

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110317\
 Data File : BF100151.D
 Acq On : 3 Nov 2017 22:47
 Operator : SJ/JU
 Sample : I6277-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 04 00:05:14 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

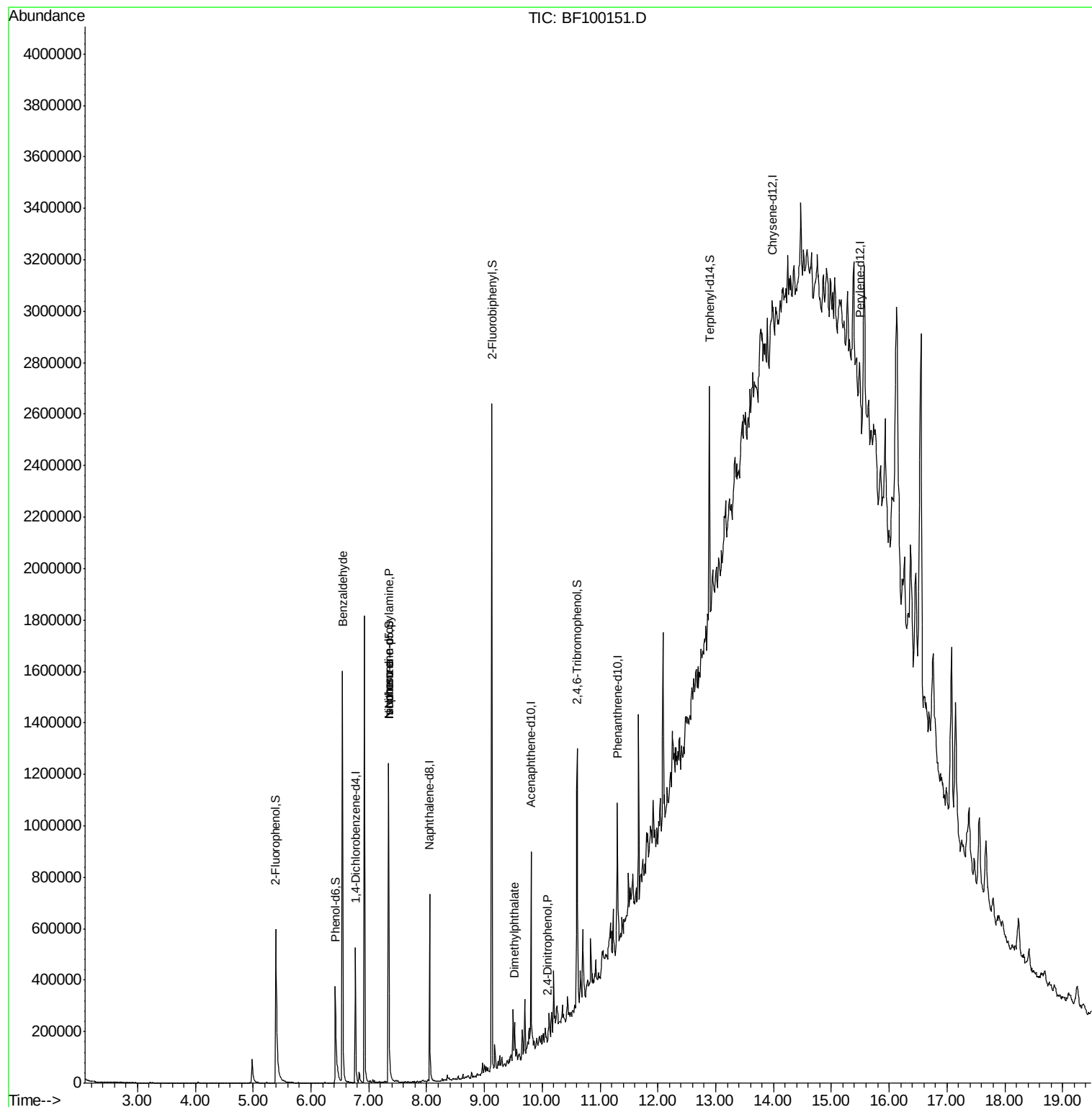
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	88797	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	359312	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	147089	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	198639	20.00	ng	0.00
75) Chrysene-d12	13.97	240	94630	20.00	ng	0.02
86) Perylene-d12	15.49	264	90841	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	322971	57.10	ng	0.00
7) Phenol-d6	6.42	99	248756	37.09	ng	0.00
23) Nitrobenzene-d5	7.35	82	470573	84.32	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	135605	101.16	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	881639	92.48	ng	0.00
78) Terphenyl-d14	12.89	244	457565	105.67	ng	0.01
Target Compounds						
9) Benzaldehyde	6.55	77	9909	2.473	ng	93
19) n-Nitroso-di-n-propylamine	7.35	70	59202	15.064	ng	# 70
25) Isophorone	7.35	82	470573	46.466	ng	# 64
49) Dimethylphthalate	9.52	163	63704	5.469	ng	100
53) 2,4-Dinitrophenol	10.09	184	596	6.333	ng	# 48

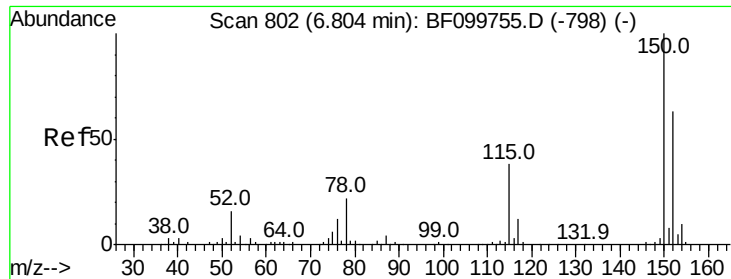
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 03 15:46:10 2017
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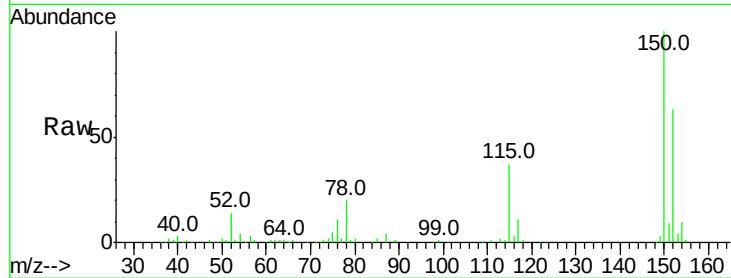


#1

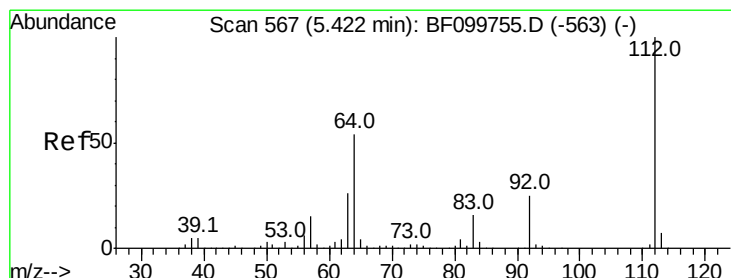
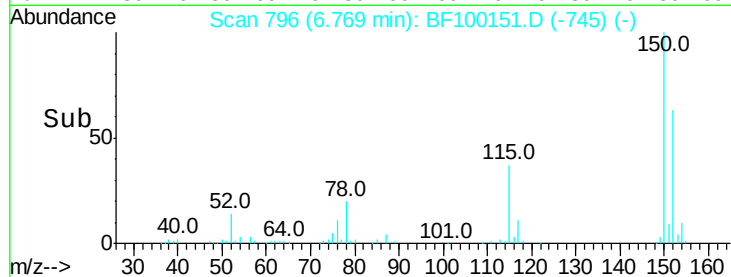
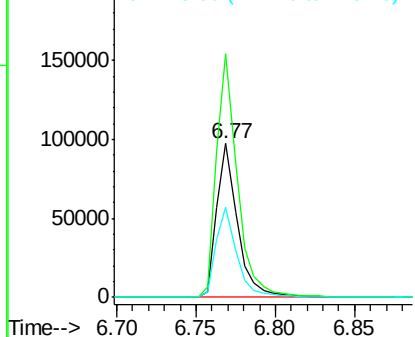
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100151.D
Acq: 3 Nov 2017 22:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88797
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 58.3 50.1 75.1



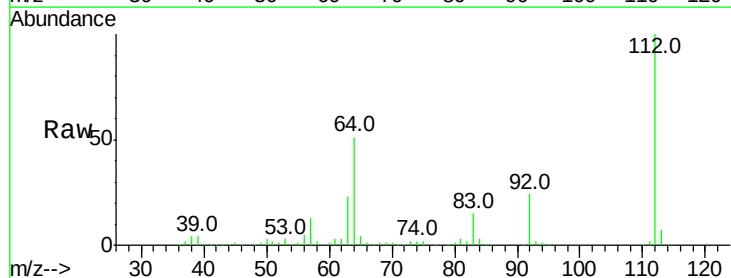
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



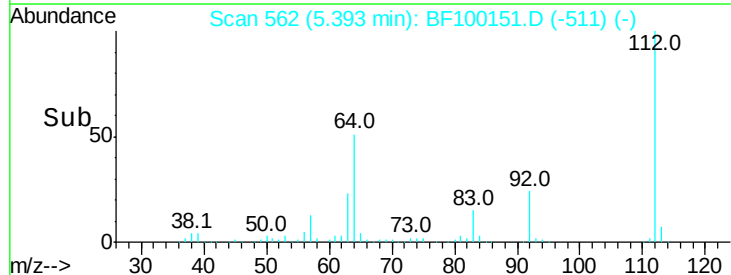
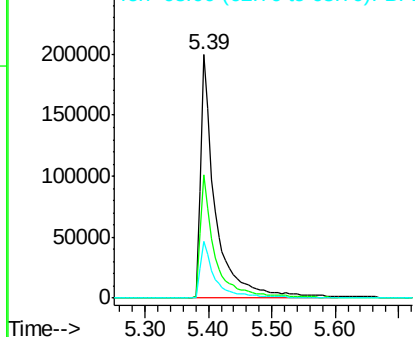
#5

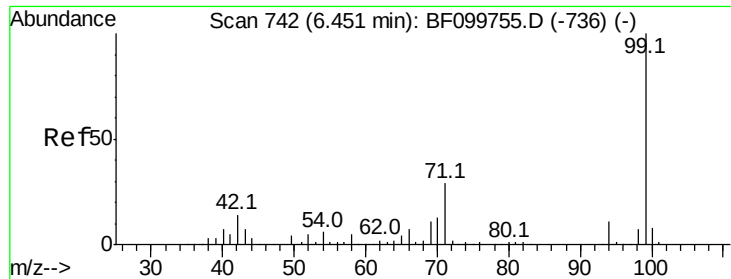
2-Fluorophenol
Concen: 57.103 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100151.D
Acq: 3 Nov 2017 22:47

Tgt Ion:112 Resp: 322971
Ion Ratio Lower Upper
112 100
64 50.7 47.9 71.9
63 23.4 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: 37.092 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100151.D

Acq: 3 Nov 2017 22:47

Instrument :

BNA_F

ClientSampleId :

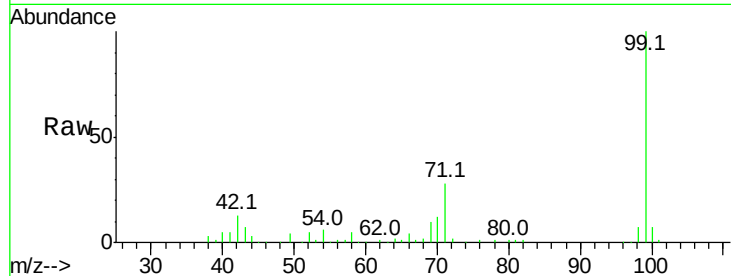
Tot Ion: 99 Resp: 248756

Ion Ratio Lower Upper

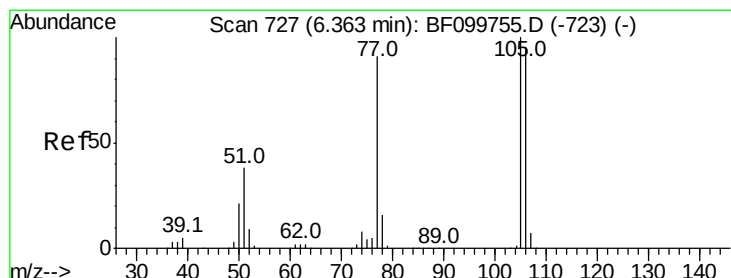
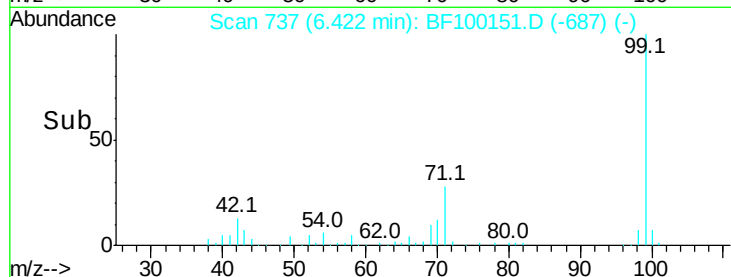
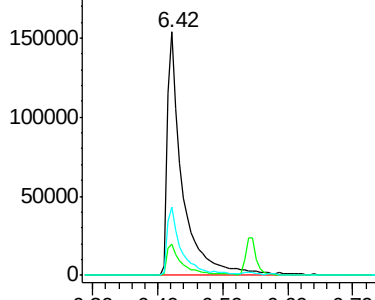
99 100

42 12.7 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: 2.473 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.21 min

Lab File: BF100151.D

Acq: 3 Nov 2017 22:47

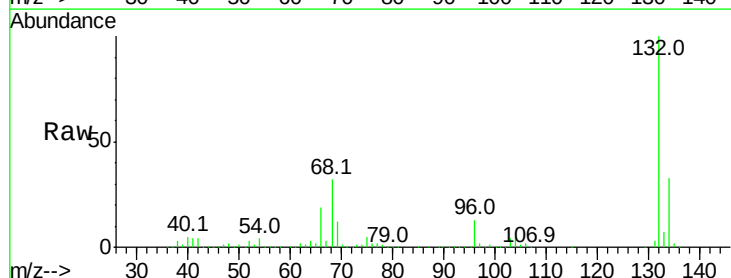
Tgt Ion: 77 Resp: 9909

Ion Ratio Lower Upper

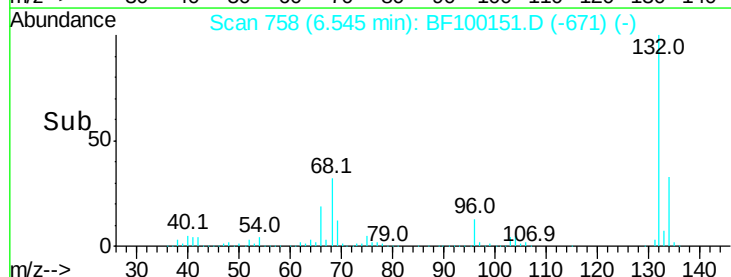
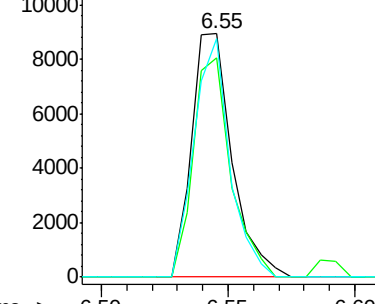
77 100

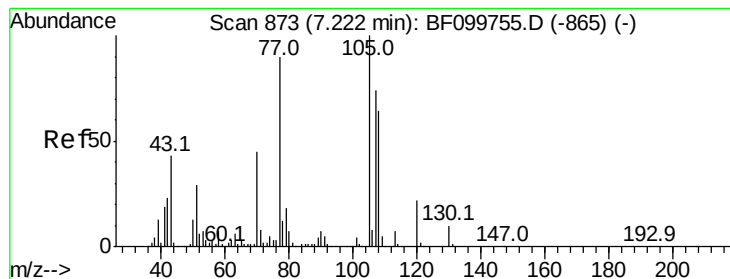
105 89.9 81.1 121.1

106 97.7 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: 15.064 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.15 min

Lab File: BF100151.D

Acq: 3 Nov 2017 22:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 59202

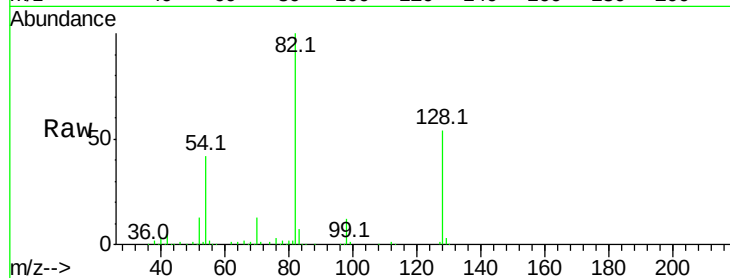
Ion Ratio Lower Upper

70 100

42 38.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

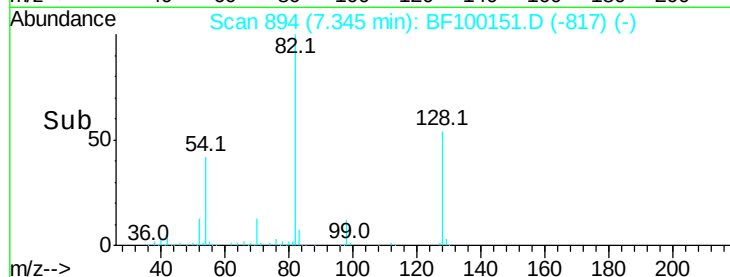


Abundance Ion 70.00 (69.70 to 70.70): BF1

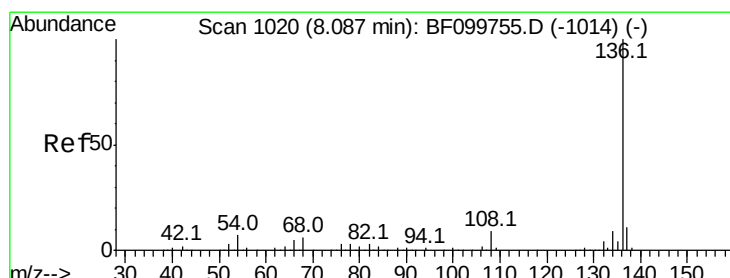
Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF100151.D

Acq: 3 Nov 2017 22:47

Tgt Ion: 136 Resp: 359312

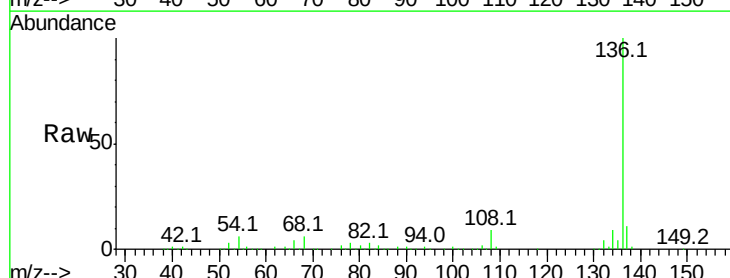
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.1 6.6 9.8#

68 5.6 5.0 7.4

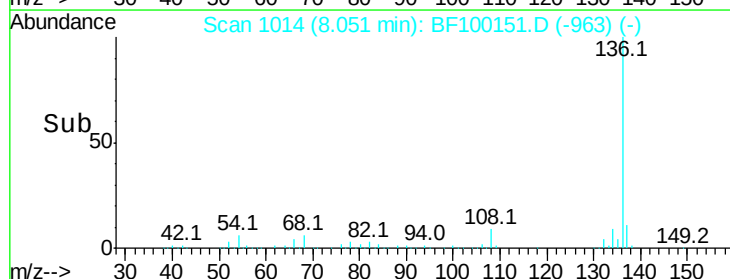


Abundance Ion 136.00 (135.70 to 136.70): BF1

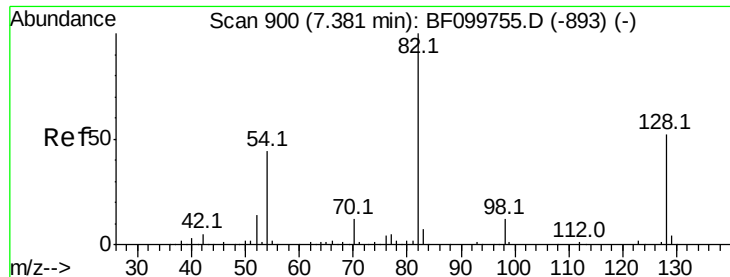
Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



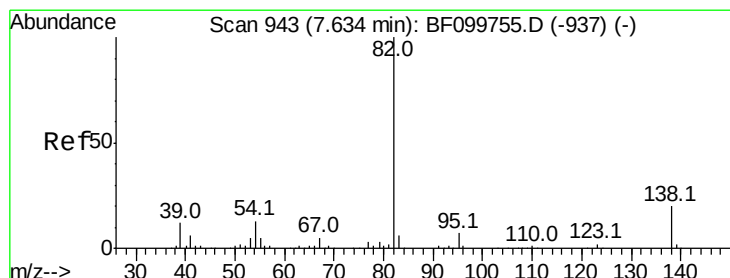
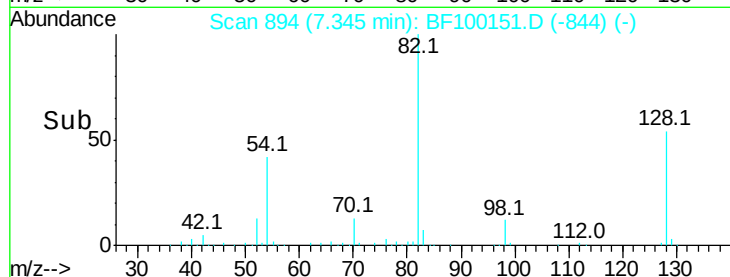
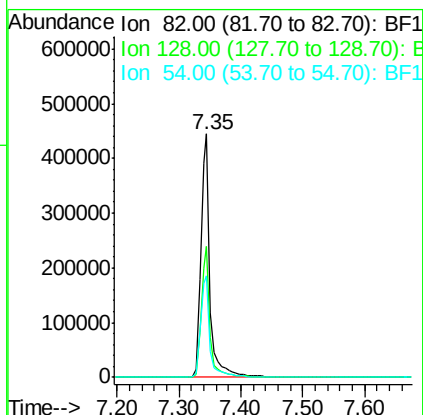
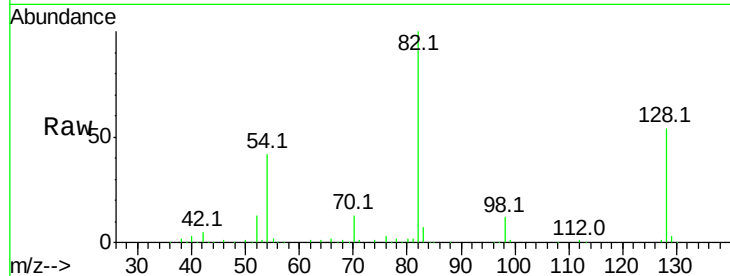
Time-->



#23
Nitrobenzene-d5
Concen: 84.316 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF100151.D
Acq: 3 Nov 2017 22:47

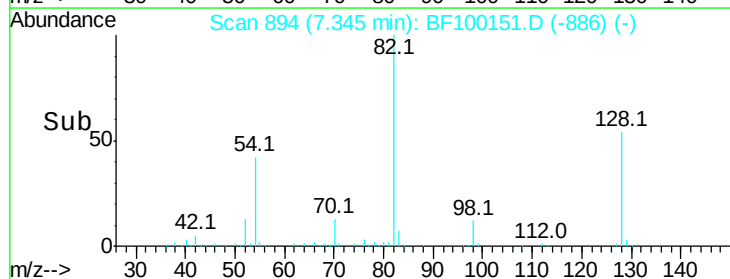
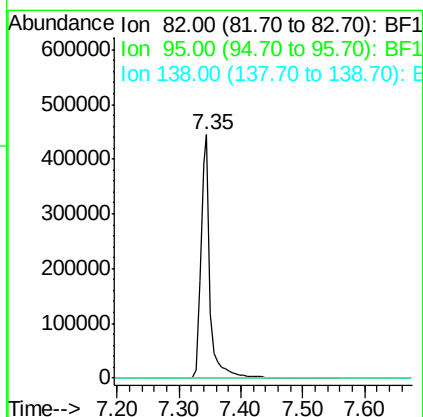
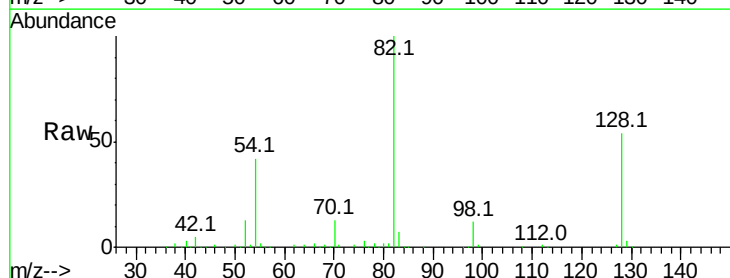
Instrument :
BNA_F
ClientSampled :

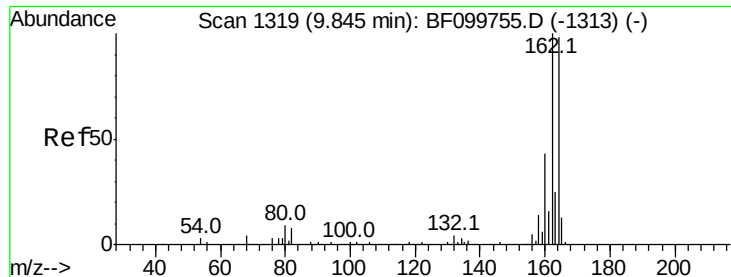
Tot Ion: 82 Resp: 470573
Ion Ratio Lower Upper
82 100
128 53.6 36.1 54.1
54 41.9 41.4 62.2



#25
Isophorone
Concen: 46.466 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.25 min
Lab File: BF100151.D
Acq: 3 Nov 2017 22:47

Tgt Ion: 82 Resp: 470573
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

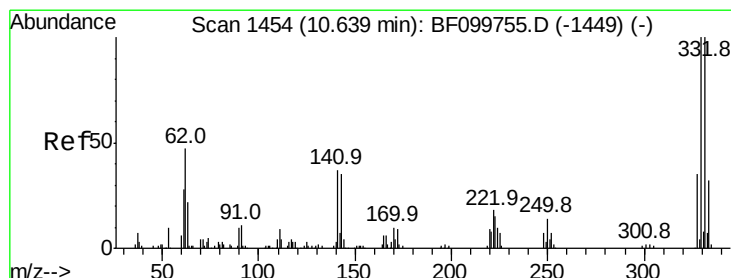
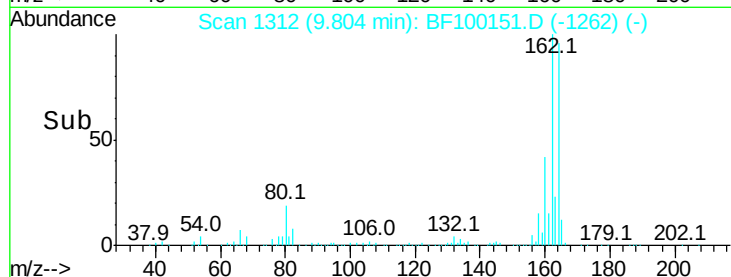
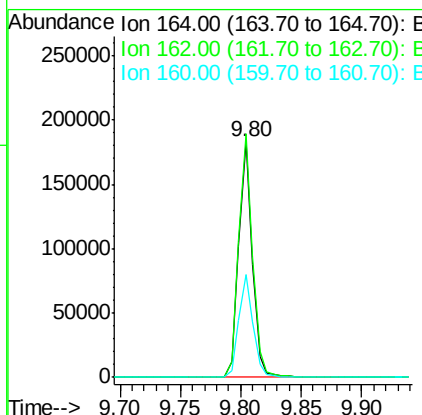
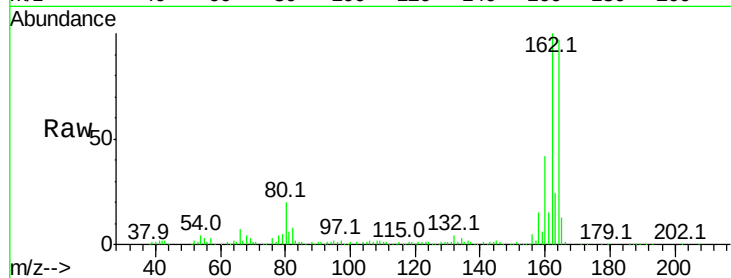




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF100151.D
 Acq: 3 Nov 2017 22:47

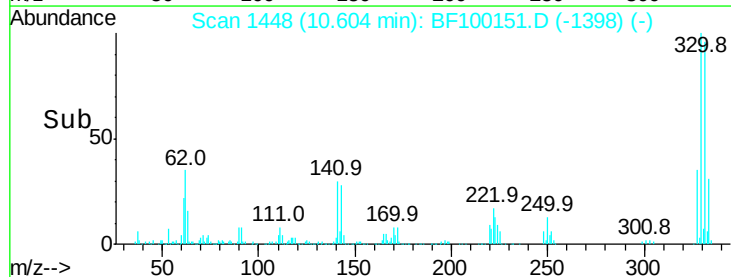
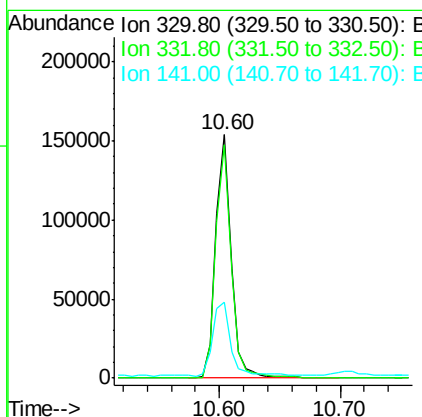
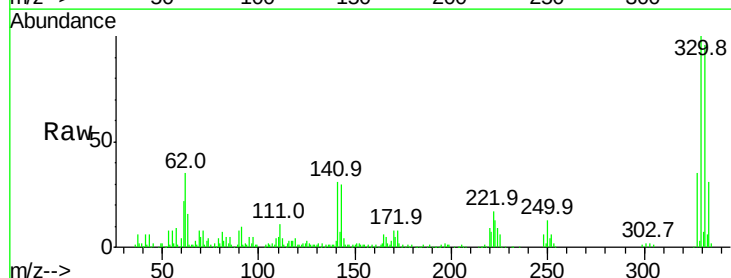
Instrument :
 BNA_F
 ClientSampleId :

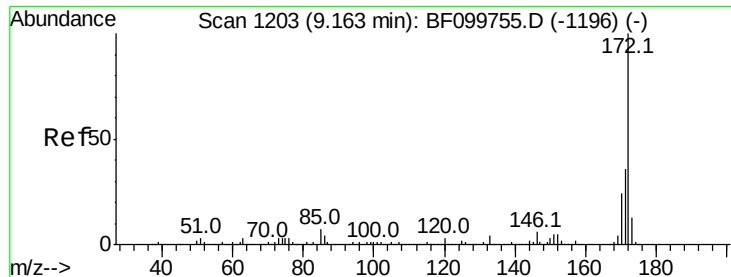
Tot Ion:164 Resp: 147089
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 43.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 101.164 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100151.D
 Acq: 3 Nov 2017 22:47

Tgt Ion:330 Resp: 135605
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 35.4 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 92.476 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF100151.D

Acq: 3 Nov 2017 22:47

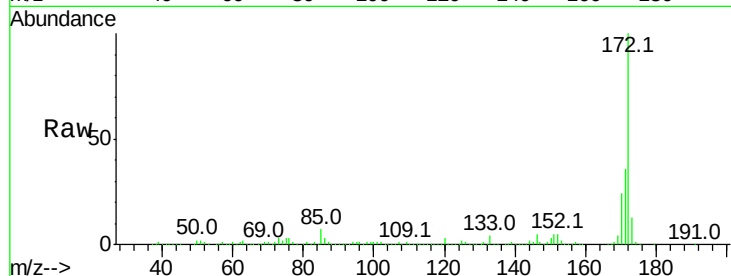
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 881639

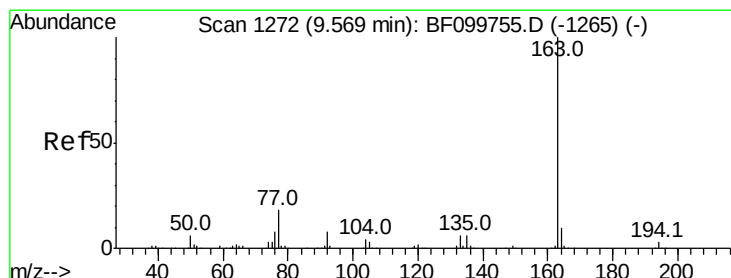
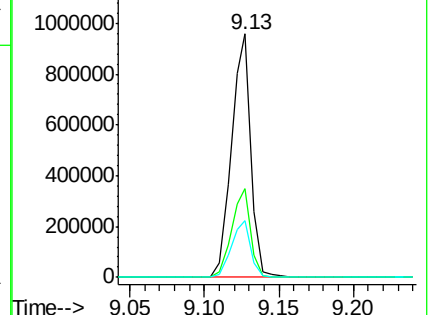
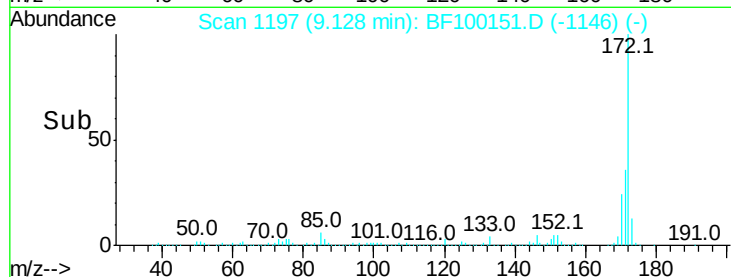
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.5	19.6	29.4



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: 5.469 ng

RT: 9.52 min Scan# 1264

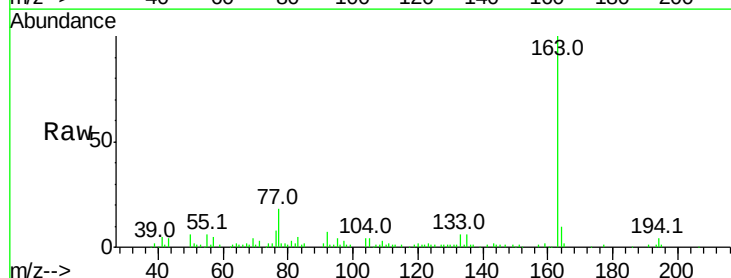
Delta R.T. -0.01 min

Lab File: BF100151.D

Acq: 3 Nov 2017 22:47

Tgt Ion:163 Resp: 63704

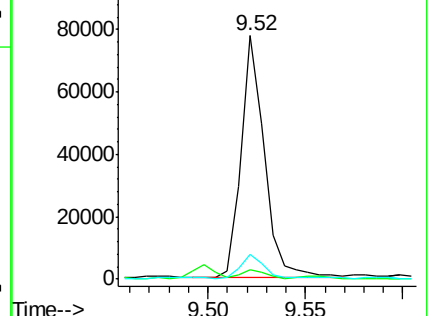
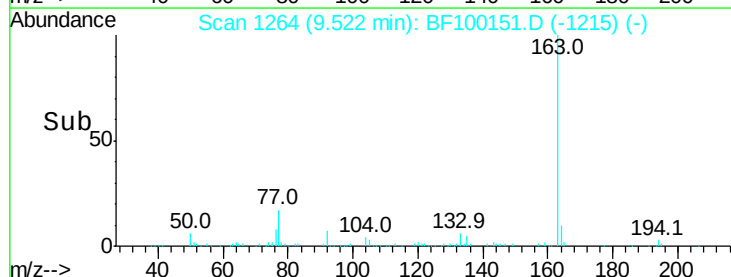
Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.2	8.2	12.2

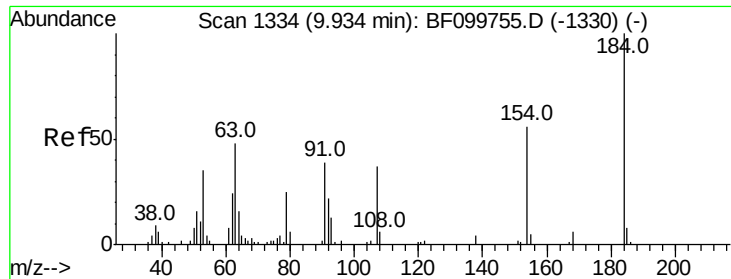


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

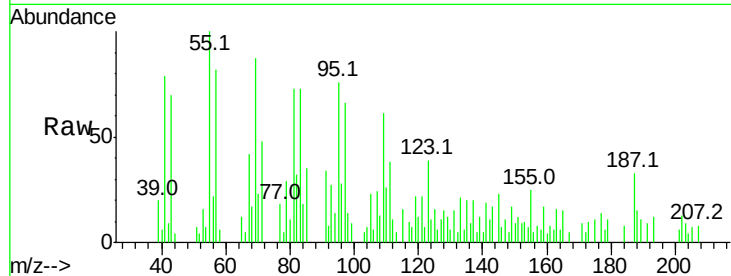




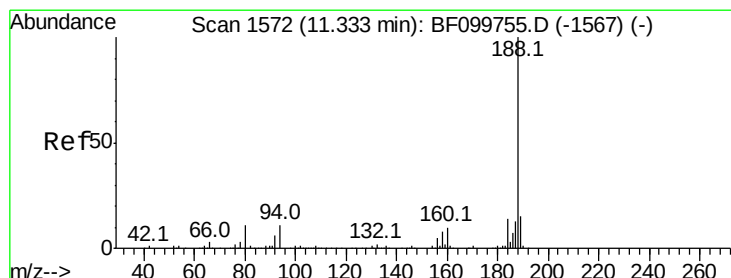
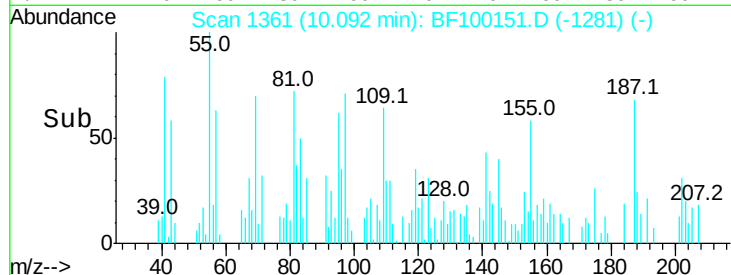
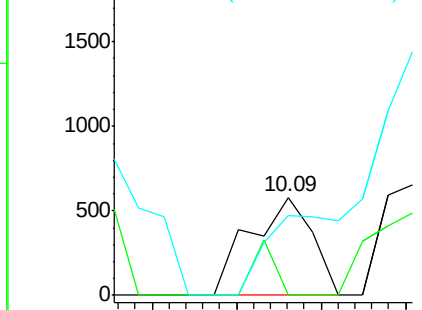
#53
 2,4-Dinitrophenol
 Concen: 6.333 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.17 min
 Lab File: BF100151.D
 Acq: 3 Nov 2017 22:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 596
 Ion Ratio Lower Upper
 184 100
 63 0.0 54.2 81.2#
 154 82.1 53.5 80.3#

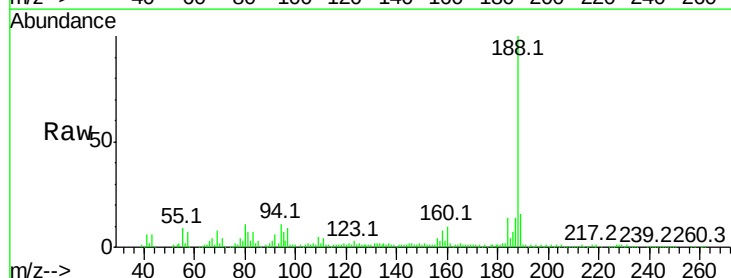


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

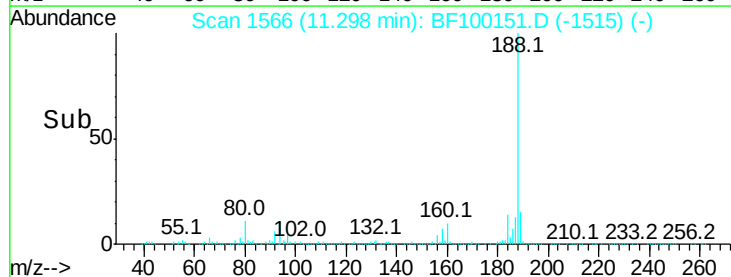
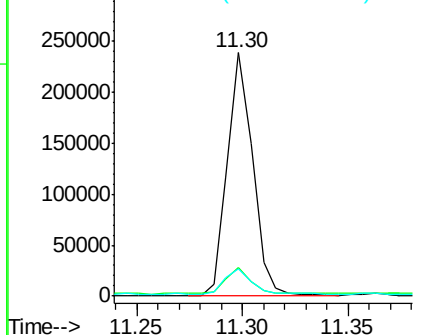


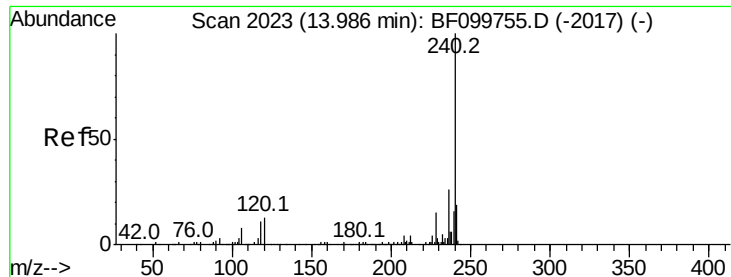
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF100151.D
 Acq: 3 Nov 2017 22:47

Tgt Ion:188 Resp: 198639
 Ion Ratio Lower Upper
 188 100
 94 11.5 8.5 12.7
 80 11.4 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.02 min

Lab File: BF100151.D

Acq: 3 Nov 2017 22:47

Instrument :

BNA_F

ClientSampleId :

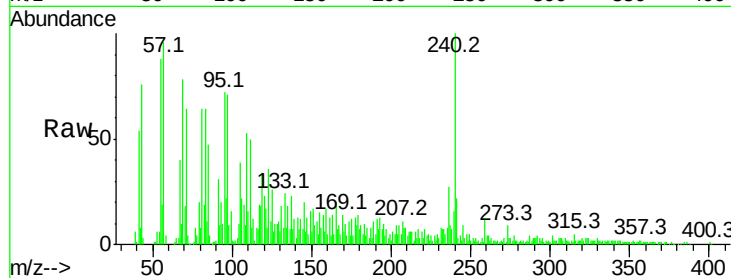
Tot Ion:240 Resp: 94630

Ion Ratio Lower Upper

240 100

120 22.7 9.5 14.3#

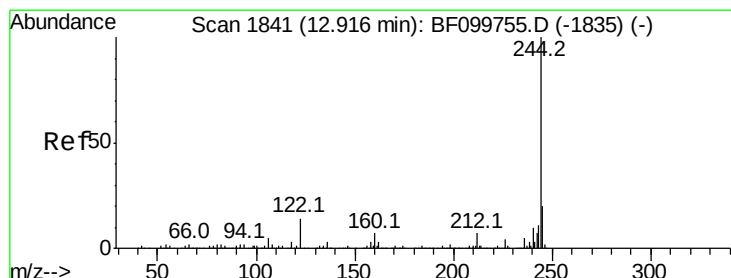
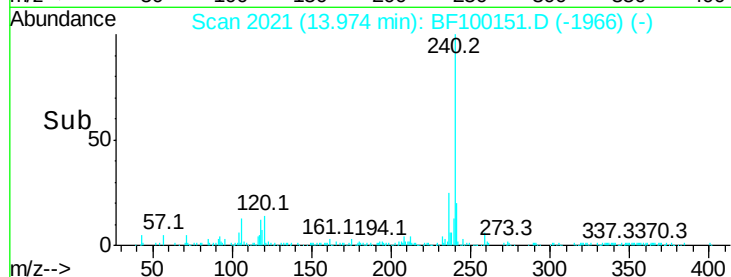
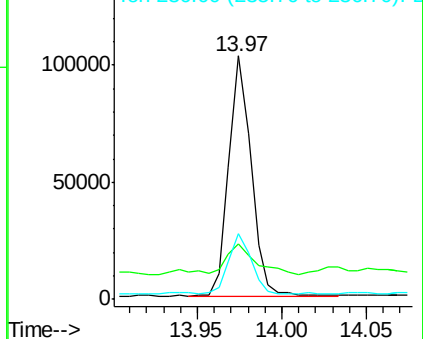
236 27.2 20.7 31.1



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: 105.669 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF100151.D

Acq: 3 Nov 2017 22:47

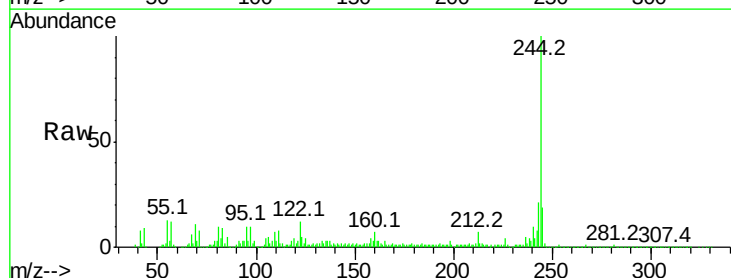
Tgt Ion:244 Resp: 457565

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

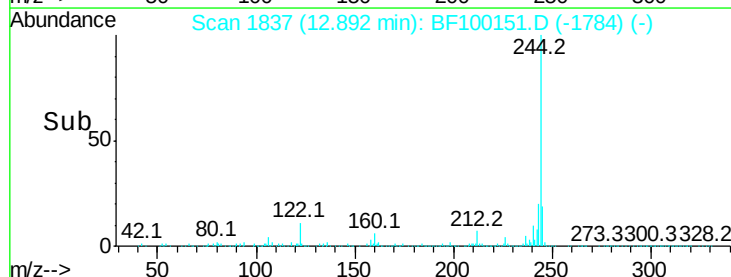
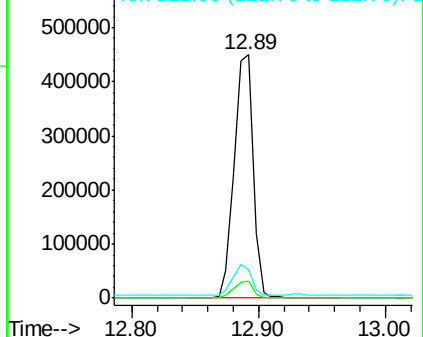
122 11.9 11.0 16.4

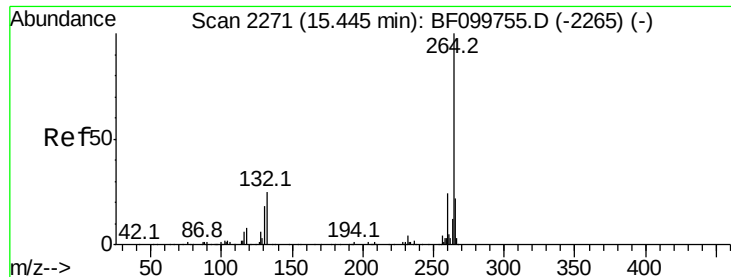


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

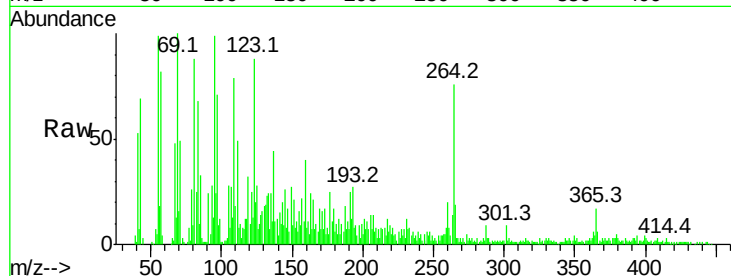




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.08 min
Lab File: BF100151.D
Acq: 3 Nov 2017 22:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.6	19.2	28.8
265	25.1	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

