

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100082.D
 Acq On : 2 Nov 2017 14:06
 Operator : SJ/JU
 Sample : I6226-17
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 16:14:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 02 16:13:54 2017
 Response via : Initial Calibration

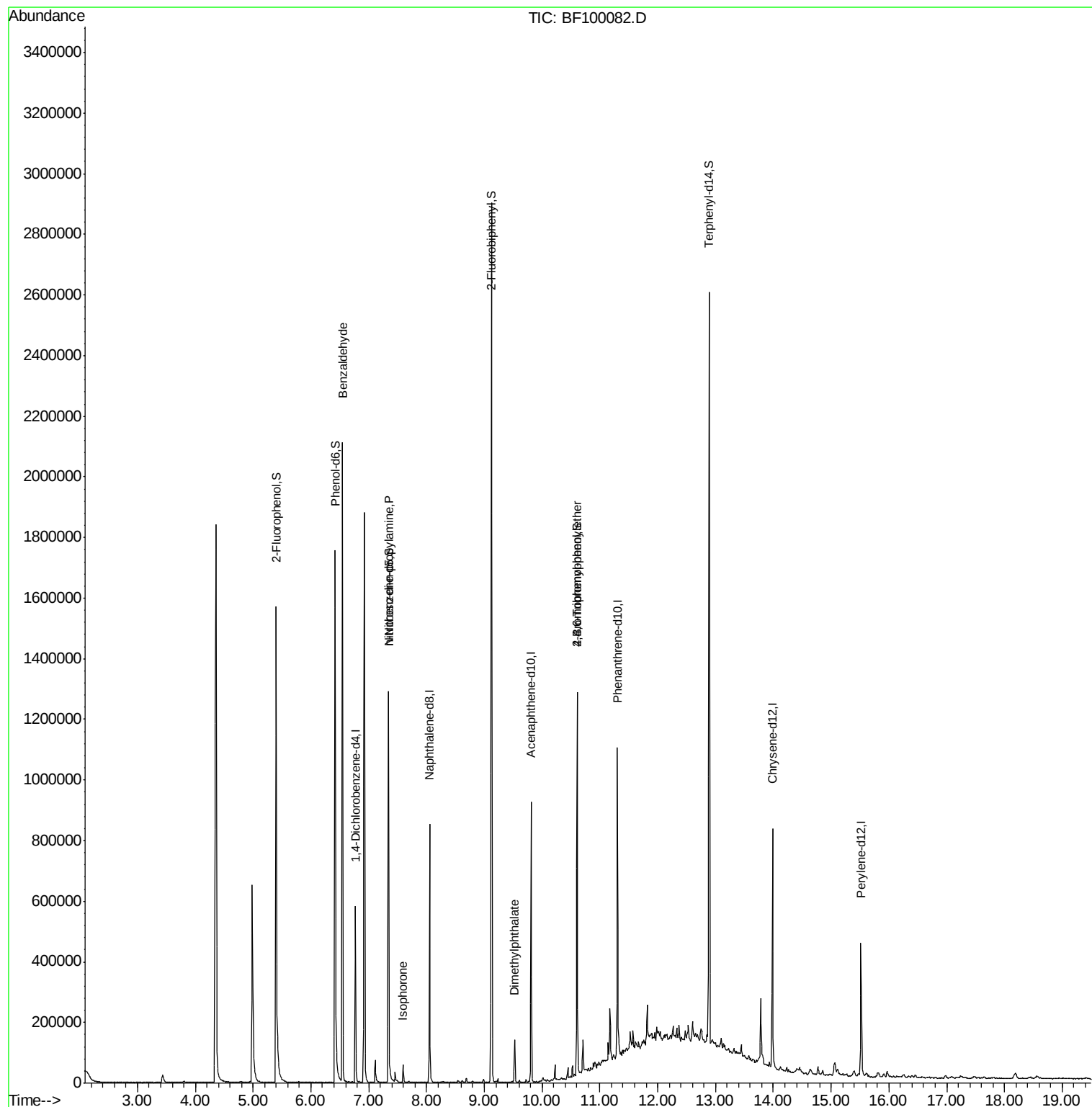
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	99113	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	402741	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	193409	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	345571	20.00	ng	0.00
75) Chrysene-d12	13.99	240	282732	20.00	ng	0.00
86) Perylene-d12	15.52	264	218548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	607105	96.17	ng	0.01
7) Phenol-d6	6.42	99	819693	109.50	ng	0.00
23) Nitrobenzene-d5	7.34	82	518328	82.86	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	164524	93.34	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1080318	86.18	ng	0.00
78) Terphenyl-d14	12.89	244	987541	76.33	ng	0.00
Target Compounds						
9) Benzaldehyde	6.55	77	11666	2.608	ng	86
19) n-Nitroso-di-n-propylamine	7.35	70	64845	14.782	ng	# 69
25) Isophorone	7.59	82	26917	2.371	ng	94
49) Dimethylphthalate	9.53	163	67602	4.414	ng	99
66) 4-Bromophenyl-phenylether	10.60	248	10779	2.963	ng	# 1

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

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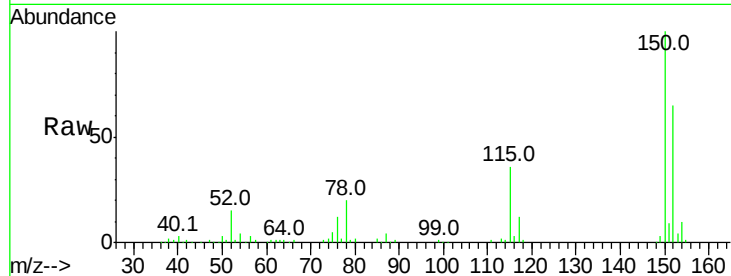


#1

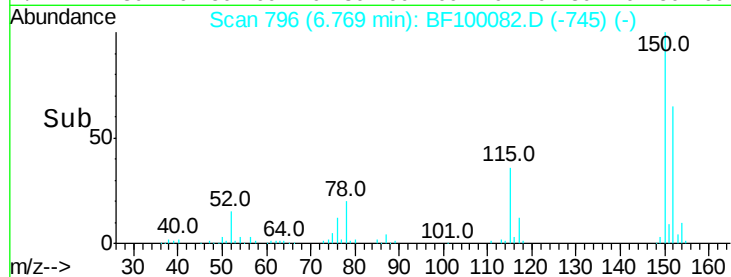
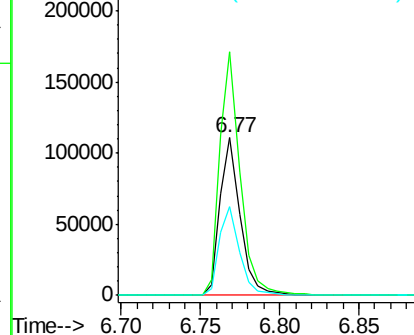
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF100082.D
Acq: 2 Nov 2017 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 99113
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 56.0 50.1 75.1



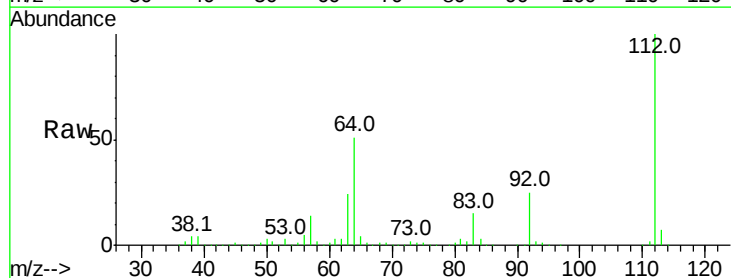
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



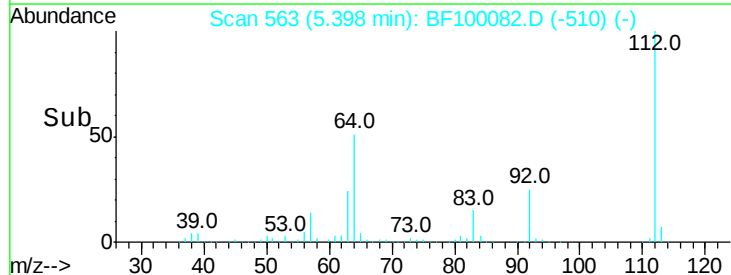
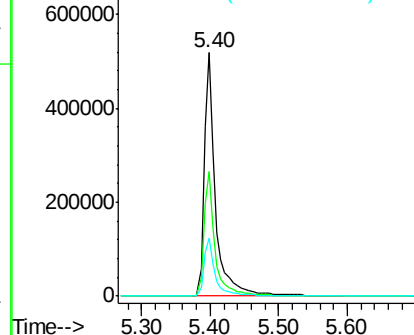
#5

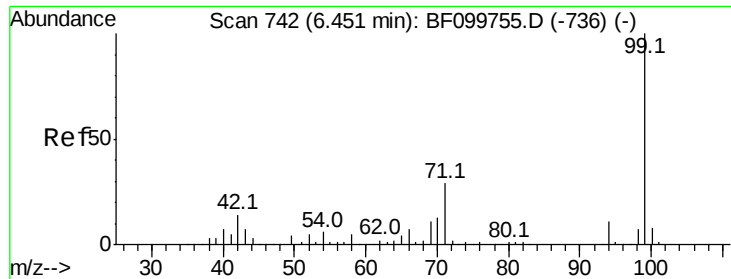
2-Fluorophenol
Concen: 96.166 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100082.D
Acq: 2 Nov 2017 14:06

Tgt Ion:112 Resp: 607105
Ion Ratio Lower Upper
112 100
64 51.2 47.9 71.9
63 24.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 109.504 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF100082.D

Acq: 2 Nov 2017 14:06

Instrument :

BNA_F

ClientSampled :

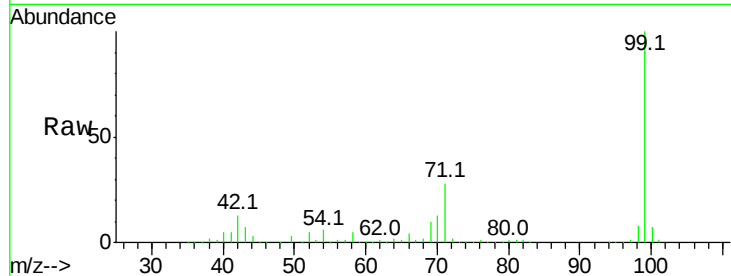
Tot Ion: 99 Resp: 819693

Ion Ratio Lower Upper

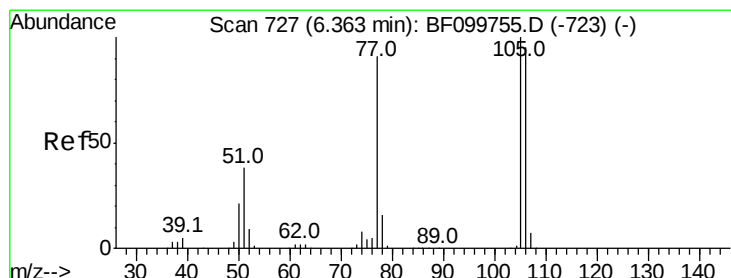
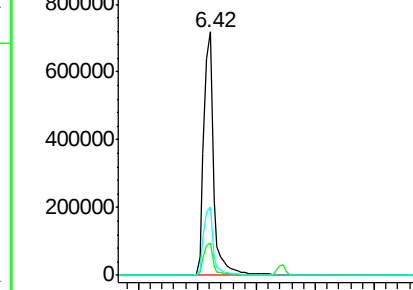
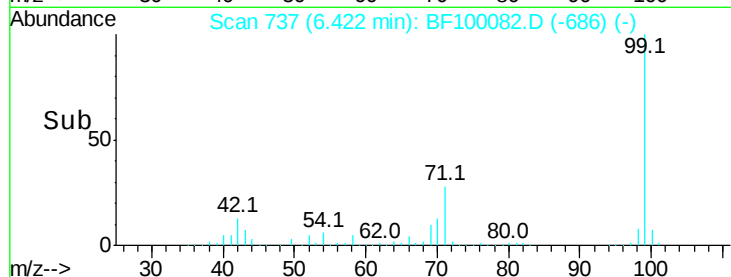
99 100

42 13.3 14.5 21.7#

71 28.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.608 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.21 min

Lab File: BF100082.D

Acq: 2 Nov 2017 14:06

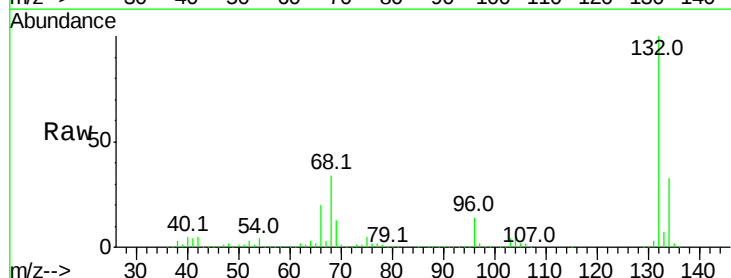
Tgt Ion: 77 Resp: 11666

Ion Ratio Lower Upper

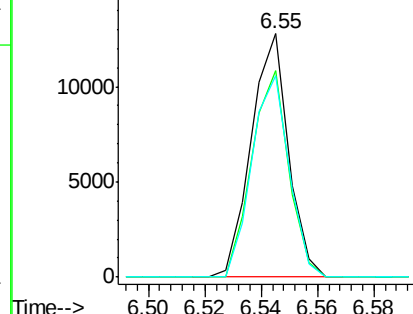
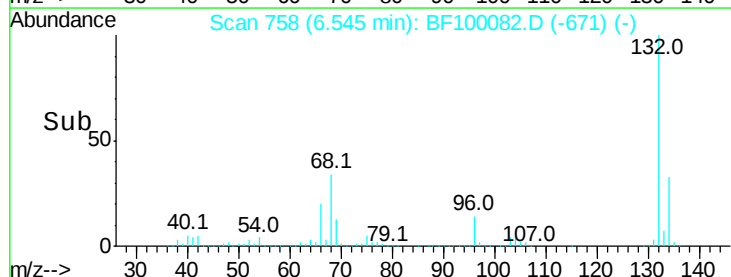
77 100

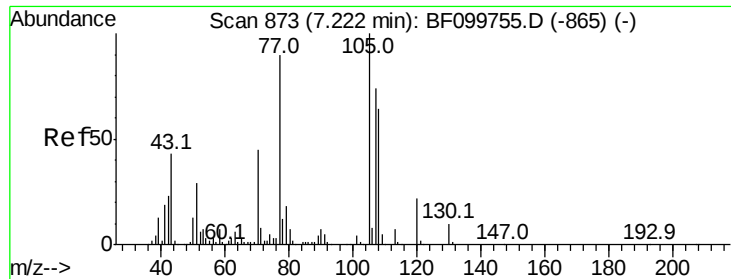
105 85.0 81.1 121.1

106 82.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

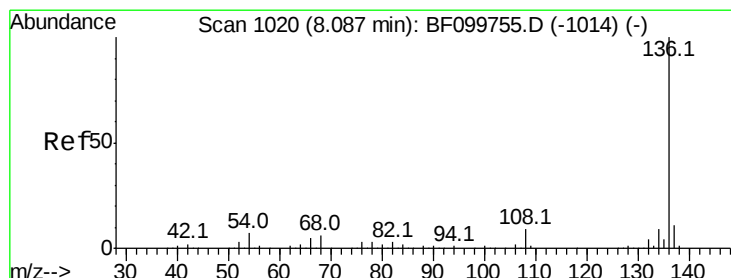
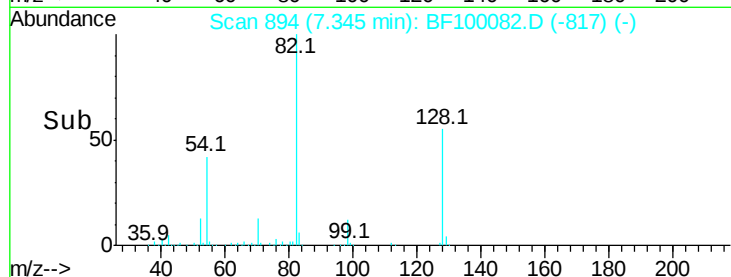
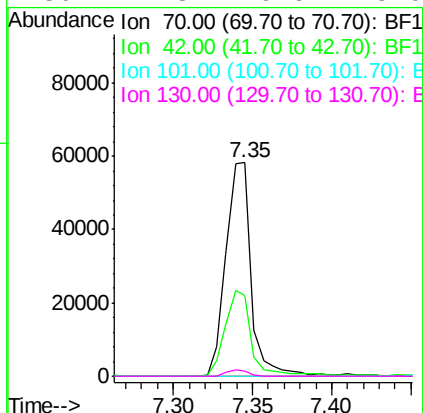
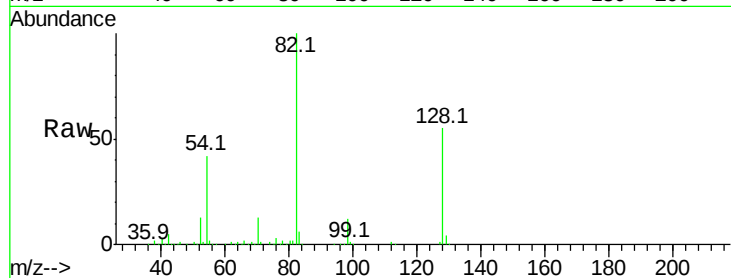




#19
n-Nitroso-di-n-propylamine
Concen: 14.782 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.15 min
Lab File: BF100082.D
Acq: 2 Nov 2017 14:06

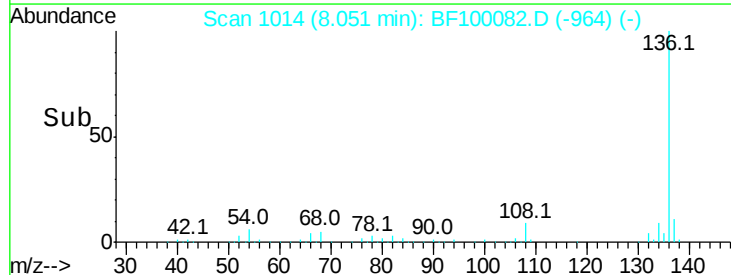
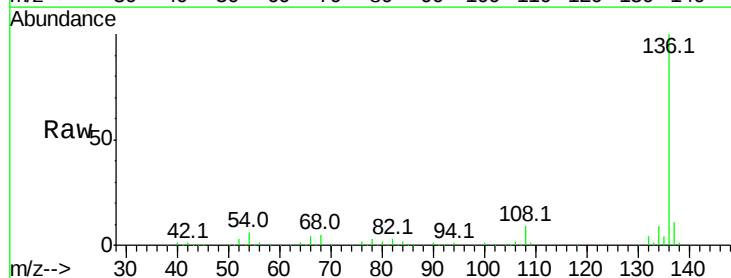
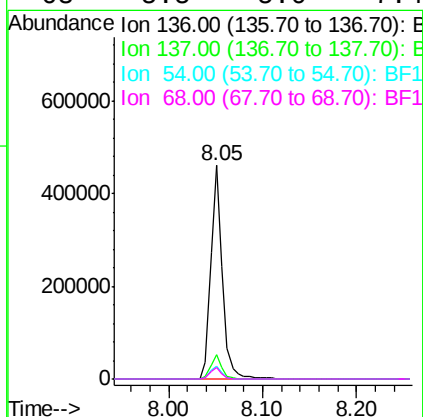
Instrument :
BNA_F
ClientSampleId :

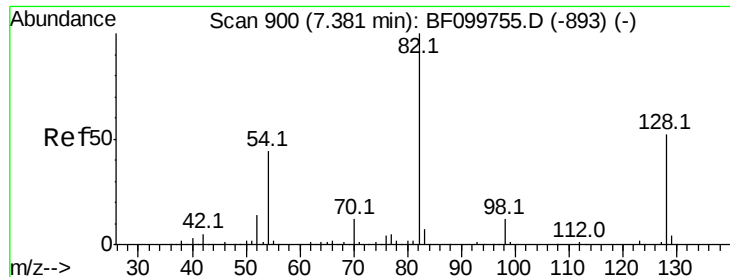
Tot Ion: 70 Resp: 64845
Ion Ratio Lower Upper
70 100
42 37.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100082.D
Acq: 2 Nov 2017 14:06

Tgt Ion: 136 Resp: 402741
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 6.1 6.6 9.8#
68 5.5 5.0 7.4

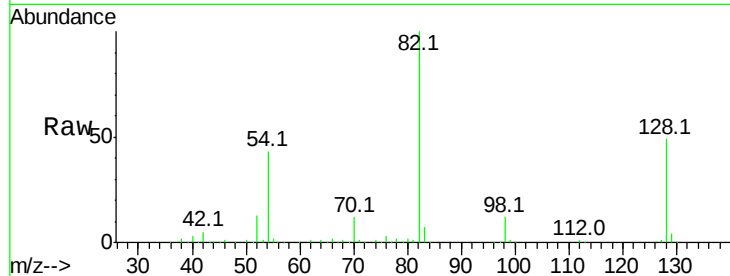




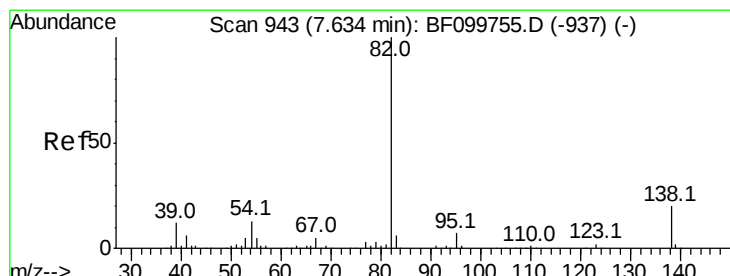
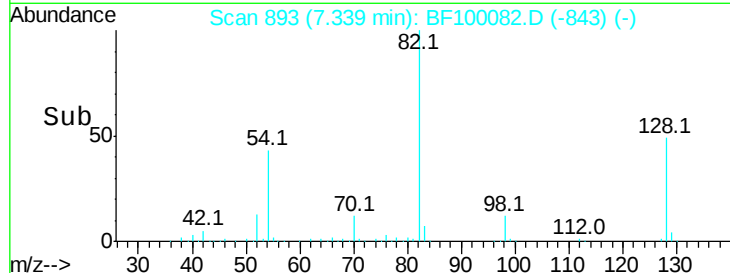
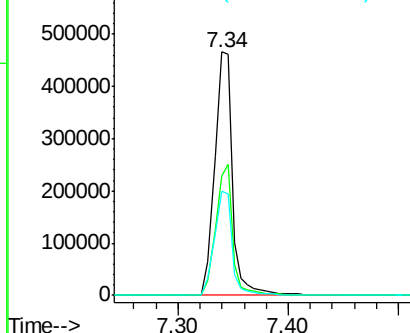
#23
 Nitrobenzene-d5
 Concen: 82.858 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF100082.D
 Acq: 2 Nov 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.2	36.1	54.1
54	42.9	41.4	62.2

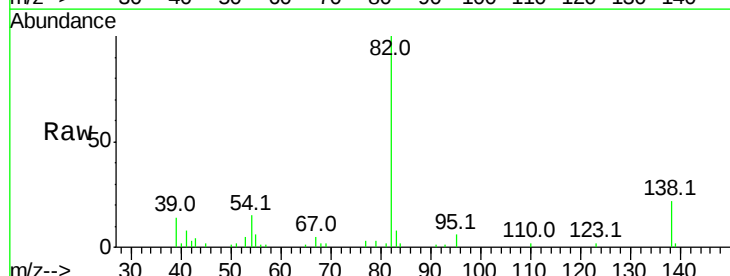


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

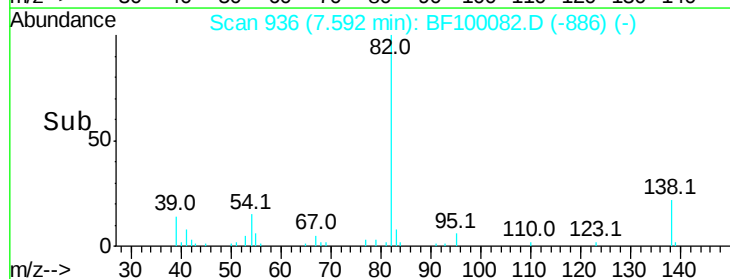
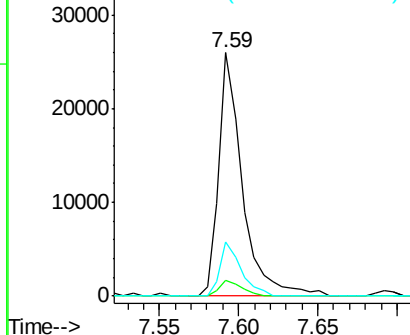


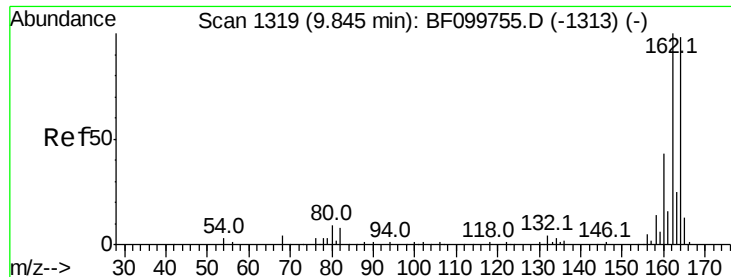
#25
 Isophorone
 Concen: 2.371 ng
 RT: 7.59 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF100082.D
 Acq: 2 Nov 2017 14:06

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.3	5.2	7.8
138	22.2	14.9	22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

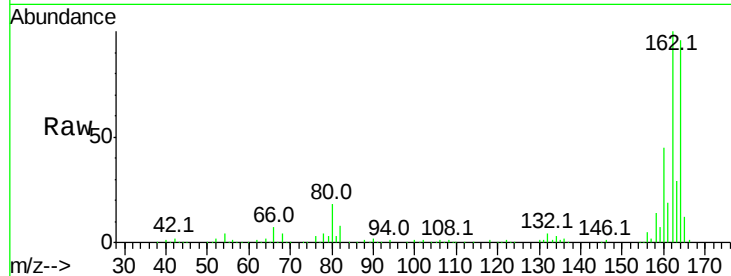




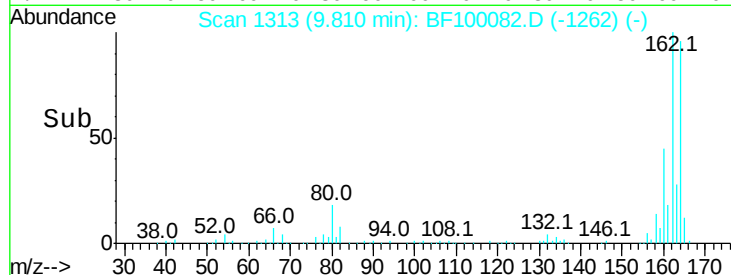
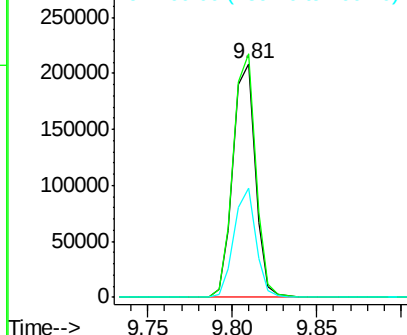
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF100082.D
Acq: 2 Nov 2017 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 193409
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 46.5 38.3 57.5

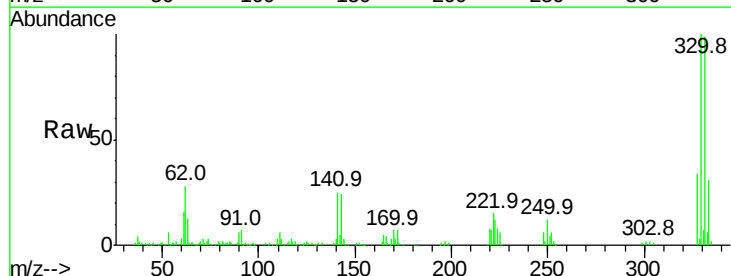


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

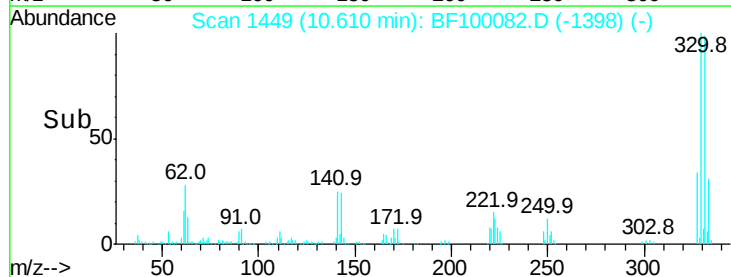
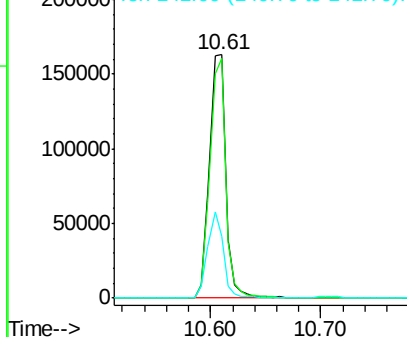


#41
2,4,6-Tribromophenol
Concen: 93.343 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF100082.D
Acq: 2 Nov 2017 14:06

Tgt Ion:330 Resp: 164524
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.6
141 33.7 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



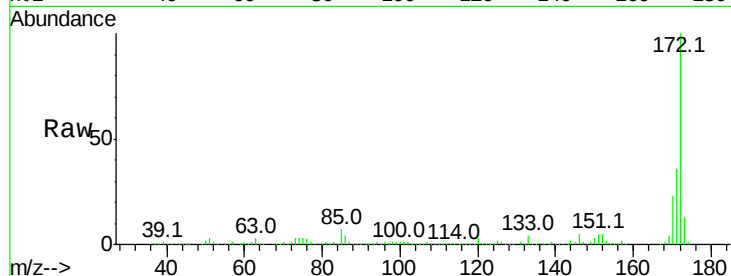


#44
 2-Fluorobiphenyl
 Concen: 86.178 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF100082.D
 Acq: 2 Nov 2017 14:06

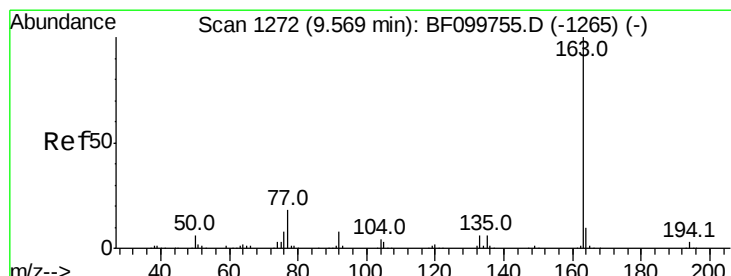
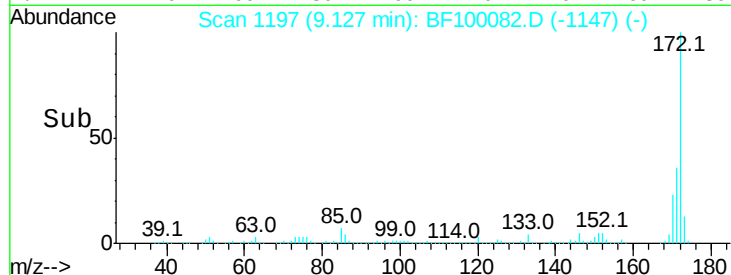
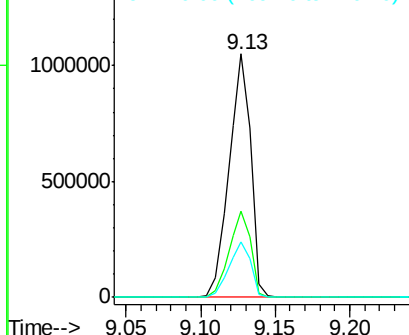
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1080318

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.0	19.6	29.4



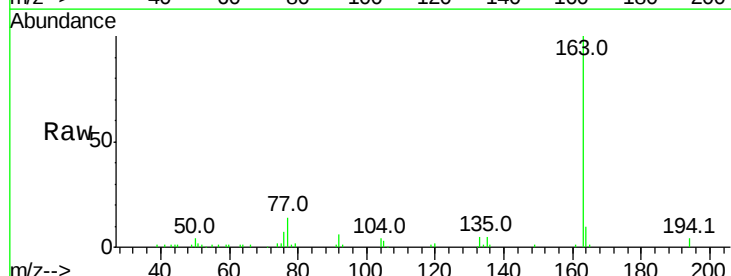
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



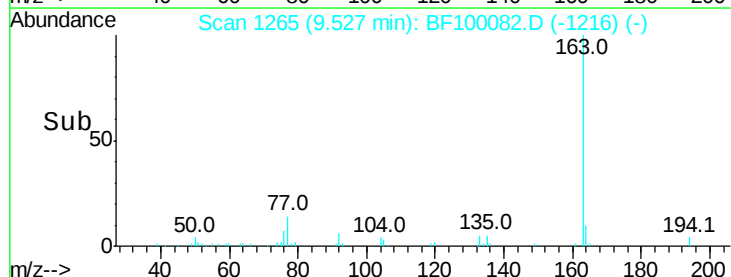
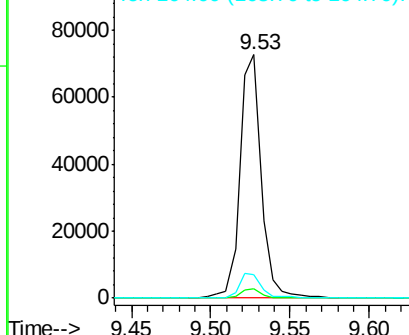
#49
 Dimethylphthalate
 Concen: 4.414 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF100082.D
 Acq: 2 Nov 2017 14:06

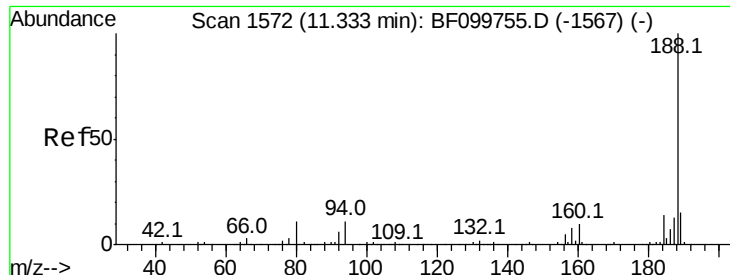
Tgt Ion:163 Resp: 67602

Ion	Ratio	Lower	Upper
163	100		
194	3.7	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

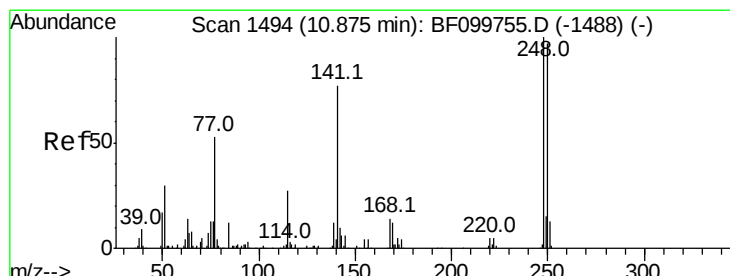
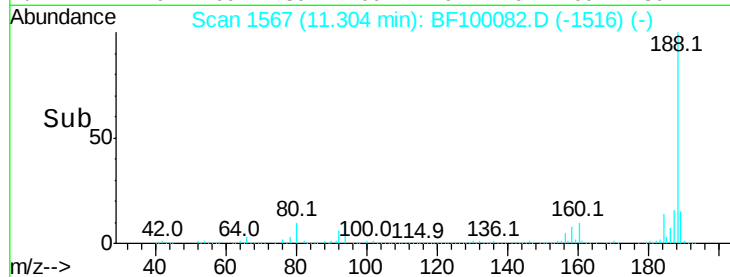
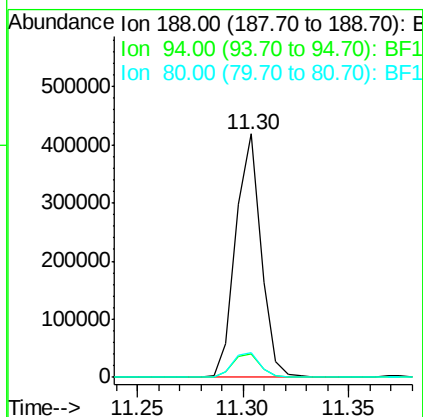
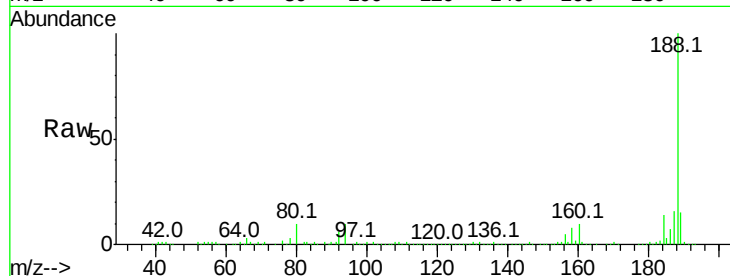




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: BF100082.D
 Acq: 2 Nov 2017 14:06

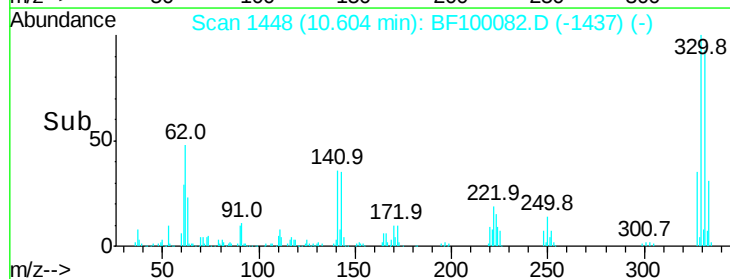
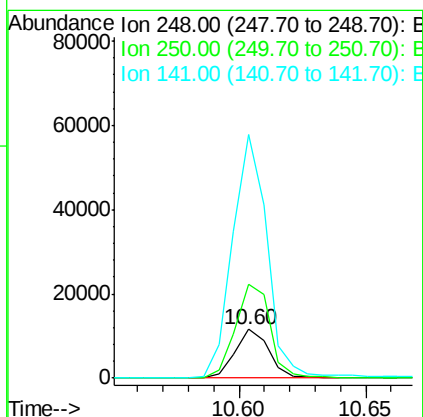
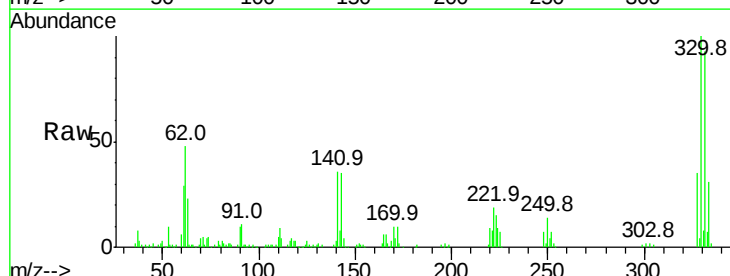
Instrument :
 BNA_F
 ClientSampleId :

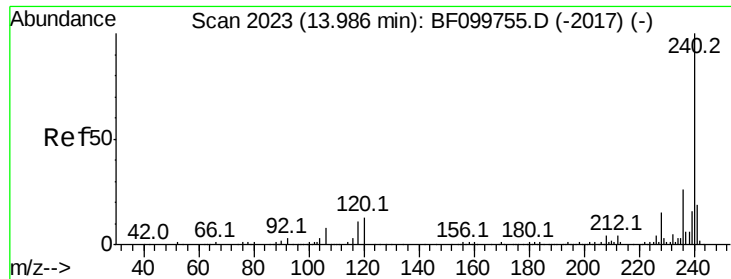
Tot Ion:188 Resp: 345571
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.5 12.7
 80 10.2 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.963 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.24 min
 Lab File: BF100082.D
 Acq: 2 Nov 2017 14:06

Tgt Ion:248 Resp: 10779
 Ion Ratio Lower Upper
 248 100
 250 192.6 76.9 115.3#
 141 500.1 74.4 111.6#

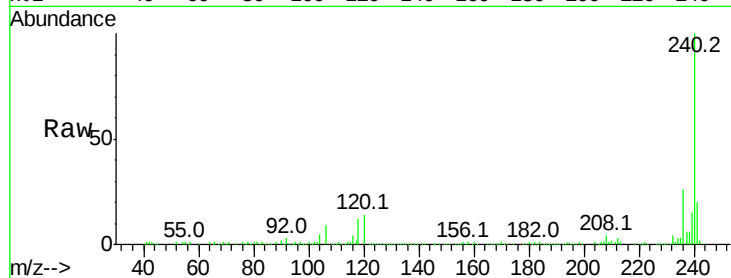




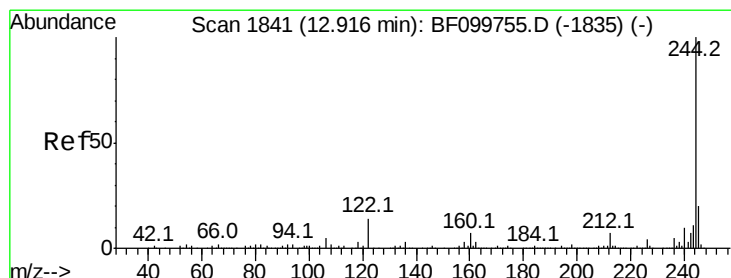
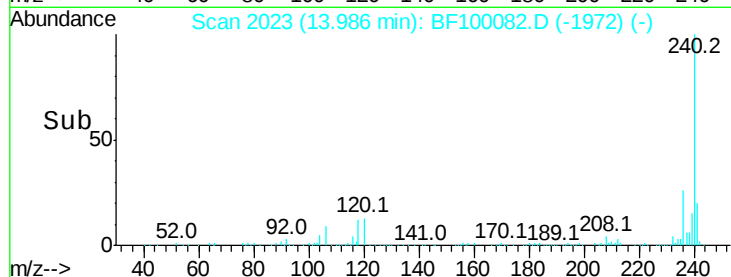
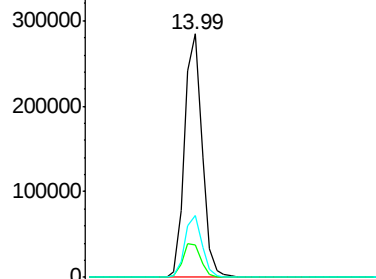
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF100082.D
Acq: 2 Nov 2017 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 282732
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 25.6 20.7 31.1

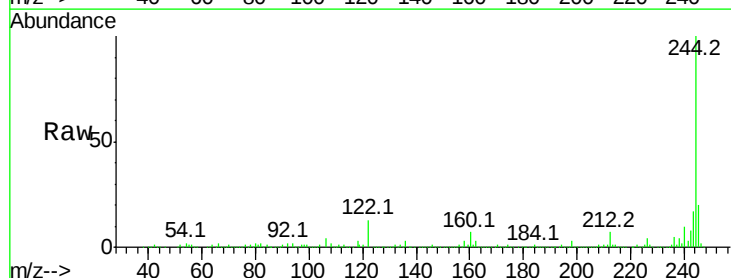


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

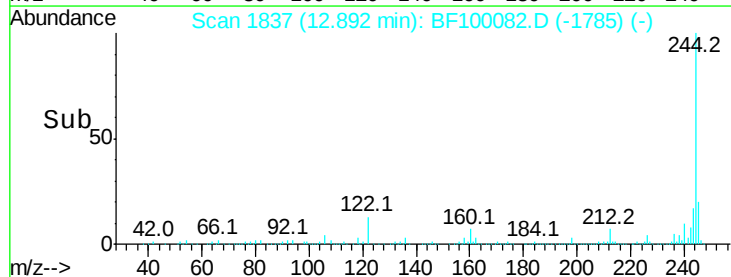
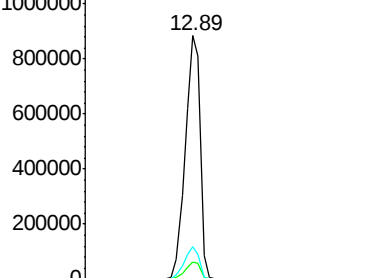


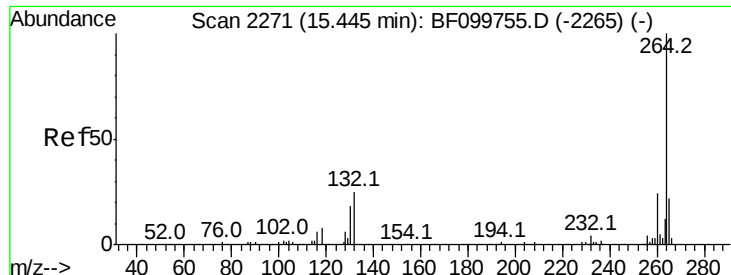
#78
Terphenyl-d14
Concen: 76.332 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.01 min
Lab File: BF100082.D
Acq: 2 Nov 2017 14:06

Tgt Ion:244 Resp: 987541
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 13.3 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

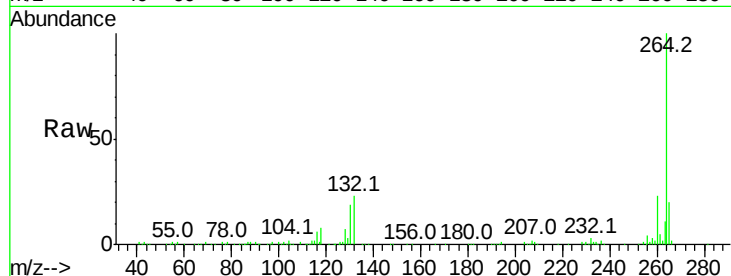




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF100082.D
Acq: 2 Nov 2017 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.3	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

