

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115167.D
 Acq On : 25 Jun 2019 00:21
 Operator : HP/JU
 Sample : K3500-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-3(9-10)

Quant Time: Jun 25 08:36:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

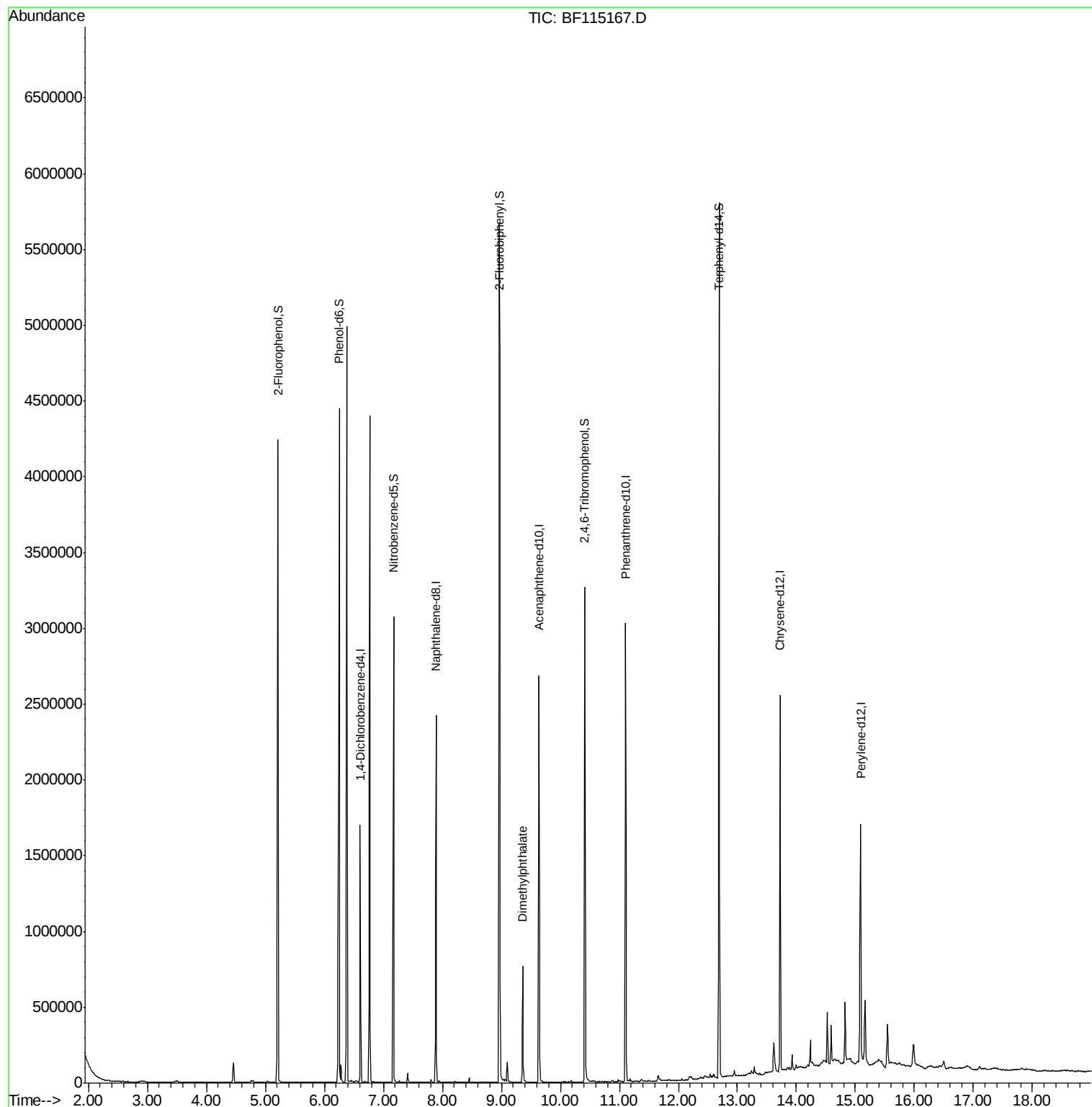
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	266891	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1018130	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	506158	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1018420	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	786043	20.00	ng	-0.02
87) Perylene-d12	15.09	264	667767	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1347425	77.91	ng	0.00
7) Phenol-d6	6.25	99	1676622	79.87	ng	0.00
23) Nitrobenzene-d5	7.17	82	1005001	60.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	422188	79.10	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	1853275	62.19	ng	-0.02
79) Terphenyl-d14	12.69	244	2100001	56.80	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.36	163	303351	8.146	ng	98

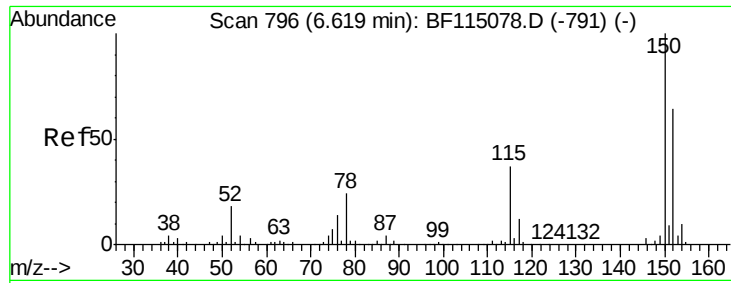
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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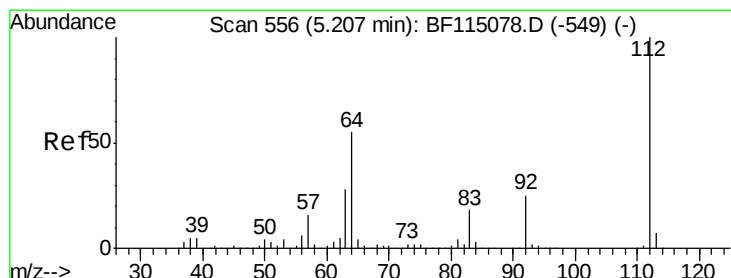
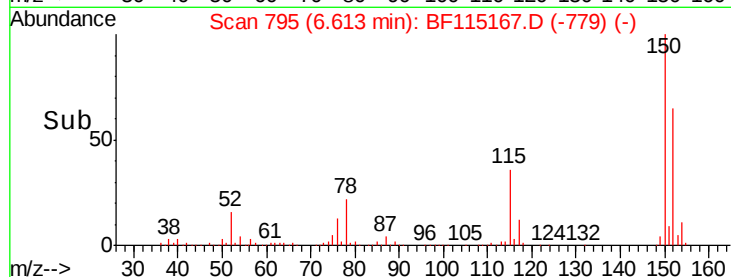
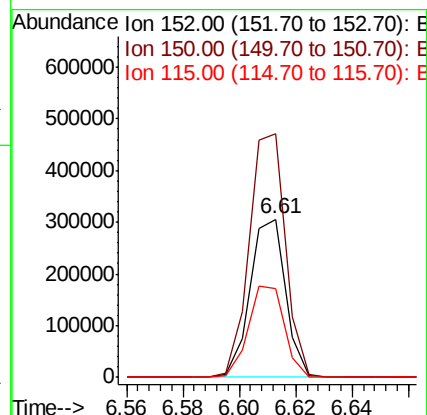
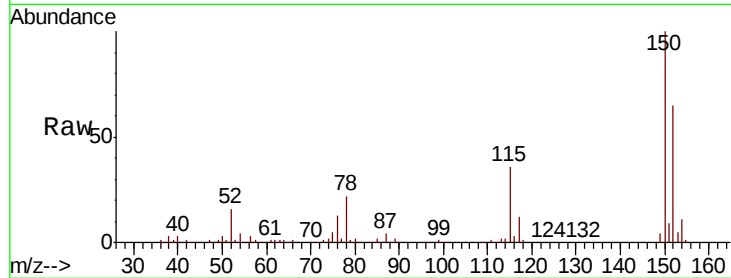


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115167.D
 Acq: 25 Jun 2019 00:21

Instrument :
 BNA_F
 ClientSampleId :
 B-3(9-10)

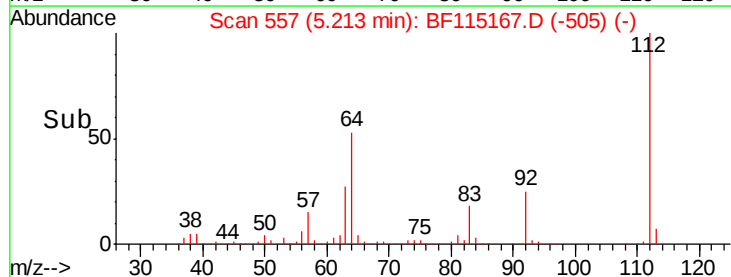
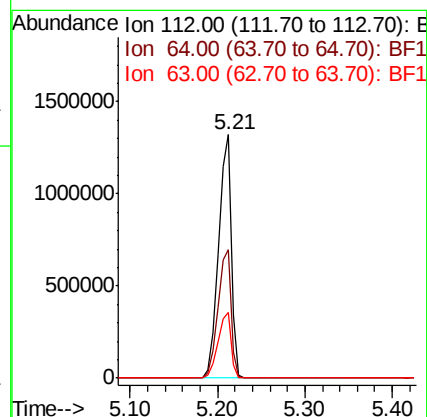
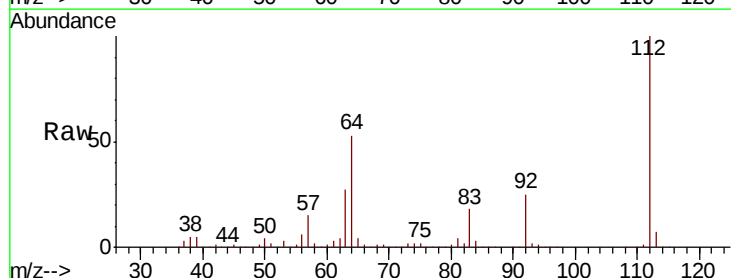
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.2	186.2
115	56.0	46.1	69.1



#5

2-Fluorophenol
 Concen: 77.908 ng
 RT: 5.21 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF115167.D
 Acq: 25 Jun 2019 00:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	43.8	65.6
63	27.2	22.2	33.4





#7

Phenol-d6

Concen: 79.870 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115167.D

Acq: 25 Jun 2019 00:21

Instrument :

BNA_F

ClientSampleId :

B-3(9-10)

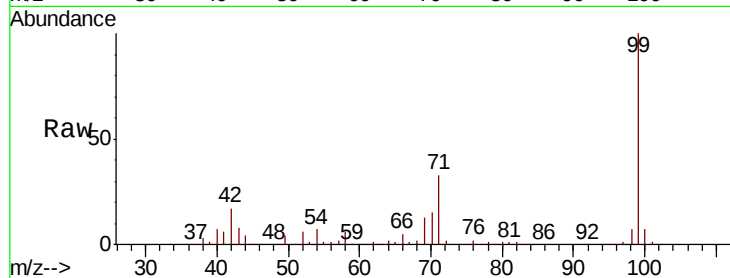
Tot Ion: 99 Resp: 1676622

Ion Ratio Lower Upper

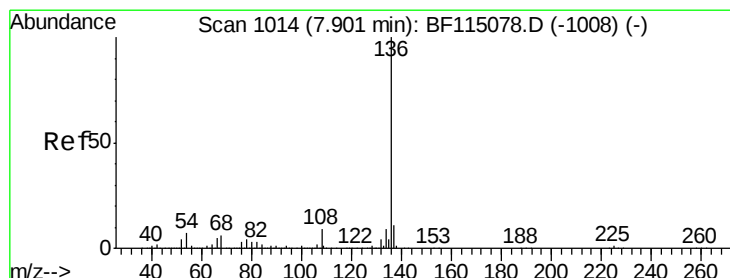
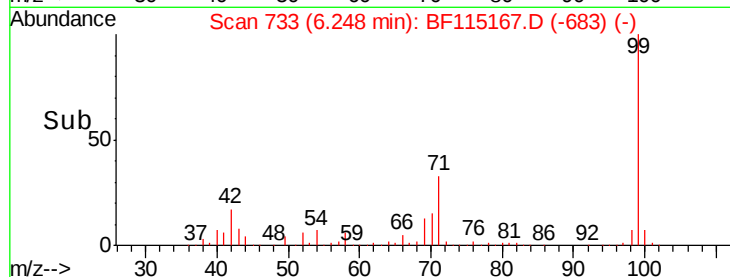
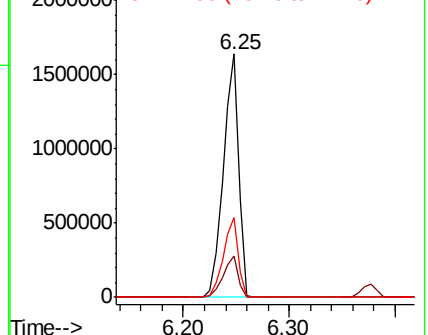
99 100

42 16.9 13.6 20.4

71 32.9 25.5 38.3



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: 7.89 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF115167.D

Acq: 25 Jun 2019 00:21

Tgt Ion:136 Resp: 1018130

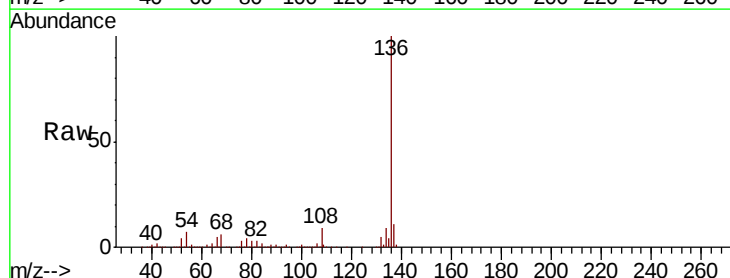
Ion Ratio Lower Upper

136 100

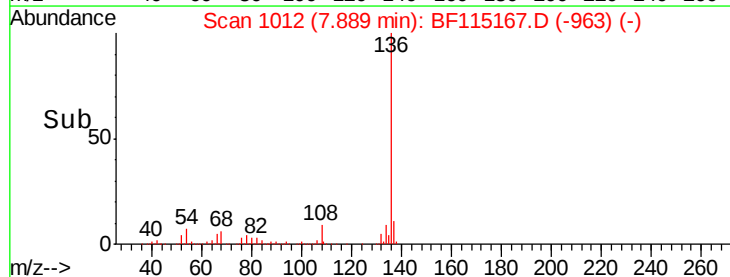
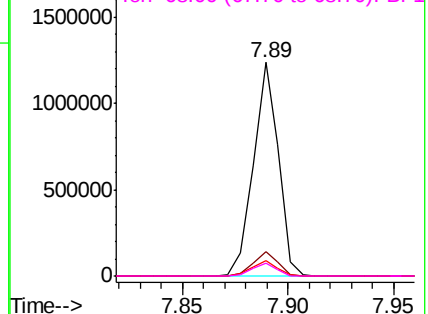
137 11.4 8.9 13.3

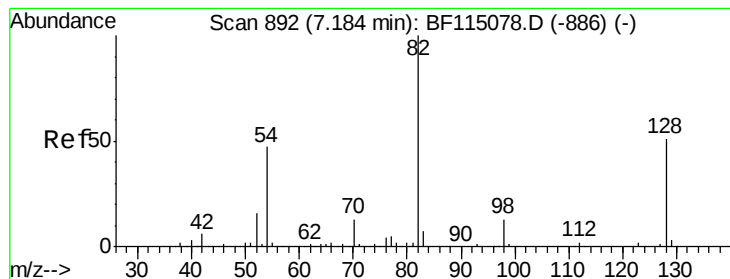
54 7.1 5.6 8.4

68 5.9 4.8 7.2



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: 60.722 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF115167.D

Acq: 25 Jun 2019 00:21

Instrument :

BNA_F

ClientSampleId :

B-3(9-10)

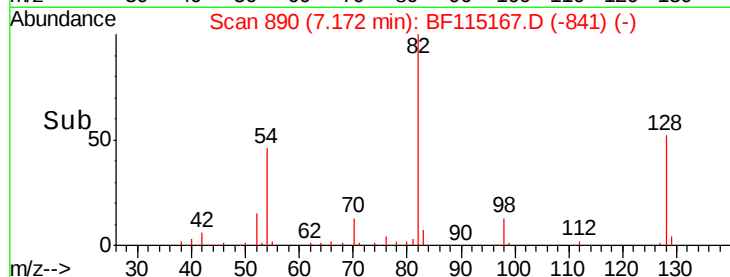
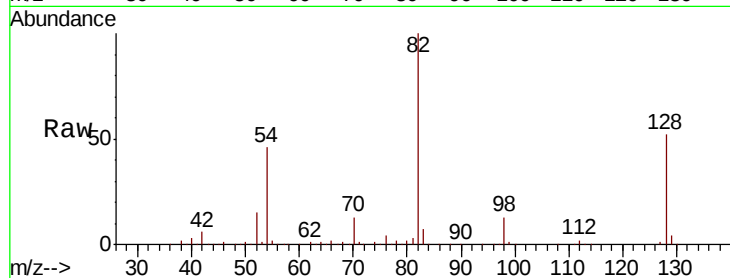
Tot Ion: 82 Resp: 1005001

Ion Ratio Lower Upper

82 100

128 52.0 40.4 60.6

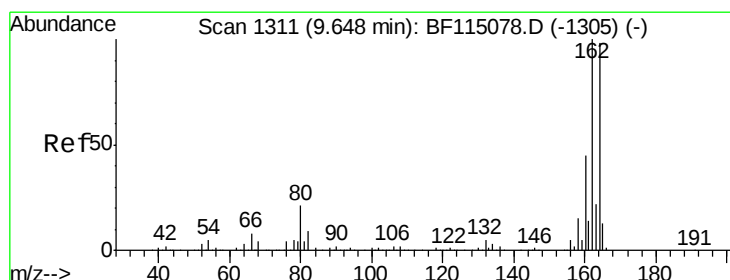
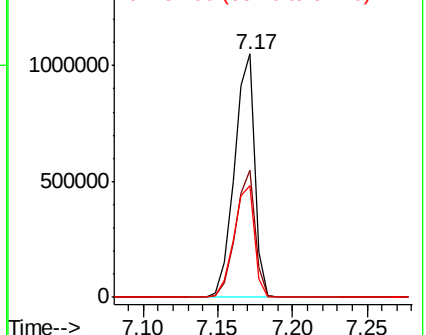
54 45.9 37.5 56.3



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: 9.64 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115167.D

Acq: 25 Jun 2019 00:21

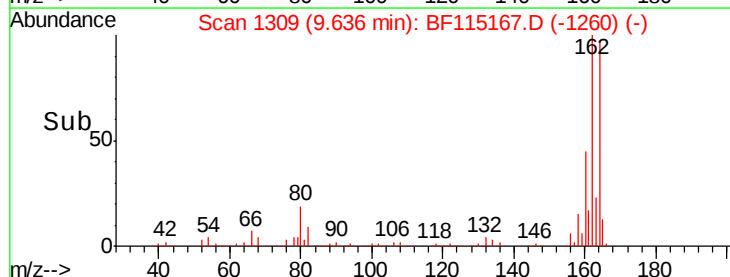
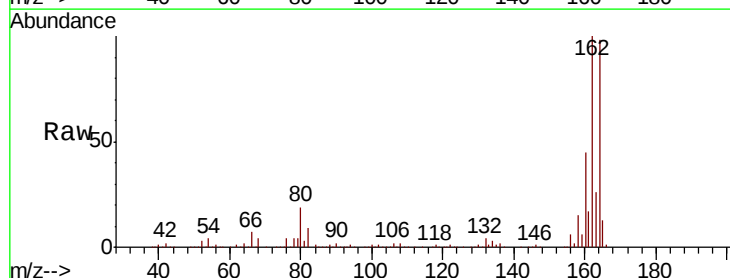
Tgt Ion:164 Resp: 506158

Ion Ratio Lower Upper

164 100

162 102.2 81.7 122.5

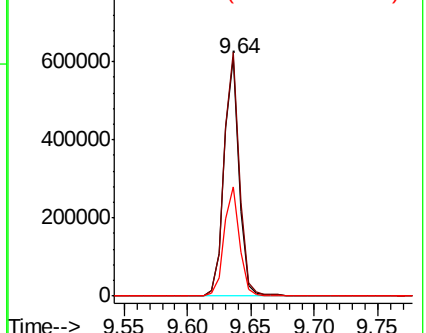
160 45.9 37.0 55.4

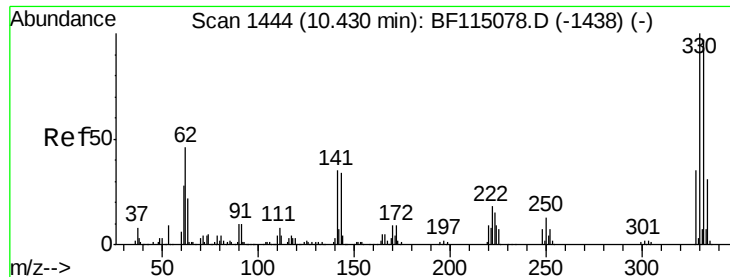


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 79.097 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF115167.D

Acq: 25 Jun 2019 00:21

Instrument :

BNA_F

ClientSampleId :

B-3(9-10)

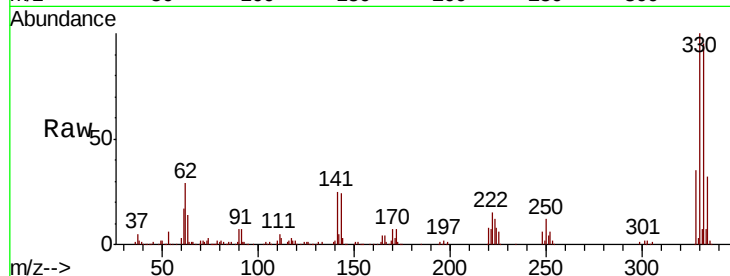
Tot Ion:330 Resp: 422188

Ion Ratio Lower Upper

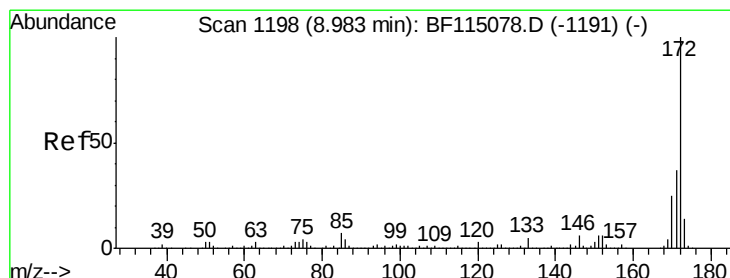
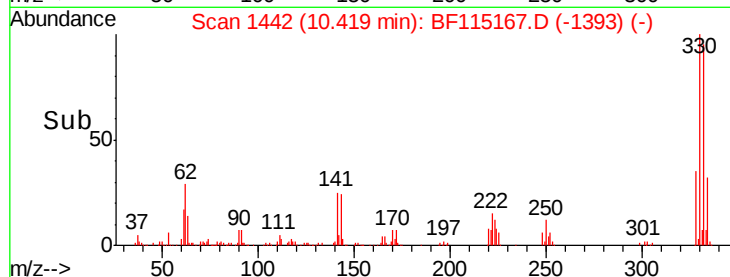
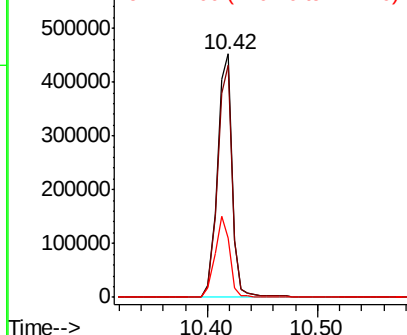
330 100

332 95.4 77.3 115.9

141 32.7 28.2 42.2



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: 62.194 ng

RT: 8.97 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BF115167.D

Acq: 25 Jun 2019 00:21

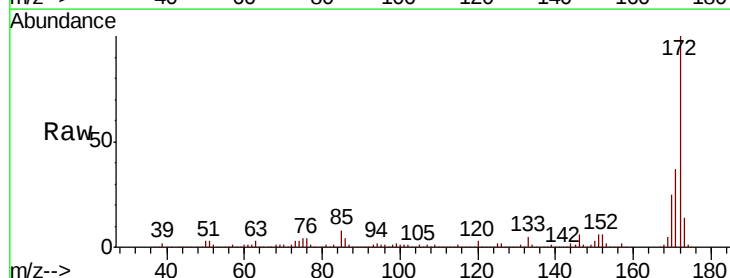
Tgt Ion:172 Resp: 1853275

Ion Ratio Lower Upper

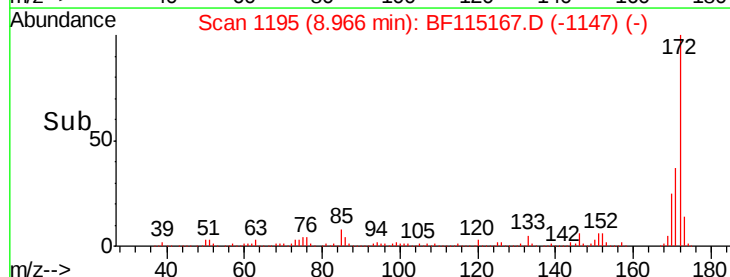
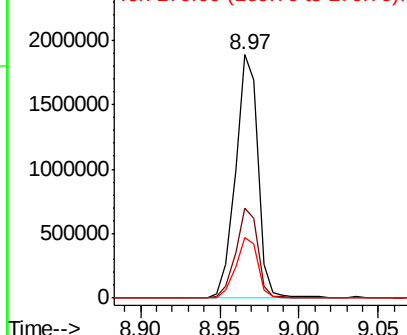
172 100

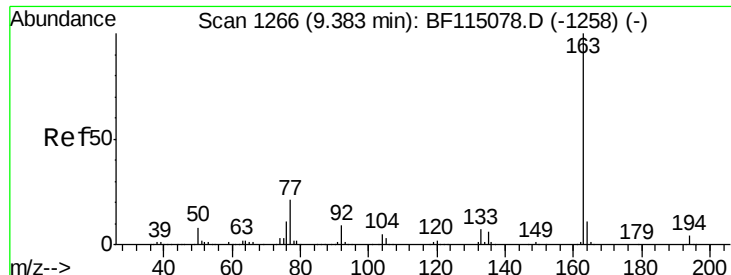
171 36.8 29.8 44.6

170 25.0 20.3 30.5



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

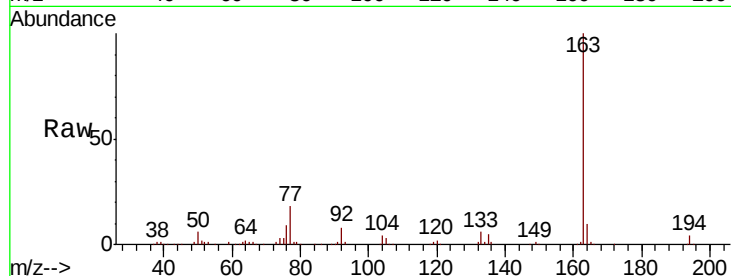




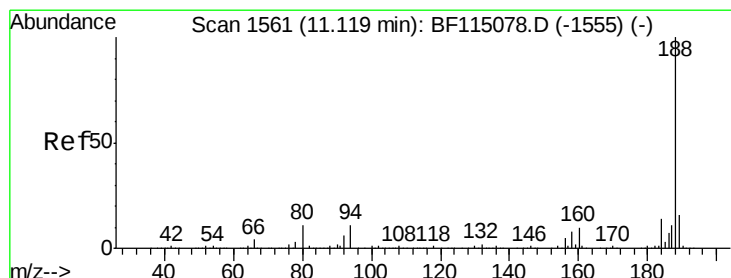
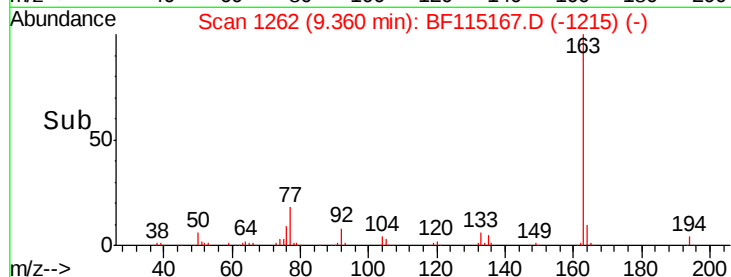
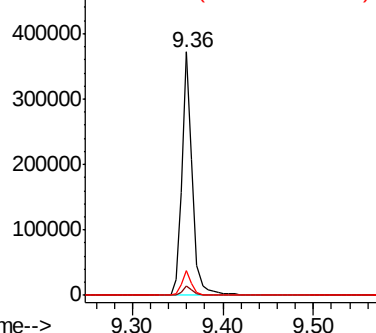
#50
Dimethylphthalate
Concen: 8.146 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115167.D
Acq: 25 Jun 2019 00:21

Instrument :
BNA_F
ClientSampleId :
B-3(9-10)

Tot Ion:163 Resp: 303351
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.0 8.6 13.0

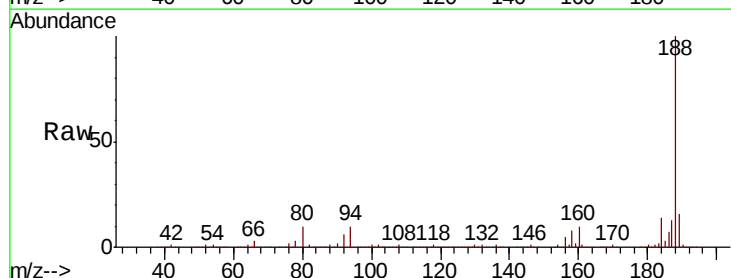


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

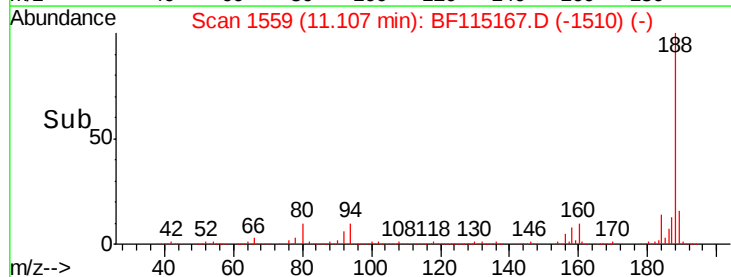
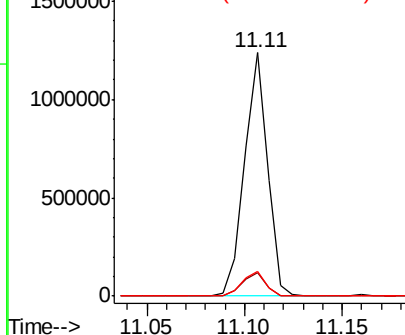


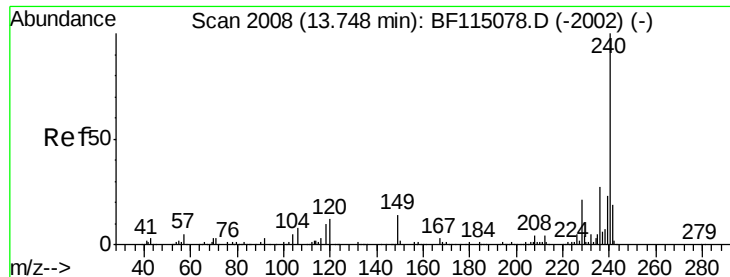
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115167.D
Acq: 25 Jun 2019 00:21

Tgt Ion:188 Resp: 1018420
Ion Ratio Lower Upper
188 100
94 9.5 8.6 12.8
80 10.0 8.8 13.2



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: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF115167.D

Acq: 25 Jun 2019 00:21

Instrument :

BNA_F

ClientSampleId :

B-3(9-10)

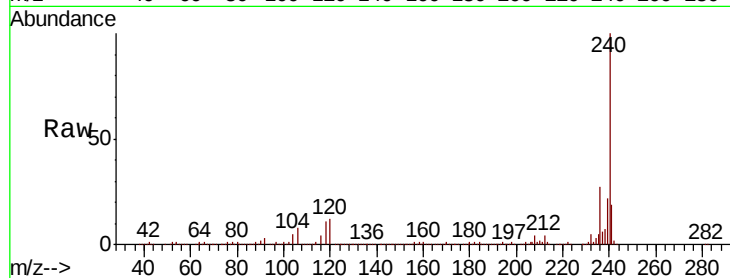
Tot Ion:240 Resp: 786043

Ion Ratio Lower Upper

240 100

120 11.9 9.4 14.2

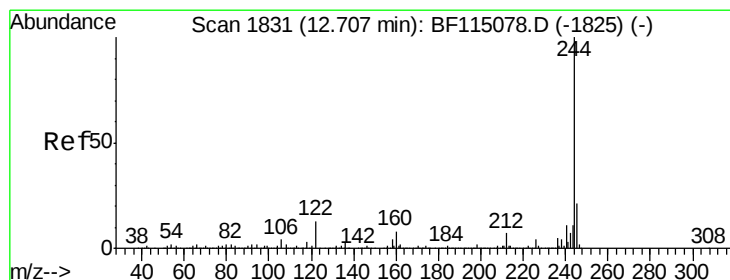
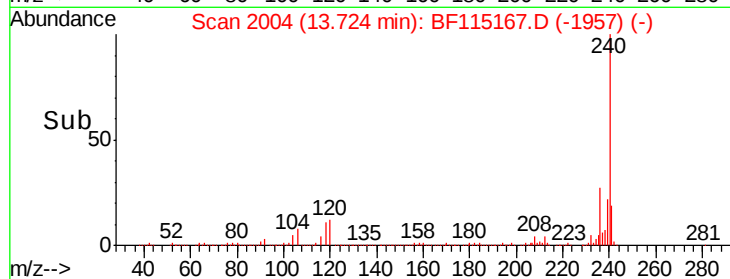
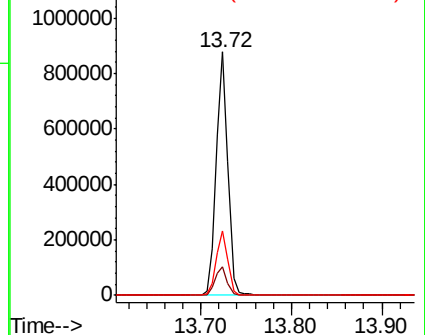
236 26.6 21.7 32.5



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: 56.803 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115167.D

Acq: 25 Jun 2019 00:21

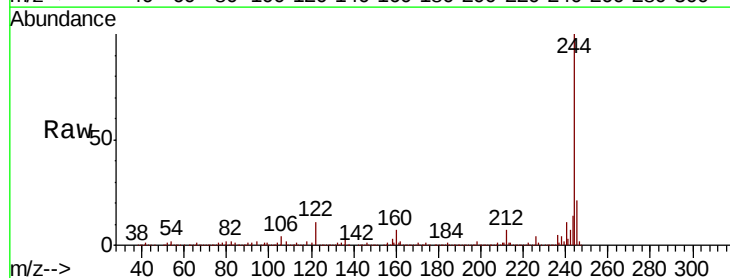
Tgt Ion:244 Resp: 2100001

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

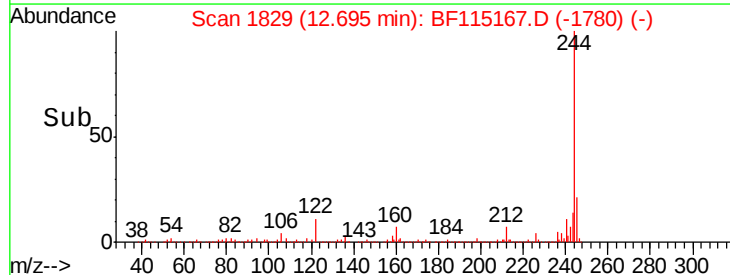
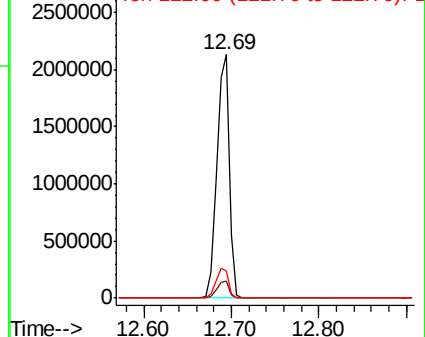
122 11.2 10.4 15.6

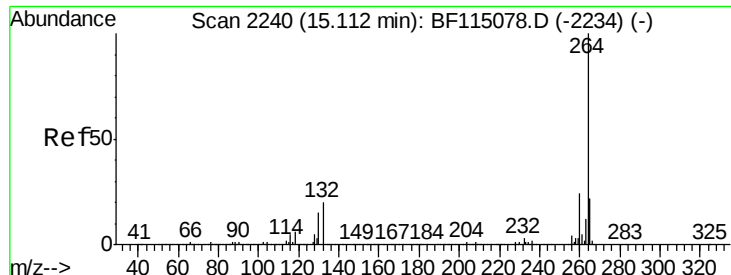


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

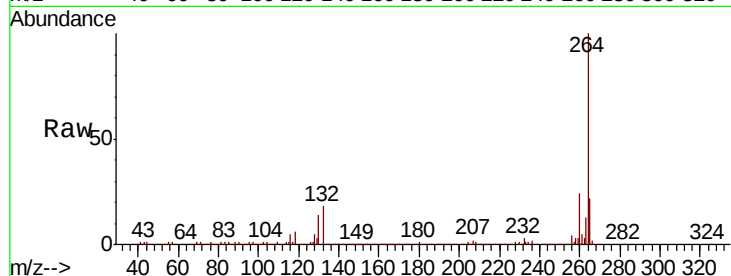




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.09 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF115167.D
 Acq: 25 Jun 2019 00:21

Instrument :
 BNA_F
 ClientSampleId :
 B-3(9-10)

Tot Ion:	264	Resp:	667767
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	22.0	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 800000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

