

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111577.D
 Acq On : 18 Dec 2018 9:44
 Operator : JU/SJ
 Sample : PB115763BL
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115763BL

Quant Time: Dec 18 10:36:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	102893	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	391827	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	163429	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	234001	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	196049	20.00	ng	-0.01
87) Perylene-d12	15.38	264	144324	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	735829	119.00	ng	0.00
7) Phenol-d6	6.43	99	940777	114.38	ng	0.00
23) Nitrobenzene-d5	7.35	82	564936	85.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	141553	96.69	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1065609	100.72	ng	-0.01
79) Terphenyl-d14	12.89	244	742761	88.97	ng	0.00

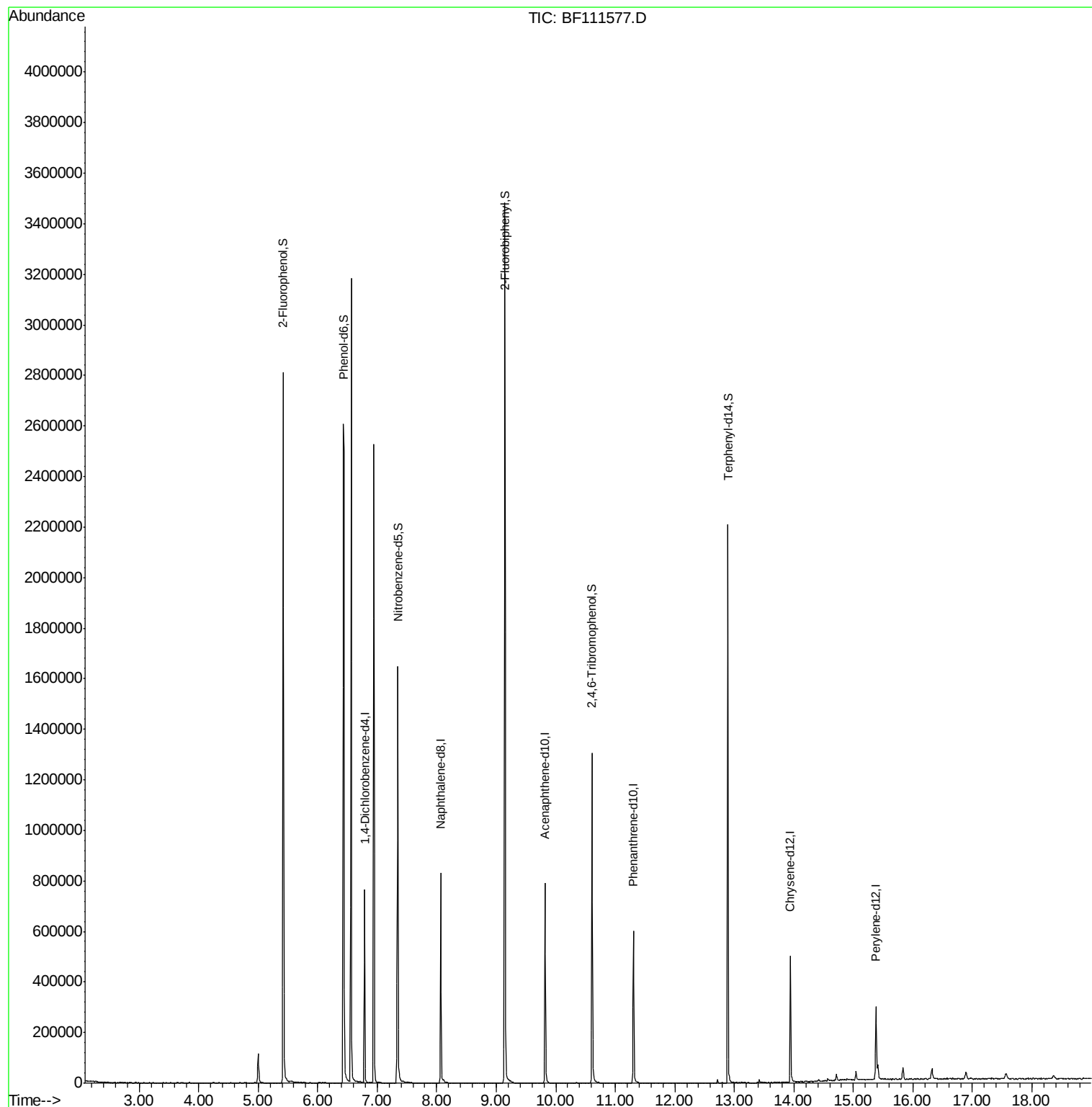
Target Compounds Qvalue

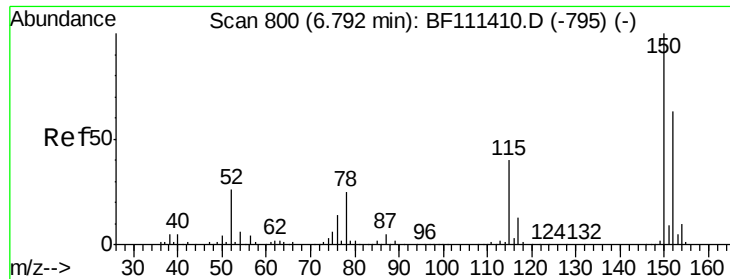
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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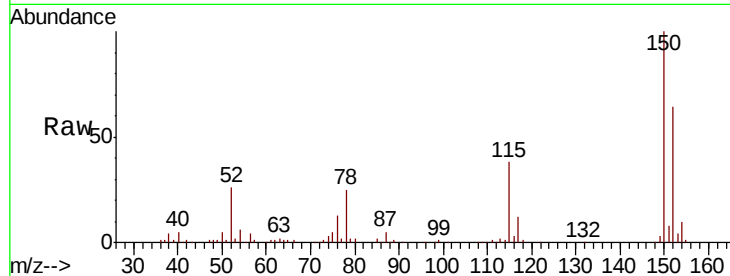


#1

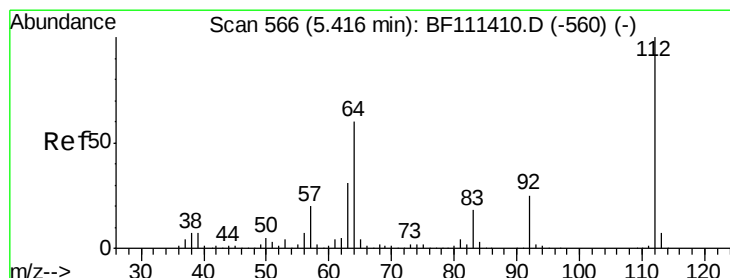
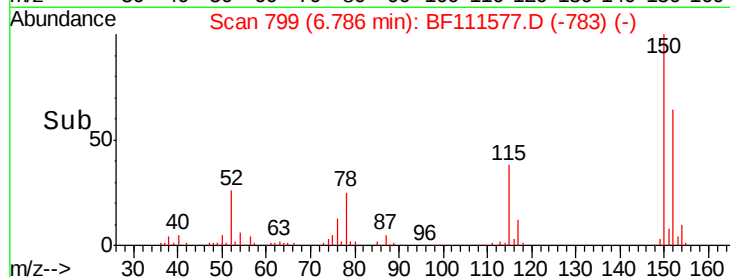
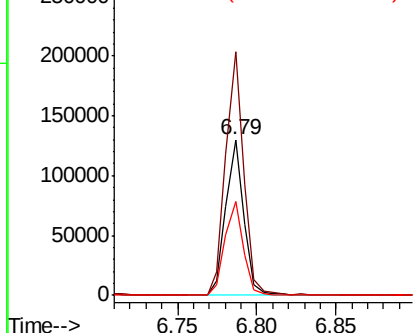
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111577.D
Acq: 18 Dec 2018 9:44

Instrument :
BNA_F
ClientSampleId :
PB115763BL

Tot Ion:152 Resp: 102893
Ion Ratio Lower Upper
152 100
150 156.6 126.6 189.8
115 60.2 50.7 76.1



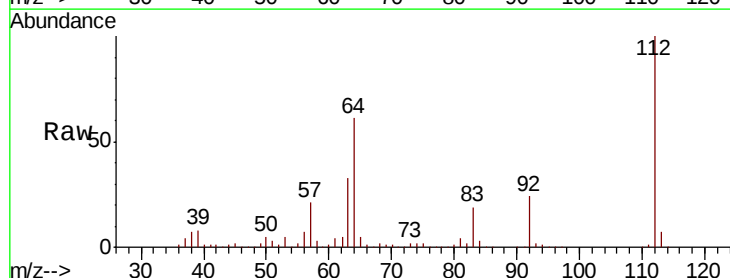
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



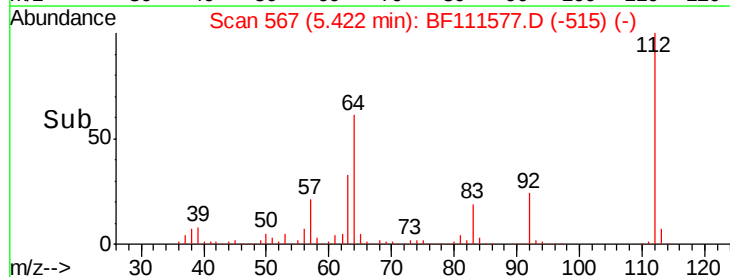
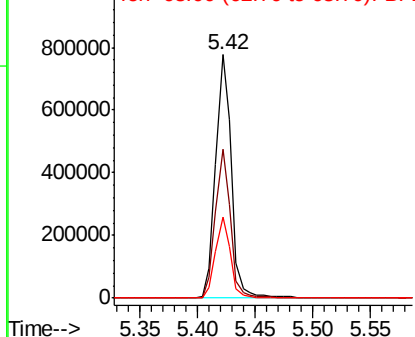
#5

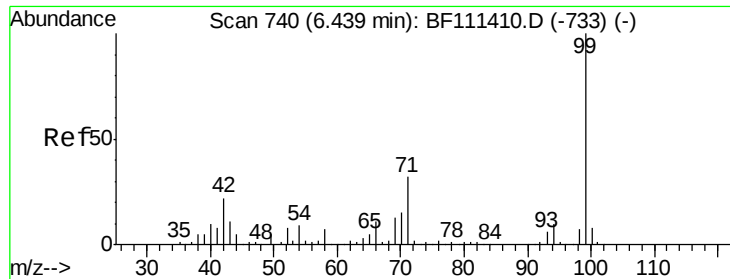
2-Fluorophenol
Concen: 119.004 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111577.D
Acq: 18 Dec 2018 9:44

Tgt Ion:112 Resp: 735829
Ion Ratio Lower Upper
112 100
64 61.3 51.8 77.6
63 33.1 26.8 40.2



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: 114.383 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111577.D

Acq: 18 Dec 2018 9:44

Instrument :

BNA_F

ClientSampleId :

PB115763BL

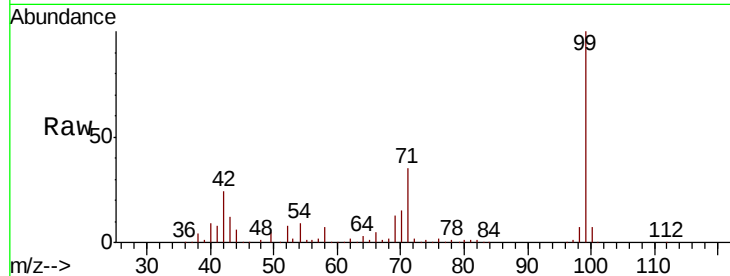
Tot Ion: 99 Resp: 940777

Ion Ratio Lower Upper

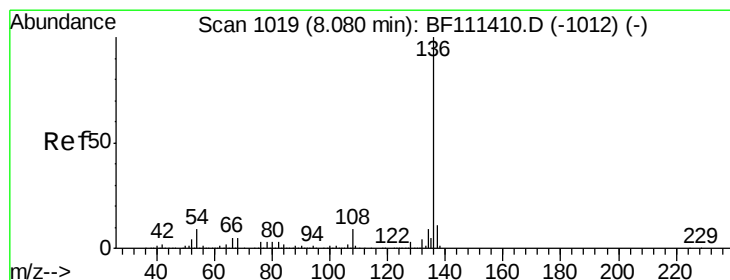
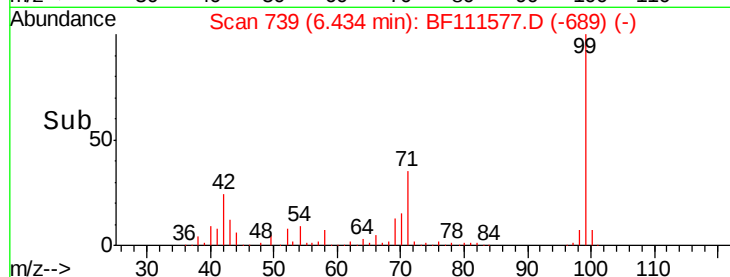
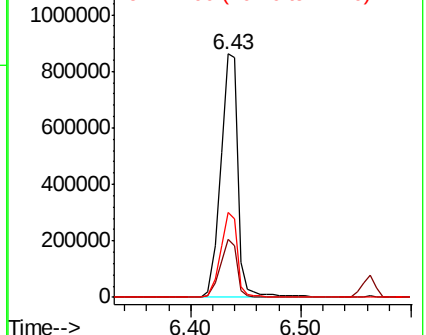
99 100

42 23.8 17.4 26.0

71 35.1 26.1 39.1



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: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF111577.D

Acq: 18 Dec 2018 9:44

Tgt Ion: 136 Resp: 391827

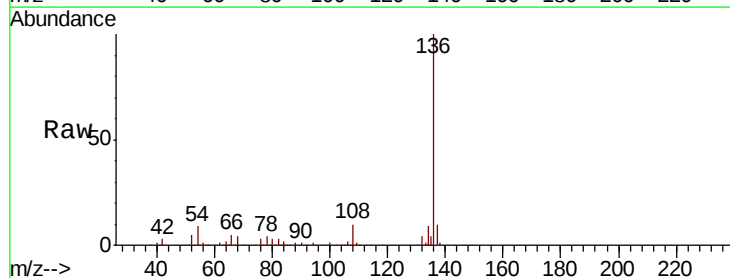
Ion Ratio Lower Upper

136 100

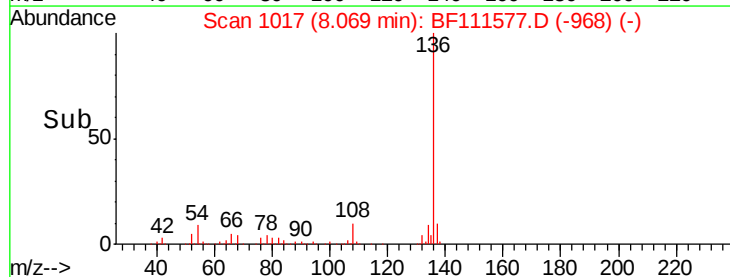
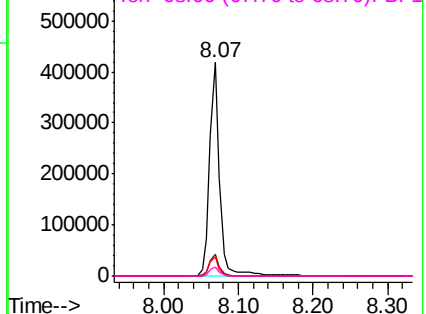
137 10.1 9.1 13.7

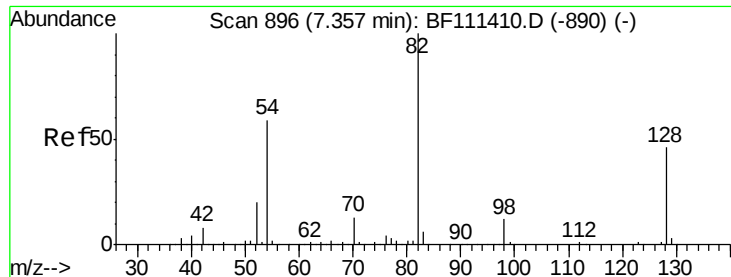
54 9.0 7.7 11.5

68 4.1 4.9 7.3#



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

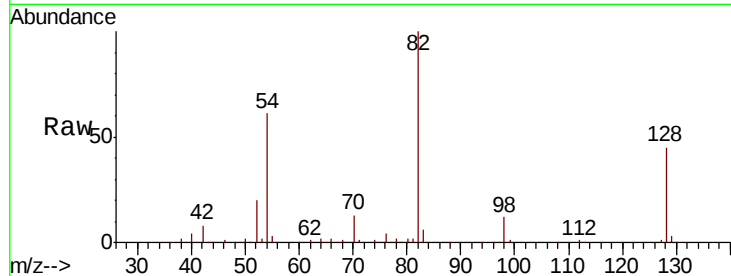




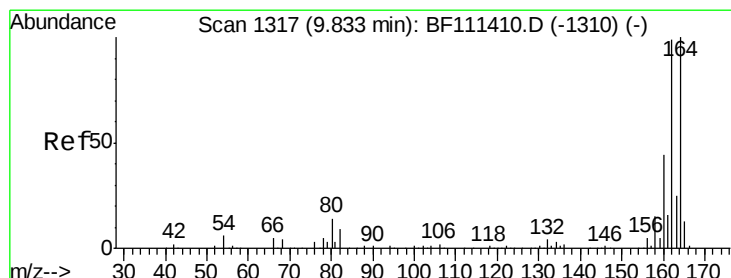
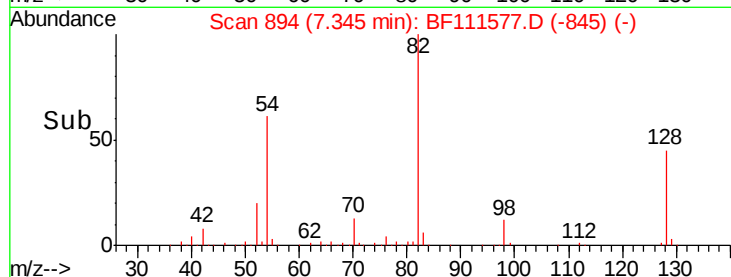
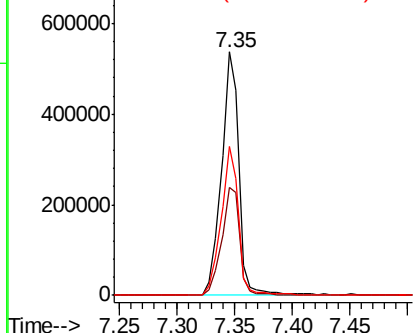
#23
Nitrobenzene-d5
Concen: 85.857 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF111577.D
Acq: 18 Dec 2018 9:44

Instrument :
BNA_F
ClientSampleId :
PB115763BL

Tot Ion: 82 Resp: 564936
Ion Ratio Lower Upper
82 100
128 44.6 37.4 56.2
54 61.2 47.6 71.4

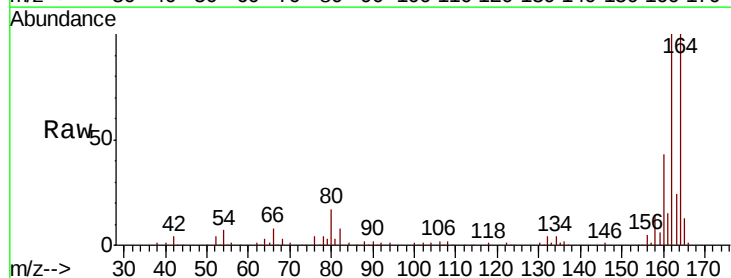


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

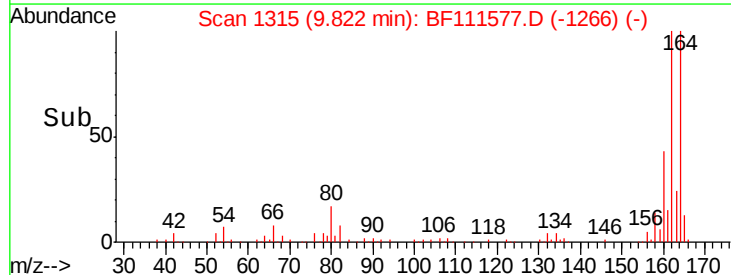
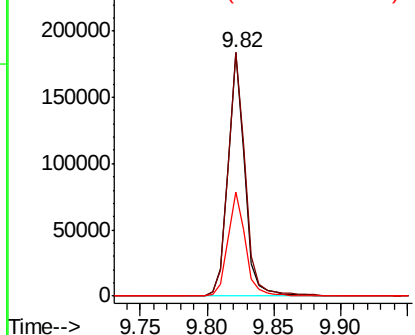


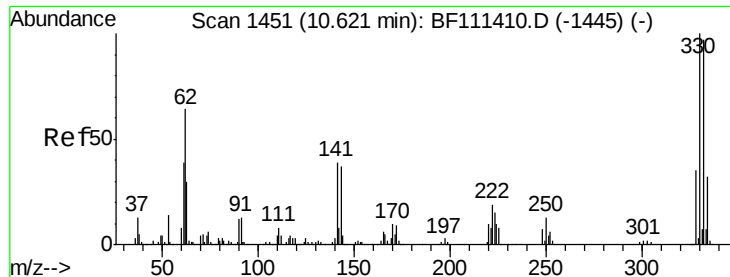
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111577.D
Acq: 18 Dec 2018 9:44

Tgt Ion: 164 Resp: 163429
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 43.0 35.7 53.5



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

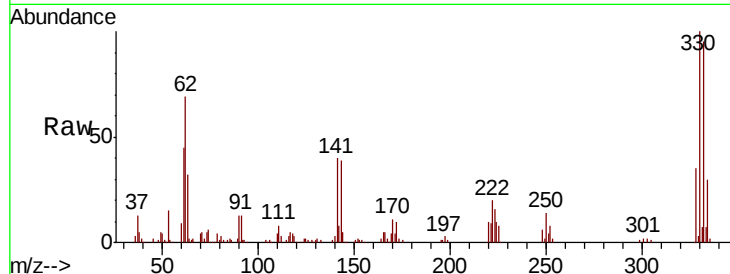




#42
 2,4,6-Tribromophenol
 Concen: 96.691 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF111577.D
 Acq: 18 Dec 2018 9:44

Instrument :
 BNA_F
 ClientSampleId :
 PB115763BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.0	114.0
141	40.5	31.0	46.6

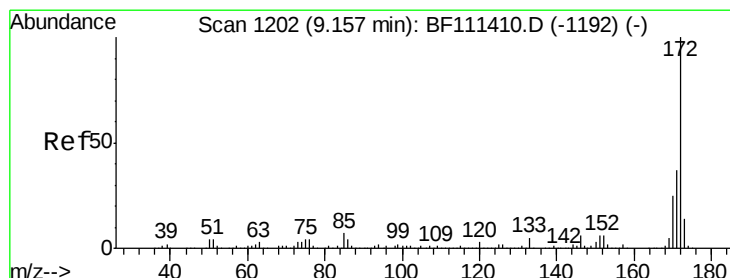
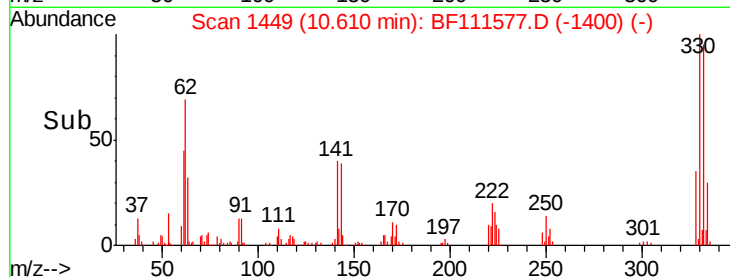
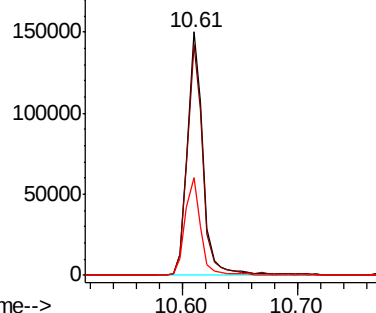


Abundance

Ion 329.80 (329.50 to 330.50): E

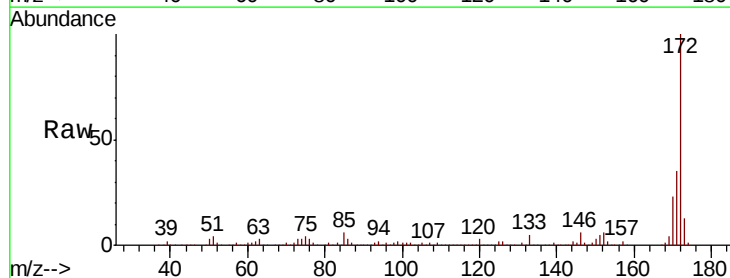
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 100.715 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111577.D
 Acq: 18 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	33.0	49.4
170	23.4	22.3	33.5

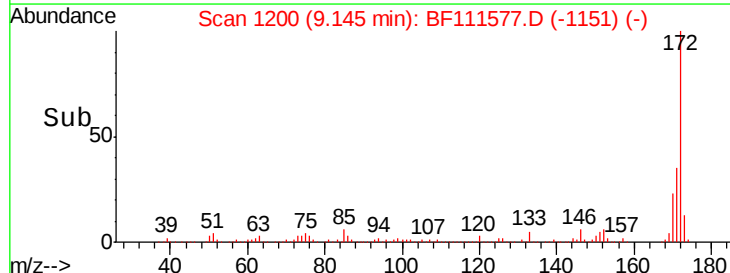
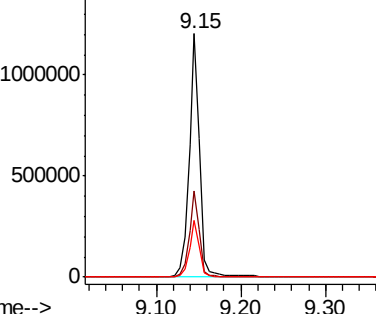


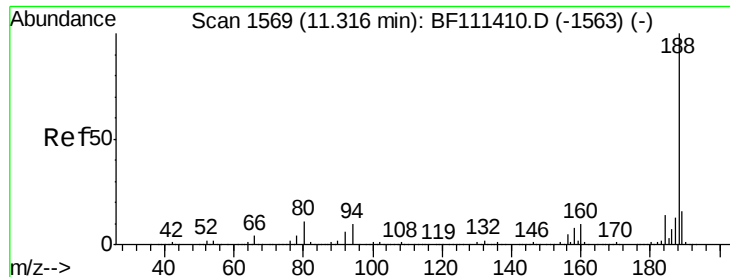
Abundance

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

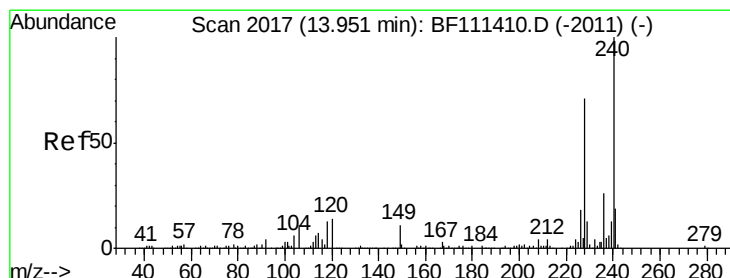
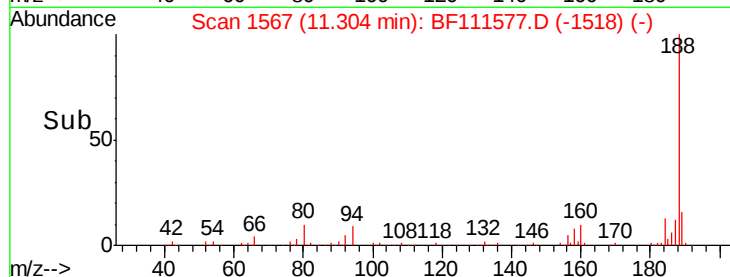
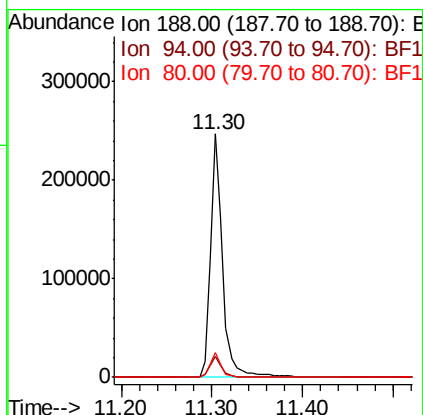
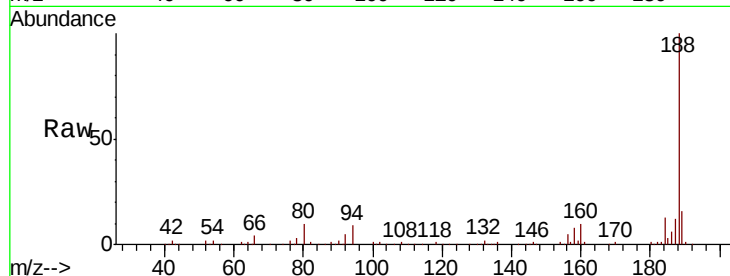




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF111577.D
Acq: 18 Dec 2018 9:44

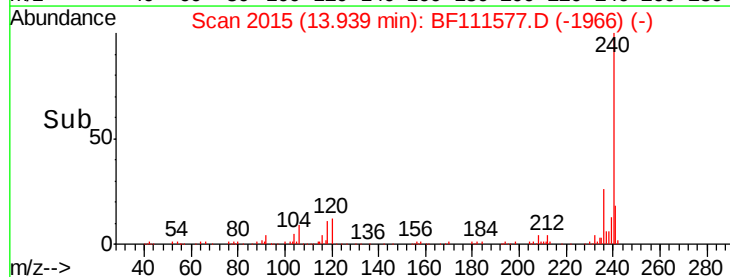
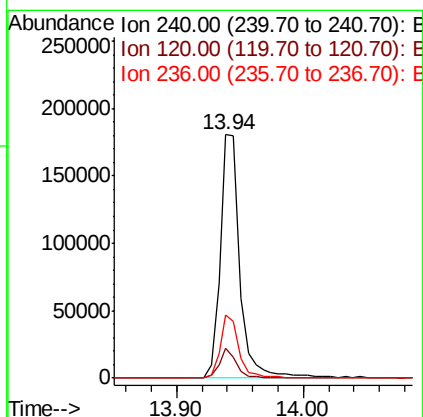
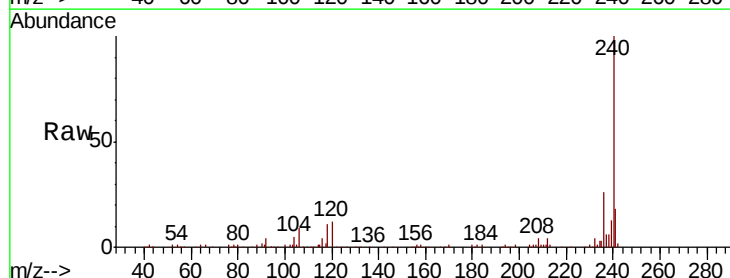
Instrument :
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PB115763BL

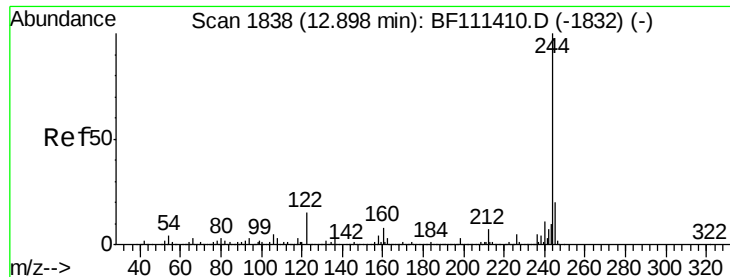
Tot Ion:188 Resp: 234001
Ion Ratio Lower Upper
188 100
94 8.7 9.6 14.4#
80 9.9 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111577.D
Acq: 18 Dec 2018 9:44

Tgt Ion:240 Resp: 196049
Ion Ratio Lower Upper
240 100
120 12.1 12.2 18.2#
236 26.1 20.2 30.2





#79

Terphenyl-d14

Concen: 88.966 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF111577.D

Acq: 18 Dec 2018 9:44

Instrument :

BNA_F

ClientSampleId :

PB115763BL

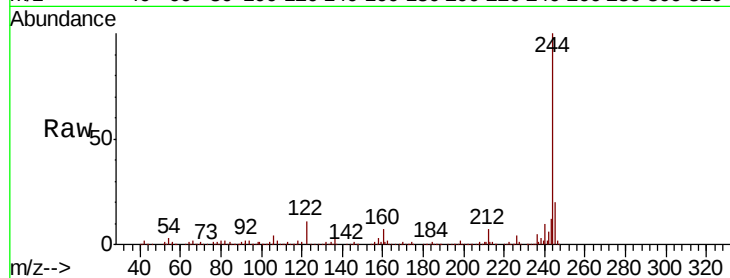
Tot Ion:244 Resp: 742761

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

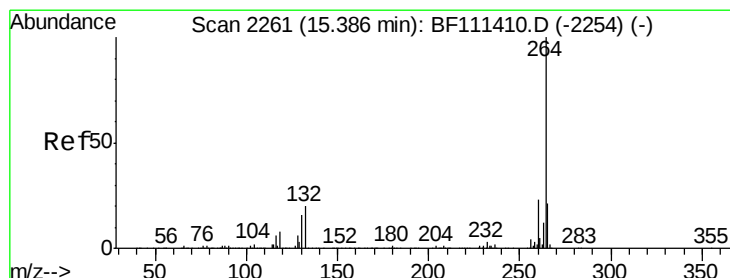
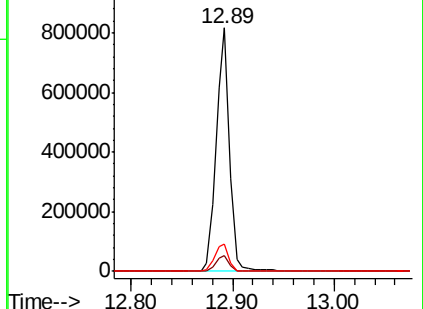
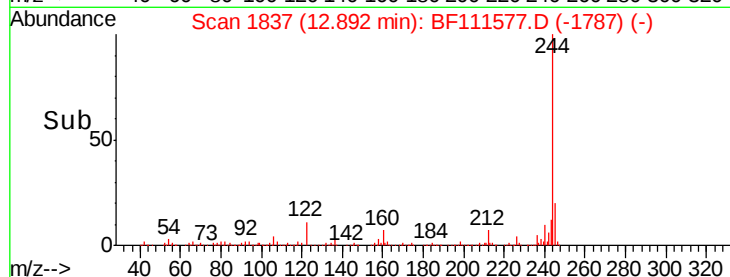
122 11.4 13.1 19.7#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF111577.D

Acq: 18 Dec 2018 9:44

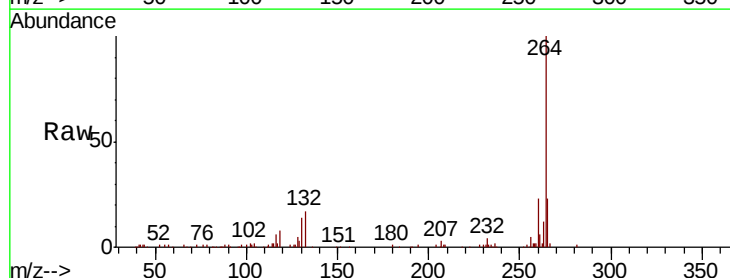
Tgt Ion:264 Resp: 144324

Ion Ratio Lower Upper

264 100

260 22.8 18.3 27.5

265 22.6 17.7 26.5



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

