

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110317\
 Data File : BF100157.D
 Acq On : 4 Nov 2017 2:41
 Operator : SJ/JU
 Sample : I6160-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 04 03:47:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

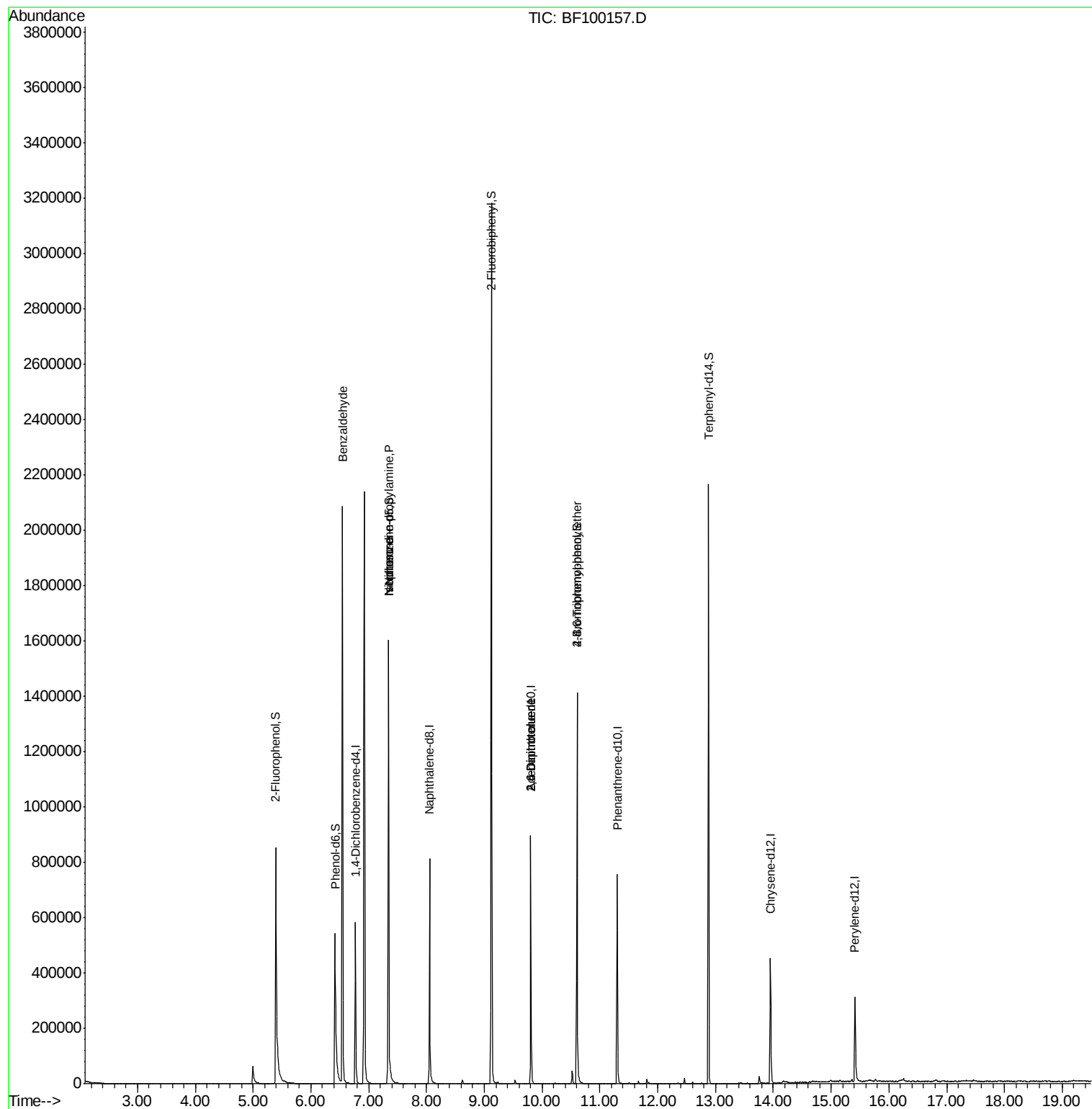
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	101840	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	415058	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	179687	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	288103	20.00	ng	0.00
75) Chrysene-d12	13.95	240	161781	20.00	ng	0.00
86) Perylene-d12	15.41	264	166862	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	417961	64.43	ng	0.00
7) Phenol-d6	6.42	99	319647	41.56	ng	-0.01
23) Nitrobenzene-d5	7.35	82	590717	91.63	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	193919	118.42	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1114009	95.65	ng	0.00
78) Terphenyl-d14	12.88	244	765884	103.46	ng	0.00
Target Compounds						
9) Benzaldehyde	6.55	77	12220	2.659	ng	89
19) n-Nitroso-di-n-propylamine	7.35	70	73635	16.336	ng	# 71
25) Isophorone	7.35	82	590717	50.495	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	23354	7.807	ng	# 25
56) 2,4-Dinitrotoluene	9.80	165	23354	6.483	ng	# 22
66) 4-Bromophenyl-phenylether	10.60	248	12604	4.156	ng	# 1

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

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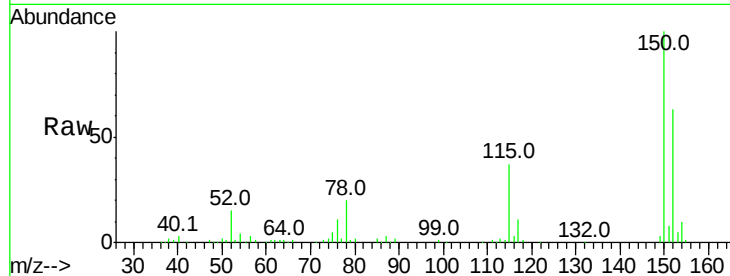


#1

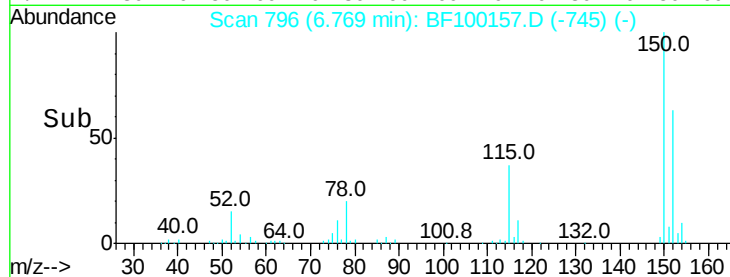
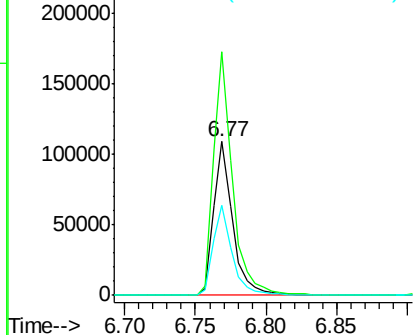
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100157.D
Acq: 4 Nov 2017 2:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 101840
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 58.6 50.1 75.1



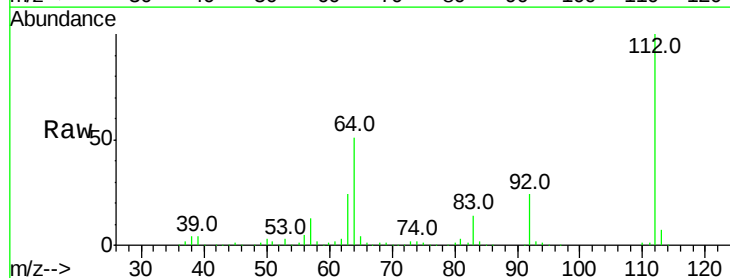
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



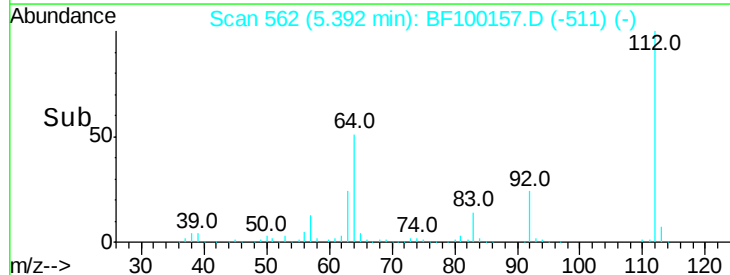
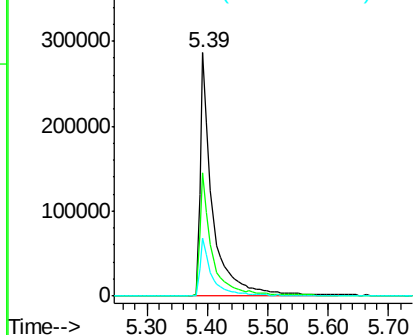
#5

2-Fluorophenol
Concen: 64.433 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF100157.D
Acq: 4 Nov 2017 2:41

Tgt Ion:112 Resp: 417961
Ion Ratio Lower Upper
112 100
64 50.7 47.9 71.9
63 23.9 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: 41.559 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100157.D

Acq: 4 Nov 2017 2:41

Instrument :

BNA_F

ClientSampled :

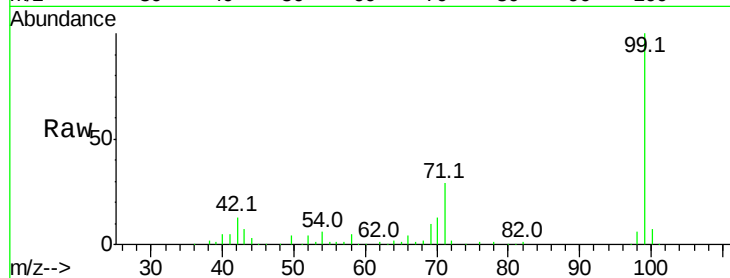
Tot Ion: 99 Resp: 319647

Ion Ratio Lower Upper

99 100

42 13.1 14.5 21.7#

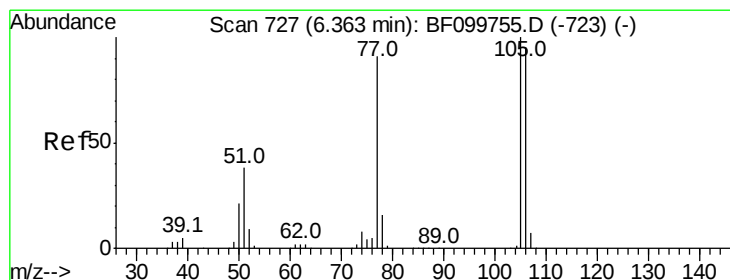
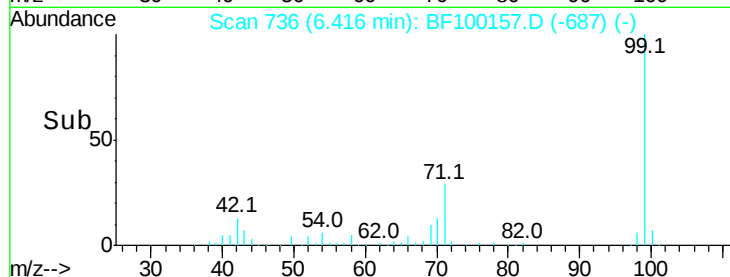
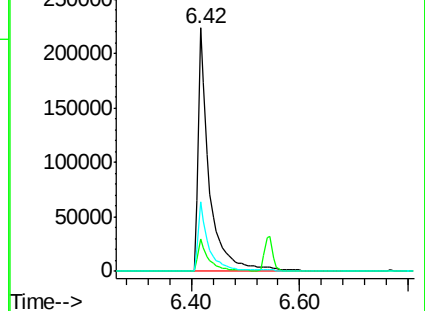
71 28.6 25.4 38.0



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: 2.659 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.21 min

Lab File: BF100157.D

Acq: 4 Nov 2017 2:41

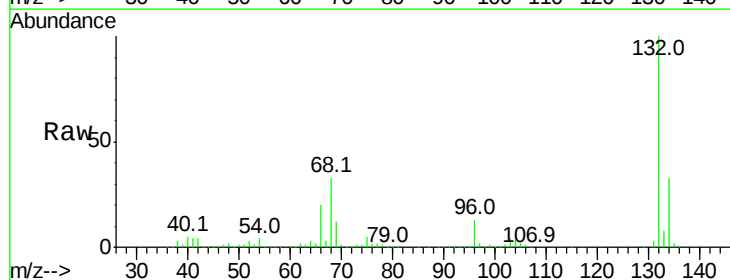
Tgt Ion: 77 Resp: 12220

Ion Ratio Lower Upper

77 100

105 90.4 81.1 121.1

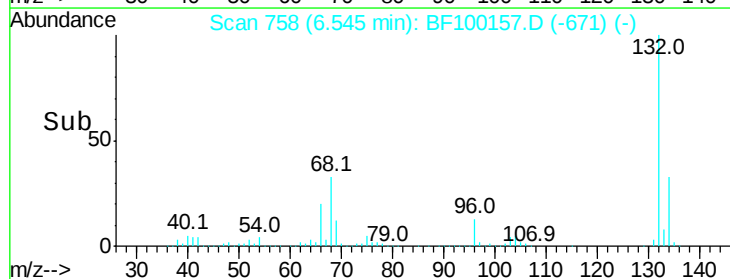
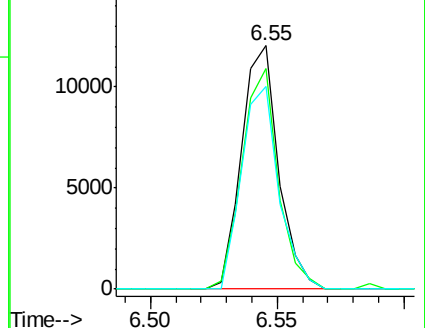
106 83.4 74.5 114.5

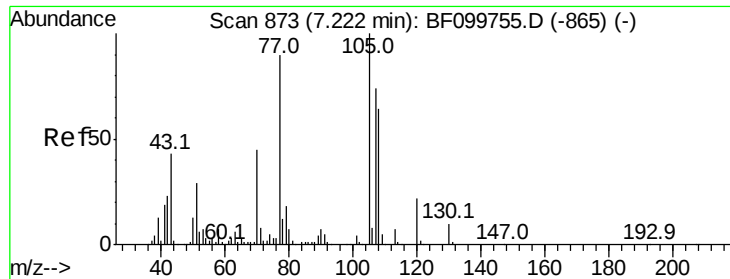


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

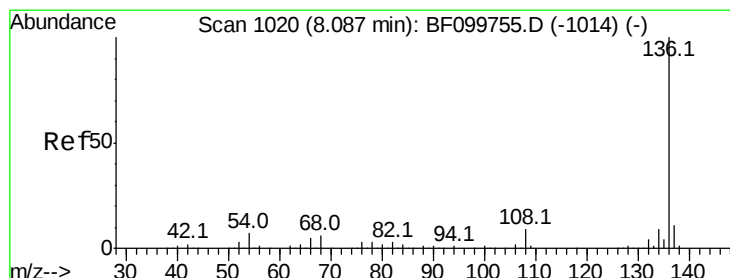
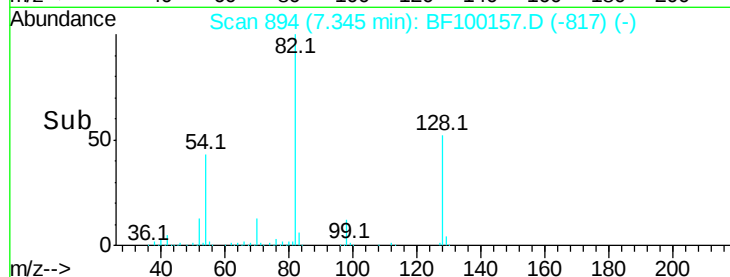
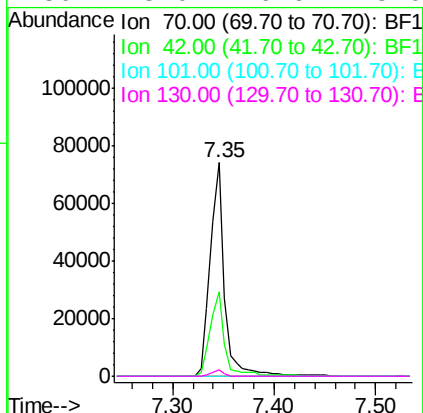
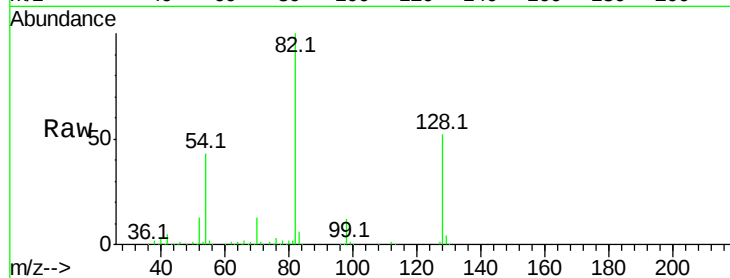




#19
n-Nitroso-di-n-propylamine
Concen: 16.336 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.15 min
Lab File: BF100157.D
Acq: 4 Nov 2017 2:41

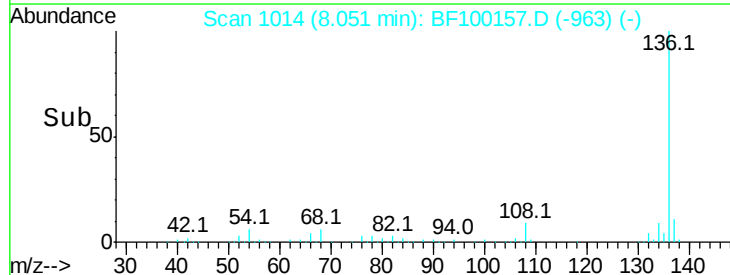
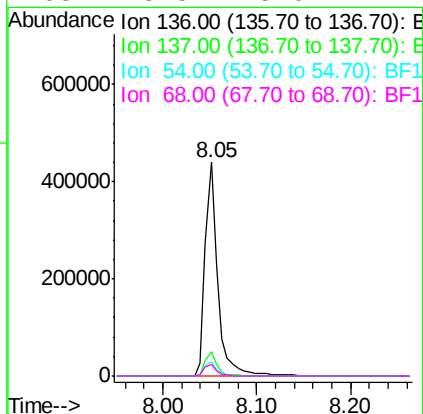
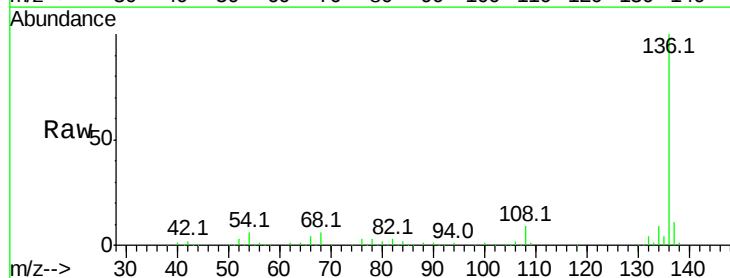
Instrument :
BNA_F
ClientSampled :

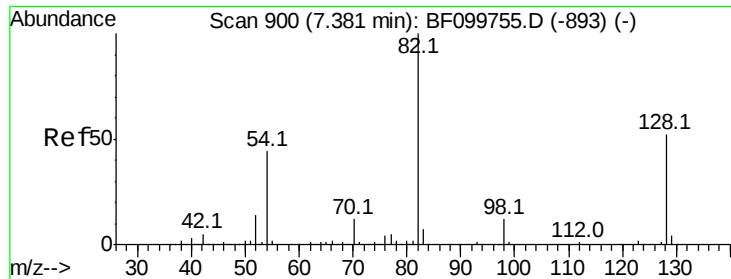
Tot Ion: 70 Resp: 73635
Ion Ratio Lower Upper
70 100
42 39.7 47.5 71.3#
101 0.0 7.4 11.2#
130 3.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF100157.D
Acq: 4 Nov 2017 2:41

Tgt Ion:136 Resp: 415058
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 6.3 6.6 9.8#
68 5.5 5.0 7.4

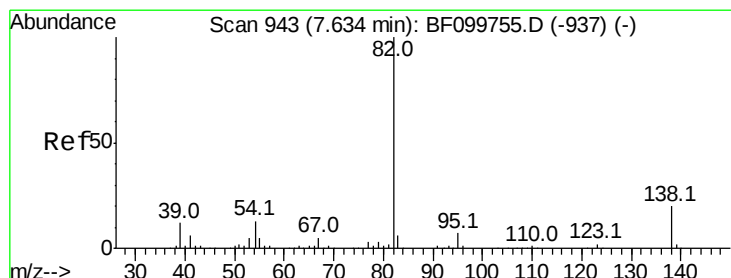
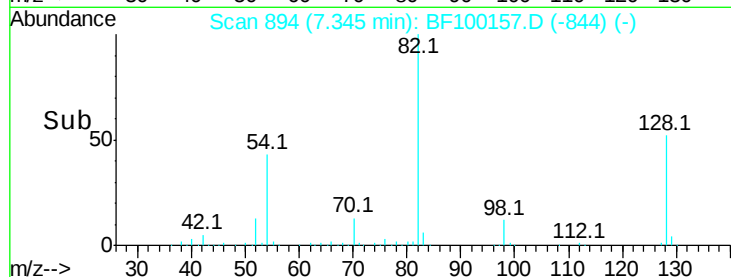
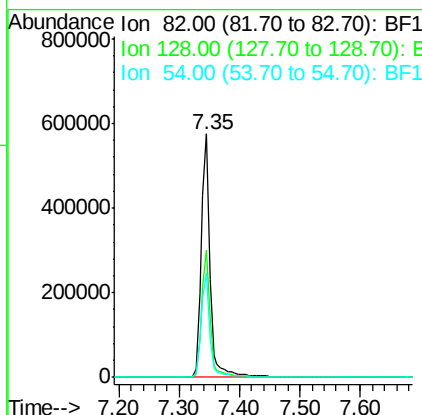
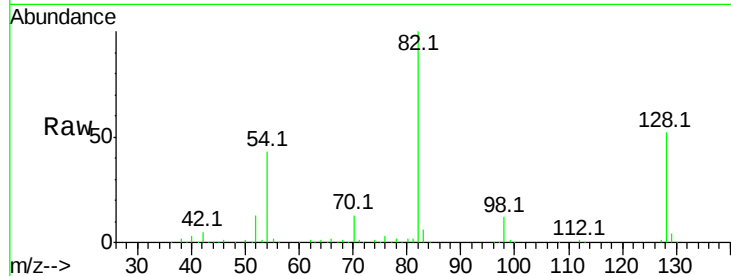




#23
 Nitrobenzene-d5
 Concen: 91.627 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF100157.D
 Acq: 4 Nov 2017 2:41

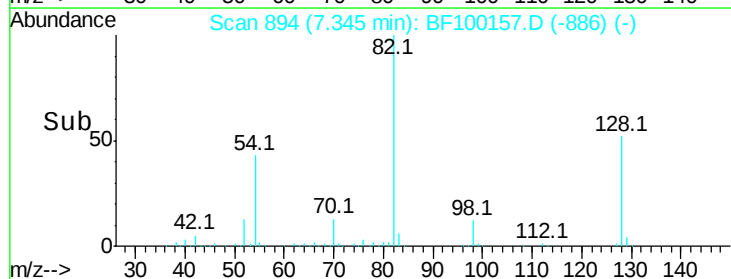
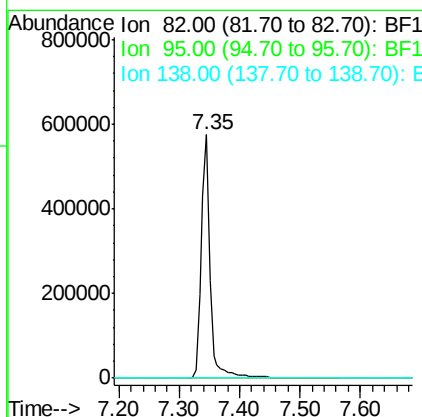
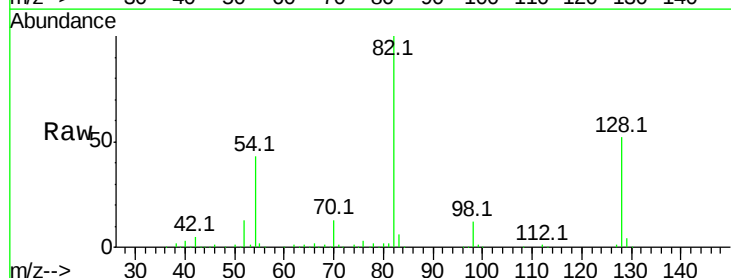
Instrument :
 BNA_F
 ClientSampled :

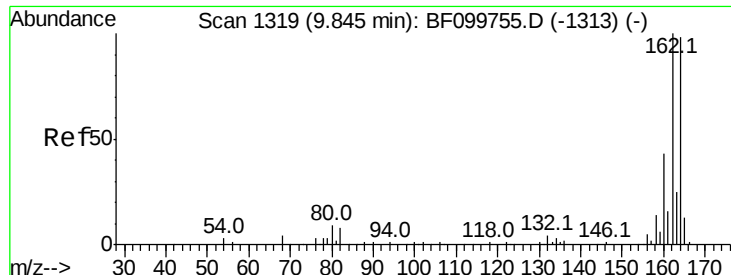
Tot Ion:	82	Resp:	590717
Ion	Ratio	Lower	Upper
82	100		
128	52.0	36.1	54.1
54	42.7	41.4	62.2



#25
 Isophorone
 Concen: 50.495 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.25 min
 Lab File: BF100157.D
 Acq: 4 Nov 2017 2:41

Tgt Ion:	82	Resp:	590717
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

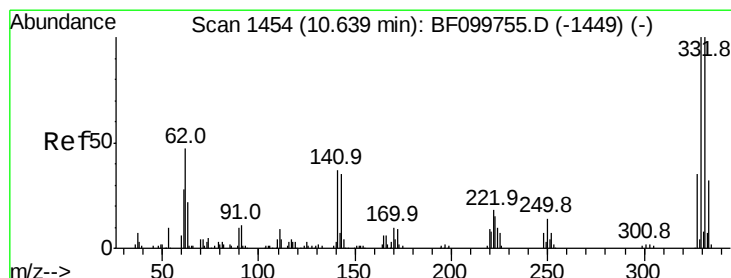
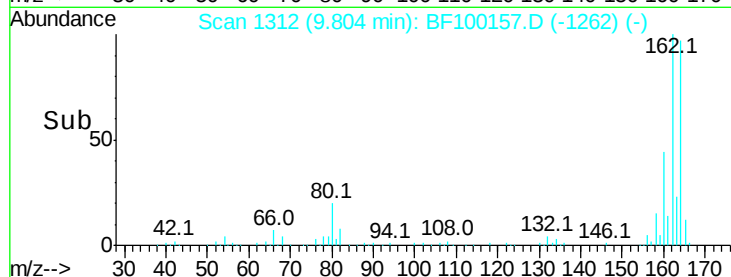
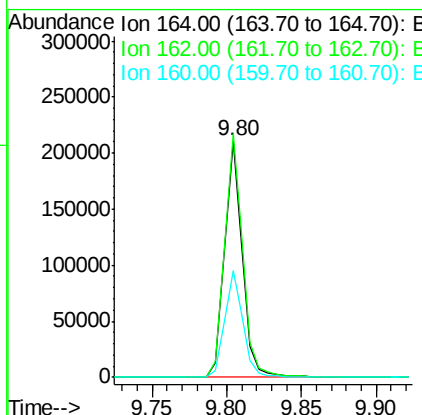
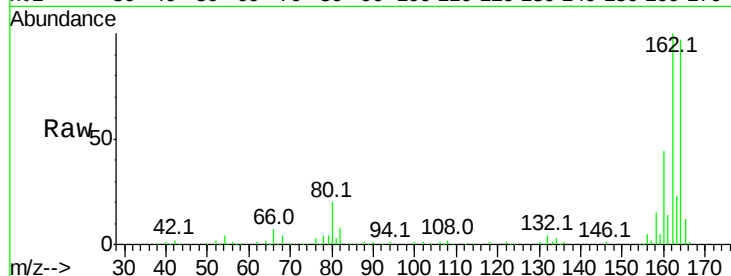




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100157.D
Acq: 4 Nov 2017 2:41

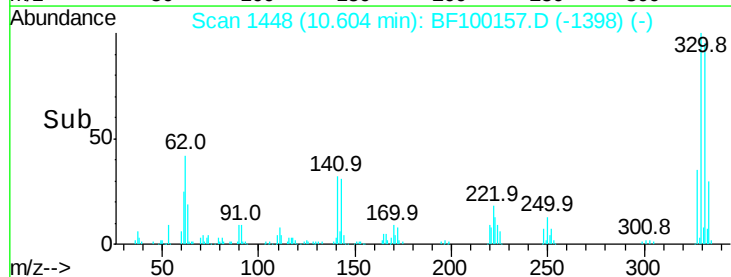
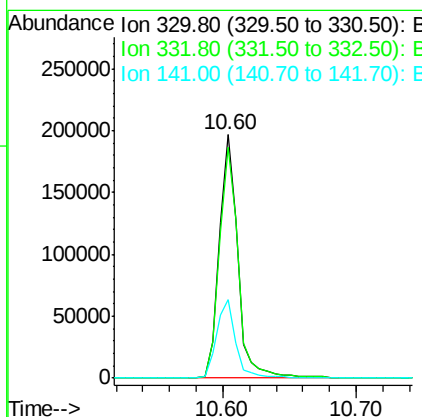
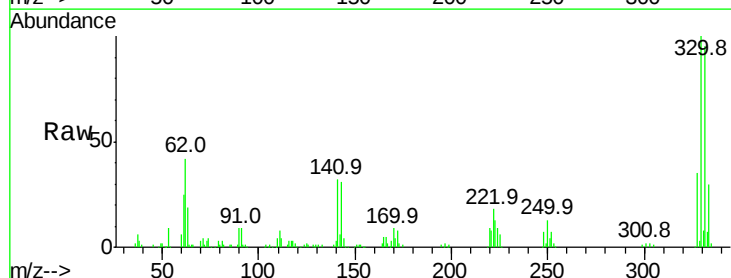
Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 179687
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 45.2 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 118.423 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF100157.D
Acq: 4 Nov 2017 2:41

Tgt Ion:330 Resp: 193919
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 33.8 29.9 44.9



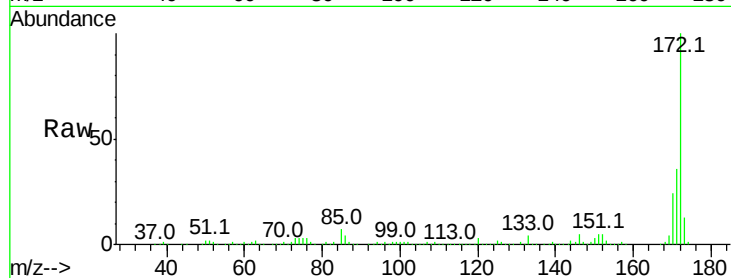


#44
 2-Fluorobiphenyl
 Concen: 95.652 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF100157.D
 Acq: 4 Nov 2017 2:41

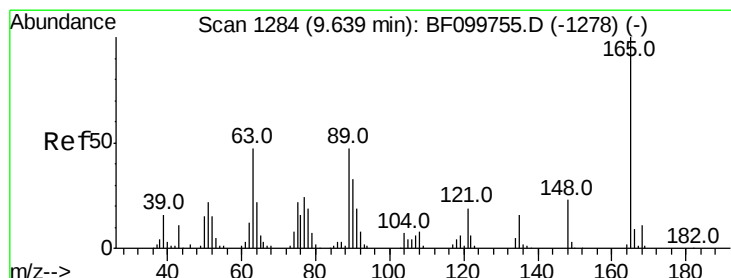
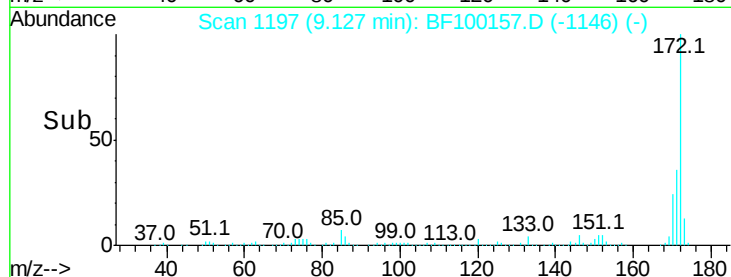
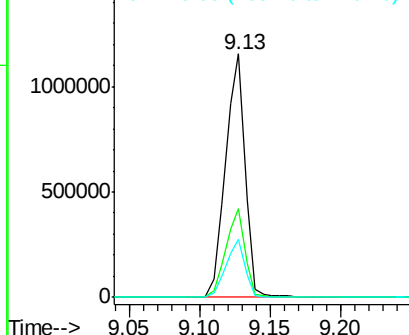
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1114009

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.8	19.6	29.4



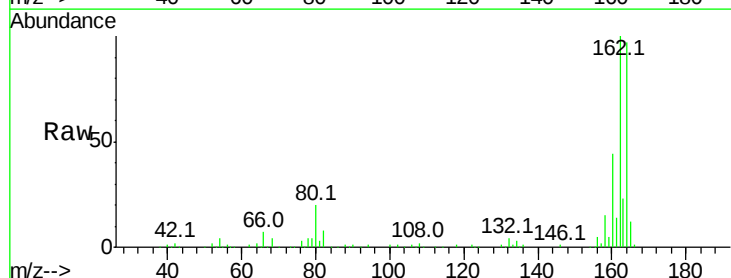
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



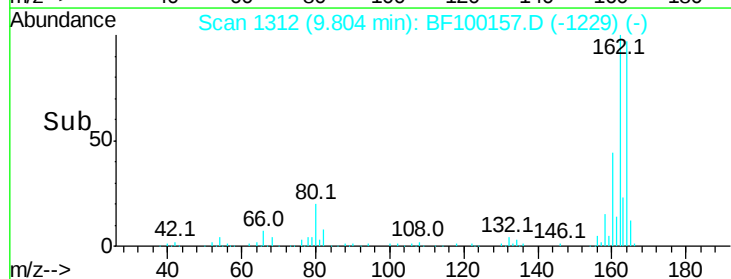
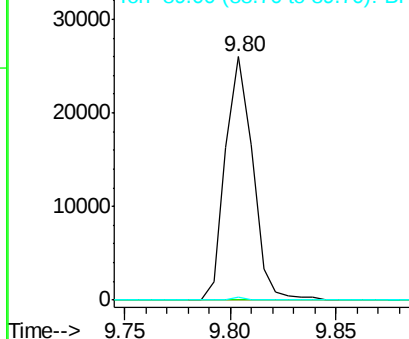
#50
 2,6-Dinitrotoluene
 Concen: 7.807 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF100157.D
 Acq: 4 Nov 2017 2:41

Tgt Ion:165 Resp: 23354

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.3	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

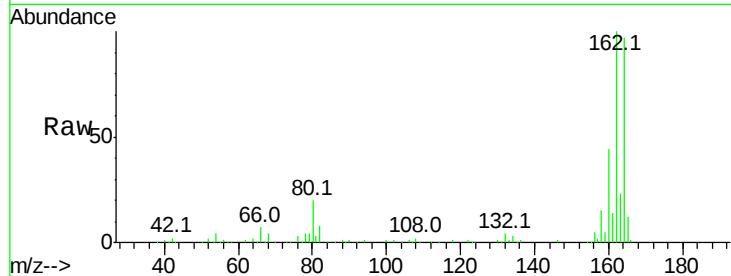




#56
 2,4-Dinitrotoluene
 Concen: 6.483 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.22 min
 Lab File: BF100157.D
 Acq: 4 Nov 2017 2:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

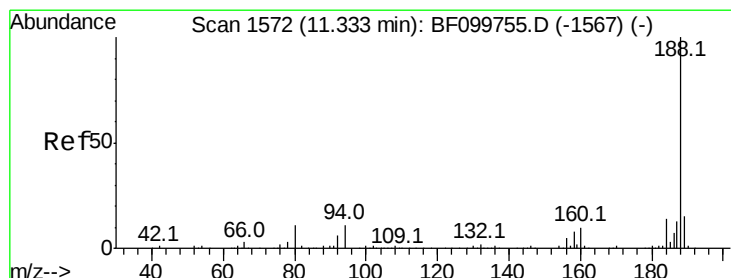
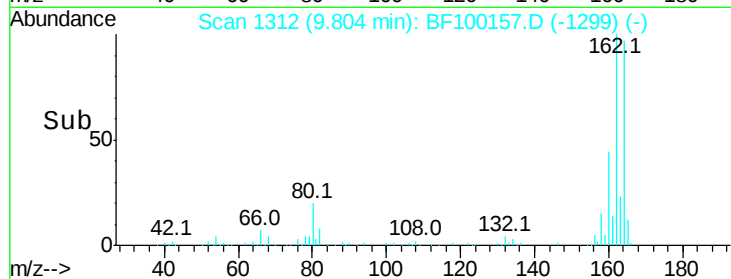
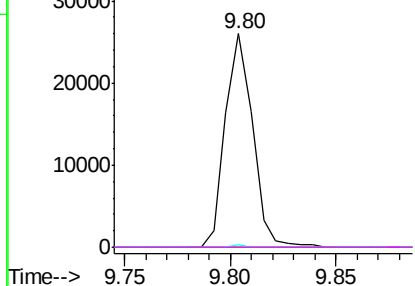


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

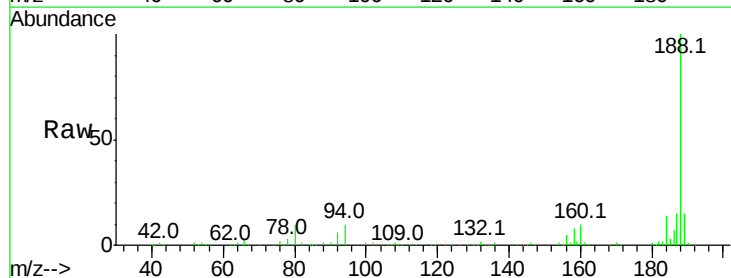
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF100157.D
 Acq: 4 Nov 2017 2:41

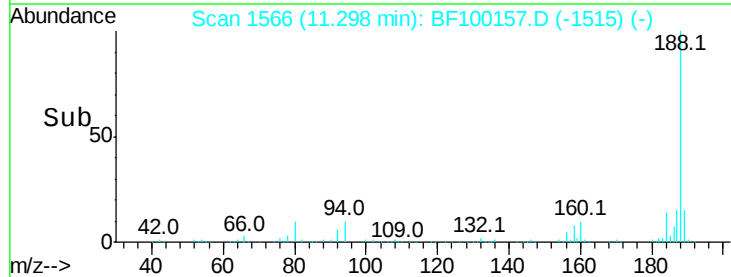
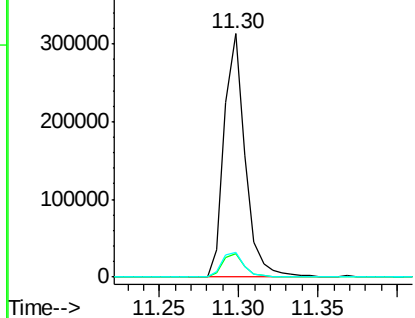
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.1	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

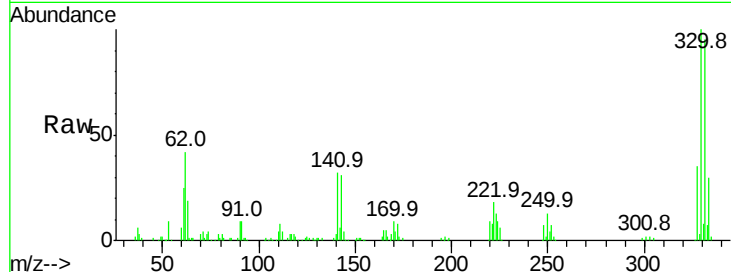




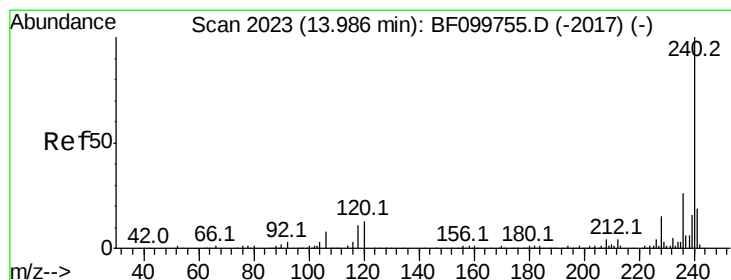
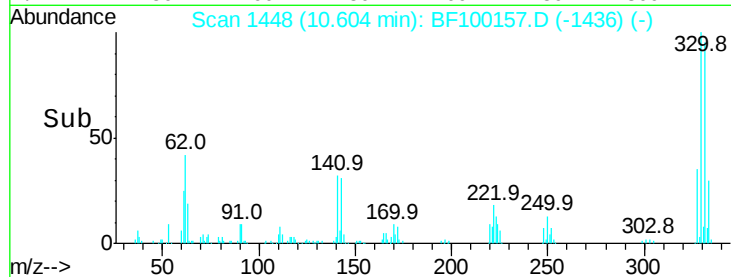
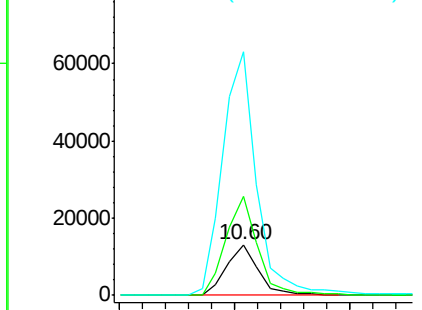
#66
 4-Bromophenyl-phenylether
 Concen: 4.156 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.23 min
 Lab File: BF100157.D
 Acq: 4 Nov 2017 2:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 12604
 Ion Ratio Lower Upper
 248 100
 250 195.3 76.9 115.3#
 141 482.0 74.4 111.6#

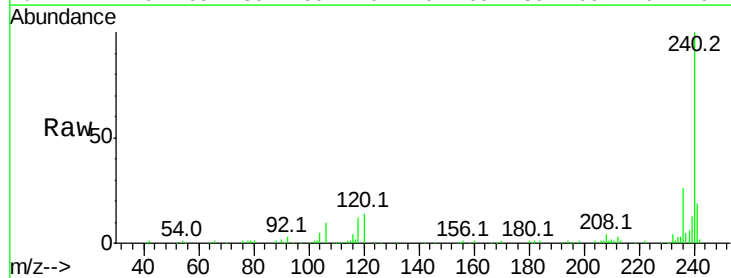


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

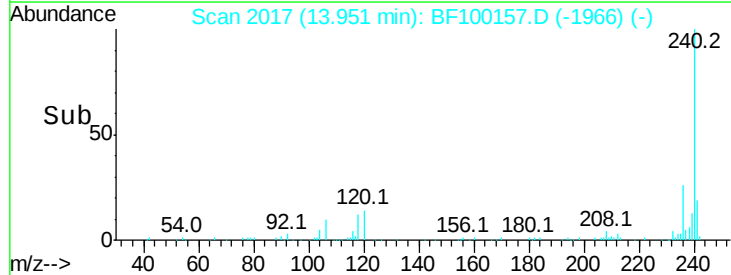
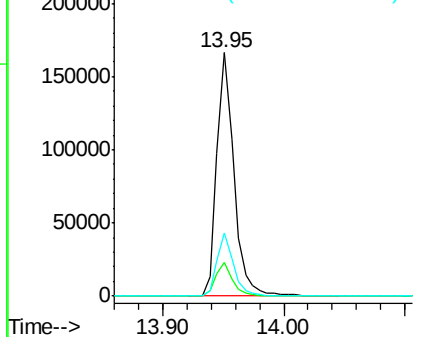


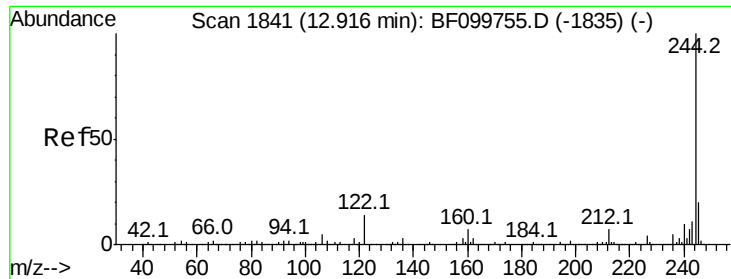
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF100157.D
 Acq: 4 Nov 2017 2:41

Tgt Ion:240 Resp: 161781
 Ion Ratio Lower Upper
 240 100
 120 14.1 9.5 14.3
 236 26.0 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: 103.457 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BF100157.D

Acq: 4 Nov 2017 2:41

Instrument :

BNA_F

ClientSampleId :

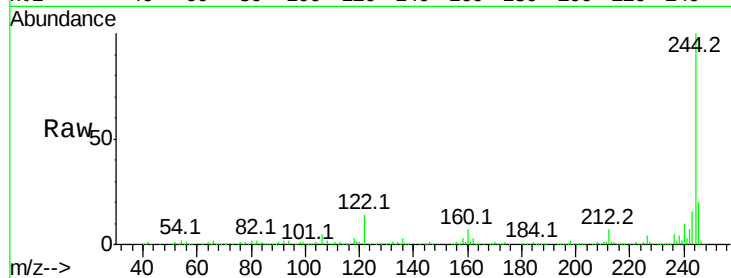
Tot Ion:244 Resp: 765884

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 13.5 11.0 16.4

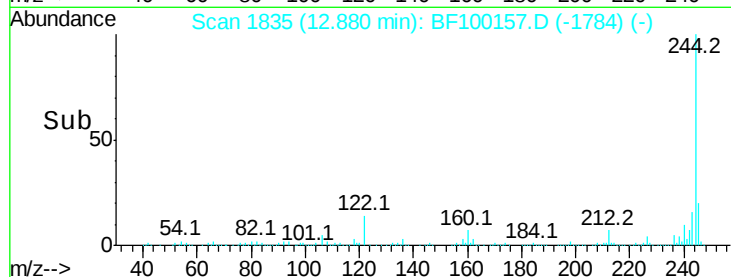


Abundance Ion 244.00 (243.70 to 244.70): E

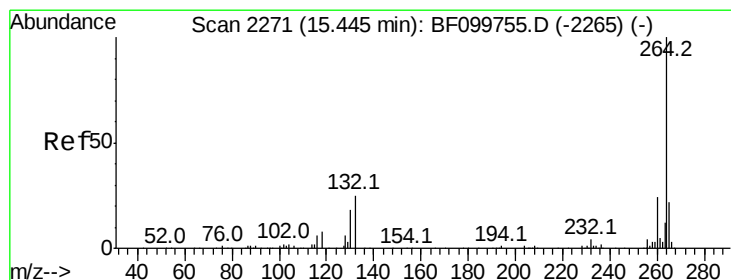
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. 0.00 min

Lab File: BF100157.D

Acq: 4 Nov 2017 2:41

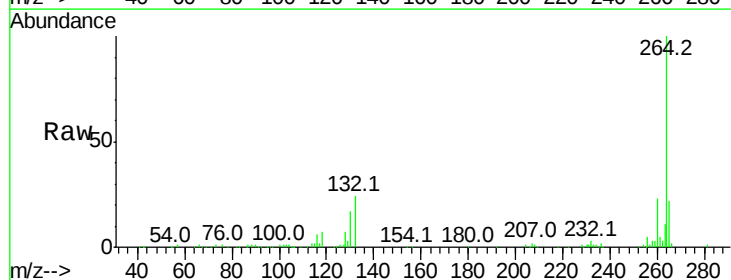
Tgt Ion:264 Resp: 166862

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.5 17.5 26.3

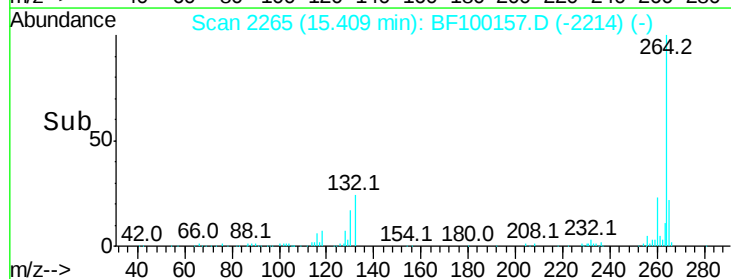


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->