

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111490.D
 Acq On : 16 Dec 2018 2:40
 Operator : JU/SJ
 Sample : J6373-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-T1

Quant Time: Dec 17 01:05:34 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	154661	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	498519	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	196122	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	291377	20.00	ng	0.00
76) Chrysene-d12	13.95	240	264553	20.00	ng	0.00
87) Perylene-d12	15.39	264	177813	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1110100	119.44	ng	0.01
7) Phenol-d6	6.44	99	1238504	100.18	ng	0.00
23) Nitrobenzene-d5	7.35	82	780405	93.22	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	207578	118.15	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1339994	105.54	ng	0.00
79) Terphenyl-d14	12.90	244	1118445	99.28	ng	0.00

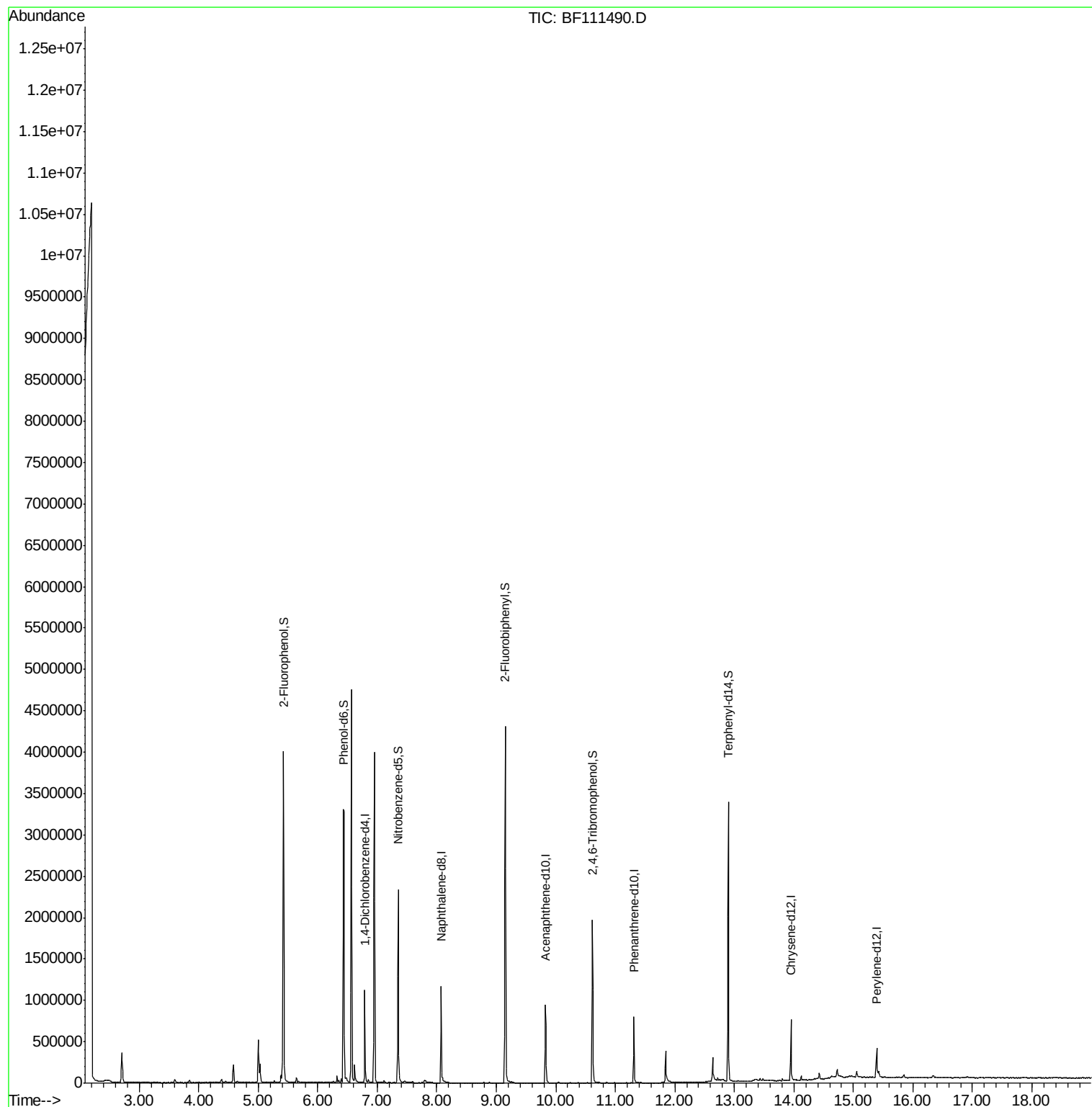
Target Compounds Qvalue

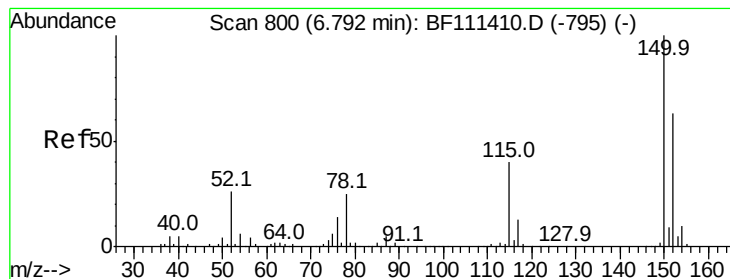
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111490.D
Acq On : 16 Dec 2018 2:40
Operator : JU/SJ
Sample : J6373-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-T1

Quant Time: Dec 17 01:05:34 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF111490.D

Acq: 16 Dec 2018 2:40

Instrument :

BNA_F

ClientSampleId :

TP-T1

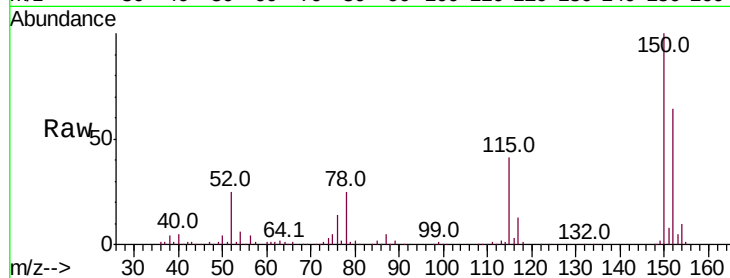
Tot Ion:152 Resp: 154661

Ion Ratio Lower Upper

152 100

150 155.3 126.6 189.8

115 64.1 50.7 76.1

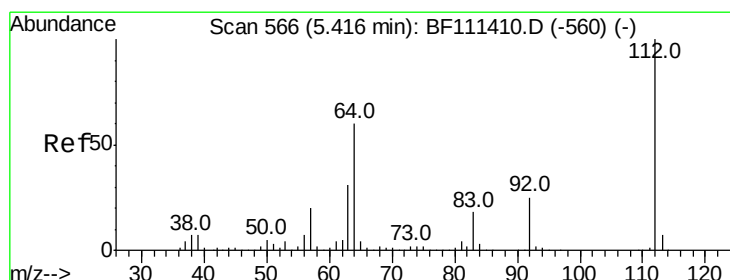
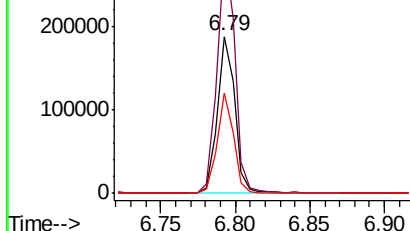
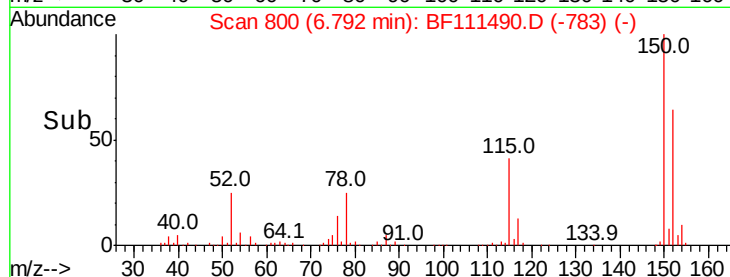


Abundance

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: 119.440 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111490.D

Acq: 16 Dec 2018 2:40

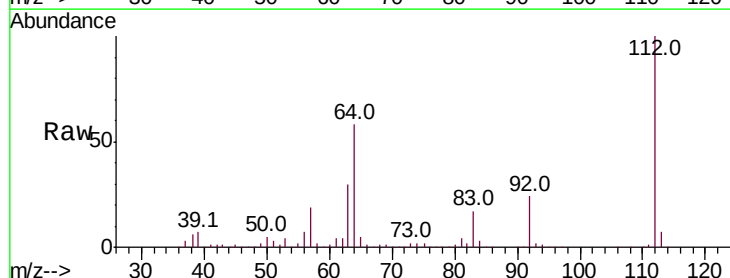
Tgt Ion:112 Resp: 1110100

Ion Ratio Lower Upper

112 100

64 58.3 51.8 77.6

63 30.2 26.8 40.2

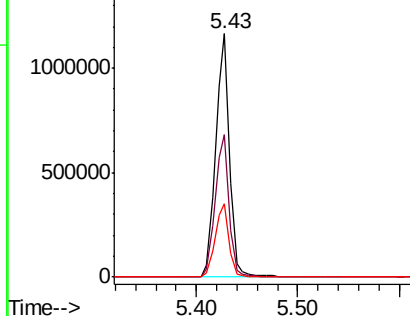
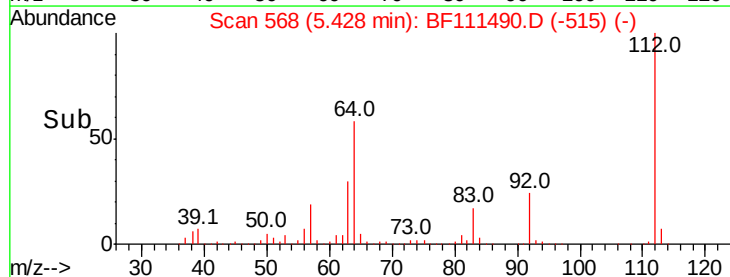


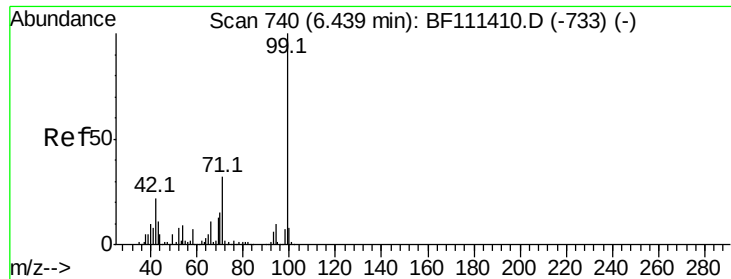
Abundance

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: 100.179 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111490.D

Acq: 16 Dec 2018 2:40

Instrument :

BNA_F

ClientSampleId :

TP-T1

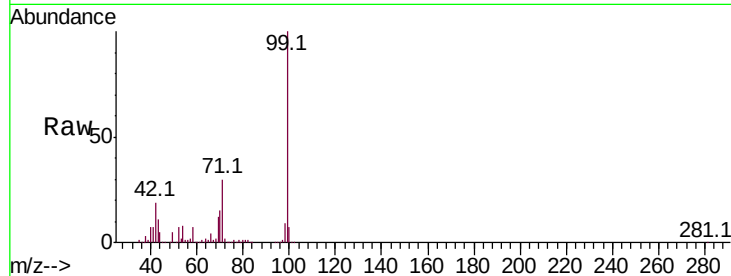
Tot Ion: 99 Resp: 1238504

Ion Ratio Lower Upper

99 100

42 19.4 17.4 26.0

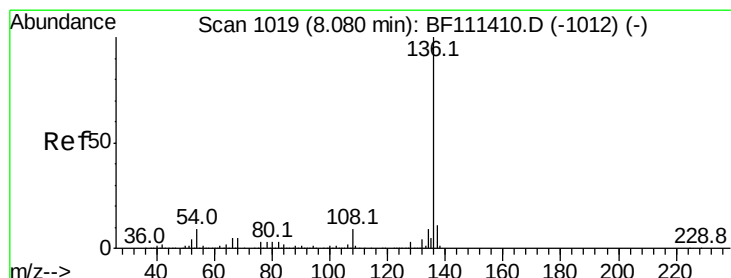
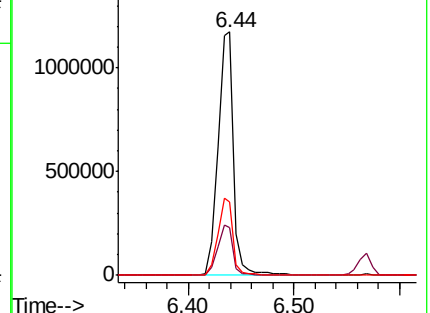
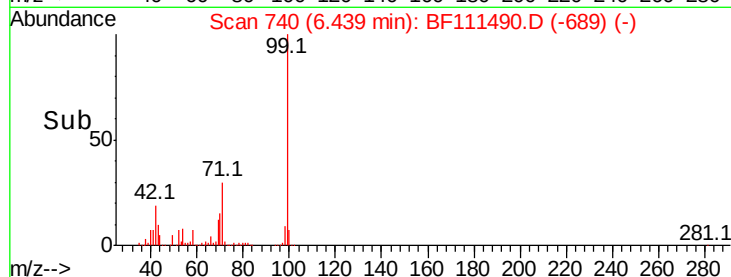
71 30.3 26.1 39.1



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# 1018

Delta R.T. -0.01 min

Lab File: BF111490.D

Acq: 16 Dec 2018 2:40

Tgt Ion: 136 Resp: 498519

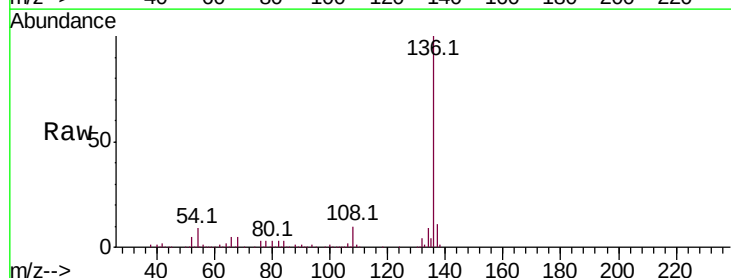
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.2 7.7 11.5

68 4.7 4.9 7.3#

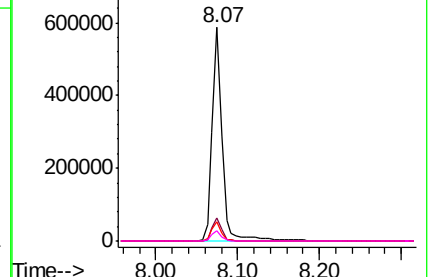
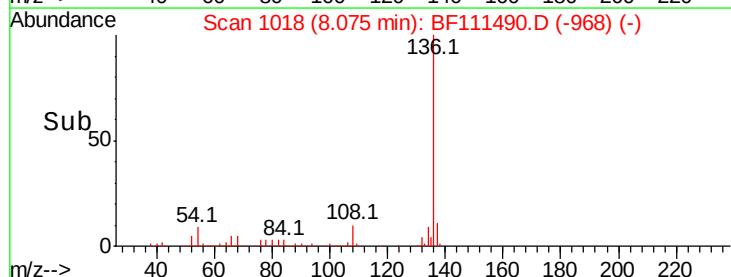


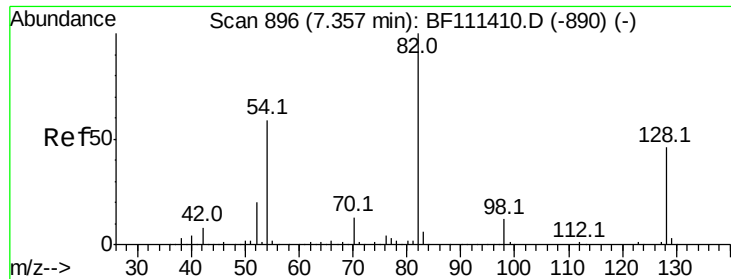
Abundance Ion 136.00 (135.70 to 136.70): E

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

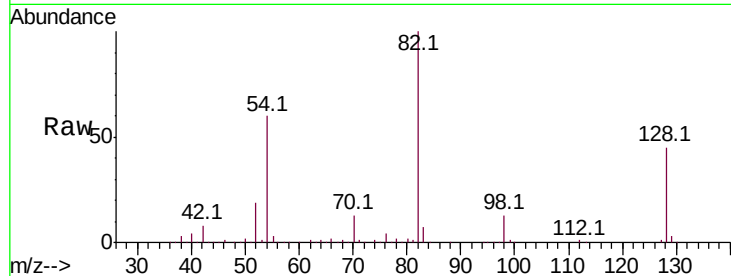




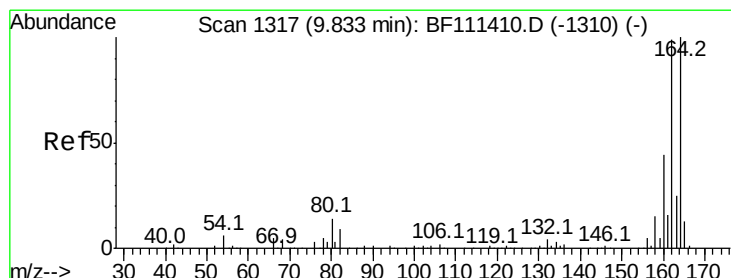
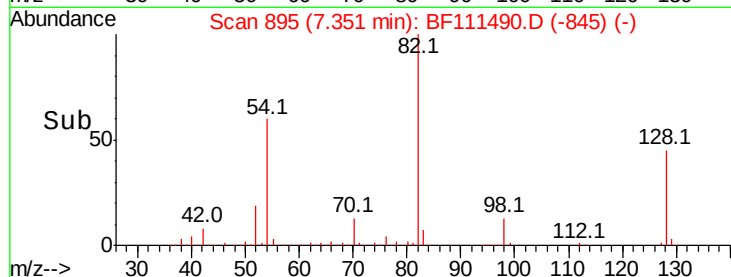
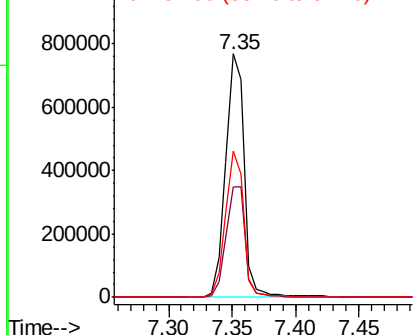
#23
 Nitrobenzene-d5
 Concen: 93.220 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111490.D
 Acq: 16 Dec 2018 2:40

Instrument :
 BNA_F
 ClientSampleId :
 TP-T1

Tot Ion	82	Resp	780405
Ion Ratio	100	Lower	Upper
128	45.4	37.4	56.2
54	60.0	47.6	71.4

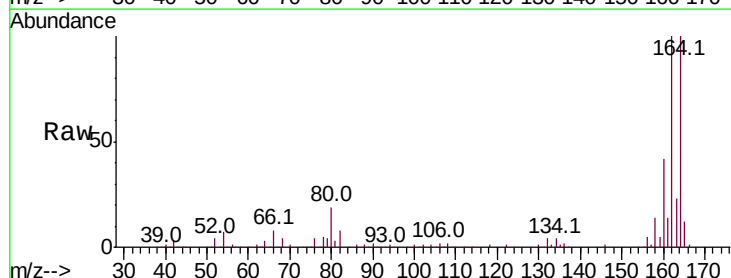


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

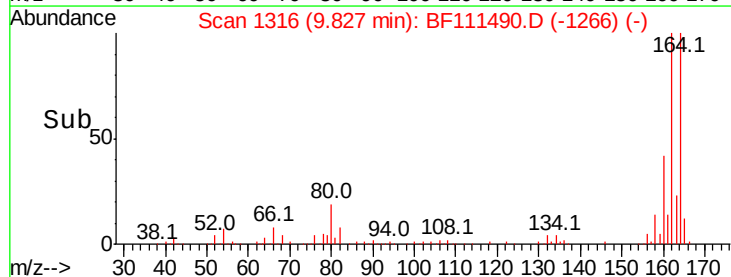
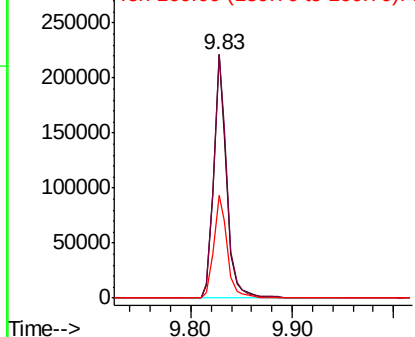


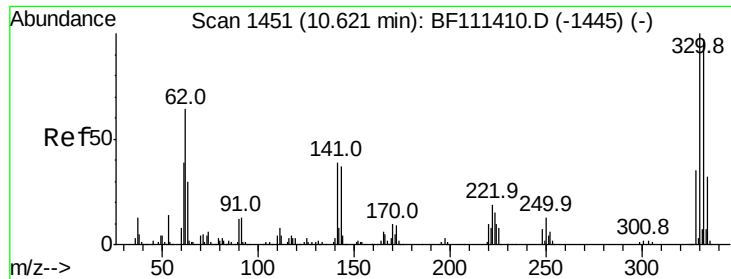
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111490.D
 Acq: 16 Dec 2018 2:40

Tgt Ion	164	Resp	196122
Ion Ratio	100	Lower	Upper
162	99.9	81.4	122.0
160	42.4	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: 118.154 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111490.D

Acq: 16 Dec 2018 2:40

Instrument :

BNA_F

ClientSampled :

TP-T1

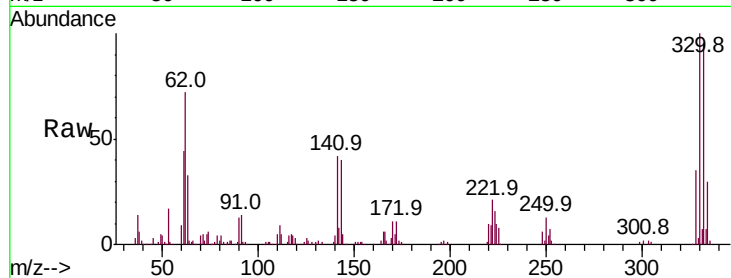
Tot Ion:330 Resp: 207578

Ion Ratio Lower Upper

330 100

332 96.0 76.0 114.0

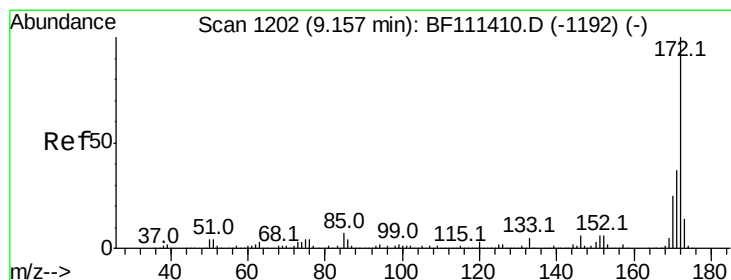
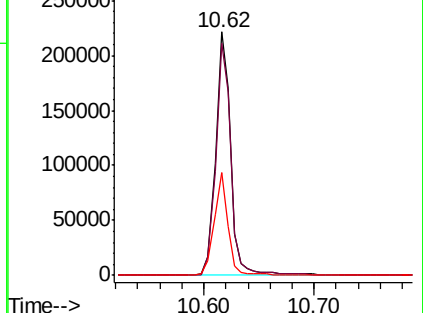
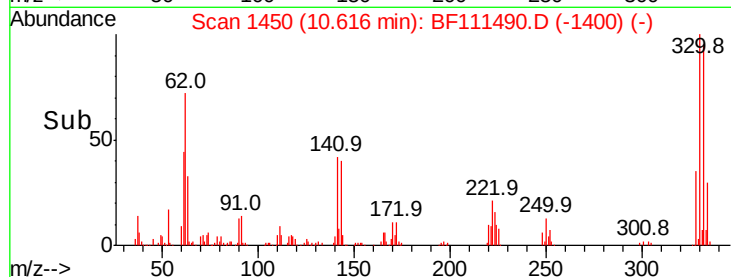
141 38.6 31.0 46.6



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: 105.537 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF111490.D

Acq: 16 Dec 2018 2:40

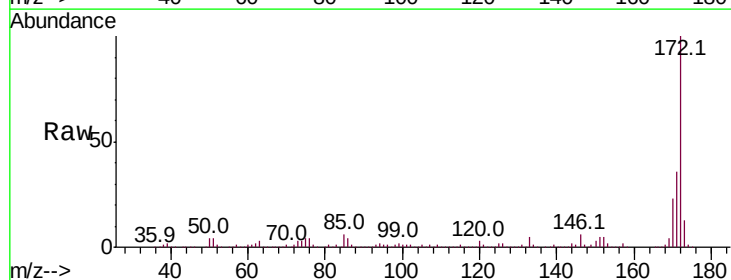
Tgt Ion:172 Resp: 1339994

Ion Ratio Lower Upper

172 100

171 35.6 33.0 49.4

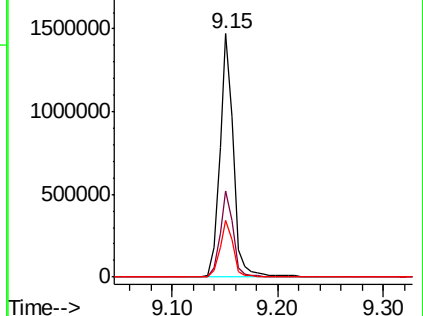
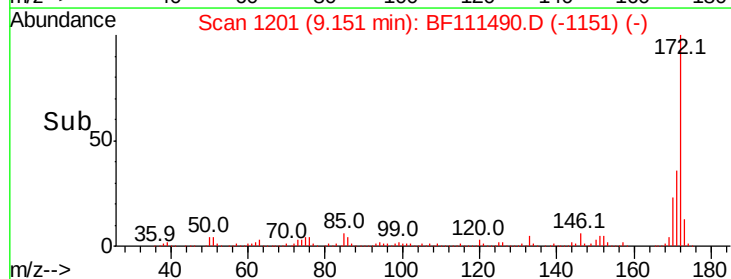
170 23.3 22.3 33.5

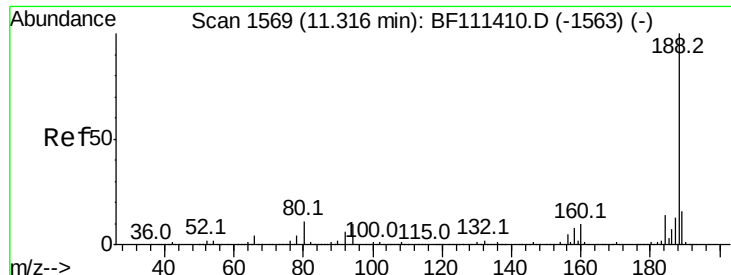


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

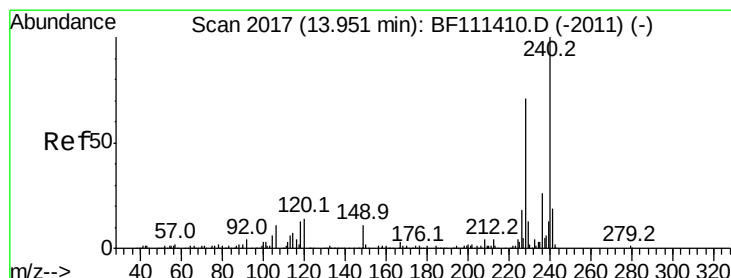
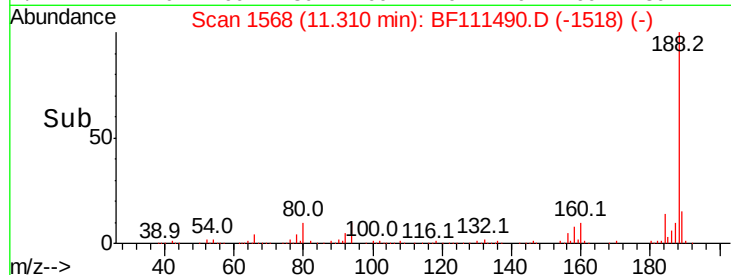
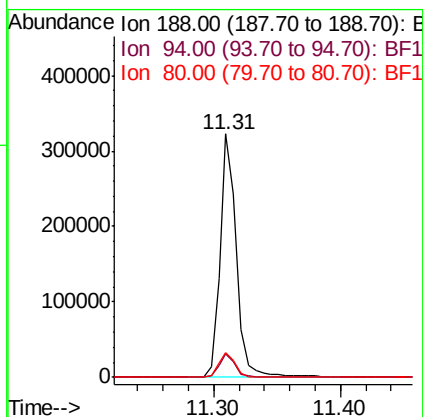
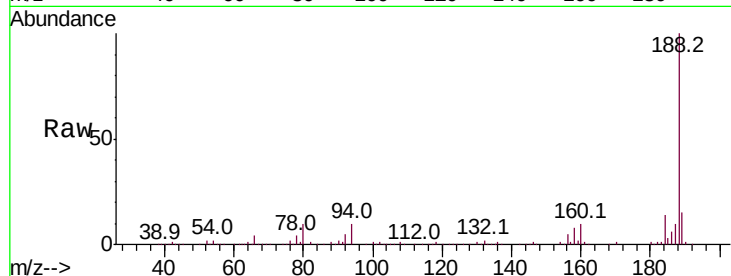




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111490.D
Acq: 16 Dec 2018 2:40

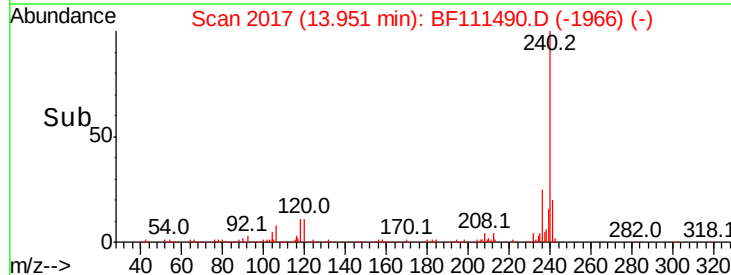
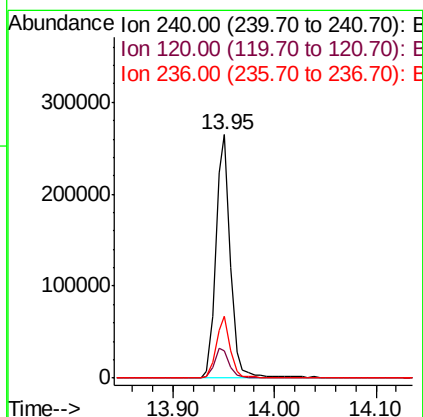
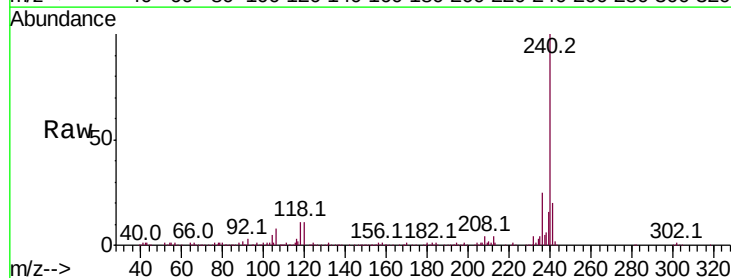
Instrument :
BNA_F
ClientSampleId :
TP-T1

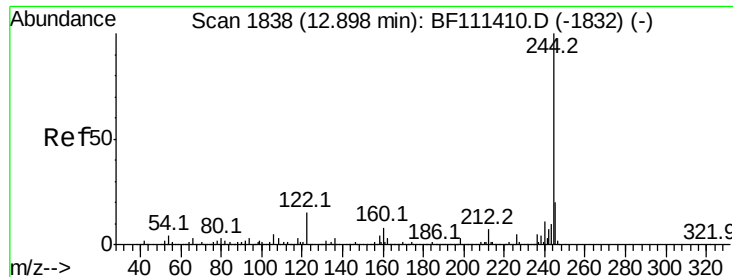
Tot Ion:188 Resp: 291377
Ion Ratio Lower Upper
188 100
94 9.7 9.6 14.4
80 10.3 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111490.D
Acq: 16 Dec 2018 2:40

Tgt Ion:240 Resp: 264553
Ion Ratio Lower Upper
240 100
120 11.3 12.2 18.2#
236 25.2 20.2 30.2





#79

Terphenyl-d14

Concen: 99.276 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111490.D

Acq: 16 Dec 2018 2:40

Instrument :

BNA_F

ClientSampleId :

TP-T1

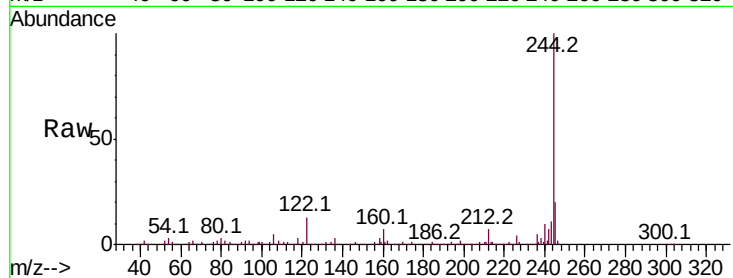
Tot Ion:244 Resp: 1118445

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

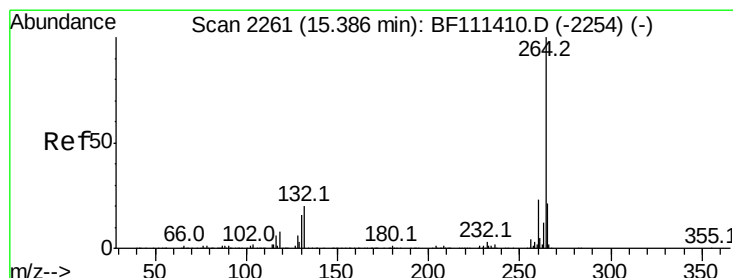
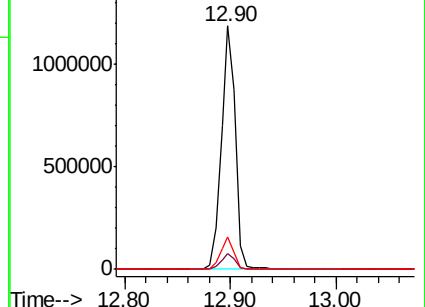
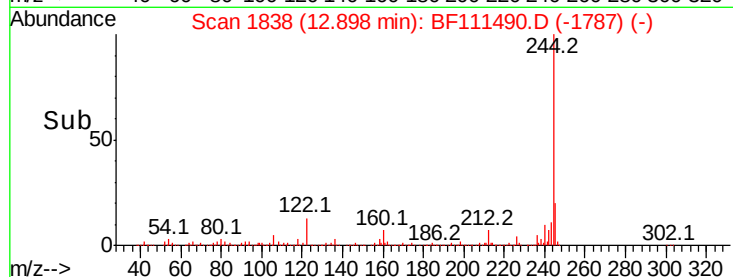
122 13.1 13.1 19.7



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: BF111490.D

Acq: 16 Dec 2018 2:40

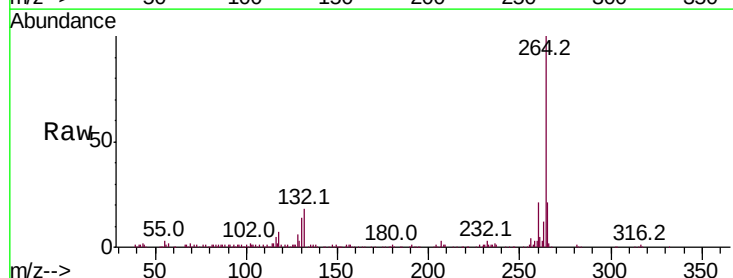
Tgt Ion:264 Resp: 177813

Ion Ratio Lower Upper

264 100

260 21.4 18.3 27.5

265 20.7 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

