

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111420.D
 Acq On : 14 Dec 2018 15:55
 Operator : JU/SJ
 Sample : J6312-01 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Dec 14 17:02:57 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	178417	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	781065	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	364451	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	630034	20.00	ng	0.00
76) Chrysene-d12	13.95	240	366996	20.00	ng	0.00
87) Perylene-d12	15.39	264	386667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	85791	8.00	ng	0.03
7) Phenol-d6	6.45	99	1570	0.11	ng	0.00
23) Nitrobenzene-d5	7.37	82	204746	15.61	ng	0.02
42) 2,4,6-Tribromophenol	10.62	330	51448	15.76	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	430249	18.24	ng	0.00
79) Terphenyl-d14	12.90	244	280173	17.93	ng	0.00

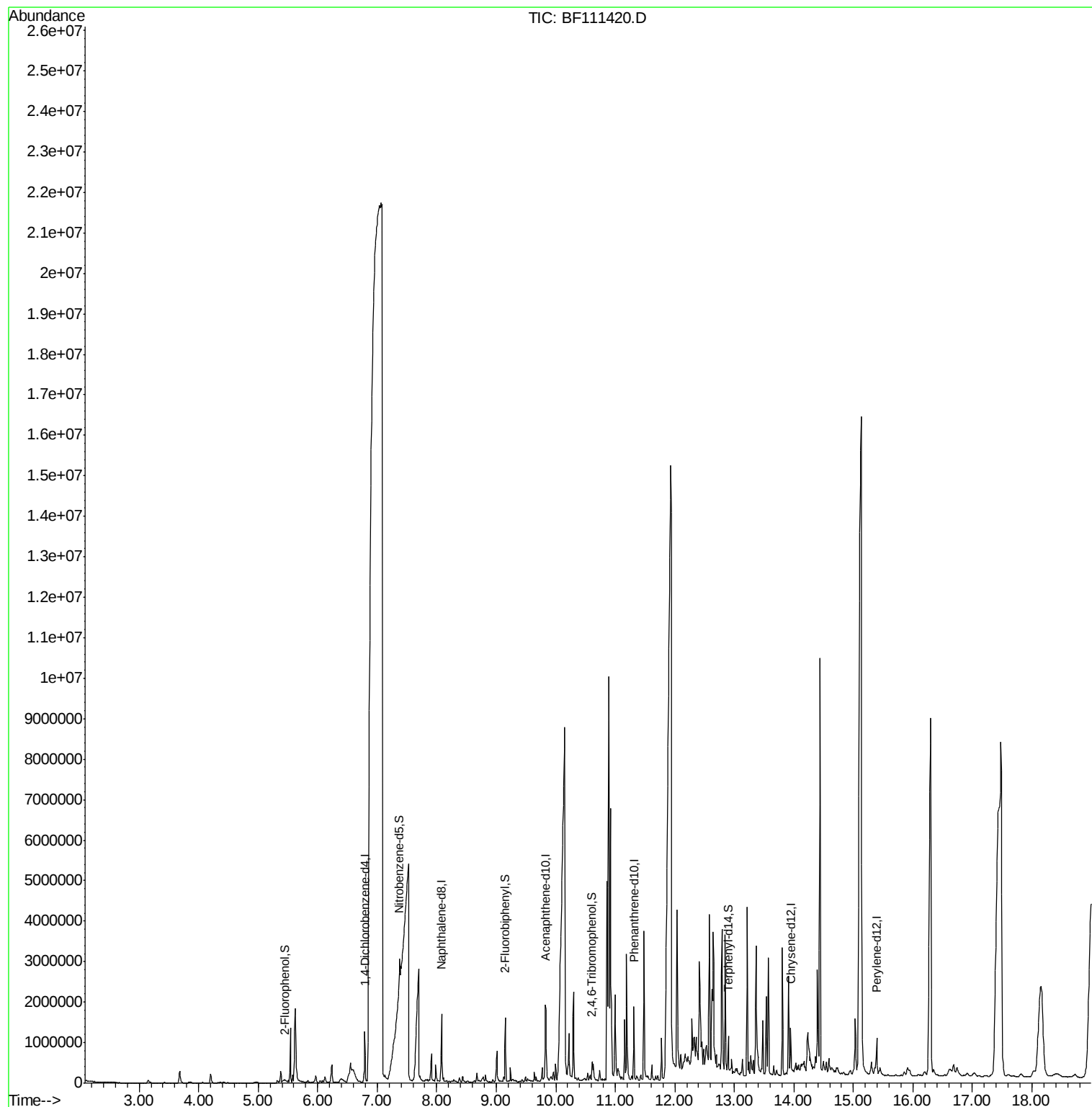
Target Compounds Qvalue

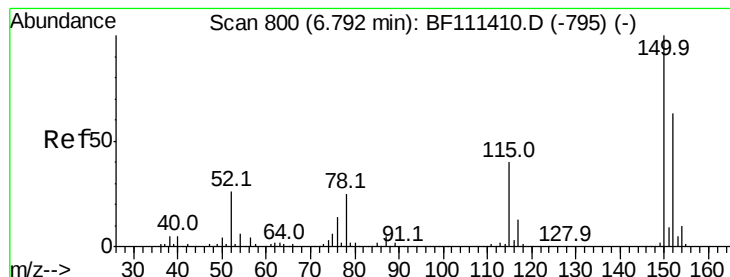
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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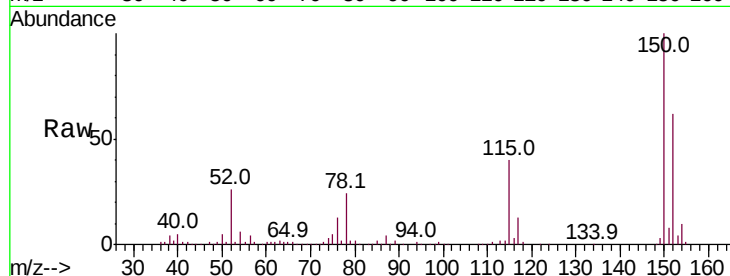


#1

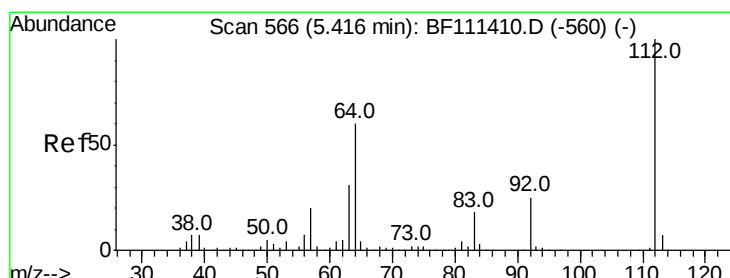
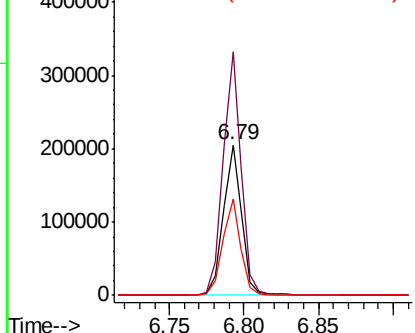
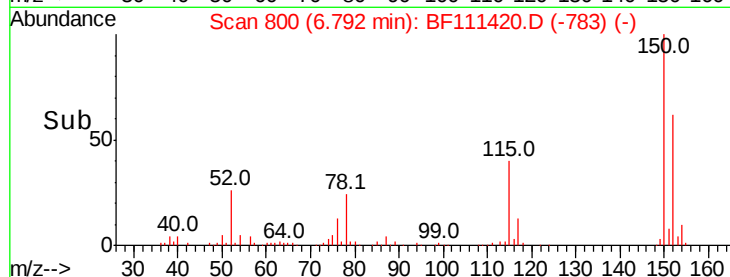
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111420.D
Acq: 14 Dec 2018 15:55

Instrument :
BNA_F
ClientSampled :
EFF-WW

Tot Ion:152 Resp: 178417
Ion Ratio Lower Upper
152 100
150 161.5 126.6 189.8
115 63.9 50.7 76.1



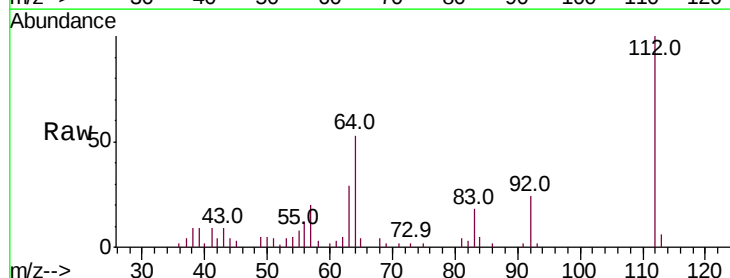
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



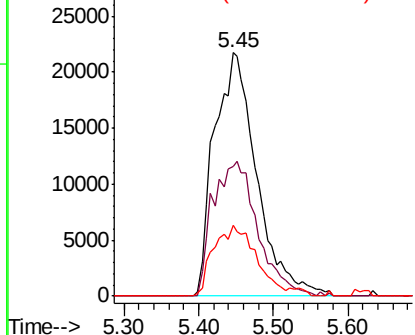
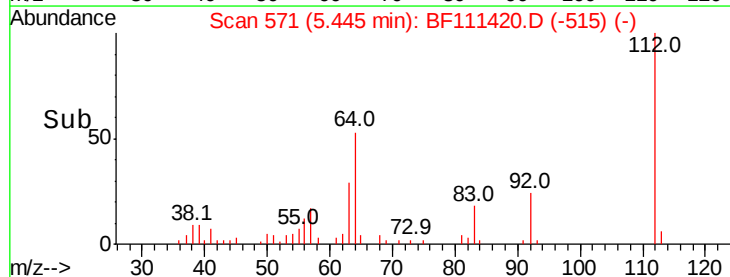
#5

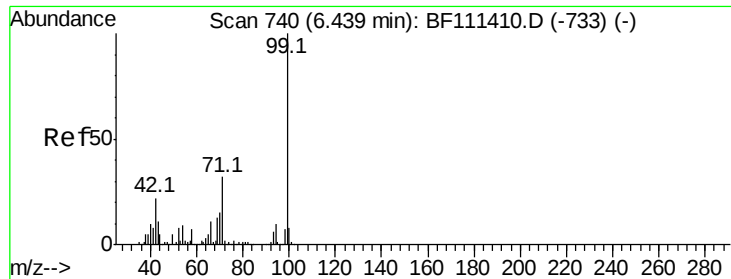
2-Fluorophenol
Concen: 8.002 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.03 min
Lab File: BF111420.D
Acq: 14 Dec 2018 15:55

Tgt Ion:112 Resp: 85791
Ion Ratio Lower Upper
112 100
64 53.1 51.8 77.6
63 29.0 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: 0.110 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111420.D

Acq: 14 Dec 2018 15:55

Instrument :

BNA_F

ClientSampleId :

EFF-WW

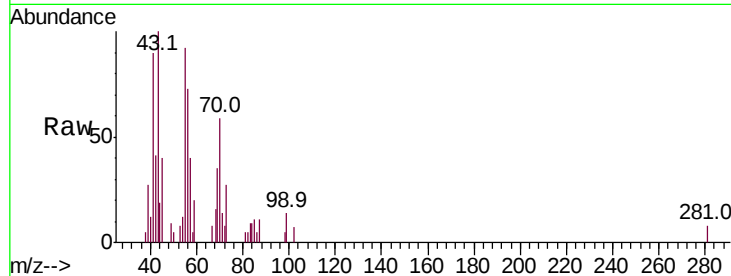
Tot Ion: 99 Resp: 1570

Ion Ratio Lower Upper

99 100

42 294.8 17.4 26.0#

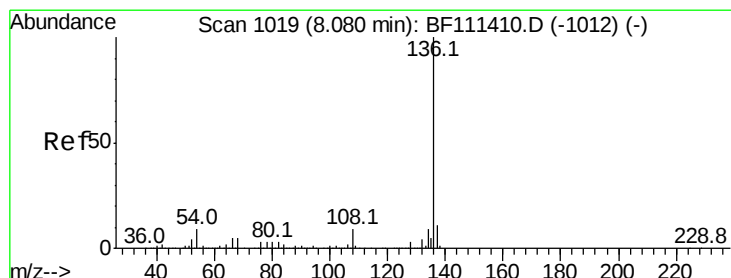
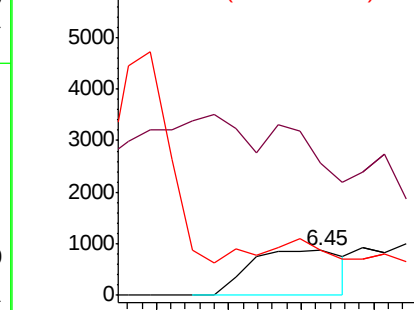
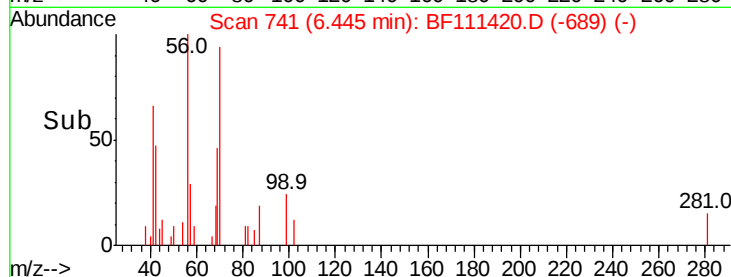
71 100.6 26.1 39.1#



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: 8.09 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BF111420.D

Acq: 14 Dec 2018 15:55

Tgt Ion: 136 Resp: 781065

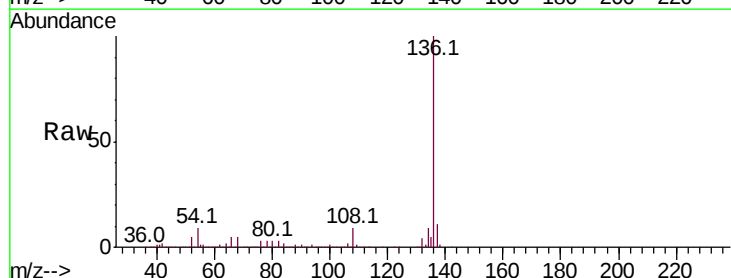
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.5 7.7 11.5

68 5.0 4.9 7.3

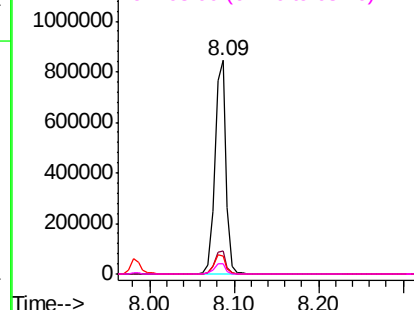
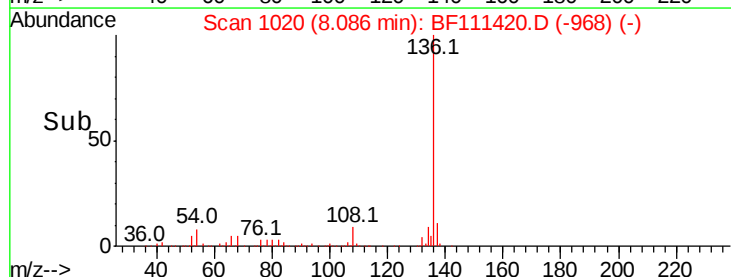


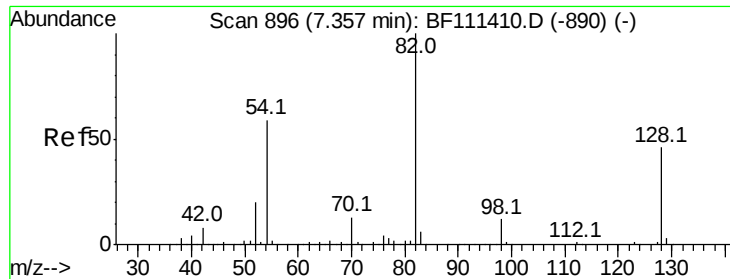
Abundance Ion 136.00 (135.70 to 136.70): E

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

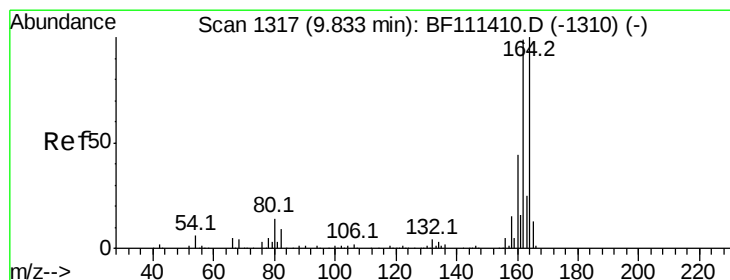
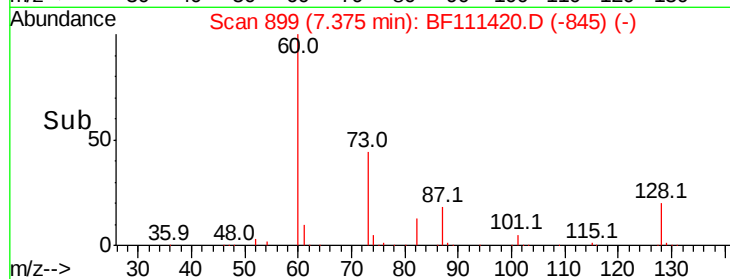
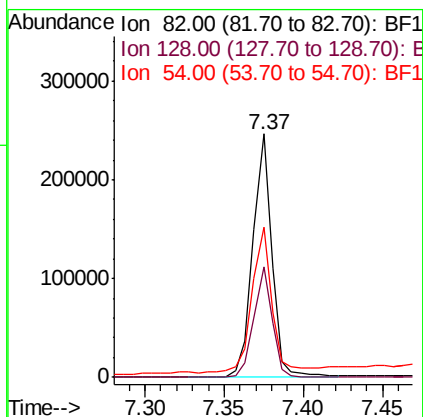
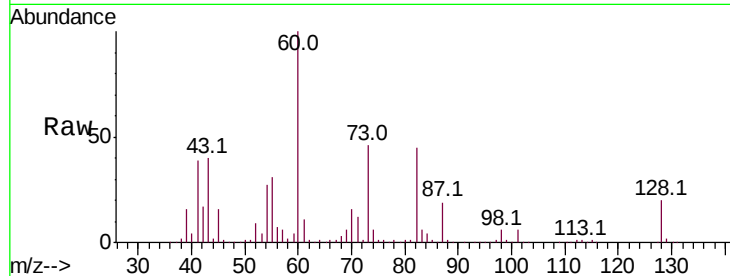




#23
 Nitrobenzene-d5
 Concen: 15.610 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.02 min
 Lab File: BF111420.D
 Acq: 14 Dec 2018 15:55

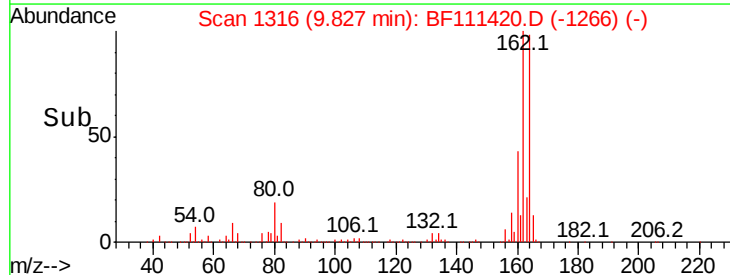
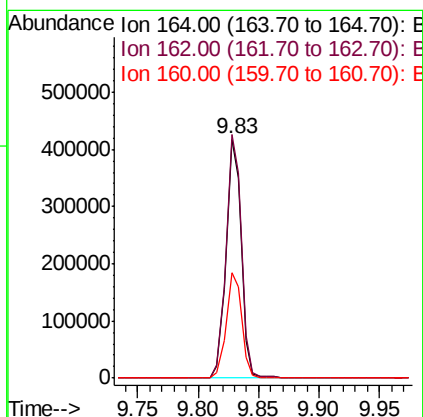
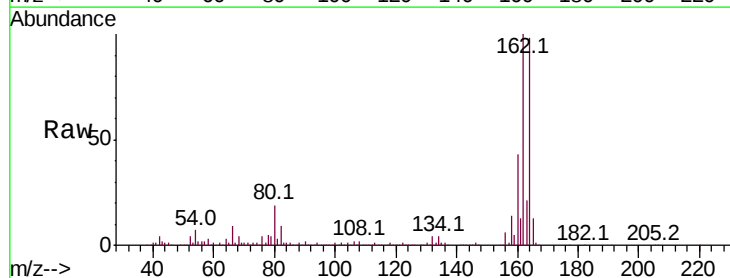
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

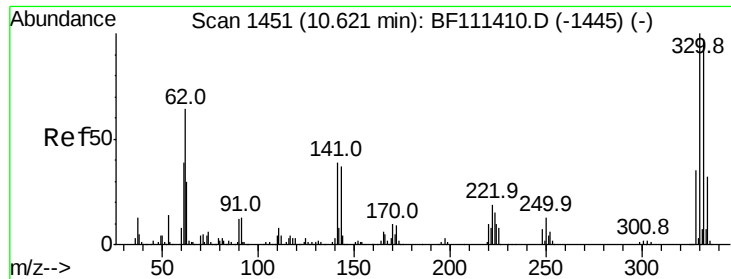
Tot Ion: 82 Resp: 204746
 Ion Ratio Lower Upper
 82 100
 128 45.5 37.4 56.2
 54 61.7 47.6 71.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111420.D
 Acq: 14 Dec 2018 15:55

Tgt Ion:164 Resp: 364451
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.4 122.0
 160 44.1 35.7 53.5

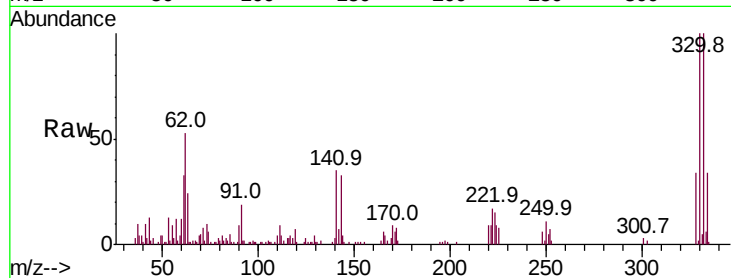




#42
 2,4,6-Tribromophenol
 Concen: 15.759 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111420.D
 Acq: 14 Dec 2018 15:55

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.0	114.0
141	43.2	31.0	46.6

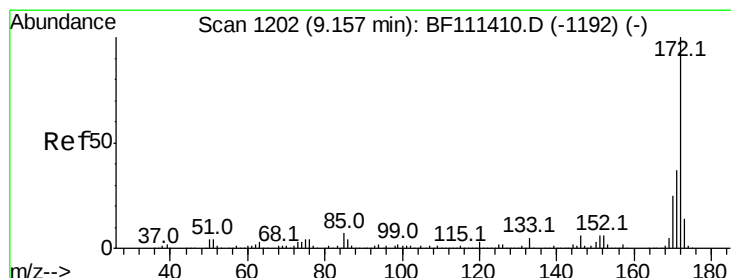
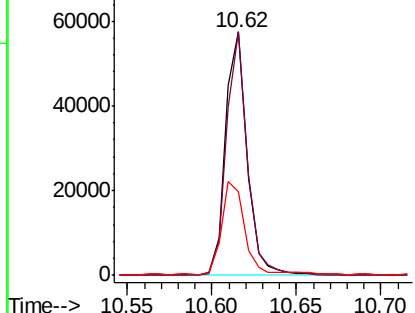
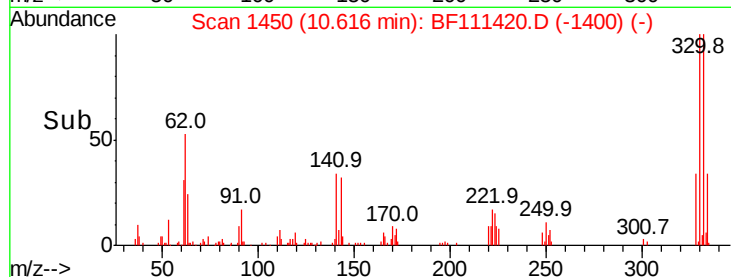


Abundance

Ion 329.80 (329.50 to 330.50): E

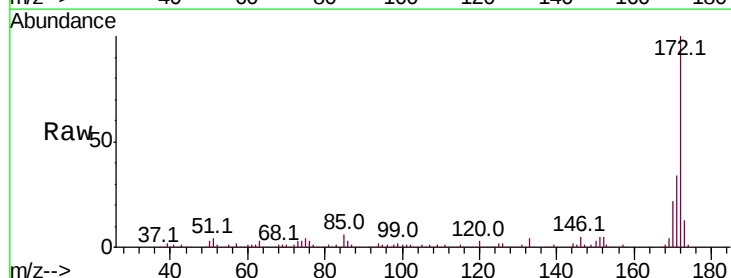
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 18.235 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111420.D
 Acq: 14 Dec 2018 15:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	33.0	49.4
170	22.2	22.3	33.5#

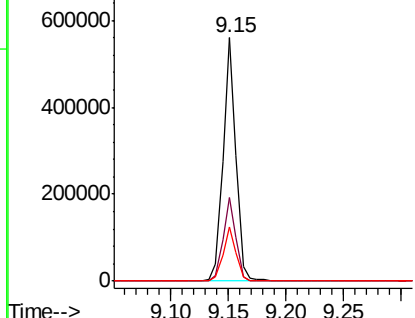
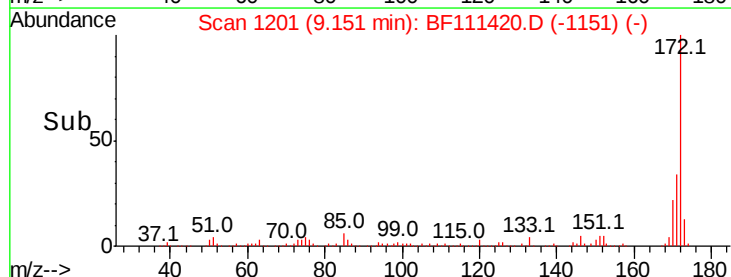


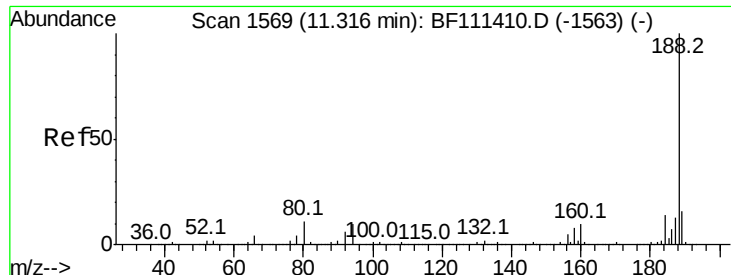
Abundance

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

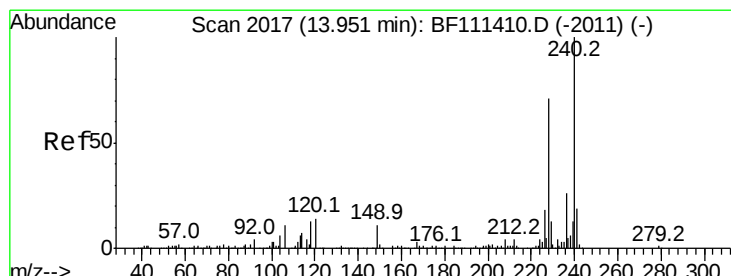
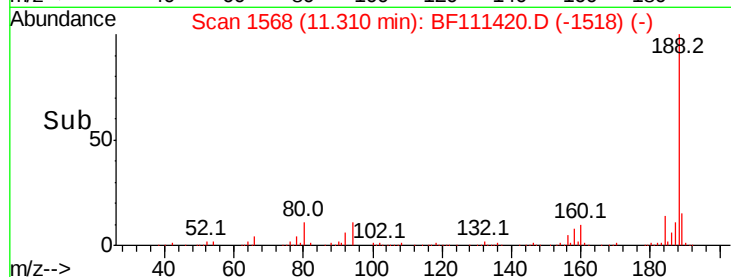
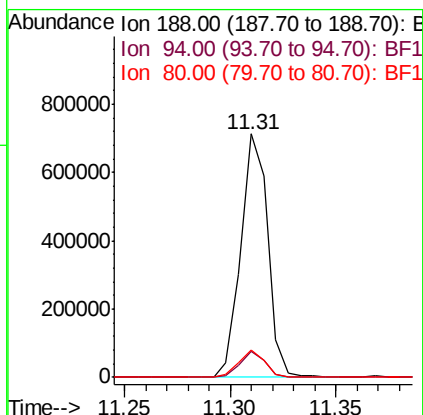
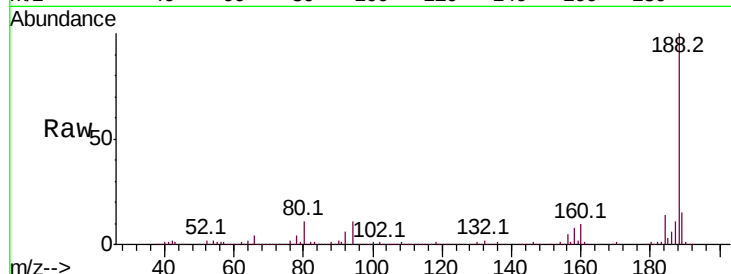




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111420.D
Acq: 14 Dec 2018 15:55

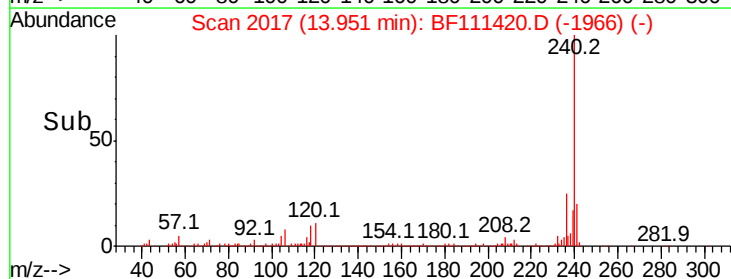
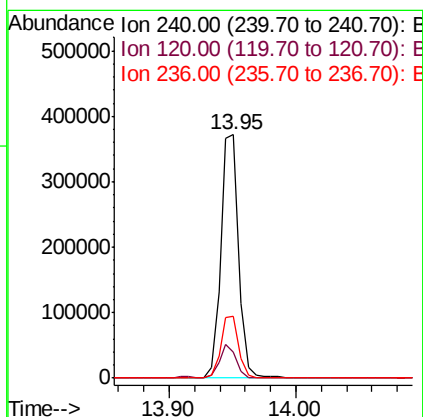
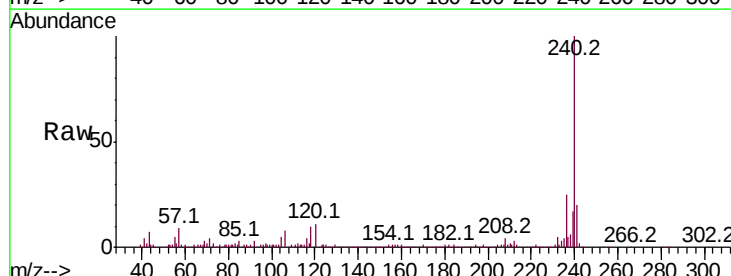
Instrument :
BNA_F
ClientSampleId :
EFF-WW

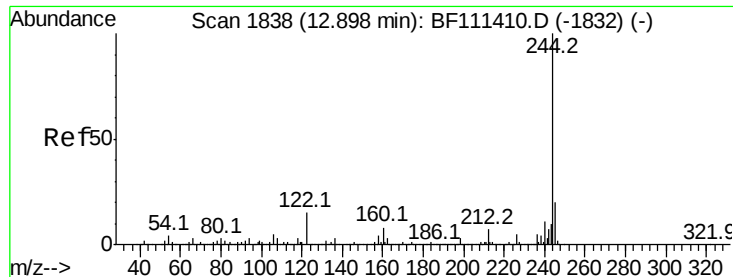
Tot Ion:188 Resp: 630034
Ion Ratio Lower Upper
188 100
94 10.5 9.6 14.4
80 11.2 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111420.D
Acq: 14 Dec 2018 15:55

Tgt Ion:240 Resp: 366996
Ion Ratio Lower Upper
240 100
120 10.8 12.2 18.2#
236 25.3 20.2 30.2





#79

Terphenyl-d14

Concen: 17.927 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111420.D

Acq: 14 Dec 2018 15:55

Instrument :

BNA_F

ClientSampleId :

EFF-WW

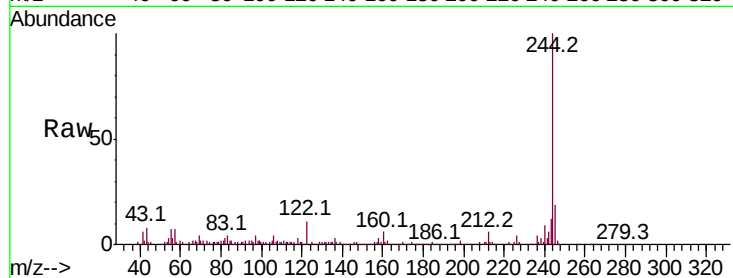
Tot Ion:244 Resp: 280173

Ion Ratio Lower Upper

244 100

212 5.7 5.7 8.5

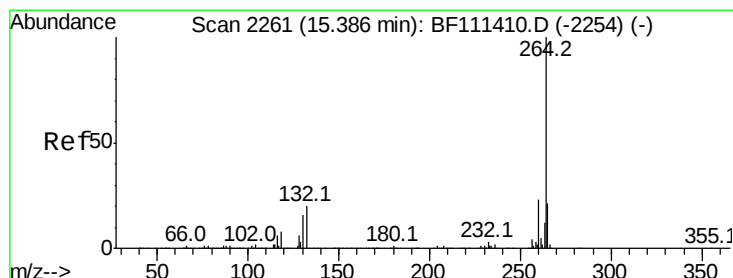
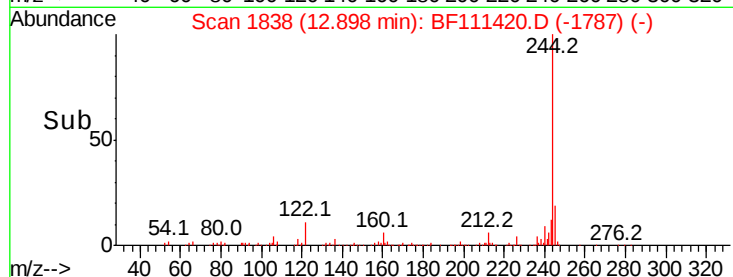
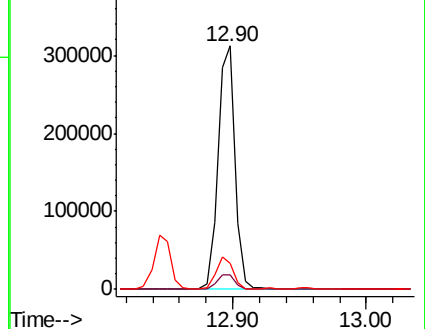
122 10.9 13.1 19.7#



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: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111420.D

Acq: 14 Dec 2018 15:55

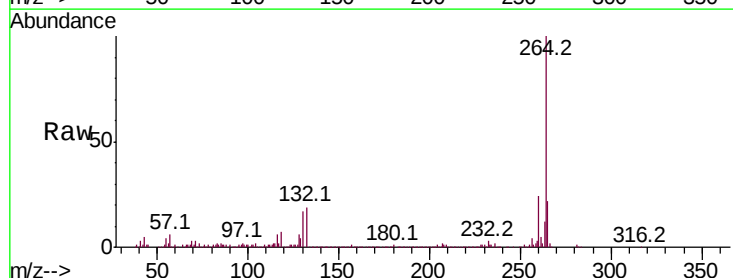
Tgt Ion:264 Resp: 386667

Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 21.6 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

