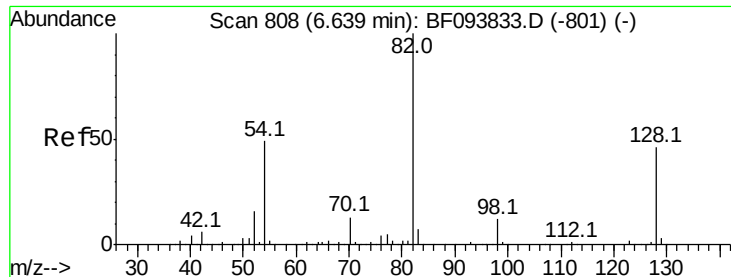
Tot Ion:136	Resp:	755670
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.5	12.7
54 7.8	4.9	7.3#
68 5.8	4.1	6.1



#22
Acetophenone
Concen: 46.65 ng
RT: 6.39 min Scan# 765
Delta R.T. -0.04 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

Tgt	Ion:105	Resp:	785729
Ion	Ratio	Lower	Upper
105	100		
71	4.5	2.8	4.2#
51	25.0	30.7	46.1#
120	21.5	17.4	26.0

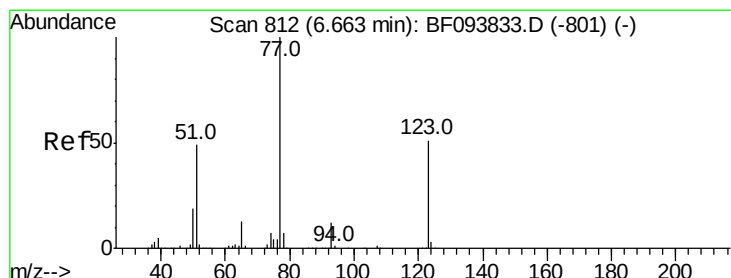
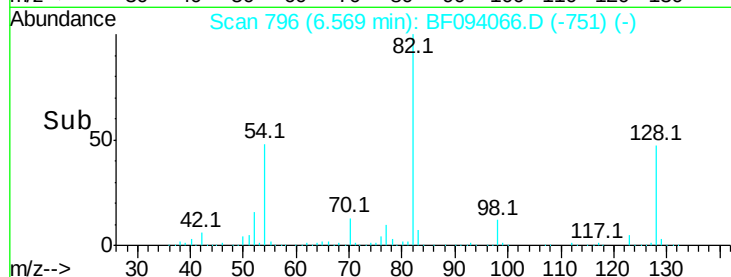
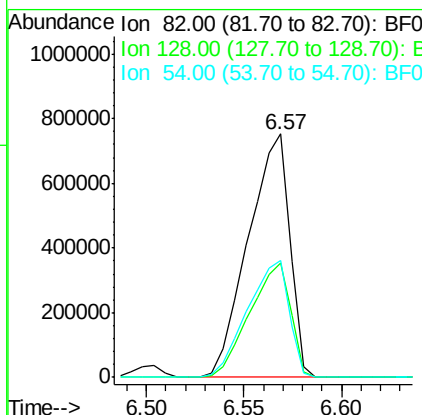
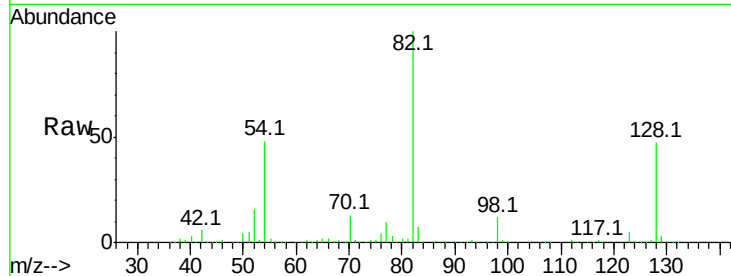




#23
Nitrobenzene-d5
Concen: 83.42 ng
RT: 6.57 min Scan# 796
Delta R.T. -0.04 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

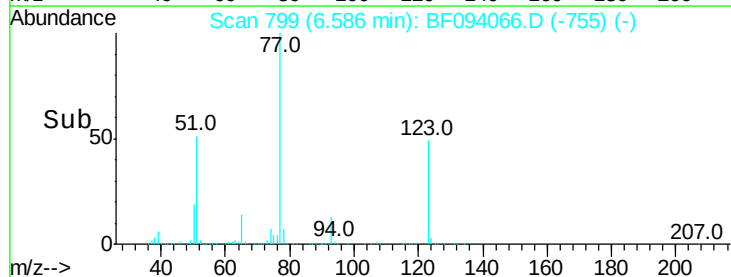
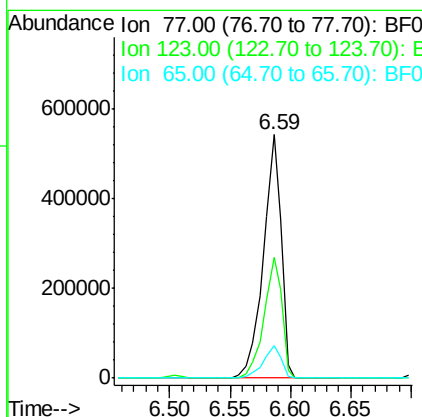
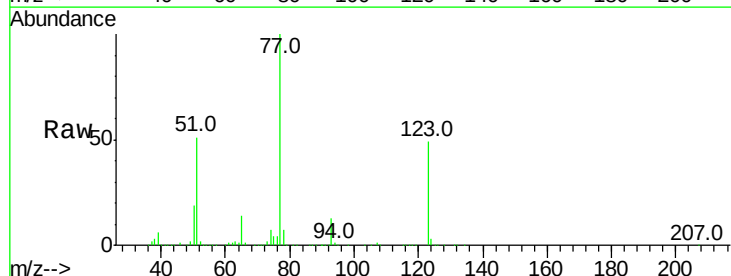
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

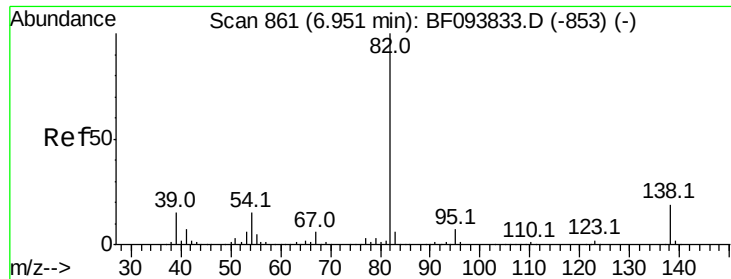
Tot Ion: 82 Resp: 1104618
Ion Ratio Lower Upper
82 100
128 47.0 34.0 51.0
54 48.2 42.2 63.2



#24
Nitrobenzene
Concen: 42.97 ng
RT: 6.59 min Scan# 799
Delta R.T. -0.04 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

Tgt Ion: 77 Resp: 561216
Ion Ratio Lower Upper
77 100
123 49.3 35.8 53.8
65 13.5 10.6 15.8





#25

Isophorone

Concen: 45.10 ng

RT: 6.87 min Scan# 848

Delta R.T. -0.04 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

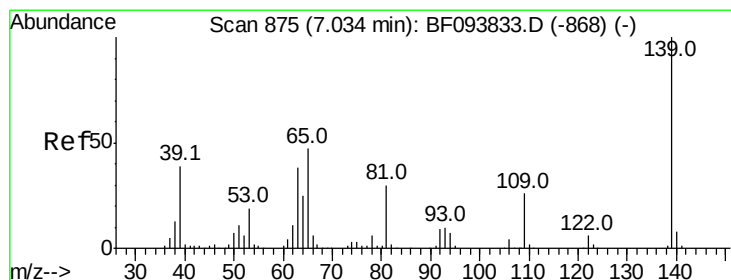
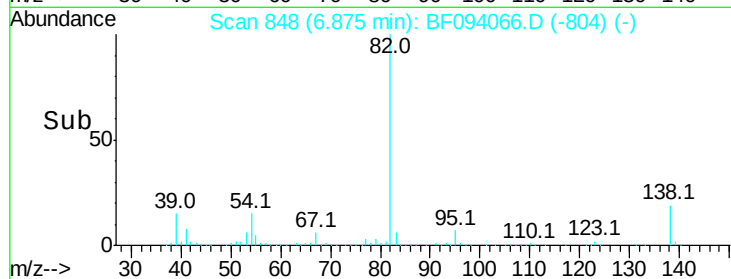
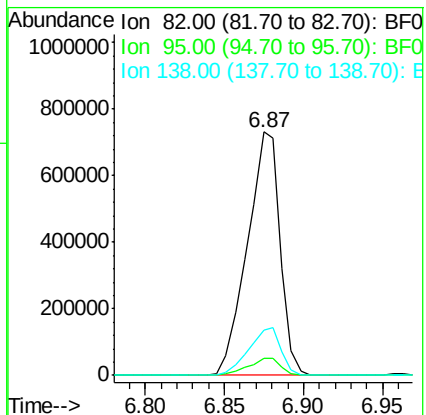
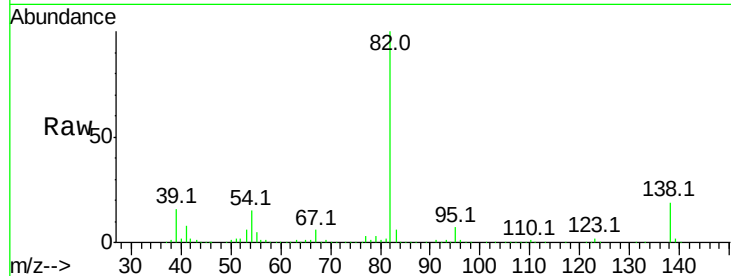
Tot Ion: 82 Resp: 1049395

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 18.6 13.1 19.7



#26

2-Nitrophenol

Concen: 50.34 ng

RT: 6.96 min Scan# 863

Delta R.T. -0.04 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

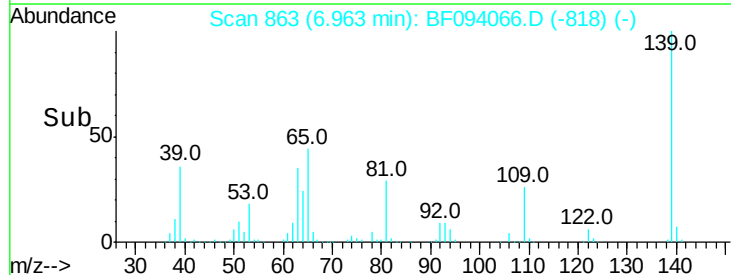
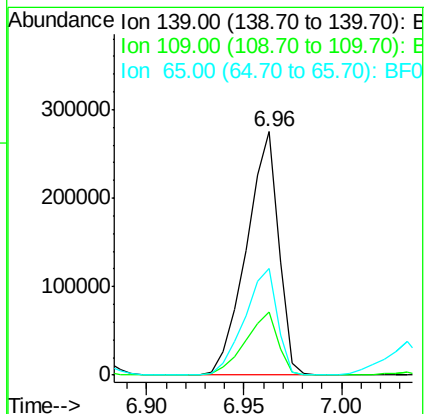
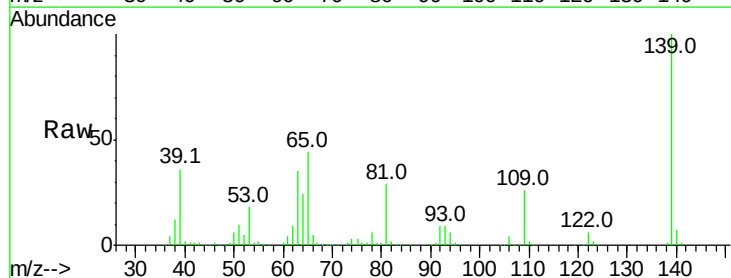
Tgt Ion:139 Resp: 313540

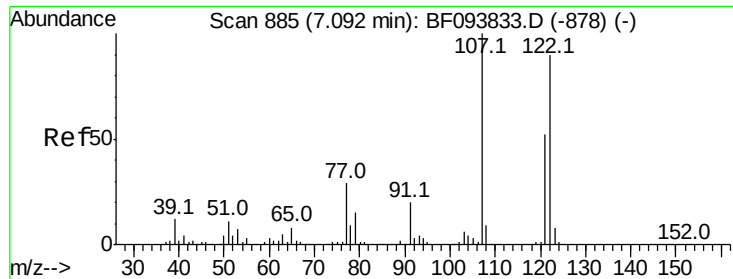
Ion Ratio Lower Upper

139 100

109 26.1 21.0 31.6

65 43.8 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 48.13 ng

RT: 7.03 min Scan# 875

Delta R.T. -0.03 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

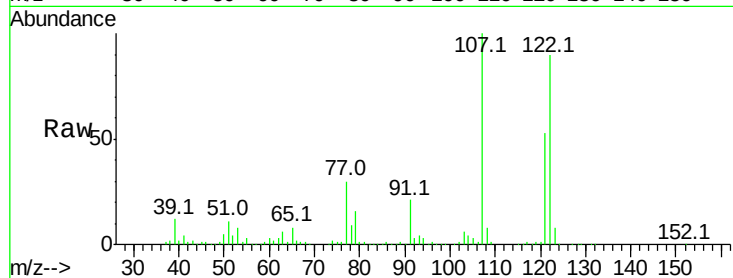
Tot Ion:122 Resp: 516530

Ion Ratio Lower Upper

122 100

107 111.5 89.2 133.8

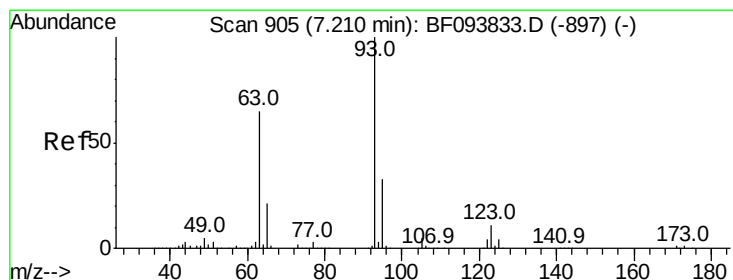
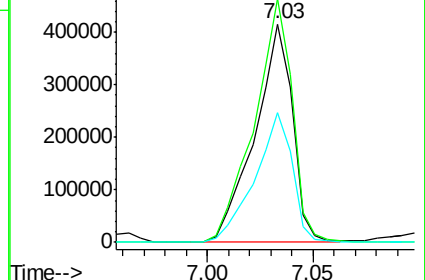
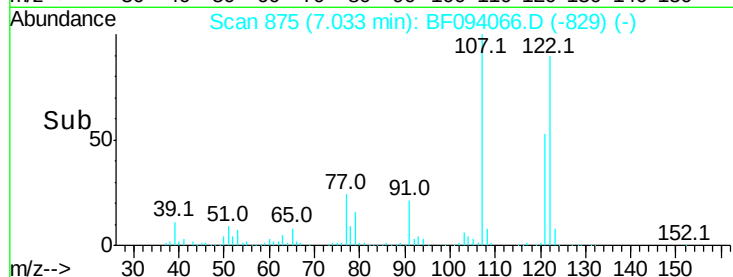
121 59.1 45.2 67.8



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: 43.08 ng

RT: 7.13 min Scan# 892

Delta R.T. -0.04 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

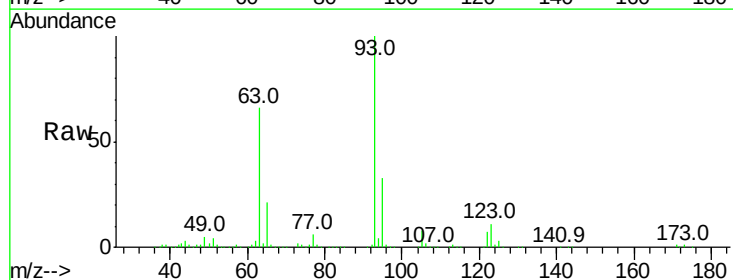
Tgt Ion: 93 Resp: 661010

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

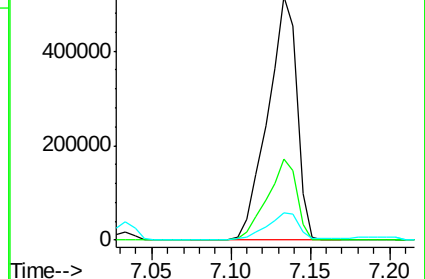
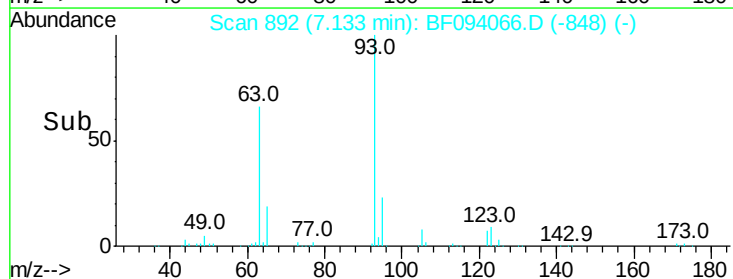
123 11.4 9.0 13.4

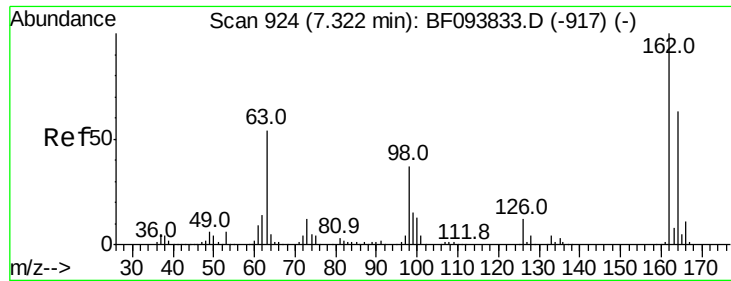


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

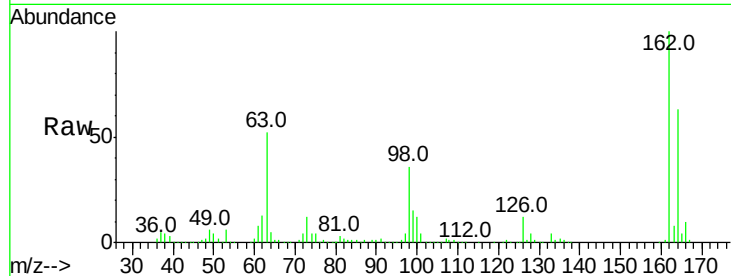




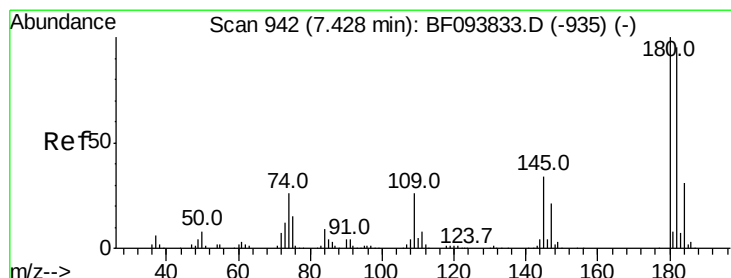
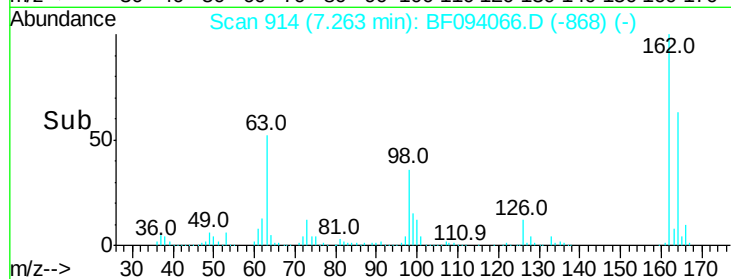
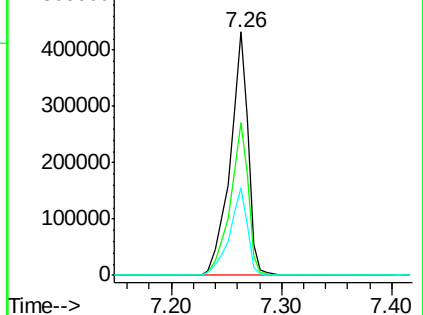
#29
 2,4-Dichlorophenol
 Concen: 49.25 ng
 RT: 7.26 min Scan# 914
 Delta R.T. -0.03 min
 Lab File: BF094066.D
 Acq: 30 Mar 2017 19:04

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.6	84.6
98	36.0	14.8	54.8

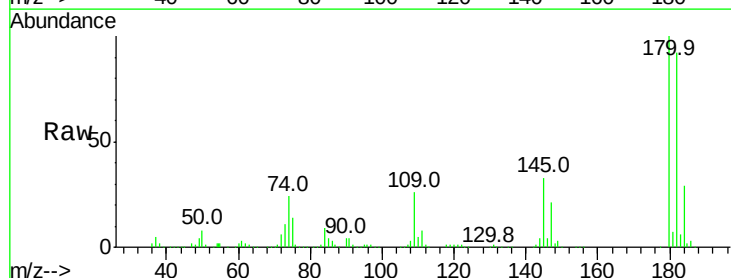


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

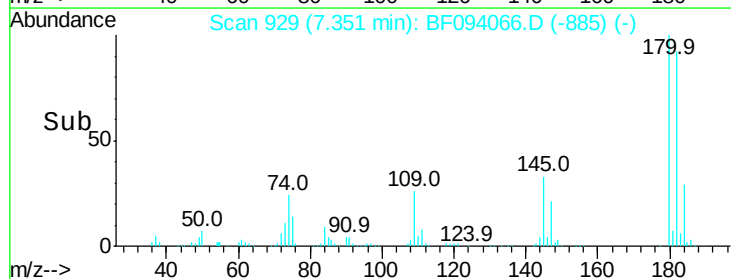
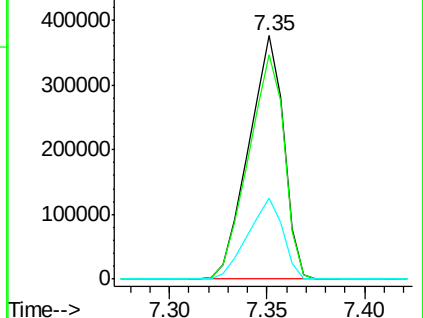


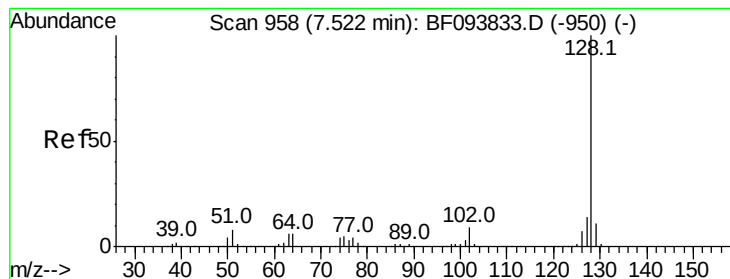
#30
 1,2,4-Trichlorobenzene
 Concen: 45.40 ng
 RT: 7.35 min Scan# 929
 Delta R.T. -0.04 min
 Lab File: BF094066.D
 Acq: 30 Mar 2017 19:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	75.8	113.6
145	33.2	25.3	37.9



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





#31

Naphthalene

Concen: 58.33 ng

RT: 7.45 min Scan# 945

Delta R.T. -0.04 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

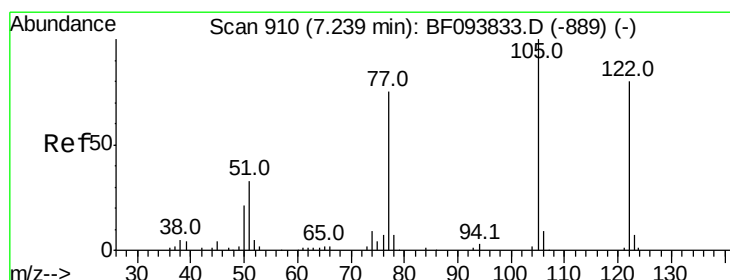
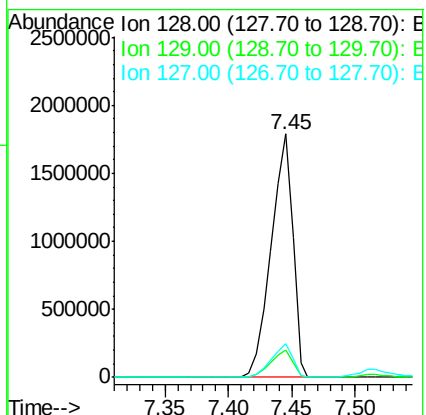
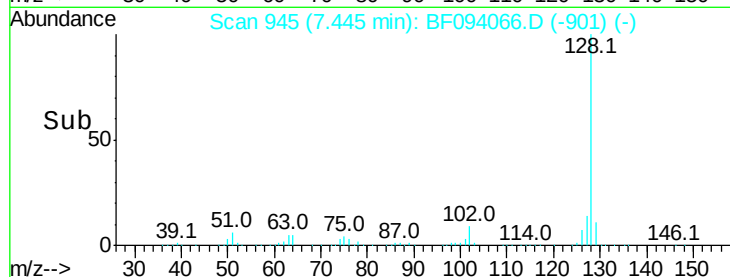
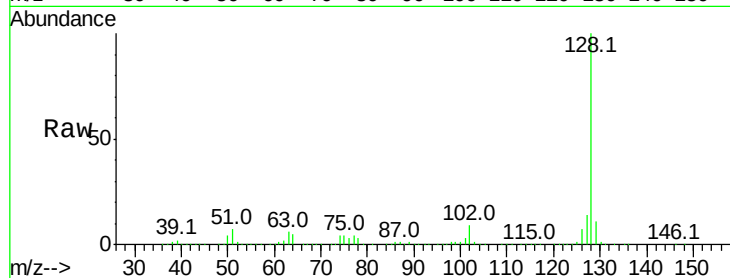
Tot Ion:128 Resp: 2119563

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

127 13.7 10.8 16.2



#32

Benzoic acid

Concen: 48.71 ng

RT: 7.20 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

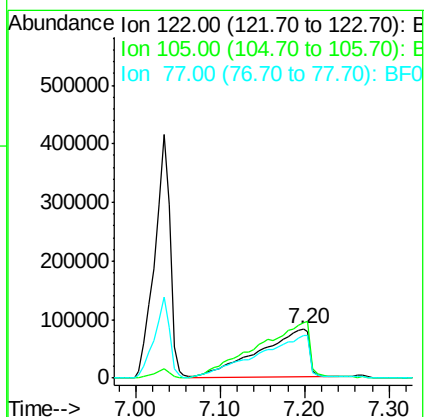
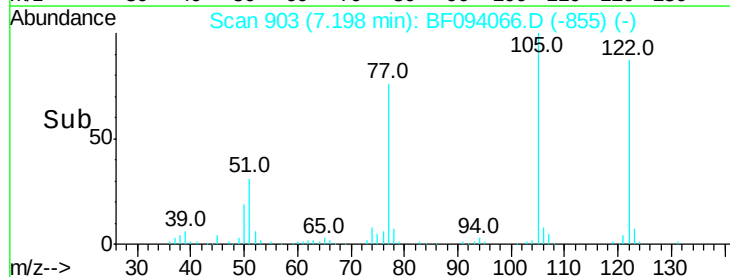
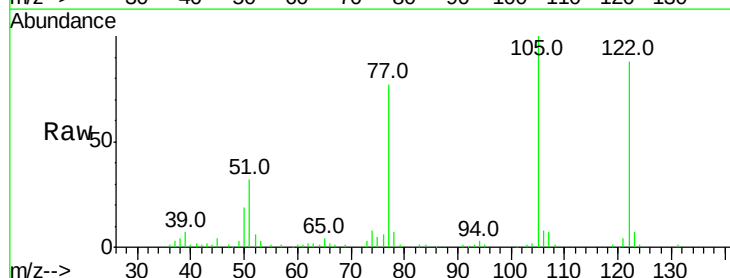
Tgt Ion:122 Resp: 347998

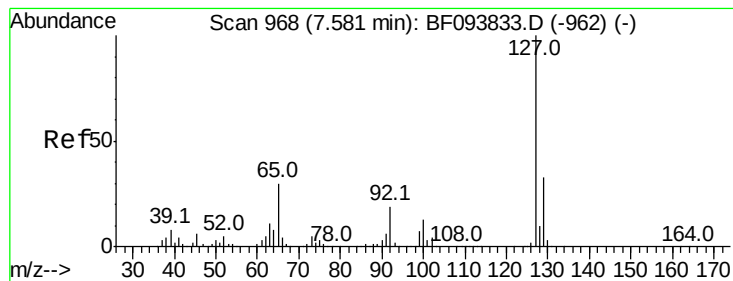
Ion Ratio Lower Upper

122 100

105 114.1 103.3 143.3

77 87.6 73.7 113.7





#33

4-Chloroaniline

Concen: 7.46 ng

RT: 7.52 min Scan# 957

Delta R.T. -0.04 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

Tot Ion:127 Resp: 109872

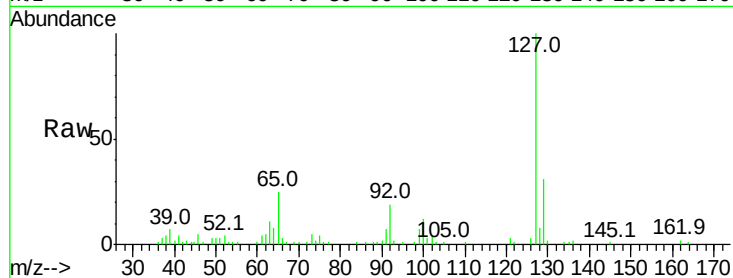
Ion Ratio Lower Upper

127 100

129 30.8 26.2 39.2

65 24.6 27.8 41.8#

92 18.8 16.8 25.2

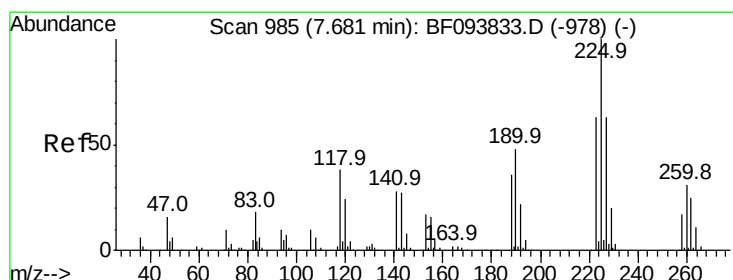
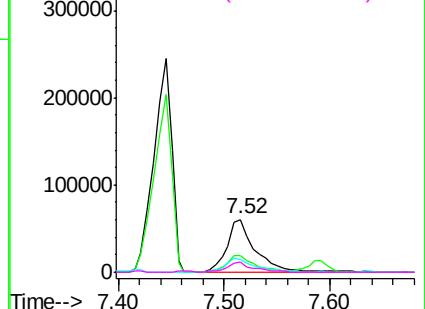
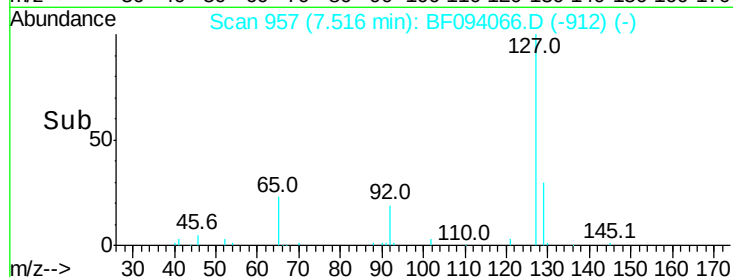


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 44.52 ng

RT: 7.60 min Scan# 971

Delta R.T. -0.04 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

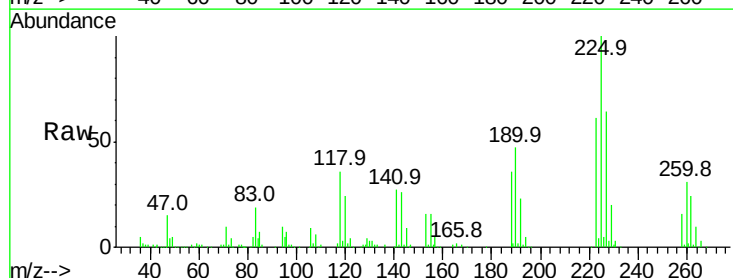
Tgt Ion:225 Resp: 235957

Ion Ratio Lower Upper

225 100

223 61.3 48.8 73.2

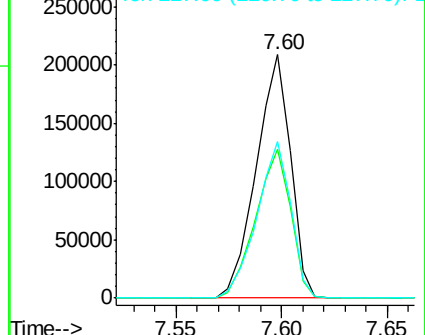
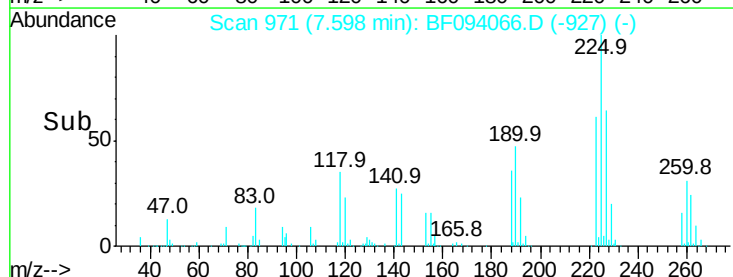
227 64.1 51.1 76.7

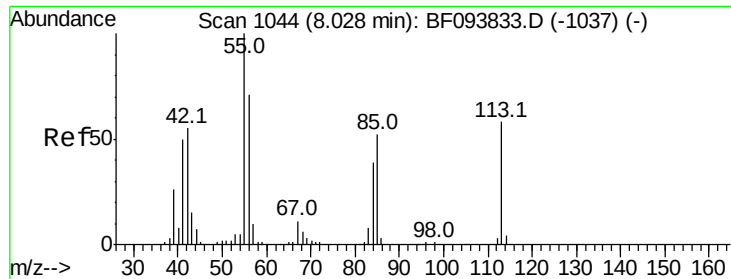


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

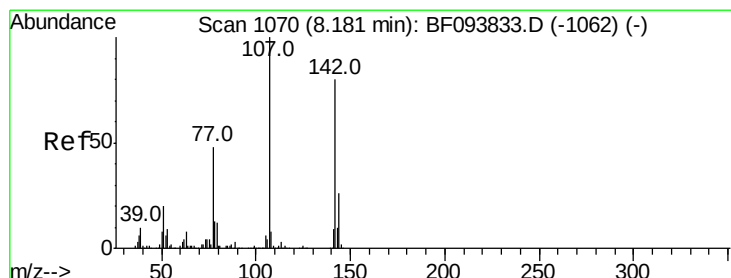
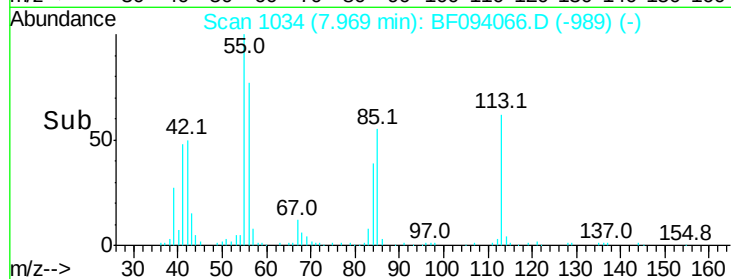
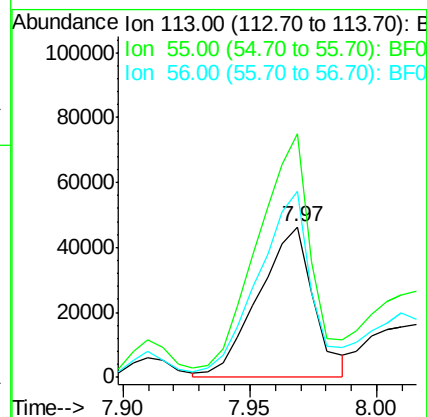
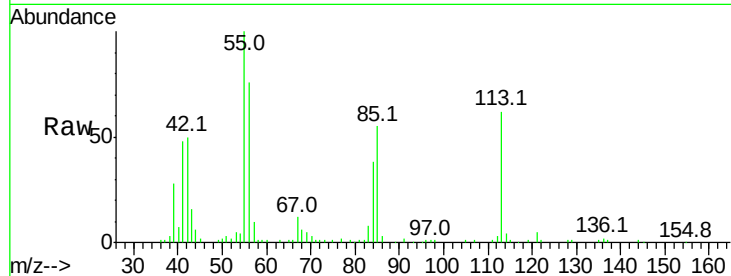




#35
 Caprolactam
 Concen: 22.11 ng
 RT: 7.97 min Scan# 1034
 Delta R.T. -0.04 min
 Lab File: BF094066.D
 Acq: 30 Mar 2017 19:04

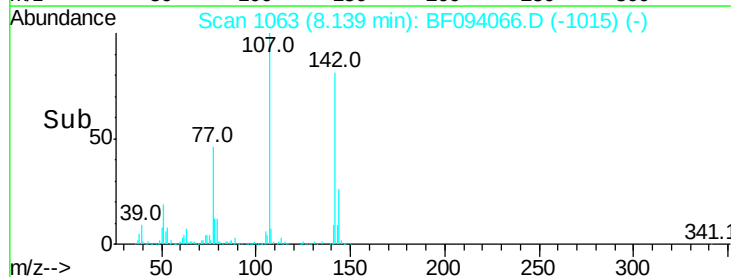
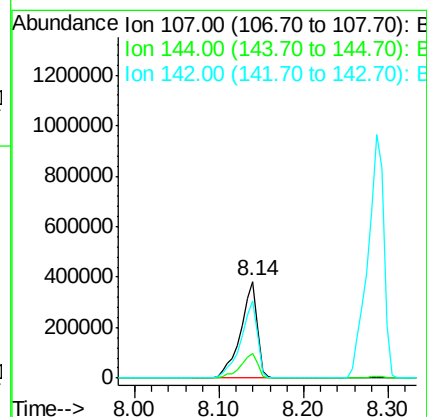
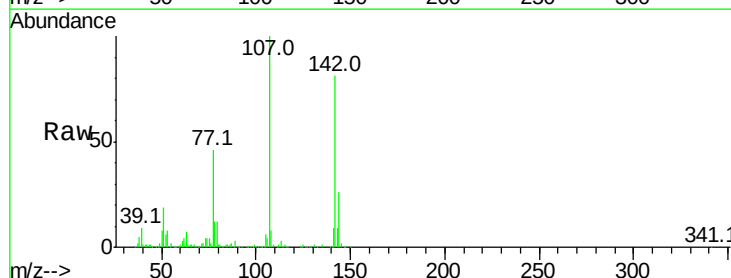
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

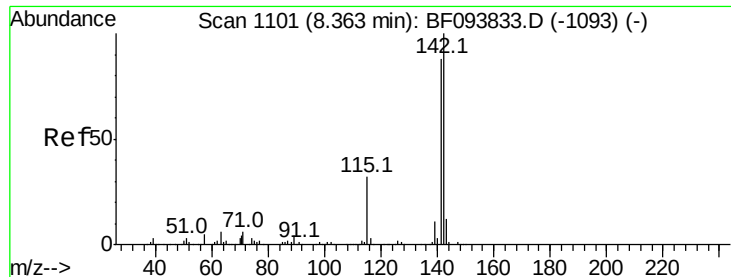
Tot Ion:113 Resp: 70740
 Ion Ratio Lower Upper
 113 100
 55 161.5 150.2 190.2
 56 123.5 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 48.70 ng
 RT: 8.14 min Scan# 1063
 Delta R.T. -0.02 min
 Lab File: BF094066.D
 Acq: 30 Mar 2017 19:04

Tgt Ion:107 Resp: 510535
 Ion Ratio Lower Upper
 107 100
 144 25.7 24.2 36.4
 142 80.6 73.4 110.0





#37

2-Methylnaphthalene

Concen: 51.70 ng

RT: 8.29 min Scan# 1088

Delta R.T. -0.04 min

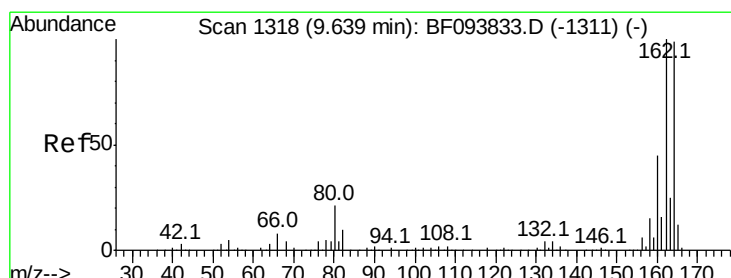
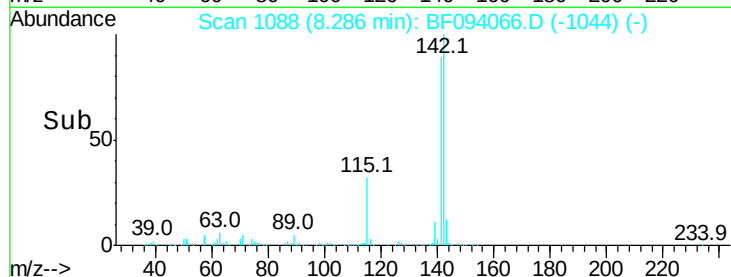
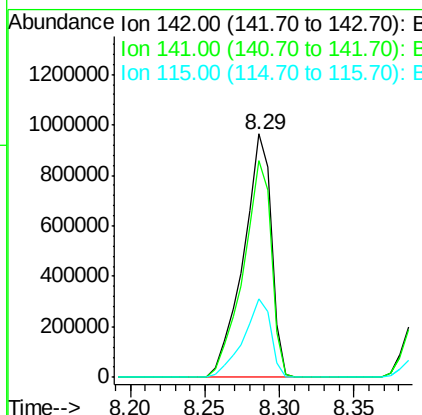
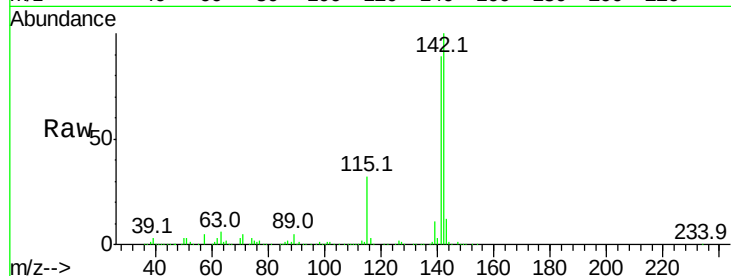
Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Tot Ion:142 Resp: 1252291

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.3	106.9
115	32.5	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 1305

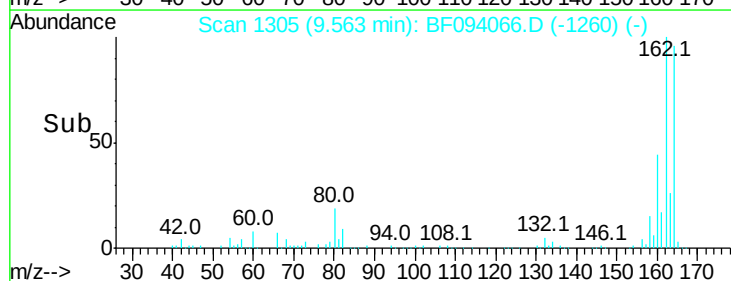
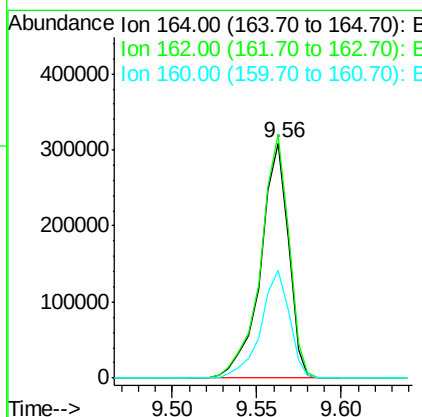
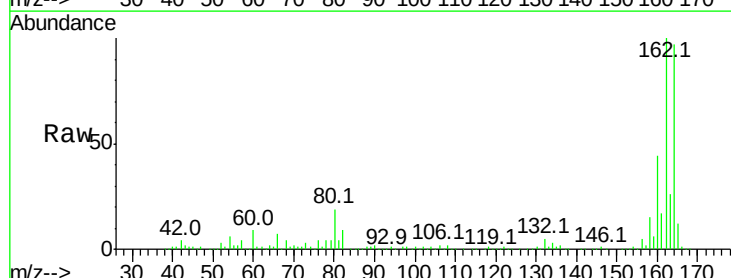
Delta R.T. -0.04 min

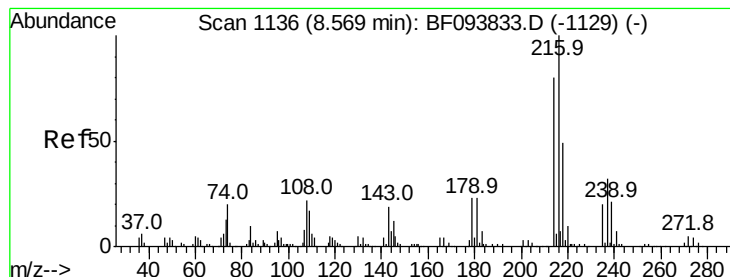
Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

Tgt Ion:164 Resp: 353948

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	45.8	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.27 ng

RT: 8.49 min Scan# 1123

Delta R.T. -0.04 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

Tot Ion:216 Resp: 418984

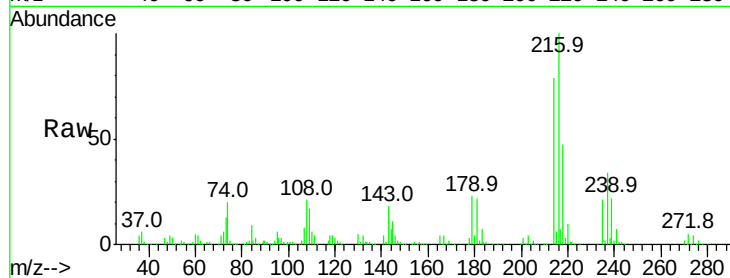
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.2

179 22.5 17.9 26.9

108 22.3 16.5 24.7

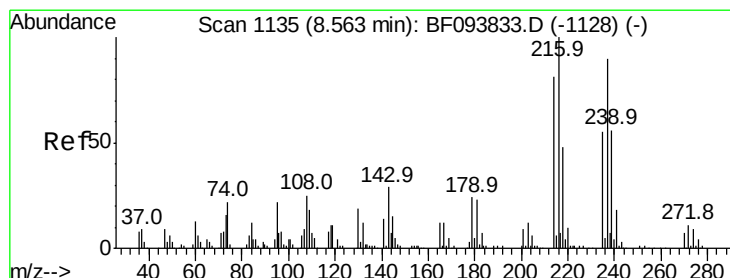
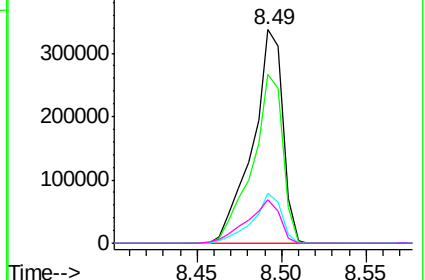
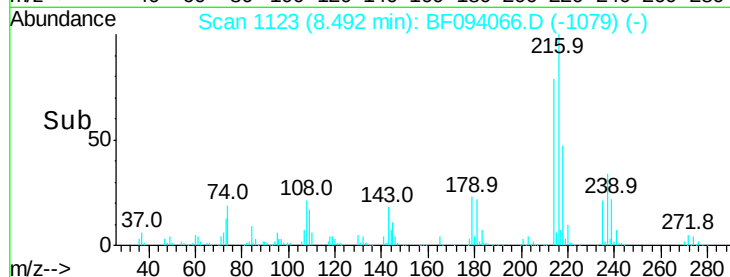


Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.10 ng

RT: 8.49 min Scan# 1122

Delta R.T. -0.04 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

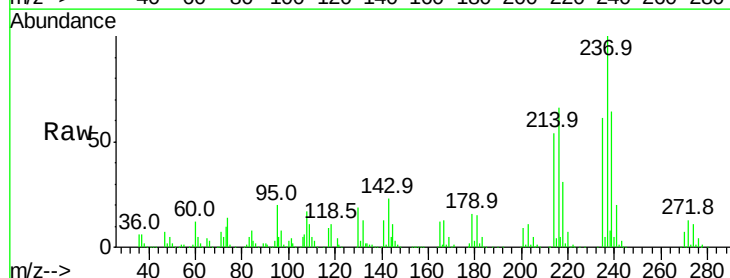
Tgt Ion:237 Resp: 399177

Ion Ratio Lower Upper

237 100

235 61.3 42.6 82.6

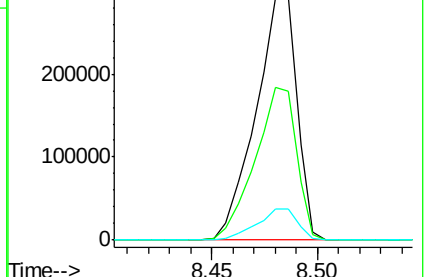
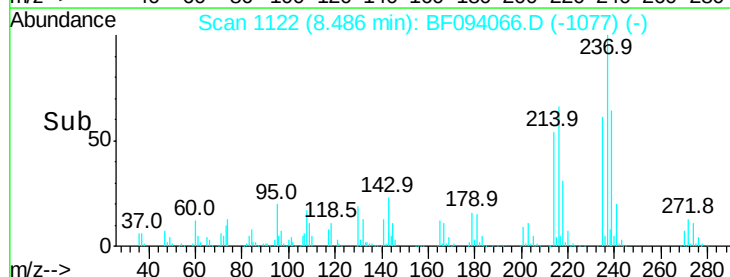
272 13.0 0.0 31.9

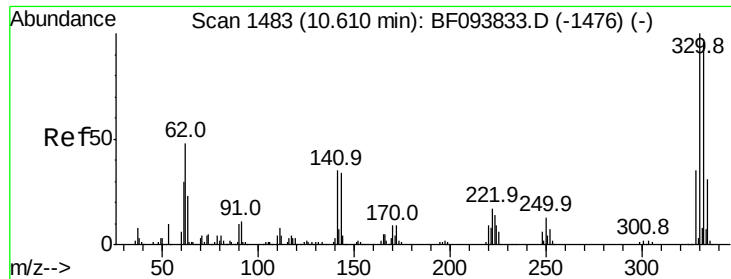


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

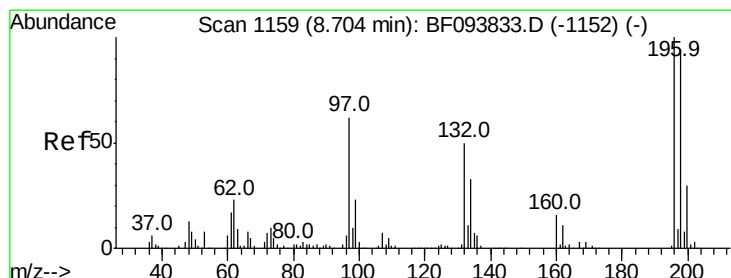
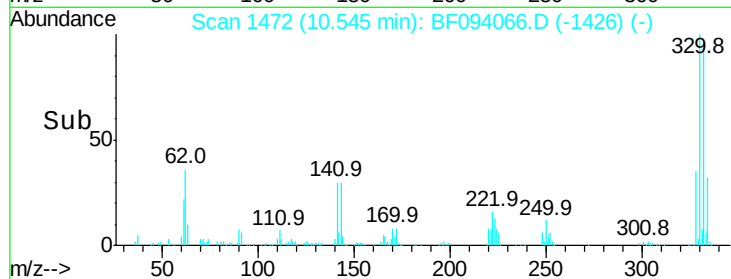
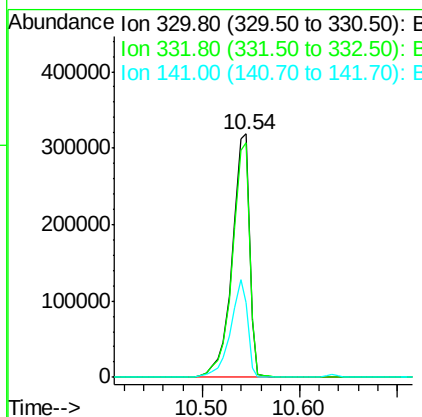
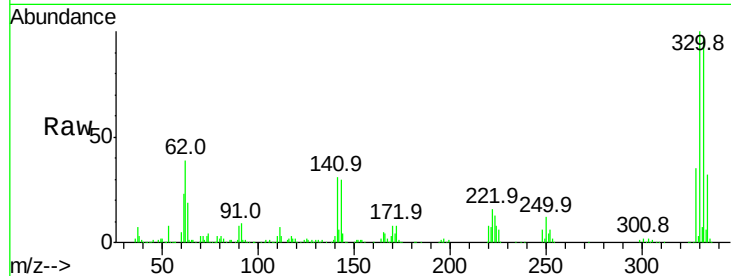




#41
 2,4,6-Tribromophenol
 Concen: 141.26 ng
 RT: 10.54 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BF094066.D
 Acq: 30 Mar 2017 19:04

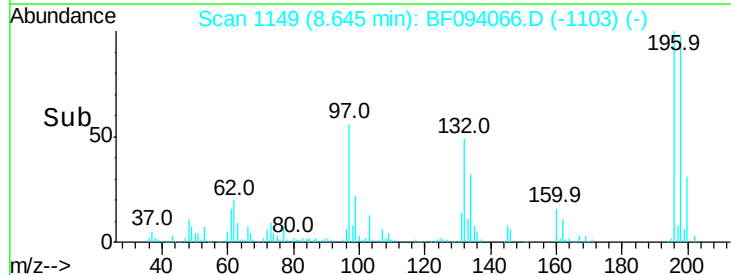
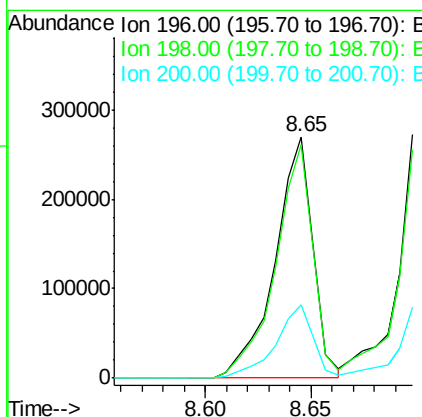
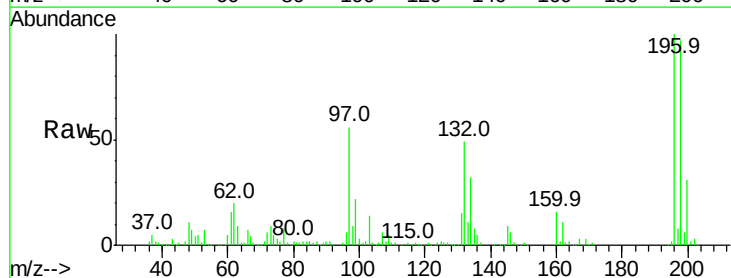
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

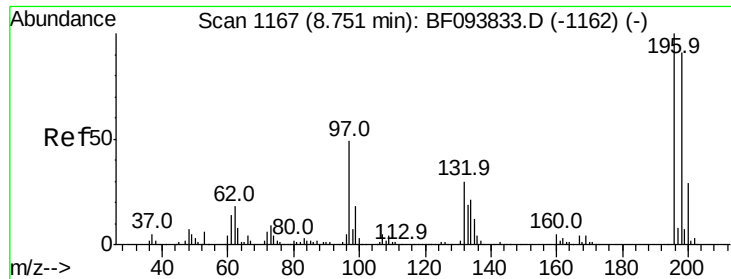
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	39.0	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 49.31 ng
 RT: 8.65 min Scan# 1149
 Delta R.T. -0.03 min
 Lab File: BF094066.D
 Acq: 30 Mar 2017 19:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	74.2	111.4
200	30.6	24.0	36.0

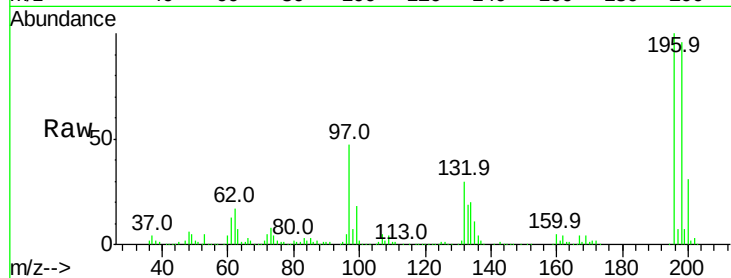




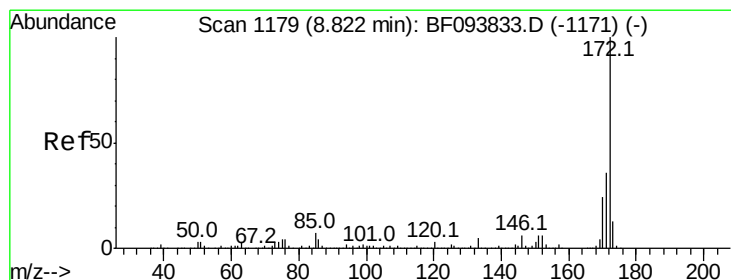
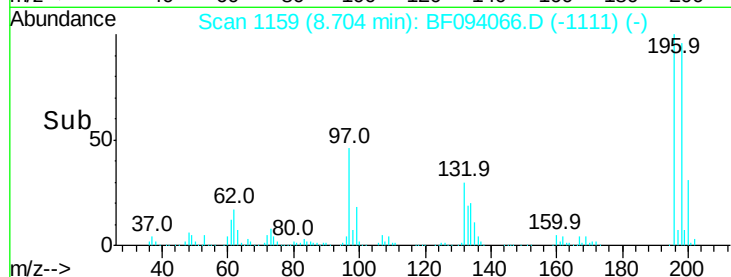
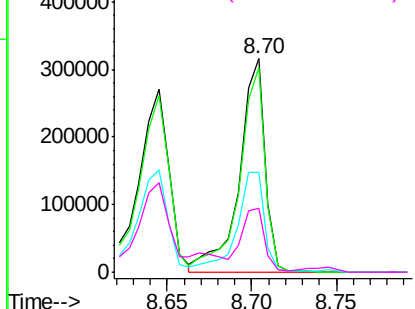
#43
 2,4,5-Trichlorophenol
 Concen: 45.31 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. -0.02 min
 Lab File: BF094066.D
 Acq: 30 Mar 2017 19:04

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Tot Ion:196 Resp: 335873
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.7 113.5
 97 46.5 47.7 71.5#
 132 29.8 28.0 42.0

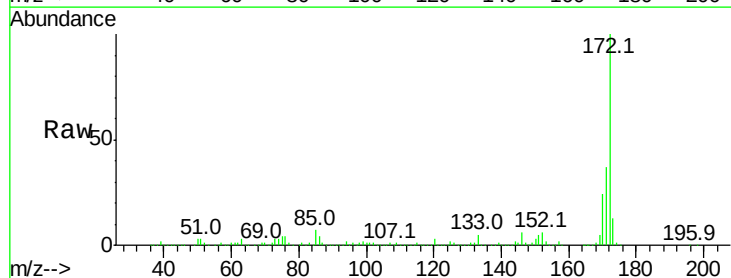


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

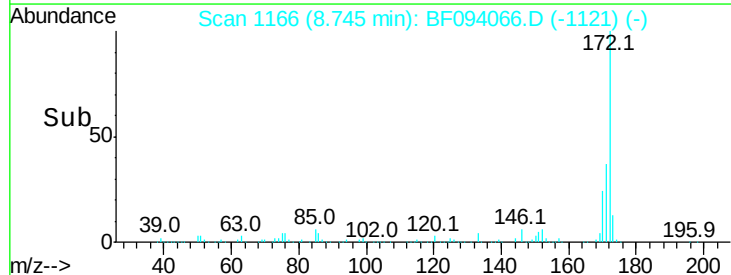
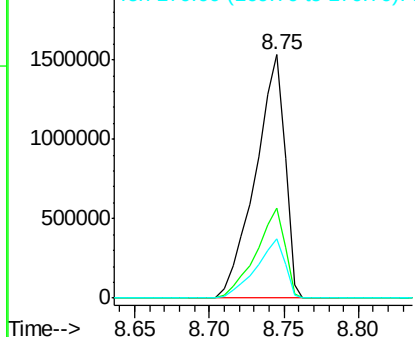


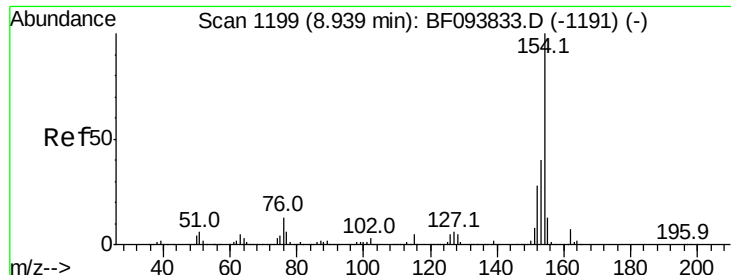
#44
 2-Fluorobiphenyl
 Concen: 90.15 ng
 RT: 8.75 min Scan# 1166
 Delta R.T. -0.04 min
 Lab File: BF094066.D
 Acq: 30 Mar 2017 19:04

Tgt Ion:172 Resp: 2091925
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.1 19.8 29.8



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

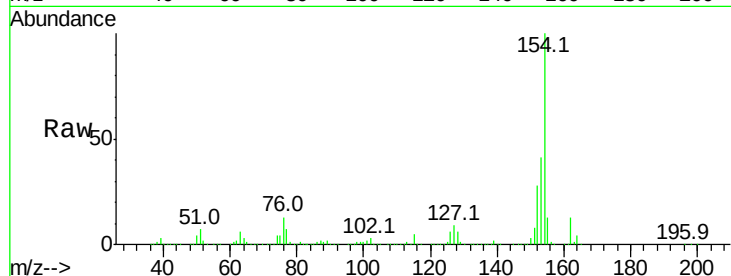




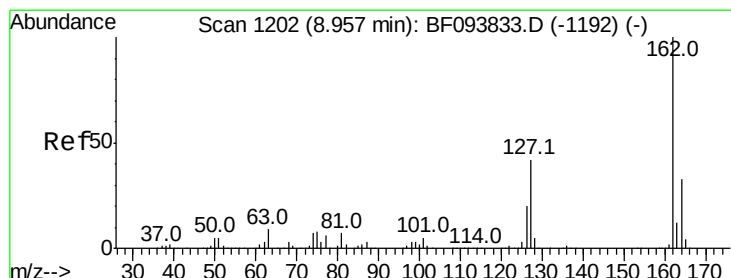
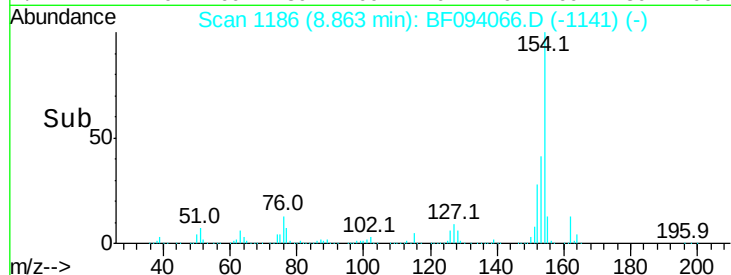
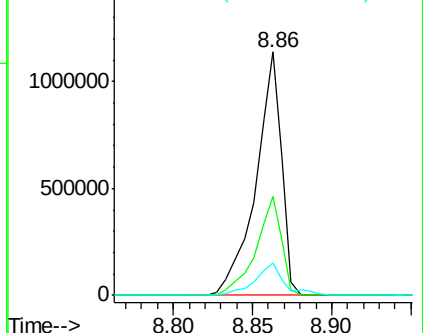
#45
1,1'-Biphenyl
Concen: 44.86 ng
RT: 8.86 min Scan# 1186
Delta R.T. -0.04 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Tot Ion:154 Resp: 1280836
Ion Ratio Lower Upper
154 100
153 40.6 21.2 61.2
76 13.1 0.0 29.9

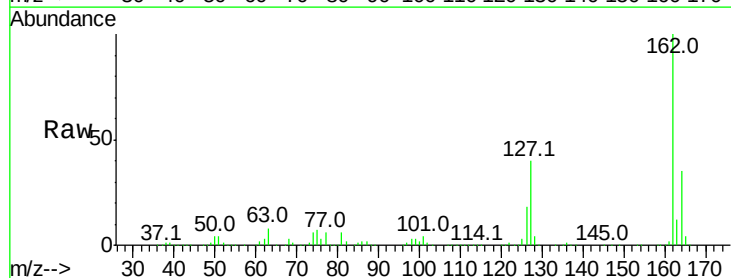


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): E

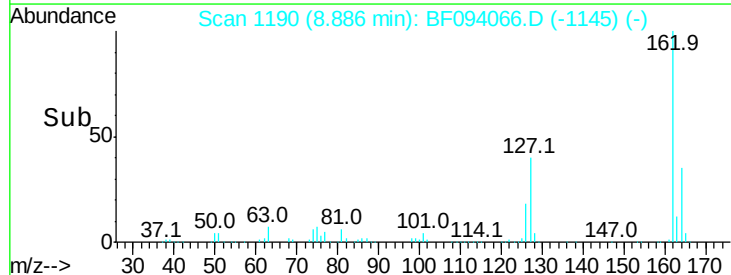
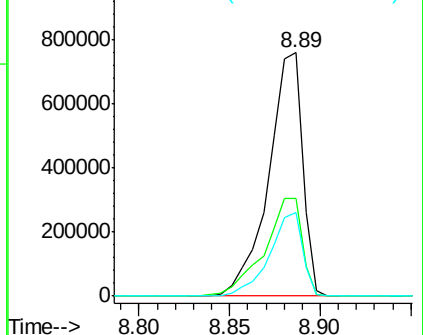


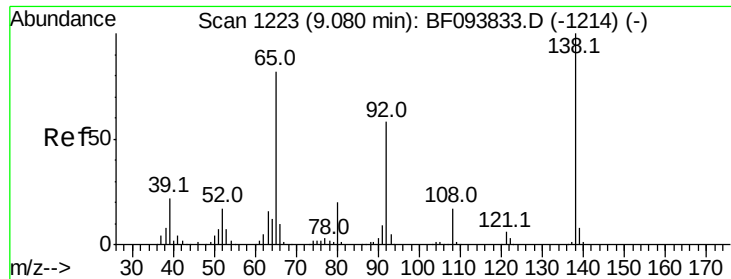
#46
2-Chloronaphthalene
Concen: 44.43 ng
RT: 8.89 min Scan# 1190
Delta R.T. -0.04 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

Tgt Ion:162 Resp: 992819
Ion Ratio Lower Upper
162 100
127 39.9 28.3 42.5
164 34.6 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

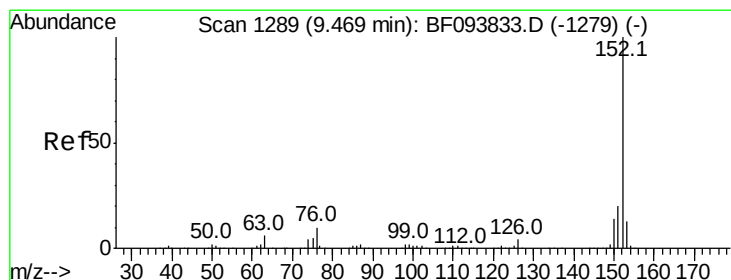
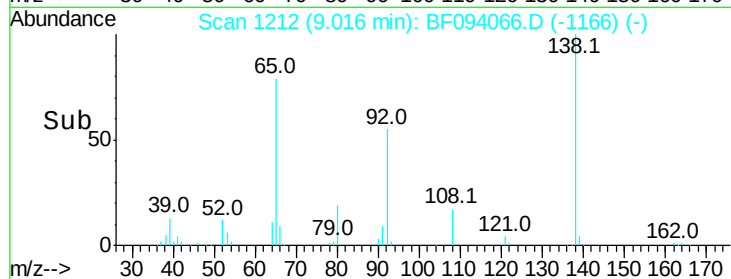
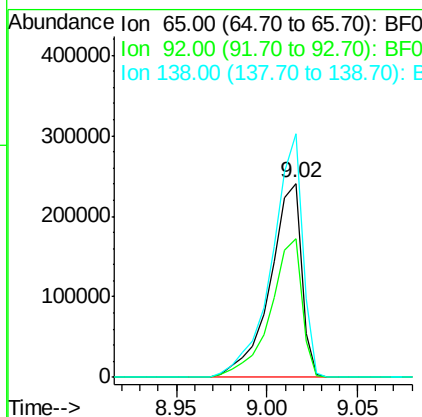
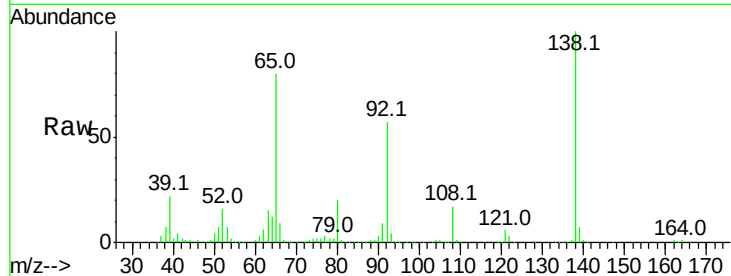




#47
2-Nitroaniline
Concen: 44.05 ng
RT: 9.02 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

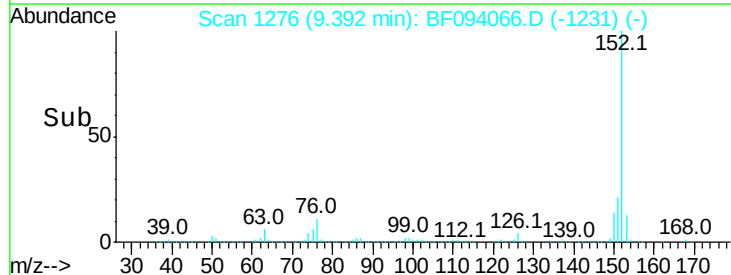
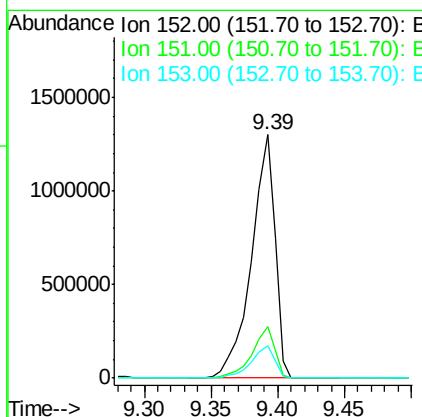
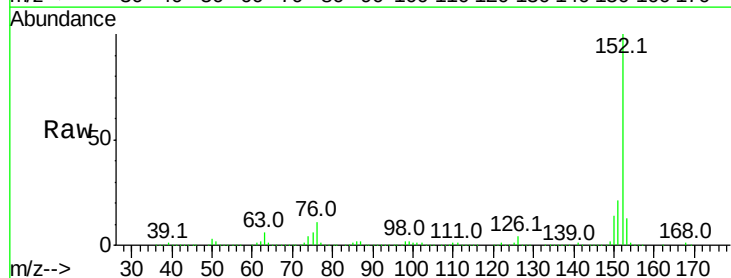
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

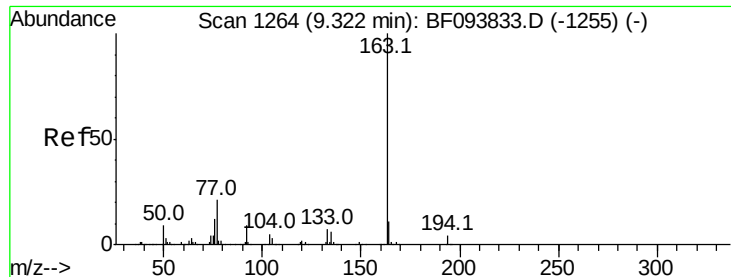
Tot Ion: 65 Resp: 292041
Ion Ratio Lower Upper
65 100
92 71.4 53.9 80.9
138 125.6 78.8 118.2#



#48
Acenaphthylene
Concen: 42.24 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

Tgt Ion:152 Resp: 1568933
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2
153 13.2 10.8 16.2

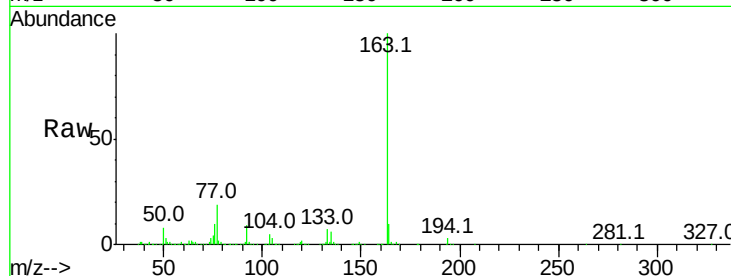




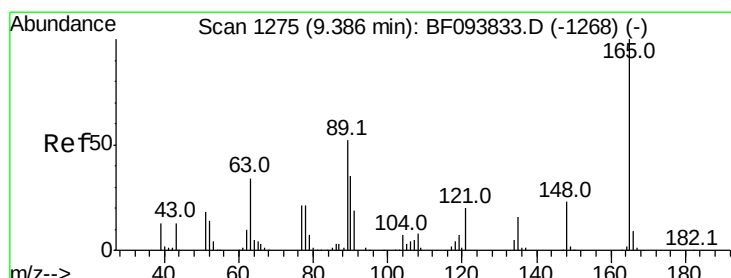
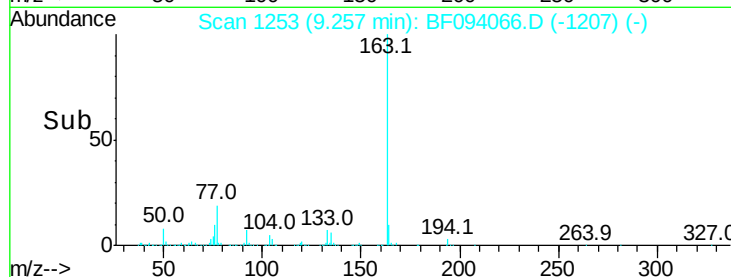
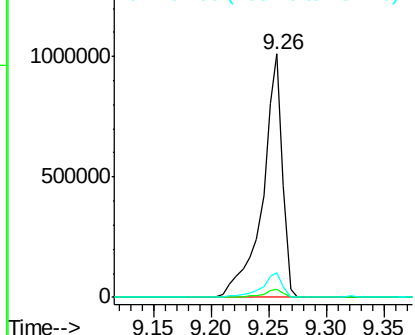
#49
Dimethylphthalate
Concen: 47.95 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Tot Ion:163 Resp: 1206332
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.2 8.4 12.6

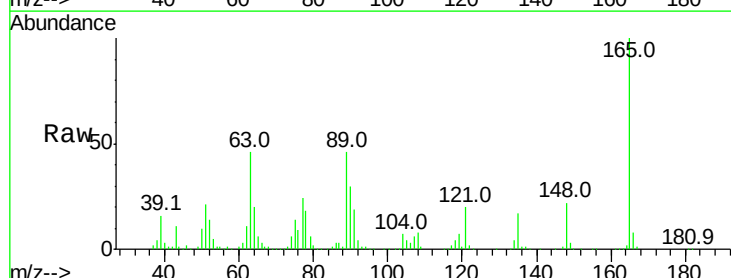


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

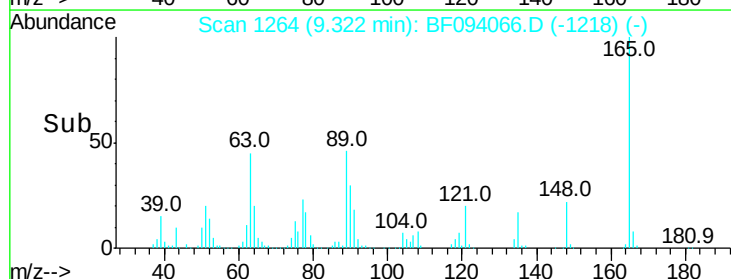
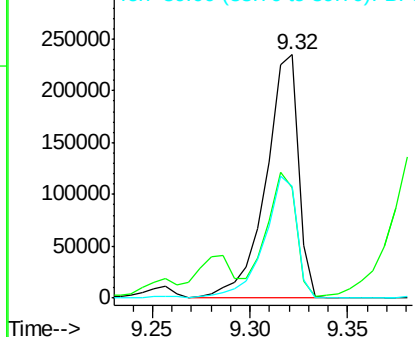


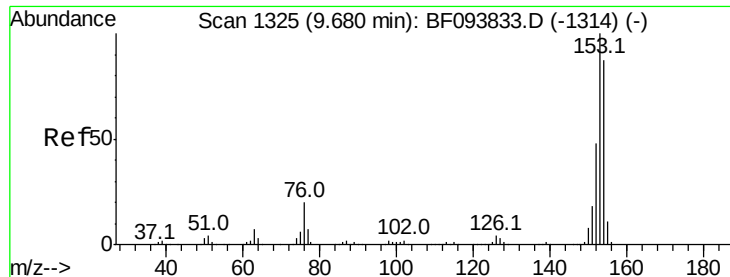
#50
2,6-Dinitrotoluene
Concen: 47.28 ng
RT: 9.32 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

Tgt Ion:165 Resp: 272711
Ion Ratio Lower Upper
165 100
63 45.6 34.3 51.5
89 46.0 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: 44.37 ng

RT: 9.60 min Scan# 1312

Delta R.T. -0.04 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

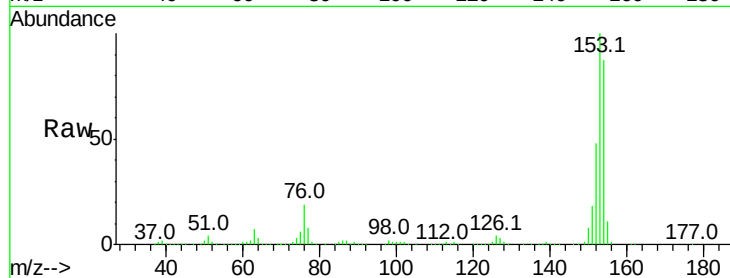
Tot Ion:154 Resp: 961670

Ion Ratio Lower Upper

154 100

153 114.7 90.5 135.7

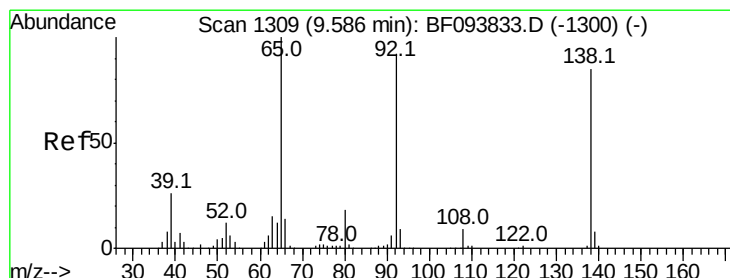
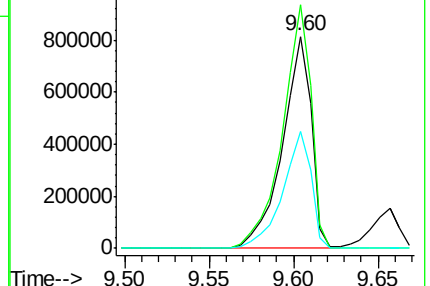
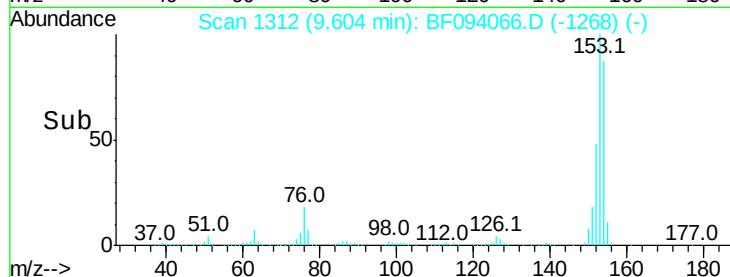
152 54.9 43.6 65.4



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: 11.03 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.04 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

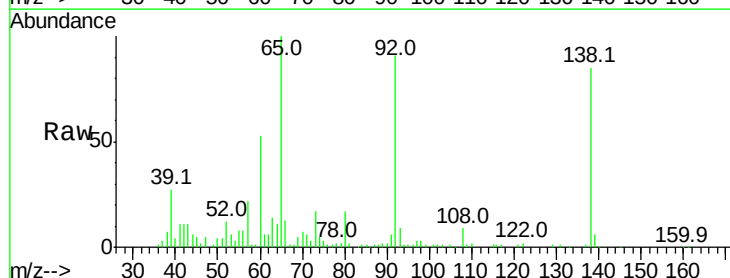
Tgt Ion:138 Resp: 74730

Ion Ratio Lower Upper

138 100

108 10.1 9.1 13.7

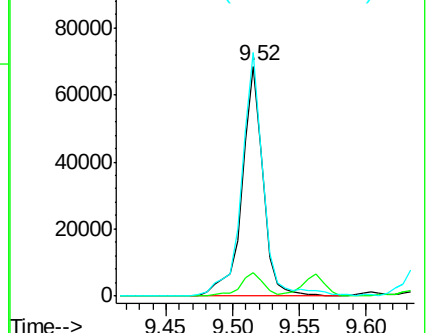
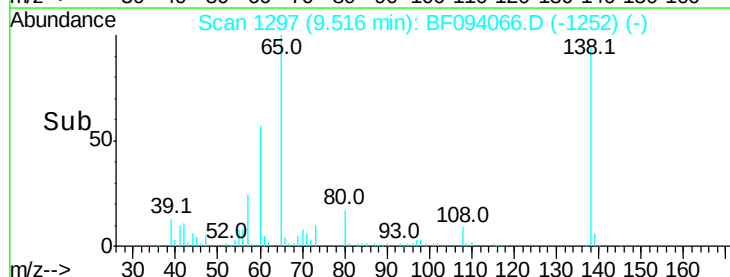
92 105.9 93.8 140.6

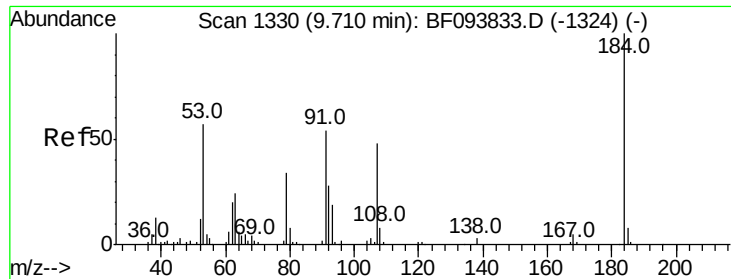


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

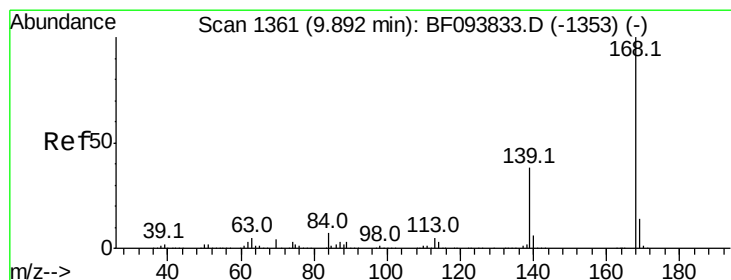
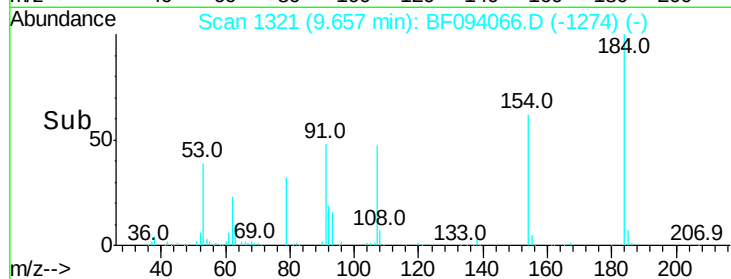
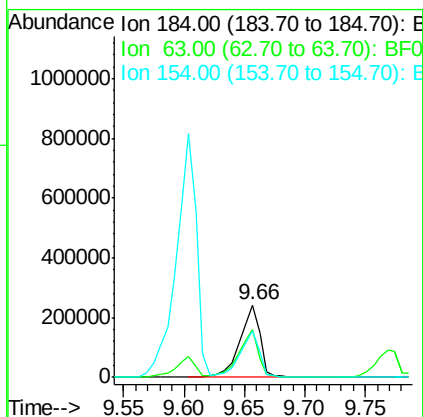
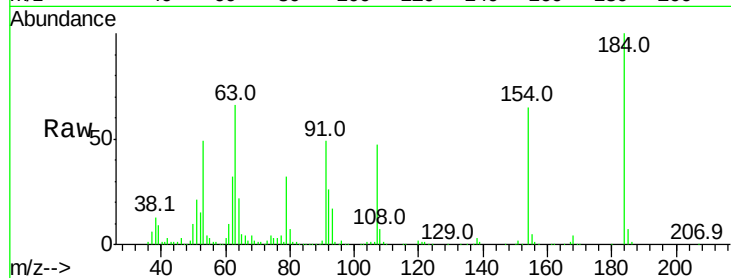




#53
 2,4-Dinitrophenol
 Concen: 92.40 ng
 RT: 9.66 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF094066.D
 Acq: 30 Mar 2017 19:04

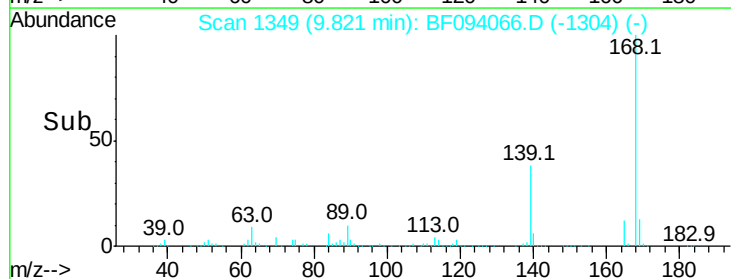
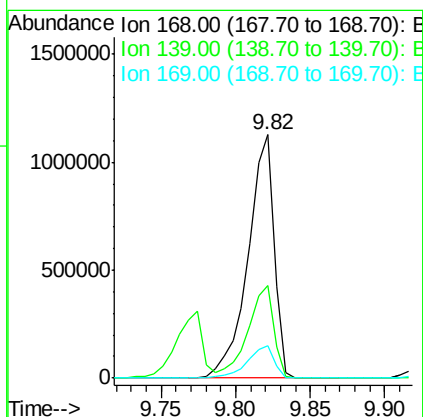
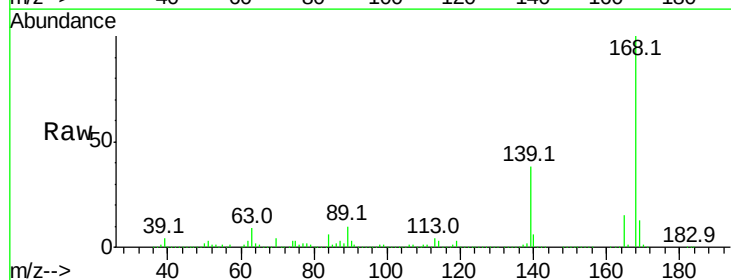
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

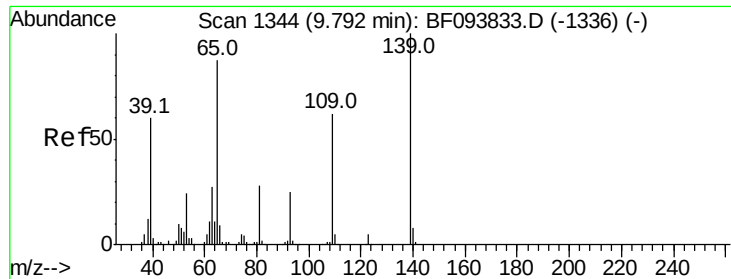
Tot Ion:184 Resp: 287565
 Ion Ratio Lower Upper
 184 100
 63 66.1 62.7 94.1
 154 64.5 81.1 121.7#



#54
 Dibenzofuran
 Concen: 46.16 ng
 RT: 9.82 min Scan# 1349
 Delta R.T. -0.04 min
 Lab File: BF094066.D
 Acq: 30 Mar 2017 19:04

Tgt Ion:168 Resp: 1361767
 Ion Ratio Lower Upper
 168 100
 139 38.3 30.6 45.8
 169 13.5 10.8 16.2





#55

4-Nitrophenol

Concen: 71.92 ng

RT: 9.77 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

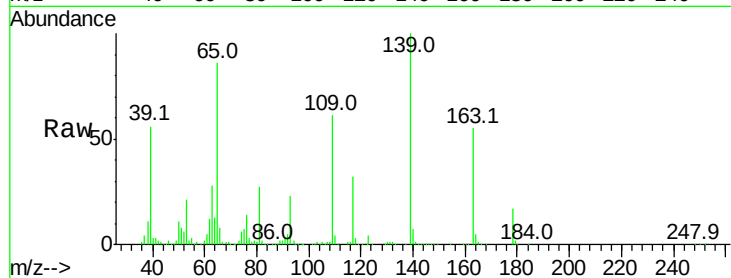
Tot Ion:139 Resp: 381466

Ion Ratio Lower Upper

139 100

109 61.3 34.1 74.1

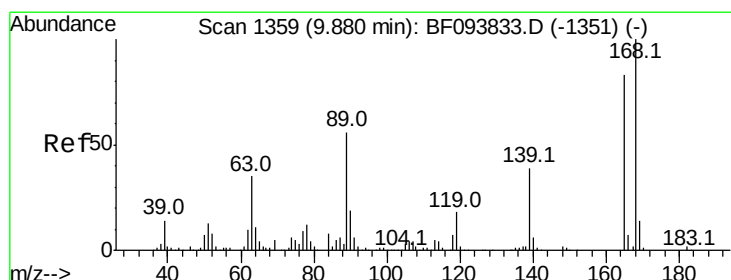
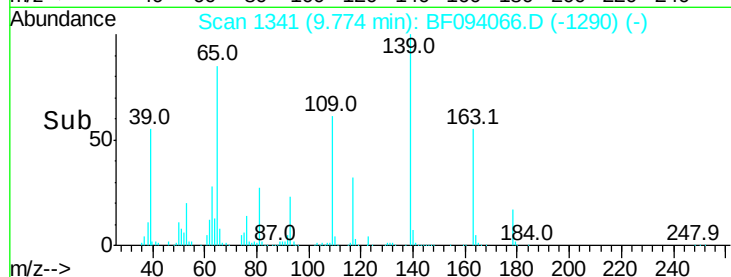
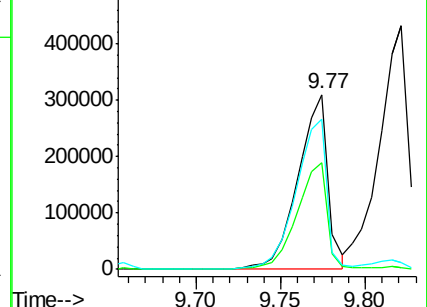
65 85.6 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.82 ng

RT: 9.82 min Scan# 1348

Delta R.T. -0.03 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

Tgt Ion:165 Resp: 324717

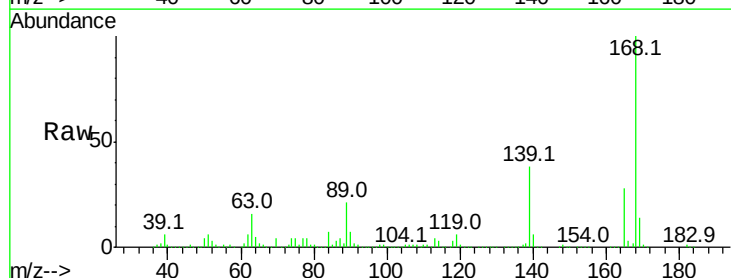
Ion Ratio Lower Upper

165 100

63 56.6 25.4 38.0#

89 74.2 46.4 69.6#

182 2.5 1.8 2.6

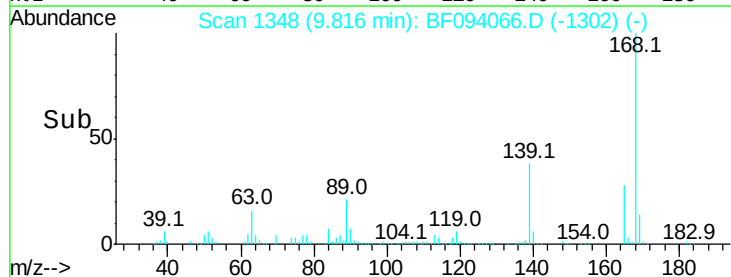
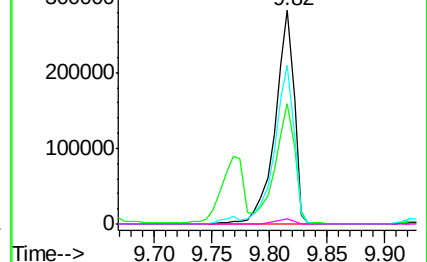


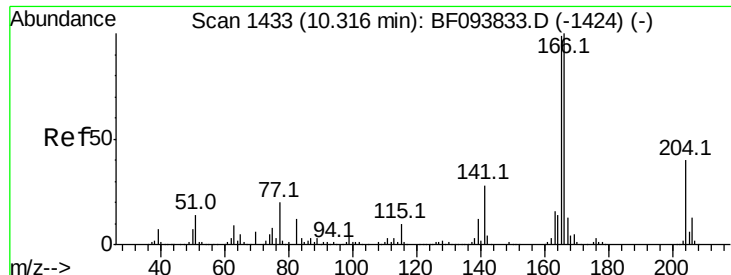
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

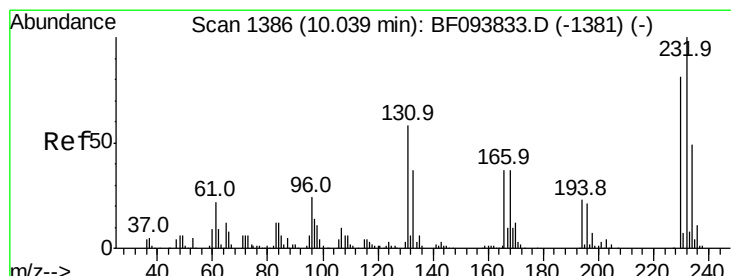
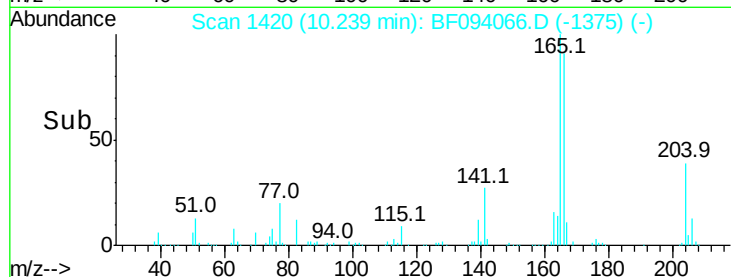
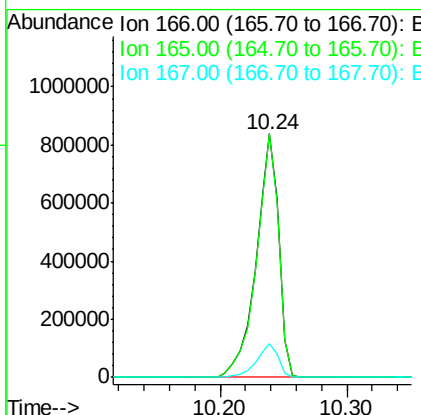
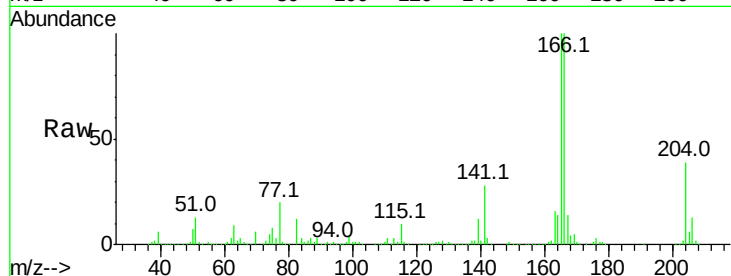




#57
 Fluorene
 Concen: 42.26 ng
 RT: 10.24 min Scan# 1420
 Delta R.T. -0.04 min
 Lab File: BF094066.D
 Acq: 30 Mar 2017 19:04

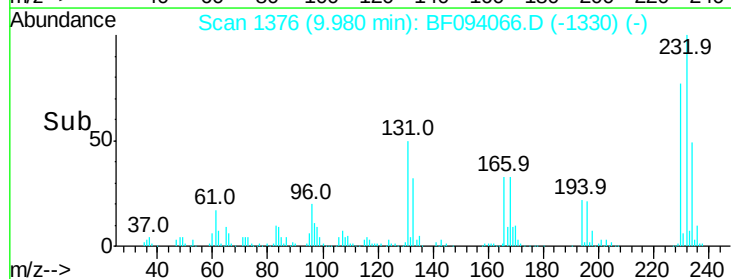
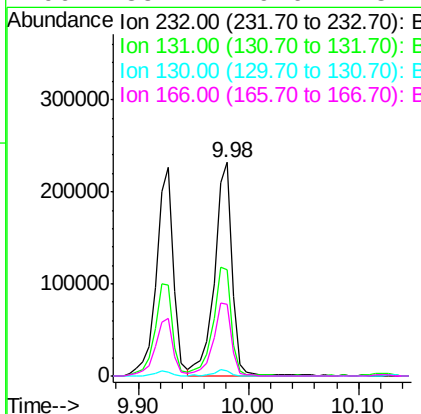
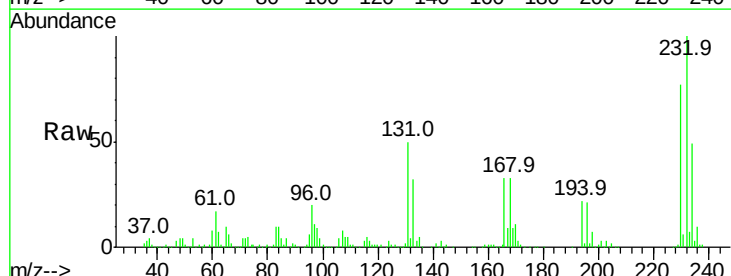
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

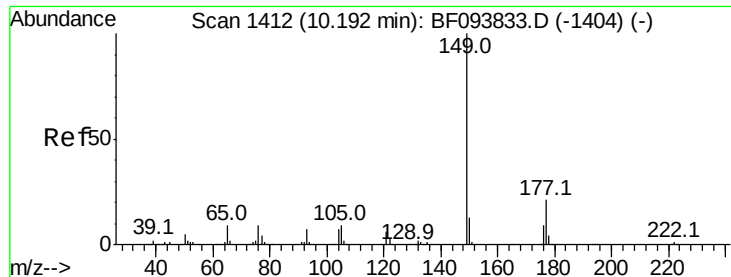
Tot Ion:166 Resp: 1033801
 Ion Ratio Lower Upper
 166 100
 165 99.9 78.8 118.2
 167 13.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.94 ng
 RT: 9.98 min Scan# 1376
 Delta R.T. -0.03 min
 Lab File: BF094066.D
 Acq: 30 Mar 2017 19:04

Tgt Ion:232 Resp: 253997
 Ion Ratio Lower Upper
 232 100
 131 52.5 44.8 67.2
 130 2.8 2.3 3.5
 166 35.1 29.0 43.4

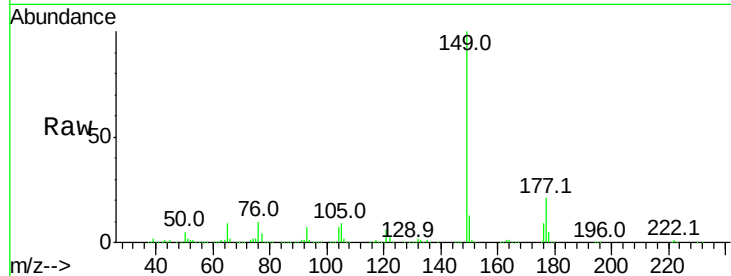




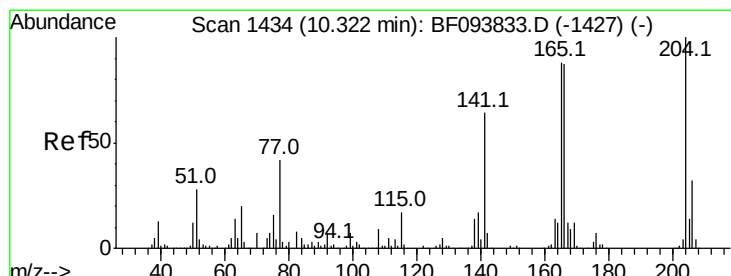
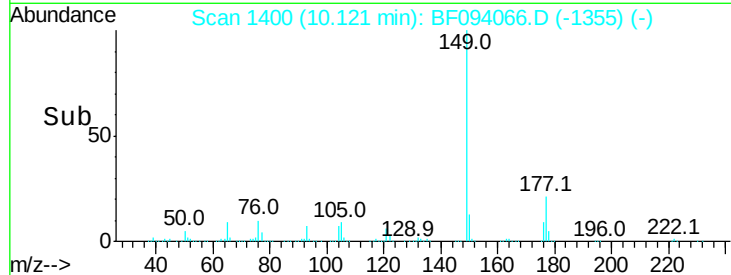
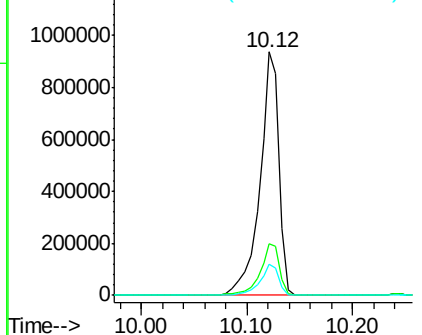
#59
Diethylphthalate
Concen: 47.34 ng
RT: 10.12 min Scan# 1400
Delta R.T. -0.04 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Tot Ion:149 Resp: 1177226
Ion Ratio Lower Upper
149 100
177 20.9 16.7 25.1
150 12.8 10.2 15.2

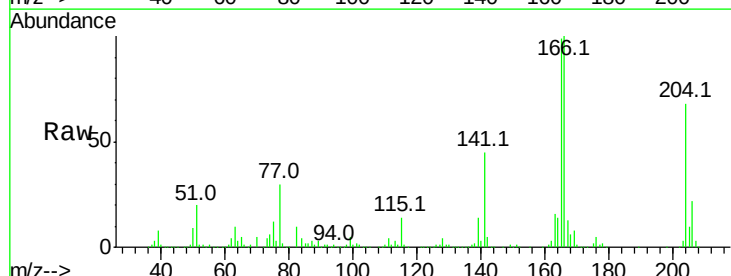


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

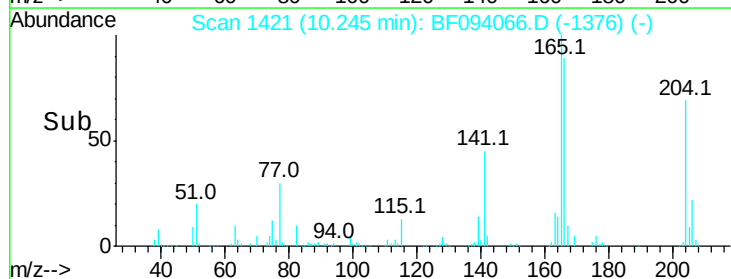
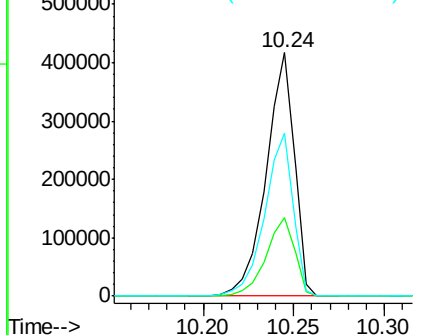


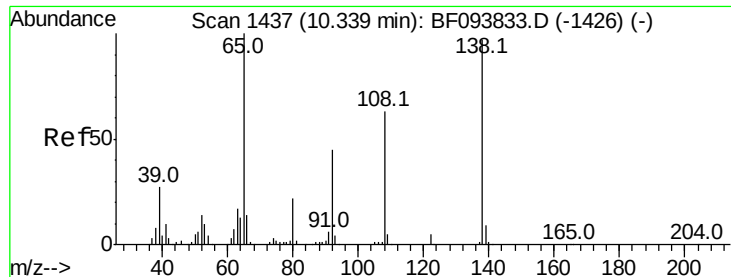
#60
4-Chlorophenyl-phenylether
Concen: 43.19 ng
RT: 10.24 min Scan# 1421
Delta R.T. -0.04 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

Tgt Ion:204 Resp: 450159
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 66.8 60.8 91.2



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

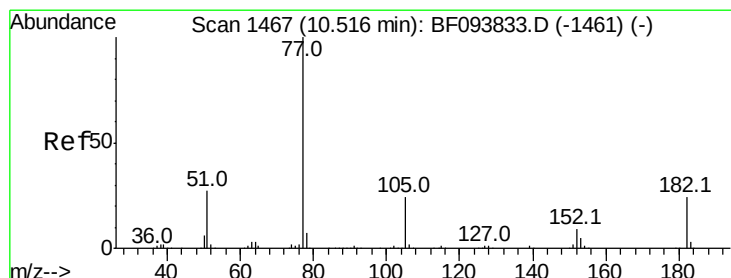
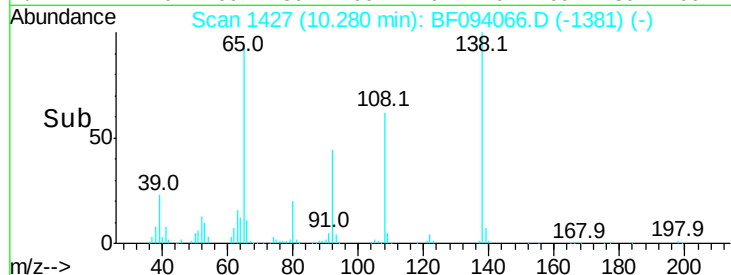
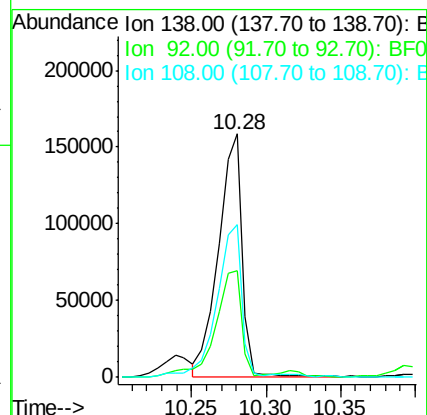
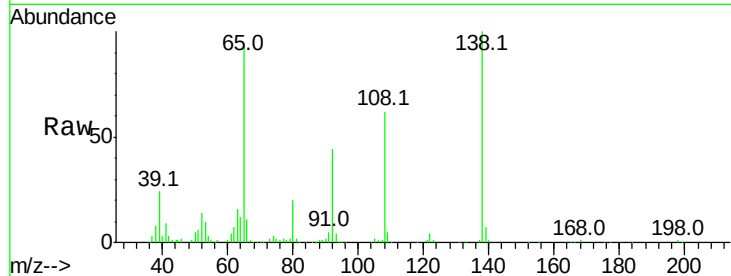




#61
4-Nitroaniline
Concen: 26.99 ng
RT: 10.28 min Scan# 1427
Delta R.T. -0.03 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

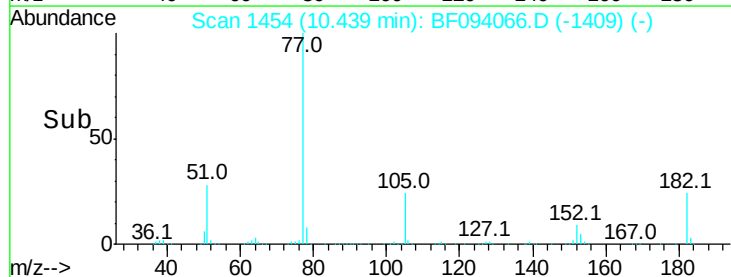
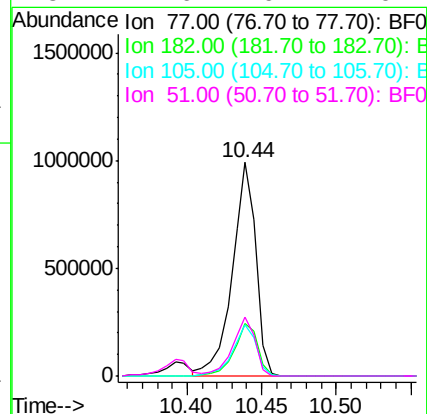
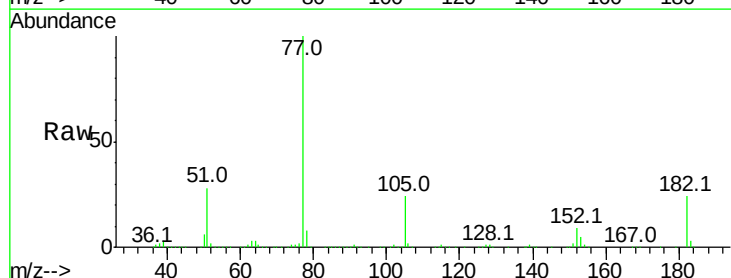
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

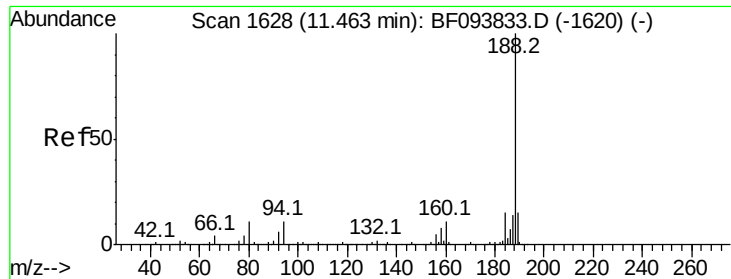
Tot Ion:138 Resp: 175404
Ion Ratio Lower Upper
138 100
92 43.6 21.8 61.8
108 62.5 42.3 82.3



#62
Azobenzene
Concen: 46.43 ng
RT: 10.44 min Scan# 1454
Delta R.T. -0.04 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

Tgt Ion: 77 Resp: 1092296
Ion Ratio Lower Upper
77 100
182 24.3 0.1 40.1
105 24.2 3.6 43.6
51 27.6 9.4 49.4

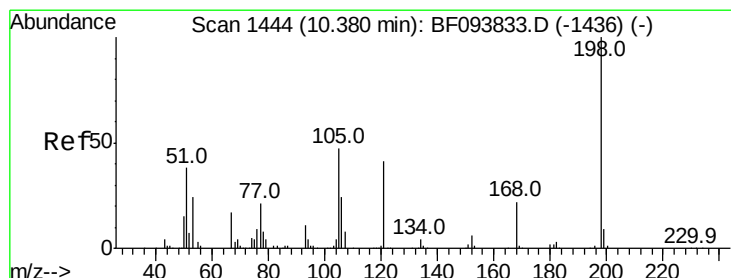
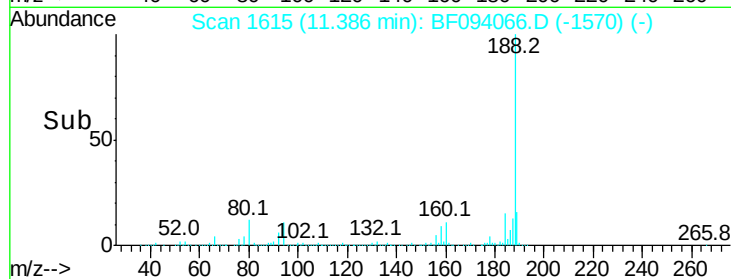
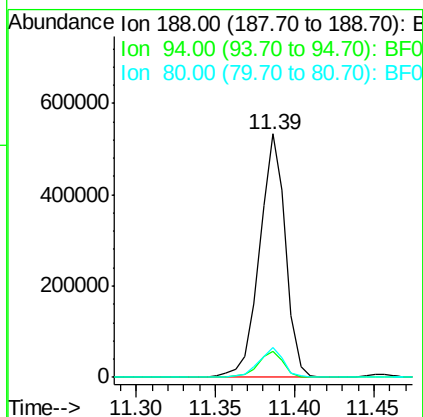
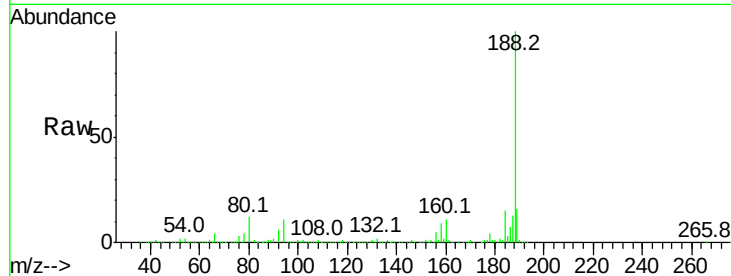




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1615
Delta R.T. -0.04 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

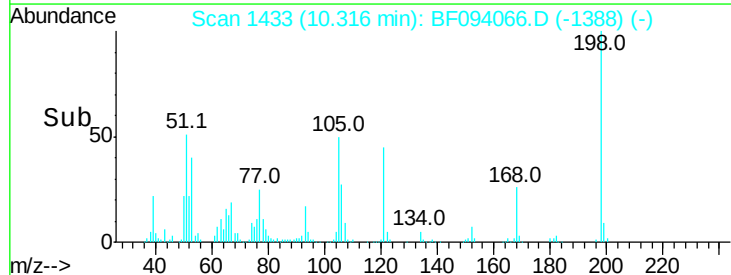
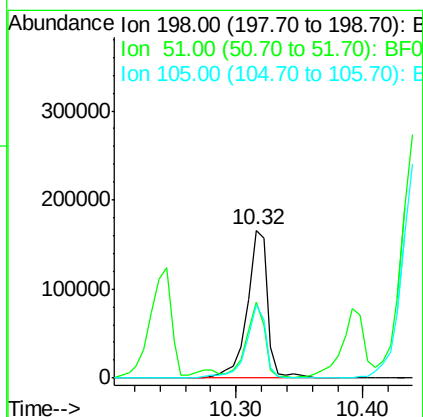
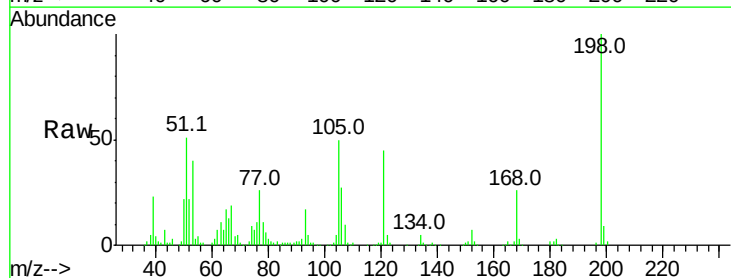
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

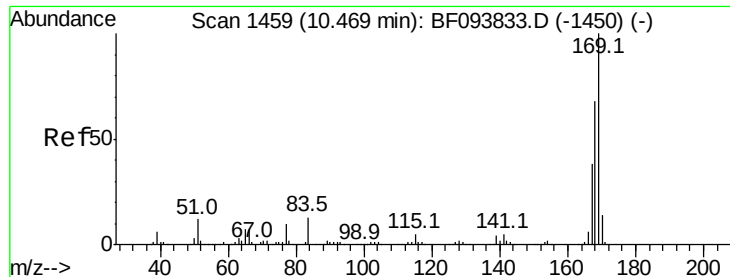
Tot Ion:188 Resp: 606516
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 12.4 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 50.63 ng
RT: 10.32 min Scan# 1433
Delta R.T. -0.04 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

Tgt Ion:198 Resp: 188065
Ion Ratio Lower Upper
198 100
51 51.1 53.2 93.2#
105 49.7 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 34.92 ng

RT: 10.40 min Scan# 1447

Delta R.T. -0.03 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

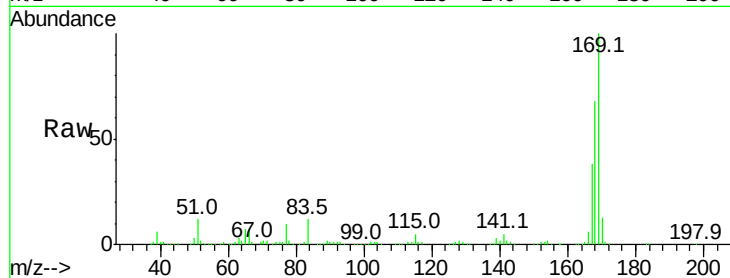
Tot Ion:169 Resp: 732382

Ion Ratio Lower Upper

169 100

168 67.9 53.2 79.8

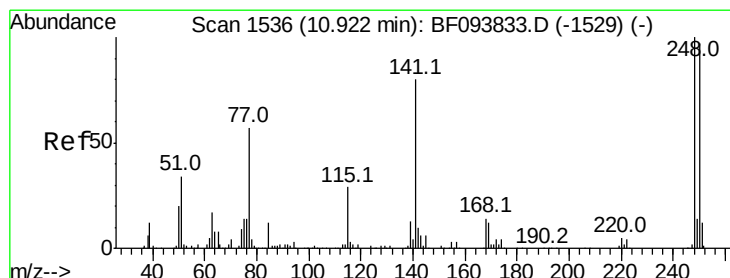
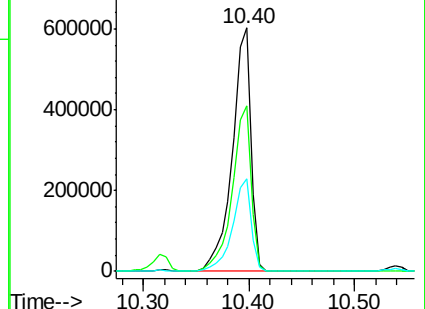
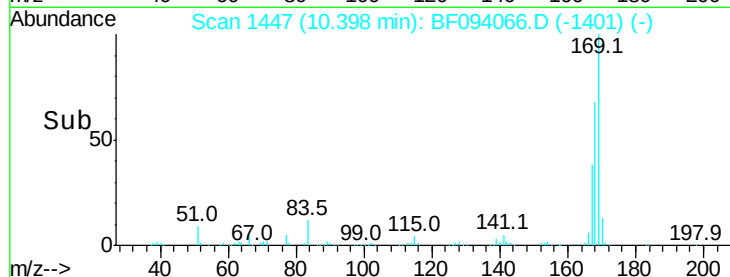
167 38.2 29.5 44.3



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: 48.38 ng

RT: 10.84 min Scan# 1523

Delta R.T. -0.04 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

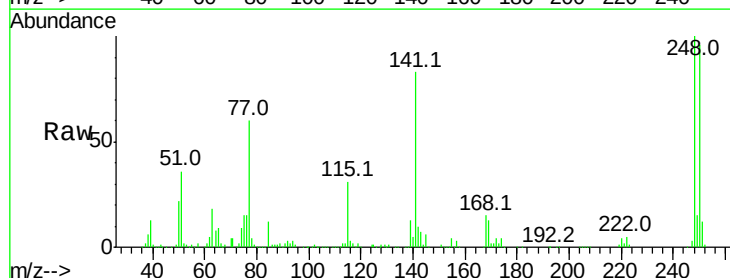
Tgt Ion:248 Resp: 288592

Ion Ratio Lower Upper

248 100

250 95.7 76.8 115.2

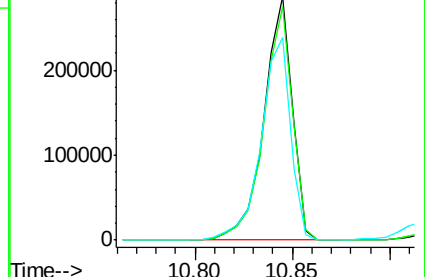
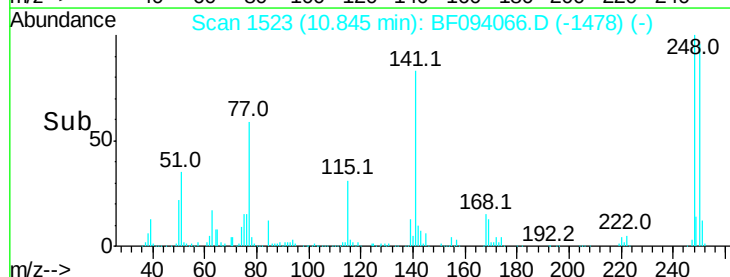
141 83.1 68.6 103.0

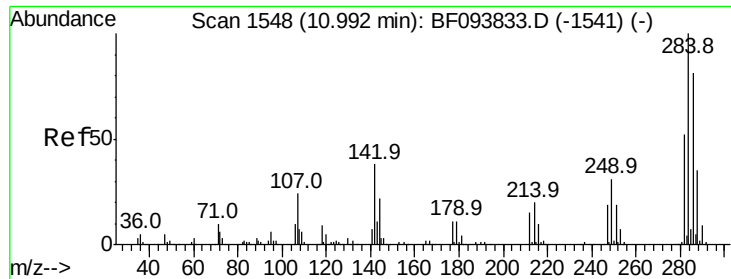


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

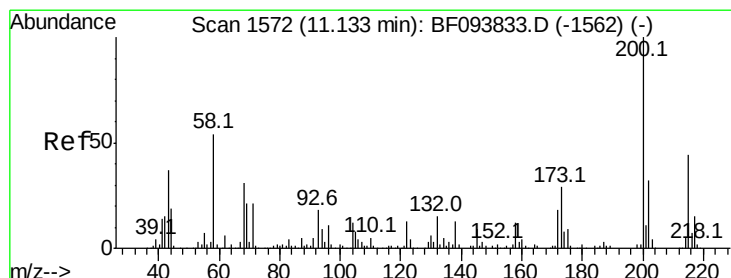
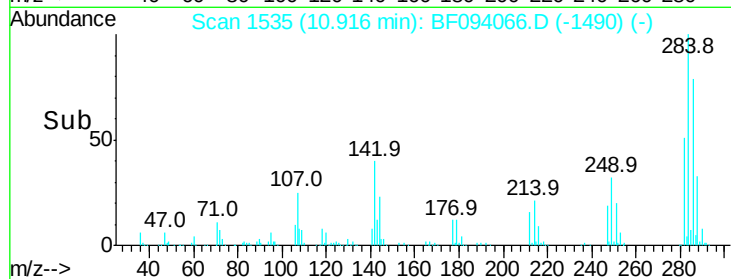
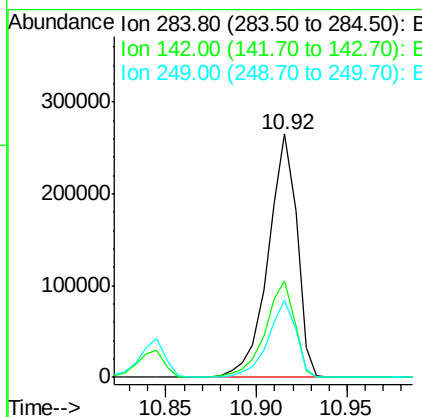
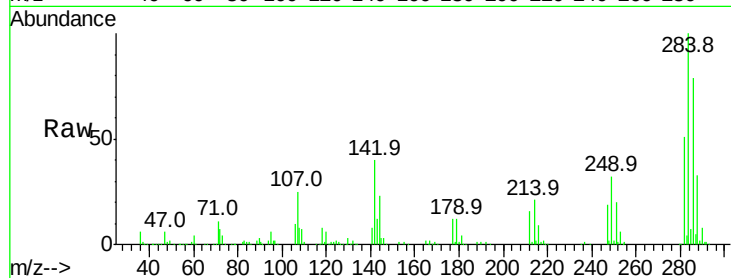




#67
Hexachlorobenzene
Concen: 48.45 ng
RT: 10.92 min Scan# 1535
Delta R.T. -0.04 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

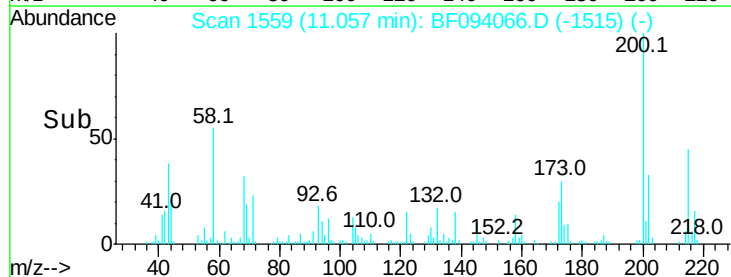
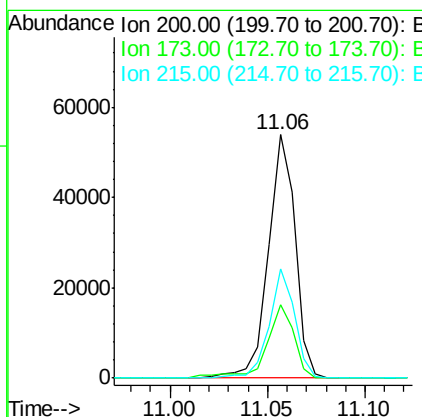
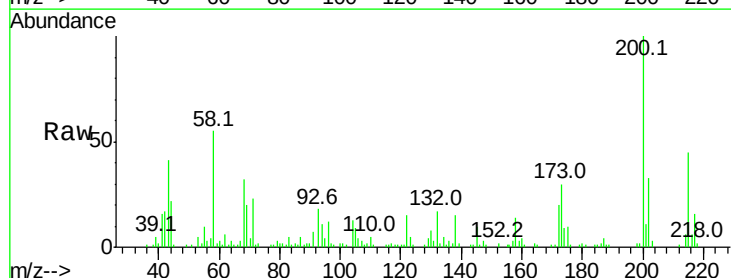
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

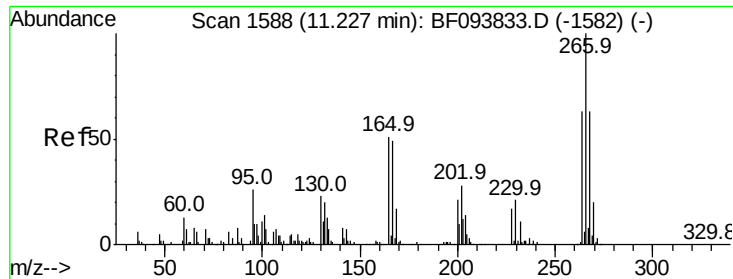
Tot Ion:284 Resp: 292540
Ion Ratio Lower Upper
284 100
142 39.6 22.8 34.2#
249 31.6 24.0 36.0



#68
Atrazine
Concen: 8.17 ng
RT: 11.06 min Scan# 1559
Delta R.T. -0.04 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

Tgt Ion:200 Resp: 51341
Ion Ratio Lower Upper
200 100
173 30.3 6.3 46.3
215 45.1 27.2 67.2

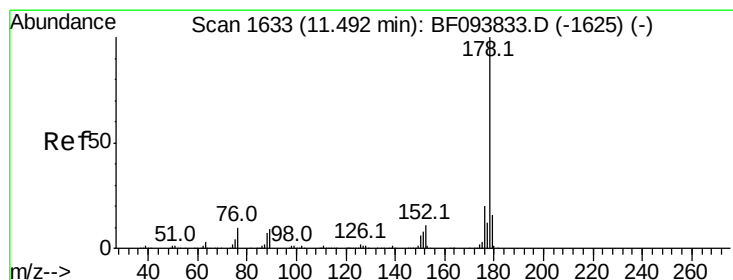
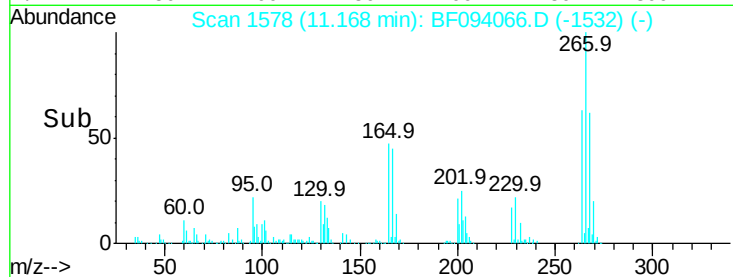
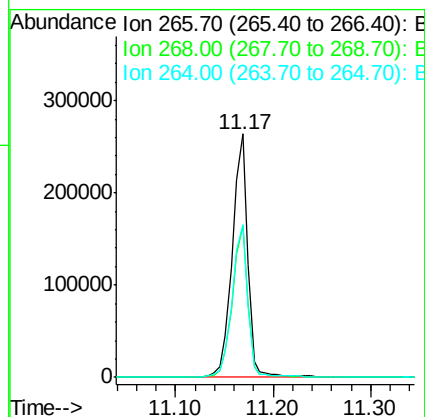
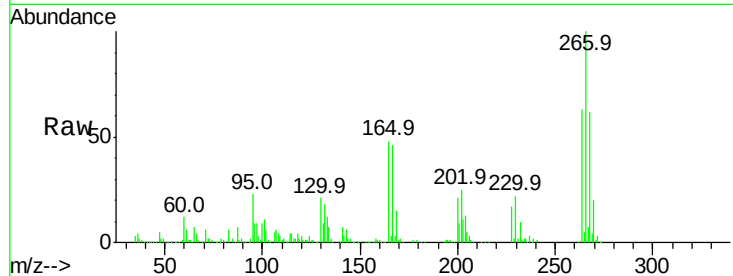




#69
 Pentachlorophenol
 Concen: 78.23 ng
 RT: 11.17 min Scan# 1578
 Delta R.T. -0.03 min
 Lab File: BF094066.D
 Acq: 30 Mar 2017 19:04

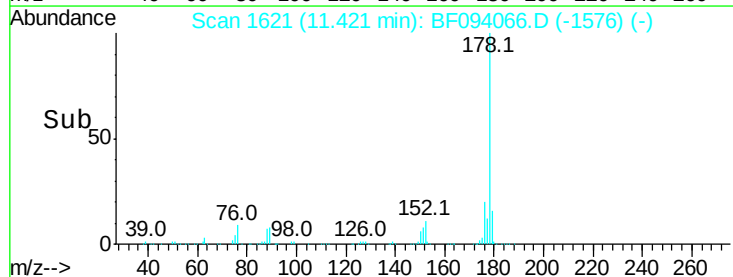
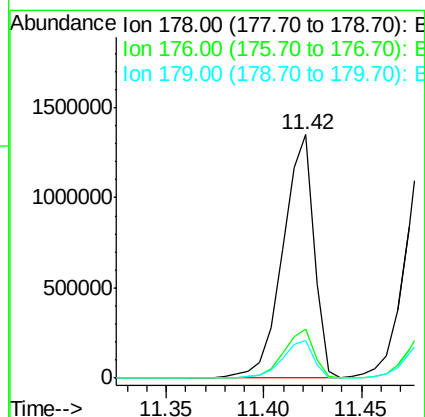
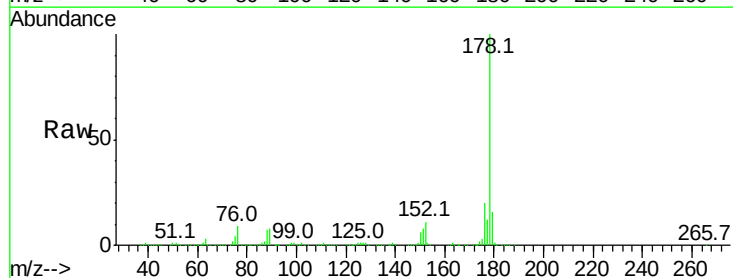
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

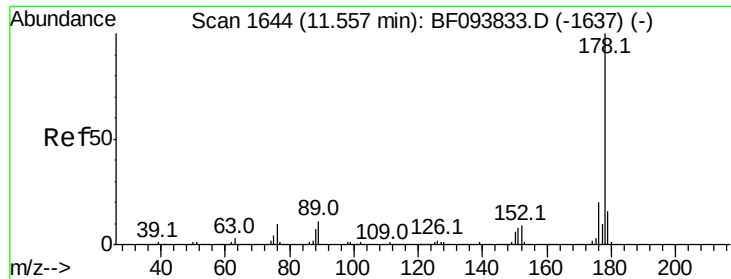
Tot Ion:	266	Resp:	294041
Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.1	76.7
264	62.9	51.7	77.5



#70
 Phenanthrene
 Concen: 44.39 ng
 RT: 11.42 min Scan# 1621
 Delta R.T. -0.04 min
 Lab File: BF094066.D
 Acq: 30 Mar 2017 19:04

Tgt Ion:	178	Resp:	1497667
Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.6	12.6	19.0

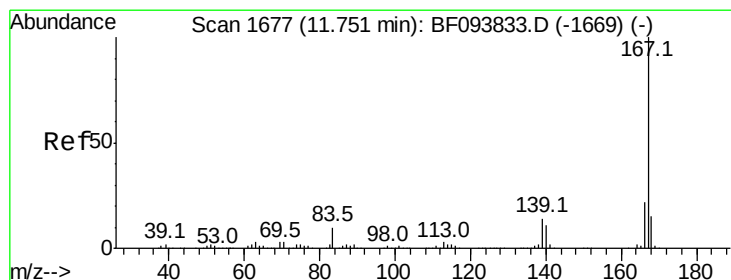
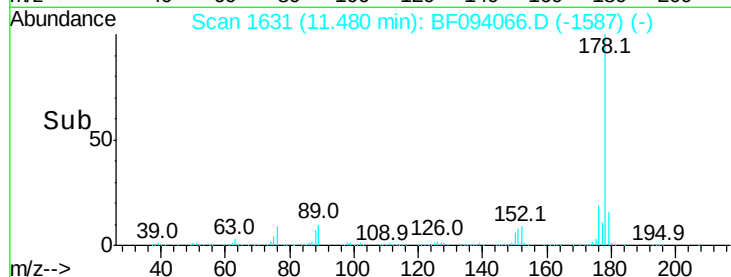
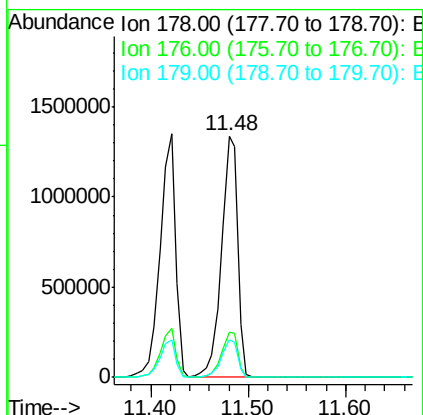
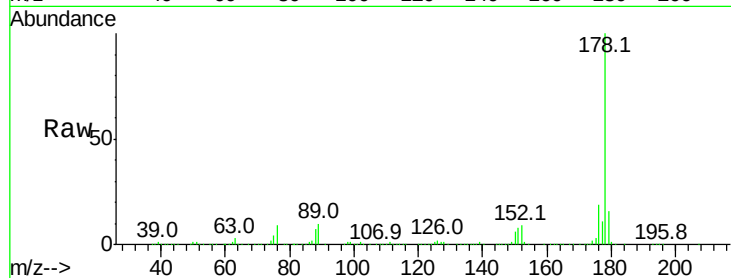




#71
 Anthracene
 Concen: 44.42 ng
 RT: 11.48 min Scan# 1631
 Delta R.T. -0.04 min
 Lab File: BF094066.D
 Acq: 30 Mar 2017 19:04

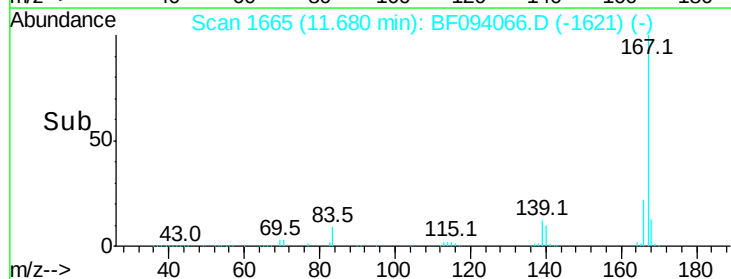
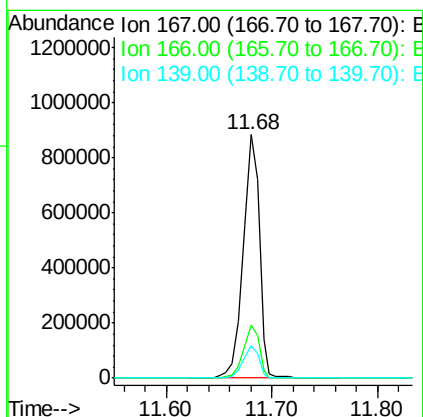
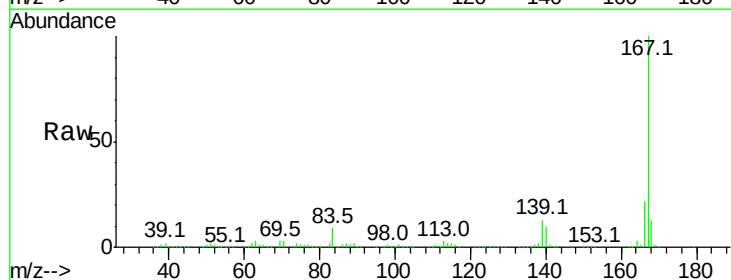
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

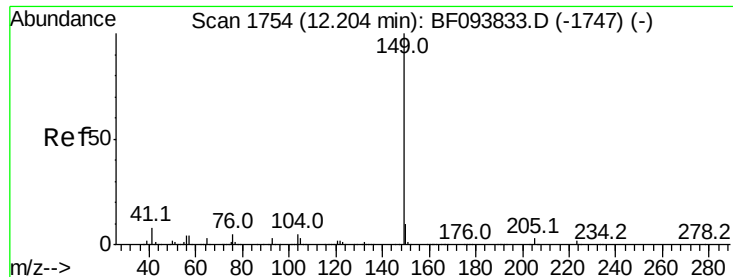
Tot Ion:178 Resp: 1543175
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 26.27 ng
 RT: 11.68 min Scan# 1665
 Delta R.T. -0.04 min
 Lab File: BF094066.D
 Acq: 30 Mar 2017 19:04

Tgt Ion:167 Resp: 935953
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.5 11.7 17.5





#73

Di-n-butylphthalate

Concen: 47.94 ng

RT: 12.13 min Scan# 1742

Delta R.T. -0.04 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

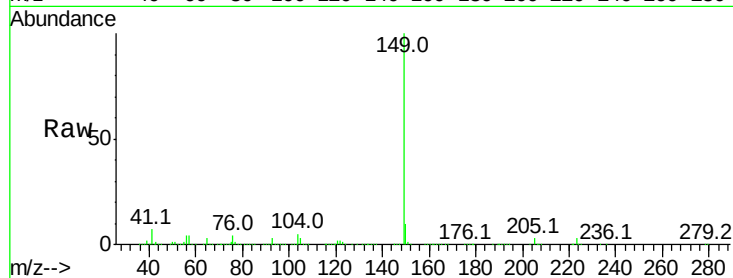
Tot Ion:149 Resp: 1775934

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

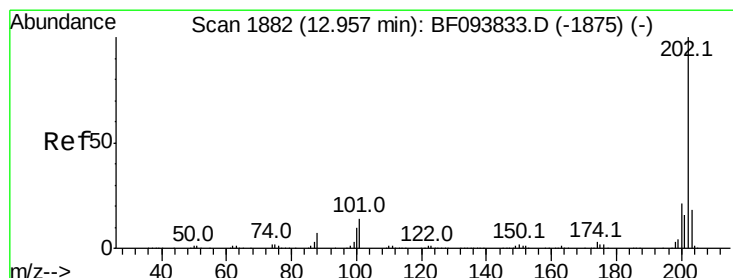
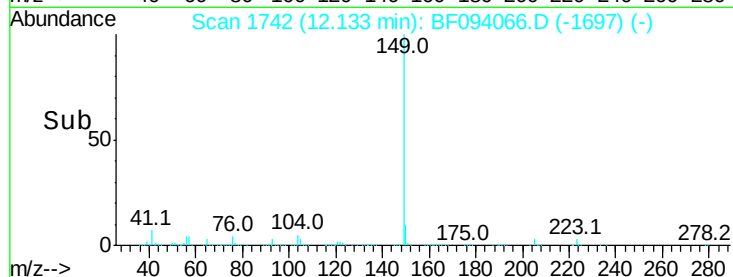
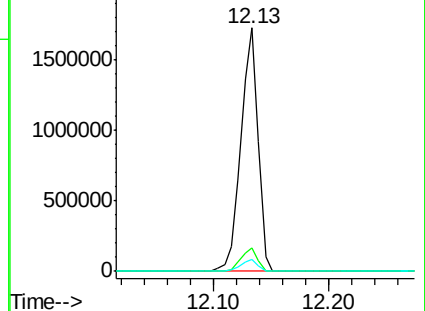
104 4.7 4.0 6.0



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: 43.67 ng

RT: 12.88 min Scan# 1869

Delta R.T. -0.04 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

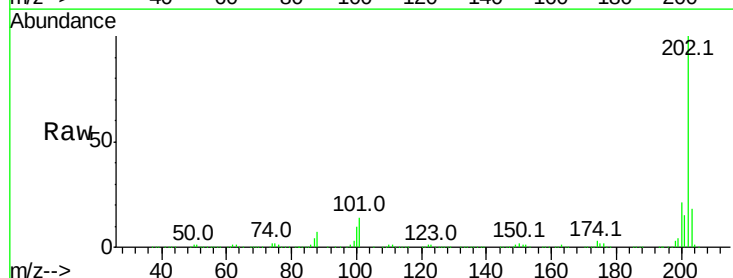
Tgt Ion:202 Resp: 1508760

Ion Ratio Lower Upper

202 100

101 14.1 0.0 33.2

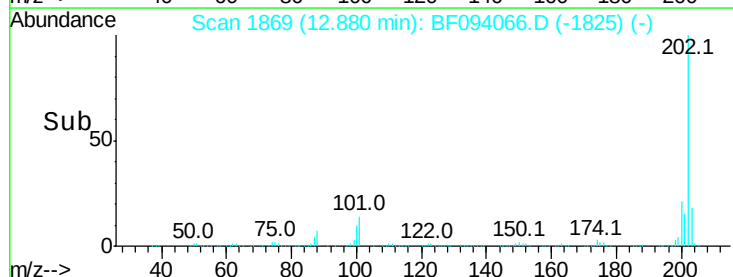
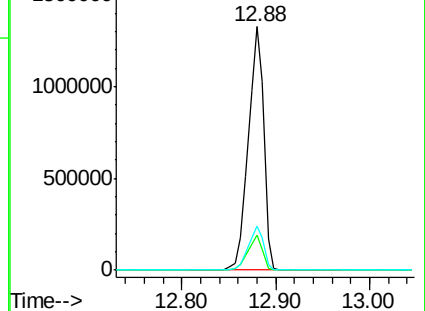
203 18.0 0.0 38.1

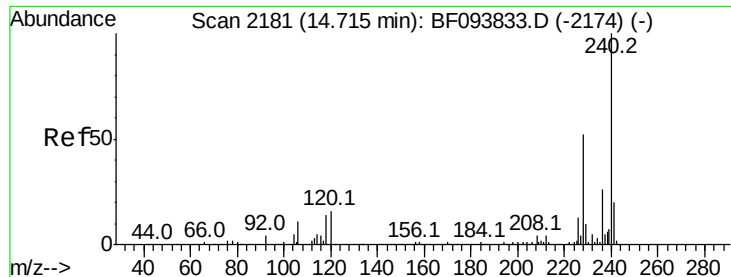


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.64 min Scan# 2169

Delta R.T. -0.04 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

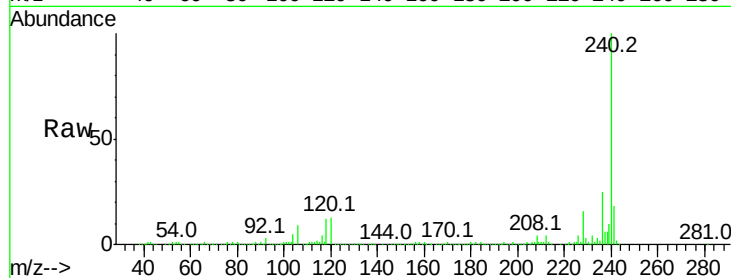
Tot Ion:240 Resp: 447819

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

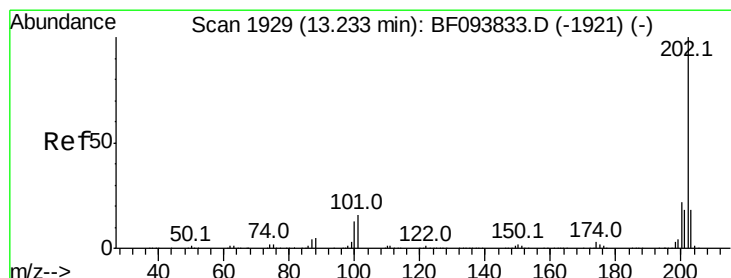
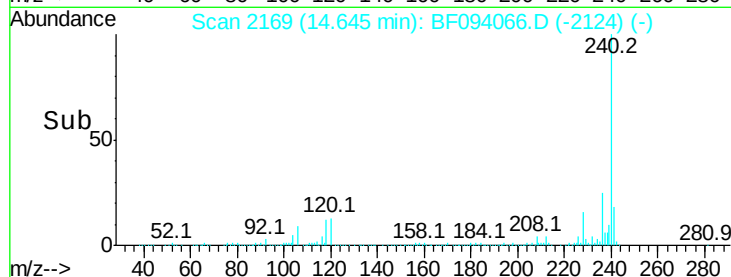
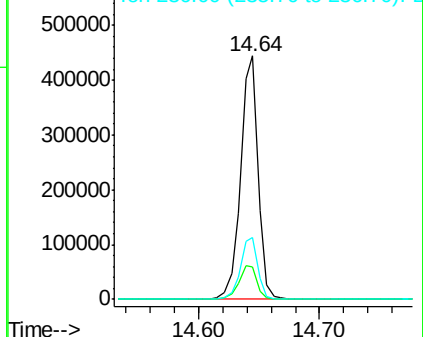
236 25.2 20.5 30.7



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



#77

Pyrene

Concen: 46.17 ng

RT: 13.16 min Scan# 1916

Delta R.T. -0.04 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

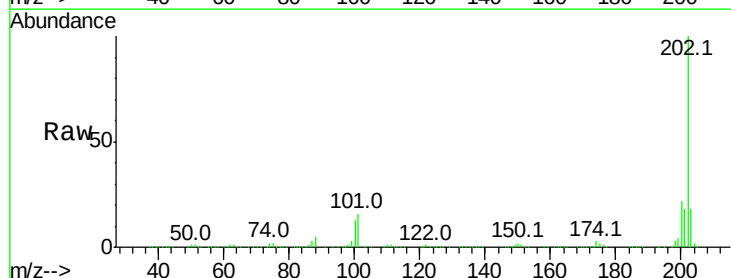
Tgt Ion:202 Resp: 1500463

Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

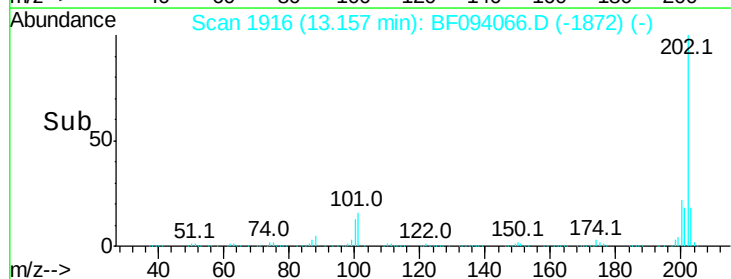
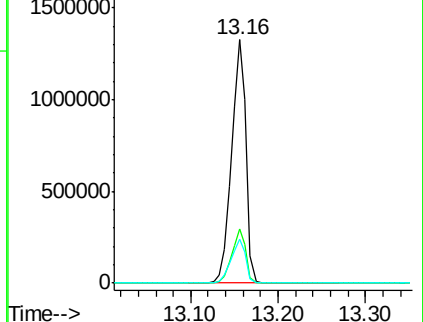
203 17.9 14.4 21.6

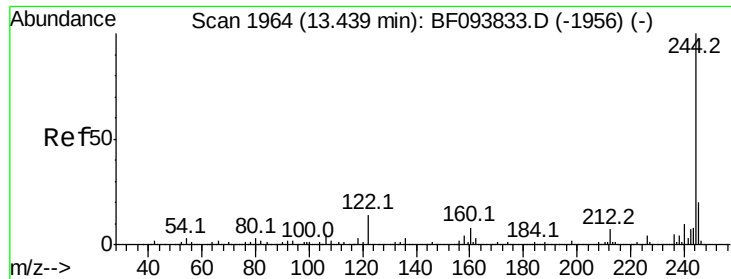


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

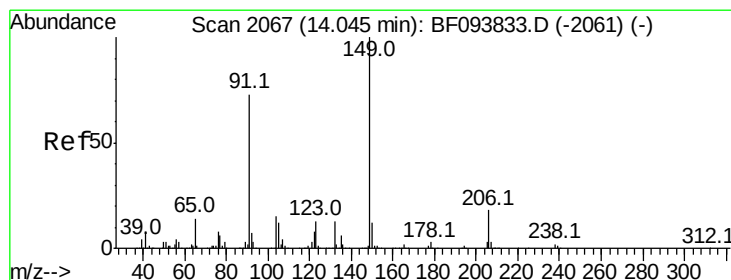
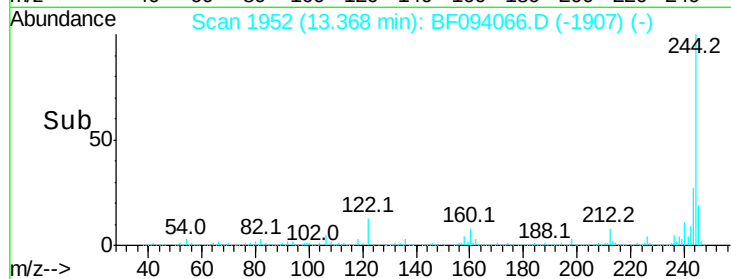
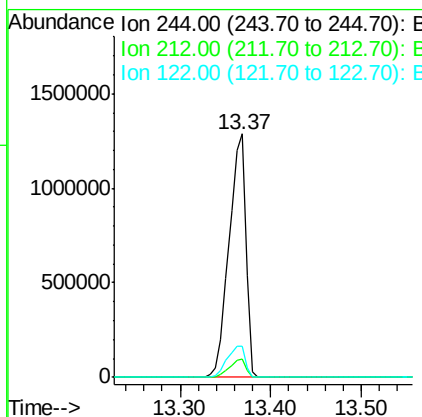
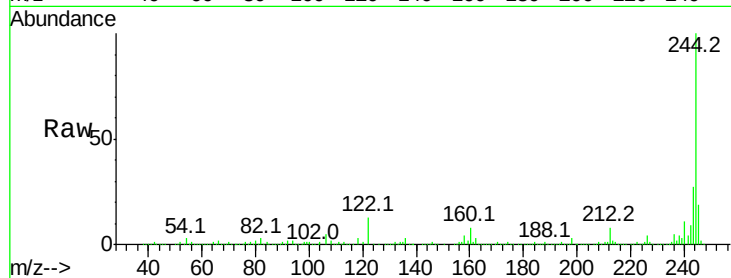




#78
 Terphenyl-d14
 Concen: 83.81 ng
 RT: 13.37 min Scan# 1952
 Delta R.T. -0.04 min
 Lab File: BF094066.D
 Acq: 30 Mar 2017 19:04

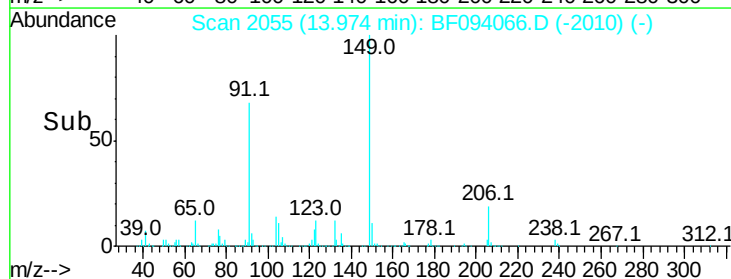
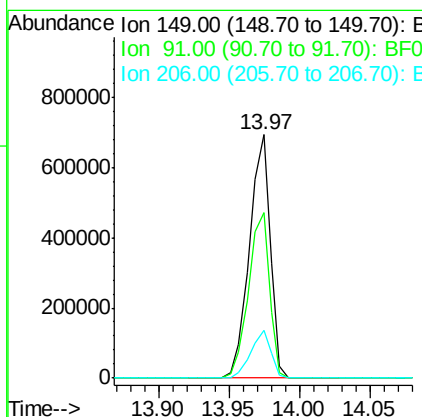
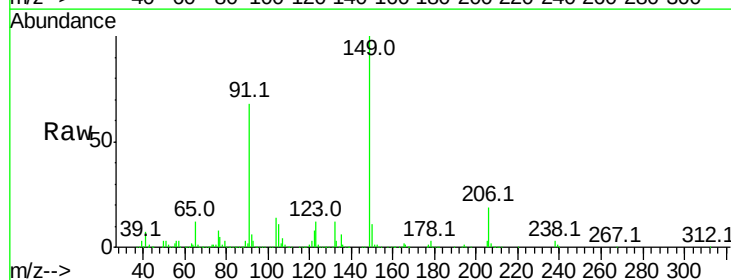
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

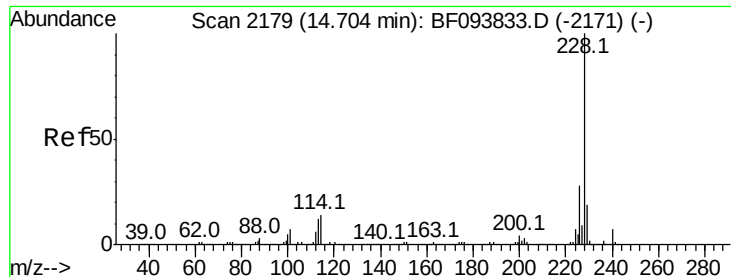
Tot Ion:244 Resp: 1674358
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 13.0 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 52.02 ng
 RT: 13.97 min Scan# 2055
 Delta R.T. -0.04 min
 Lab File: BF094066.D
 Acq: 30 Mar 2017 19:04

Tgt Ion:149 Resp: 720371
 Ion Ratio Lower Upper
 149 100
 91 68.0 45.0 67.4#
 206 19.4 17.0 25.6





#80

Benzo(a)anthracene

Concen: 45.31 ng

RT: 14.63 min Scan# 2166

Delta R.T. -0.04 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

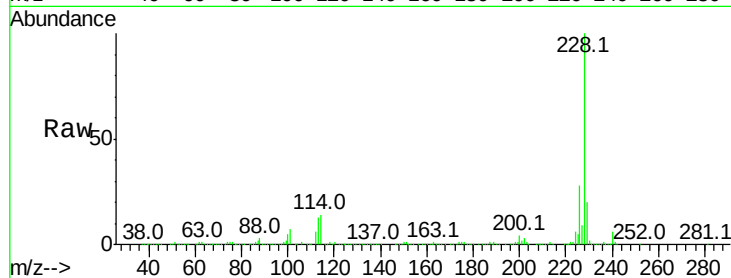
Tot Ion:228 Resp: 1183114

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

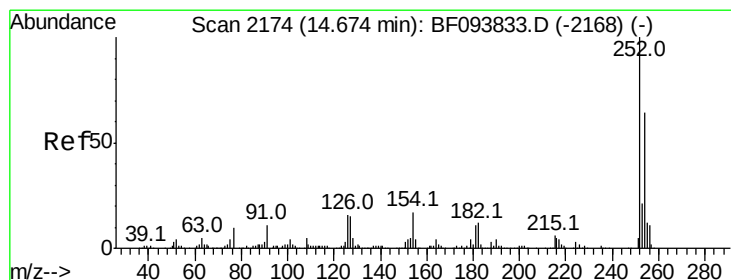
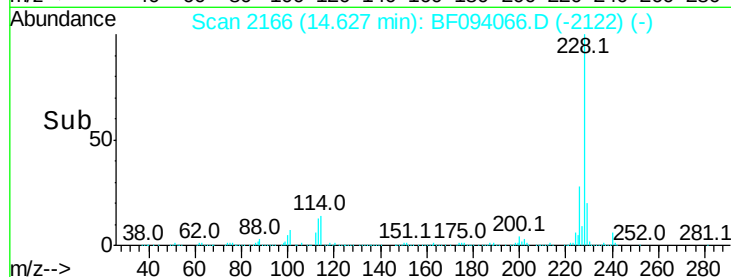
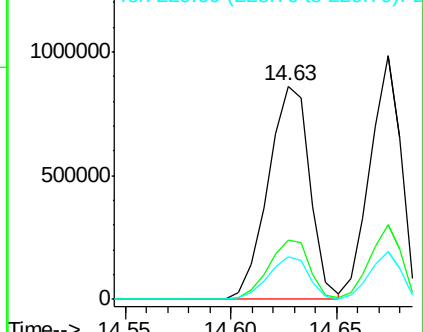
229 20.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 2.03 ng

RT: 14.60 min Scan# 2161

Delta R.T. -0.04 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

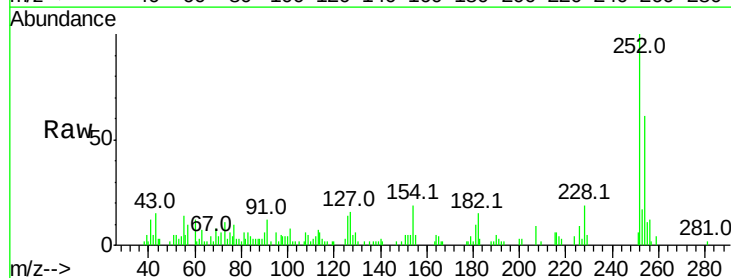
Tgt Ion:252 Resp: 18949

Ion Ratio Lower Upper

252 100

254 60.9 51.5 77.3

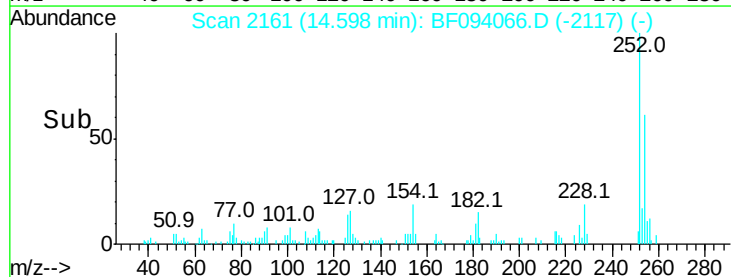
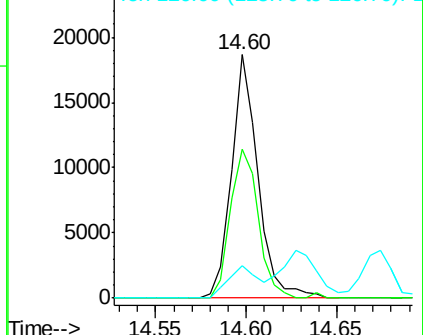
126 13.5 15.8 23.8#

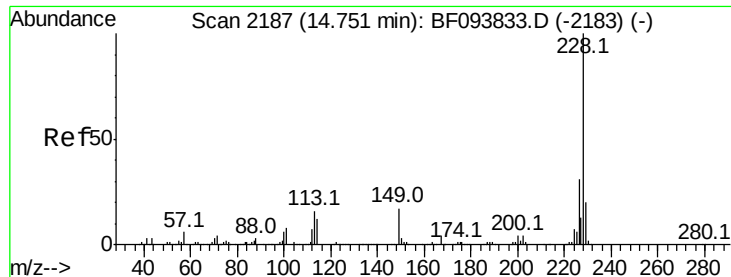


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 41.96 ng

RT: 14.67 min Scan# 2174

Delta R.T. -0.04 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

Instrument :

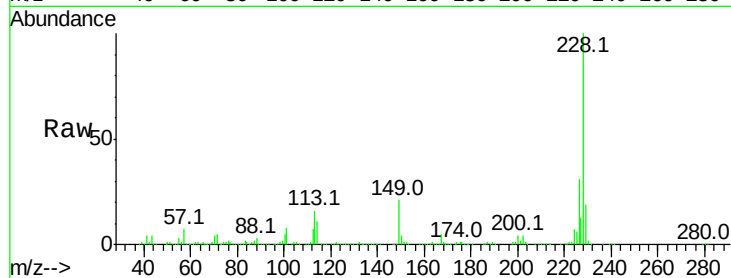
BNA_F

ClientSampleId :

WC-B42-B51-001MS

Tot Ion:228 Resp: 1016742

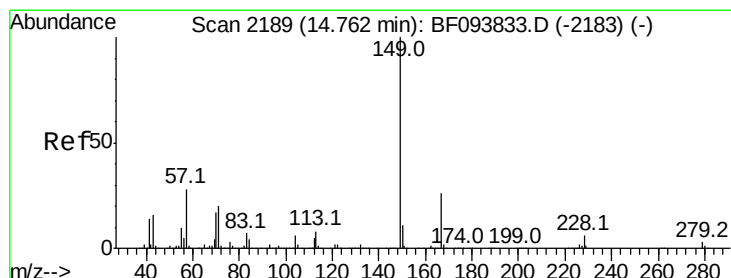
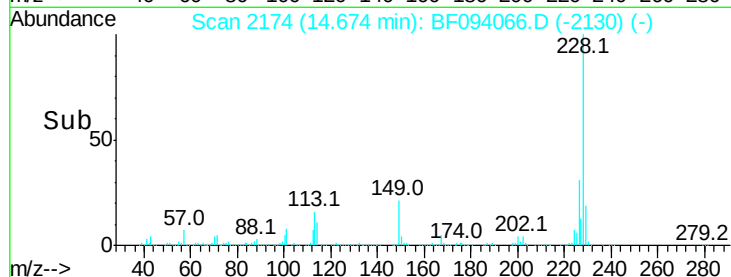
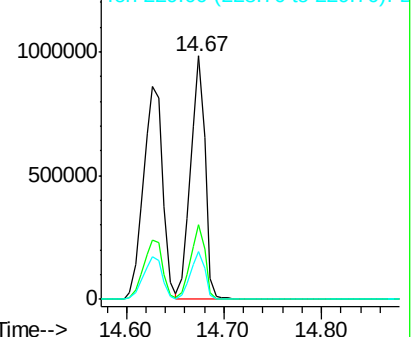
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	19.4	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 51.68 ng

RT: 14.69 min Scan# 2176

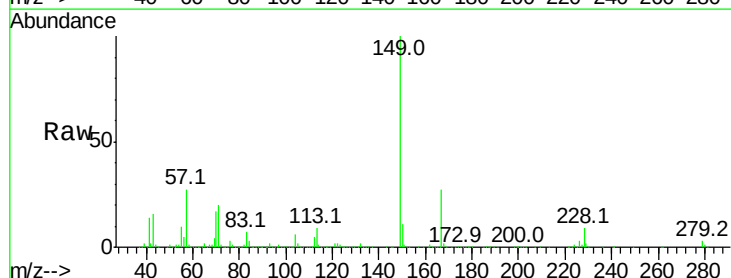
Delta R.T. -0.04 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

Tgt Ion:149 Resp: 976343

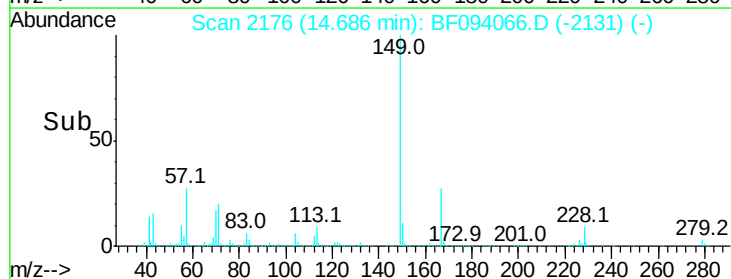
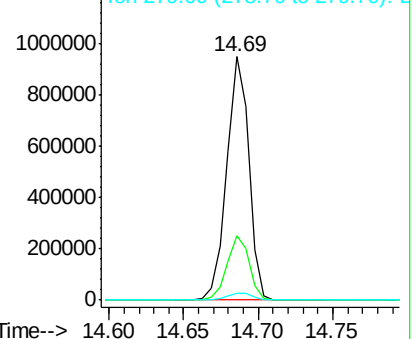
Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.0	31.4
279	2.9	1.9	2.9#

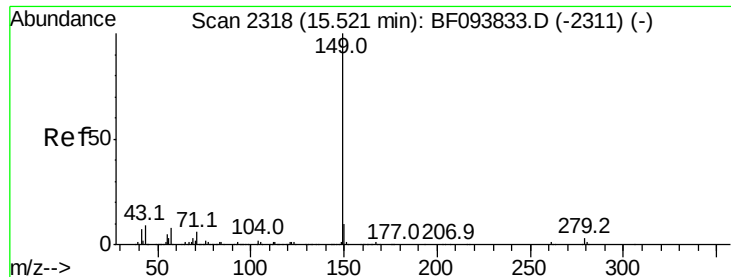


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

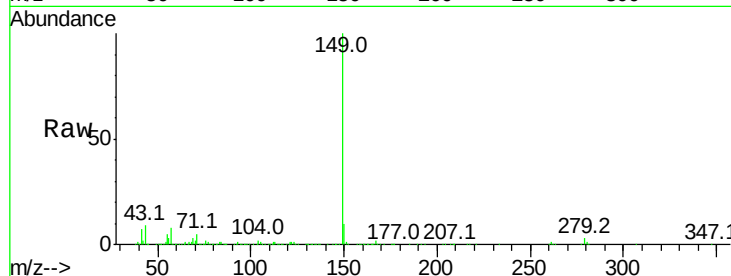




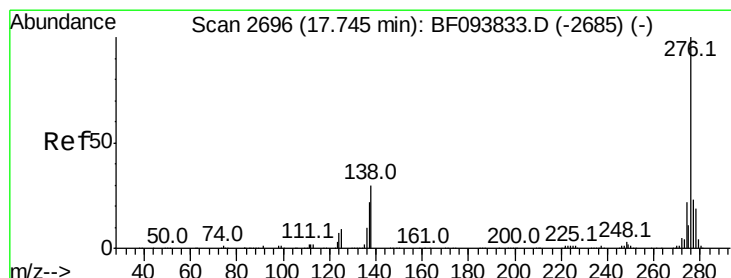
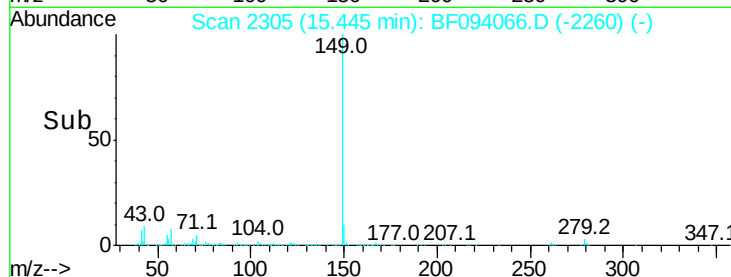
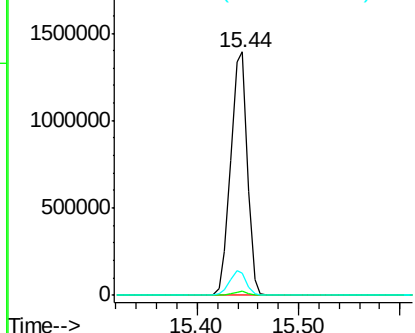
#84
Di-n-octyl phthalate
Concen: 50.40 ng
RT: 15.44 min Scan# 2305
Delta R.T. -0.04 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Tot Ion:149 Resp: 1590838
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.6 8.5 12.7

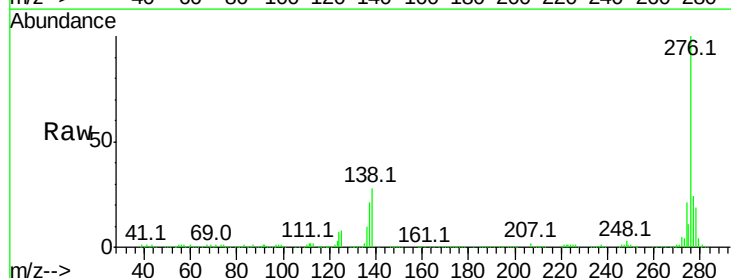


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): E

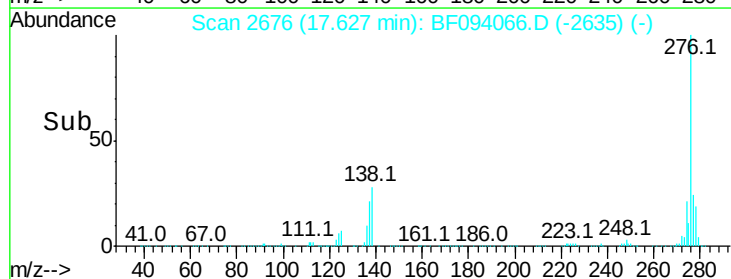
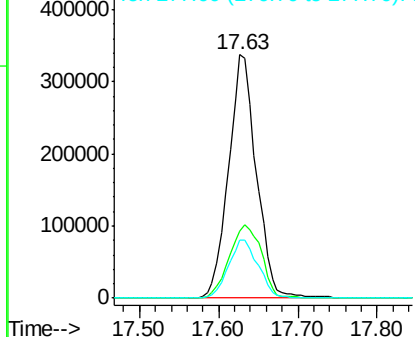


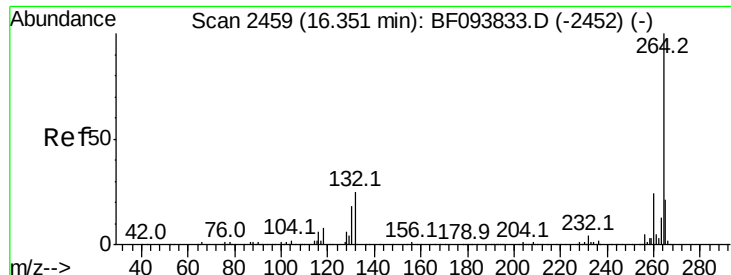
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.03 ng
RT: 17.63 min Scan# 2676
Delta R.T. -0.06 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

Tgt Ion:276 Resp: 819165
Ion Ratio Lower Upper
276 100
138 34.9 27.8 41.6
277 25.5 20.2 30.4



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

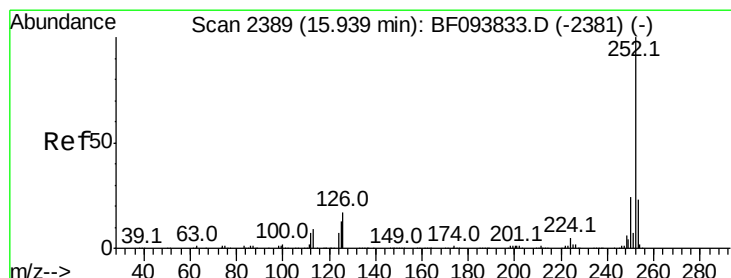
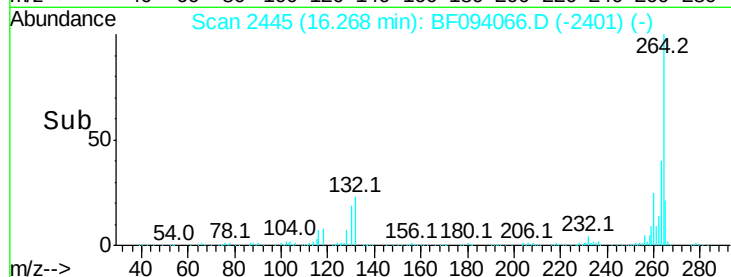
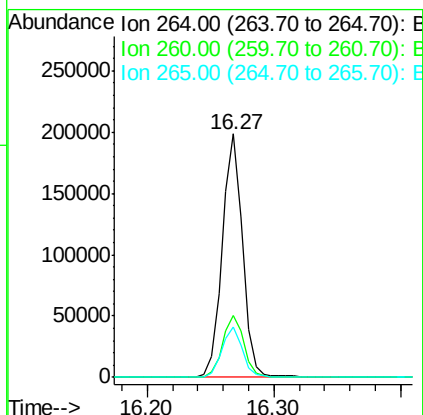
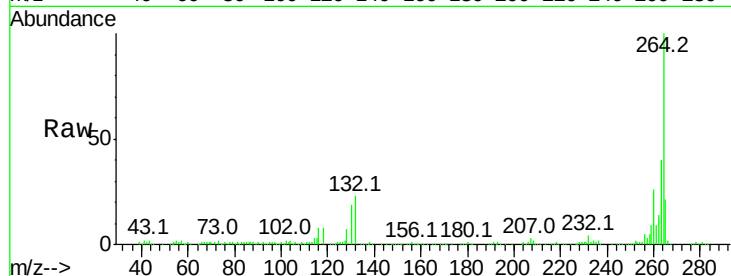




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.27 min Scan# 2445
Delta R.T. -0.04 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

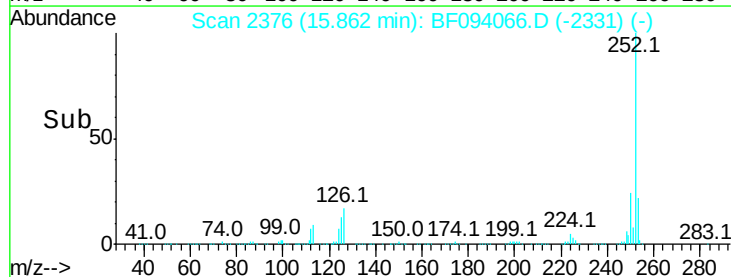
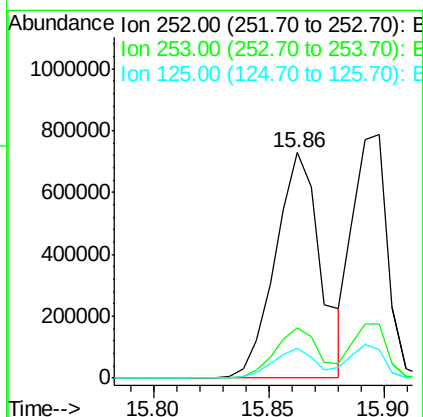
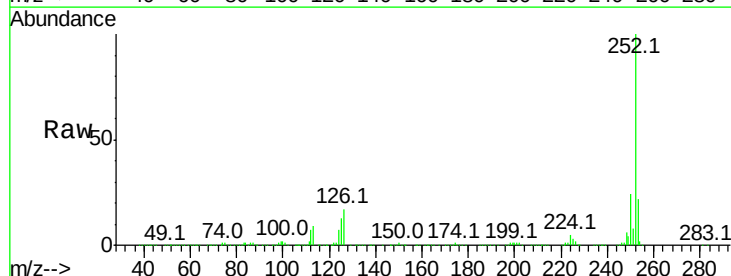
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

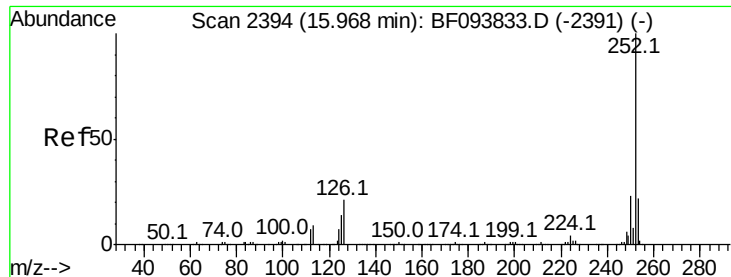
Tot Ion:264 Resp: 221674
Ion Ratio Lower Upper
264 100
260 25.6 19.5 29.3
265 20.6 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 73.00 ng
RT: 15.86 min Scan# 2376
Delta R.T. -0.04 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

Tgt Ion:252 Resp: 991915
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 13.2 9.8 14.8

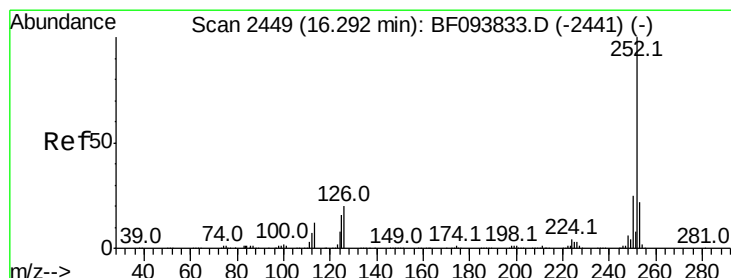
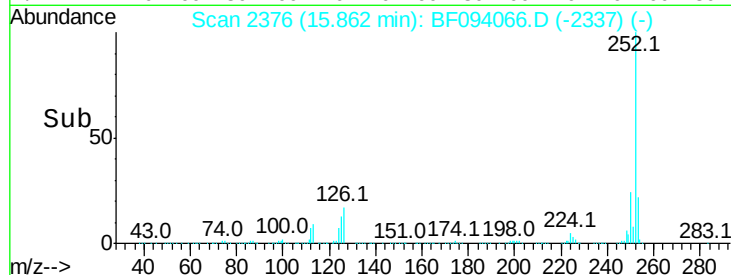
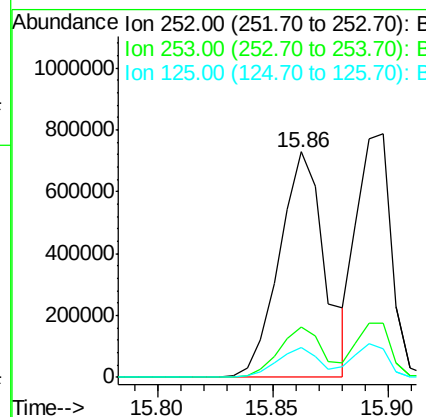
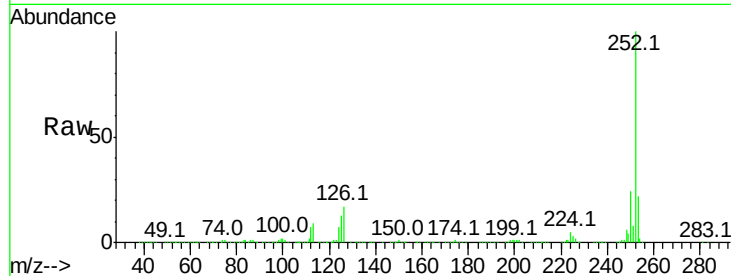




#88
Benzo(k)fluoranthene
Concen: 74.61 ng
RT: 15.86 min Scan# 2376
Delta R.T. -0.07 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

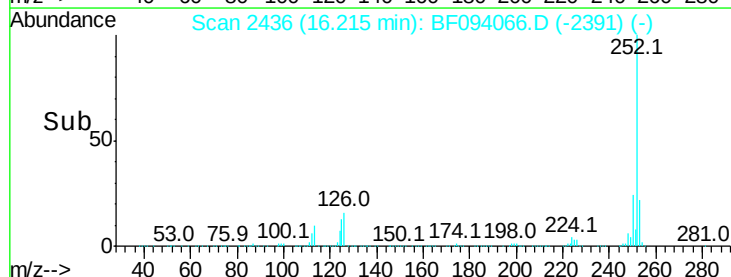
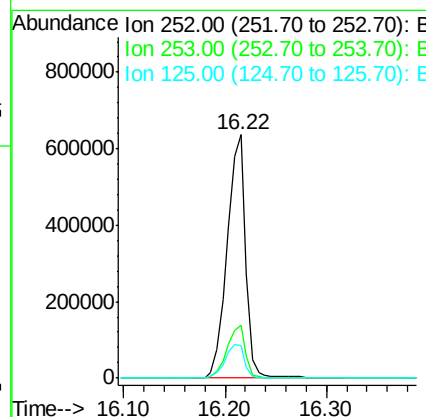
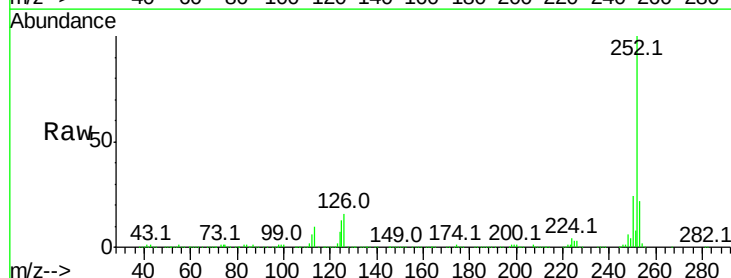
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

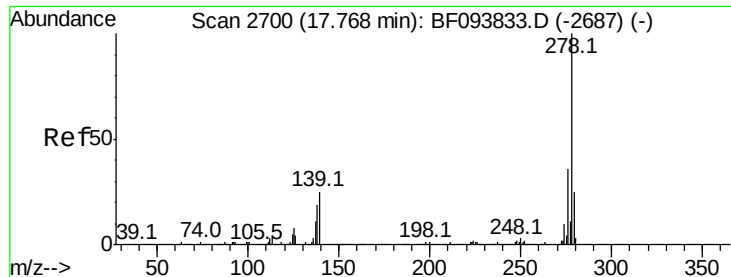
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	13.2	13.1	19.7



#89
Benzo(a)pyrene
Concen: 64.55 ng
RT: 16.22 min Scan# 2436
Delta R.T. -0.04 min
Lab File: BF094066.D
Acq: 30 Mar 2017 19:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	13.1	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 65.72 ng

RT: 17.65 min Scan# 2680

Delta R.T. -0.06 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

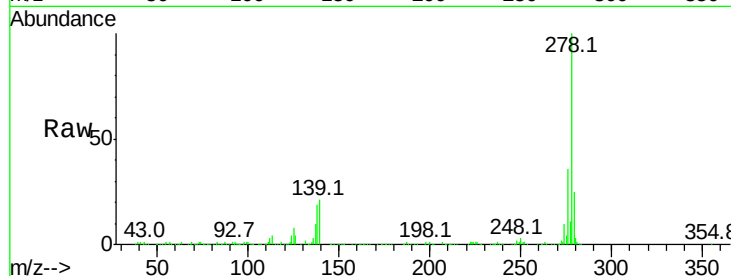
Tot Ion:278 Resp: 696453

Ion Ratio Lower Upper

278 100

139 21.5 16.6 24.8

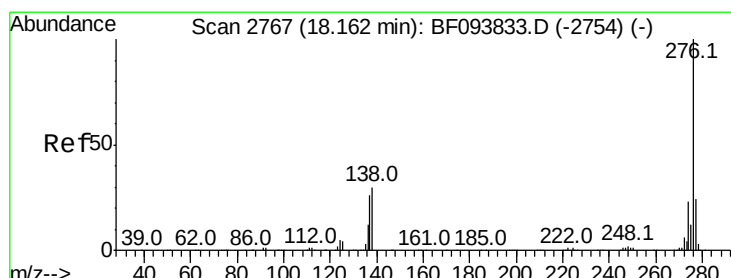
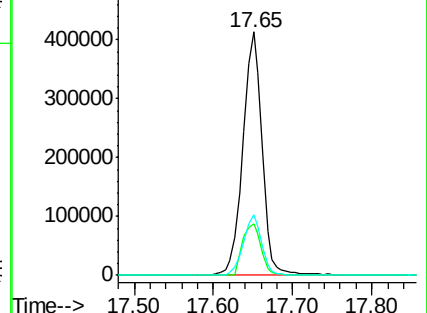
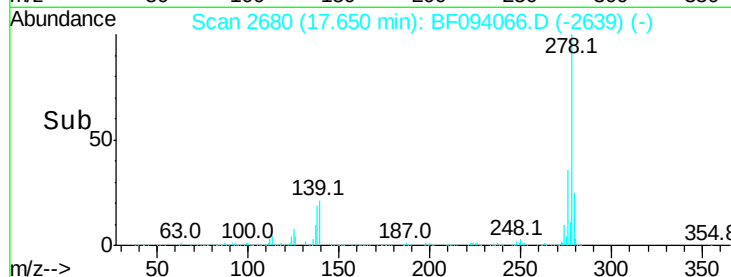
279 25.1 19.3 28.9



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(g,h,i)perylene

Concen: 64.13 ng

RT: 18.03 min Scan# 2745

Delta R.T. -0.06 min

Lab File: BF094066.D

Acq: 30 Mar 2017 19:04

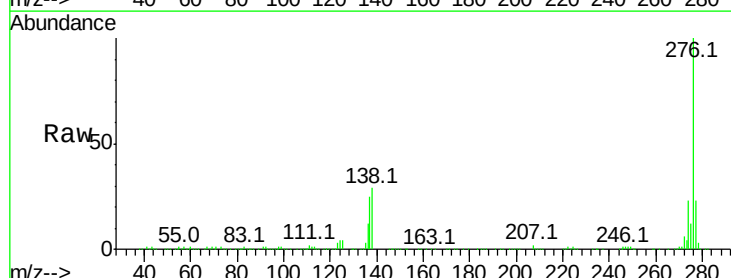
Tgt Ion:276 Resp: 684867

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 29.2 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

