

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101184.D
 Acq On : 6 Dec 2017 22:40
 Operator : SJ/JU
 Sample : I6722-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Dec 06 23:53:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

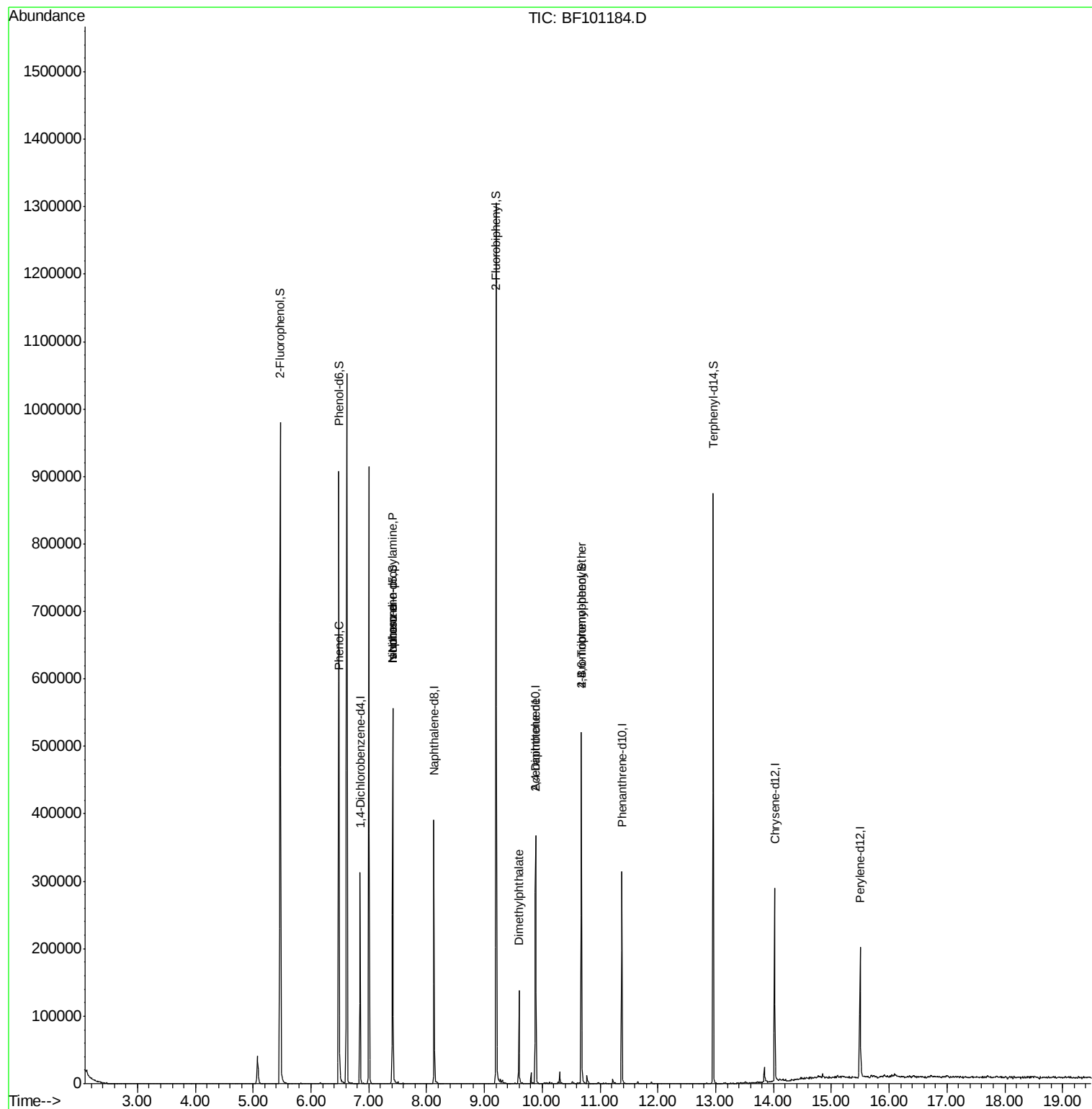
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	44869	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	168481	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	70119	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	114125	20.00	ng	0.00
75) Chrysene-d12	14.02	240	105334	20.00	ng	0.00
86) Perylene-d12	15.50	264	99401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	265501	97.78	ng	0.00
7) Phenol-d6	6.48	99	304843	92.47	ng	0.00
23) Nitrobenzene-d5	7.42	82	187960	66.55	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	64528	76.61	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	393353	76.75	ng	0.00
78) Terphenyl-d14	12.96	244	287287	59.66	ng	0.00
Target Compounds						
10) Phenol	6.49	94	9801	2.674	ng	91
19) n-Nitroso-di-n-propylamine	7.42	70	24430	11.004	ng	# 80
25) Isophorone	7.42	82	187957	38.960	ng	# 64
49) Dimethylphthalate	9.60	163	58293	10.308	ng	100
56) 2,4-Dinitrotoluene	9.89	165	8560	5.363	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	3880	3.037	ng	# 1

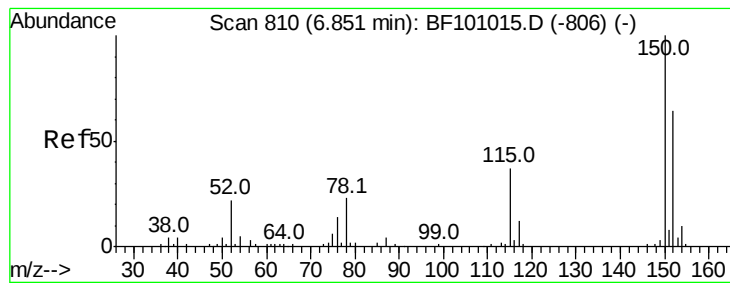
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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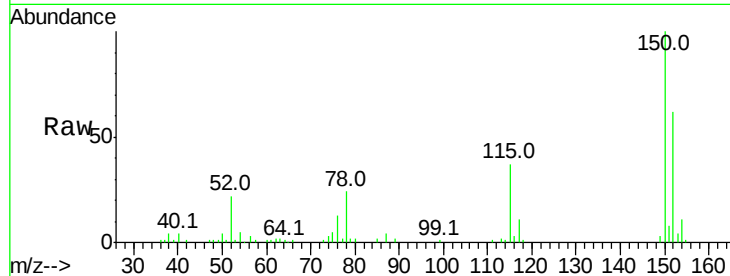


#1

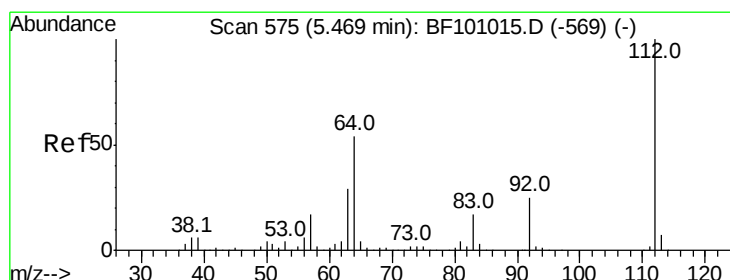
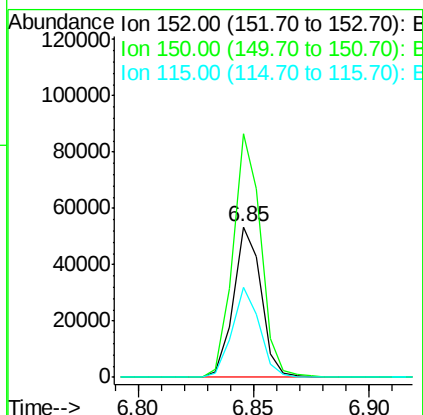
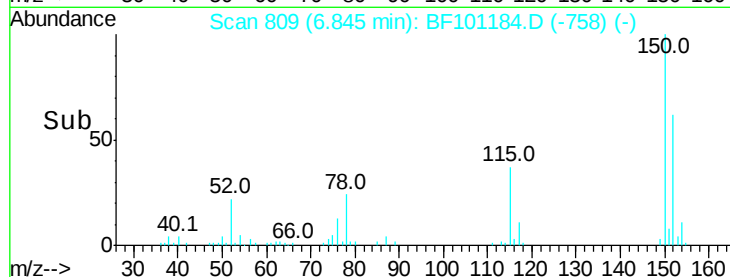
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101184.D
Acq: 6 Dec 2017 22:40

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion:152 Resp: 44869
Ion Ratio Lower Upper
152 100
150 161.6 124.6 186.8
115 59.5 50.1 75.1



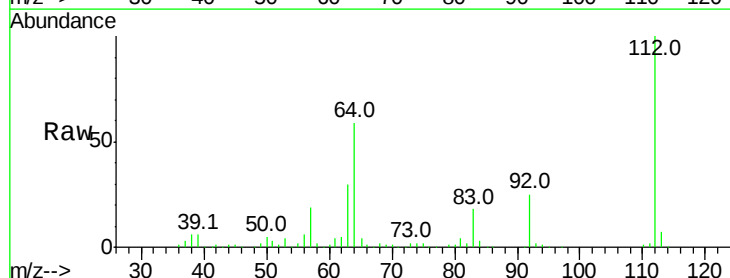
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



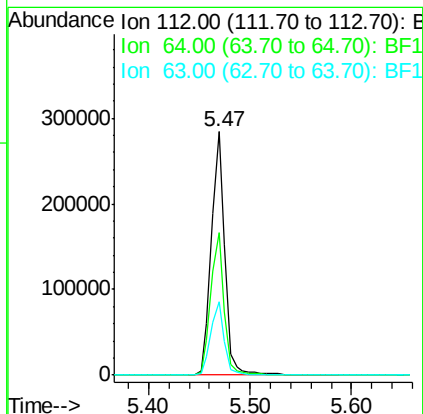
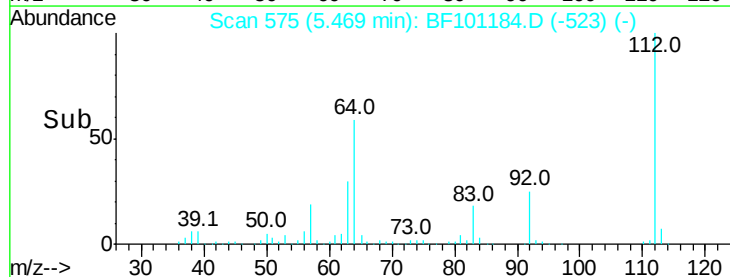
#5

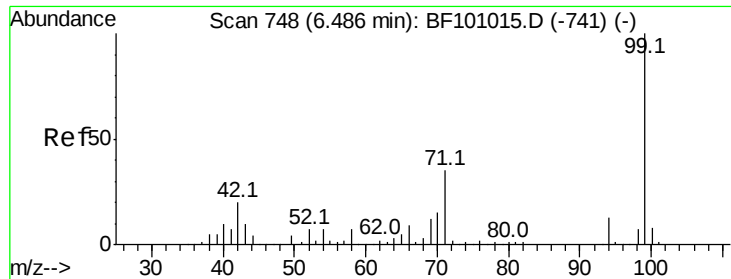
2-Fluorophenol
Concen: 97.779 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101184.D
Acq: 6 Dec 2017 22:40

Tgt Ion:112 Resp: 265501
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 30.3 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: 92.470 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101184.D

Acq: 6 Dec 2017 22:40

Instrument :

BNA_F

ClientSampleId :

SP-1

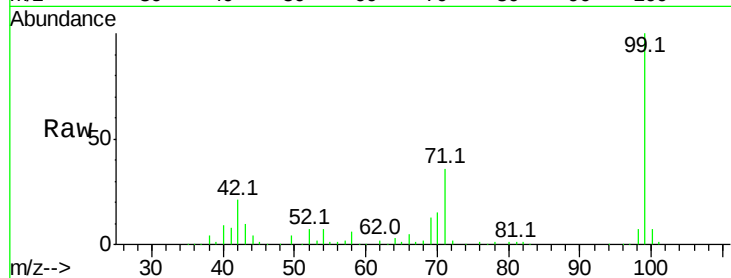
Tot Ion: 99 Resp: 304843

Ion Ratio Lower Upper

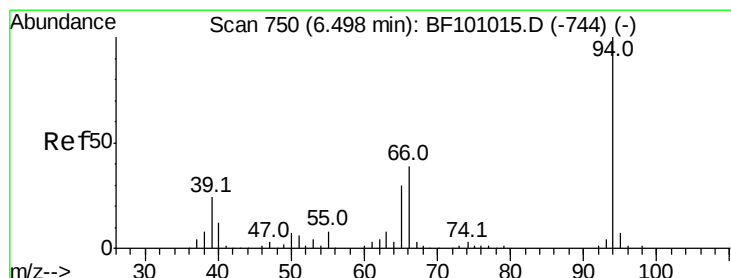
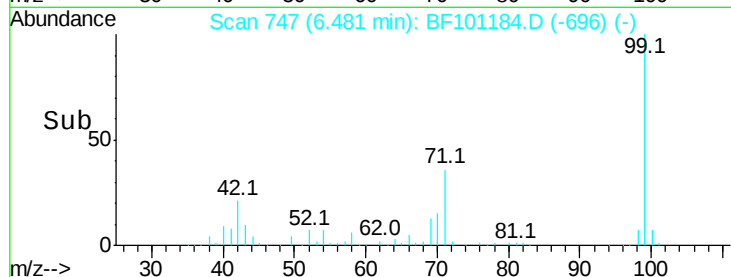
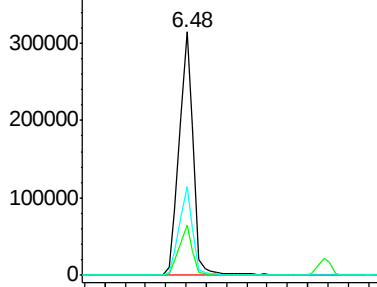
99 100

42 20.5 14.5 21.7

71 36.3 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



#10

Phenol

Concen: 2.674 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101184.D

Acq: 6 Dec 2017 22:40

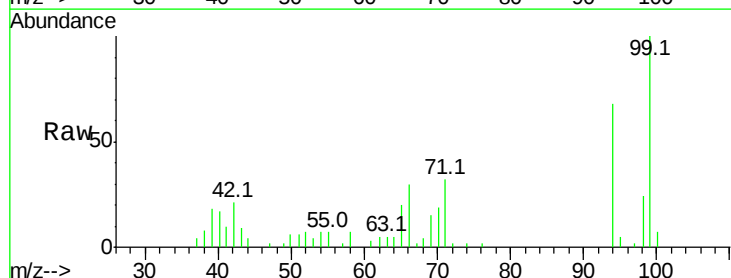
Tgt Ion: 94 Resp: 9801

Ion Ratio Lower Upper

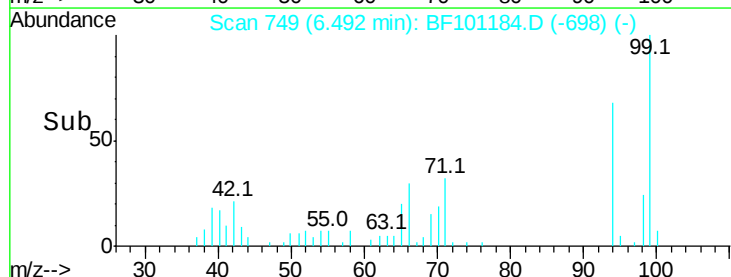
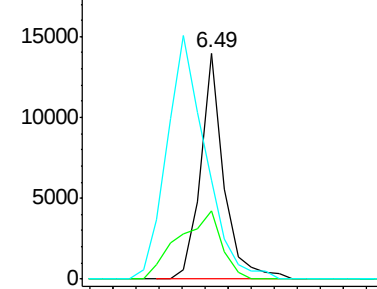
94 100

65 30.1 7.9 47.9

66 43.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

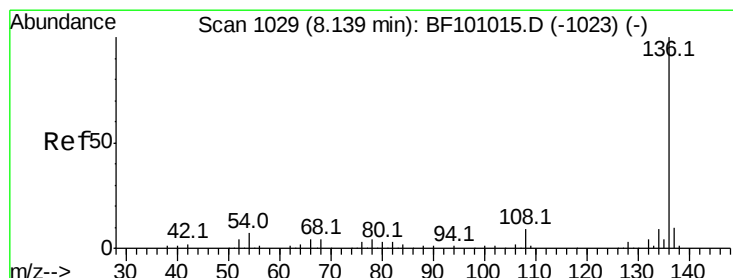
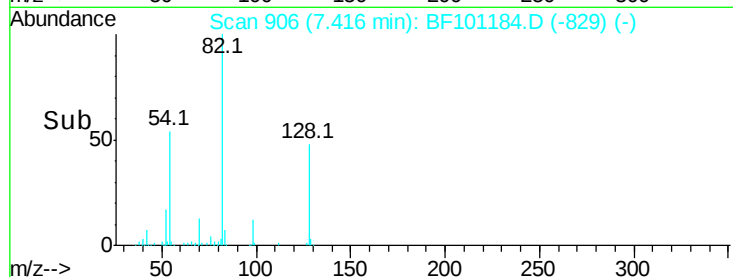
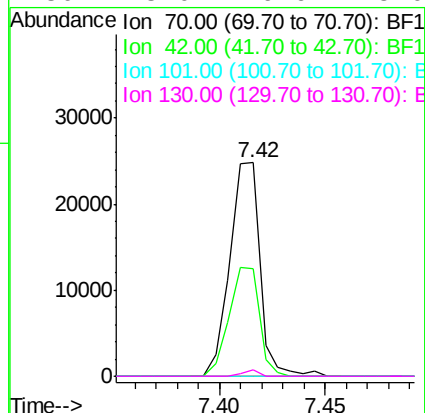
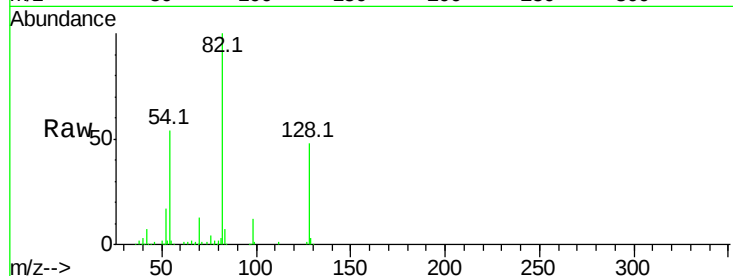




#19
n-Nitroso-di-n-propylamine
Concen: 11.004 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101184.D
Acq: 6 Dec 2017 22:40

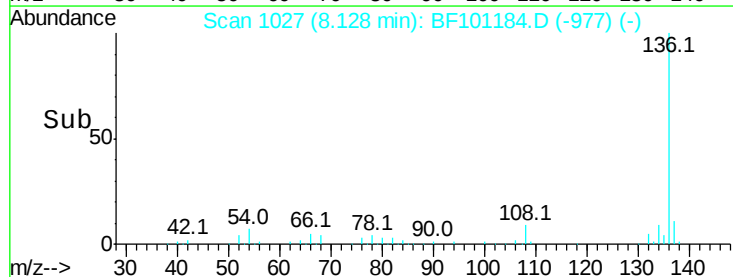
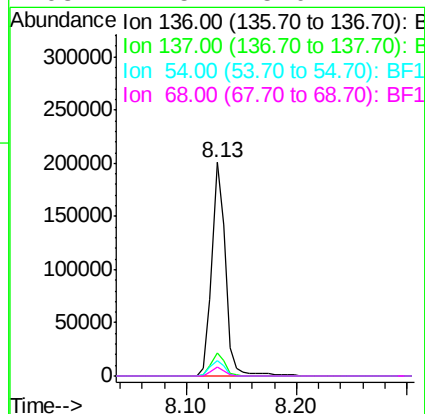
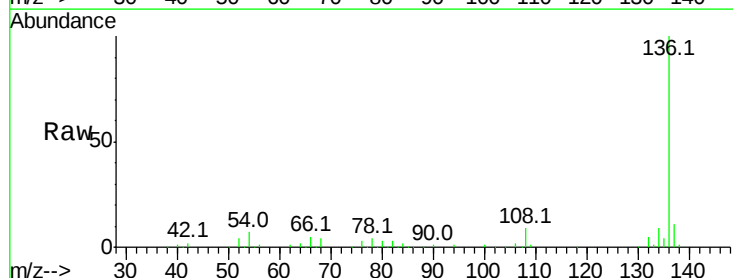
Instrument :
BNA_F
ClientSampleId :
SP-1

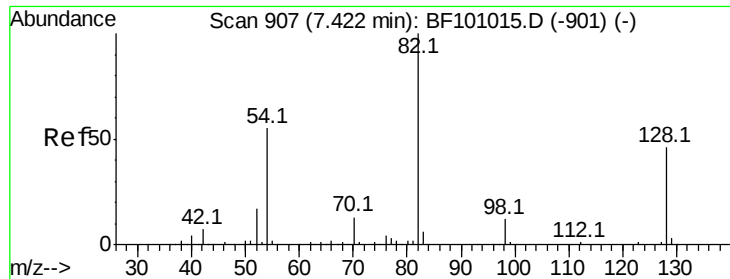
Tot Ion: 70 Resp: 24430
Ion Ratio Lower Upper
70 100
42 50.1 47.5 71.3
101 0.0 7.4 11.2#
130 3.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101184.D
Acq: 6 Dec 2017 22:40

Tgt Ion:136 Resp: 168481
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.3 6.6 9.8
68 4.5 5.0 7.4#

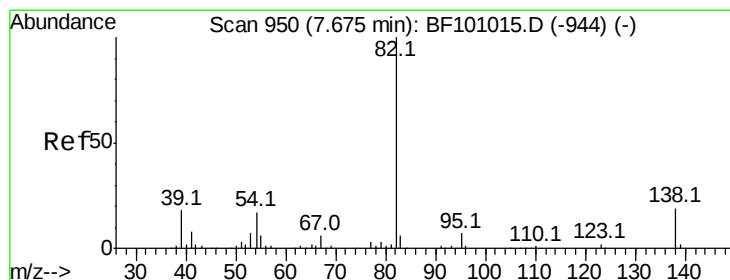
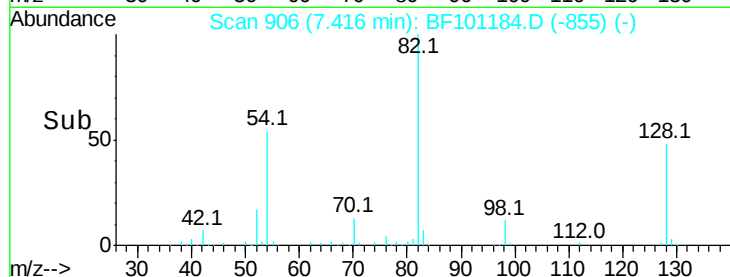
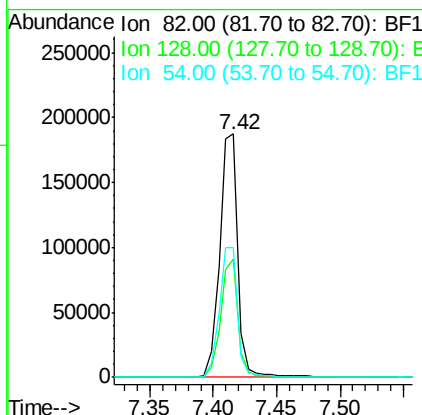
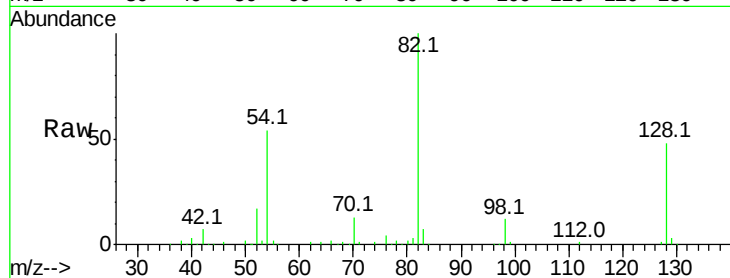




#23
 Nitrobenzene-d5
 Concen: 66.550 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF101184.D
 Acq: 6 Dec 2017 22:40

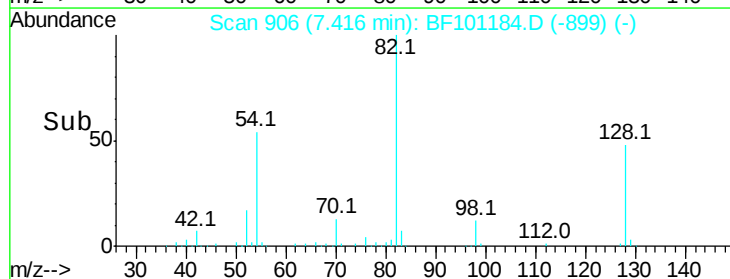
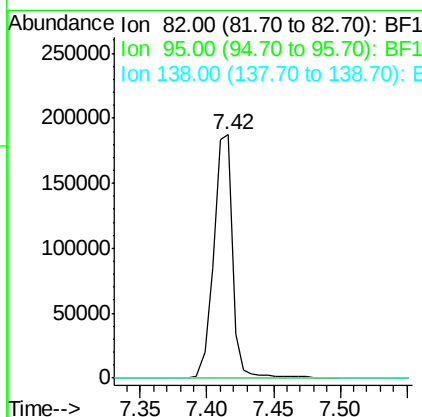
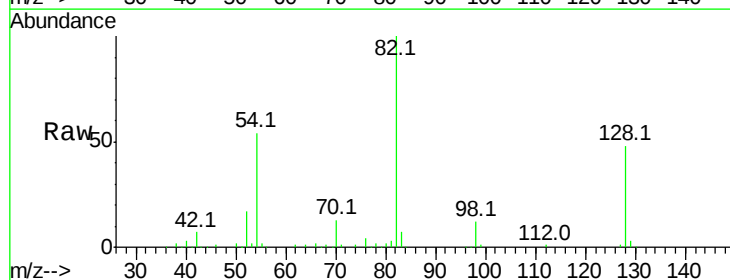
Instrument :
 BNA_F
 ClientSampleId :
 SP-1

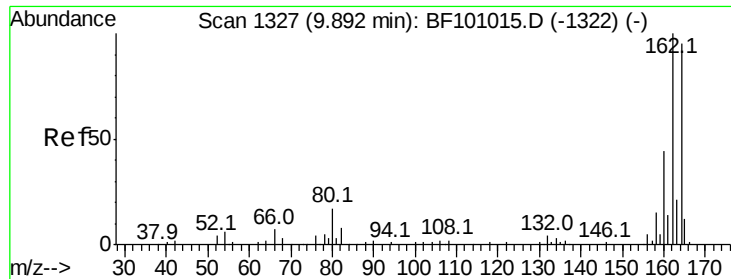
Tot Ion	82	Resp	187960
Ion Ratio	Lower	Upper	
82	100		
128	48.3	36.1	54.1
54	53.5	41.4	62.2



#25
 Isophorone
 Concen: 38.960 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF101184.D
 Acq: 6 Dec 2017 22:40

Tgt Ion	82	Resp	187957
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

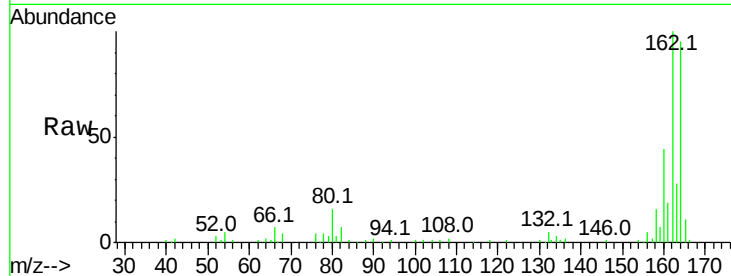




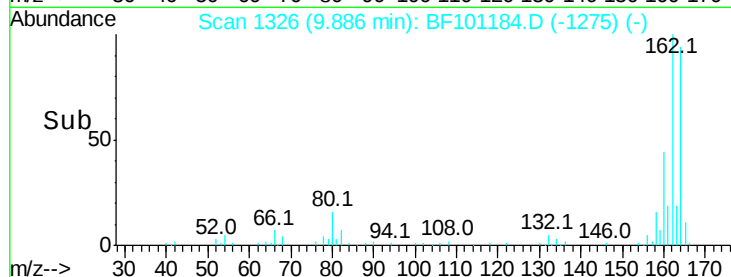
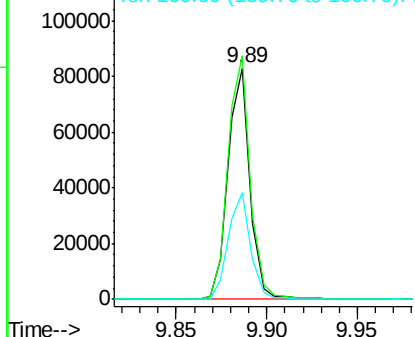
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF101184.D
 Acq: 6 Dec 2017 22:40

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tot Ion:164 Resp: 70119
 Ion Ratio Lower Upper
 164 100
 162 105.4 86.1 129.1
 160 46.3 38.3 57.5

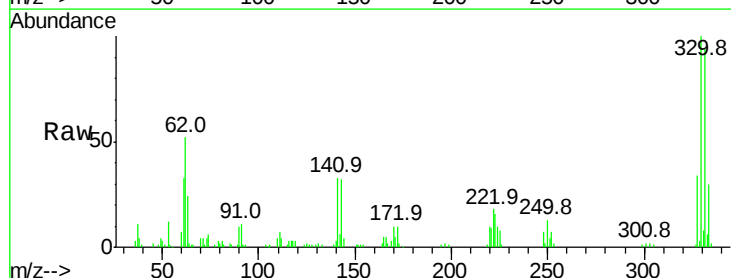


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

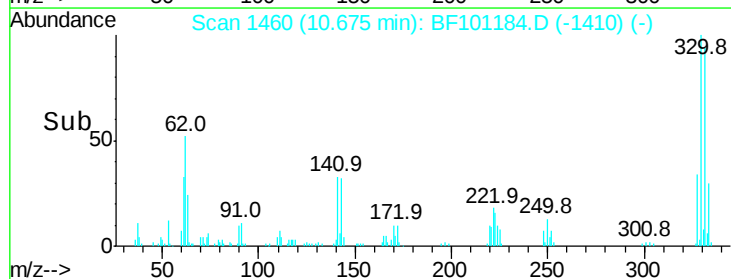
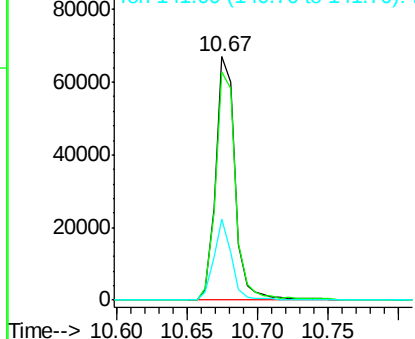


#41
 2,4,6-Tribromophenol
 Concen: 76.607 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101184.D
 Acq: 6 Dec 2017 22:40

Tgt Ion:330 Resp: 64528
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 29.8 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

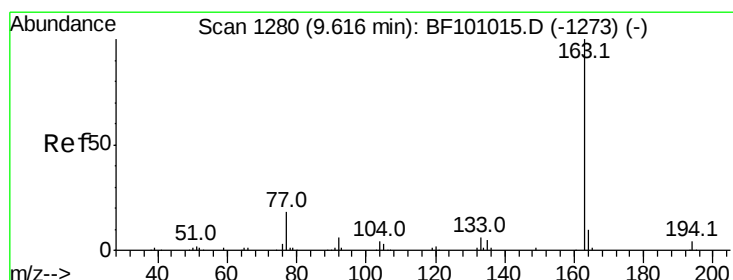
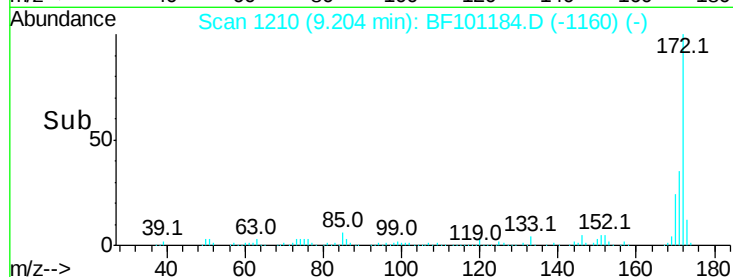
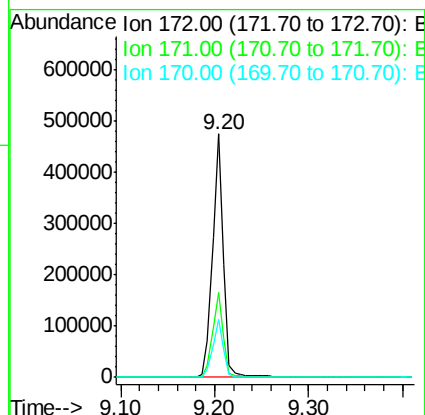
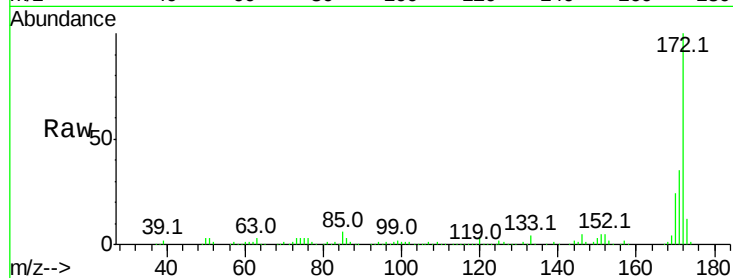




#44
2-Fluorobiphenyl
Concen: 76.753 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101184.D
Acq: 6 Dec 2017 22:40

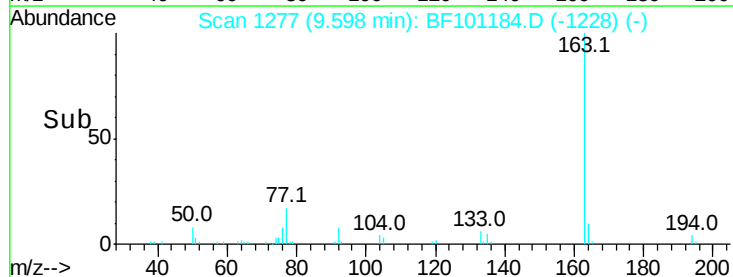
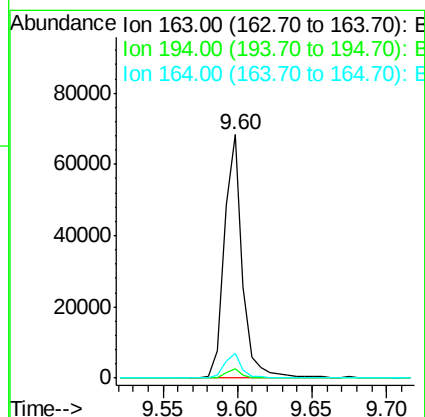
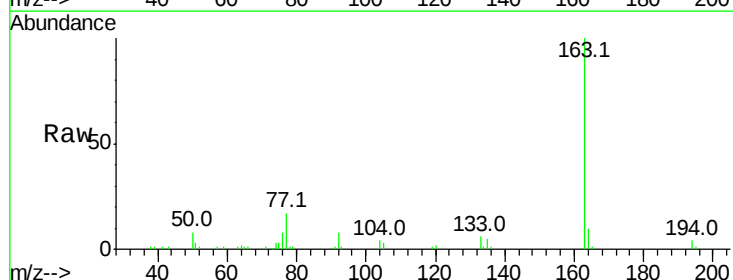
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BNA_F
ClientSampleId :
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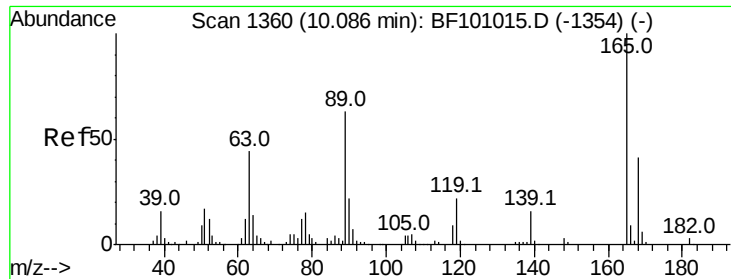
Tot Ion:172 Resp: 393353
Ion Ratio Lower Upper
172 100
171 34.8 29.7 44.5
170 23.6 19.6 29.4



#49
Dimethylphthalate
Concen: 10.308 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101184.D
Acq: 6 Dec 2017 22:40

Tgt Ion:163 Resp: 58293
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.3 8.2 12.2

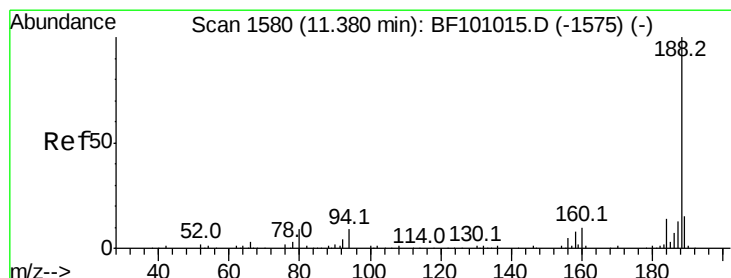
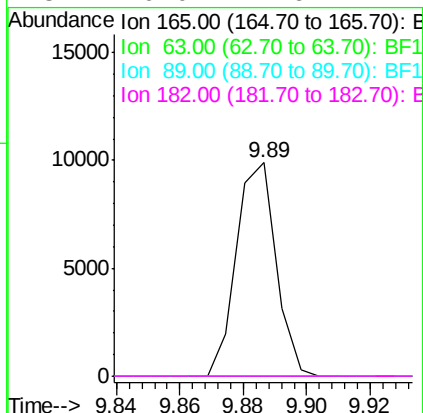
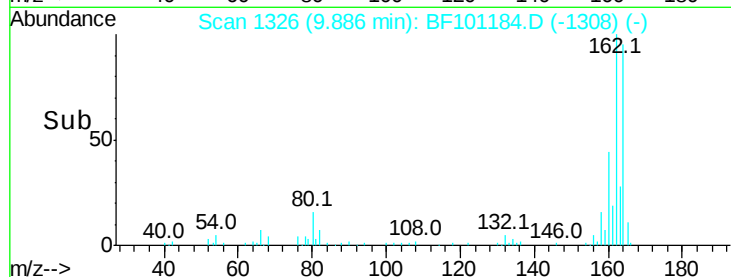
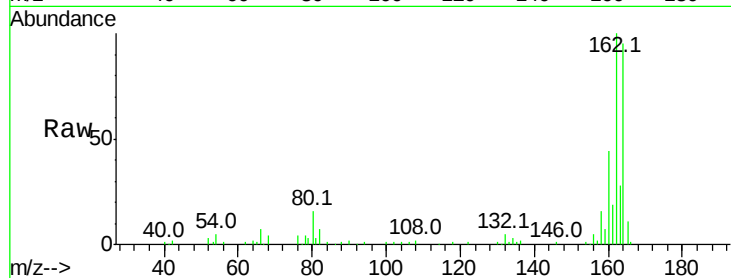




#56
 2,4-Dinitrotoluene
 Concen: 5.363 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF101184.D
 Acq: 6 Dec 2017 22:40

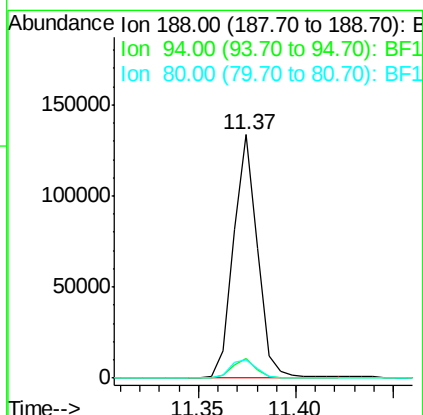
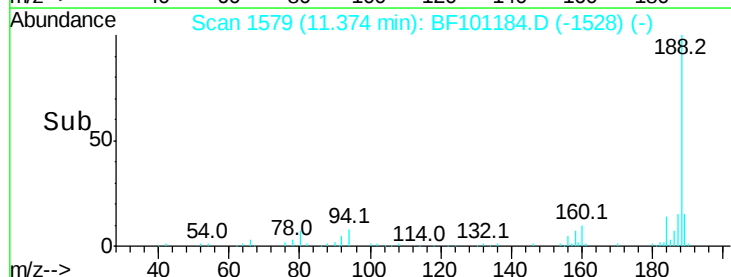
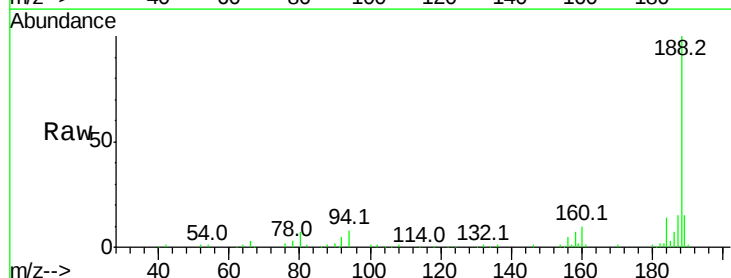
Instrument :
 BNA_F
 ClientSampleId :
 SP-1

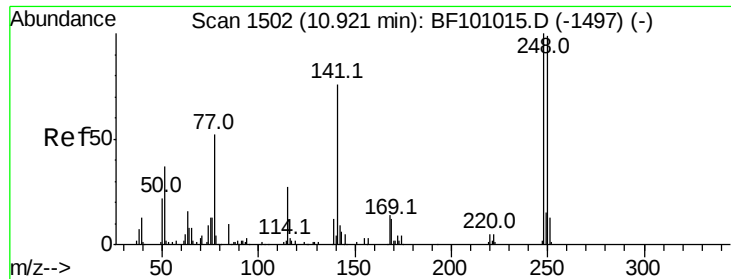
Tot Ion:165	Resp:	8560
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101184.D
 Acq: 6 Dec 2017 22:40

Tgt Ion:188	Resp:	114125
Ion Ratio	Lower	Upper
188	100	
94	8.0	8.5 12.7#
80	7.3	9.2 13.8#

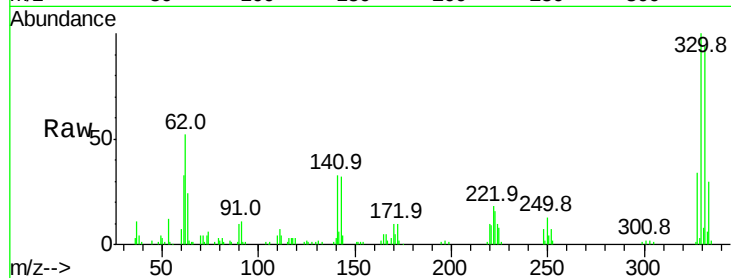




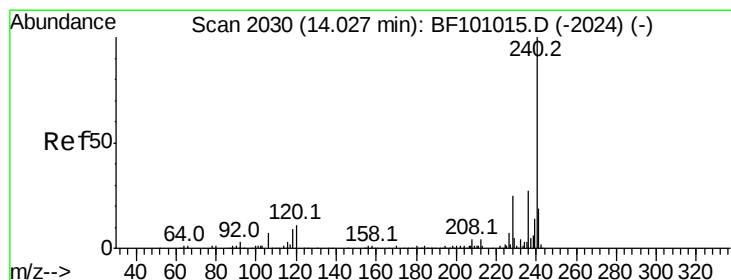
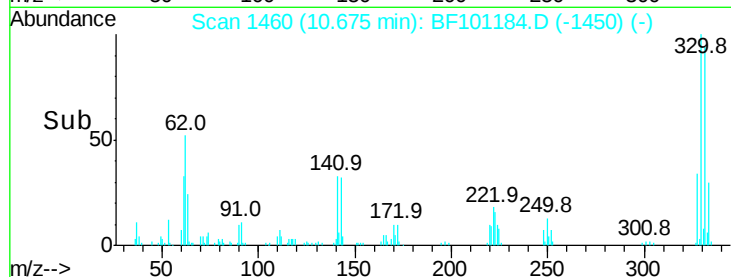
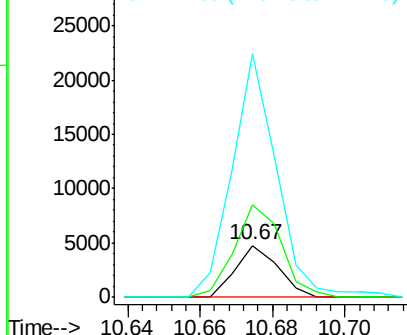
#66
4-Bromophenyl-phenylether
Concen: 3.037 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101184.D
Acq: 6 Dec 2017 22:40

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion:248 Resp: 3880
Ion Ratio Lower Upper
248 100
250 178.2 76.9 115.3#
141 471.4 74.4 111.6#

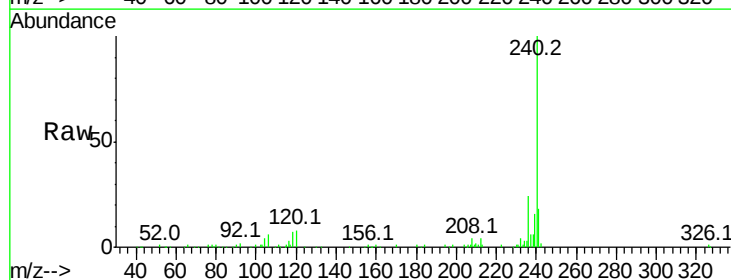


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

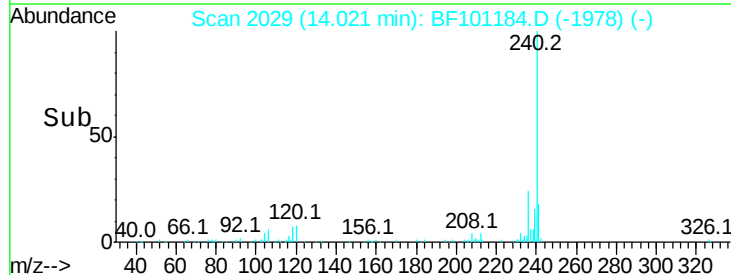
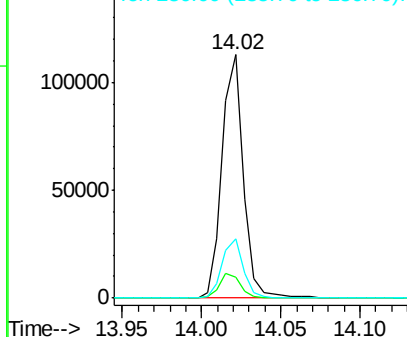


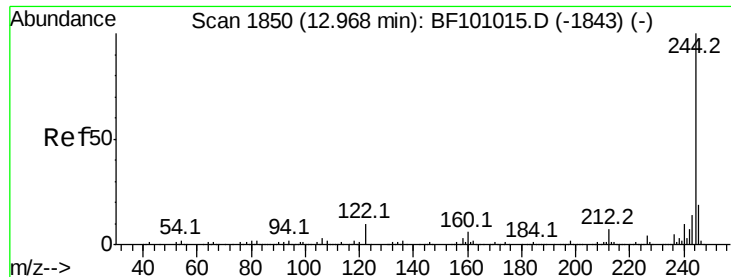
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101184.D
Acq: 6 Dec 2017 22:40

Tgt Ion:240 Resp: 105334
Ion Ratio Lower Upper
240 100
120 8.5 9.5 14.3#
236 24.2 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: 59.655 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101184.D

Acq: 6 Dec 2017 22:40

Instrument :

BNA_F

ClientSampleId :

SP-1

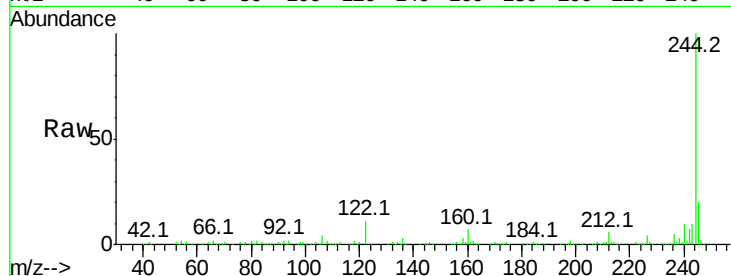
Tot Ion:244 Resp: 287287

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

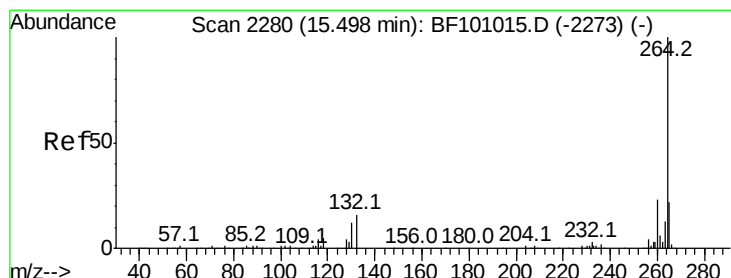
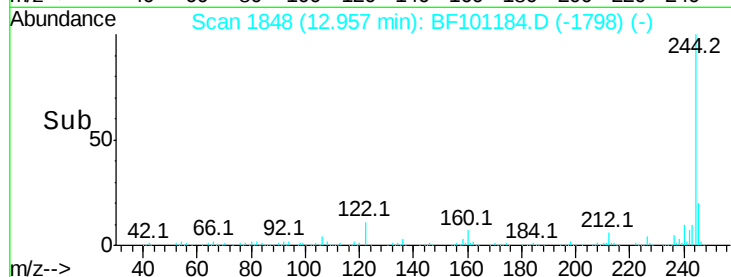
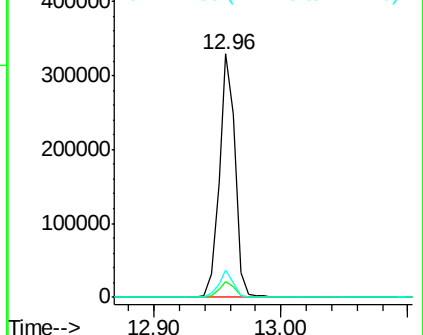
122 11.4 11.0 16.4



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: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF101184.D

Acq: 6 Dec 2017 22:40

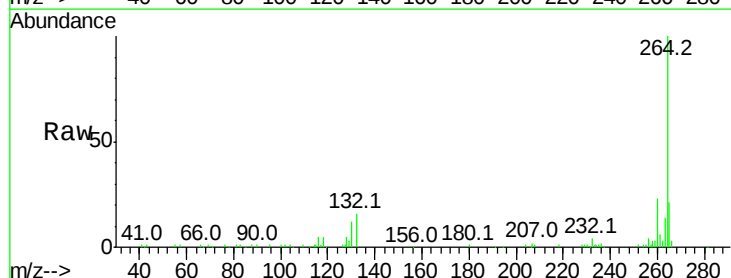
Tgt Ion:264 Resp: 99401

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.3 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

