

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
 Data File : BF111298.D
 Acq On : 12 Dec 2018 1:33
 Operator : JU/SJ
 Sample : J6214-39
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Quant Time: Dec 12 04:40:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

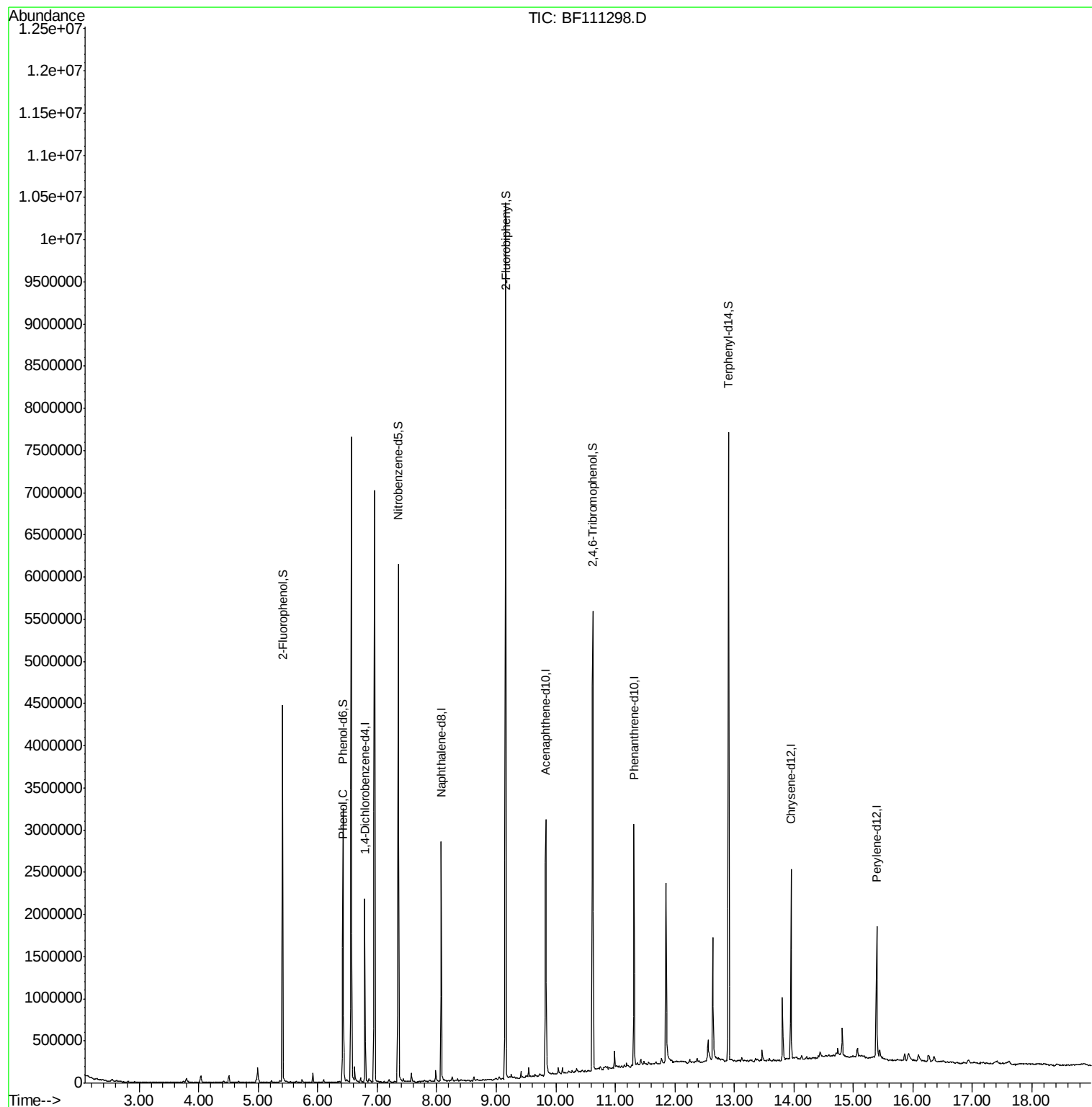
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	320955	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1261617	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	583143	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	967842	20.00	ng	0.00
76) Chrysene-d12	13.95	240	712860	20.00	ng	0.00
87) Perylene-d12	15.39	264	694476	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1148949	56.53	ng	0.00
7) Phenol-d6	6.42	99	1004021	39.75	ng	-0.01
23) Nitrobenzene-d5	7.36	82	2011555	89.43	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	629937	121.95	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3168910	99.47	ng	0.00
79) Terphenyl-d14	12.90	244	2673098	89.94	ng	0.00
Target Compounds						
10) Phenol	6.43	94	121003	4.097	ng	Qvalue 94

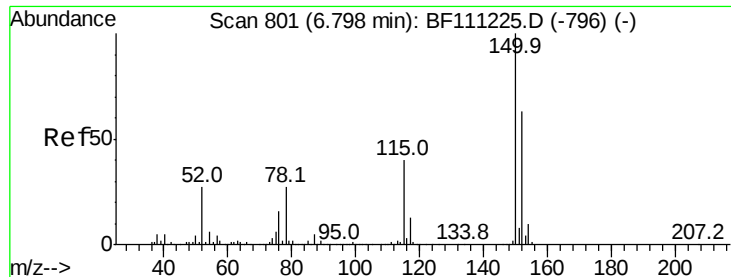
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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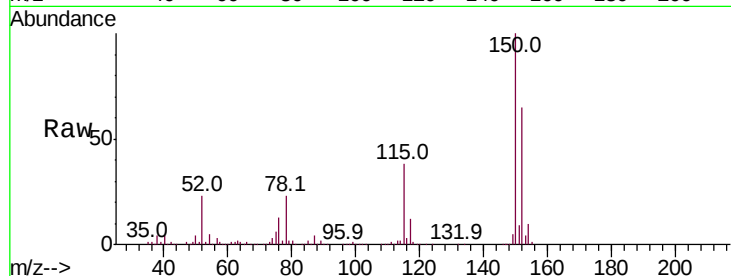


#1

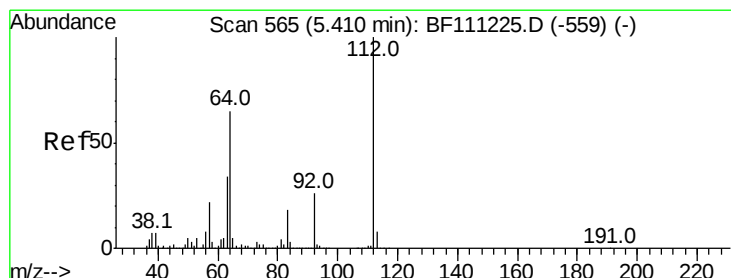
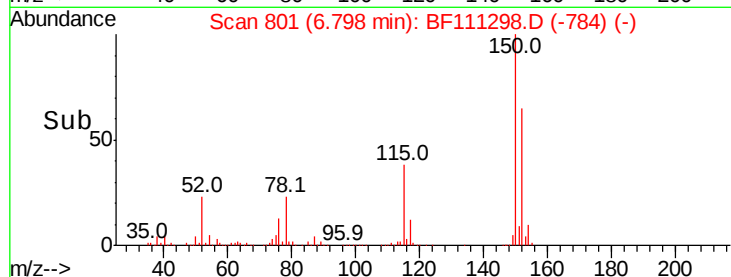
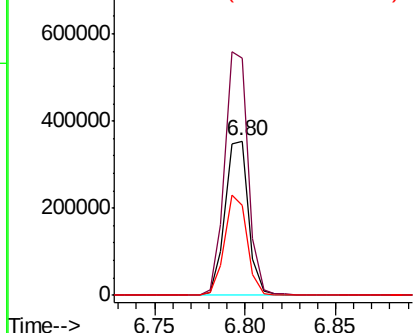
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111298.D
Acq: 12 Dec 2018 1:33

Instrument :
BNA_F
ClientSampleId :
TW-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.6	189.8
115	58.2	50.7	76.1



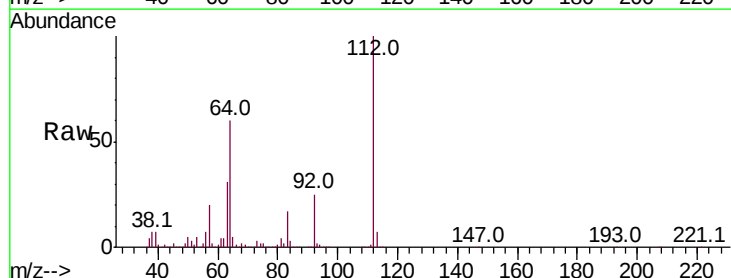
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



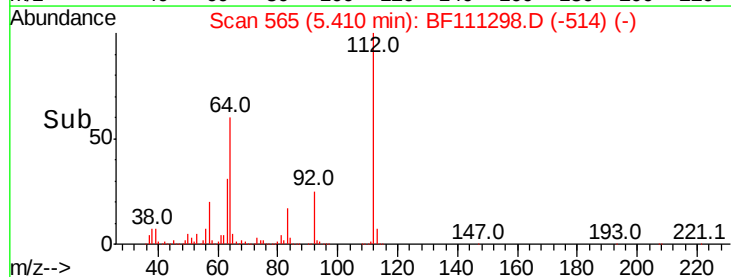
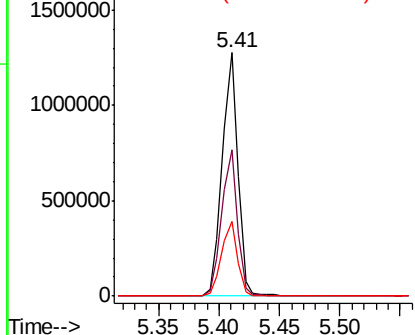
#5

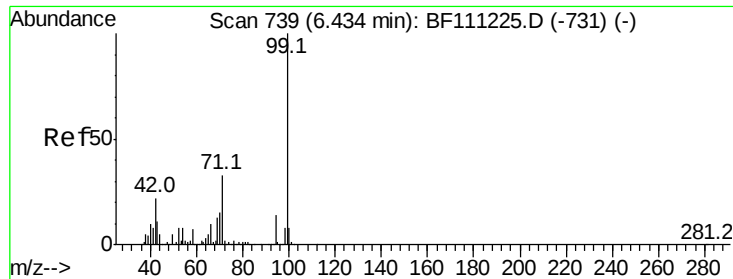
2-Fluorophenol
Concen: 56.527 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF111298.D
Acq: 12 Dec 2018 1:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	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: 39.748 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111298.D

Acq: 12 Dec 2018 1:33

Instrument :

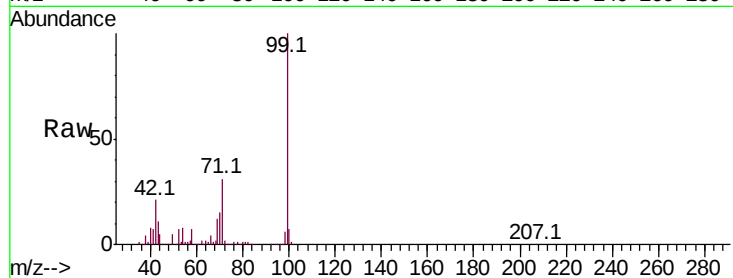
BNA_F

ClientSampleId :

TW-2

Tot Ion: 99 Resp: 1004021

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.4	26.0
71	31.0	26.1	39.1

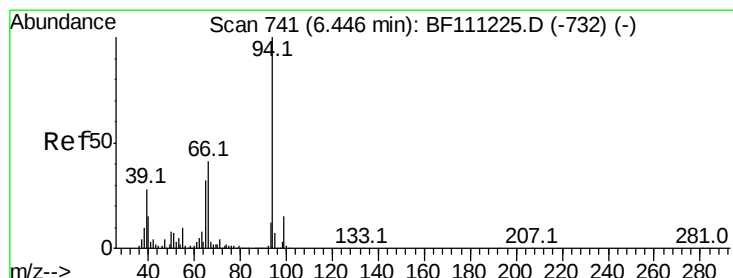
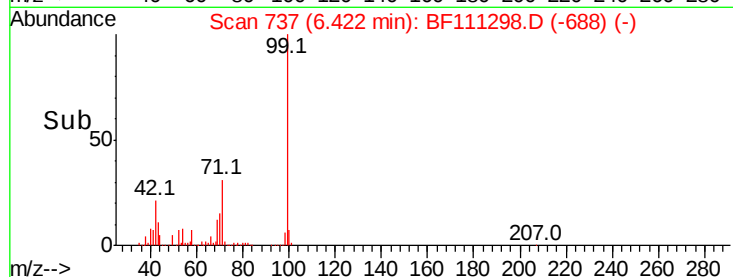
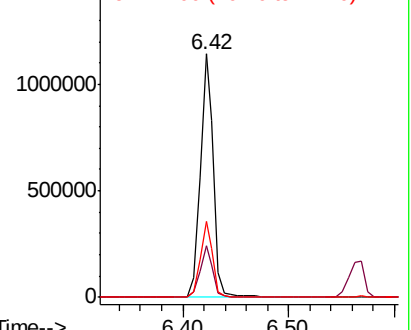


Abundance

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: 4.097 ng

RT: 6.43 min Scan# 739

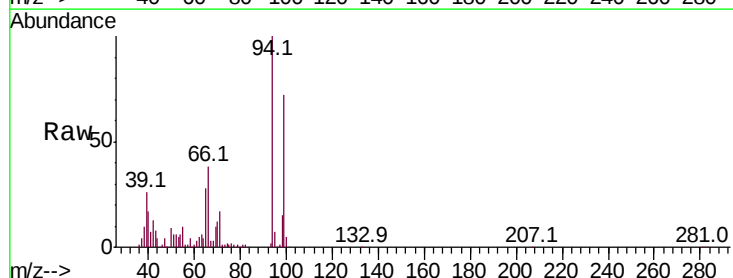
Delta R.T. -0.01 min

Lab File: BF111298.D

Acq: 12 Dec 2018 1:33

Tgt Ion: 94 Resp: 121003

Ion	Ratio	Lower	Upper
94	100		
65	27.8	11.7	51.7
66	37.5	21.0	61.0

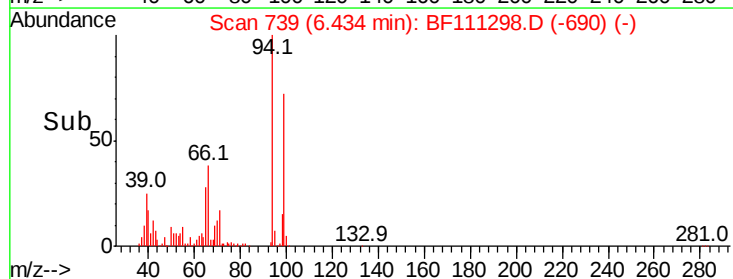
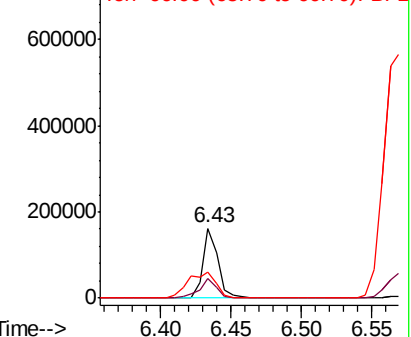


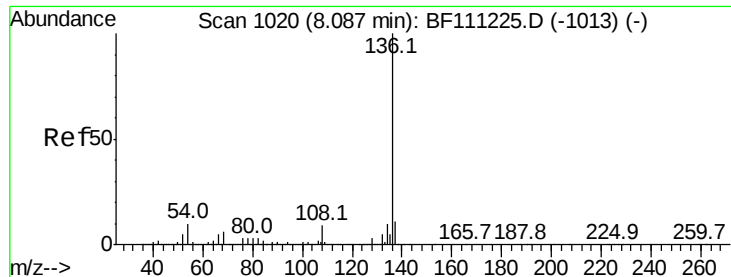
Abundance

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

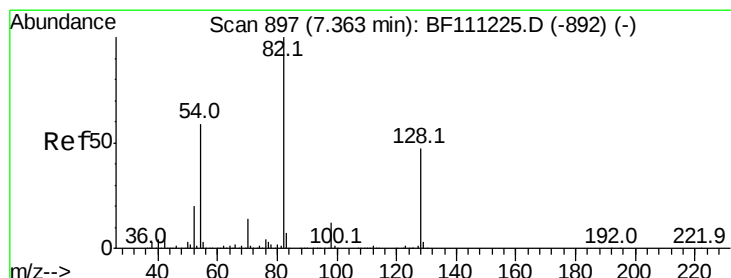
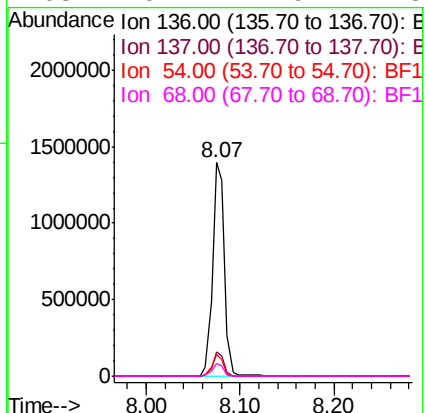
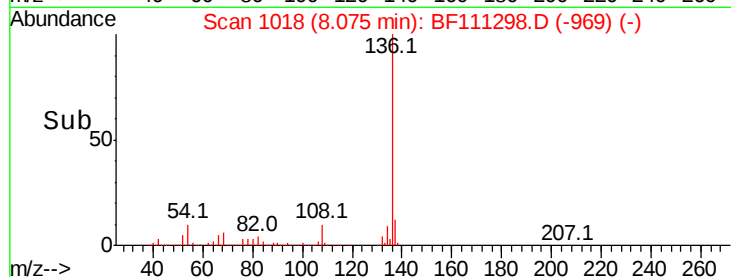
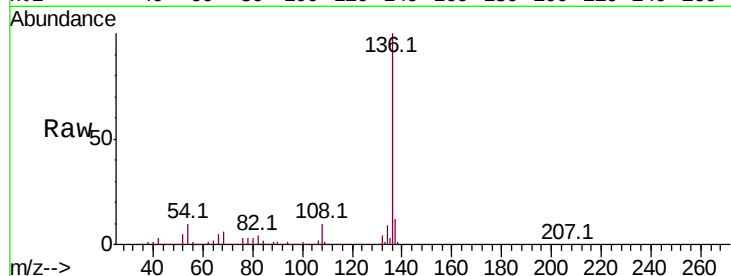




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111298.D
Acq: 12 Dec 2018 1:33

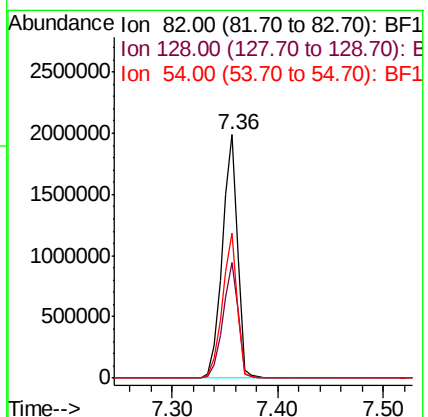
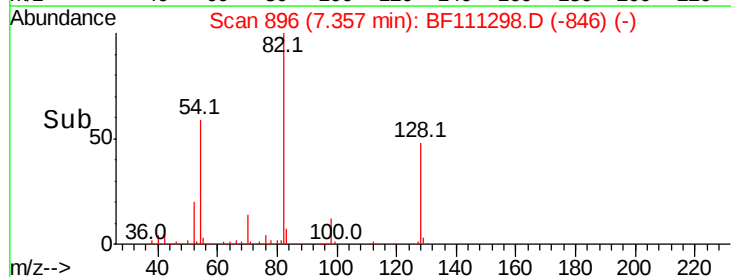
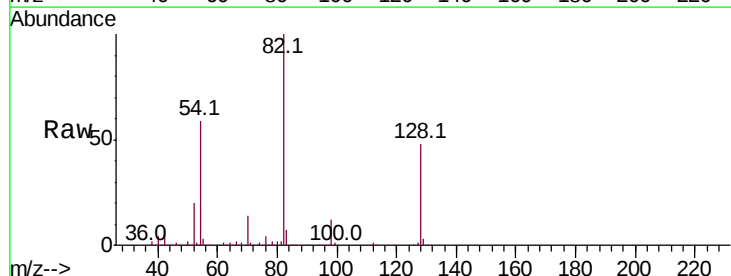
Instrument :
BNA_F
ClientSampleId :
TW-2

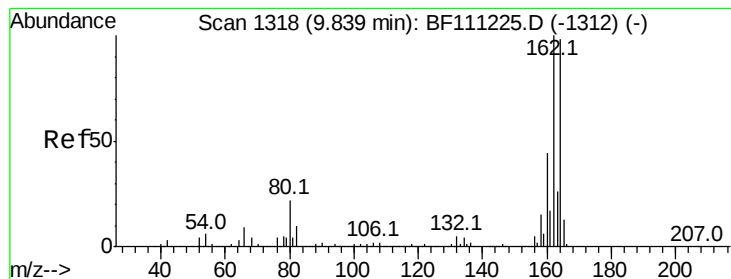
Tot Ion:	136	Resp:	1261617
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	10.4	7.7	11.5
68	6.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 89.429 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111298.D
Acq: 12 Dec 2018 1:33

Tgt Ion:	82	Resp:	2011555
Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.4	56.2
54	59.5	47.6	71.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF111298.D

Acq: 12 Dec 2018 1:33

Instrument :

BNA_F

ClientSampleId :

TW-2

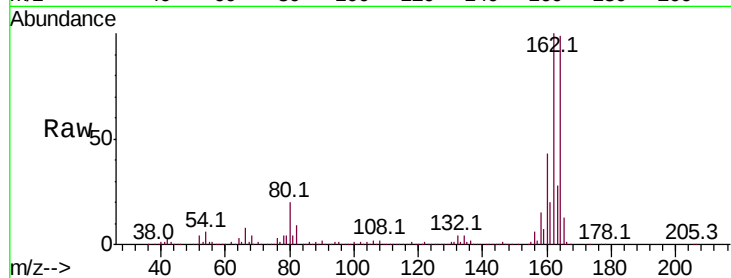
Tot Ion:164 Resp: 583143

Ion Ratio Lower Upper

164 100

162 101.4 81.4 122.0

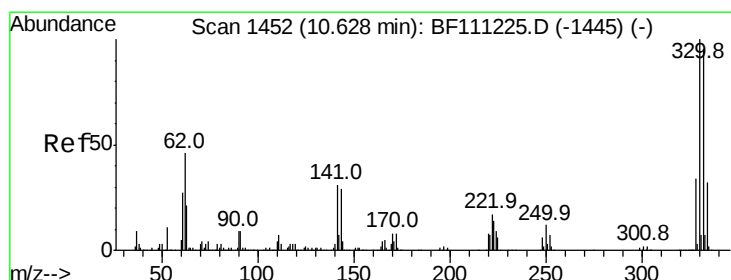
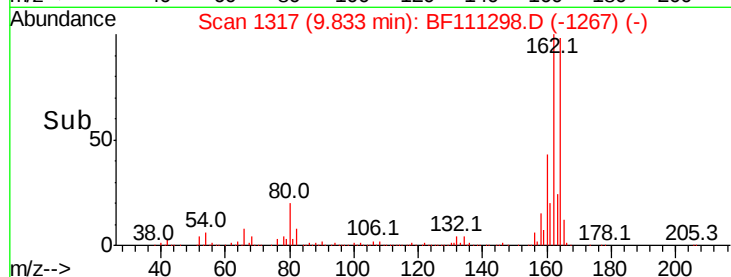
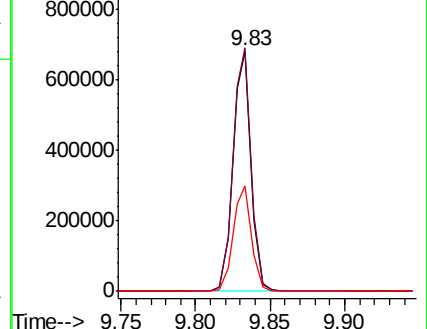
160 43.9 35.7 53.5



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: 121.950 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF111298.D

Acq: 12 Dec 2018 1:33

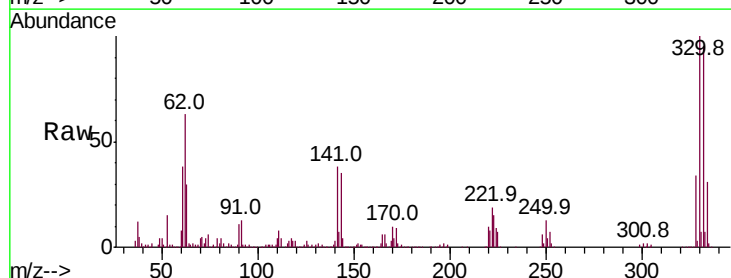
Tgt Ion:330 Resp: 629937

Ion Ratio Lower Upper

330 100

332 94.0 76.0 114.0

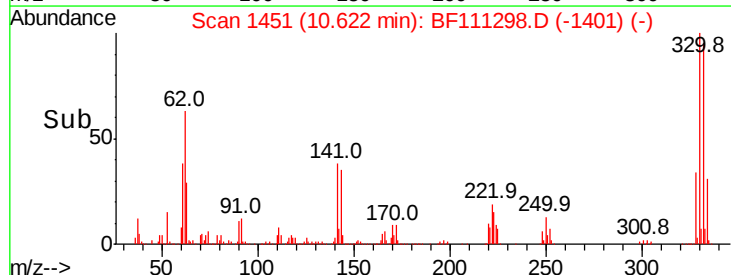
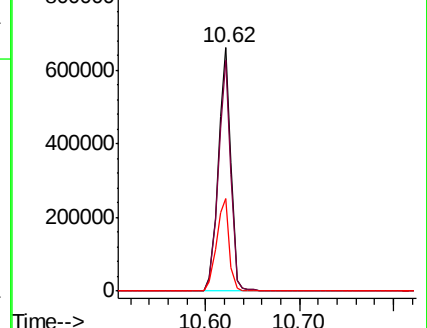
141 38.4 31.0 46.6

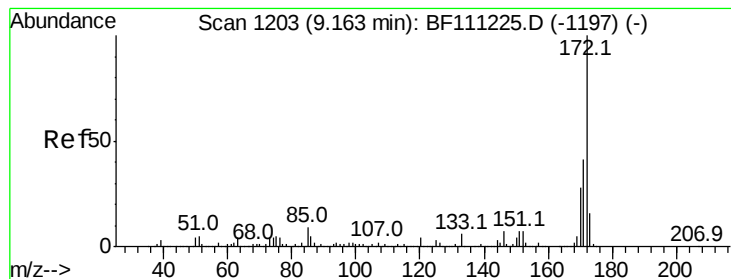


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 99.469 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF111298.D

Acq: 12 Dec 2018 1:33

Instrument :

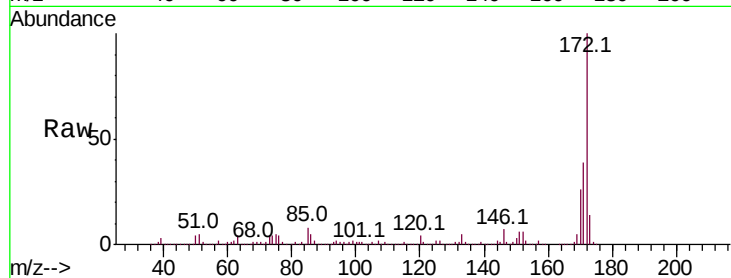
BNA_F

ClientSampleId :

TW-2

Tot Ion:172 Resp: 3168910

Ion	Ratio	Lower	Upper
172	100		
171	38.8	33.0	49.4
170	26.1	22.3	33.5

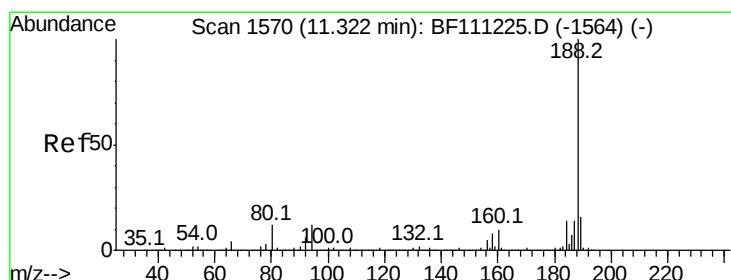
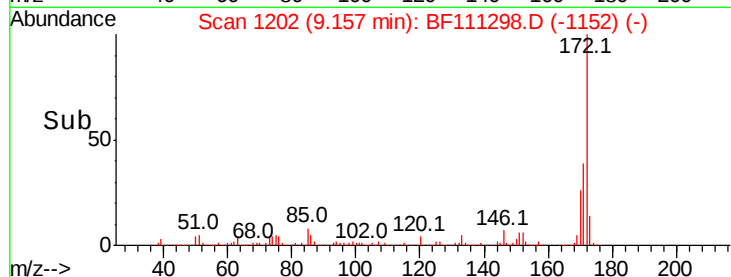
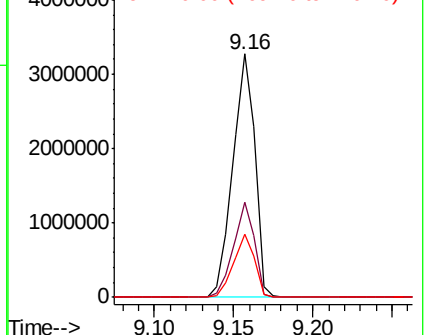


Abundance

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: 11.32 min Scan# 1569

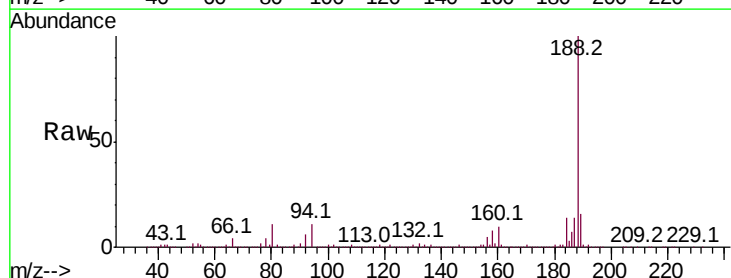
Delta R.T. -0.01 min

Lab File: BF111298.D

Acq: 12 Dec 2018 1:33

Tgt Ion:188 Resp: 967842

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.6	14.4
80	11.4	9.8	14.6

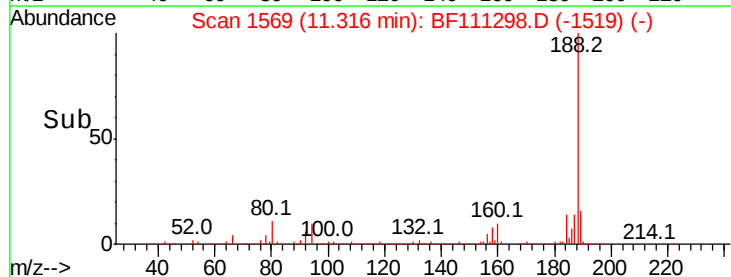
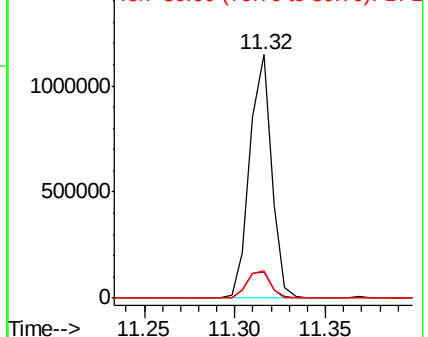


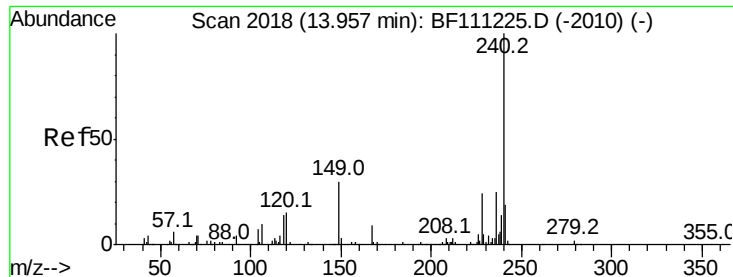
Abundance

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

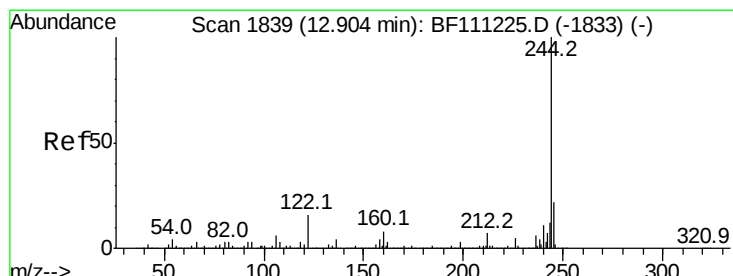
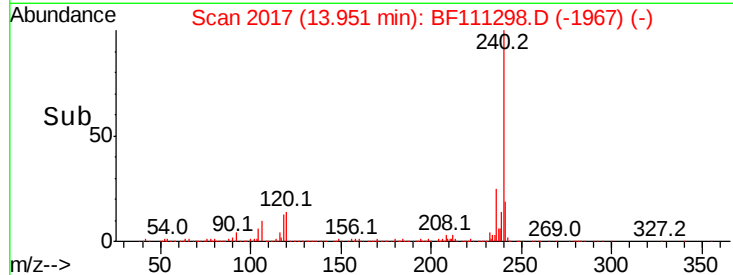
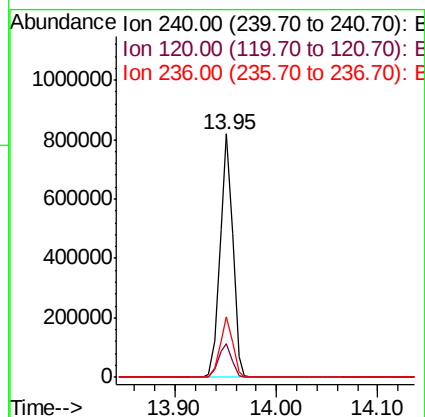
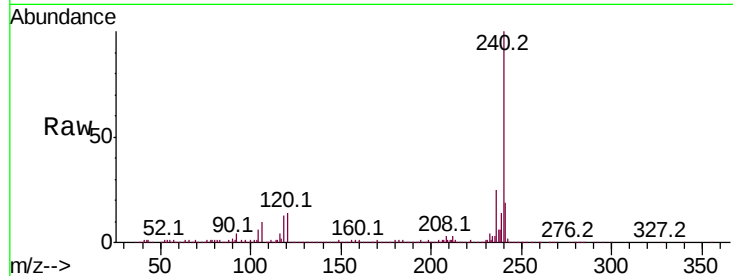




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF111298.D
 Acq: 12 Dec 2018 1:33

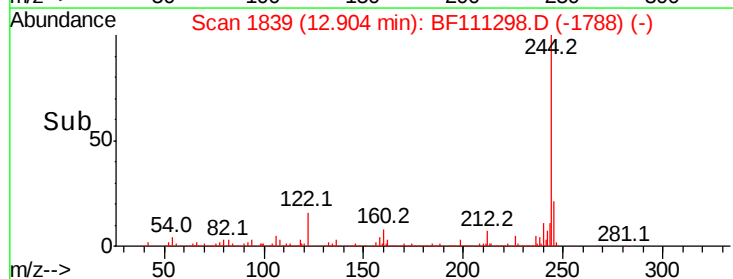
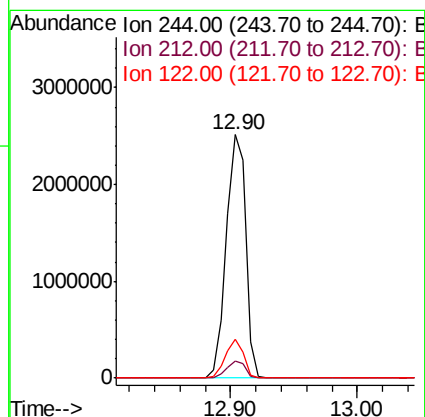
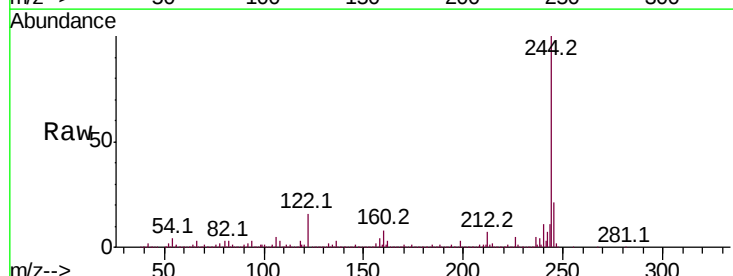
Instrument :
 BNA_F
 ClientSampleId :
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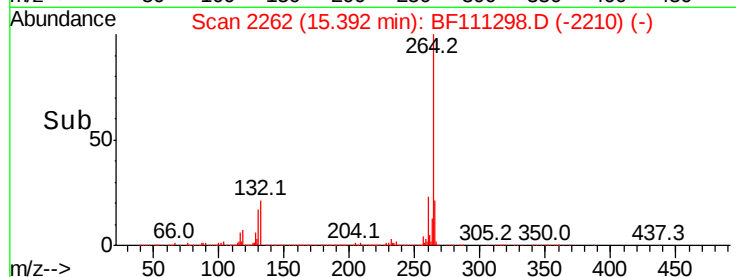
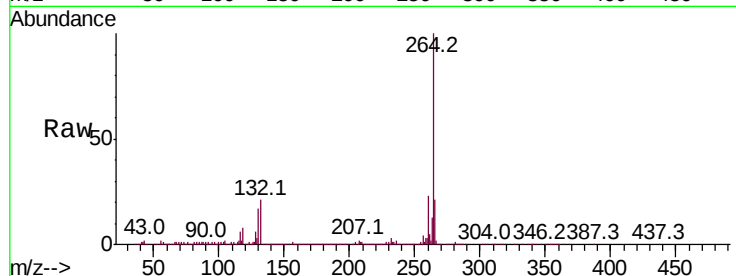
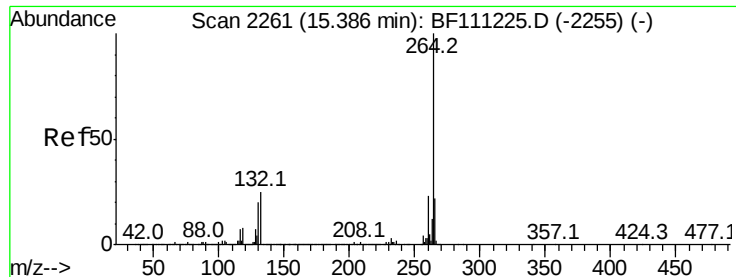
Tot Ion:240 Resp: 712860
 Ion Ratio Lower Upper
 240 100
 120 14.0 12.2 18.2
 236 25.0 20.2 30.2



#79
 Terphenyl-d14
 Concen: 89.945 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BF111298.D
 Acq: 12 Dec 2018 1:33

Tgt Ion:244 Resp: 2673098
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 15.7 13.1 19.7





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: BF111298.D
 Acq: 12 Dec 2018 1:33

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Tot Ion:	264	Resp:	694476
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.3	27.5
265	21.5	17.7	26.5

