

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111367.D
 Acq On : 13 Dec 2018 13:34
 Operator : JU/SJ
 Sample : J6214-33
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-4

Quant Time: Dec 13 16:22:56 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

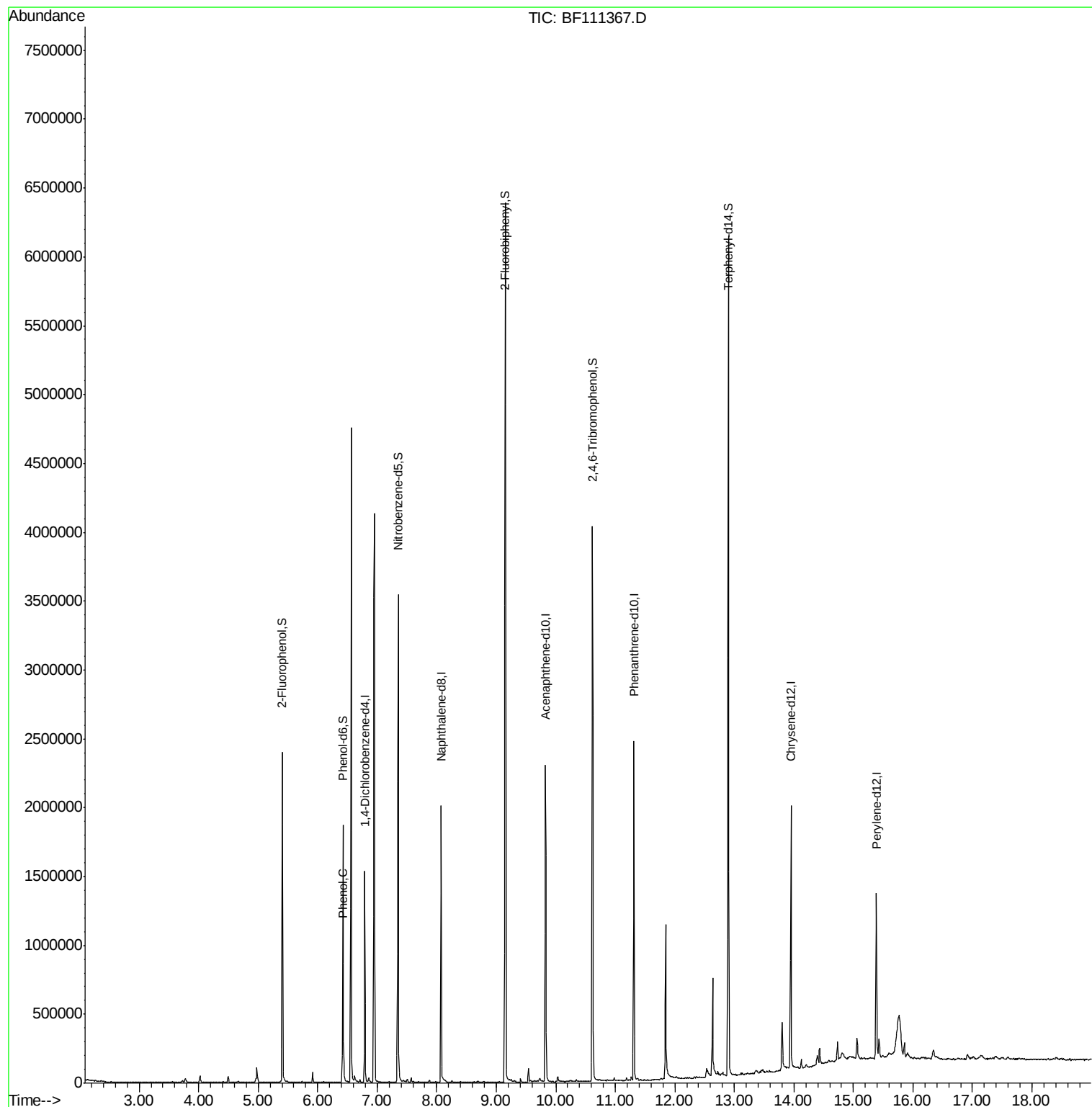
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	203165	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	858325	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	438735	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	844233	20.00	ng	0.00
76) Chrysene-d12	13.95	240	671497	20.00	ng	0.00
87) Perylene-d12	15.39	264	541169	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	655964	54.60	ng	0.00
7) Phenol-d6	6.42	99	526905	32.53	ng	-0.01
23) Nitrobenzene-d5	7.35	82	1111531	72.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	457346	118.25	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2012630	73.65	ng	0.00
79) Terphenyl-d14	12.90	244	2151834	70.53	ng	0.00
Target Compounds						
10) Phenol	6.43	94	44753	2.439	ng	Qvalue 95

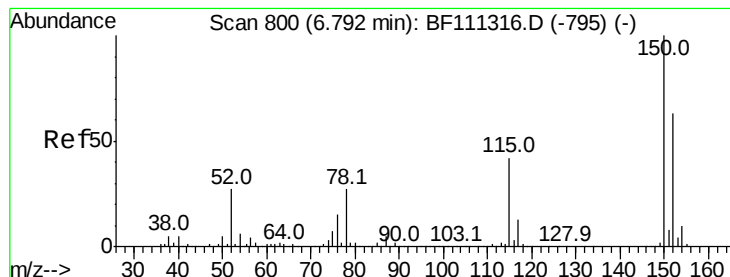
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF111367.D

Acq: 13 Dec 2018 13:34

Instrument :

BNA_F

ClientSampleId :

TW-4

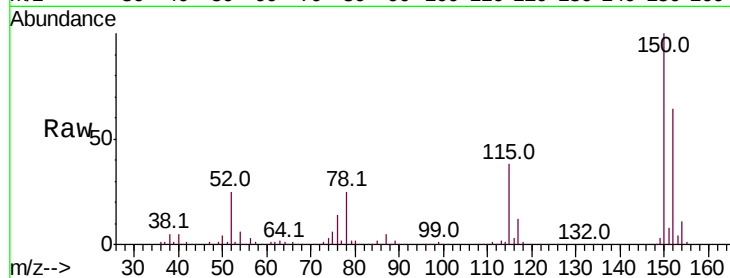
Tot Ion:152 Resp: 203165

Ion Ratio Lower Upper

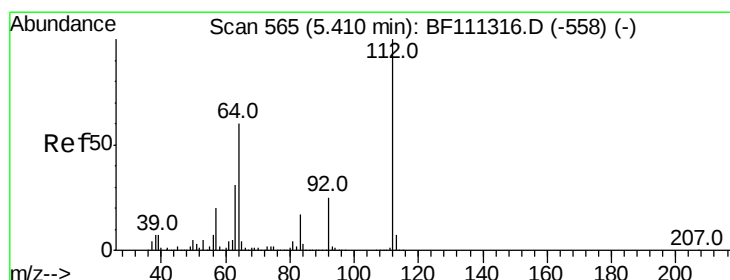
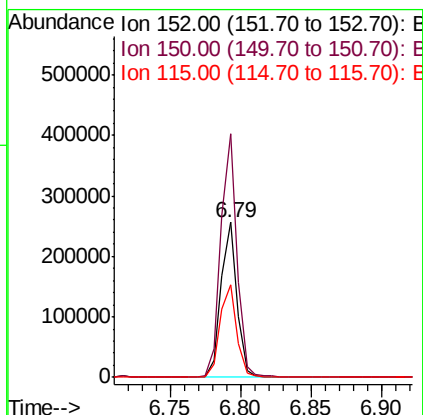
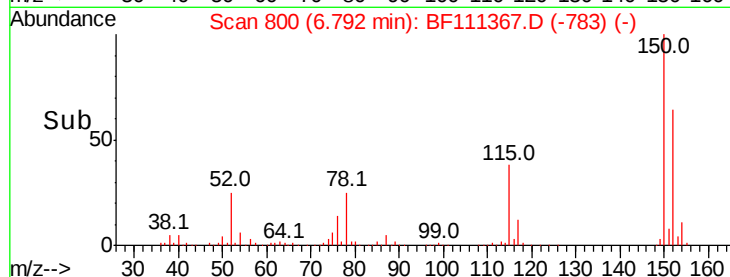
152 100

150 156.9 126.6 189.8

115 59.5 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: 54.599 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF111367.D

Acq: 13 Dec 2018 13:34

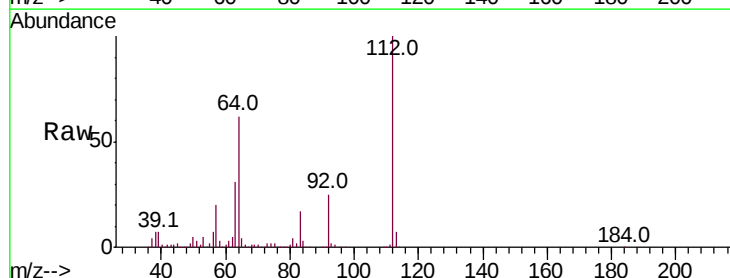
Tgt Ion:112 Resp: 655964

Ion Ratio Lower Upper

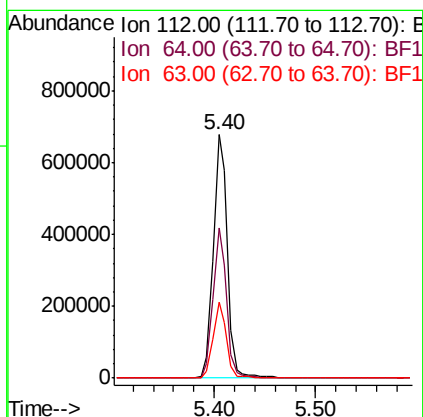
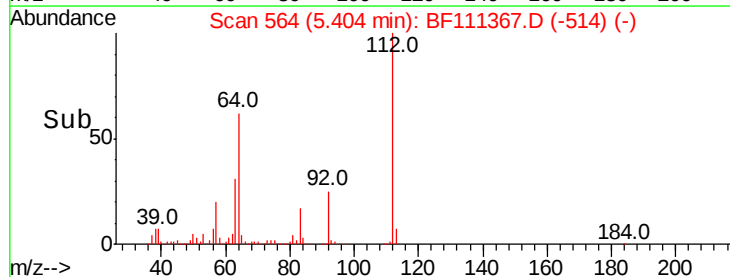
112 100

64 61.6 51.8 77.6

63 31.0 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: 32.528 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111367.D

Acq: 13 Dec 2018 13:34

Instrument :

BNA_F

ClientSampleId :

TW-4

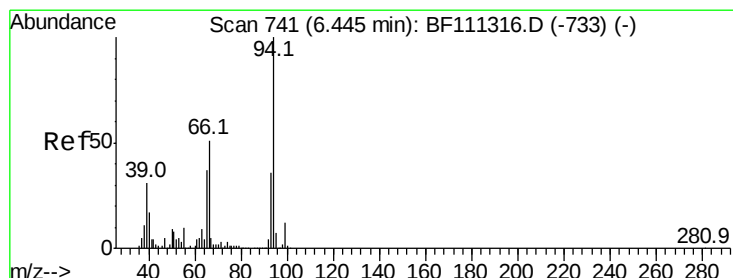
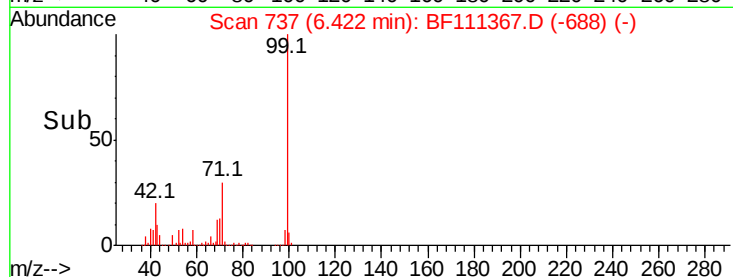
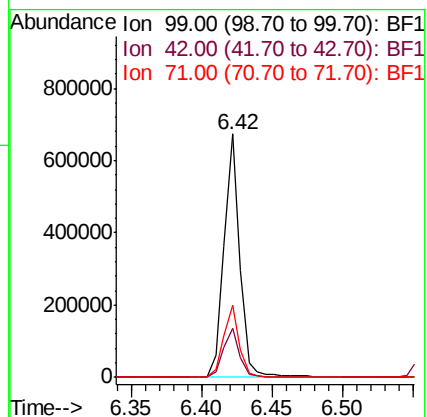
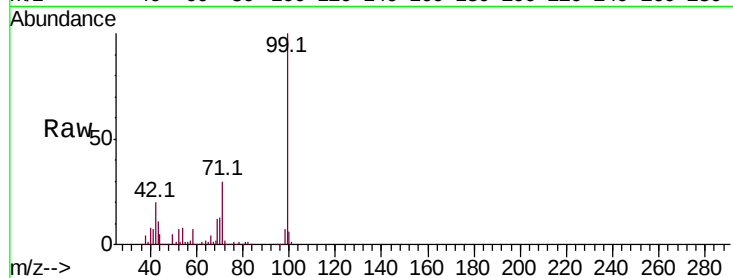
Tot Ion: 99 Resp: 526905

Ion Ratio Lower Upper

99 100

42 20.1 17.4 26.0

71 29.6 26.1 39.1



#10

Phenol

Concen: 2.439 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111367.D

Acq: 13 Dec 2018 13:34

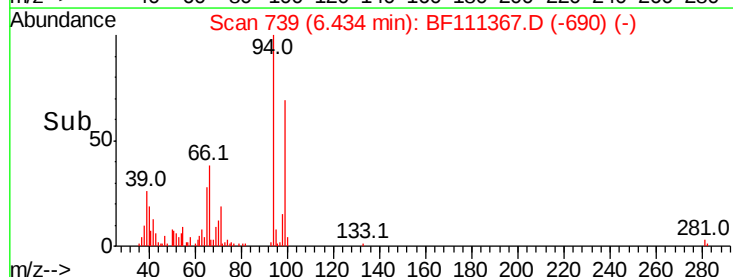
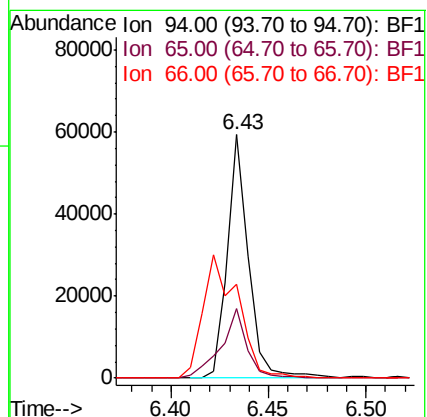
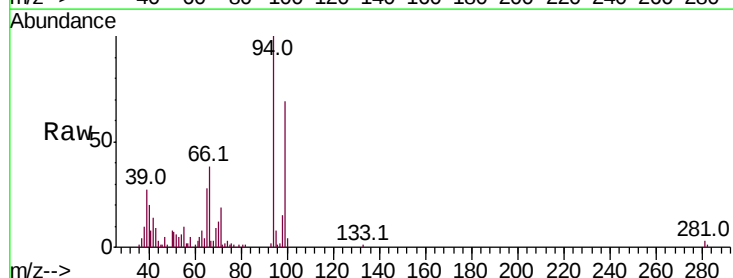
Tgt Ion: 94 Resp: 44753

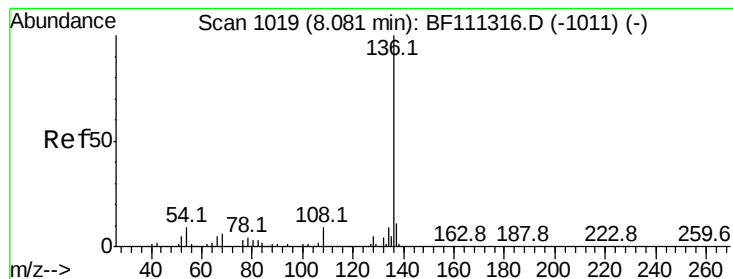
Ion Ratio Lower Upper

94 100

65 28.4 11.7 51.7

66 38.3 21.0 61.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111367.D

Acq: 13 Dec 2018 13:34

Instrument :

BNA_F

ClientSampleId :

TW-4

Tot Ion:136 Resp: 858325

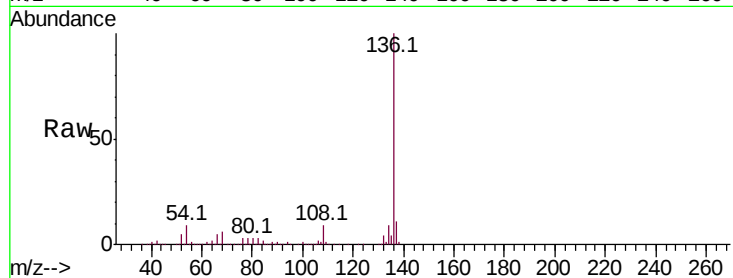
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 8.9 7.7 11.5

68 5.6 4.9 7.3



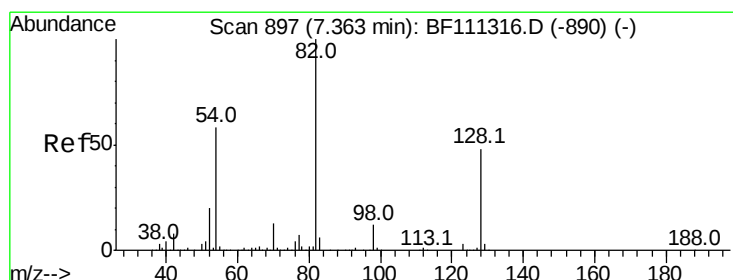
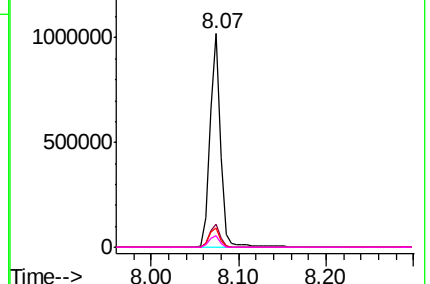
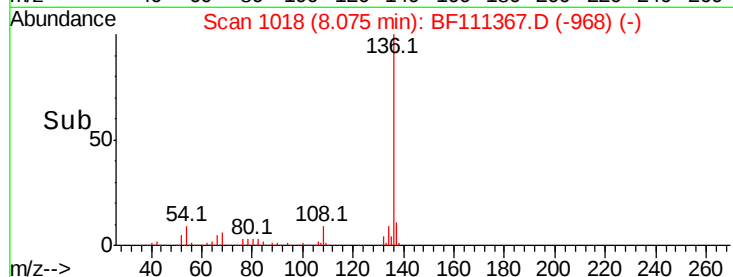
Abundance

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: 72.990 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF111367.D

Acq: 13 Dec 2018 13:34

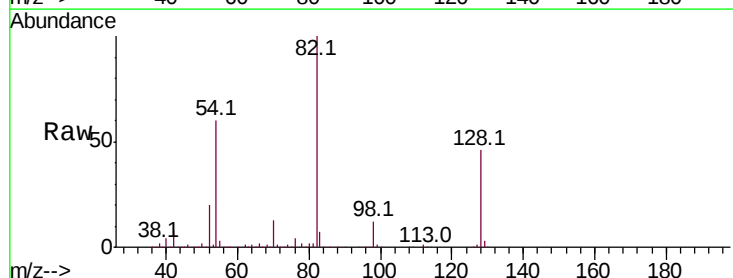
Tgt Ion: 82 Resp: 1111531

Ion Ratio Lower Upper

82 100

128 45.8 37.4 56.2

54 59.9 47.6 71.4

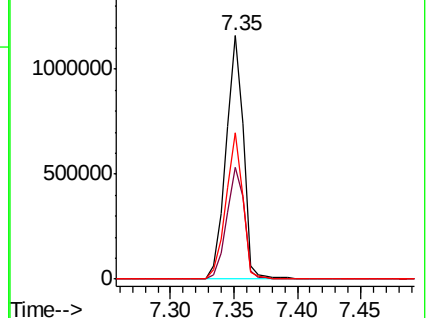
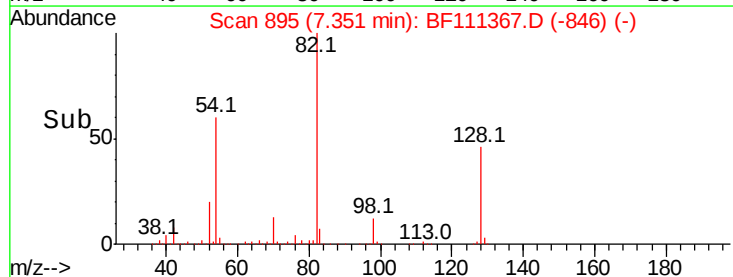


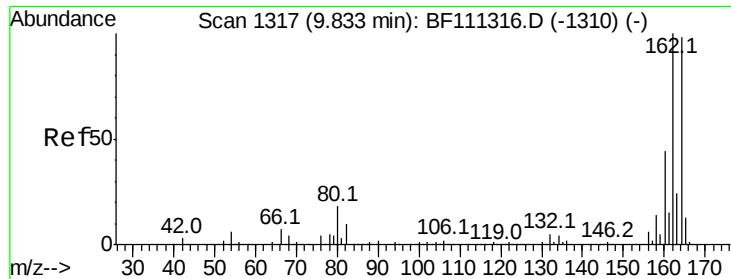
Abundance

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

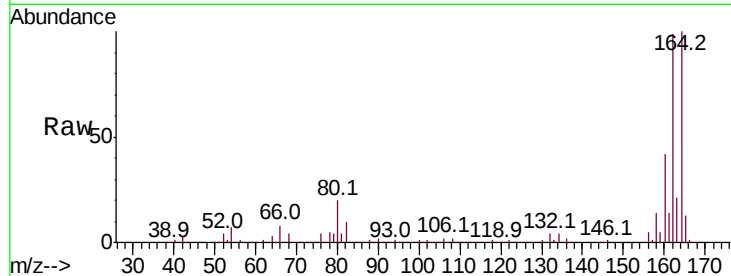




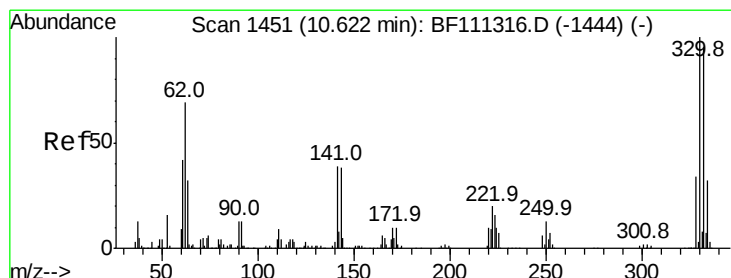
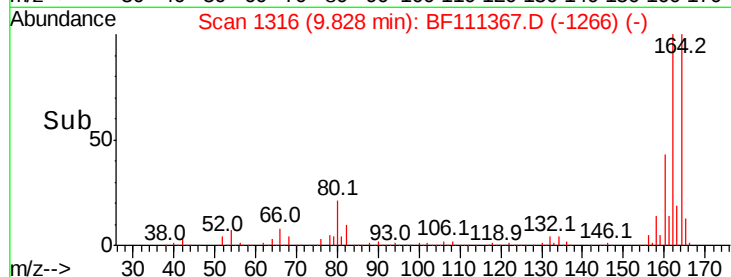
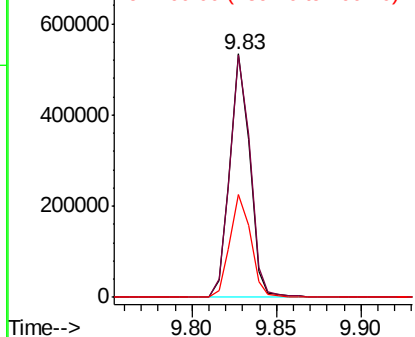
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111367.D
Acq: 13 Dec 2018 13:34

Instrument :
BNA_F
ClientSampleId :
TW-4

Tot Ion:164 Resp: 438735
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 42.4 35.7 53.5

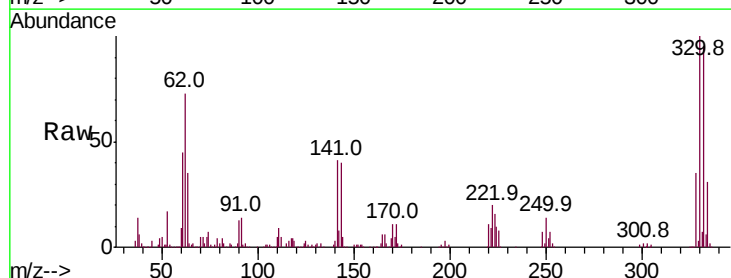


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

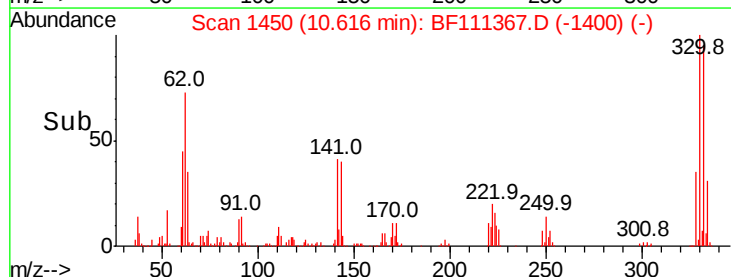
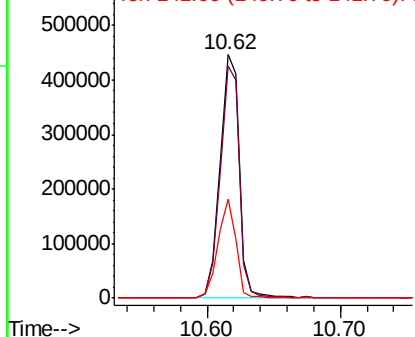


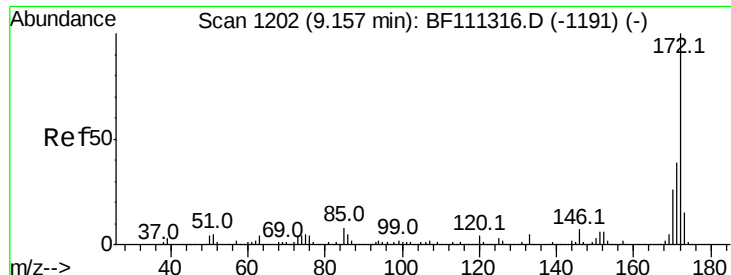
#42
2,4,6-Tribromophenol
Concen: 118.254 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111367.D
Acq: 13 Dec 2018 13:34

Tgt Ion:330 Resp: 457346
Ion Ratio Lower Upper
330 100
332 95.2 76.0 114.0
141 38.3 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



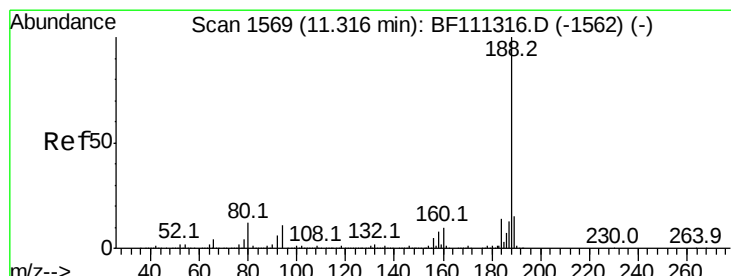
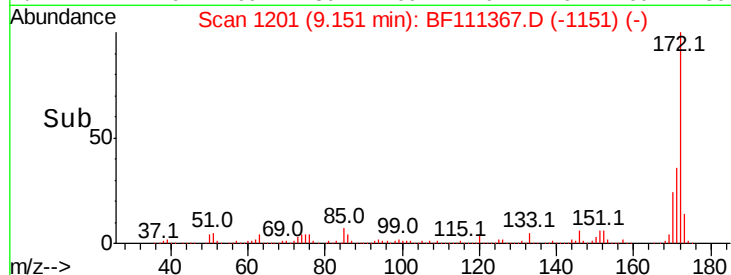
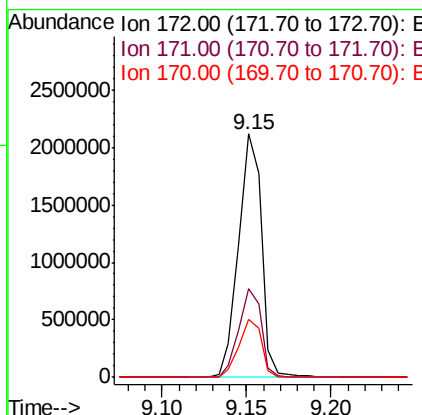
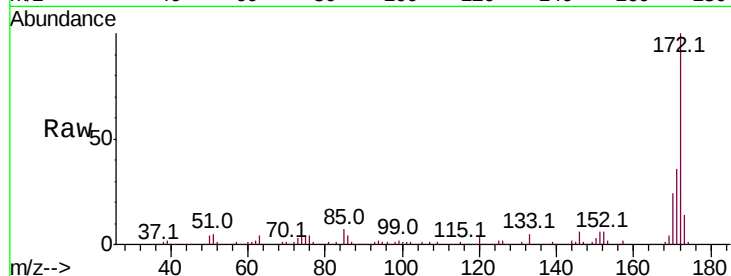


#45
 2-Fluorobiphenyl
 Concen: 73.649 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111367.D
 Acq: 13 Dec 2018 13:34

Instrument :
 BNA_F
 ClientSampleId :
 TW-4

Tot Ion:172 Resp: 2012630

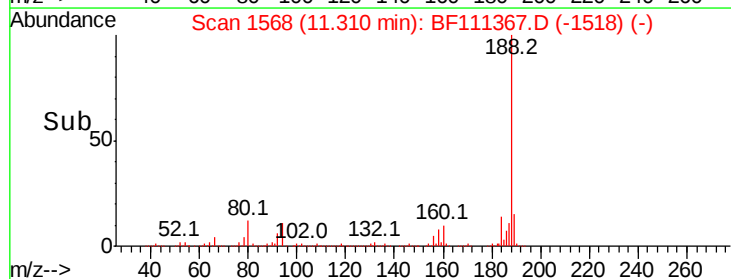
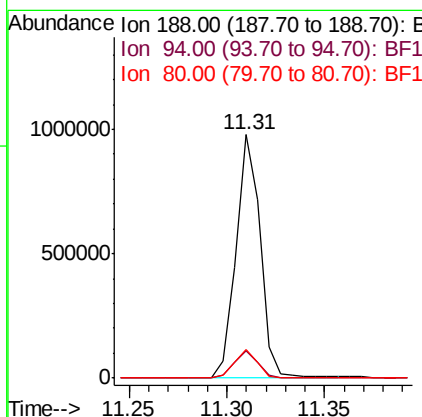
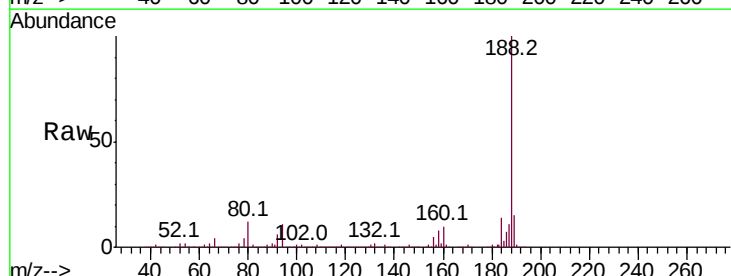
Ion	Ratio	Lower	Upper
172	100		
171	36.3	33.0	49.4
170	23.9	22.3	33.5

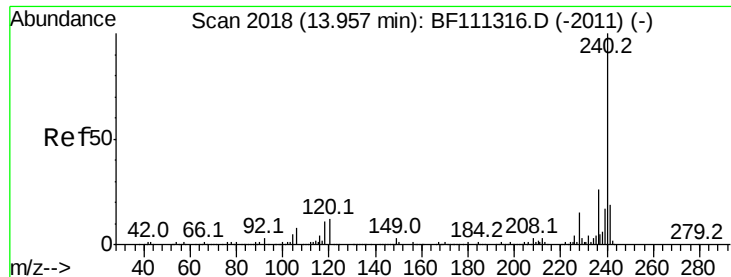


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF111367.D
 Acq: 13 Dec 2018 13:34

Tgt Ion:188 Resp: 844233

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.6	14.4
80	11.6	9.8	14.6

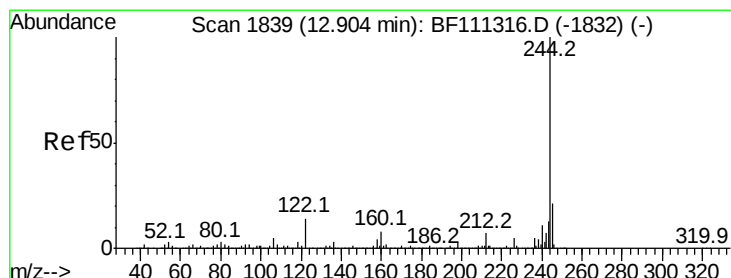
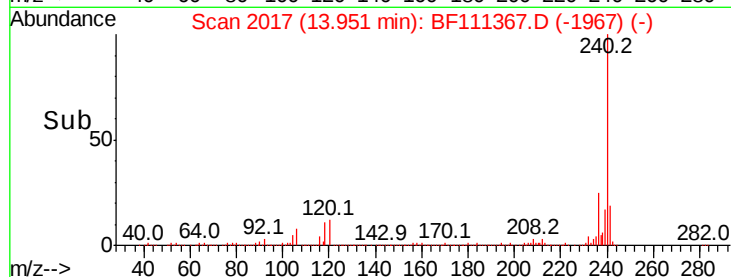
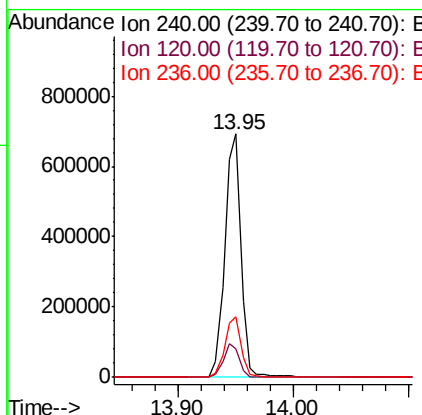
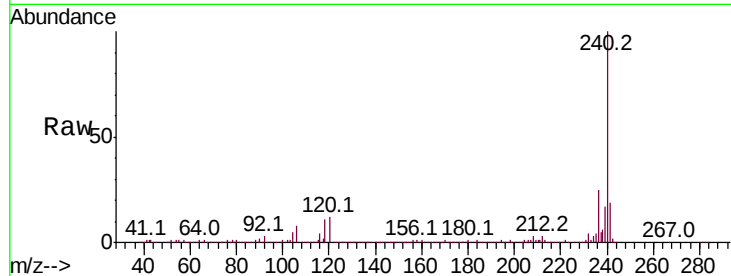




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF111367.D
 Acq: 13 Dec 2018 13:34

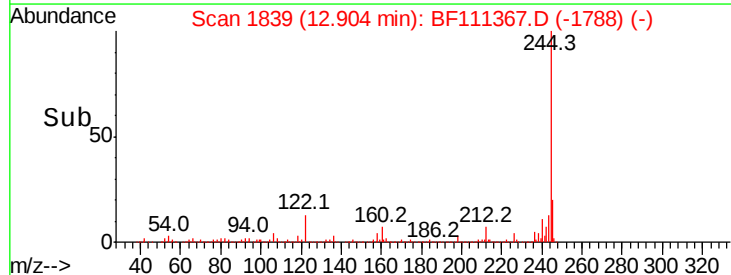
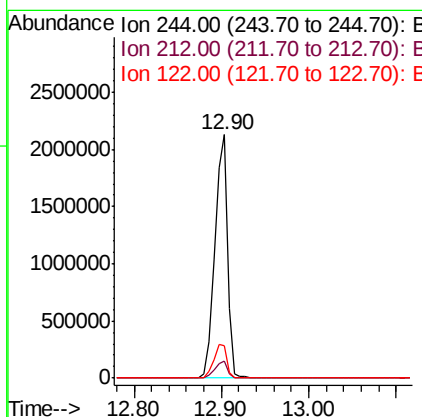
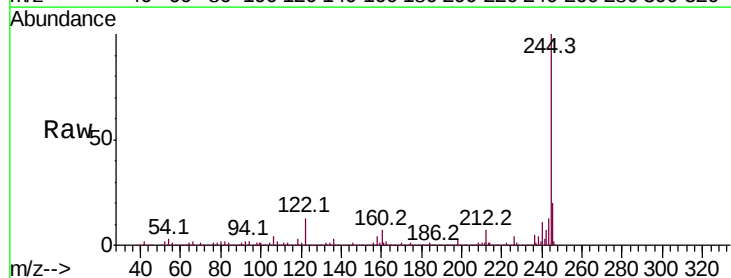
Instrument :
 BNA_F
 ClientSampleID :
 TW-4

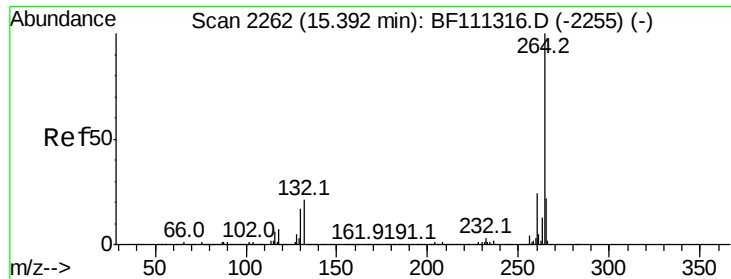
Tot Ion:240 Resp: 671497
 Ion Ratio Lower Upper
 240 100
 120 11.7 12.2 18.2#
 236 25.1 20.2 30.2



#79
 Terphenyl-d14
 Concen: 70.530 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BF111367.D
 Acq: 13 Dec 2018 13:34

Tgt Ion:244 Resp: 2151834
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 13.1 13.1 19.7





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2261
 Delta R.T. -0.01 min
 Lab File: BF111367.D
 Acq: 13 Dec 2018 13:34

Instrument :
 BNA_F
 ClientSampleId :
 TW-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.9	17.7	26.5

