

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010218\
 Data File : BF101847.D
 Acq On : 2 Jan 2018 13:29
 Operator : SJ/JU
 Sample : I7100-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 02 13:58:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

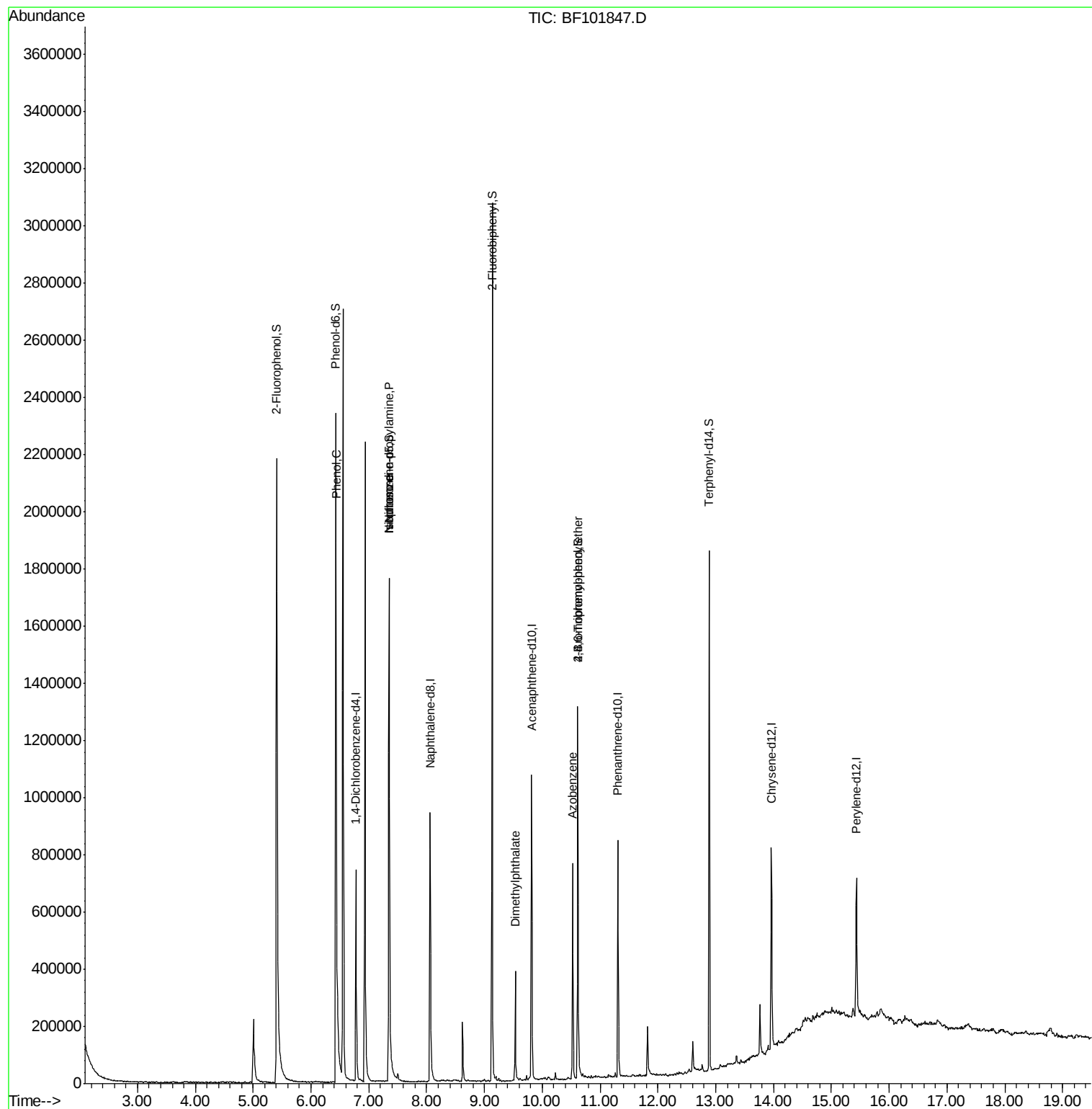
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	134908	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	518095	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	206317	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	307147	20.00	ng	0.00
75) Chrysene-d12	13.96	240	260010	20.00	ng	-0.01
86) Perylene-d12	15.43	264	269965	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	925415	102.18	ng	0.00
7) Phenol-d6	6.43	99	1099656	97.56	ng	0.00
23) Nitrobenzene-d5	7.35	82	673671	72.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	179692	90.39	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	965798	72.62	ng	0.00
78) Terphenyl-d14	12.89	244	636337	59.00	ng	-0.01
Target Compounds						
10) Phenol	6.44	94	44730	3.482	ng	# 44
19) n-Nitroso-di-n-propylamine	7.35	70	89326	12.067	ng	# 80
25) Isophorone	7.35	82	673671	36.081	ng	# 64
49) Dimethylphthalate	9.53	163	167252	10.078	ng	100
62) Azobenzene	10.53	77	126530	7.432	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	10916	3.163	ng	# 1

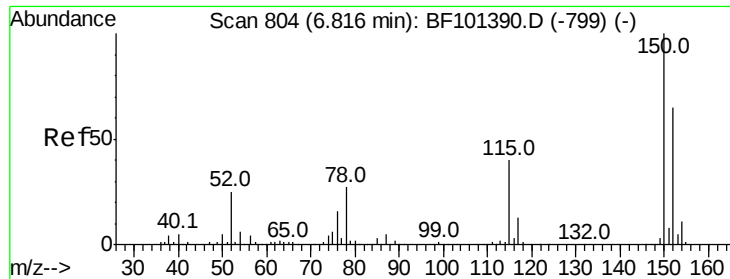
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010218\
Data File : BF101847.D
Acq On : 2 Jan 2018 13:29
Operator : SJ/JU
Sample : I7100-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 02 13:58:11 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration



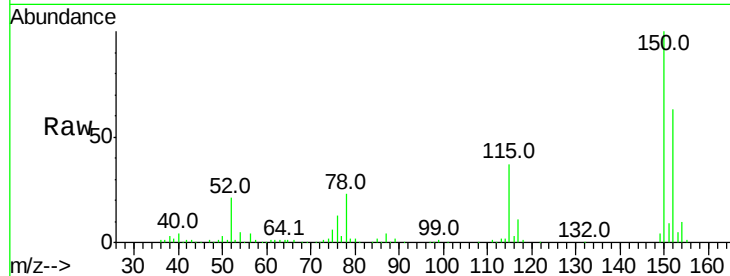


#1

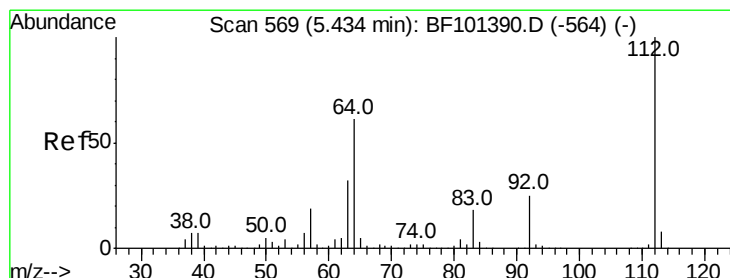
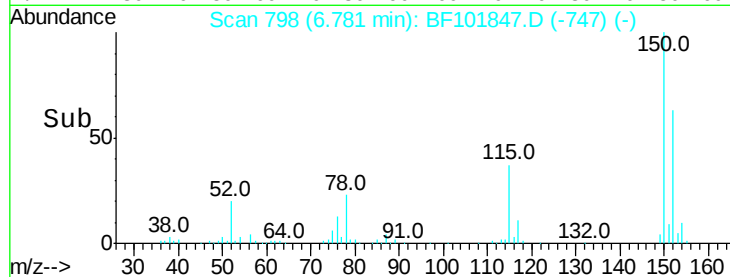
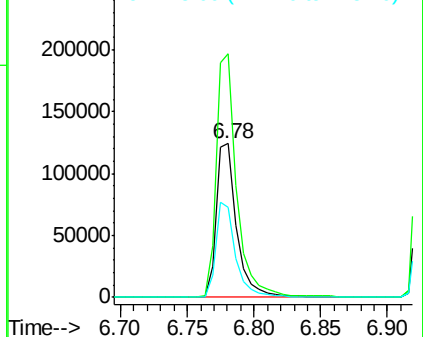
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF101847.D
Acq: 2 Jan 2018 13:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 134908
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 59.1 50.1 75.1



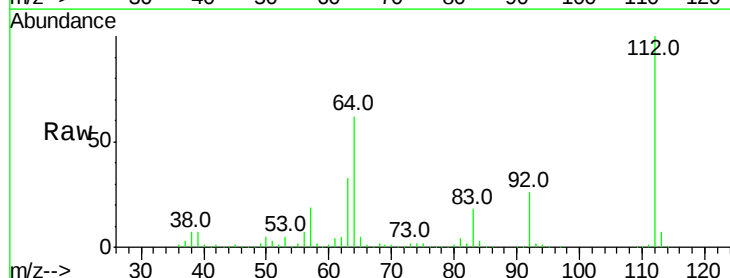
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



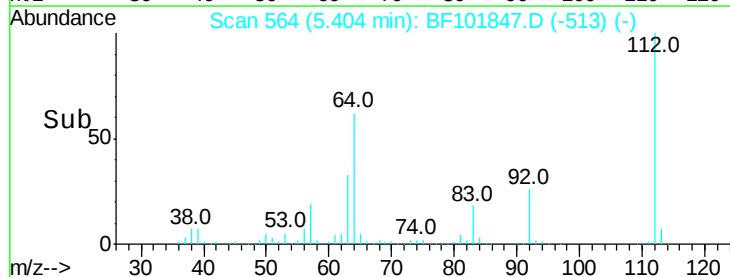
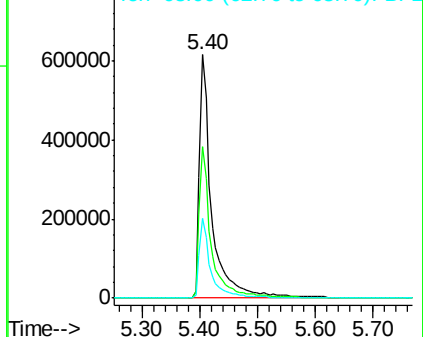
#5

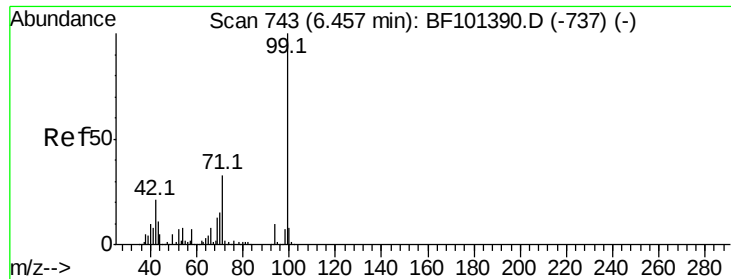
2-Fluorophenol
Concen: 102.179 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF101847.D
Acq: 2 Jan 2018 13:29

Tgt Ion:112 Resp: 925415
Ion Ratio Lower Upper
112 100
64 62.3 47.9 71.9
63 32.6 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: 97.561 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101847.D

Acq: 2 Jan 2018 13:29

Instrument :

BNA_F

ClientSampled :

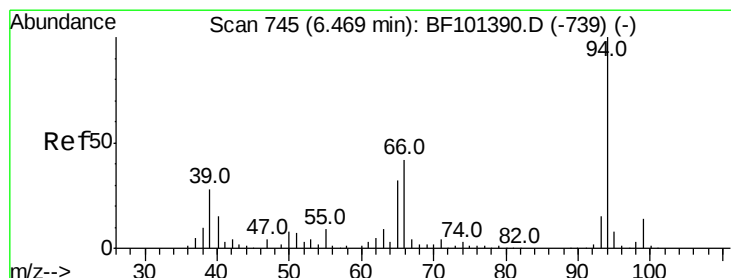
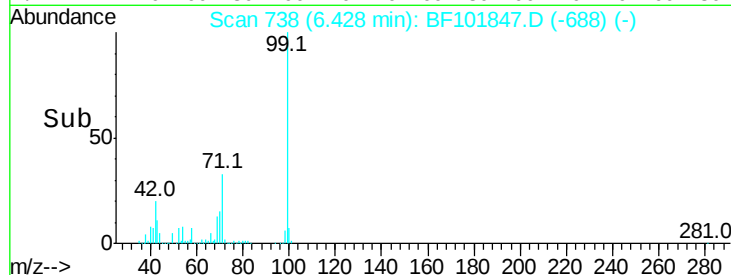
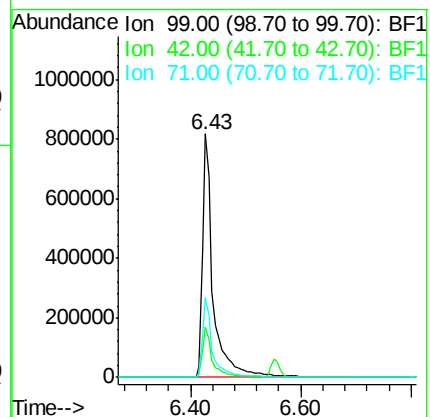
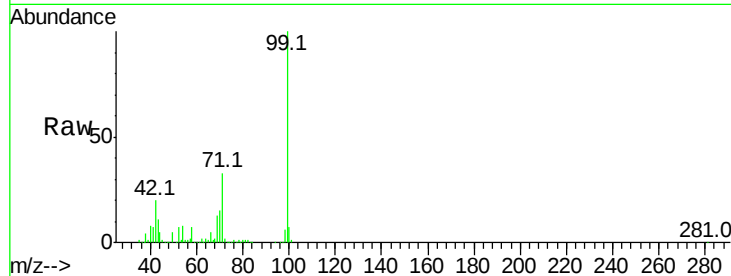
Tot Ion: 99 Resp: 1099656

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

71 33.0 25.4 38.0



#10

Phenol

Concen: 3.482 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF101847.D

Acq: 2 Jan 2018 13:29

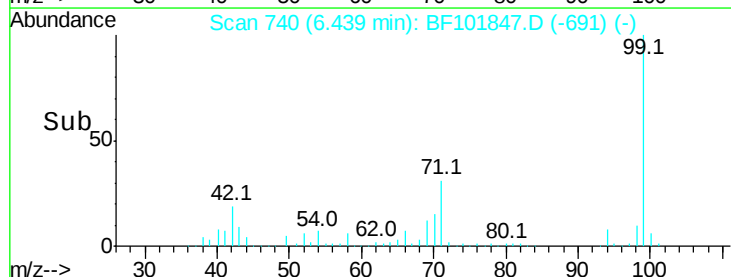
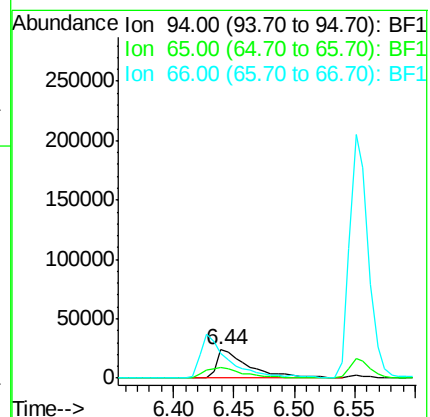
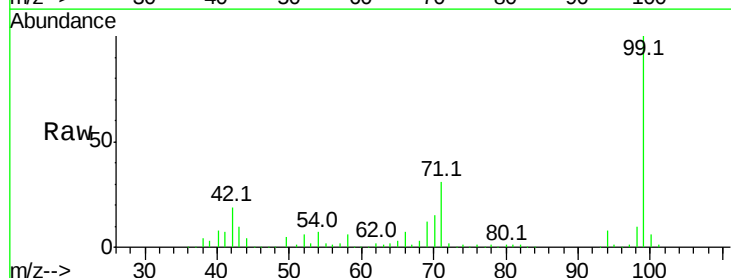
Tgt Ion: 94 Resp: 44730

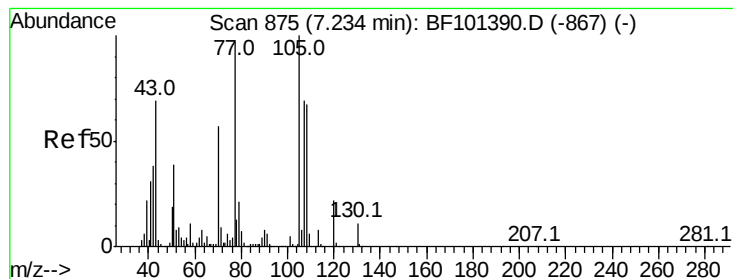
Ion Ratio Lower Upper

94 100

65 37.5 7.9 47.9

66 86.6 16.2 56.2#





#19

n-Nitroso-di-n-propylamine

Concen: 12.067 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.15 min

Lab File: BF101847.D

Acq: 2 Jan 2018 13:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 89326

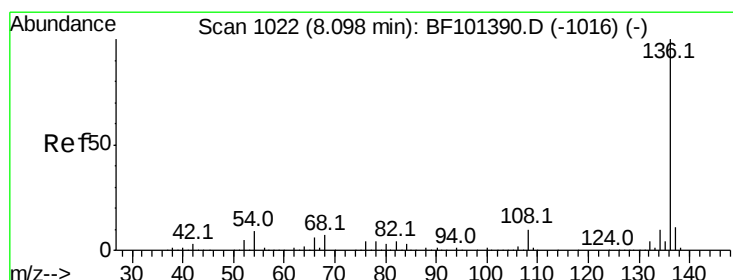
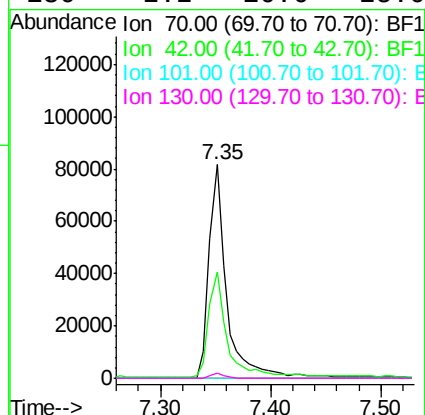
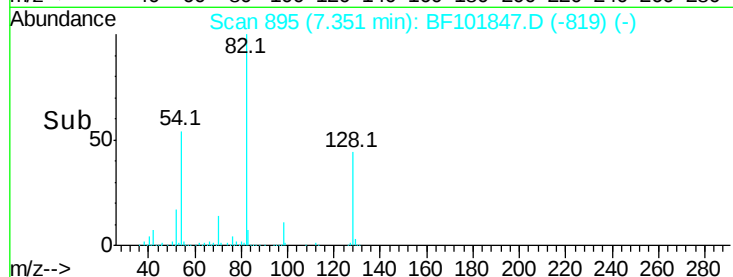
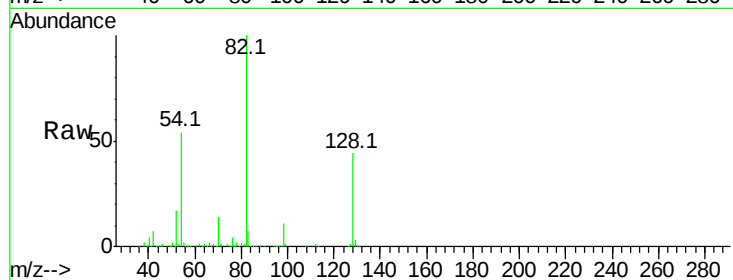
Ion Ratio Lower Upper

70 100

42 50.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF101847.D

Acq: 2 Jan 2018 13:29

Tgt Ion: 136 Resp: 518095

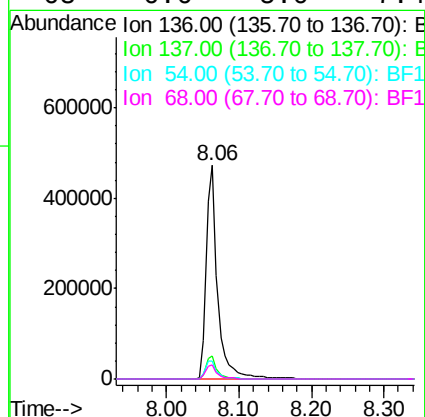
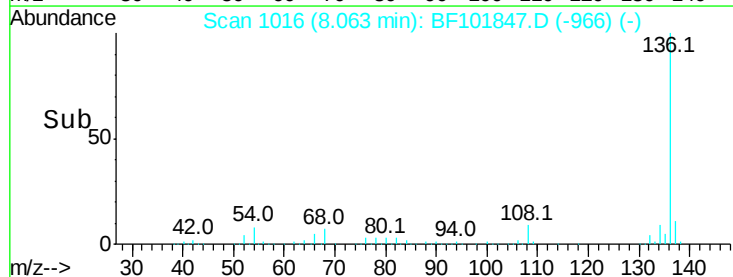
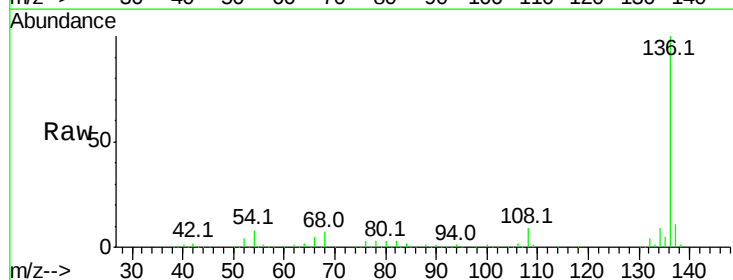
Ion Ratio Lower Upper

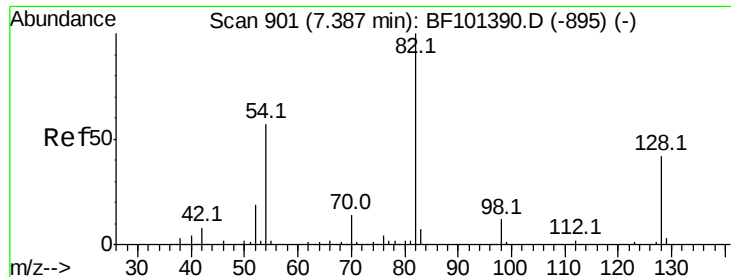
136 100

137 11.1 8.9 13.3

54 8.3 6.6 9.8

68 6.6 5.0 7.4

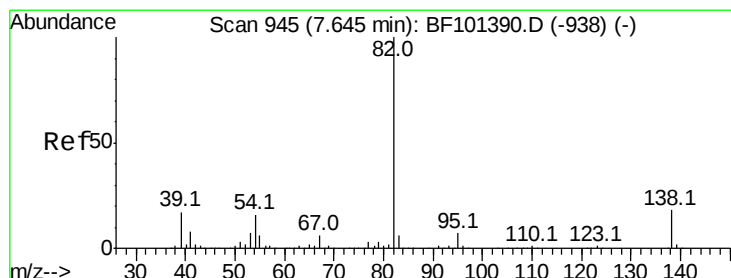
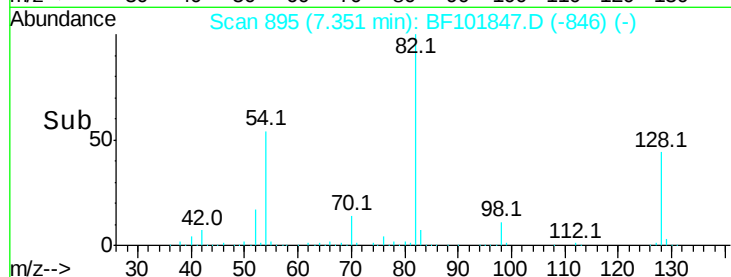
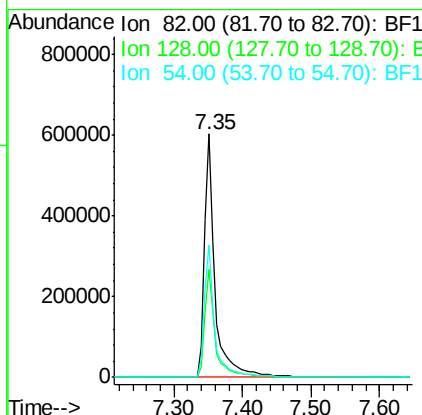
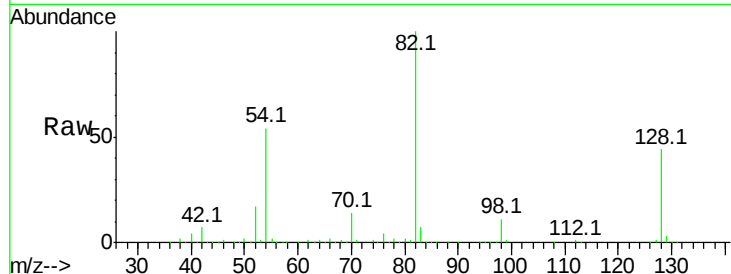




#23
 Nitrobenzene-d5
 Concen: 72.381 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF101847.D
 Acq: 2 Jan 2018 13:29

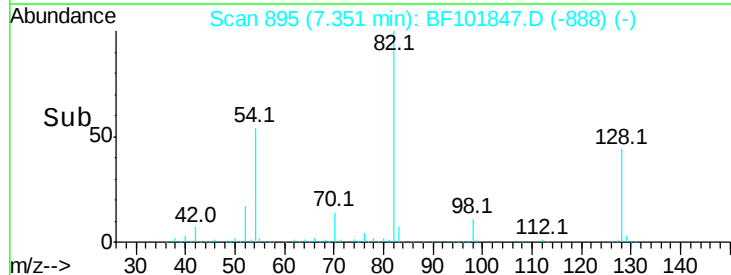
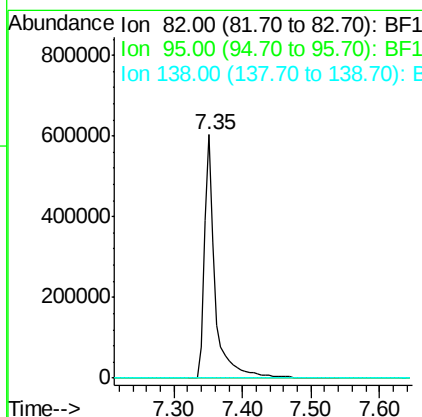
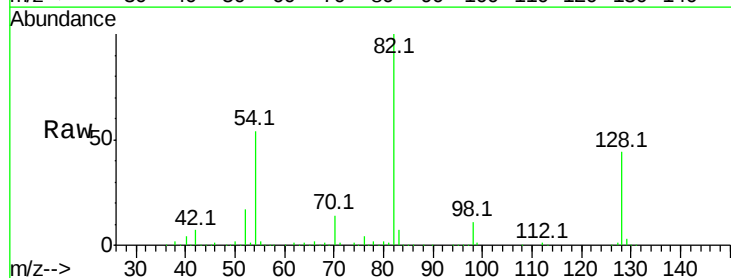
Instrument :
 BNA_F
 ClientSampleId :

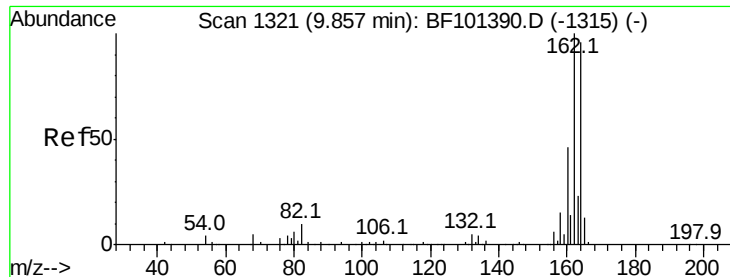
Tot Ion	82	Resp	673671
Ion Ratio	Lower	Upper	
82	100		
128	44.4	36.1	54.1
54	54.5	41.4	62.2



#25
 Isophorone
 Concen: 36.081 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.26 min
 Lab File: BF101847.D
 Acq: 2 Jan 2018 13:29

Tgt Ion	82	Resp	673671
Ion Ratio	Lower	Upper	
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

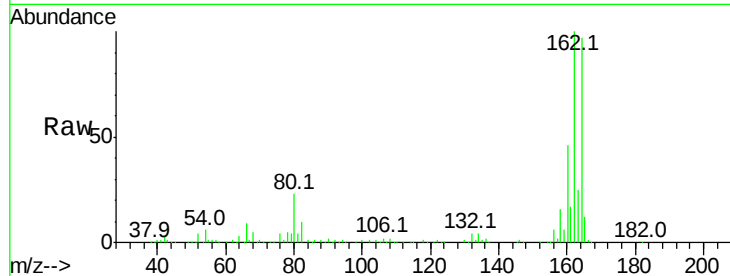




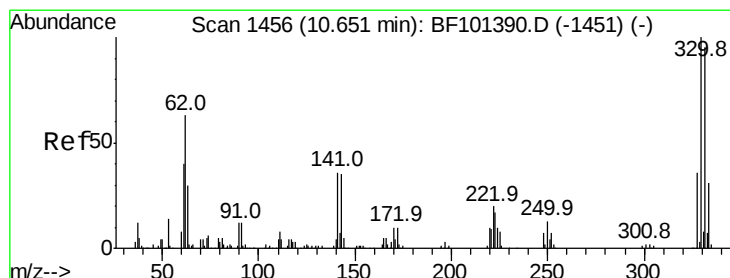
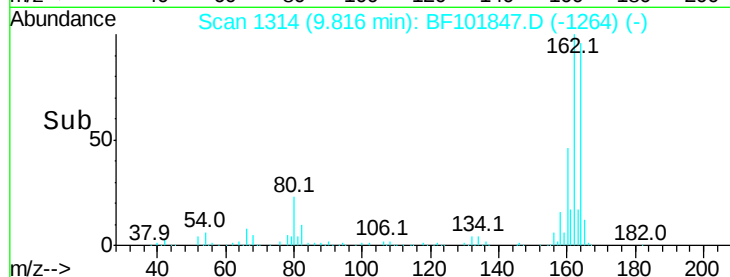
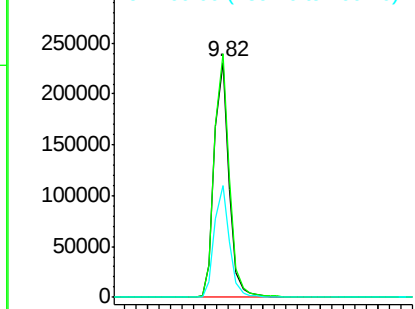
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF101847.D
Acq: 2 Jan 2018 13:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 206317
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 47.4 38.3 57.5

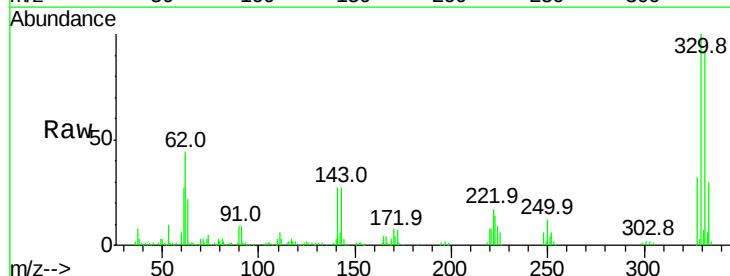


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

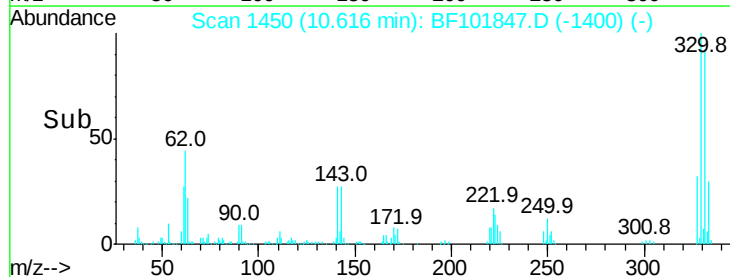
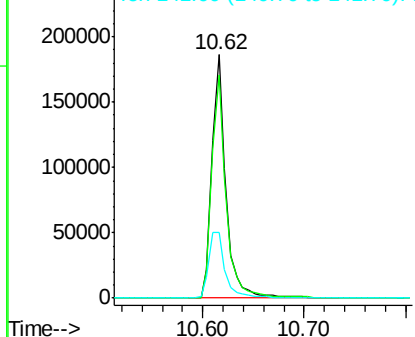


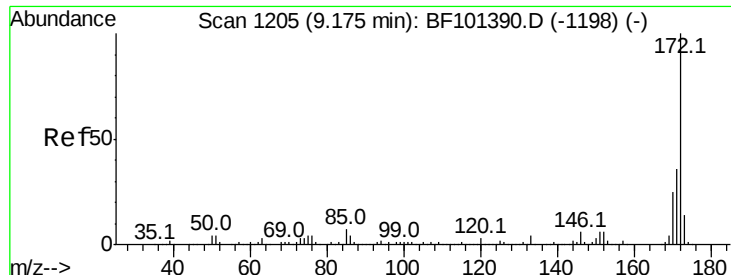
#41
2,4,6-Tribromophenol
Concen: 90.387 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF101847.D
Acq: 2 Jan 2018 13:29

Tgt Ion:330 Resp: 179692
Ion Ratio Lower Upper
330 100
332 94.2 77.0 115.6
141 31.8 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

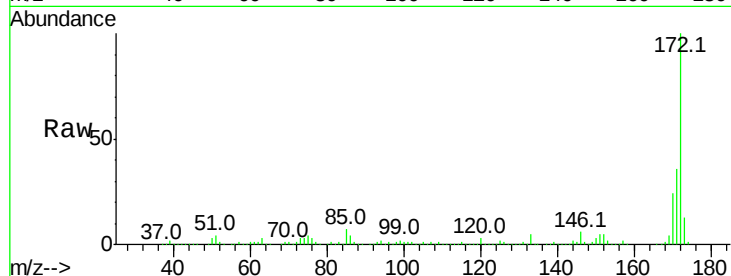




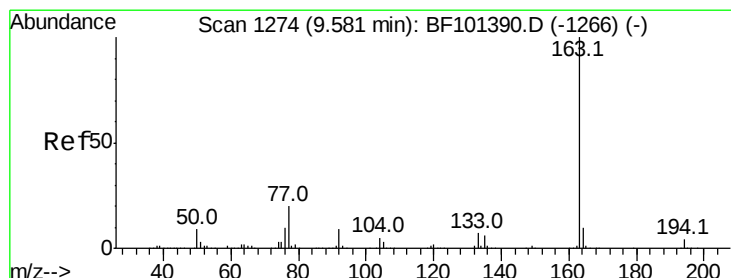
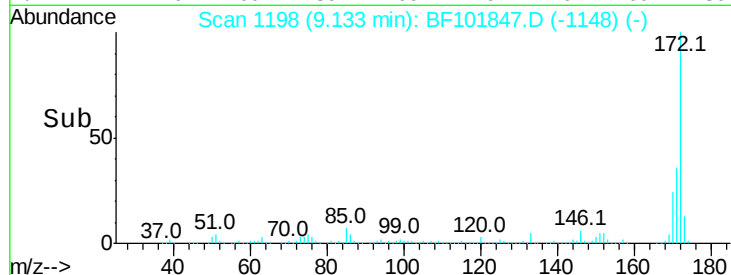
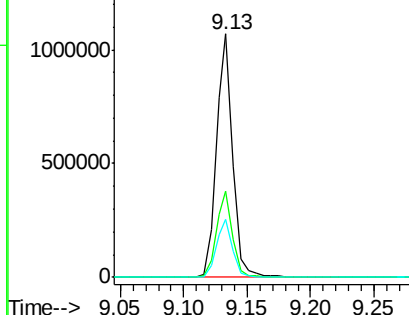
#44
 2-Fluorobiphenyl
 Concen: 72.616 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF101847.D
 Acq: 2 Jan 2018 13:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 965798
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 24.1 19.6 29.4

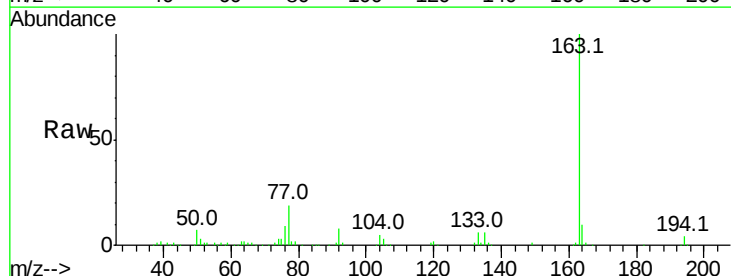


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

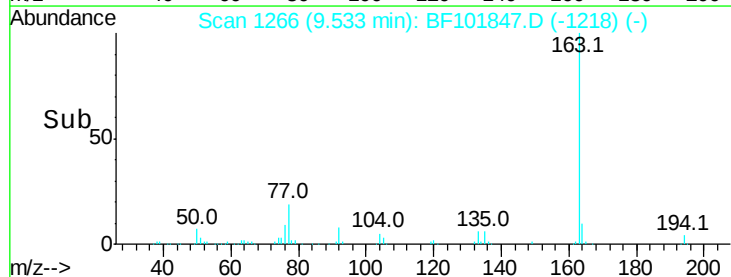
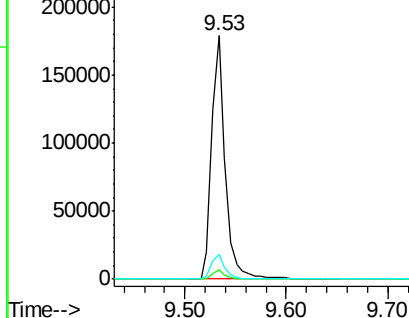


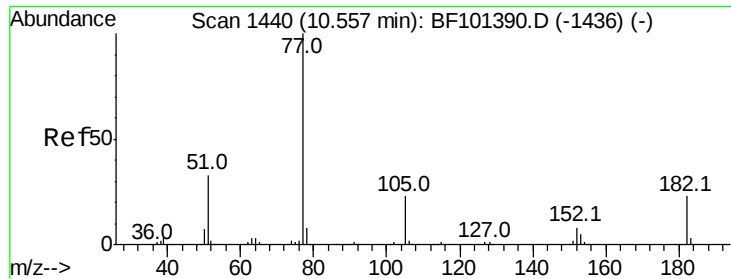
#49
 Dimethylphthalate
 Concen: 10.078 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BF101847.D
 Acq: 2 Jan 2018 13:29

Tgt Ion:163 Resp: 167252
 Ion Ratio Lower Upper
 163 100
 194 3.8 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

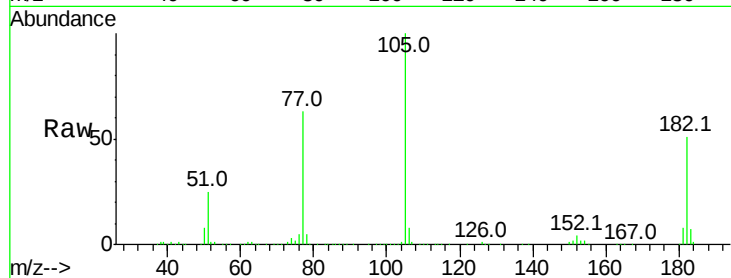




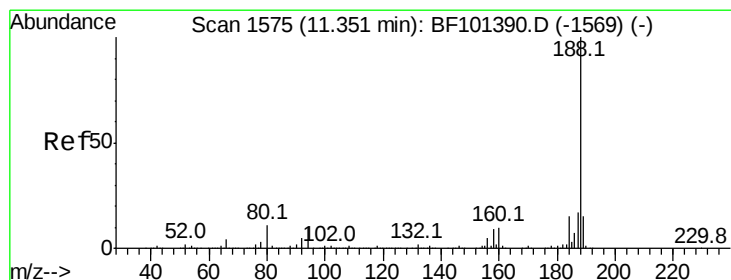
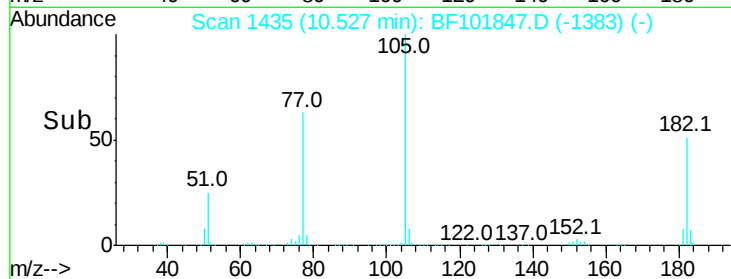
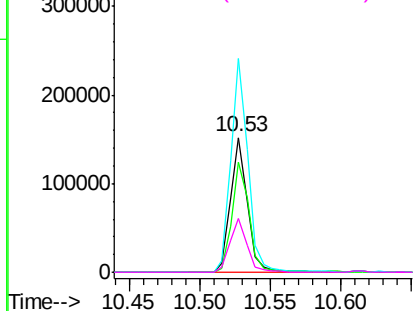
#62
Azobenzene
Concen: 7.432 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF101847.D
Acq: 2 Jan 2018 13:29

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 126530
Ion Ratio Lower Upper
77 100
182 81.6 1.7 41.7#
105 158.8 3.0 43.0#
51 40.4 9.9 49.9

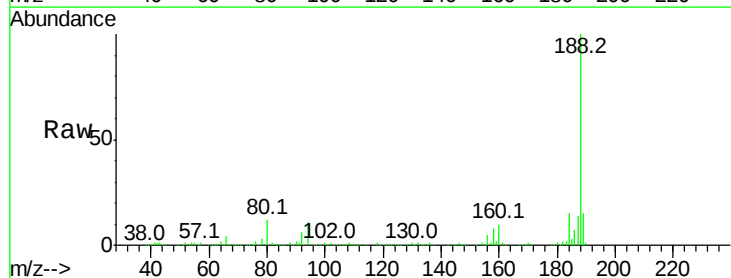


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

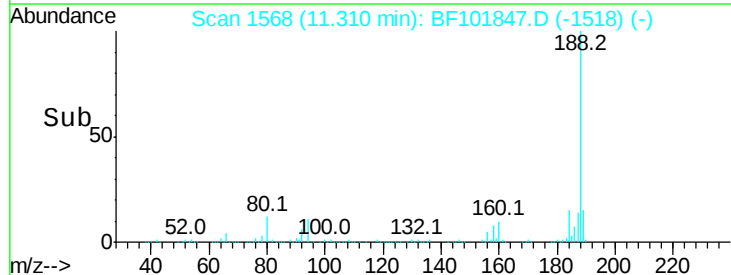
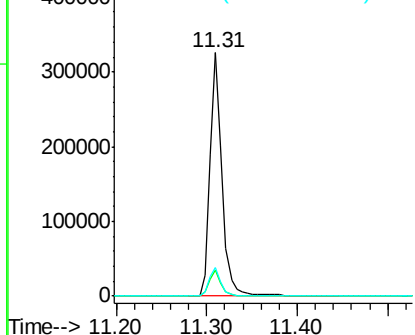


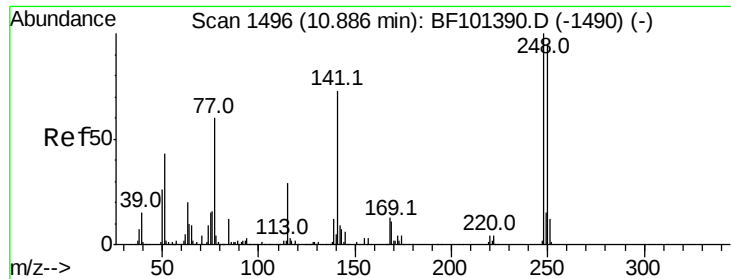
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF101847.D
Acq: 2 Jan 2018 13:29

Tgt Ion: 188 Resp: 307147
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

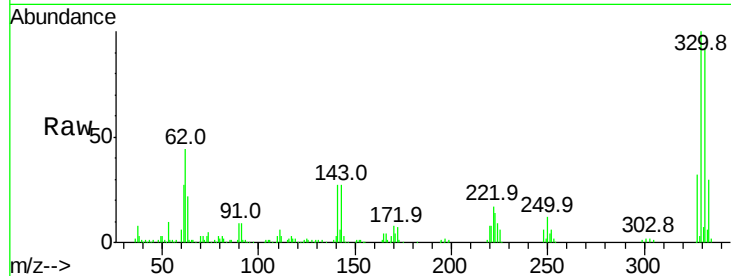




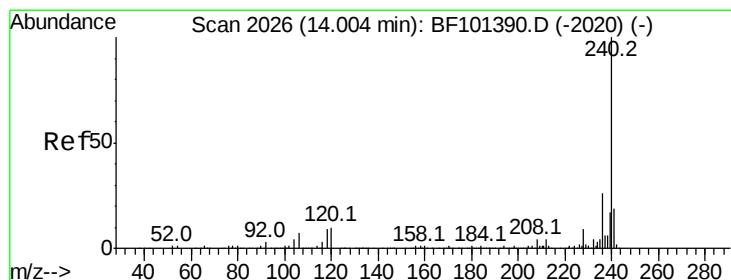
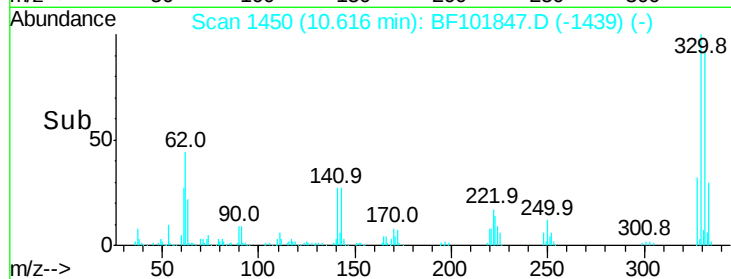
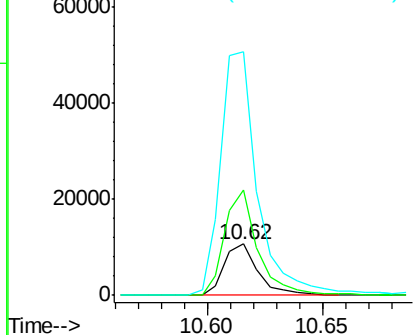
#66
 4-Bromophenyl-phenylether
 Concen: 3.163 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.24 min
 Lab File: BF101847.D
 Acq: 2 Jan 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10916
 Ion Ratio Lower Upper
 248 100
 250 204.1 76.9 115.3#
 141 472.5 74.4 111.6#

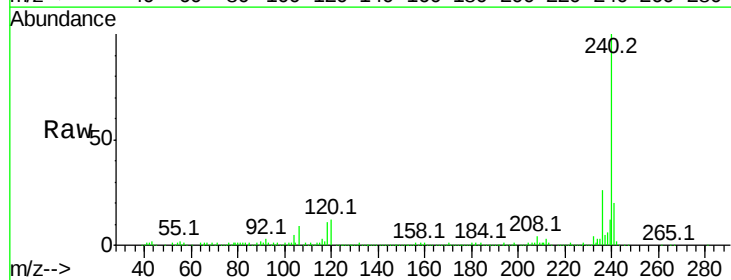


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

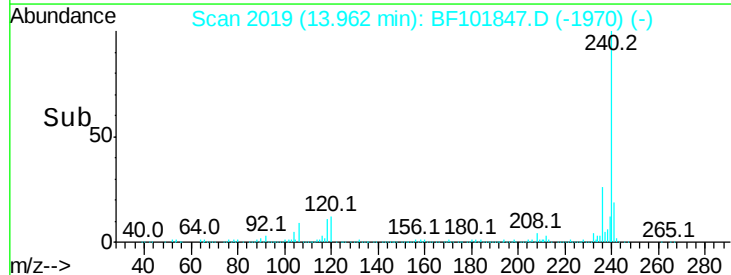
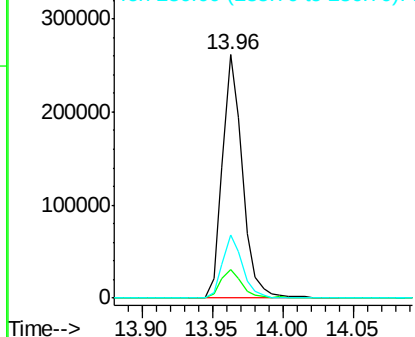


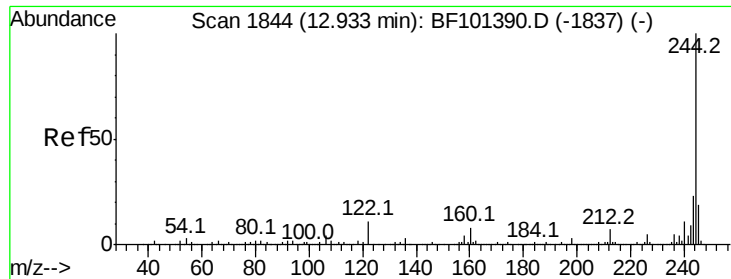
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF101847.D
 Acq: 2 Jan 2018 13:29

Tgt Ion:240 Resp: 260010
 Ion Ratio Lower Upper
 240 100
 120 11.9 9.5 14.3
 236 25.7 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: 59.000 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF101847.D

Acq: 2 Jan 2018 13:29

Instrument :

BNA_F

ClientSampleId :

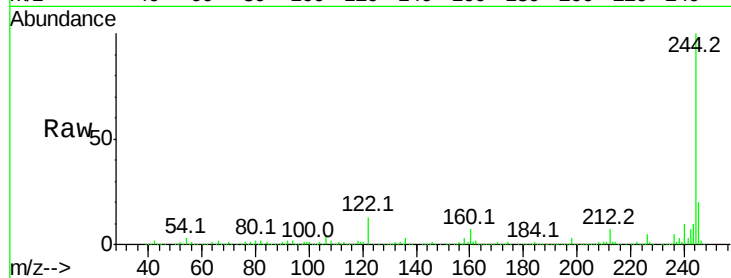
Tot Ion:244 Resp: 636337

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

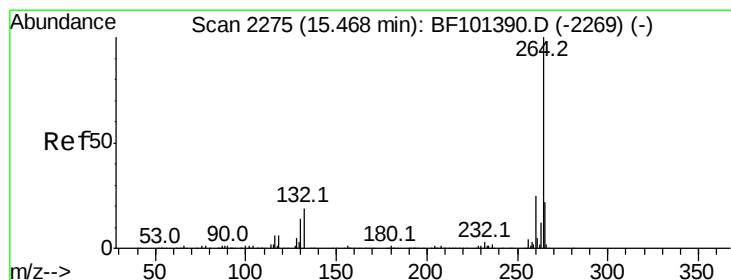
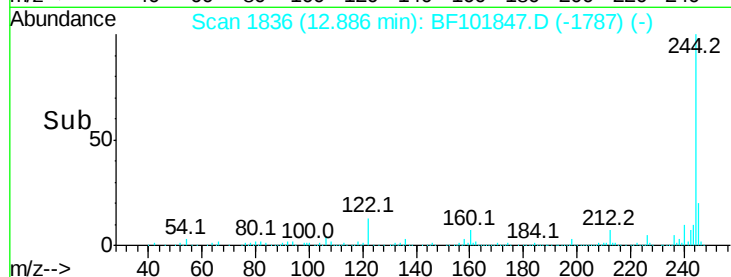
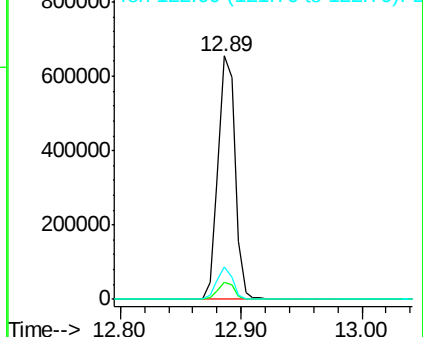
122 13.4 11.0 16.4



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: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF101847.D

Acq: 2 Jan 2018 13:29

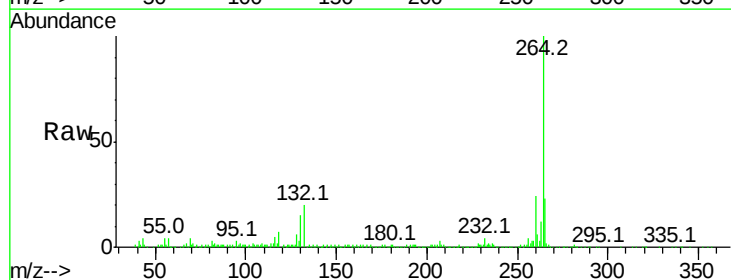
Tgt Ion:264 Resp: 269965

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.7 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

