

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111380.D
 Acq On : 13 Dec 2018 20:03
 Operator : JU/SJ
 Sample : J6214-53
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-5

Quant Time: Dec 13 21:54:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

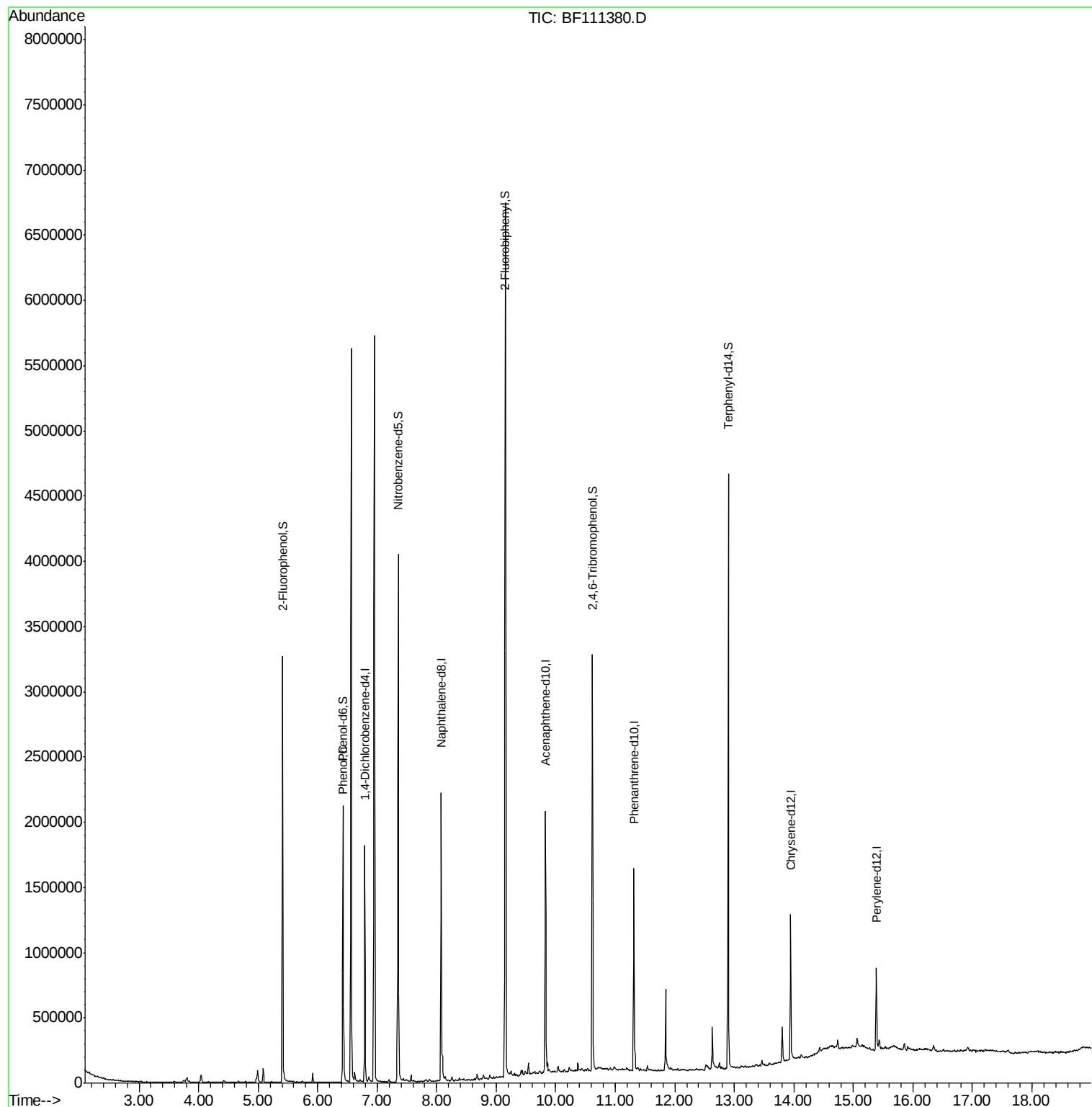
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	243703	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	925671	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	365256	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	521358	20.00	ng	0.00
76) Chrysene-d12	13.95	240	373112	20.00	ng	-0.01
87) Perylene-d12	15.39	264	286520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	877963	60.92	ng	0.00
7) Phenol-d6	6.42	99	689396	35.48	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1390825	84.69	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	337991	104.97	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2206277	96.98	ng	0.00
79) Terphenyl-d14	12.90	244	1469111	86.66	ng	0.00
Target Compounds						
10) Phenol	6.43	94	48270	2.193	ng	Qvalue 95

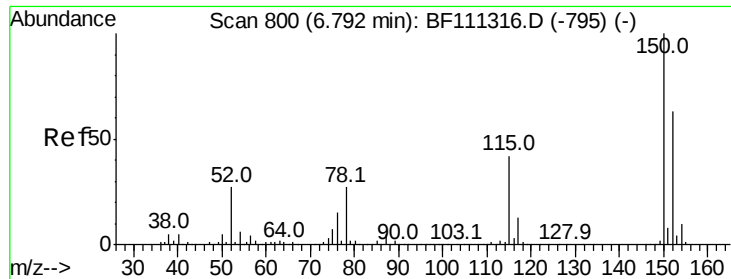
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF111380.D

Acq: 13 Dec 2018 20:03

Instrument :

BNA_F

ClientSampleId :

TW-5

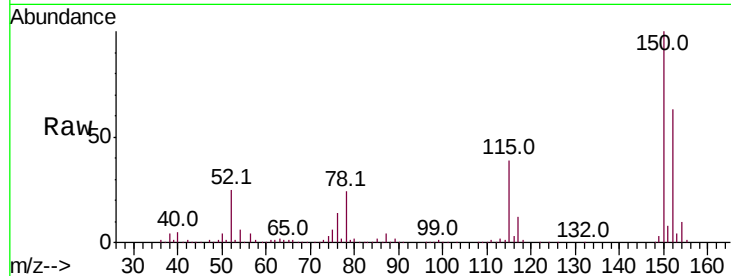
Tot Ion:152 Resp: 243703

Ion Ratio Lower Upper

152 100

150 159.2 126.6 189.8

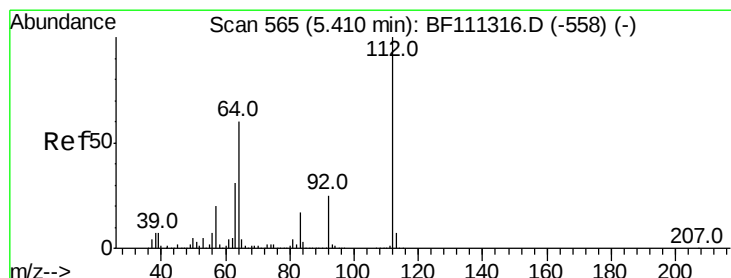
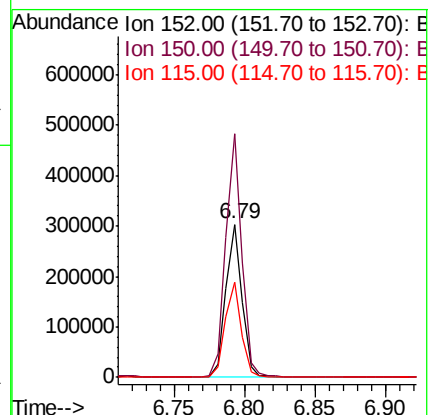
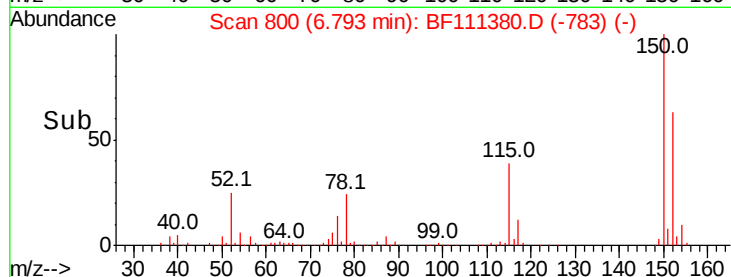
115 62.2 50.7 76.1



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: 60.921 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF111380.D

Acq: 13 Dec 2018 20:03

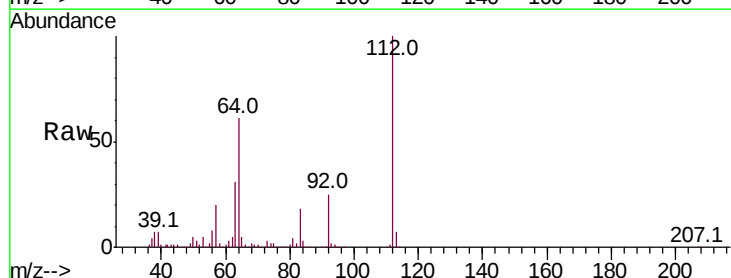
Tgt Ion:112 Resp: 877963

Ion Ratio Lower Upper

112 100

64 60.9 51.8 77.6

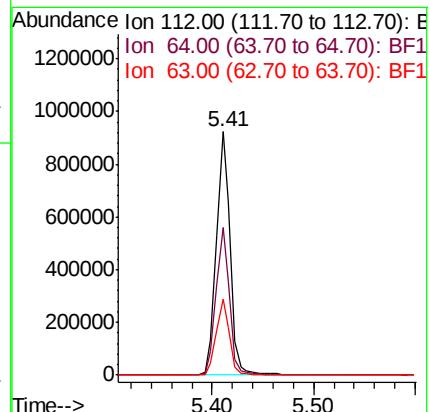
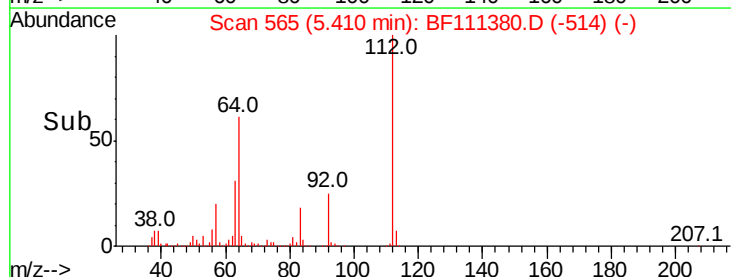
63 31.2 26.8 40.2



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: 35.480 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111380.D

Acq: 13 Dec 2018 20:03

Instrument :

BNA_F

ClientSampled :

TW-5

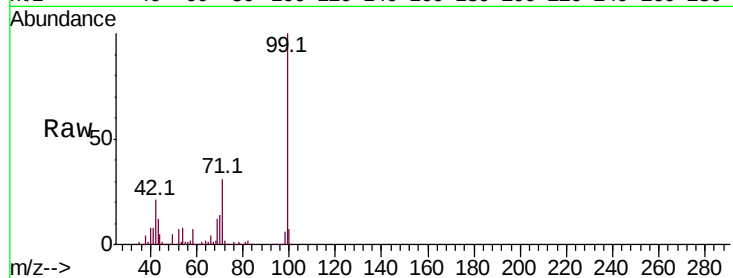
Tot Ion: 99 Resp: 689396

Ion Ratio Lower Upper

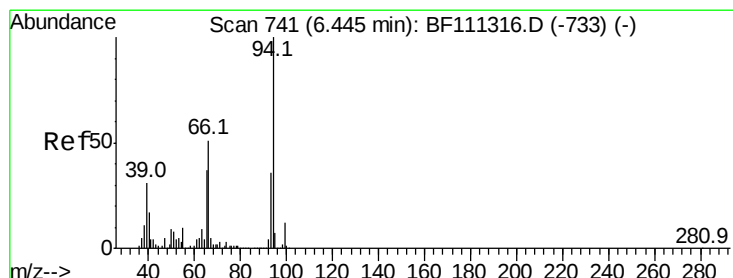
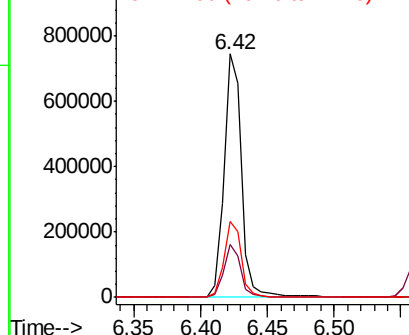
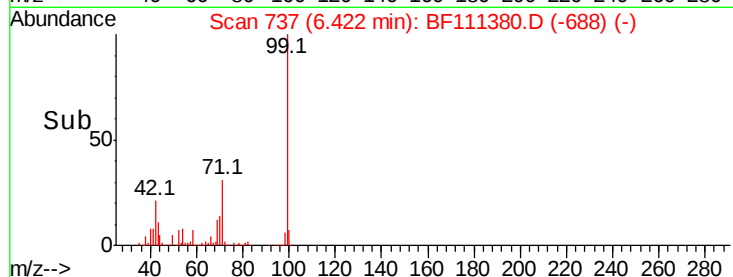
99 100

42 21.5 17.4 26.0

71 31.3 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



#10

Phenol

Concen: 2.193 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111380.D

Acq: 13 Dec 2018 20:03

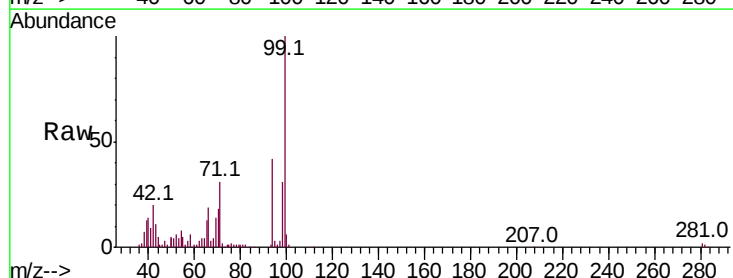
Tgt Ion: 94 Resp: 48270

Ion Ratio Lower Upper

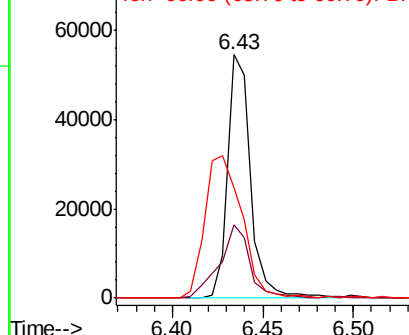
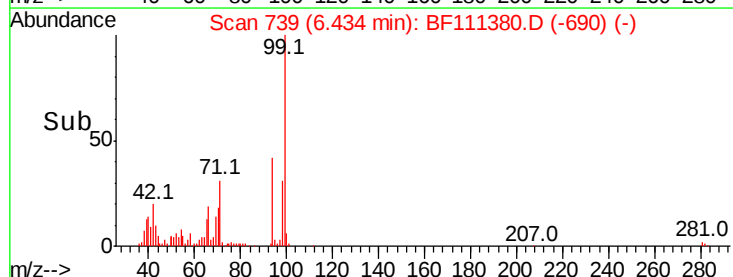
94 100

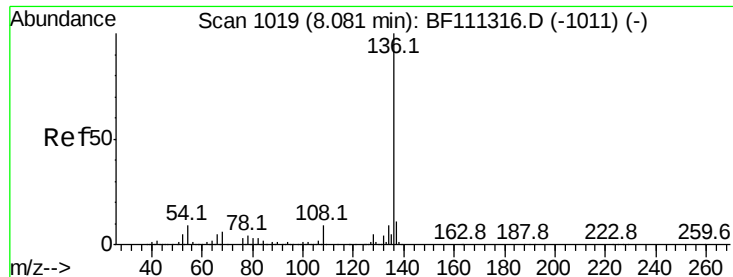
65 30.1 11.7 51.7

66 45.5 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

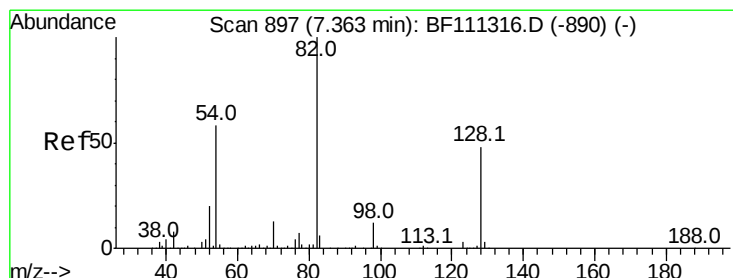
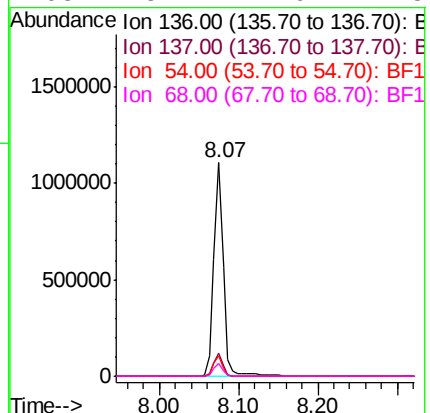
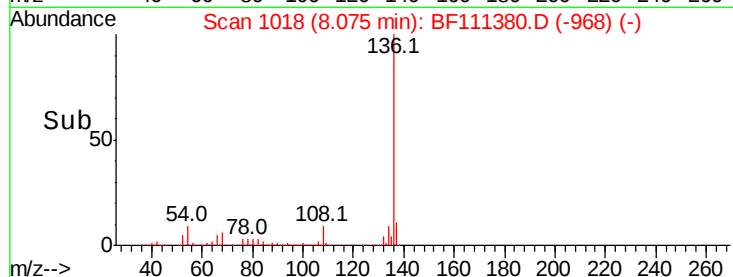
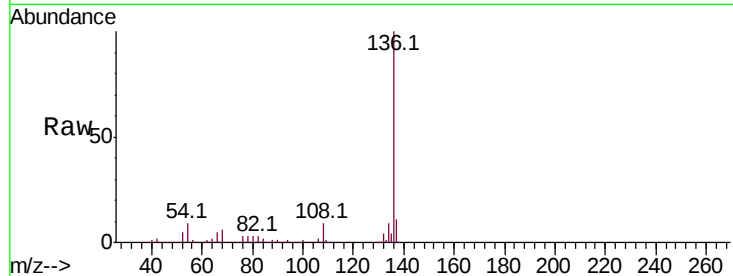




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111380.D
Acq: 13 Dec 2018 20:03

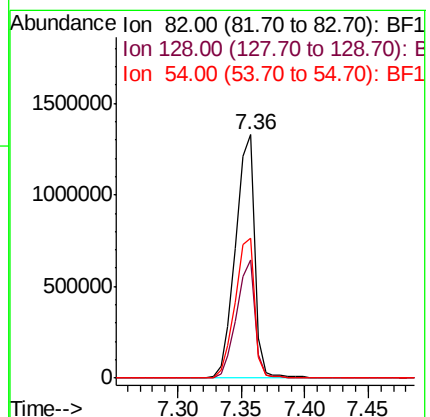
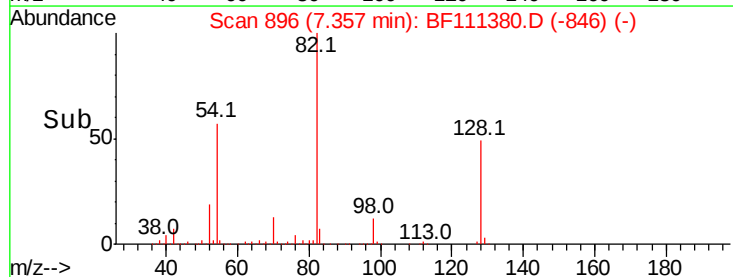
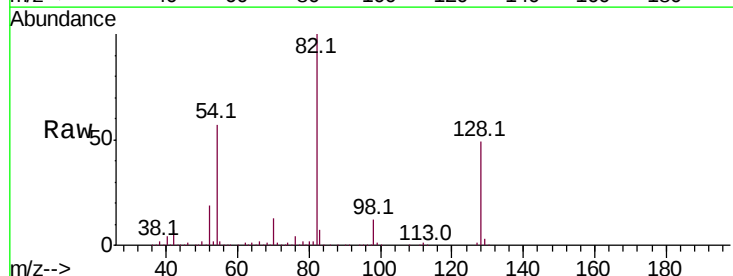
Instrument :
BNA_F
ClientSampleId :
TW-5

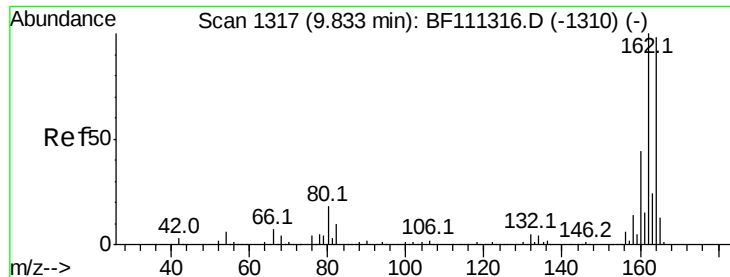
Tot Ion:136	Resp:	925671
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.1 13.7
54	9.3	7.7 11.5
68	5.7	4.9 7.3



#23
Nitrobenzene-d5
Concen: 84.686 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111380.D
Acq: 13 Dec 2018 20:03

Tgt Ion: 82	Resp: 1390825
Ion Ratio	Lower Upper
82	100
128	48.6 37.4 56.2
54	57.4 47.6 71.4

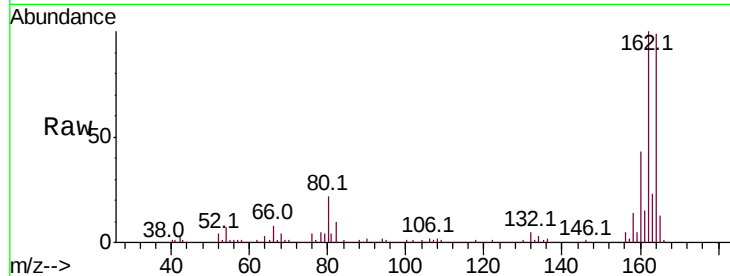




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111380.D
Acq: 13 Dec 2018 20:03

Instrument :
BNA_F
ClientSampleId :
TW-5

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.4	122.0
160	43.8	35.7	53.5

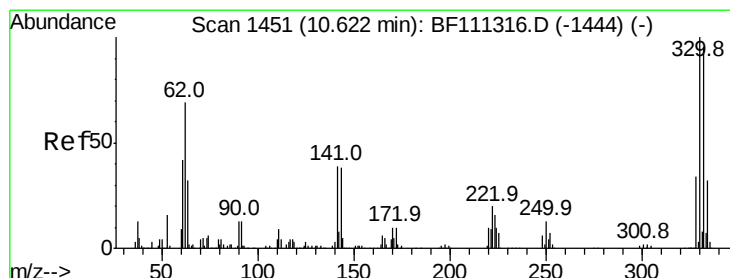
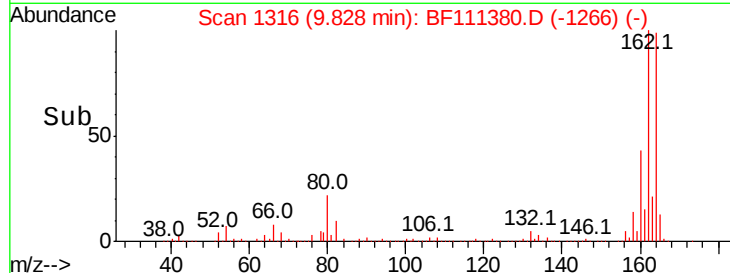
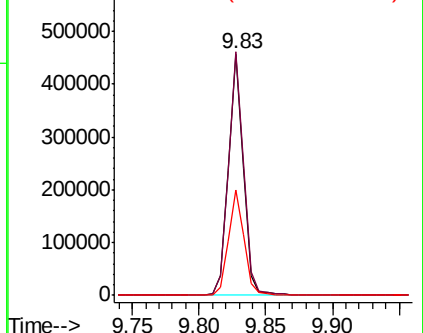


Abundance

Ion 164.00 (163.70 to 164.70): E

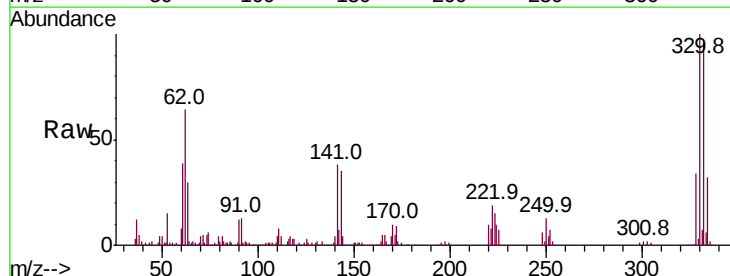
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 104.973 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111380.D
Acq: 13 Dec 2018 20:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.0	114.0
141	38.8	31.0	46.6

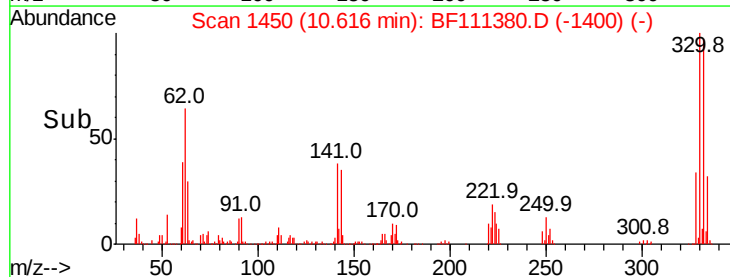
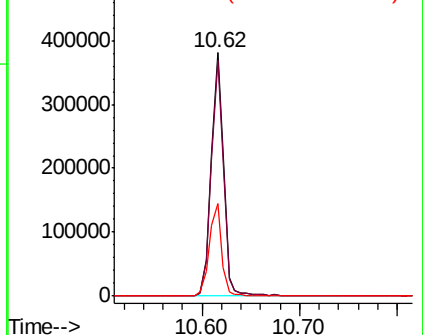


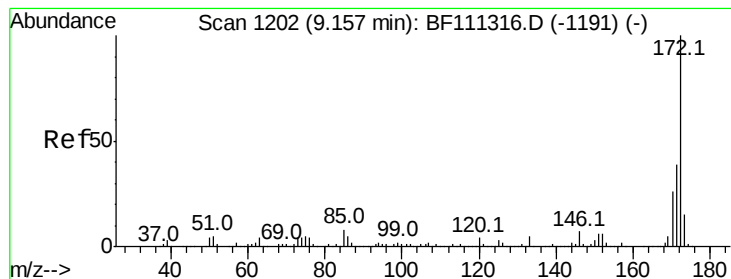
Abundance

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: 96.977 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BF111380.D

Acq: 13 Dec 2018 20:03

Instrument :

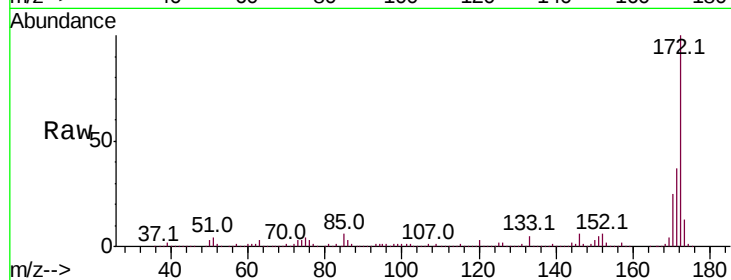
BNA_F

ClientSampleId :

TW-5

Tot Ion:172 Resp: 2206277

Ion	Ratio	Lower	Upper
172	100		
171	36.5	33.0	49.4
170	24.5	22.3	33.5

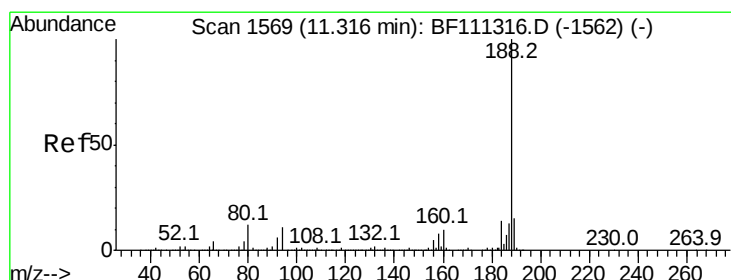
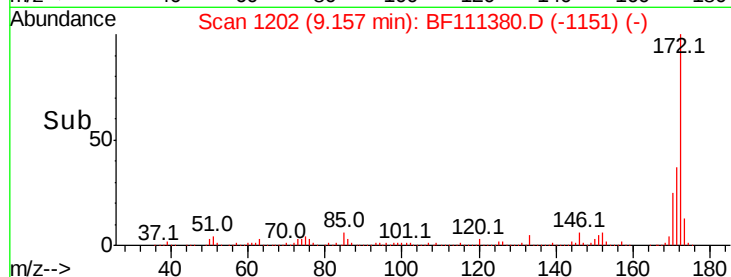
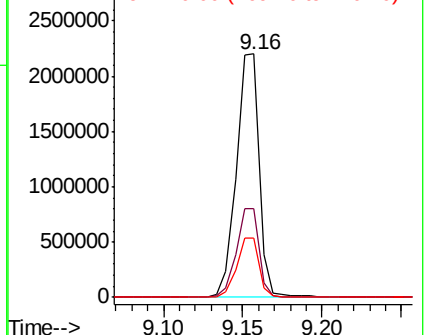


Abundance

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

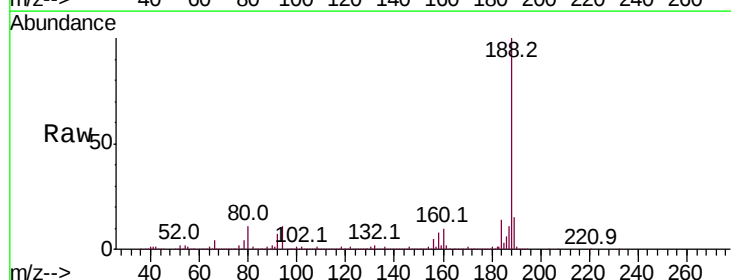
Delta R.T. -0.01 min

Lab File: BF111380.D

Acq: 13 Dec 2018 20:03

Tgt Ion:188 Resp: 521358

Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.6	14.4
80	10.9	9.8	14.6

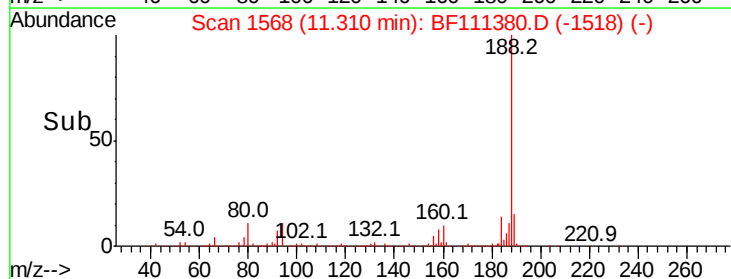
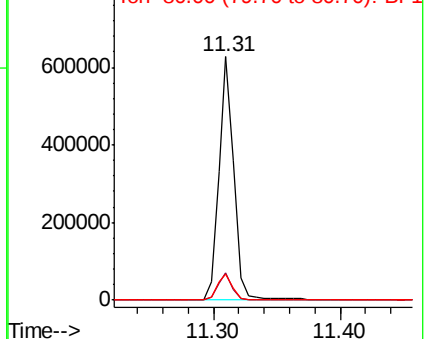


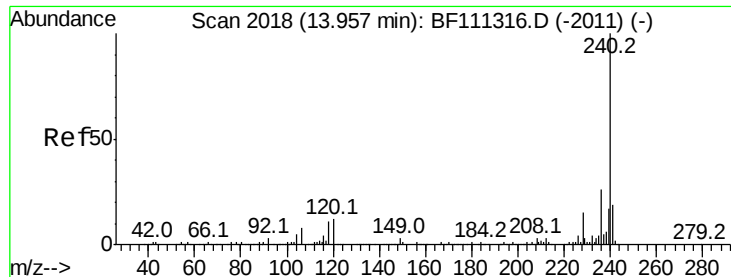
Abundance

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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111380.D

Acq: 13 Dec 2018 20:03

Instrument :

BNA_F

ClientSampleId :

TW-5

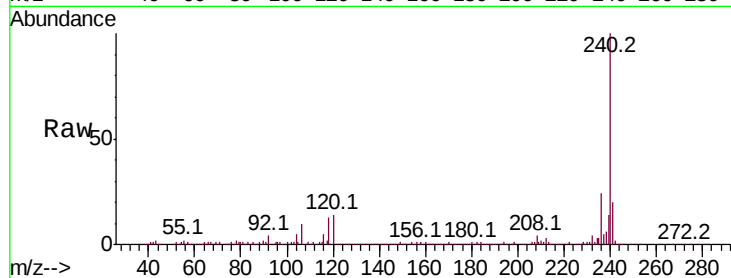
Tot Ion:240 Resp: 373112

Ion Ratio Lower Upper

240 100

120 13.6 12.2 18.2

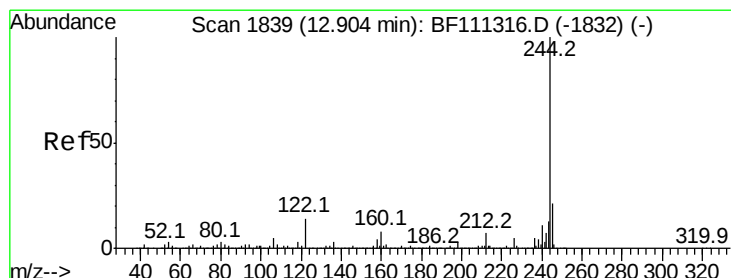
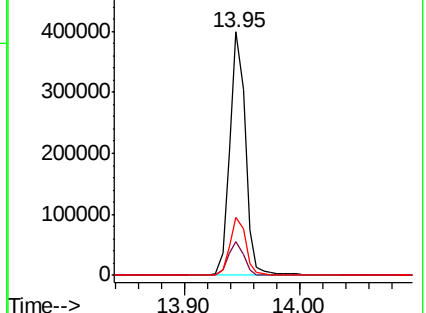
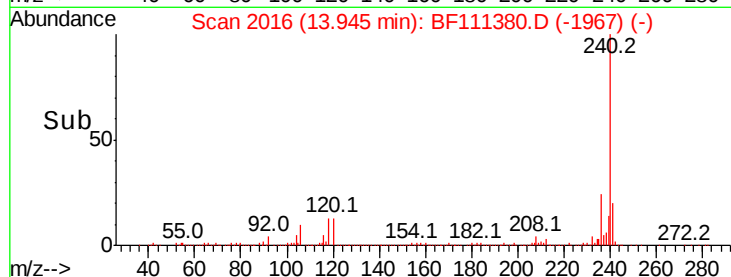
236 24.0 20.2 30.2



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



#79

Terphenyl-d14

Concen: 86.661 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF111380.D

Acq: 13 Dec 2018 20:03

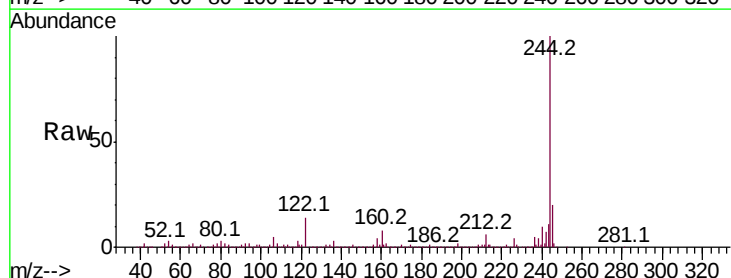
Tgt Ion:244 Resp: 1469111

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

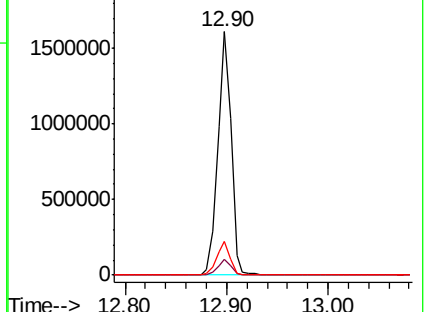
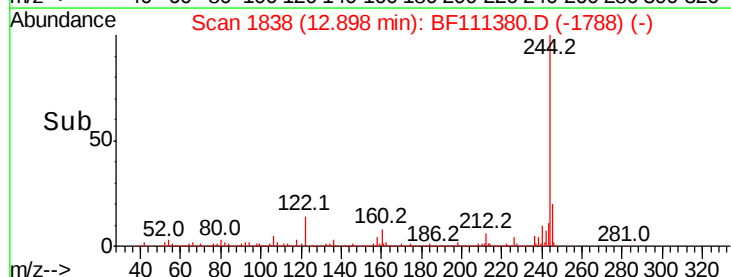
122 14.1 13.1 19.7

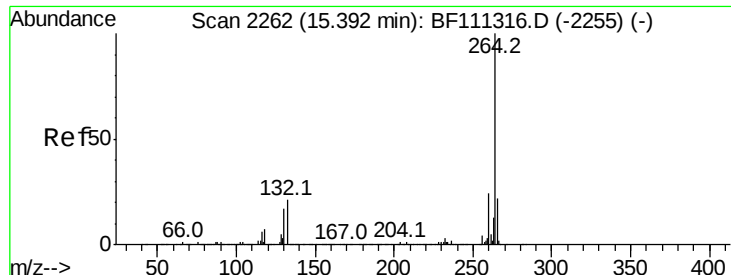


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF111380.D
Acq: 13 Dec 2018 20:03

Instrument :
BNA_F
ClientSampleId :
TW-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	21.3	17.7	26.5

