

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099170.D
 Acq On : 7 Oct 2017 1:51
 Operator : SJ/JU
 Sample : I5542-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 07 02:51:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

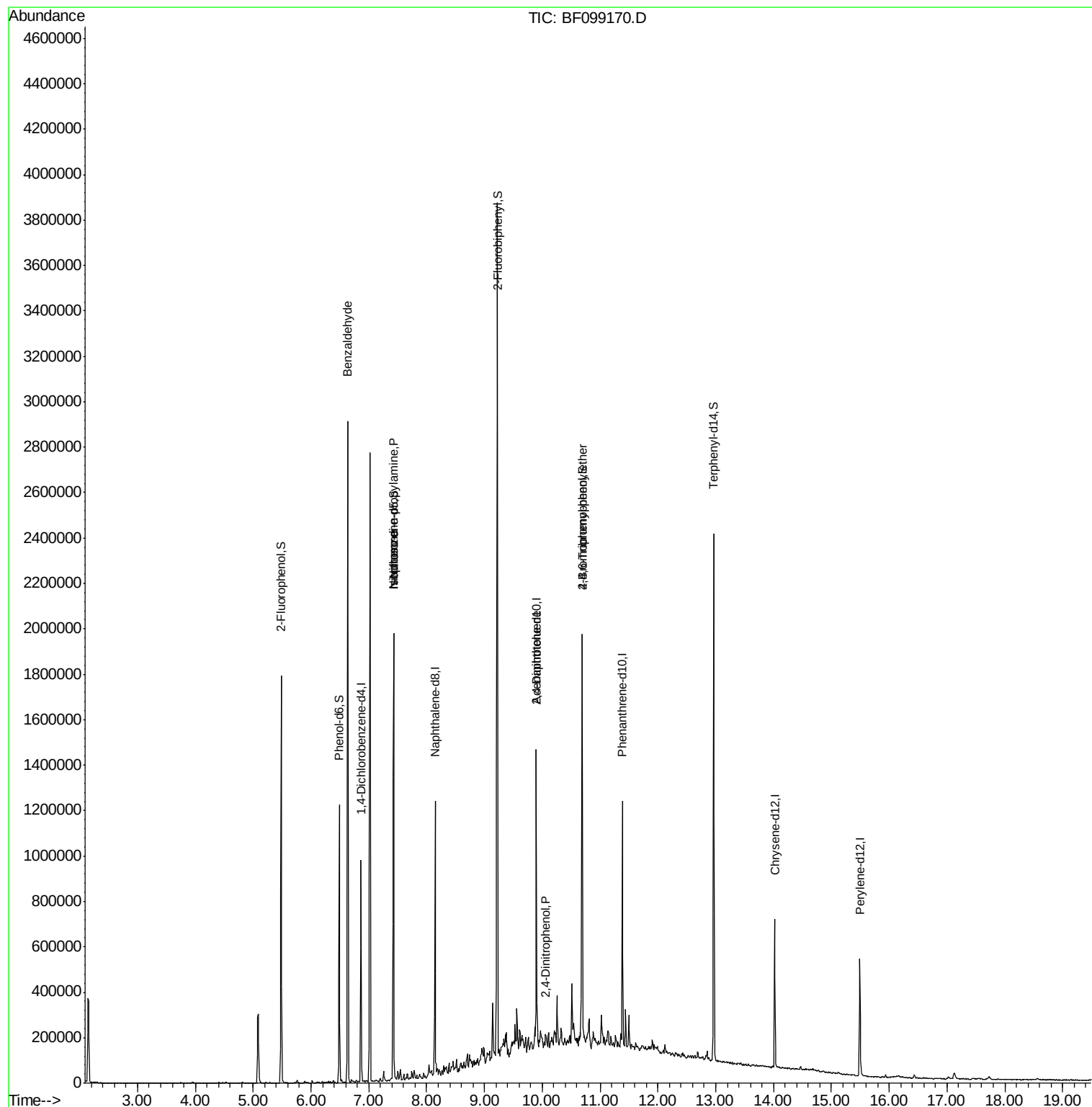
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	131473	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	524371	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	233100	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	348510	20.00	ng	0.00
75) Chrysene-d12	14.02	240	195960	20.00	ng	-0.01
86) Perylene-d12	15.49	264	223421	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	553223	66.99	ng	0.00
7) Phenol-d6	6.49	99	435434	42.74	ng	0.00
23) Nitrobenzene-d5	7.43	82	713057	87.21	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	219029	114.83	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1230312	88.11	ng	0.00
78) Terphenyl-d14	12.97	244	726240	84.28	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	17595	2.98	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.43	70	91867	14.12	ng	# 74
25) Isophorone	7.43	82	709997	42.00	ng	# 64
53) 2,4-Dinitrophenol	10.05	184	436	6.03	ng	# 52
56) 2,4-Dinitrotoluene	9.90	165	33525	6.74	ng	# 26
66) 4-Bromophenyl-phenylether	10.69	248	14767	4.33	ng	# 1

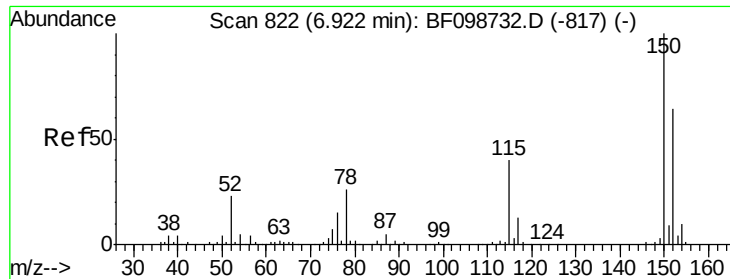
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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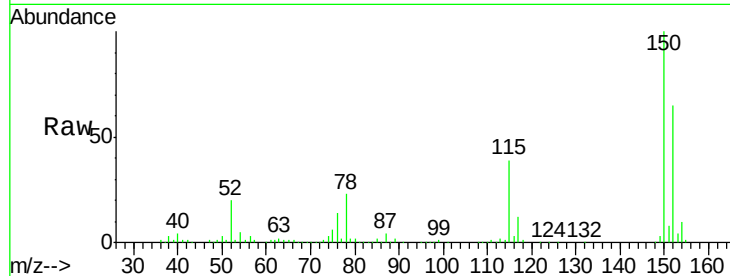


#1

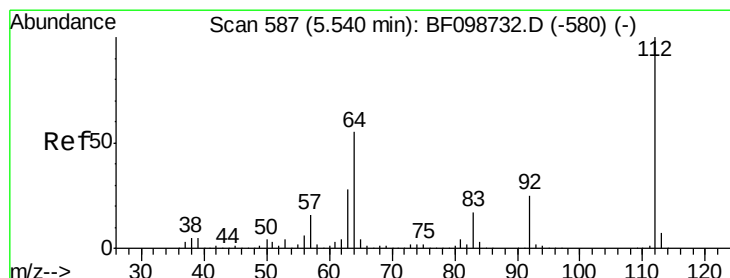
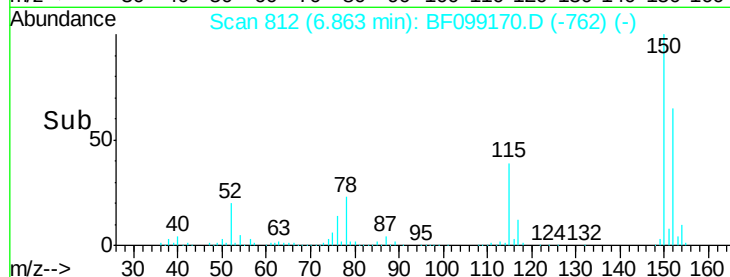
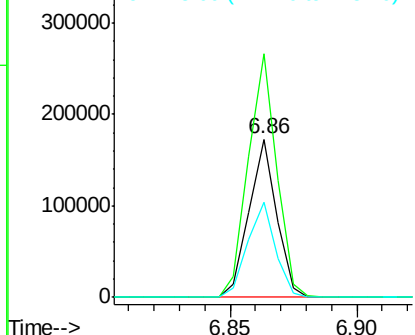
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099170.D
 Acq: 7 Oct 2017 1:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 131473
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.6 186.8
 115 59.9 50.1 75.1



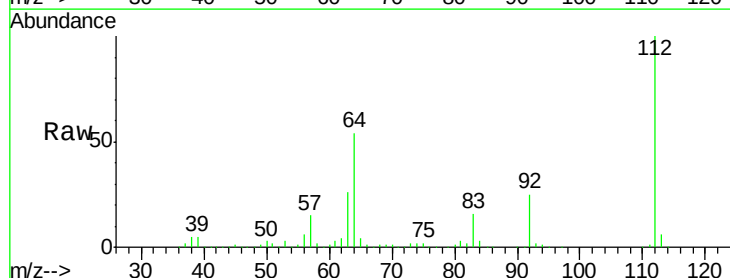
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



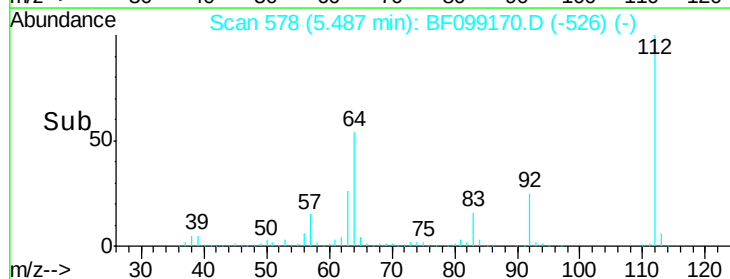
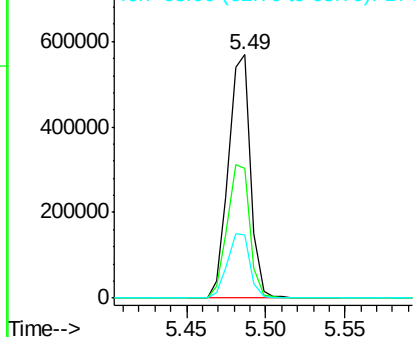
#5

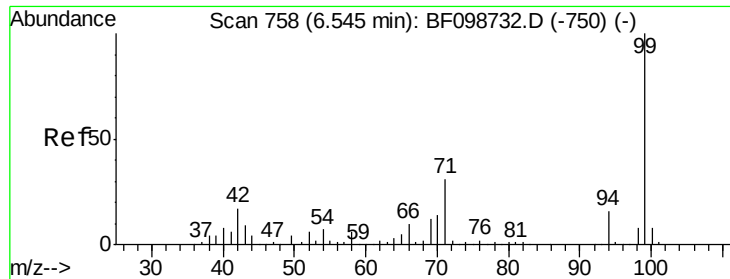
2-Fluorophenol
 Concen: 66.99 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF099170.D
 Acq: 7 Oct 2017 1:51

Tgt Ion:112 Resp: 553223
 Ion Ratio Lower Upper
 112 100
 64 53.5 47.9 71.9
 63 25.9 23.7 35.5



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





#7

Phenol-d6

Concen: 42.74 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099170.D

Acq: 7 Oct 2017 1:51

Instrument :

BNA_F

ClientSampleId :

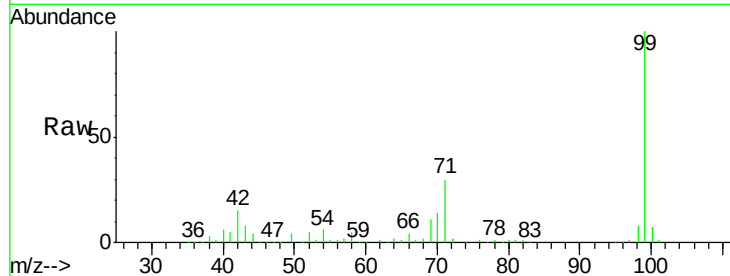
Tot Ion: 99 Resp: 435434

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

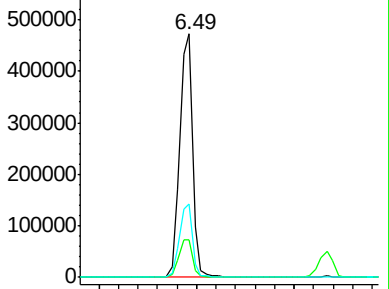
71 30.1 25.4 38.0



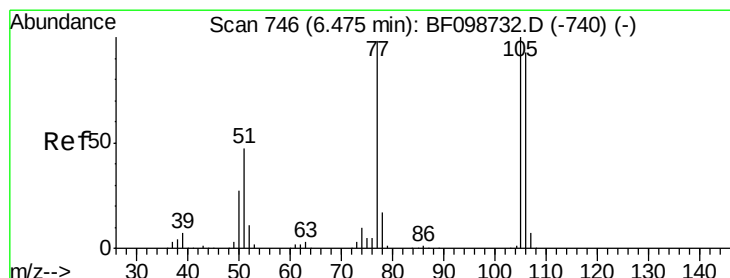
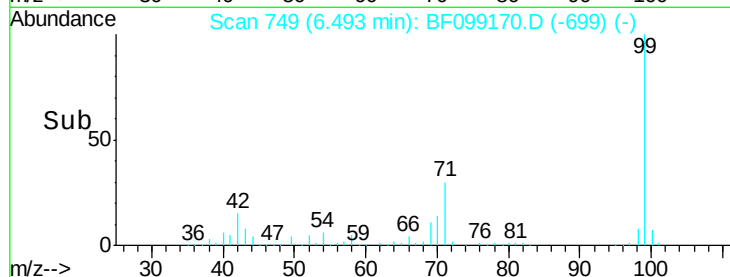
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#9

Benzaldehyde

Concen: 2.98 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099170.D

Acq: 7 Oct 2017 1:51

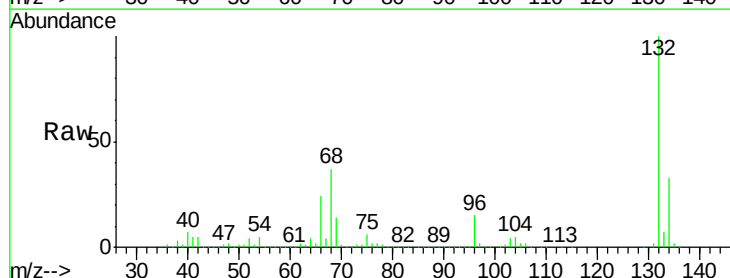
Tgt Ion: 77 Resp: 17595

Ion Ratio Lower Upper

77 100

105 81.9 81.1 121.1

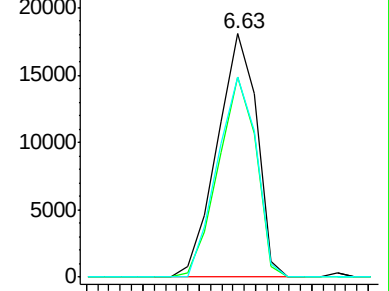
106 82.4 74.5 114.5



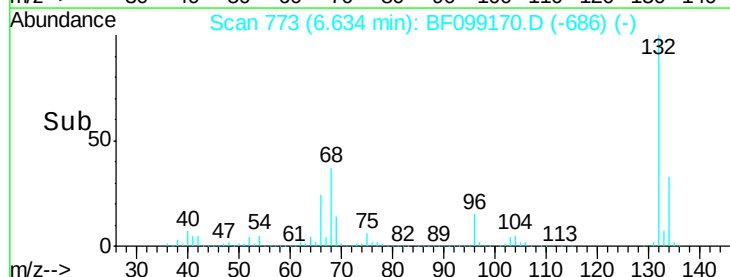
Abundance Ion 77.00 (76.70 to 77.70): BF0

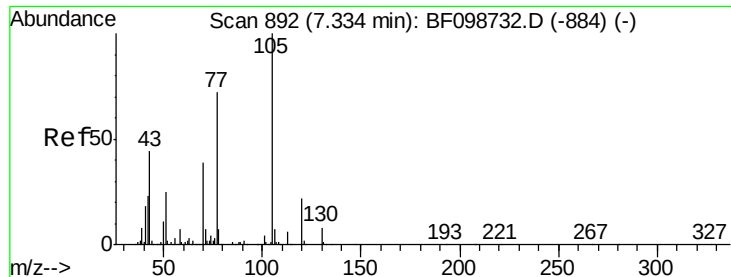
Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



Time-->

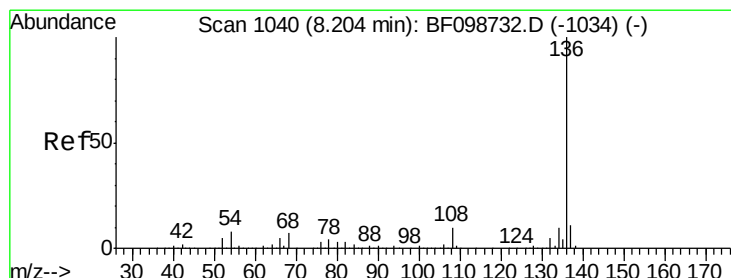
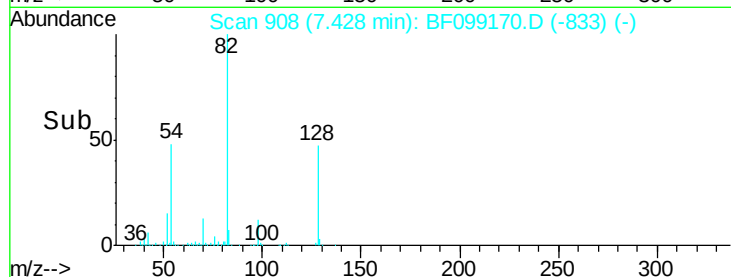
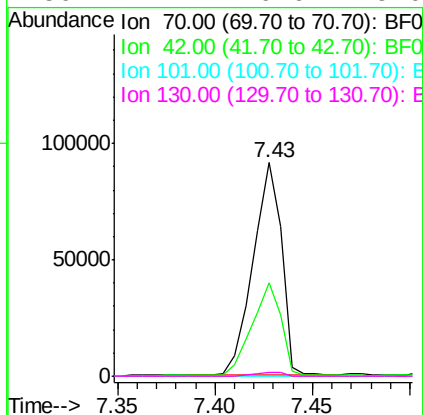
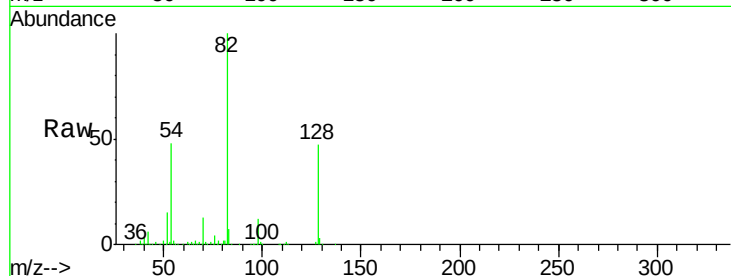




#19
n-Nitroso-di-n-propylamine
Concen: 14.12 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099170.D
Acq: 7 Oct 2017 1:51

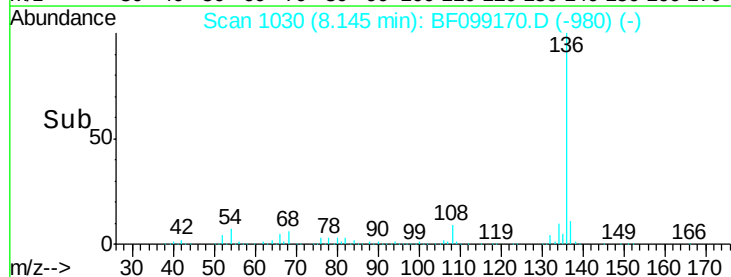
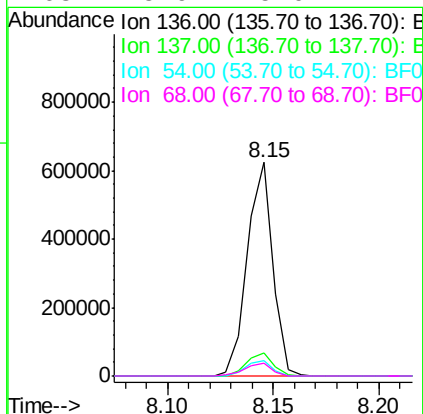
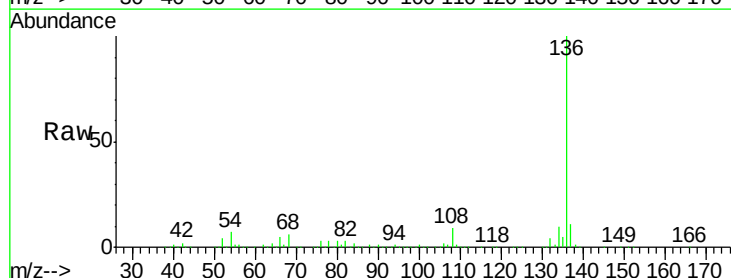
Instrument :
BNA_F
ClientSampleId :

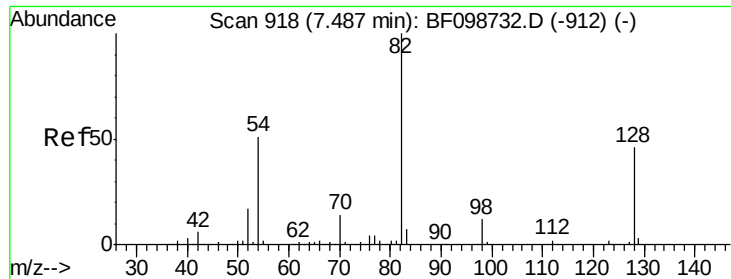
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099170.D
Acq: 7 Oct 2017 1:51

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.3	6.6	9.8
68	5.9	5.0	7.4

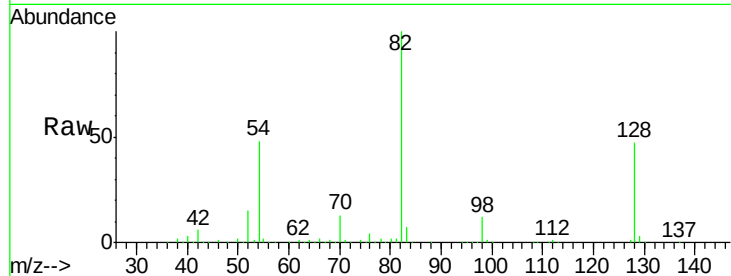




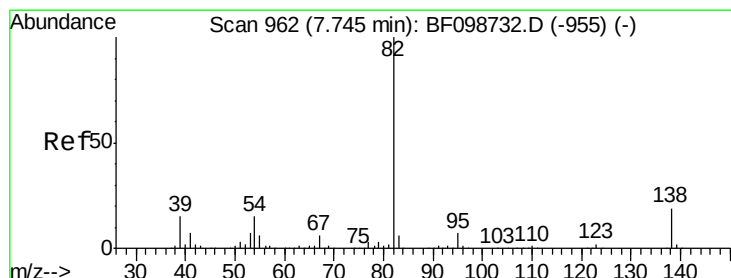
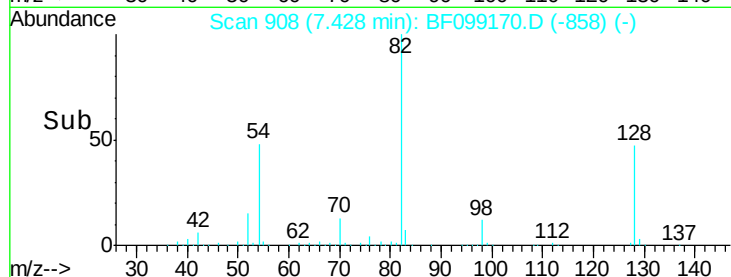
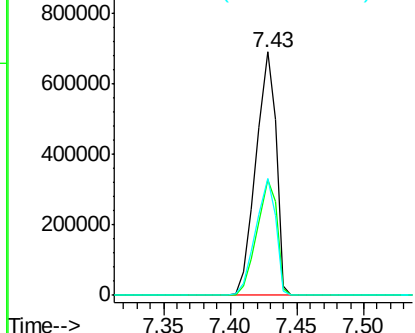
#23
Nitrobenzene-d5
Concen: 87.21 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099170.D
Acq: 7 Oct 2017 1:51

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	713057
Ion Ratio	Lower	Upper	
82	100		
128	47.3	36.1	54.1
54	47.8	41.4	62.2

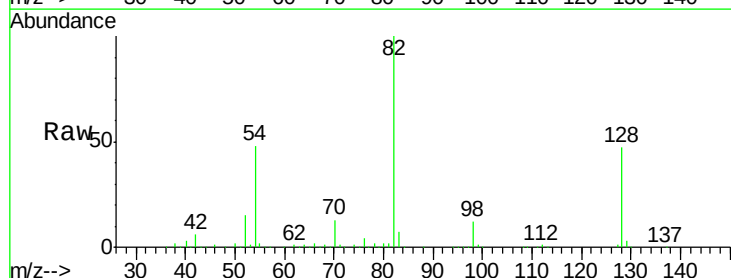


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

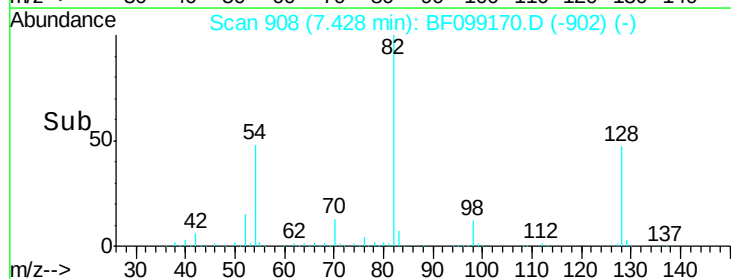
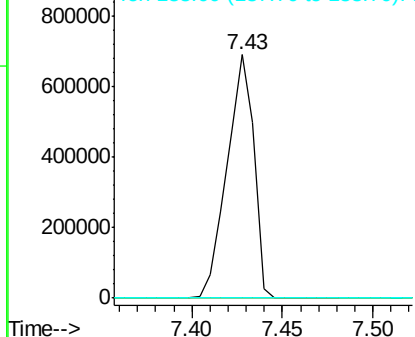


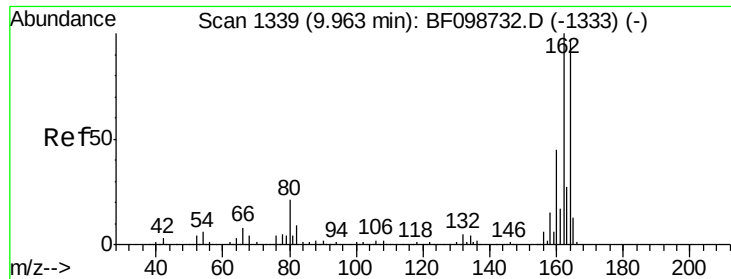
#25
Isophorone
Concen: 42.00 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF099170.D
Acq: 7 Oct 2017 1:51

Tgt Ion	82	Resp	709997
Ion Ratio	Lower	Upper	
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

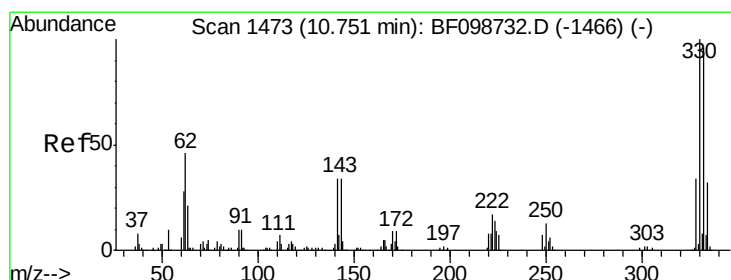
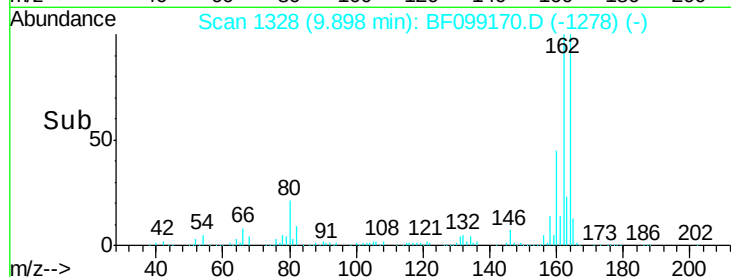
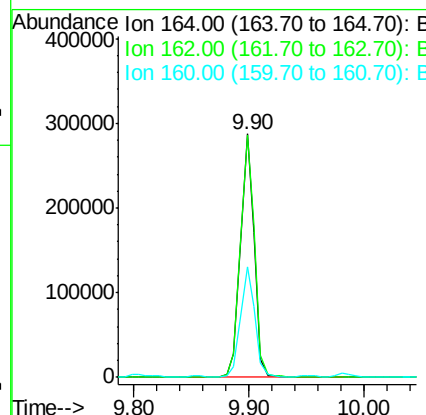
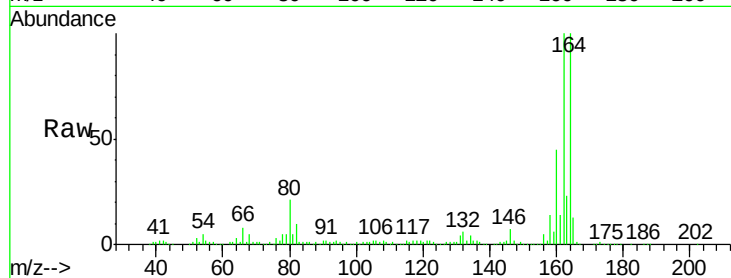




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099170.D
 Acq: 7 Oct 2017 1:51

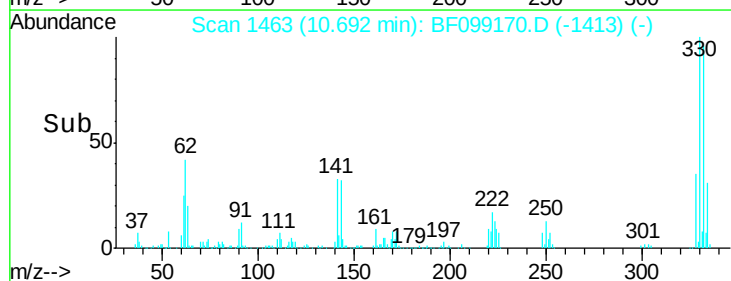
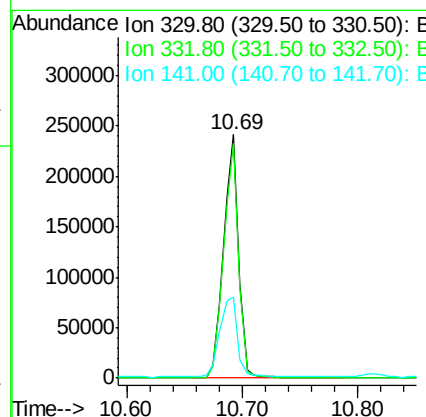
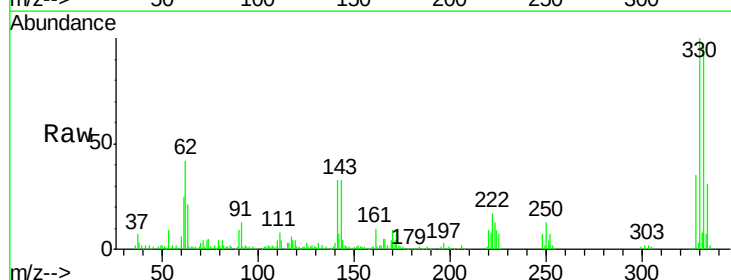
Instrument :
 BNA_F
 ClientSampleId :

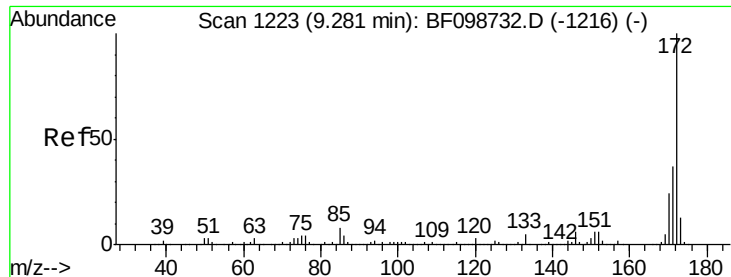
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	86.1	129.1
160	45.3	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 114.83 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099170.D
 Acq: 7 Oct 2017 1:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	38.6	29.9	44.9

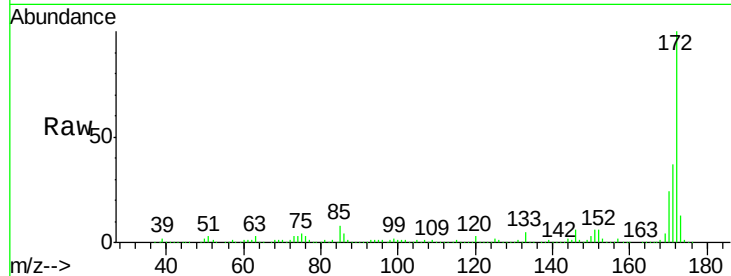




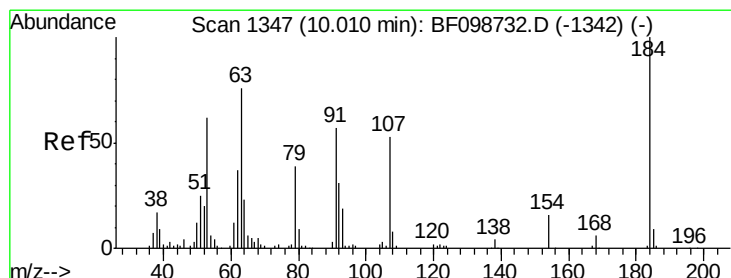
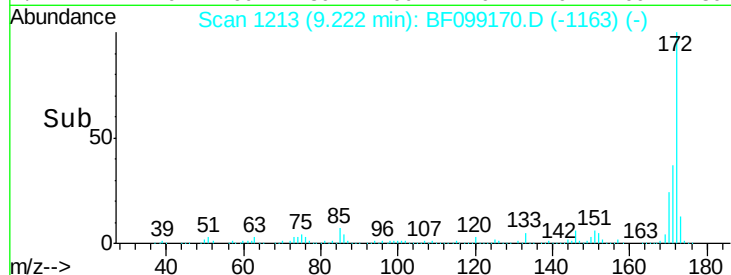
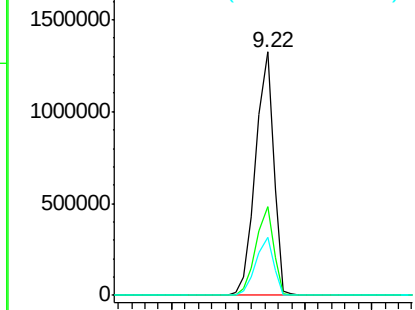
#44
2-Fluorobiphenyl
Concen: 88.11 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099170.D
Acq: 7 Oct 2017 1:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1230312
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 23.9 19.6 29.4

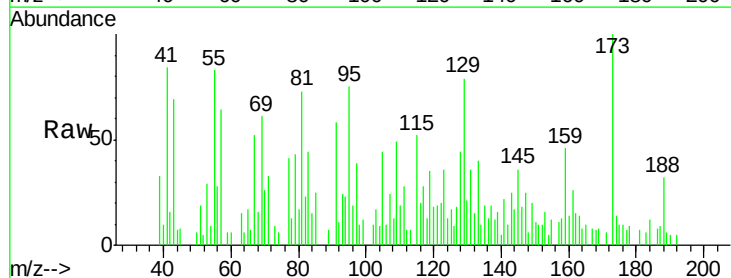


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

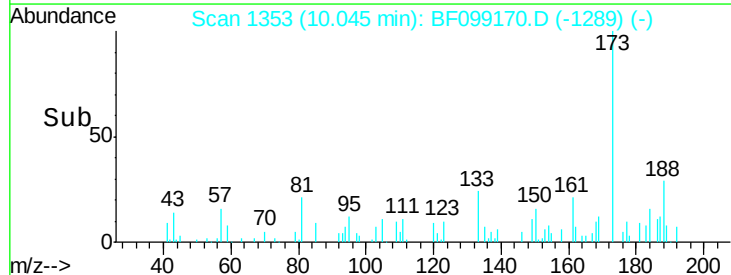
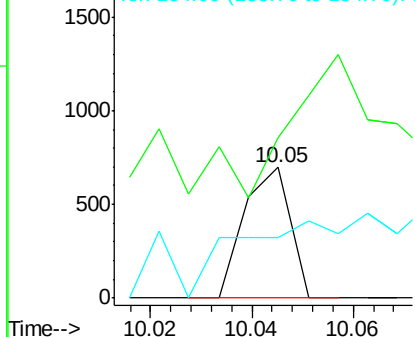


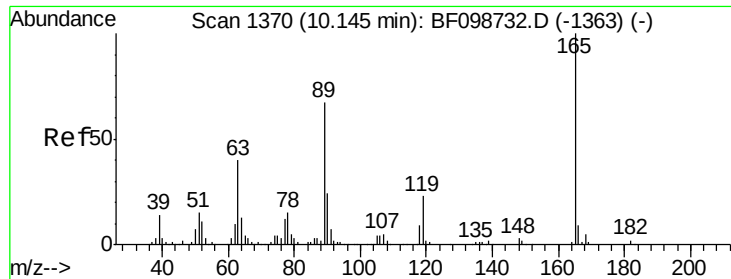
#53
2,4-Dinitrophenol
Concen: 6.03 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.08 min
Lab File: BF099170.D
Acq: 7 Oct 2017 1:51

Tgt Ion:184 Resp: 436
Ion Ratio Lower Upper
184 100
63 123.3 54.2 81.2#
154 46.1 53.5 80.3#



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

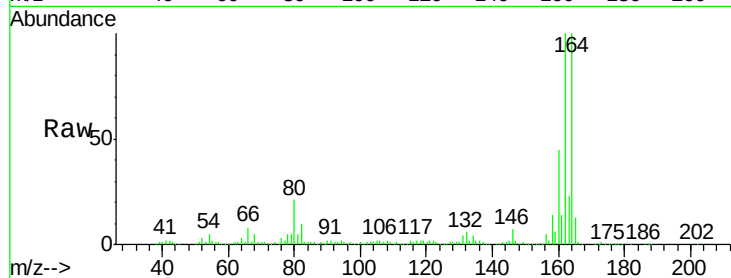




#56
 2,4-Dinitrotoluene
 Concen: 6.74 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099170.D
 Acq: 7 Oct 2017 1:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	5.2	36.4	54.6#
89	2.8	57.8	86.6#
182	0.8	1.6	2.4#

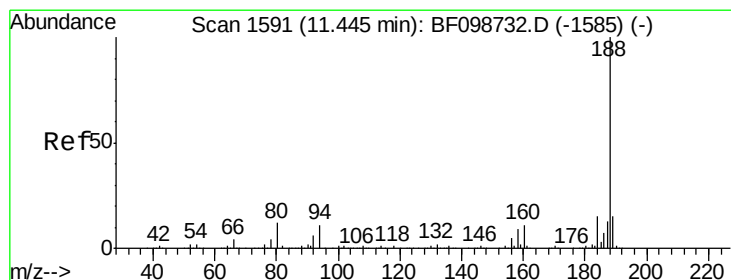
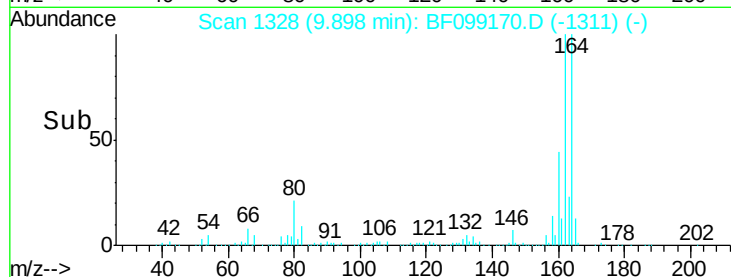
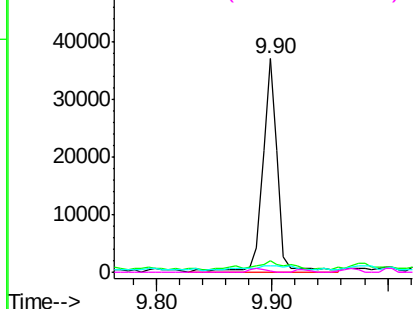


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

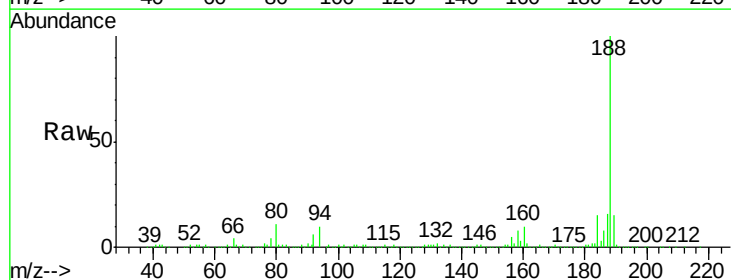
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099170.D
 Acq: 7 Oct 2017 1:51

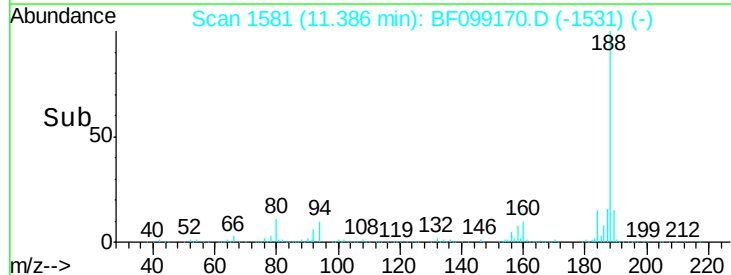
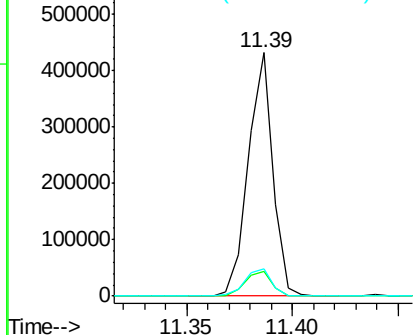
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.1	9.2	13.8

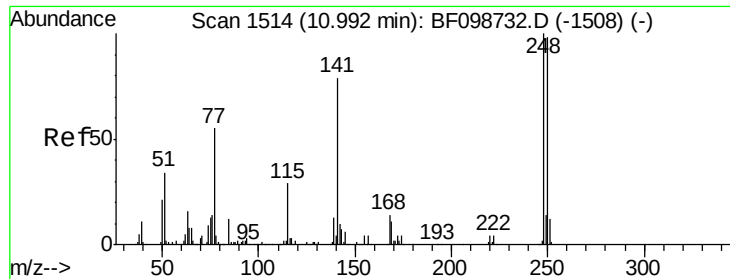


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

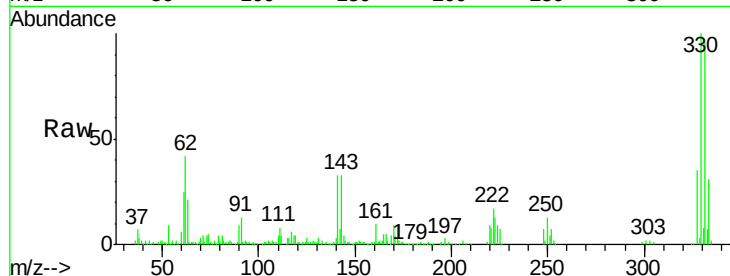




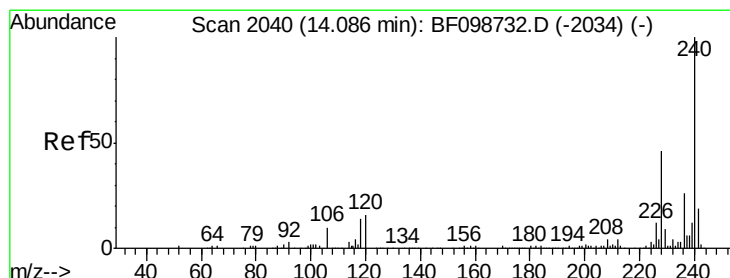
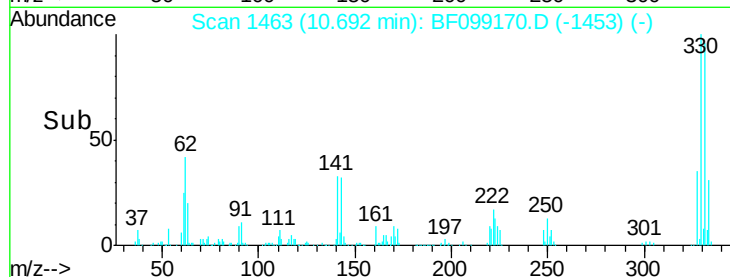
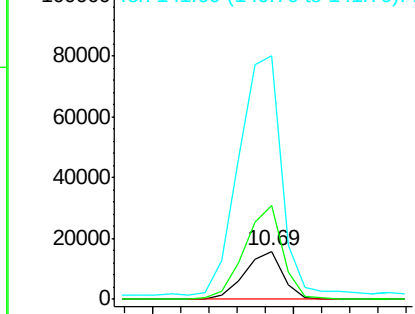
#66
4-Bromophenyl-phenylether
Concen: 4.33 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099170.D
Acq: 7 Oct 2017 1:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 14767
Ion Ratio Lower Upper
248 100
250 195.4 76.9 115.3#
141 504.2 74.4 111.6#

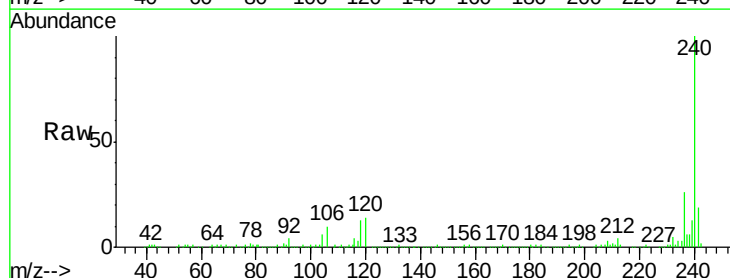


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

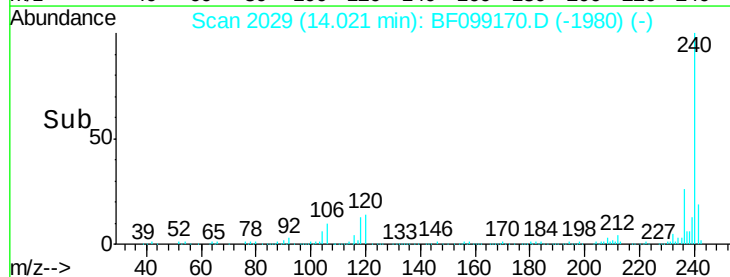
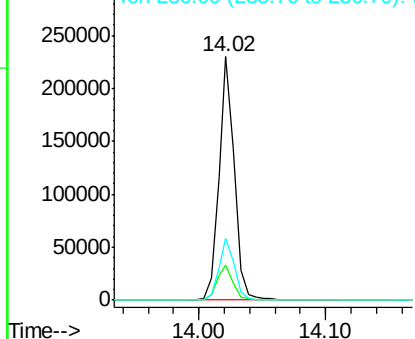


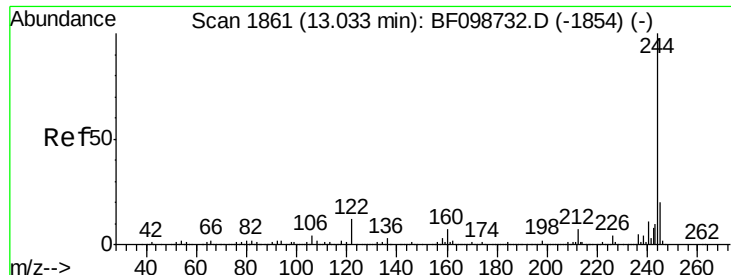
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099170.D
Acq: 7 Oct 2017 1:51

Tgt Ion:240 Resp: 195960
Ion Ratio Lower Upper
240 100
120 14.2 9.5 14.3
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

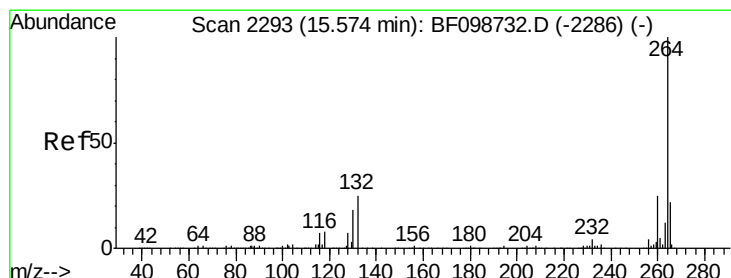
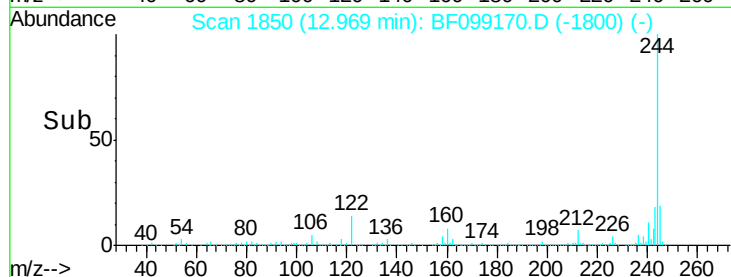
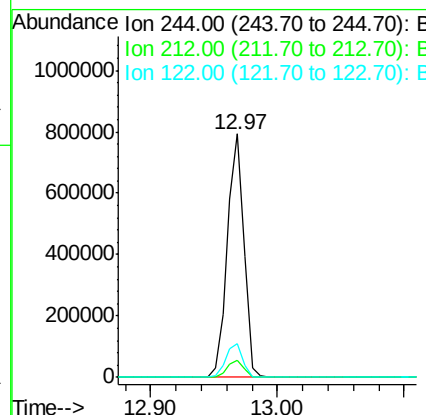
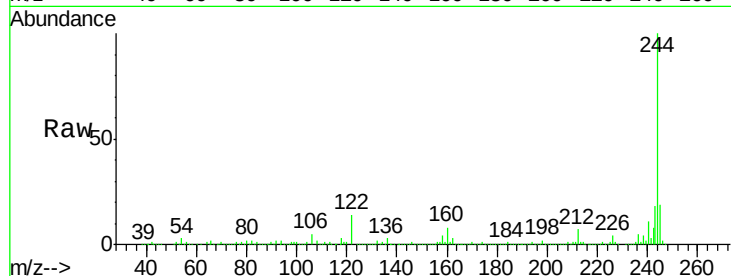




#78
 Terphenyl-d14
 Concen: 84.28 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099170.D
 Acq: 7 Oct 2017 1:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 726240
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF099170.D
 Acq: 7 Oct 2017 1:51

Tgt Ion:264 Resp: 223421
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.5 17.5 26.3

