

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107047.D
 Acq On : 2 Jul 2018 16:32
 Operator : JU/SJ
 Sample : J3629-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A0C10-02

Quant Time: Jul 03 08:57:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	61136	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	238341	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	106511	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	195526	20.00	ng	0.00
75) Chrysene-d12	14.16	240	181046	20.00	ng	0.00
86) Perylene-d12	15.72	264	121418	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	43766	12.12	ng	0.00
7) Phenol-d6	6.60	99	51562	11.44	ng	-0.01
23) Nitrobenzene-d5	7.52	82	30625	7.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	12872	10.43	ng	0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	13.07	244	80528	10.77	ng	-0.01

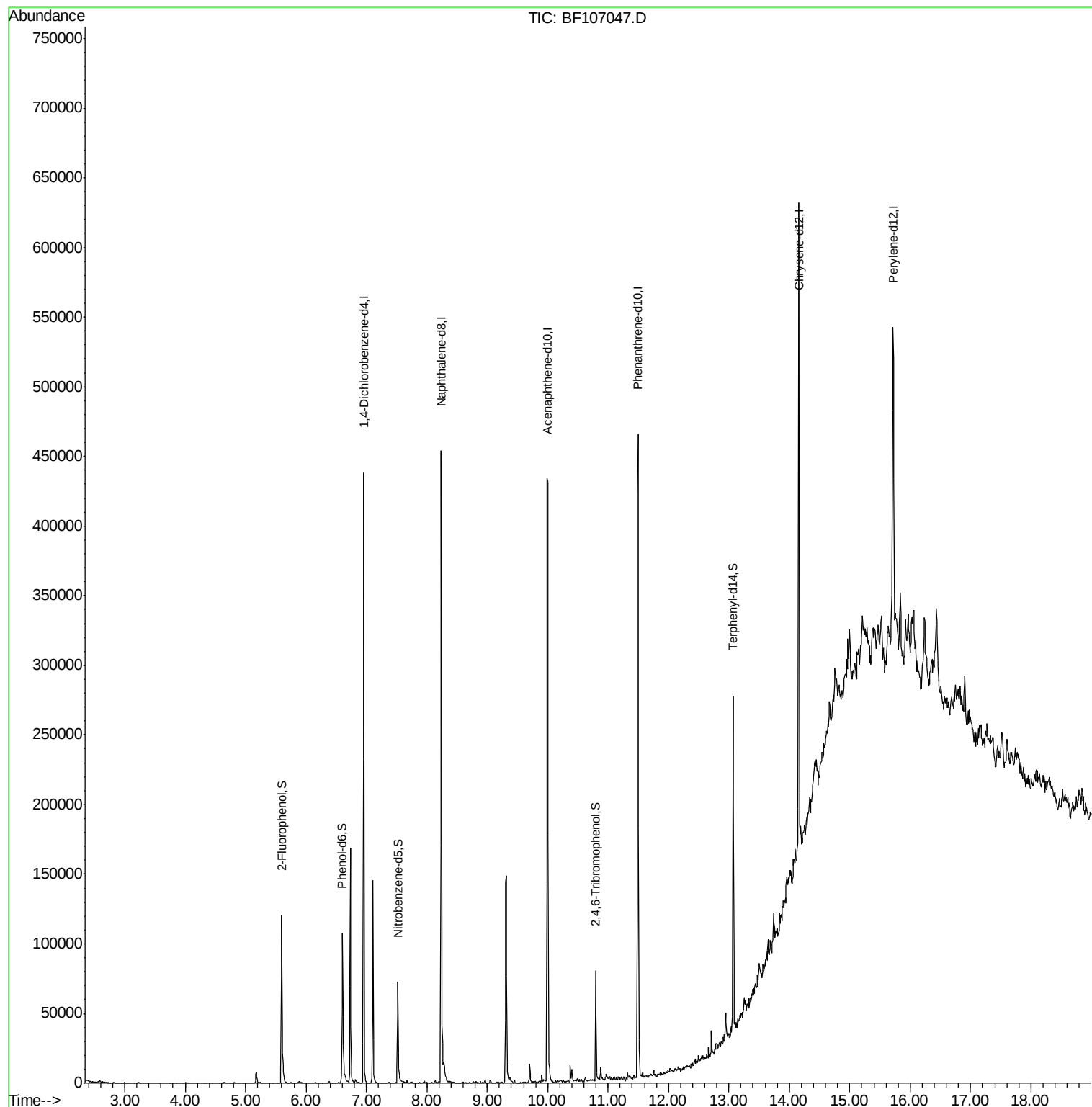
Target Compounds Qvalue

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

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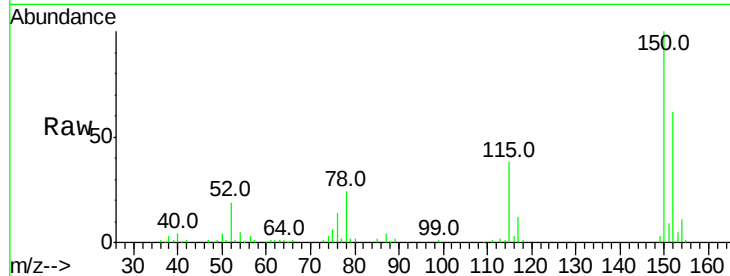


#1

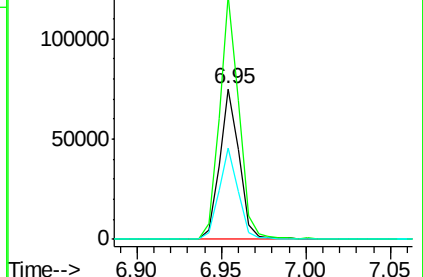
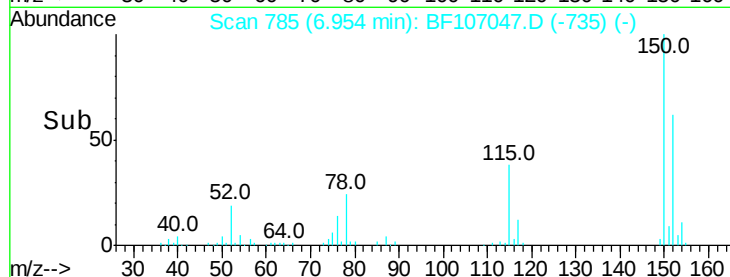
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107047.D
Acq: 2 Jul 2018 16:32

Instrument :
BNA_F
ClientSampleId :
A0C10-02

Tot Ion:152 Resp: 61136
Ion Ratio Lower Upper
152 100
150 161.8 124.6 186.8
115 60.7 50.1 75.1



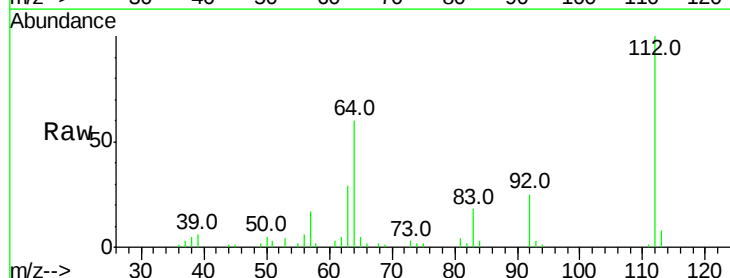
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



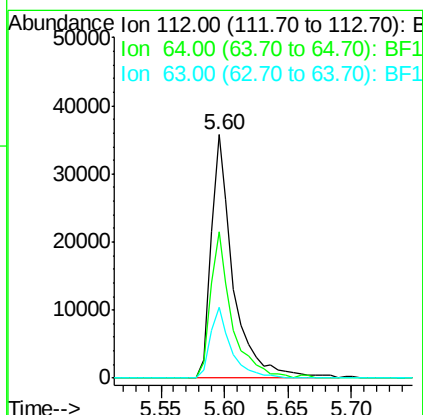
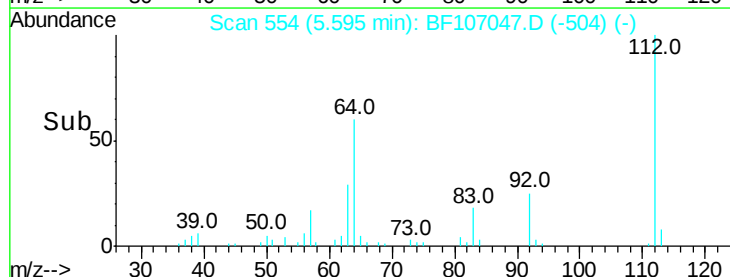
#5

2-Fluorophenol
Concen: 12.122 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107047.D
Acq: 2 Jul 2018 16:32

Tgt Ion:112 Resp: 43766
Ion Ratio Lower Upper
112 100
64 60.3 47.9 71.9
63 29.3 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: 11.436 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107047.D

Acq: 2 Jul 2018 16:32

Instrument :

BNA_F

ClientSampleId :

A0C10-02

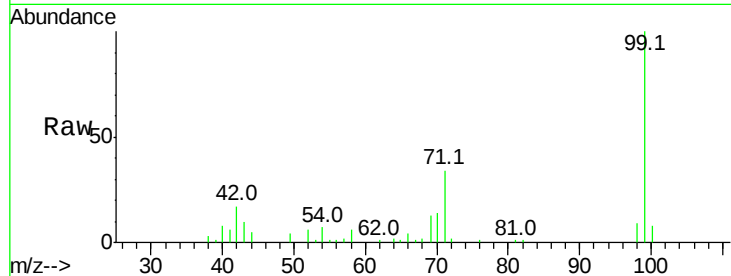
Tot Ion: 99 Resp: 51562

Ion Ratio Lower Upper

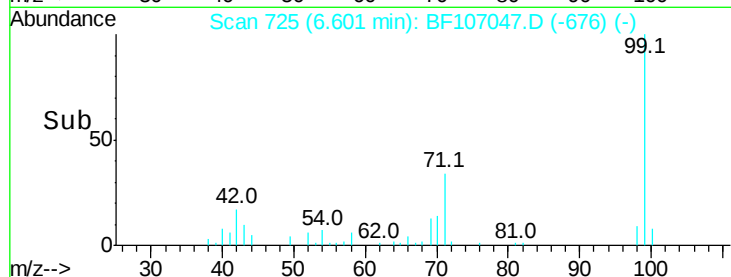
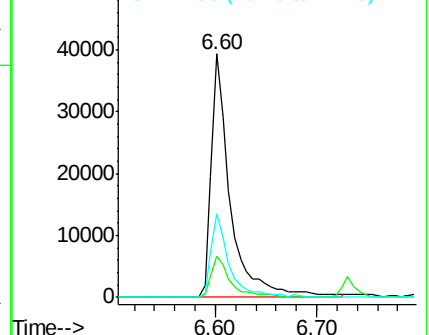
99 100

42 17.0 14.5 21.7

71 34.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107047.D

Acq: 2 Jul 2018 16:32

Tgt Ion: 136 Resp: 238341

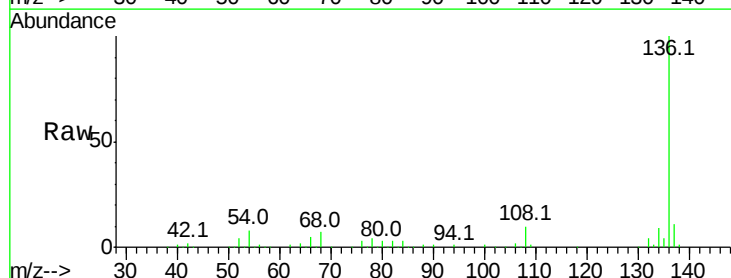
Ion Ratio Lower Upper

136 100

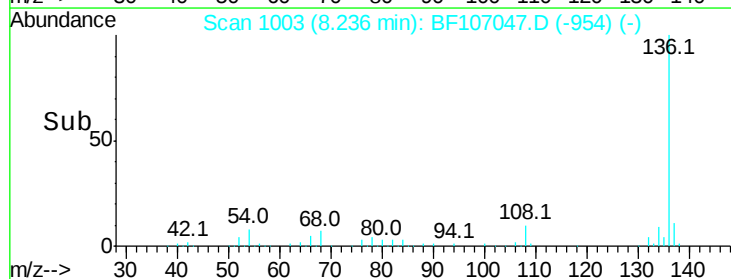
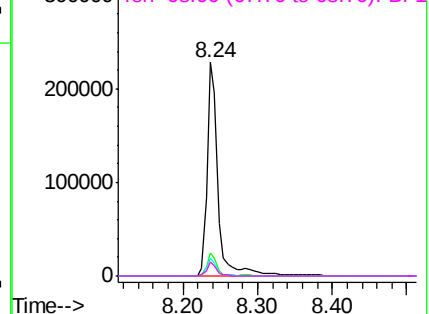
137 11.0 8.9 13.3

54 8.2 6.6 9.8

68 6.6 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

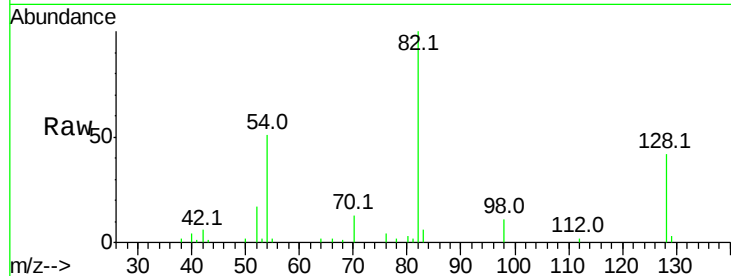




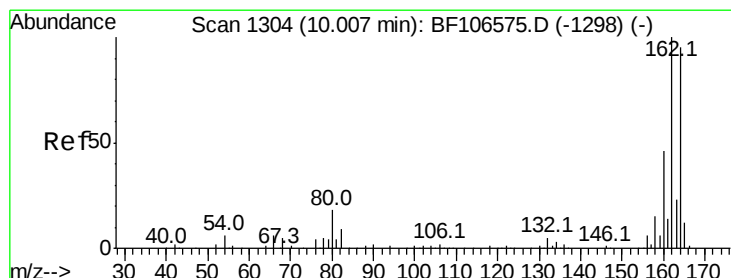
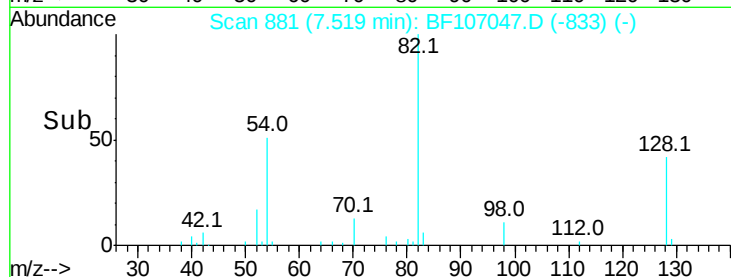
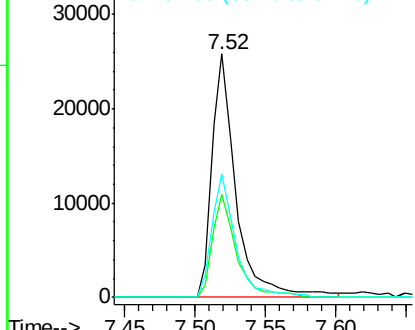
#23
Nitrobenzene-d5
Concen: 7.141 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107047.D
Acq: 2 Jul 2018 16:32

Instrument :
BNA_F
ClientSampleId :
A0C10-02

Tot Ion: 82 Resp: 30625
Ion Ratio Lower Upper
82 100
128 42.1 36.1 54.1
54 50.8 41.4 62.2

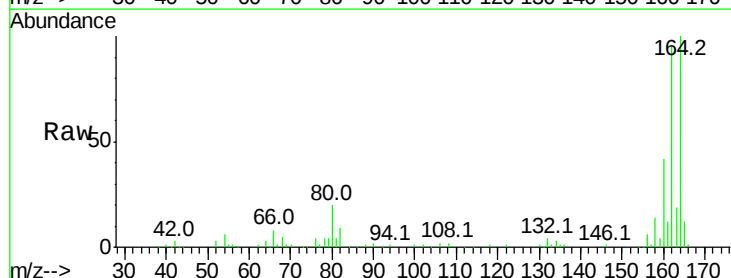


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

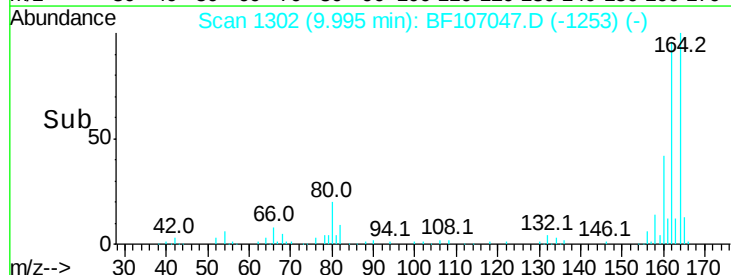
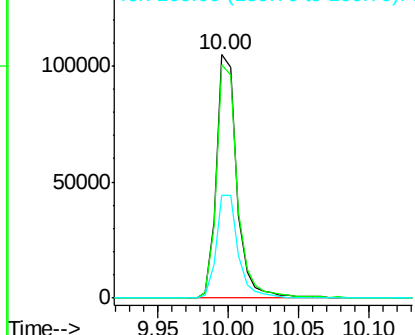


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107047.D
Acq: 2 Jul 2018 16:32

Tgt Ion:164 Resp: 106511
Ion Ratio Lower Upper
164 100
162 95.7 86.1 129.1
160 42.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

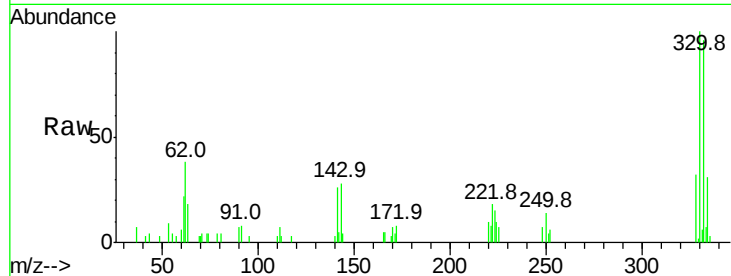




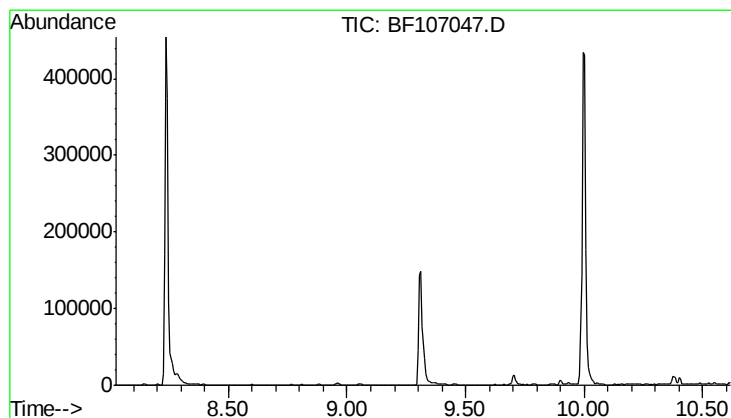
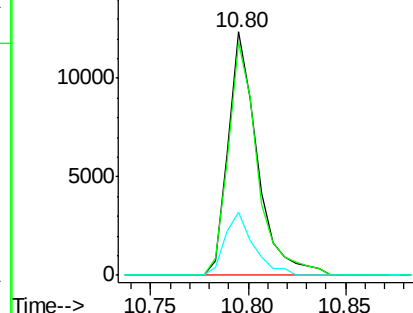
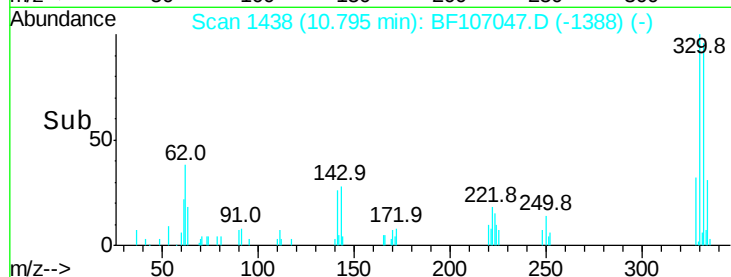
#41
 2,4,6-Tribromophenol
 Concen: 10.427 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107047.D
 Acq: 2 Jul 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :
 A0C10-02

Tot Ion:330 Resp: 12872
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 25.4 29.9 44.9#

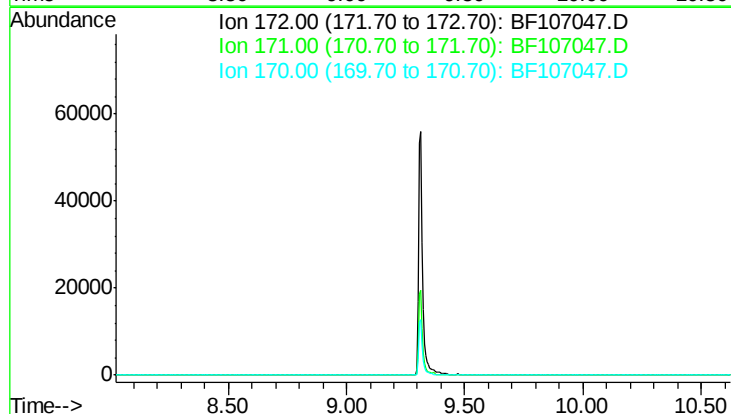


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.32 min
 Lab File: BF107047.D
 Acq: 2 Jul 2018 16:32

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 37.1
 170 24.5

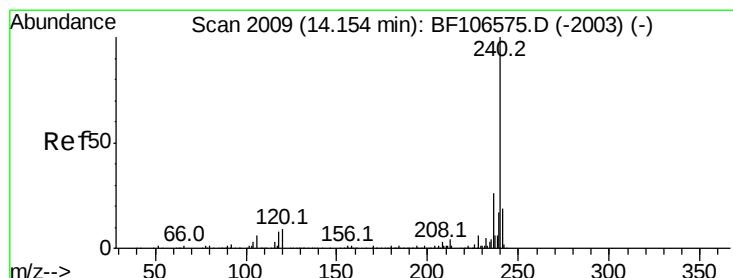
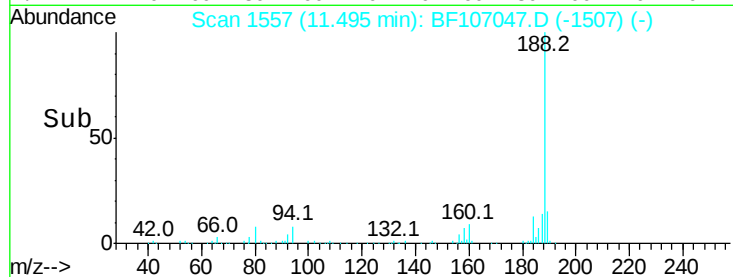
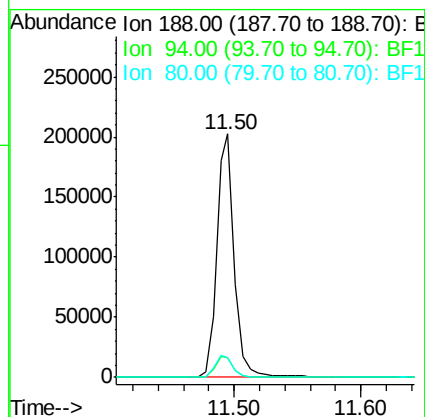
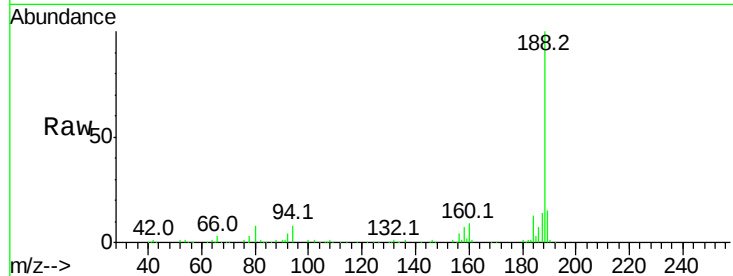




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107047.D
Acq: 2 Jul 2018 16:32

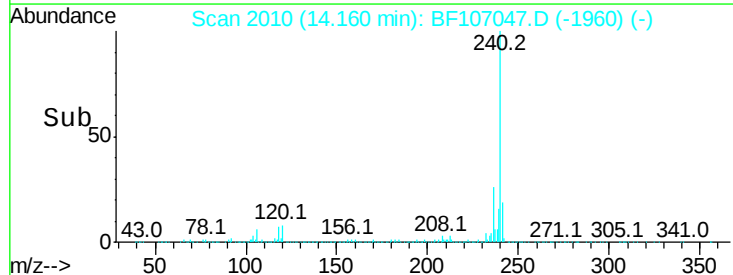
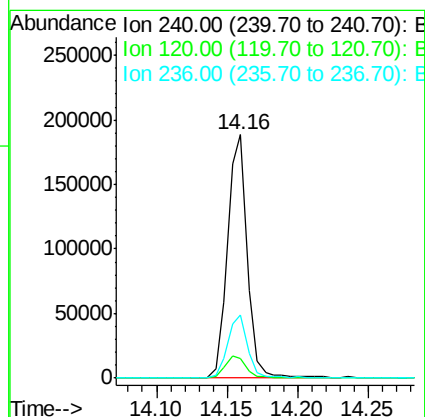
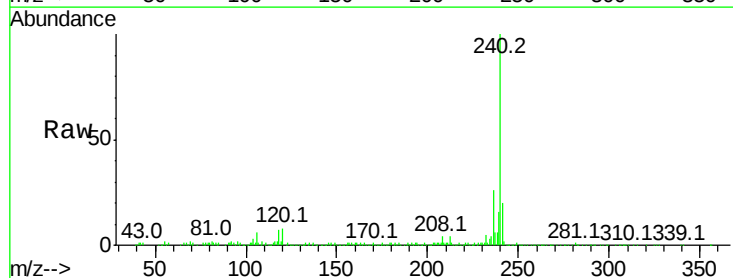
Instrument :
BNA_F
ClientSampleId :
A0C10-02

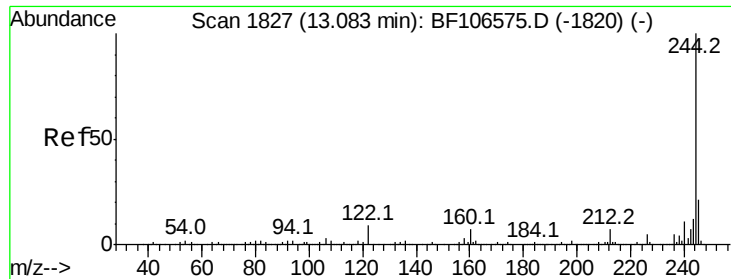
Tot Ion:188 Resp: 195526
Ion Ratio Lower Upper
188 100
94 7.8 8.5 12.7#
80 8.2 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107047.D
Acq: 2 Jul 2018 16:32

Tgt Ion:240 Resp: 181046
Ion Ratio Lower Upper
240 100
120 8.3 9.5 14.3#
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 10.774 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107047.D

Acq: 2 Jul 2018 16:32

Instrument :

BNA_F

ClientSampleId :

A0C10-02

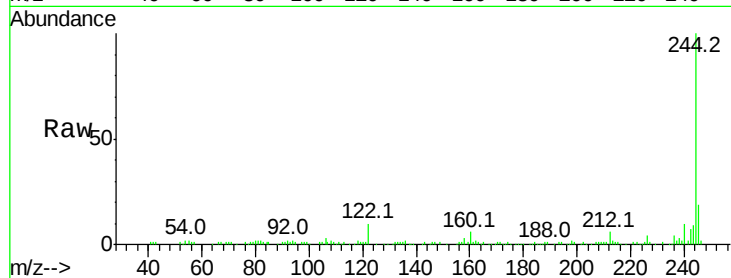
Tot Ion:244 Resp: 80528

Ion Ratio Lower Upper

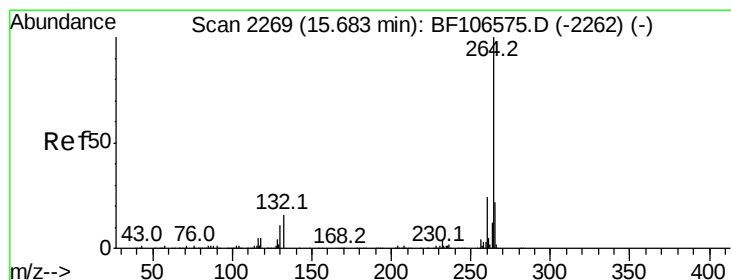
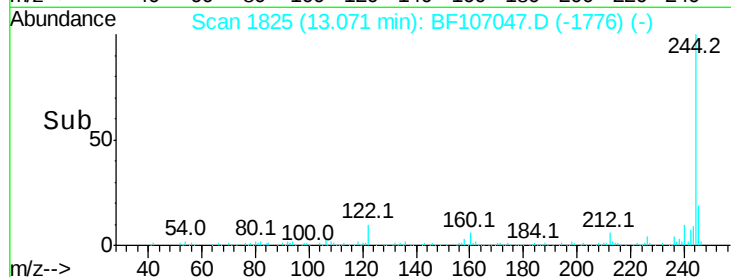
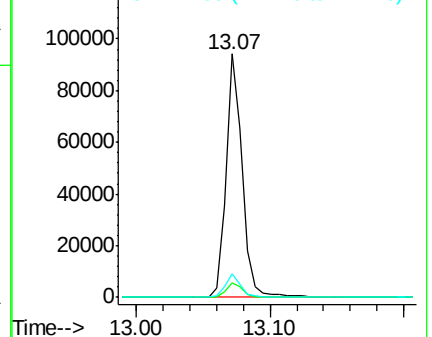
244 100

212 6.2 5.4 8.0

122 9.6 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: 15.72 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BF107047.D

Acq: 2 Jul 2018 16:32

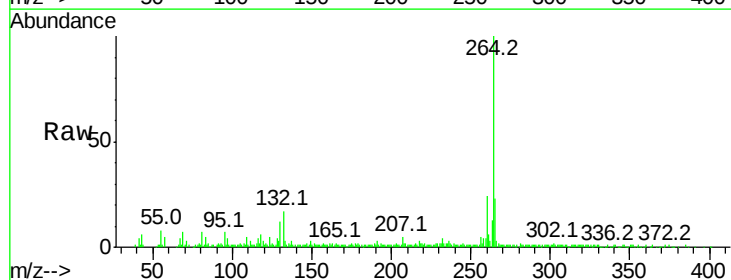
Tgt Ion:264 Resp: 121418

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 23.3 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

