

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF093997.D
 Acq On : 28 Mar 2017 17:22
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 02:35:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	187604	20.00	ng	-0.02
21) Naphthalene-d8	7.44	136	772588	20.00	ng	-0.02
38) Acenaphthene-d10	9.58	164	351849	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	580937	20.00	ng	-0.02
75) Chrysene-d12	14.65	240	369083	20.00	ng	-0.03
86) Perylene-d12	16.28	264	301275	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	856970	77.15	ng	-0.01
7) Phenol-d6	5.54	99	1066118	77.59	ng	-0.01
23) Nitrobenzene-d5	6.59	82	1076458	79.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	227944	81.98	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	1852783	80.32	ng	-0.02
78) Terphenyl-d14	13.38	244	1556963	94.56	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.28	88	197020	36.92	ng	96
3) Pyridine	2.79	79	553994	38.09	ng	98
4) n-Nitrosodimethylamine	2.74	42	226105	37.78	ng	93
6) Aniline	5.56	93	650203	34.02	ng	# 28
8) 2-Chlorophenol	5.70	128	487706	39.95	ng	96
9) Benzaldehyde	5.43	77	333315	35.92	ng	99
10) Phenol	5.56	94	578574	37.00	ng	80
11) bis(2-Chloroethyl)ether	5.64	93	491035	40.18	ng	98
12) 1,3-Dichlorobenzene	5.86	146	542852	39.64	ng	98
13) 1,4-Dichlorobenzene	5.95	146	550752	39.71	ng	97
14) 1,2-Dichlorobenzene	6.13	146	503926	39.45	ng	97
15) Benzyl Alcohol	6.10	79	382046	37.99	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.26	45	703288	37.35	ng	93
17) 2-Methylphenol	6.25	107	415982	39.78	ng	96
18) Hexachloroethane	6.52	117	192501	39.49	ng	# 85
19) n-Nitroso-di-n-propylamine	6.42	70	346166	39.20	ng	97
20) 3+4-Methylphenols	6.43	107	526451	41.57	ng	# 63
22) Acetophenone	6.41	105	715938	41.58	ng	# 88
24) Nitrobenzene	6.61	77	529400	39.65	ng	94
25) Isophorone	6.90	82	946122	39.77	ng	96
26) 2-Nitrophenol	6.98	139	283028	44.45	ng	97
27) 2,4-Dimethylphenol	7.05	122	440488	40.15	ng	98
28) bis(2-Chloroethoxy)methane	7.16	93	623302	39.73	ng	100
29) 2,4-Dichlorophenol	7.28	162	418455	40.79	ng	99
30) 1,2,4-Trichlorobenzene	7.37	180	430217	40.72	ng	98
31) Naphthalene	7.46	128	1469776	39.56	ng	99
32) Benzoic acid	7.22	122	319062	43.69	ng	97
33) 4-Chloroaniline	7.53	127	613971	40.78	ng	95
34) Hexachlorobutadiene	7.62	225	221248	40.83	ng	97
35) Caprolactam	8.00	113	132539	40.52	ng	93
36) 4-Chloro-3-methylphenol	8.15	107	433408	40.43	ng	89
37) 2-Methylnaphthalene	8.30	142	984515	39.76	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	387309	40.24	ng	99
40) Hexachlorocyclopentadiene	8.50	237	177430	39.39	ng	97

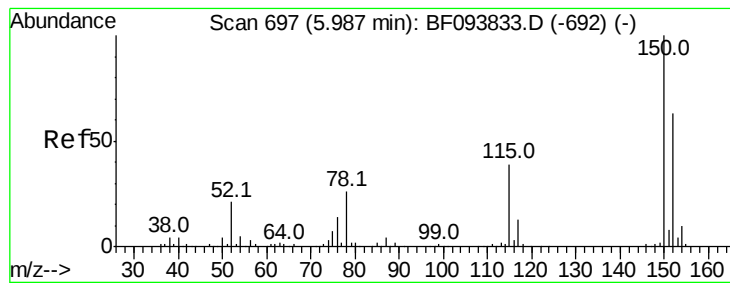
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	278577	40.91	nq	96
43) 2,4,5-Trichlorophenol	8.71	196	304180	41.28	nq	# 93
45) 1,1'-Biphenyl	8.88	154	1122292	39.55	nq	98
46) 2-Chloronaphthalene	8.90	162	882078	39.71	nq	94
47) 2-Nitroaniline	9.03	65	263719	40.02	nq	88
48) Acenaphthylene	9.41	152	1431474	38.77	nq	99
49) Dimethylphthalate	9.27	163	1015372	40.60	nq	99
50) 2,6-Dinitrotoluene	9.33	165	237061	41.35	nq	# 88
51) Acenaphthene	9.62	154	837651	38.88	nq	99
52) 3-Nitroaniline	9.54	138	254552	37.81	nq	91
53) 2,4-Dinitrophenol	9.66	184	110977	38.73	nq	# 74
54) Dibenzofuran	9.83	168	1111517	37.90	nq	100
55) 4-Nitrophenol	9.77	139	187017	35.47	nq	# 70
56) 2,4-Dinitrotoluene	9.83	165	270060	37.50	nq	# 70
57) Fluorene	10.26	166	889271	36.56	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	201773	39.91	nq	97
59) Diethylphthalate	10.14	149	977864	39.56	nq	98
60) 4-Chlorophenyl-phenylether	10.26	204	390141	37.66	nq	94
61) 4-Nitroaniline	10.29	138	241574	37.39	nq	95
62) Azobenzene	10.46	77	885455	37.87	nq	95
64) 4,6-Dinitro-2-methylphenol	10.33	198	146320	41.13	nq	# 67
65) n-Nitrosodiphenylamine	10.41	169	816229	40.63	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	243414	42.60	nq	96
67) Hexachlorobenzene	10.93	284	247105	42.72	nq	# 94
68) Atrazine	11.08	200	233687	38.84	nq	95
69) Pentachlorophenol	11.17	266	135523	37.65	nq	96
70) Phenanthrene	11.43	178	1263751	39.11	nq	99
71) Anthracene	11.50	178	1311777	39.42	nq	98
72) Carbazole	11.70	167	1256271	36.82	nq	99
73) Di-n-butylphthalate	12.14	149	1479527	41.70	nq	100
74) Fluoranthene	12.89	202	1225635	37.04	nq	98
77) Pyrene	13.17	202	1222414	45.64	nq	100
79) Butylbenzylphthalate	13.99	149	562449	49.28	nq	# 86
80) Benzo(a)anthracene	14.64	228	871844	40.51	nq	99
81) 3,3'-Dichlorobenzidine	14.62	252	217248	28.24	nq	# 96
82) Chrysene	14.69	228	801154	40.11	nq	99
83) Bis(2-ethylhexyl)phthalate	14.70	149	796820	51.17	nq	100
84) Di-n-octyl phthalate	15.46	149	1222523	47.00	nq	98
85) Indeno(1,2,3-cd)pyrene	17.65	276	789405	45.64	nq	99
87) Benzo(b)fluoranthene	15.87	252	721615	39.08	nq	98
88) Benzo(k)fluoranthene	15.87	252	721615	39.94	nq	96
89) Benzo(a)pyrene	16.22	252	685748	40.32	nq	99
90) Dibenzo(a,h)anthracene	17.67	278	658929	45.75	nq	99
91) Benzo(g,h,i)perylene	18.06	276	669873	46.15	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.93 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

BNA_F

ClientSampleId :

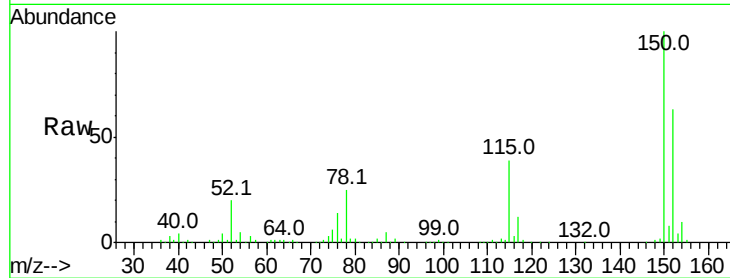
Tot Ion:152 Resp: 187604

Ion Ratio Lower Upper

152 100

150 158.9 126.2 189.2

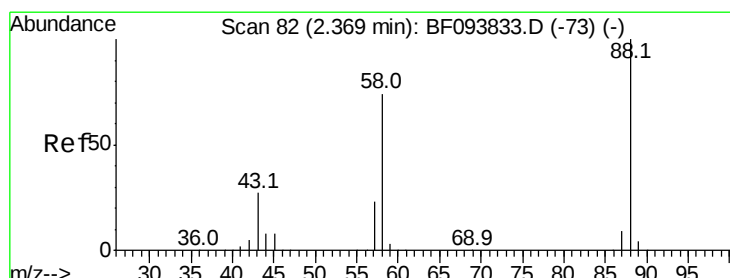
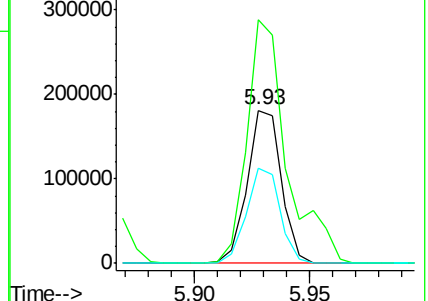
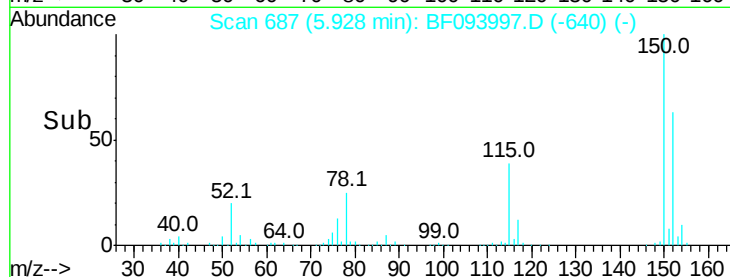
115 62.1 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.92 ng

RT: 2.28 min Scan# 67

Delta R.T. -0.04 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

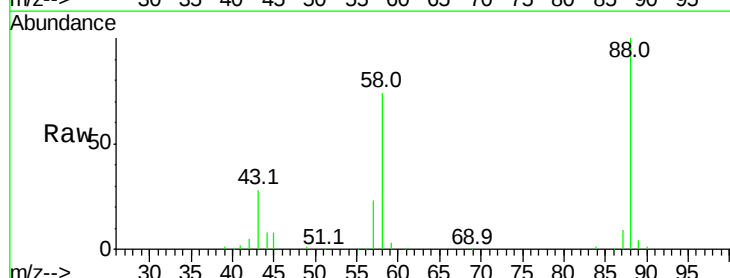
Tgt Ion: 88 Resp: 197020

Ion Ratio Lower Upper

88 100

58 73.4 61.4 92.0

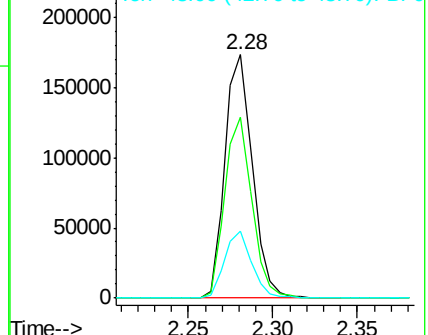
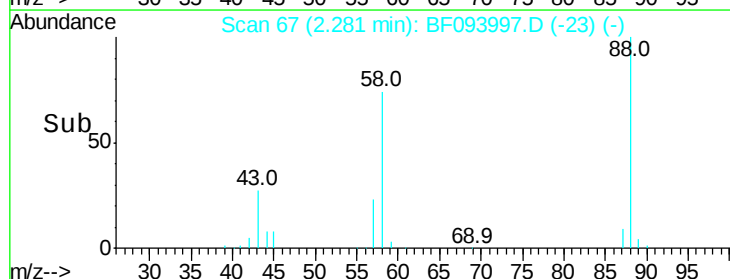
43 27.5 23.4 35.0

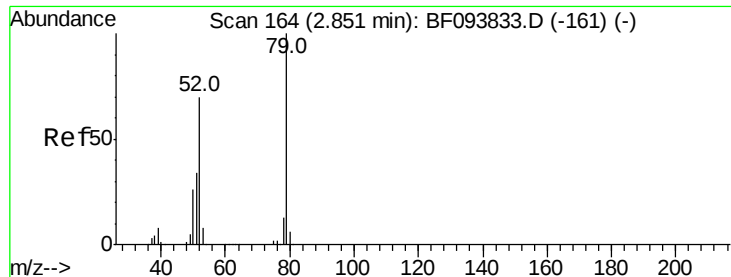


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.09 ng

RT: 2.79 min Scan# 153

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

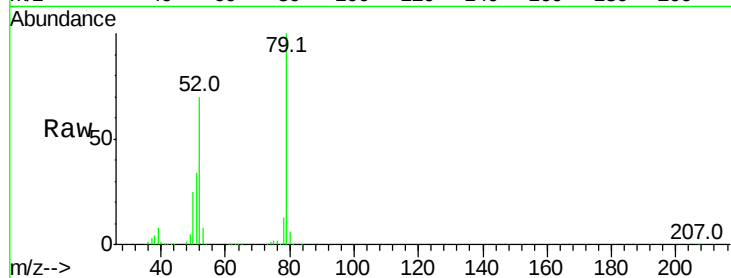
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 553994

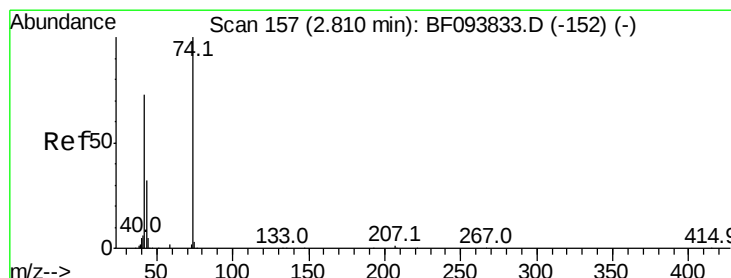
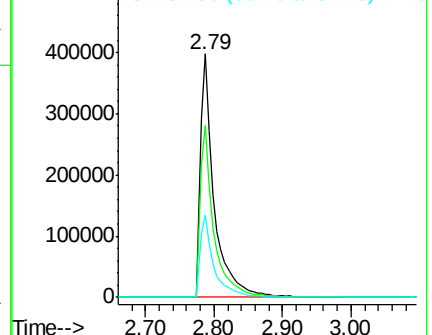
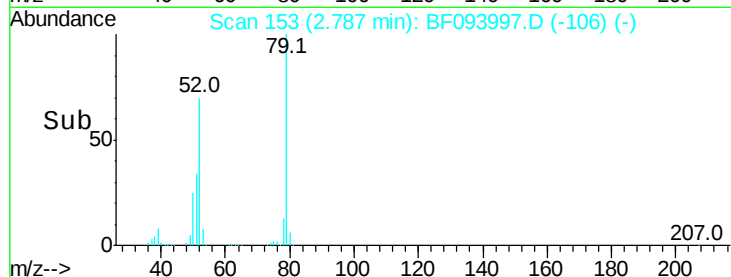
Ion	Ratio	Lower	Upper
79	100		
52	70.4	54.8	82.2
51	33.9	27.0	40.4



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: 37.78 ng

RT: 2.74 min Scan# 145

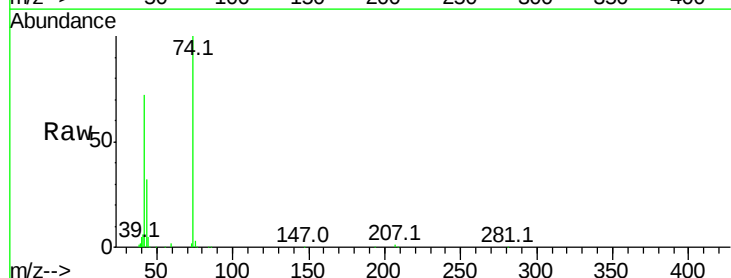
Delta R.T. -0.04 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Tgt Ion: 42 Resp: 226105

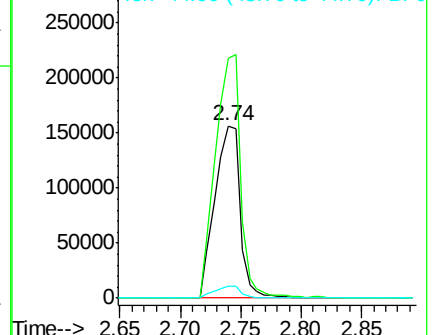
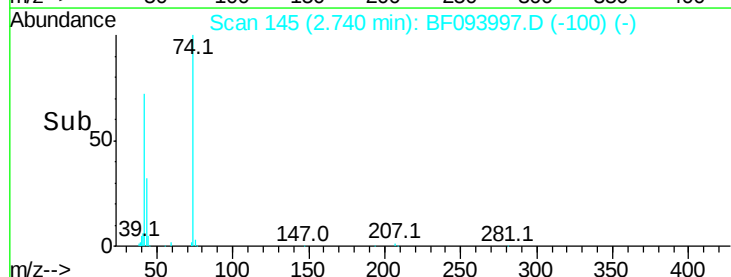
Ion	Ratio	Lower	Upper
42	100		
74	139.0	103.9	155.9
44	7.1	5.7	8.5

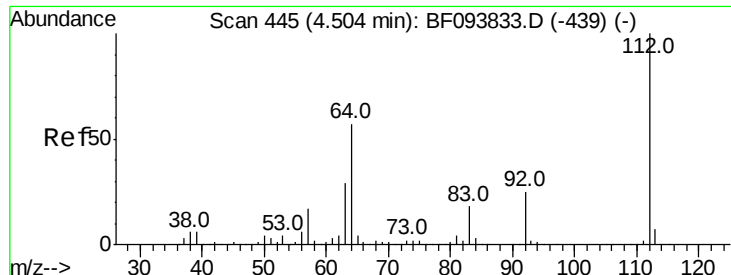


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 77.15 ng

RT: 4.46 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

BNA_F

ClientSampled :

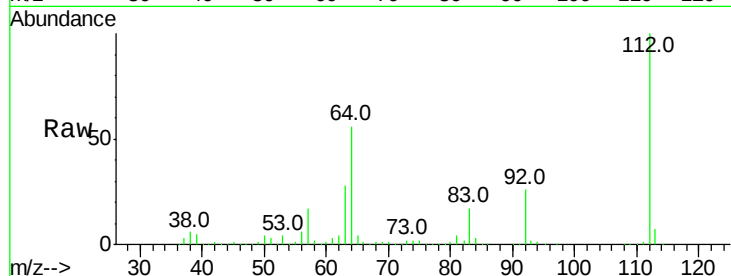
Tot Ion:112 Resp: 856970

Ion Ratio Lower Upper

112 100

64 56.1 46.0 69.0

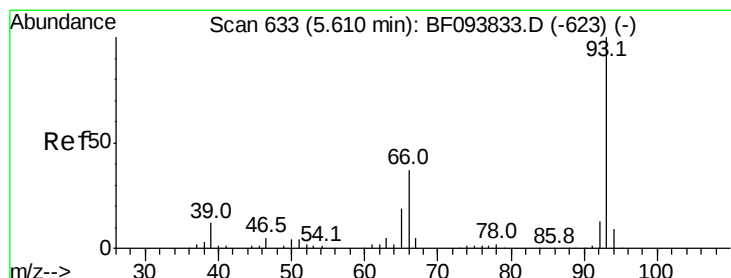
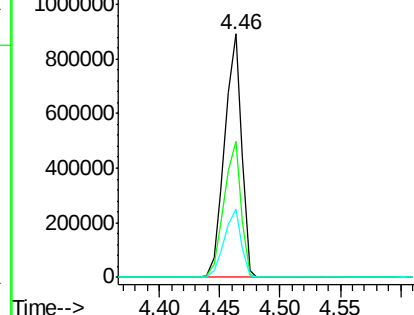
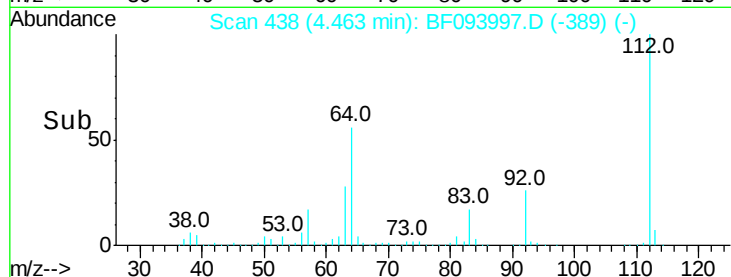
63 28.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.02 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

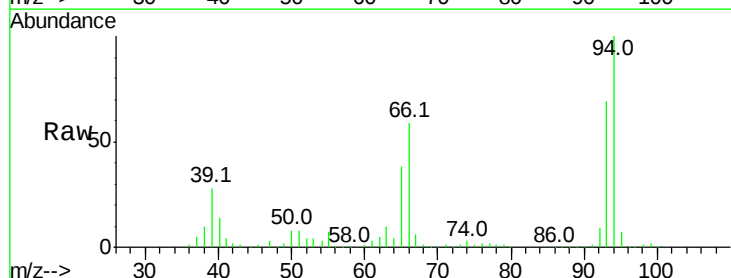
Tgt Ion: 93 Resp: 650203

Ion Ratio Lower Upper

93 100

66 84.8 32.9 49.3#

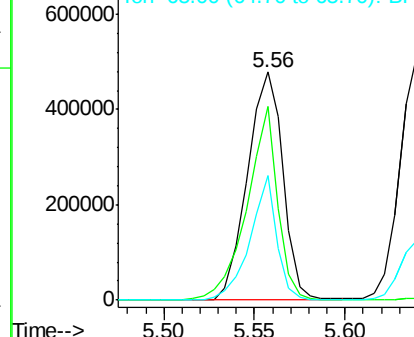
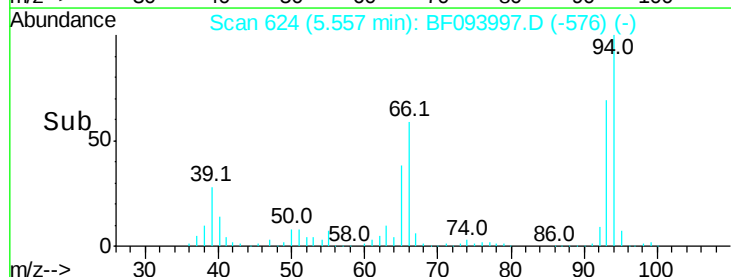
65 54.8 16.0 24.0#

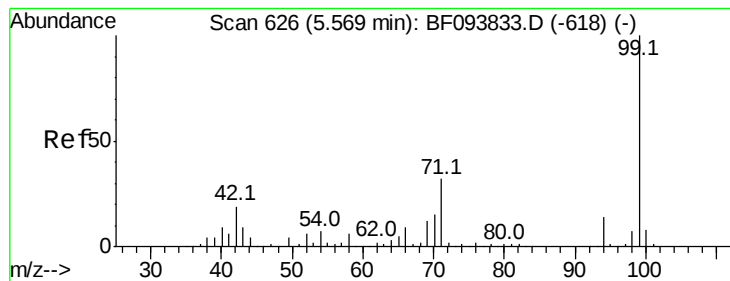


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.59 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

BNA_F

ClientSampled :

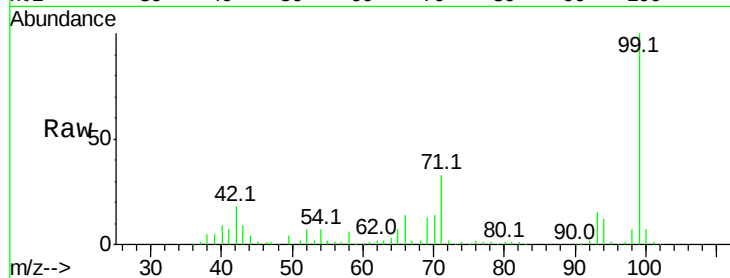
Tot Ion: 99 Resp: 1066118

Ion Ratio Lower Upper

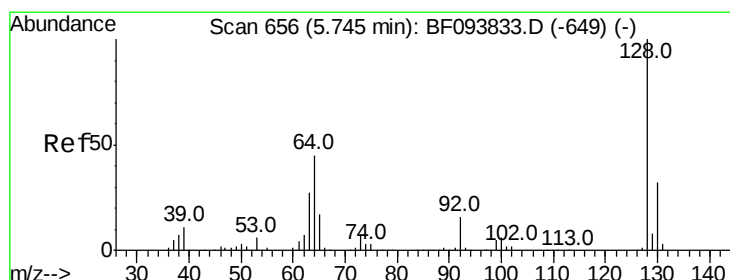
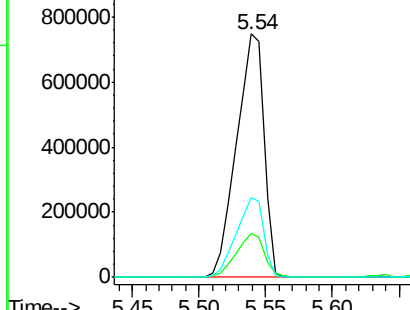
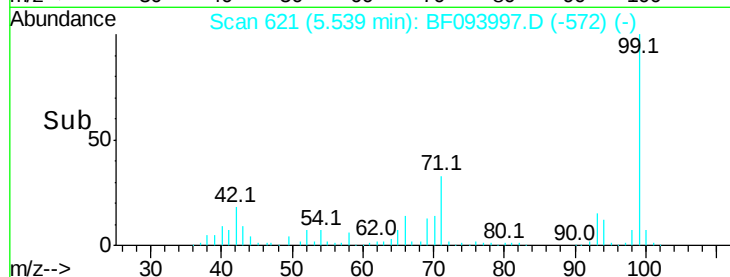
99 100

42 18.3 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: 39.95 ng

RT: 5.70 min Scan# 648

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

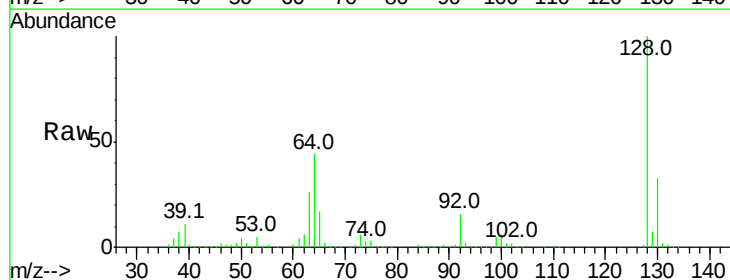
Tgt Ion: 128 Resp: 487706

Ion Ratio Lower Upper

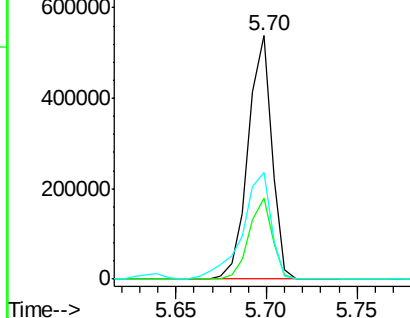
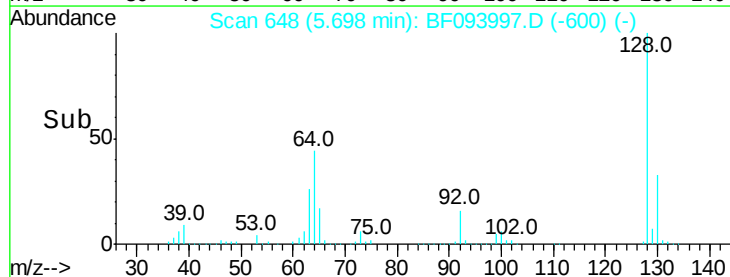
128 100

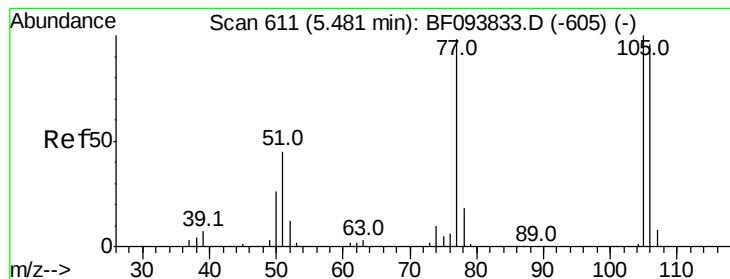
130 33.1 12.9 52.9

64 43.7 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: 35.92 ng

RT: 5.43 min Scan# 602

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

BNA_F

ClientSampled :

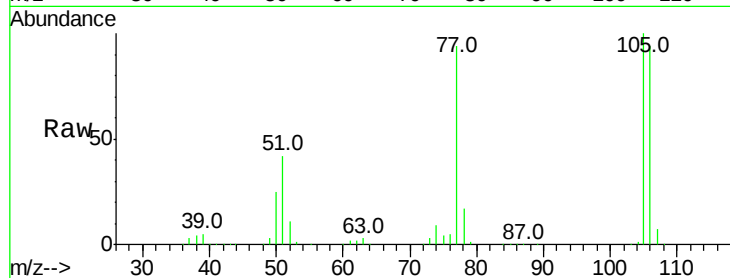
Tot Ion: 77 Resp: 333315

Ion Ratio Lower Upper

77 100

105 105.9 83.8 123.8

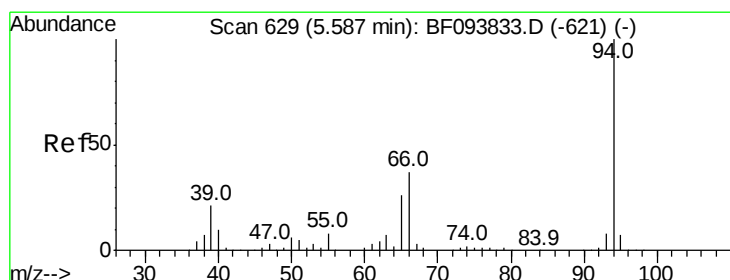
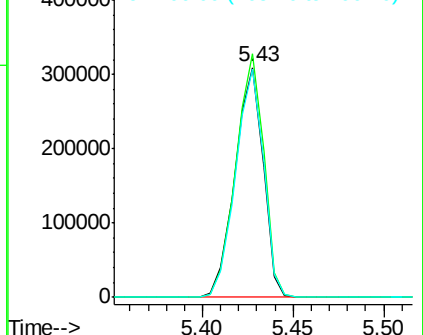
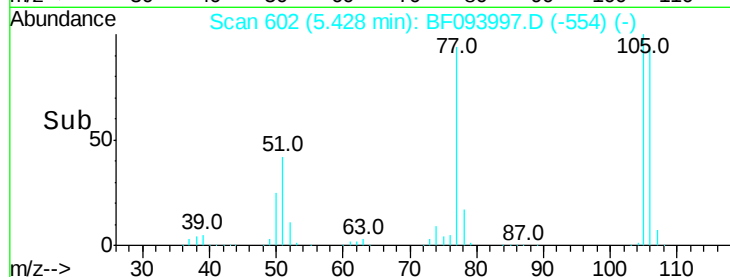
106 99.0 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.00 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

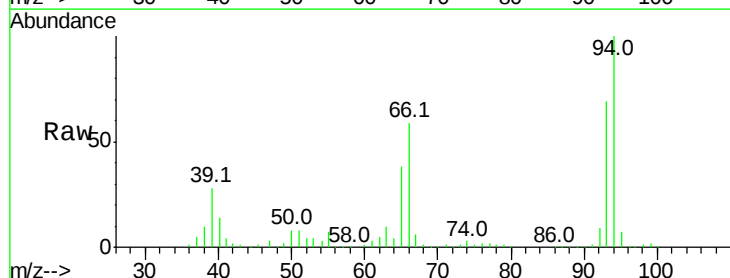
Tgt Ion: 94 Resp: 578574

Ion Ratio Lower Upper

94 100

65 37.9 9.9 49.9

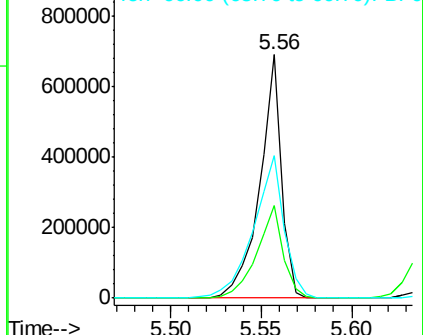
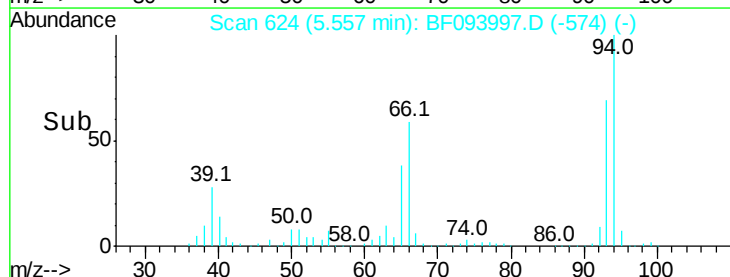
66 58.7 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

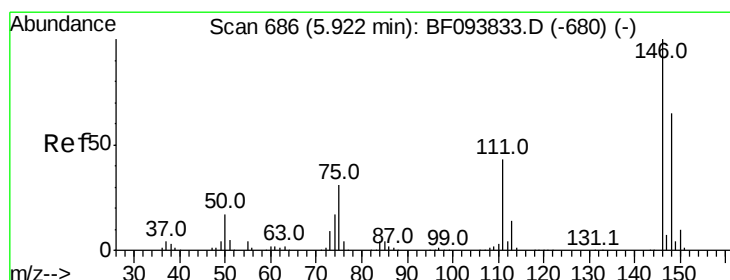
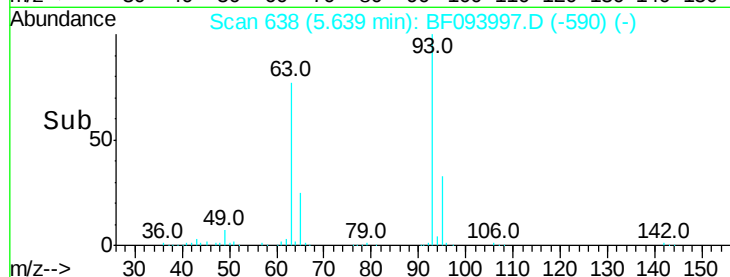
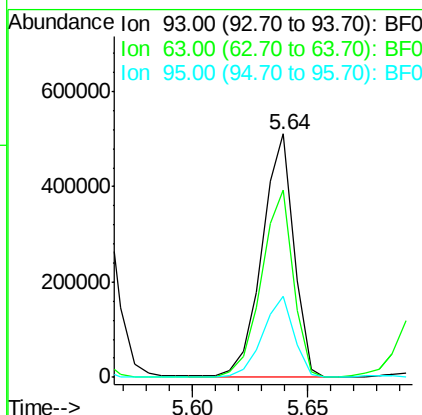
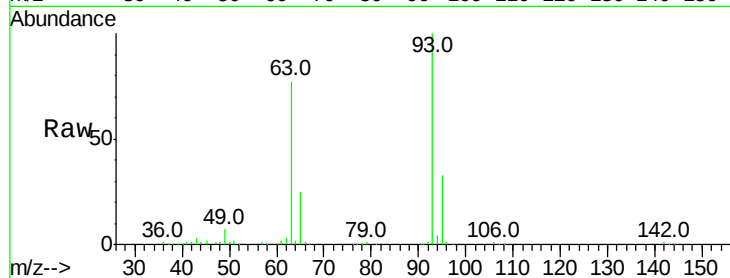




#11
bis(2-Chloroethyl)ether
Concen: 40.18 ng
RT: 5.64 min Scan# 638
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

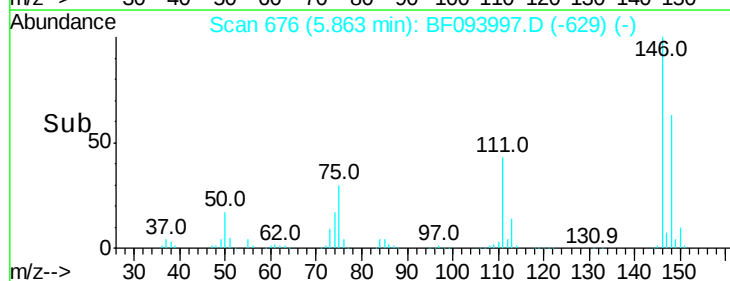
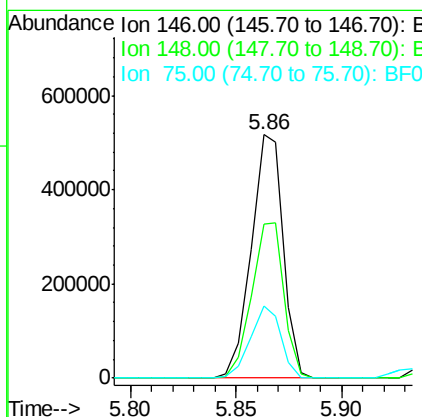
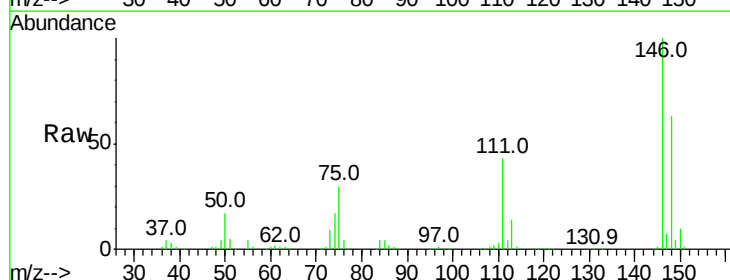
Instrument :
BNA_F
ClientSampleId :

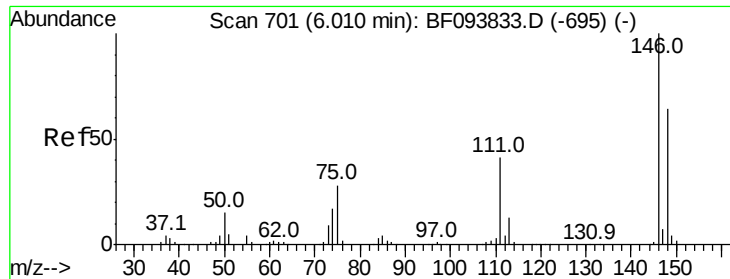
Tot Ion: 93 Resp: 491035
Ion Ratio Lower Upper
93 100
63 77.1 59.2 99.2
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.64 ng
RT: 5.86 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion: 146 Resp: 542852
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.6
75 29.6 23.1 34.7

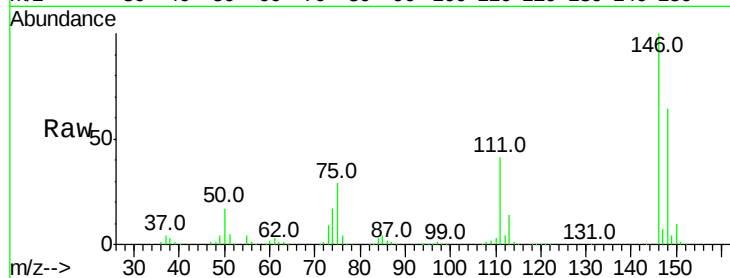




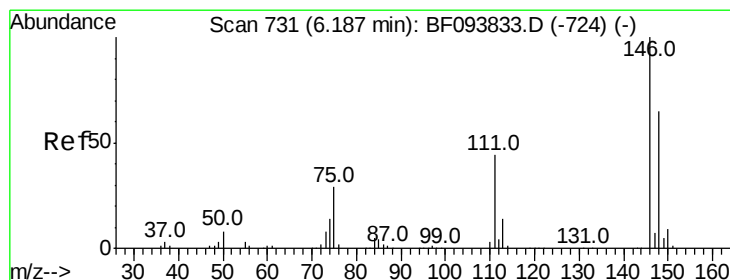
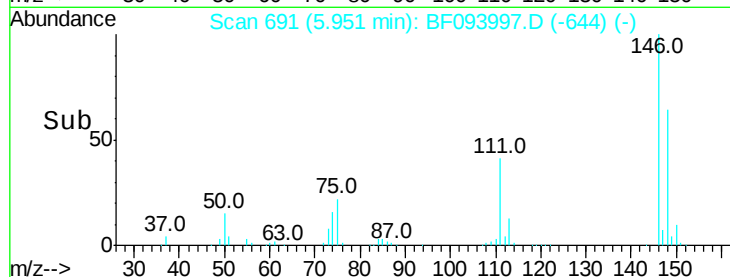
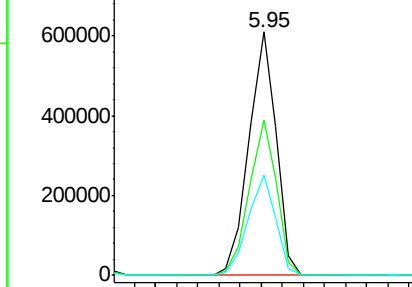
#13
 1,4-Dichlorobenzene
 Concen: 39.71 ng
 RT: 5.95 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 550752
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.2 78.2
 111 41.4 30.3 45.5

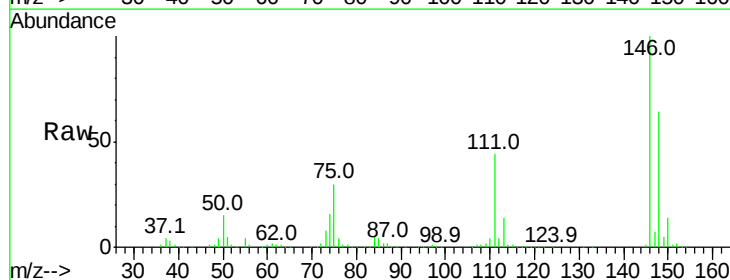


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

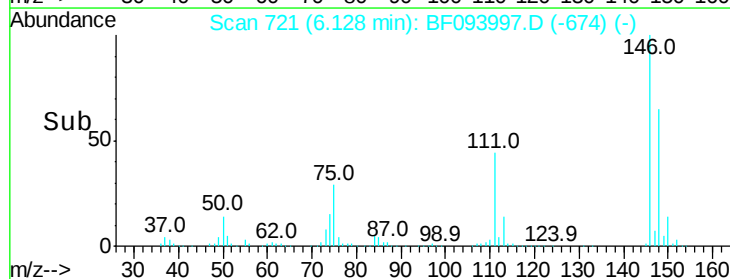
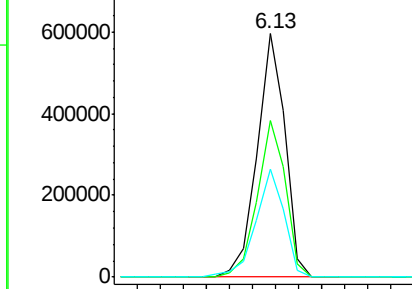


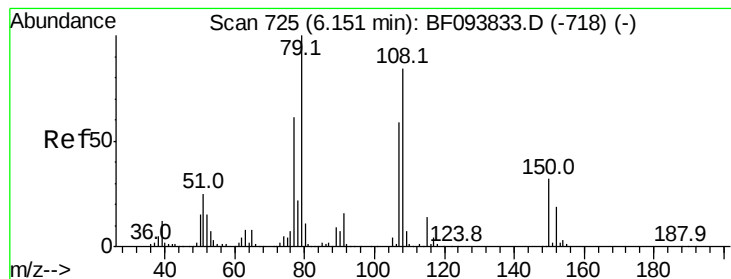
#14
 1,2-Dichlorobenzene
 Concen: 39.45 ng
 RT: 6.13 min Scan# 721
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion:146 Resp: 503926
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.4 75.6
 111 44.3 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 37.99 ng

RT: 6.10 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

BNA_F

ClientSampleId :

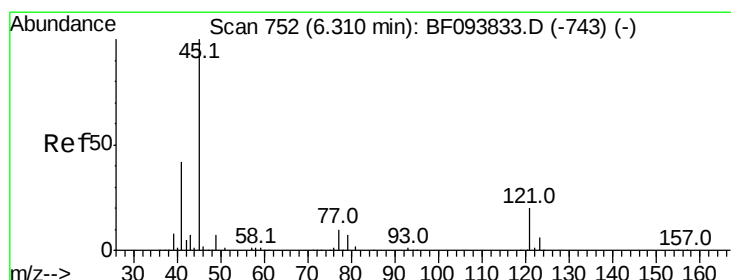
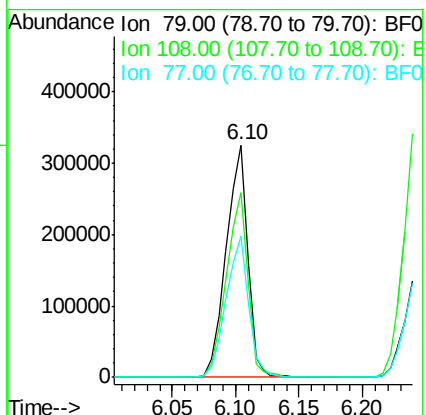
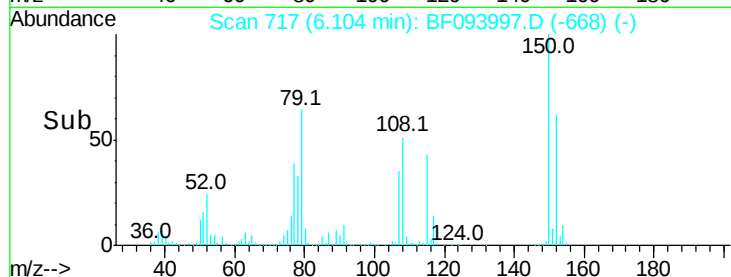
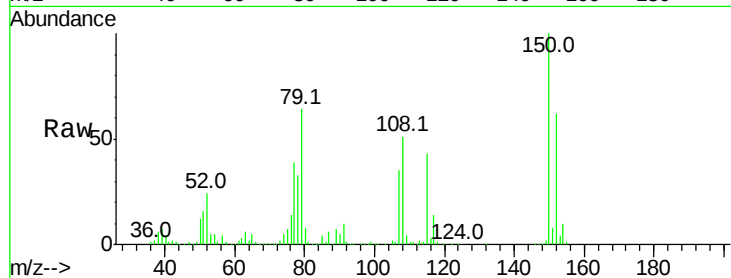
Tot Ion: 79 Resp: 382046

Ion Ratio Lower Upper

79 100

108 79.8 63.4 95.0

77 61.1 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.35 ng

RT: 6.26 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

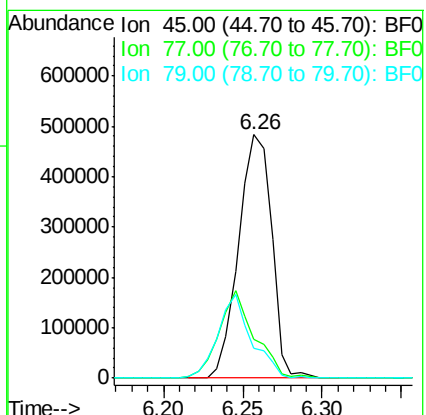
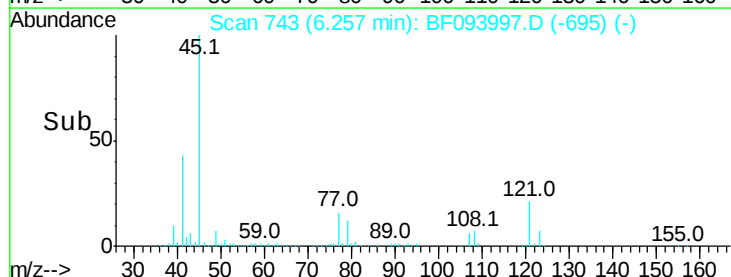
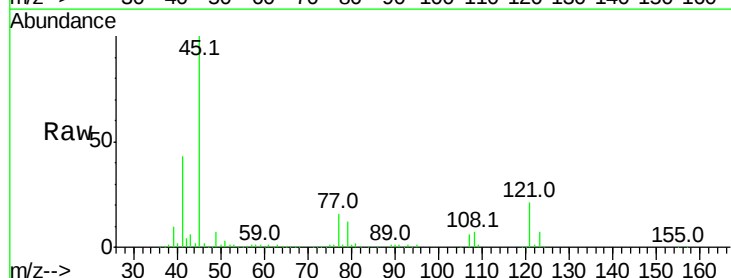
Tgt Ion: 45 Resp: 703288

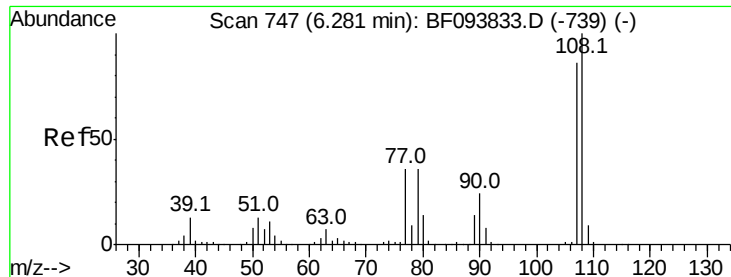
Ion Ratio Lower Upper

45 100

77 15.9 0.0 33.2

79 12.4 0.0 30.0

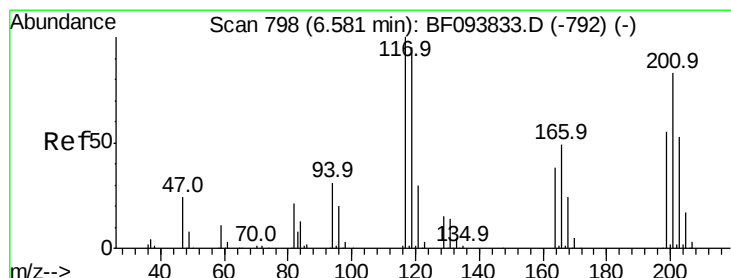
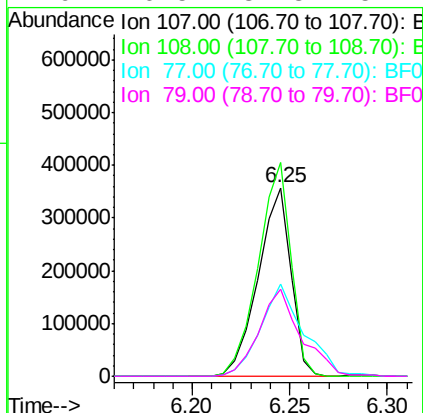
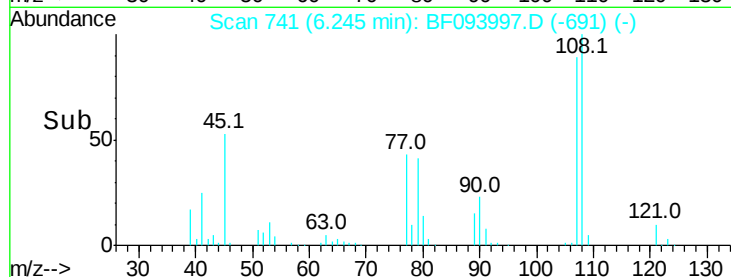
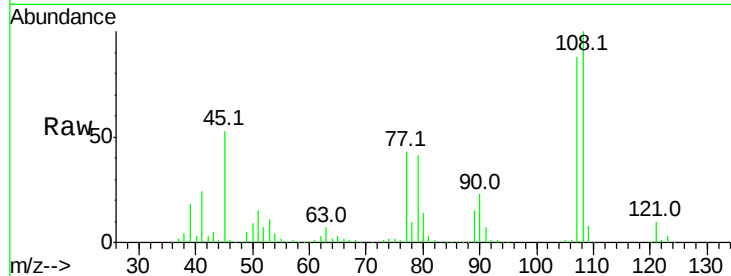




#17
2-Methylphenol
Concen: 39.78 ng
RT: 6.25 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

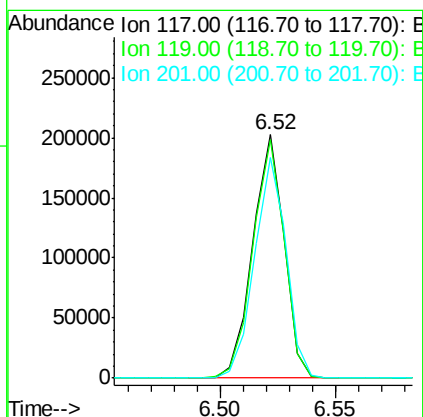
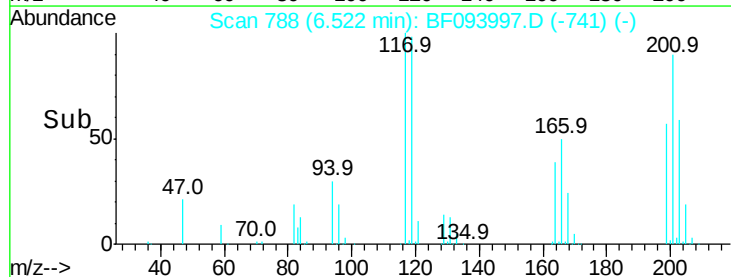
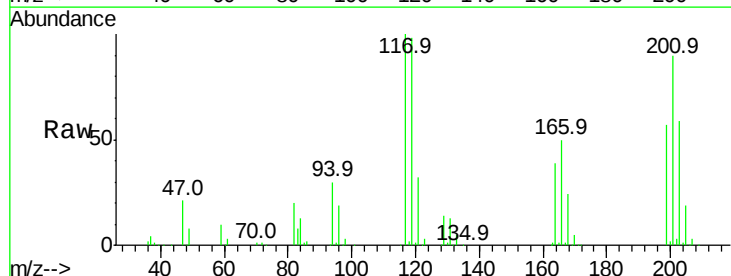
Instrument :
BNA_F
ClientSampleId :

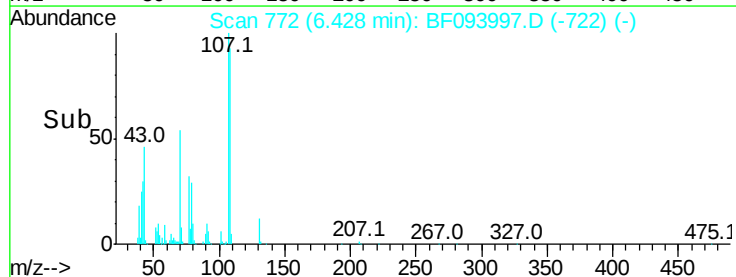
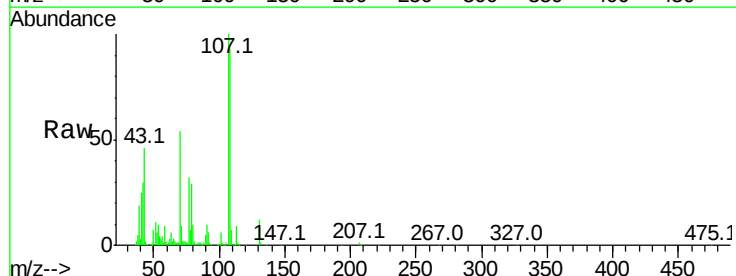
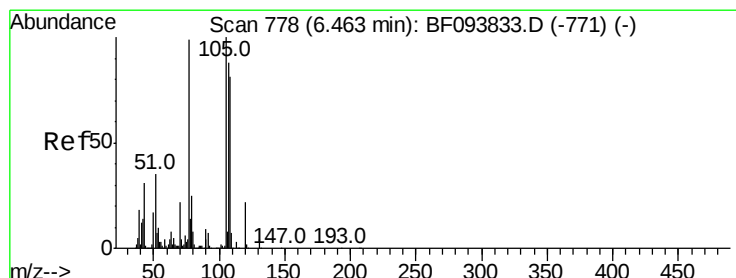
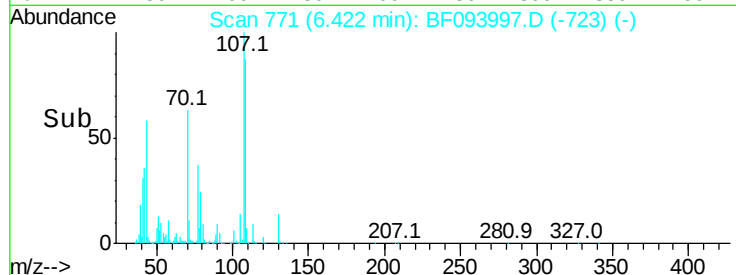
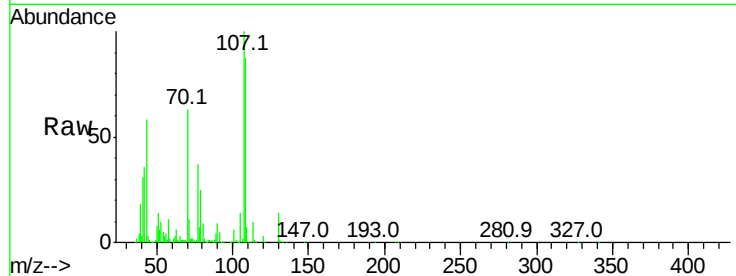
Tot Ion:107 Resp: 415982
Ion Ratio Lower Upper
107 100
108 113.2 93.4 140.0
77 48.7 35.8 53.6
79 46.5 34.8 52.2



#18
Hexachloroethane
Concen: 39.49 ng
RT: 6.52 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion:117 Resp: 192501
Ion Ratio Lower Upper
117 100
119 98.1 77.4 116.0
201 90.4 94.6 141.8#

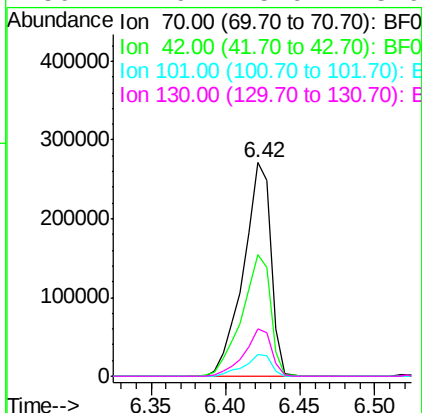




#19
n-Nitroso-di-n-propylamine
Concen: 39.20 ng
RT: 6.42 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

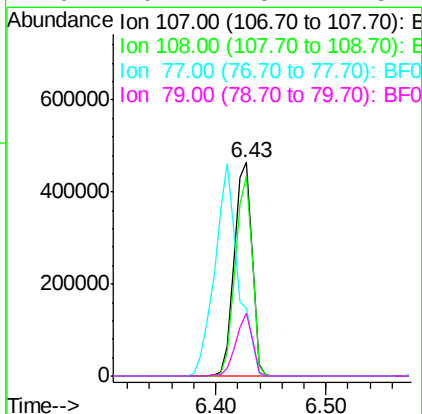
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	346166
Ion	Ratio	Lower	Upper
70	100		
42	56.7	47.2	70.8
101	10.1	7.2	10.8
130	21.9	15.9	23.9



#20
3+4-Methylphenols
Concen: 41.57 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion:	107	Resp:	526451
Ion	Ratio	Lower	Upper
107	100		
108	93.2	71.0	111.0
77	32.0	90.5	130.5#
79	29.4	8.4	48.4

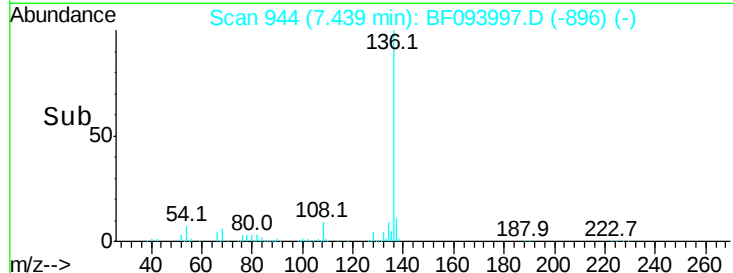
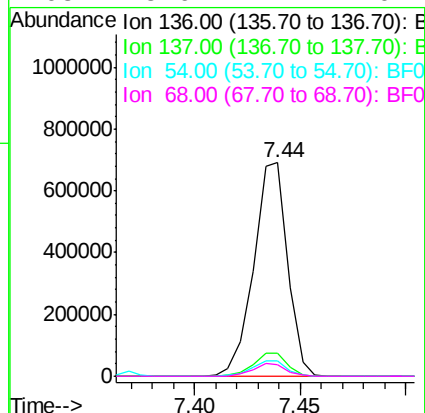
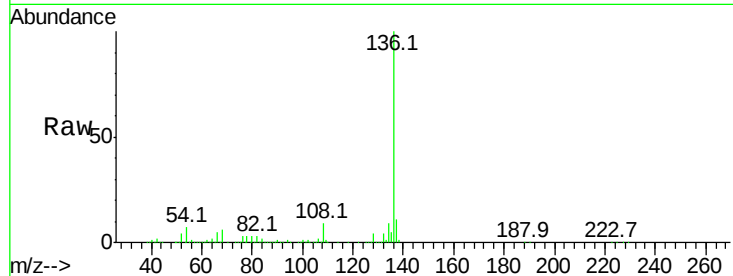




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.44 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

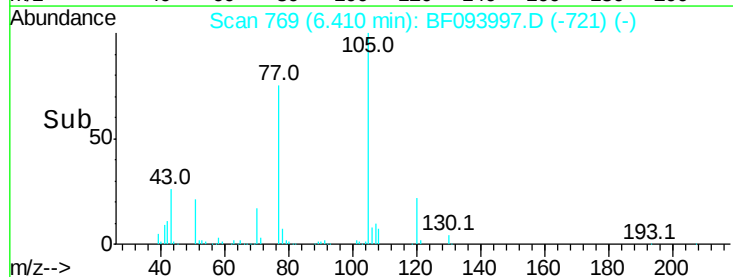
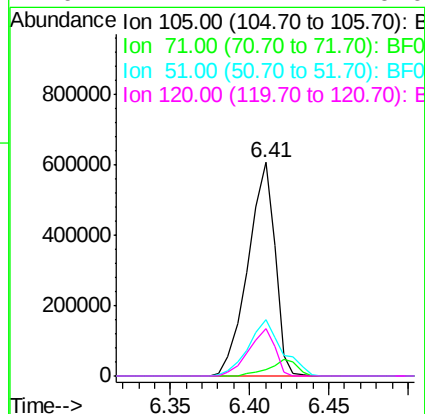
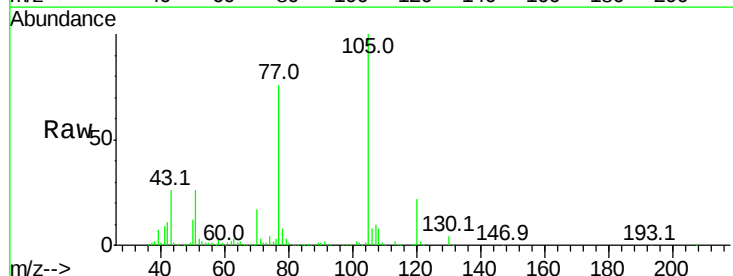
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 772588
Ion Ratio	Lower Upper
136 100	
137 10.9	8.5 12.7
54 7.0	4.9 7.3
68 5.6	4.1 6.1



#22
Acetophenone
Concen: 41.58 ng
RT: 6.41 min Scan# 769
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt	Ion:105	Resp:	715938
Ion	Ratio	Lower	Upper
105	100		
71	3.1	2.8	4.2
51	26.5	30.7	46.1#
120	22.2	17.4	26.0





#23

Nitrobenzene-d5

Concen: 79.51 ng

RT: 6.59 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

BNA_F

ClientSampleId :

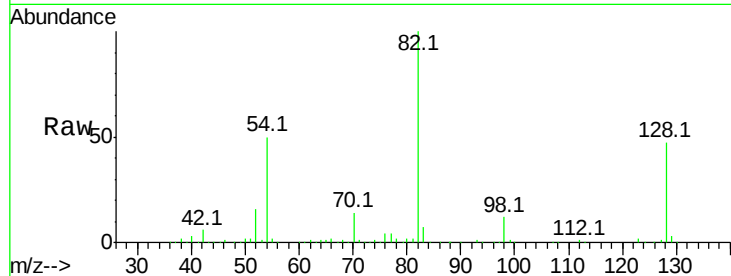
Tot Ion: 82 Resp: 1076458

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

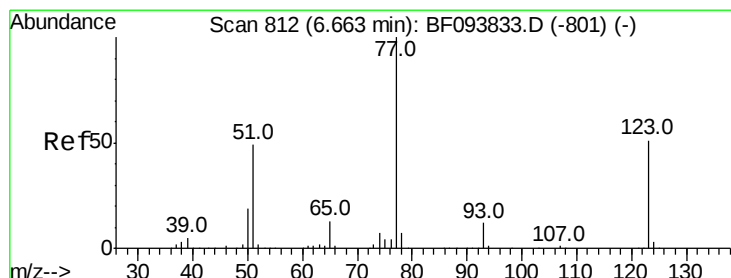
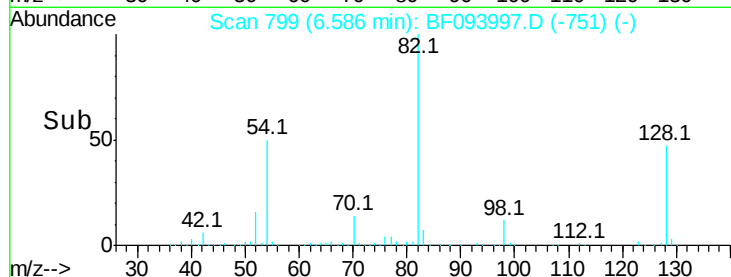
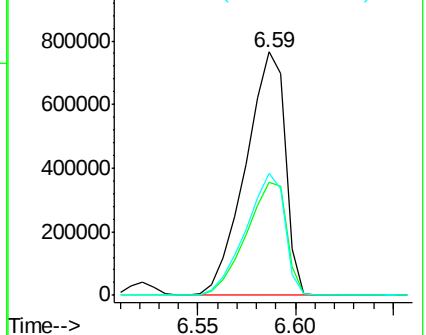
54 50.3 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.65 ng

RT: 6.61 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

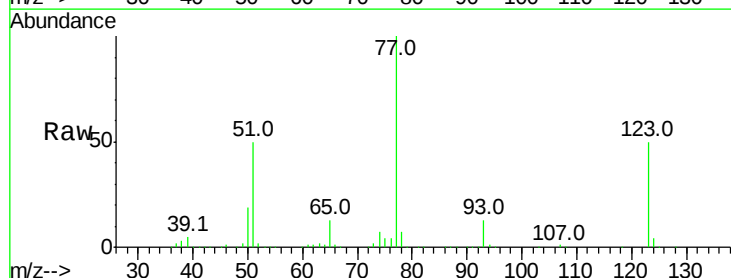
Tgt Ion: 77 Resp: 529400

Ion Ratio Lower Upper

77 100

123 49.7 35.8 53.8

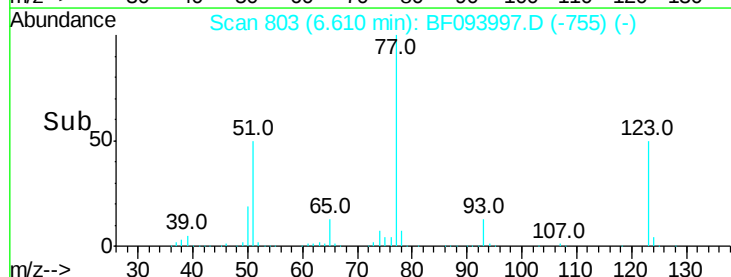
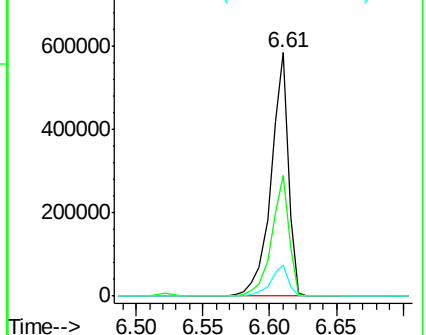
65 12.8 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.77 ng

RT: 6.90 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

BNA_F

ClientSampled :

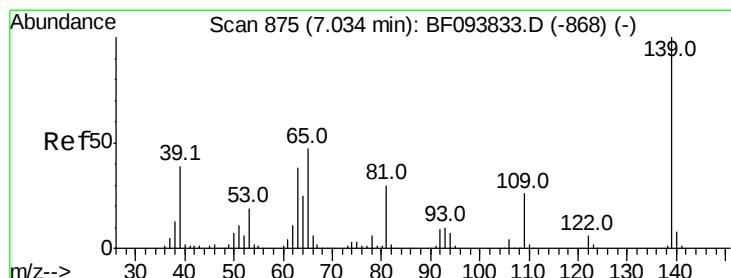
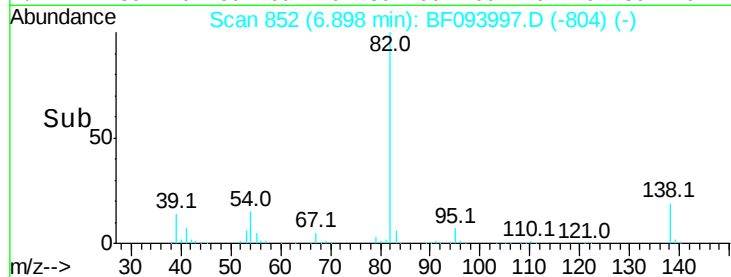
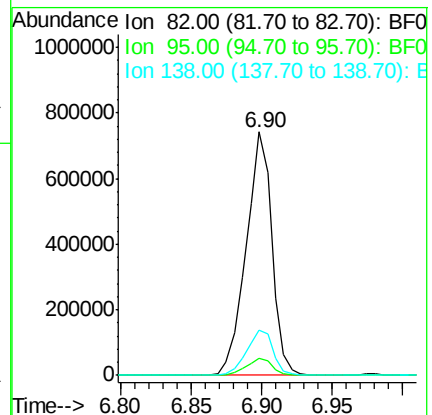
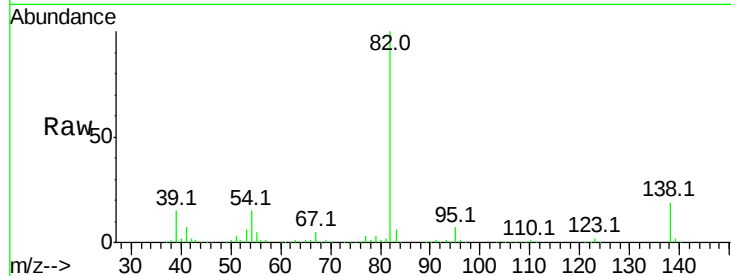
Tot Ion: 82 Resp: 946122

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.7 13.1 19.7



#26

2-Nitrophenol

Concen: 44.45 ng

RT: 6.98 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

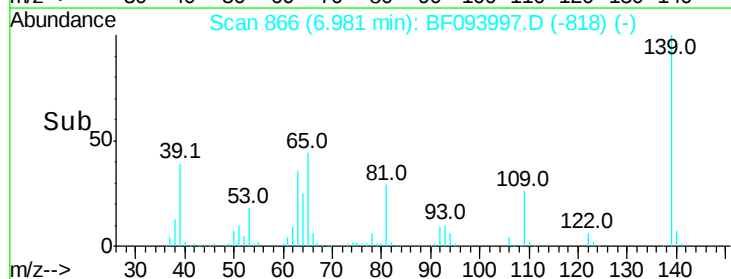
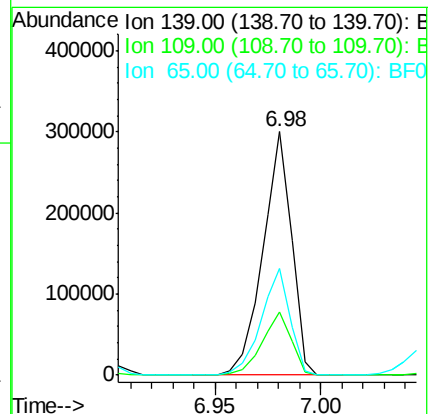
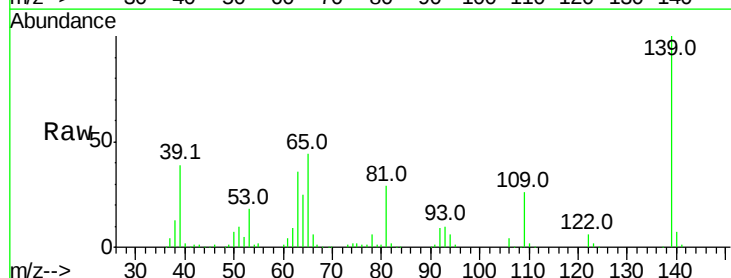
Tgt Ion: 139 Resp: 283028

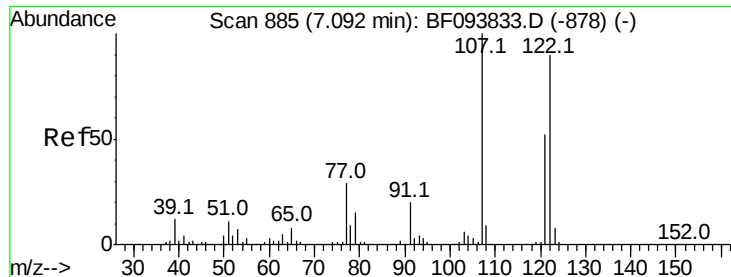
Ion Ratio Lower Upper

139 100

109 26.2 21.0 31.6

65 44.0 33.0 49.6

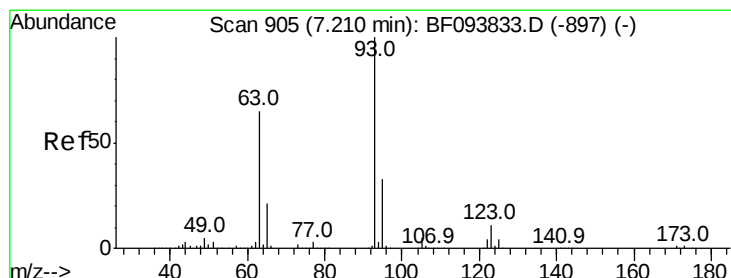
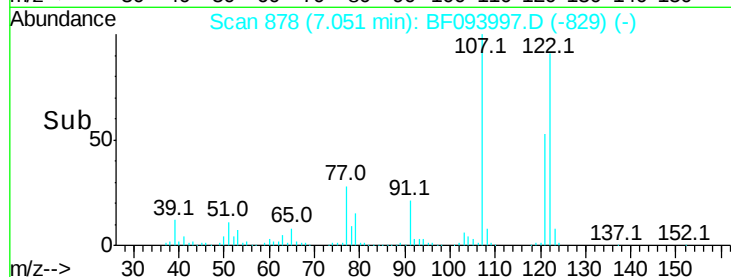
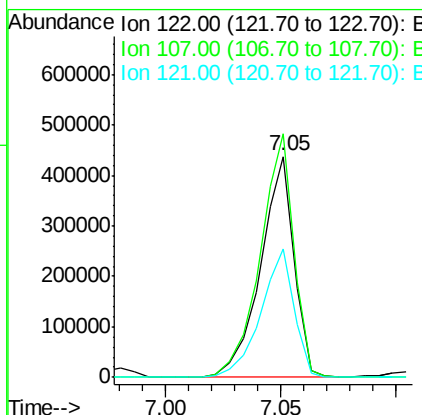
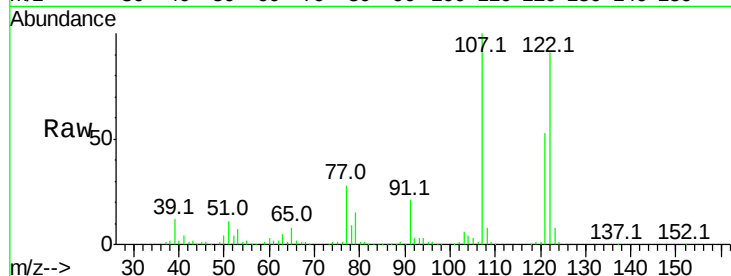




#27
 2,4-Dimethylphenol
 Concen: 40.15 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

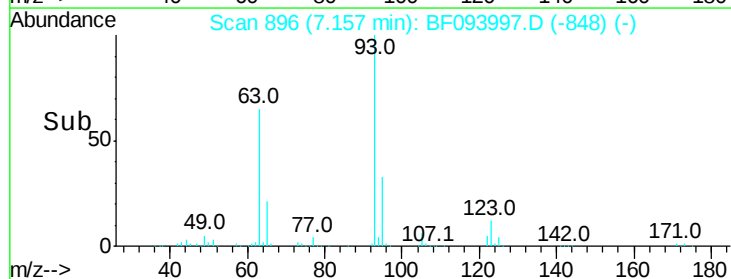
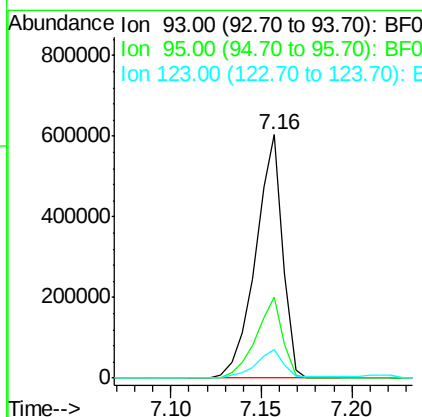
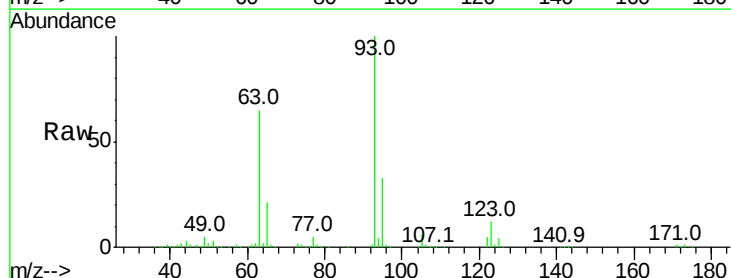
Instrument :
 BNA_F
 ClientSampleId :

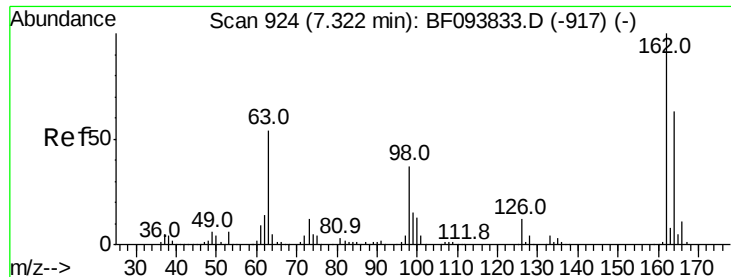
Tot Ion:122 Resp: 440488
 Ion Ratio Lower Upper
 122 100
 107 110.3 89.2 133.8
 121 58.2 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.73 ng
 RT: 7.16 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion: 93 Resp: 623302
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.5 39.7
 123 11.8 9.0 13.4

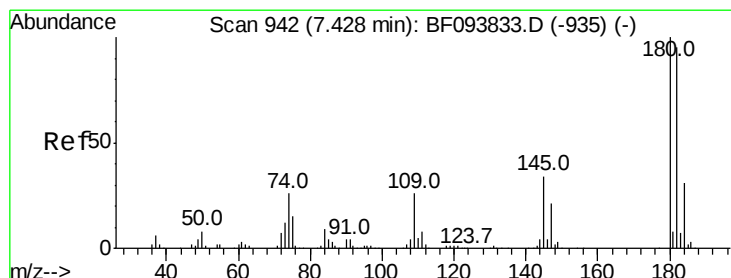
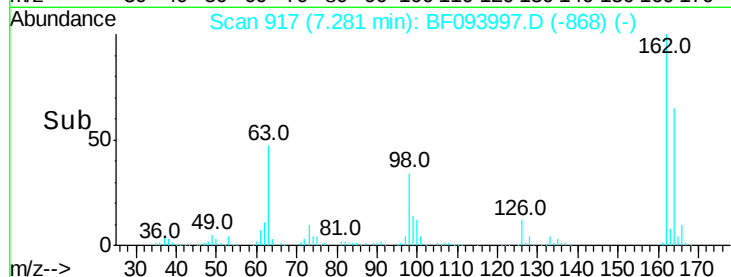
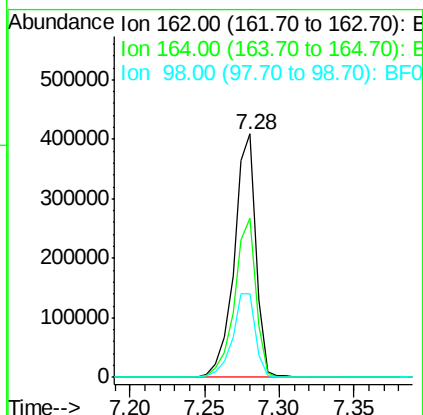
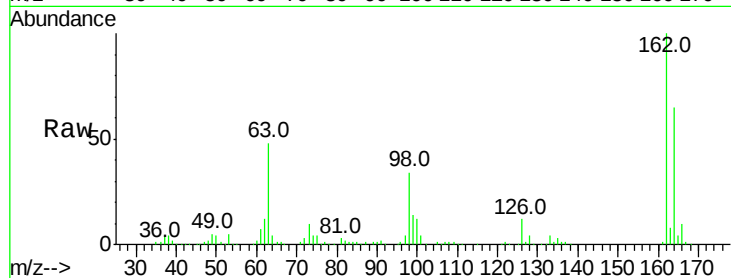




#29
 2,4-Dichlorophenol
 Concen: 40.79 ng
 RT: 7.28 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

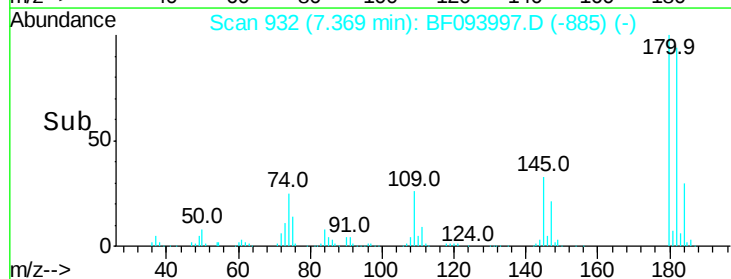
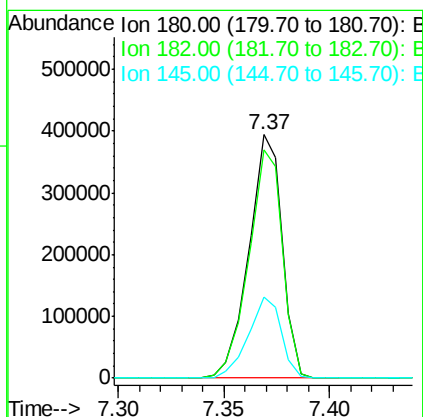
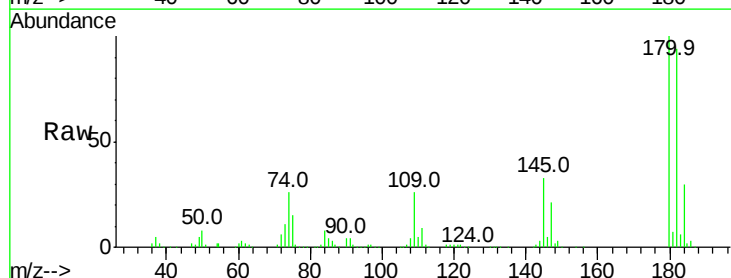
Instrument :
 BNA_F
 ClientSampled :

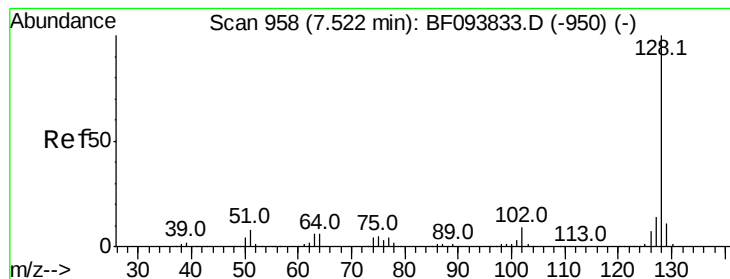
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.6	84.6
98	34.2	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 40.72 ng
 RT: 7.37 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.8	113.6
145	33.3	25.3	37.9





#31

Naphthalene

Concen: 39.56 ng

RT: 7.46 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

BNA_F

ClientSampleId :

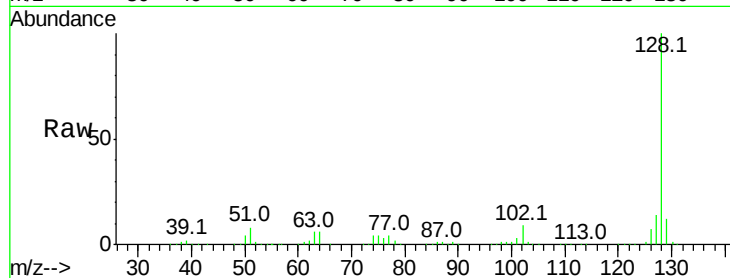
Tot Ion:128 Resp: 1469776

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

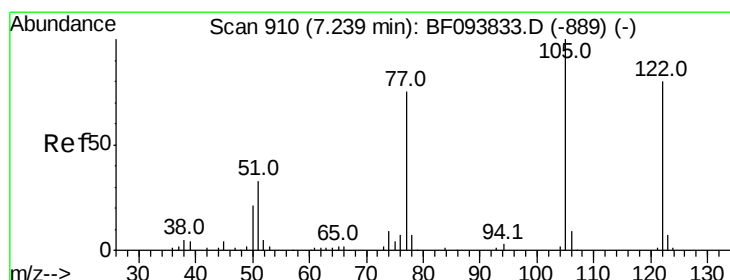
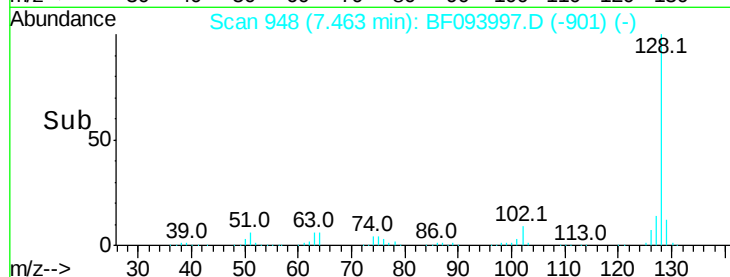
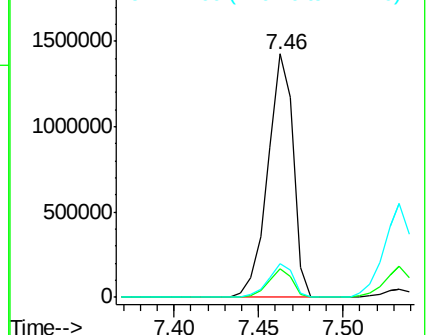
127 13.7 10.8 16.2



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: 43.69 ng

RT: 7.22 min Scan# 907

Delta R.T. 0.01 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

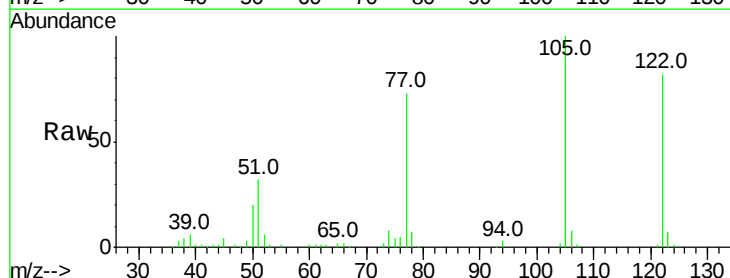
Tgt Ion:122 Resp: 319062

Ion Ratio Lower Upper

122 100

105 121.6 103.3 143.3

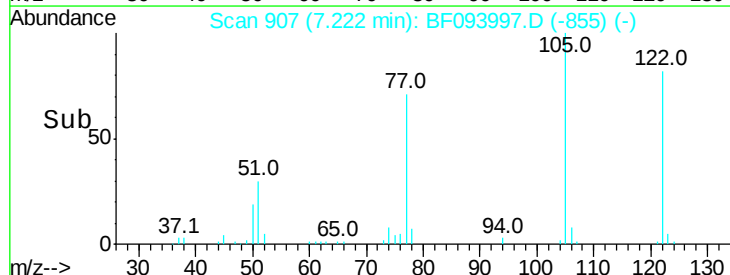
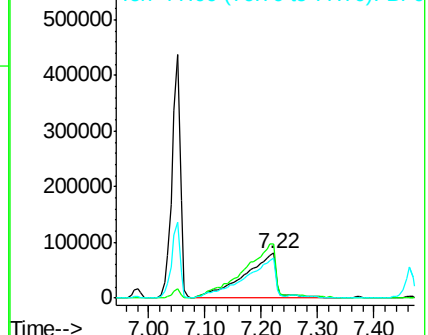
77 88.3 73.7 113.7



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: 40.78 ng

RT: 7.53 min Scan# 960

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 613971

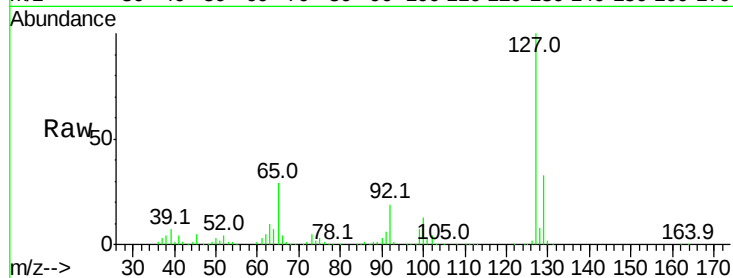
Ion Ratio Lower Upper

127 100

129 32.9 26.2 39.2

65 29.2 27.8 41.8

92 19.0 16.8 25.2

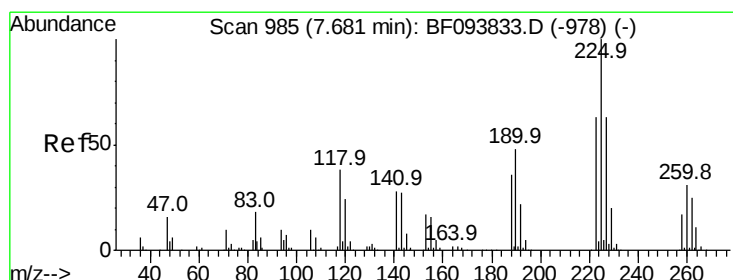
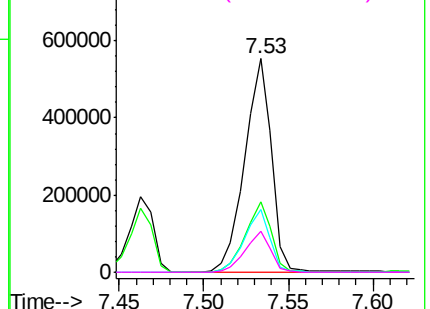
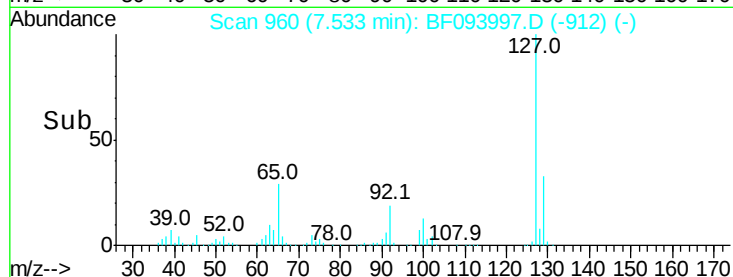


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.83 ng

RT: 7.62 min Scan# 974

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

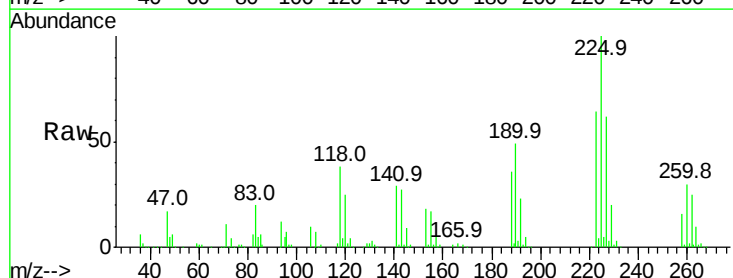
Tgt Ion:225 Resp: 221248

Ion Ratio Lower Upper

225 100

223 63.7 48.8 73.2

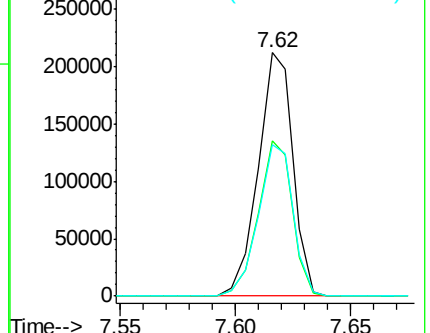
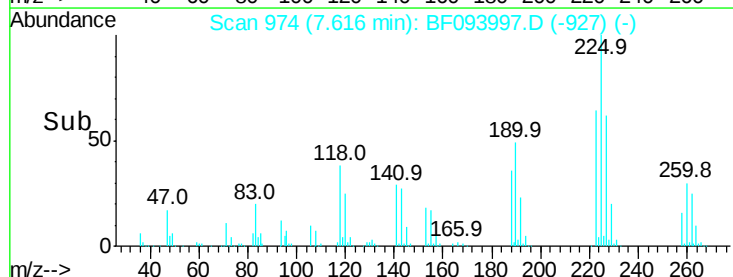
227 62.0 51.1 76.7

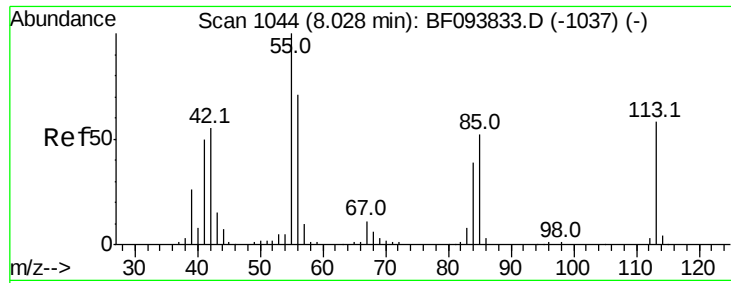


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

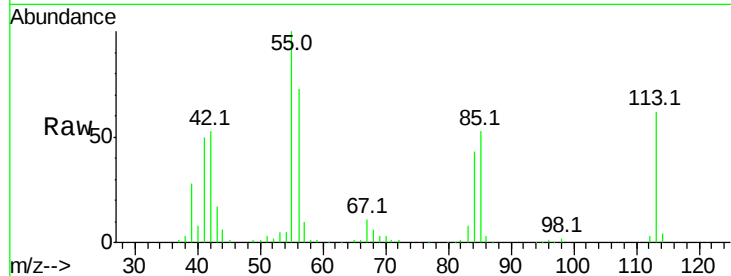




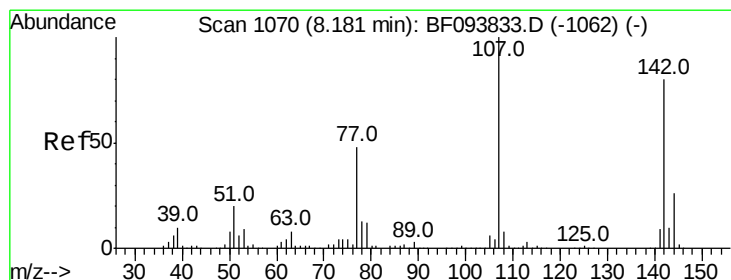
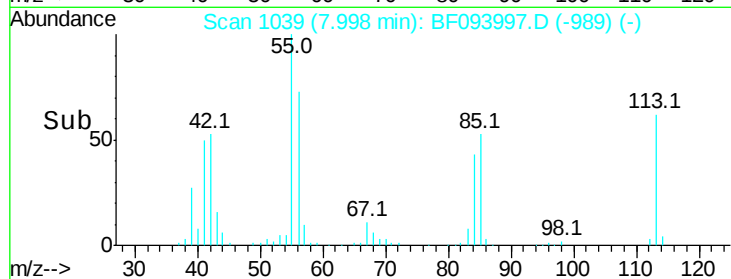
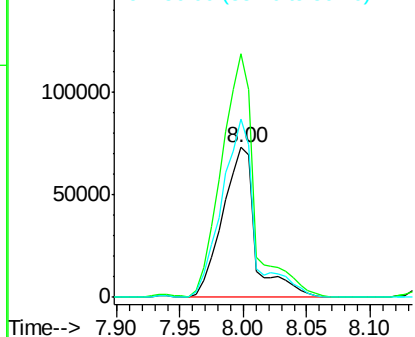
#35
 Caprolactam
 Concen: 40.52 ng
 RT: 8.00 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 132539
 Ion Ratio Lower Upper
 113 100
 55 162.4 150.2 190.2
 56 118.9 107.8 147.8

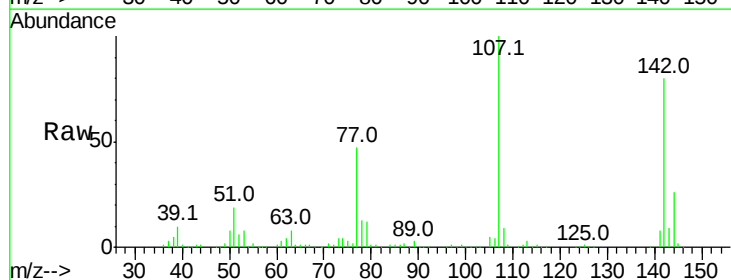


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

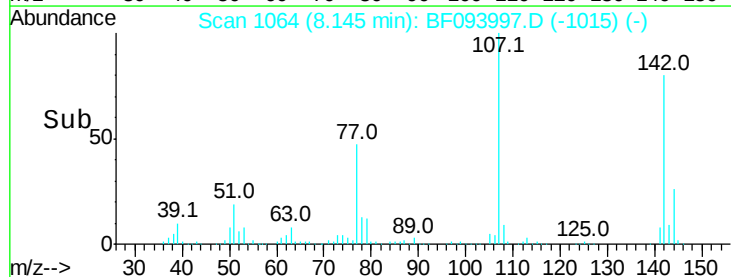
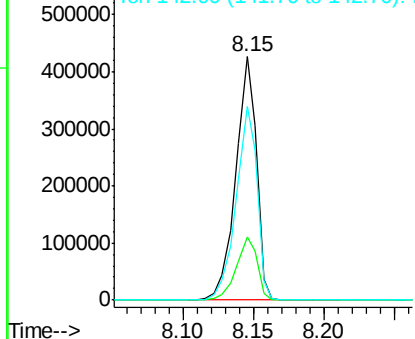


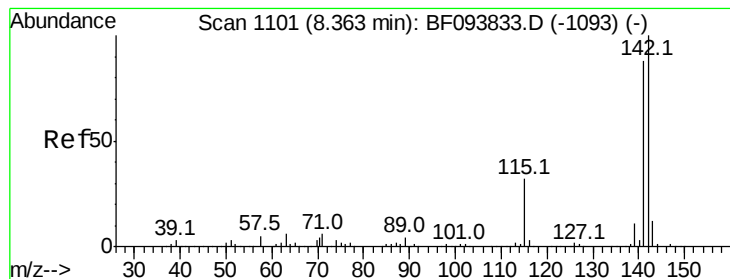
#36
 4-Chloro-3-methylphenol
 Concen: 40.43 ng
 RT: 8.15 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion:107 Resp: 433408
 Ion Ratio Lower Upper
 107 100
 144 25.8 24.2 36.4
 142 79.8 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: 39.76 ng

RT: 8.30 min Scan# 1091

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

BNA_F

ClientSampleId :

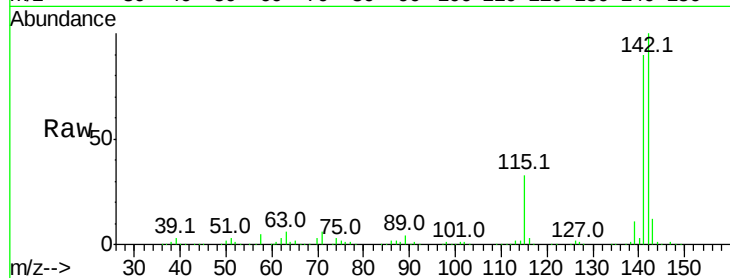
Tot Ion:142 Resp: 984515

Ion Ratio Lower Upper

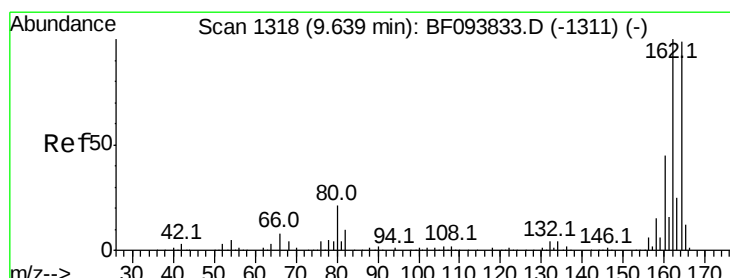
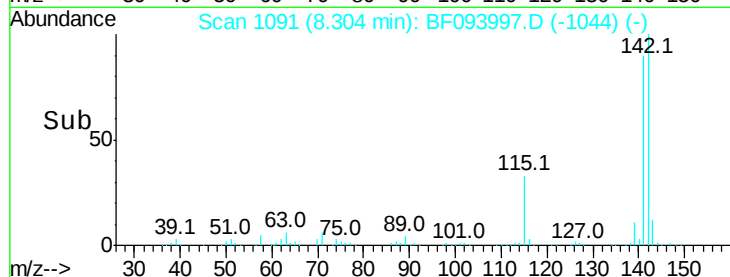
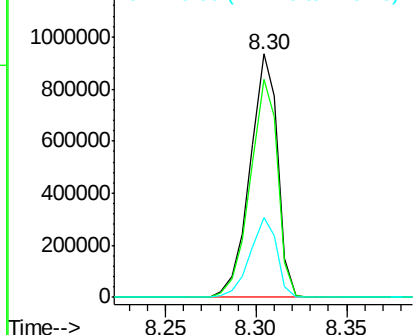
142 100

141 89.8 71.3 106.9

115 33.0 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: 9.58 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

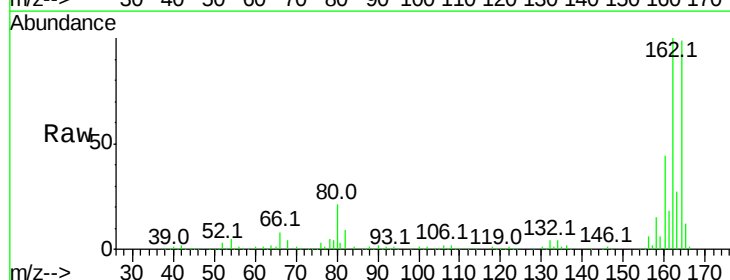
Tgt Ion:164 Resp: 351849

Ion Ratio Lower Upper

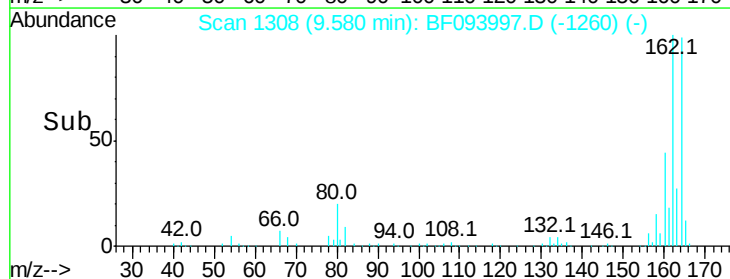
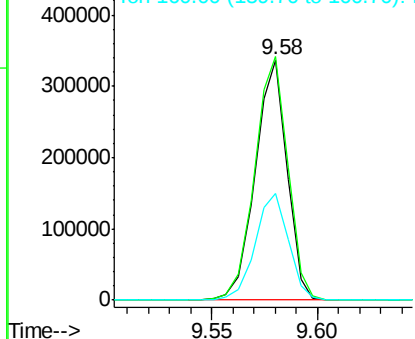
164 100

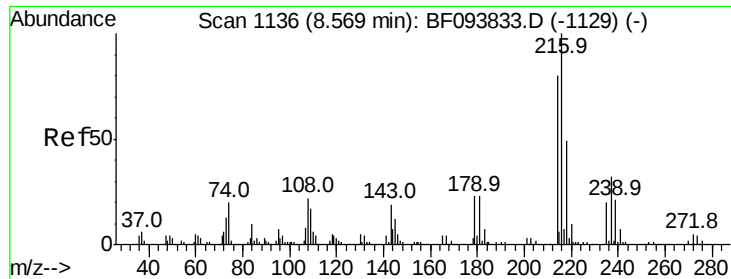
162 101.5 82.6 123.8

160 44.4 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

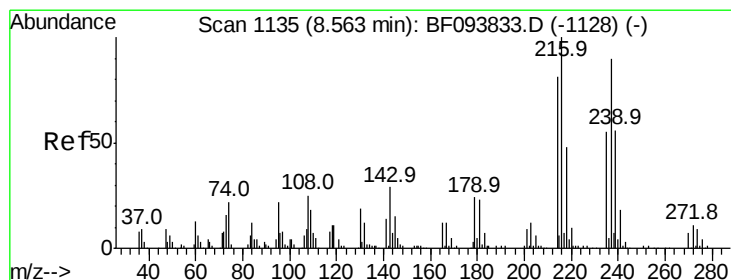
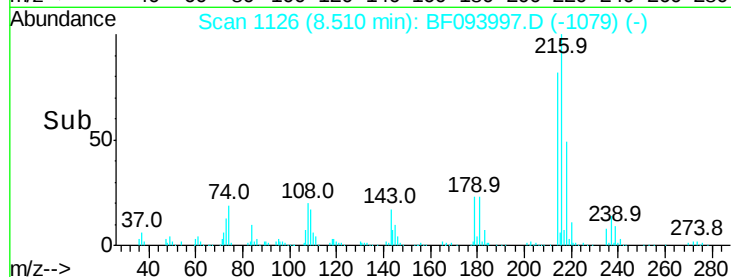
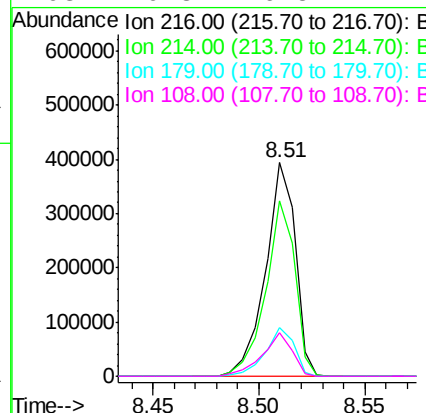
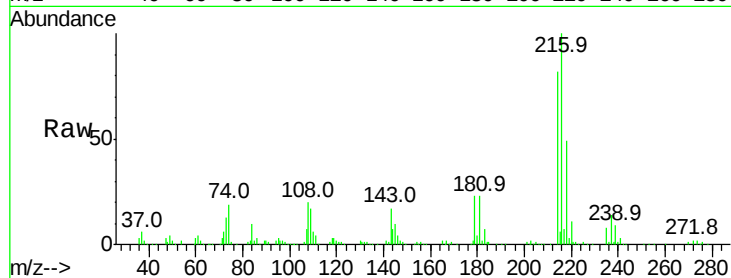




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.24 ng
 RT: 8.51 min Scan# 1126
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

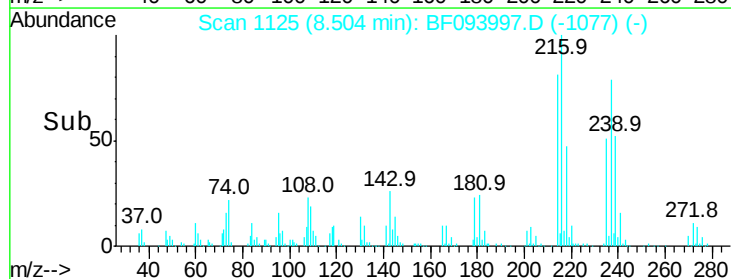
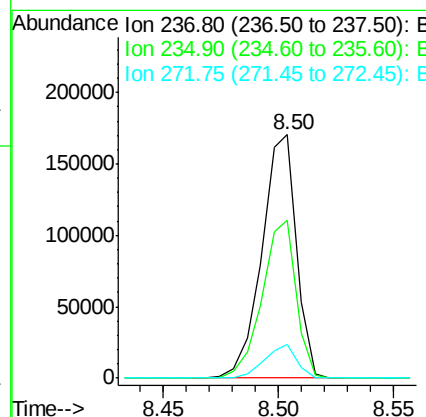
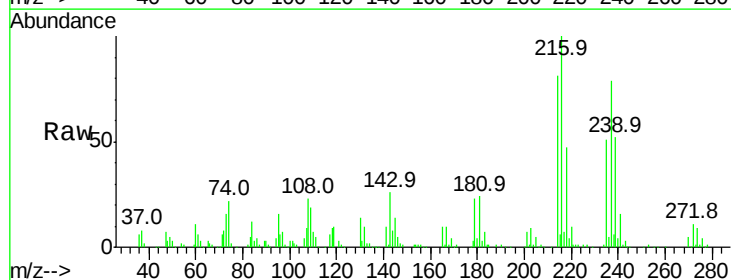
Instrument :
 BNA_F
 ClientSampleId :

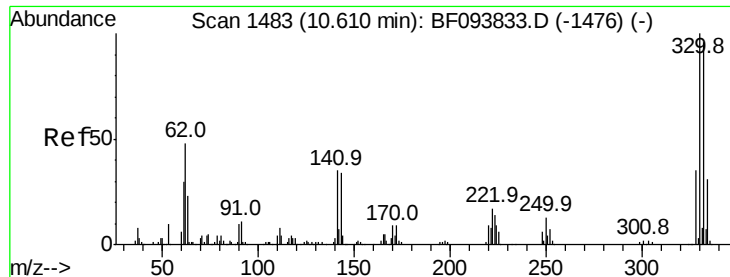
Tot Ion:	216	Resp:	387309
Ion	Ratio	Lower	Upper
216	100		
214	80.7	63.4	95.2
179	22.3	17.9	26.9
108	20.3	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 39.39 ng
 RT: 8.50 min Scan# 1125
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion:	237	Resp:	177430
Ion	Ratio	Lower	Upper
237	100		
235	64.7	42.6	82.6
272	14.0	0.0	31.9

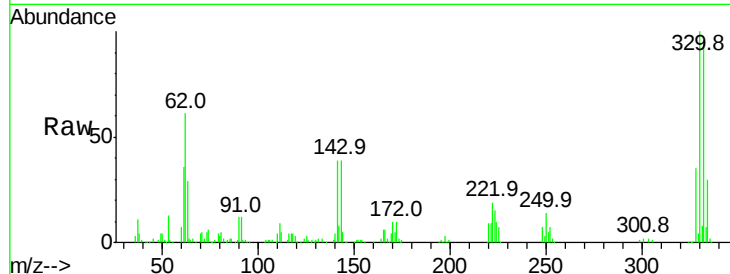




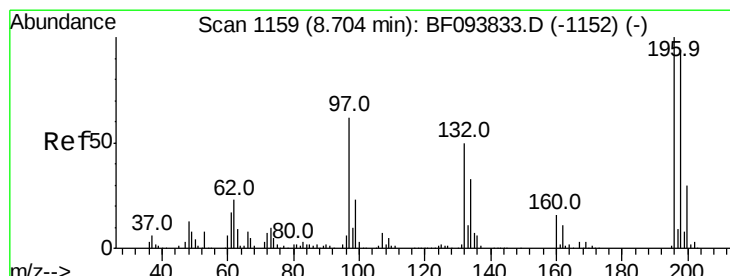
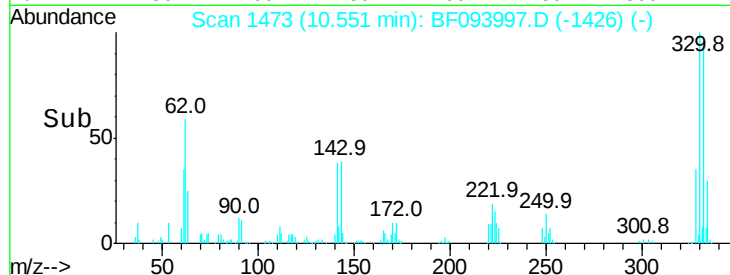
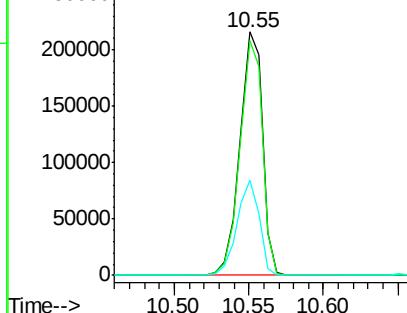
#41
 2,4,6-Tribromophenol
 Concen: 81.98 ng
 RT: 10.55 min Scan# 1473
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 227944
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 38.7 31.4 47.2

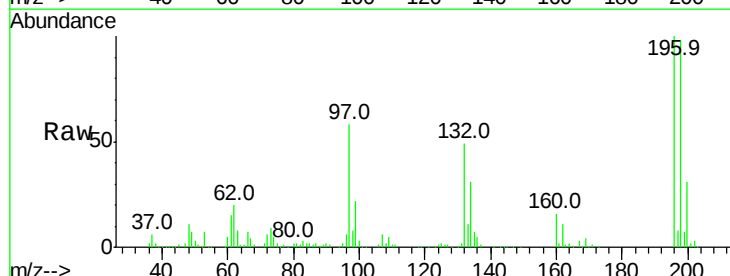


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

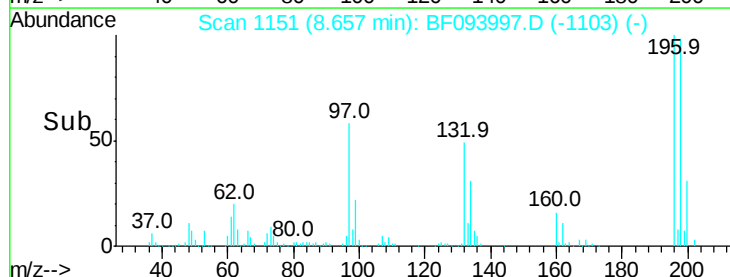
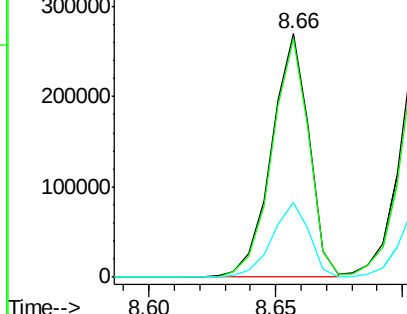


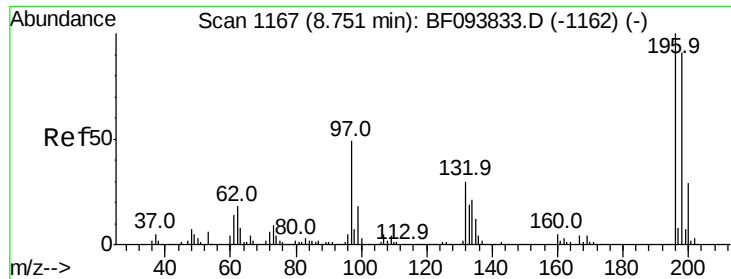
#42
 2,4,6-Trichlorophenol
 Concen: 40.91 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion:196 Resp: 278577
 Ion Ratio Lower Upper
 196 100
 198 98.1 74.2 111.4
 200 30.6 24.0 36.0



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

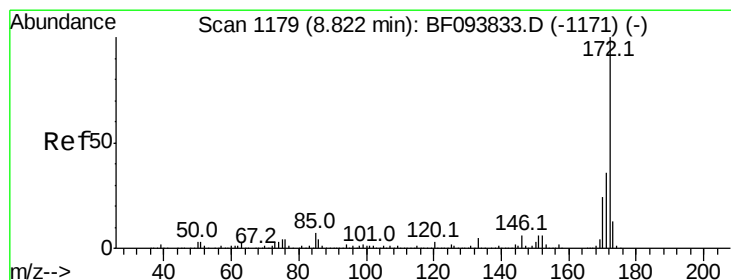
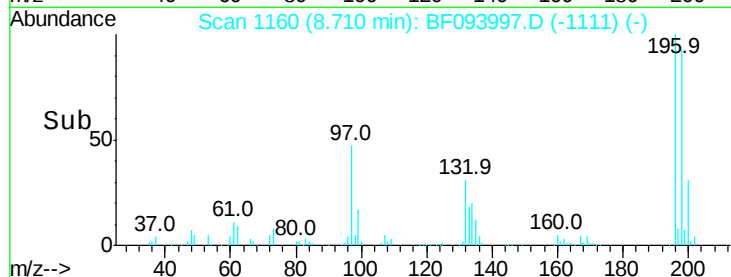
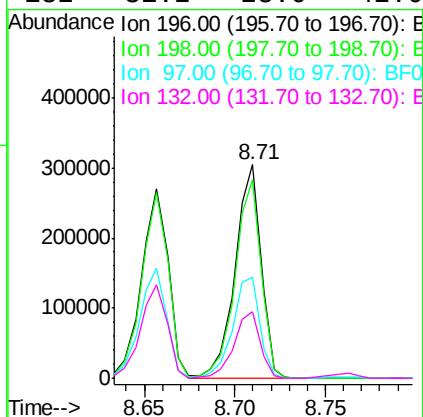
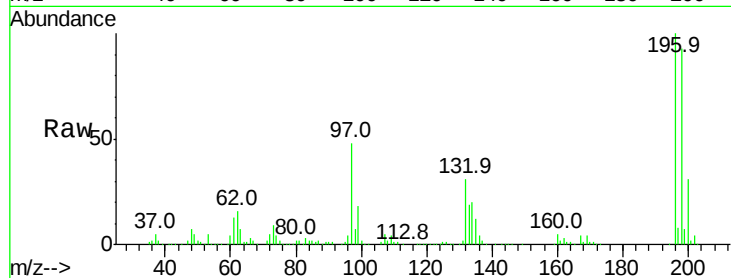




#43
 2,4,5-Trichlorophenol
 Concen: 41.28 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

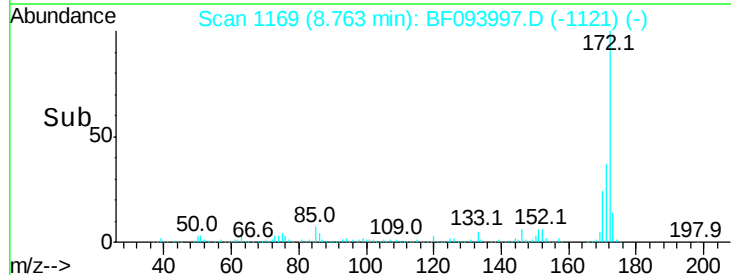
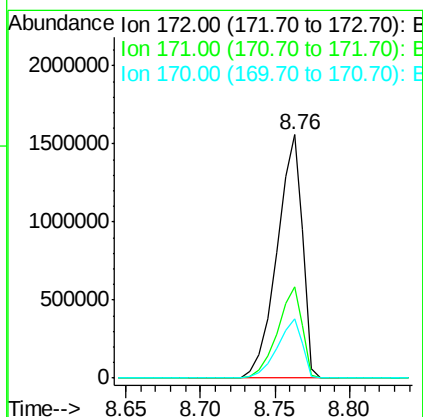
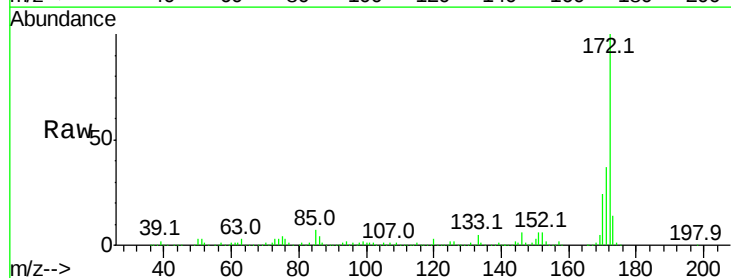
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 304180
 Ion Ratio Lower Upper
 196 100
 198 93.1 75.7 113.5
 97 47.6 47.7 71.5#
 132 31.2 28.0 42.0



#44
 2-Fluorobiphenyl
 Concen: 80.32 ng
 RT: 8.76 min Scan# 1169
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion:172 Resp: 1852783
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.6 44.4
 170 24.3 19.8 29.8

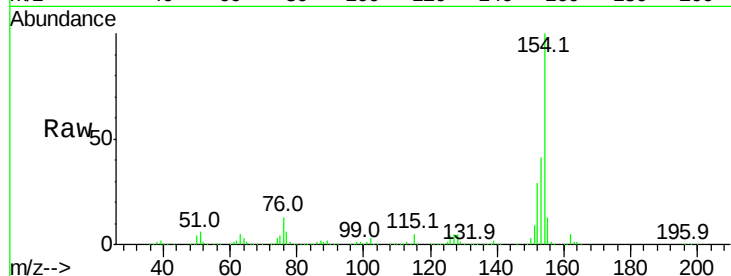




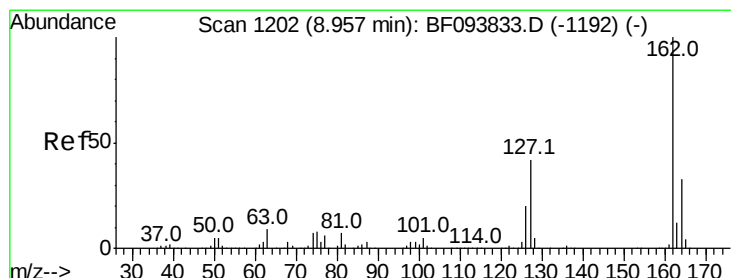
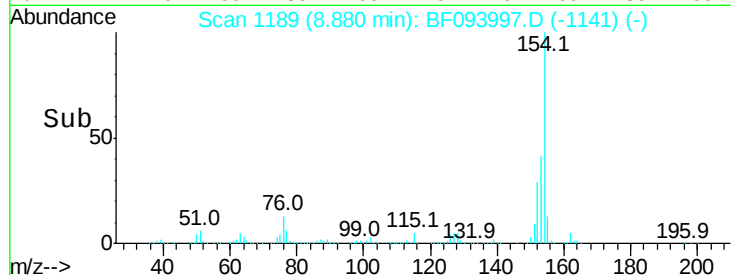
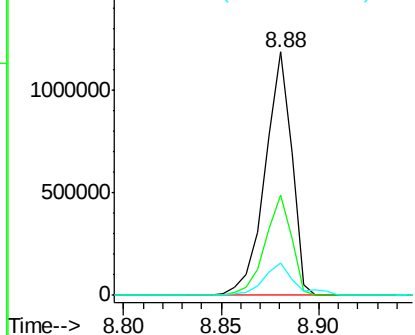
#45
 1,1'-Biphenyl
 Concen: 39.55 ng
 RT: 8.88 min Scan# 1189
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1122292
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.2 61.2
 76 13.3 0.0 29.9

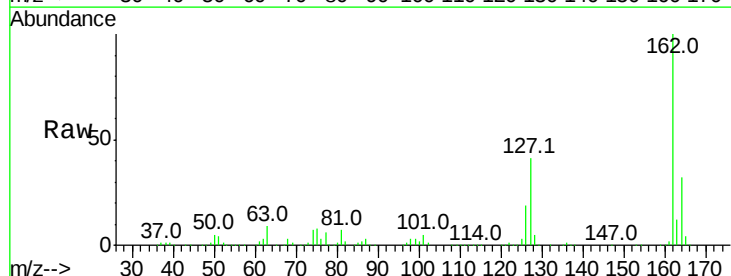


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

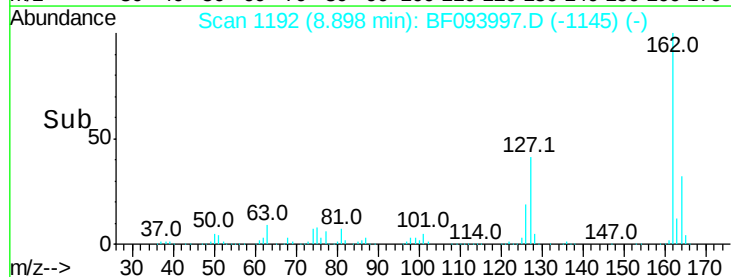
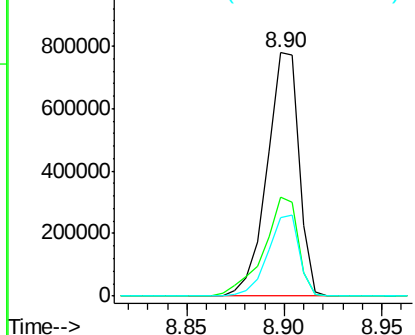


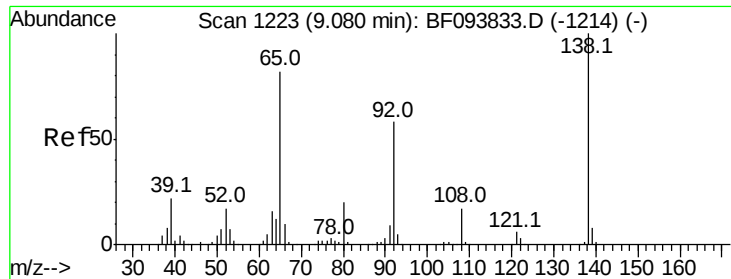
#46
 2-Chloronaphthalene
 Concen: 39.71 ng
 RT: 8.90 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion:162 Resp: 882078
 Ion Ratio Lower Upper
 162 100
 127 40.5 28.3 42.5
 164 32.3 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

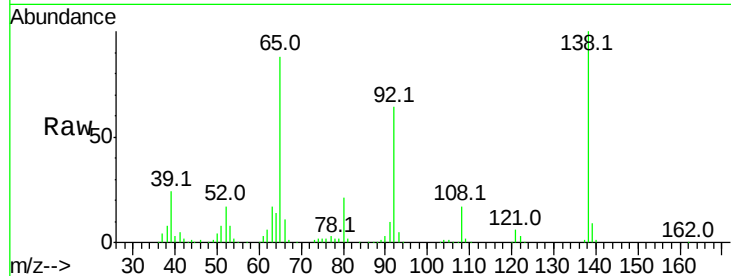




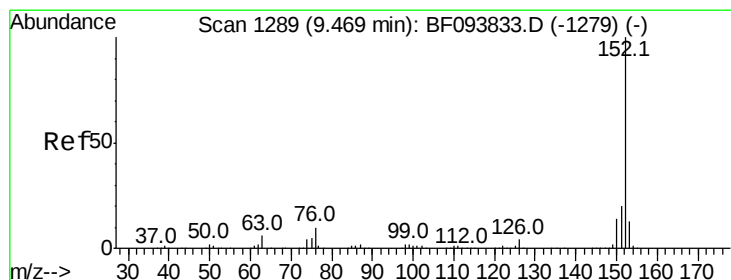
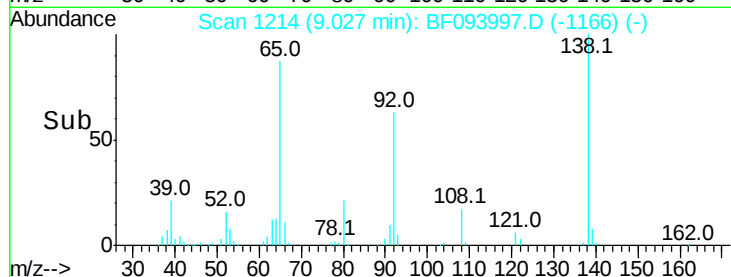
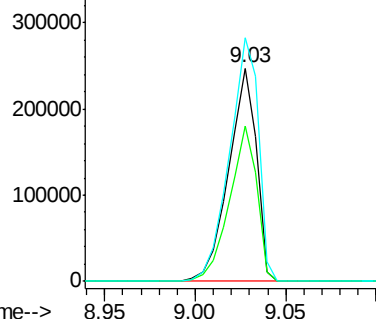
#47
2-Nitroaniline
Concen: 40.02 ng
RT: 9.03 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 263719
Ion Ratio Lower Upper
65 100
92 72.6 53.9 80.9
138 114.3 78.8 118.2

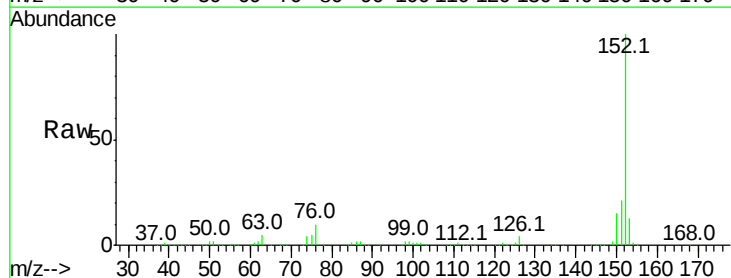


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

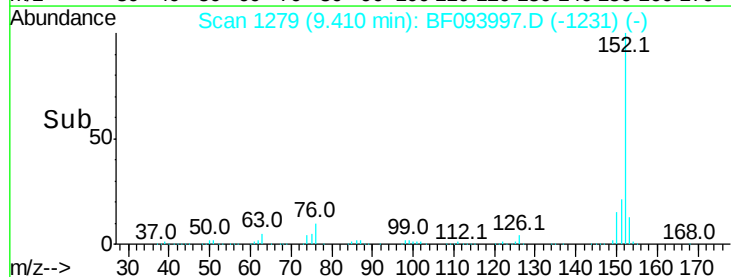
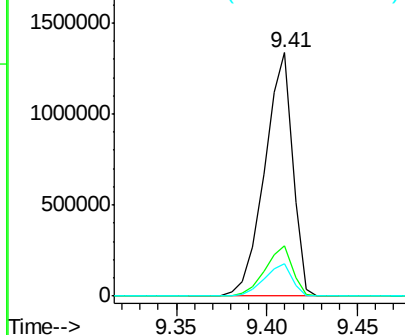


#48
Acenaphthylene
Concen: 38.77 ng
RT: 9.41 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion:152 Resp: 1431474
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 13.1 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 40.60 ng

RT: 9.27 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

BNA_F

ClientSampleId :

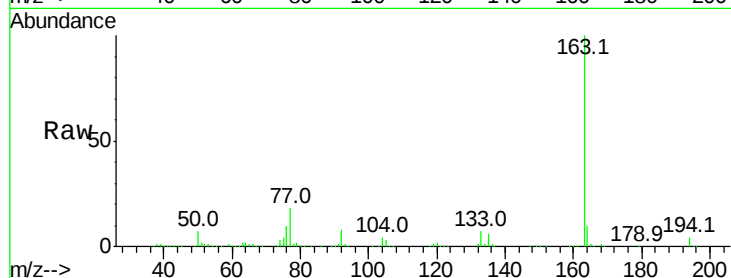
Tot Ion:163 Resp: 1015372

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

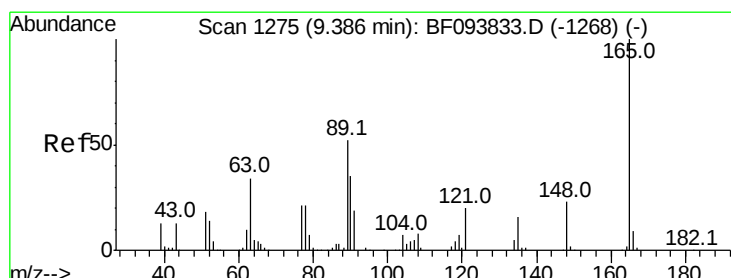
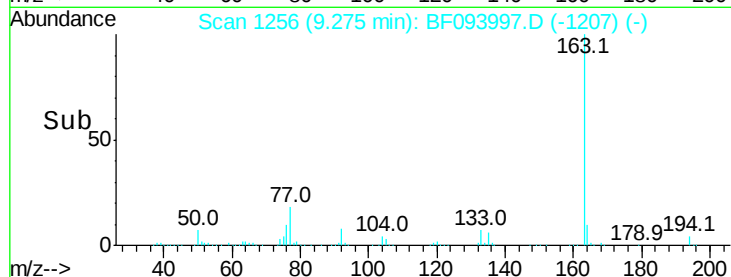
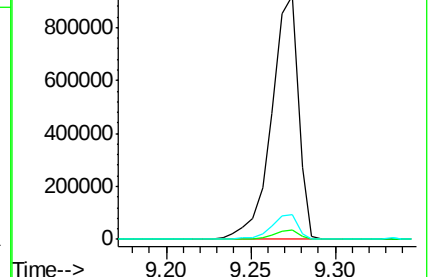
164 10.0 8.4 12.6



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: 41.35 ng

RT: 9.33 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

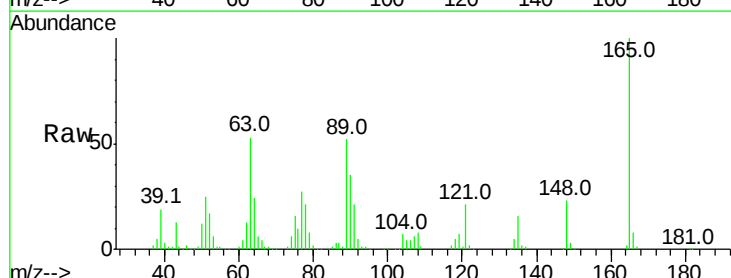
Tgt Ion:165 Resp: 237061

Ion Ratio Lower Upper

165 100

63 53.1 34.3 51.5#

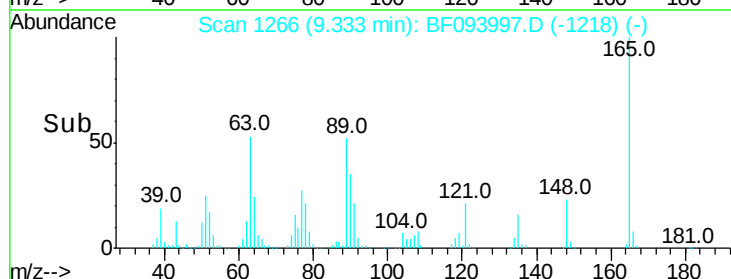
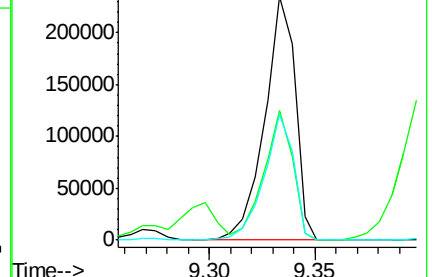
89 51.9 37.1 55.7

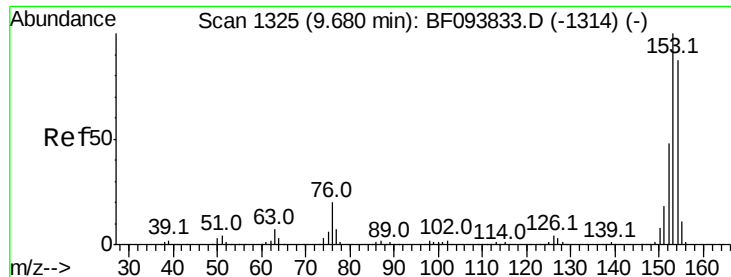


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.88 ng

RT: 9.62 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

BNA_F

ClientSampleId :

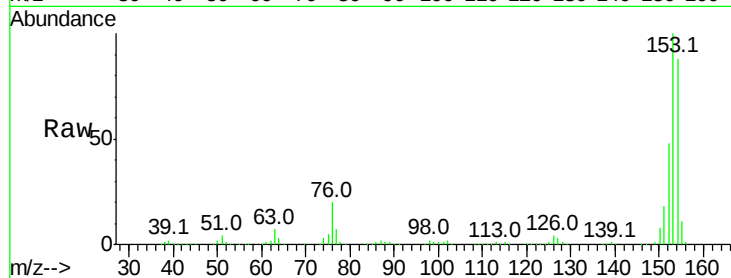
Tot Ion:154 Resp: 837651

Ion Ratio Lower Upper

154 100

153 114.0 90.5 135.7

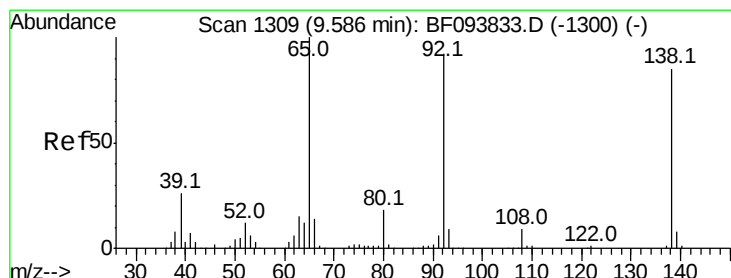
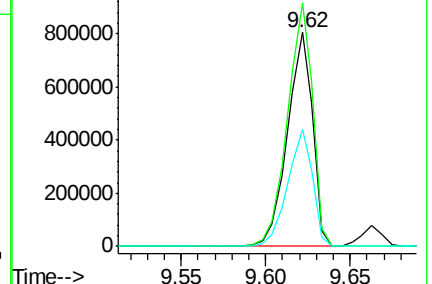
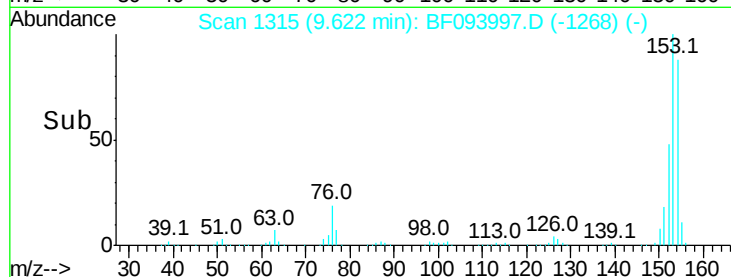
152 54.7 43.6 65.4



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: 37.81 ng

RT: 9.54 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

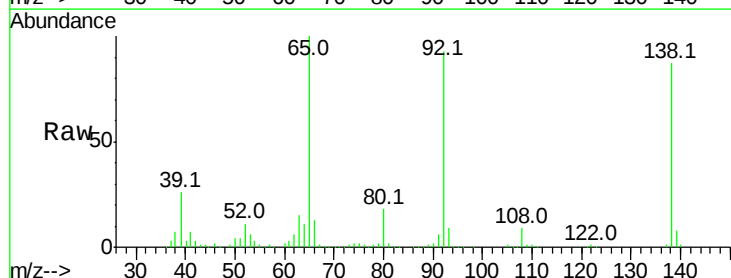
Tgt Ion:138 Resp: 254552

Ion Ratio Lower Upper

138 100

108 9.9 9.1 13.7

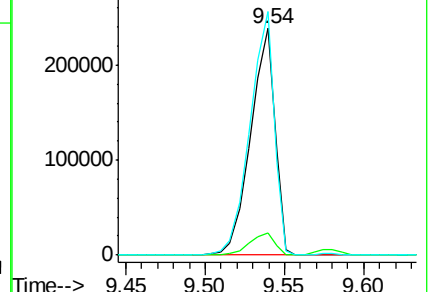
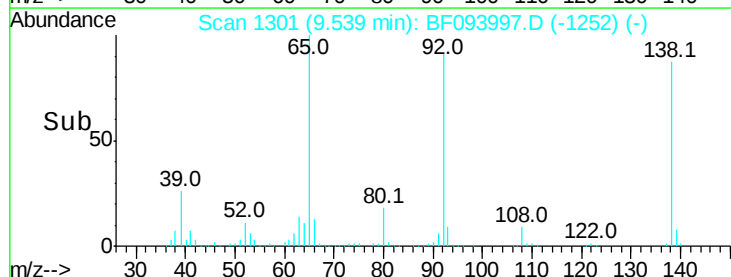
92 107.3 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

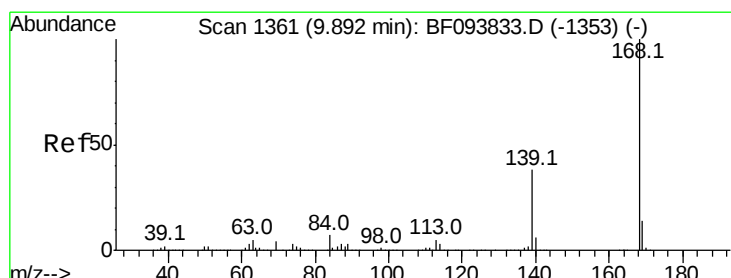
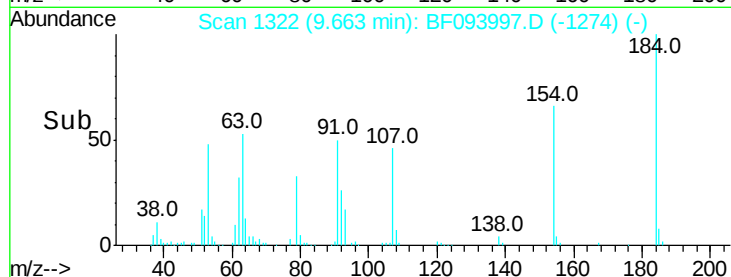
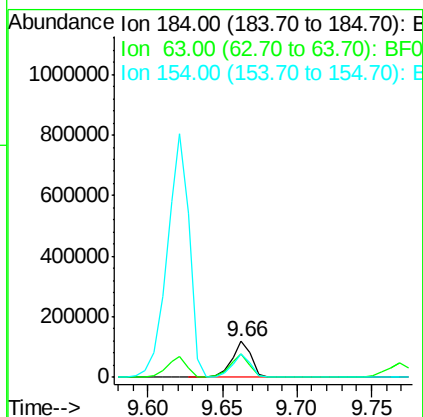
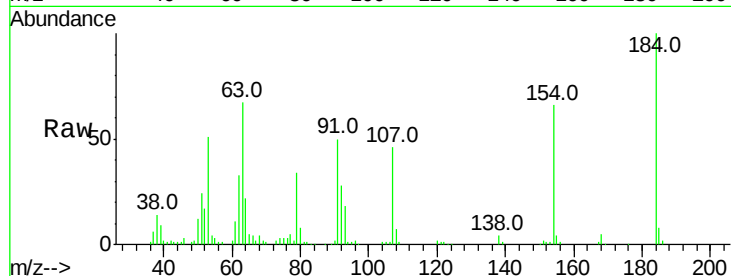




#53
 2,4-Dinitrophenol
 Concen: 38.73 ng
 RT: 9.66 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

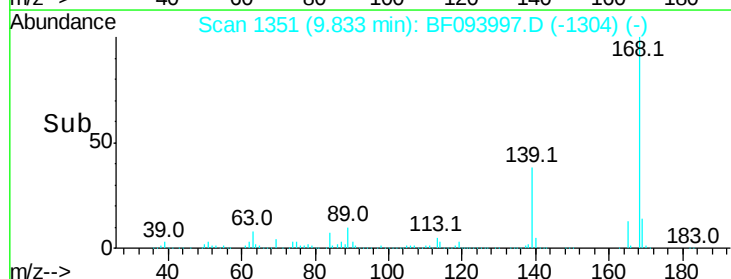
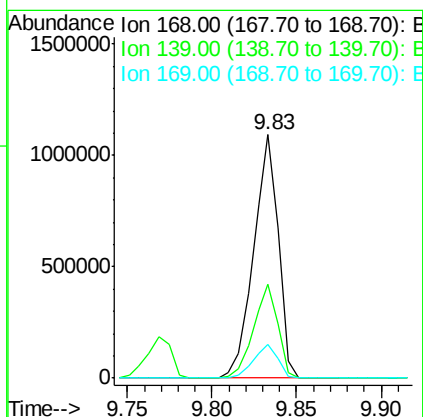
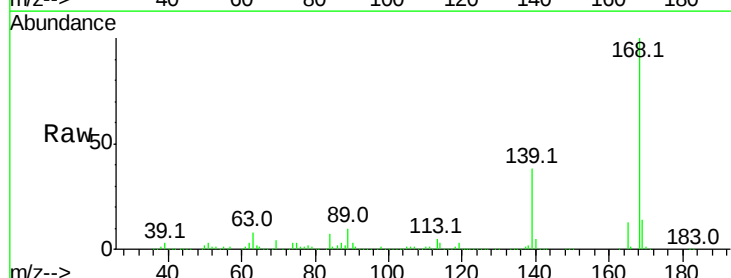
Instrument :
 BNA_F
 ClientSampled :

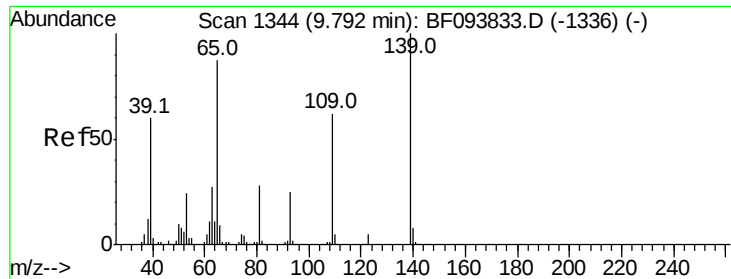
Tot Ion:184 Resp: 110977
 Ion Ratio Lower Upper
 184 100
 63 67.2 62.7 94.1
 154 65.7 81.1 121.7#



#54
 Dibenzofuran
 Concen: 37.90 ng
 RT: 9.83 min Scan# 1351
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion:168 Resp: 1111517
 Ion Ratio Lower Upper
 168 100
 139 38.4 30.6 45.8
 169 13.7 10.8 16.2





#55

4-Nitrophenol

Concen: 35.47 ng

RT: 9.77 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

BNA_F

ClientSampleId :

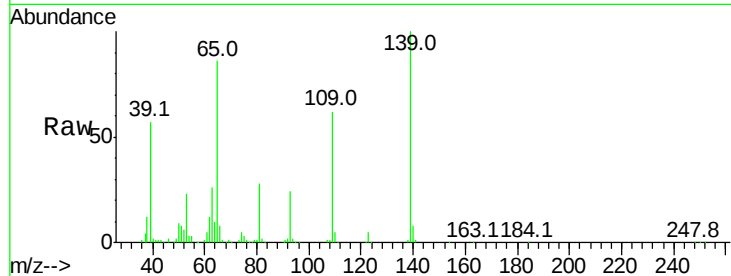
Tot Ion:139 Resp: 187017

Ion Ratio Lower Upper

139 100

109 61.5 34.1 74.1

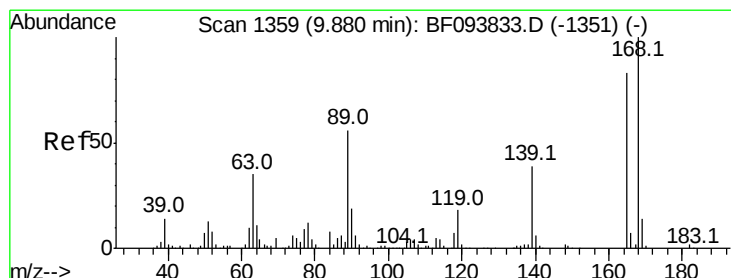
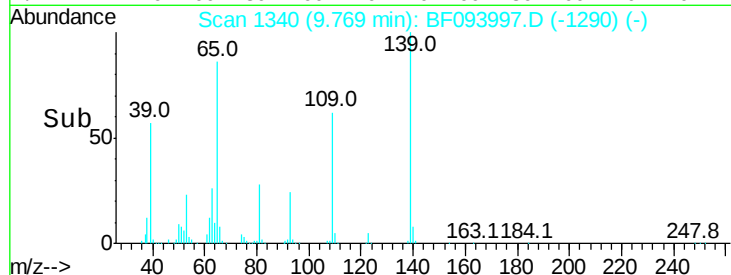
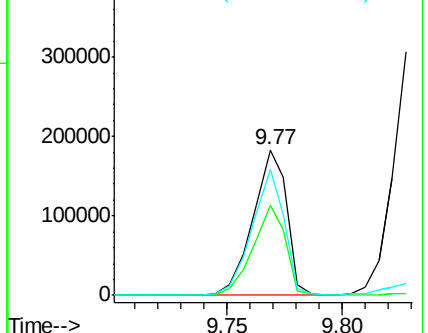
65 86.2 31.4 71.4#



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: 37.50 ng

RT: 9.83 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Tgt Ion:165 Resp: 270060

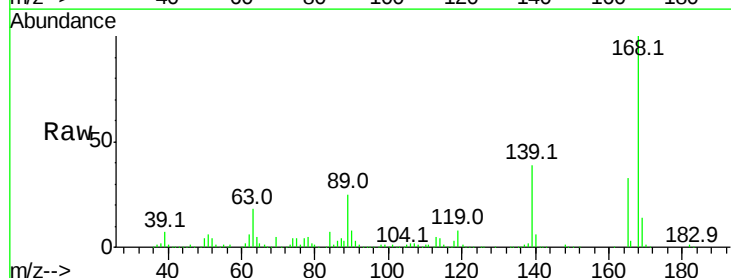
Ion Ratio Lower Upper

165 100

63 55.4 25.4 38.0#

89 75.7 46.4 69.6#

182 2.4 1.8 2.6

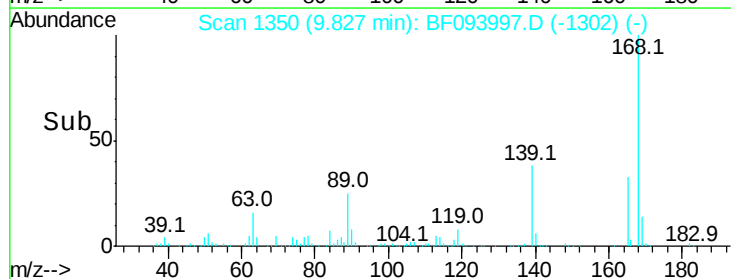
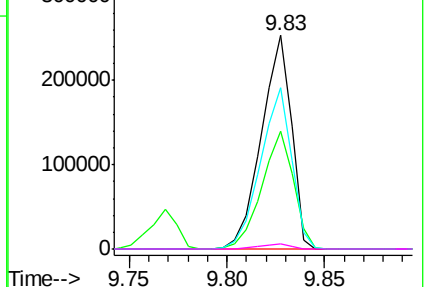


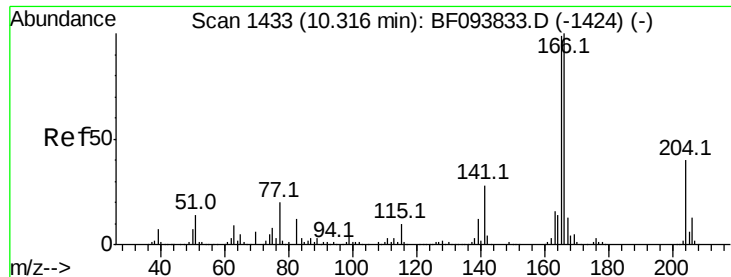
Abundance Ion 165.00 (164.70 to 165.70): E

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

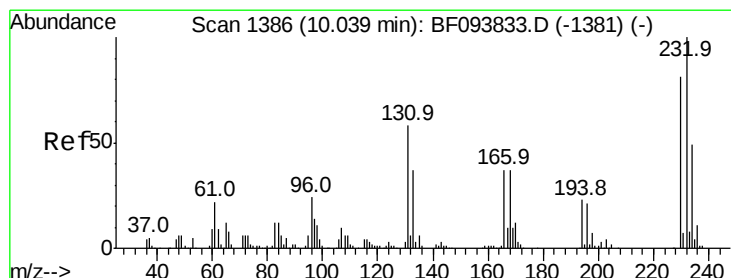
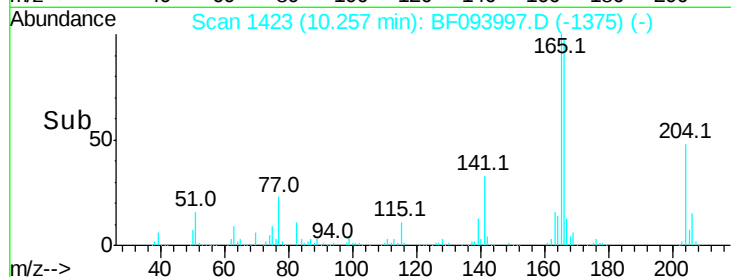
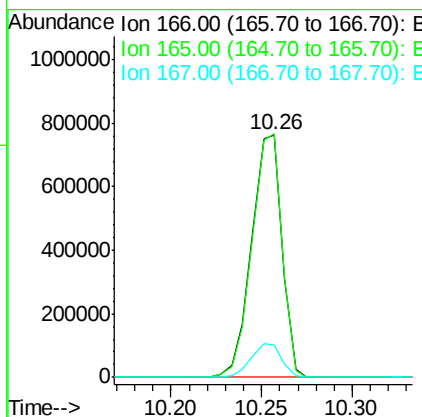
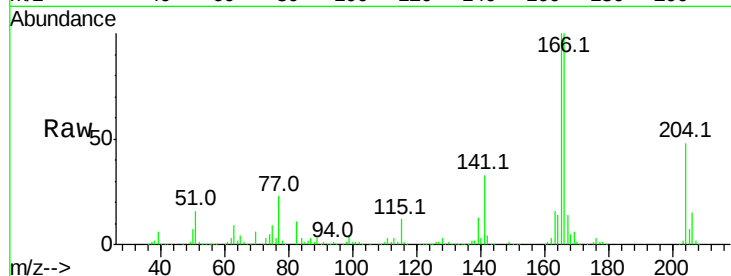




#57
Fluorene
 Concen: 36.56 ng
 RT: 10.26 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

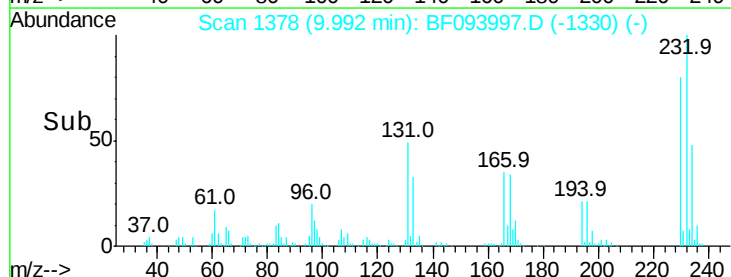
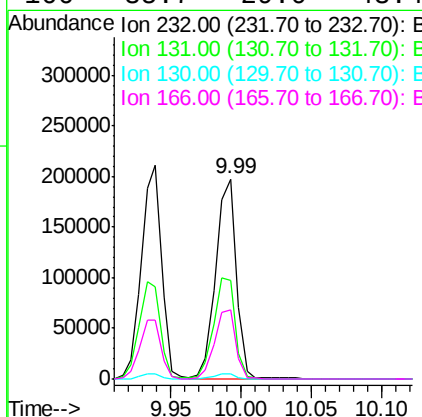
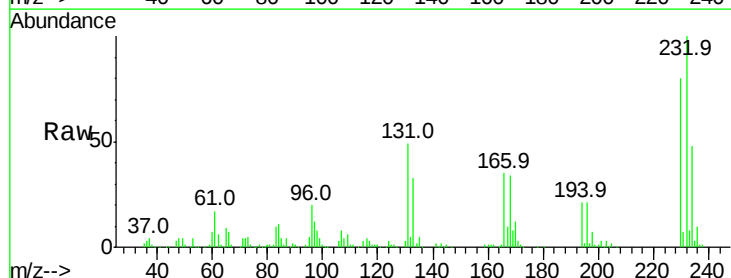
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 889271
 Ion Ratio Lower Upper
 166 100
 165 100.3 78.8 118.2
 167 13.6 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.91 ng
 RT: 9.99 min Scan# 1378
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion:232 Resp: 201773
 Ion Ratio Lower Upper
 232 100
 131 53.0 44.8 67.2
 130 2.6 2.3 3.5
 166 35.7 29.0 43.4

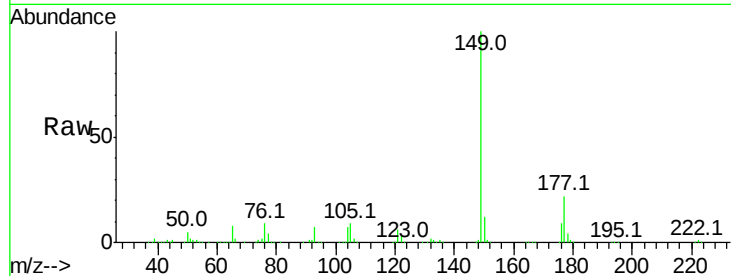




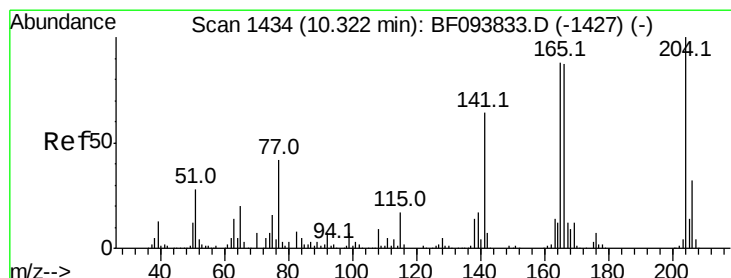
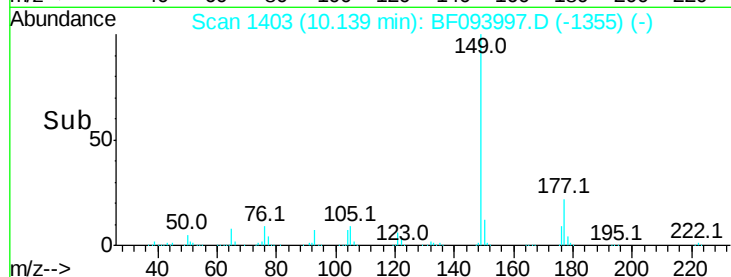
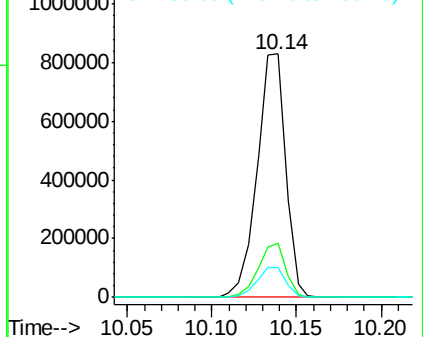
#59
Diethylphthalate
Concen: 39.56 ng
RT: 10.14 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 977864
Ion Ratio Lower Upper
149 100
177 22.1 16.7 25.1
150 12.3 10.2 15.2

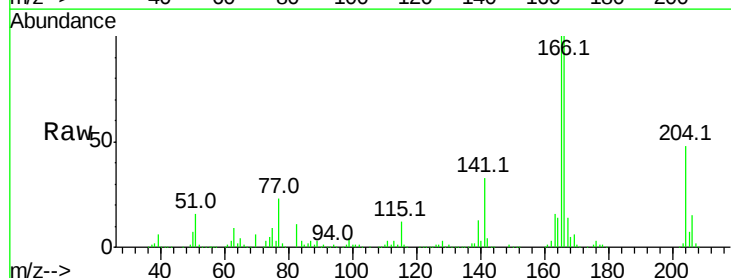


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

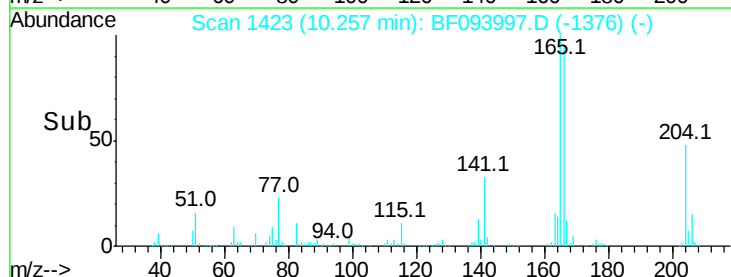
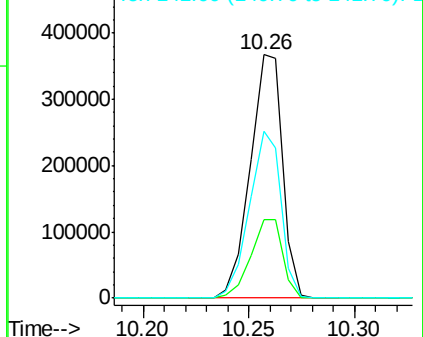


#60
4-Chlorophenyl-phenylether
Concen: 37.66 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion:204 Resp: 390141
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 68.6 60.8 91.2



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

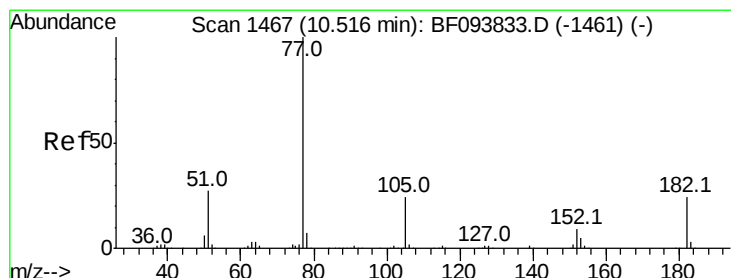
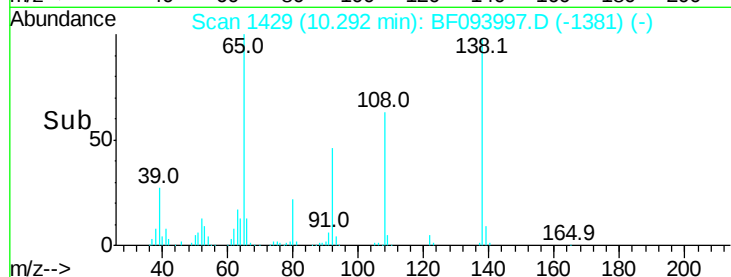
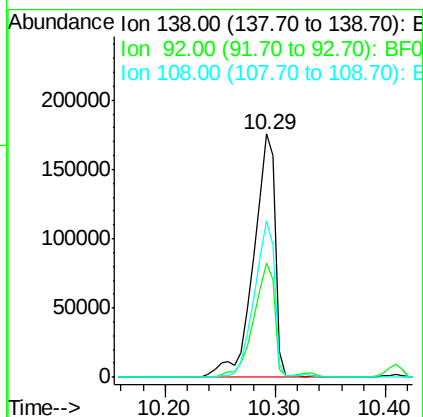
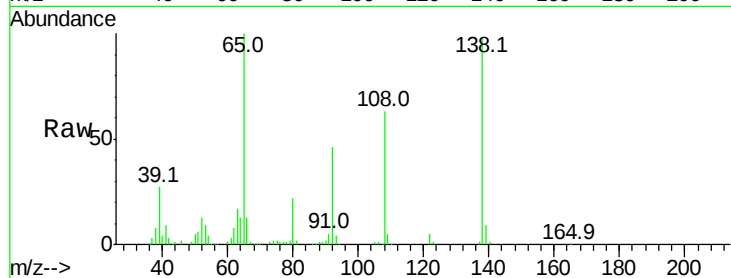




#61
4-Nitroaniline
Concen: 37.39 ng
RT: 10.29 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

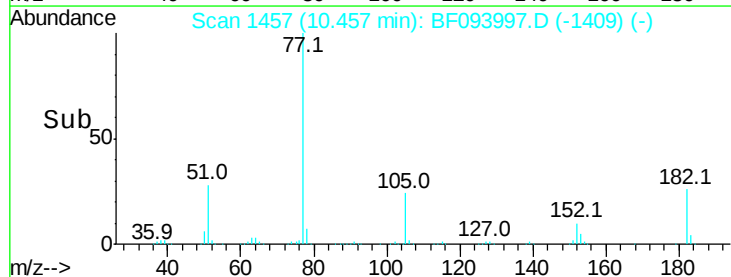
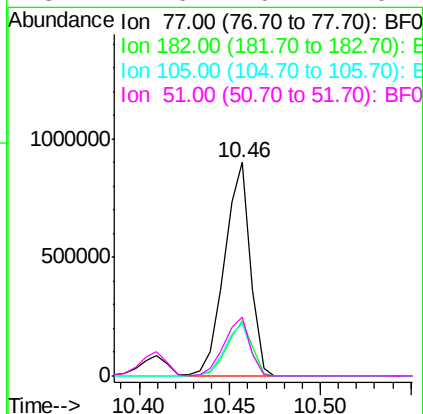
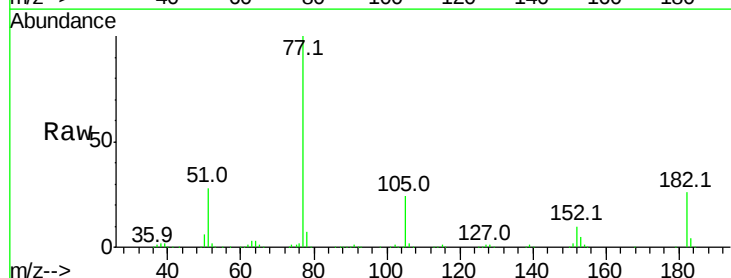
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 241574
Ion Ratio Lower Upper
138 100
92 47.1 21.8 61.8
108 64.1 42.3 82.3



#62
Azobenzene
Concen: 37.87 ng
RT: 10.46 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion: 77 Resp: 885455
Ion Ratio Lower Upper
77 100
182 25.9 0.1 40.1
105 24.3 3.6 43.6
51 27.6 9.4 49.4

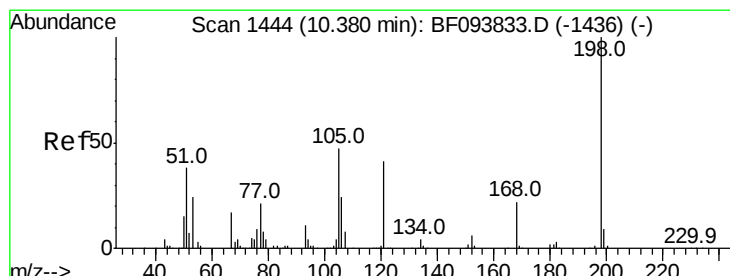
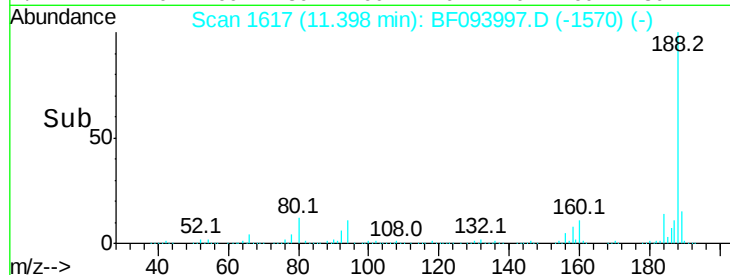
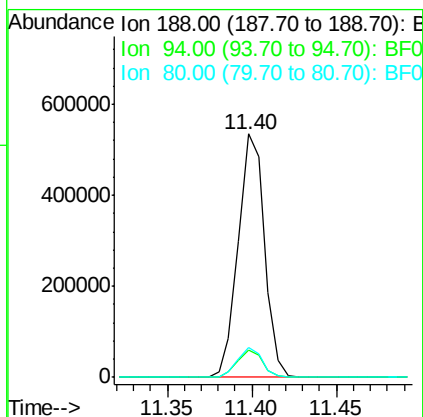
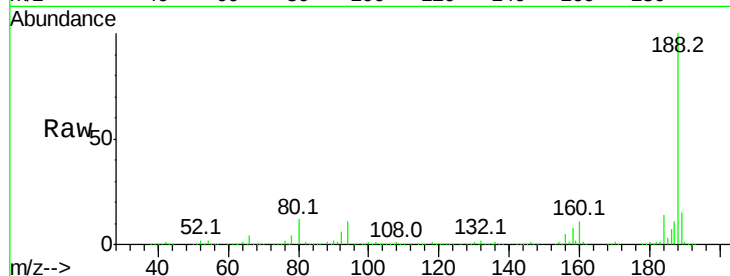




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1617
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

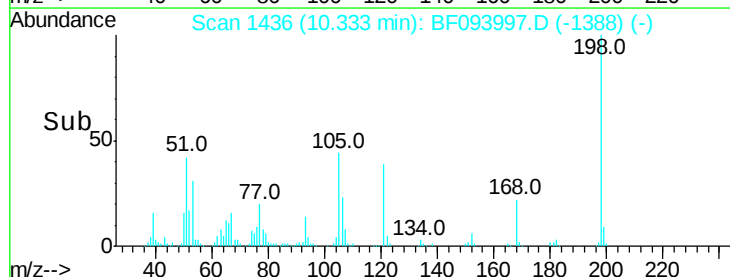
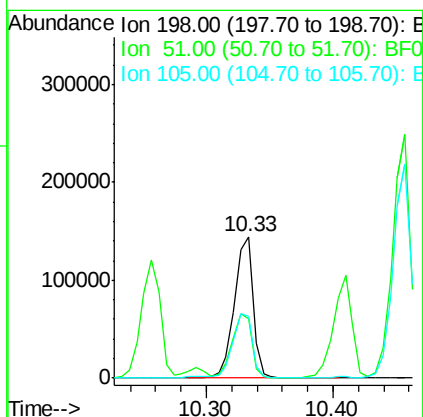
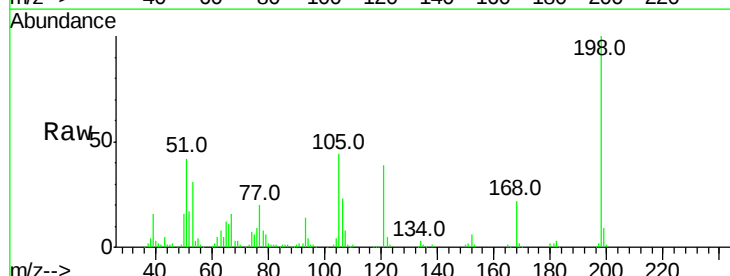
Instrument :
 BNA_F
 ClientSampleId :

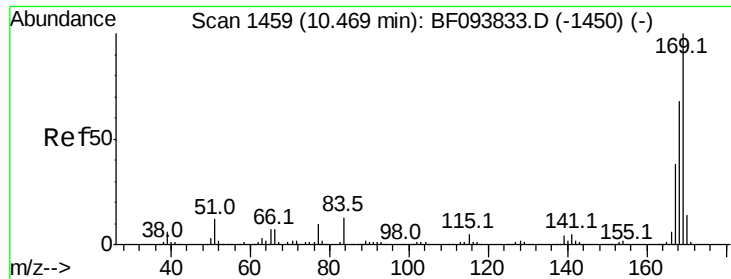
Tot Ion:188 Resp: 580937
 Ion Ratio Lower Upper
 188 100
 94 11.2 9.4 14.2
 80 12.1 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.13 ng
 RT: 10.33 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion:198 Resp: 146320
 Ion Ratio Lower Upper
 198 100
 51 41.8 53.2 93.2#
 105 43.8 45.8 85.8#

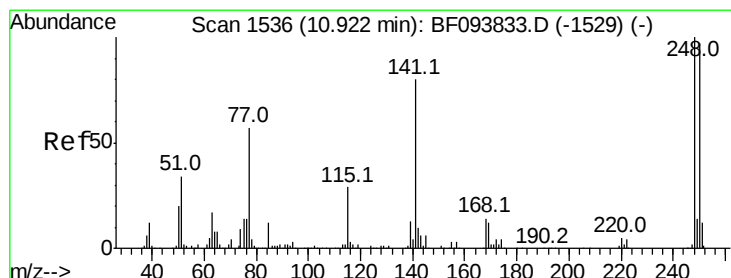
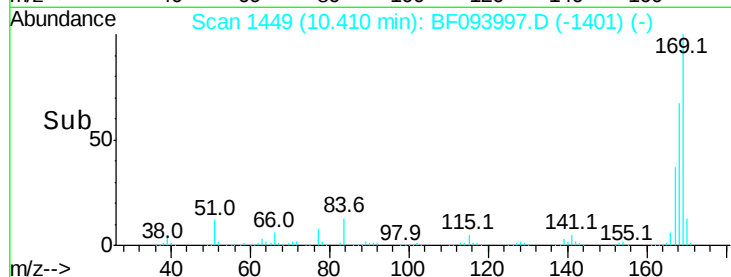
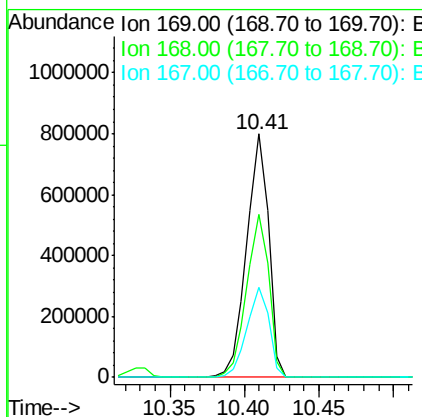
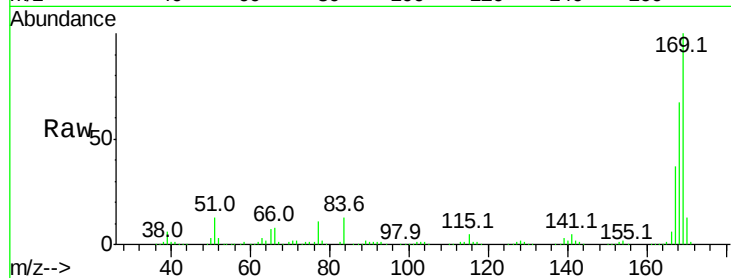




#65
 n-Nitrosodiphenylamine
 Concen: 40.63 ng
 RT: 10.41 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

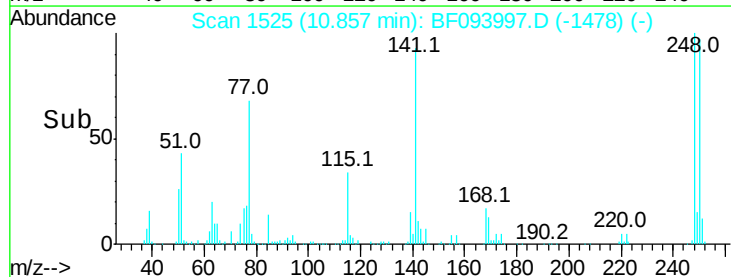
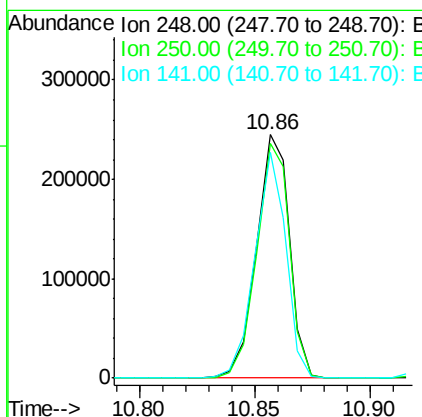
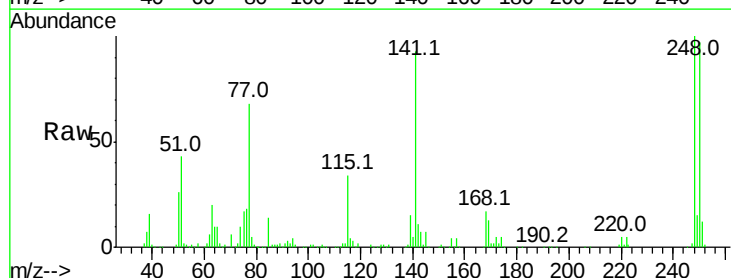
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 816229
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.2 79.8
 167 36.8 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 42.60 ng
 RT: 10.86 min Scan# 1525
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion:248 Resp: 243414
 Ion Ratio Lower Upper
 248 100
 250 96.5 76.8 115.2
 141 92.8 68.6 103.0





#67

Hexachlorobenzene

Concen: 42.72 ng

RT: 10.93 min Scan# 1538

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

BNA_F

ClientSampleId :

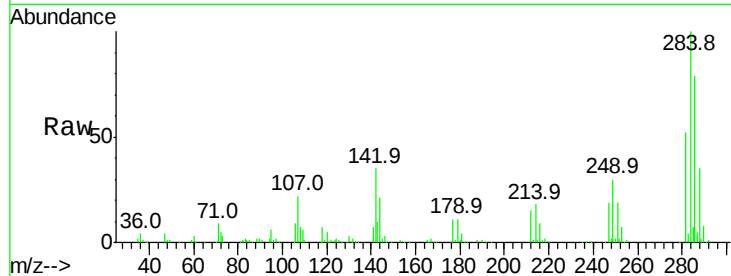
Tot Ion:284 Resp: 247105

Ion Ratio Lower Upper

284 100

142 34.7 22.8 34.2#

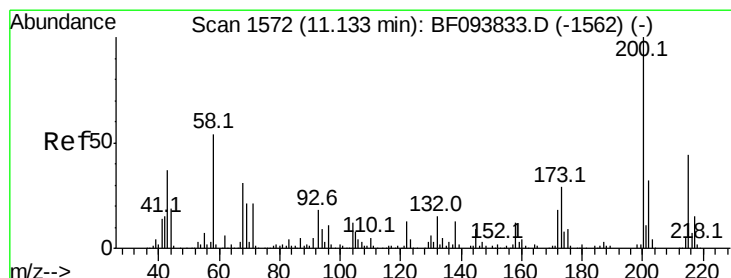
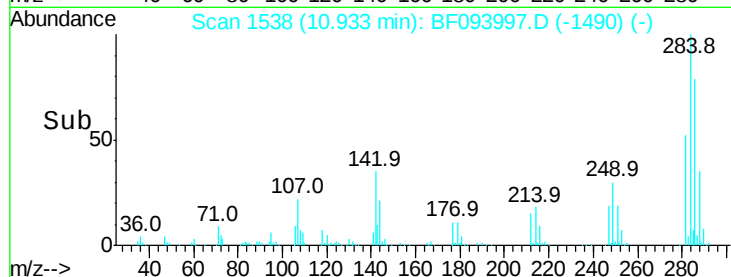
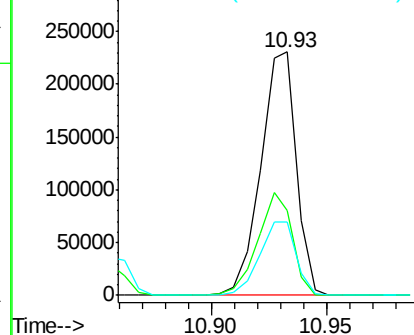
249 30.4 24.0 36.0



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: 38.84 ng

RT: 11.08 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

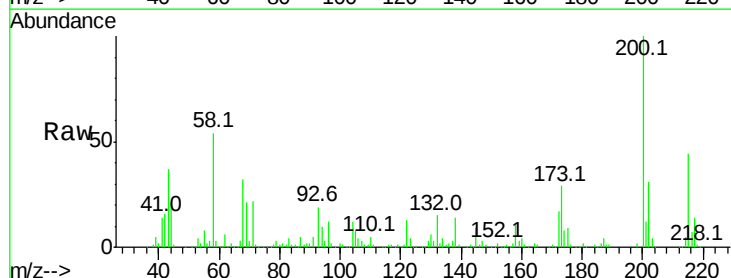
Tgt Ion:200 Resp: 233687

Ion Ratio Lower Upper

200 100

173 29.2 6.3 46.3

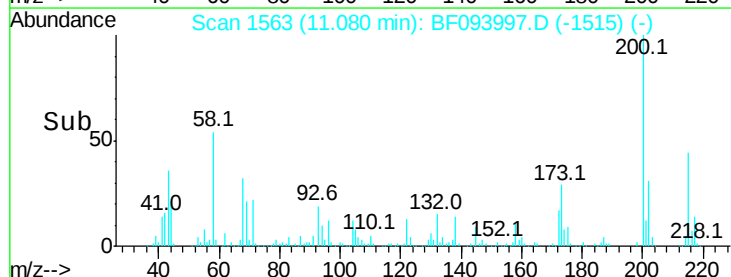
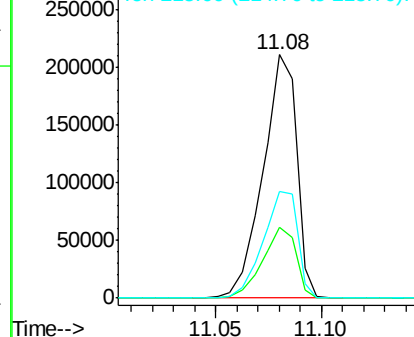
215 43.9 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

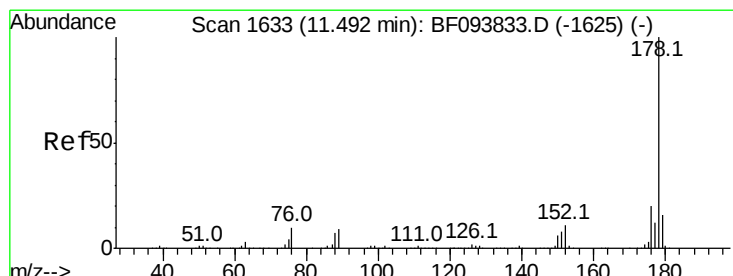
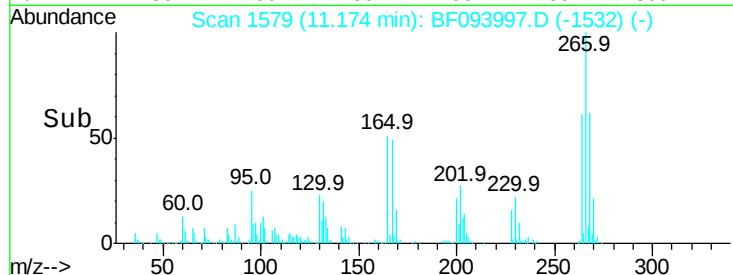
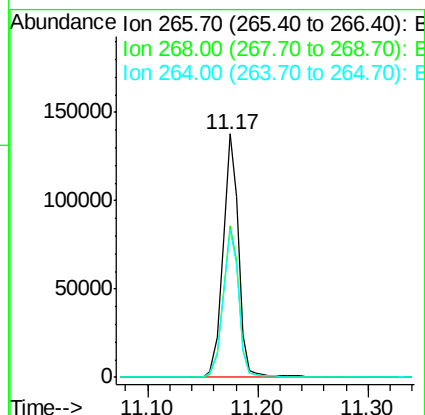
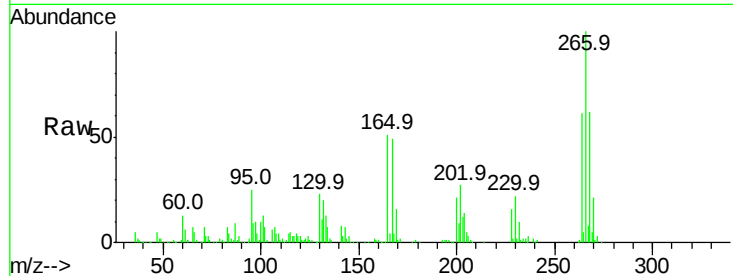




#69
 Pentachlorophenol
 Concen: 37.65 ng
 RT: 11.17 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

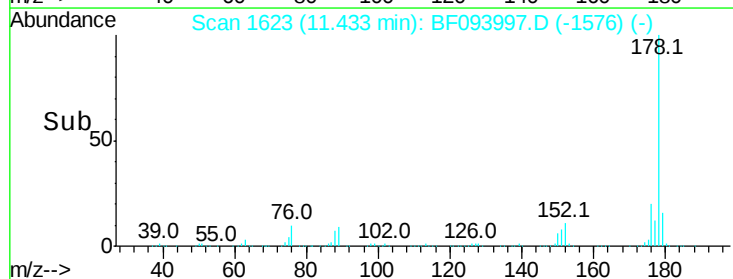
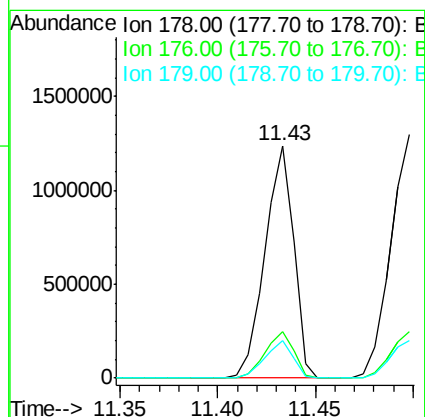
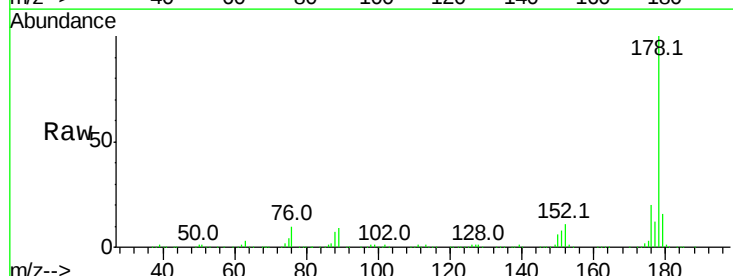
Instrument :
 BNA_F
 ClientSampled :

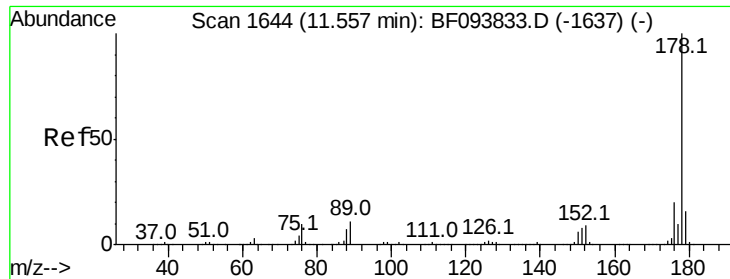
Tot Ion:266 Resp: 135523
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.1 76.7
 264 60.7 51.7 77.5



#70
 Phenanthrene
 Concen: 39.11 ng
 RT: 11.43 min Scan# 1623
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion:178 Resp: 1263751
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.9 12.6 19.0

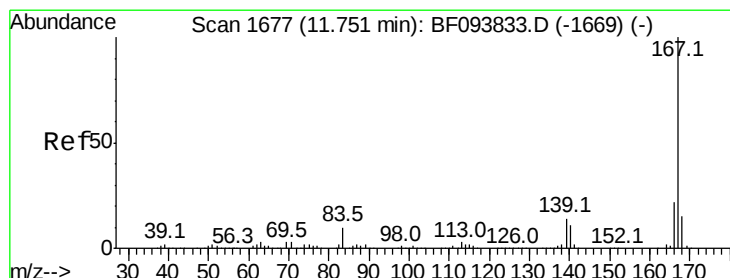
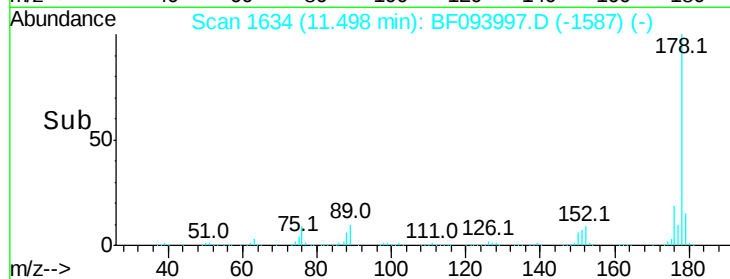
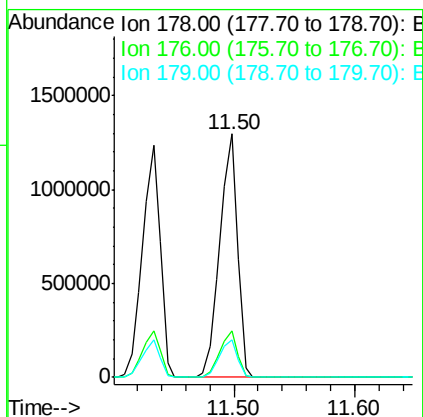
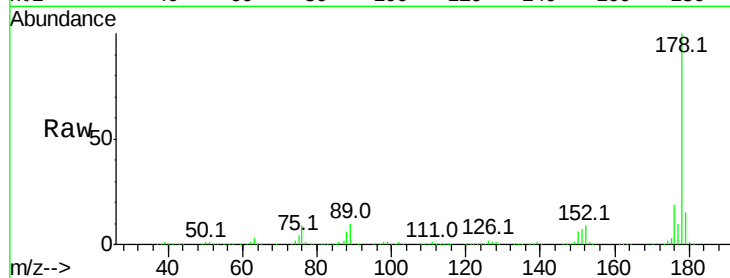




#71
 Anthracene
 Concen: 39.42 ng
 RT: 11.50 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

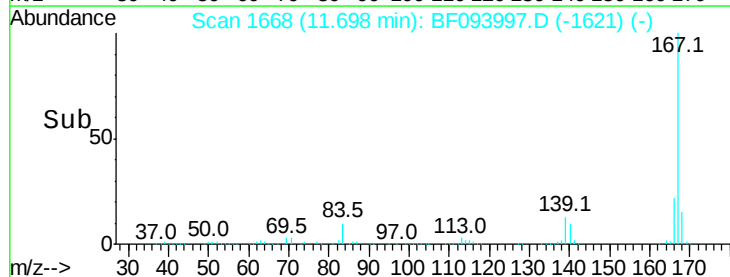
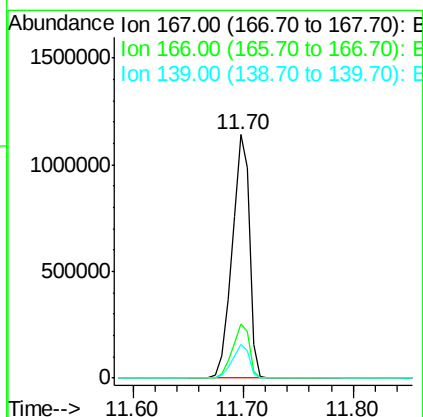
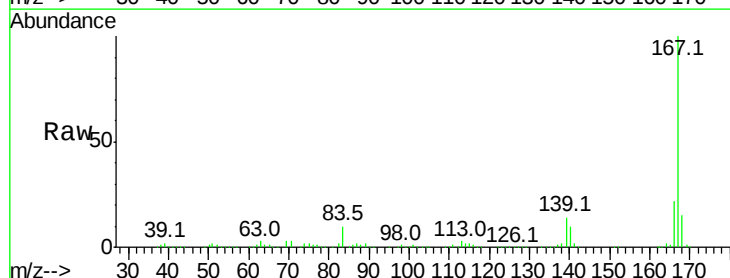
Instrument :
 BNA_F
 ClientSampleId :

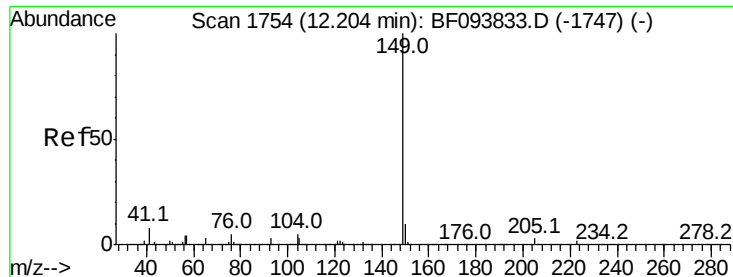
Tot Ion:178 Resp: 1311777
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 36.82 ng
 RT: 11.70 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion:167 Resp: 1256271
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 41.70 ng

RT: 12.14 min Scan# 1744

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

BNA_F

ClientSampleId :

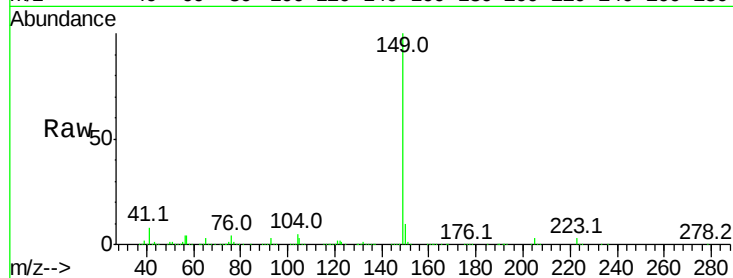
Tot Ion:149 Resp: 1479527

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

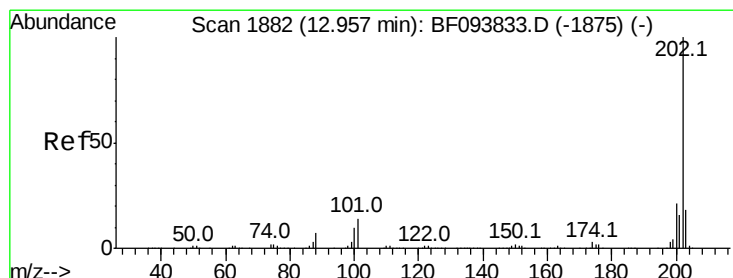
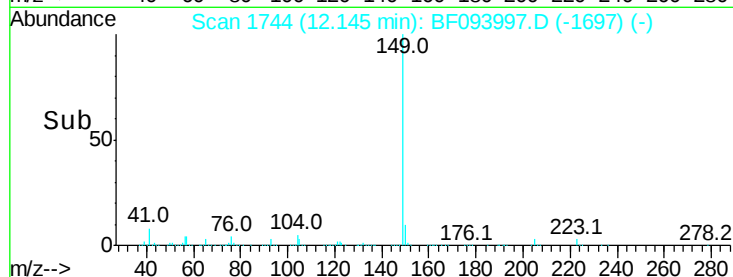
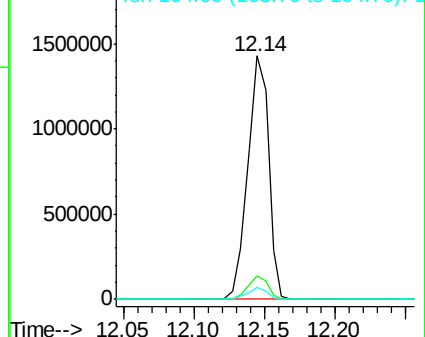
104 4.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.04 ng

RT: 12.89 min Scan# 1871

Delta R.T. -0.03 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

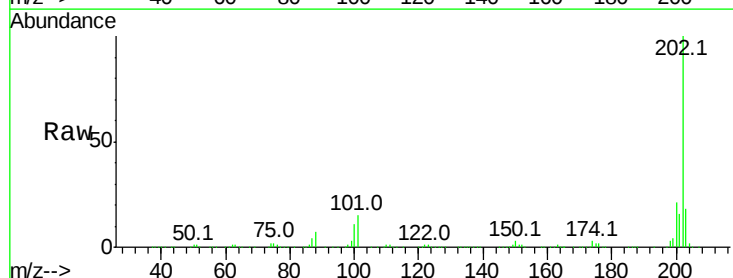
Tgt Ion:202 Resp: 1225635

Ion Ratio Lower Upper

202 100

101 14.8 0.0 33.2

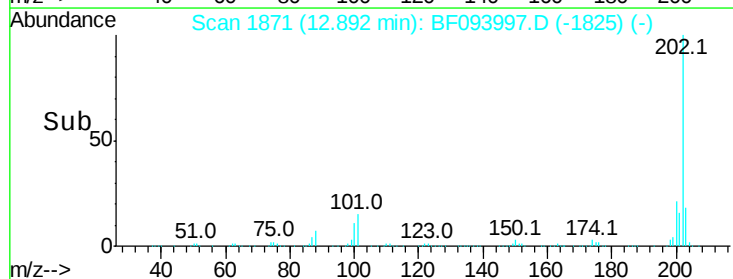
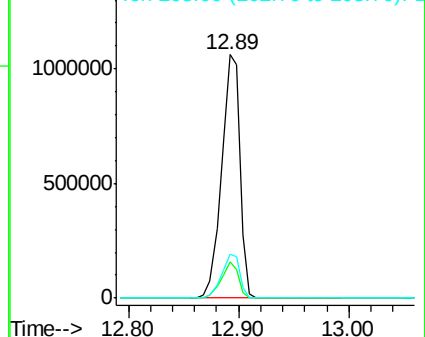
203 17.9 0.0 38.1

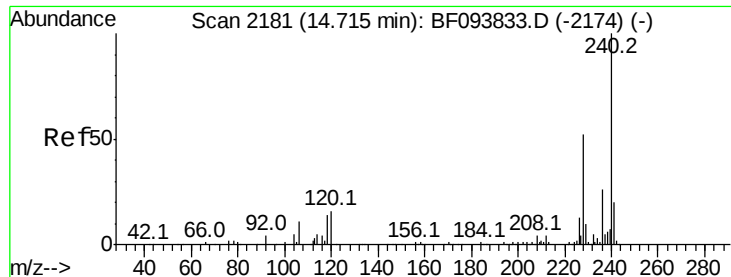


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.65 min Scan# 2170

Delta R.T. -0.03 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

BNA_F

ClientSampled :

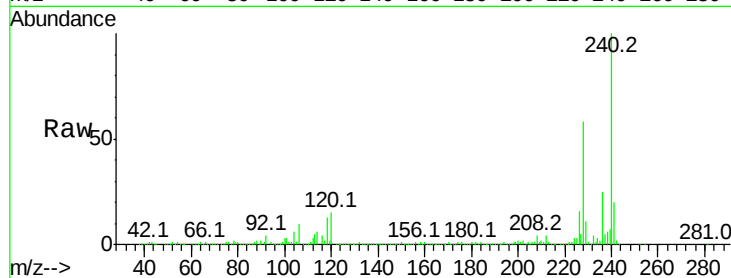
Tot Ion:240 Resp: 369083

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

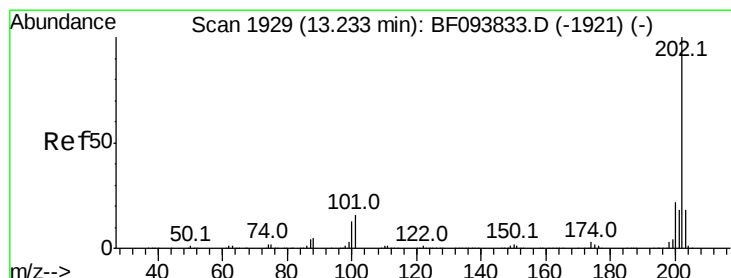
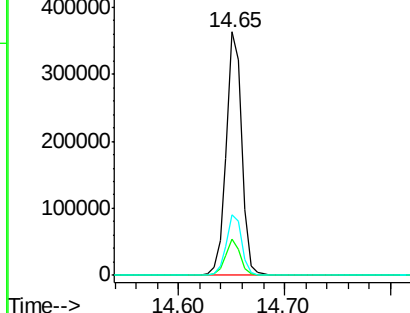
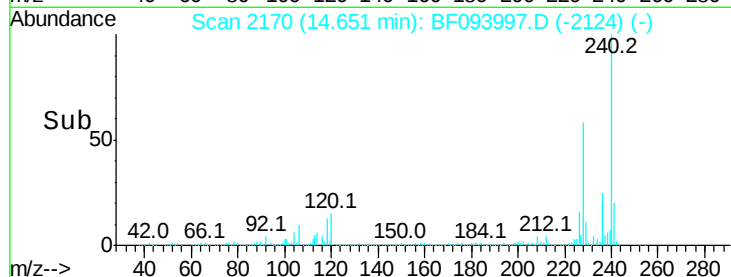
236 24.6 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 45.64 ng

RT: 13.17 min Scan# 1918

Delta R.T. -0.03 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

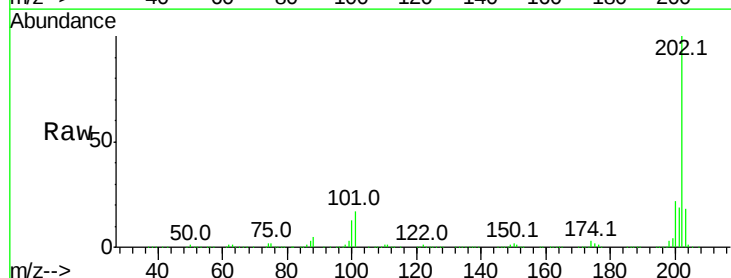
Tgt Ion:202 Resp: 1222414

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

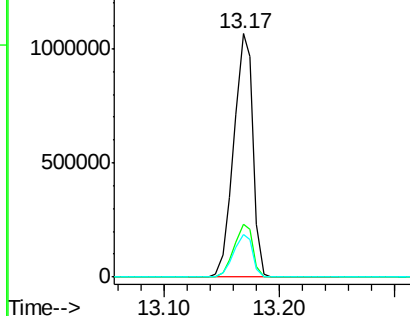
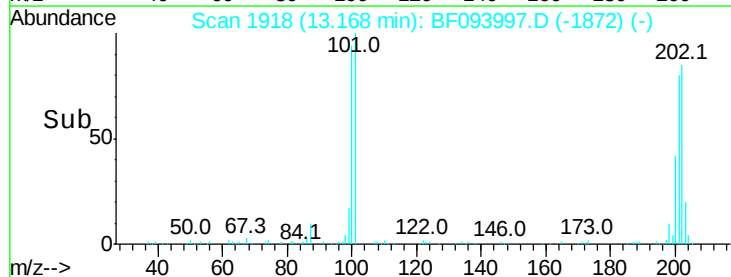
203 17.8 14.4 21.6

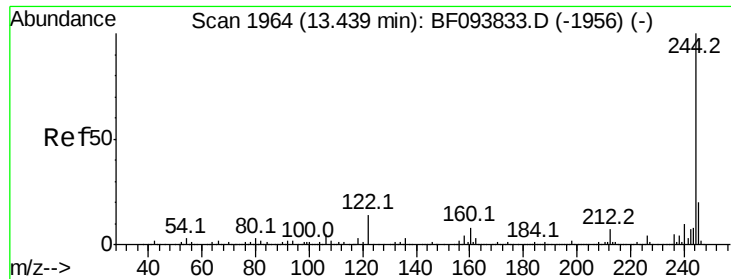


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

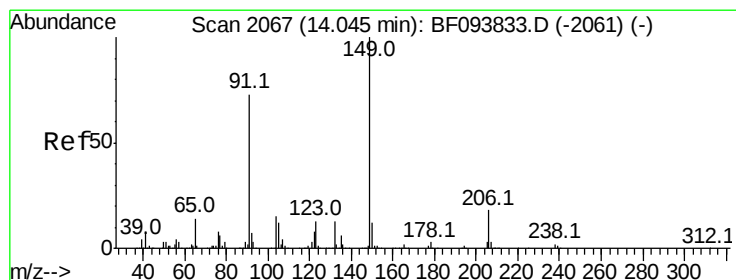
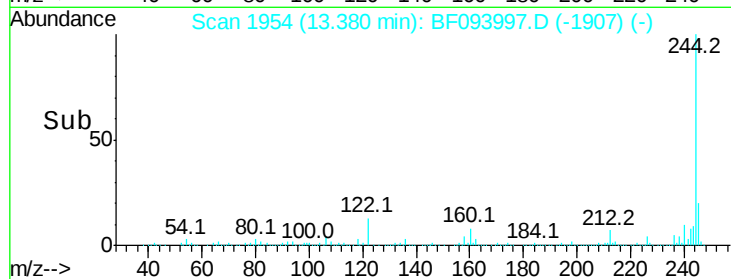
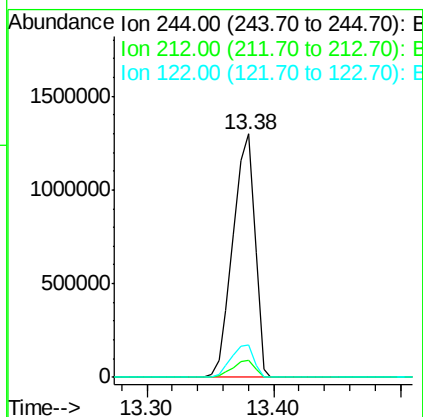
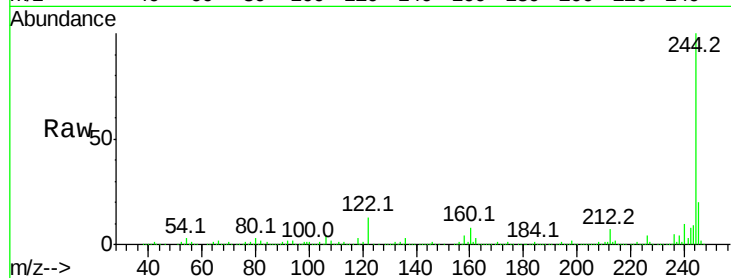




#78
 Terphenyl-d14
 Concen: 94.56 ng
 RT: 13.38 min Scan# 1954
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

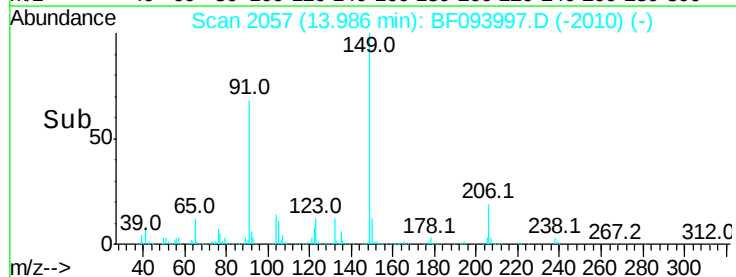
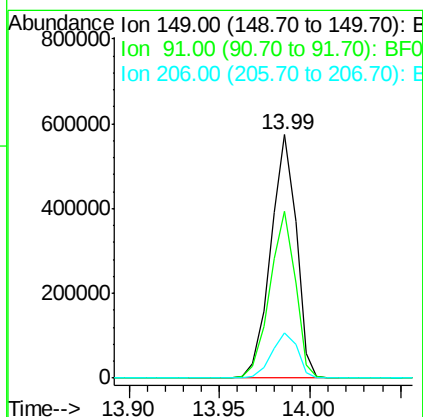
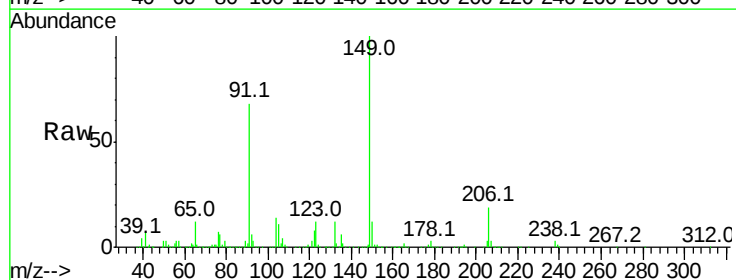
Instrument :
 BNA_F
 ClientSampleId :

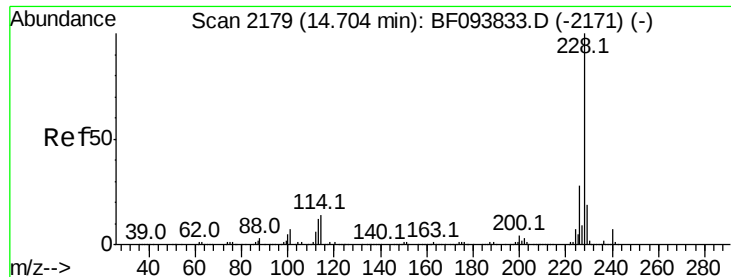
Tot Ion:244 Resp: 1556963
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.3 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 49.28 ng
 RT: 13.99 min Scan# 2057
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion:149 Resp: 562449
 Ion Ratio Lower Upper
 149 100
 91 68.4 45.0 67.4#
 206 18.5 17.0 25.6





#80

Benzo(a)anthracene

Concen: 40.51 ng

RT: 14.64 min Scan# 2168

Delta R.T. -0.03 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

BNA_F

ClientSampleId :

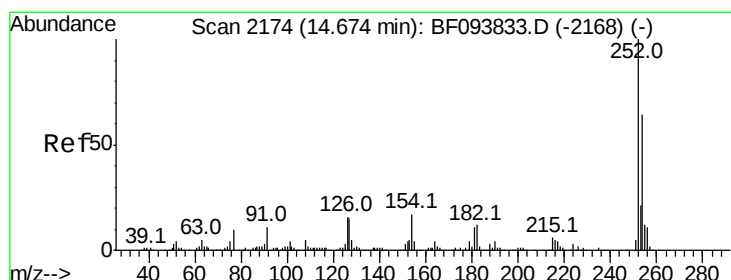
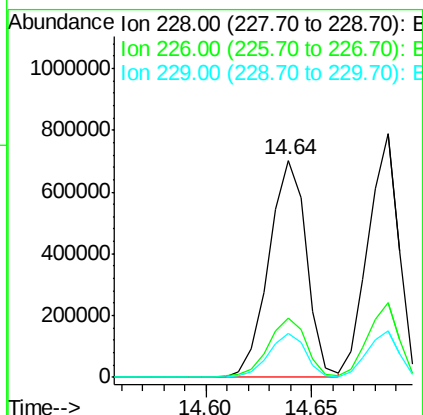
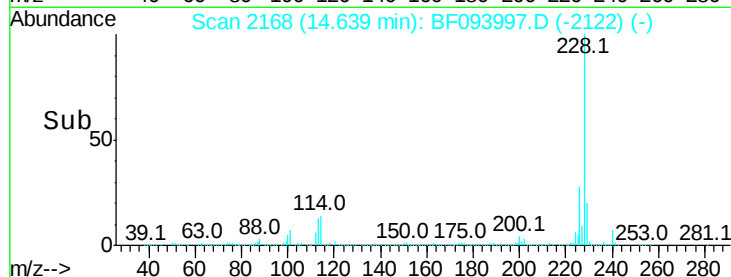
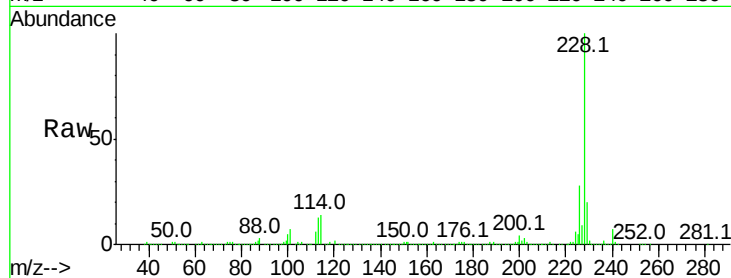
Tot Ion:228 Resp: 871844

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

229 20.0 16.3 24.5



#81

3,3'-Dichlorobenzidine

Concen: 28.24 ng

RT: 14.62 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

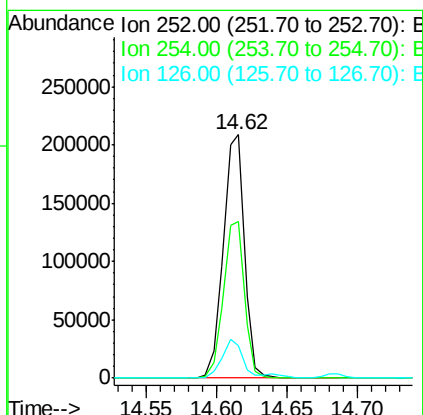
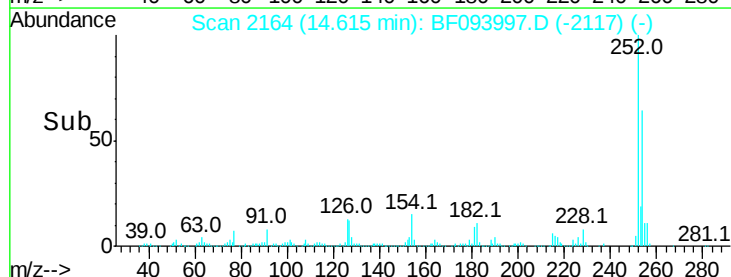
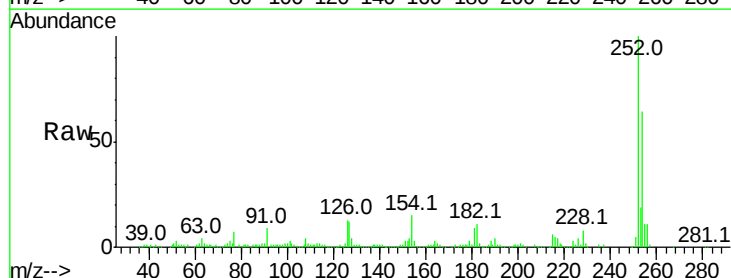
Tgt Ion:252 Resp: 217248

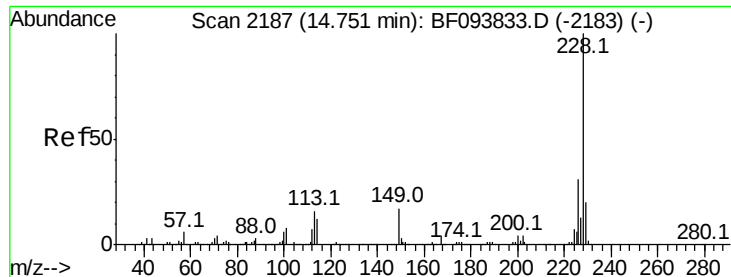
Ion Ratio Lower Upper

252 100

254 64.2 51.5 77.3

126 13.1 15.8 23.8#





#82

Chrysene

Concen: 40.11 ng

RT: 14.69 min Scan# 2176

Delta R.T. -0.03 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

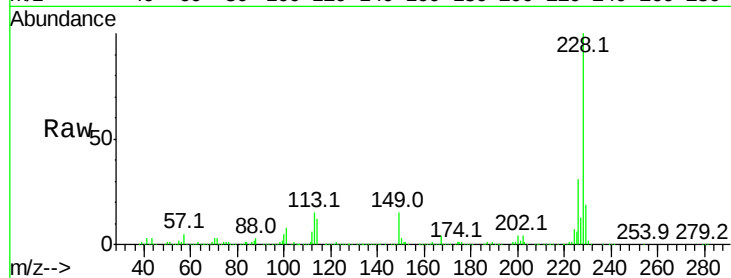
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 801154

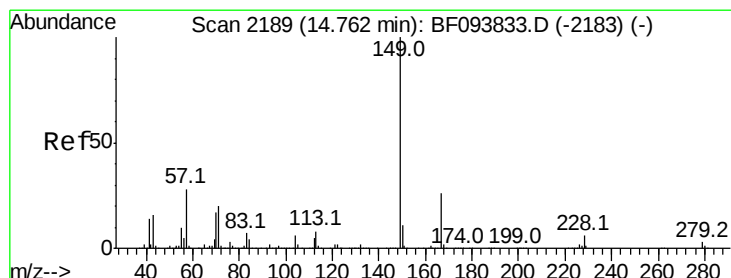
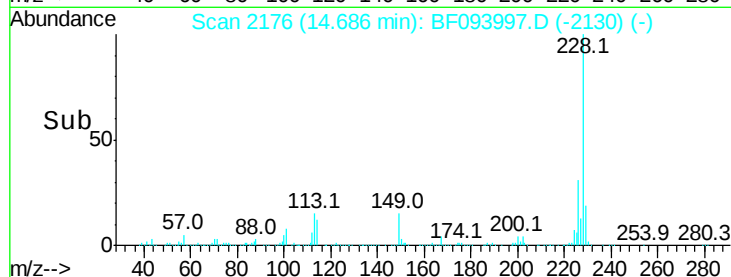
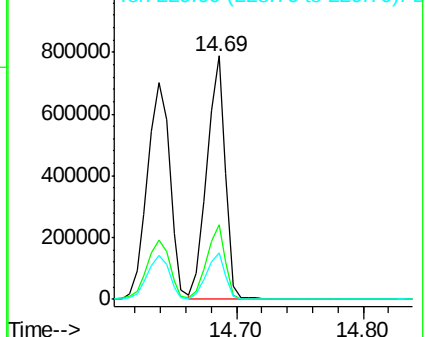
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	19.0	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 51.17 ng

RT: 14.70 min Scan# 2178

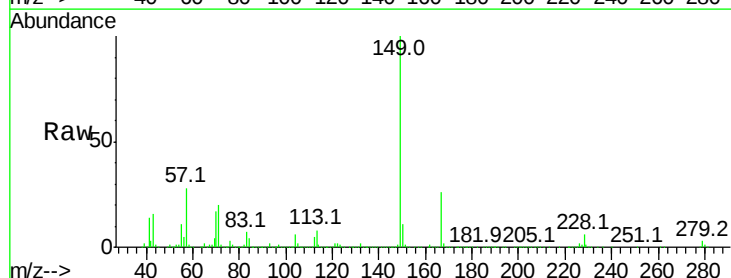
Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Tgt Ion:149 Resp: 796820

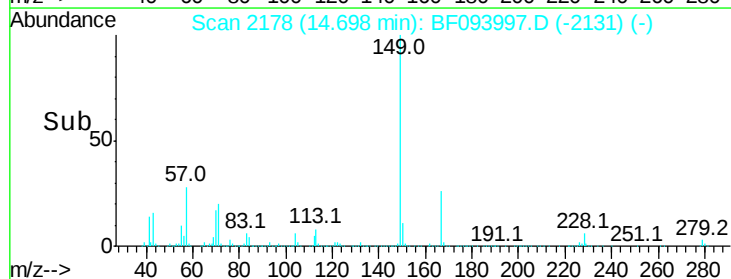
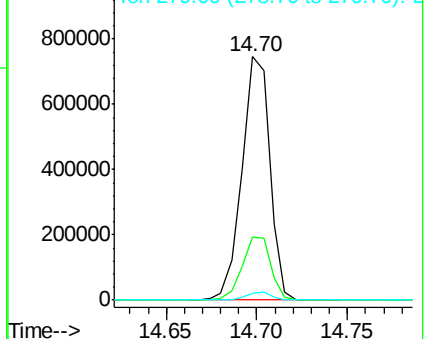
Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.0	31.4
279	2.7	1.9	2.9

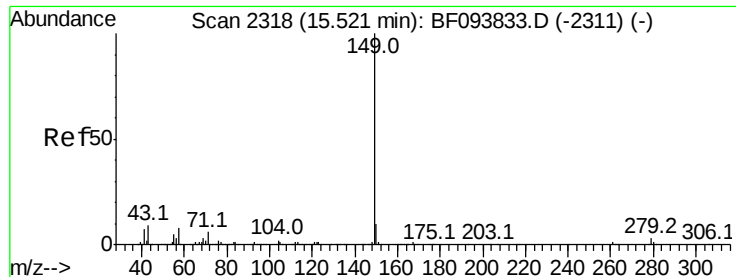


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

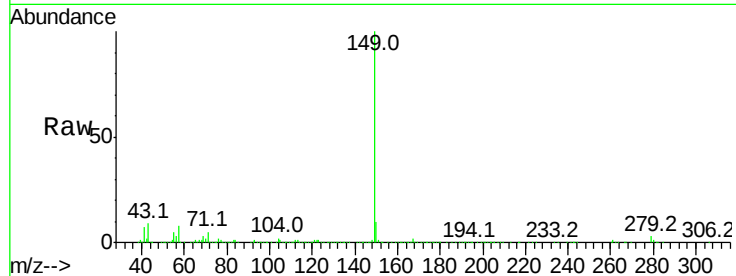




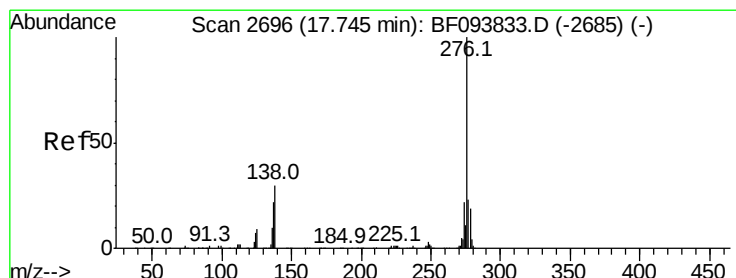
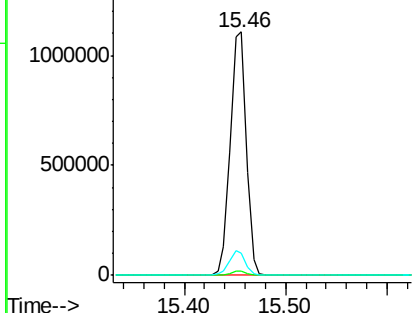
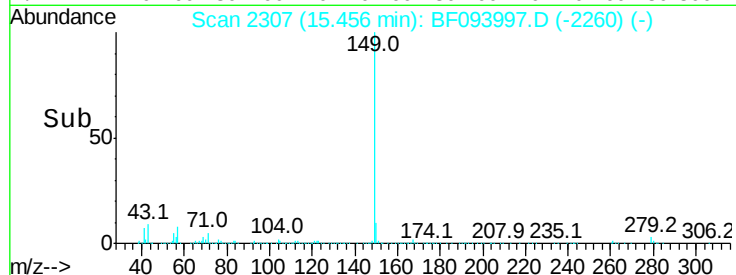
#84
Di-n-octyl phthalate
Concen: 47.00 ng
RT: 15.46 min Scan# 2307
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1222523
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.7 8.5 12.7

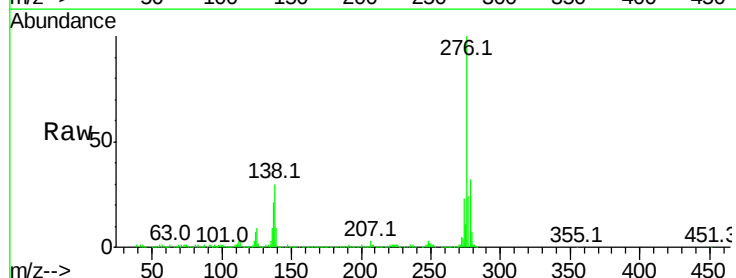


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

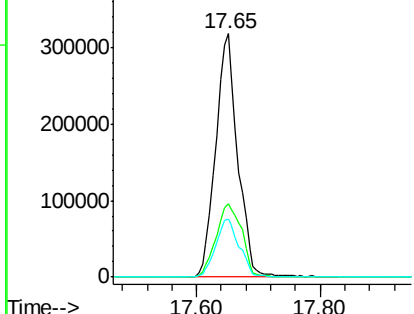
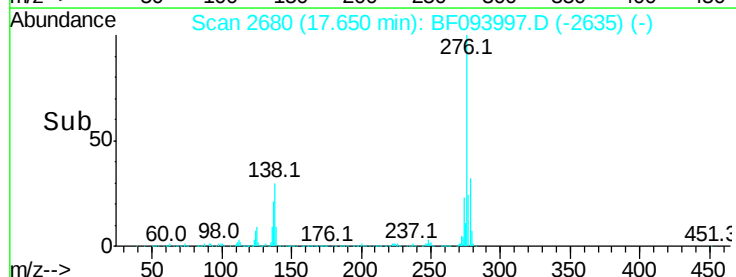


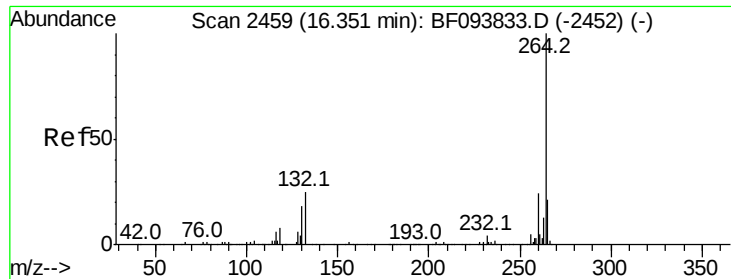
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.64 ng
RT: 17.65 min Scan# 2680
Delta R.T. -0.04 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion:276 Resp: 789405
Ion Ratio Lower Upper
276 100
138 35.0 27.8 41.6
277 25.6 20.2 30.4



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

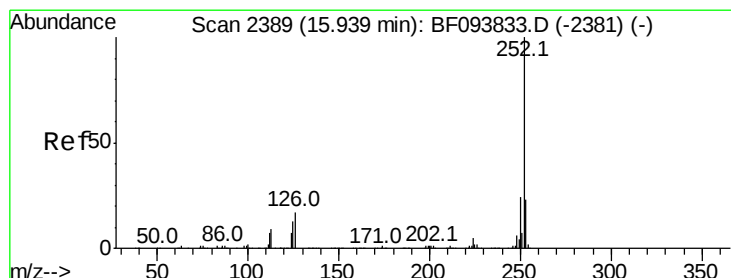
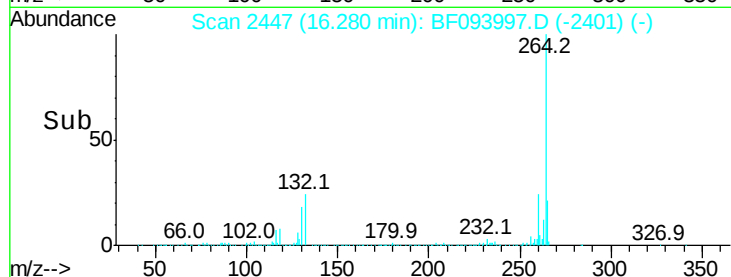
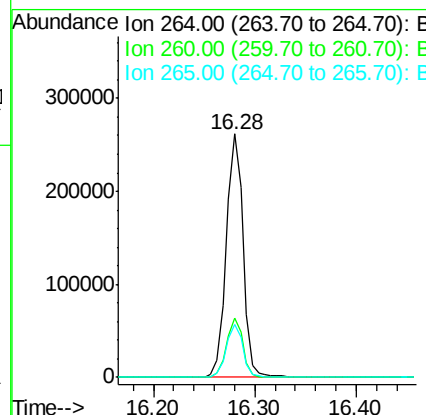
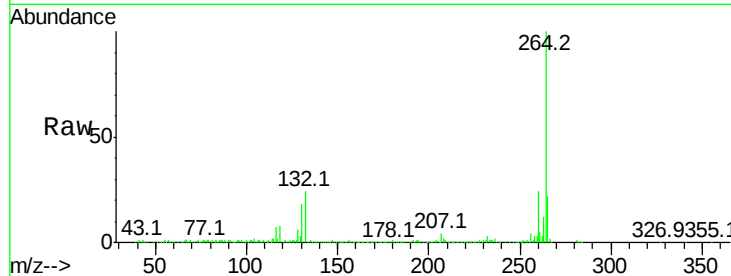




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.28 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

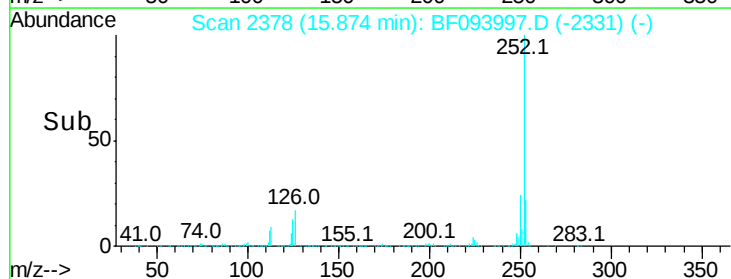
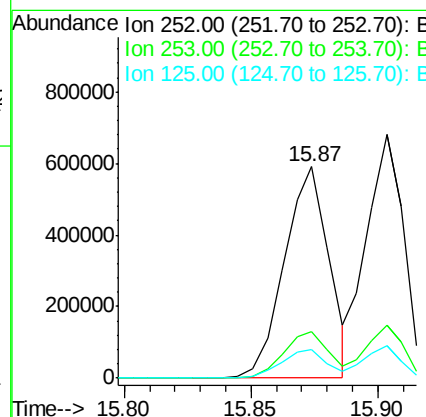
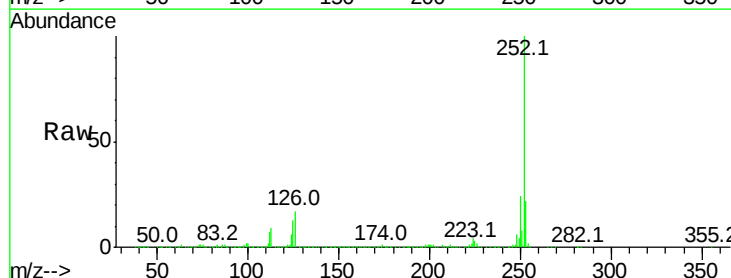
Instrument :
BNA_F
ClientSampleId :

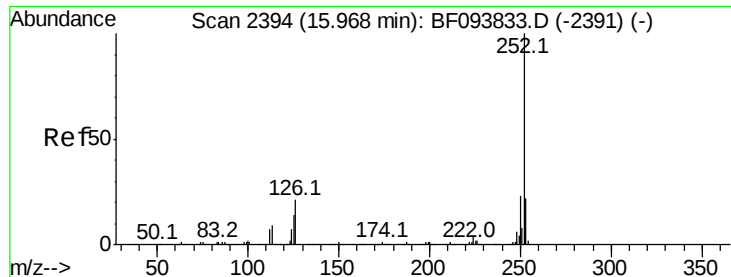
Tot Ion:264 Resp: 301275
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 21.5 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 39.08 ng
RT: 15.87 min Scan# 2378
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion:252 Resp: 721615
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 13.2 9.8 14.8

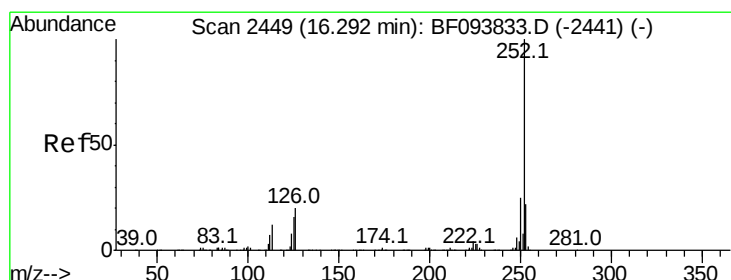
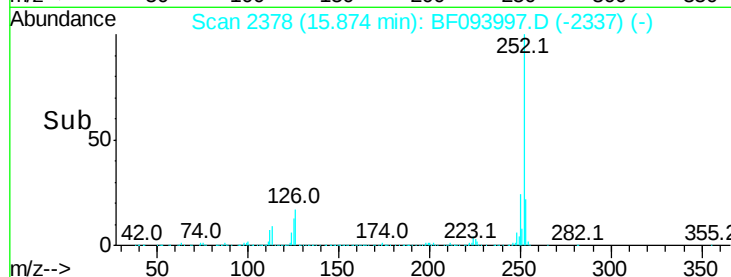
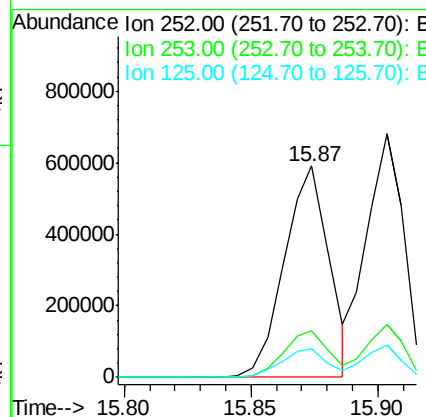
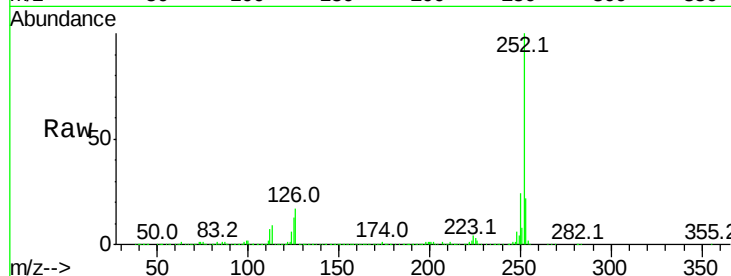




#88
Benzo(k)fluoranthene
Concen: 39.94 ng
RT: 15.87 min Scan# 2378
Delta R.T. -0.06 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

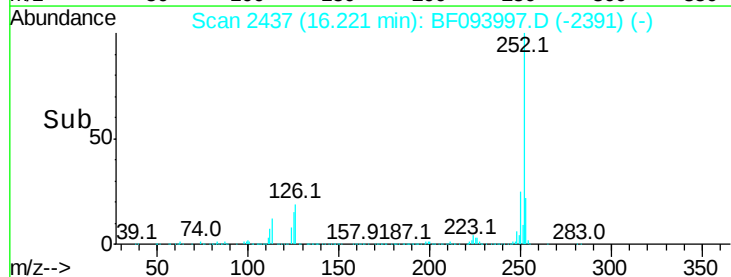
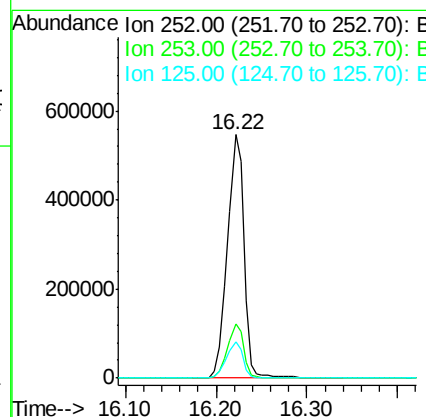
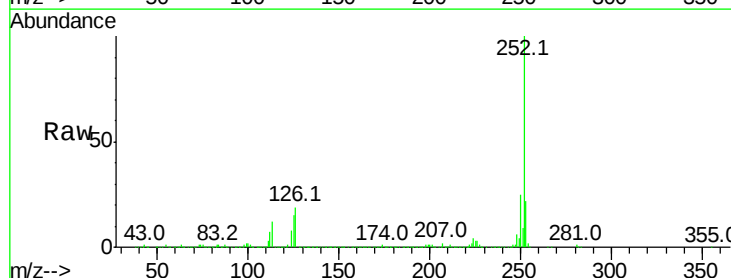
Instrument :
BNA_F
ClientSampled :

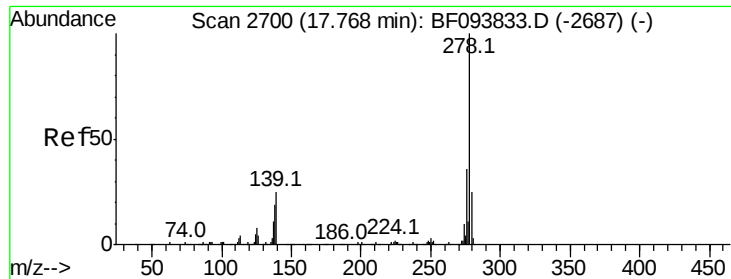
Tot Ion:252 Resp: 721615
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 13.2 13.1 19.7



#89
Benzo(a)pyrene
Concen: 40.32 ng
RT: 16.22 min Scan# 2437
Delta R.T. -0.03 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion:252 Resp: 685748
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 14.7 11.0 16.4

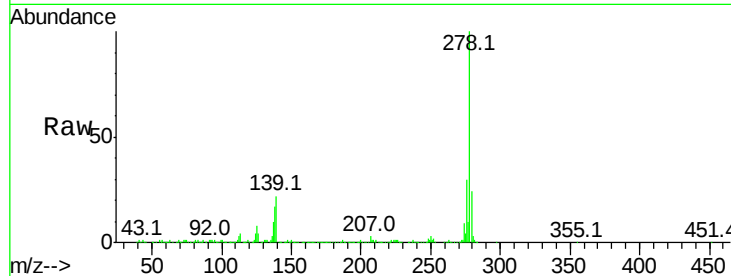




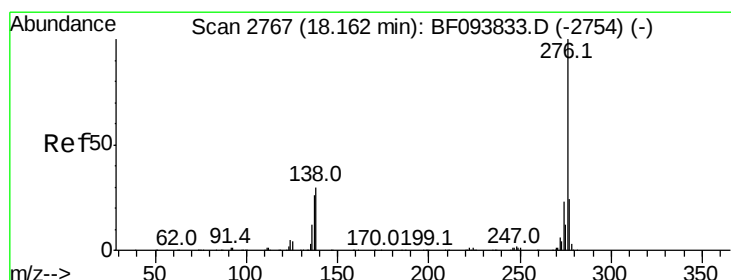
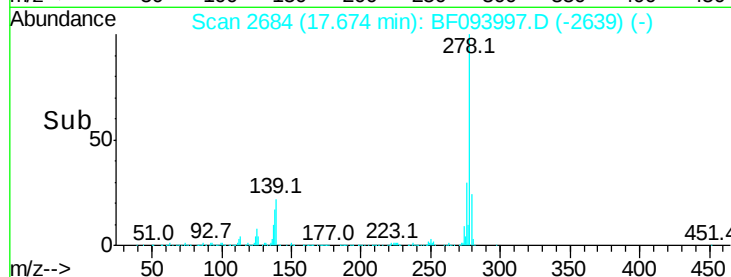
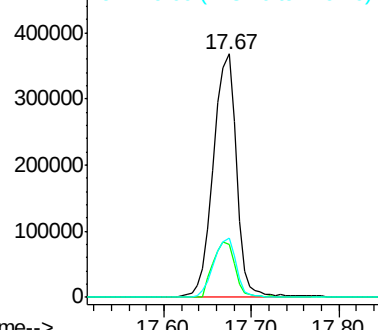
#90
Dibenzo(a,h)anthracene
Concen: 45.75 ng
RT: 17.67 min Scan# 2684
Delta R.T. -0.04 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 658929
Ion Ratio Lower Upper
278 100
139 22.0 16.6 24.8
279 24.2 19.3 28.9

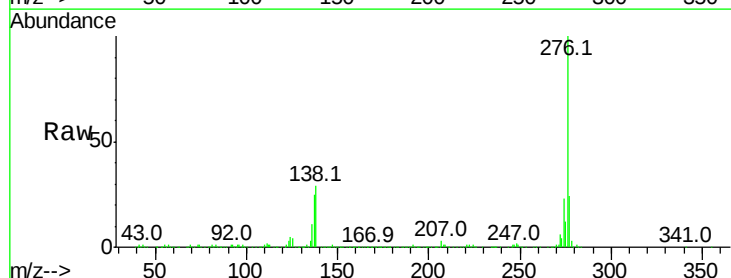


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 46.15 ng
RT: 18.06 min Scan# 2749
Delta R.T. -0.04 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion:276 Resp: 669873
Ion Ratio Lower Upper
276 100
277 24.3 18.6 28.0
138 28.8 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

