

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099318.D
 Acq On : 10 Oct 2017 23:44
 Operator : SJ/JU
 Sample : I5691-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 00:54:27 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

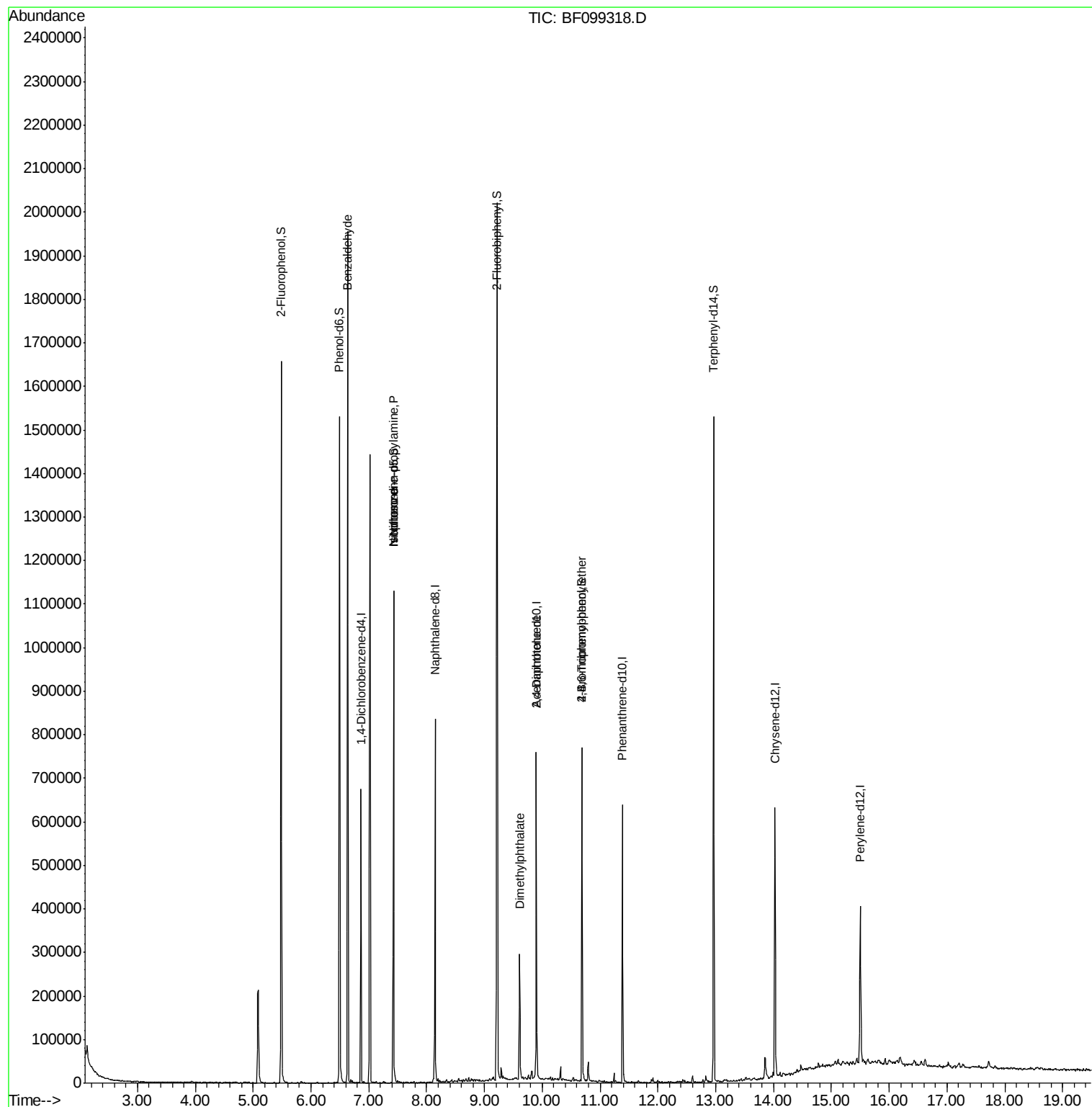
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	92512	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	355454	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	140447	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	207204	20.00	ng	0.00
75) Chrysene-d12	14.03	240	197703	20.00	ng	0.00
86) Perylene-d12	15.50	264	152457	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	506107	87.09	ng	0.00
7) Phenol-d6	6.49	99	606607	84.61	ng	0.00
23) Nitrobenzene-d5	7.43	82	341348	61.59	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	85029	73.99	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	636107	75.61	ng	-0.01
78) Terphenyl-d14	12.97	244	469225	53.98	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	9707	2.33	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.43	70	43606	9.53	ng	# 73
25) Isophorone	7.43	82	341344	29.79	ng	# 64
49) Dimethylphthalate	9.61	163	111353	10.50	ng	100
56) 2,4-Dinitrotoluene	9.90	165	18278	6.10	ng	# 22
66) 4-Bromophenyl-phenylether	10.69	248	5625	2.77	ng	# 1

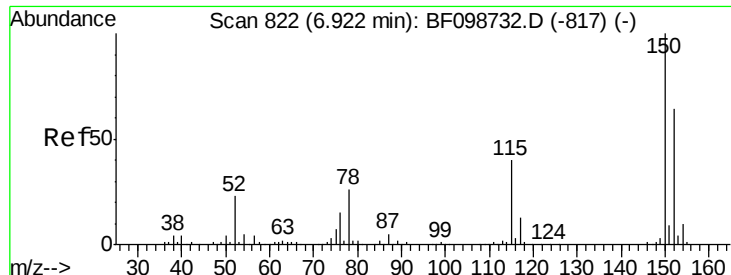
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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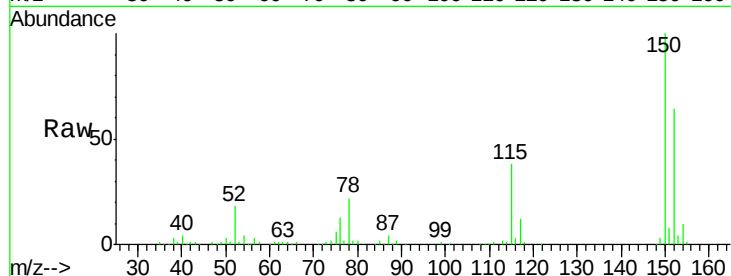


#1

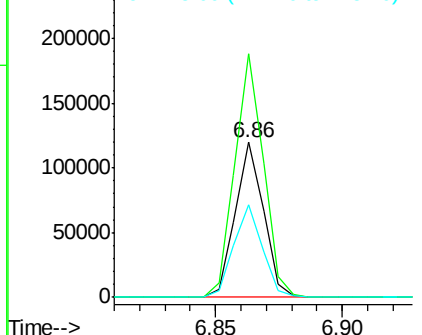
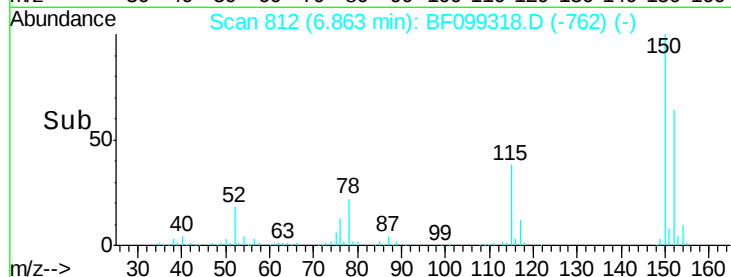
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099318.D
Acq: 10 Oct 2017 23:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 92512
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 60.1 50.1 75.1



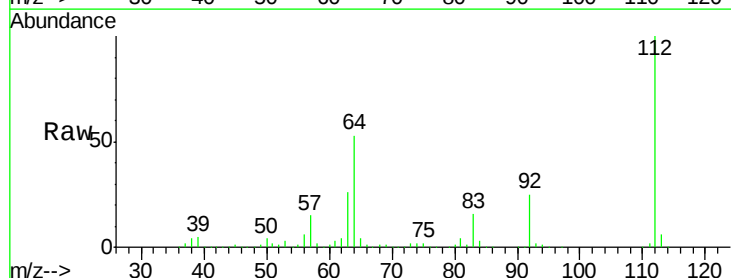
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



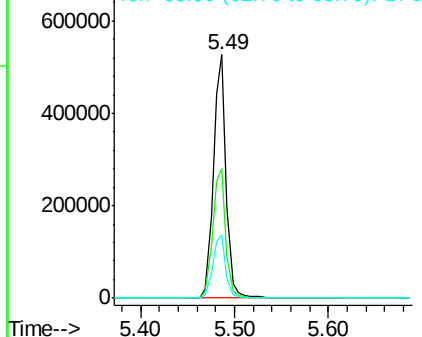
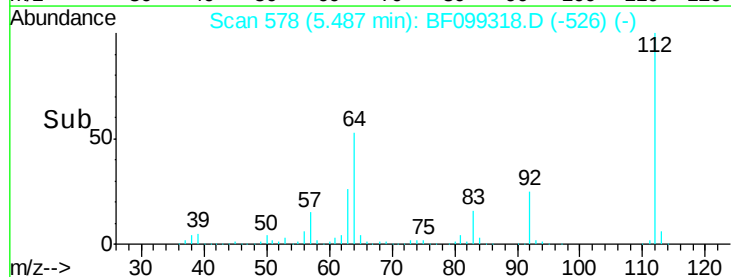
#5

2-Fluorophenol
Concen: 87.09 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099318.D
Acq: 10 Oct 2017 23:44

Tgt Ion:112 Resp: 506107
Ion Ratio Lower Upper
112 100
64 53.4 47.9 71.9
63 25.7 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: 84.61 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099318.D

Acq: 10 Oct 2017 23:44

Instrument :

BNA_F

ClientSampleId :

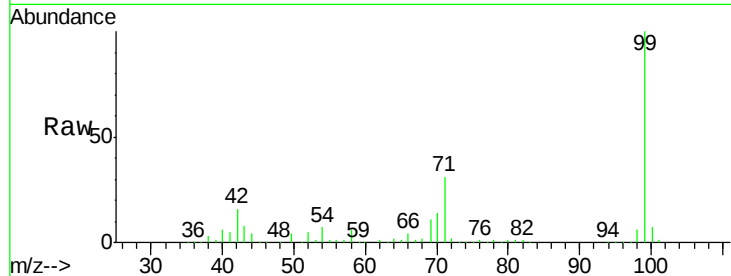
Tot Ion: 99 Resp: 606607

Ion Ratio Lower Upper

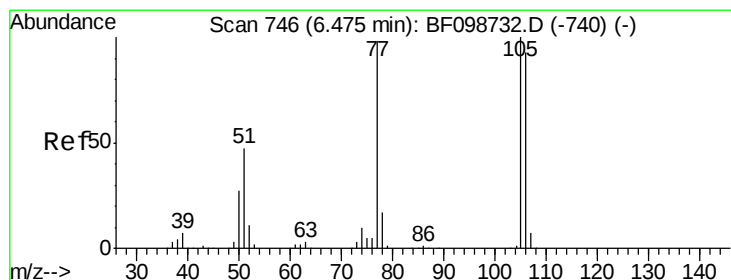
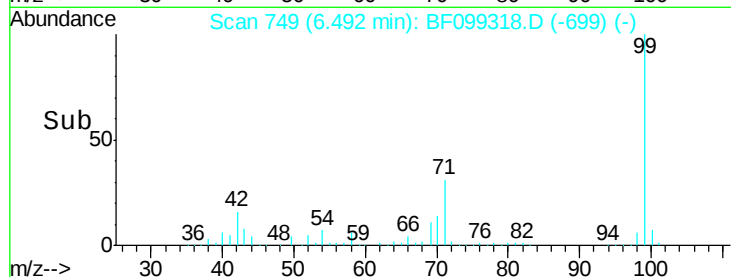
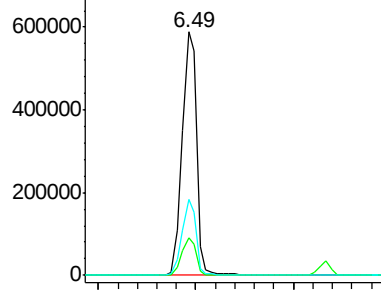
99 100

42 15.6 14.5 21.7

71 31.0 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



#9

Benzaldehyde

Concen: 2.33 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099318.D

Acq: 10 Oct 2017 23:44

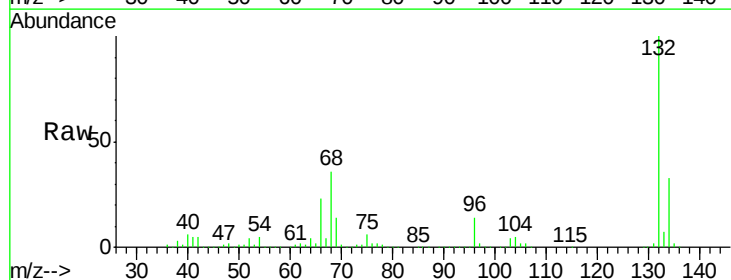
Tgt Ion: 77 Resp: 9707

Ion Ratio Lower Upper

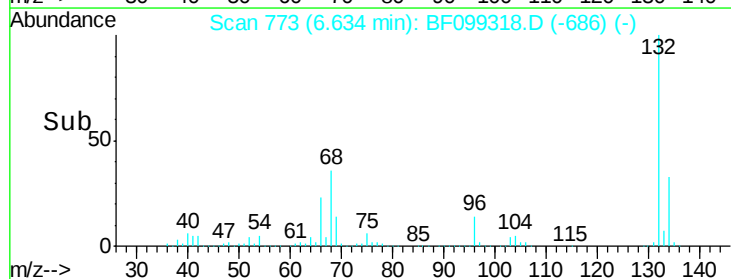
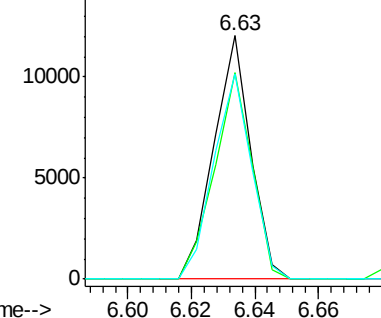
77 100

105 84.9 81.1 121.1

106 84.1 74.5 114.5



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

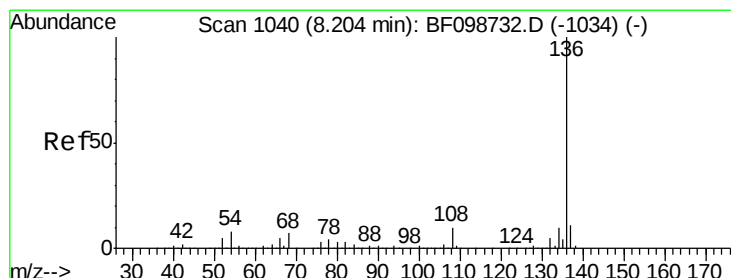
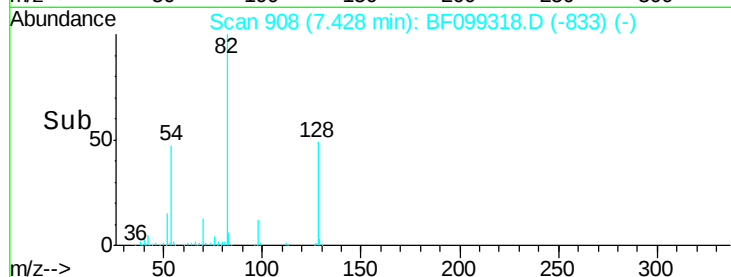
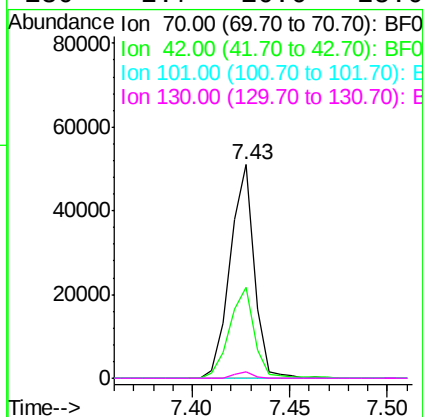
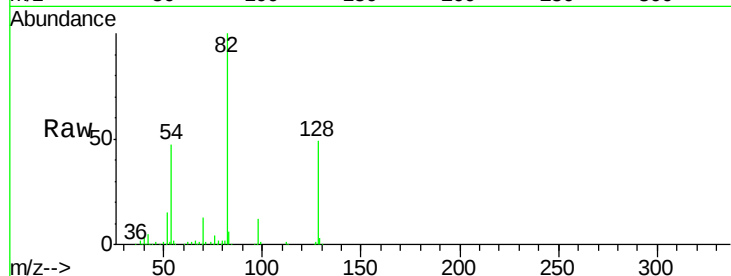




#19
n-Nitroso-di-n-propylamine
Concen: 9.53 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099318.D
Acq: 10 Oct 2017 23:44

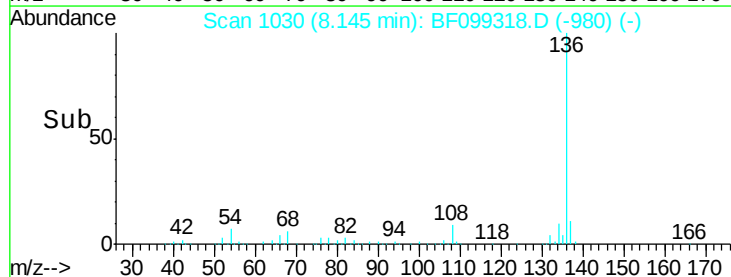
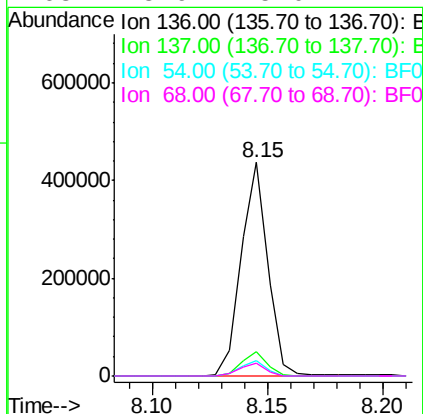
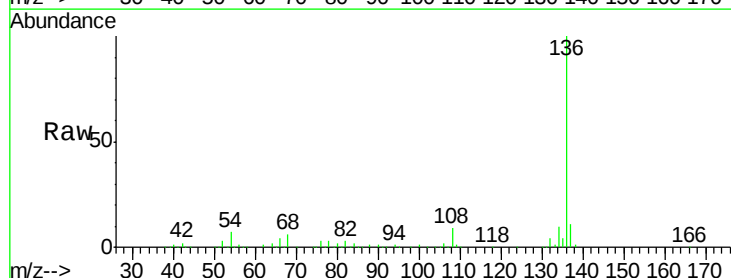
Instrument :
BNA_F
ClientSampleId :

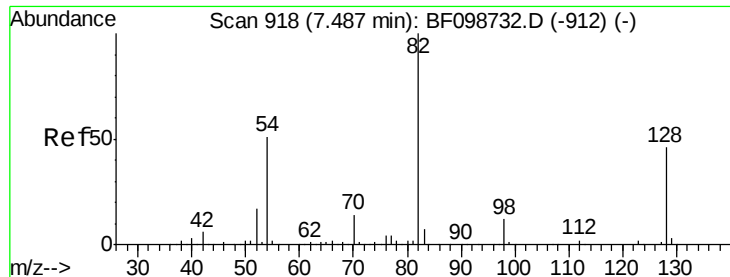
Tot Ion	Ratio	Lower	Upper
70	100		
42	42.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099318.D
Acq: 10 Oct 2017 23:44

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.0	6.6	9.8
68	5.9	5.0	7.4

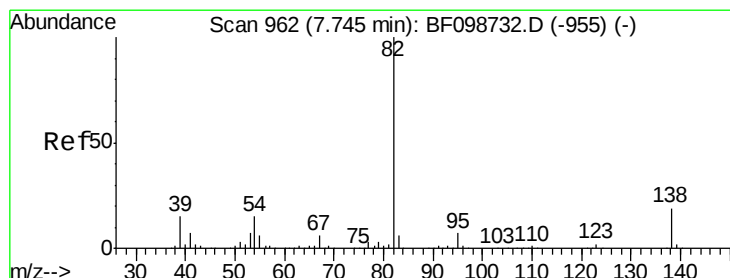
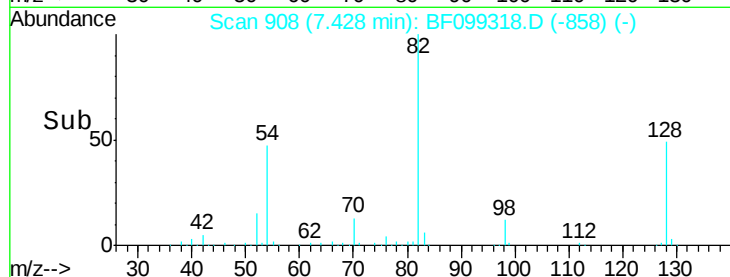
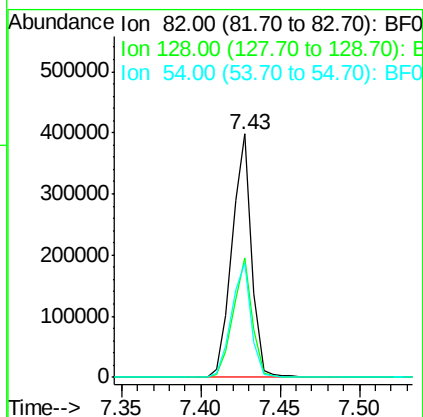
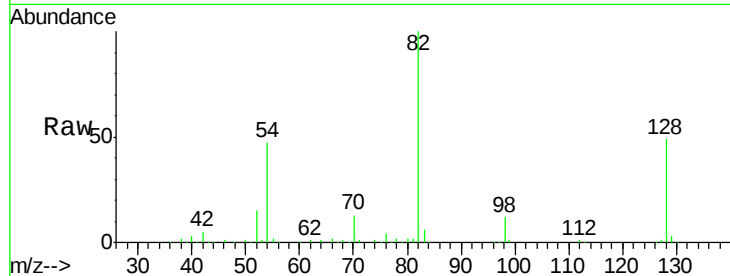




#23
Nitrobenzene-d5
Concen: 61.59 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099318.D
Acq: 10 Oct 2017 23:44

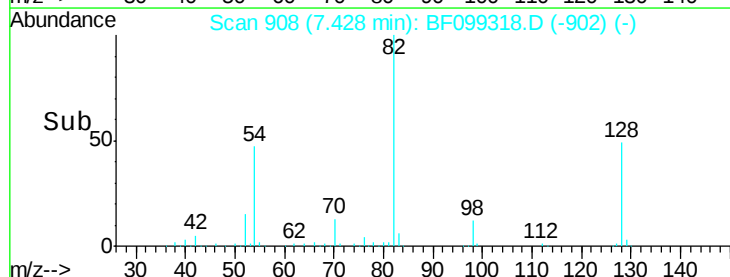
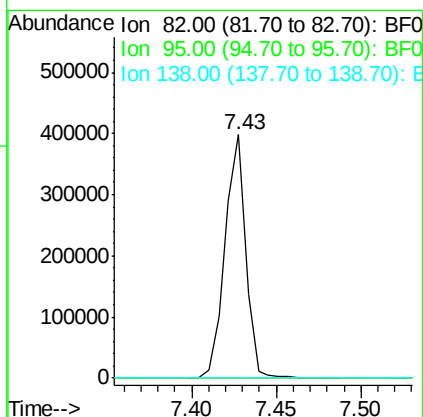
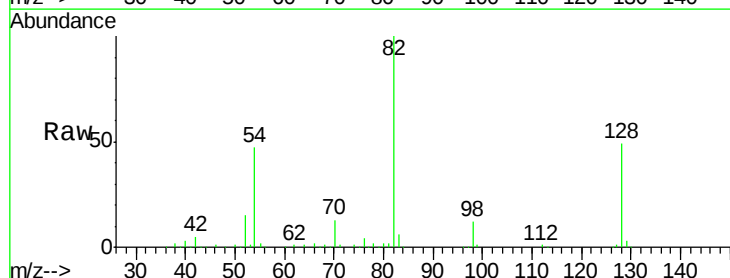
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 341348
Ion Ratio Lower Upper
82 100
128 49.1 36.1 54.1
54 46.8 41.4 62.2



#25
Isophorone
Concen: 29.79 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF099318.D
Acq: 10 Oct 2017 23:44

Tgt Ion: 82 Resp: 341344
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099318.D

Acq: 10 Oct 2017 23:44

Instrument :

BNA_F

ClientSampleId :

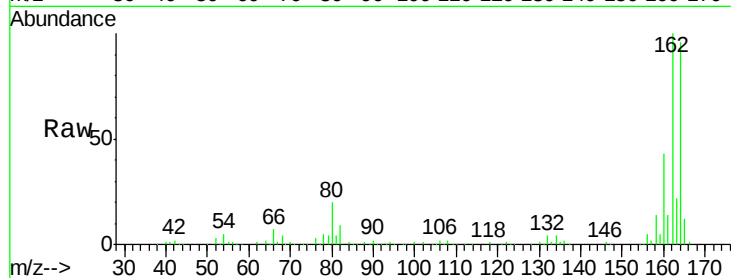
Tot Ion:164 Resp: 140447

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

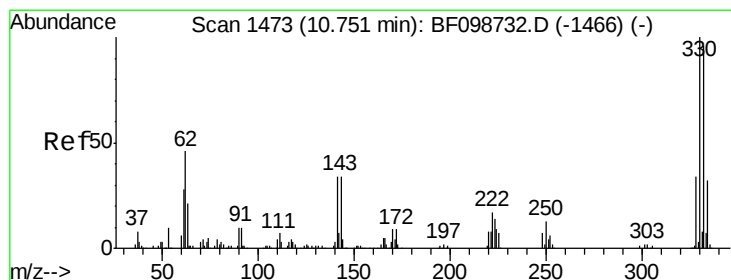
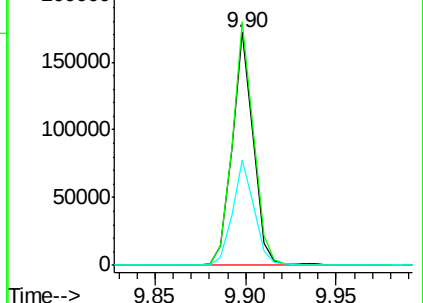
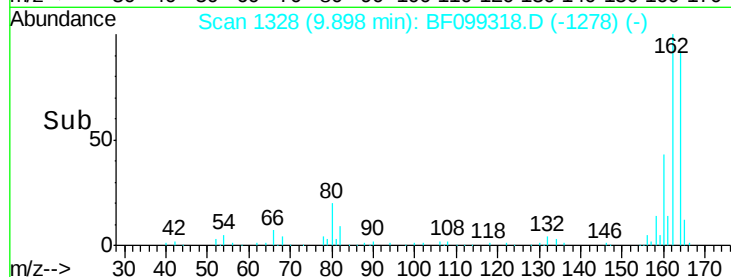
160 45.2 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 73.99 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF099318.D

Acq: 10 Oct 2017 23:44

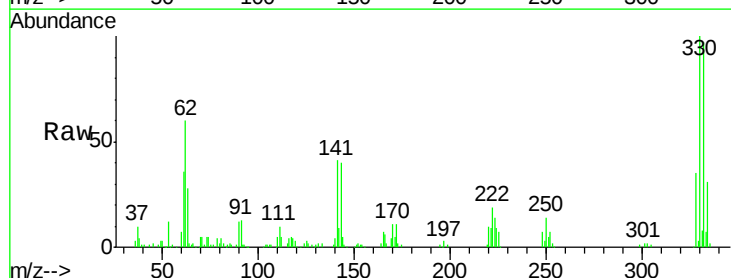
Tgt Ion:330 Resp: 85029

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

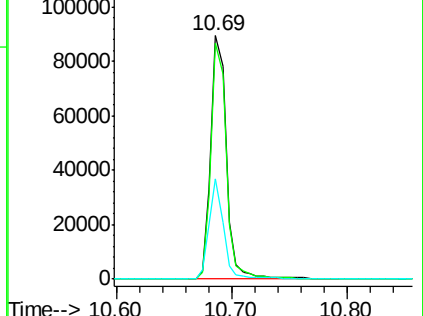
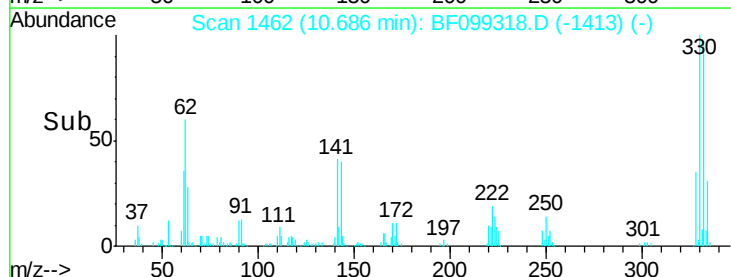
141 38.6 29.9 44.9



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

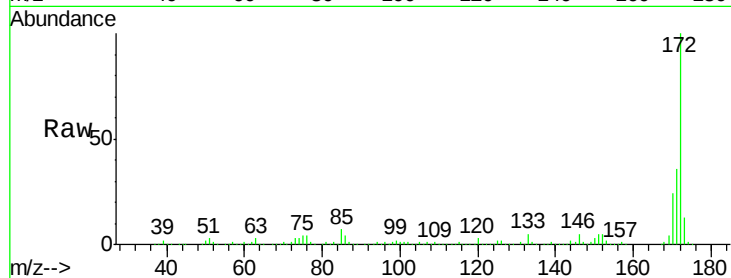




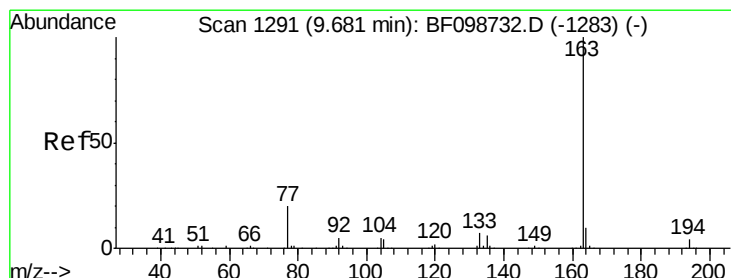
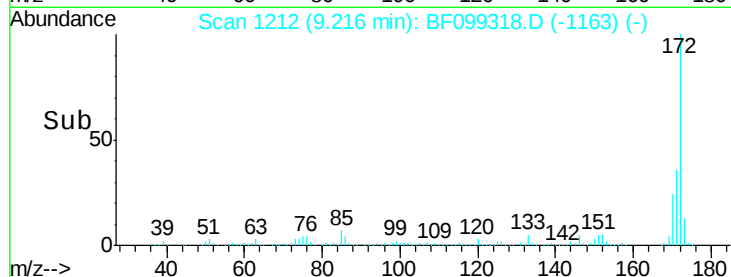
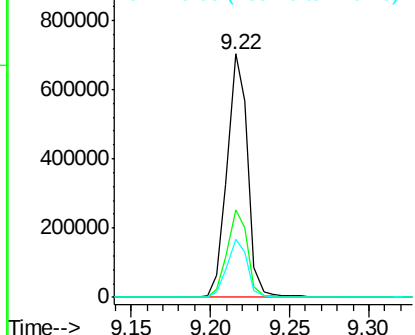
#44
2-Fluorobiphenyl
Concen: 75.61 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF099318.D
Acq: 10 Oct 2017 23:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 636107
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.7 19.6 29.4

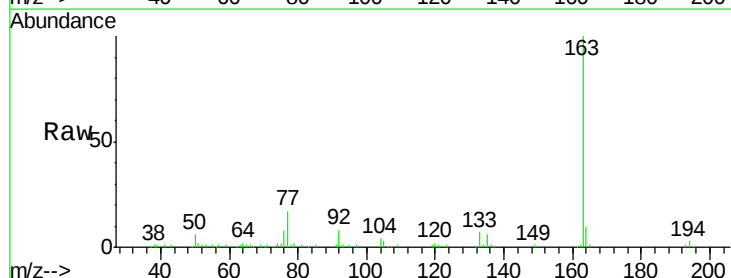


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

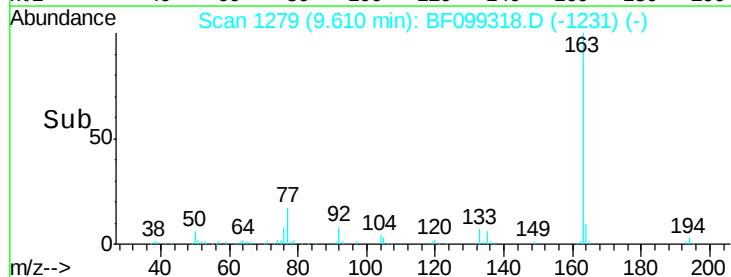
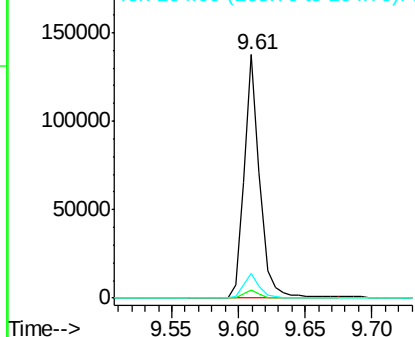


#49
Dimethylphthalate
Concen: 10.50 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099318.D
Acq: 10 Oct 2017 23:44

Tgt Ion:163 Resp: 111353
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.2 8.2 12.2



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

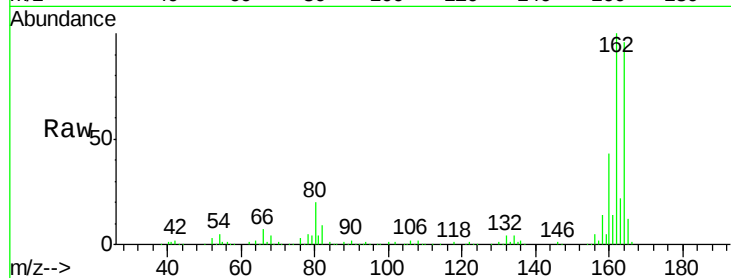




#56
2,4-Dinitrotoluene
Concen: 6.10 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF099318.D
Acq: 10 Oct 2017 23:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

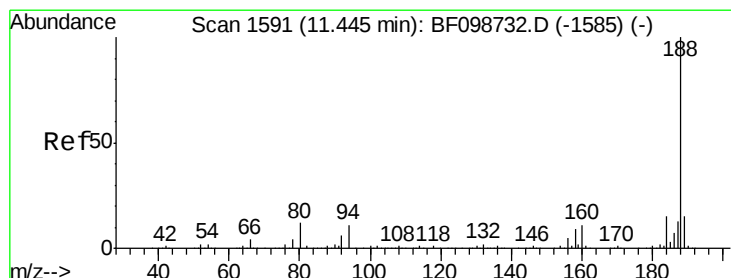
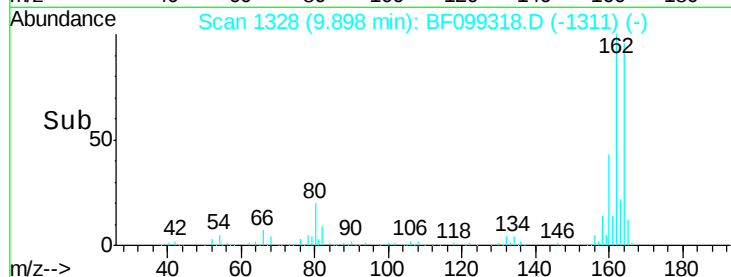
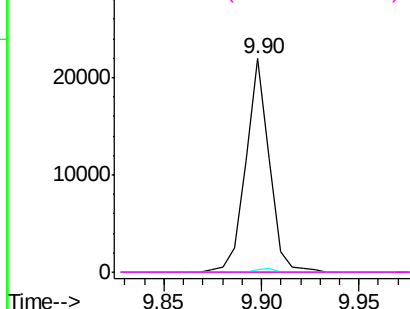


Abundance Ion 165.00 (164.70 to 165.70): E

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



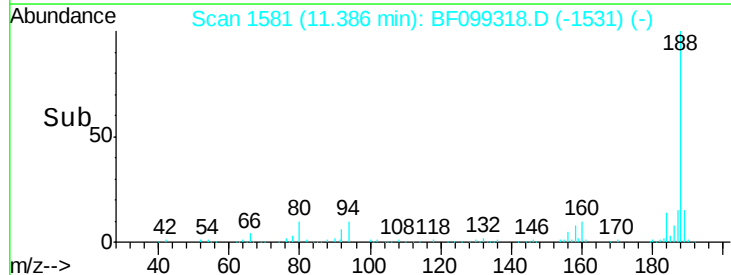
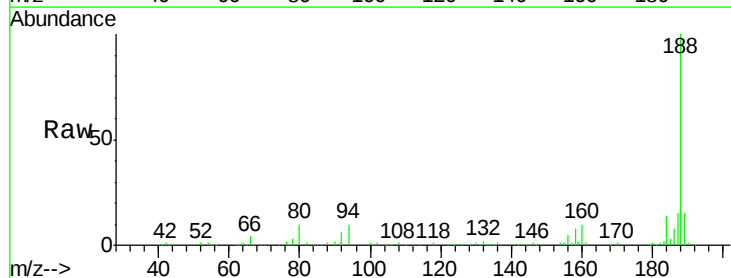
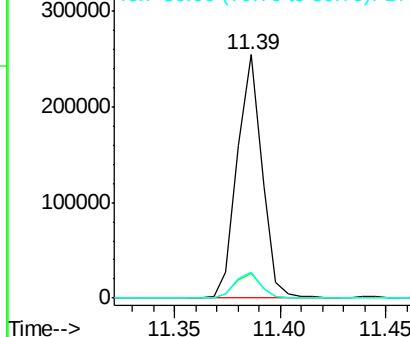
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099318.D
Acq: 10 Oct 2017 23:44

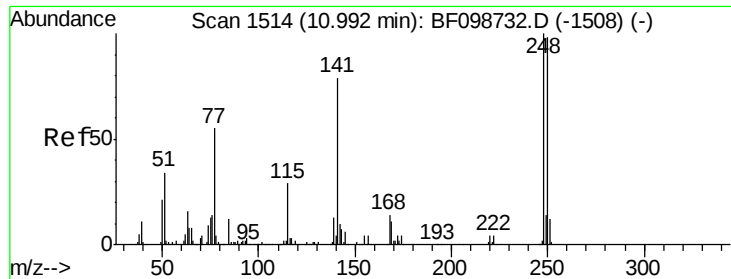
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.5	9.2	13.8

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

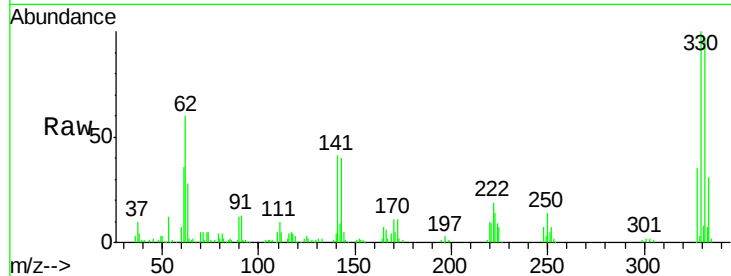




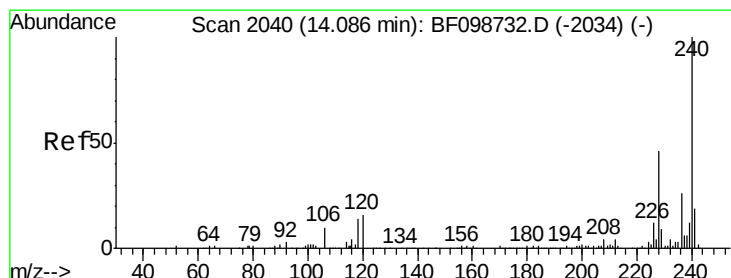
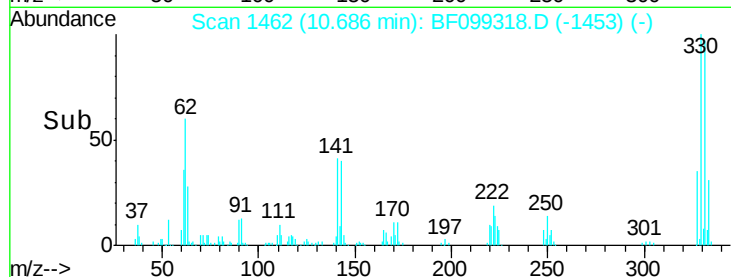
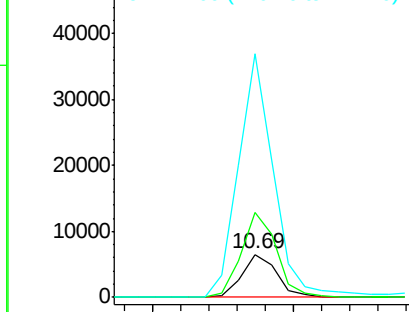
#66
4-Bromophenyl-phenylether
Concen: 2.77 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.25 min
Lab File: BF099318.D
Acq: 10 Oct 2017 23:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5625
Ion Ratio Lower Upper
248 100
250 198.8 76.9 115.3#
141 569.0 74.4 111.6#

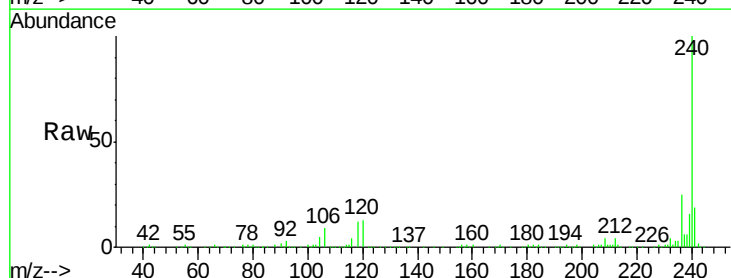


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

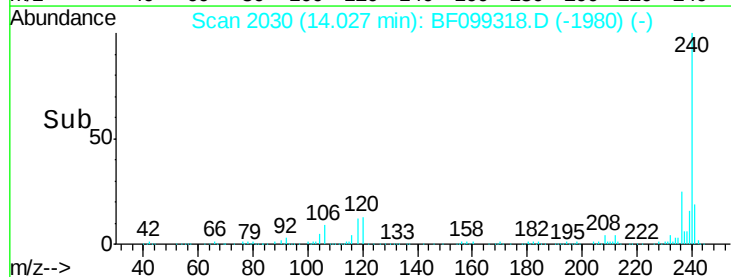
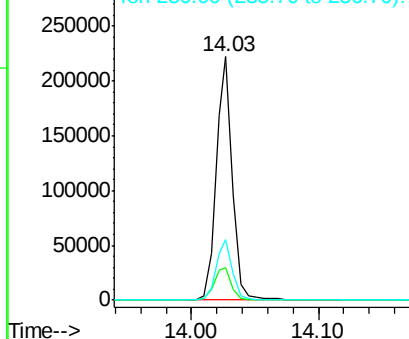


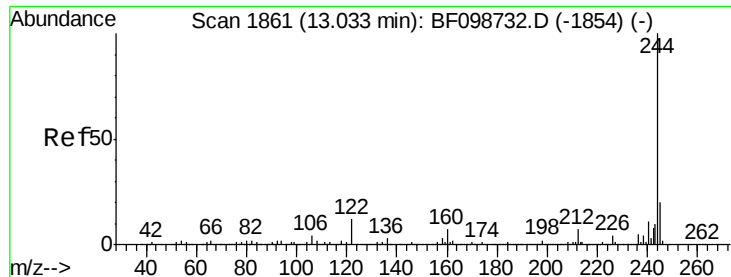
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099318.D
Acq: 10 Oct 2017 23:44

Tgt Ion:240 Resp: 197703
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 24.8 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: 53.98 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099318.D

Acq: 10 Oct 2017 23:44

Instrument :

BNA_F

ClientSampleId :

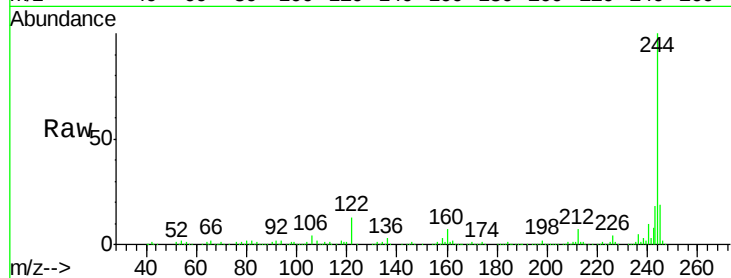
Tot Ion:244 Resp: 469225

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

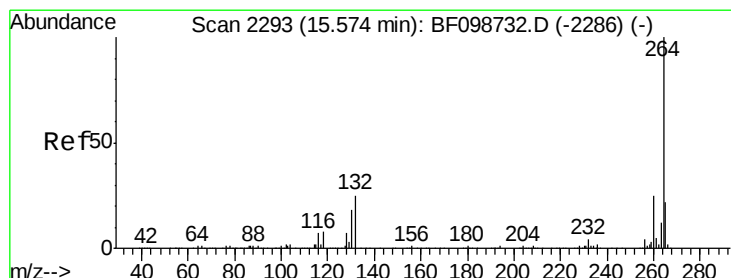
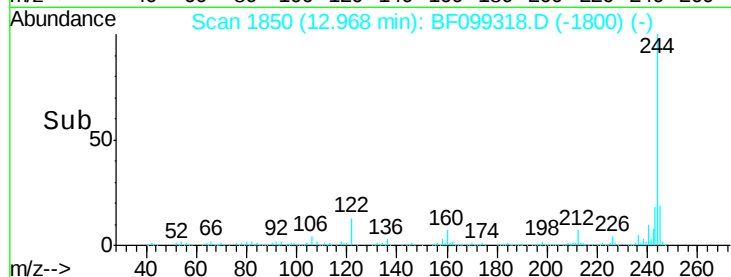
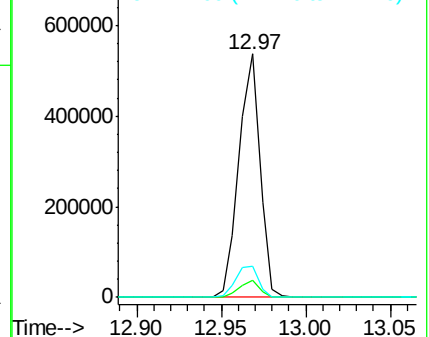
122 12.8 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BF099318.D

Acq: 10 Oct 2017 23:44

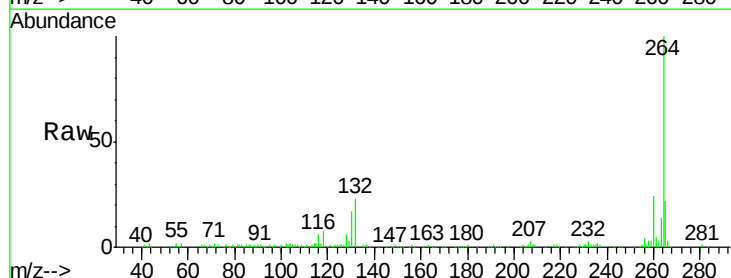
Tgt Ion:264 Resp: 152457

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.1 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

