

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111365.D
 Acq On : 13 Dec 2018 12:39
 Operator : JU/SJ
 Sample : J6334-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3-121018

Quant Time: Dec 13 13:58:16 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

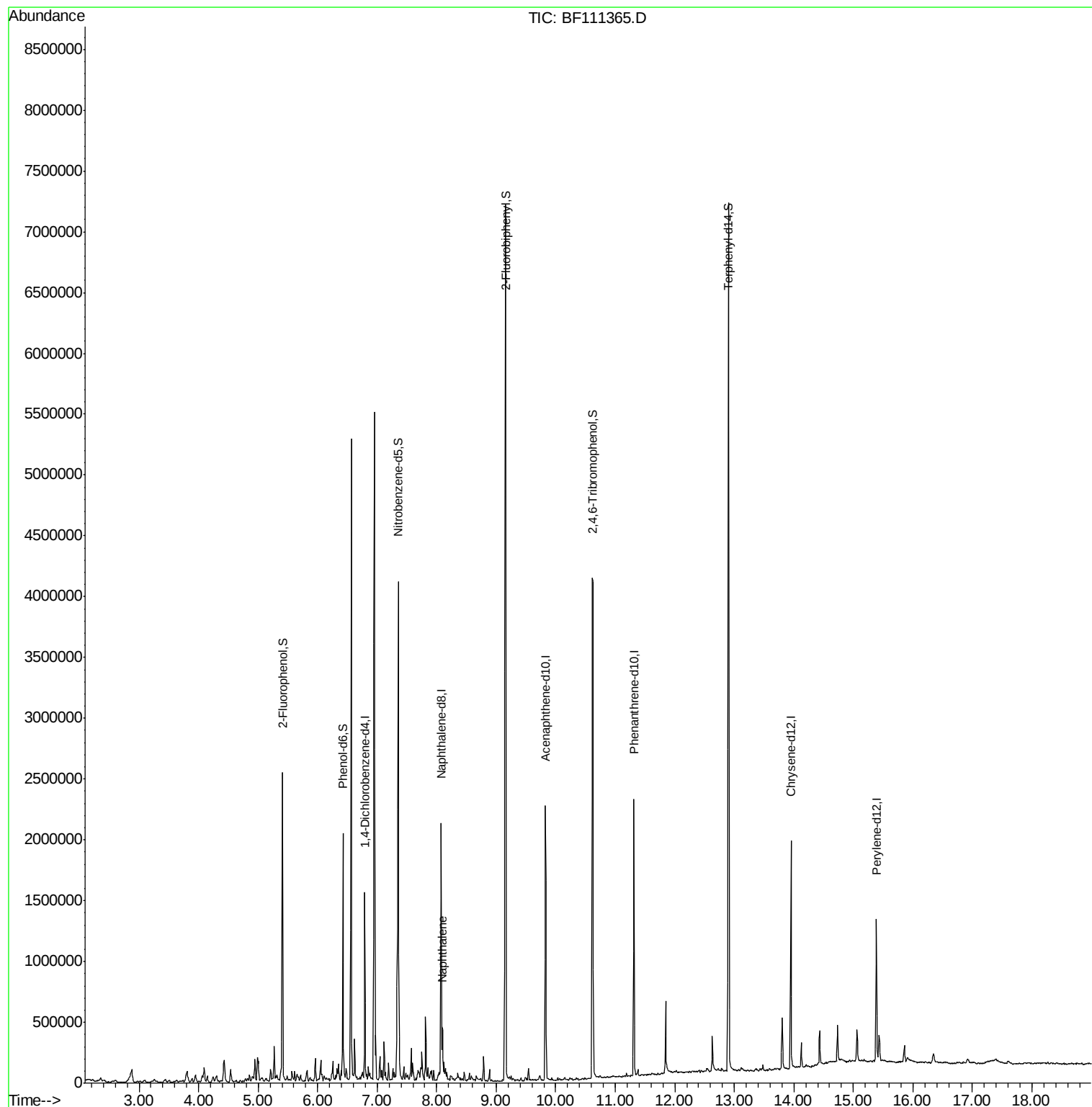
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	206314	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	848683	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	430299	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	836036	20.00	ng	0.00
76) Chrysene-d12	13.95	240	672452	20.00	ng	0.00
87) Perylene-d12	15.39	264	504472	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	726225	59.52	ng	0.00
7) Phenol-d6	6.42	99	566550	34.44	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1400351	93.00	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	519257	136.89	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2389005	89.14	ng	0.00
79) Terphenyl-d14	12.90	244	2715937	88.89	ng	0.00
Target Compounds						
31) Naphthalene	8.09	128	143813	3.637	ng	Qvalue 96

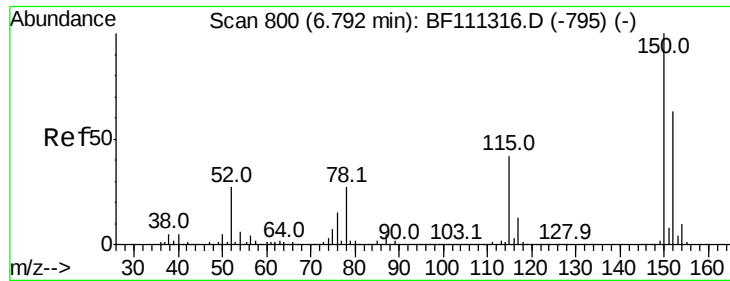
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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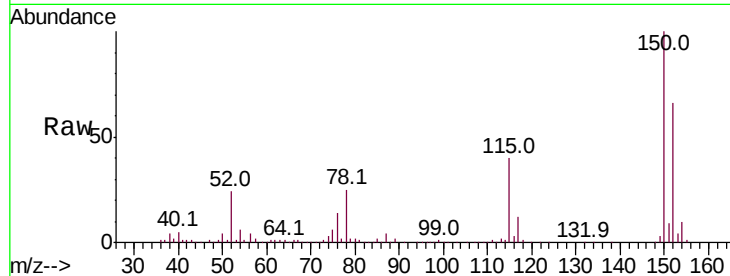


#1

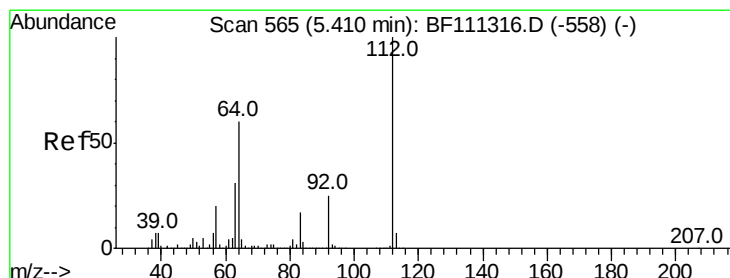
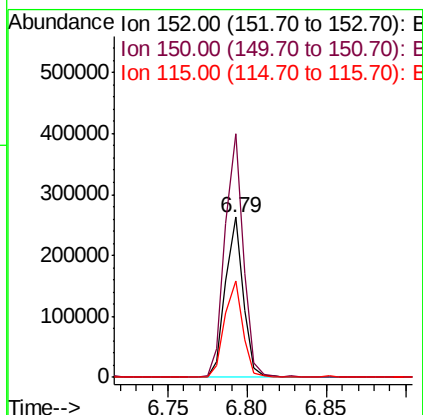
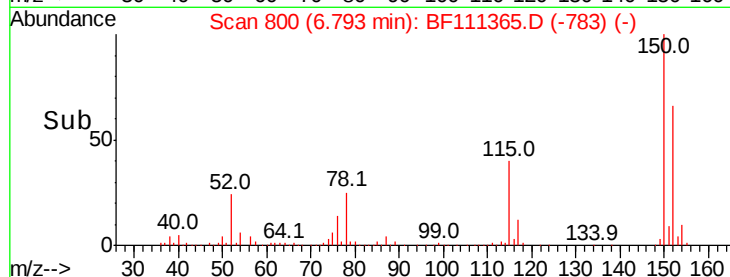
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111365.D
Acq: 13 Dec 2018 12:39

Instrument :
BNA_F
ClientSampleId :
B3-121018

Tot Ion:152 Resp: 206314
Ion Ratio Lower Upper
152 100
150 152.3 126.6 189.8
115 60.6 50.7 76.1



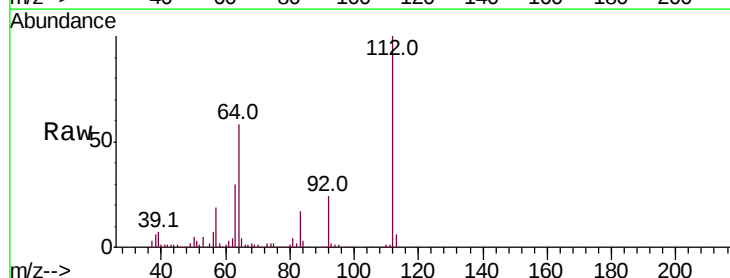
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



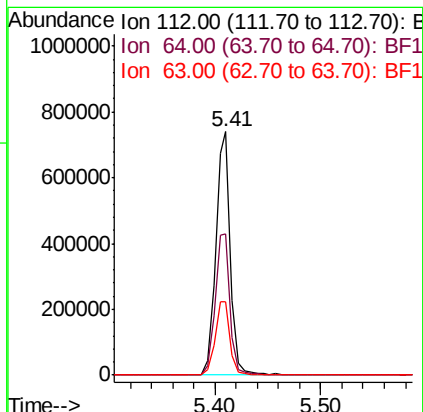
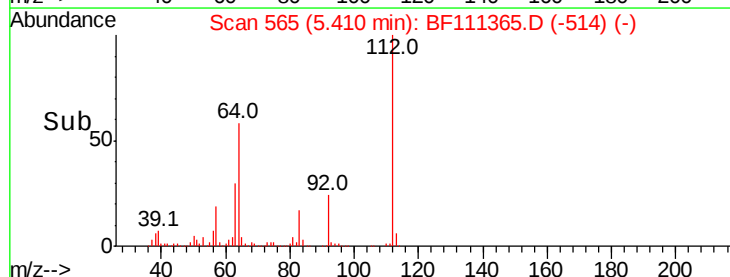
#5

2-Fluorophenol
Concen: 59.524 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF111365.D
Acq: 13 Dec 2018 12:39

Tgt Ion:112 Resp: 726225
Ion Ratio Lower Upper
112 100
64 58.1 51.8 77.6
63 30.1 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: 34.442 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111365.D

Acq: 13 Dec 2018 12:39

Instrument :

BNA_F

ClientSampleId :

B3-121018

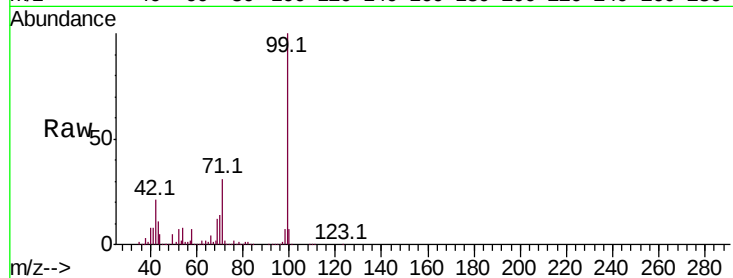
Tot Ion: 99 Resp: 566550

Ion Ratio Lower Upper

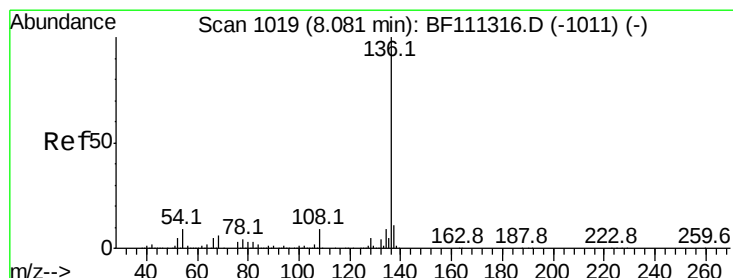
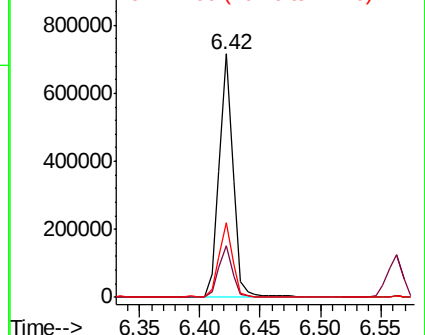
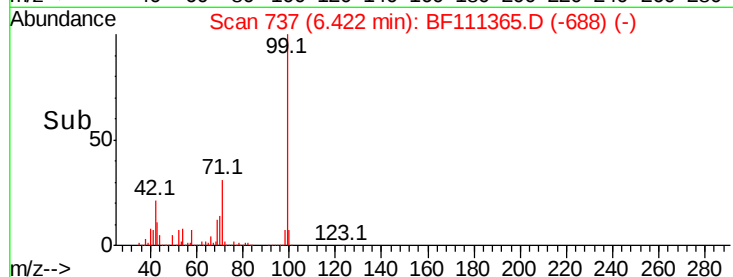
99 100

42 21.0 17.4 26.0

71 30.7 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: BF111365.D

Acq: 13 Dec 2018 12:39

Tgt Ion: 136 Resp: 848683

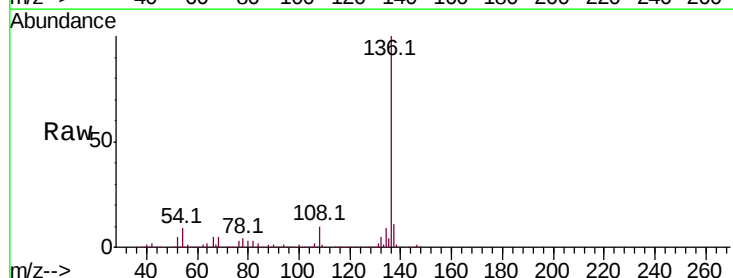
Ion Ratio Lower Upper

136 100

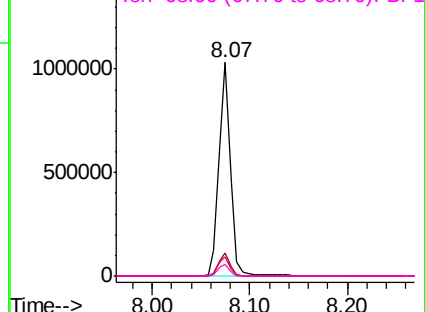
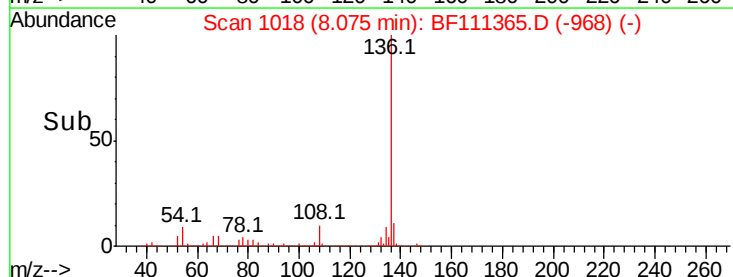
137 10.8 9.1 13.7

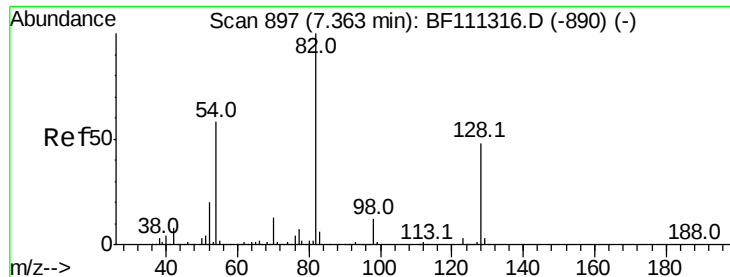
54 9.0 7.7 11.5

68 5.4 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

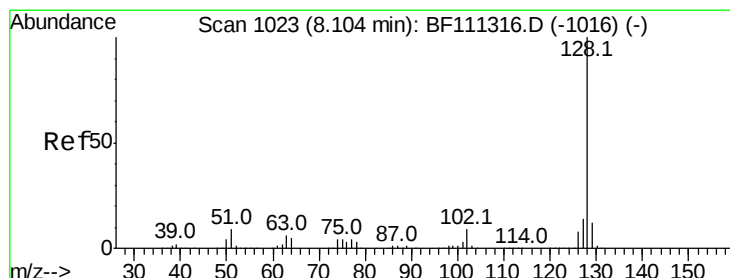
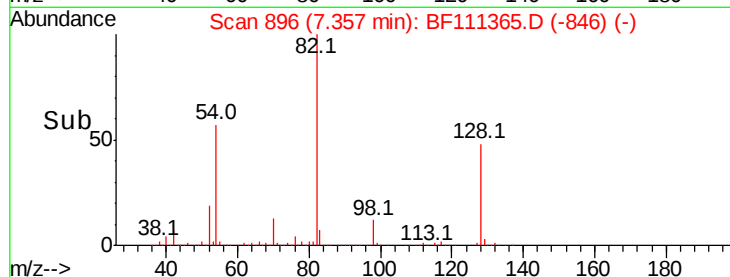
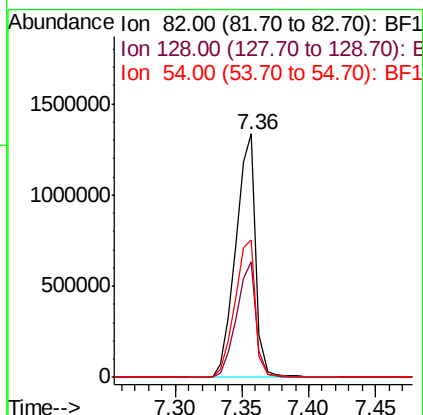
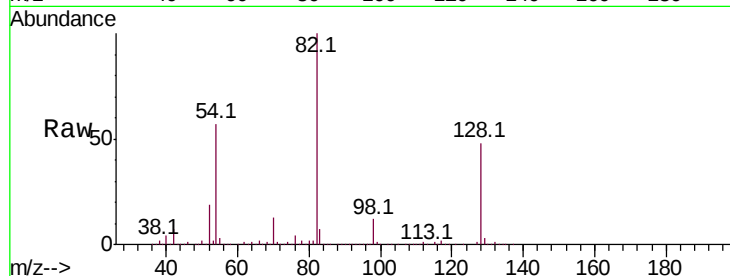




#23
Nitrobenzene-d5
Concen: 93.001 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111365.D
Acq: 13 Dec 2018 12:39

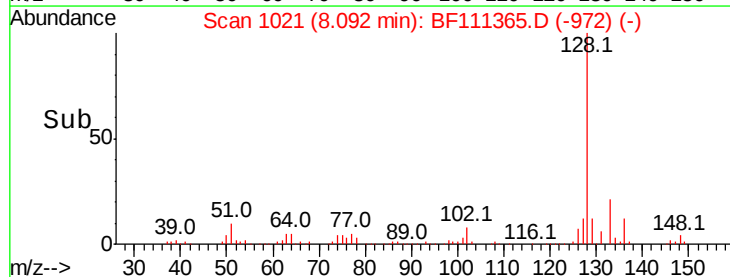
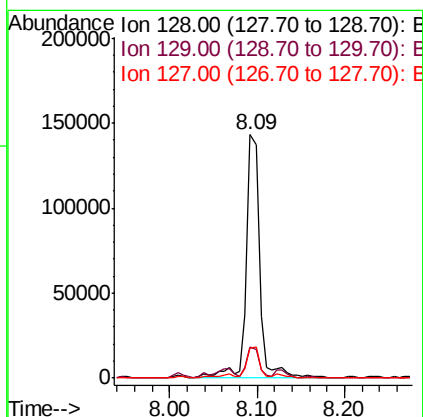
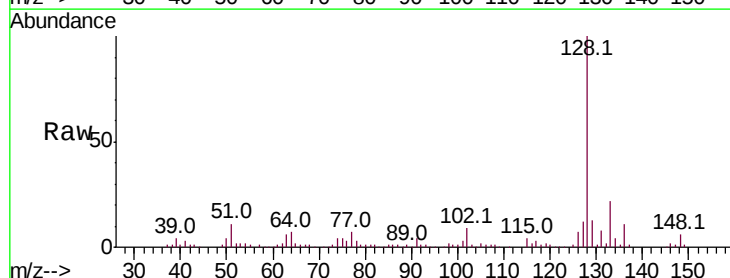
Instrument :
BNA_F
ClientSampleId :
B3-121018

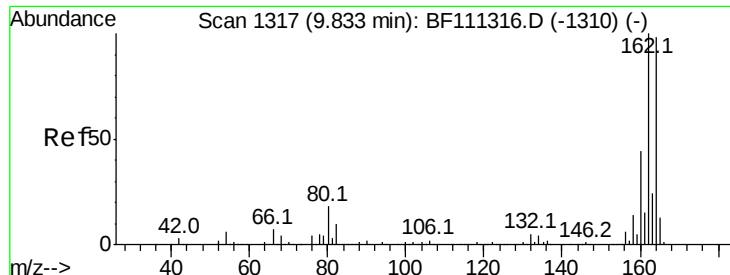
Tot Ion: 82 Resp: 1400351
Ion Ratio Lower Upper
82 100
128 47.7 37.4 56.2
54 56.6 47.6 71.4



#31
Naphthalene
Concen: 3.637 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111365.D
Acq: 13 Dec 2018 12:39

Tgt Ion:128 Resp: 143813
Ion Ratio Lower Upper
128 100
129 12.6 9.8 14.8
127 12.0 12.0 18.0

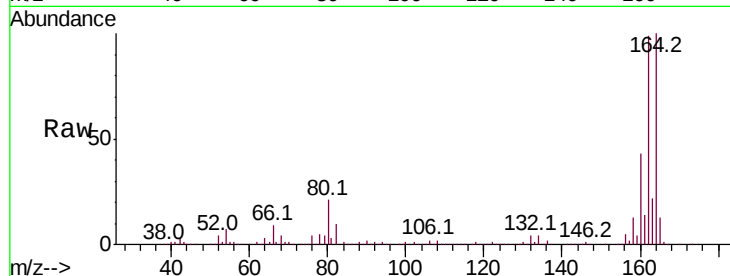




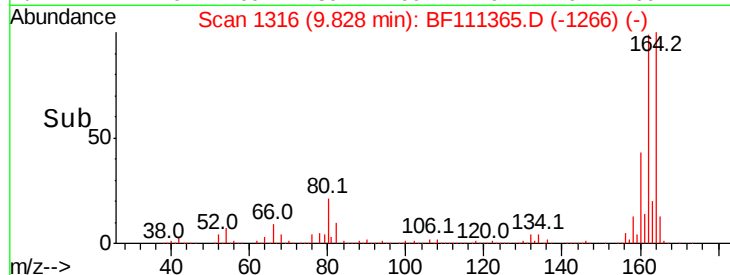
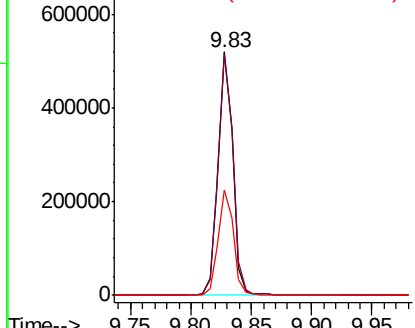
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111365.D
Acq: 13 Dec 2018 12:39

Instrument :
BNA_F
ClientSampleId :
B3-121018

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.4	122.0
160	43.1	35.7	53.5

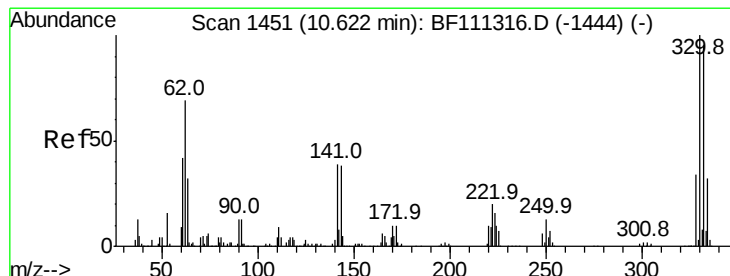


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

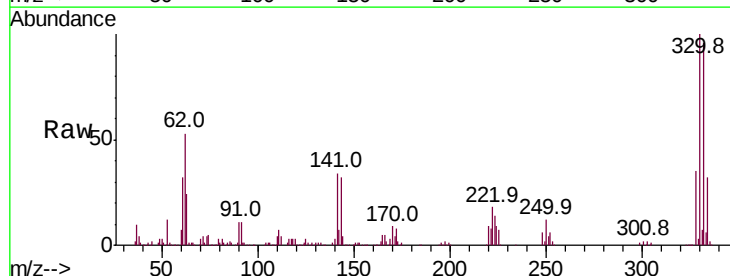
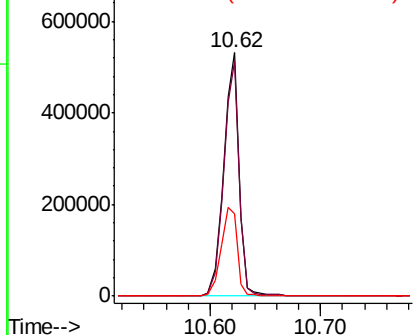


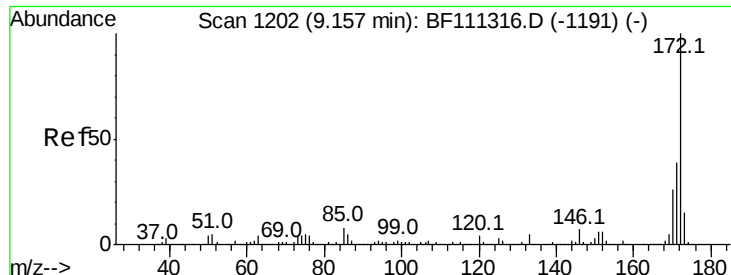
#42
2,4,6-Tribromophenol
Concen: 136.894 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF111365.D
Acq: 13 Dec 2018 12:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.0	114.0
141	39.0	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

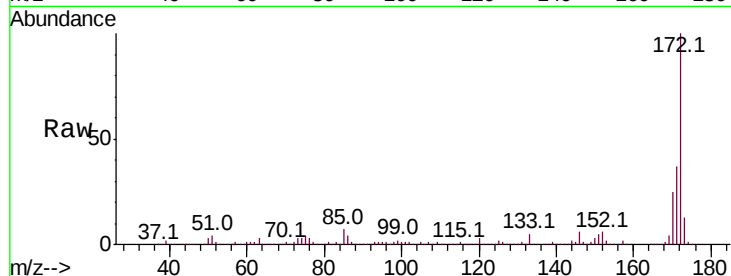




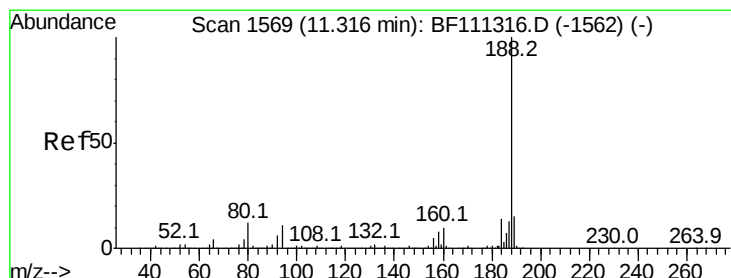
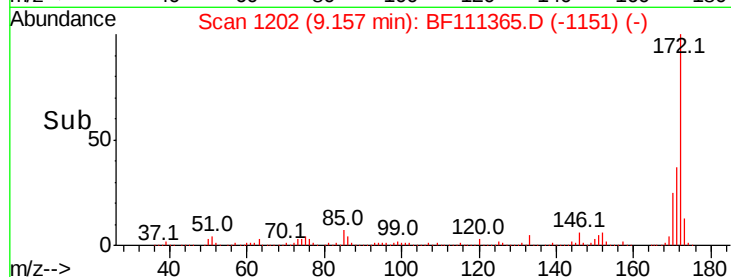
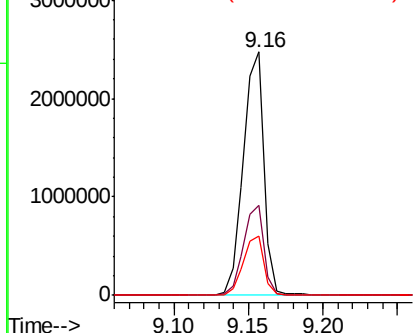
#45
2-Fluorobiphenyl
Concen: 89.136 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111365.D
Acq: 13 Dec 2018 12:39

Instrument :
BNA_F
ClientSampleId :
B3-121018

Tot Ion:172 Resp: 2389005
Ion Ratio Lower Upper
172 100
171 37.1 33.0 49.4
170 24.5 22.3 33.5

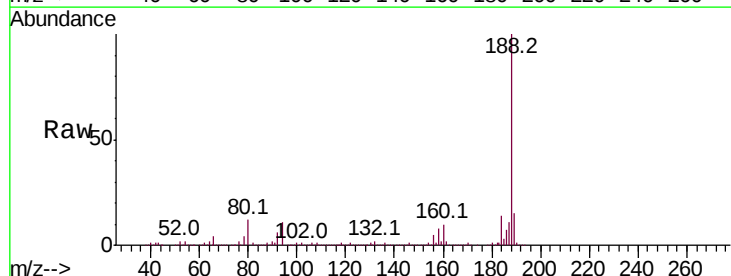


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

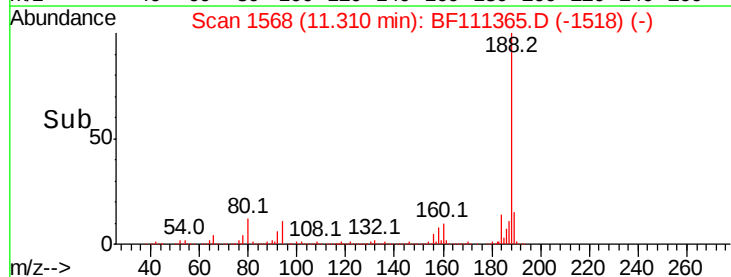
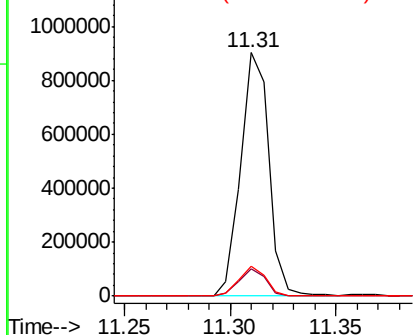


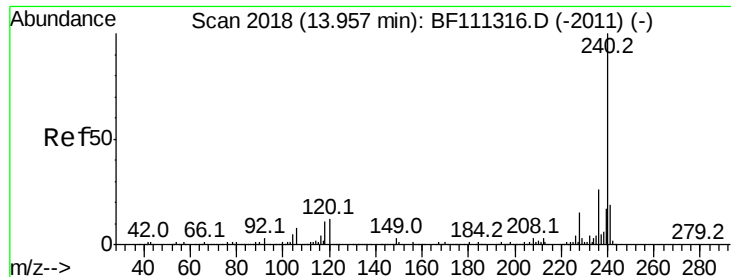
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111365.D
Acq: 13 Dec 2018 12:39

Tgt Ion:188 Resp: 836036
Ion Ratio Lower Upper
188 100
94 11.3 9.6 14.4
80 12.4 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: BF111365.D

Acq: 13 Dec 2018 12:39

Instrument :

BNA_F

ClientSampleId :

B3-121018

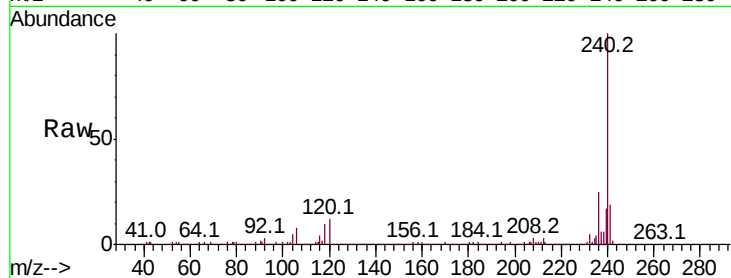
Tot Ion:240 Resp: 672452

Ion Ratio Lower Upper

240 100

120 12.1 12.2 18.2#

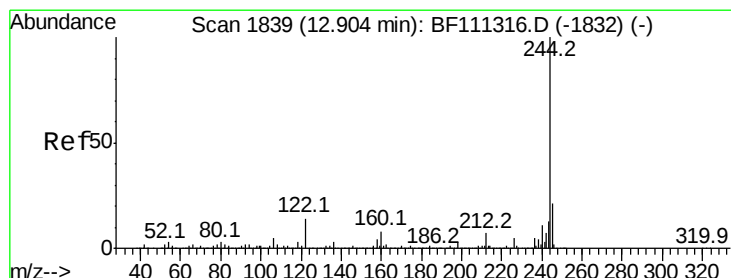
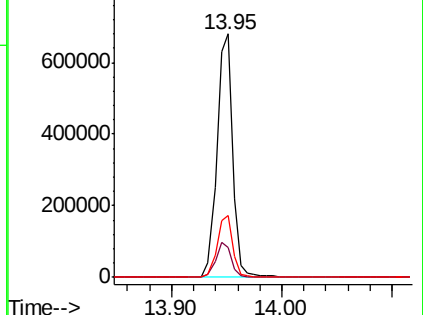
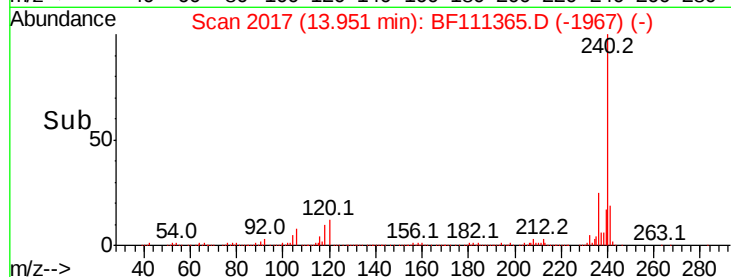
236 25.4 20.2 30.2



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: 88.893 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF111365.D

Acq: 13 Dec 2018 12:39

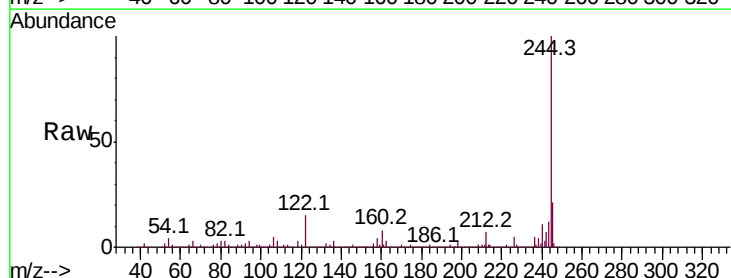
Tgt Ion:244 Resp: 2715937

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

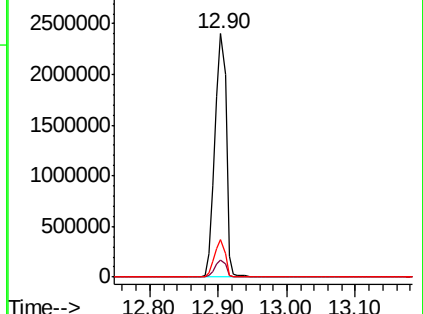
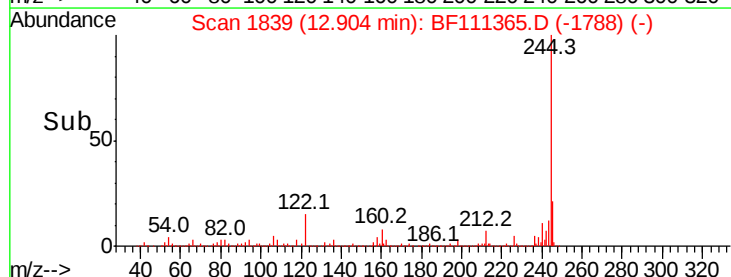
122 15.2 13.1 19.7

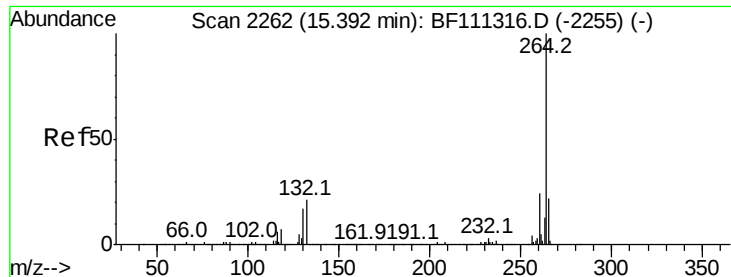


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF111365.D
Acq: 13 Dec 2018 12:39

Instrument :
BNA_F
ClientSampleId :
B3-121018

Tot Ion: 264 Resp: 504472

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.3	27.5
265	21.6	17.7	26.5

