

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099271.D
 Acq On : 9 Oct 2017 19:19
 Operator : SJ/JU
 Sample : I5651-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

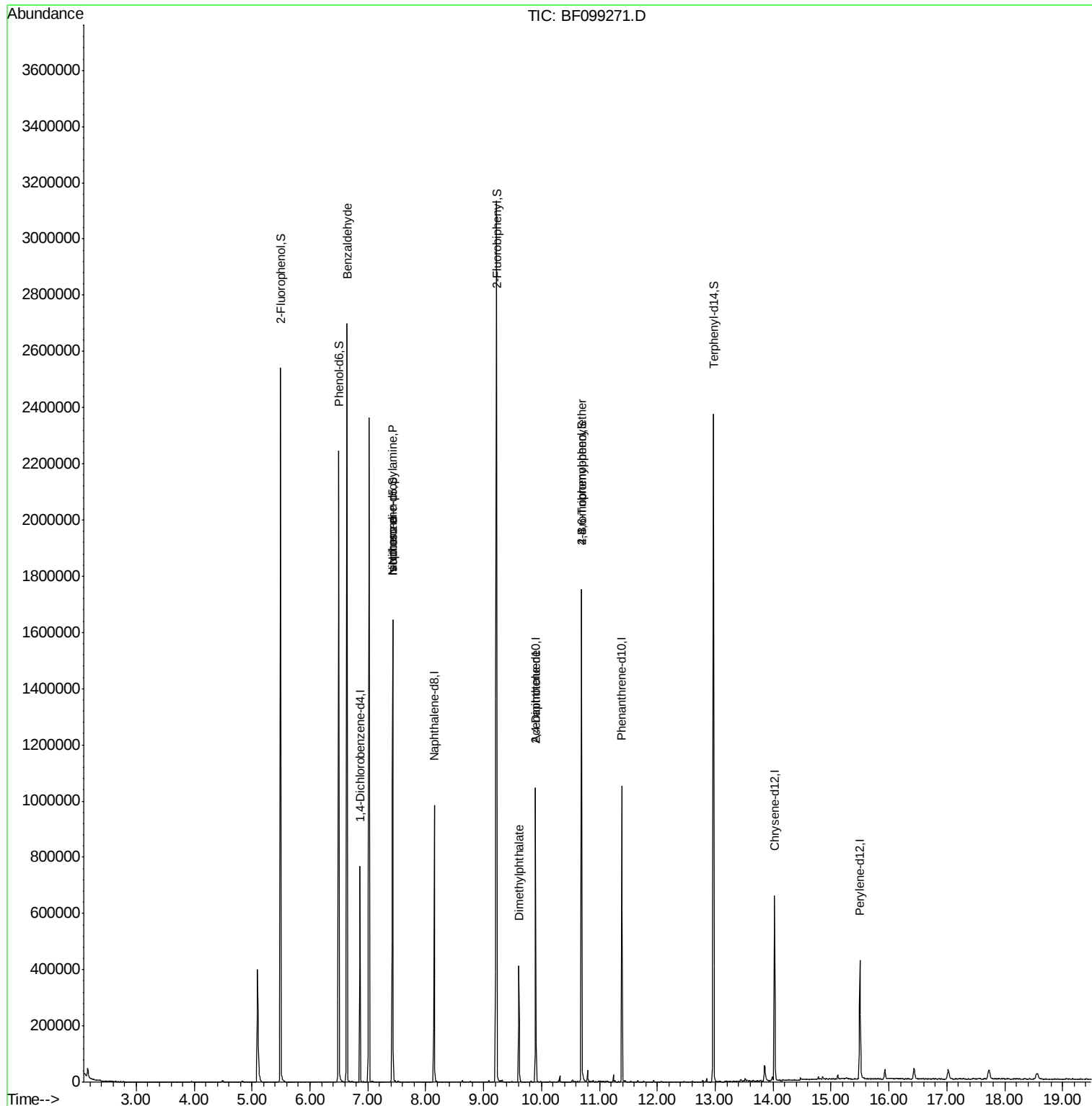
Quant Time: Oct 10 01:12:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	104242	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	439855	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	201623	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	352877	20.00	ng	0.00
75) Chrysene-d12	14.03	240	214401	20.00	ng	0.00
86) Perylene-d12	15.50	264	191055	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	825646	126.09	ng	0.01
7) Phenol-d6	6.50	99	1011703	125.24	ng	0.00
23) Nitrobenzene-d5	7.43	82	599653	87.43	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	223652	135.56	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1074666	88.98	ng	0.00
78) Terphenyl-d14	12.97	244	869075	92.18	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.63	77	15889	3.39	ng	84
19) n-Nitroso-di-n-propylamine	7.43	70	77064	14.94	ng	# 75
25) Isophorone	7.43	82	599647	42.29	ng	# 64
49) Dimethylphthalate	9.61	163	157653	10.36	ng	99
56) 2,4-Dinitrotoluene	9.90	165	26076	6.06	ng	# 22
66) 4-Bromophenyl-phenylether	10.69	248	15021	4.35	ng	# 1

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

```
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Sample    : I5651-04  
Misc      :  
ALS Vial  : 14 Sample Multiplier: 1
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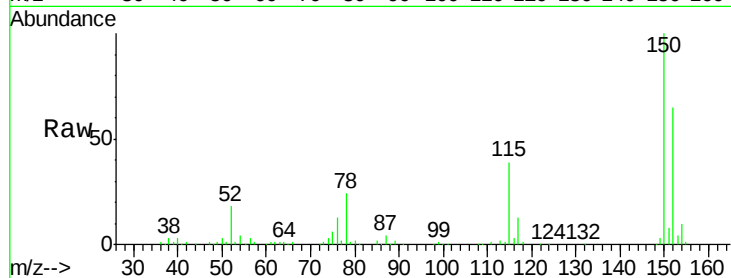


#1

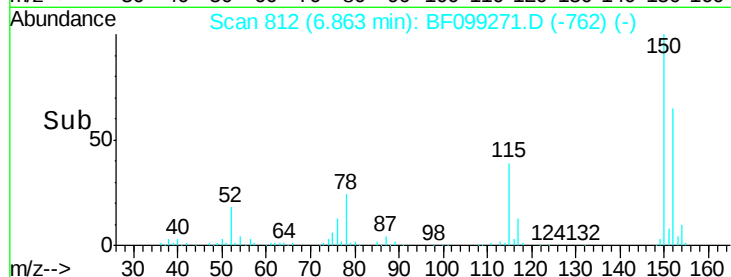
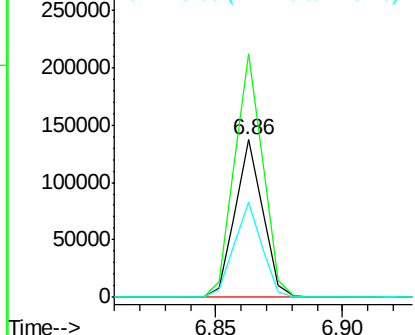
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099271.D
Acq: 9 Oct 2017 19:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 104242
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 60.2 50.1 75.1



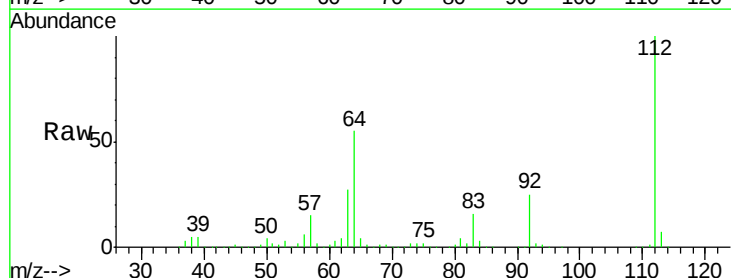
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



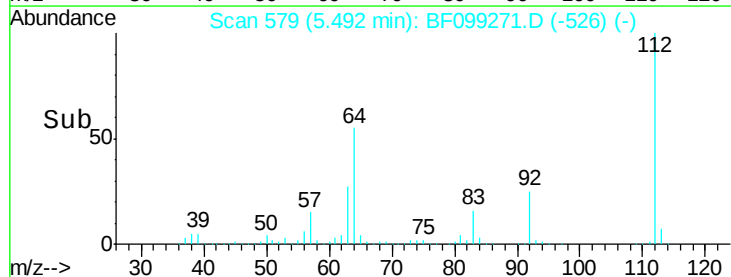
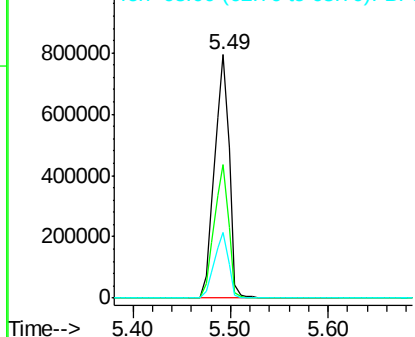
#5

2-Fluorophenol
Concen: 126.09 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099271.D
Acq: 9 Oct 2017 19:19

Tgt Ion:112 Resp: 825646
Ion Ratio Lower Upper
112 100
64 55.0 47.9 71.9
63 26.8 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: 125.24 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099271.D

Acq: 9 Oct 2017 19:19

Instrument :

BNA_F

ClientSampled :

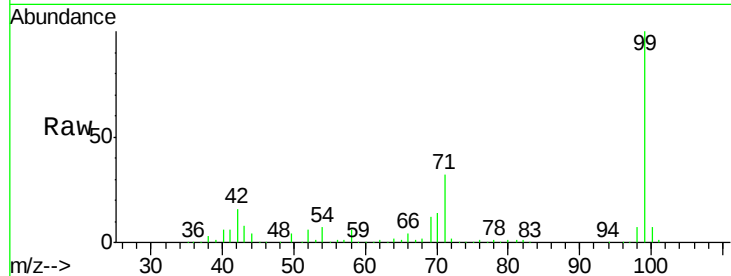
Tot Ion: 99 Resp: 1011703

Ion Ratio Lower Upper

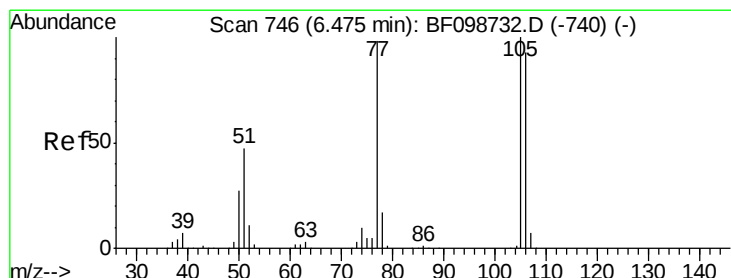
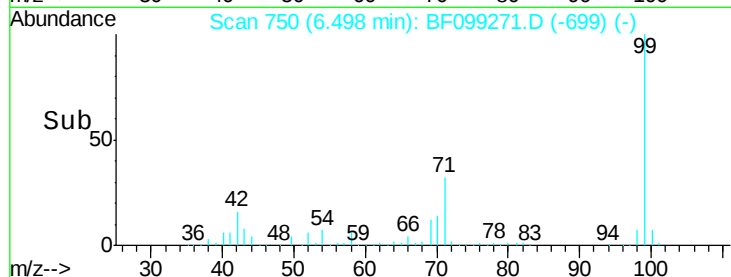
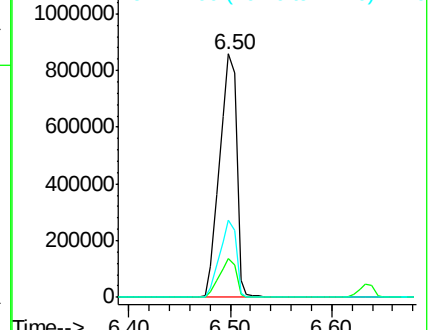
99 100

42 15.7 14.5 21.7

71 31.5 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: 3.39 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099271.D

Acq: 9 Oct 2017 19:19

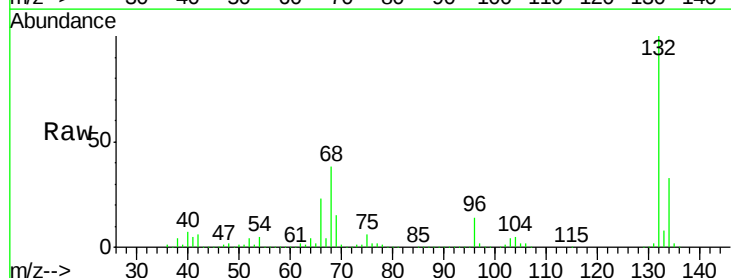
Tgt Ion: 77 Resp: 15889

Ion Ratio Lower Upper

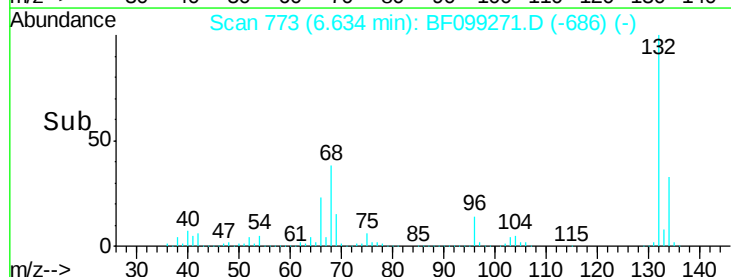
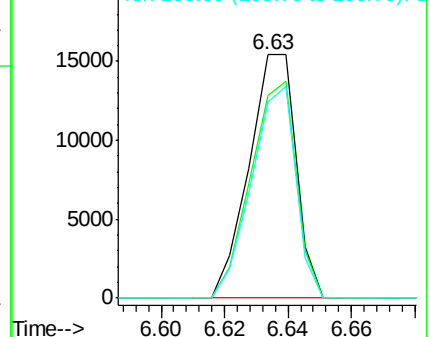
77 100

105 83.1 81.1 121.1

106 80.5 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: 14.94 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF099271.D

Acq: 9 Oct 2017 19:19

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 77064

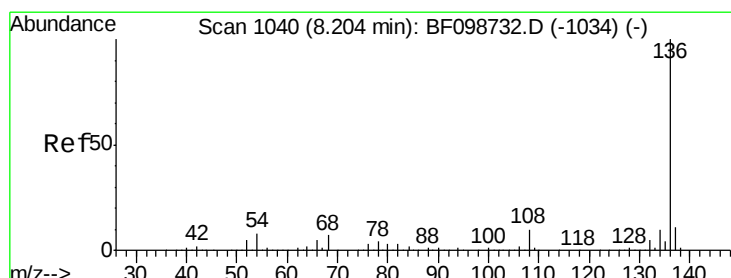
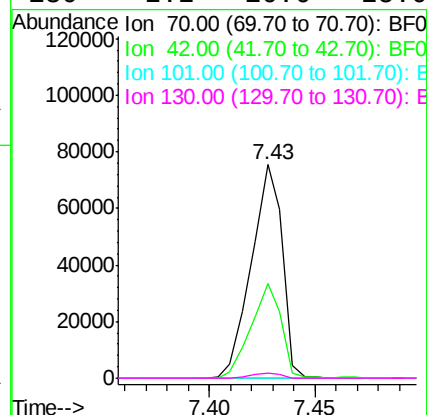
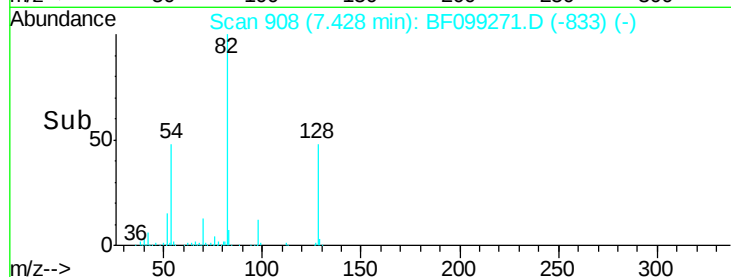
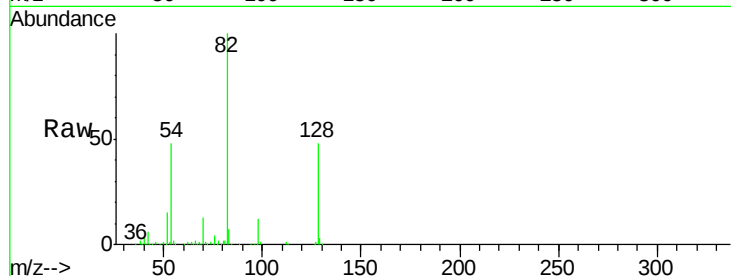
Ion Ratio Lower Upper

70 100

42 44.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 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: BF099271.D

Acq: 9 Oct 2017 19:19

Tgt Ion: 136 Resp: 439855

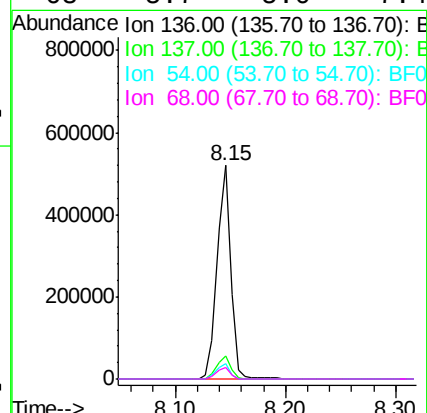
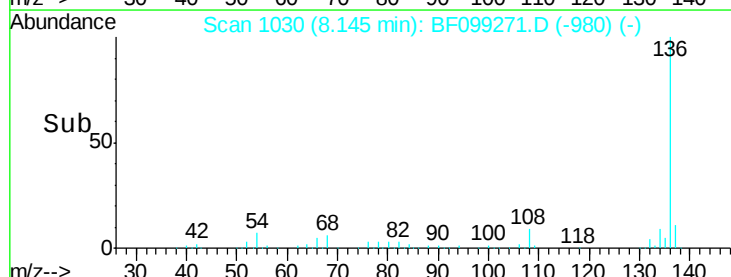
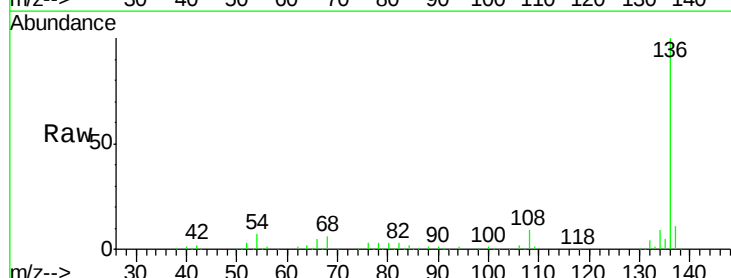
Ion Ratio Lower Upper

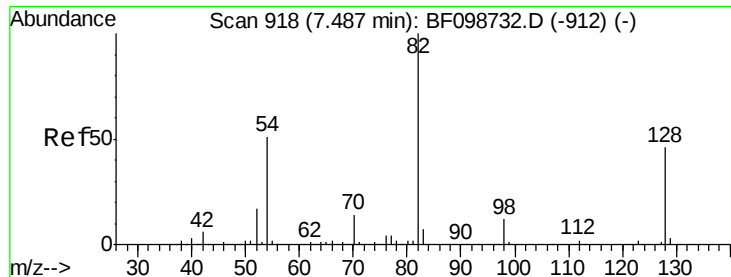
136 100

137 10.9 8.9 13.3

54 6.9 6.6 9.8

68 5.7 5.0 7.4

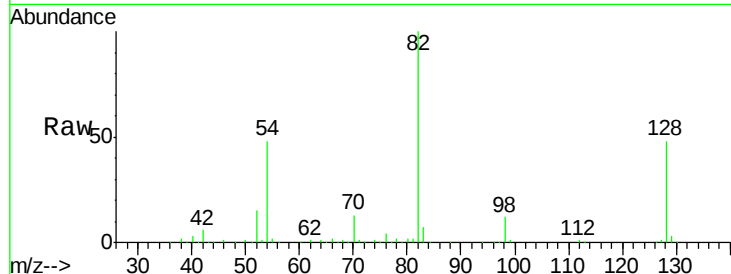




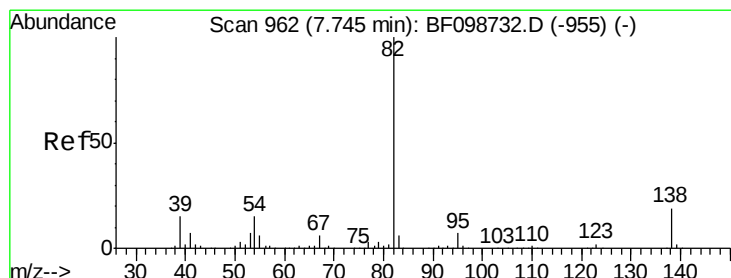
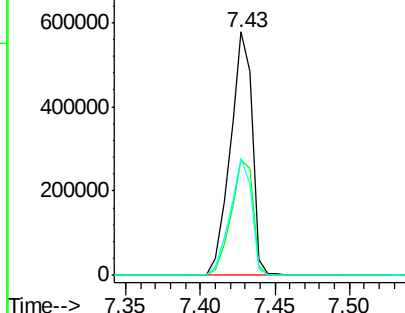
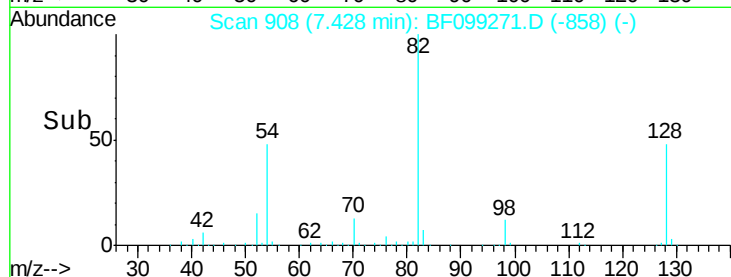
#23
Nitrobenzene-d5
Concen: 87.43 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099271.D
Acq: 9 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 599653
Ion Ratio Lower Upper
82 100
128 47.7 36.1 54.1
54 48.0 41.4 62.2

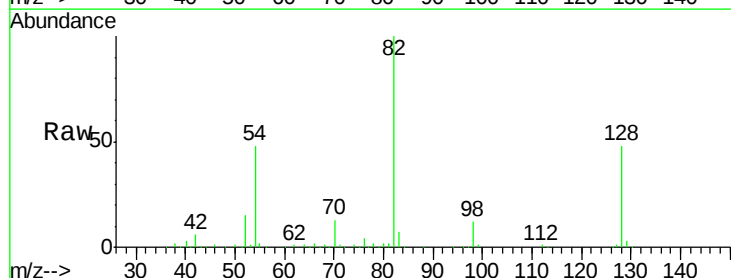


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

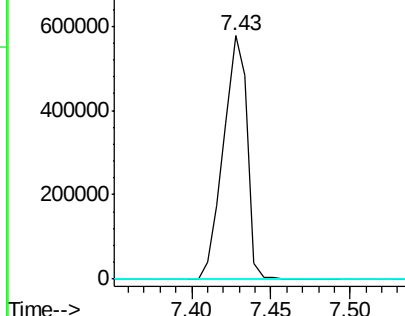
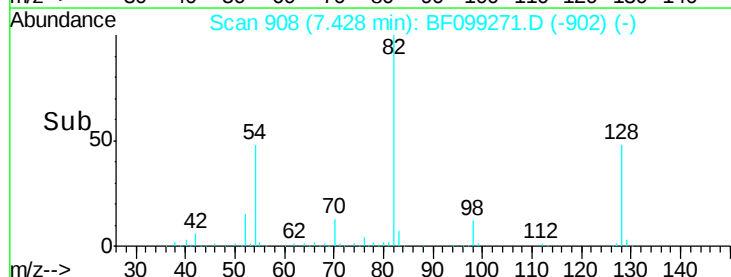


#25
Isophorone
Concen: 42.29 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF099271.D
Acq: 9 Oct 2017 19:19

Tgt Ion: 82 Resp: 599647
Ion Ratio Lower Upper
82 100
95 0.0 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

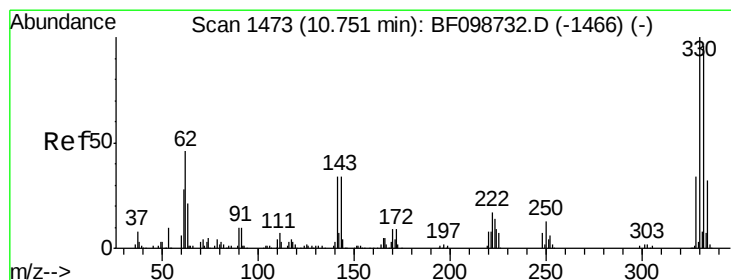
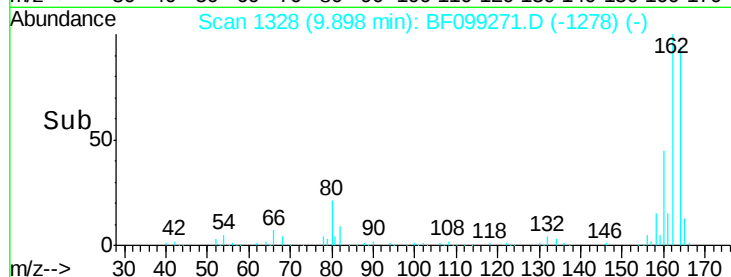
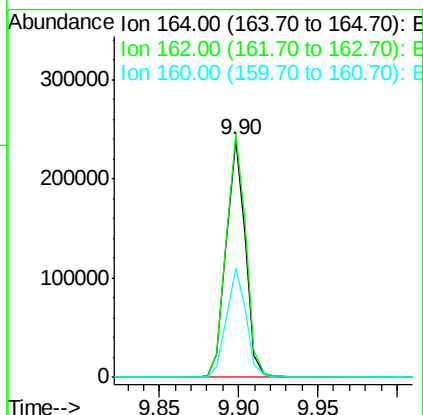
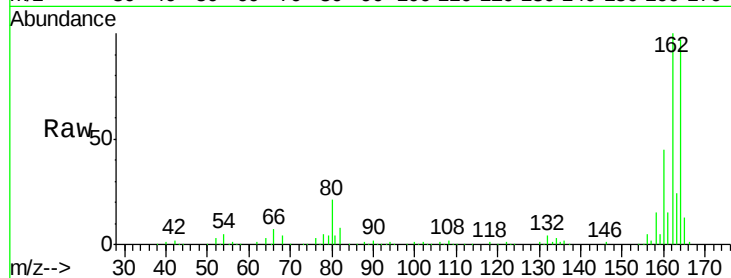




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099271.D
 Acq: 9 Oct 2017 19:19

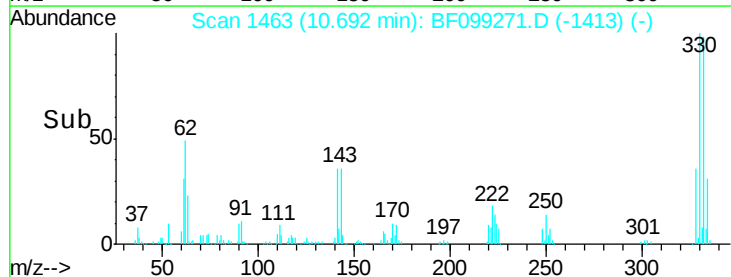
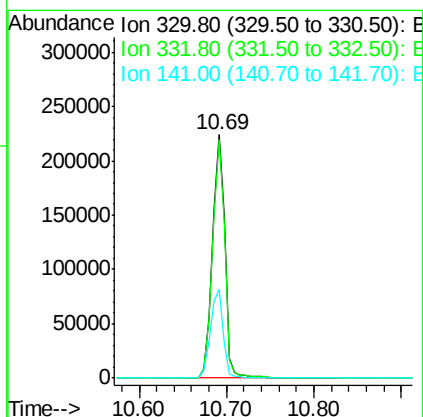
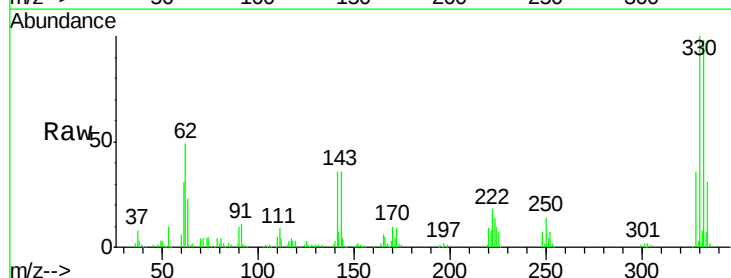
Instrument :
 BNA_F
 ClientSampleId :

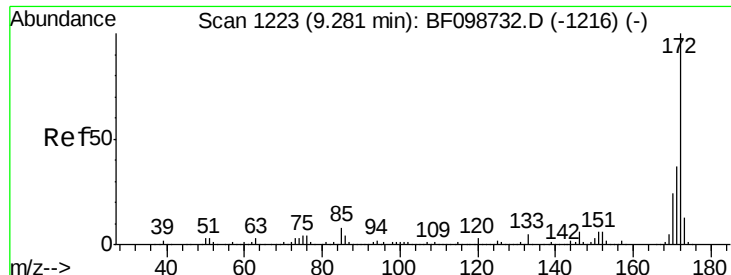
Tot Ion:164 Resp: 201623
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 45.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 135.56 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099271.D
 Acq: 9 Oct 2017 19:19

Tgt Ion:330 Resp: 223652
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 36.9 29.9 44.9



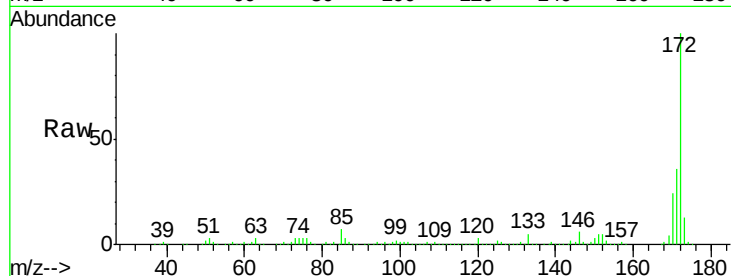


#44
 2-Fluorobiphenyl
 Concen: 88.98 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099271.D
 Acq: 9 Oct 2017 19:19

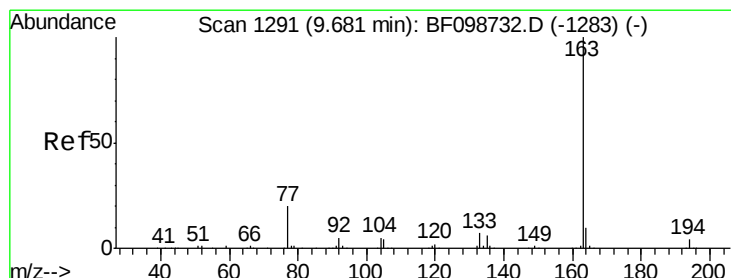
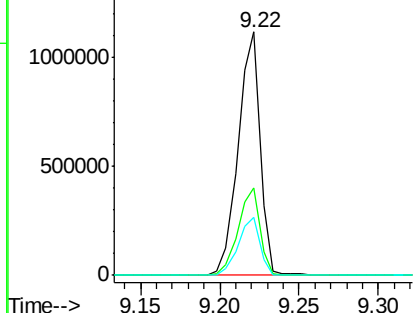
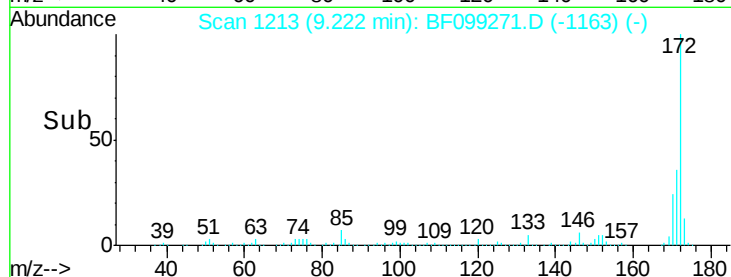
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1074666

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	19.6	29.4



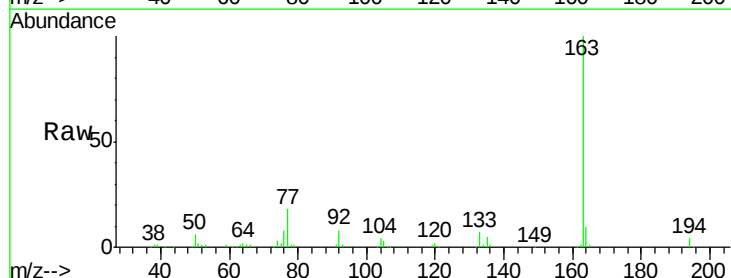
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



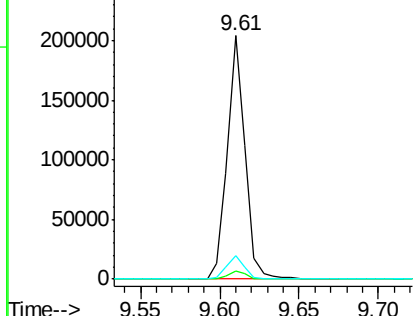
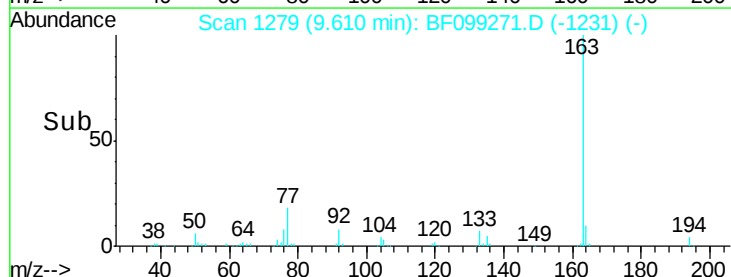
#49
 Dimethylphthalate
 Concen: 10.36 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BF099271.D
 Acq: 9 Oct 2017 19:19

Tgt Ion:163 Resp: 157653

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.8	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

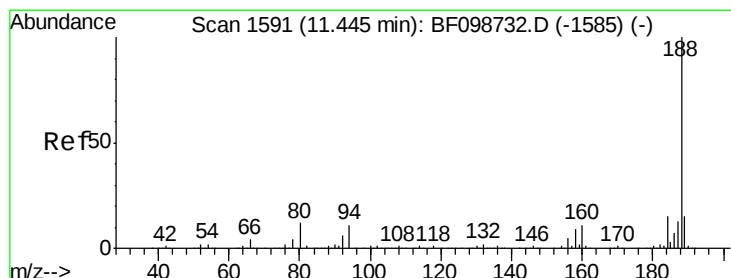
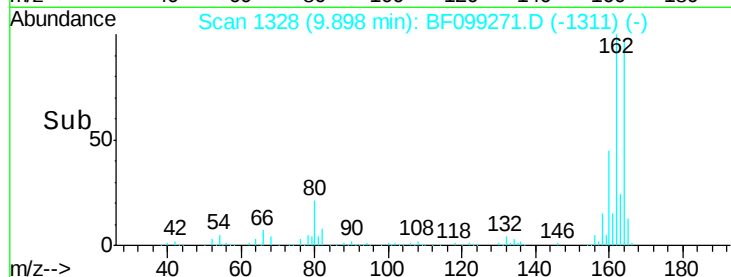
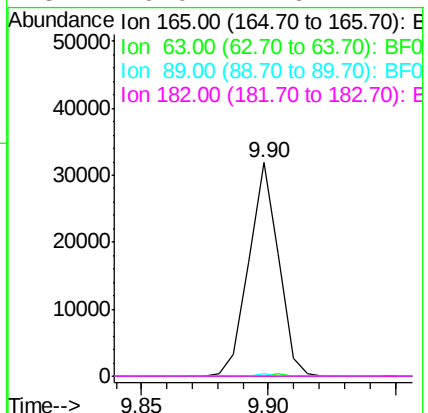
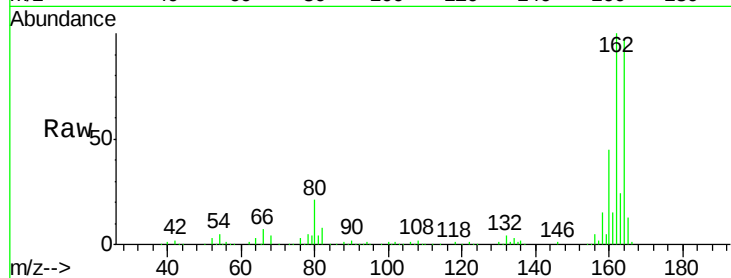




#56
 2,4-Dinitrotoluene
 Concen: 6.06 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099271.D
 Acq: 9 Oct 2017 19:19

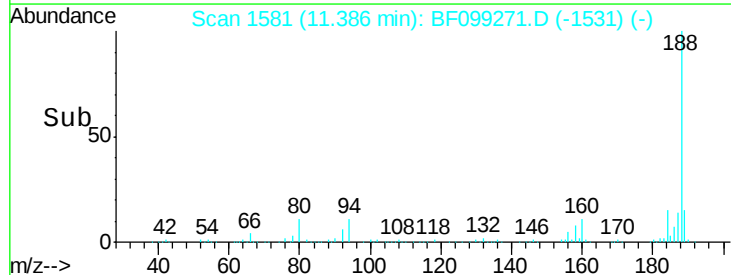
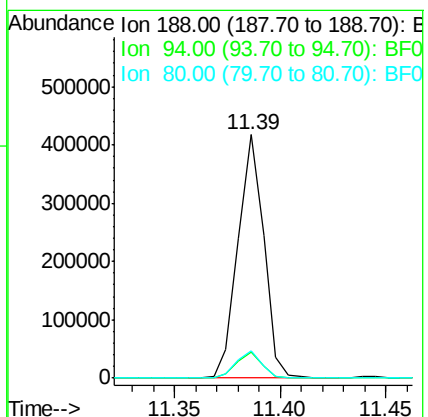
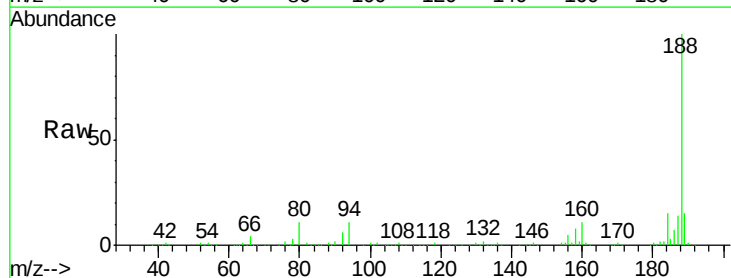
Instrument :
 BNA_F
 ClientSampleId :

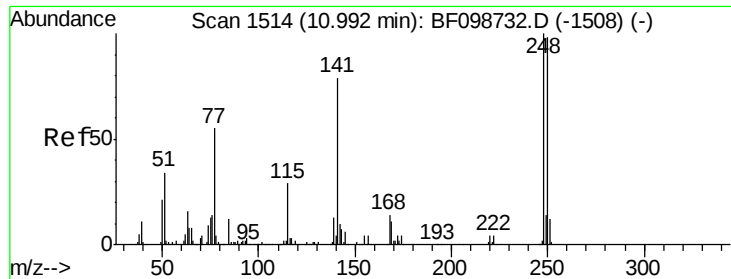
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099271.D
 Acq: 9 Oct 2017 19:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.4	9.2	13.8

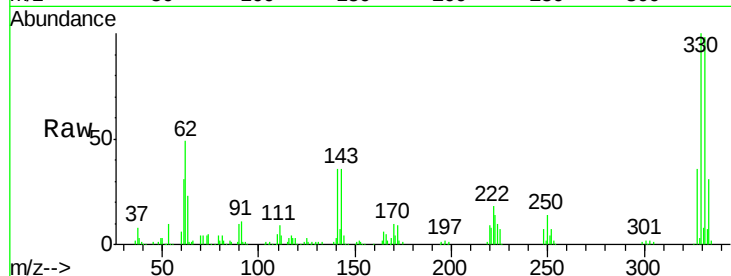




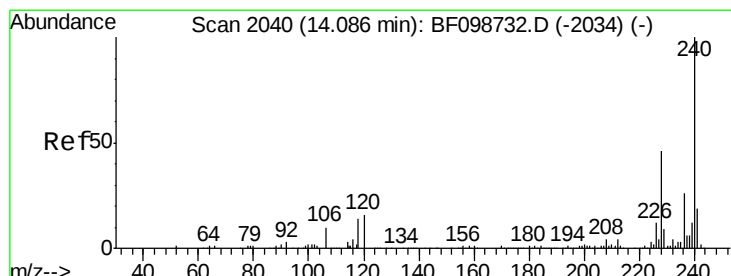
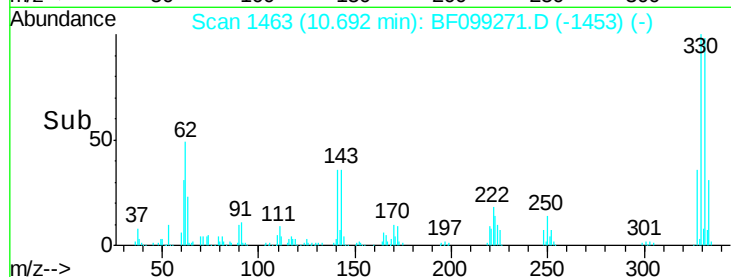
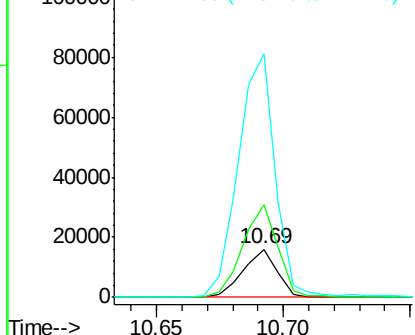
#66
4-Bromophenyl-phenylether
Concen: 4.35 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099271.D
Acq: 9 Oct 2017 19:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15021
Ion Ratio Lower Upper
248 100
250 192.3 76.9 115.3#
141 503.1 74.4 111.6#

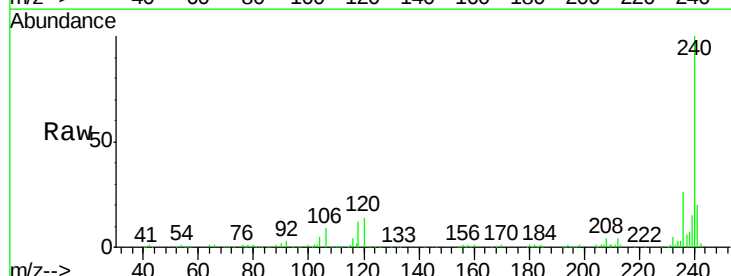


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

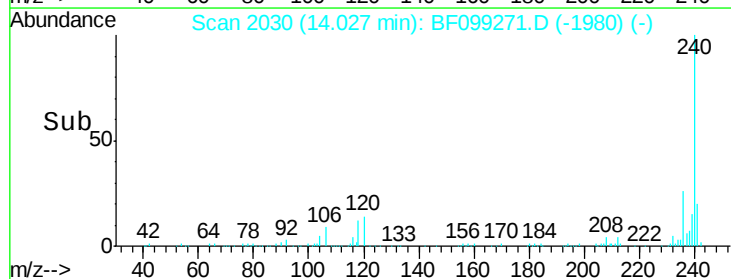
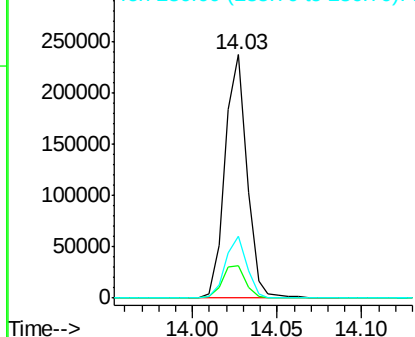


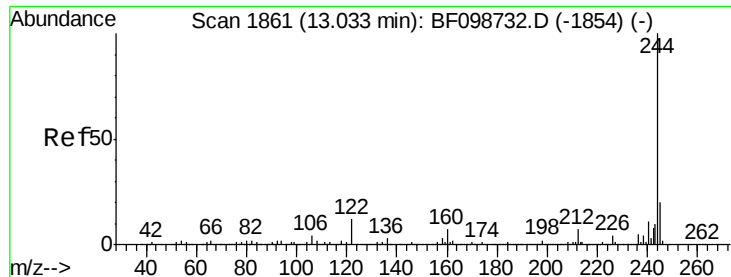
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099271.D
Acq: 9 Oct 2017 19:19

Tgt Ion:240 Resp: 214401
Ion Ratio Lower Upper
240 100
120 13.6 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: 92.18 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF099271.D

Acq: 9 Oct 2017 19:19

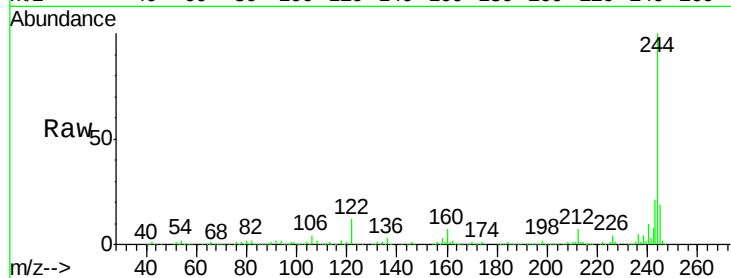
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 869075

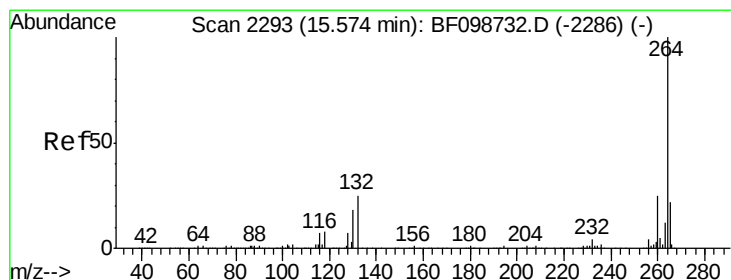
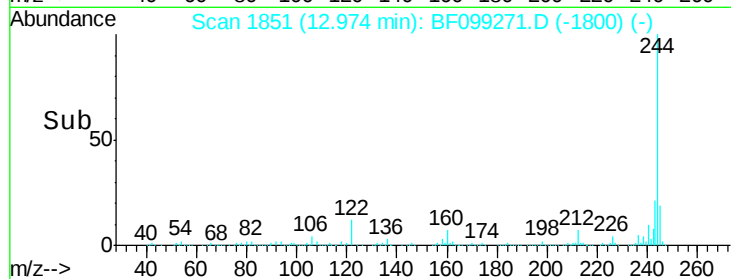
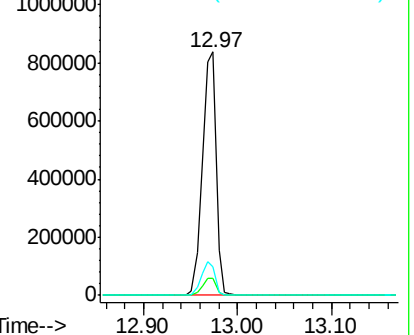
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.8	11.0	16.4



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

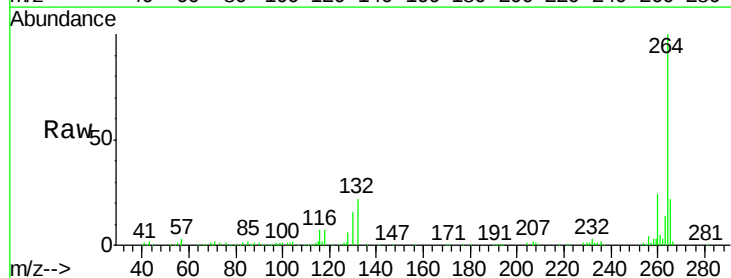
Delta R.T. -0.00 min

Lab File: BF099271.D

Acq: 9 Oct 2017 19:19

Tgt Ion:264 Resp: 191055

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.5	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

