

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111493.D
 Acq On : 16 Dec 2018 4:08
 Operator : JU/SJ
 Sample : J6199-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-121218-A

Quant Time: Dec 17 01:12:30 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

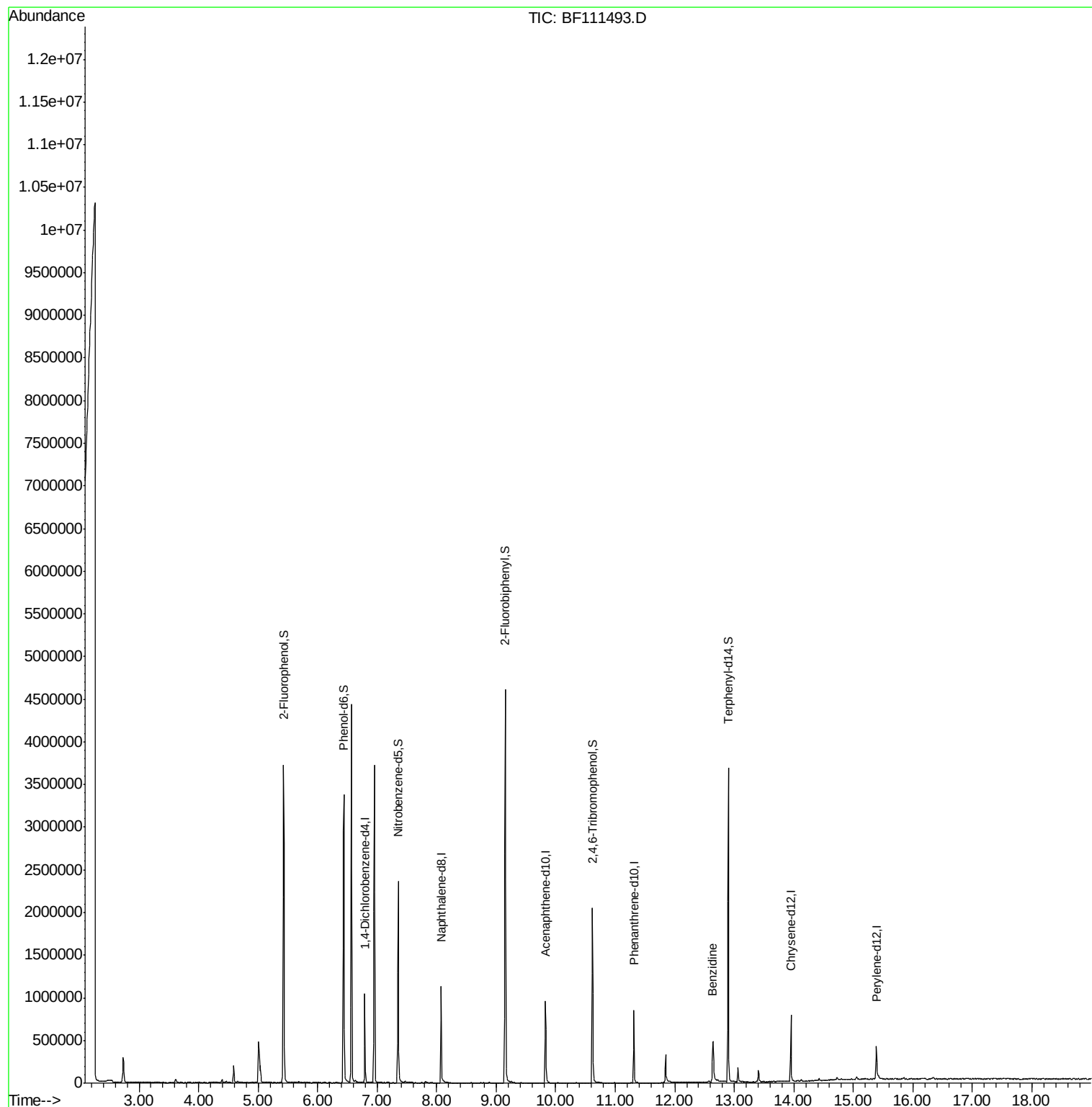
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	140603	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	522181	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	199110	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	309768	20.00	ng	0.00
76) Chrysene-d12	13.95	240	287178	20.00	ng	0.00
87) Perylene-d12	15.39	264	196174	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1023085	121.08	ng	0.01
7) Phenol-d6	6.44	99	1139611	101.40	ng	0.00
23) Nitrobenzene-d5	7.35	82	819014	93.40	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	215706	120.94	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1425731	110.60	ng	0.00
79) Terphenyl-d14	12.90	244	1179516	96.45	ng	0.00
Target Compounds						
77) Benzidine	12.65	184	167291	15.847	ng	Qvalue 97

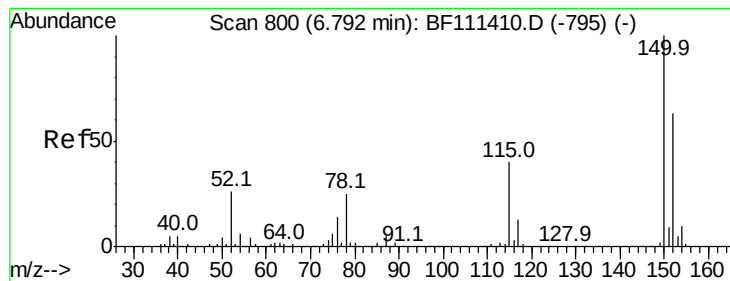
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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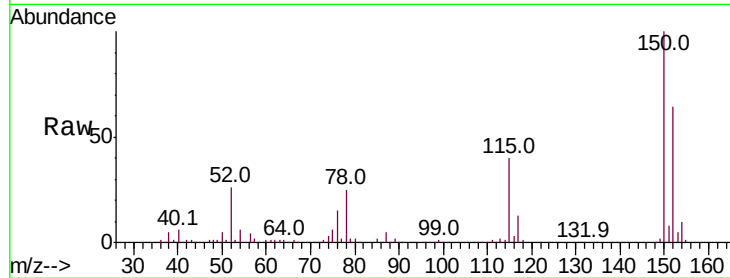


#1

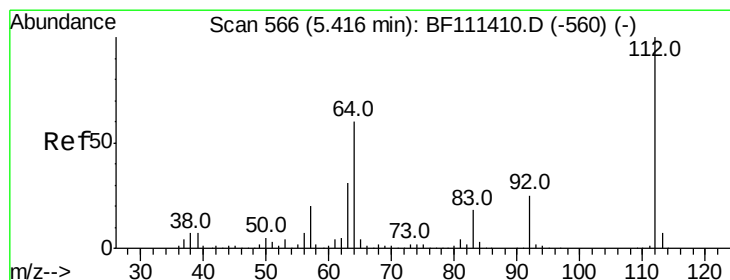
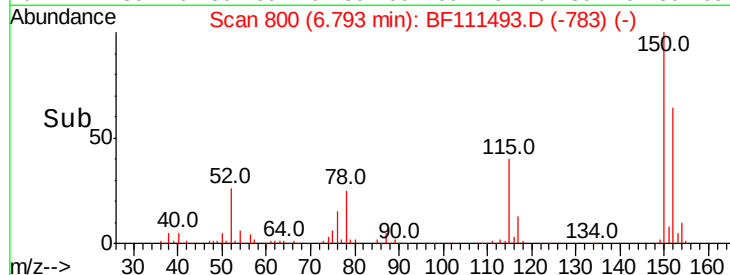
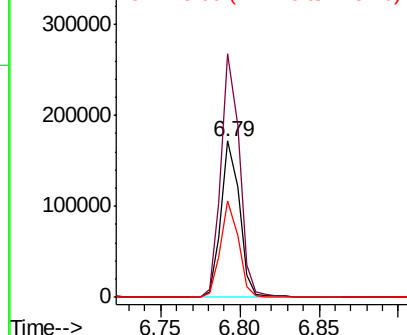
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF111493.D
 Acq: 16 Dec 2018 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-121218-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.6	189.8
115	61.9	50.7	76.1



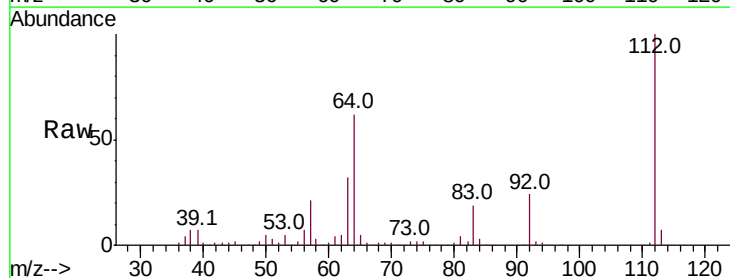
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



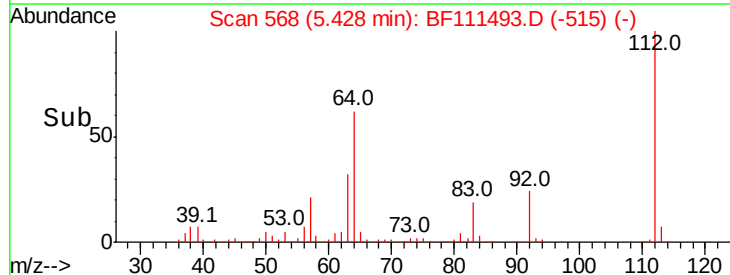
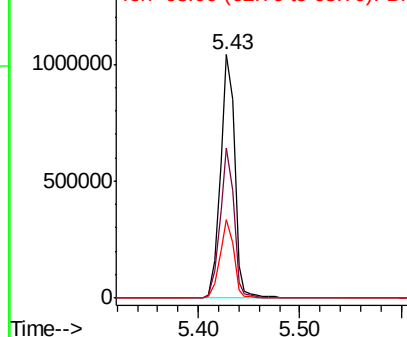
#5

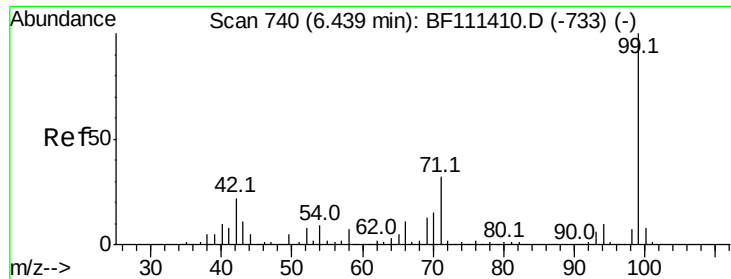
2-Fluorophenol
 Concen: 121.084 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF111493.D
 Acq: 16 Dec 2018 4:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	51.8	77.6
63	32.3	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: 101.396 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111493.D

Acq: 16 Dec 2018 4:08

Instrument :

BNA_F

ClientSampleId :

SU-04-121218-A

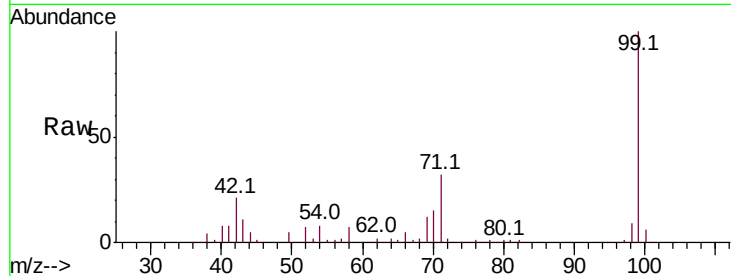
Tot Ion: 99 Resp: 1139611

Ion Ratio Lower Upper

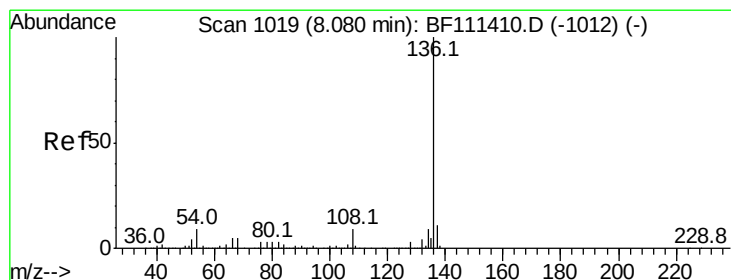
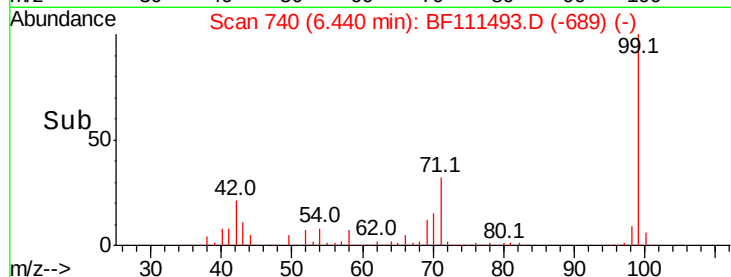
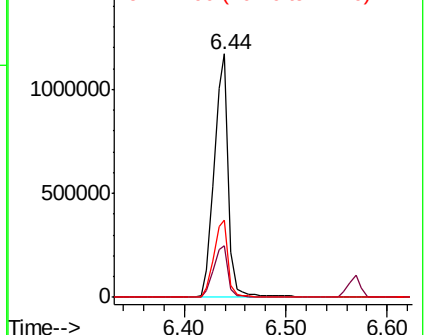
99 100

42 21.1 17.4 26.0

71 31.8 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: BF111493.D

Acq: 16 Dec 2018 4:08

Tgt Ion: 136 Resp: 522181

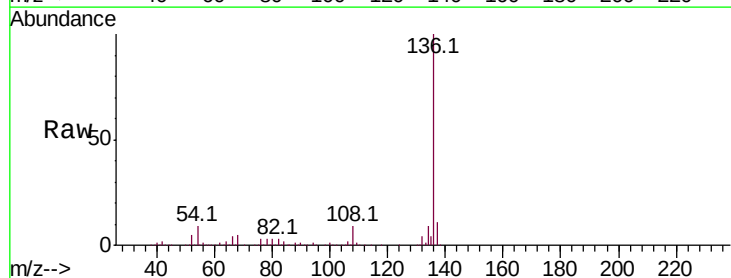
Ion Ratio Lower Upper

136 100

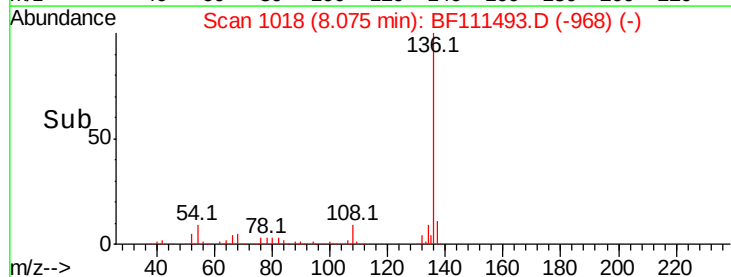
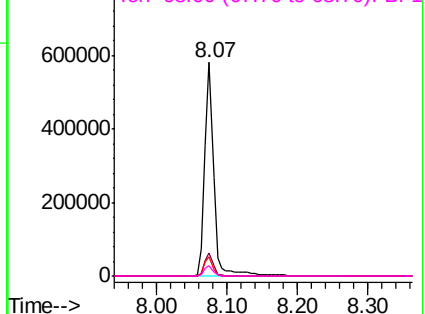
137 11.0 9.1 13.7

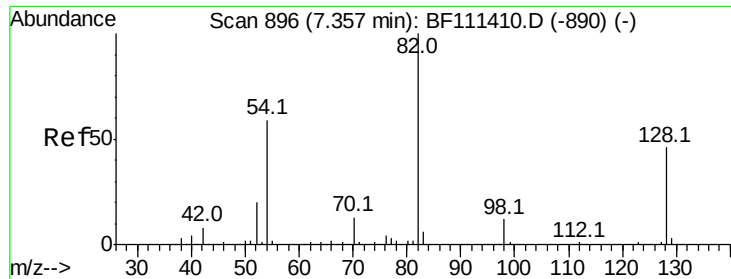
54 8.8 7.7 11.5

68 4.6 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

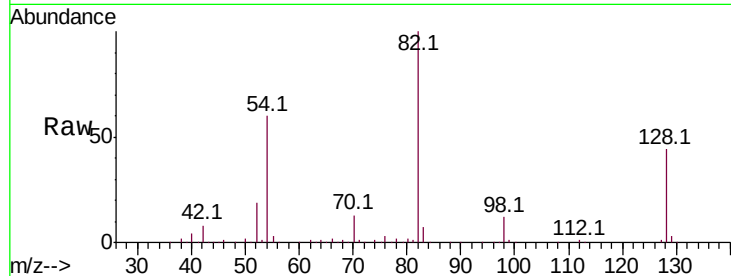




#23
 Nitrobenzene-d5
 Concen: 93.399 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111493.D
 Acq: 16 Dec 2018 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-121218-A

Tot Ion	82	Resp	819014
Ion Ratio	100		
Lower			
Upper			
82	100		
128	44.0	37.4	56.2
54	59.7	47.6	71.4

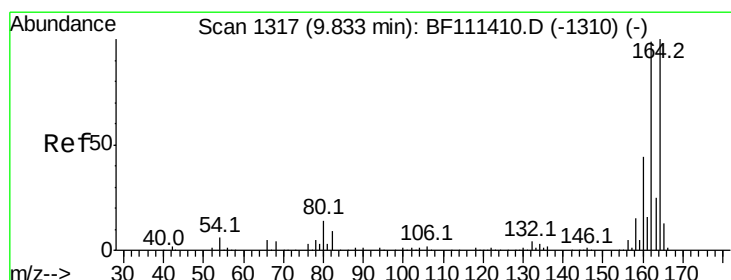
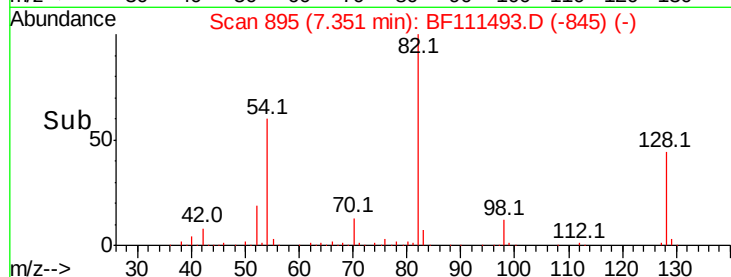
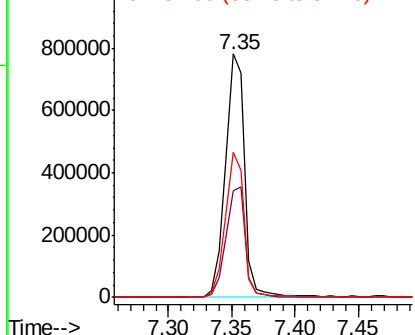


Abundance

Ion 82.00 (81.70 to 82.70): BF1

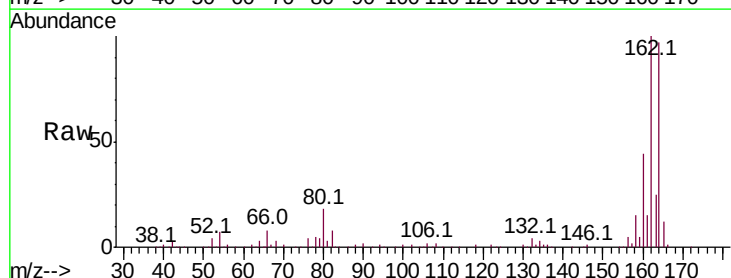
Ion 128.00 (127.70 to 128.70): BF1

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: BF111493.D
 Acq: 16 Dec 2018 4:08

Tgt Ion	164	Resp	199110
Ion Ratio	100		
Lower			
Upper			
164	100		
162	102.7	81.4	122.0
160	45.4	35.7	53.5

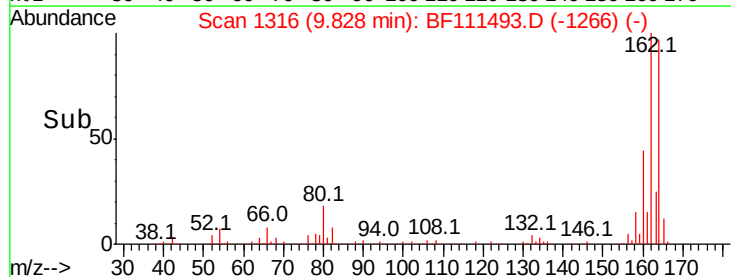
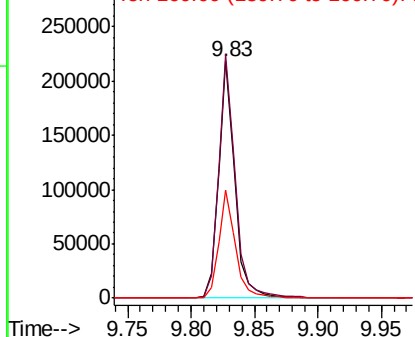


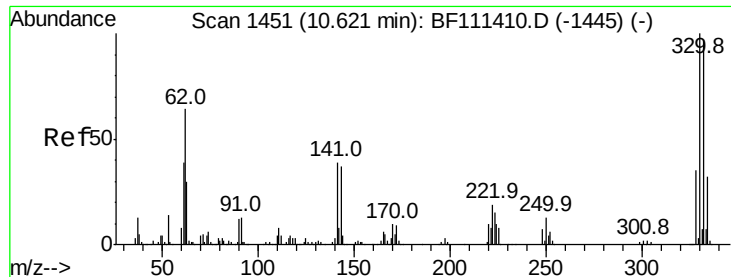
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

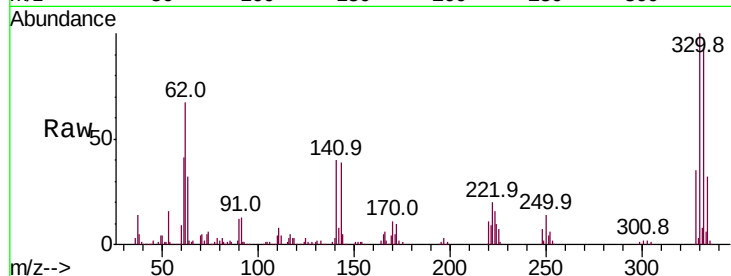




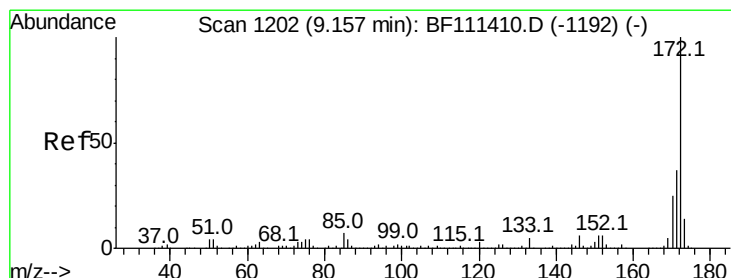
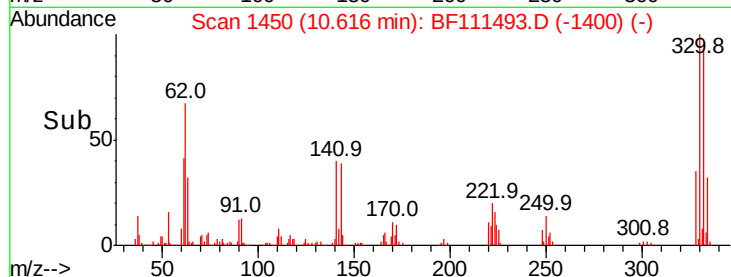
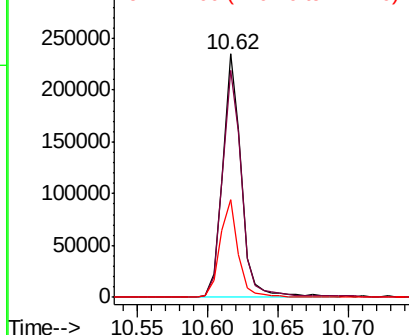
#42
 2,4,6-Tribromophenol
 Concen: 120.938 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111493.D
 Acq: 16 Dec 2018 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-121218-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.0	114.0
141	39.8	31.0	46.6

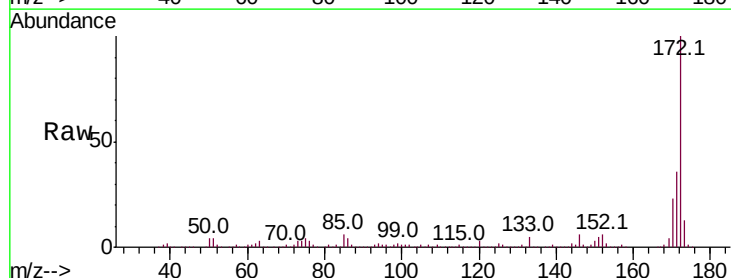


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

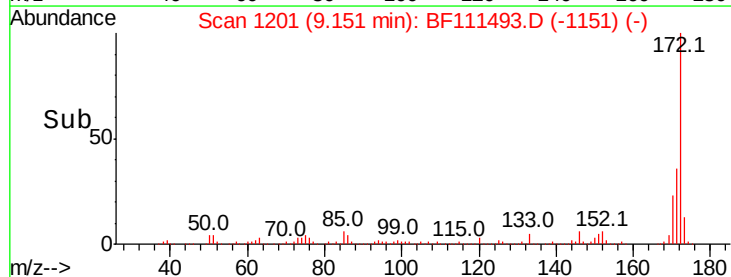
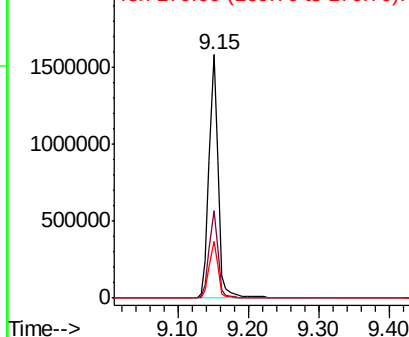


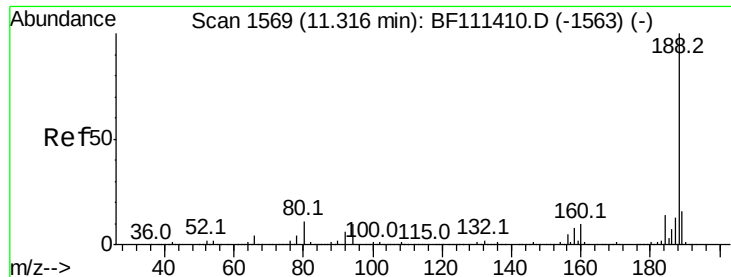
#45
 2-Fluorobiphenyl
 Concen: 110.604 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111493.D
 Acq: 16 Dec 2018 4:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	33.0	49.4
170	23.1	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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111493.D

Acq: 16 Dec 2018 4:08

Instrument :

BNA_F

ClientSampleId :

SU-04-121218-A

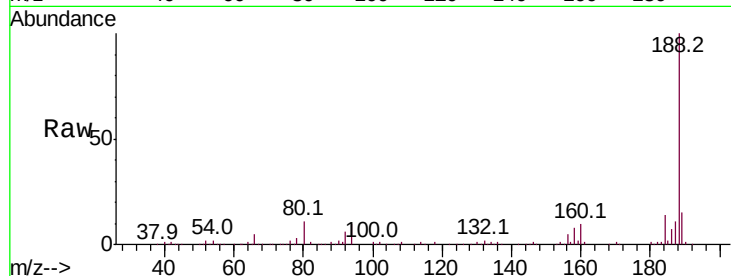
Tot Ion:188 Resp: 309768

Ion Ratio Lower Upper

188 100

94 9.5 9.6 14.4#

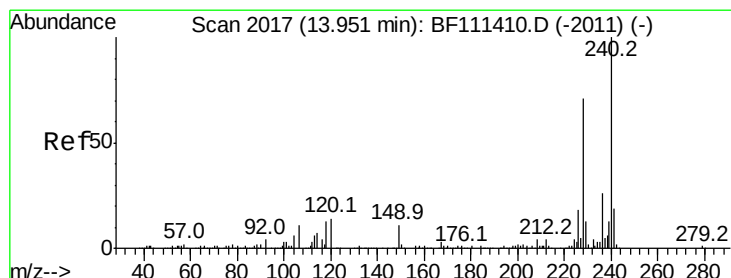
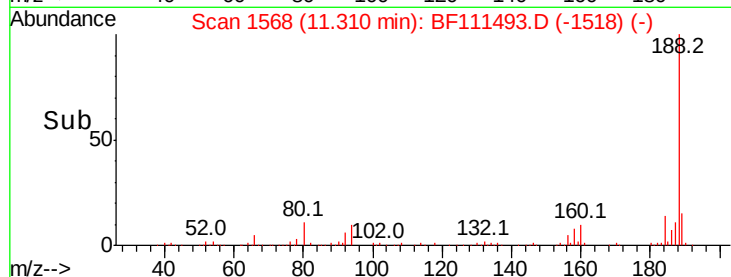
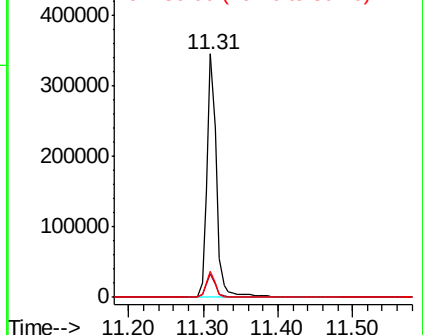
80 10.8 9.8 14.6



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. 0.00 min

Lab File: BF111493.D

Acq: 16 Dec 2018 4:08

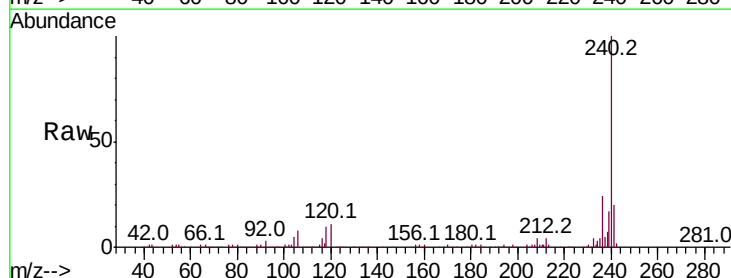
Tgt Ion:240 Resp: 287178

Ion Ratio Lower Upper

240 100

120 11.0 12.2 18.2#

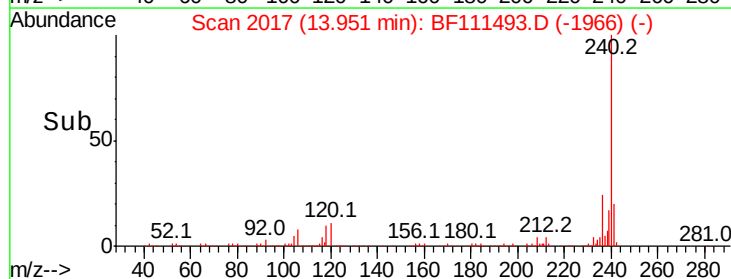
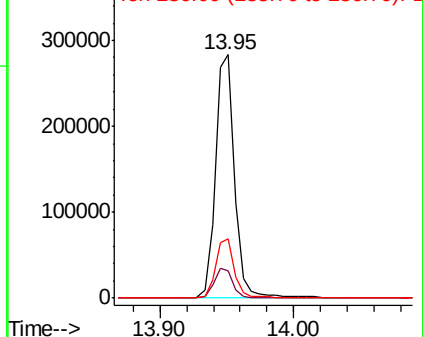
236 24.2 20.2 30.2

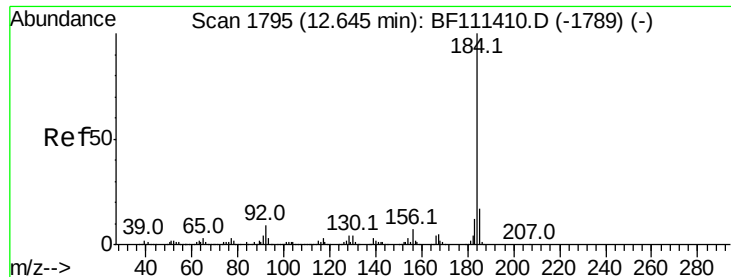


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.847 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111493.D

Acq: 16 Dec 2018 4:08

Instrument :

BNA_F

ClientSampleId :

SU-04-121218-A

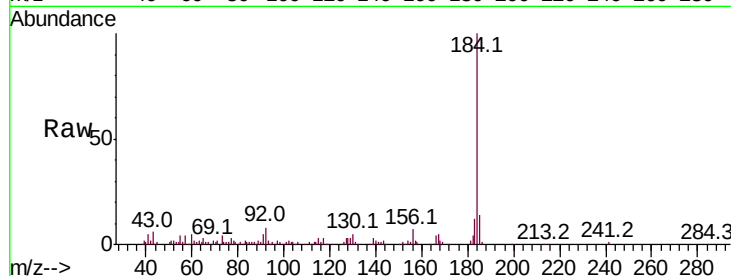
Tot Ion:184 Resp: 167291

Ion Ratio Lower Upper

184 100

185 14.0 13.0 19.6

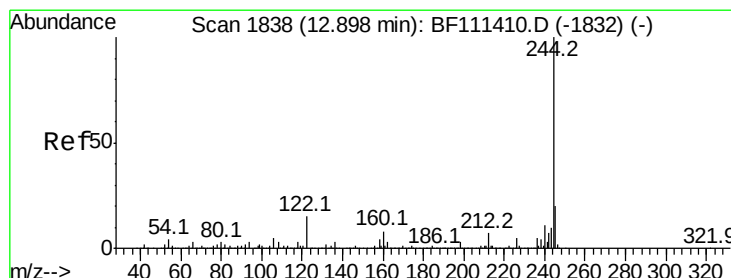
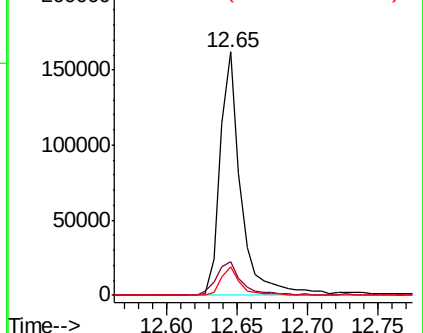
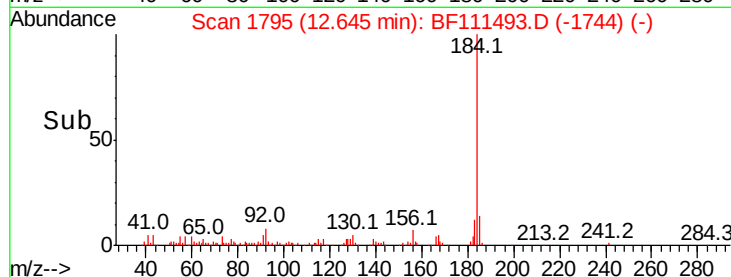
183 11.6 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 96.448 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111493.D

Acq: 16 Dec 2018 4:08

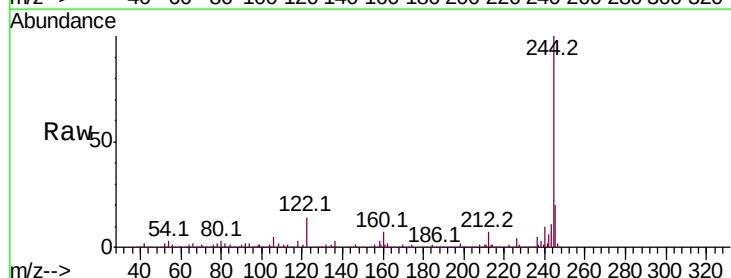
Tgt Ion:244 Resp: 1179516

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

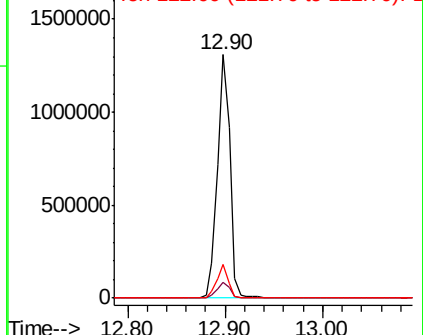
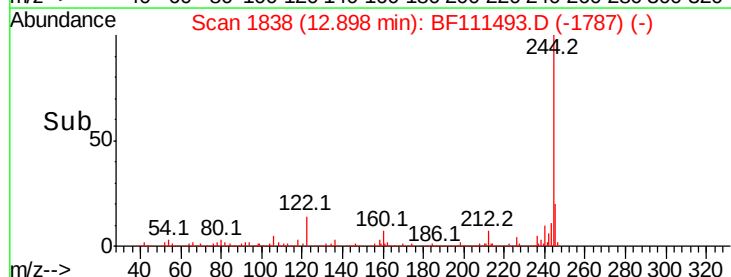
122 13.7 13.1 19.7

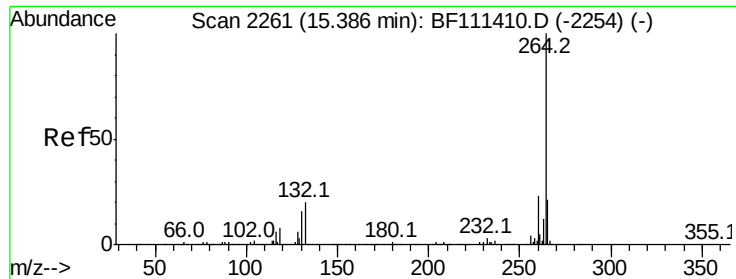


Abundance Ion 244.00 (243.70 to 244.70): E

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. 0.00 min
Lab File: BF111493.D
Acq: 16 Dec 2018 4:08

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.3	27.5
265	22.2	17.7	26.5

