

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094354.D
 Acq On : 11 Apr 2017 17:07
 Operator : SJ/MA
 Sample : PB98184BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 00:49:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	151145	20.00	ng	-0.03
21) Naphthalene-d8	7.33	136	605860	20.00	ng	-0.04
38) Acenaphthene-d10	9.47	164	277960	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	493510	20.00	ng	-0.03
75) Chrysene-d12	14.55	240	376311	20.00	ng	-0.02
86) Perylene-d12	16.17	264	269183	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	4.39	112	1063673	118.86	ng	0.00
7) Phenol-d6	5.46	99	1327275	119.89	ng	0.00
23) Nitrobenzene-d5	6.48	82	826429	77.85	ng	-0.03
41) 2,4,6-Tribromophenol	10.45	330	275767	125.55	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1549086	85.00	ng	-0.03
78) Terphenyl-d14	13.27	244	1301408	77.52	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	150473	35.00	ng	97
3) Pyridine	2.71	79	453067	38.67	ng	99
4) n-Nitrosodimethylamine	2.67	42	195351	40.52	ng	89
6) Aniline	5.45	93	223503	14.51	ng	# 78
8) 2-Chlorophenol	5.60	128	429369	43.65	ng	98
9) Benzaldehyde	5.32	77	143905	19.25	ng	99
10) Phenol	5.47	94	513274	40.74	ng	91
11) bis(2-Chloroethyl)ether	5.54	93	407429	41.38	ng	96
12) 1,3-Dichlorobenzene	5.76	146	458998	41.60	ng	99
13) 1,4-Dichlorobenzene	5.85	146	466325	41.73	ng	97
14) 1,2-Dichlorobenzene	6.02	146	427570	41.55	ng	96
15) Benzyl Alcohol	6.00	79	325028	40.11	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.16	45	527589	34.78	ng	# 18
17) 2-Methylphenol	6.16	107	347935	41.30	ng	# 90
18) Hexachloroethane	6.41	117	161935	41.23	ng	# 84
19) n-Nitroso-di-n-propylamine	6.32	70	302912	42.57	ng	95
20) 3+4-Methylphenols	6.34	107	488498	47.88	ng	# 63
22) Acetophenone	6.30	105	602294	44.60	ng	# 87
24) Nitrobenzene	6.50	77	431835	41.24	ng	94
25) Isophorone	6.79	82	776329	41.62	ng	96
26) 2-Nitrophenol	6.87	139	245880	49.24	ng	97
27) 2,4-Dimethylphenol	6.96	122	394407	45.84	ng	99
28) bis(2-Chloroethoxy)methane	7.05	93	502071	40.81	ng	99
29) 2,4-Dichlorophenol	7.19	162	371858	46.23	ng	99
30) 1,2,4-Trichlorobenzene	7.26	180	356786	43.06	ng	99
31) Naphthalene	7.36	128	1214706	41.70	ng	99
32) Benzoic acid	7.12	122	166820	29.13	ng	96
33) 4-Chloroaniline	7.43	127	117994	9.99	ng	# 92
34) Hexachlorobutadiene	7.51	225	182431	42.94	ng	97
35) Caprolactam	7.87	113	62032	24.18	ng	93
36) 4-Chloro-3-methylphenol	8.06	107	389622	46.35	ng	88
37) 2-Methylnaphthalene	8.20	142	855837	44.07	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.40	216	315397	41.48	ng	99
40) Hexachlorocyclopentadiene	8.39	237	298127	83.78	ng	98

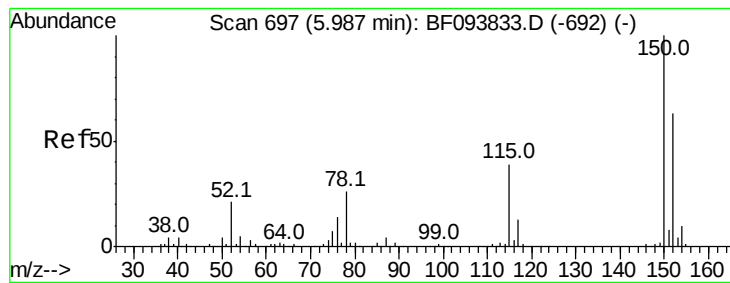
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.56	196	244661	45.48	nq	96
43) 2,4,5-Trichlorophenol	8.62	196	249556	42.87	nq	# 91
45) 1,1'-Biphenyl	8.77	154	951145	42.42	nq	98
46) 2-Chloronaphthalene	8.79	162	744941	42.45	nq	95
47) 2-Nitroaniline	8.93	65	224402	43.10	nq	# 79
48) Acenaphthylene	9.30	152	1188369	40.74	nq	99
49) Dimethylphthalate	9.17	163	895636	45.33	nq	98
50) 2,6-Dinitrotoluene	9.23	165	206311	45.55	nq	98
51) Acenaphthene	9.51	154	712794	41.88	nq	100
52) 3-Nitroaniline	9.43	138	84773	15.94	nq	92
53) 2,4-Dinitrophenol	9.57	184	133799	56.65	nq	# 68
54) Dibenzofuran	9.73	168	1016132	43.86	nq	100
55) 4-Nitrophenol	9.70	139	389226	93.45	nq	# 81
56) 2,4-Dinitrotoluene	9.73	165	245093	43.08	nq	# 70
57) Fluorene	10.15	166	787213	40.97	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.89	232	181452	45.43	nq	98
59) Diethylphthalate	10.03	149	852678	43.66	nq	99
60) 4-Chlorophenyl-phenylether	10.15	204	339862	41.52	nq	95
61) 4-Nitroaniline	10.19	138	215037	42.13	nq	94
62) Azobenzene	10.35	77	833309	45.11	nq	94
64) 4,6-Dinitro-2-methylphenol	10.23	198	111355	36.84	nq	# 70
65) n-Nitrosodiphenylamine	10.30	169	741281	43.43	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	211732	43.62	nq	94
67) Hexachlorobenzene	10.82	284	210360	42.81	nq	# 84
68) Atrazine	10.98	200	215223	42.10	nq	98
69) Pentachlorophenol	11.08	266	184913	60.46	nq	97
70) Phenanthrene	11.33	178	1165357	42.45	nq	98
71) Anthracene	11.39	178	1216015	43.02	nq	99
72) Carbazole	11.60	167	1139980	39.33	nq	98
73) Di-n-butylphthalate	12.04	149	1335110	44.29	nq	99
74) Fluoranthene	12.79	202	1221218	43.44	nq	99
76) Benzidine	12.96	184	315787	21.20	nq	# 92
77) Pyrene	13.06	202	1214884	44.48	nq	99
79) Butylbenzylphthalate	13.88	149	568600	48.86	nq	# 82
80) Benzo(a)anthracene	14.53	228	959262	43.71	nq	99
81) 3,3'-Dichlorobenzidine	14.51	252	130942	16.69	nq	# 93
82) Chrysene	14.58	228	847157	41.60	nq	99
83) Bis(2-ethylhexyl)phthalate	14.60	149	763351	48.08	nq	# 100
84) Di-n-octyl phthalate	15.35	149	1185352	44.69	nq	97
85) Indeno(1,2,3-cd)pyrene	17.49	276	710592	40.29	nq	100
87) Benzo(b)fluoranthene	15.77	252	774046	46.91	nq	98
88) Benzo(k)fluoranthene	15.77	252	774046	47.95	nq	96
89) Benzo(a)pyrene	16.12	252	665511	43.80	nq	99
90) Dibenzo(a,h)anthracene	17.51	278	587498	45.66	nq	98
91) Benzo(g,h,i)perylene	17.87	276	609032	46.96	nq	99

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

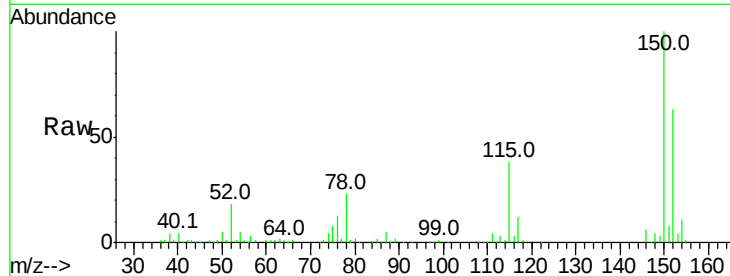


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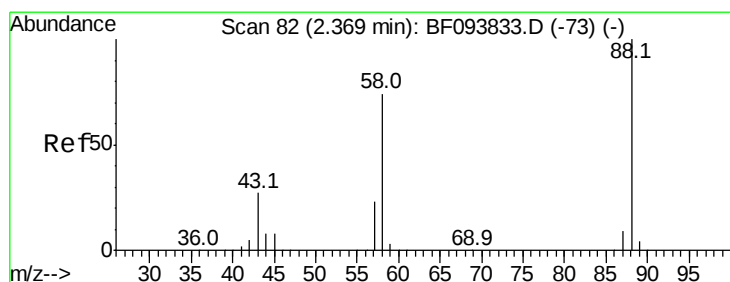
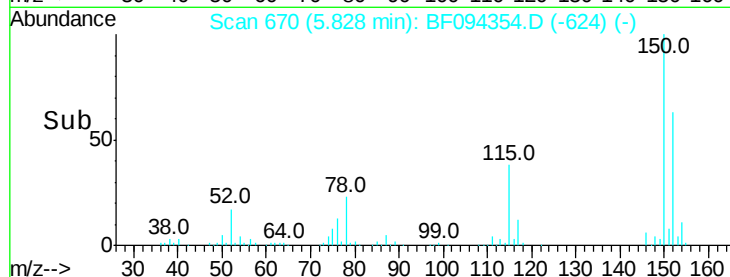
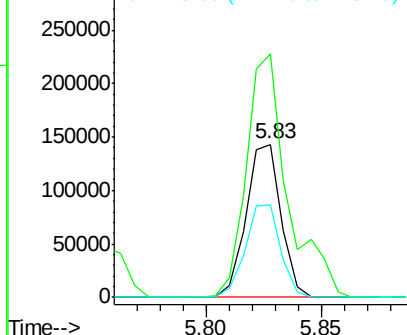
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.83 min Scan# 670
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151145
Ion Ratio Lower Upper
152 100
150 159.3 126.2 189.2
115 60.2 52.2 78.2



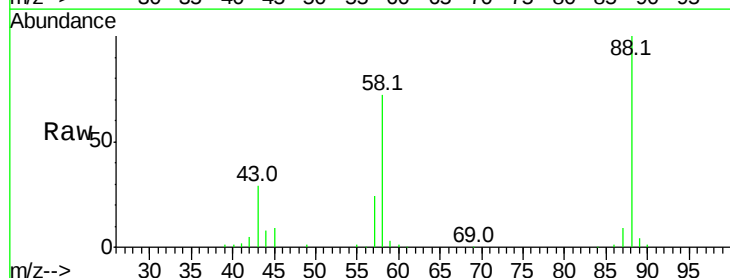
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



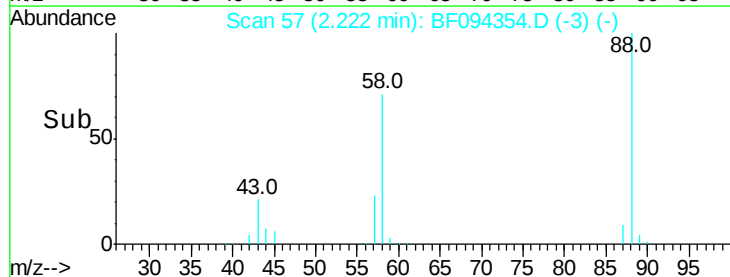
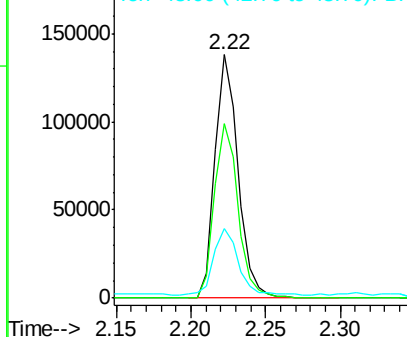
#2

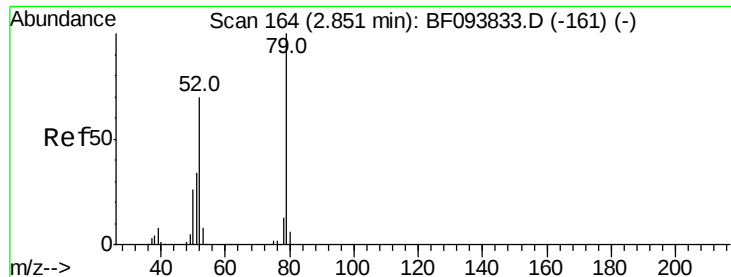
1,4-Dioxane
Concen: 35.00 ng
RT: 2.22 min Scan# 57
Delta R.T. 0.02 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion: 88 Resp: 150473
Ion Ratio Lower Upper
88 100
58 73.5 61.4 92.0
43 29.4 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: 38.67 ng

RT: 2.71 min Scan# 140

Delta R.T. 0.01 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

ClientSampled :

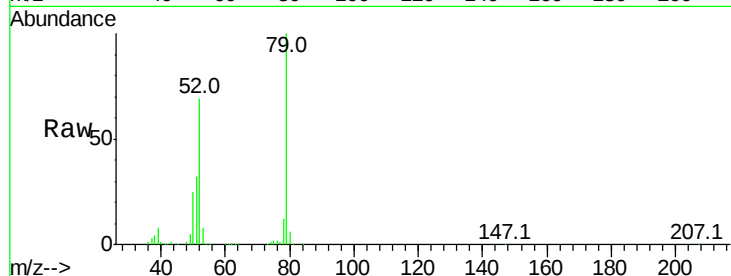
Tot Ion: 79 Resp: 453067

Ion Ratio Lower Upper

79 100

52 69.3 54.8 82.2

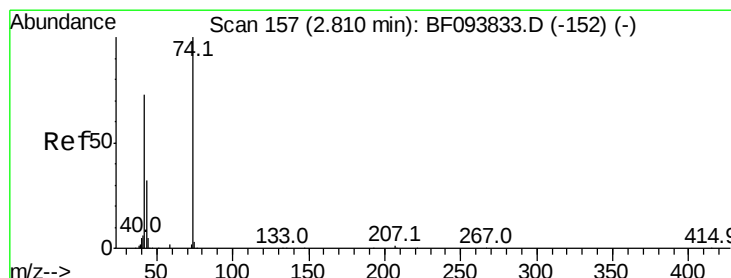
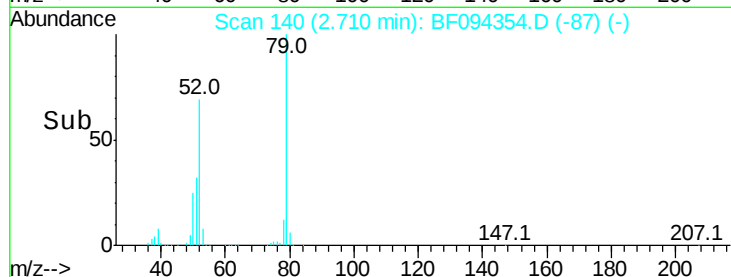
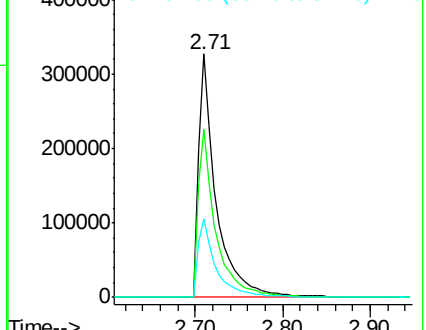
51 32.5 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.52 ng

RT: 2.67 min Scan# 134

Delta R.T. 0.01 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

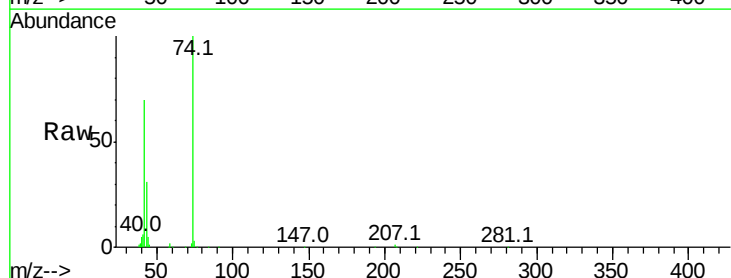
Tgt Ion: 42 Resp: 195351

Ion Ratio Lower Upper

42 100

74 143.4 103.9 155.9

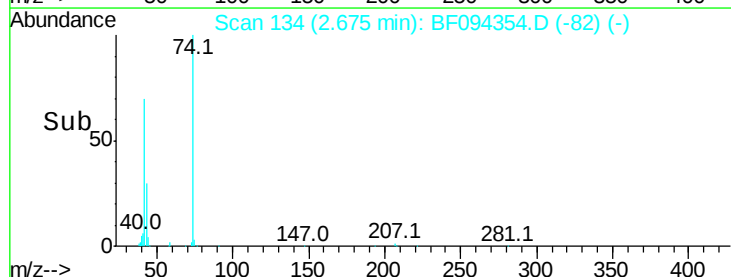
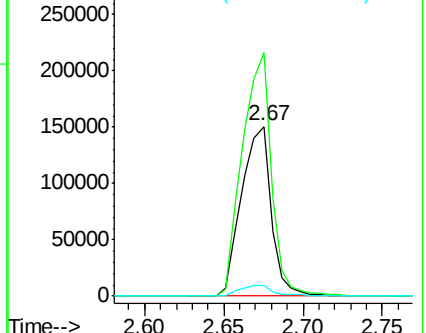
44 6.6 5.7 8.5

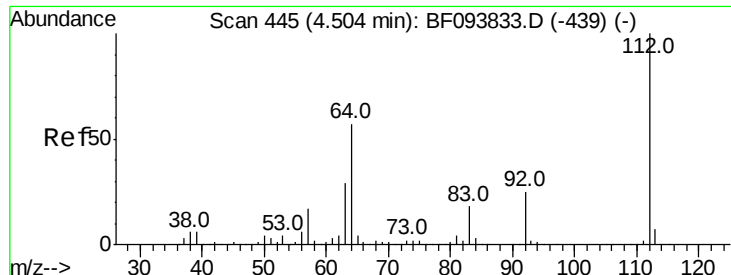


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 118.86 ng

RT: 4.39 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :
BNA_F
ClientSampled :

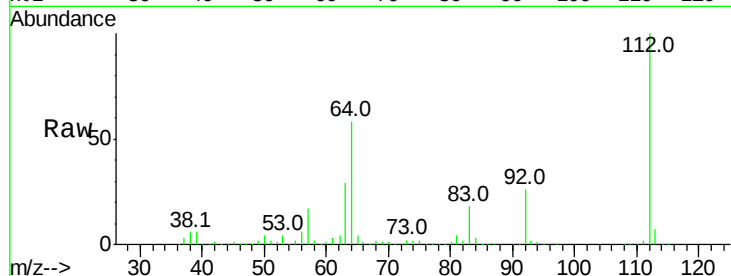
Tot Ion:112 Resp: 1063673

Ion Ratio Lower Upper

112 100

64 57.9 46.0 69.0

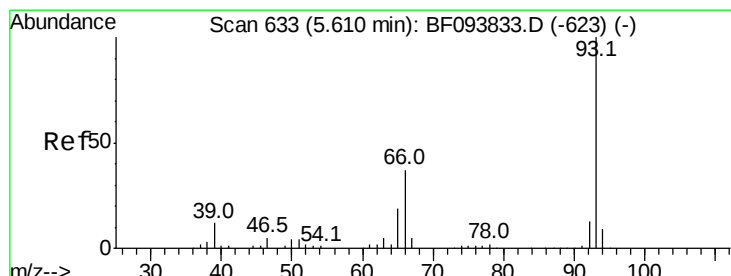
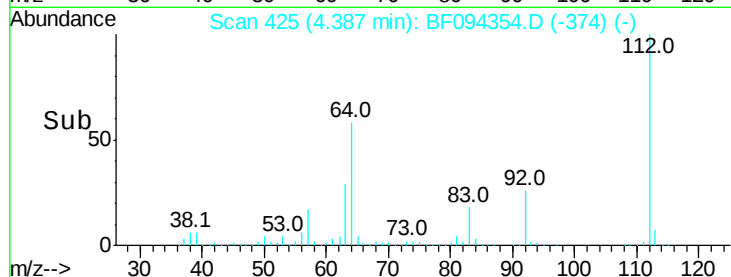
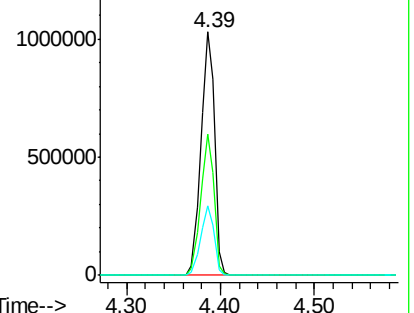
63 28.8 23.4 35.0



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: 14.51 ng

RT: 5.45 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

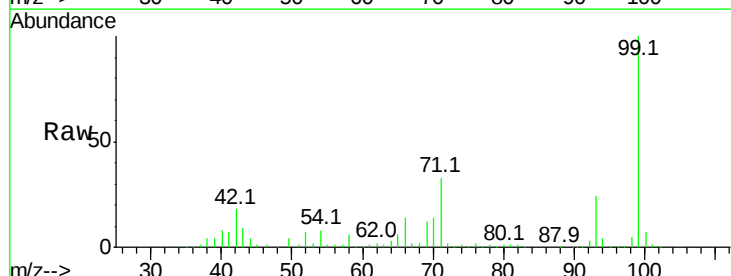
Tgt Ion: 93 Resp: 223503

Ion Ratio Lower Upper

93 100

66 59.4 32.9 49.3#

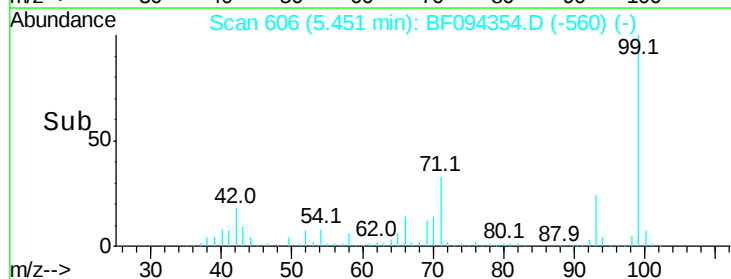
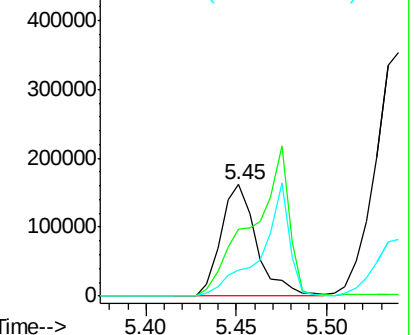
65 23.8 16.0 24.0

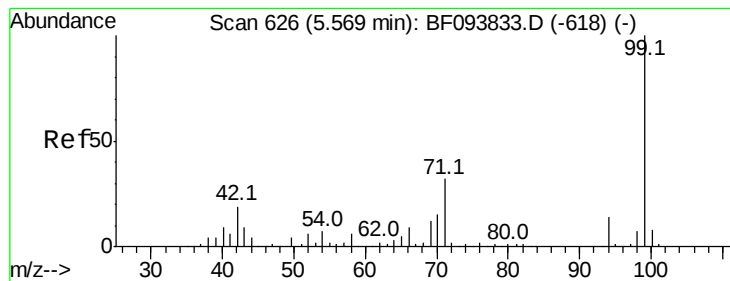


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.89 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

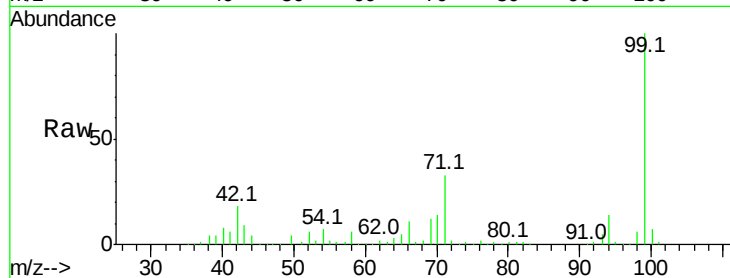
Tot Ion: 99 Resp: 1327275

Ion Ratio Lower Upper

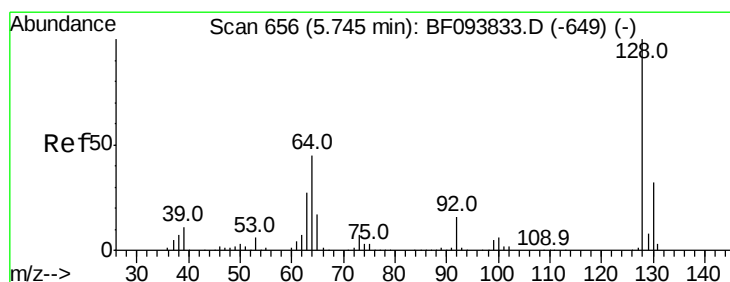
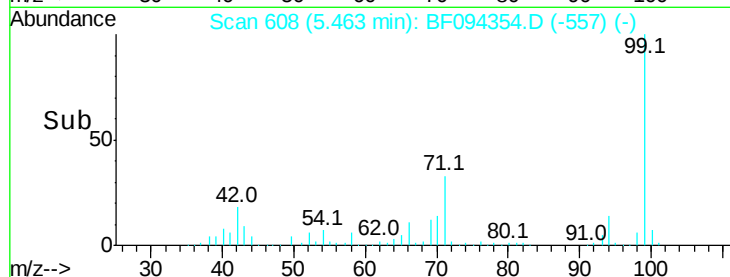
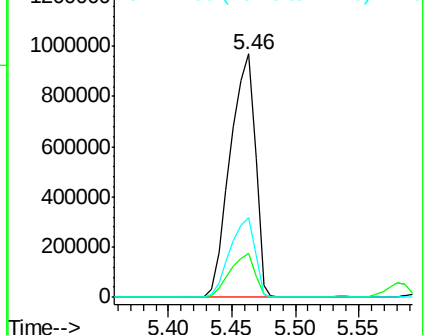
99 100

42 17.8 13.5 20.3

71 32.9 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: 43.65 ng

RT: 5.60 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

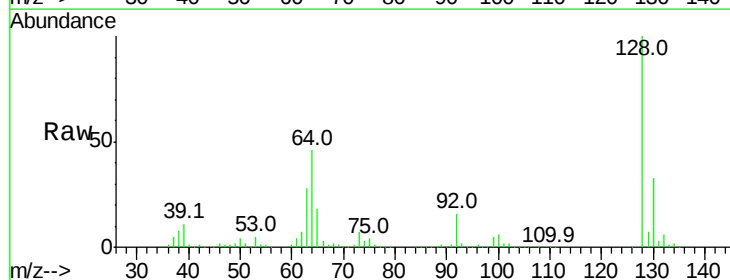
Tgt Ion:128 Resp: 429369

Ion Ratio Lower Upper

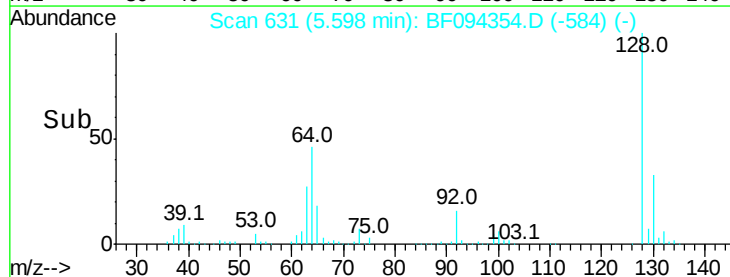
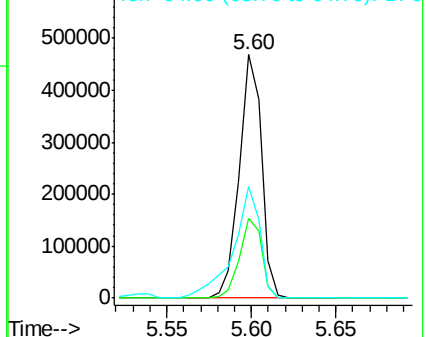
128 100

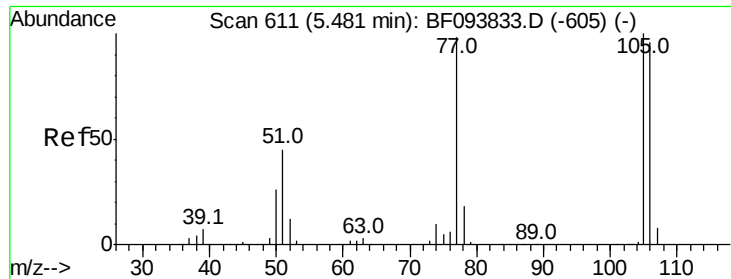
130 33.0 12.9 52.9

64 46.1 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

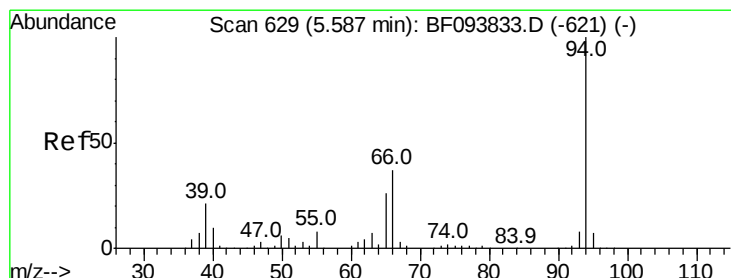
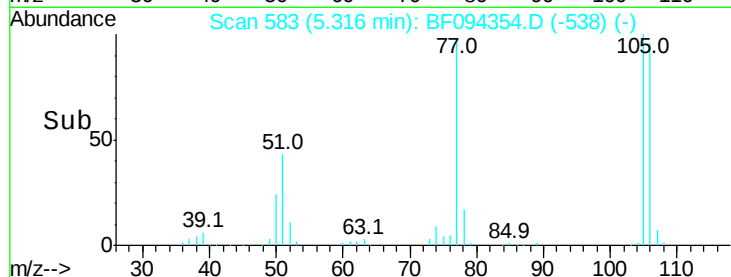
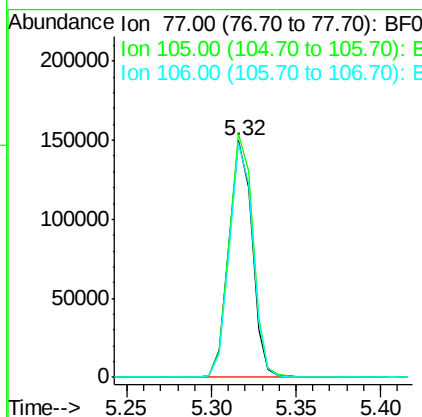
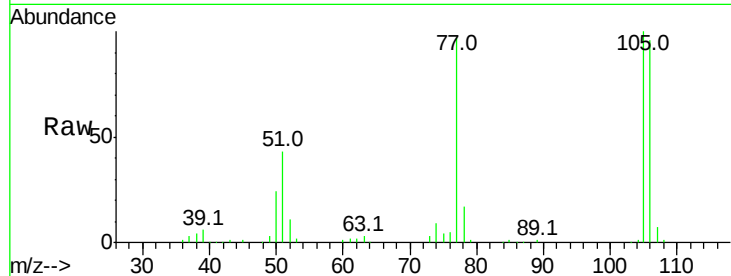




#9
Benzaldehyde
Concen: 19.25 ng
RT: 5.32 min Scan# 583
Delta R.T. -0.04 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

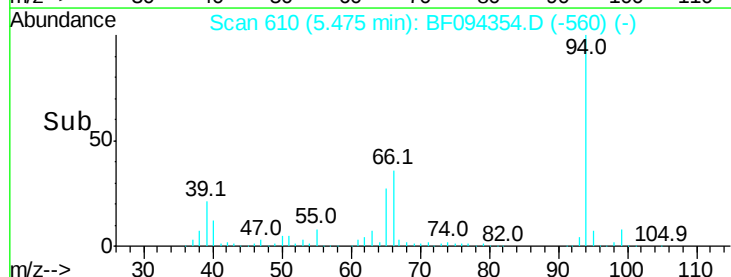
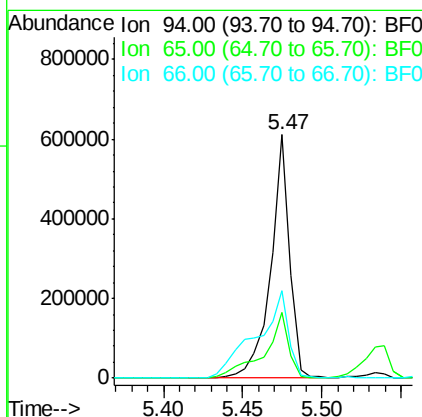
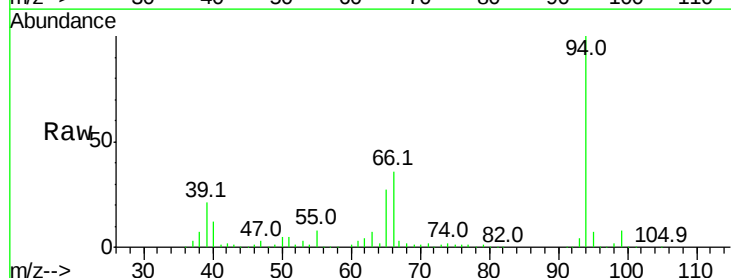
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 143905
Ion Ratio Lower Upper
77 100
105 102.8 83.8 123.8
106 98.9 79.1 119.1



#10
Phenol
Concen: 40.74 ng
RT: 5.47 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion: 94 Resp: 513274
Ion Ratio Lower Upper
94 100
65 26.8 9.9 49.9
66 35.7 23.1 63.1

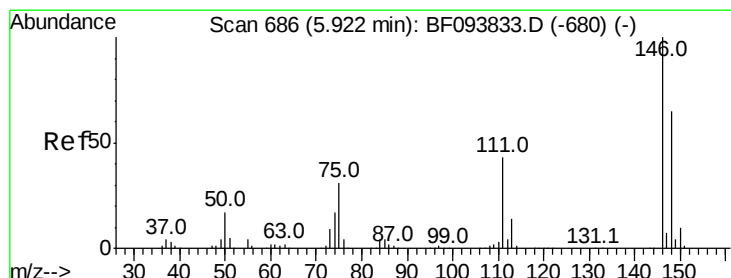
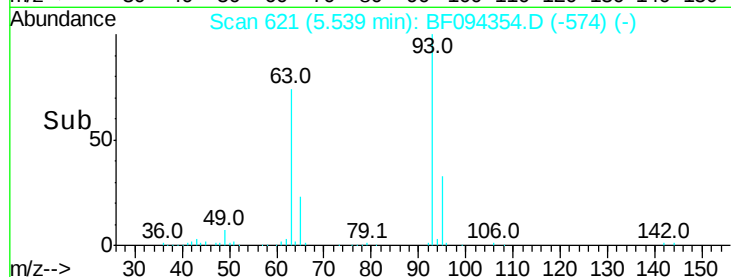
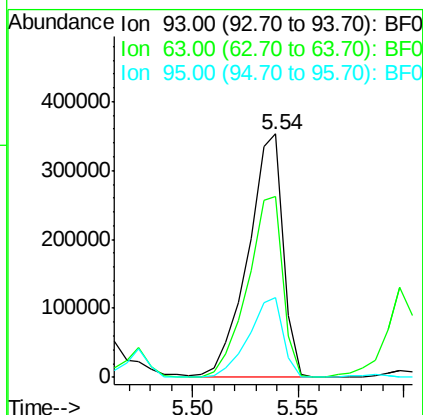
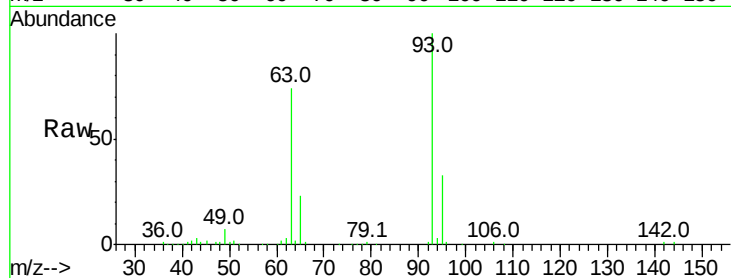




#11
bis(2-Chloroethyl)ether
Concen: 41.38 ng
RT: 5.54 min Scan# 621
Delta R.T. -0.02 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

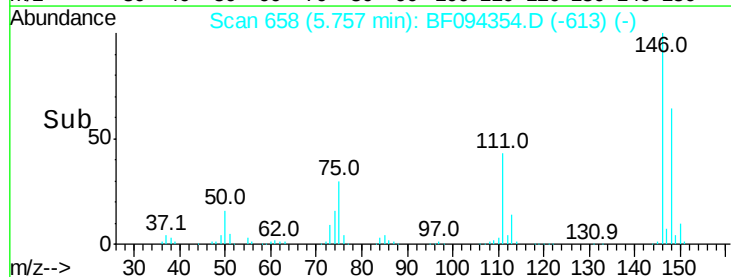
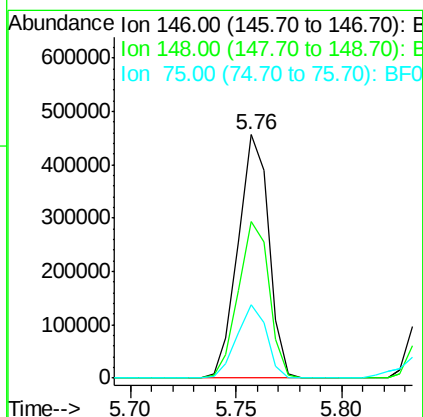
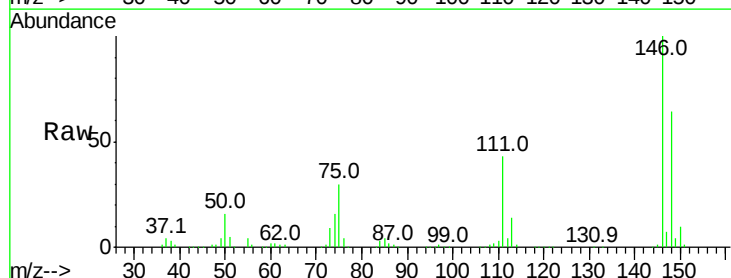
Instrument :
BNA_F
ClientSampled :

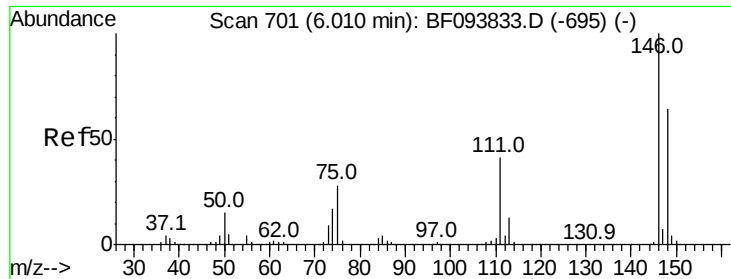
Tot Ion: 93 Resp: 407429
Ion Ratio Lower Upper
93 100
63 74.1 59.2 99.2
95 32.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.60 ng
RT: 5.76 min Scan# 658
Delta R.T. -0.04 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion: 146 Resp: 458998
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.6
75 30.0 23.1 34.7

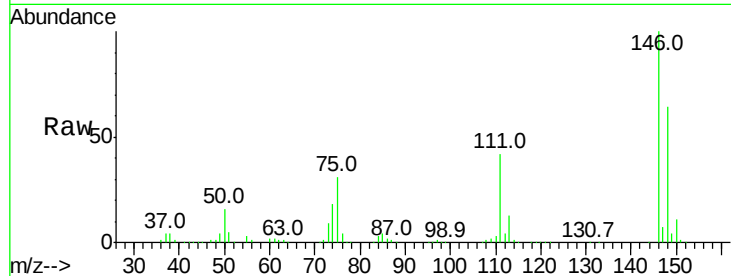




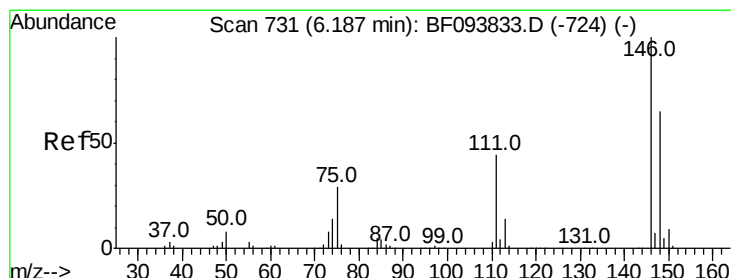
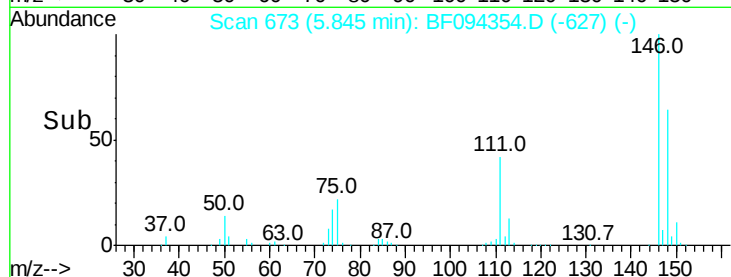
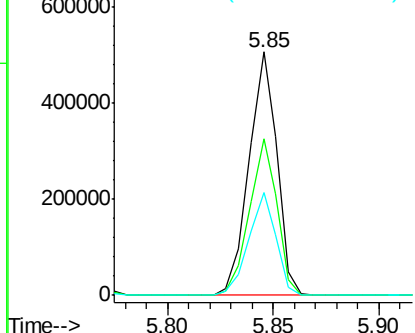
#13
 1,4-Dichlorobenzene
 Concen: 41.73 ng
 RT: 5.85 min Scan# 673
 Delta R.T. -0.03 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 466325
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 42.0 30.3 45.5

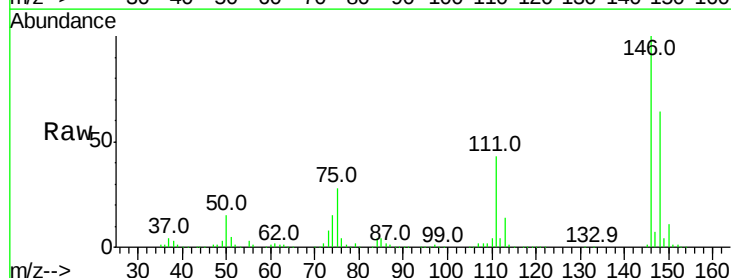


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

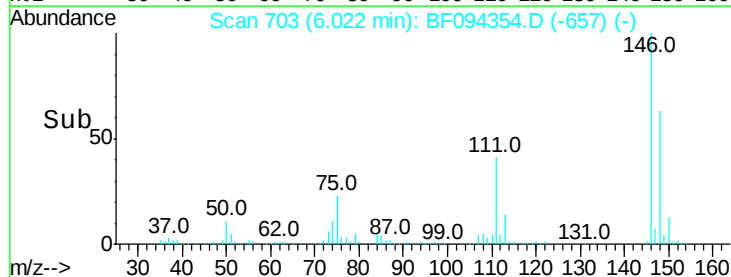
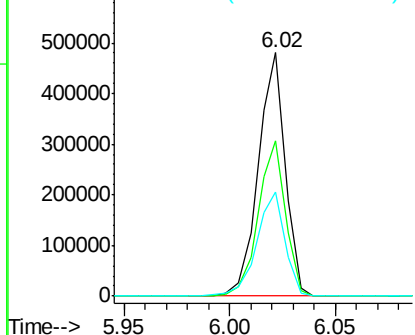


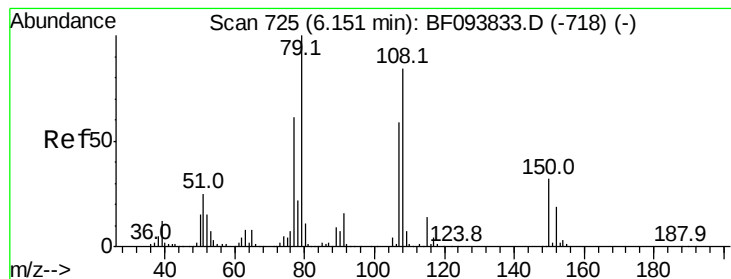
#14
 1,2-Dichlorobenzene
 Concen: 41.55 ng
 RT: 6.02 min Scan# 703
 Delta R.T. -0.03 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion:146 Resp: 427570
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.4 75.6
 111 42.8 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: 40.11 ng

RT: 6.00 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

ClientSampled :

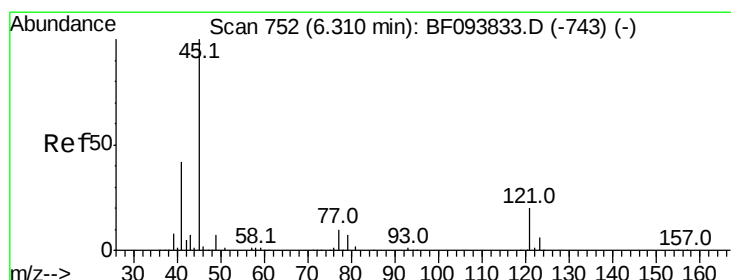
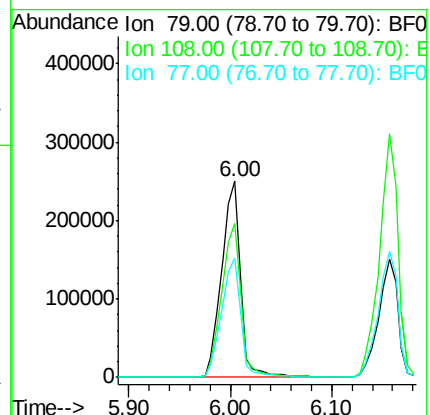
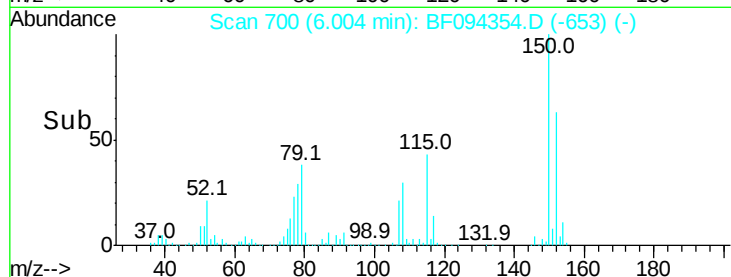
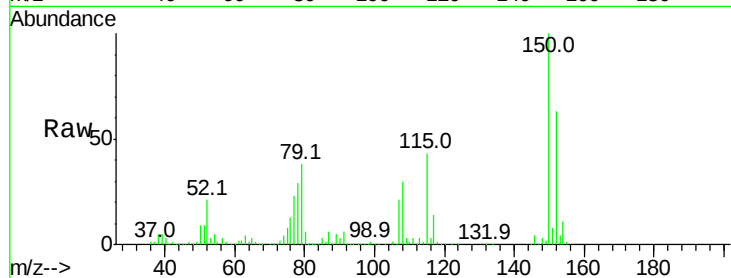
Tot Ion: 79 Resp: 325028

Ion Ratio Lower Upper

79 100

108 78.8 63.4 95.0

77 61.1 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.78 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

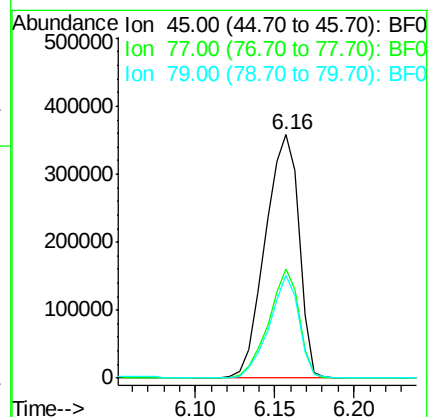
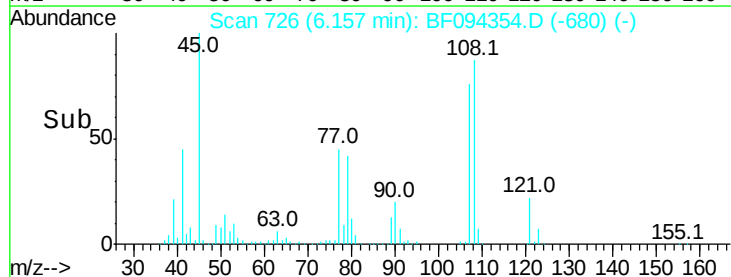
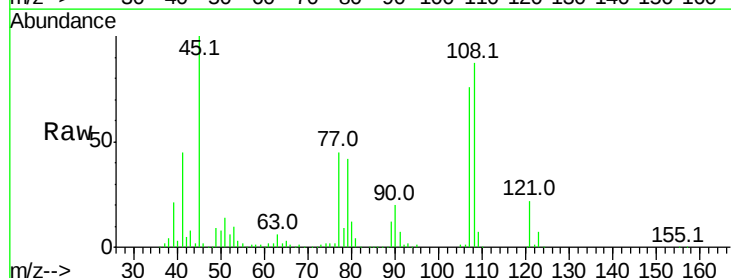
Tgt Ion: 45 Resp: 527589

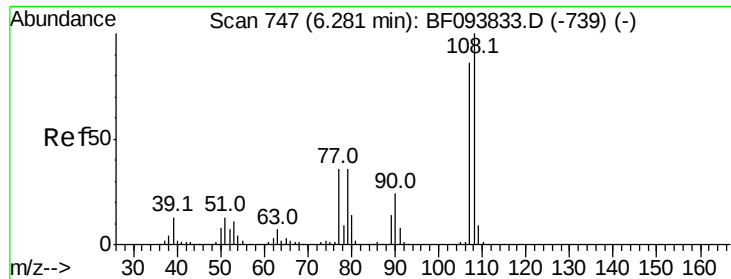
Ion Ratio Lower Upper

45 100

77 44.9 0.0 33.2#

79 42.1 0.0 30.0#

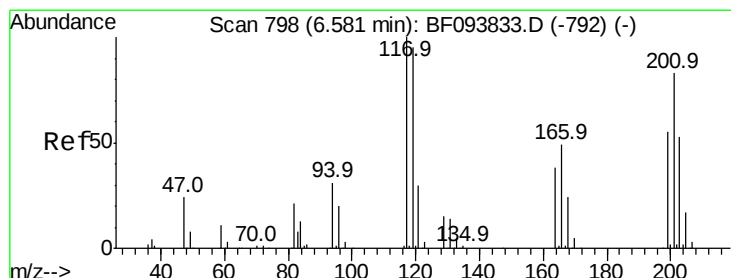
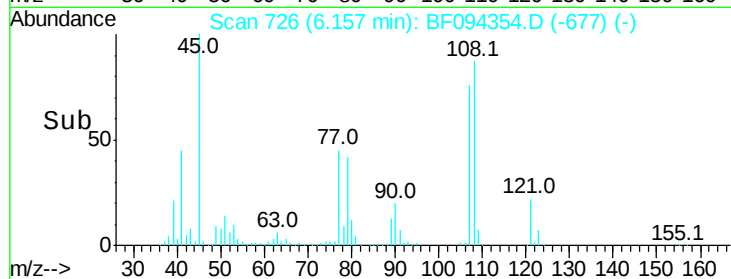
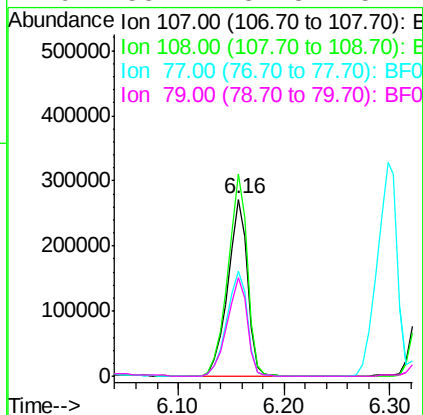
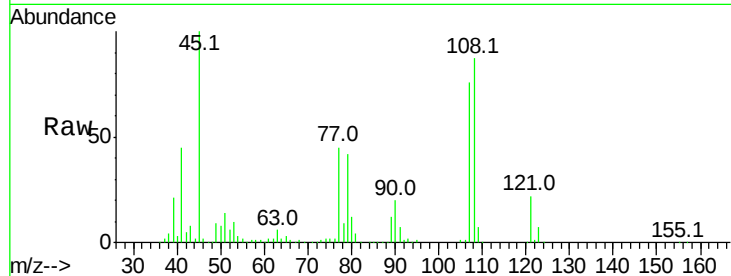




#17
2-Methylphenol
Concen: 41.30 ng
RT: 6.16 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

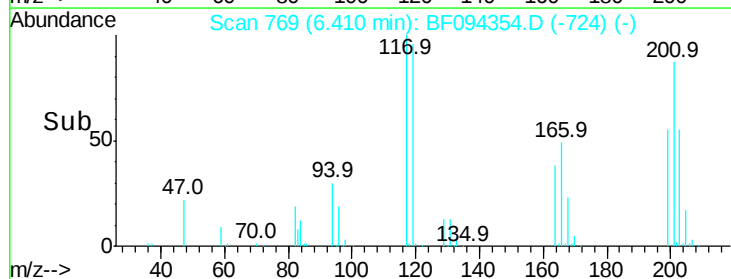
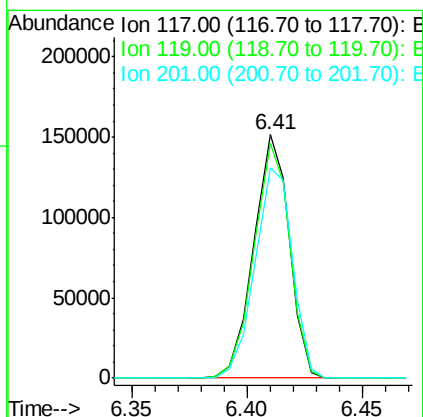
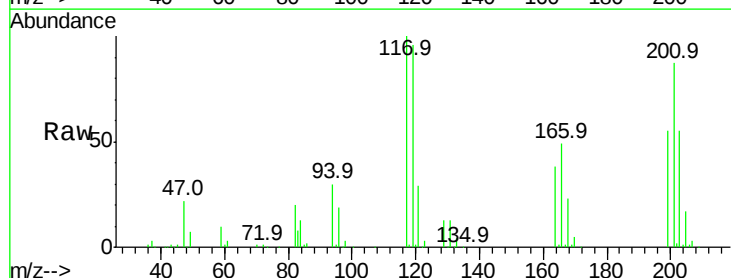
Instrument :
BNA_F
ClientSampleId :

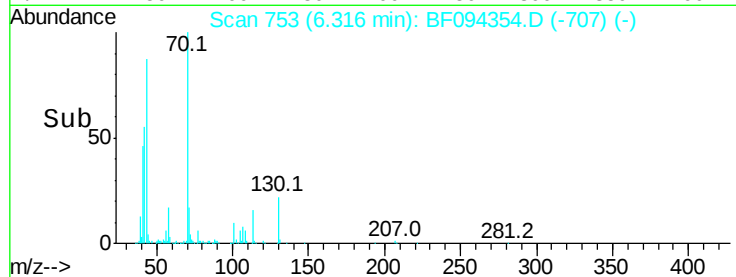
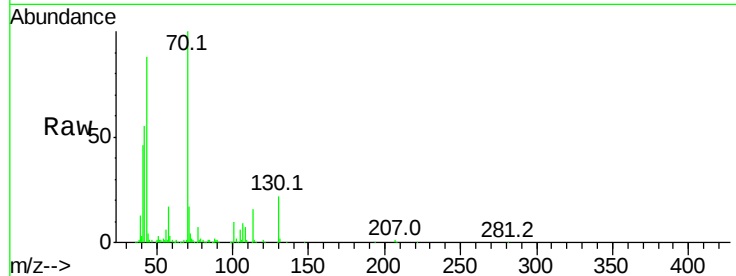
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.2	93.4	140.0
77	59.1	35.8	53.6#
79	55.4	34.8	52.2#



#18
Hexachloroethane
Concen: 41.23 ng
RT: 6.41 min Scan# 769
Delta R.T. -0.04 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.0
201	86.6	94.6	141.8#

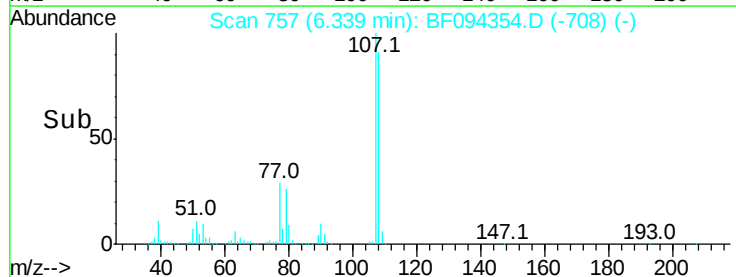
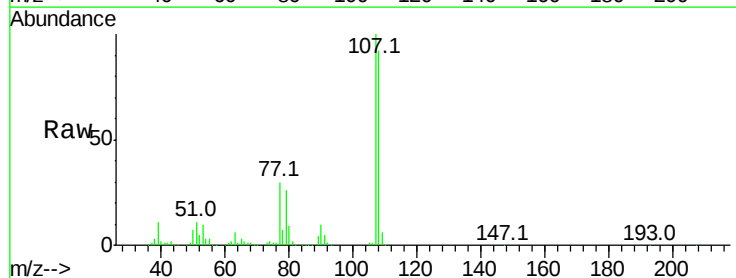
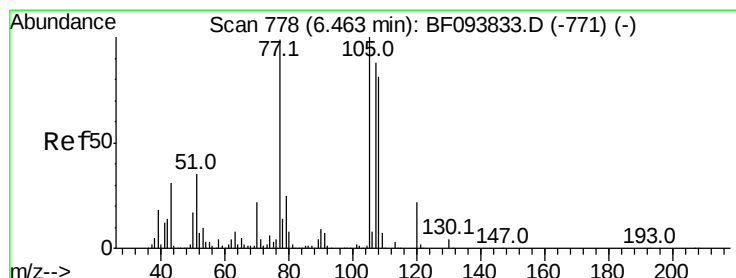
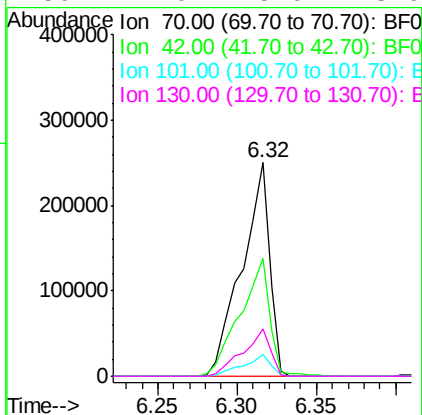




#19
n-Nitroso-di-n-propylamine
Concen: 42.57 ng
RT: 6.32 min Scan# 753
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

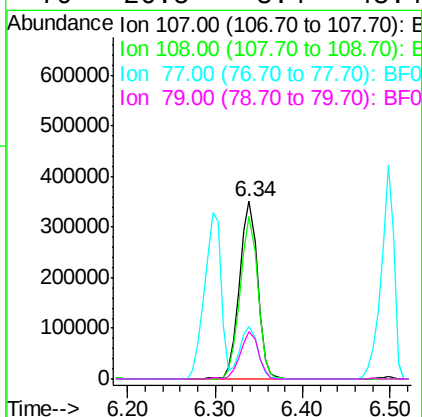
Instrument :
BNA_F
ClientSampleId :

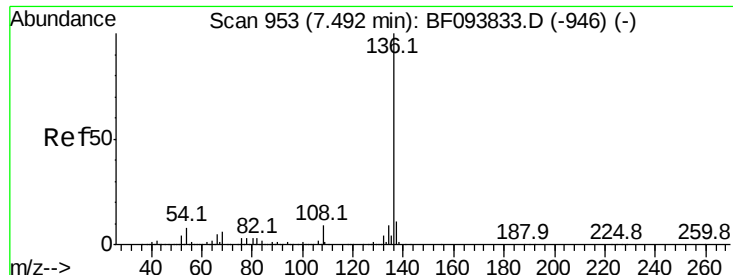
Tot Ion:	70	Resp:	302912
Ion	Ratio	Lower	Upper
70	100		
42	55.1	47.2	70.8
101	10.1	7.2	10.8
130	22.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 47.88 ng
RT: 6.34 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion:	107	Resp:	488498
Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.0	111.0
77	29.6	90.5	130.5#
79	26.5	8.4	48.4

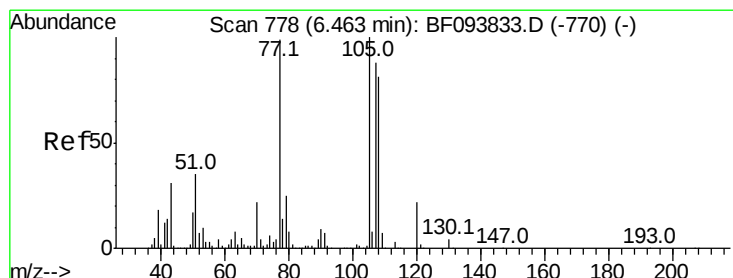
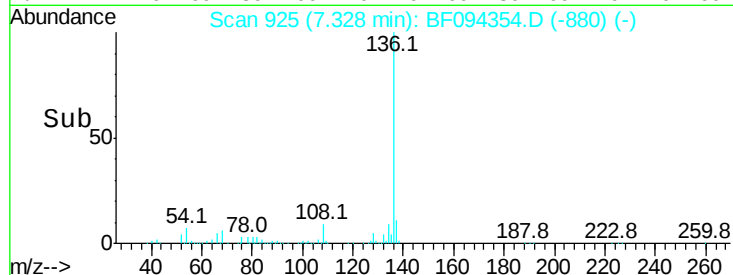
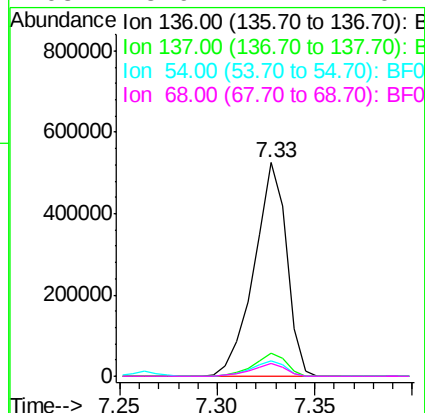
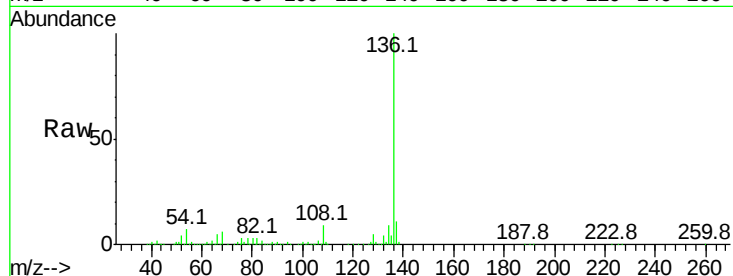




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.33 min Scan# 925
Delta R.T. -0.04 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

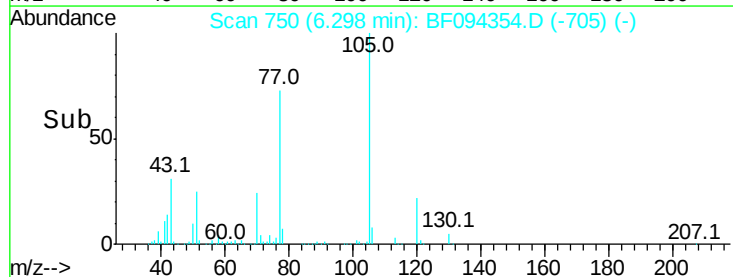
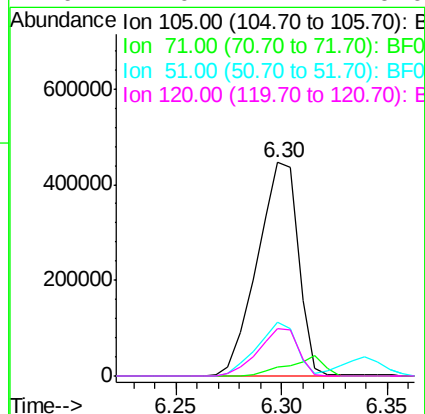
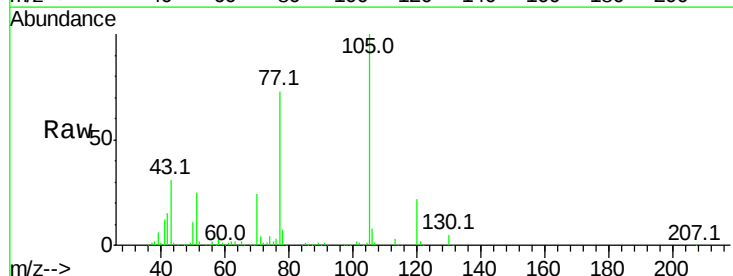
Instrument :
BNA_F
ClientSampleId :

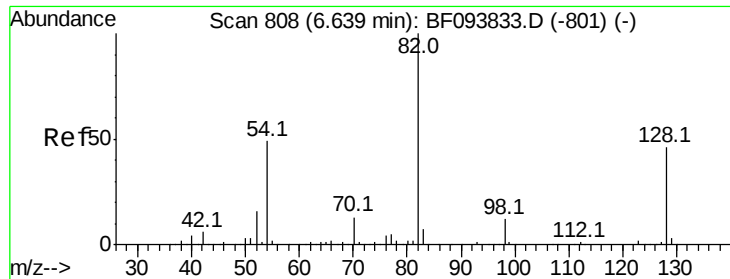
Tot Ion:136	Resp: 605860
Ion Ratio	Lower Upper
136 100	
137 10.9	8.5 12.7
54 7.3	4.9 7.3
68 5.9	4.1 6.1



#22
Acetophenone
Concen: 44.60 ng
RT: 6.30 min Scan# 750
Delta R.T. -0.04 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt	Ion:105	Resp:	602294
Ion	Ratio	Lower	Upper
105	100		
71	4.2	2.8	4.2
51	25.3	30.7	46.1#
120	22.0	17.4	26.0

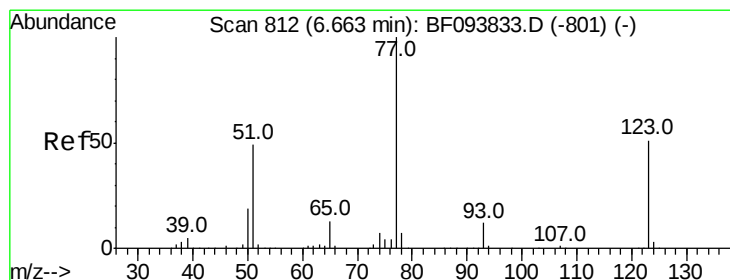
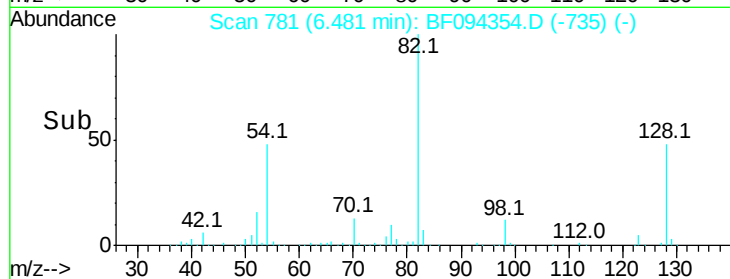
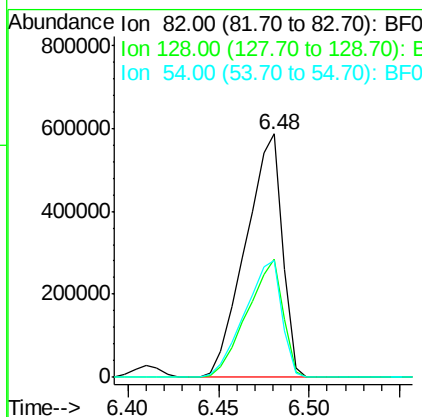
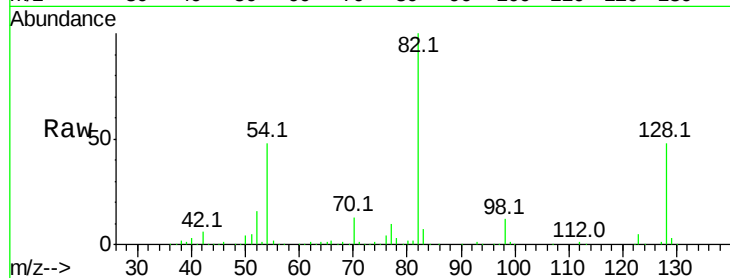




#23
 Nitrobenzene-d5
 Concen: 77.85 ng
 RT: 6.48 min Scan# 781
 Delta R.T. -0.03 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

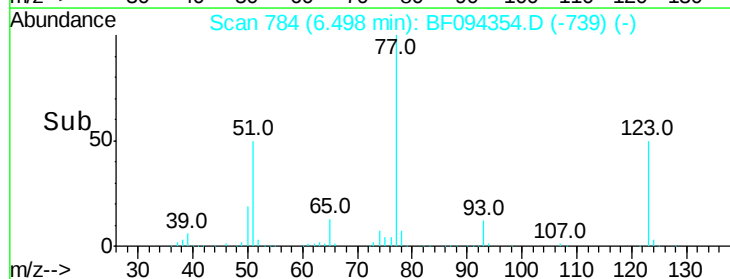
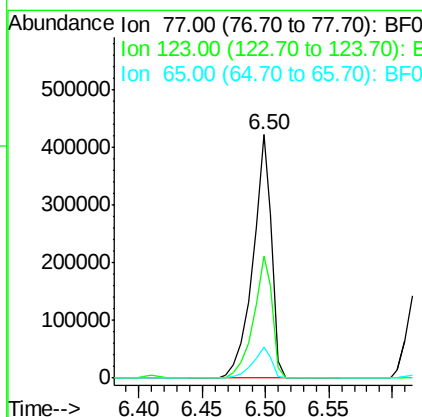
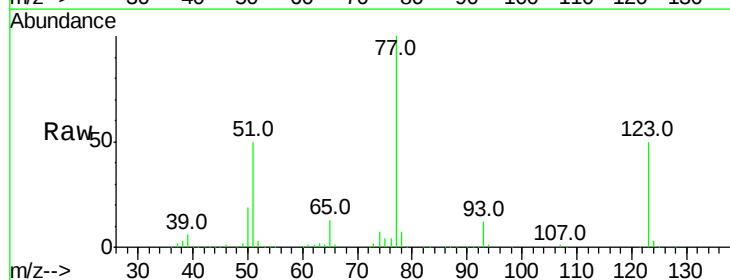
Instrument :
 BNA_F
 ClientSampleId :

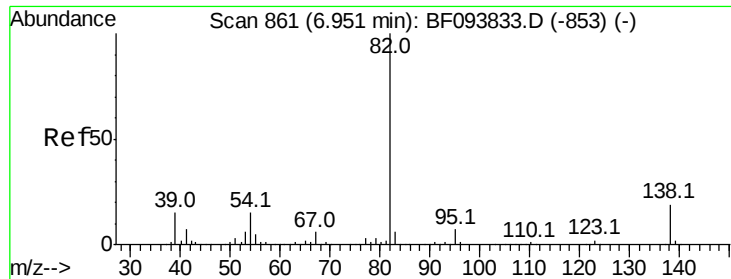
Tot Ion: 82 Resp: 826429
 Ion Ratio Lower Upper
 82 100
 128 48.5 34.0 51.0
 54 48.1 42.2 63.2



#24
 Nitrobenzene
 Concen: 41.24 ng
 RT: 6.50 min Scan# 784
 Delta R.T. -0.04 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion: 77 Resp: 431835
 Ion Ratio Lower Upper
 77 100
 123 49.9 35.8 53.8
 65 12.9 10.6 15.8





#25

Isophorone

Concen: 41.62 ng

RT: 6.79 min Scan# 833

Delta R.T. -0.04 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

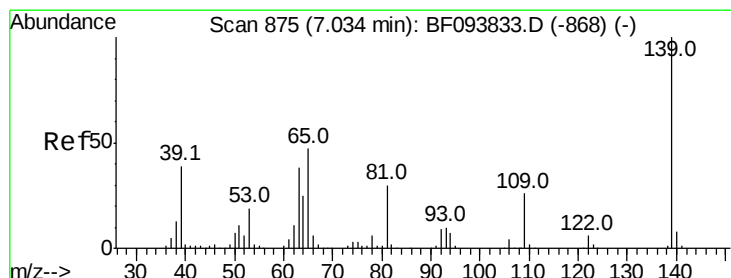
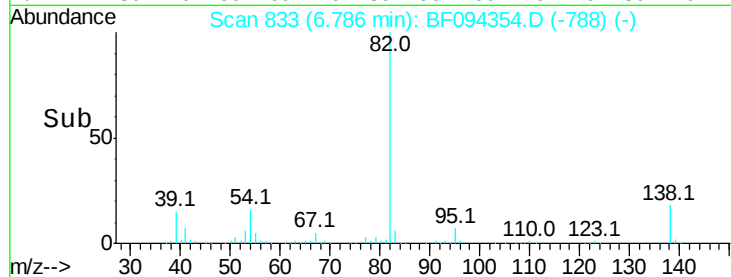
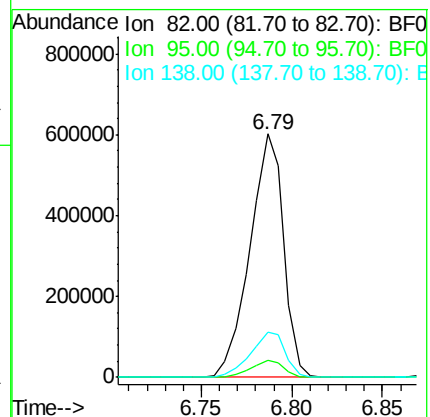
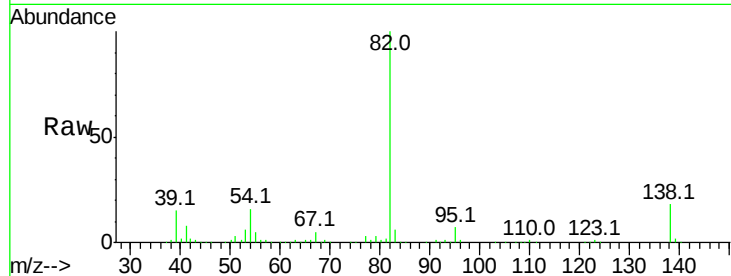
Tot Ion: 82 Resp: 776329

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.4 13.1 19.7



#26

2-Nitrophenol

Concen: 49.24 ng

RT: 6.87 min Scan# 848

Delta R.T. -0.03 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

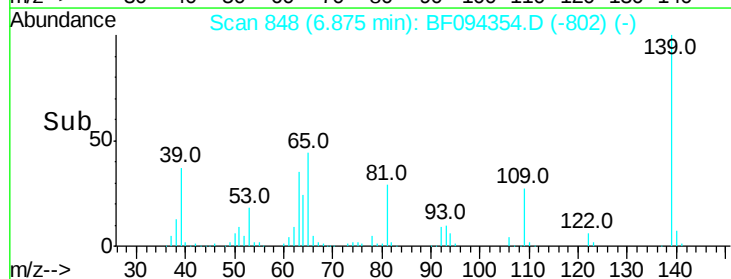
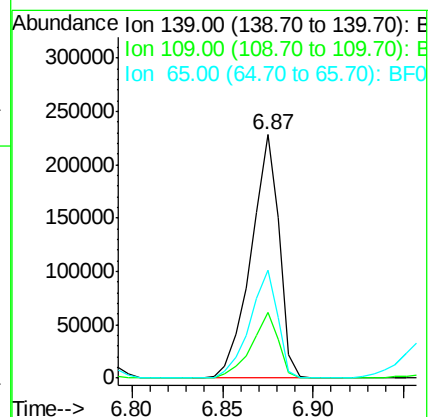
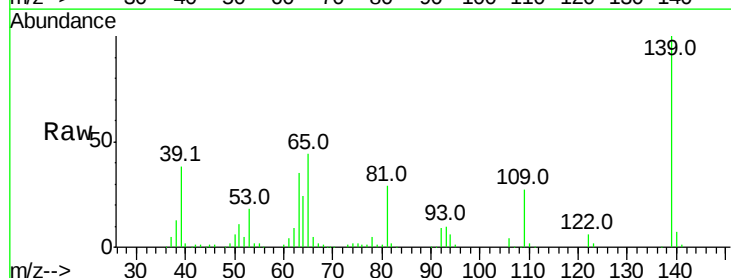
Tgt Ion:139 Resp: 245880

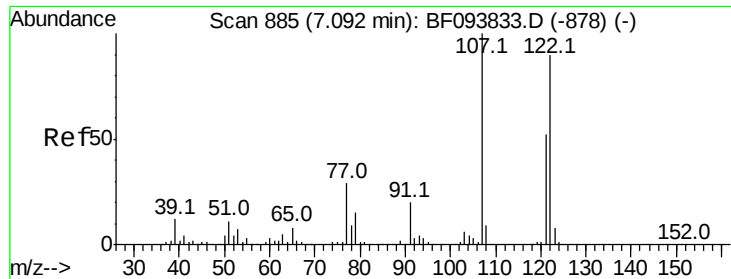
Ion Ratio Lower Upper

139 100

109 26.7 21.0 31.6

65 44.4 33.0 49.6

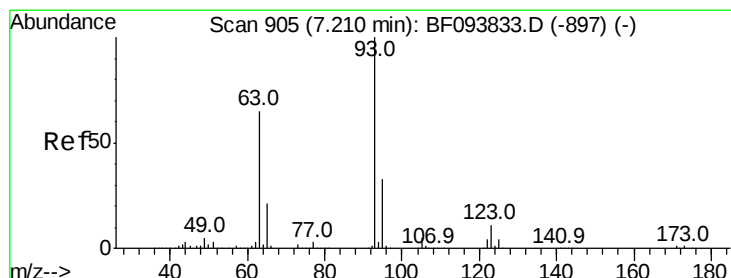
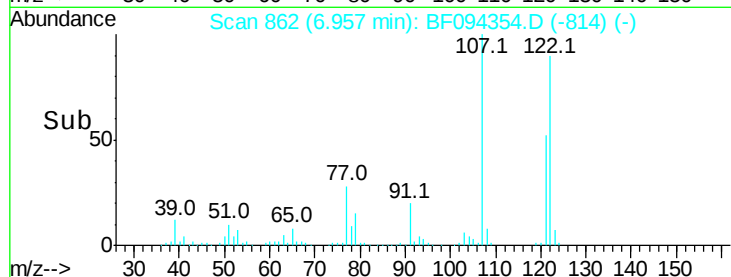
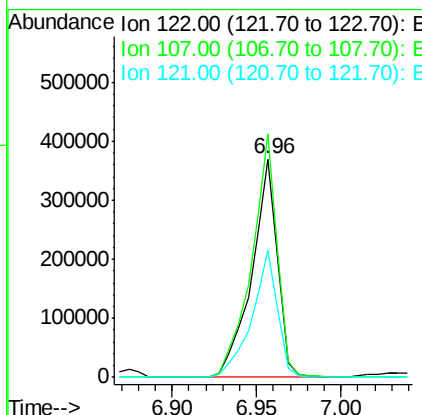
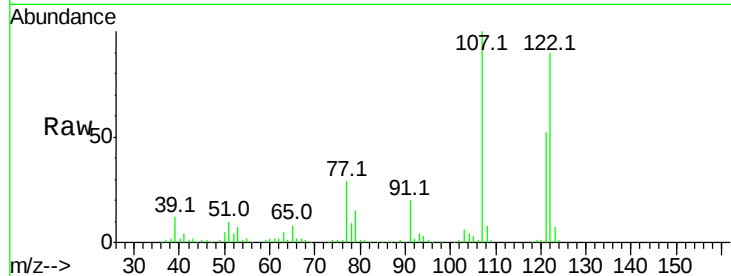




#27
 2,4-Dimethylphenol
 Concen: 45.84 ng
 RT: 6.96 min Scan# 862
 Delta R.T. -0.02 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

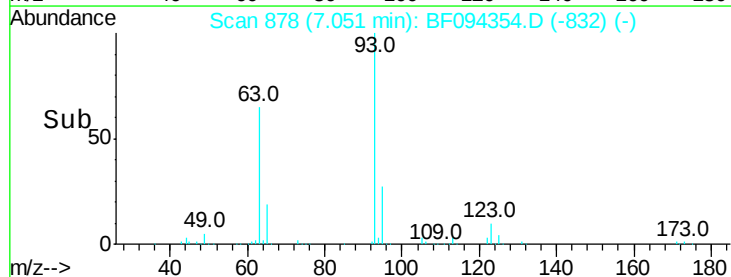
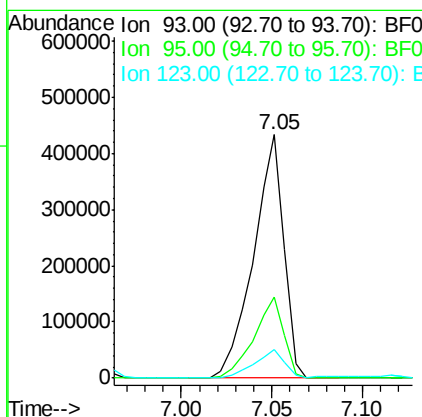
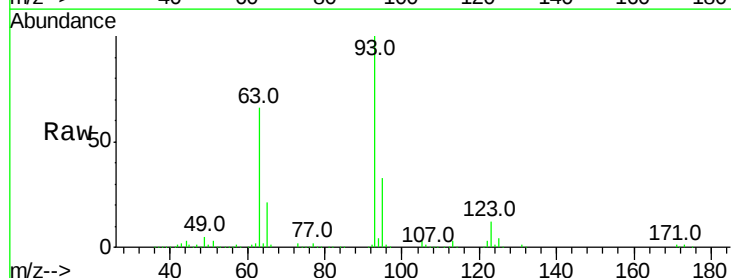
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 394407
 Ion Ratio Lower Upper
 122 100
 107 111.4 89.2 133.8
 121 58.1 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.81 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.03 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion: 93 Resp: 502071
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.5 39.7
 123 11.5 9.0 13.4

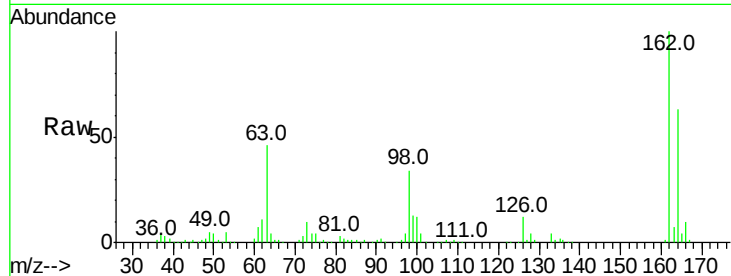




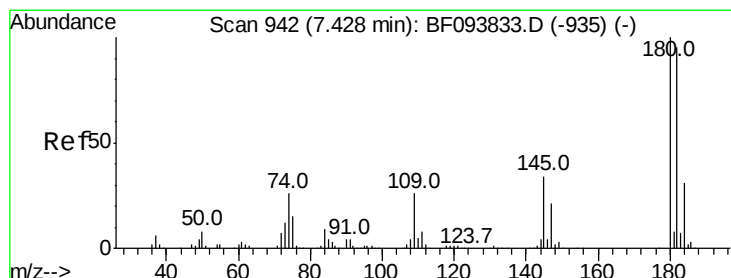
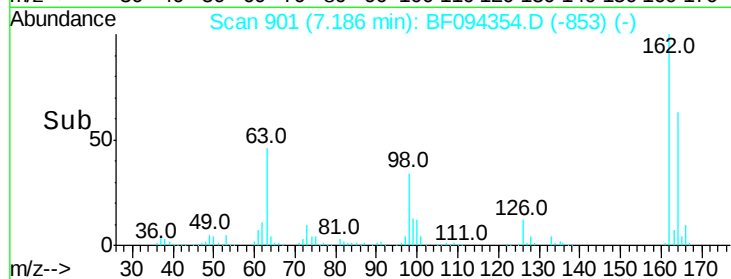
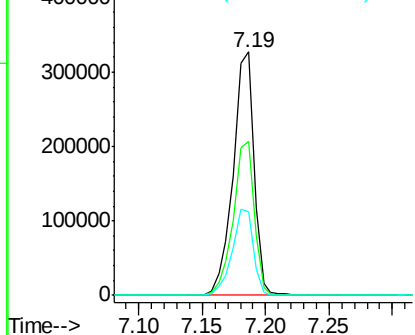
#29
 2,4-Dichlorophenol
 Concen: 46.23 ng
 RT: 7.19 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.6	84.6
98	34.3	14.8	54.8

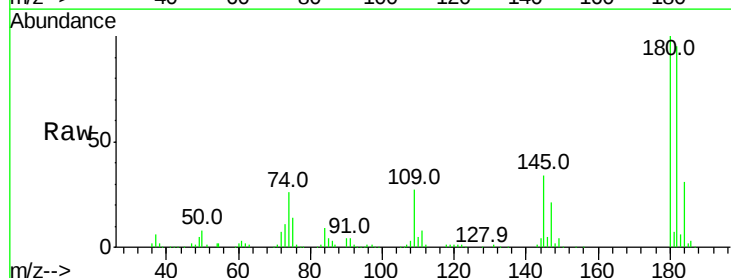


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

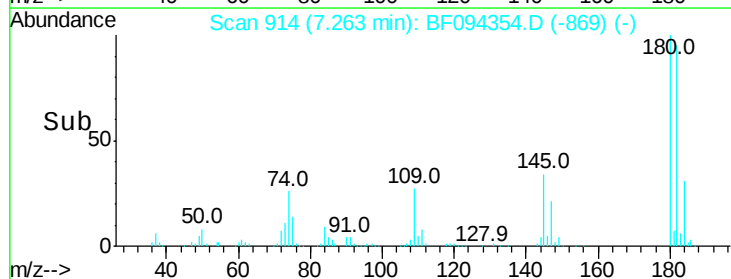
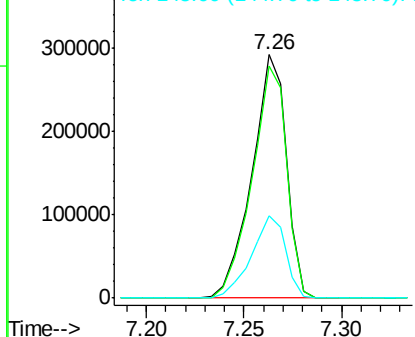


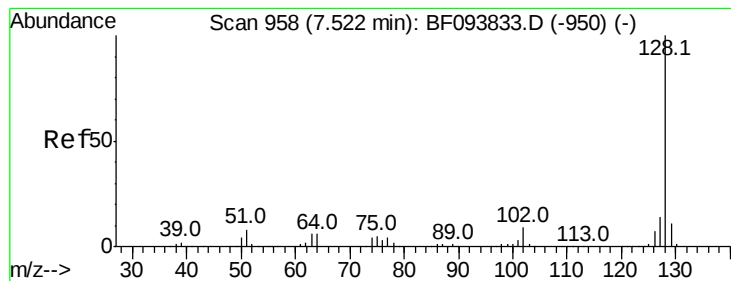
#30
 1,2,4-Trichlorobenzene
 Concen: 43.06 ng
 RT: 7.26 min Scan# 914
 Delta R.T. -0.04 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.8	113.6
145	34.1	25.3	37.9



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





#31

Naphthalene

Concen: 41.70 ng

RT: 7.36 min Scan# 930

Delta R.T. -0.03 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

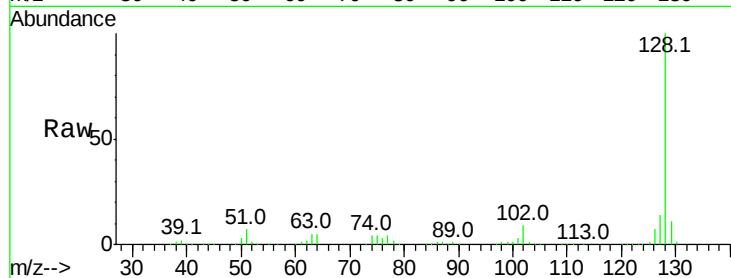
Tot Ion:128 Resp: 1214706

Ion Ratio Lower Upper

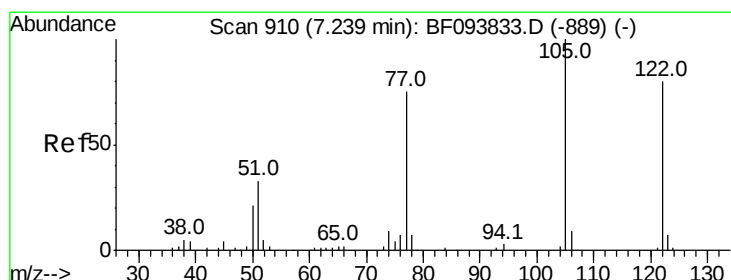
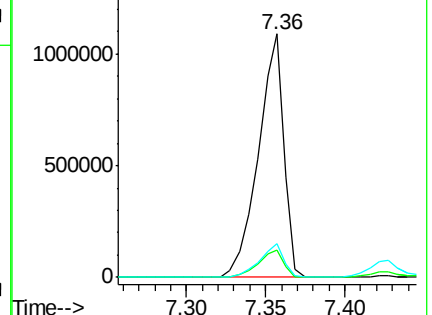
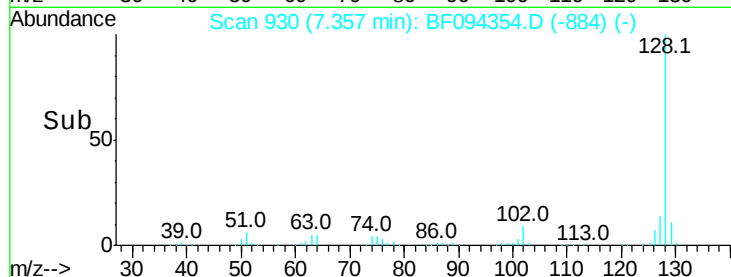
128 100

129 11.0 9.0 13.6

127 13.6 10.8 16.2



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



#32

Benzoic acid

Concen: 29.13 ng

RT: 7.12 min Scan# 890

Delta R.T. -0.02 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

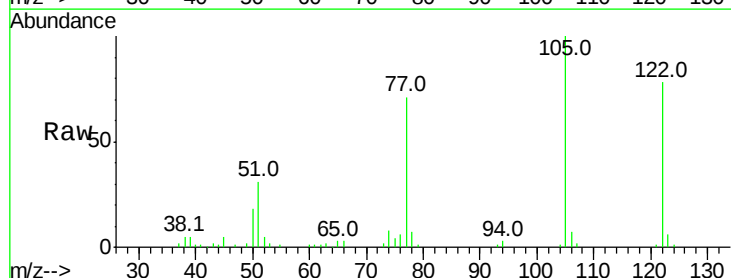
Tgt Ion:122 Resp: 166820

Ion Ratio Lower Upper

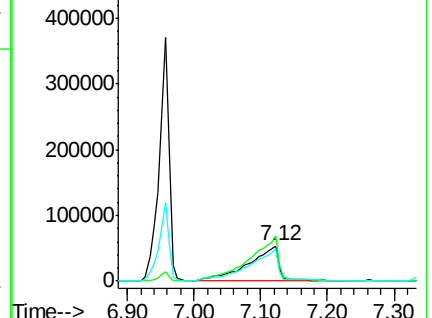
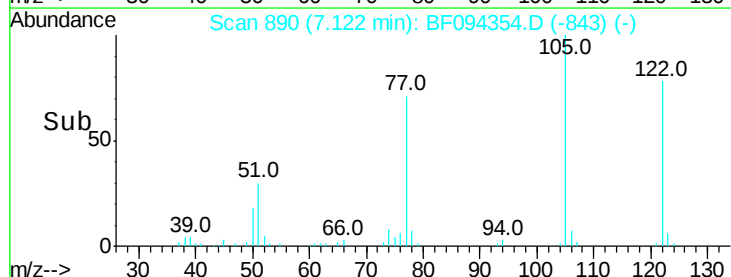
122 100

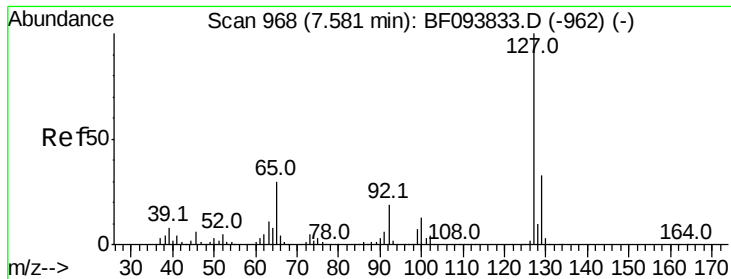
105 127.8 103.3 143.3

77 90.9 73.7 113.7



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

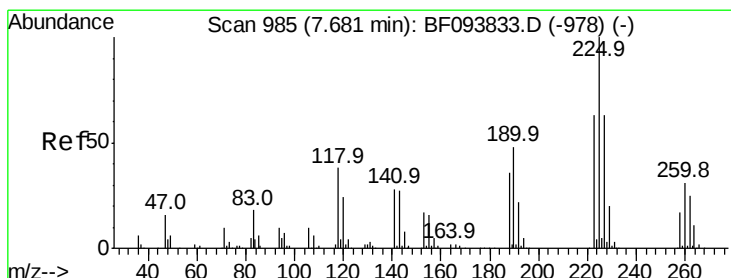
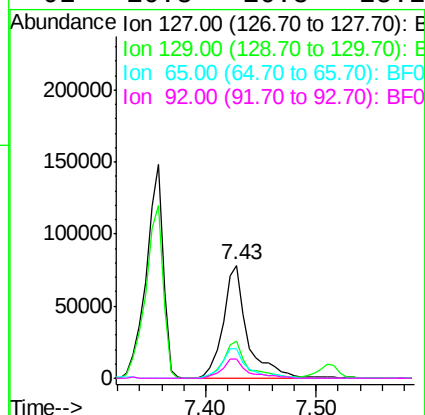
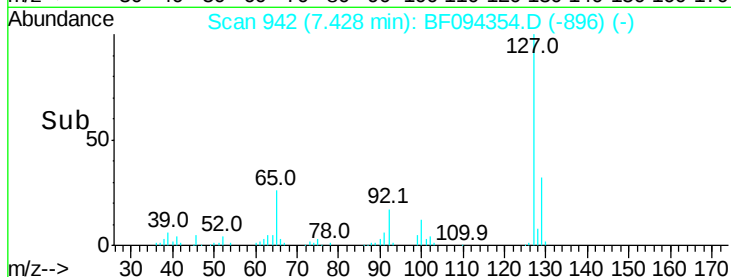
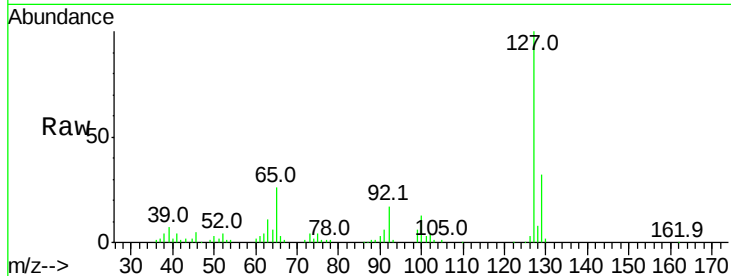




#33
4-Chloroaniline
Concen: 9.99 ng
RT: 7.43 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

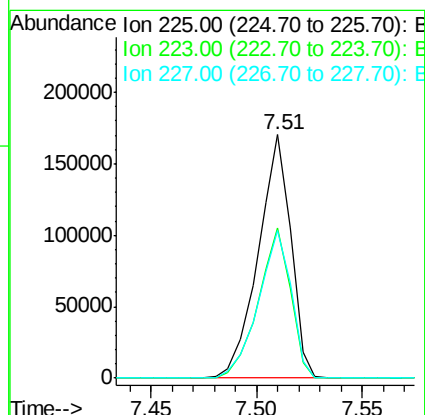
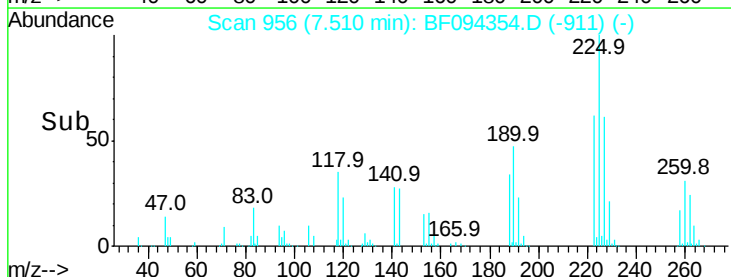
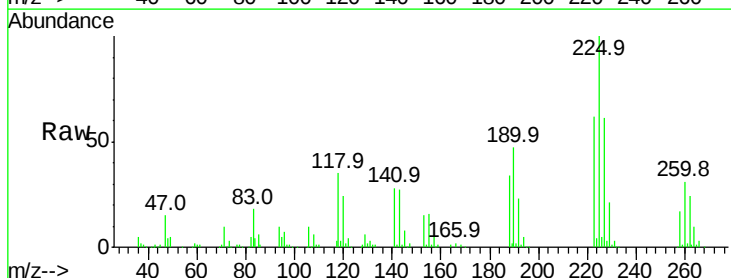
Instrument :
BNA_F
ClientSampleId :

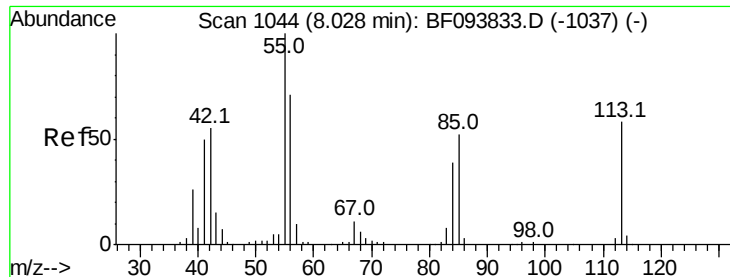
Tot Ion:	127	Resp:	117994
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	26.0	27.8	41.8#
92	16.8	16.8	25.2



#34
Hexachlorobutadiene
Concen: 42.94 ng
RT: 7.51 min Scan# 956
Delta R.T. -0.04 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion:	225	Resp:	182431
Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.8	73.2
227	60.5	51.1	76.7





#35

Caprolactam

Concen: 24.18 ng

RT: 7.87 min Scan# 1018

Delta R.T. -0.04 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

ClientSampled :

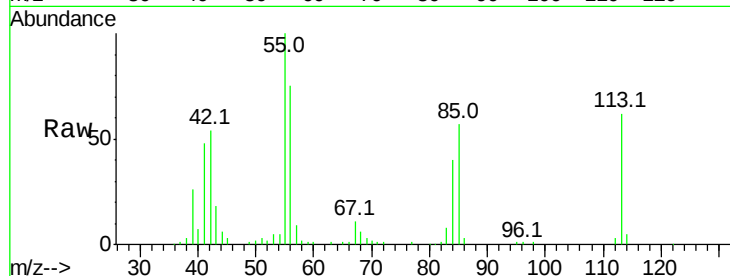
Tot Ion:113 Resp: 62032

Ion Ratio Lower Upper

113 100

55 160.1 150.2 190.2

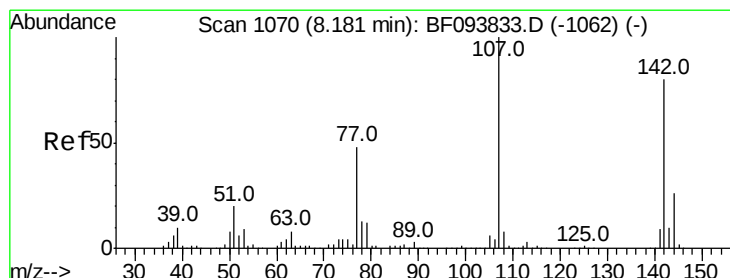
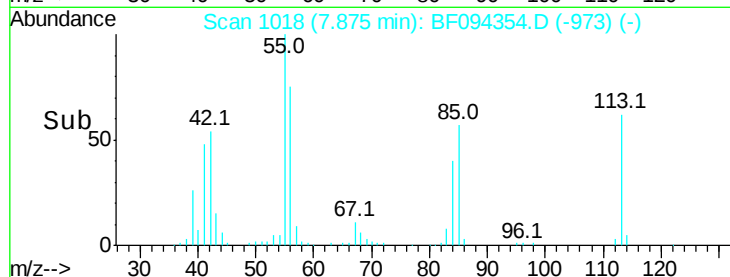
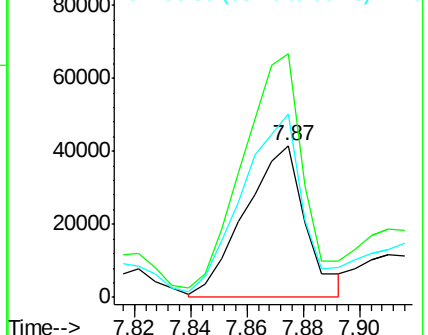
56 120.8 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 46.35 ng

RT: 8.06 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

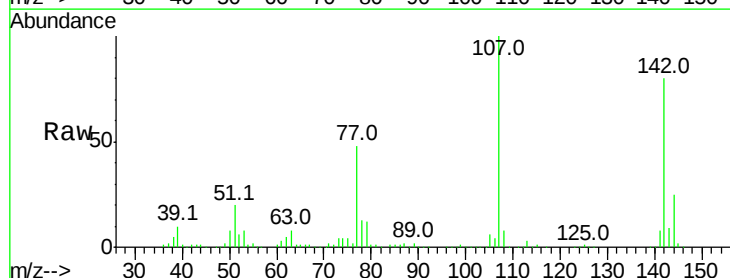
Tgt Ion:107 Resp: 389622

Ion Ratio Lower Upper

107 100

144 25.4 24.2 36.4

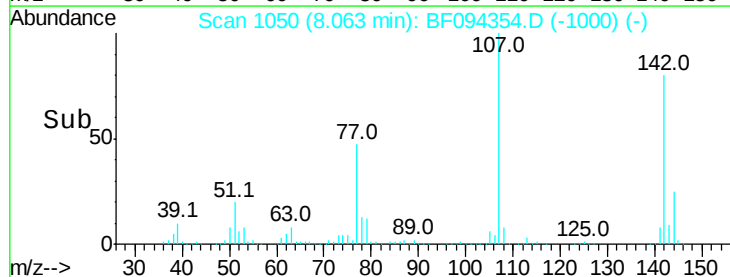
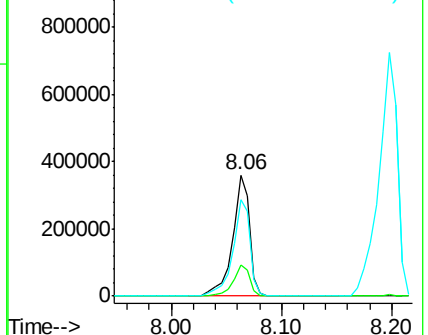
142 79.7 73.4 110.0

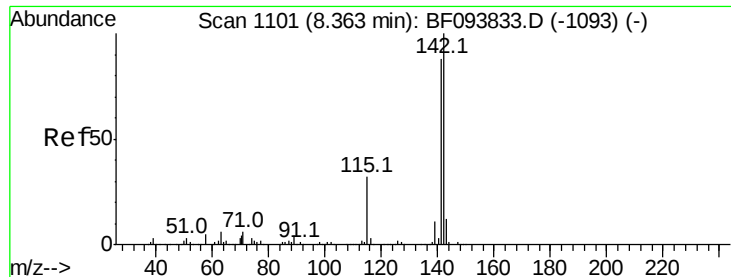


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.07 ng

RT: 8.20 min Scan# 1073

Delta R.T. -0.03 min

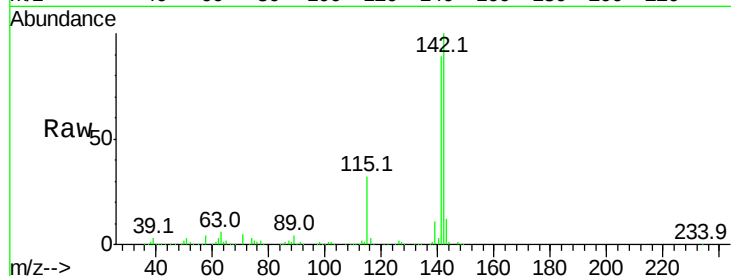
Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 855837

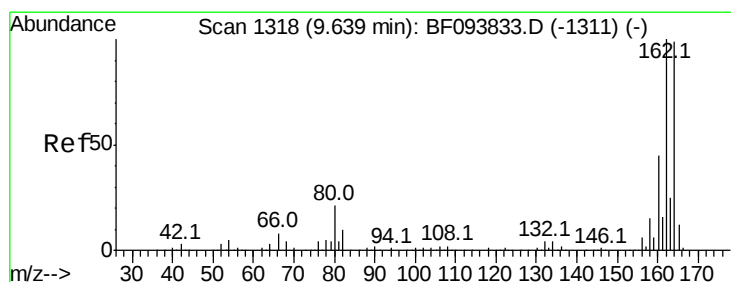
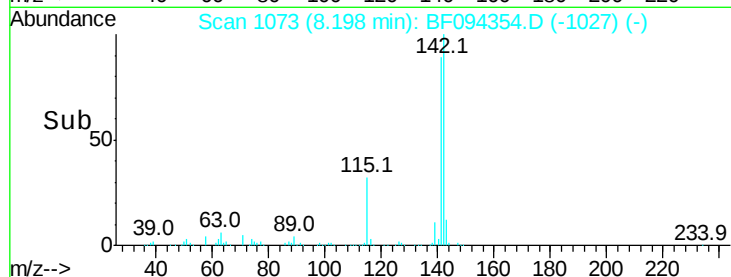
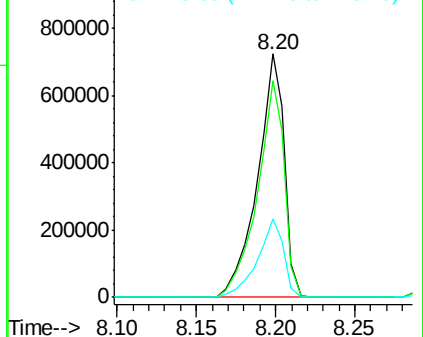
Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	32.2	27.1	40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.47 min Scan# 1289

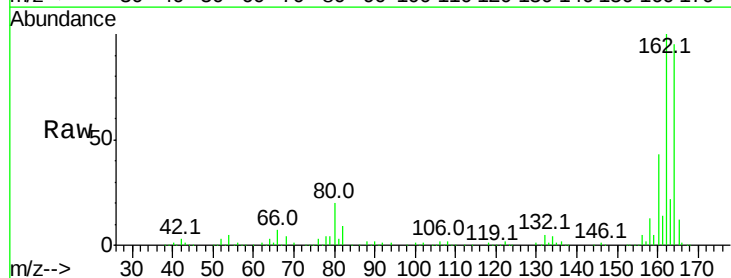
Delta R.T. -0.03 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Tgt Ion:164 Resp: 277960

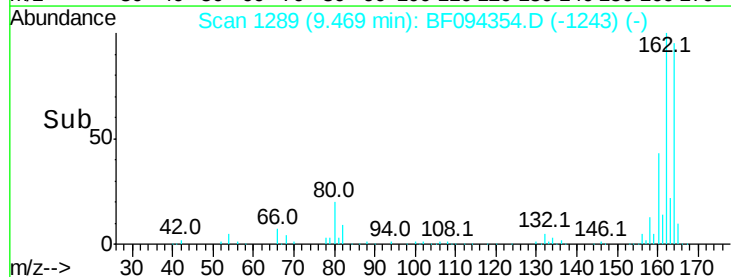
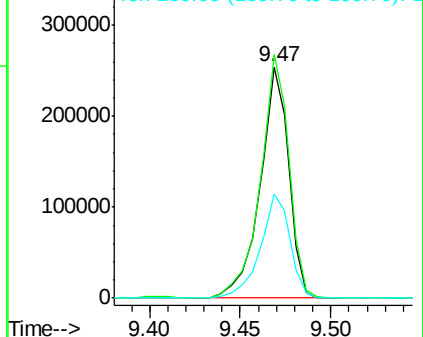
Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.6	123.8
160	45.0	36.2	54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.48 ng

RT: 8.40 min Scan# 1108

Delta R.T. -0.03 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 315397

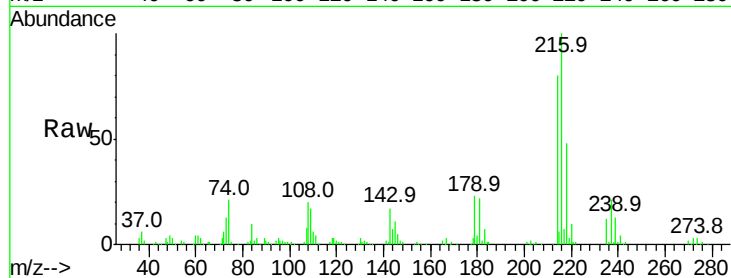
Ion Ratio Lower Upper

216 100

214 78.0 63.4 95.2

179 22.0 17.9 26.9

108 21.6 16.5 24.7

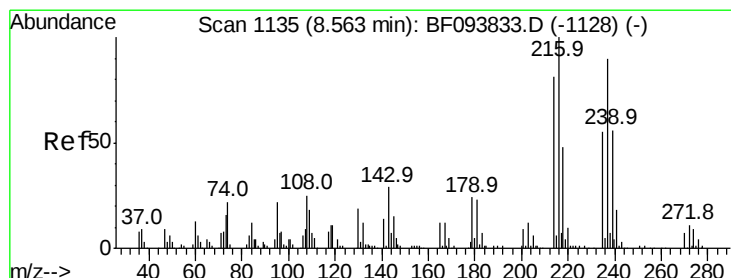
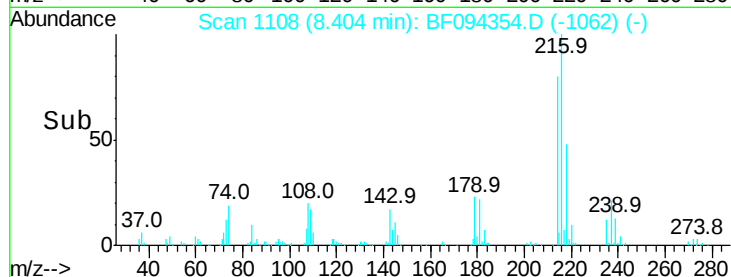
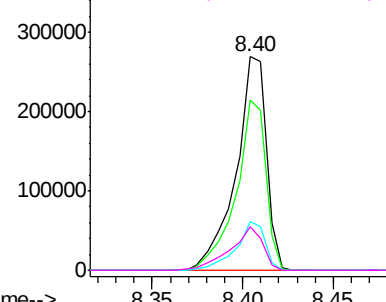


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 83.78 ng

RT: 8.39 min Scan# 1106

Delta R.T. -0.03 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

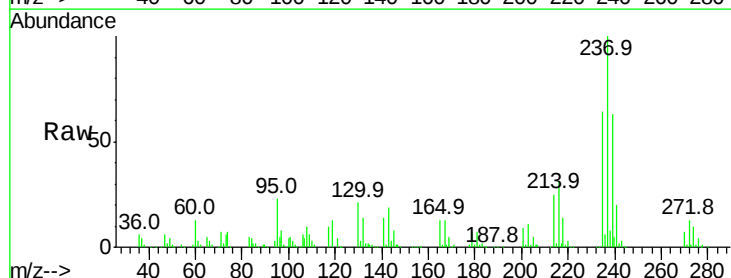
Tgt Ion:237 Resp: 298127

Ion Ratio Lower Upper

237 100

235 63.7 42.6 82.6

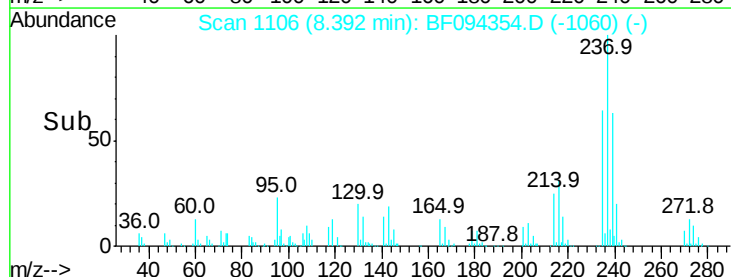
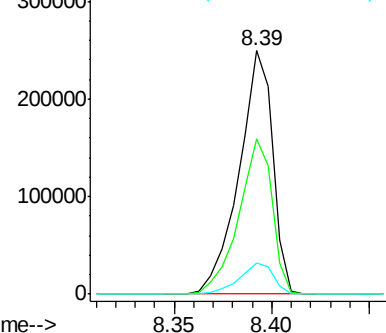
272 12.9 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

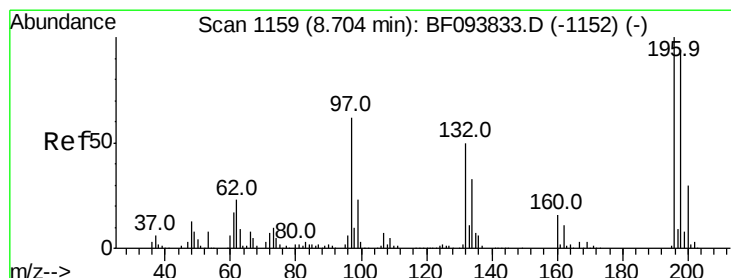
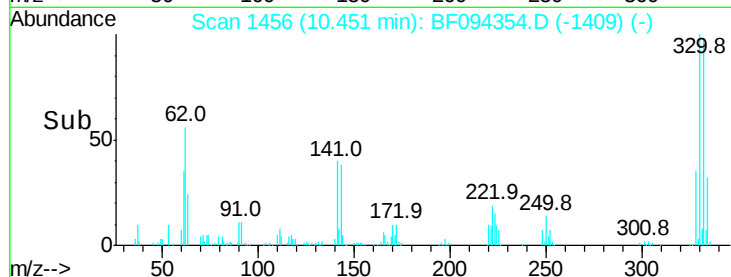
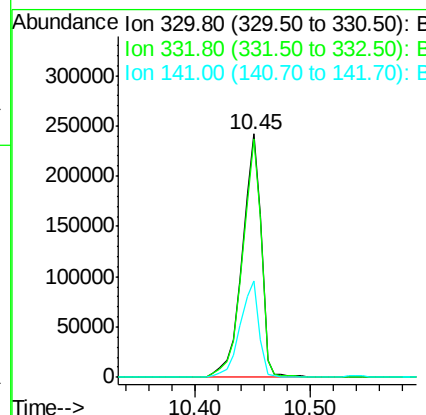
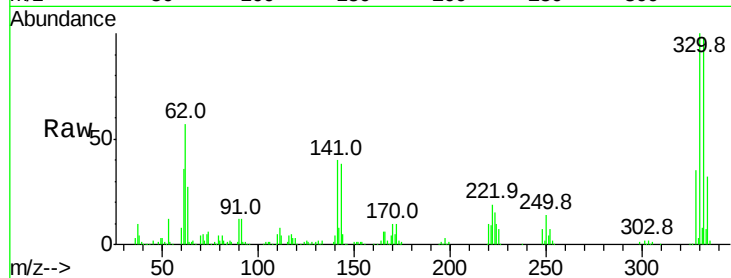




#41
 2,4,6-Tribromophenol
 Concen: 125.55 ng
 RT: 10.45 min Scan# 1456
 Delta R.T. -0.02 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

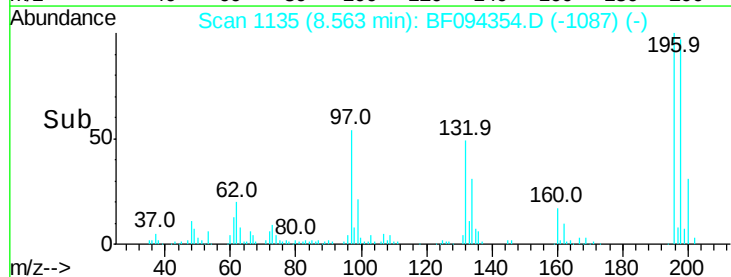
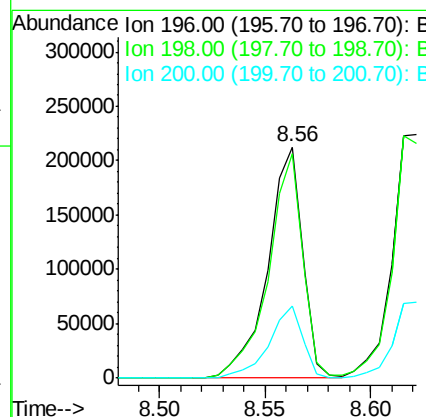
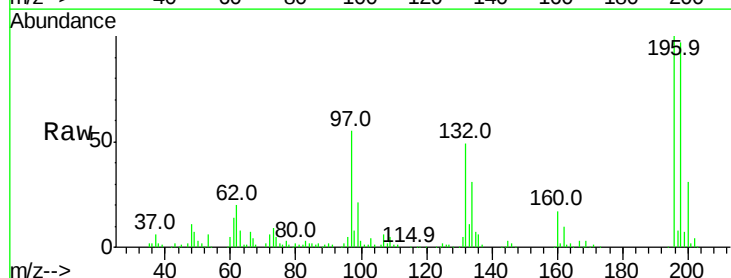
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 275767
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 39.8 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 45.48 ng
 RT: 8.56 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion:196 Resp: 244661
 Ion Ratio Lower Upper
 196 100
 198 97.2 74.2 111.4
 200 31.0 24.0 36.0

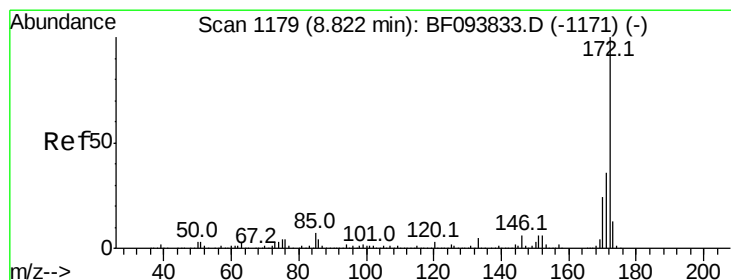
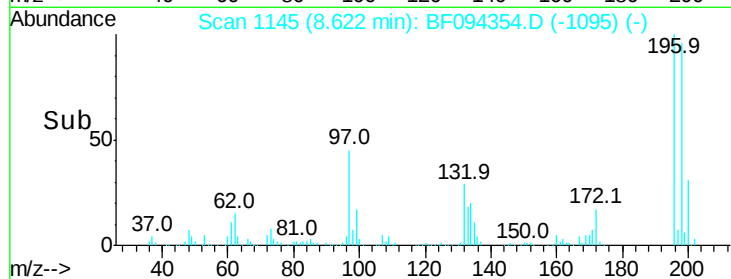
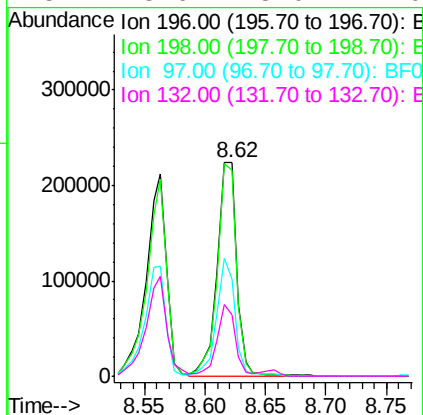
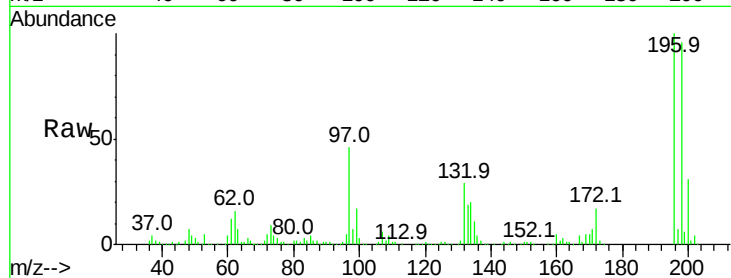




#43
 2,4,5-Trichlorophenol
 Concen: 42.87 ng
 RT: 8.62 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

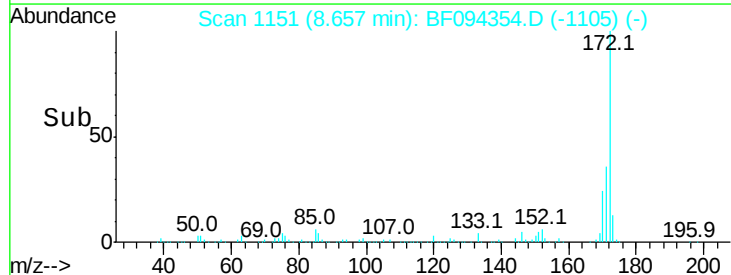
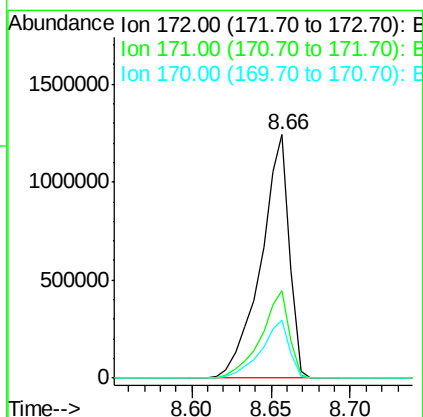
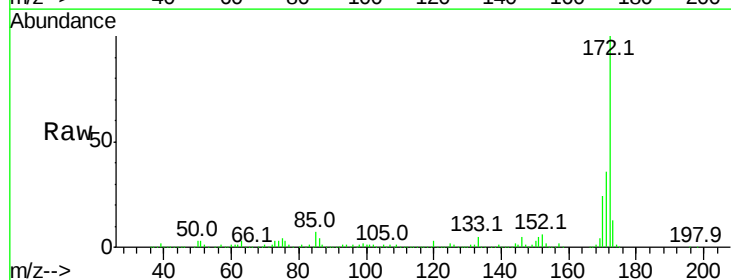
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	249556
Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.7	113.5
97	45.5	47.7	71.5#
132	28.6	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 85.00 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion:	172	Resp:	1549086
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.1	19.8	29.8

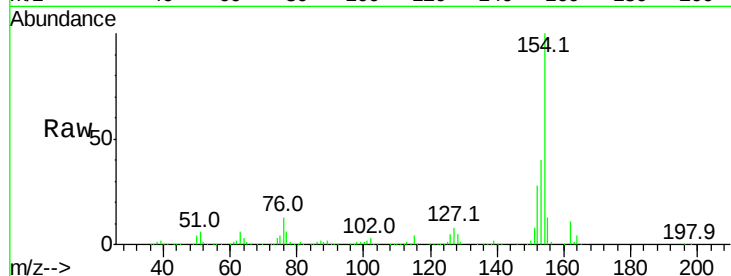




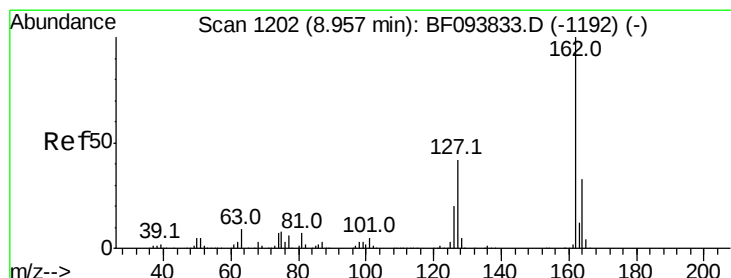
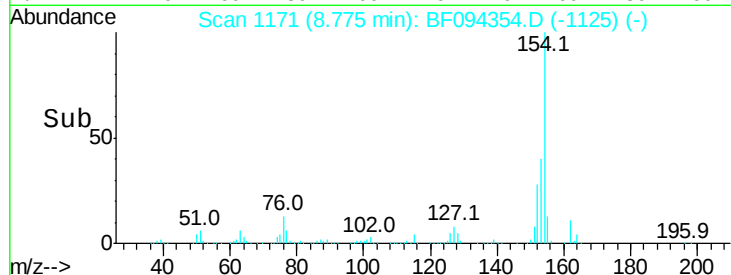
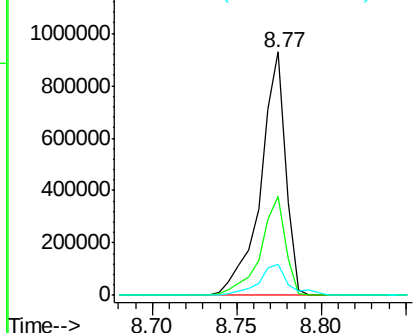
#45
 1,1'-Biphenyl
 Concen: 42.42 ng
 RT: 8.77 min Scan# 1171
 Delta R.T. -0.03 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 951145
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.2 61.2
 76 12.7 0.0 29.9

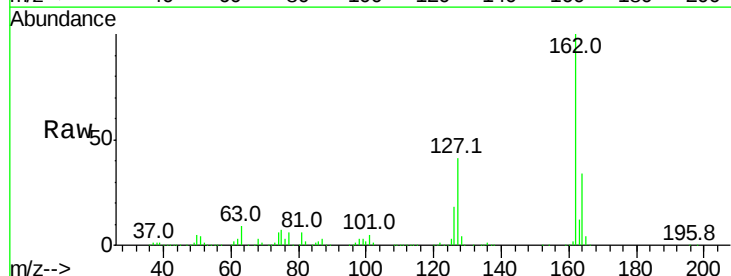


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

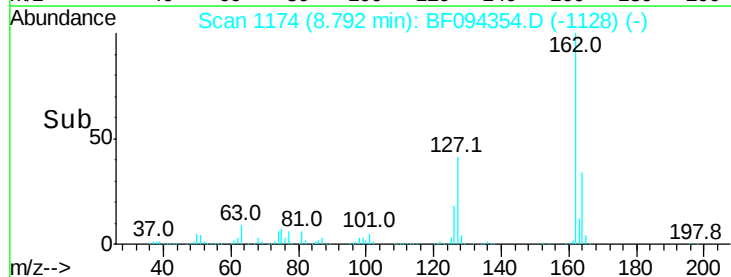
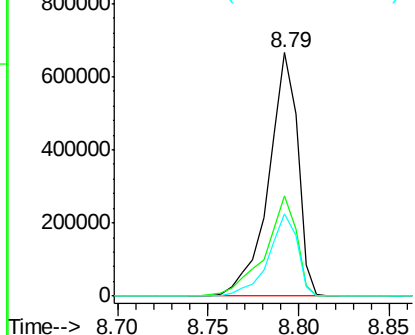


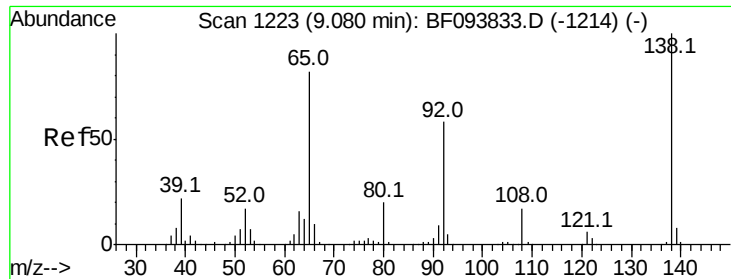
#46
 2-Chloronaphthalene
 Concen: 42.45 ng
 RT: 8.79 min Scan# 1174
 Delta R.T. -0.03 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion:162 Resp: 744941
 Ion Ratio Lower Upper
 162 100
 127 41.3 28.3 42.5
 164 33.7 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

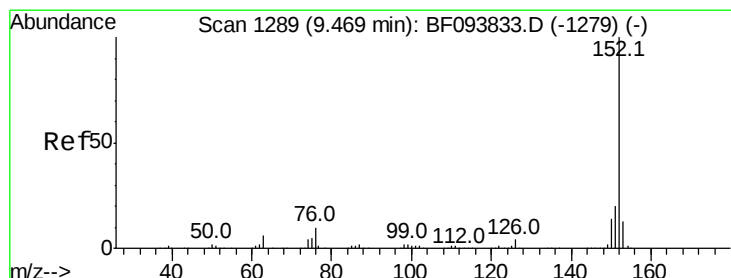
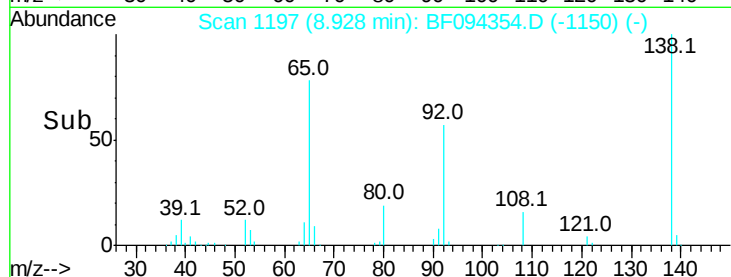
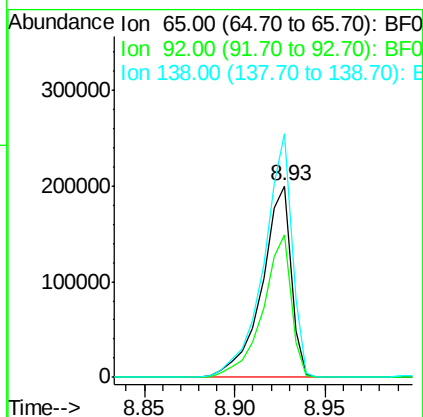
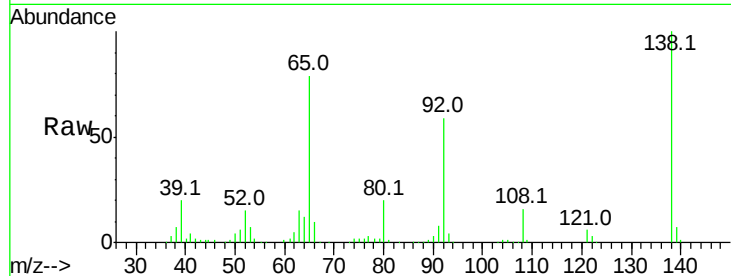




#47
2-Nitroaniline
Concen: 43.10 ng
RT: 8.93 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

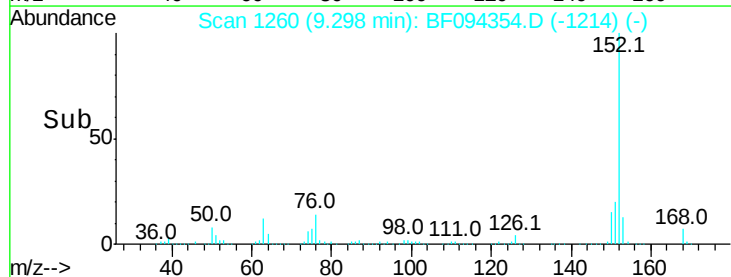
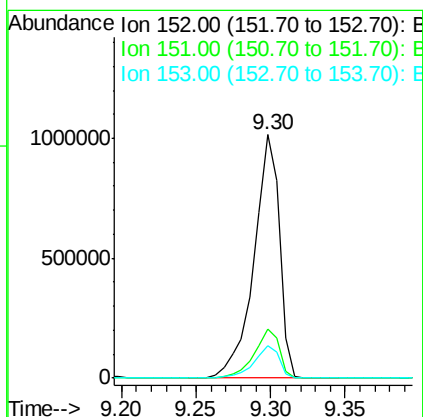
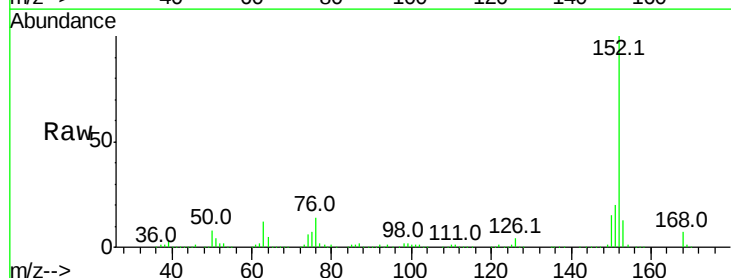
Instrument :
BNA_F
ClientSampleId :

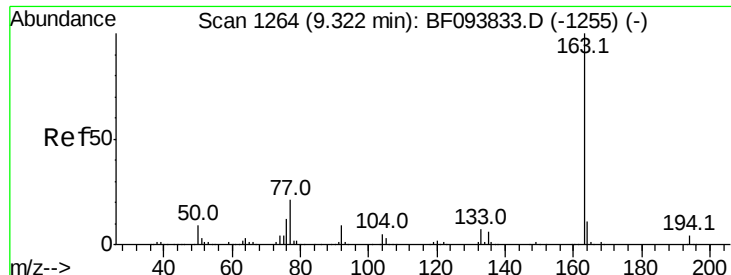
Tot Ion: 65 Resp: 224402
Ion Ratio Lower Upper
65 100
92 74.7 53.9 80.9
138 127.0 78.8 118.2#



#48
Acenaphthylene
Concen: 40.74 ng
RT: 9.30 min Scan# 1260
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion:152 Resp: 1188369
Ion Ratio Lower Upper
152 100
151 20.2 16.8 25.2
153 13.3 10.8 16.2

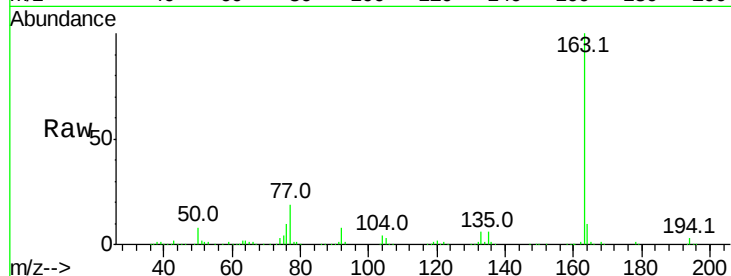




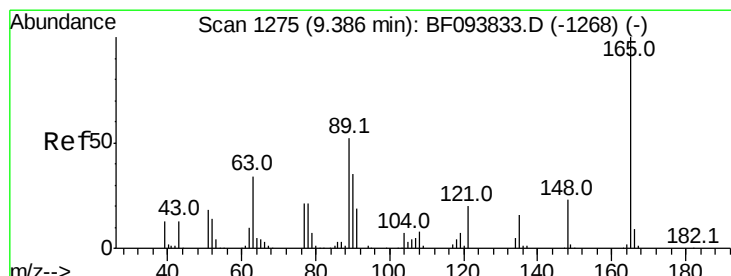
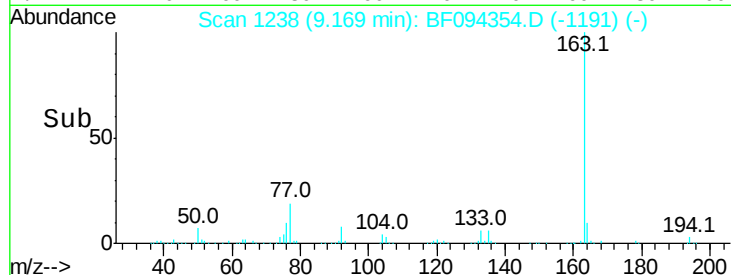
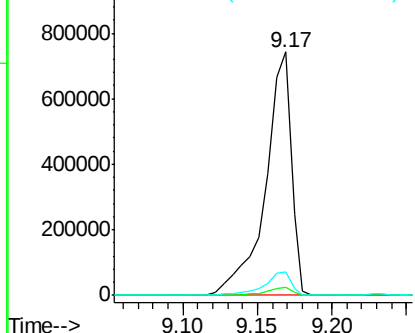
#49
Dimethylphthalate
Concen: 45.33 ng
RT: 9.17 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 895636
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.7 8.4 12.6

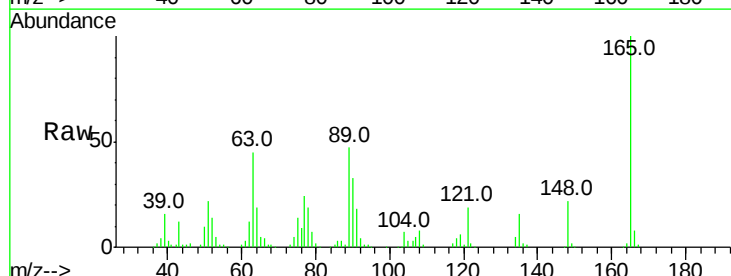


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

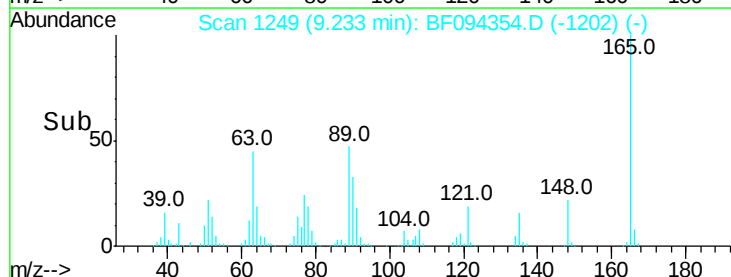
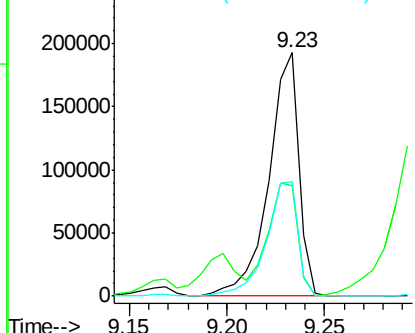


#50
2,6-Dinitrotoluene
Concen: 45.55 ng
RT: 9.23 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion:165 Resp: 206311
Ion Ratio Lower Upper
165 100
63 45.2 34.3 51.5
89 47.1 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: 41.88 ng

RT: 9.51 min Scan# 1296

Delta R.T. -0.04 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

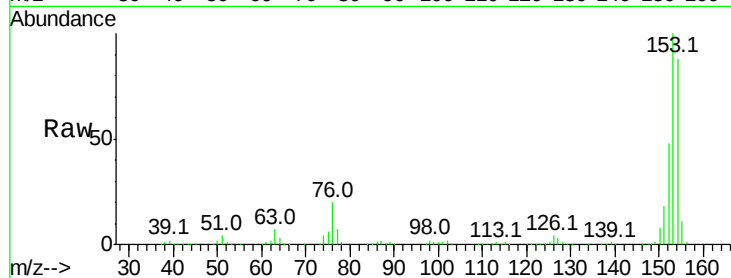
Tot Ion:154 Resp: 712794

Ion Ratio Lower Upper

154 100

153 113.4 90.5 135.7

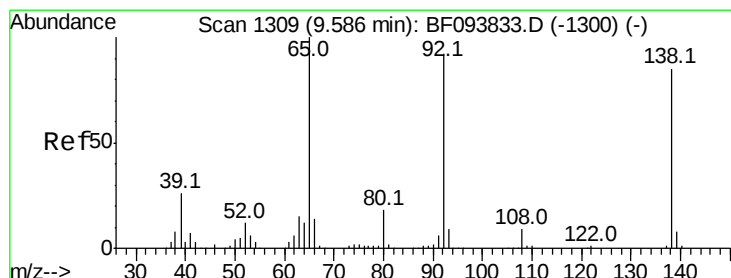
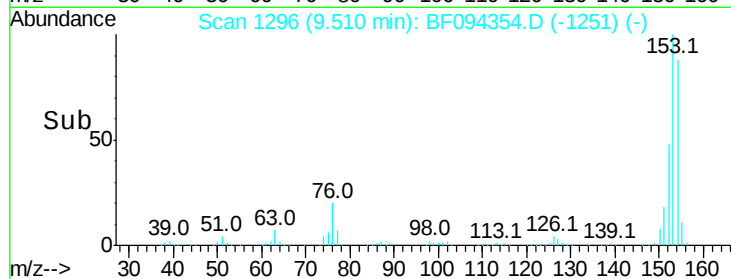
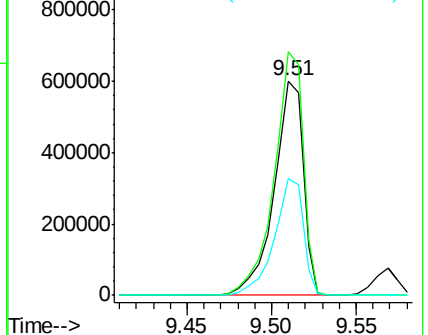
152 54.4 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.94 ng

RT: 9.43 min Scan# 1282

Delta R.T. -0.03 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

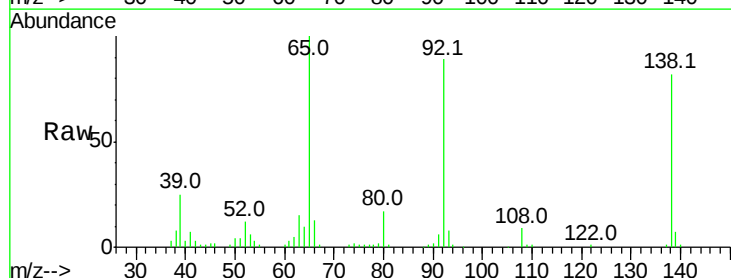
Tgt Ion:138 Resp: 84773

Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

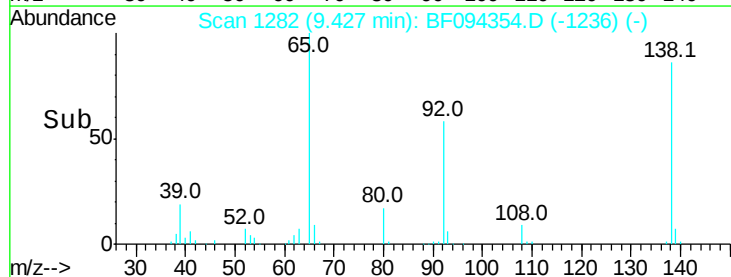
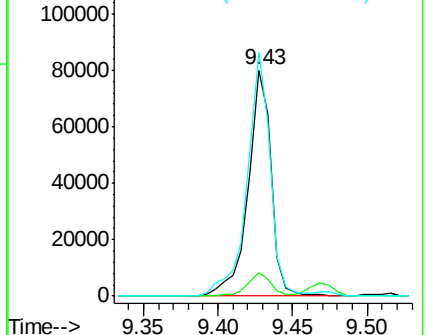
92 107.7 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

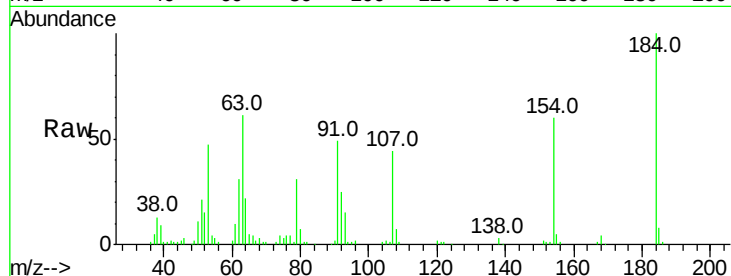




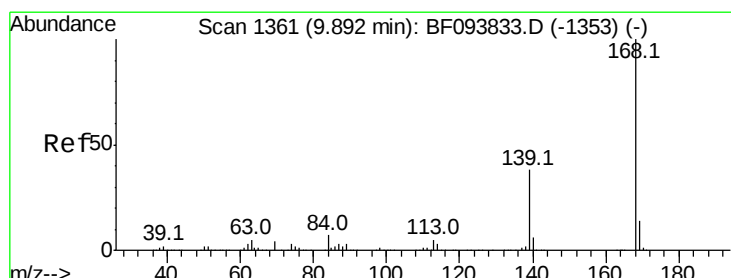
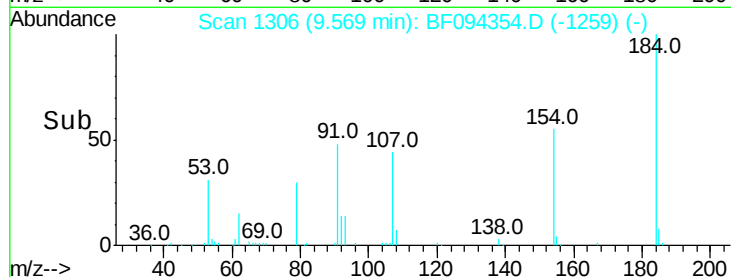
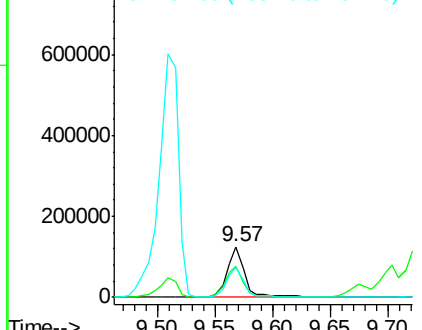
#53
2,4-Dinitrophenol
Concen: 56.65 ng
RT: 9.57 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 133799
Ion Ratio Lower Upper
184 100
63 61.5 62.7 94.1#
154 60.0 81.1 121.7#

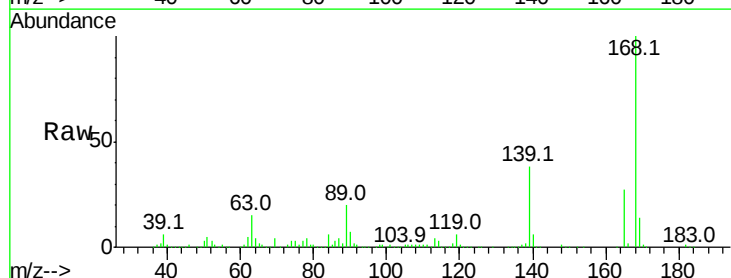


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

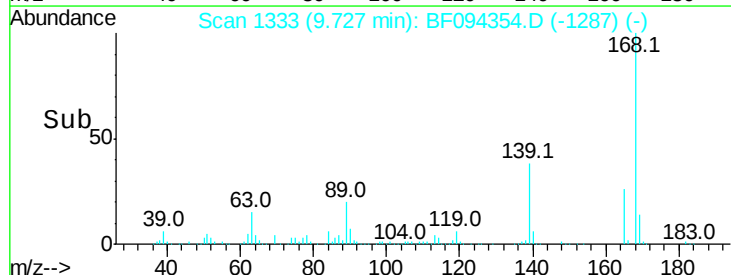
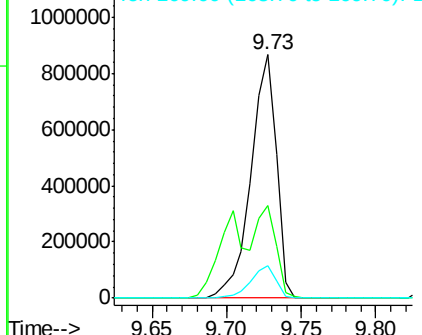


#54
Dibenzofuran
Concen: 43.86 ng
RT: 9.73 min Scan# 1333
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion:168 Resp: 1016132
Ion Ratio Lower Upper
168 100
139 38.1 30.6 45.8
169 13.5 10.8 16.2



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





#55

4-Nitrophenol

Concen: 93.45 ng

RT: 9.70 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :
BNA_F
ClientSampled :

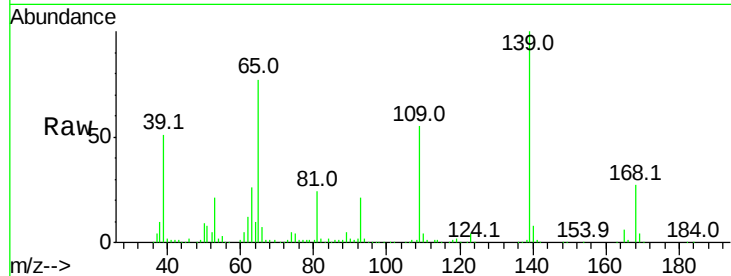
Tot Ion:139 Resp: 389226

Ion Ratio Lower Upper

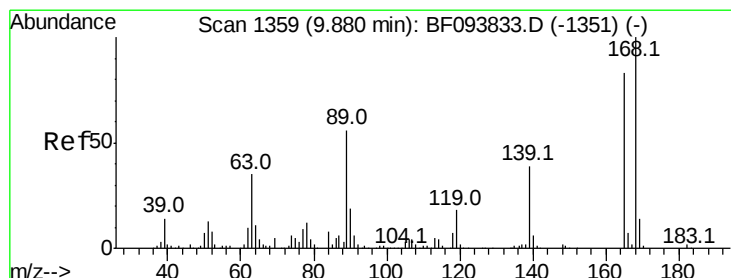
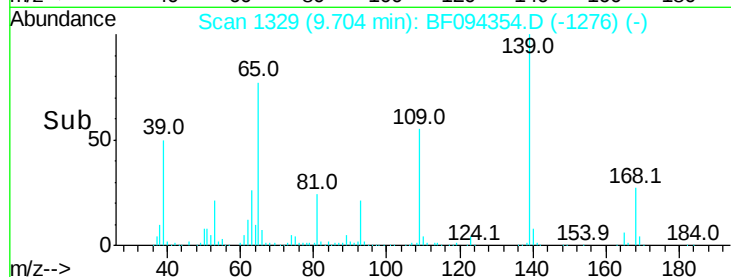
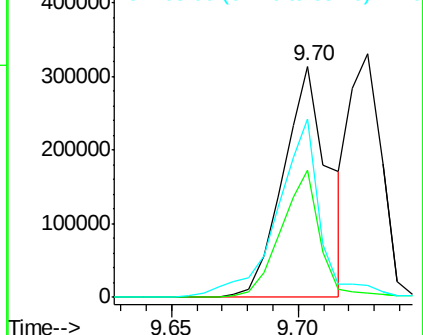
139 100

109 55.3 34.1 74.1

65 77.4 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: 43.08 ng

RT: 9.73 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Tgt Ion:165 Resp: 245093

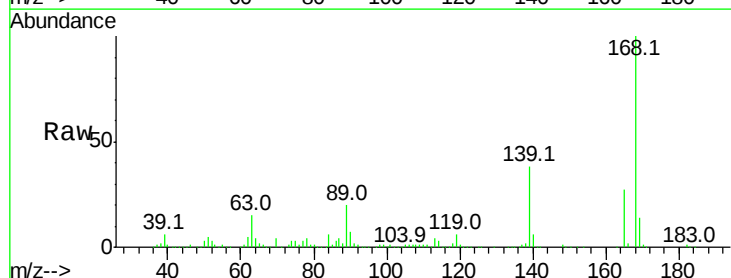
Ion Ratio Lower Upper

165 100

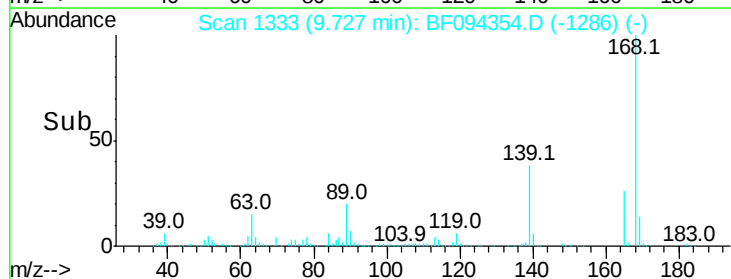
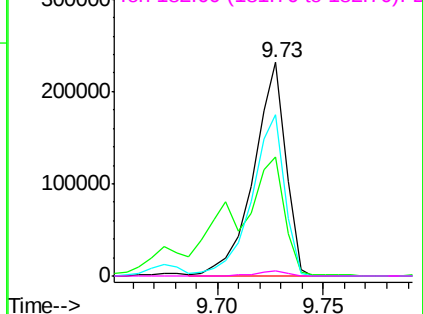
63 55.6 25.4 38.0#

89 75.6 46.4 69.6#

182 2.2 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

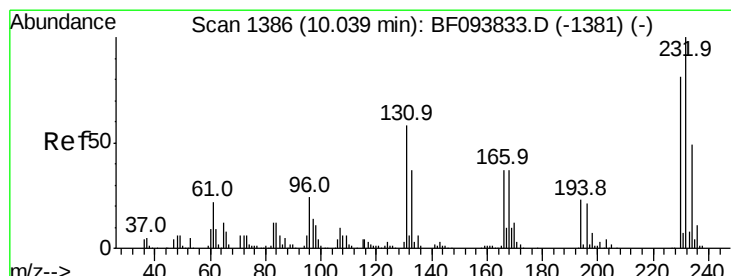
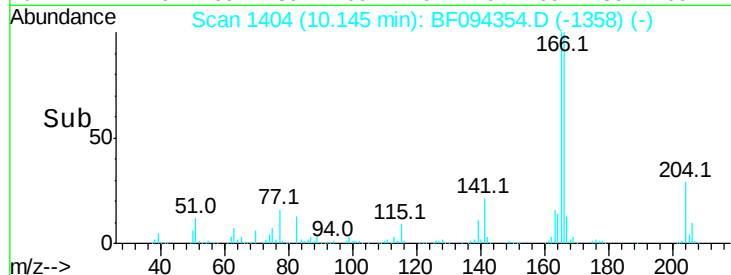
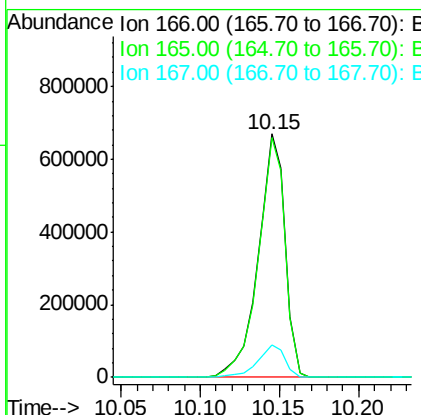
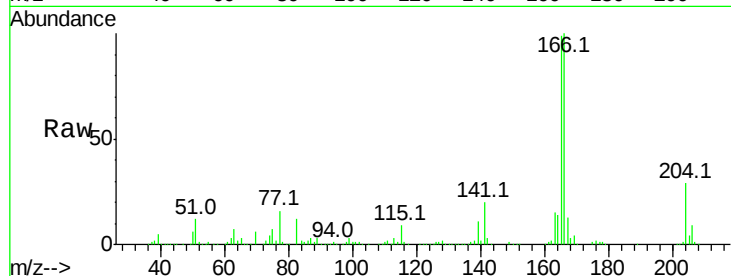




#57
 Fluorene
 Concen: 40.97 ng
 RT: 10.15 min Scan# 1404
 Delta R.T. -0.03 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

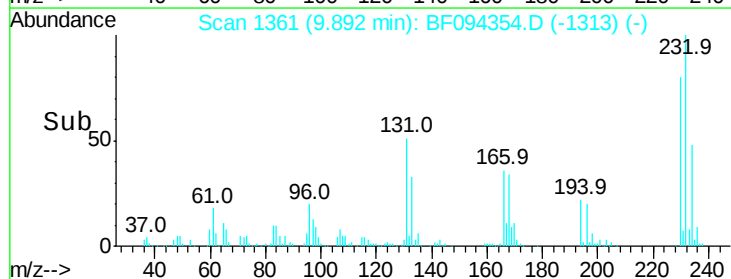
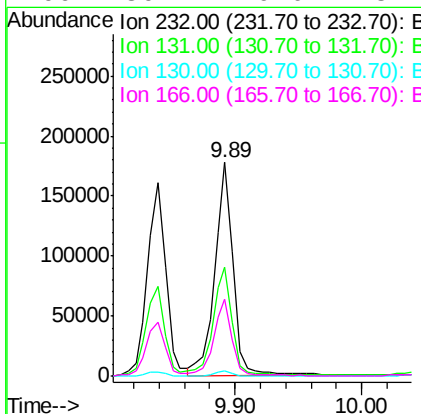
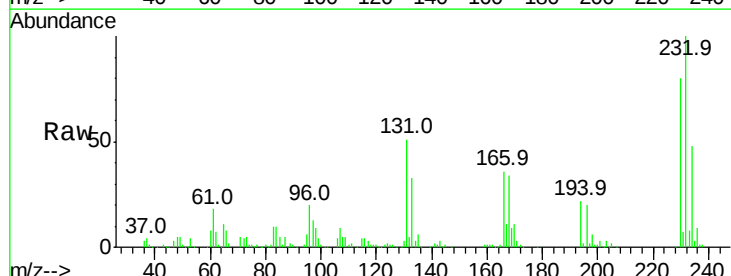
Instrument :
 BNA_F
 ClientSampleId :

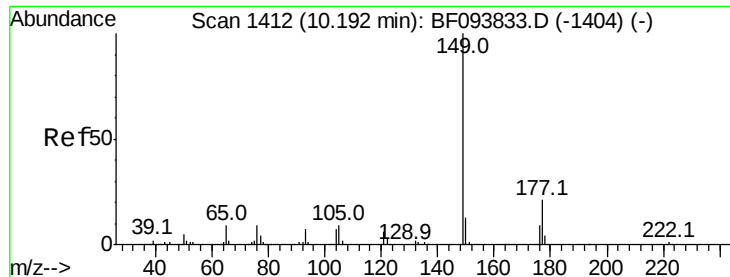
Tot Ion:166 Resp: 787213
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.8 118.2
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.43 ng
 RT: 9.89 min Scan# 1361
 Delta R.T. -0.02 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion:232 Resp: 181452
 Ion Ratio Lower Upper
 232 100
 131 53.1 44.8 67.2
 130 2.5 2.3 3.5
 166 36.1 29.0 43.4

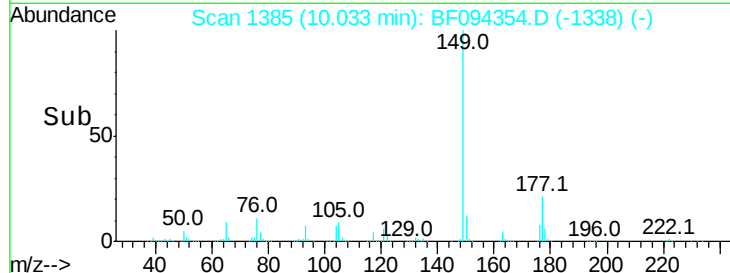
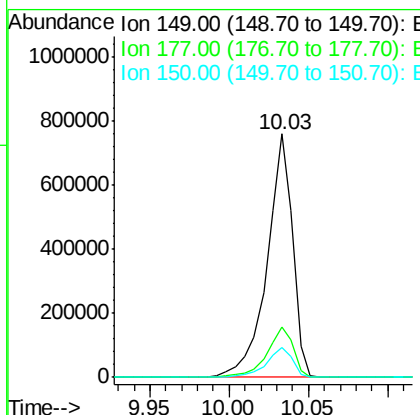
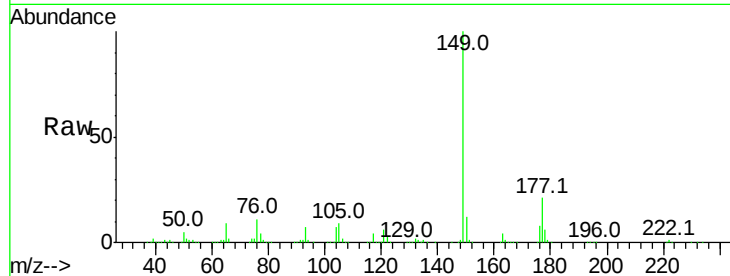




#59
Diethylphthalate
Concen: 43.66 ng
RT: 10.03 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

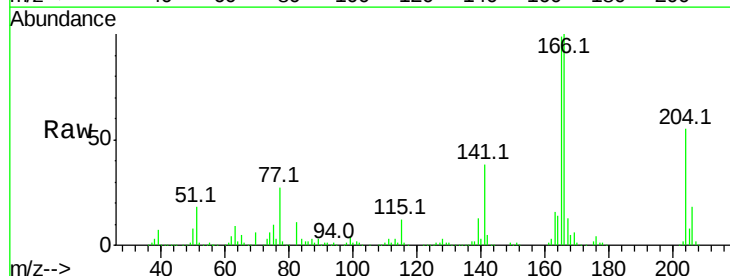
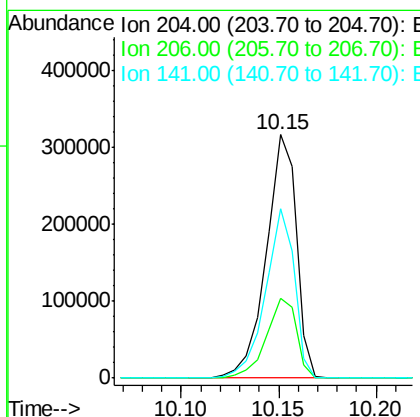
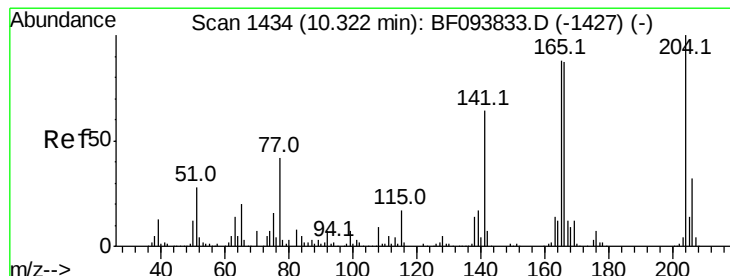
Instrument :
BNA_F
ClientSampled :

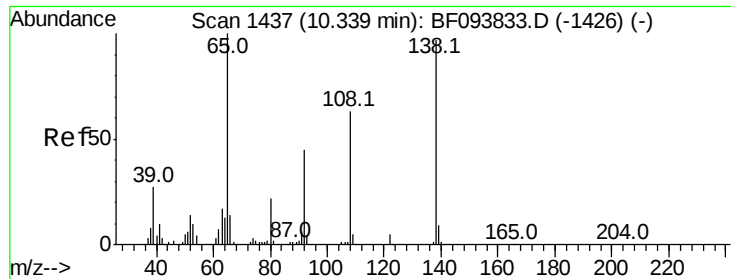
Tot Ion:149 Resp: 852678
Ion Ratio Lower Upper
149 100
177 20.8 16.7 25.1
150 12.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.52 ng
RT: 10.15 min Scan# 1405
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion:204 Resp: 339862
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 69.4 60.8 91.2

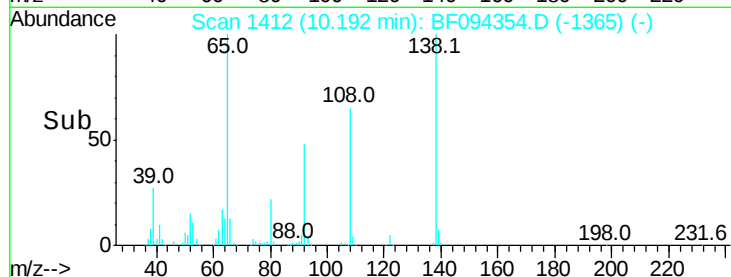
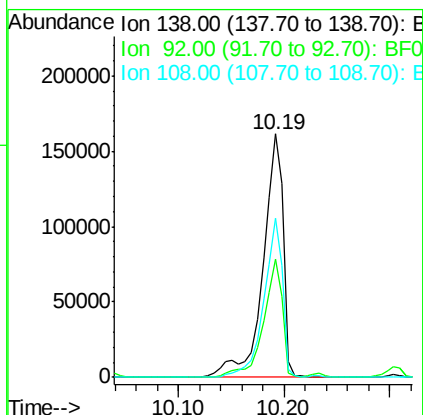
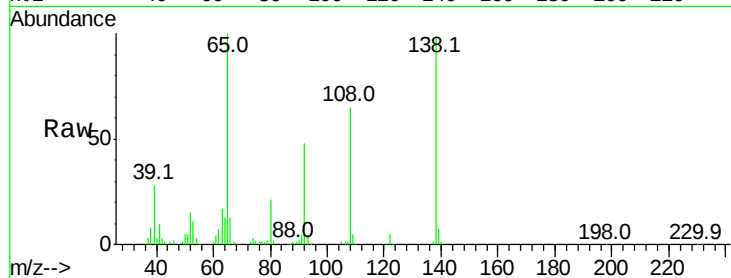




#61
4-Nitroaniline
Concen: 42.13 ng
RT: 10.19 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

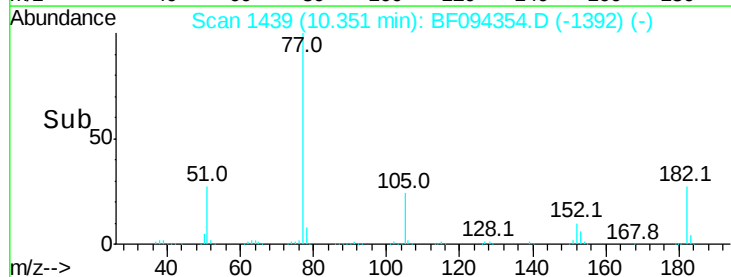
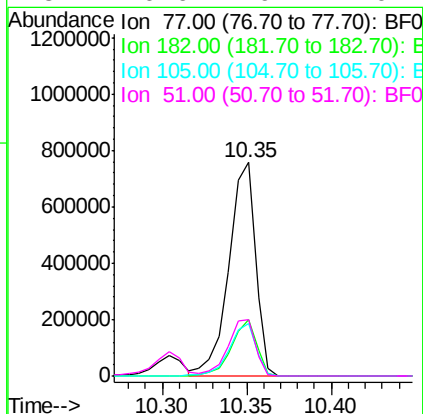
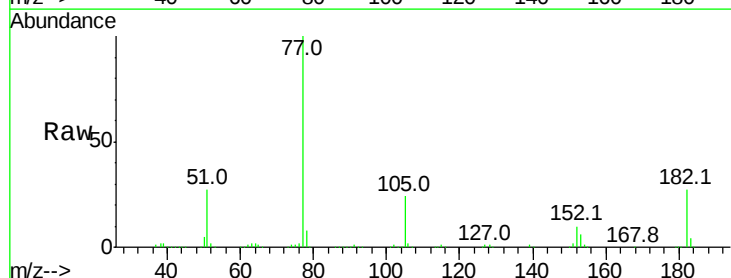
Instrument :
BNA_F
ClientSampleId :

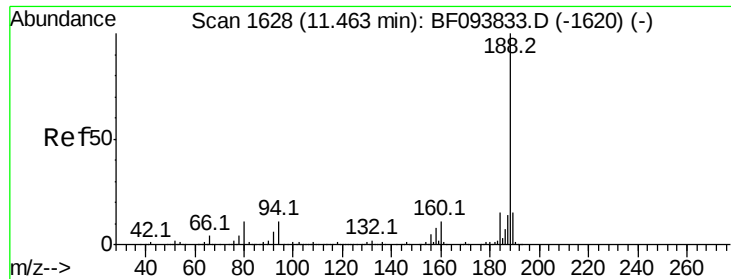
Tot Ion:138 Resp: 215037
Ion Ratio Lower Upper
138 100
92 48.3 21.8 61.8
108 65.3 42.3 82.3



#62
Azobenzene
Concen: 45.11 ng
RT: 10.35 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion: 77 Resp: 833309
Ion Ratio Lower Upper
77 100
182 26.6 0.1 40.1
105 24.4 3.6 43.6
51 26.6 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 1599

Delta R.T. -0.03 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

ClientSampled :

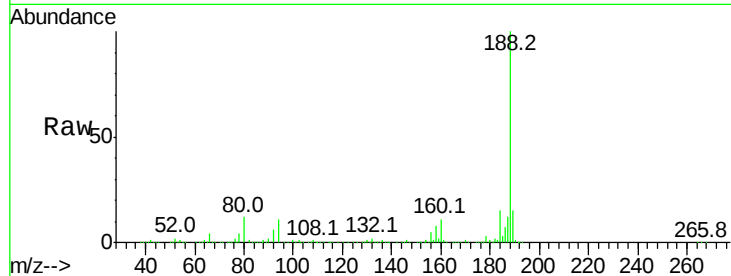
Tot Ion:188 Resp: 493510

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.2

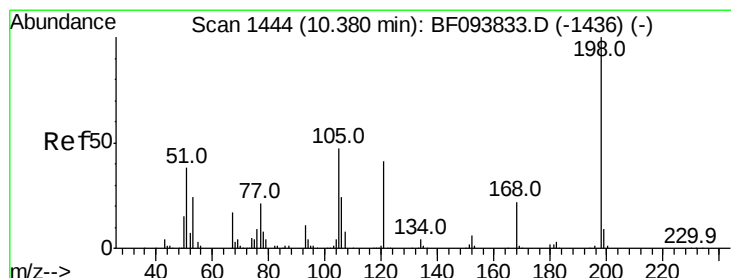
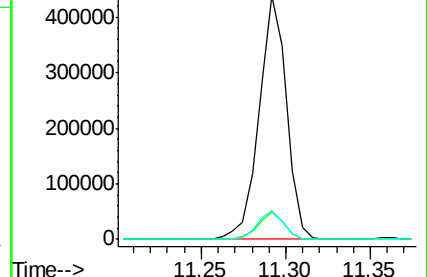
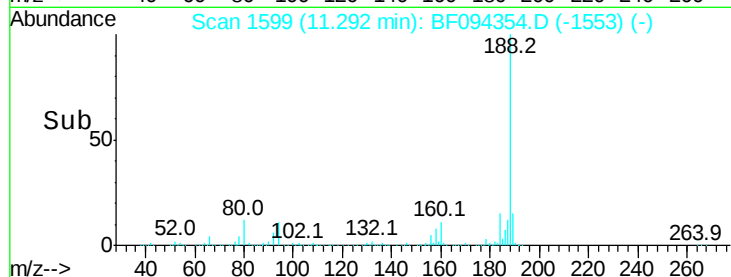
80 12.0 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 36.84 ng

RT: 10.23 min Scan# 1419

Delta R.T. -0.02 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

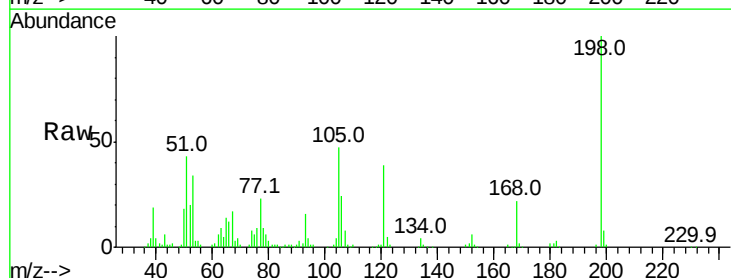
Tgt Ion:198 Resp: 111355

Ion Ratio Lower Upper

198 100

51 43.2 53.2 93.2#

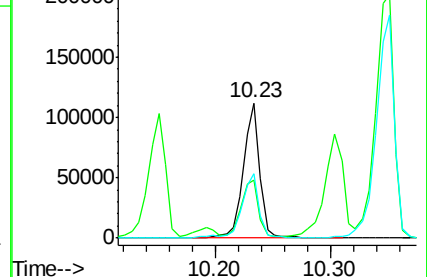
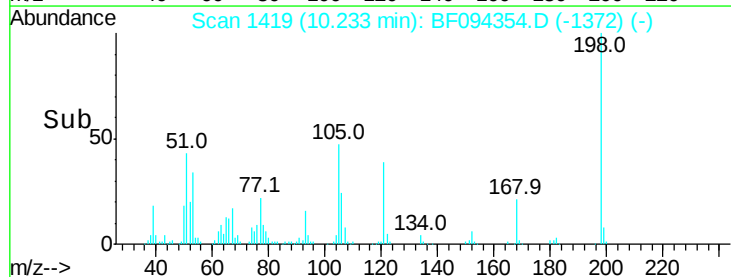
105 47.2 45.8 85.8

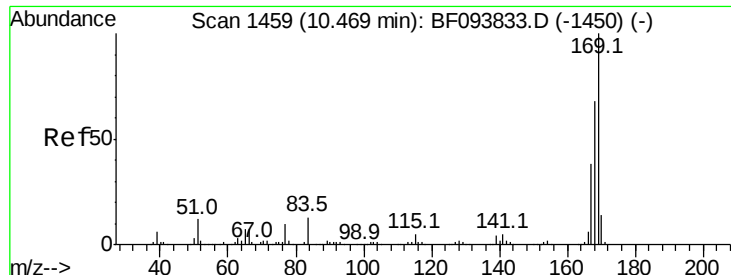


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.43 ng

RT: 10.30 min Scan# 1431

Delta R.T. -0.03 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

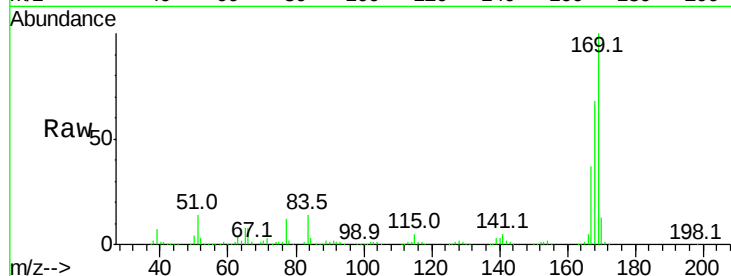
Tot Ion:169 Resp: 741281

Ion Ratio Lower Upper

169 100

168 67.9 53.2 79.8

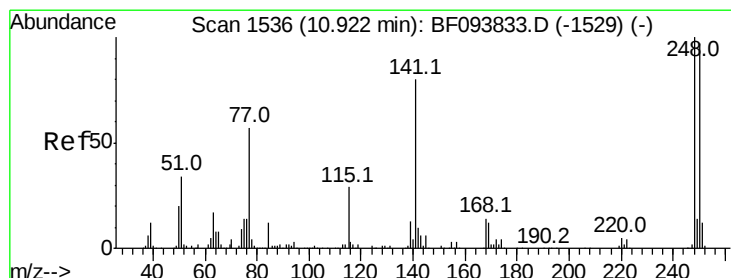
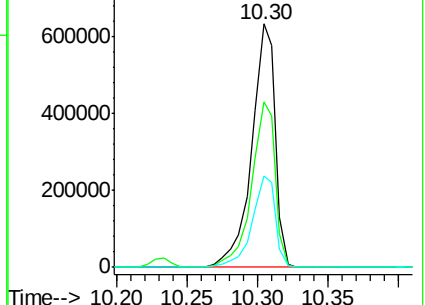
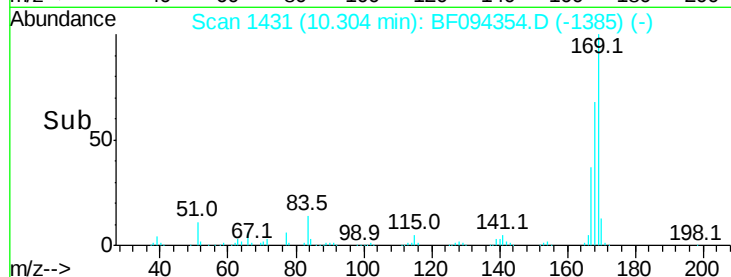
167 37.4 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.62 ng

RT: 10.75 min Scan# 1507

Delta R.T. -0.03 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

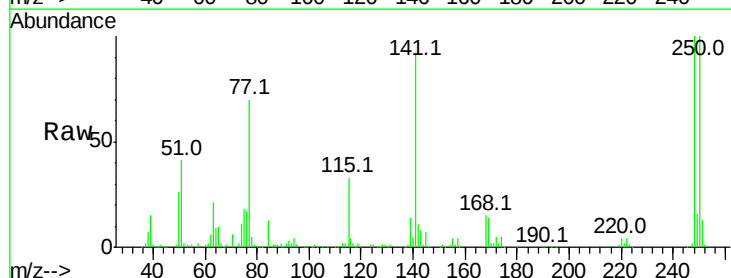
Tgt Ion:248 Resp: 211732

Ion Ratio Lower Upper

248 100

250 99.9 76.8 115.2

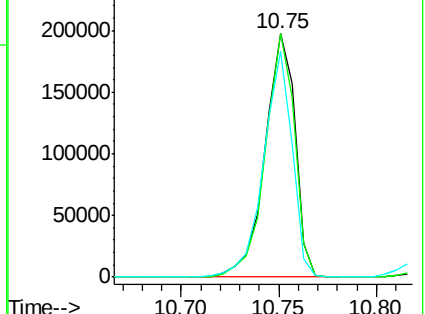
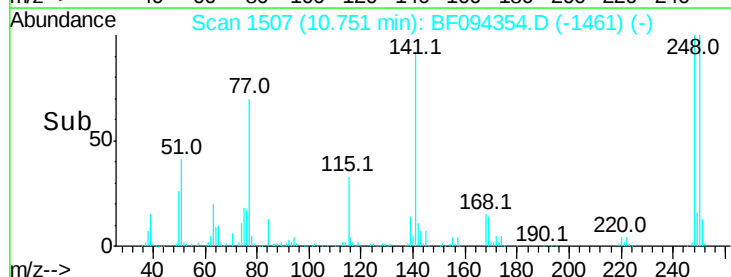
141 92.4 68.6 103.0

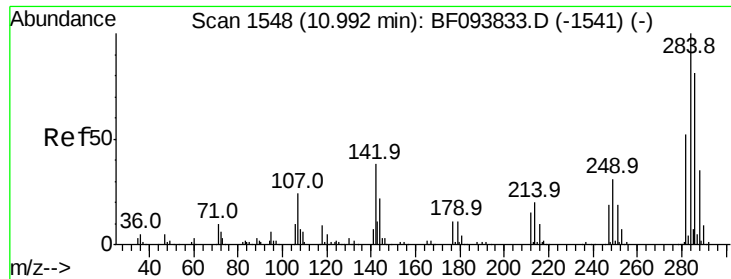


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.81 ng

RT: 10.82 min Scan# 1519

Delta R.T. -0.03 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

ClientSampled :

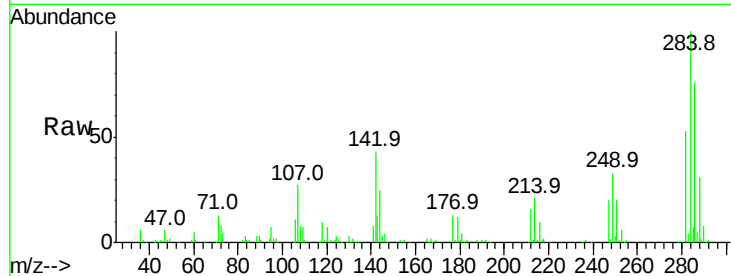
Tot Ion:284 Resp: 210360

Ion Ratio Lower Upper

284 100

142 43.4 22.8 34.2#

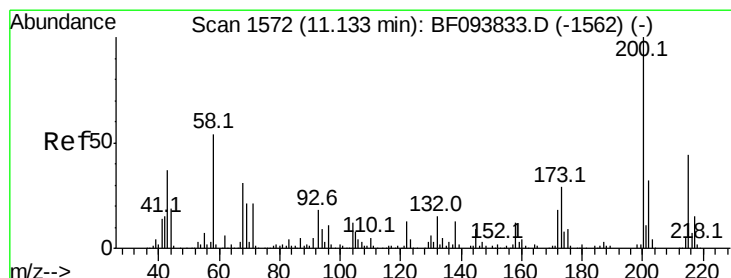
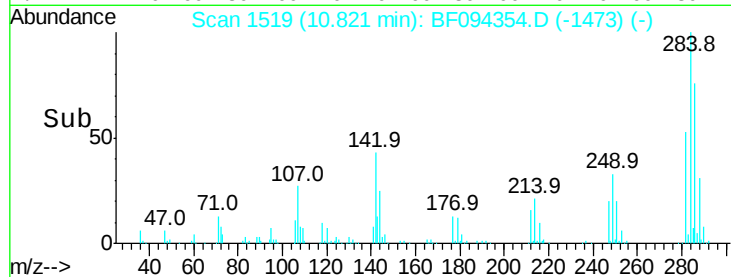
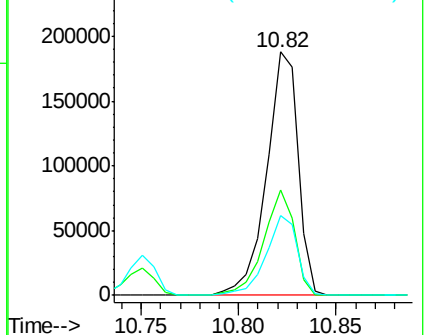
249 32.9 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.10 ng

RT: 10.98 min Scan# 1546

Delta R.T. -0.02 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

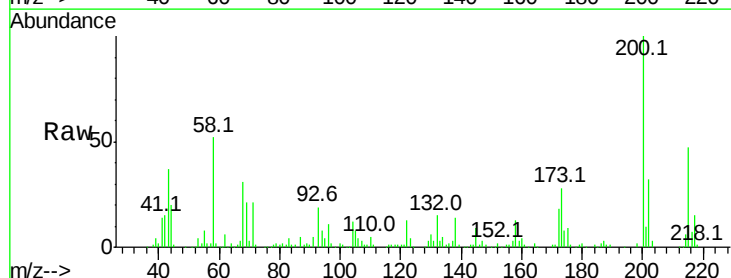
Tgt Ion:200 Resp: 215223

Ion Ratio Lower Upper

200 100

173 28.4 6.3 46.3

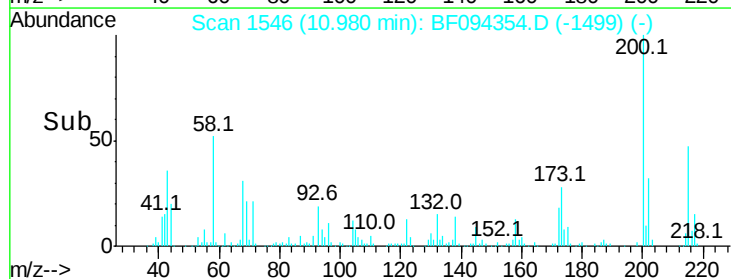
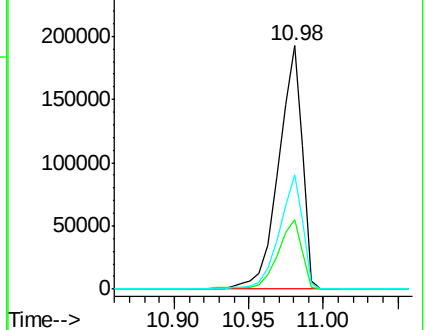
215 46.7 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

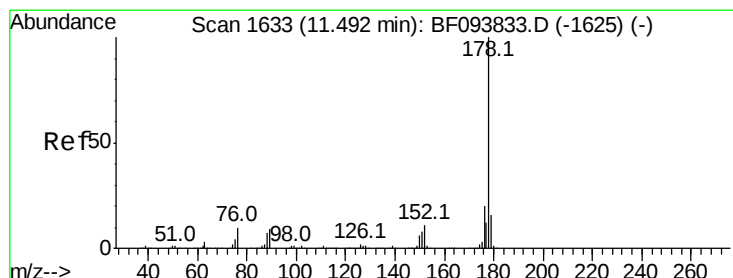
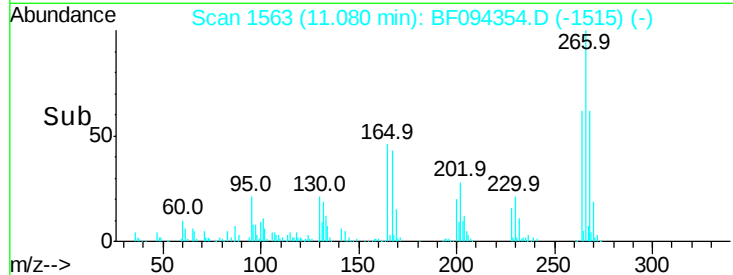
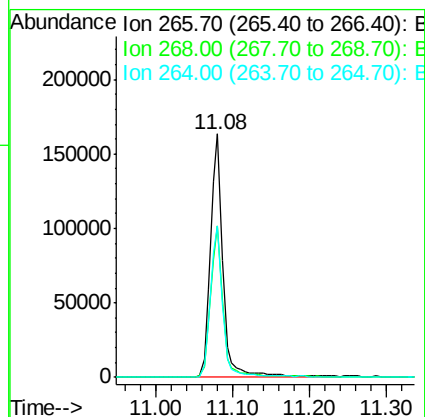
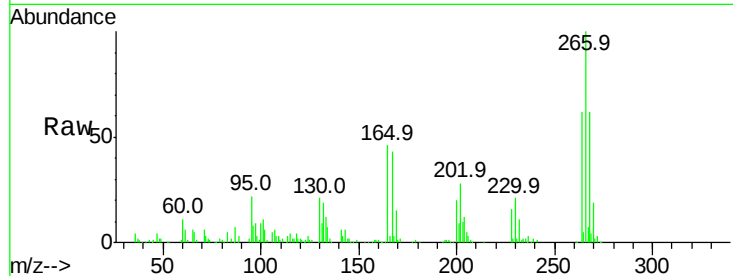




#69
 Pentachlorophenol
 Concen: 60.46 ng
 RT: 11.08 min Scan# 1563
 Delta R.T. -0.02 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

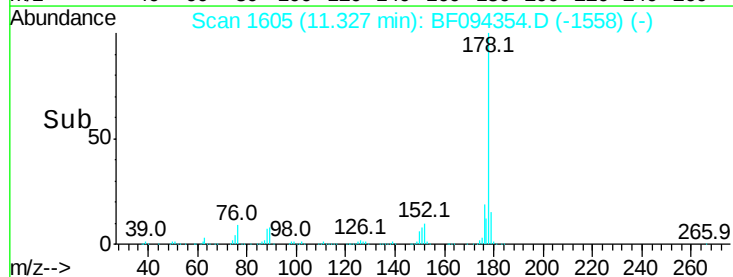
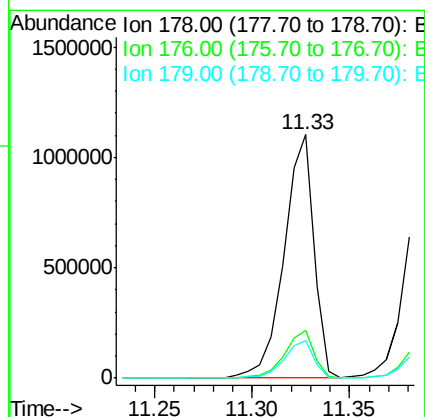
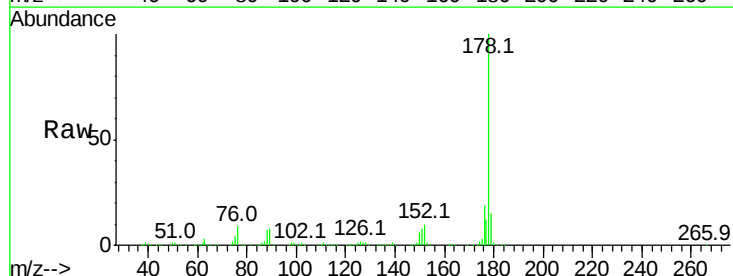
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.1	76.7
264	62.0	51.7	77.5



#70
 Phenanthrene
 Concen: 42.45 ng
 RT: 11.33 min Scan# 1605
 Delta R.T. -0.02 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.3	12.6	19.0

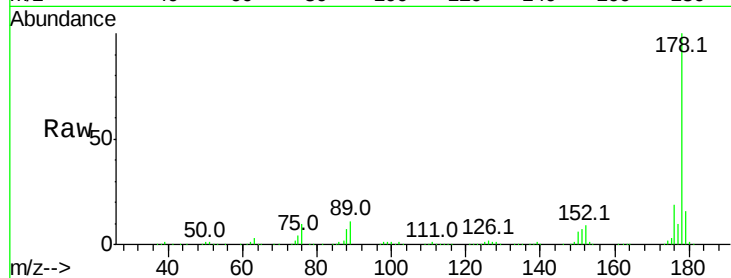




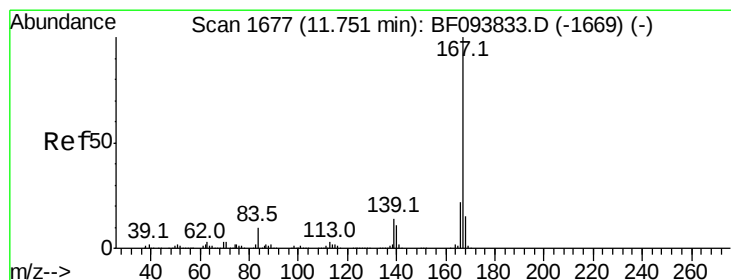
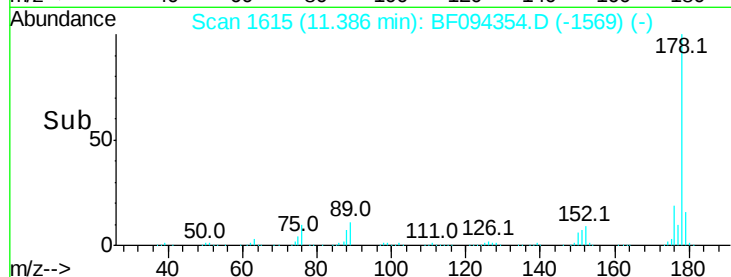
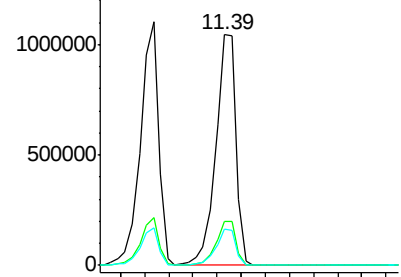
#71
 Anthracene
 Concen: 43.02 ng
 RT: 11.39 min Scan# 1615
 Delta R.T. -0.03 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 1216015
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.9 12.7 19.1

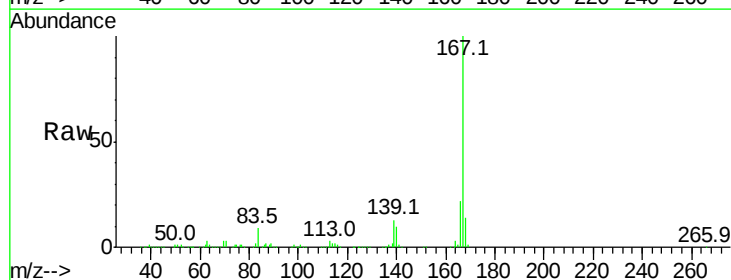


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

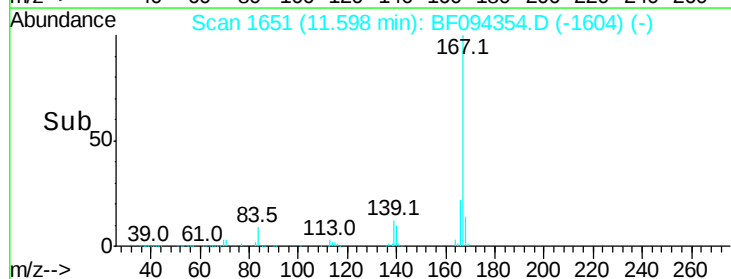
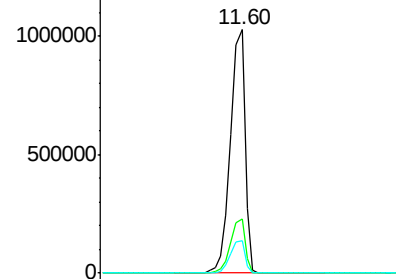


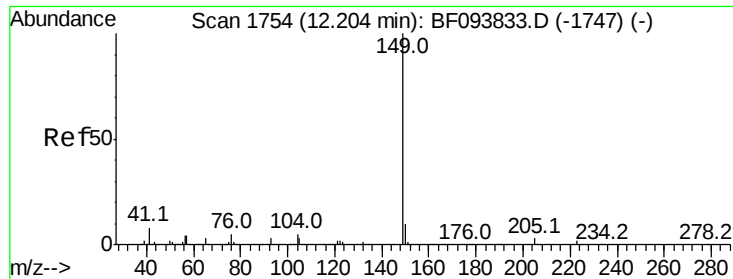
#72
 Carbazole
 Concen: 39.33 ng
 RT: 11.60 min Scan# 1651
 Delta R.T. -0.02 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion:167 Resp: 1139980
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.3 11.7 17.5



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

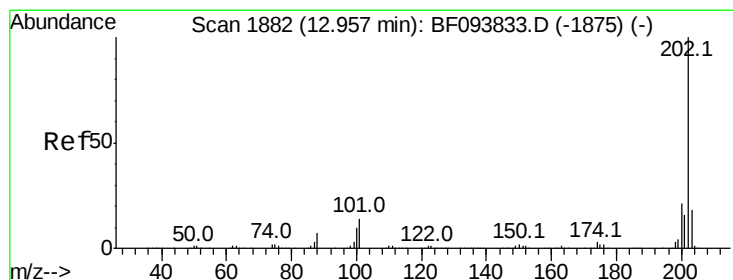
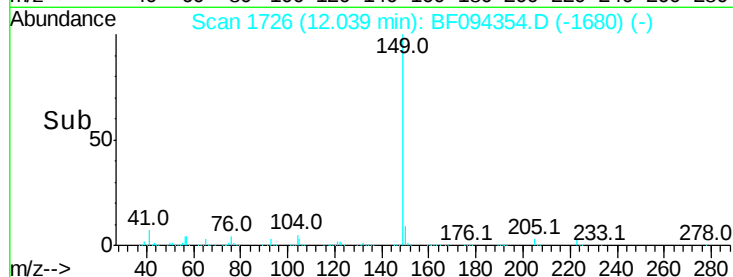
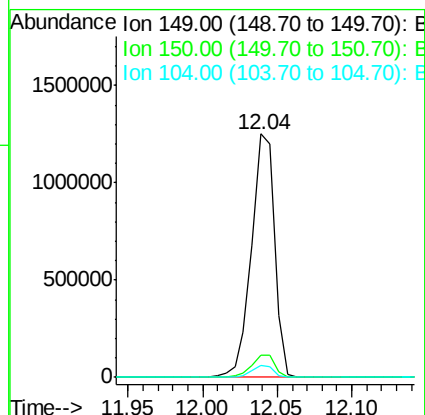
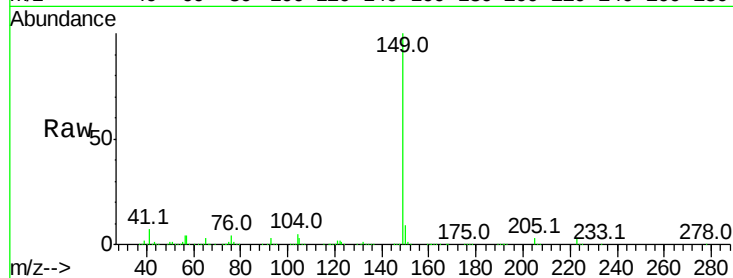




#73
Di-n-butylphthalate
Concen: 44.29 ng
RT: 12.04 min Scan# 1726
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

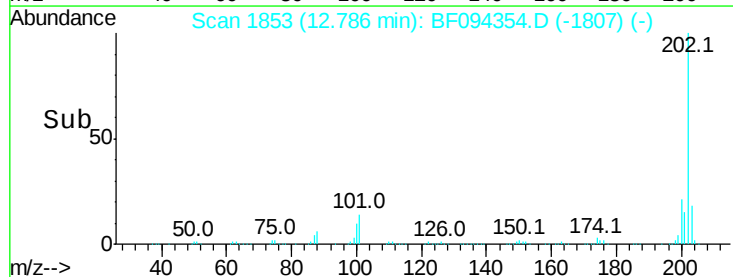
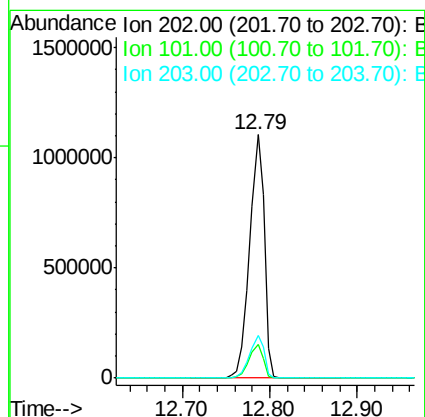
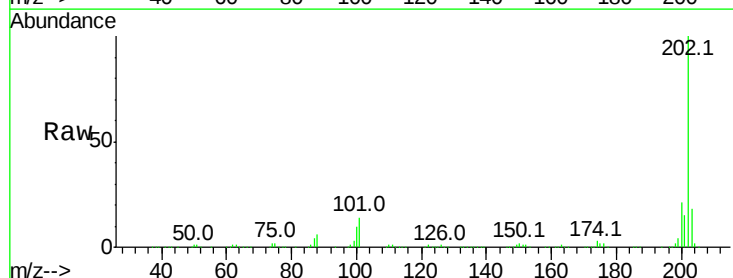
Instrument :
BNA_F
ClientSampleId :

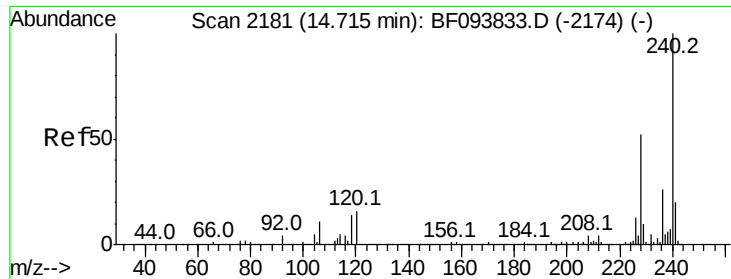
Tot Ion:149 Resp: 1335110
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.8 4.0 6.0



#74
Fluoranthene
Concen: 43.44 ng
RT: 12.79 min Scan# 1853
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion:202 Resp: 1221218
Ion Ratio Lower Upper
202 100
101 13.9 0.0 33.2
203 17.6 0.0 38.1

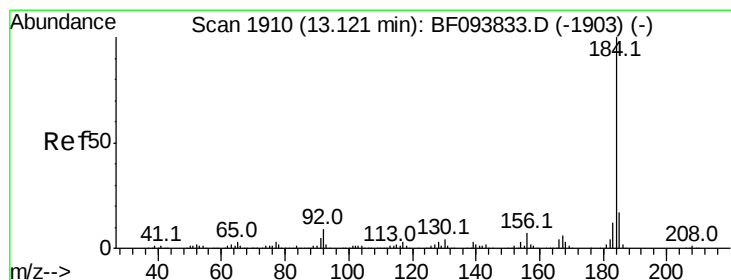
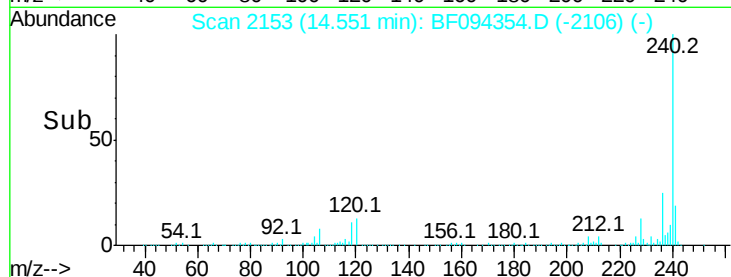
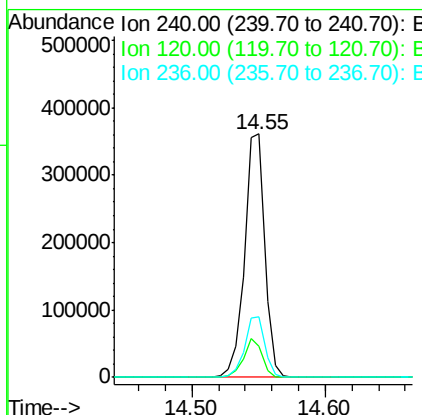
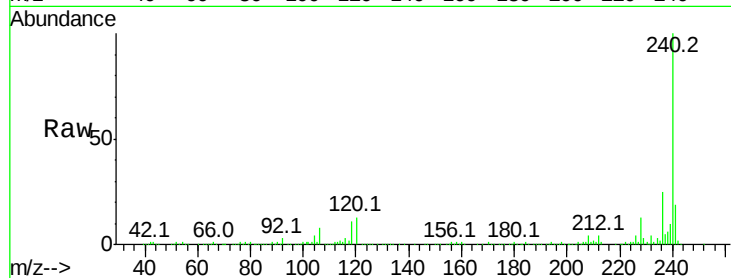




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.55 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

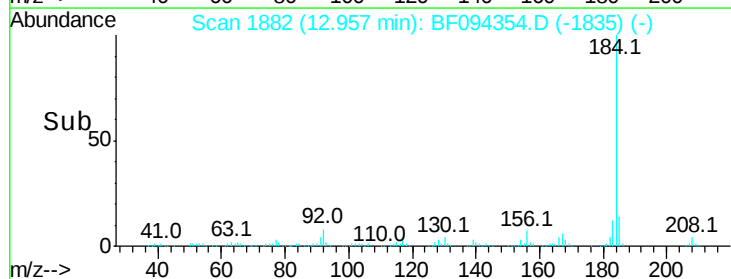
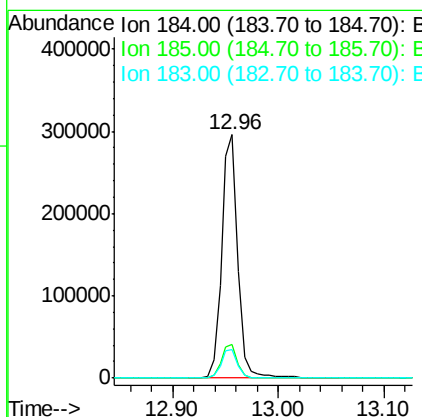
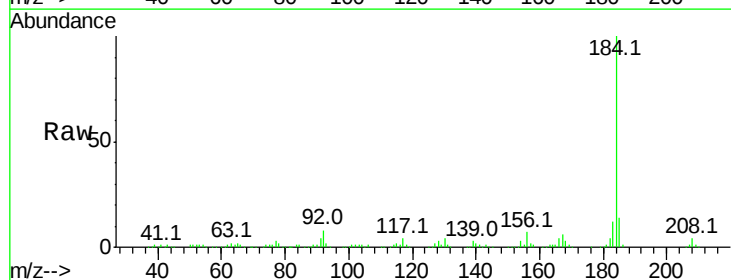
Instrument :
 BNA_F
 ClientSampleID :

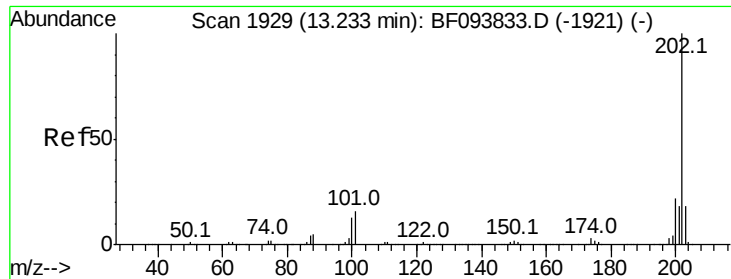
Tot Ion:240 Resp: 376311
 Ion Ratio Lower Upper
 240 100
 120 12.7 5.8 8.8#
 236 25.1 20.5 30.7



#76
 Benzidine
 Concen: 21.20 ng
 RT: 12.96 min Scan# 1882
 Delta R.T. -0.02 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion:184 Resp: 315787
 Ion Ratio Lower Upper
 184 100
 185 13.8 15.5 23.3#
 183 11.6 9.8 14.6

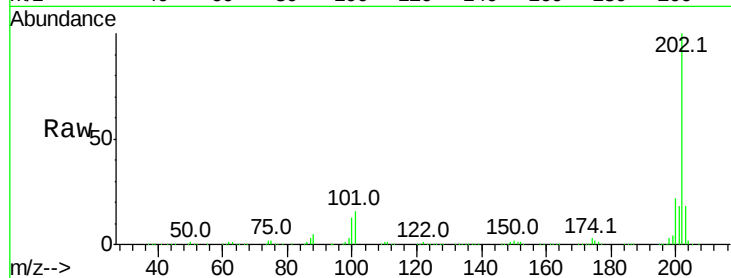




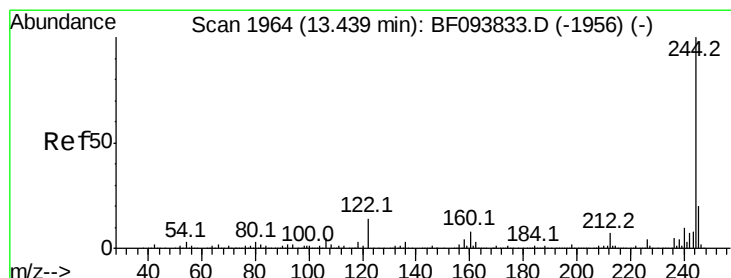
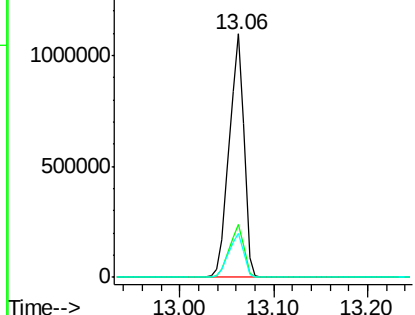
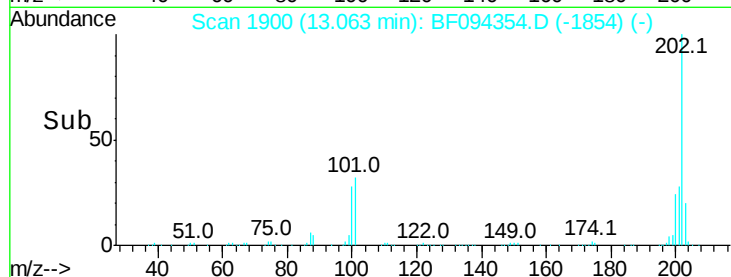
#77
Pvrene
Concen: 44.48 ng
RT: 13.06 min Scan# 1900
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1214884
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.8 14.4 21.6

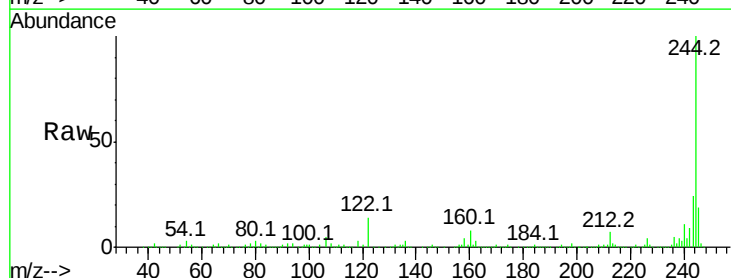


Abundance Ion 202.00 (201.70 to 202.70): E
1500000 Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

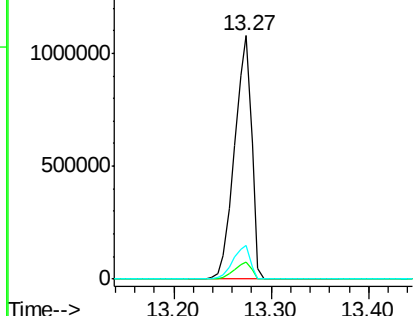
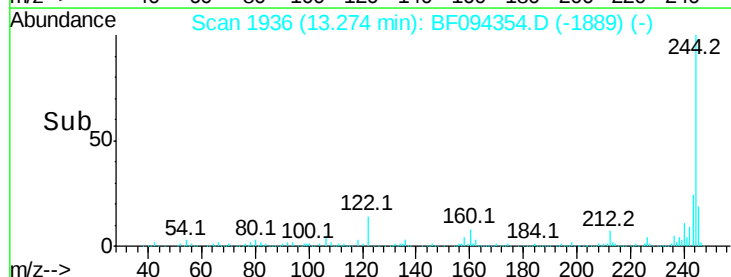


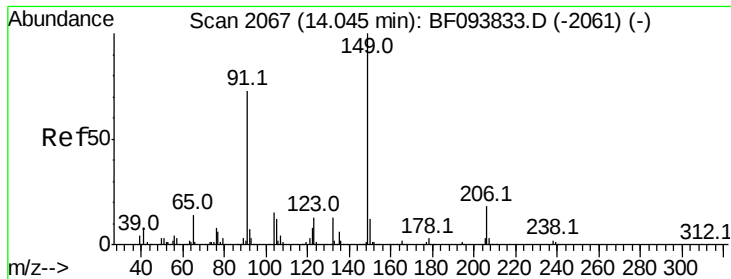
#78
Terphenyl-d14
Concen: 77.52 ng
RT: 13.27 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion:244 Resp: 1301408
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 13.7 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
1500000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

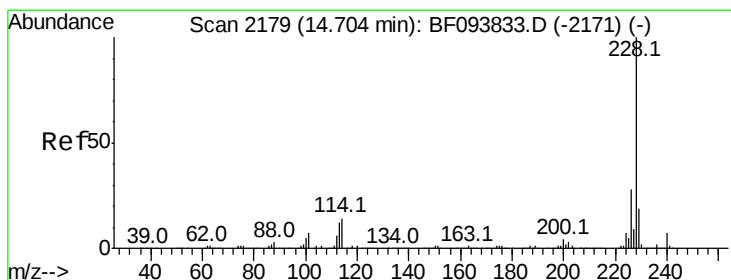
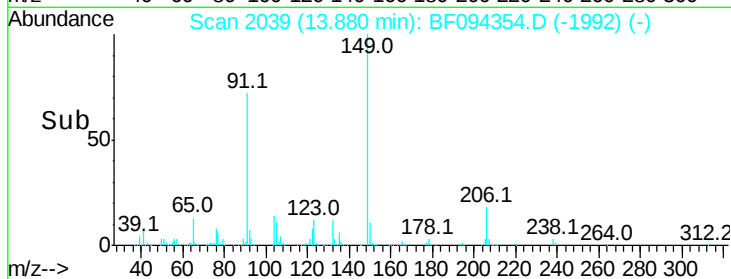
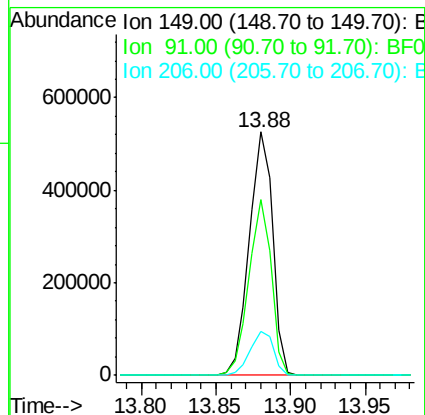
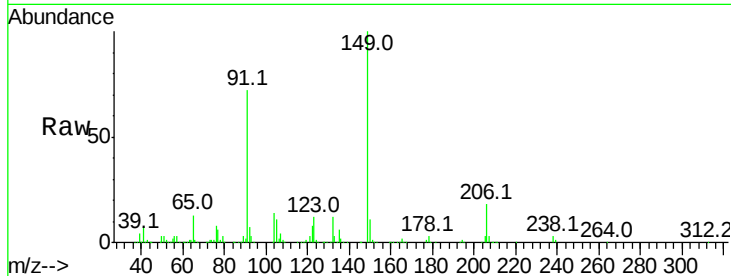




#79
Butylbenzylphthalate
Concen: 48.86 ng
RT: 13.88 min Scan# 2039
Delta R.T. -0.02 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

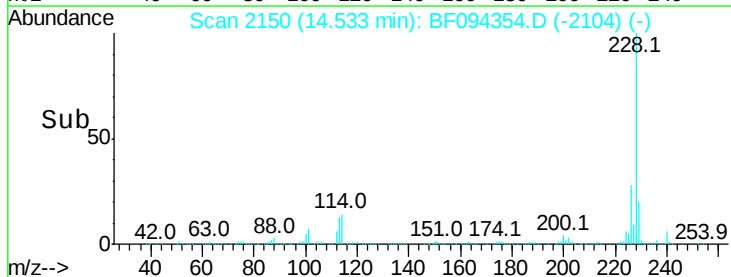
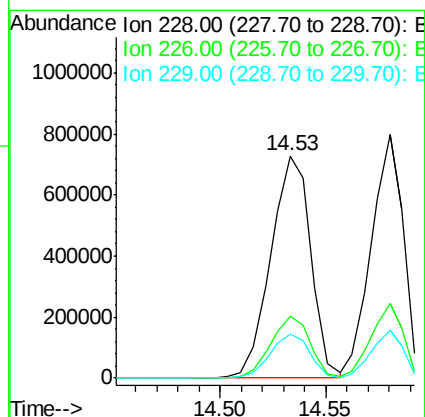
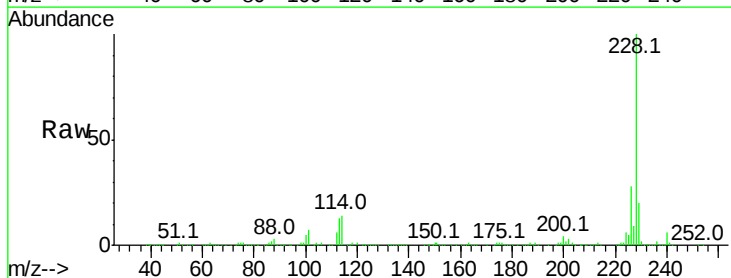
Instrument :
BNA_F
ClientSampleId :

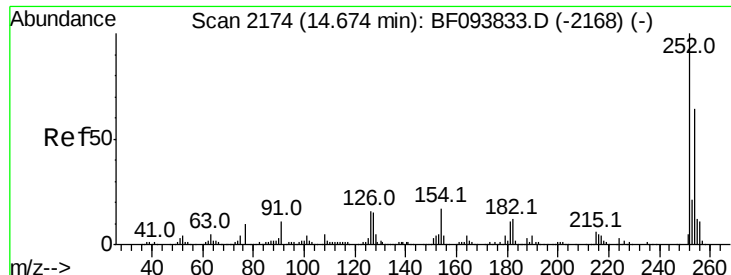
Tot Ion:149 Resp: 568600
Ion Ratio Lower Upper
149 100
91 72.0 45.0 67.4#
206 17.8 17.0 25.6



#80
Benzo(a)anthracene
Concen: 43.71 ng
RT: 14.53 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion:228 Resp: 959262
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.8 16.3 24.5

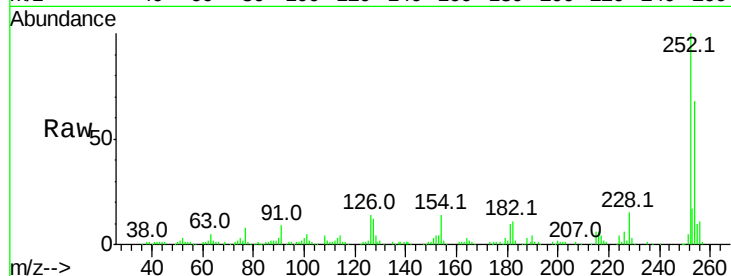




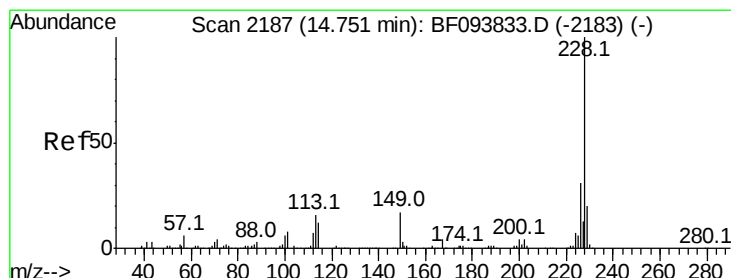
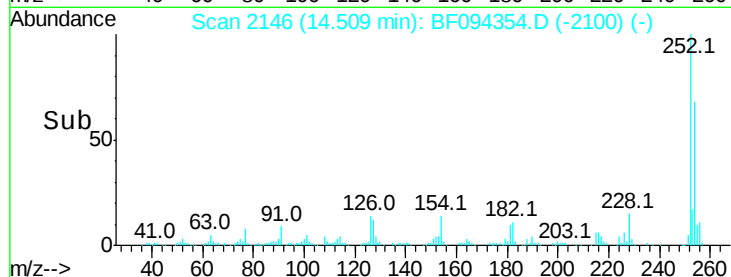
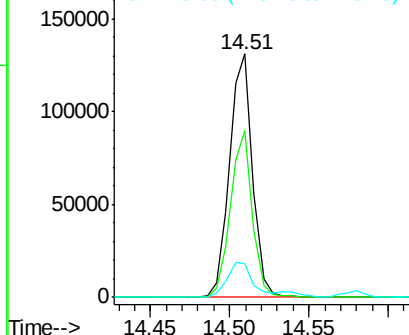
#81
 3,3'-Dichlorobenzidine
 Concen: 16.69 ng
 RT: 14.51 min Scan# 2146
 Delta R.T. -0.03 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 130942
 Ion Ratio Lower Upper
 252 100
 254 68.5 51.5 77.3
 126 13.8 15.8 23.8#

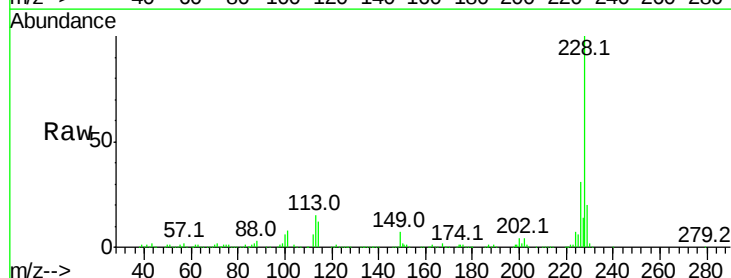


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

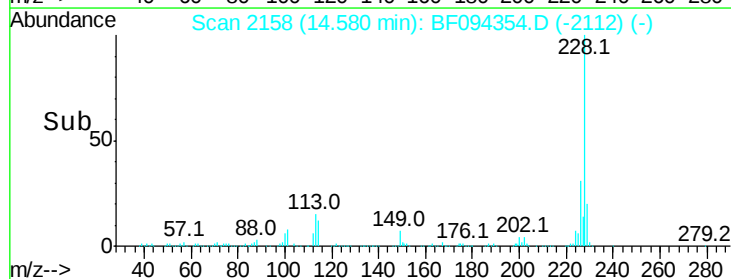
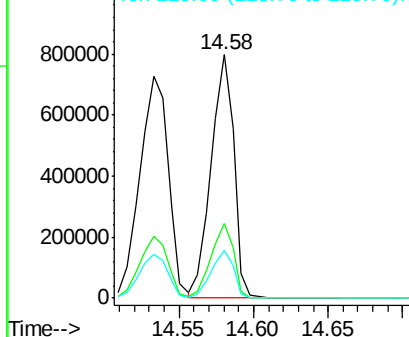


#82
 Chrysene
 Concen: 41.60 ng
 RT: 14.58 min Scan# 2158
 Delta R.T. -0.03 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion:228 Resp: 847157
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 19.6 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: 48.08 ng

RT: 14.60 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

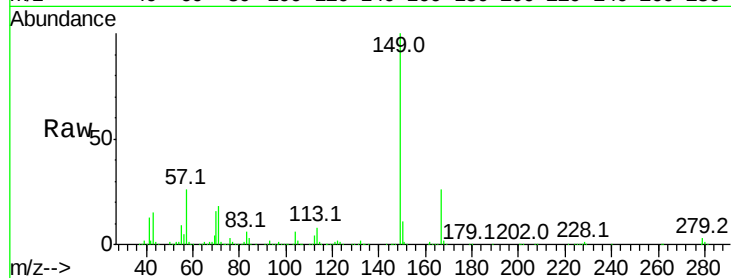
Tot Ion:149 Resp: 763351

Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

279 3.2 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

1000000

800000

600000

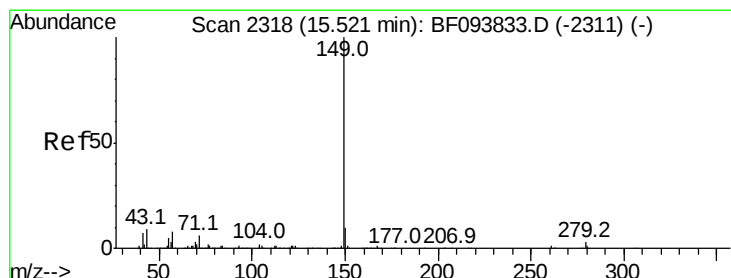
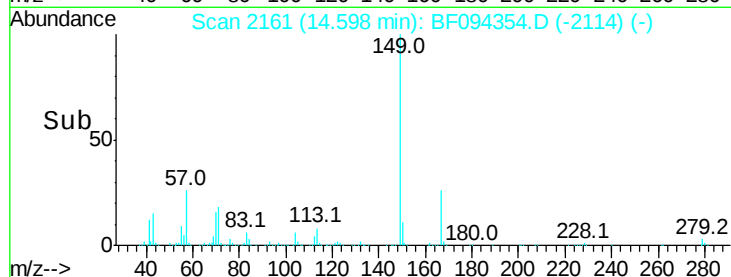
400000

200000

0

14.55 14.60 14.65

Time-->



#84

Di-n-octyl phthalate

Concen: 44.69 ng

RT: 15.35 min Scan# 2289

Delta R.T. -0.02 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

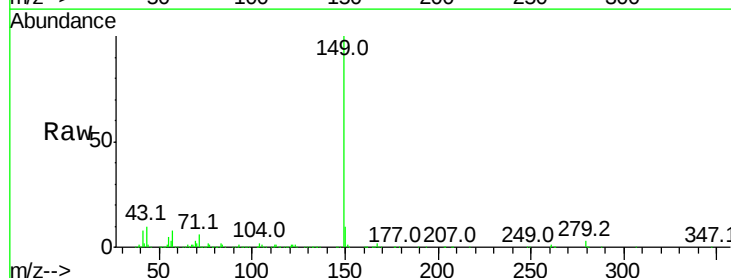
Tgt Ion:149 Resp: 1185352

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.5 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

1500000

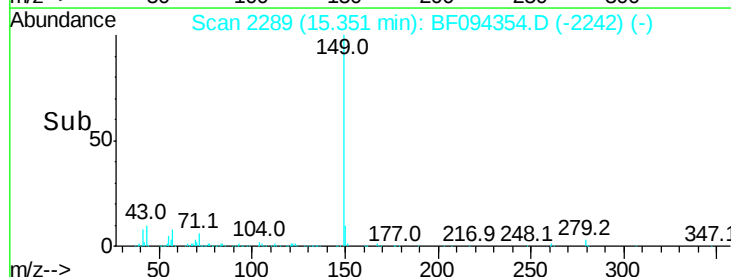
1000000

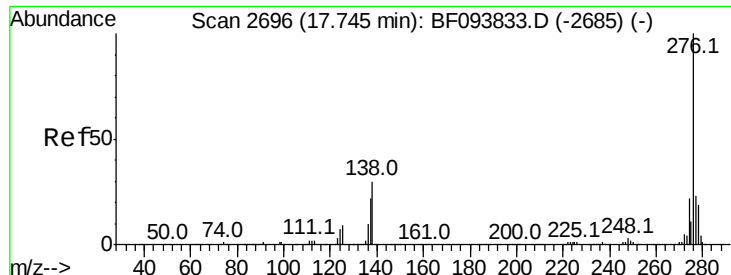
500000

0

15.30 15.35 15.40

Time-->

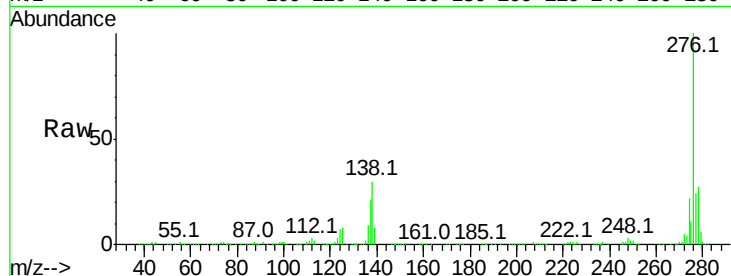




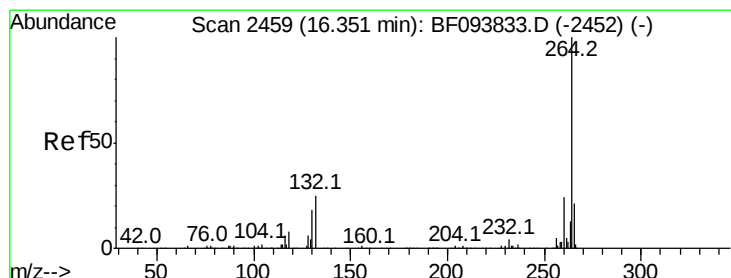
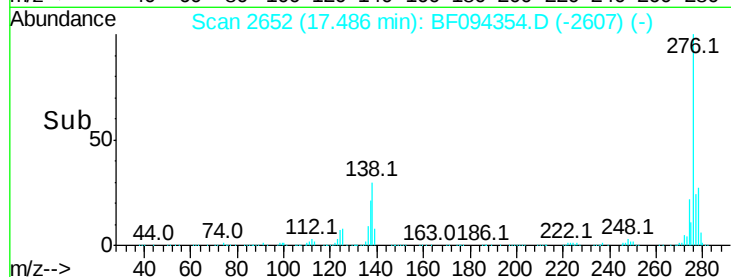
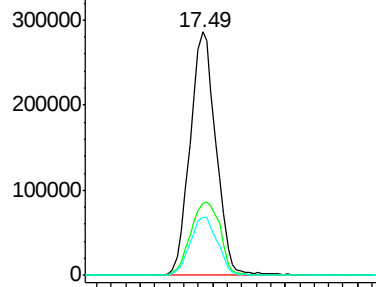
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.29 ng
 RT: 17.49 min Scan# 2652
 Delta R.T. -0.04 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	27.8	41.6
277	25.2	20.2	30.4

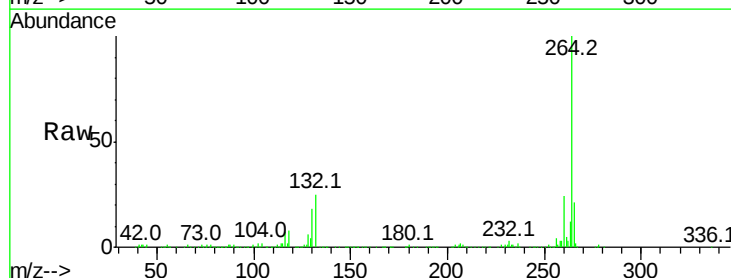


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

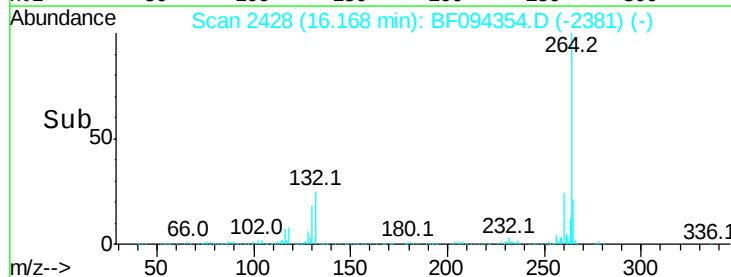
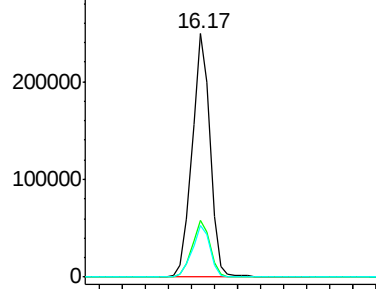


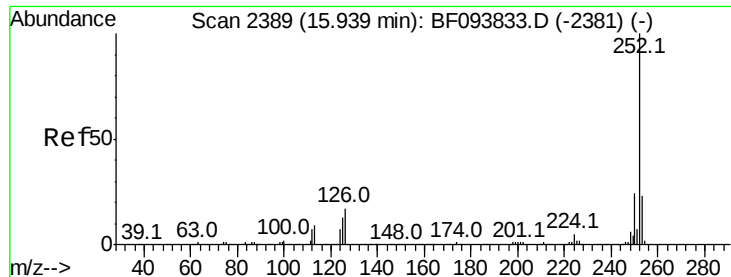
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.17 min Scan# 2428
 Delta R.T. -0.02 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.1	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 46.91 ng

RT: 15.77 min Scan# 2360

Delta R.T. -0.02 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

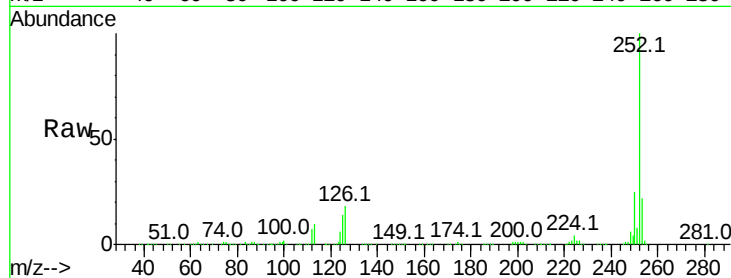
Tot Ion:252 Resp: 774046

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

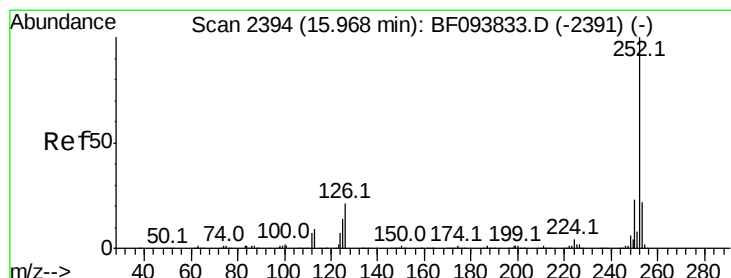
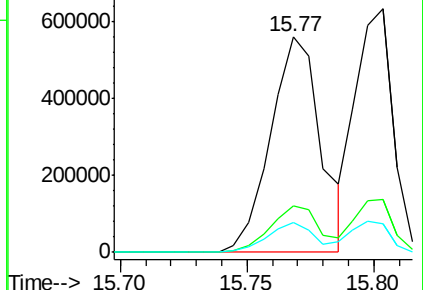
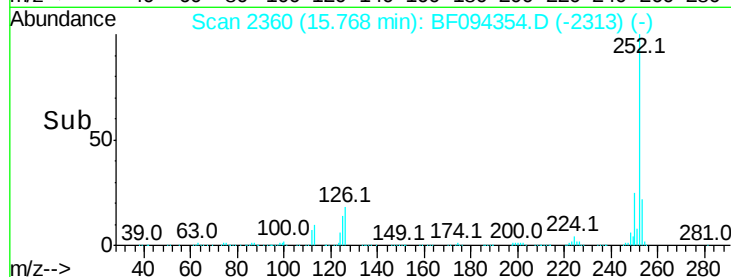
125 13.7 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.95 ng

RT: 15.77 min Scan# 2360

Delta R.T. -0.06 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

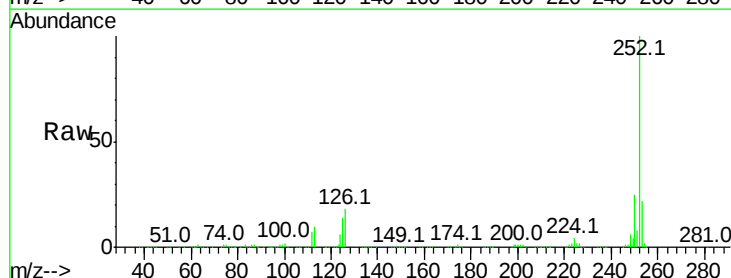
Tgt Ion:252 Resp: 774046

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

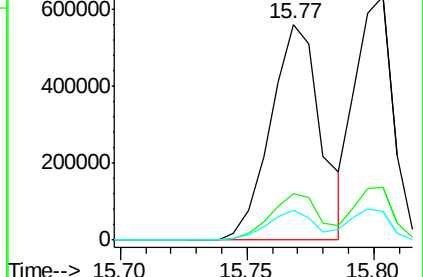
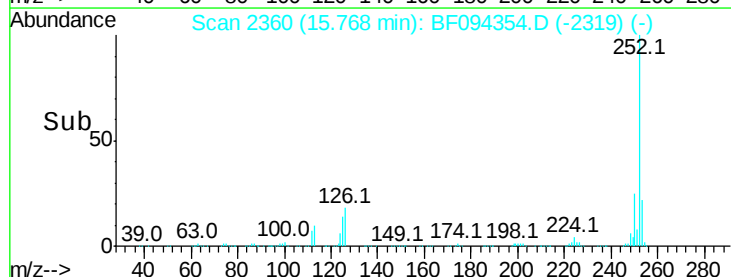
125 13.7 13.1 19.7

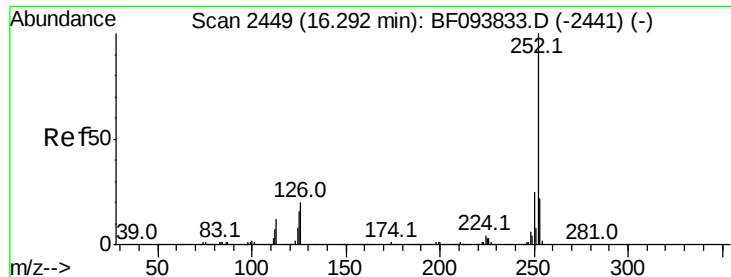


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.80 ng

RT: 16.12 min Scan# 2419

Delta R.T. -0.02 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

ClientSampled :

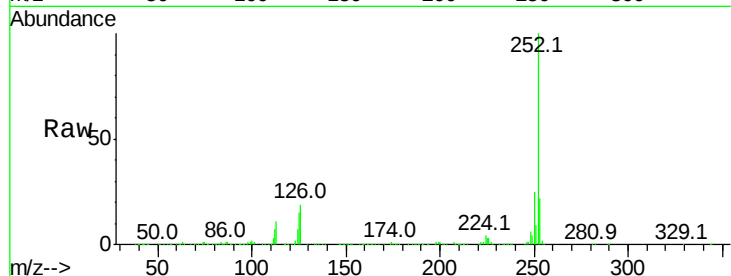
Tot Ion:252 Resp: 665511

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

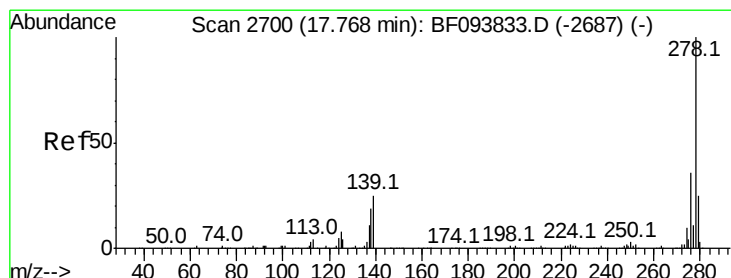
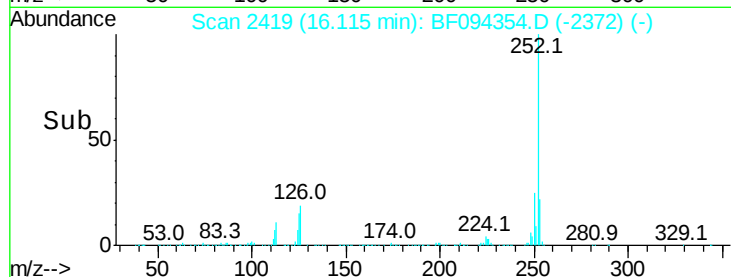
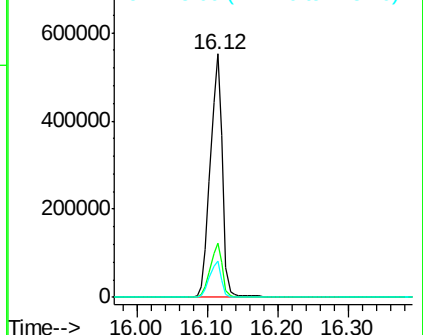
125 15.0 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.66 ng

RT: 17.51 min Scan# 2656

Delta R.T. -0.03 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

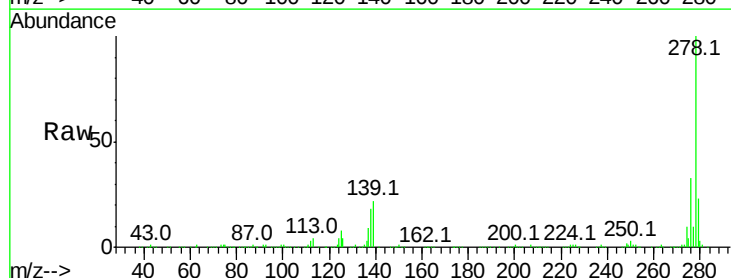
Tgt Ion:278 Resp: 587498

Ion Ratio Lower Upper

278 100

139 22.2 16.6 24.8

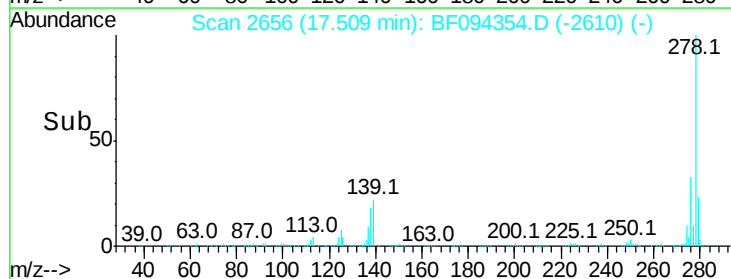
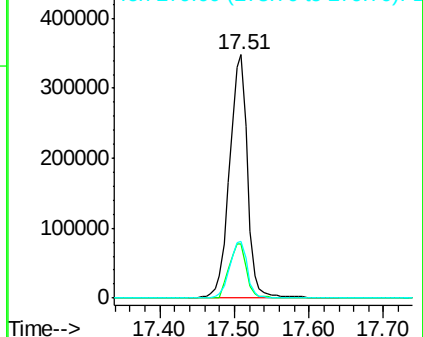
279 23.3 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 46.96 ng

RT: 17.87 min Scan# 2718

Delta R.T. -0.04 min

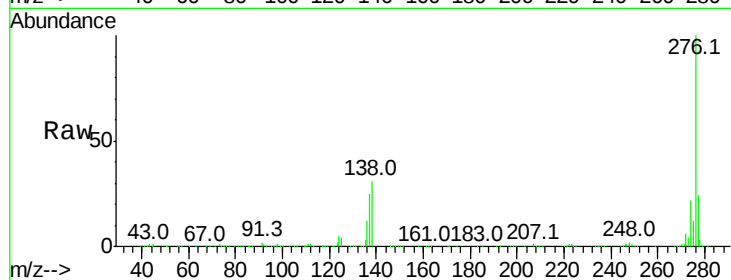
Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :



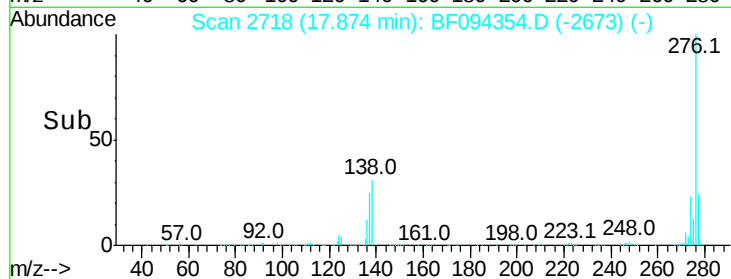
Tot Ion:276 Resp: 609032

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 31.4 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

