

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF093992.D
 Acq On : 28 Mar 2017 14:59
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 02:34:02 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	173500	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	694247	20.00	ng	-0.02
38) Acenaphthene-d10	9.57	164	323046	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	579793	20.00	ng	-0.02
75) Chrysene-d12	14.65	240	489425	20.00	ng	-0.03
86) Perylene-d12	16.28	264	397471	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	4.45	112	801756	78.05	ng	-0.02
7) Phenol-d6	5.53	99	997584	78.50	ng	-0.02
23) Nitrobenzene-d5	6.59	82	976369	80.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	220660	86.44	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	1699561	80.24	ng	-0.02
78) Terphenyl-d14	13.37	244	1704860	78.08	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.28	88	188752	38.25	ng	98
3) Pyridine	2.78	79	503491	37.43	ng	99
4) n-Nitrosodimethylamine	2.74	42	213643	38.60	ng	90
6) Aniline	5.55	93	671071	37.96	ng	97
8) 2-Chlorophenol	5.69	128	451471	39.99	ng	96
9) Benzaldehyde	5.42	77	311216	36.27	ng	99
10) Phenol	5.55	94	564225	39.02	ng	82
11) bis(2-Chloroethyl)ether	5.63	93	445145	39.39	ng	97
12) 1,3-Dichlorobenzene	5.86	146	499555	39.44	ng	99
13) 1,4-Dichlorobenzene	5.95	146	510305	39.78	ng	97
14) 1,2-Dichlorobenzene	6.13	146	471246	39.89	ng	96
15) Benzyl Alcohol	6.10	79	366615	39.42	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.26	45	657476	37.76	ng	99
17) 2-Methylphenol	6.23	107	385605	39.88	ng	98
18) Hexachloroethane	6.52	117	181356	40.22	ng	# 86
19) n-Nitroso-di-n-propylamine	6.42	70	310971	38.07	ng	97
20) 3+4-Methylphenols	6.42	107	467792	39.94	ng	# 67
22) Acetophenone	6.40	105	634127	40.98	ng	# 90
24) Nitrobenzene	6.60	77	480544	40.05	ng	95
25) Isophorone	6.89	82	856165	40.05	ng	96
26) 2-Nitrophenol	6.97	139	251404	43.94	ng	94
27) 2,4-Dimethylphenol	7.04	122	400103	40.58	ng	98
28) bis(2-Chloroethoxy)methane	7.15	93	561807	39.85	ng	99
29) 2,4-Dichlorophenol	7.27	162	381820	41.42	ng	97
30) 1,2,4-Trichlorobenzene	7.37	180	386345	40.69	ng	99
31) Naphthalene	7.46	128	1340187	40.15	ng	99
32) Benzoic acid	7.20	122	249328	37.99	ng	95
33) 4-Chloroaniline	7.53	127	547032	40.43	ng	# 94
34) Hexachlorobutadiene	7.62	225	199971	41.07	ng	98
35) Caprolactam	7.98	113	125239	42.60	ng	94
36) 4-Chloro-3-methylphenol	8.13	107	401961	41.73	ng	88
37) 2-Methylnaphthalene	8.30	142	902379	40.55	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	353949	40.05	ng	100
40) Hexachlorocyclopentadiene	8.50	237	172568	41.73	ng	96

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 BNA_F
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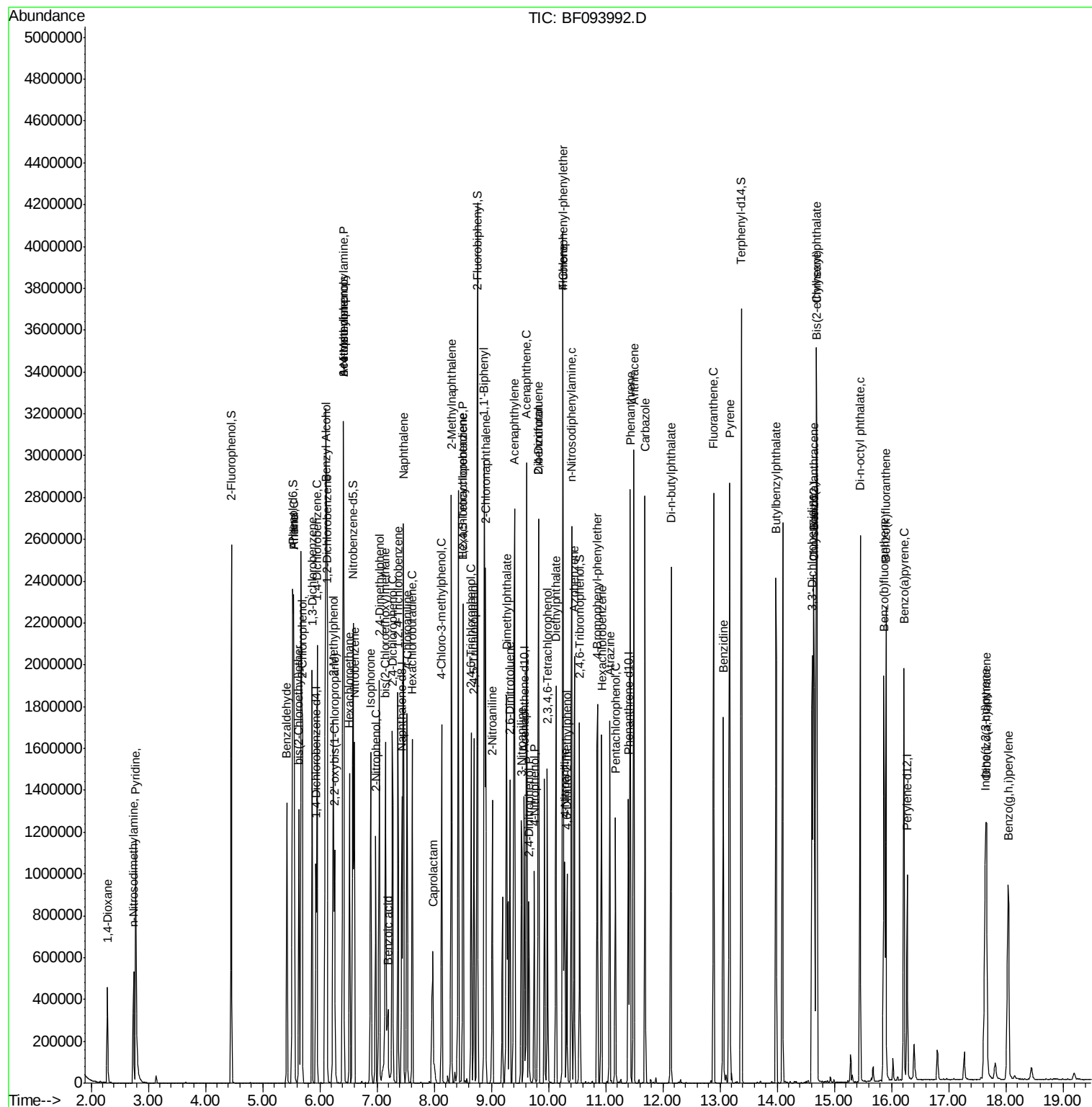
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	251424	40.21	nq	96
43) 2,4,5-Trichlorophenol	8.70	196	283901	41.96	nq	94
45) 1,1'-Biphenyl	8.87	154	1031884	39.60	nq	97
46) 2-Chloronaphthalene	8.90	162	808342	39.63	nq	95
47) 2-Nitroaniline	9.02	65	250764	41.44	nq	# 85
48) Acenaphthylene	9.40	152	1352964	39.91	nq	99
49) Dimethylphthalate	9.27	163	944051	41.11	nq	98
50) 2,6-Dinitrotoluene	9.33	165	224113	42.57	nq	89
51) Acenaphthene	9.62	154	773649	39.11	nq	99
52) 3-Nitroaniline	9.53	138	255709	41.37	nq	94
53) 2,4-Dinitrophenol	9.66	184	112542	42.29	nq	# 72
54) Dibenzofuran	9.83	168	1058593	39.31	nq	97
55) 4-Nitrophenol	9.75	139	204509	42.25	nq	# 70
56) 2,4-Dinitrotoluene	9.82	165	276979	41.89	nq	# 78
57) Fluorene	10.25	166	850554	38.09	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	194572	41.92	nq	97
59) Diethylphthalate	10.13	149	930936	41.02	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	366715	38.55	nq	93
61) 4-Nitroaniline	10.29	138	260289	43.88	nq	97
62) Azobenzene	10.45	77	853169	39.74	nq	96
64) 4,6-Dinitro-2-methylphenol	10.33	198	157529	44.36	nq	# 65
65) n-Nitrosodiphenylamine	10.40	169	788657	39.33	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	232072	40.70	nq	98
67) Hexachlorobenzene	10.93	284	238275	41.28	nq	# 87
68) Atrazine	11.07	200	244437	40.70	nq	96
69) Pentachlorophenol	11.17	266	142130	39.56	nq	99
70) Phenanthrene	11.43	178	1272771	39.46	nq	99
71) Anthracene	11.49	178	1327943	39.99	nq	99
72) Carbazole	11.69	167	1359673	39.93	nq	99
73) Di-n-butylphthalate	12.15	149	1499948	42.36	nq	99
74) Fluoranthene	12.89	202	1351952	40.94	nq	99
76) Benzidine	13.06	184	742773	38.35	nq	# 95
77) Pyrene	13.17	202	1409357	39.68	nq	100
79) Butylbenzylphthalate	13.98	149	651301	43.04	nq	# 83
80) Benzo(a)anthracene	14.64	228	1153390	40.41	nq	100
81) 3,3'-Dichlorobenzidine	14.62	252	434678	42.61	nq	# 96
82) Chrysene	14.69	228	1040823	39.30	nq	99
83) Bis(2-ethylhexyl)phthalate	14.70	149	872612	42.26	nq	# 98
84) Di-n-octyl phthalate	15.45	149	1493987	43.31	nq	98
85) Indeno(1,2,3-cd)pyrene	17.64	276	860522	37.52	nq	100
87) Benzo(b)fluoranthene	15.87	252	1036876	42.56	nq	98
88) Benzo(k)fluoranthene	15.90	252	921941	38.67	nq	97
89) Benzo(a)pyrene	16.22	252	920278	41.02	nq	100
90) Dibenzo(a,h)anthracene	17.66	278	727469	38.29	nq	98
91) Benzo(g,h,i)perylene	18.04	276	712122	37.19	nq	99

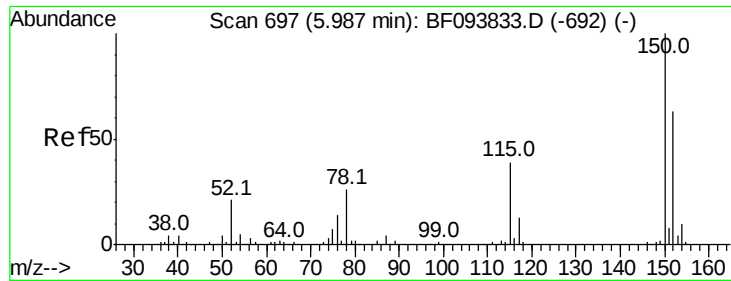
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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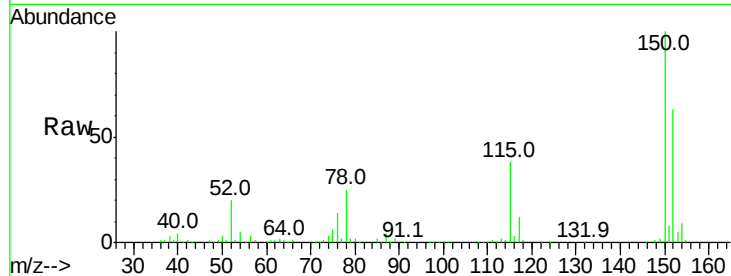


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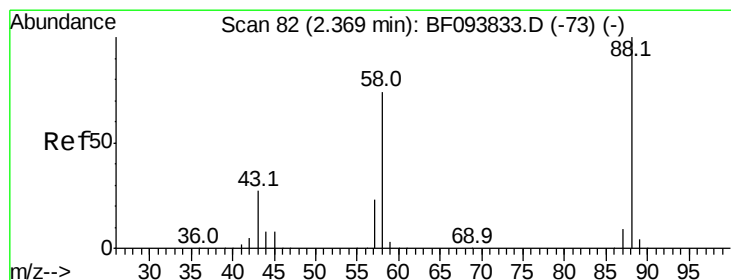
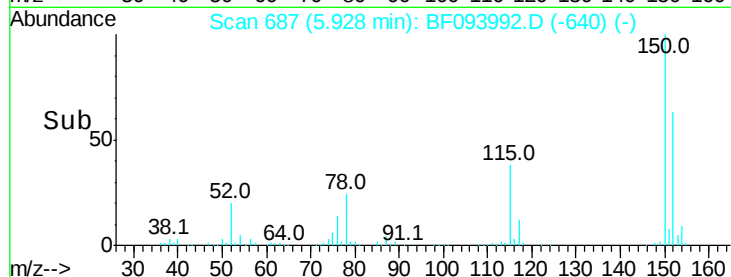
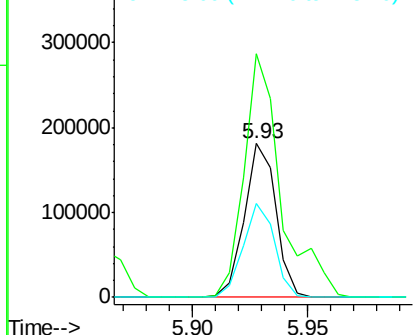
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 173500
Ion Ratio Lower Upper
152 100
150 158.7 126.2 189.2
115 61.0 52.2 78.2



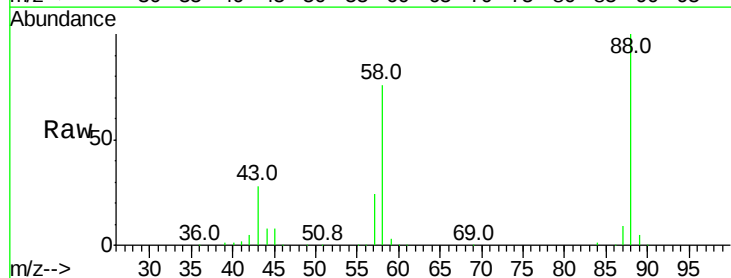
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



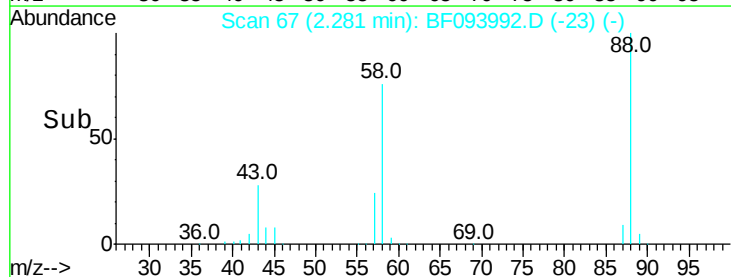
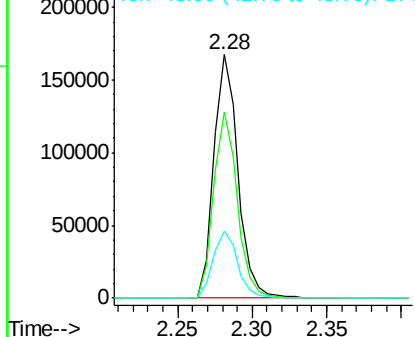
#2

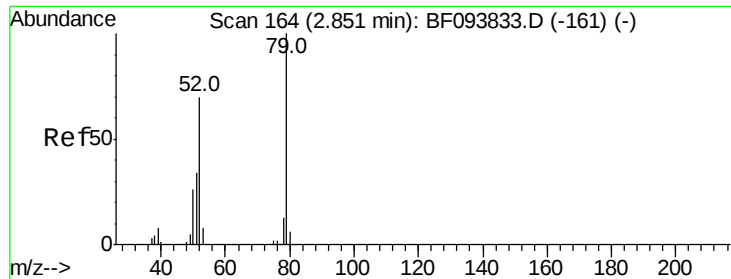
1,4-Dioxane
Concen: 38.25 ng
RT: 2.28 min Scan# 67
Delta R.T. -0.04 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

Tgt Ion: 88 Resp: 188752
Ion Ratio Lower Upper
88 100
58 74.7 61.4 92.0
43 27.9 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: 37.43 ng

RT: 2.78 min Scan# 151

Delta R.T. -0.04 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

Instrument :

BNA_F

ClientSampleId :

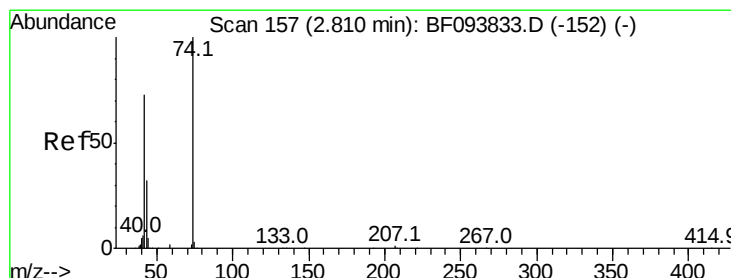
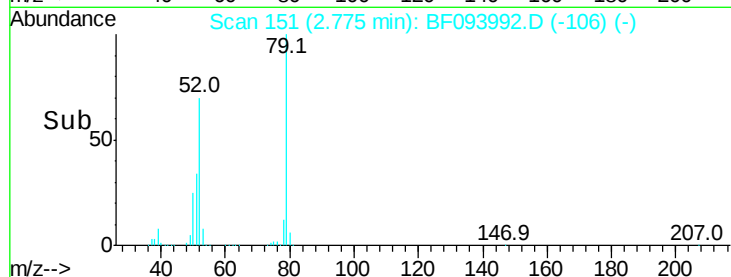
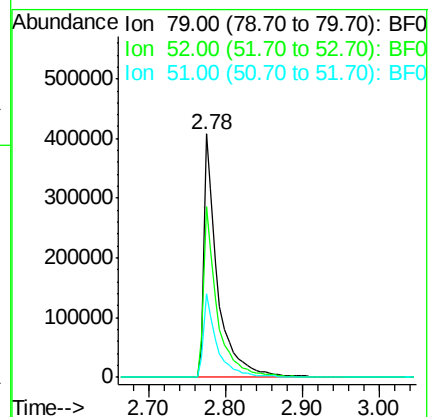
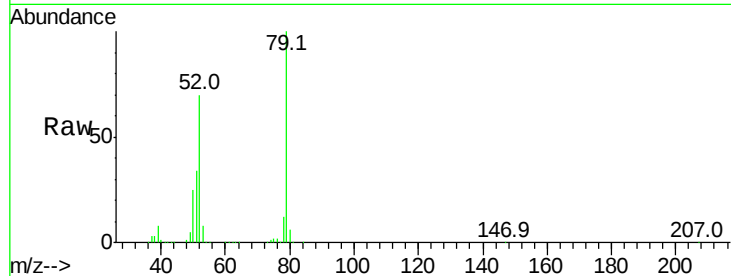
Tot Ion: 79 Resp: 503491

Ion Ratio Lower Upper

79 100

52 69.9 54.8 82.2

51 34.1 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 38.60 ng

RT: 2.74 min Scan# 145

Delta R.T. -0.04 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

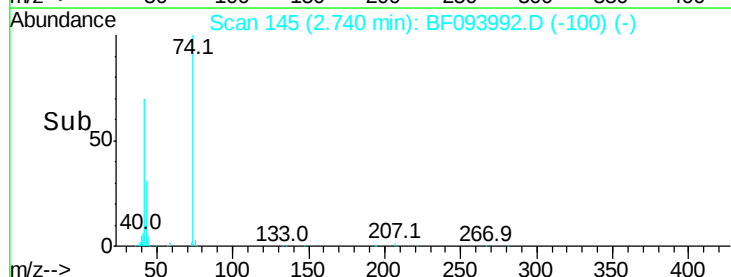
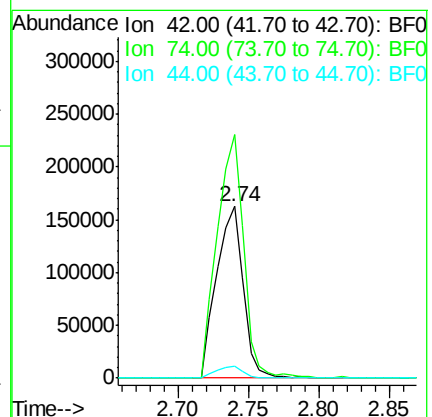
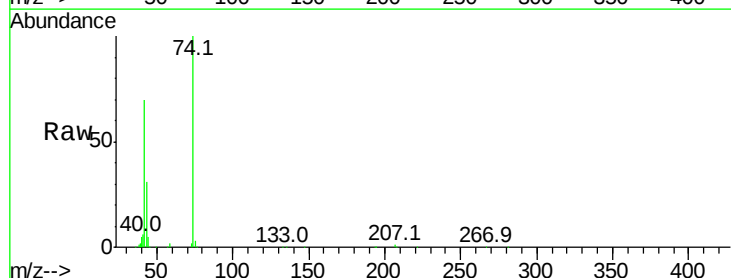
Tgt Ion: 42 Resp: 213643

Ion Ratio Lower Upper

42 100

74 142.1 103.9 155.9

44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 78.05 ng

RT: 4.45 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

Instrument :

BNA_F

ClientSampled :

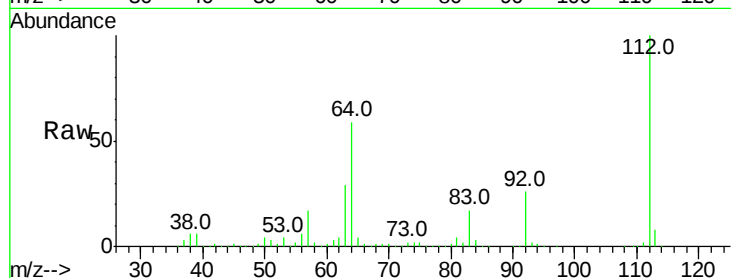
Tot Ion:112 Resp: 801756

Ion Ratio Lower Upper

112 100

64 59.1 46.0 69.0

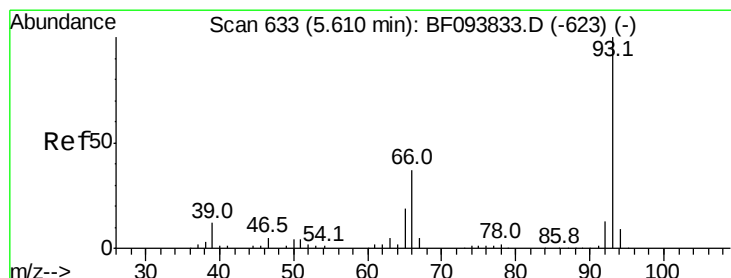
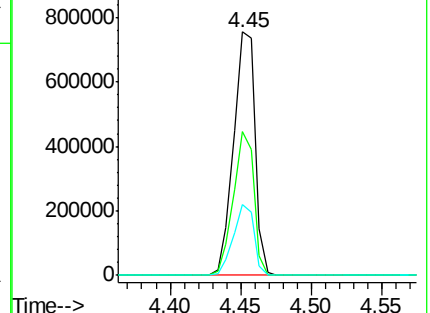
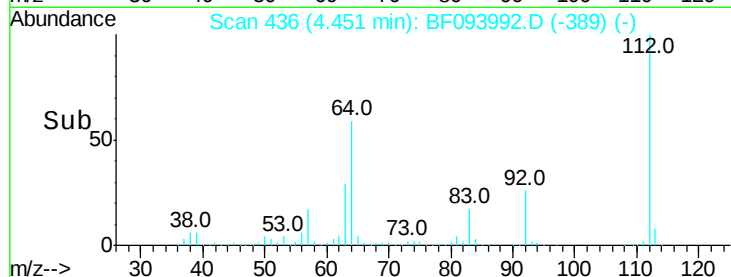
63 29.2 23.4 35.0



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: 37.96 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

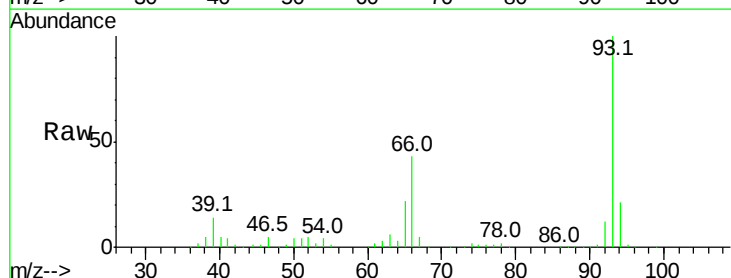
Tgt Ion: 93 Resp: 671071

Ion Ratio Lower Upper

93 100

66 42.9 32.9 49.3

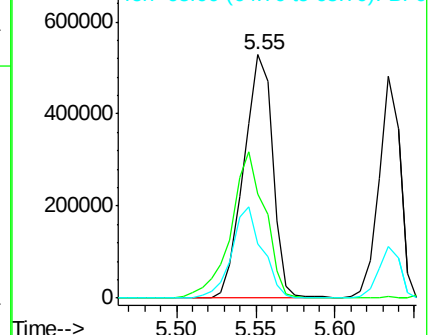
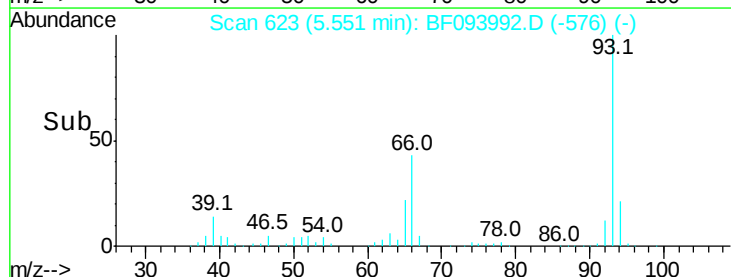
65 22.1 16.0 24.0

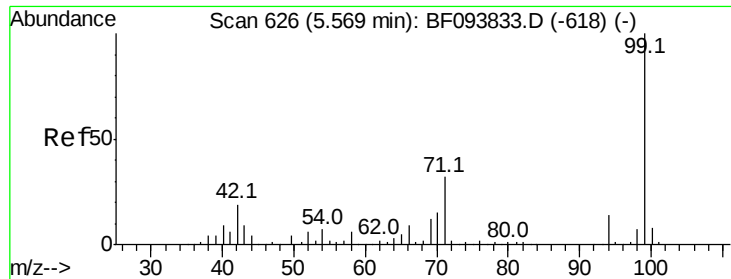


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.50 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF093992.D

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ClientSampleId :

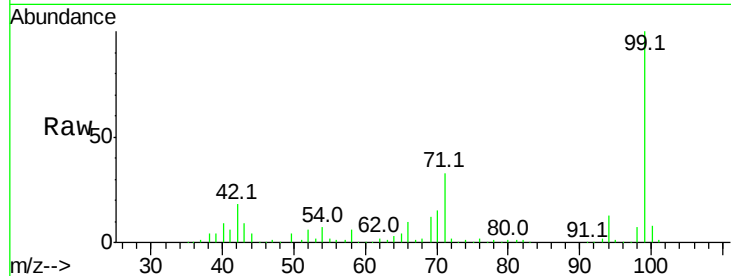
Tot Ion: 99 Resp: 997584

Ion Ratio Lower Upper

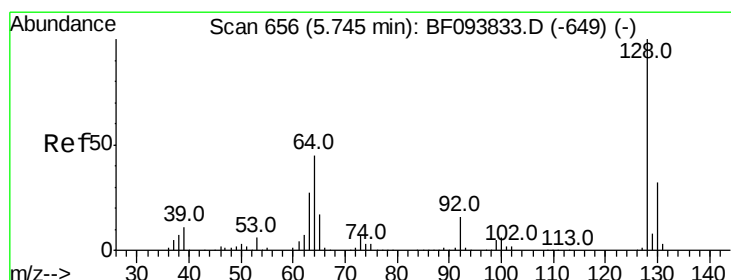
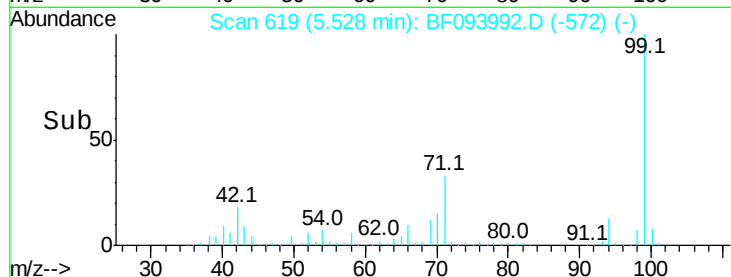
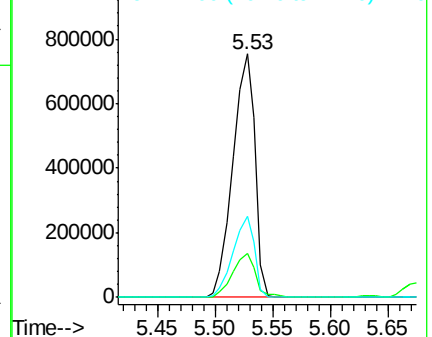
99 100

42 17.8 13.5 20.3

71 33.1 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: 39.99 ng

RT: 5.69 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

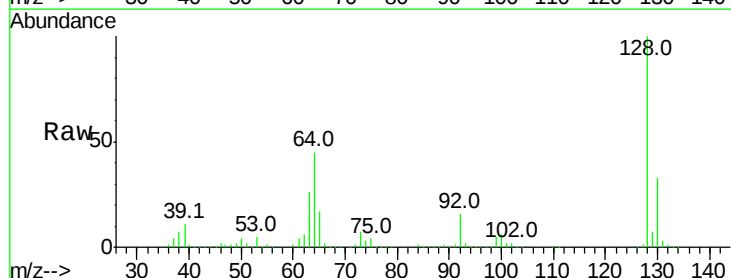
Tgt Ion: 128 Resp: 451471

Ion Ratio Lower Upper

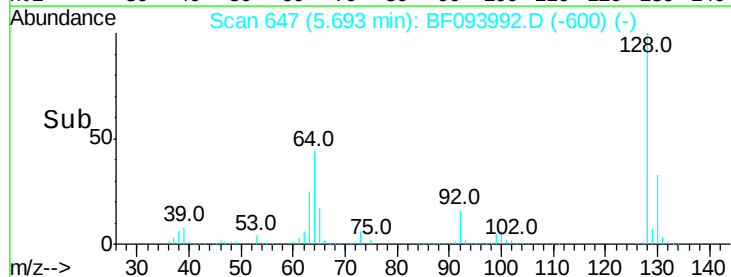
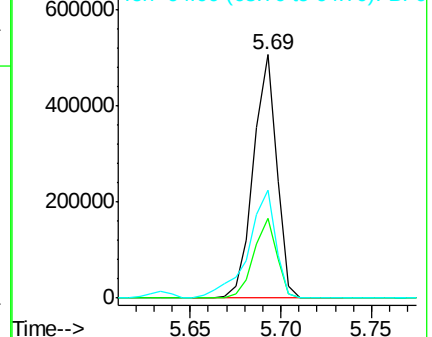
128 100

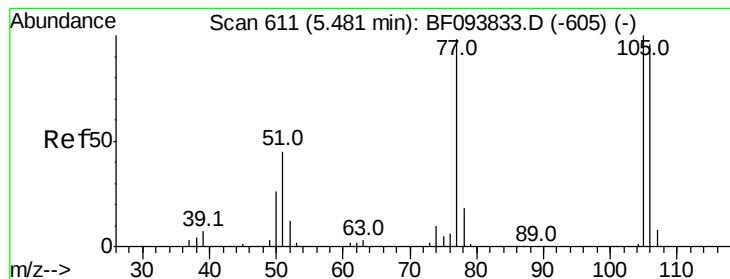
130 32.7 12.9 52.9

64 44.5 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: 36.27 ng

RT: 5.42 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

Instrument :

BNA_F

ClientSampled :

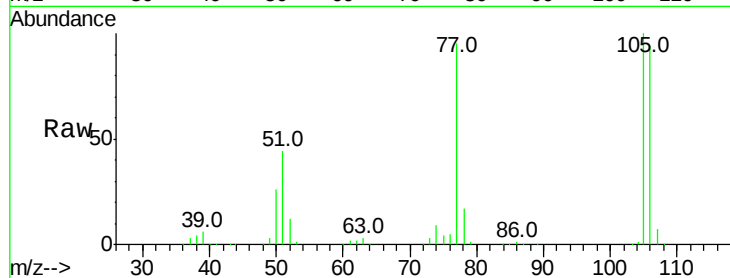
Tot Ion: 77 Resp: 311216

Ion Ratio Lower Upper

77 100

105 104.9 83.8 123.8

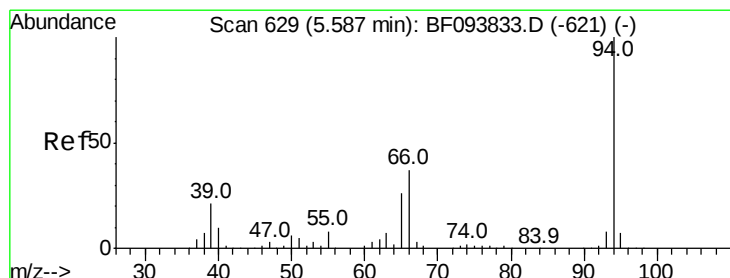
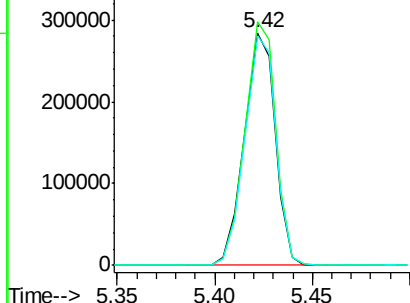
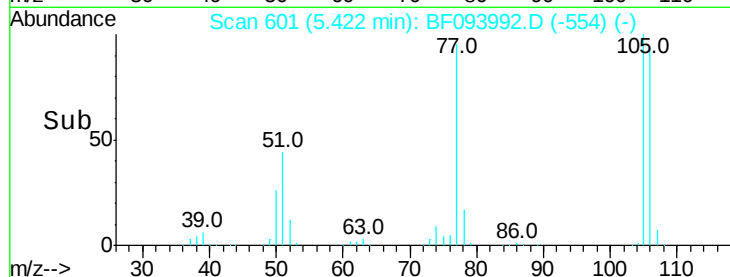
106 98.6 79.1 119.1



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: 39.02 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.02 min

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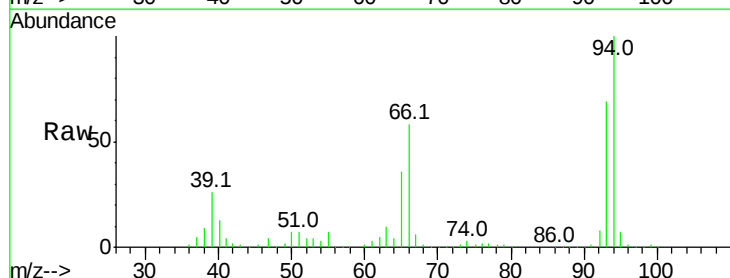
Tgt Ion: 94 Resp: 564225

Ion Ratio Lower Upper

94 100

65 36.0 9.9 49.9

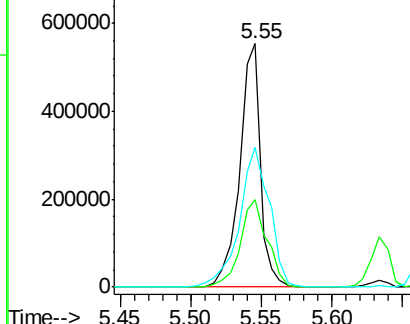
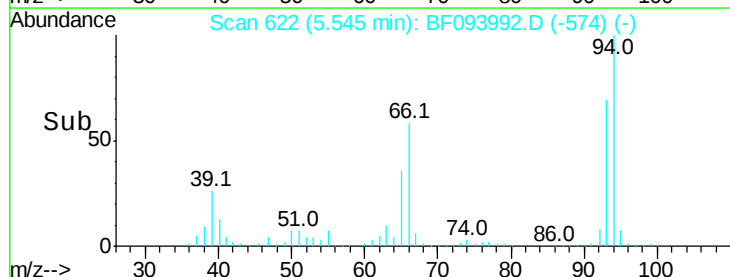
66 57.5 23.1 63.1



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

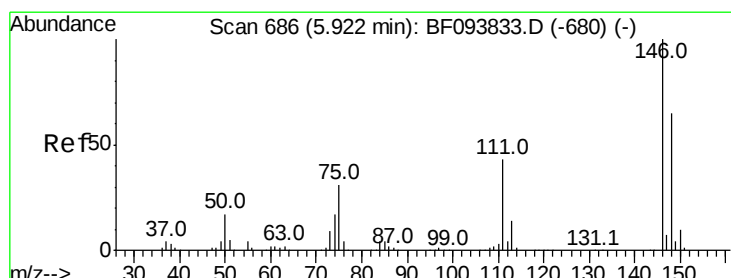
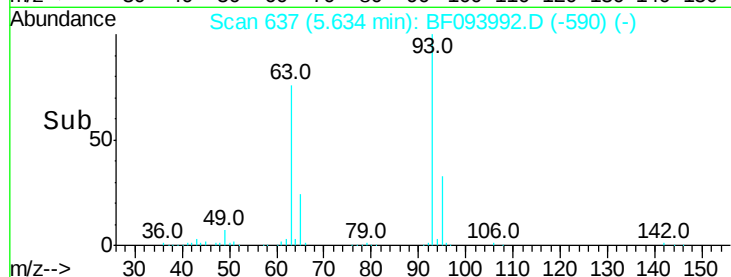
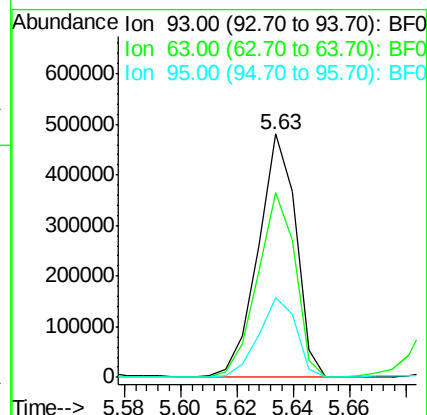
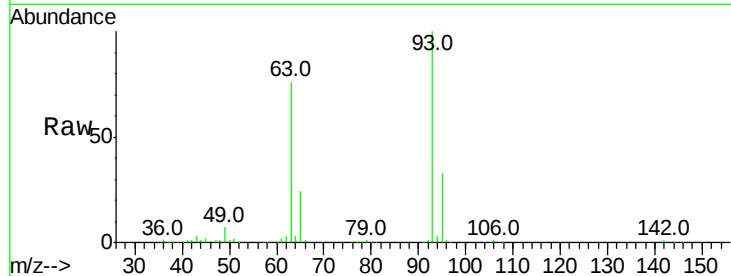




#11
bis(2-Chloroethyl)ether
Concen: 39.39 ng
RT: 5.63 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

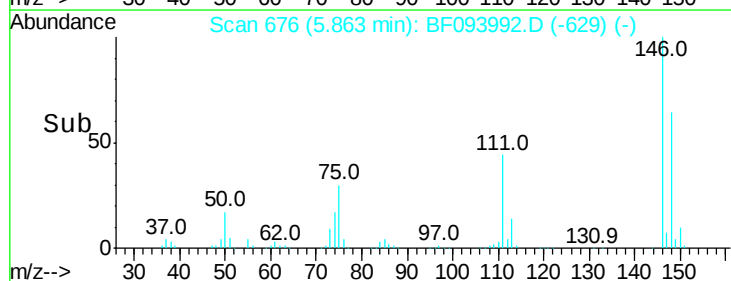
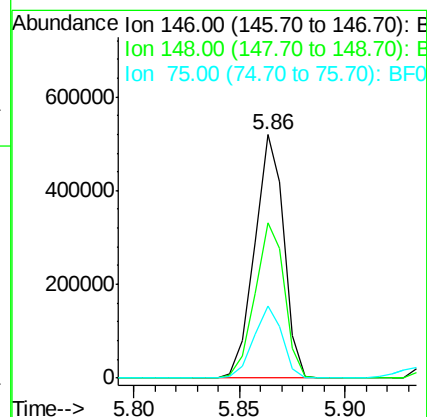
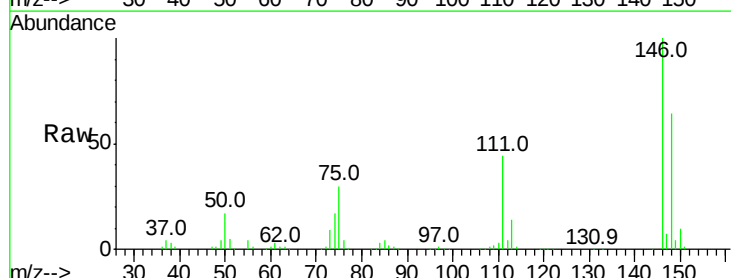
Instrument :
BNA_F
ClientSampleId :

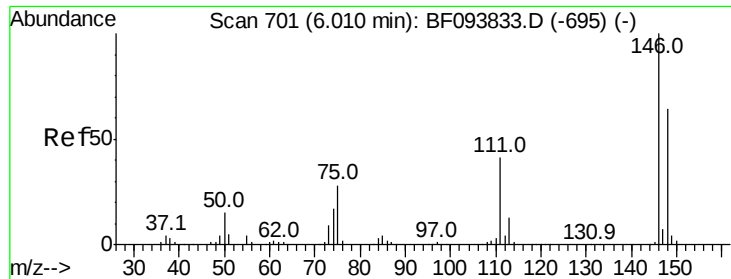
Tot Ion: 93 Resp: 445145
Ion Ratio Lower Upper
93 100
63 75.8 59.2 99.2
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.44 ng
RT: 5.86 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

Tgt Ion: 146 Resp: 499555
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.6
75 29.8 23.1 34.7

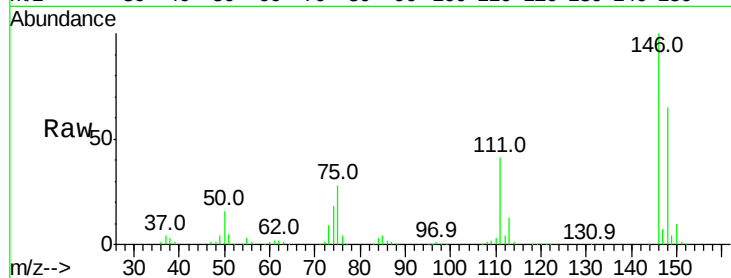




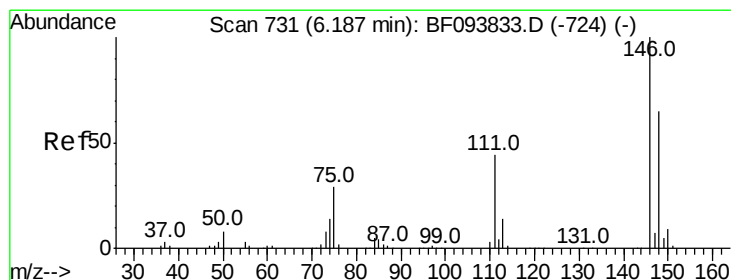
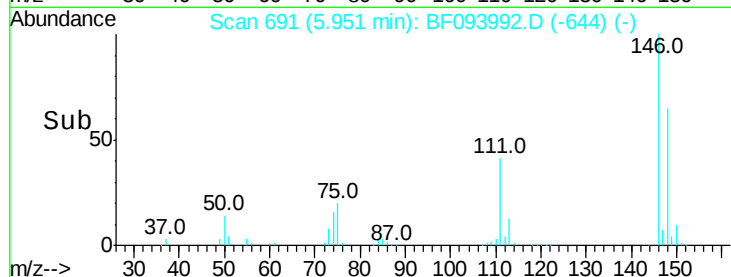
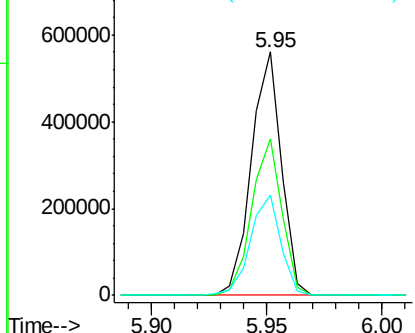
#13
 1,4-Dichlorobenzene
 Concen: 39.78 ng
 RT: 5.95 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 510305
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.2
 111 41.3 30.3 45.5

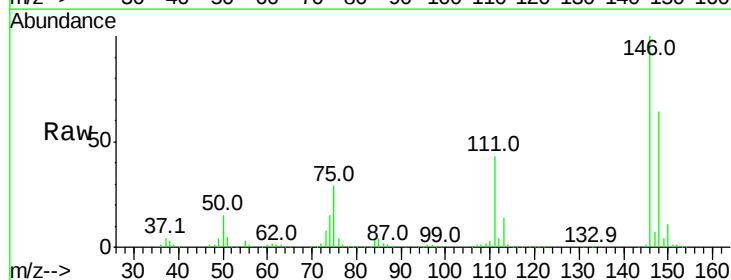


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

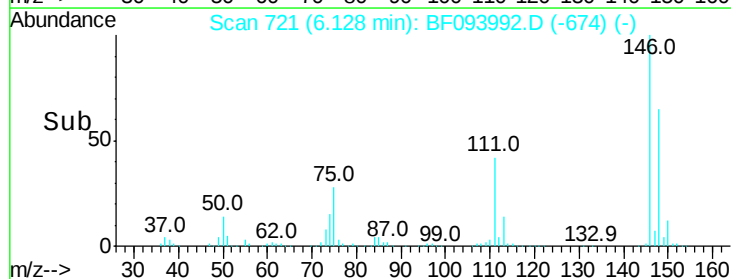
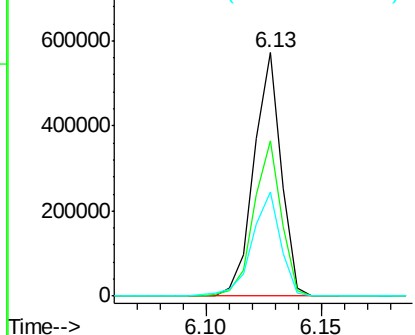


#14
 1,2-Dichlorobenzene
 Concen: 39.89 ng
 RT: 6.13 min Scan# 721
 Delta R.T. -0.02 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

Tgt Ion:146 Resp: 471246
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.4 75.6
 111 42.8 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 39.42 ng

RT: 6.10 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

Instrument :

BNA_F

ClientSampled :

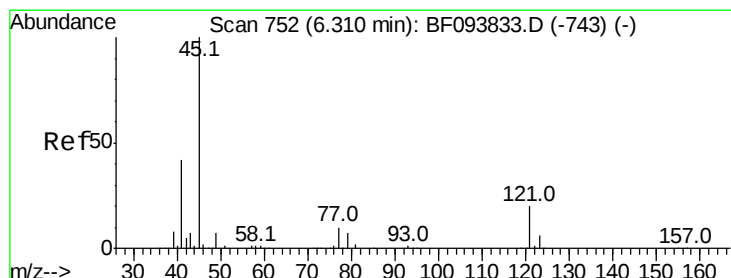
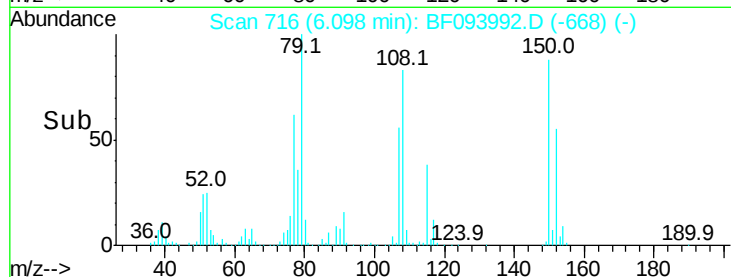
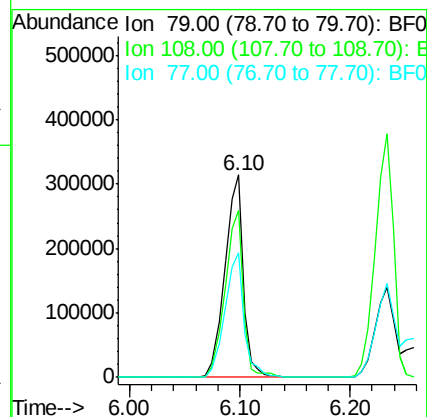
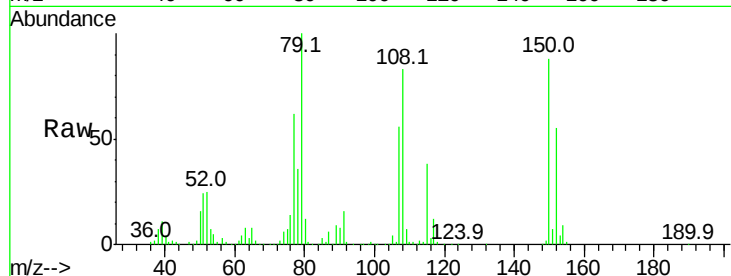
Tot Ion: 79 Resp: 366615

Ion Ratio Lower Upper

79 100

108 82.6 63.4 95.0

77 61.5 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.76 ng

RT: 6.26 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

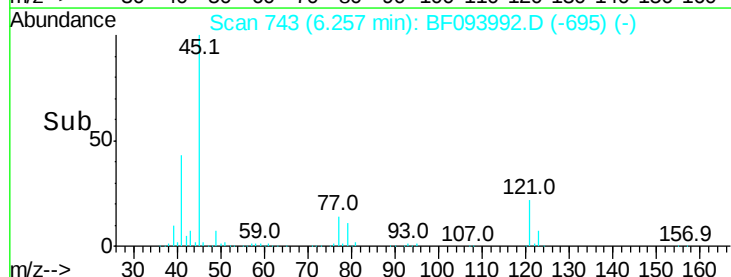
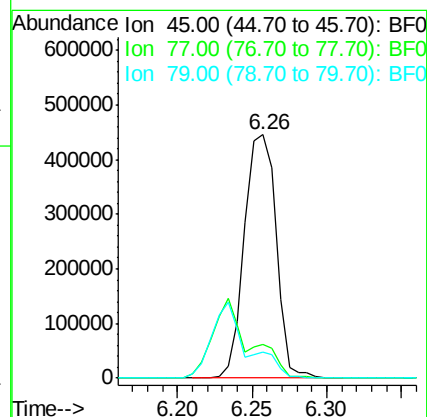
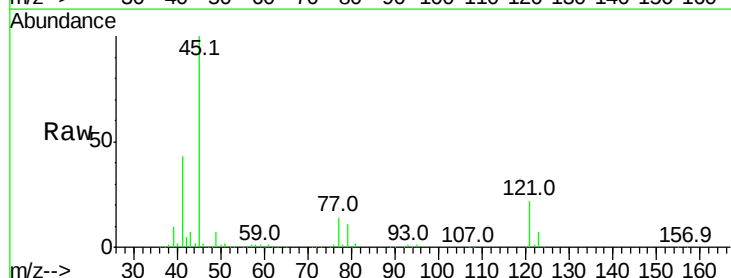
Tgt Ion: 45 Resp: 657476

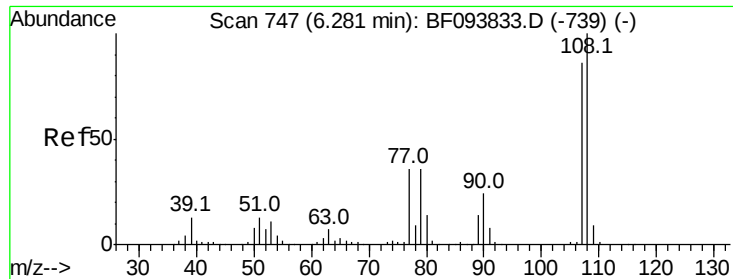
Ion Ratio Lower Upper

45 100

77 13.6 0.0 33.2

79 10.6 0.0 30.0

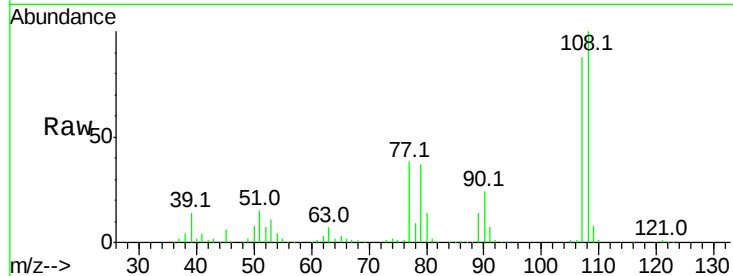




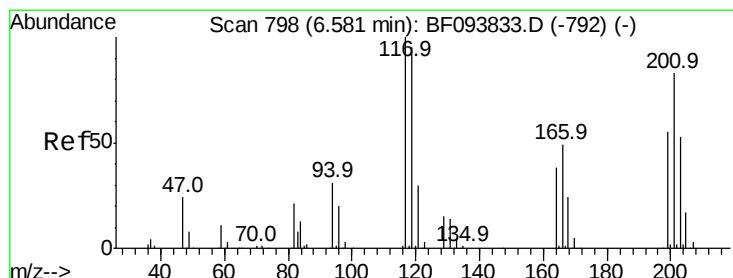
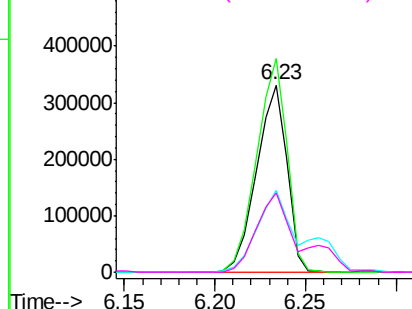
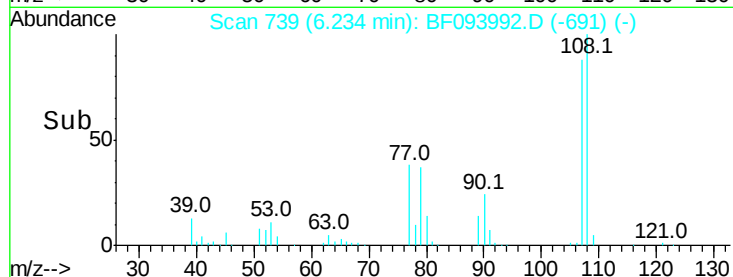
#17
2-Methylphenol
Concen: 39.88 ng
RT: 6.23 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 385605
Ion Ratio Lower Upper
107 100
108 114.2 93.4 140.0
77 43.8 35.8 53.6
79 42.3 34.8 52.2

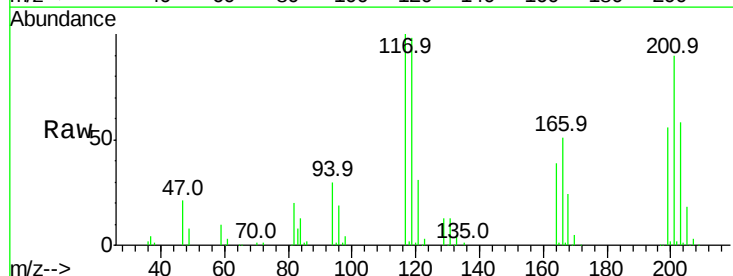


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

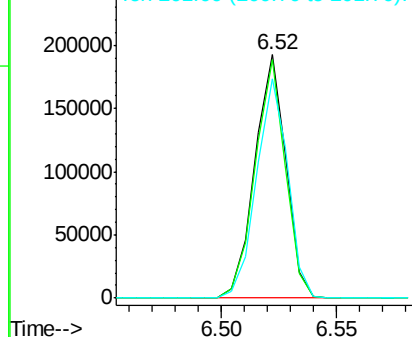
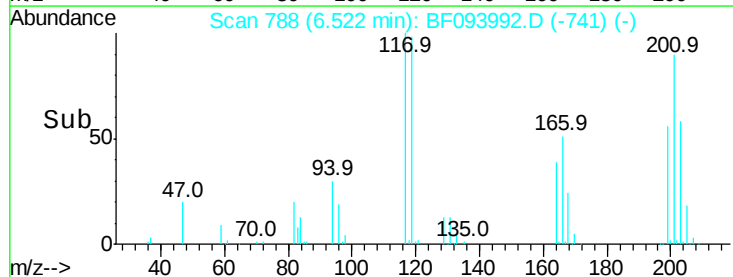


#18
Hexachloroethane
Concen: 40.22 ng
RT: 6.52 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

Tgt Ion:117 Resp: 181356
Ion Ratio Lower Upper
117 100
119 97.7 77.4 116.0
201 90.3 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

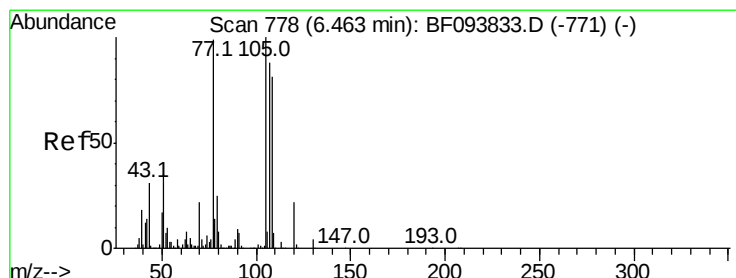
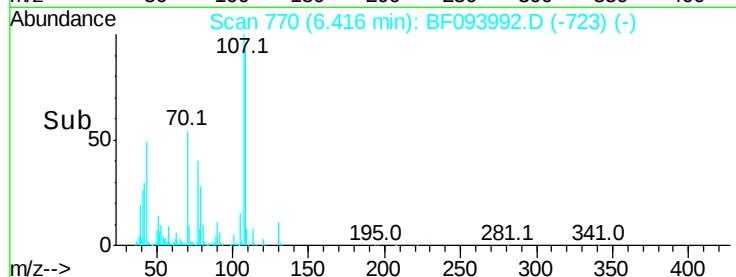
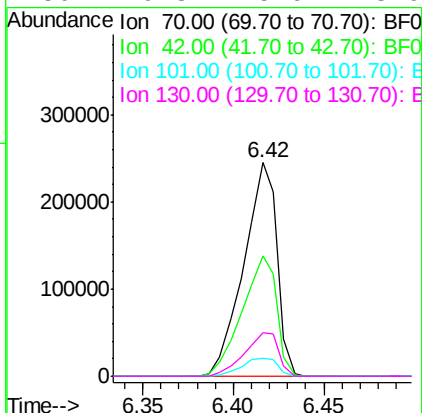
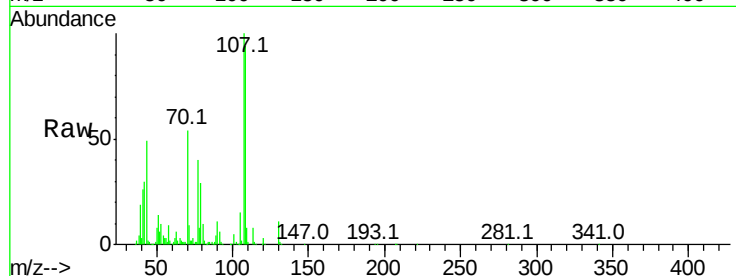




#19
n-Nitroso-di-n-propylamine
Concen: 38.07 ng
RT: 6.42 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

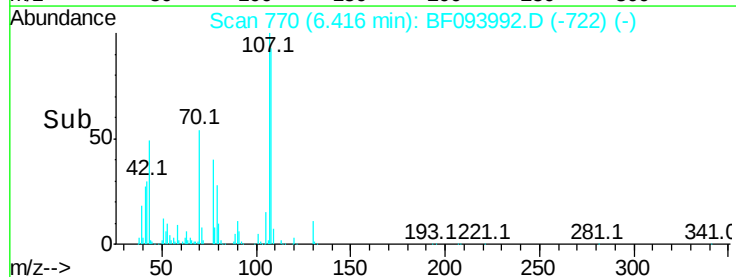
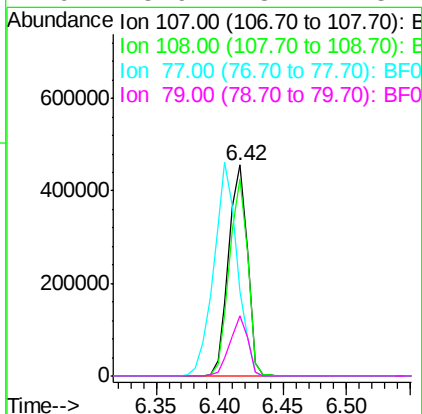
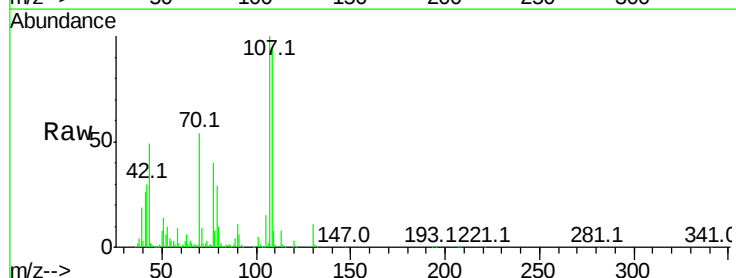
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 310971
Ion Ratio Lower Upper
70 100
42 56.2 47.2 70.8
101 8.6 7.2 10.8
130 20.3 15.9 23.9



#20
3+4-Methylphenols
Concen: 39.94 ng
RT: 6.42 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

Tgt Ion: 107 Resp: 467792
Ion Ratio Lower Upper
107 100
108 93.6 71.0 111.0
77 40.1 90.5 130.5#
79 28.6 8.4 48.4

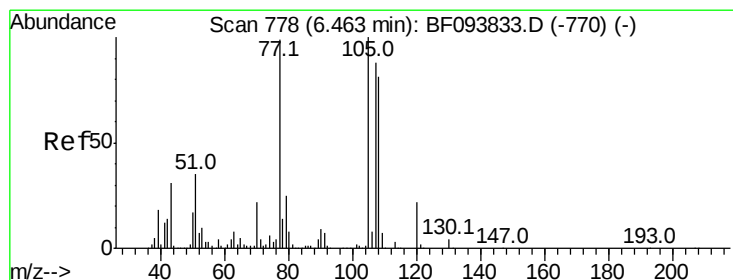
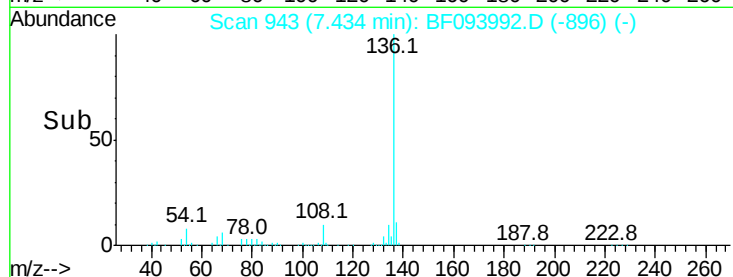
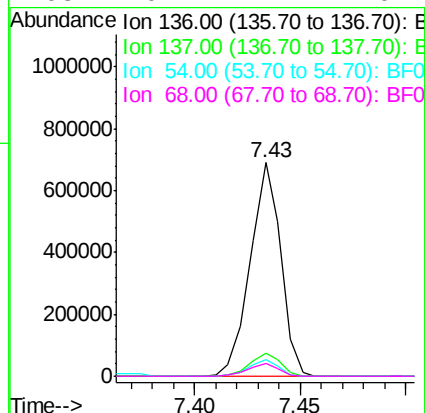
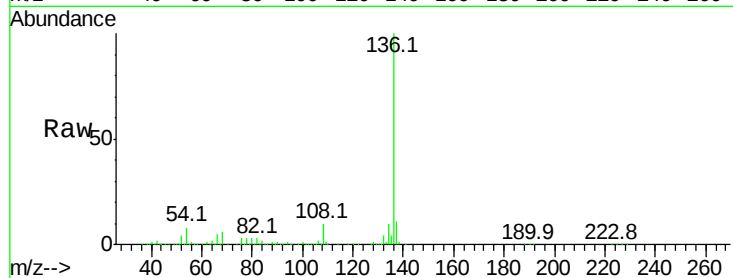




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

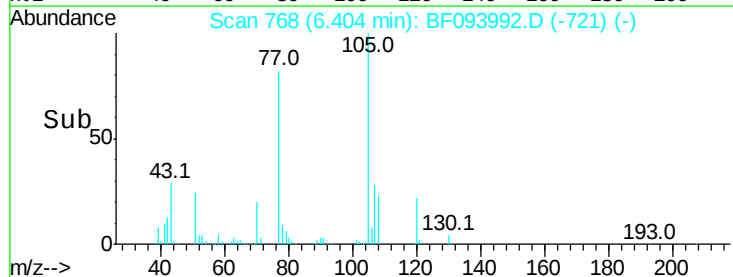
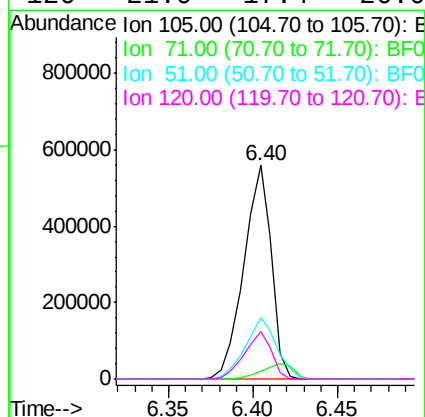
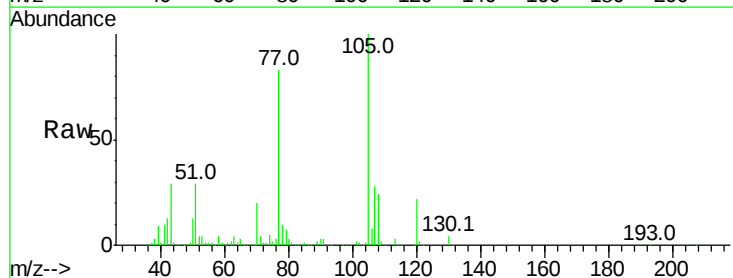
Instrument :
BNA_F
ClientSampled :

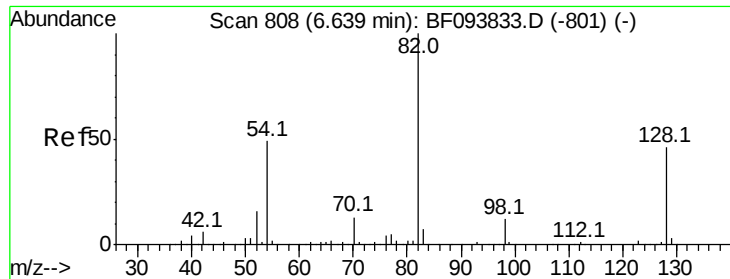
Tot Ion:136	Resp: 694247
Ion Ratio	Lower Upper
136 100	
137 11.1	8.5 12.7
54 7.6	4.9 7.3#
68 6.1	4.1 6.1



#22
Acetophenone
Concen: 40.98 ng
RT: 6.40 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

Tgt Ion:105	Resp: 634127
Ion Ratio	Lower Upper
105 100	
71 3.6	2.8 4.2
51 29.0	30.7 46.1#
120 21.9	17.4 26.0

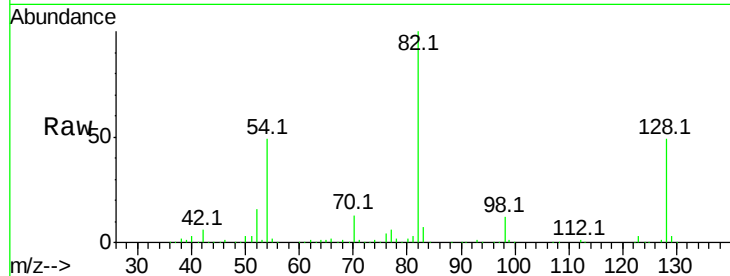




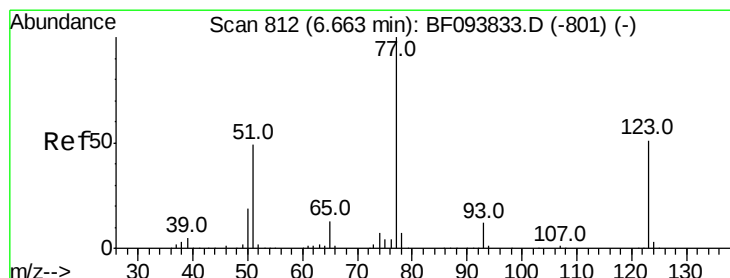
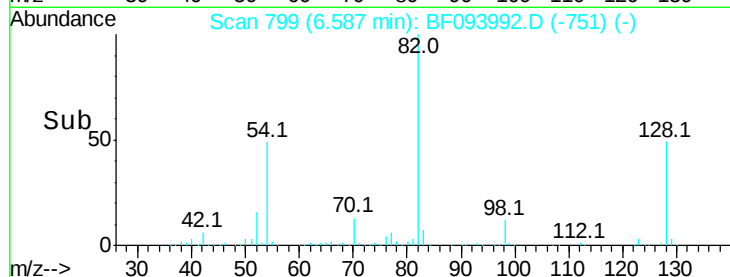
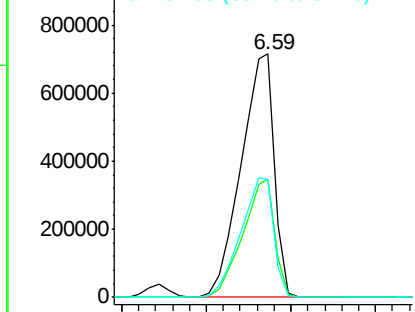
#23
 Nitrobenzene-d5
 Concen: 80.26 ng
 RT: 6.59 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 976369
 Ion Ratio Lower Upper
 82 100
 128 48.6 34.0 51.0
 54 48.6 42.2 63.2

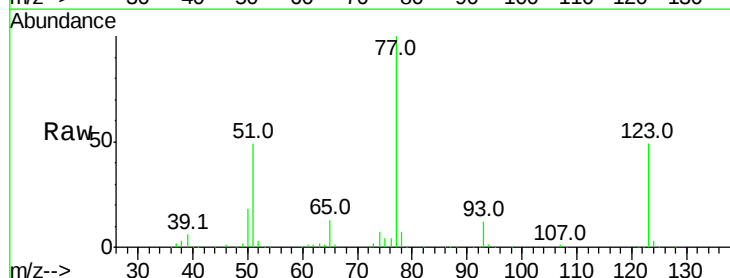


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

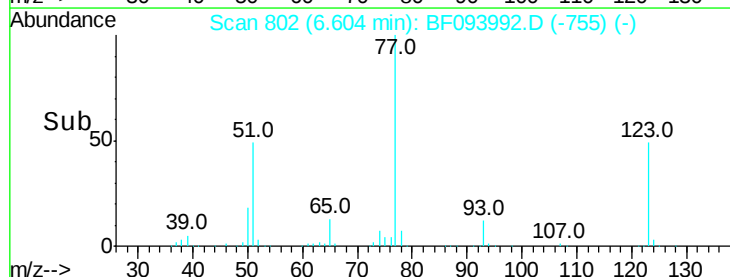
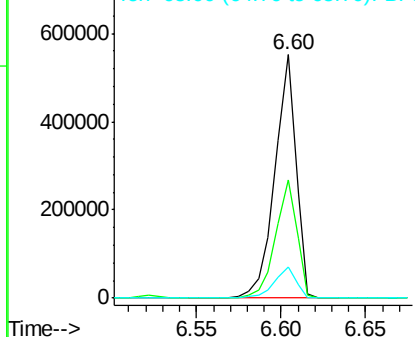


#24
 Nitrobenzene
 Concen: 40.05 ng
 RT: 6.60 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

Tgt Ion: 77 Resp: 480544
 Ion Ratio Lower Upper
 77 100
 123 48.6 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): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.05 ng

RT: 6.89 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

Instrument :

BNA_F

ClientSampleId :

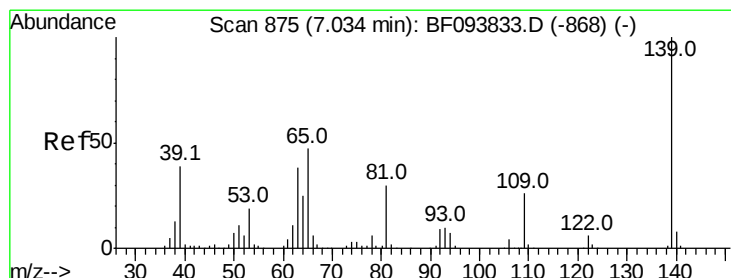
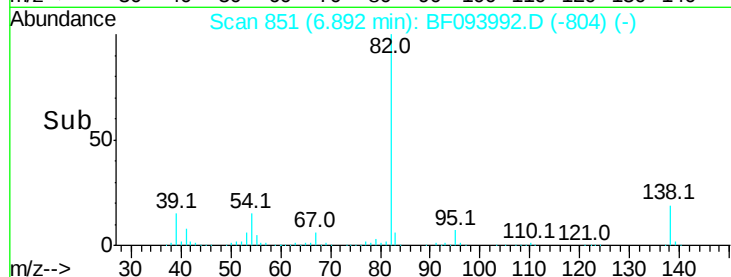
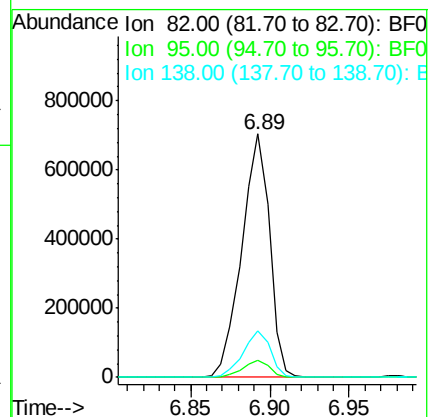
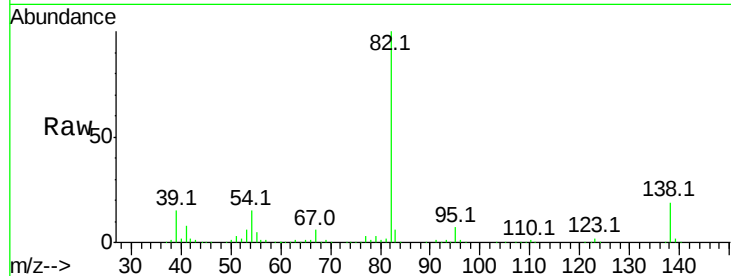
Tot Ion: 82 Resp: 856165

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.9 13.1 19.7



#26

2-Nitrophenol

Concen: 43.94 ng

RT: 6.97 min Scan# 865

Delta R.T. -0.02 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

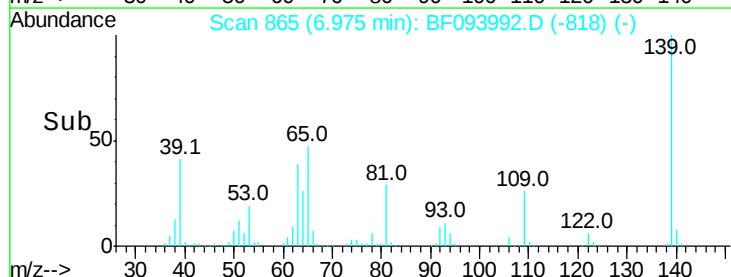
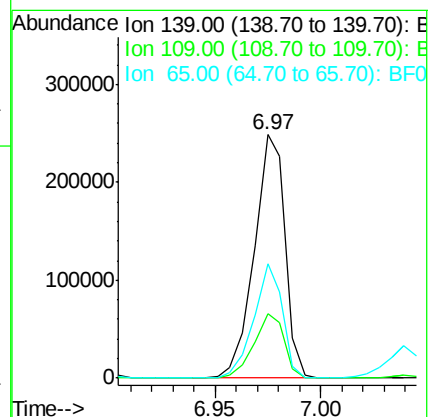
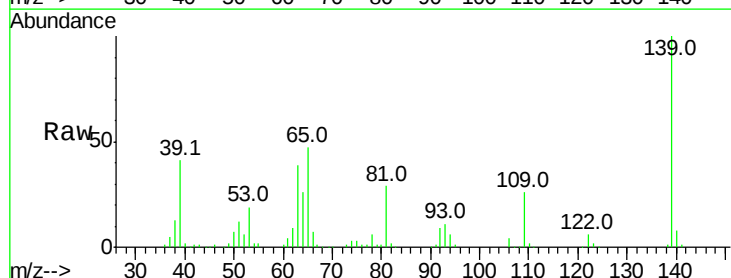
Tgt Ion: 139 Resp: 251404

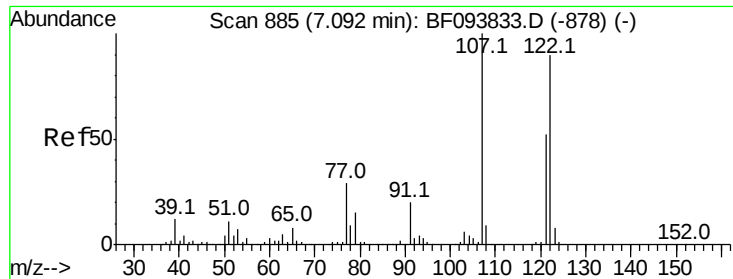
Ion Ratio Lower Upper

139 100

109 26.5 21.0 31.6

65 46.9 33.0 49.6

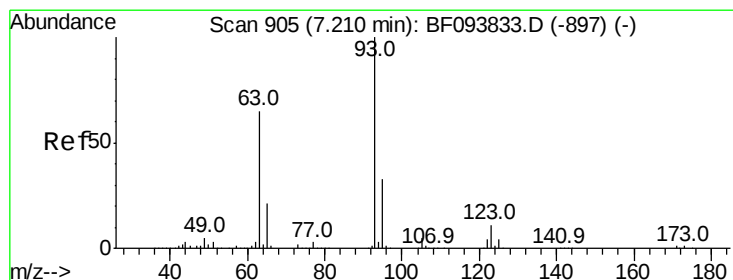
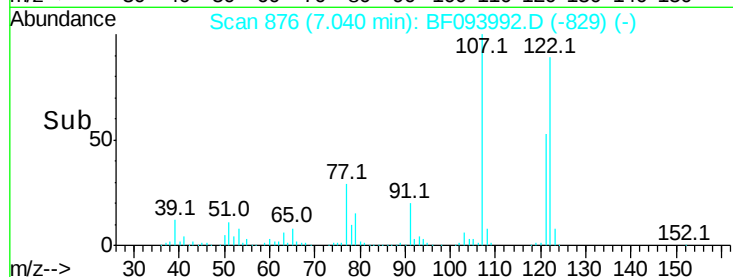
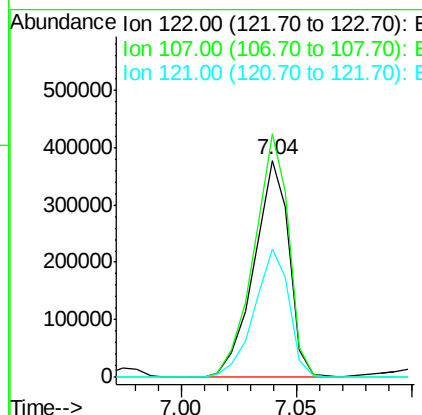
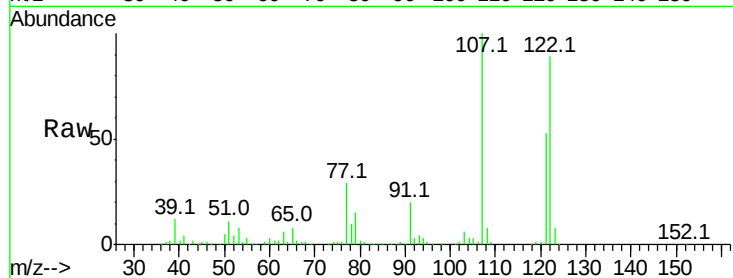




#27
 2,4-Dimethylphenol
 Concen: 40.58 ng
 RT: 7.04 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

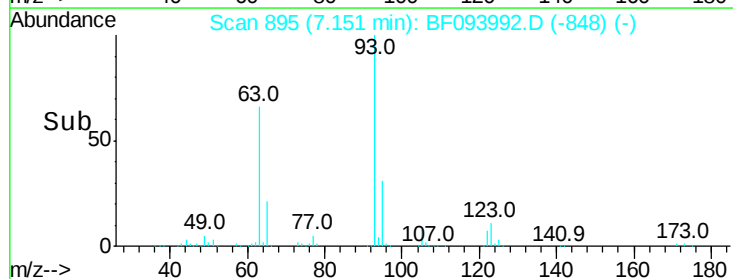
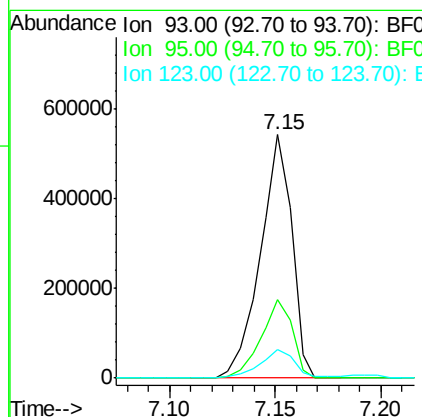
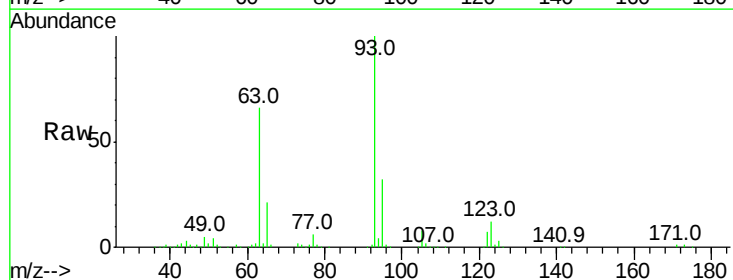
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 400103
 Ion Ratio Lower Upper
 122 100
 107 112.0 89.2 133.8
 121 59.2 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.85 ng
 RT: 7.15 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

Tgt Ion: 93 Resp: 561807
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 11.6 9.0 13.4

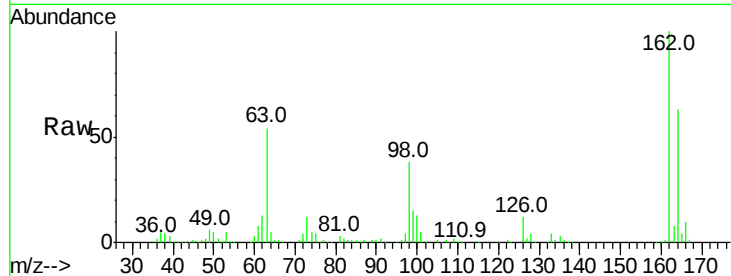




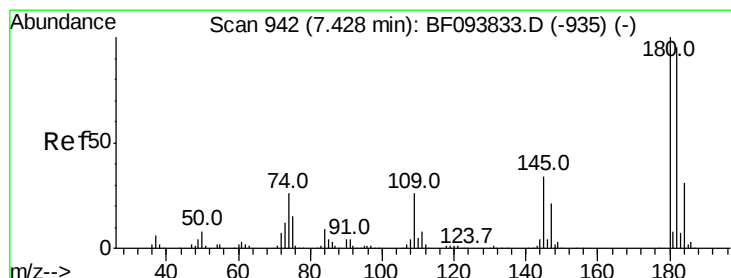
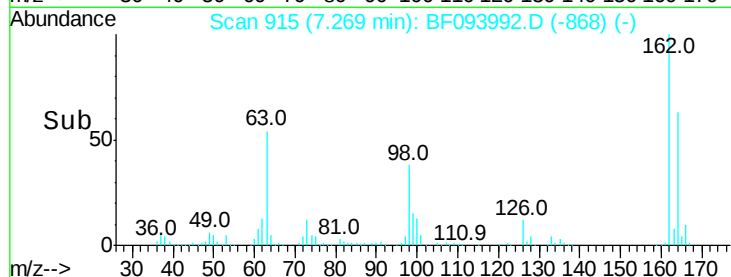
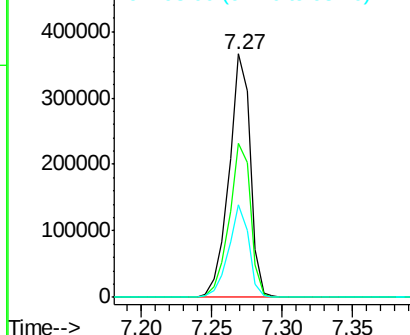
#29
 2,4-Dichlorophenol
 Concen: 41.42 ng
 RT: 7.27 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.6	84.6
98	37.8	14.8	54.8

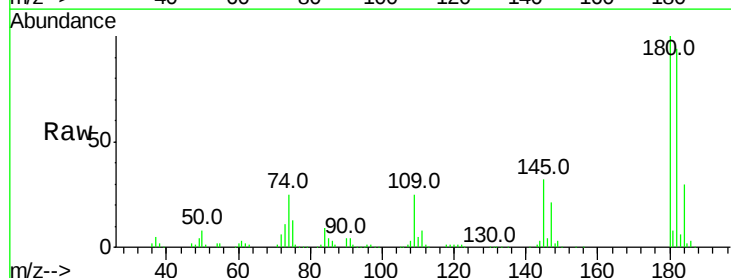


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

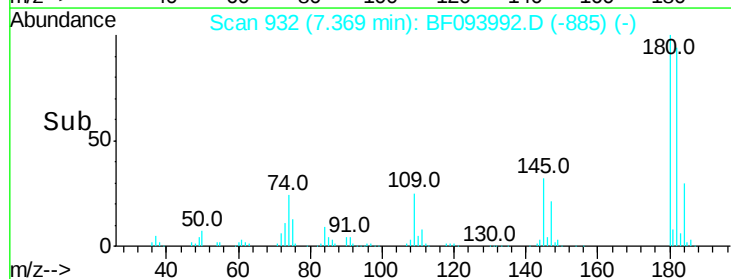
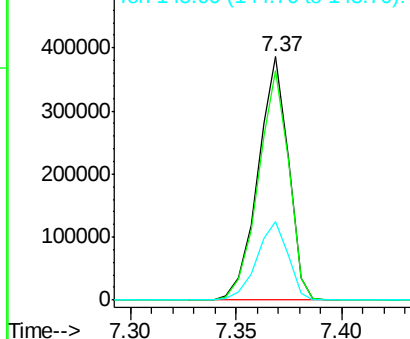


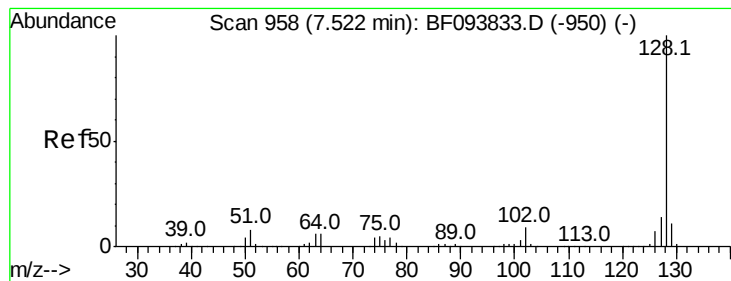
#30
 1,2,4-Trichlorobenzene
 Concen: 40.69 ng
 RT: 7.37 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.8	113.6
145	32.3	25.3	37.9



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





#31

Naphthalene

Concen: 40.15 ng

RT: 7.46 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

Instrument :

BNA_F

ClientSampleId :

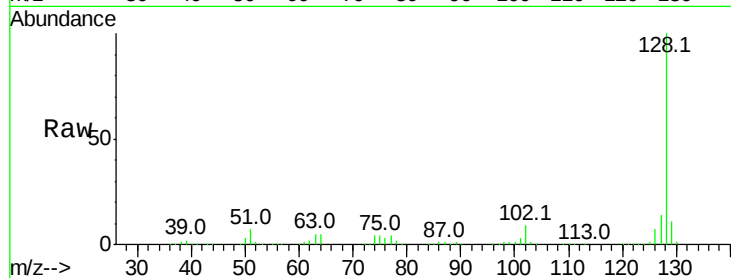
Tot Ion:128 Resp: 1340187

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

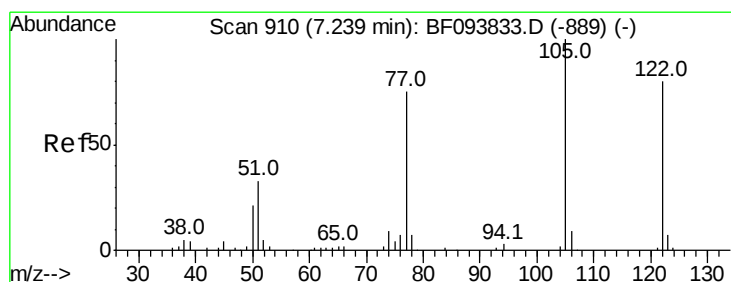
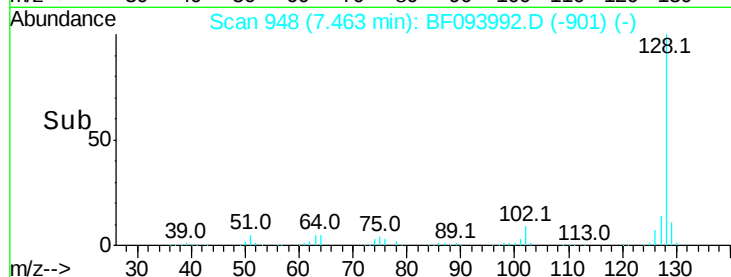
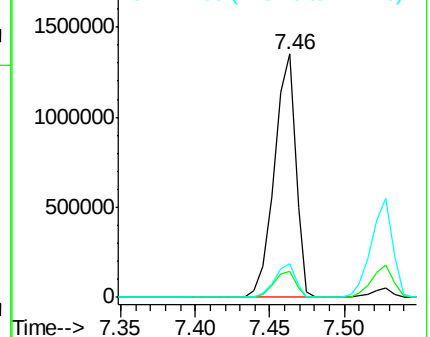
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.99 ng

RT: 7.20 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

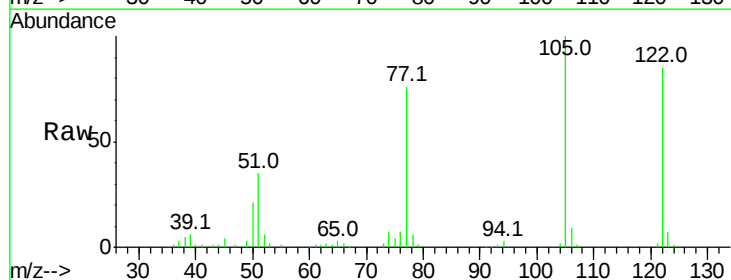
Tgt Ion:122 Resp: 249328

Ion Ratio Lower Upper

122 100

105 117.6 103.3 143.3

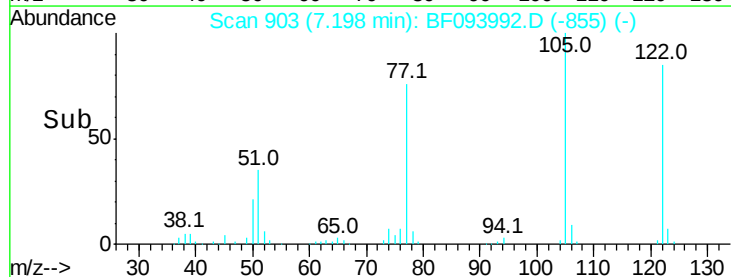
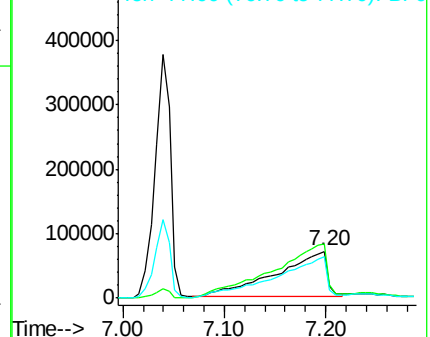
77 89.6 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

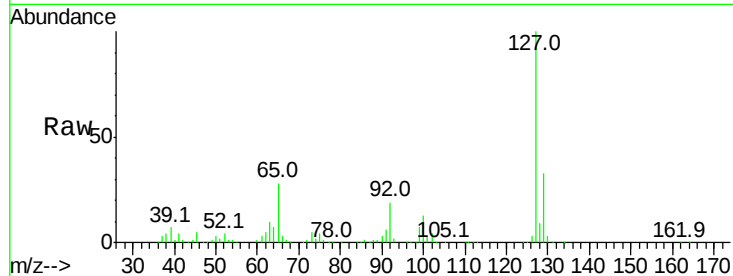




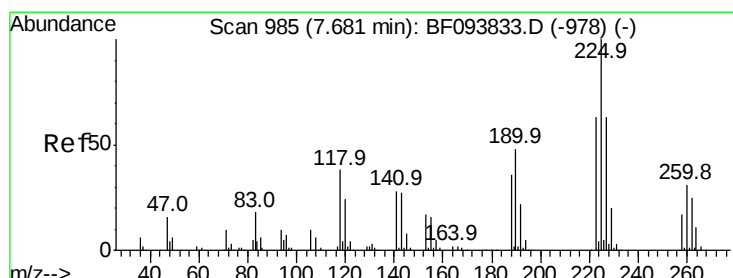
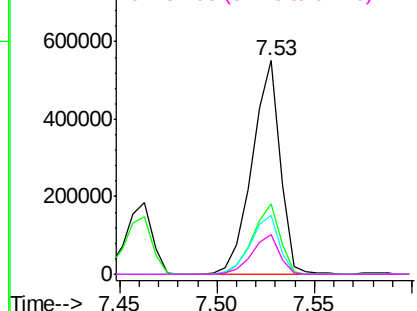
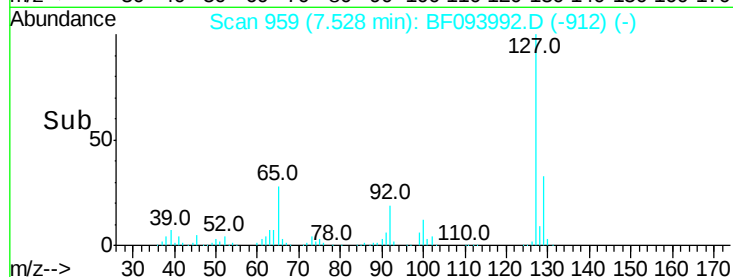
#33
4-Chloroaniline
Concen: 40.43 ng
RT: 7.53 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	547032
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	27.6	27.8	41.8#
92	18.5	16.8	25.2

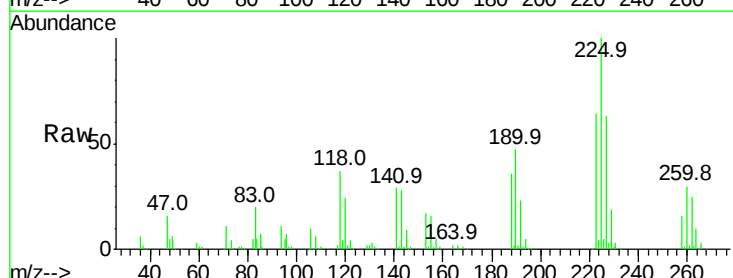


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

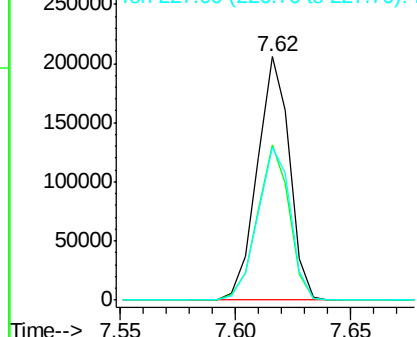
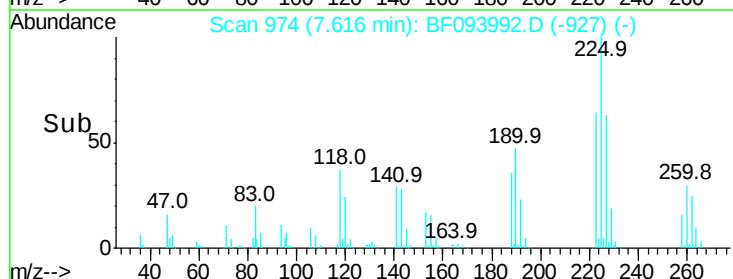


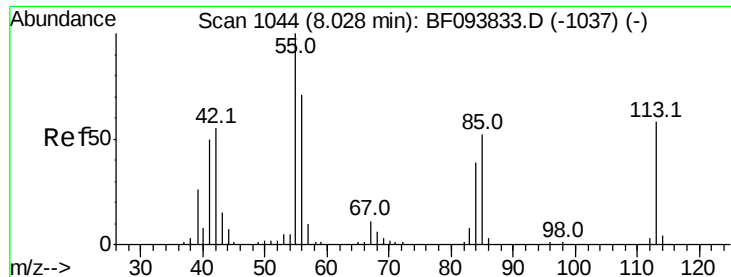
#34
Hexachlorobutadiene
Concen: 41.07 ng
RT: 7.62 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

Tgt Ion:	225	Resp:	199971
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.8	73.2
227	62.7	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

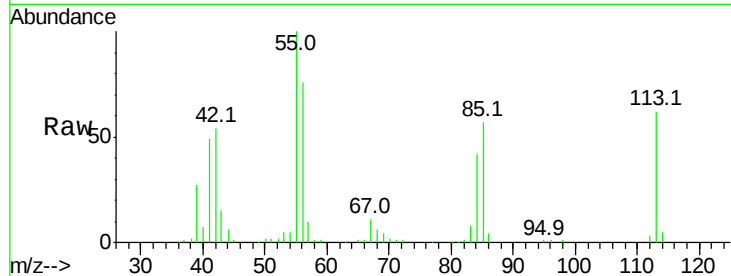




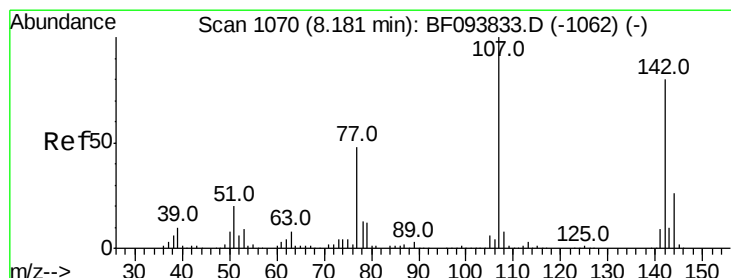
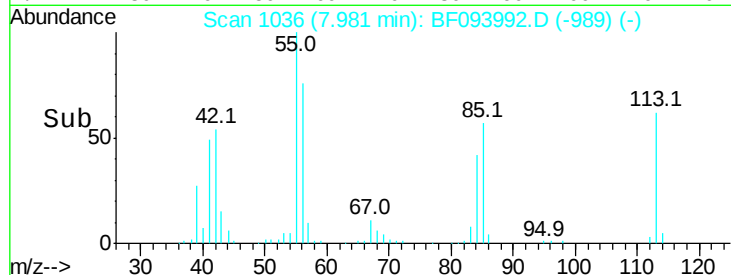
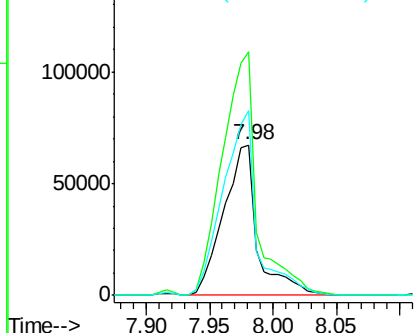
#35
 Caprolactam
 Concen: 42.60 ng
 RT: 7.98 min Scan# 1036
 Delta R.T. -0.02 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:113 Resp: 125239
 Ion Ratio Lower Upper
 113 100
 55 161.4 150.2 190.2
 56 122.8 107.8 147.8

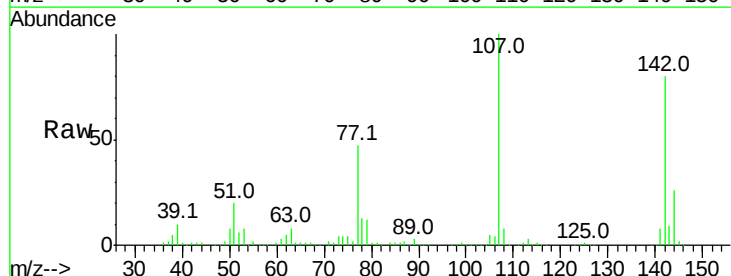


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

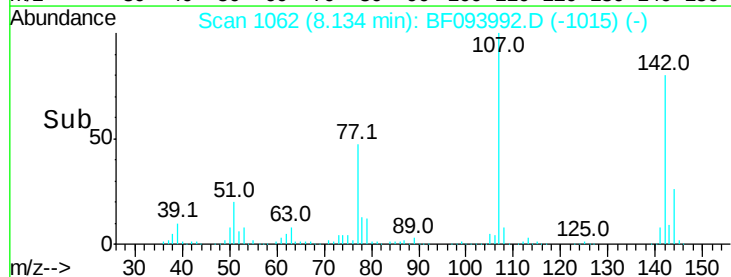
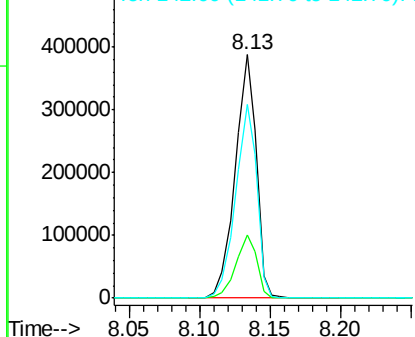


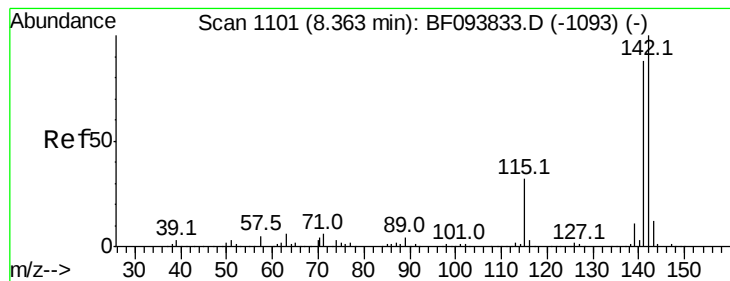
#36
 4-Chloro-3-methylphenol
 Concen: 41.73 ng
 RT: 8.13 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

Tgt Ion:107 Resp: 401961
 Ion Ratio Lower Upper
 107 100
 144 25.7 24.2 36.4
 142 79.7 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.55 ng

RT: 8.30 min Scan# 1091

Delta R.T. -0.02 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

Instrument :

BNA_F

ClientSampleId :

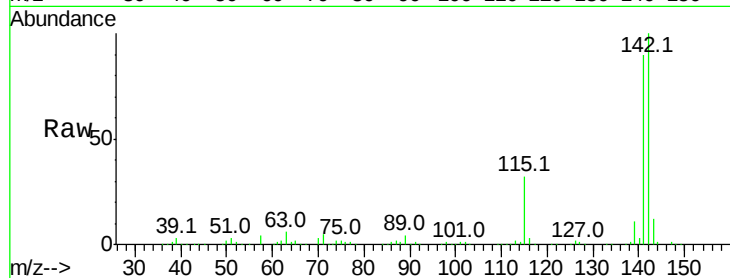
Tot Ion:142 Resp: 902379

Ion Ratio Lower Upper

142 100

141 89.6 71.3 106.9

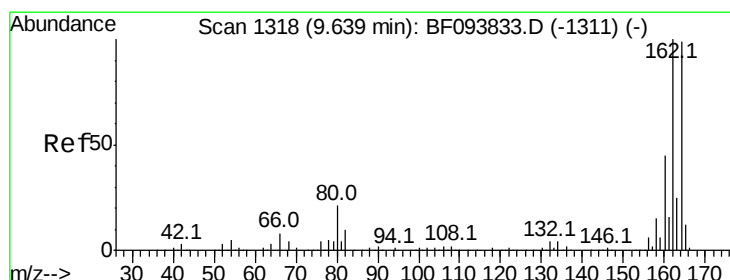
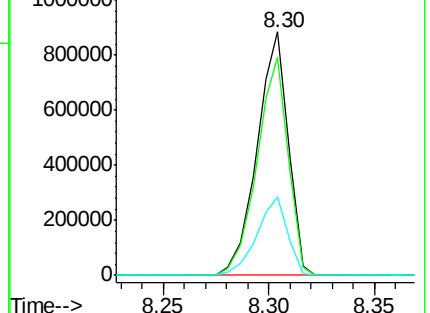
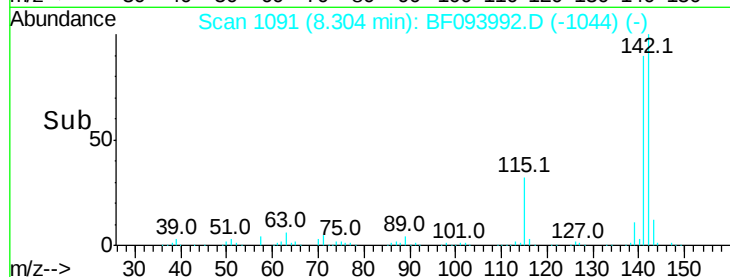
115 32.0 27.1 40.7



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: 9.57 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

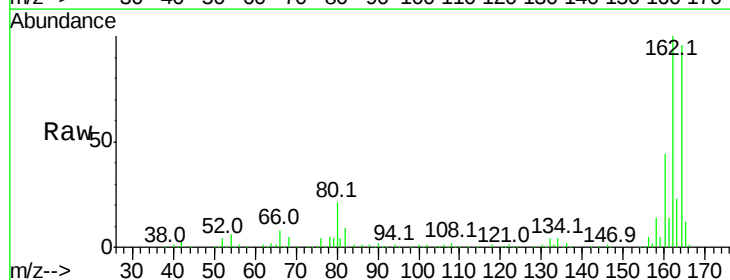
Tgt Ion:164 Resp: 323046

Ion Ratio Lower Upper

164 100

162 103.9 82.6 123.8

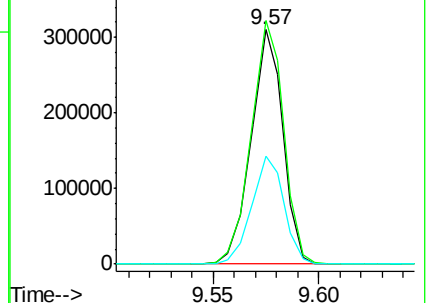
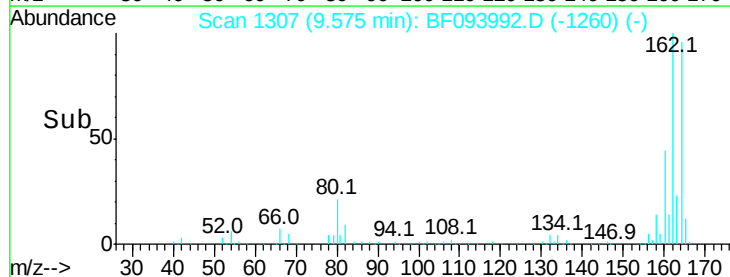
160 46.0 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

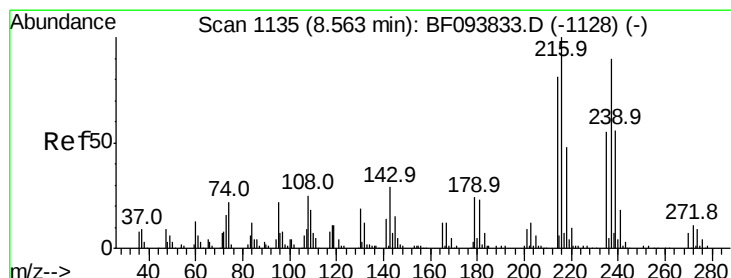
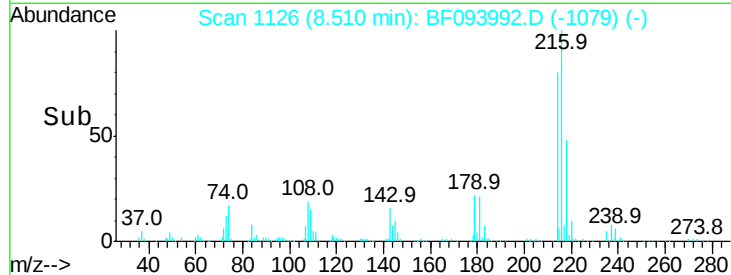
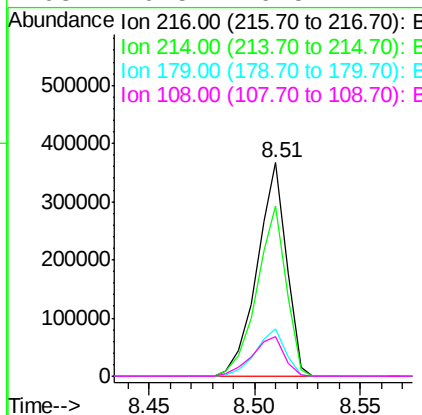
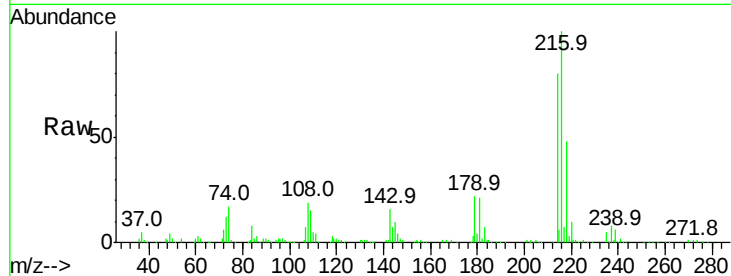




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.05 ng
 RT: 8.51 min Scan# 1126
 Delta R.T. -0.02 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

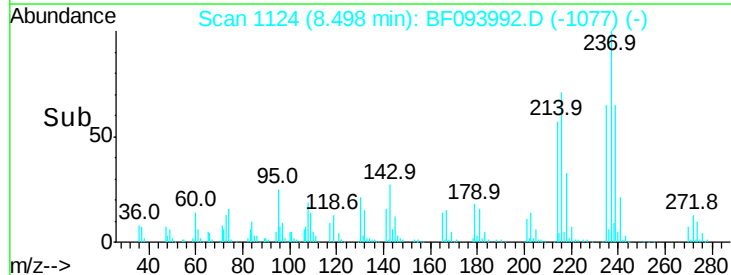
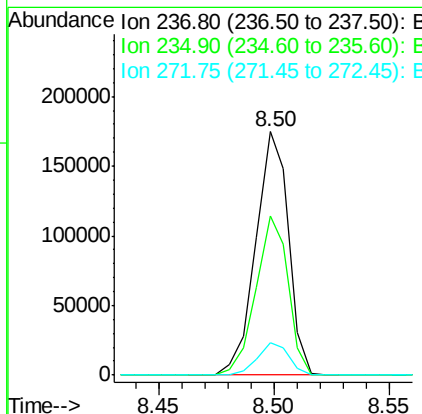
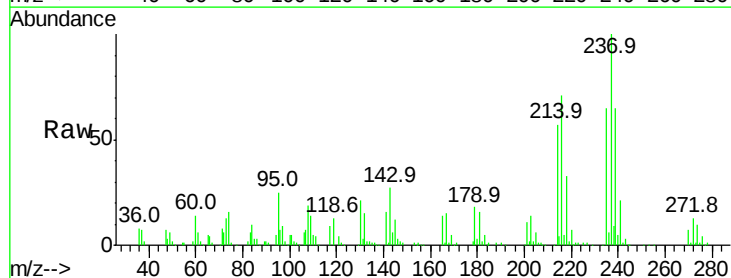
Instrument :
 BNA_F
 ClientSampled :

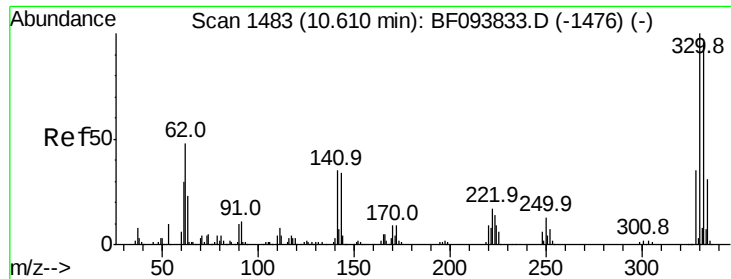
Tot Ion:	216	Resp:	353949
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.2
179	22.6	17.9	26.9
108	20.5	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 41.73 ng
 RT: 8.50 min Scan# 1124
 Delta R.T. -0.02 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

Tgt Ion:	237	Resp:	172568
Ion	Ratio	Lower	Upper
237	100		
235	65.4	42.6	82.6
272	13.4	0.0	31.9

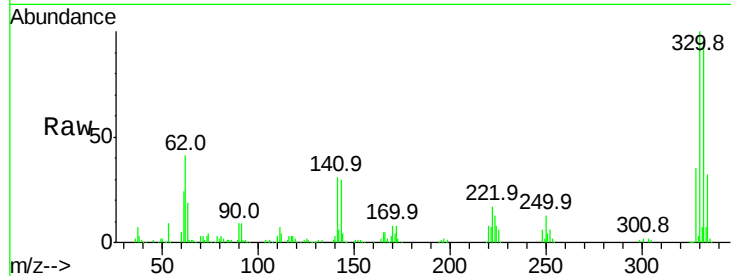




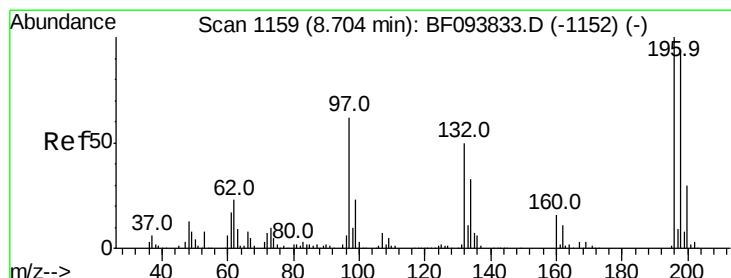
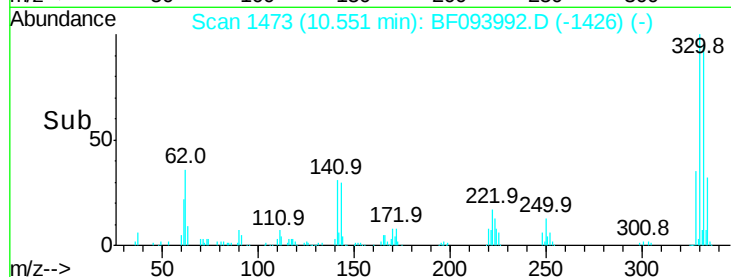
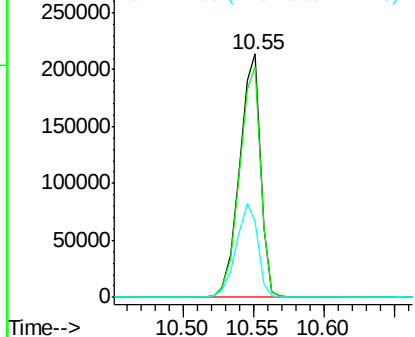
#41
 2,4,6-Tribromophenol
 Concen: 86.44 ng
 RT: 10.55 min Scan# 1473
 Delta R.T. -0.02 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	39.4	31.4	47.2

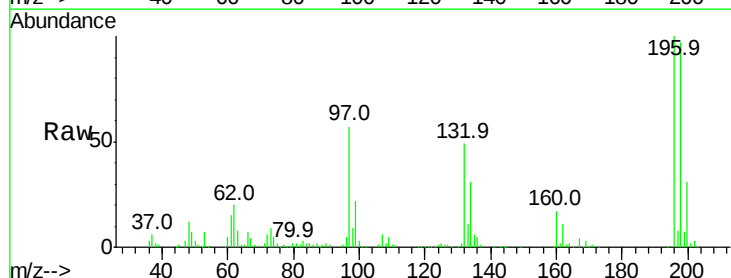


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

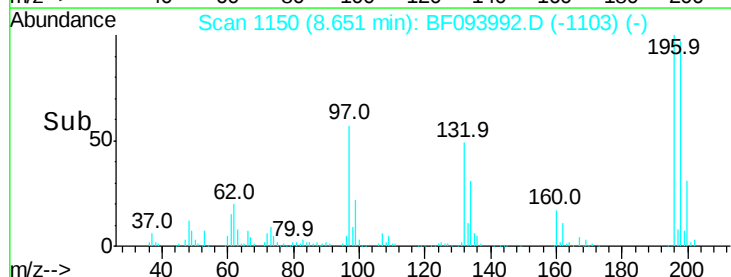
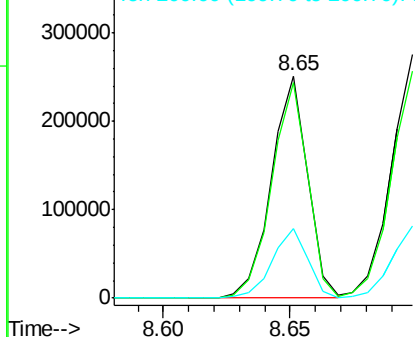


#42
 2,4,6-Trichlorophenol
 Concen: 40.21 ng
 RT: 8.65 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	74.2	111.4
200	31.1	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

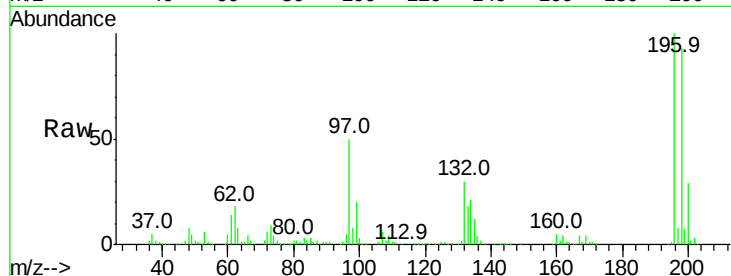




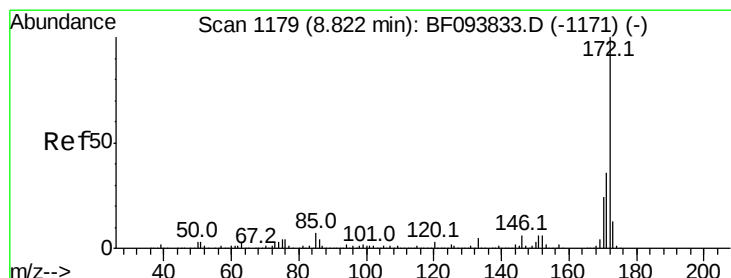
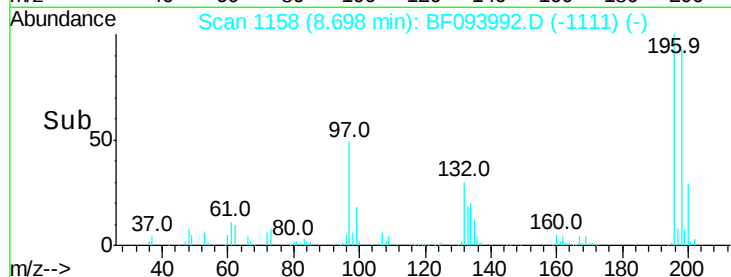
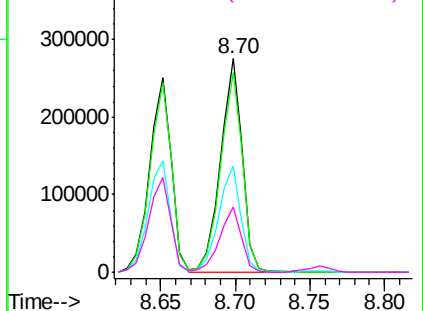
#43
 2,4,5-Trichlorophenol
 Concen: 41.96 ng
 RT: 8.70 min Scan# 1158
 Delta R.T. -0.02 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 283901
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.7 113.5
 97 49.7 47.7 71.5
 132 30.4 28.0 42.0

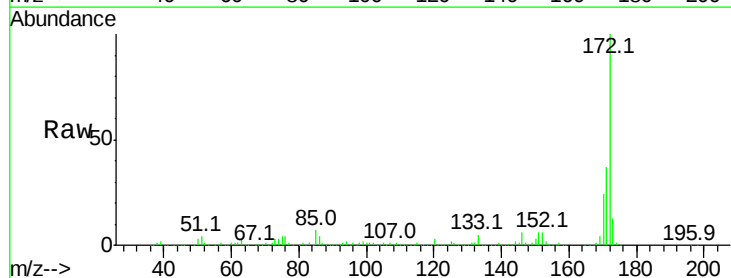


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

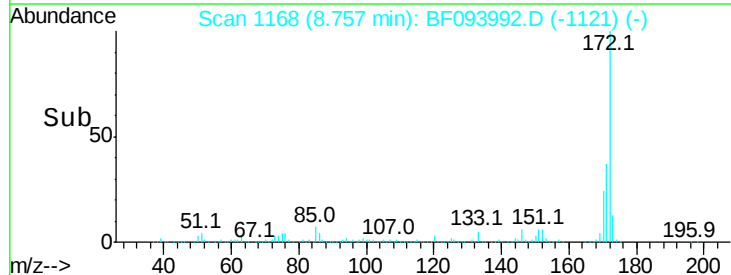
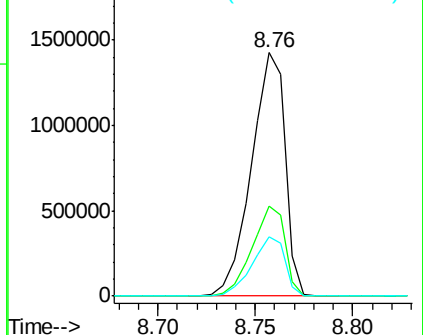


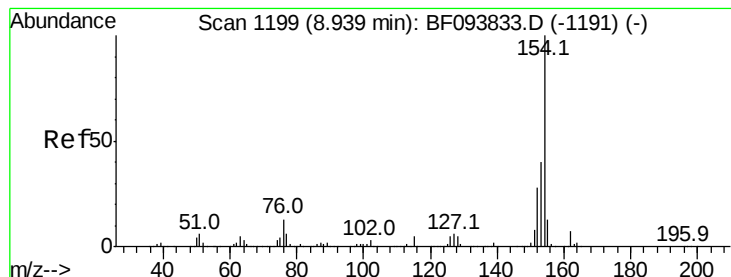
#44
 2-Fluorobiphenyl
 Concen: 80.24 ng
 RT: 8.76 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

Tgt Ion:172 Resp: 1699561
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.2 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 39.60 ng

RT: 8.87 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

Instrument :

BNA_F

ClientSampleId :

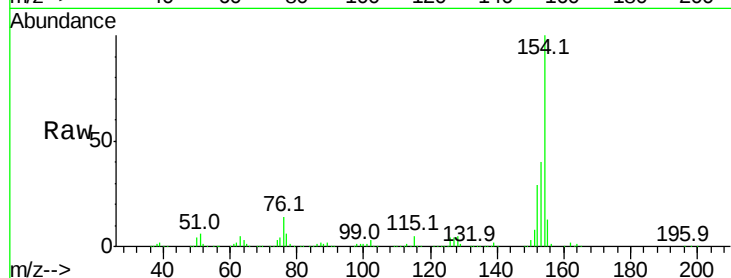
Tot Ion:154 Resp: 1031884

Ion Ratio Lower Upper

154 100

153 40.2 21.2 61.2

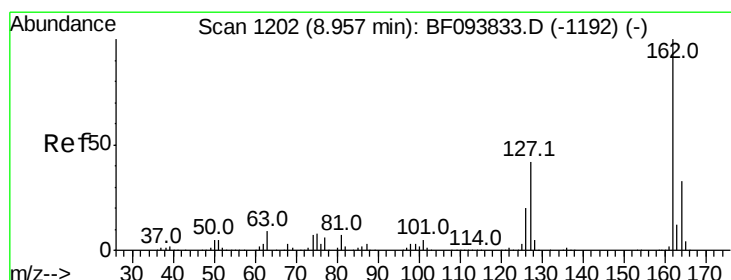
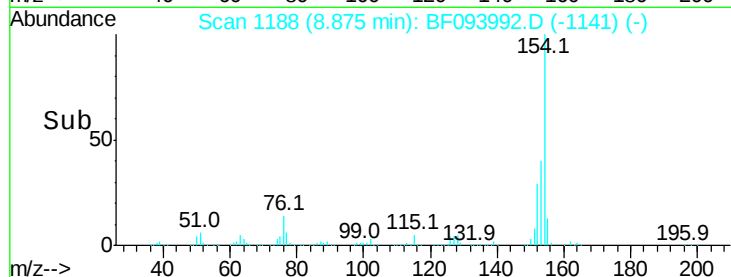
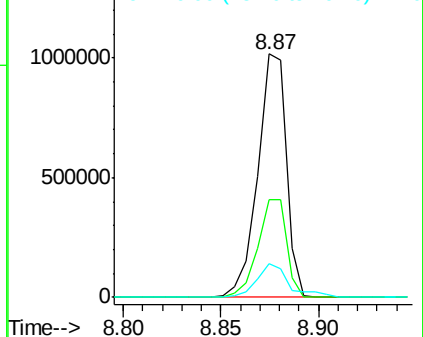
76 13.8 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.63 ng

RT: 8.90 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

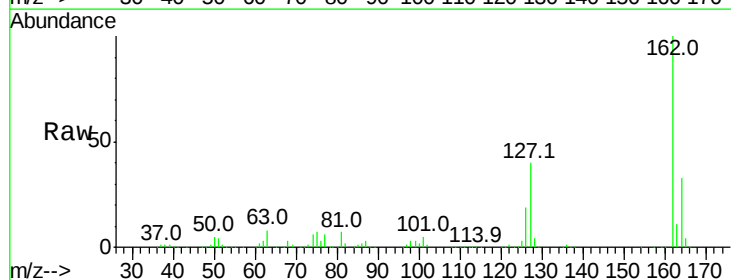
Tgt Ion:162 Resp: 808342

Ion Ratio Lower Upper

162 100

127 40.1 28.3 42.5

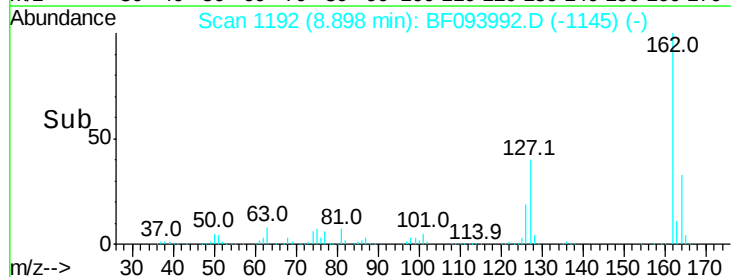
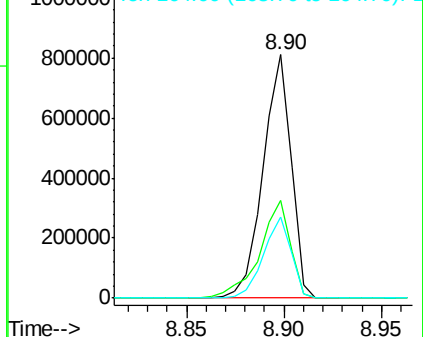
164 33.3 27.0 40.4

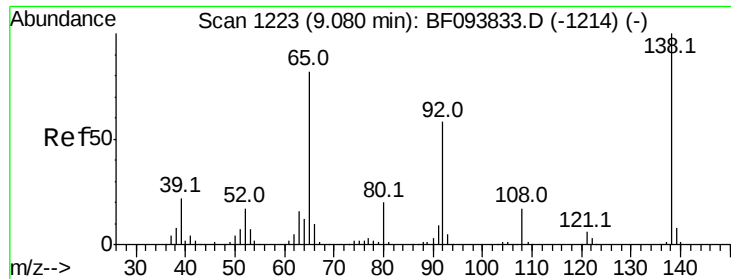


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

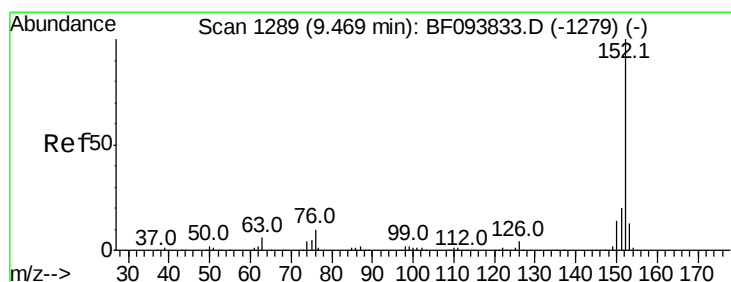
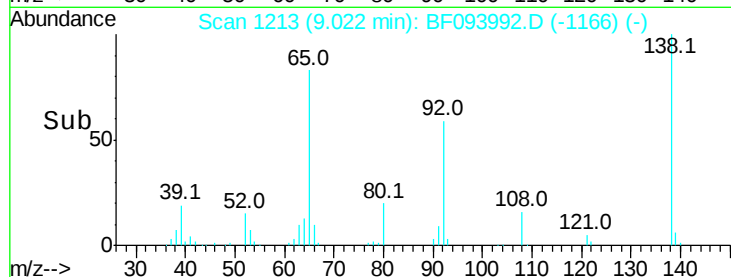
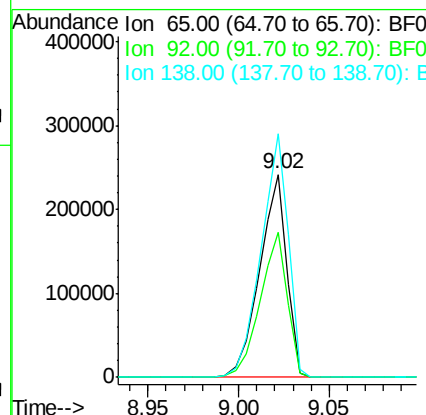
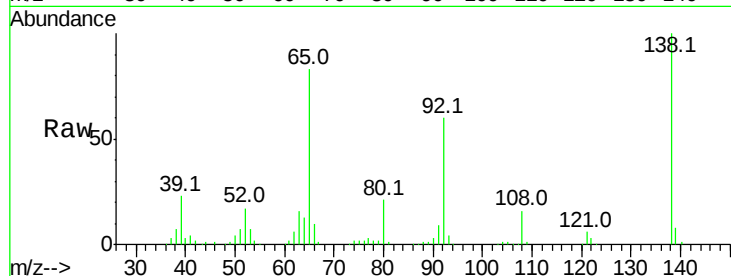




#47
2-Nitroaniline
Concen: 41.44 ng
RT: 9.02 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

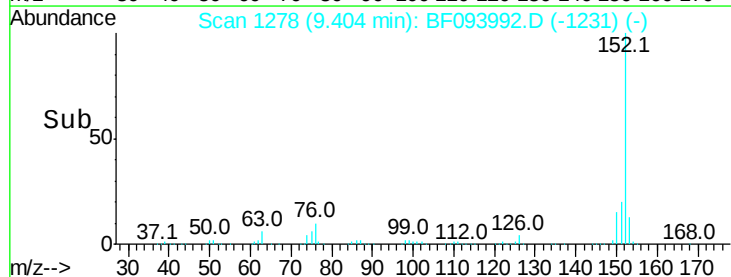
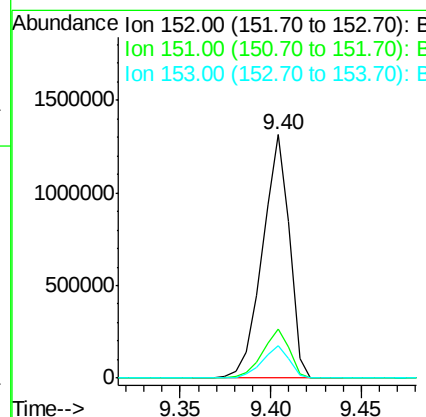
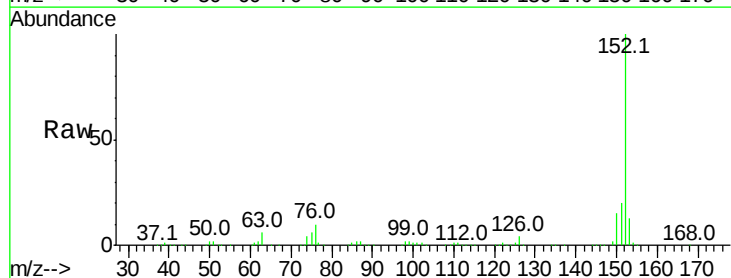
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 250764
Ion Ratio Lower Upper
65 100
92 71.6 53.9 80.9
138 120.1 78.8 118.2#



#48
Acenaphthylene
Concen: 39.91 ng
RT: 9.40 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

Tgt Ion:152 Resp: 1352964
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 41.11 ng

RT: 9.27 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

Instrument :

BNA_F

ClientSampled :

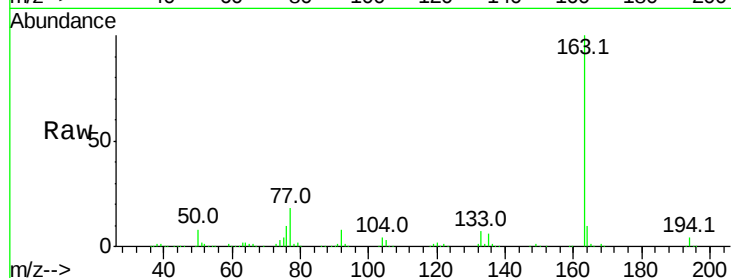
Tot Ion:163 Resp: 944051

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

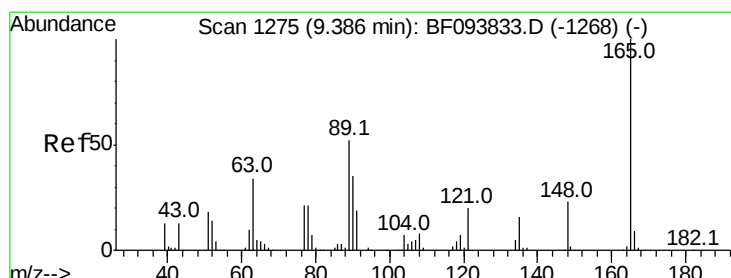
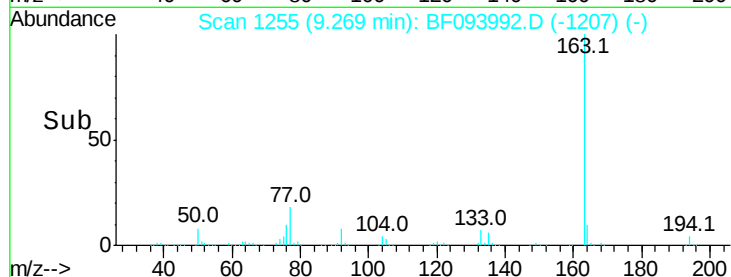
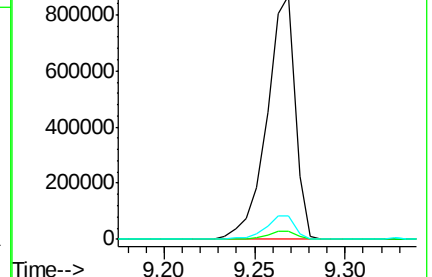
164 9.6 8.4 12.6



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: 42.57 ng

RT: 9.33 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

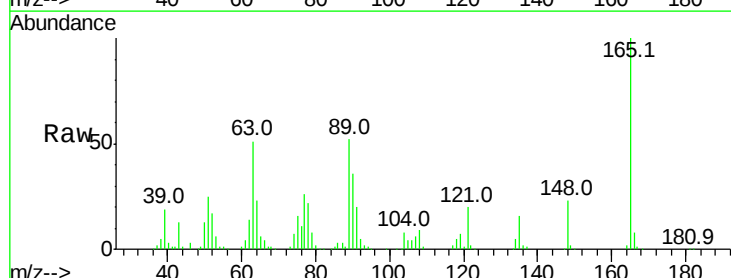
Tgt Ion:165 Resp: 224113

Ion Ratio Lower Upper

165 100

63 51.4 34.3 51.5

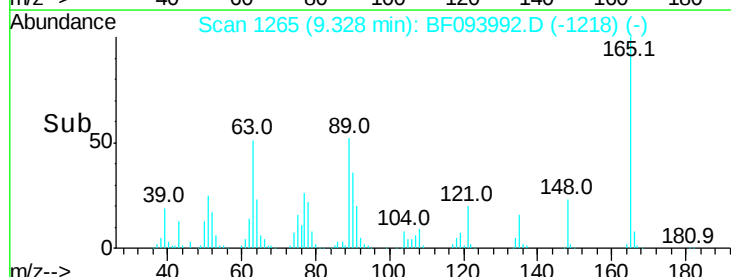
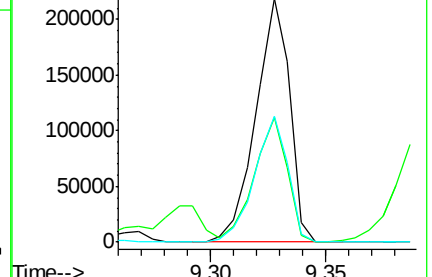
89 51.9 37.1 55.7



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: 39.11 ng

RT: 9.62 min Scan# 1314

Delta R.T. -0.03 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

Instrument :

BNA_F

ClientSampleId :

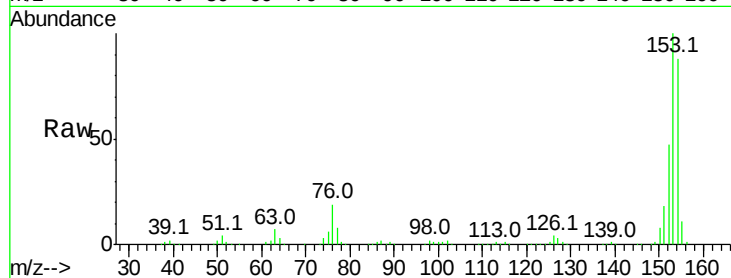
Tot Ion:154 Resp: 773649

Ion Ratio Lower Upper

154 100

153 114.0 90.5 135.7

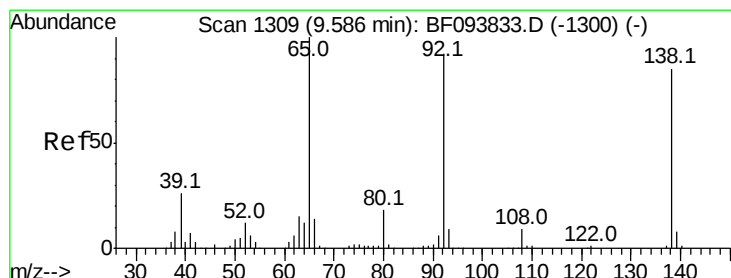
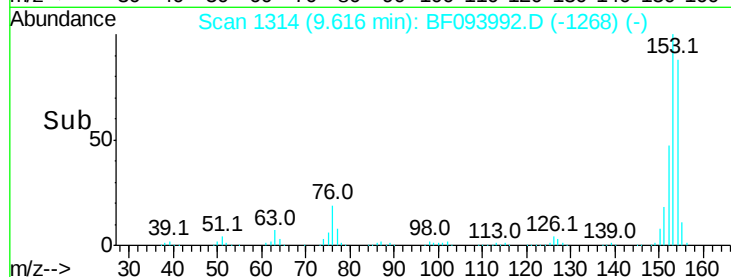
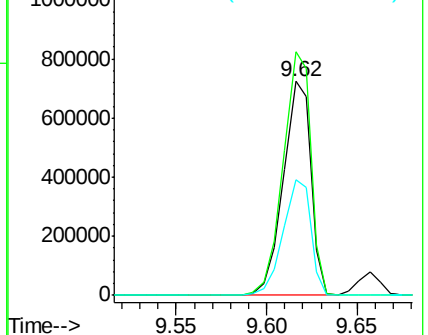
152 54.1 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.37 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

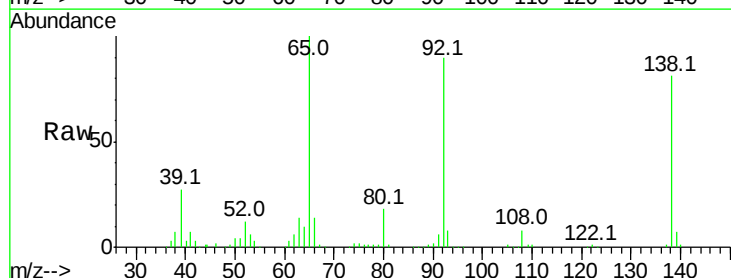
Tgt Ion:138 Resp: 255709

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

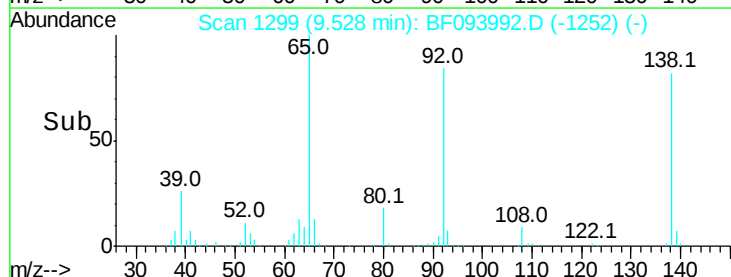
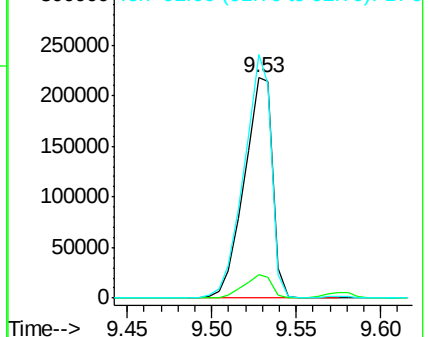
92 110.6 93.8 140.6

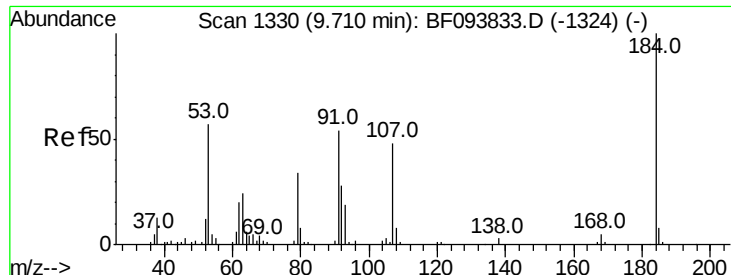


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

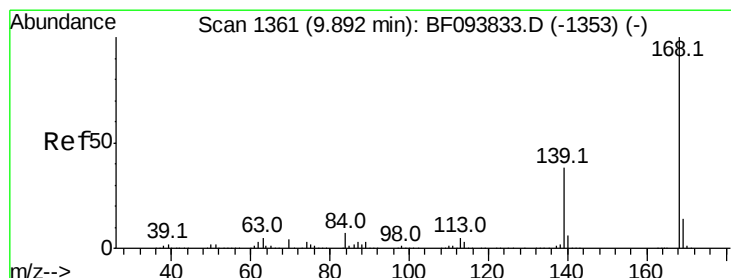
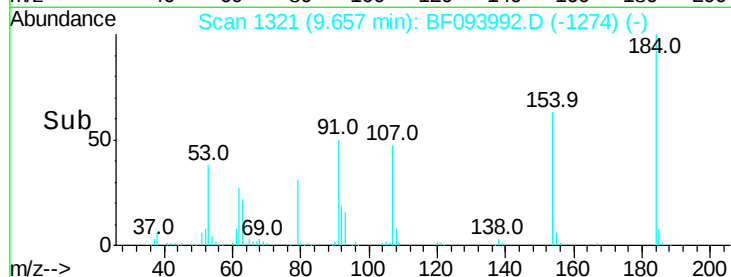
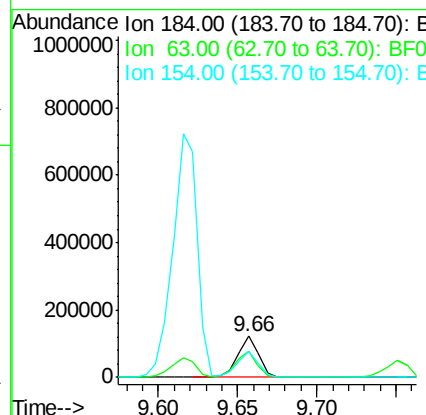
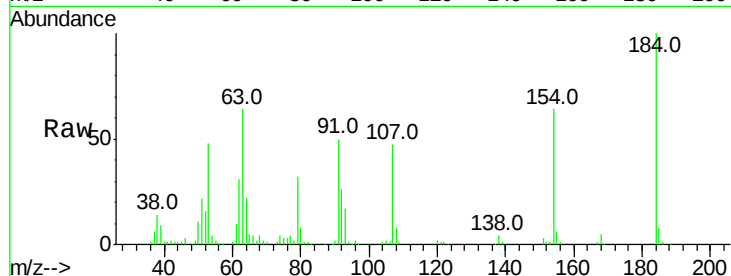




#53
 2,4-Dinitrophenol
 Concen: 42.29 ng
 RT: 9.66 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

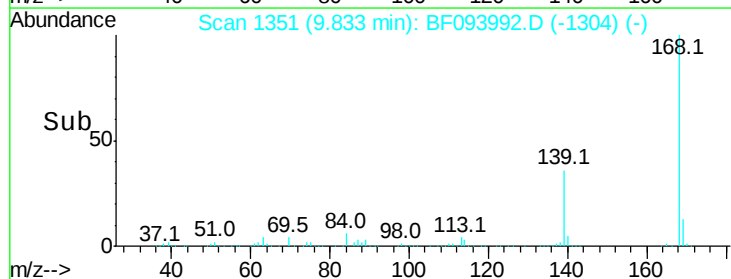
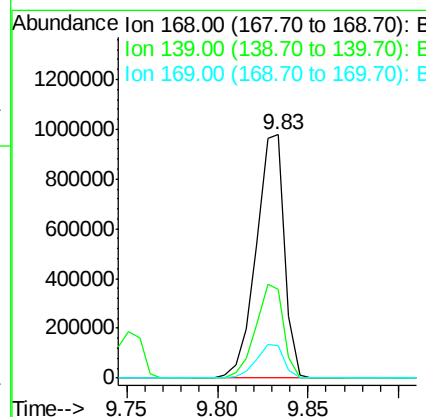
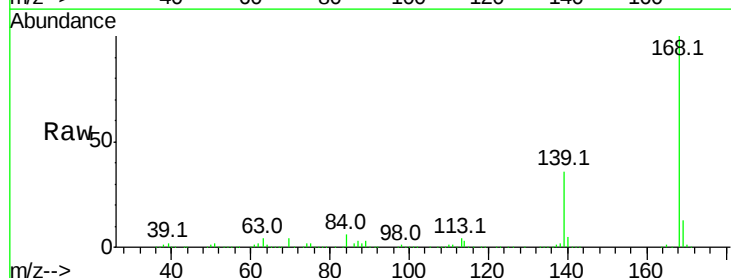
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 112542
 Ion Ratio Lower Upper
 184 100
 63 63.9 62.7 94.1
 154 63.7 81.1 121.7#



#54
 Dibenzofuran
 Concen: 39.31 ng
 RT: 9.83 min Scan# 1351
 Delta R.T. -0.02 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

Tgt Ion:168 Resp: 1058593
 Ion Ratio Lower Upper
 168 100
 139 36.3 30.6 45.8
 169 13.1 10.8 16.2

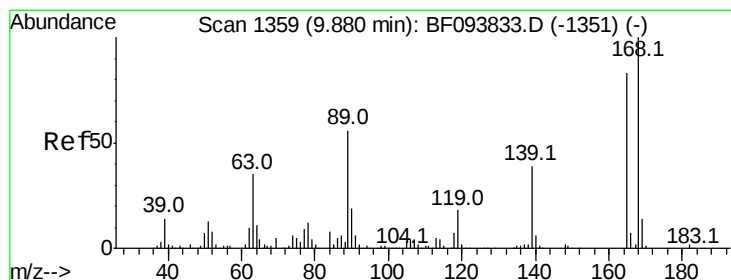
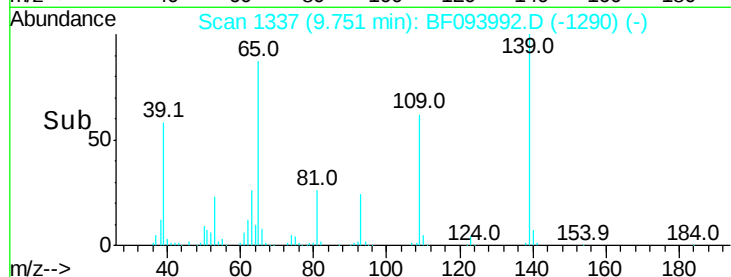
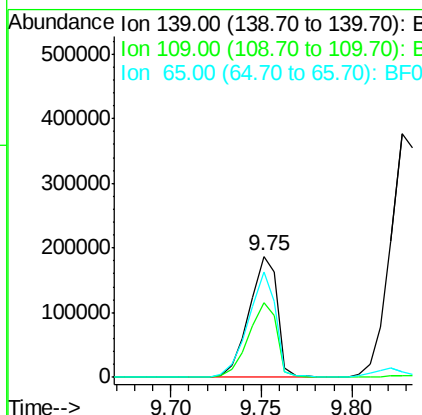
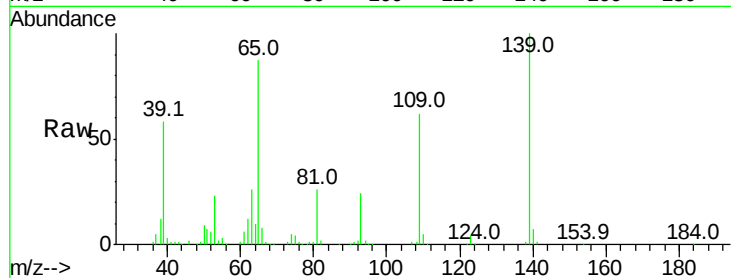




#55
4-Nitrophenol
Concen: 42.25 ng
RT: 9.75 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

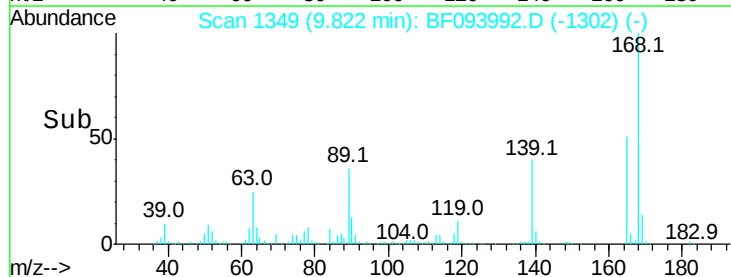
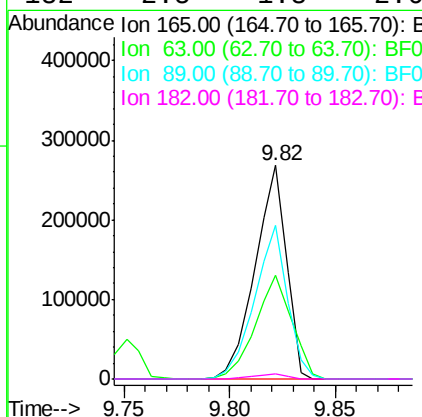
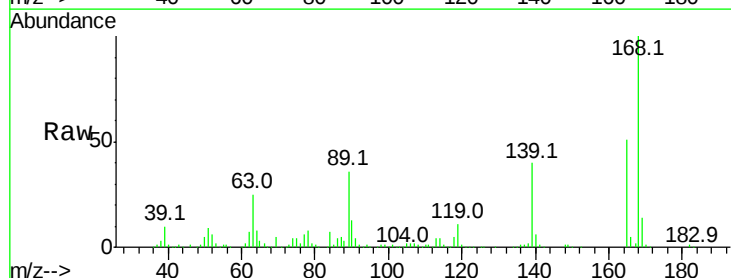
Instrument :
BNA_F
ClientSampleID :

Tot Ion:139 Resp: 204509
Ion Ratio Lower Upper
139 100
109 61.9 34.1 74.1
65 86.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 41.89 ng
RT: 9.82 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

Tgt Ion:165 Resp: 276979
Ion Ratio Lower Upper
165 100
63 48.5 25.4 38.0#
89 71.9 46.4 69.6#
182 2.5 1.8 2.6

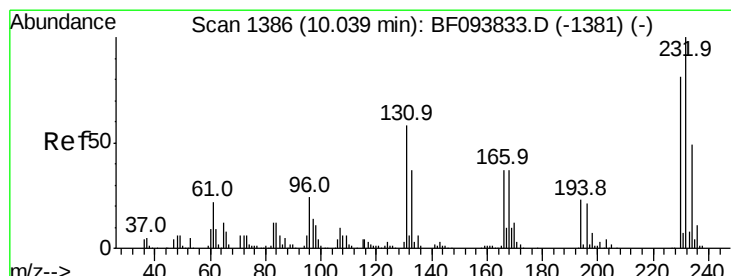
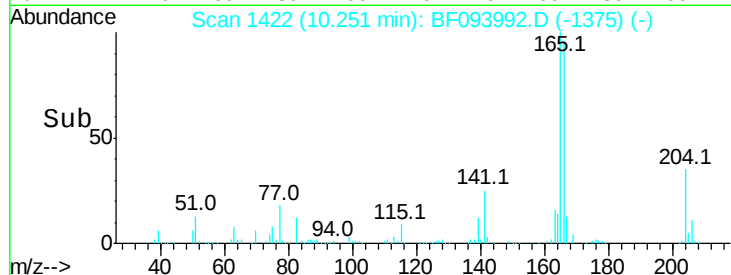
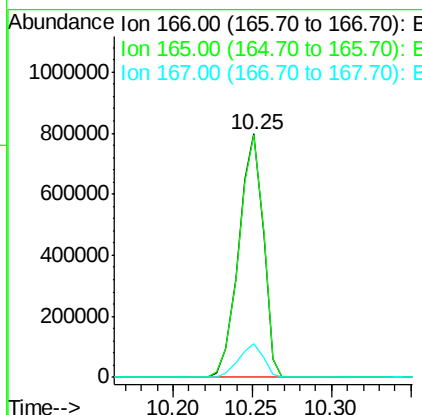
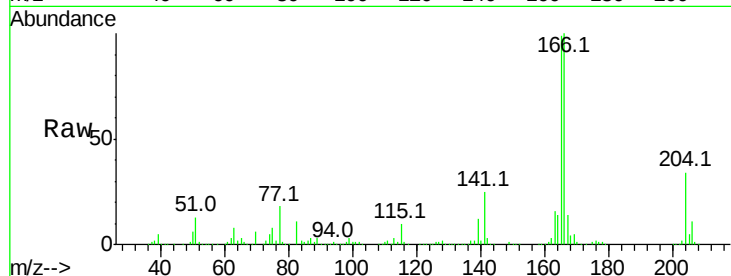




#57
Fluorene
 Concen: 38.09 ng
 RT: 10.25 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

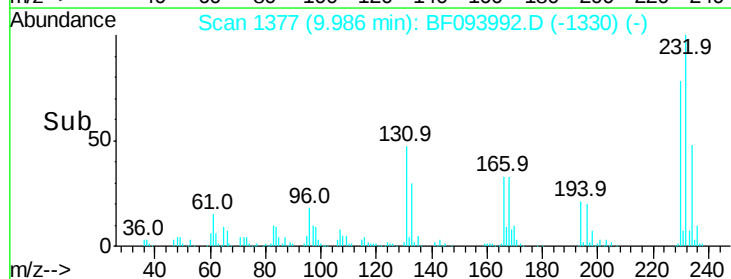
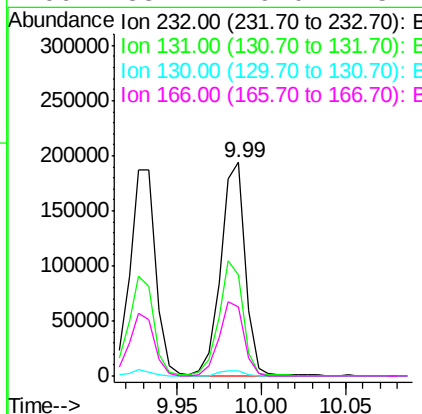
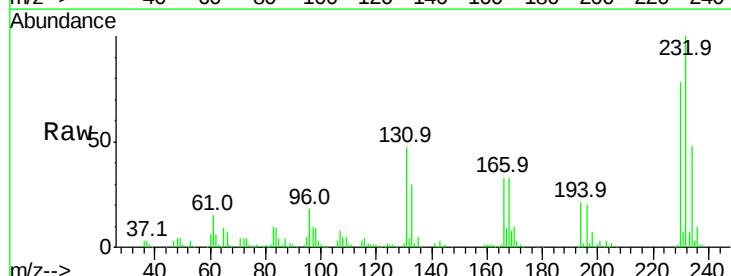
Instrument :
 BNA_F
 ClientSampled :

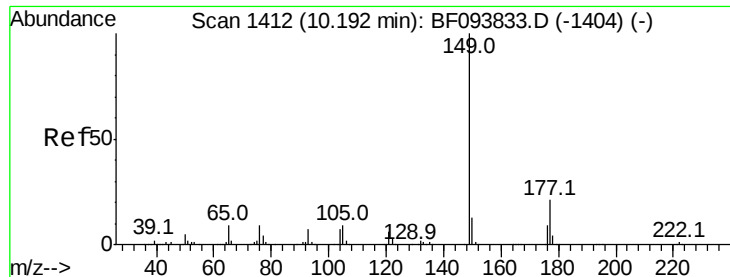
Tot Ion:166 Resp: 850554
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.8 118.2
 167 13.6 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.92 ng
 RT: 9.99 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

Tgt Ion:232 Resp: 194572
 Ion Ratio Lower Upper
 232 100
 131 53.4 44.8 67.2
 130 2.5 2.3 3.5
 166 35.4 29.0 43.4

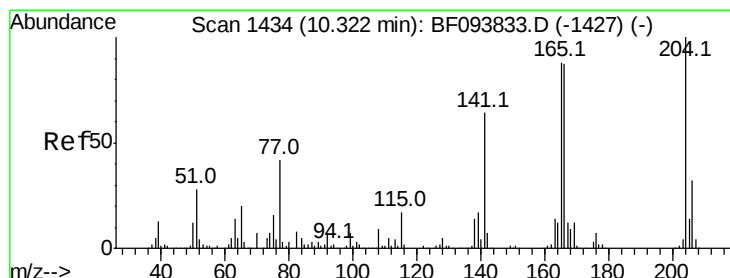
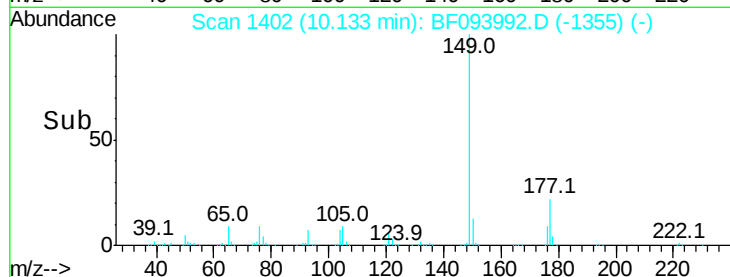
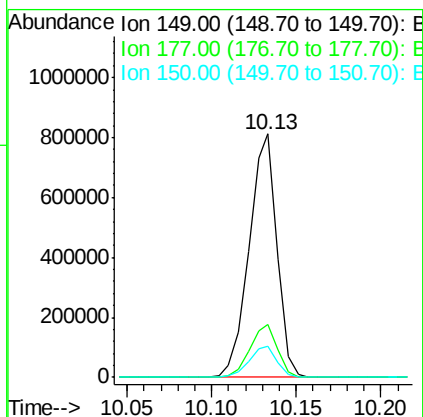
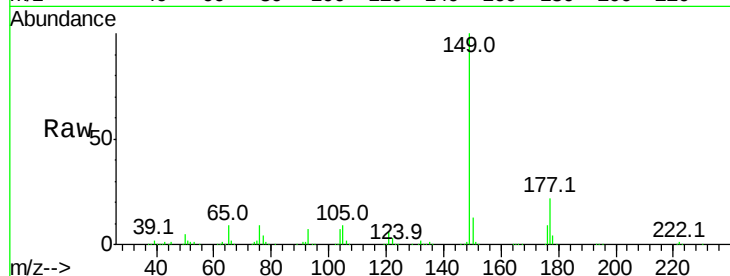




#59
Diethylphthalate
Concen: 41.02 ng
RT: 10.13 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

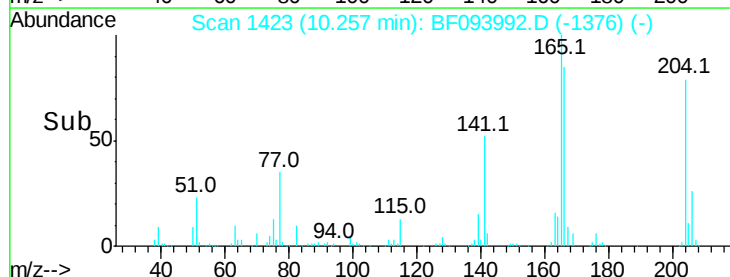
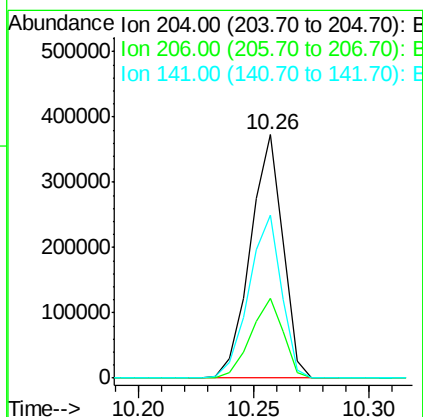
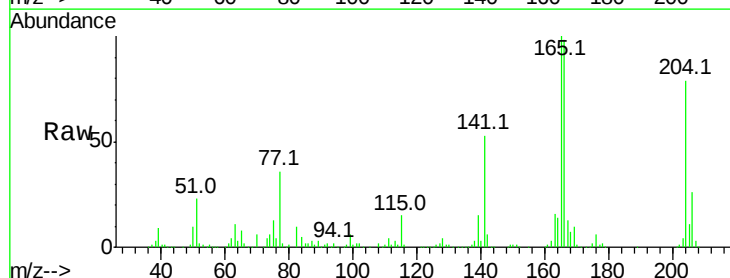
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 930936
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.55 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

Tgt Ion:204 Resp: 366715
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 67.0 60.8 91.2





#61

4-Nitroaniline

Concen: 43.88 ng

RT: 10.29 min Scan# 1428

Delta R.T. -0.02 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

Instrument :

BNA_F

ClientSampled :

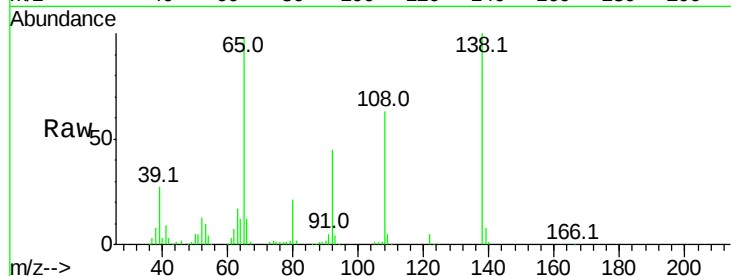
Tot Ion:138 Resp: 260289

Ion Ratio Lower Upper

138 100

92 44.7 21.8 61.8

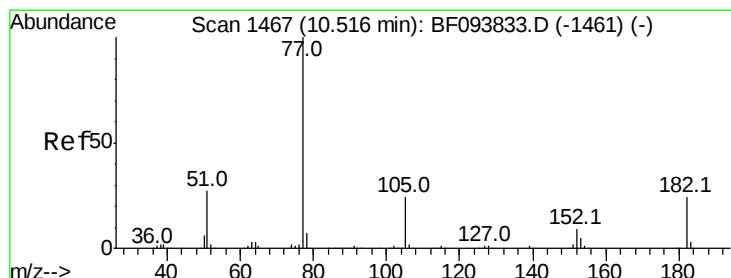
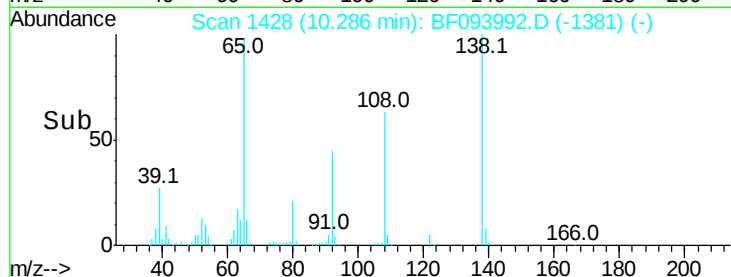
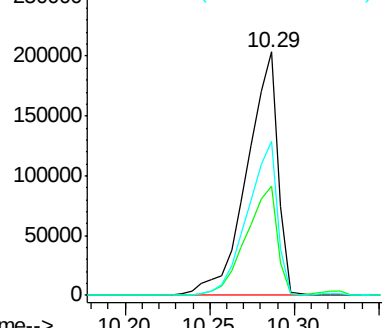
108 63.4 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.74 ng

RT: 10.45 min Scan# 1456

Delta R.T. -0.02 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

Tgt Ion: 77 Resp: 853169

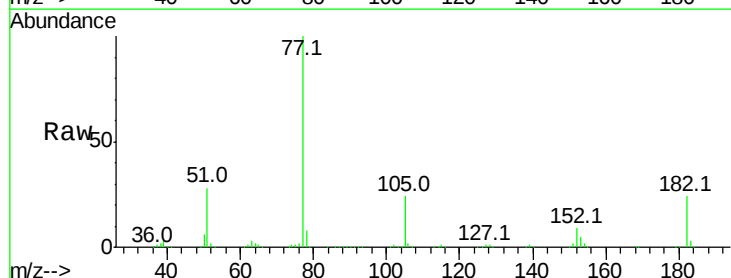
Ion Ratio Lower Upper

77 100

182 24.0 0.1 40.1

105 24.2 3.6 43.6

51 27.5 9.4 49.4

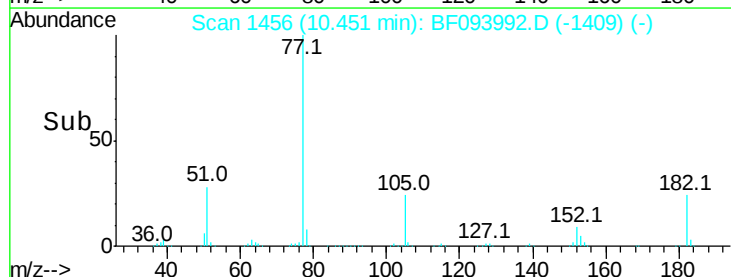
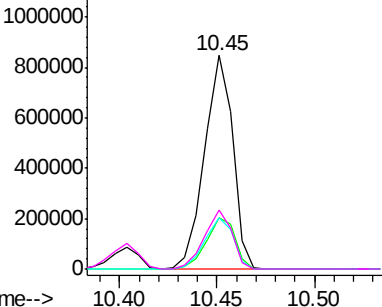


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

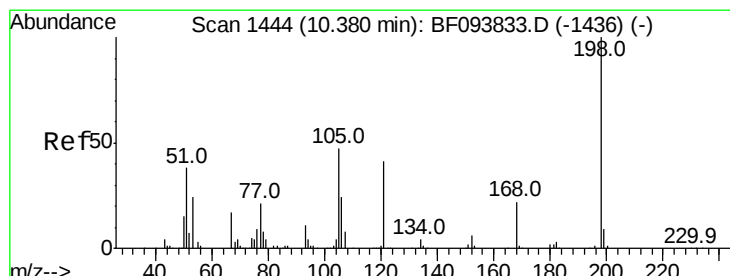
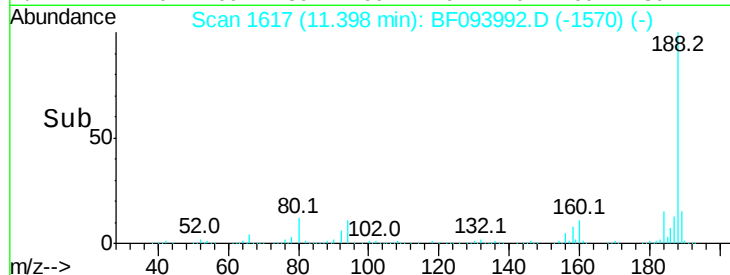
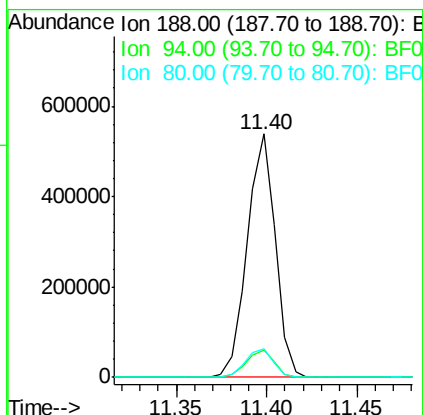
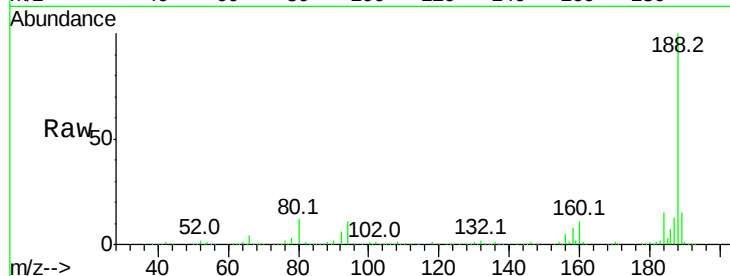




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1617
Delta R.T. -0.02 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

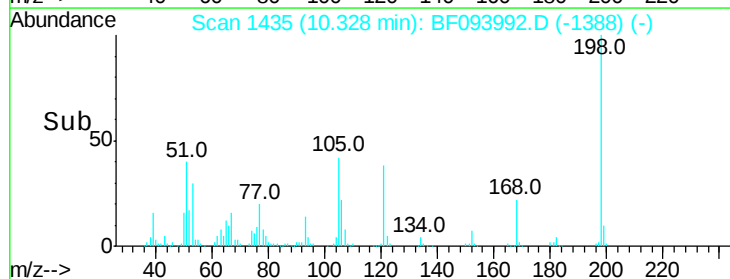
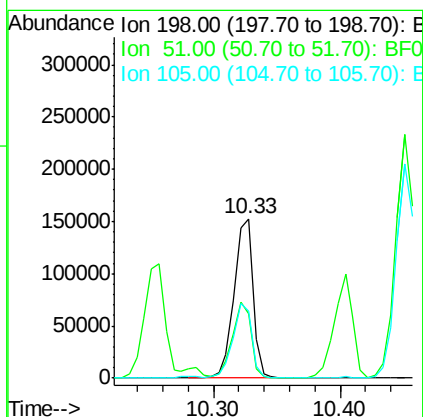
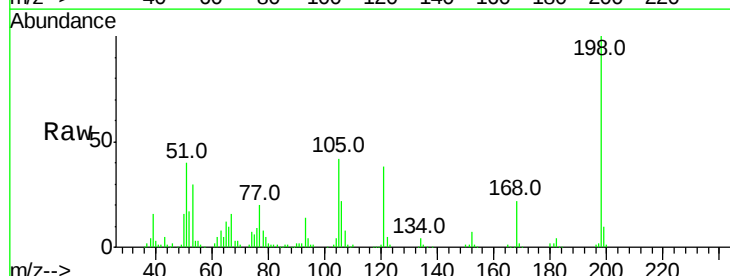
Instrument :
BNA_F
ClientSampleId :

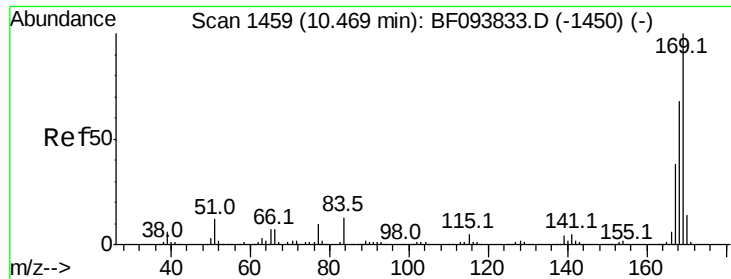
Tot Ion:188 Resp: 579793
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.7 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 44.36 ng
RT: 10.33 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

Tgt Ion:198 Resp: 157529
Ion Ratio Lower Upper
198 100
51 40.4 53.2 93.2#
105 42.0 45.8 85.8#

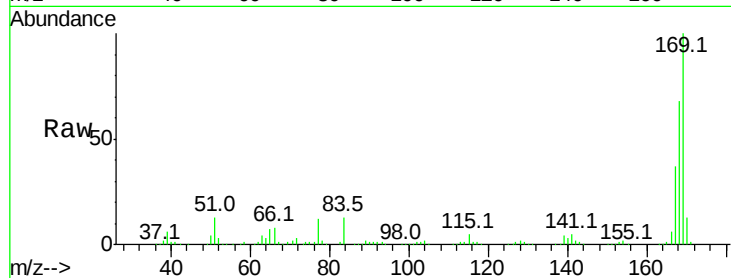




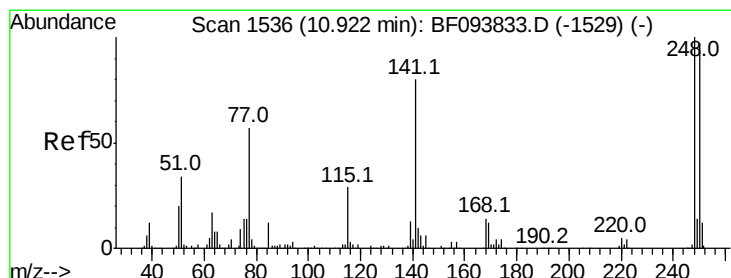
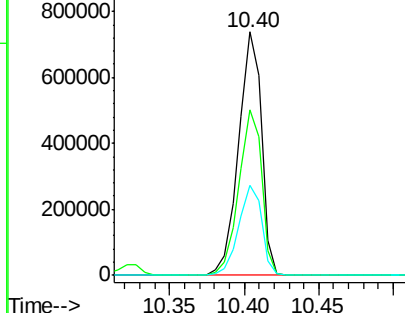
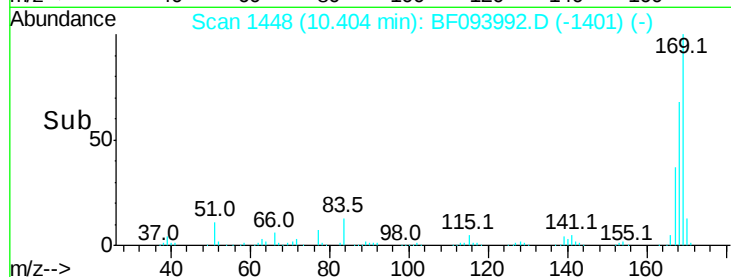
#65
 n-Nitrosodiphenylamine
 Concen: 39.33 ng
 RT: 10.40 min Scan# 1448
 Delta R.T. -0.02 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.2	79.8
167	36.9	29.5	44.3

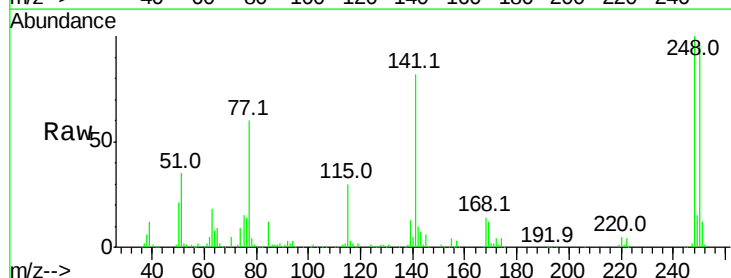


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

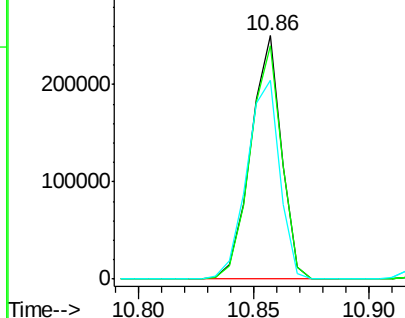
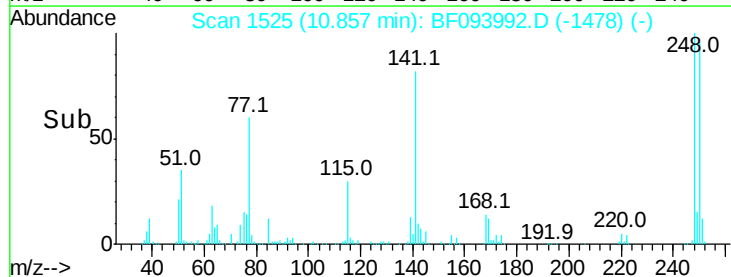


#66
 4-Bromophenyl-phenylether
 Concen: 40.70 ng
 RT: 10.86 min Scan# 1525
 Delta R.T. -0.02 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.7	76.8	115.2
141	81.9	68.6	103.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.28 ng

RT: 10.93 min Scan# 1537

Delta R.T. -0.02 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

Instrument :

BNA_F

ClientSampleId :

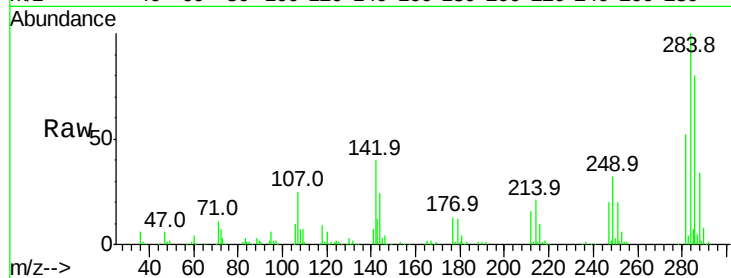
Tot Ion:284 Resp: 238275

Ion Ratio Lower Upper

284 100

142 40.4 22.8 34.2#

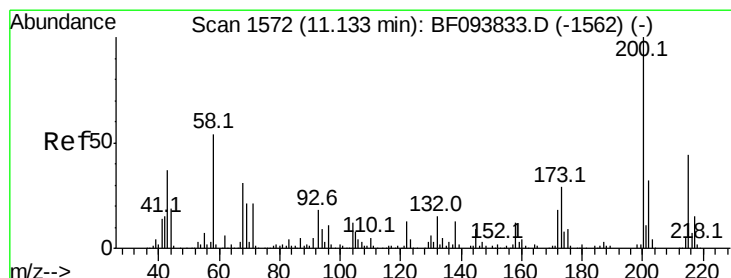
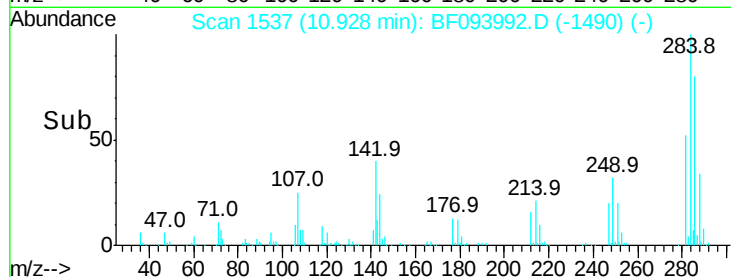
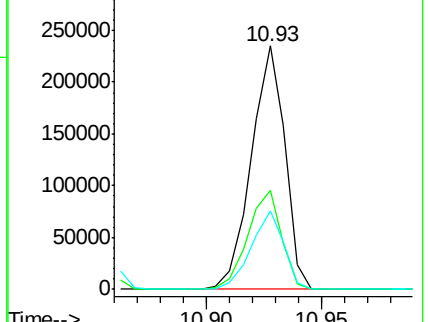
249 32.1 24.0 36.0



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: 40.70 ng

RT: 11.07 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

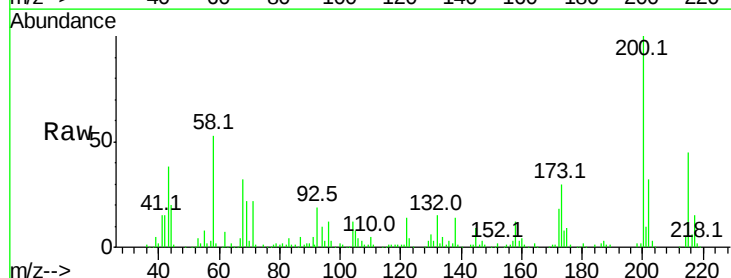
Tgt Ion:200 Resp: 244437

Ion Ratio Lower Upper

200 100

173 30.0 6.3 46.3

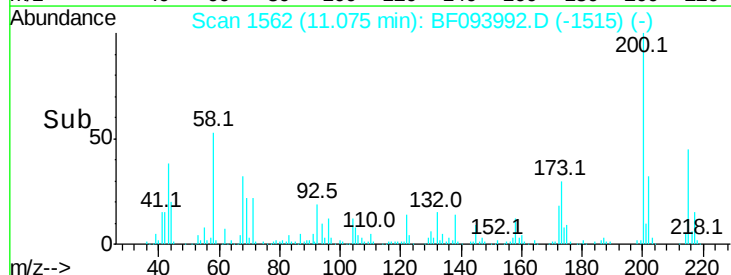
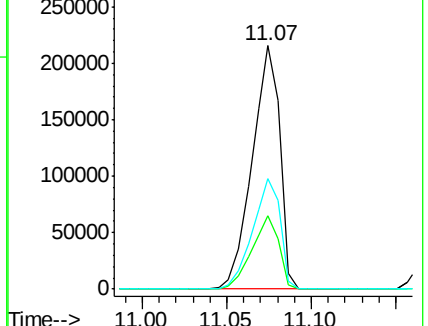
215 45.4 27.2 67.2



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

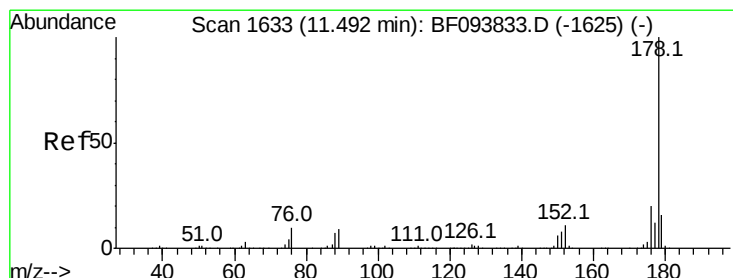
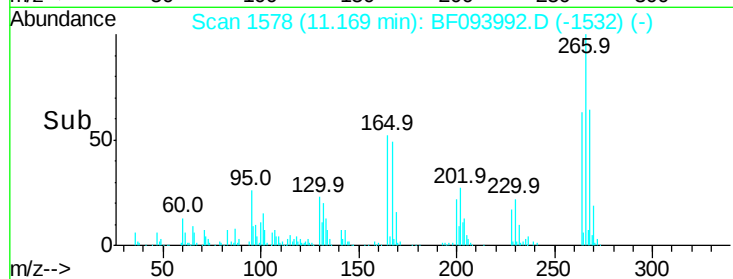
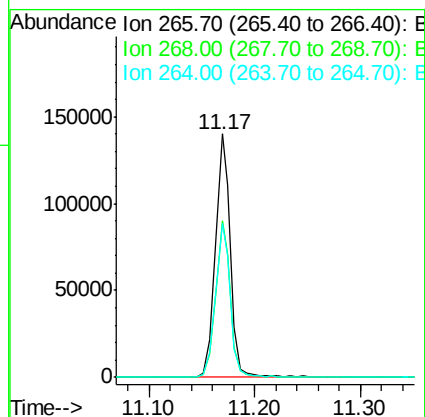
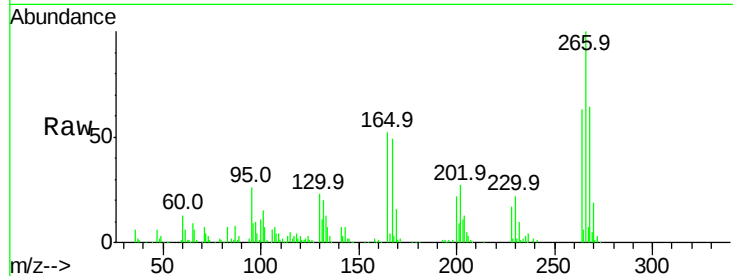




#69
 Pentachlorophenol
 Concen: 39.56 ng
 RT: 11.17 min Scan# 1578
 Delta R.T. -0.03 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

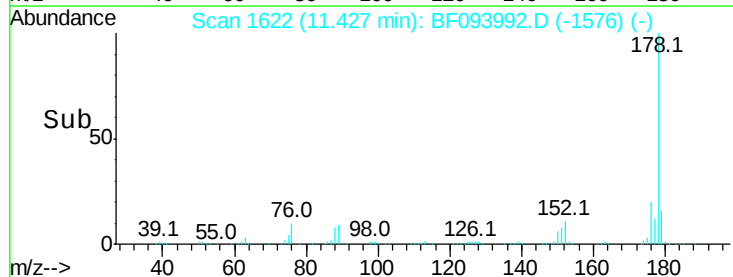
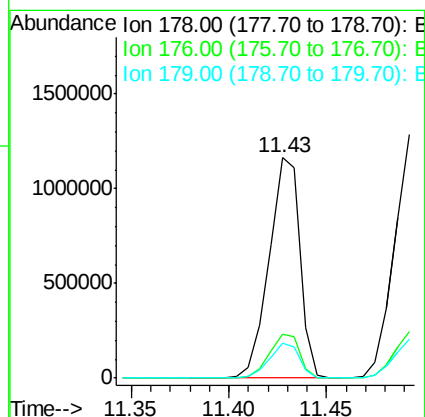
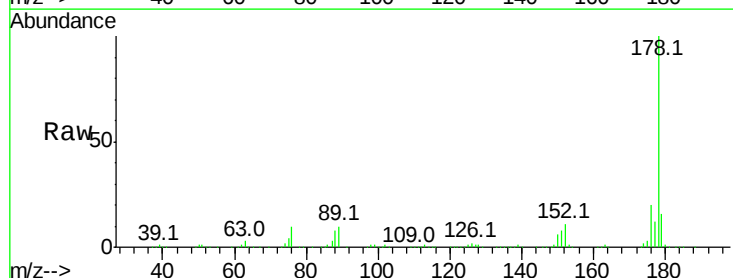
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.1	76.7
264	63.4	51.7	77.5



#70
 Phenanthrene
 Concen: 39.46 ng
 RT: 11.43 min Scan# 1622
 Delta R.T. -0.03 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

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

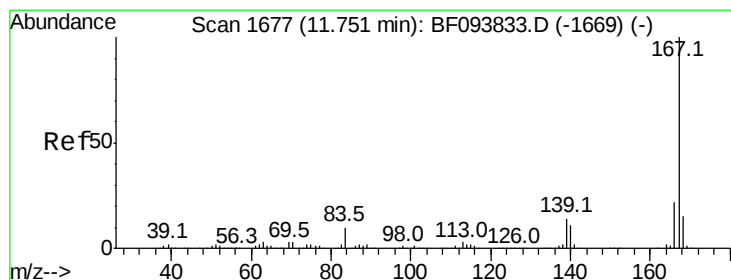
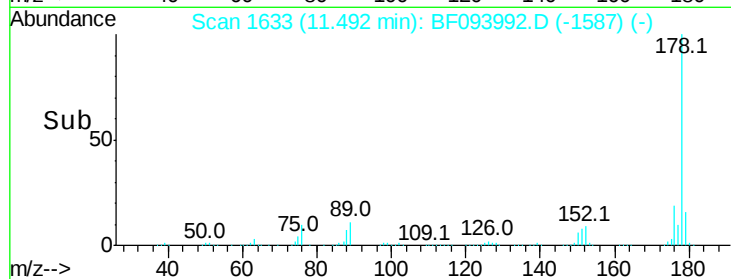
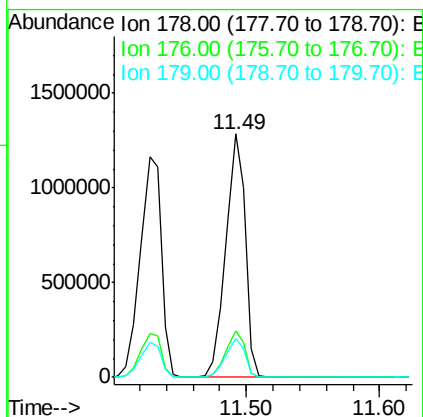
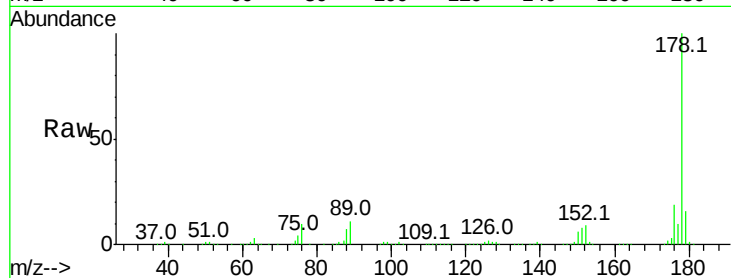




#71
 Anthracene
 Concen: 39.99 ng
 RT: 11.49 min Scan# 1633
 Delta R.T. -0.03 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

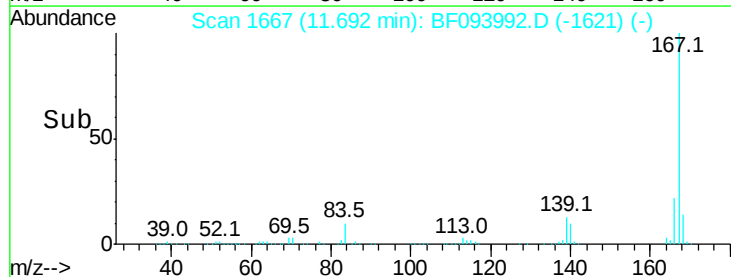
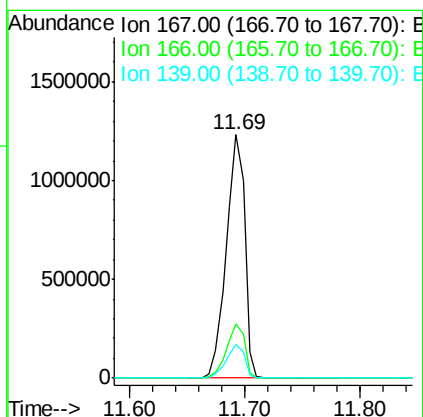
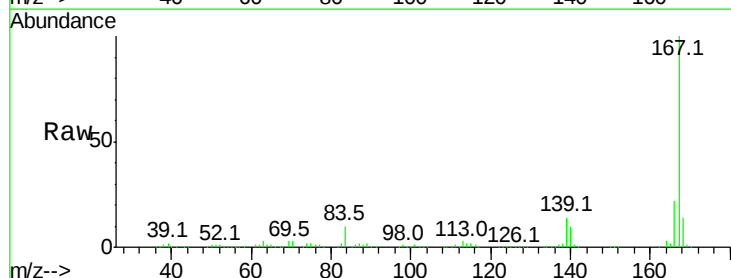
Instrument :
 BNA_F
 ClientSampleId :

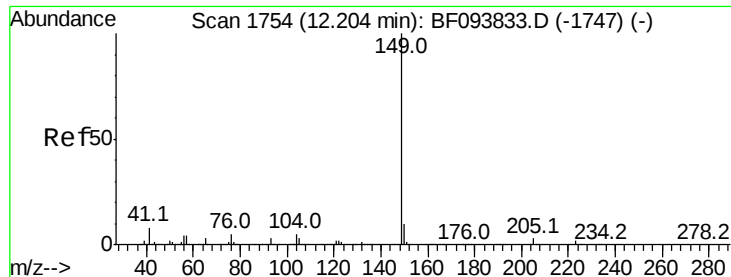
Tot Ion:178 Resp: 1327943
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 39.93 ng
 RT: 11.69 min Scan# 1667
 Delta R.T. -0.03 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

Tgt Ion:167 Resp: 1359673
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.6 11.7 17.5

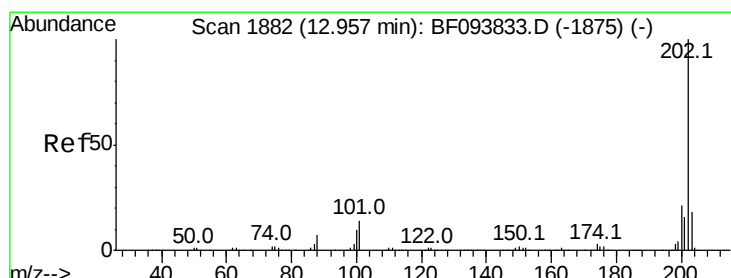
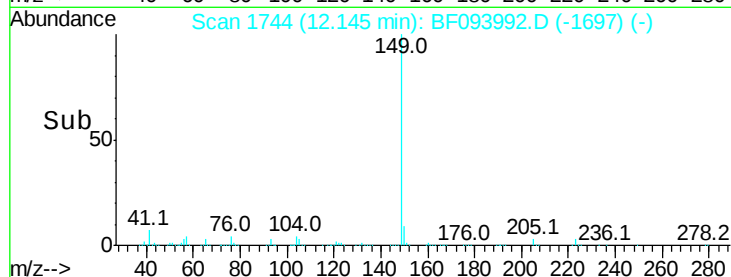
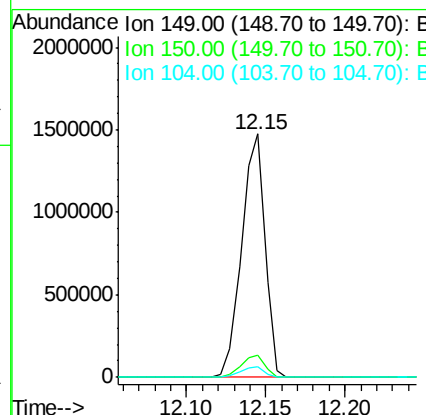
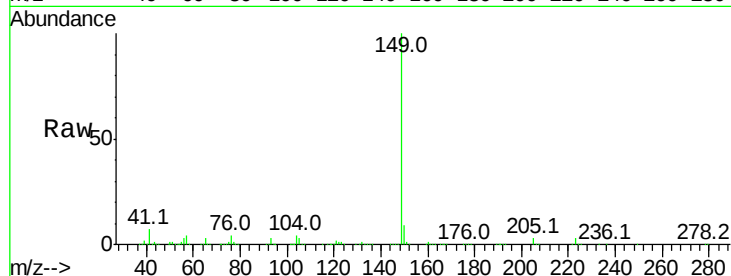




#73
Di-n-butylphthalate
Concen: 42.36 ng
RT: 12.15 min Scan# 1744
Delta R.T. -0.02 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

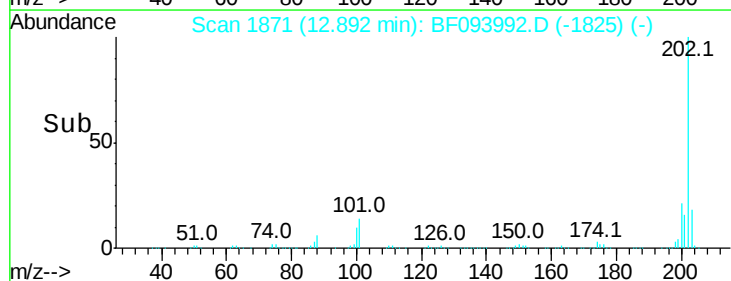
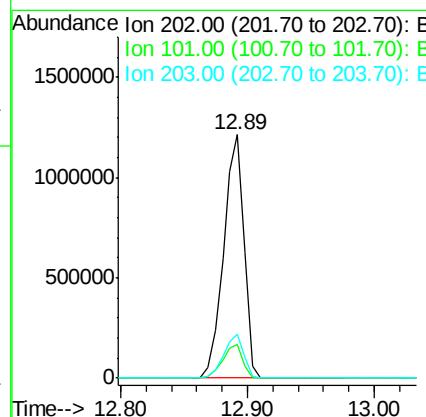
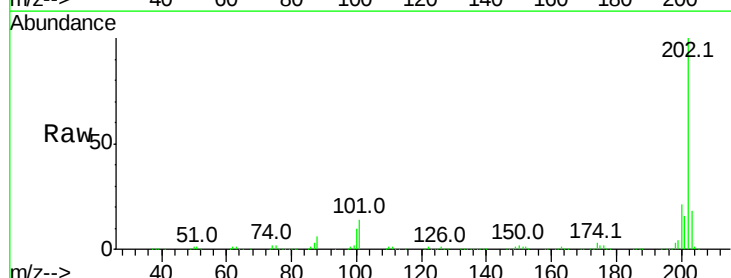
Instrument :
BNA_F
ClientSampleId :

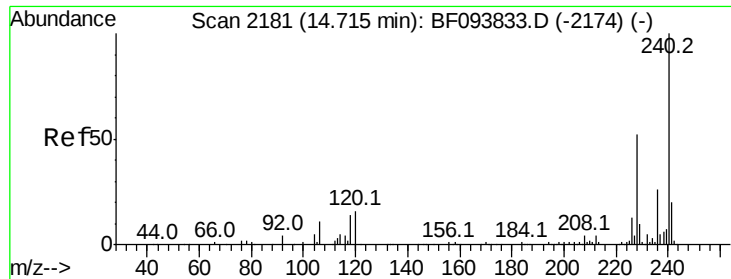
Tot Ion:149 Resp: 1499948
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 4.5 4.0 6.0



#74
Fluoranthene
Concen: 40.94 ng
RT: 12.89 min Scan# 1871
Delta R.T. -0.03 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

Tgt Ion:202 Resp: 1351952
Ion Ratio Lower Upper
202 100
101 14.0 0.0 33.2
203 17.9 0.0 38.1

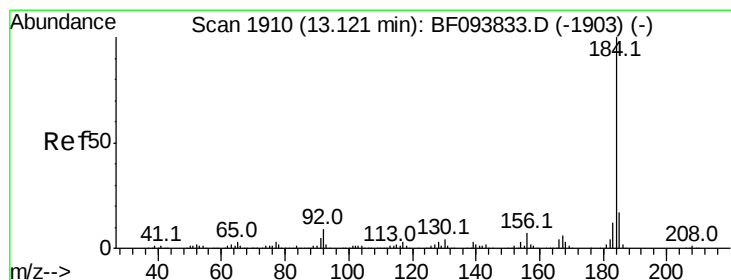
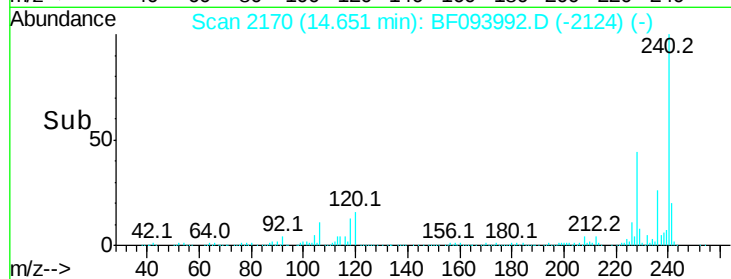
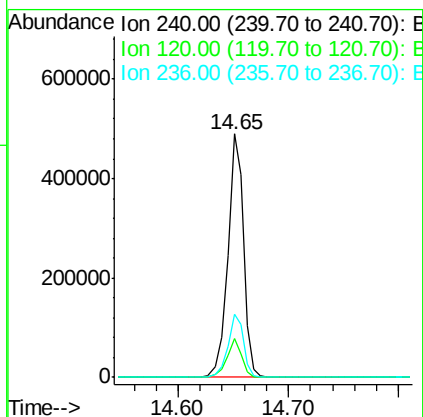
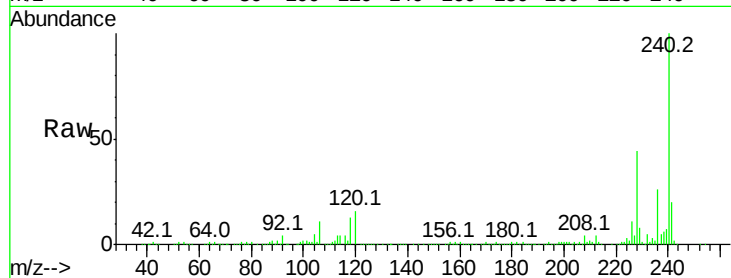




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.65 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

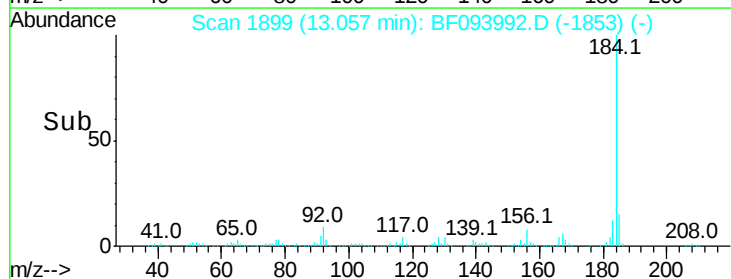
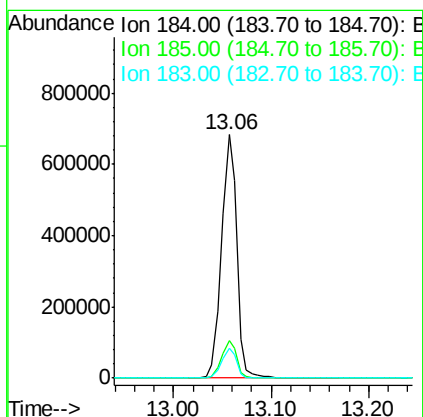
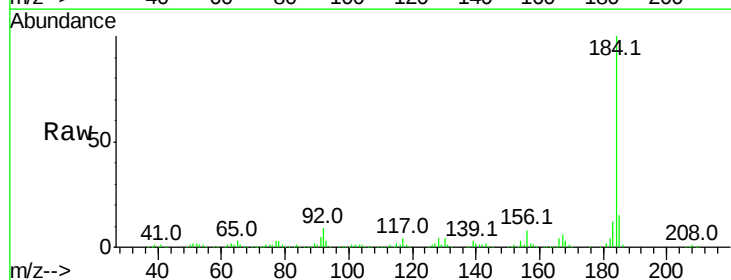
Instrument :
BNA_F
ClientSampleId :

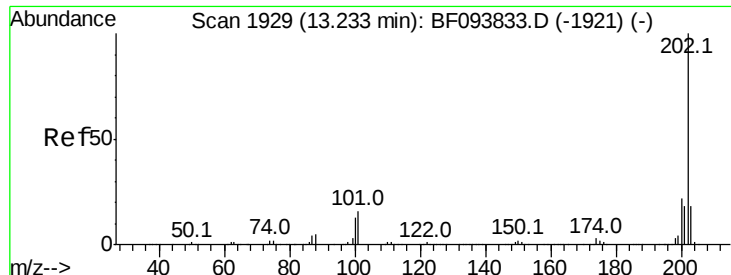
Tot Ion:240 Resp: 489425
Ion Ratio Lower Upper
240 100
120 15.8 5.8 8.8#
236 25.8 20.5 30.7



#76
Benzidine
Concen: 38.35 ng
RT: 13.06 min Scan# 1899
Delta R.T. -0.03 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

Tgt Ion:184 Resp: 742773
Ion Ratio Lower Upper
184 100
185 15.4 15.5 23.3#
183 12.2 9.8 14.6

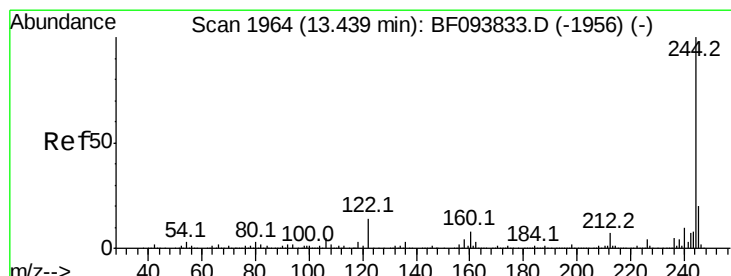
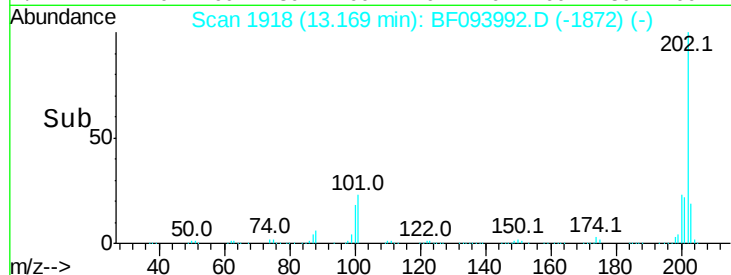
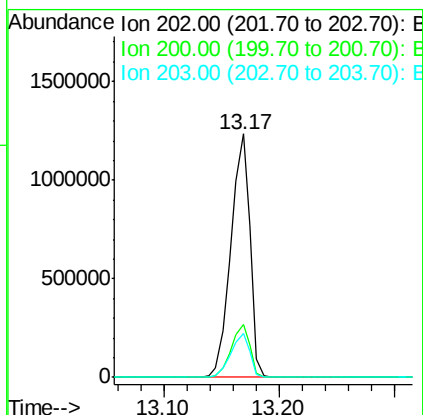
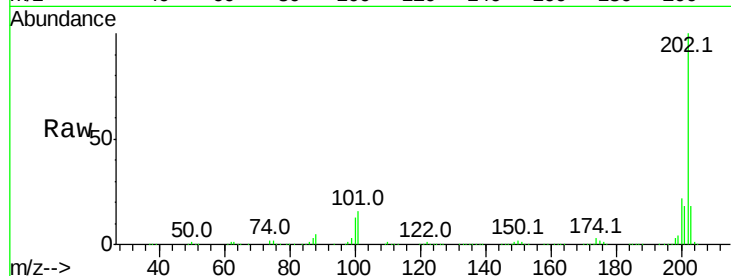




#77
Pvrene
Concen: 39.68 ng
RT: 13.17 min Scan# 1918
Delta R.T. -0.03 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

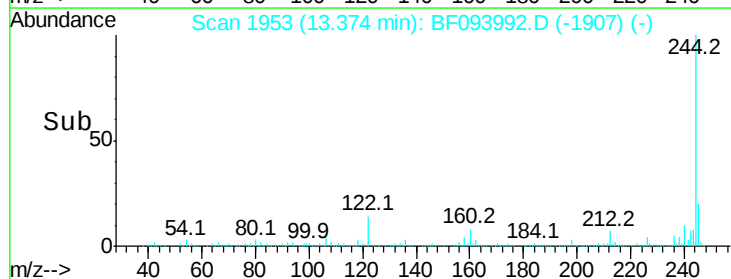
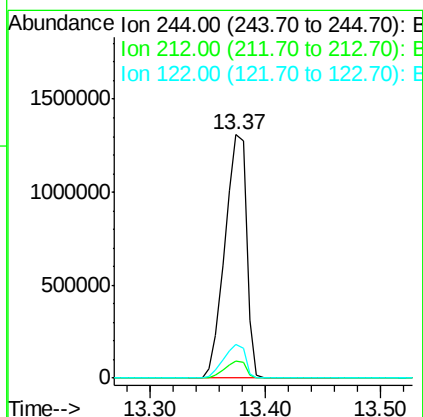
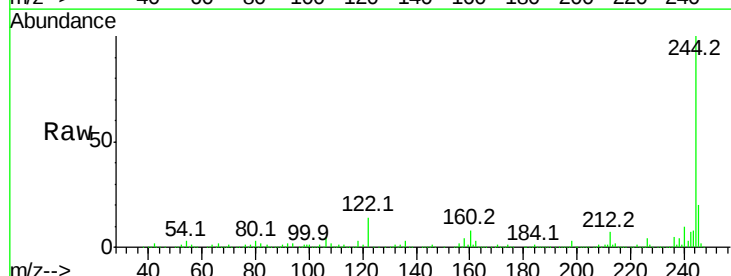
Instrument :
BNA_F
ClientSampleId :

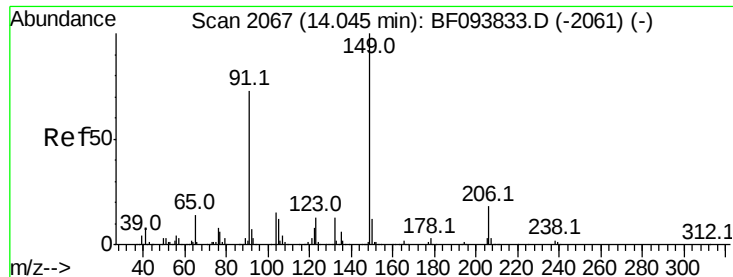
Tot Ion:202 Resp: 1409357
Ion Ratio Lower Upper
202 100
200 21.8 17.6 26.4
203 17.9 14.4 21.6



#78
Terphenyl-d14
Concen: 78.08 ng
RT: 13.37 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

Tgt Ion:244 Resp: 1704860
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 13.9 10.3 15.5

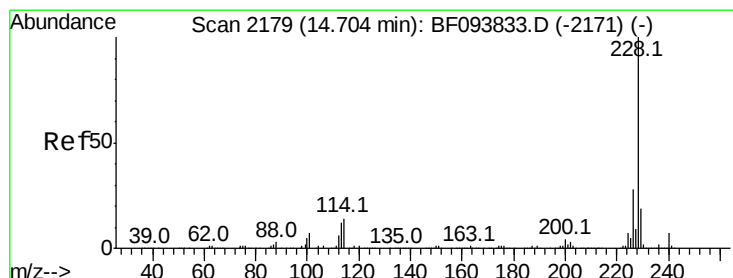
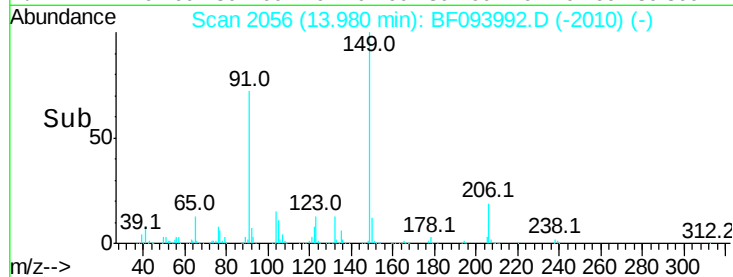
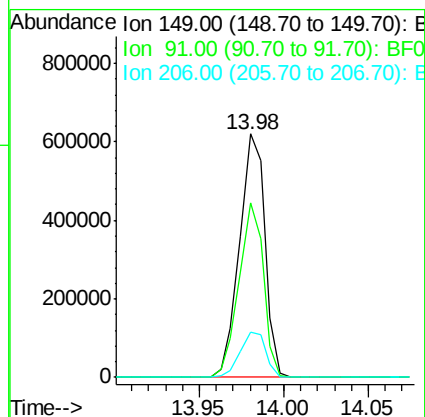
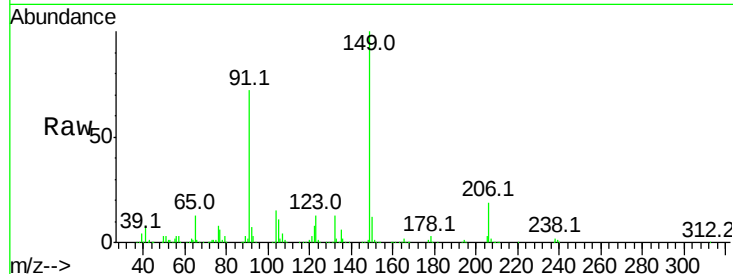




#79
Butylbenzylphthalate
Concen: 43.04 ng
RT: 13.98 min Scan# 2056
Delta R.T. -0.03 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

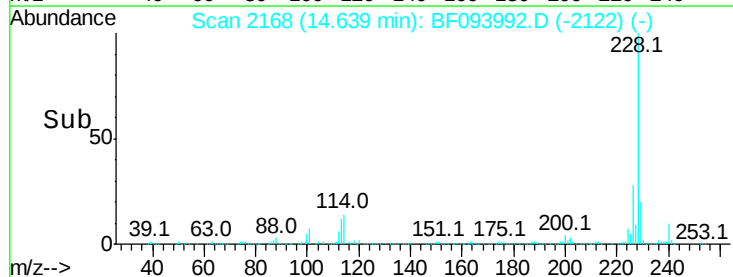
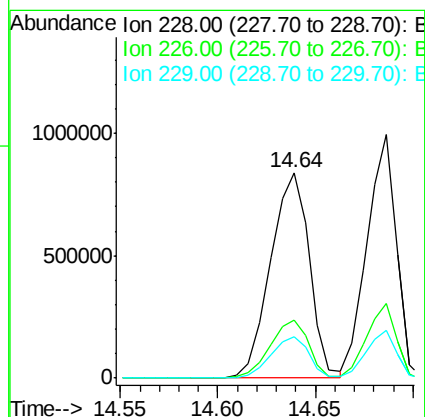
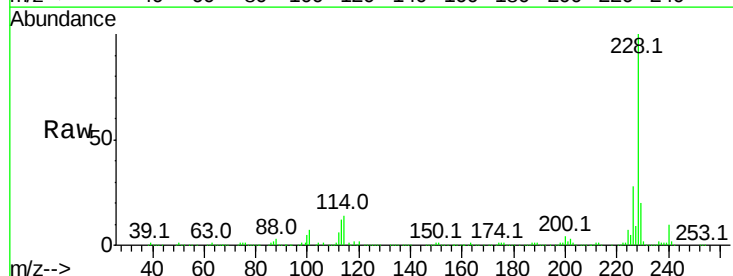
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 651301
Ion Ratio Lower Upper
149 100
91 71.7 45.0 67.4#
206 18.5 17.0 25.6



#80
Benzo(a)anthracene
Concen: 40.41 ng
RT: 14.64 min Scan# 2168
Delta R.T. -0.03 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

Tgt Ion:228 Resp: 1153390
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.1 16.3 24.5

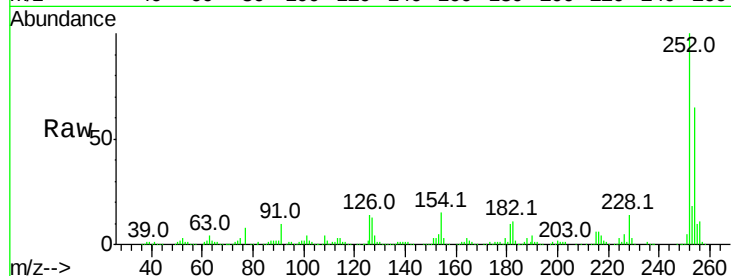




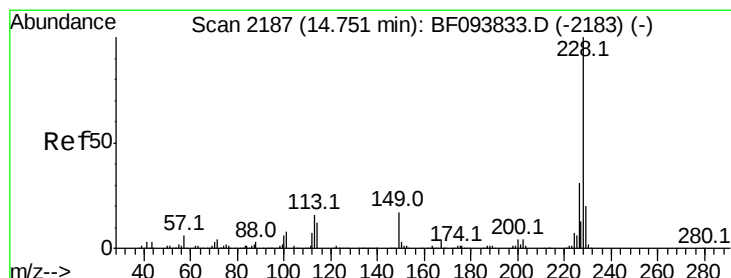
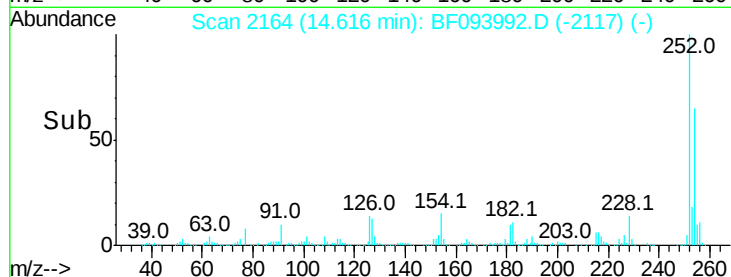
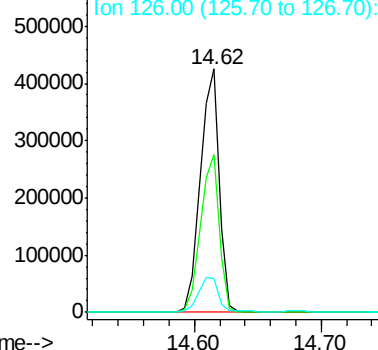
#81
 3,3'-Dichlorobenzidine
 Concen: 42.61 ng
 RT: 14.62 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 434678
 Ion Ratio Lower Upper
 252 100
 254 64.9 51.5 77.3
 126 13.6 15.8 23.8#

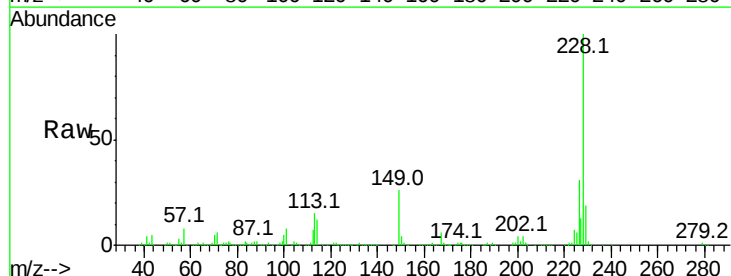


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

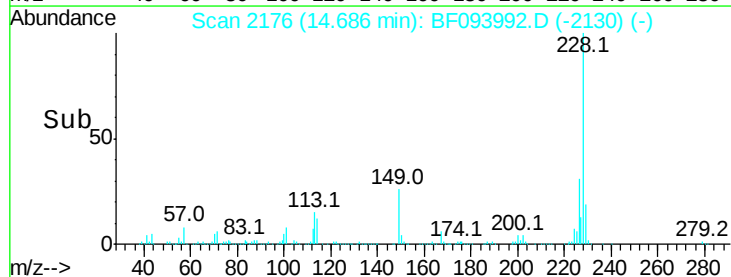
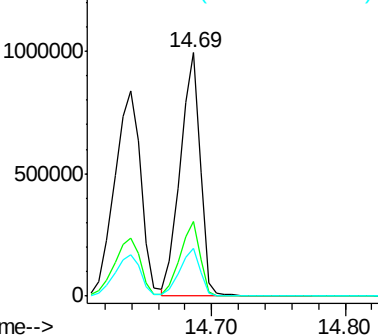


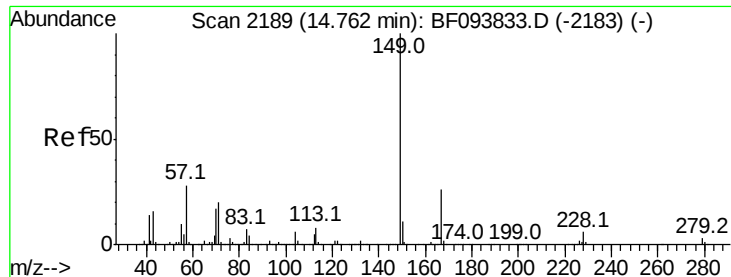
#82
 Chrysene
 Concen: 39.30 ng
 RT: 14.69 min Scan# 2176
 Delta R.T. -0.03 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

Tgt Ion:228 Resp: 1040823
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 19.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

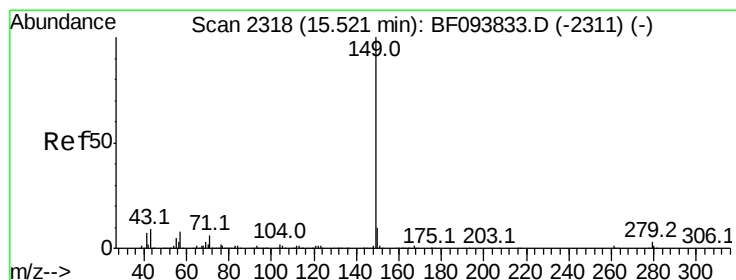
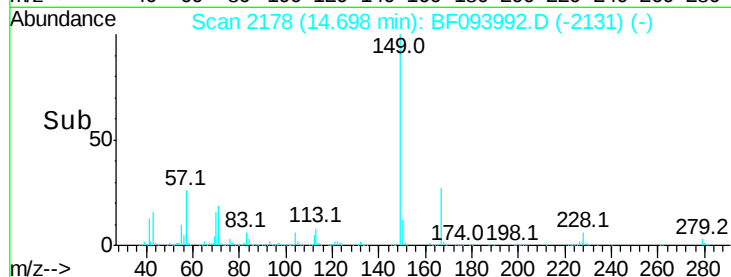
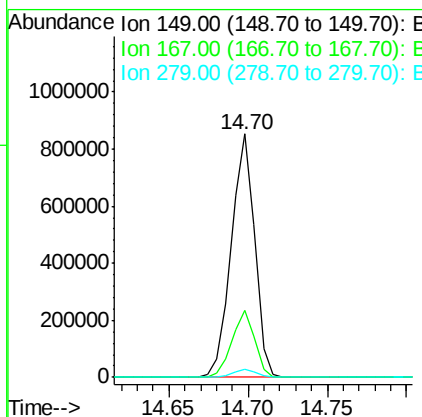
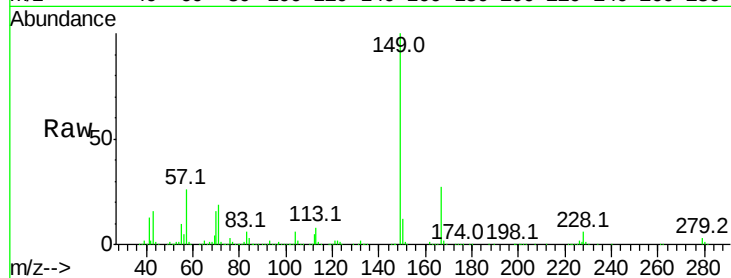




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.26 ng
 RT: 14.70 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

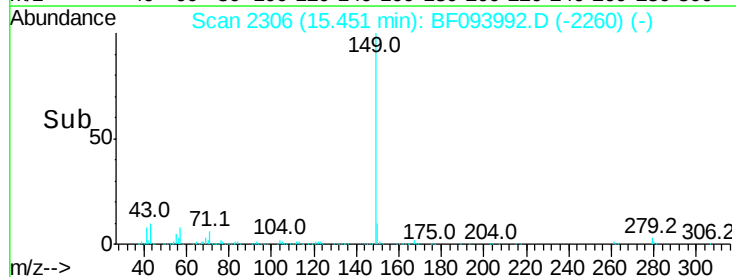
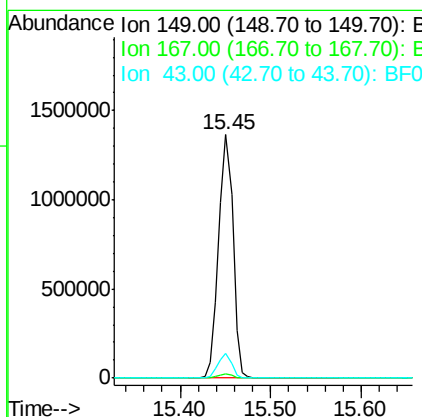
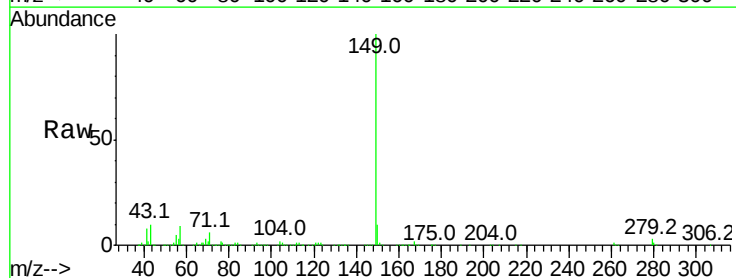
Instrument :
 BNA_F
 ClientSampleId :

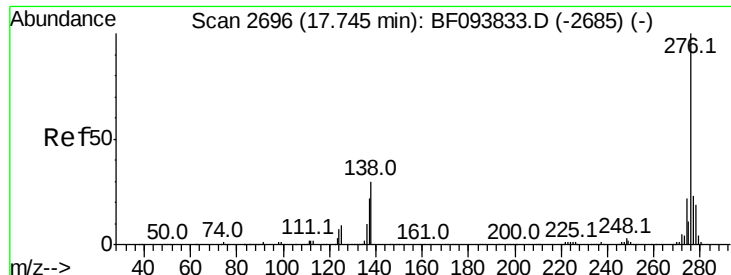
Tot Ion:149 Resp: 872612
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.0 31.4
 279 3.1 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 43.31 ng
 RT: 15.45 min Scan# 2306
 Delta R.T. -0.03 min
 Lab File: BF093992.D
 Acq: 28 Mar 2017 14:59

Tgt Ion:149 Resp: 1493987
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.8 8.5 12.7

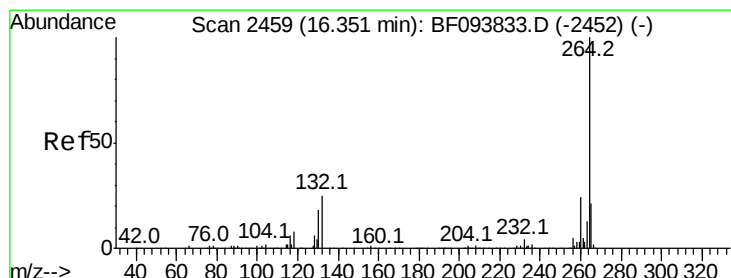
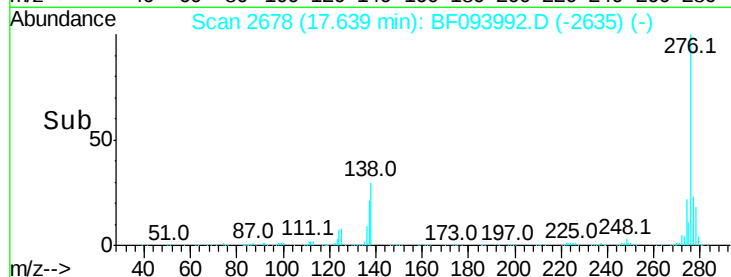
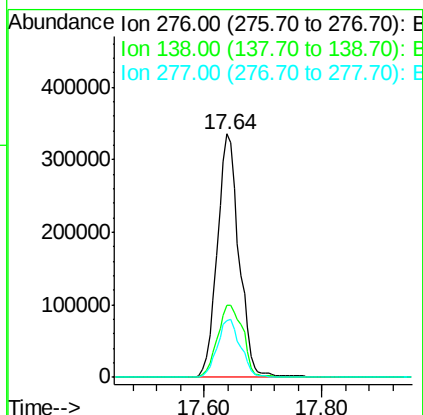
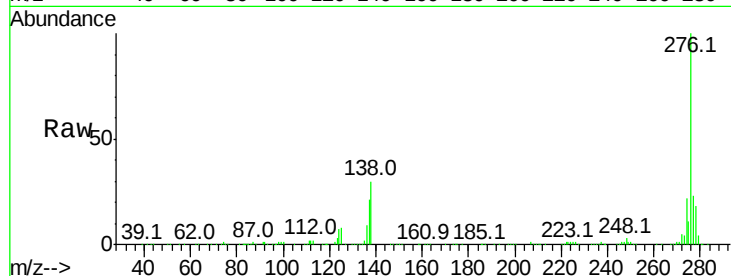




#85
Indeno(1,2,3-cd)pyrene
Concen: 37.52 ng
RT: 17.64 min Scan# 2678
Delta R.T. -0.05 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

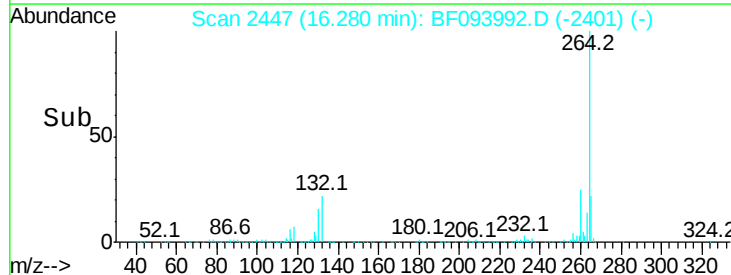
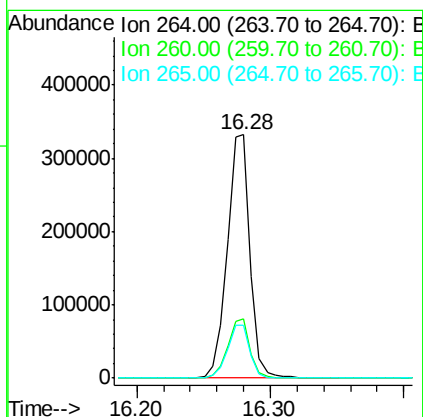
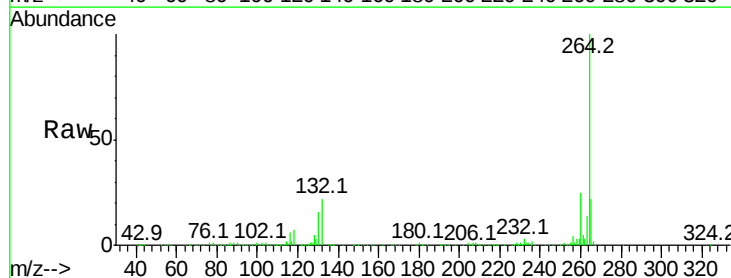
Instrument :
BNA_F
ClientSampleId :

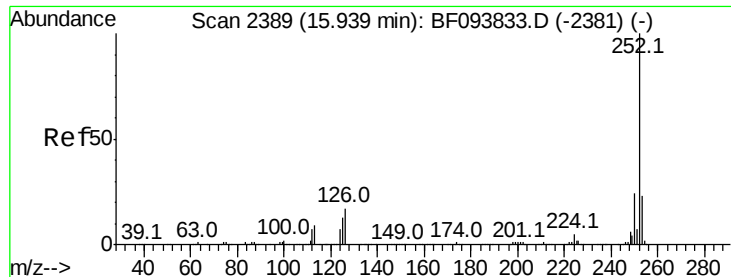
Tot Ion:276 Resp: 860522
Ion Ratio Lower Upper
276 100
138 34.9 27.8 41.6
277 25.4 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.28 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

Tgt Ion:264 Resp: 397471
Ion Ratio Lower Upper
264 100
260 24.5 19.5 29.3
265 21.6 17.2 25.8

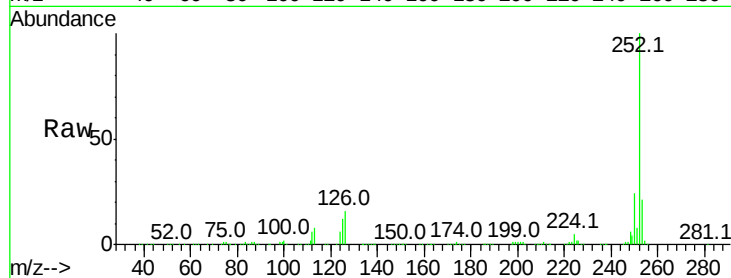




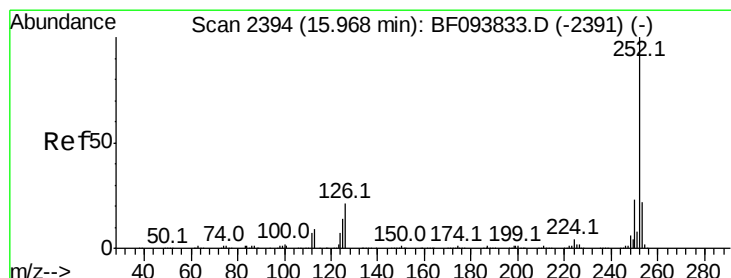
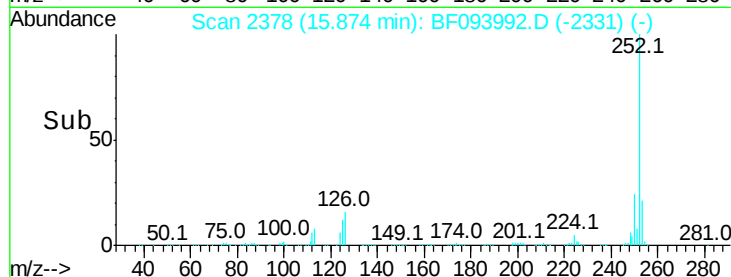
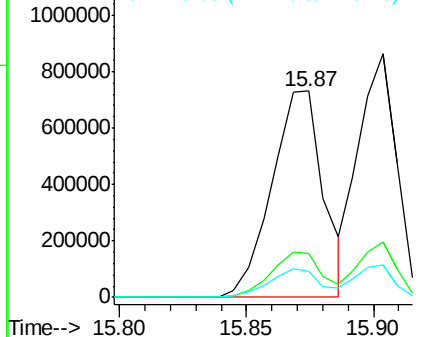
#87
Benzo(b)fluoranthene
Concen: 42.56 ng
RT: 15.87 min Scan# 2378
Delta R.T. -0.02 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1036876
Ion Ratio Lower Upper
252 100
253 21.1 18.1 27.1
125 12.4 9.8 14.8

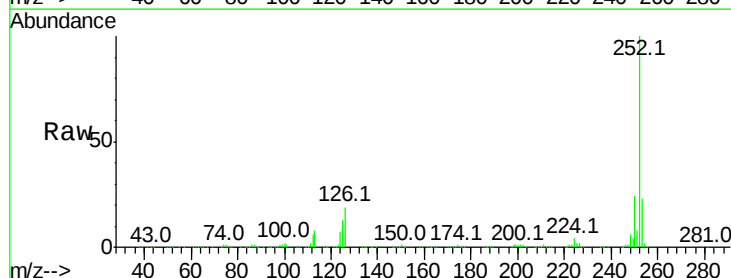


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

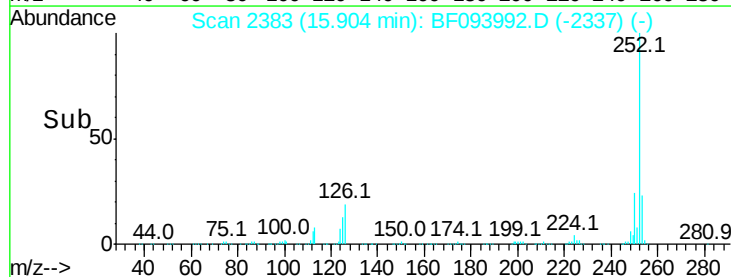
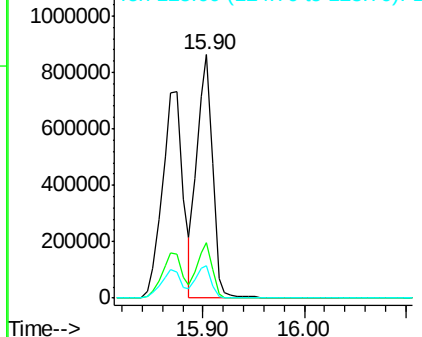


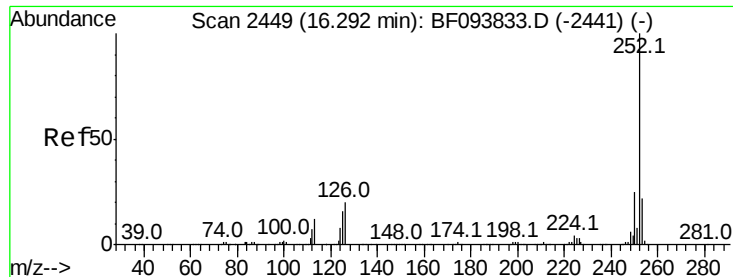
#88
Benzo(k)fluoranthene
Concen: 38.67 ng
RT: 15.90 min Scan# 2383
Delta R.T. -0.03 min
Lab File: BF093992.D
Acq: 28 Mar 2017 14:59

Tgt Ion:252 Resp: 921941
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 13.3 13.1 19.7



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





#89

Benzo(a)pyrene

Concen: 41.02 ng

RT: 16.22 min Scan# 2437

Delta R.T. -0.03 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

Instrument :

BNA_F

ClientSampleId :

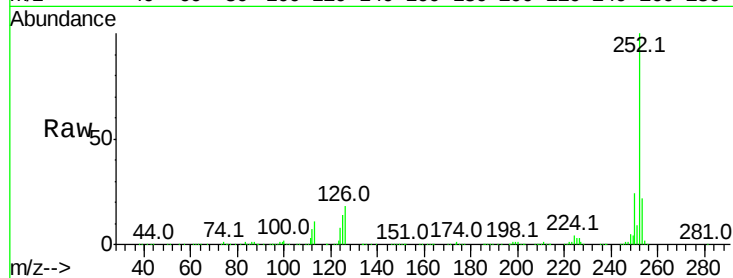
Tot Ion:252 Resp: 920278

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

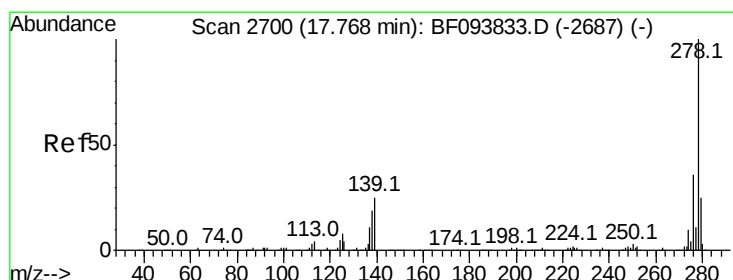
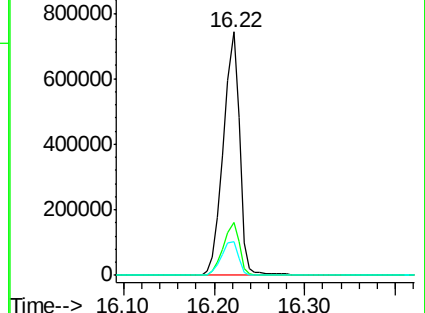
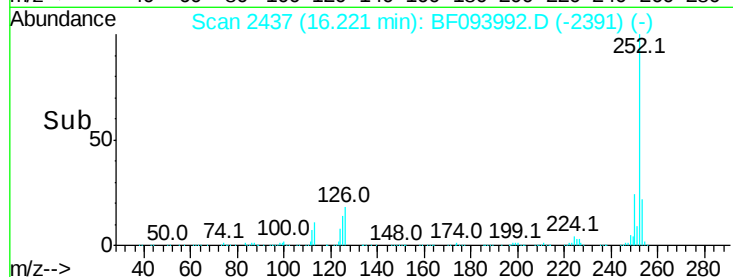
125 14.0 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.29 ng

RT: 17.66 min Scan# 2682

Delta R.T. -0.05 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

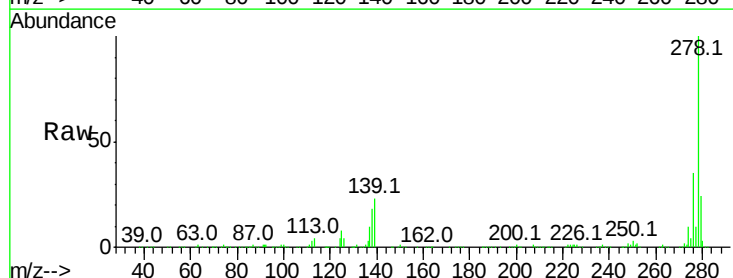
Tgt Ion:278 Resp: 727469

Ion Ratio Lower Upper

278 100

139 23.0 16.6 24.8

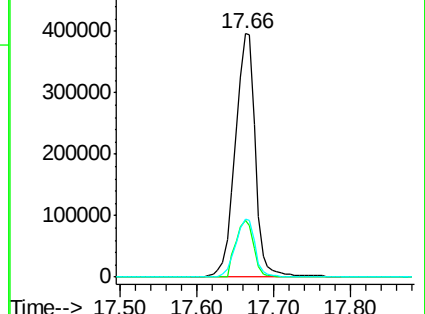
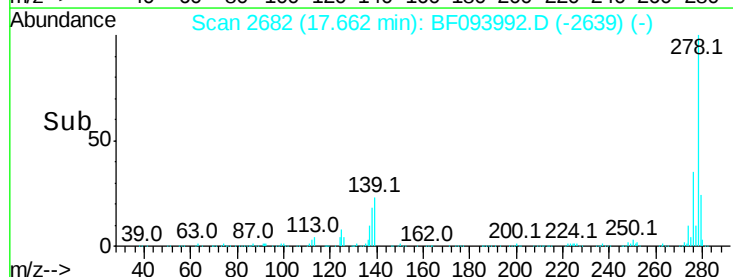
279 24.1 19.3 28.9

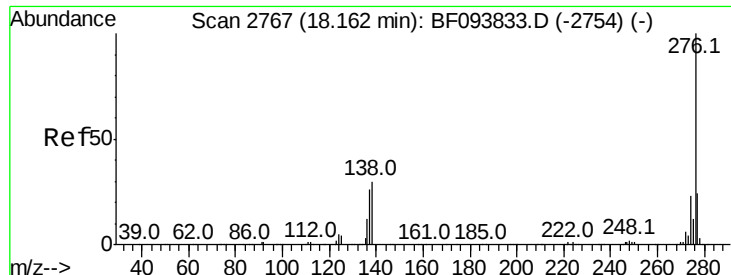


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.19 ng

RT: 18.04 min Scan# 2747

Delta R.T. -0.05 min

Lab File: BF093992.D

Acq: 28 Mar 2017 14:59

Instrument :

BNA_F

ClientSampleId :

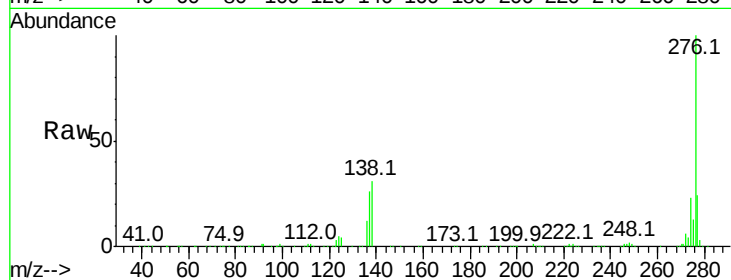
Tot Ion:276 Resp: 712122

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 31.3 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

