

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
 Data File : BF108427.D
 Acq On : 23 Aug 2018 18:16
 Operator : JU/SJ
 Sample : J4535-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036

Quant Time: Aug 24 01:25:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

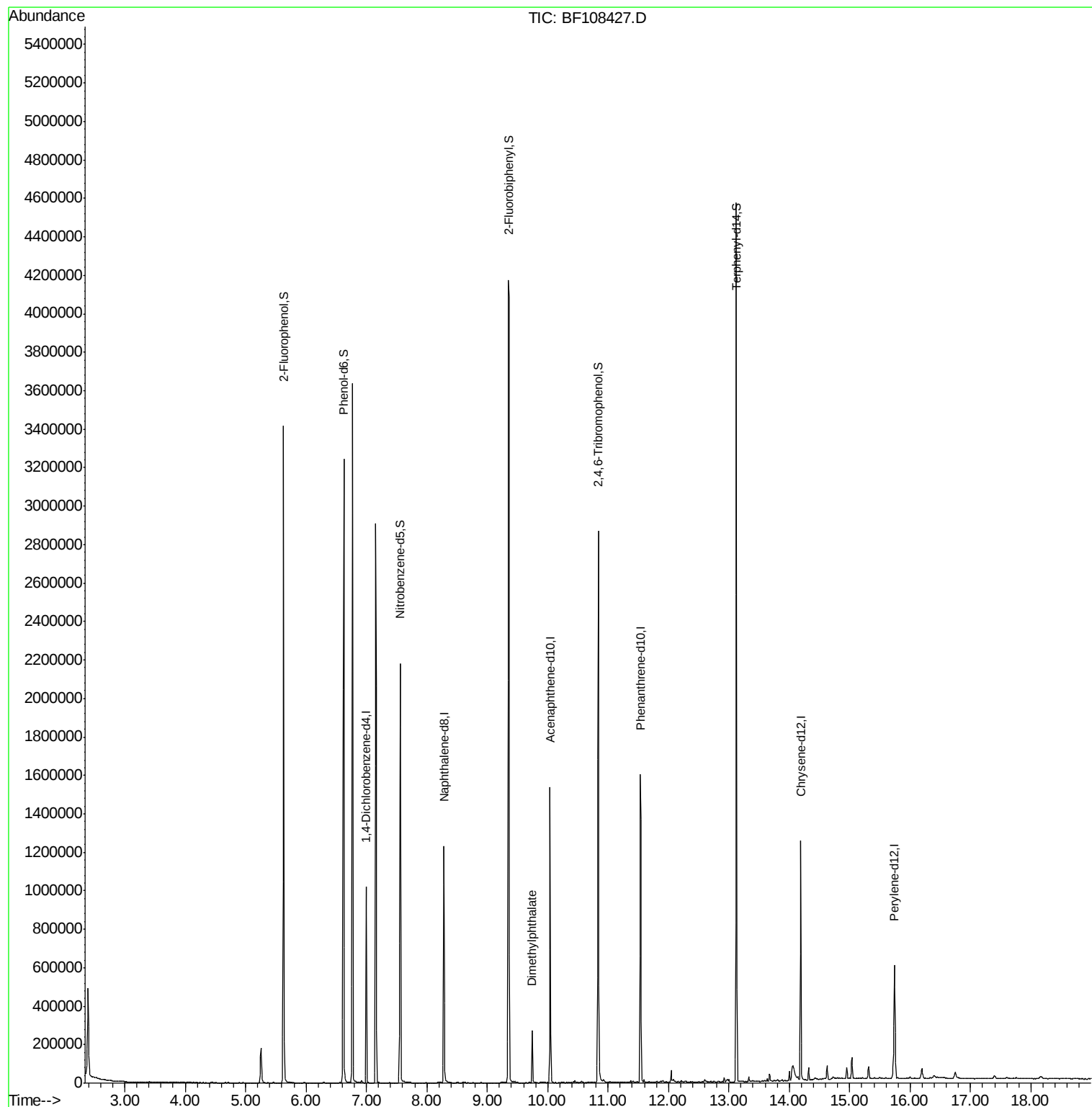
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	148227	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	565211	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	293939	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	595495	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	411820	20.00	ng	-0.01
86) Perylene-d12	15.74	264	299329	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	889610	108.66	ng	0.00
7) Phenol-d6	6.62	99	1225051	112.60	ng	0.00
23) Nitrobenzene-d5	7.56	82	801594	79.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	390894	133.32	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1460604	79.78	ng	0.00
78) Terphenyl-d14	13.12	244	1641569	101.35	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	119841	5.853	ng	Qvalue # 99

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

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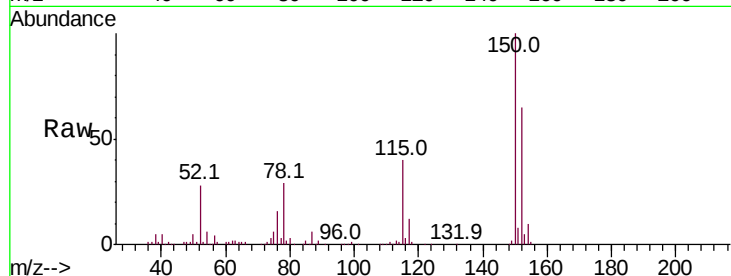


#1

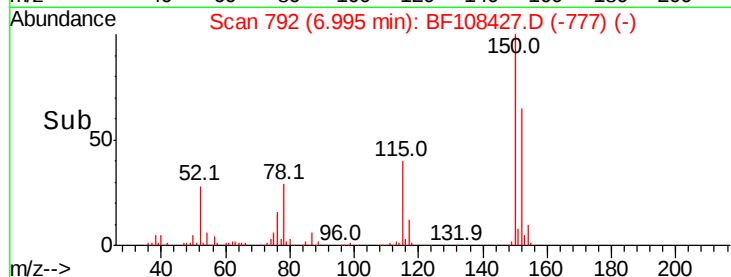
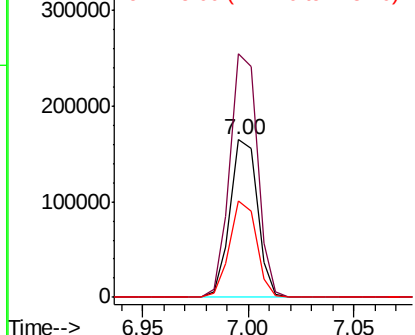
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108427.D
Acq: 23 Aug 2018 18:16

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036

Tot Ion:152 Resp: 148227
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 61.4 50.1 75.1



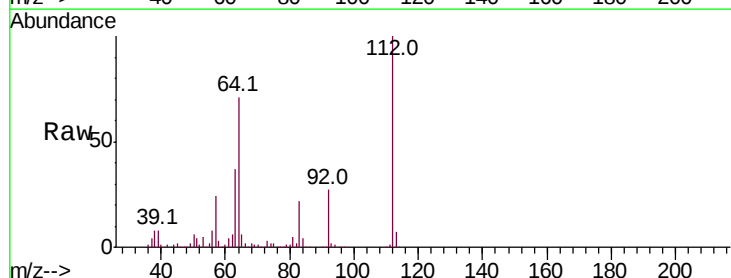
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



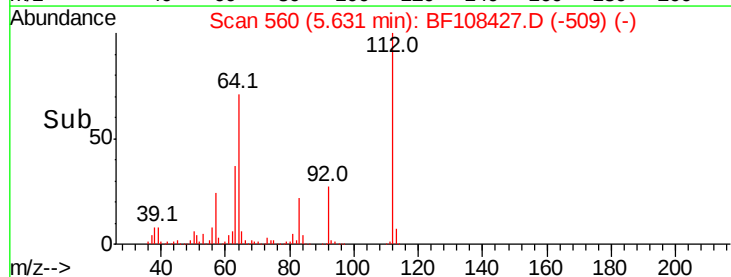
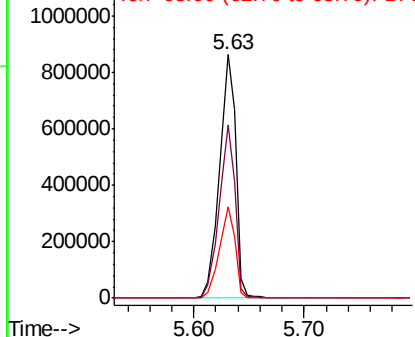
#5

2-Fluorophenol
Concen: 108.658 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108427.D
Acq: 23 Aug 2018 18:16

Tgt Ion:112 Resp: 889610
Ion Ratio Lower Upper
112 100
64 71.3 47.9 71.9
63 37.4 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: 112.599 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108427.D

Acq: 23 Aug 2018 18:16

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036

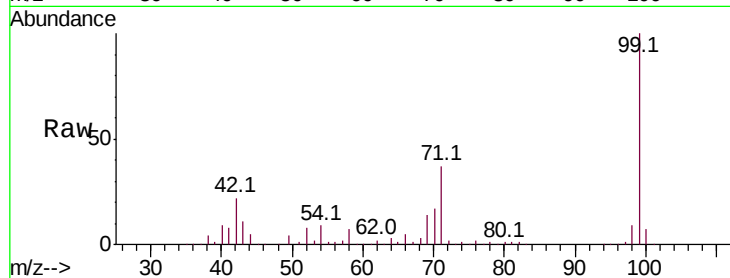
Tot Ion: 99 Resp: 1225051

Ion Ratio Lower Upper

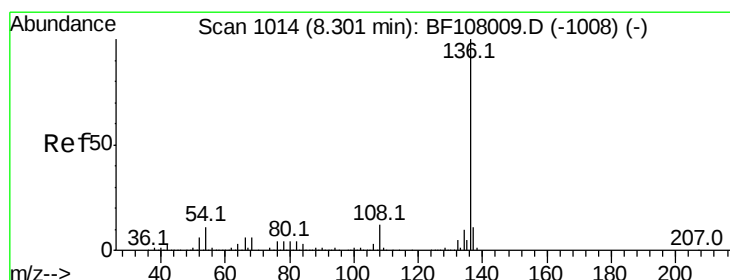
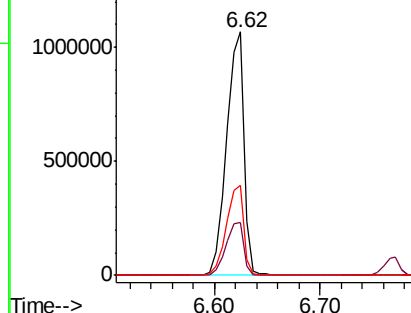
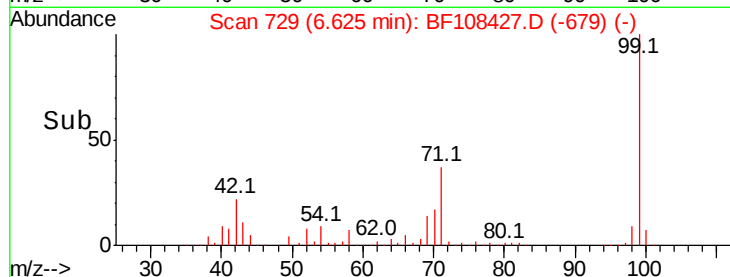
99 100

42 21.9 14.5 21.7#

71 36.8 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: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108427.D

Acq: 23 Aug 2018 18:16

Tgt Ion: 136 Resp: 565211

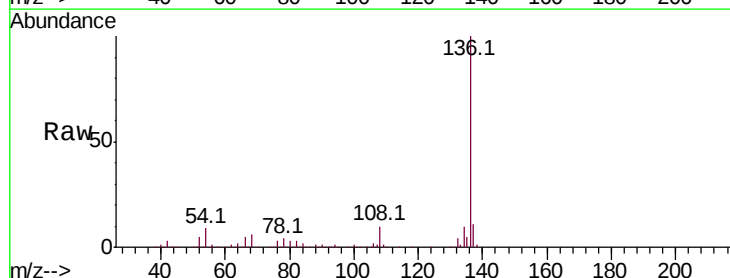
Ion Ratio Lower Upper

136 100

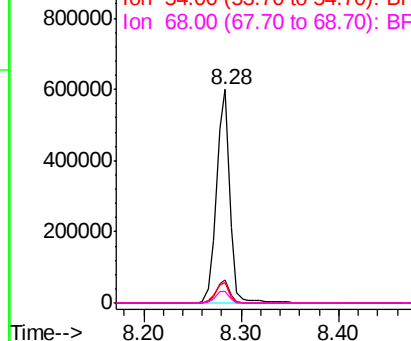
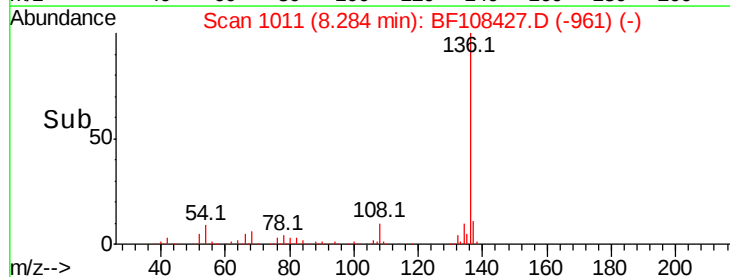
137 10.9 8.9 13.3

54 9.3 6.6 9.8

68 5.5 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

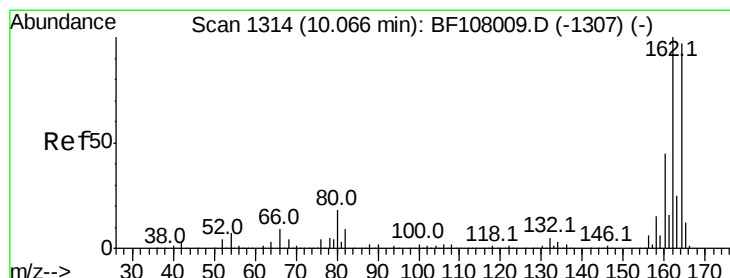
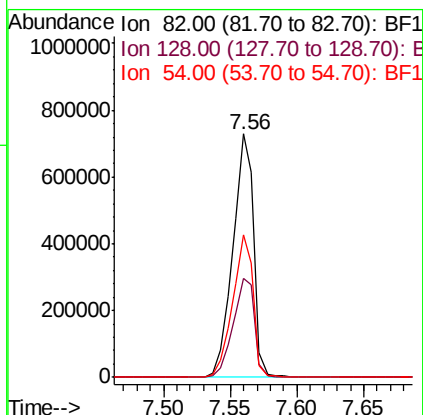
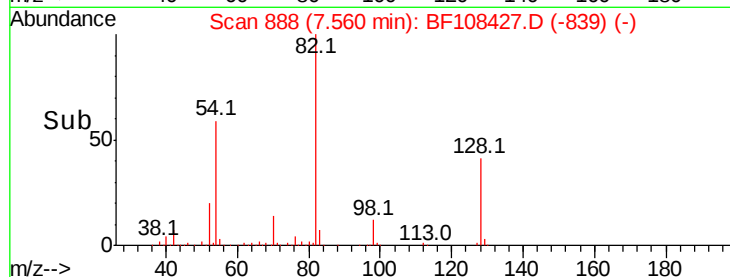
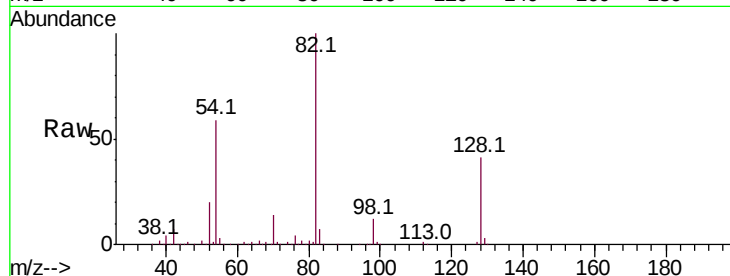




#23
Nitrobenzene-d5
Concen: 79.139 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108427.D
Acq: 23 Aug 2018 18:16

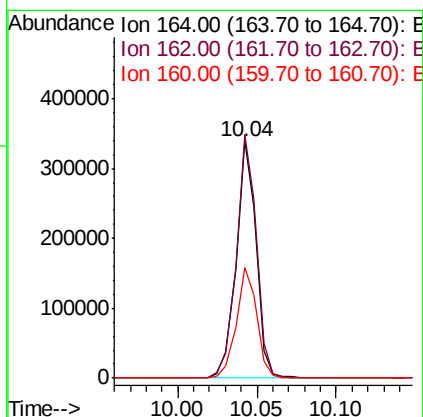
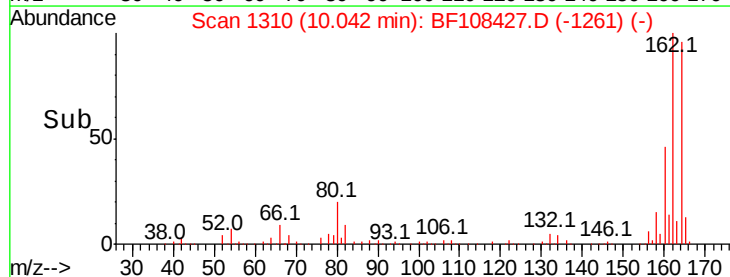
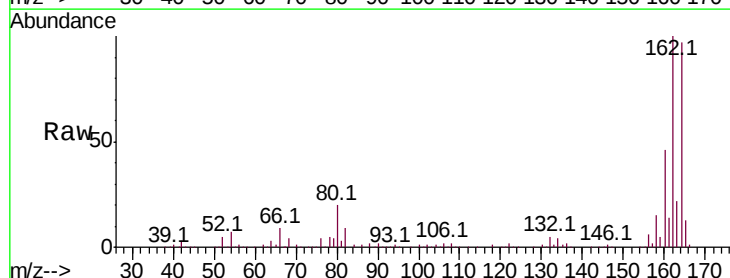
Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036

Tot Ion: 82 Resp: 801594
Ion Ratio Lower Upper
82 100
128 40.9 36.1 54.1
54 58.7 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108427.D
Acq: 23 Aug 2018 18:16

Tgt Ion: 164 Resp: 293939
Ion Ratio Lower Upper
164 100
162 102.8 86.1 129.1
160 46.9 38.3 57.5

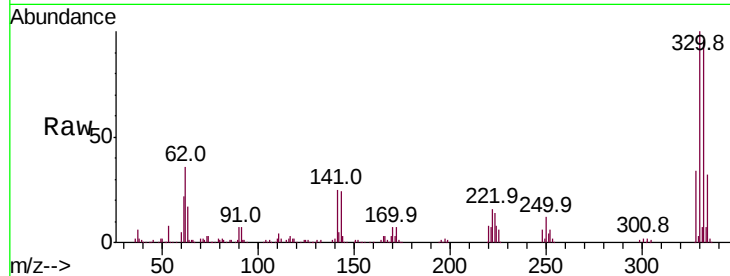




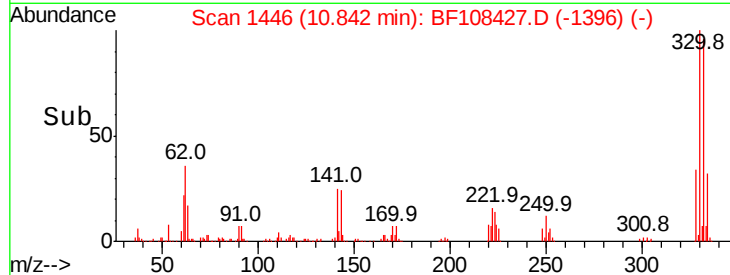
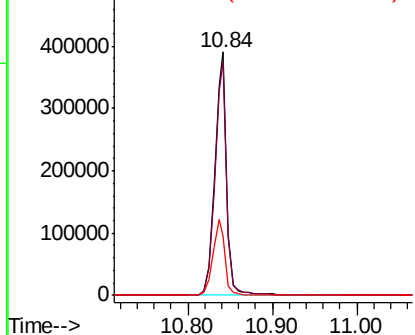
#41
 2,4,6-Tribromophenol
 Concen: 133.321 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108427.D
 Acq: 23 Aug 2018 18:16

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036

Tot Ion:330 Resp: 390894
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 32.1 29.9 44.9

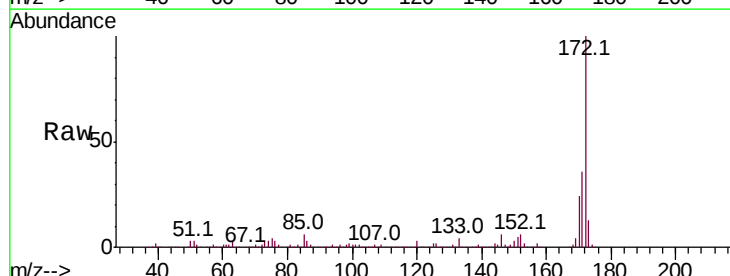


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

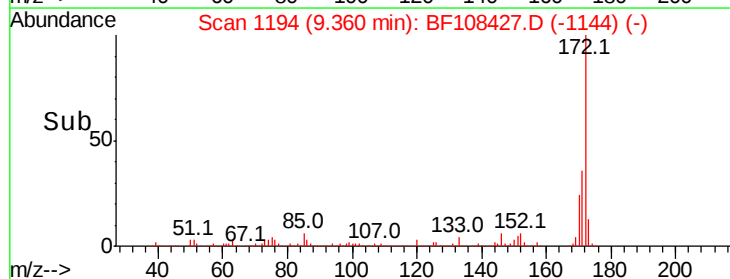
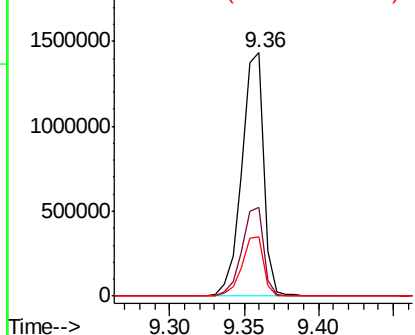


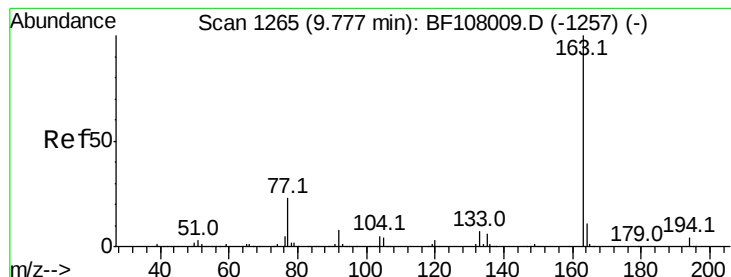
#44
 2-Fluorobiphenyl
 Concen: 79.777 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108427.D
 Acq: 23 Aug 2018 18:16

Tgt Ion:172 Resp: 1460604
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.3 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: 5.853 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108427.D

Acq: 23 Aug 2018 18:16

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036

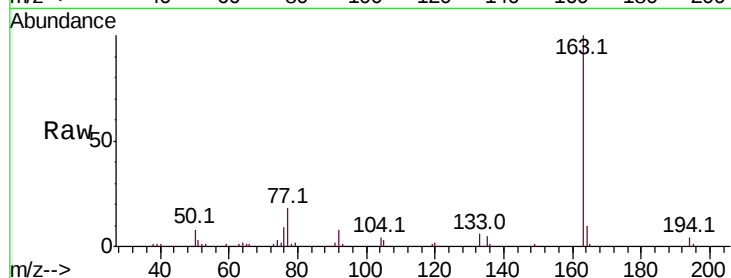
Tot Ion:163 Resp: 119841

Ion Ratio Lower Upper

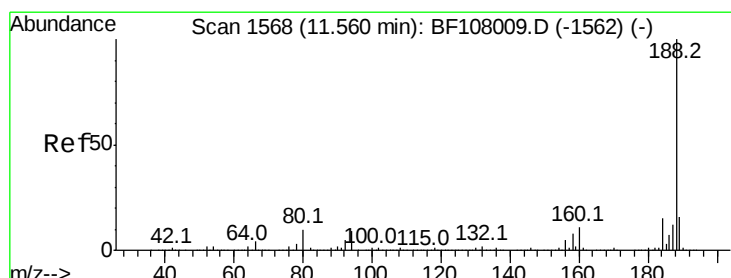
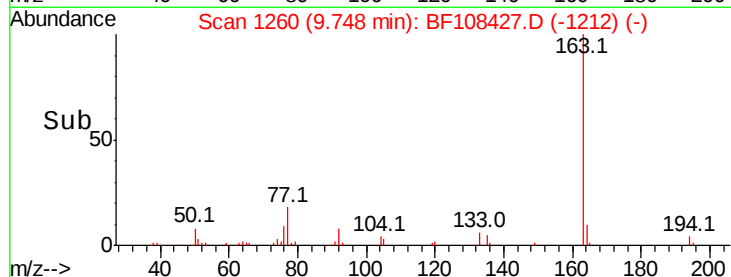
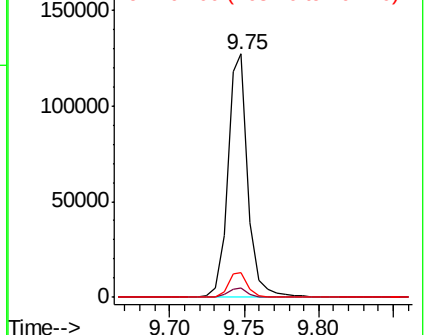
163 100

194 4.1 2.7 4.1#

164 10.1 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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.54 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF108427.D

Acq: 23 Aug 2018 18:16

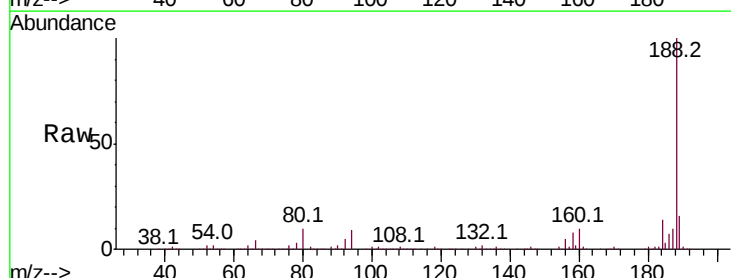
Tgt Ion:188 Resp: 595495

Ion Ratio Lower Upper

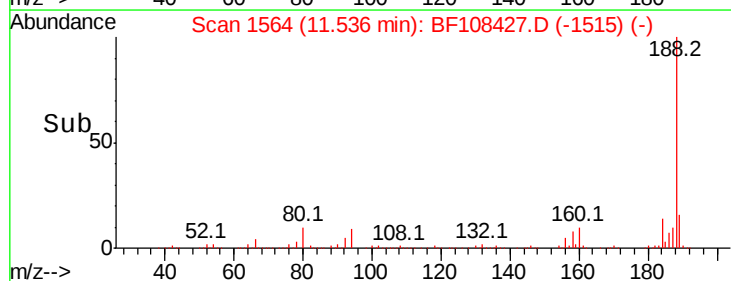
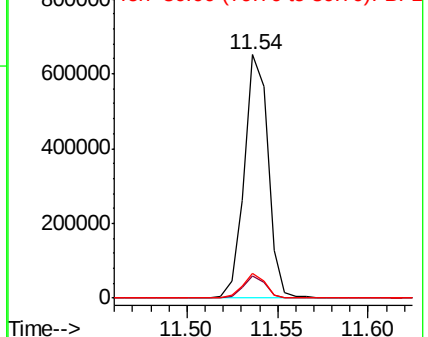
188 100

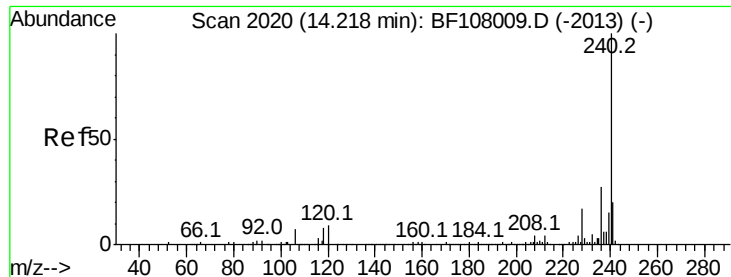
94 9.2 8.5 12.7

80 10.2 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: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108427.D

Acq: 23 Aug 2018 18:16

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036

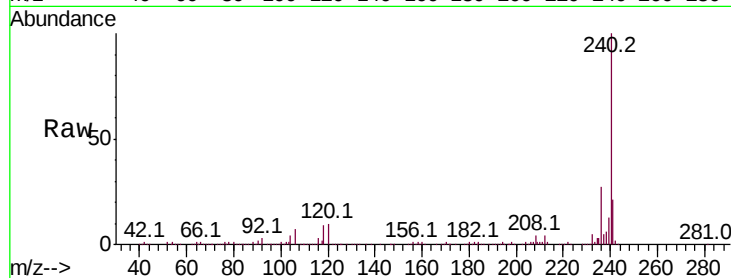
Tot Ion:240 Resp: 411820

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

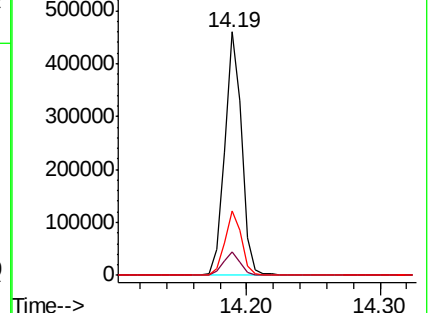
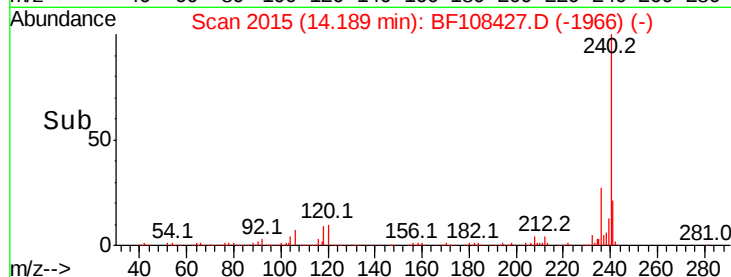
236 26.7 20.7 31.1



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: 101.350 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108427.D

Acq: 23 Aug 2018 18:16

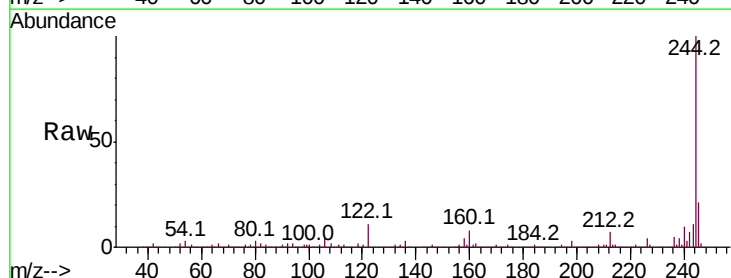
Tgt Ion:244 Resp: 1641569

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

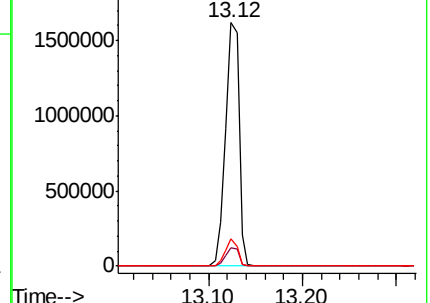
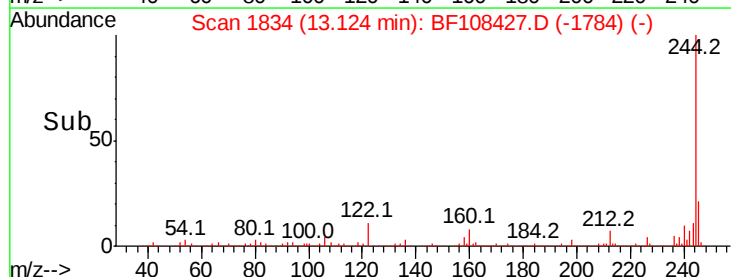
122 11.4 11.0 16.4

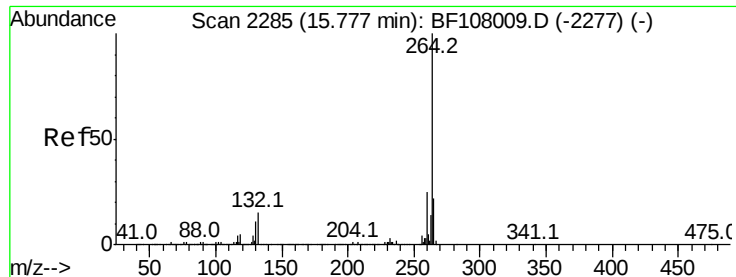


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF108427.D
Acq: 23 Aug 2018 18:16

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3

