

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111492.D
 Acq On : 16 Dec 2018 3:39
 Operator : JU/SJ
 Sample : J6376-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-2

Quant Time: Dec 17 01:10:26 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	119594	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	428547	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	159672	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	270918	20.00	ng	0.00
76) Chrysene-d12	13.95	240	264118	20.00	ng	0.00
87) Perylene-d12	15.39	264	174853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	867376	120.69	ng	0.01
7) Phenol-d6	6.43	99	924201	96.68	ng	0.00
23) Nitrobenzene-d5	7.35	82	677434	94.13	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	191128	133.63	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1182858	114.43	ng	0.00
79) Terphenyl-d14	12.90	244	1138014	101.18	ng	0.00

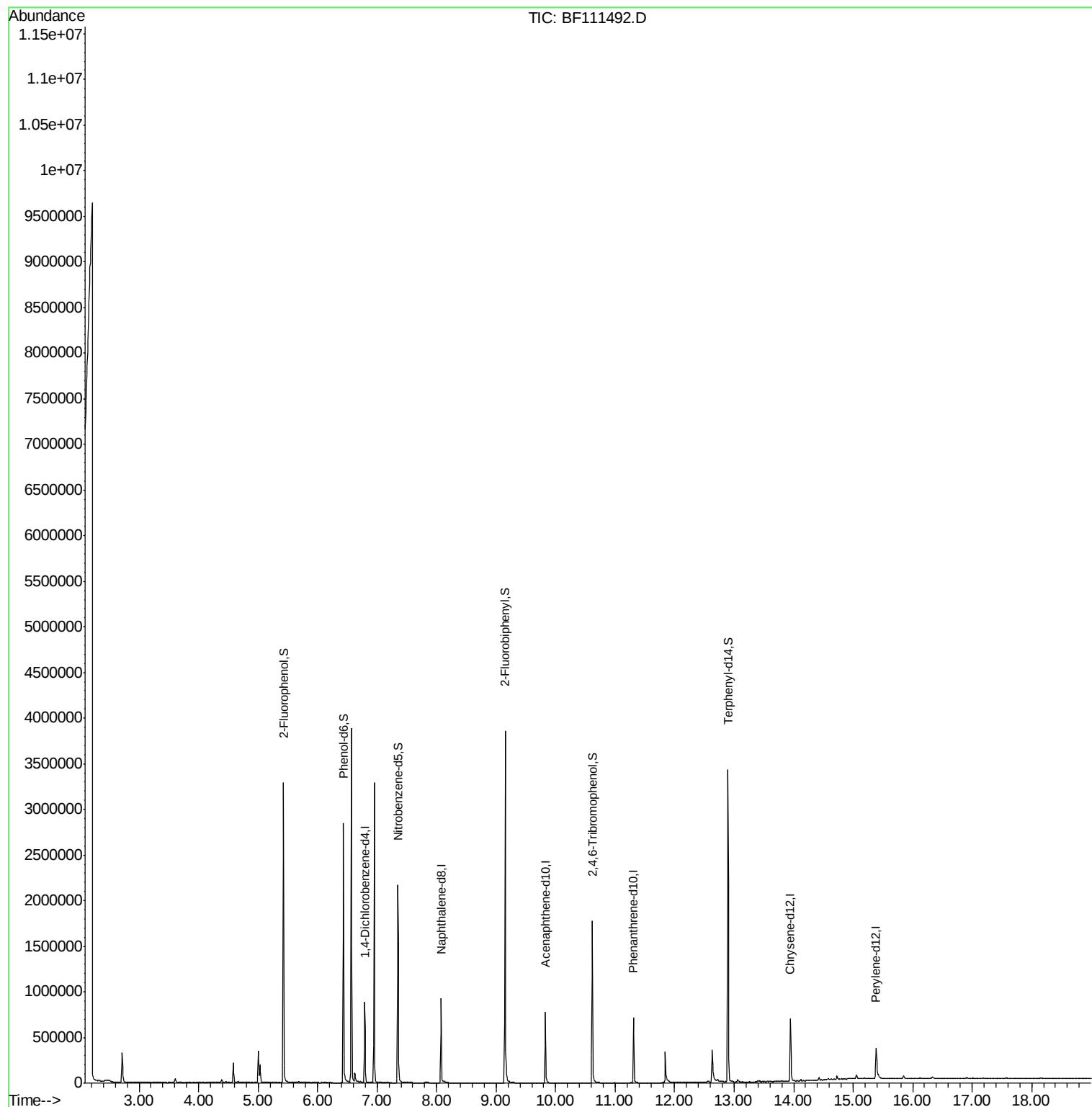
Target Compounds Qvalue

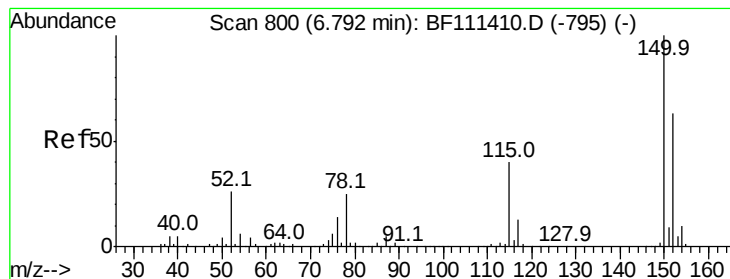
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF111492.D

Acq: 16 Dec 2018 3:39

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-2

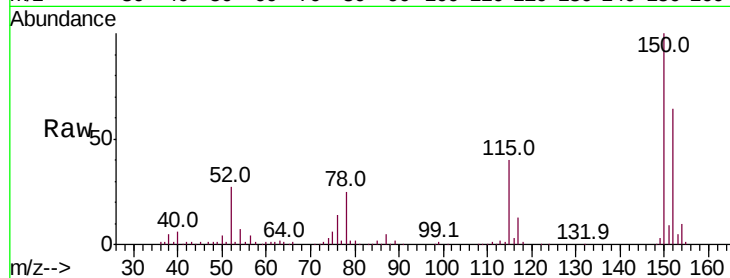
Tot Ion:152 Resp: 119594

Ion Ratio Lower Upper

152 100

150 157.2 126.6 189.8

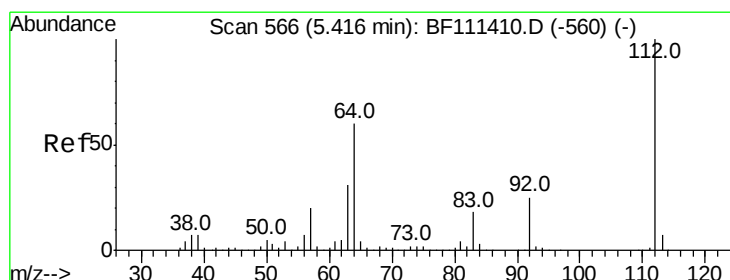
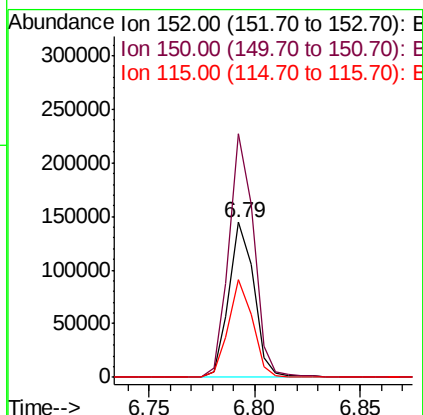
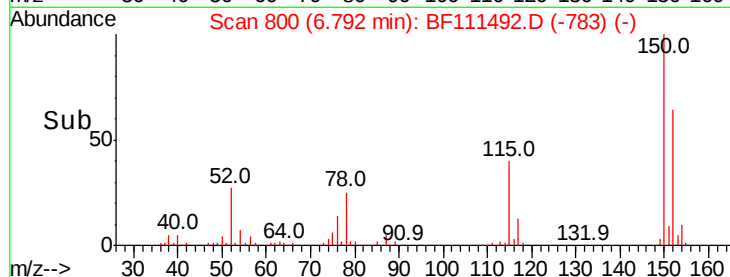
115 62.7 50.7 76.1



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: 120.689 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111492.D

Acq: 16 Dec 2018 3:39

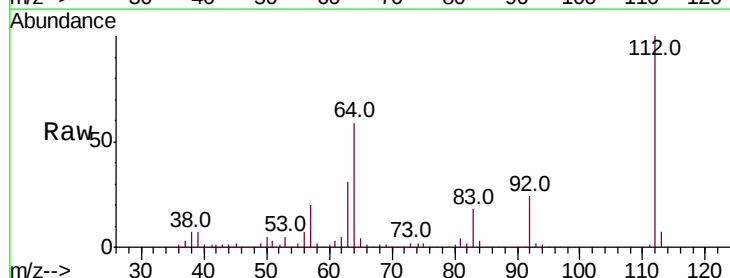
Tgt Ion:112 Resp: 867376

Ion Ratio Lower Upper

112 100

64 58.7 51.8 77.6

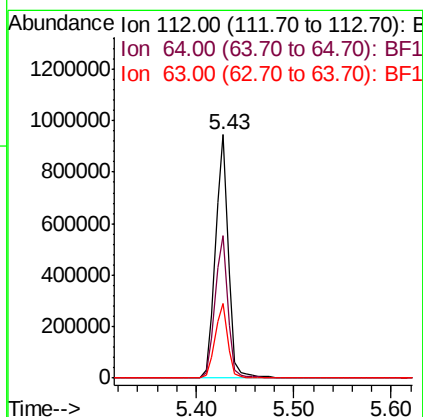
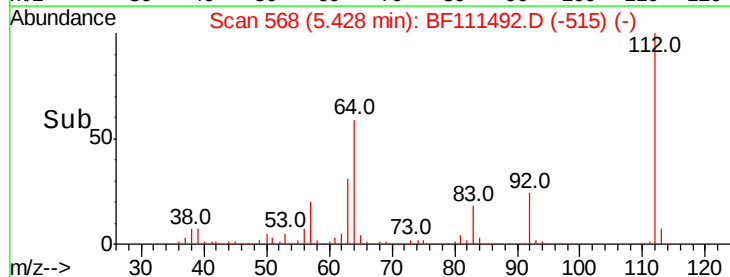
63 30.7 26.8 40.2

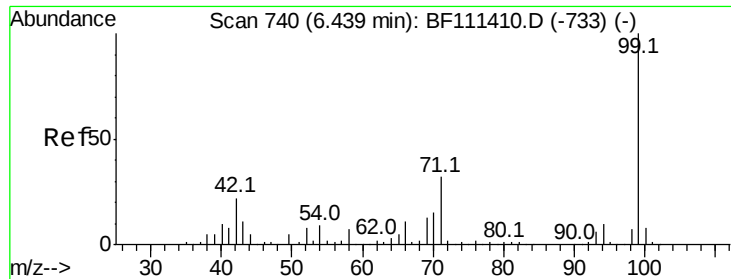


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 96.676 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111492.D

Acq: 16 Dec 2018 3:39

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-2

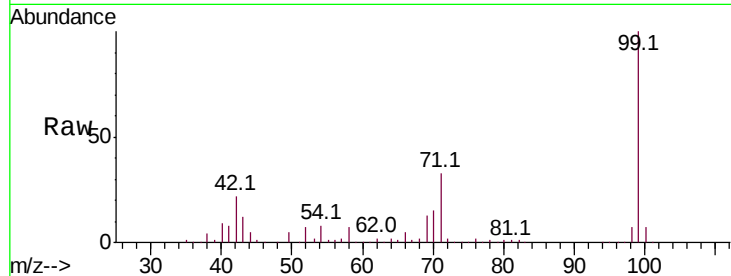
Tot Ion: 99 Resp: 924201

Ion Ratio Lower Upper

99 100

42 22.4 17.4 26.0

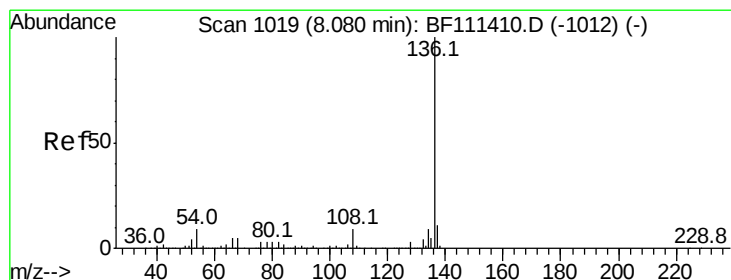
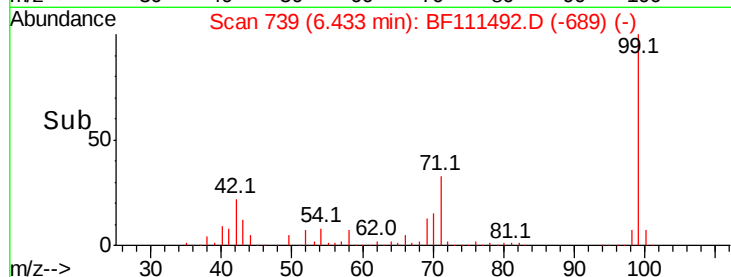
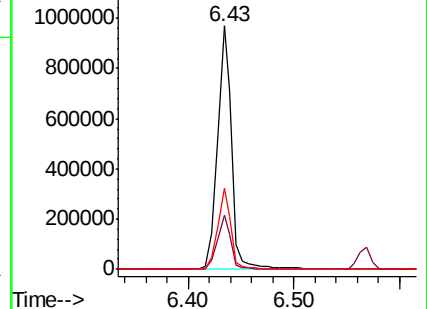
71 33.5 26.1 39.1



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: BF111492.D

Acq: 16 Dec 2018 3:39

Tgt Ion: 136 Resp: 428547

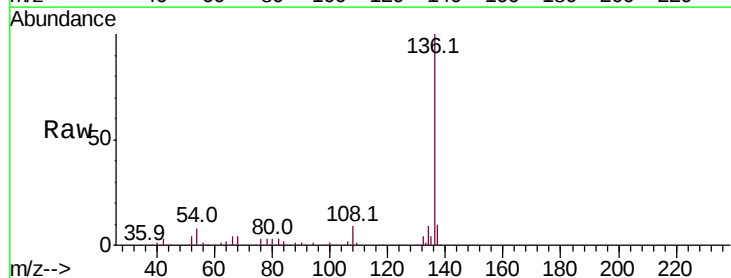
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 8.3 7.7 11.5

68 4.4 4.9 7.3#

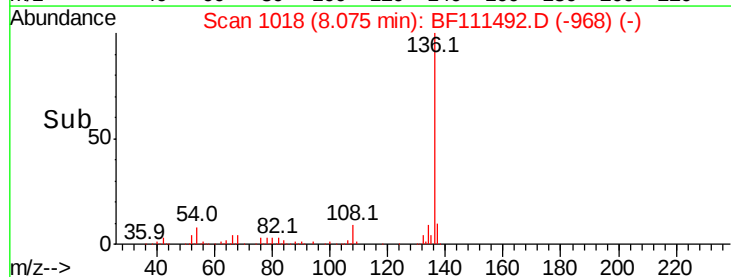
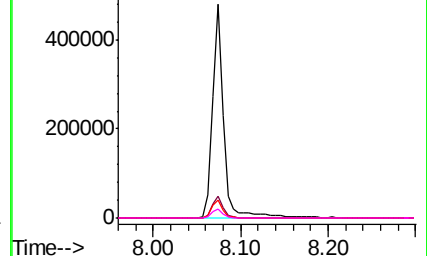


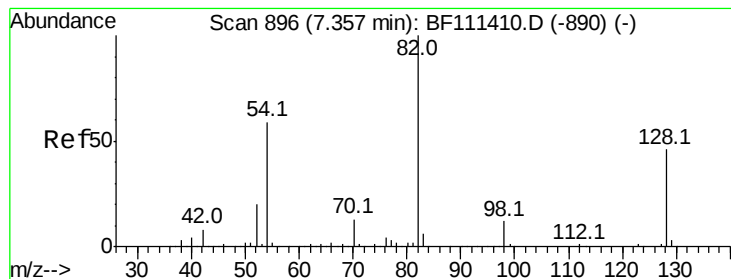
Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.133 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF111492.D

Acq: 16 Dec 2018 3:39

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-2

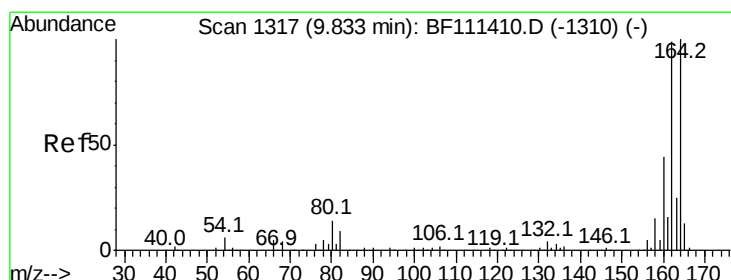
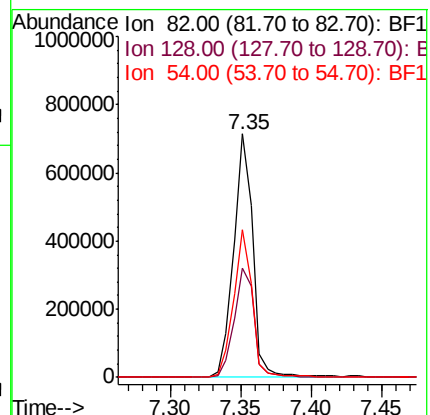
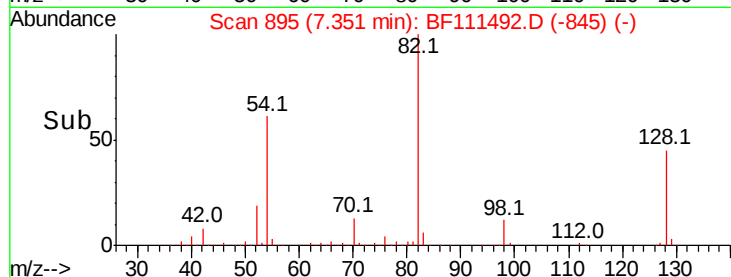
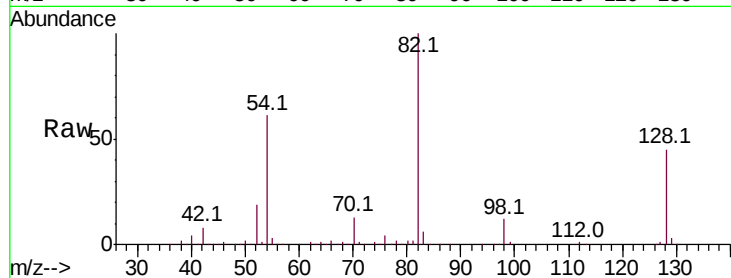
Tot Ion: 82 Resp: 677434

Ion Ratio Lower Upper

82 100

128 44.8 37.4 56.2

54 60.8 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: BF111492.D

Acq: 16 Dec 2018 3:39

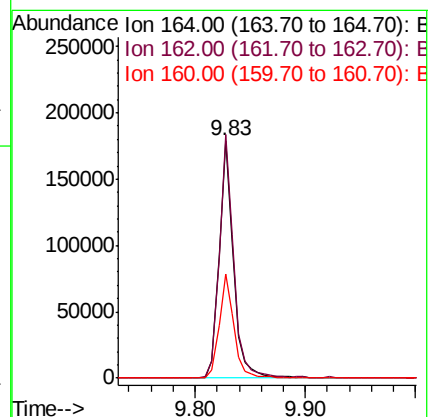
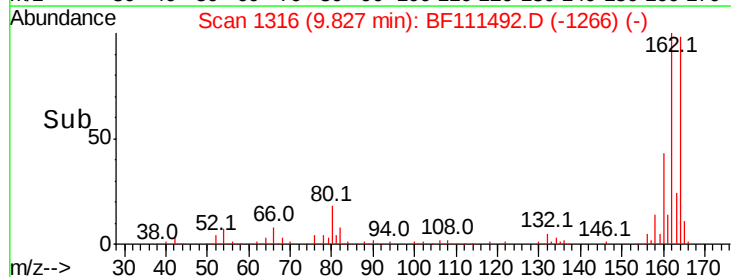
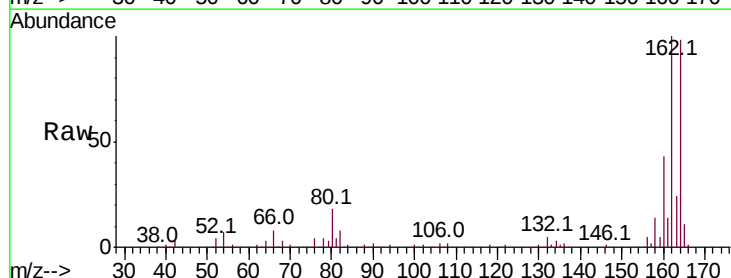
Tgt Ion:164 Resp: 159672

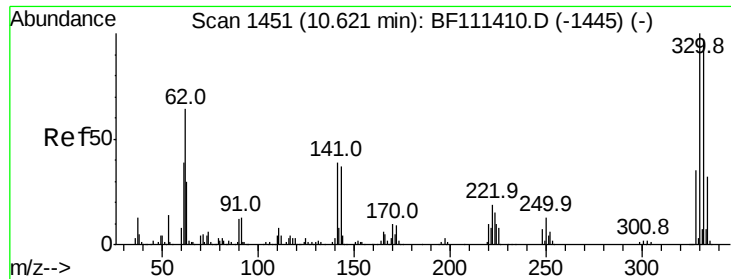
Ion Ratio Lower Upper

164 100

162 102.4 81.4 122.0

160 43.8 35.7 53.5

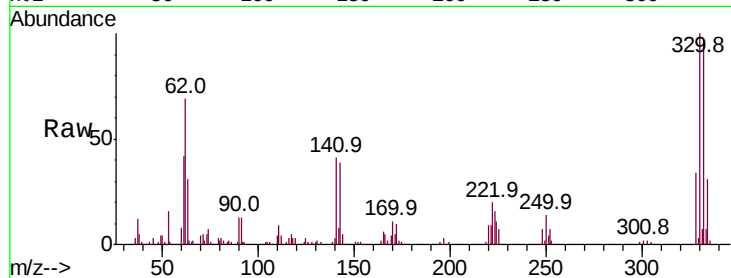




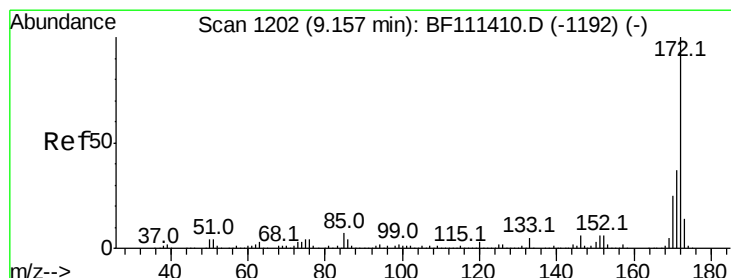
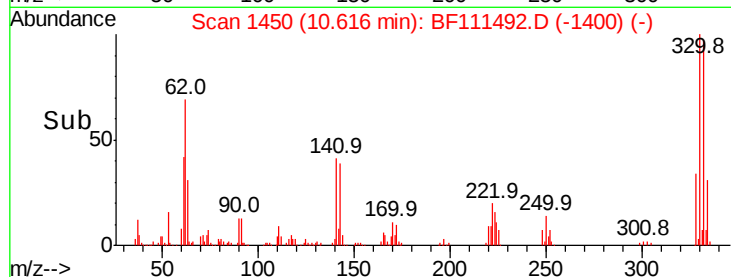
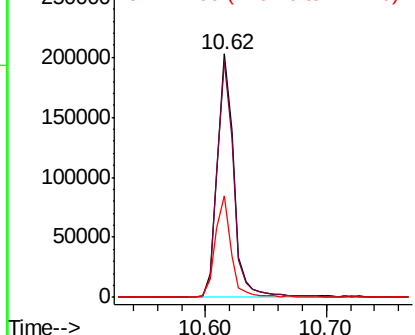
#42
 2,4,6-Tribromophenol
 Concen: 133.626 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111492.D
 Acq: 16 Dec 2018 3:39

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.0	114.0
141	39.6	31.0	46.6

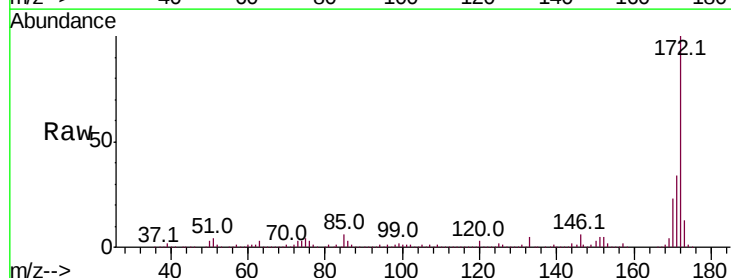


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

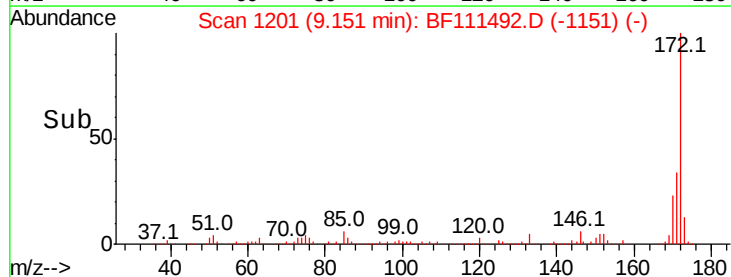
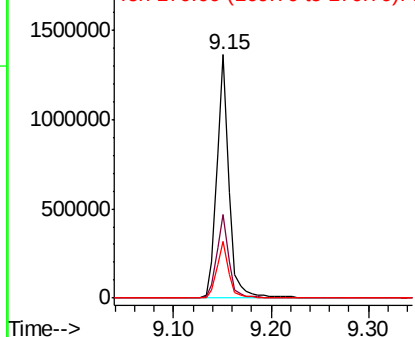


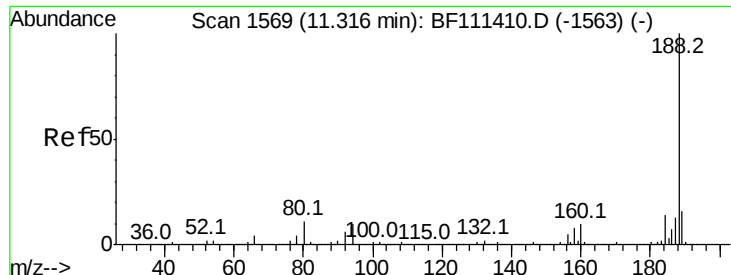
#45
 2-Fluorobiphenyl
 Concen: 114.428 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111492.D
 Acq: 16 Dec 2018 3:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	33.0	49.4
170	23.2	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

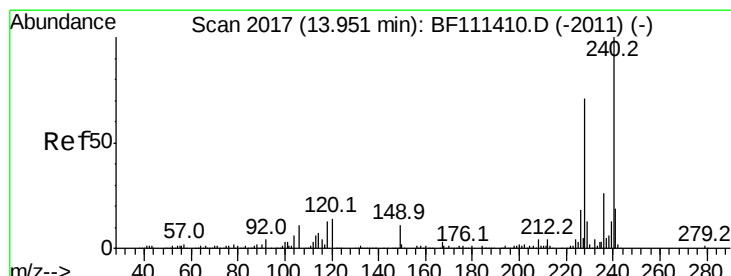
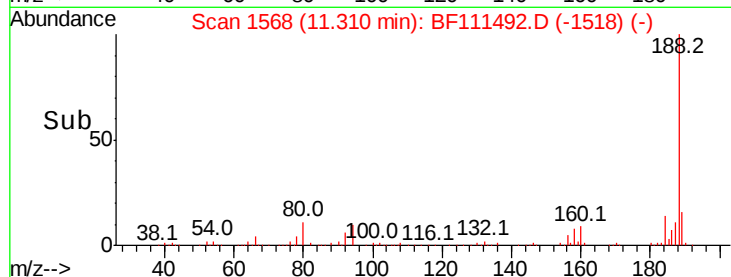
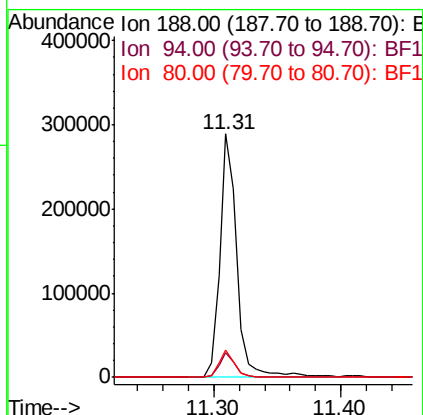
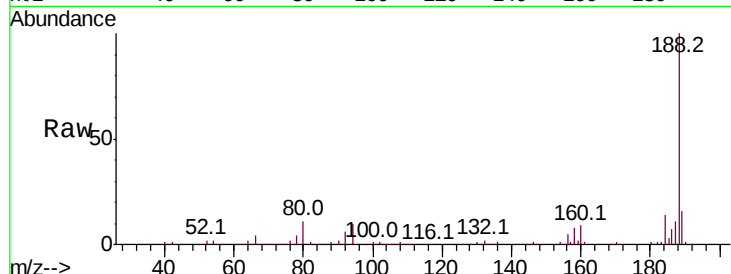




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111492.D
Acq: 16 Dec 2018 3:39

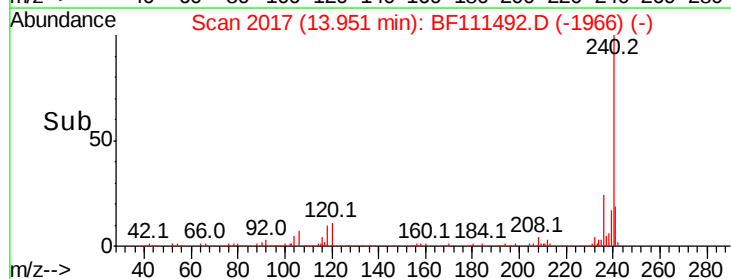
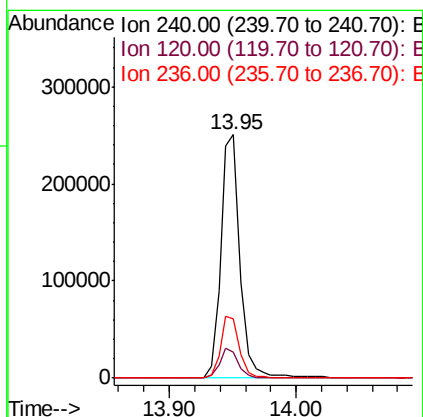
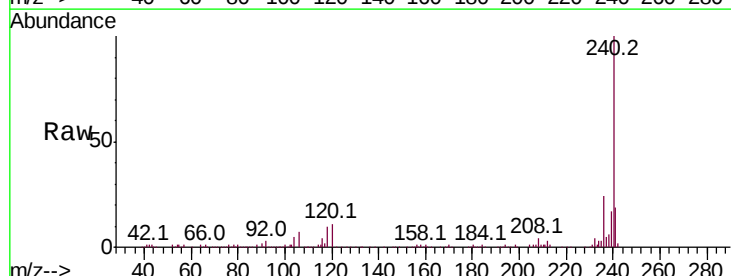
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

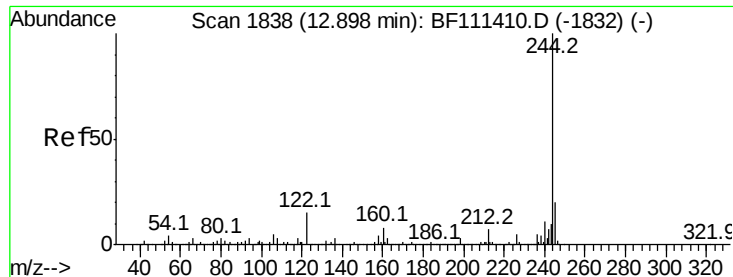
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.6	14.4
80	11.1	9.8	14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF111492.D
Acq: 16 Dec 2018 3:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	12.2	18.2#
236	24.2	20.2	30.2





#79

Terphenyl-d14

Concen: 101.179 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF111492.D

Acq: 16 Dec 2018 3:39

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-2

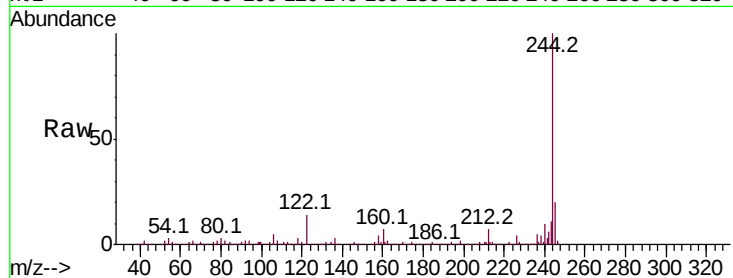
Tot Ion:244 Resp: 1138014

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

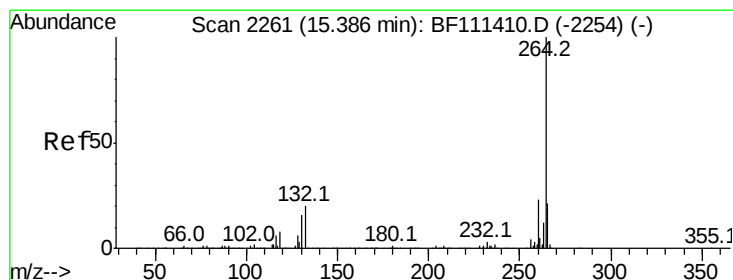
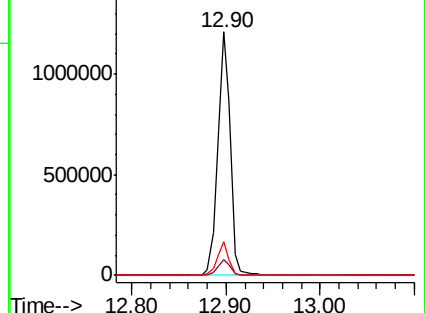
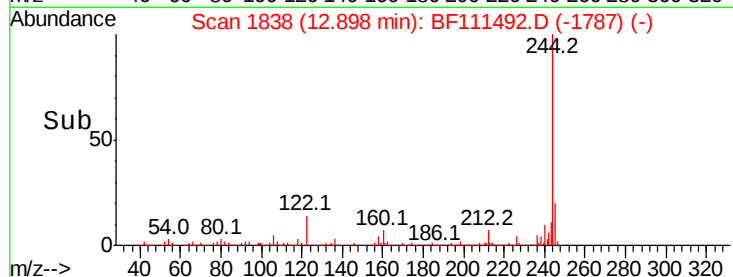
122 13.8 13.1 19.7



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# 2261

Delta R.T. -0.00 min

Lab File: BF111492.D

Acq: 16 Dec 2018 3:39

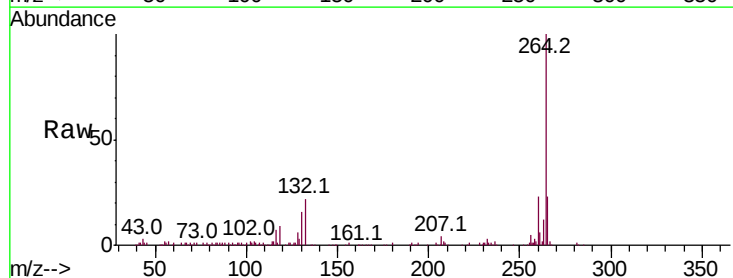
Tgt Ion:264 Resp: 174853

Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

265 23.2 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

