

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
 Data File : BF115213.D
 Acq On : 26 Jun 2019 11:08
 Operator : HP/JU
 Sample : K3482-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Jun 26 12:46:14 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

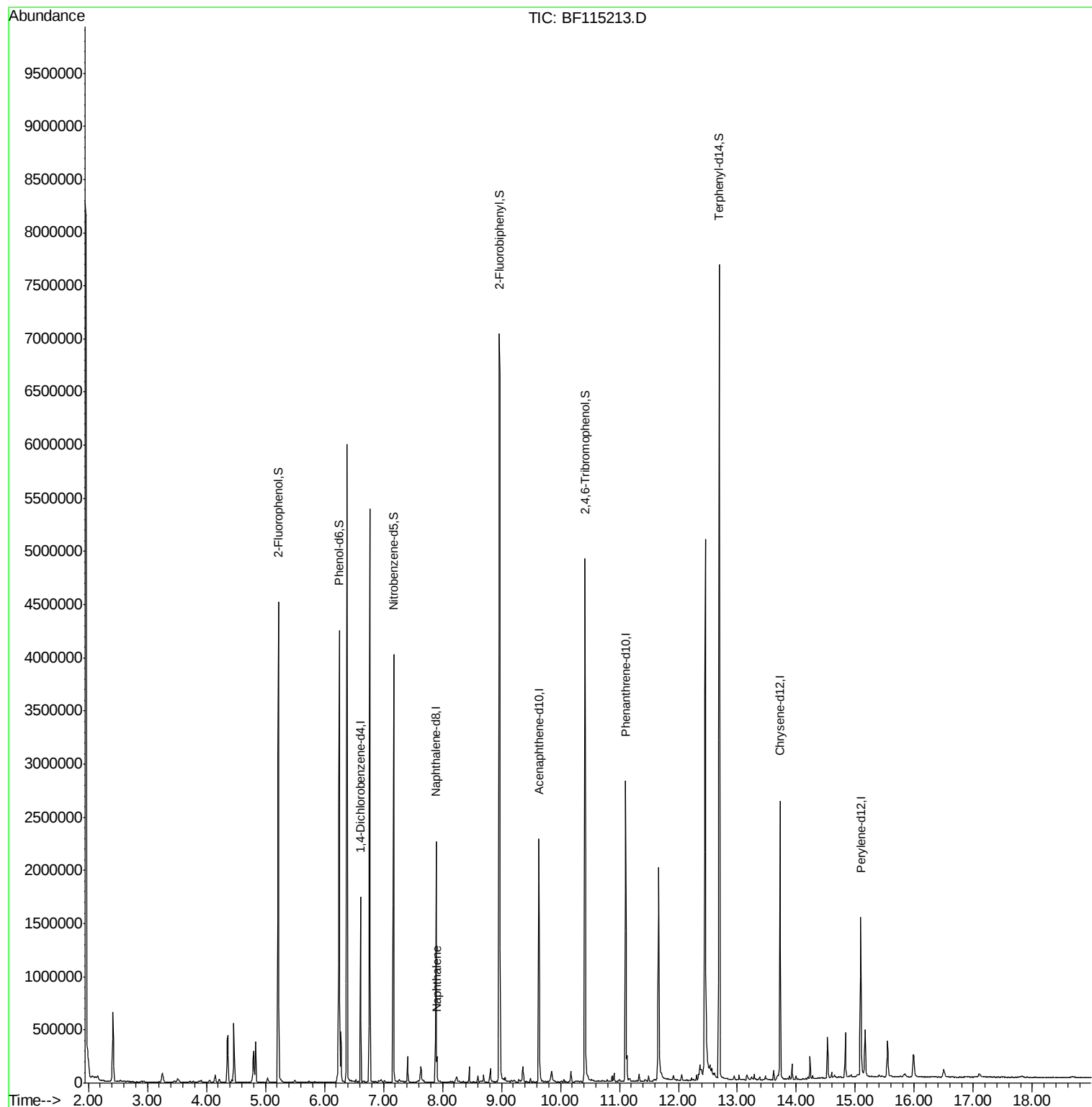
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	255746	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	953403	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	482477	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	960737	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	800139	20.00	ng	-0.02
87) Perylene-d12	15.09	264	730108	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1636165	98.73	ng	0.02
7) Phenol-d6	6.25	99	1751718	87.08	ng	0.00
23) Nitrobenzene-d5	7.17	82	1447520	93.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	697700	137.13	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2626935	92.48	ng	-0.01
79) Terphenyl-d14	12.69	244	3087905	82.05	ng	-0.01
Target Compounds						
31) Naphthalene	7.91	128	99344	2.123	ng	Qvalue 98

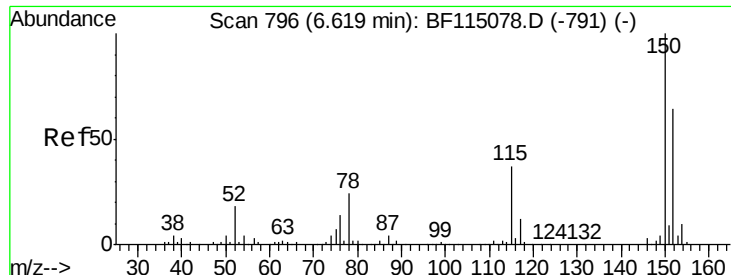
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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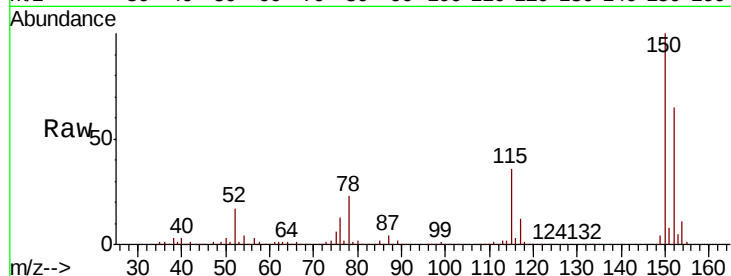


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.2	186.2
115	55.9	46.1	69.1

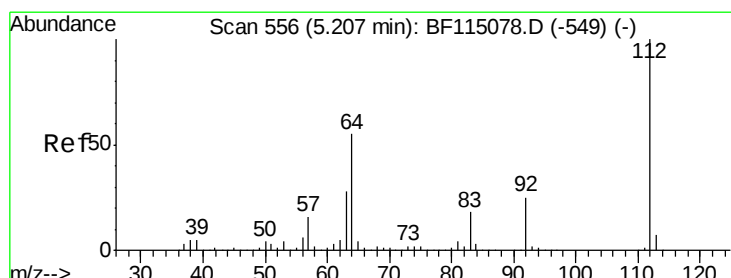
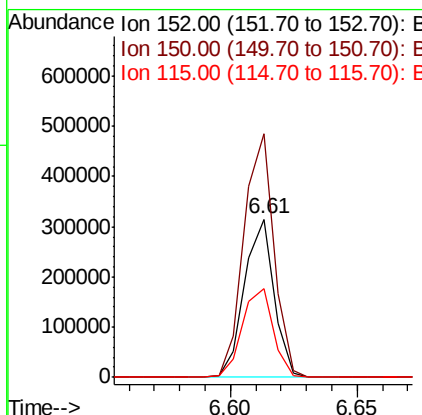
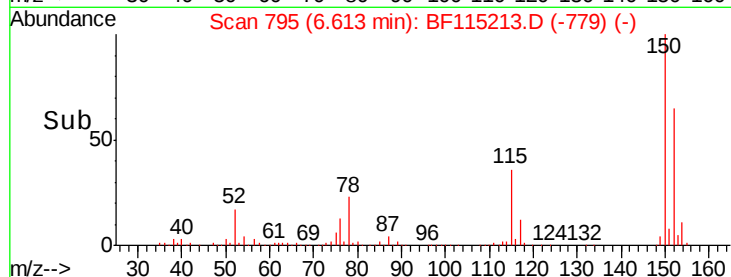


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

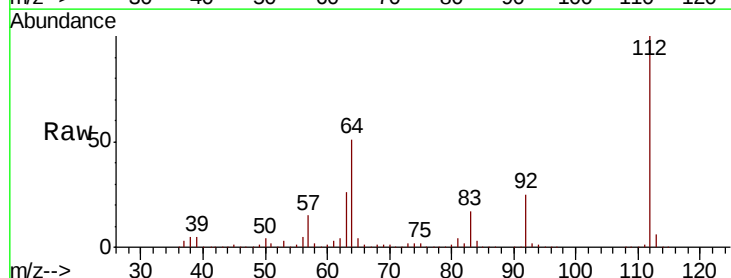
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.726 ng
RT: 5.22 min Scan# 559
Delta R.T. 0.02 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.1	43.8	65.6
63	26.1	22.2	33.4

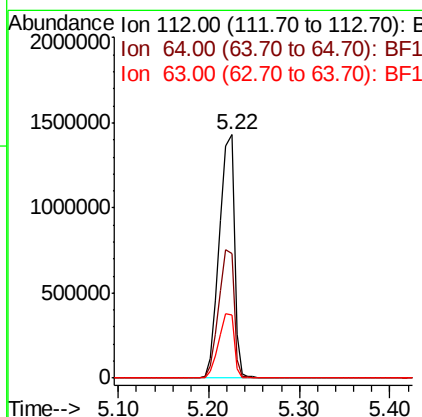
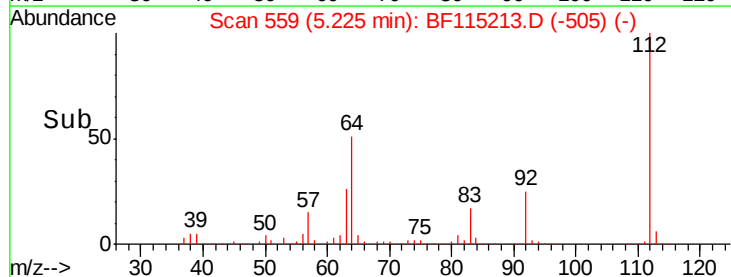


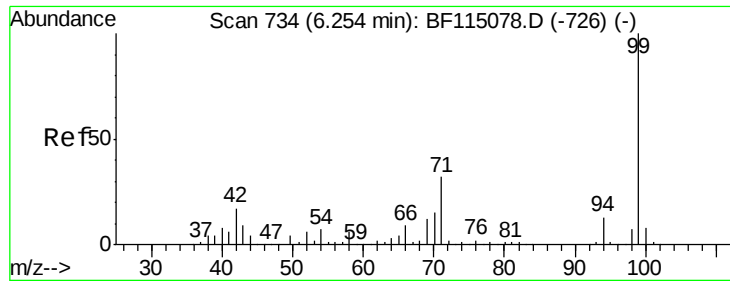
Abundance

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: 87.084 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115213.D

Acq: 26 Jun 2019 11:08

Instrument :

BNA_F

ClientSampleId :

TP-4

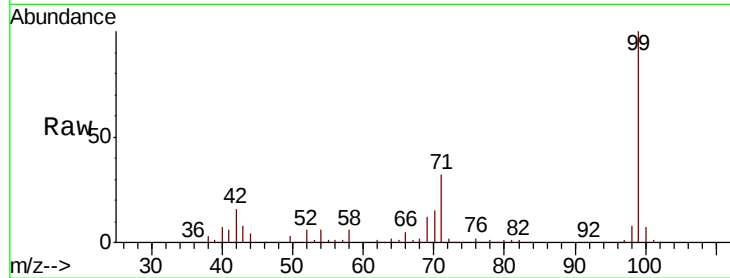
Tot Ion: 99 Resp: 1751718

Ion Ratio Lower Upper

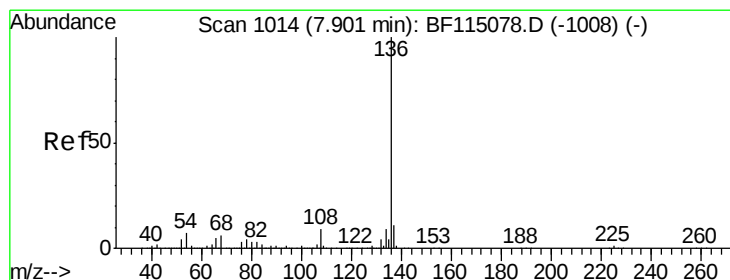
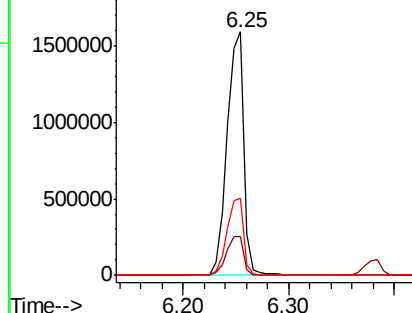
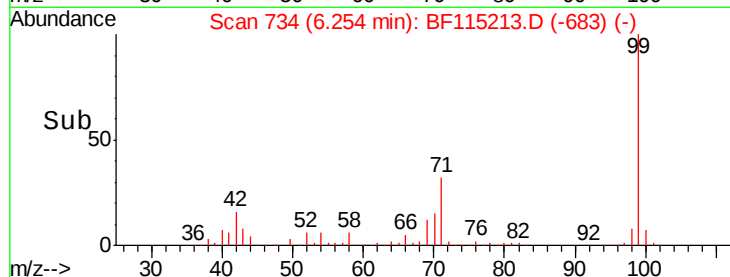
99 100

42 16.0 13.6 20.4

71 31.8 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: BF115213.D

Acq: 26 Jun 2019 11:08

Tgt Ion: 136 Resp: 953403

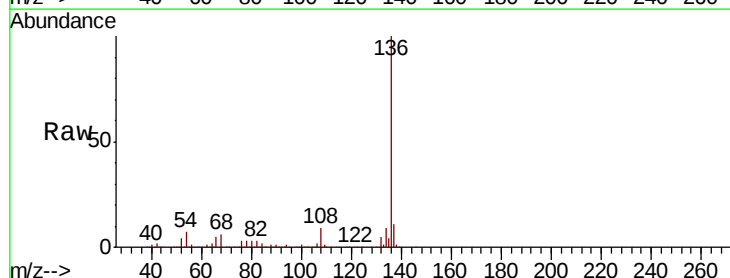
Ion Ratio Lower Upper

136 100

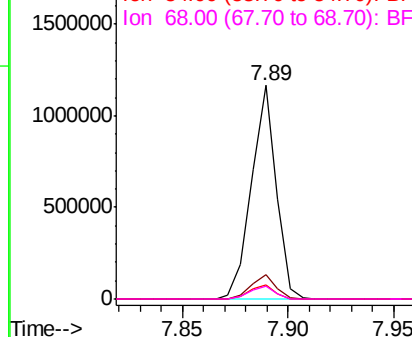
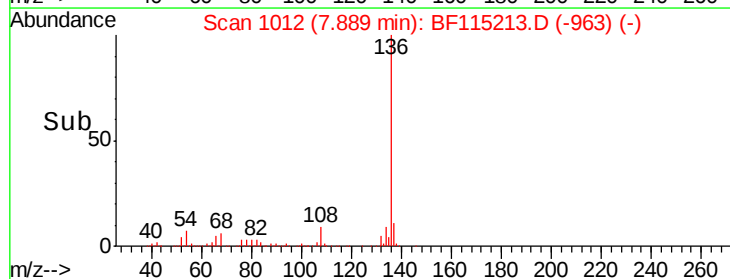
137 11.3 8.9 13.3

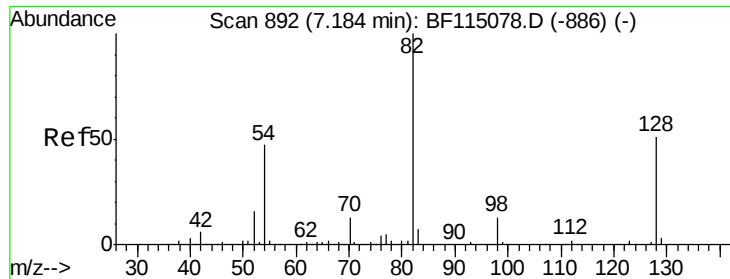
54 6.8 5.6 8.4

68 5.8 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

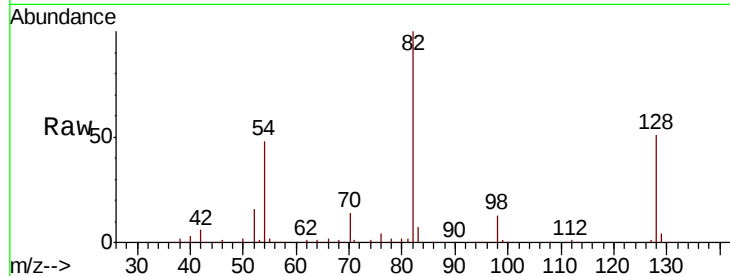




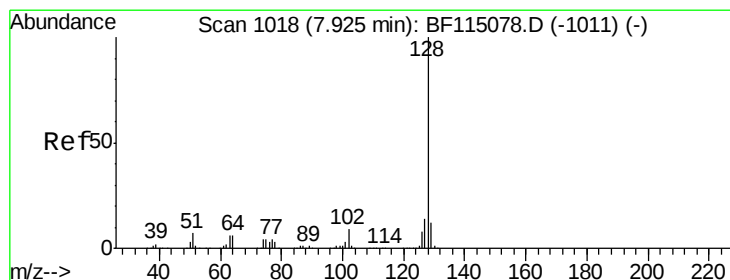
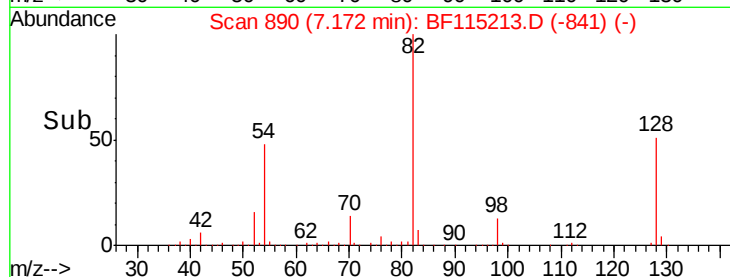
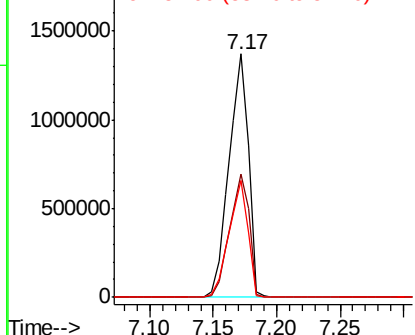
#23
 Nitrobenzene-d5
 Concen: 93.397 ng
 RT: 7.17 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF115213.D
 Acq: 26 Jun 2019 11:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion: 82 Resp: 1447520
 Ion Ratio Lower Upper
 82 100
 128 50.7 40.4 60.6
 54 47.8 37.5 56.3

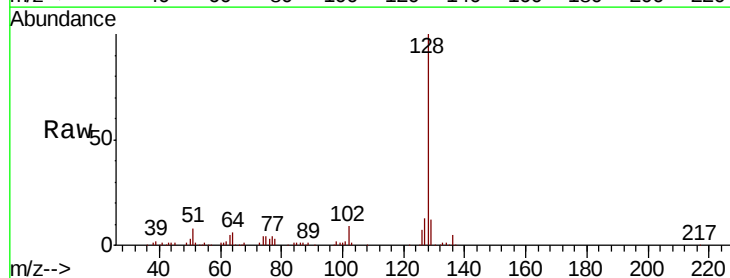


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

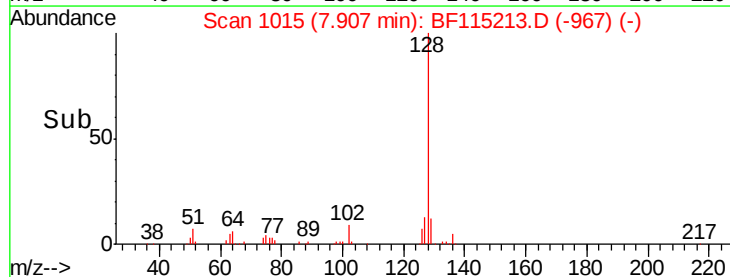
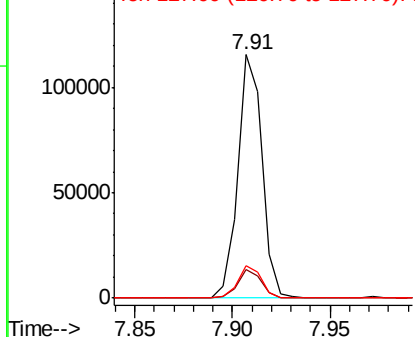


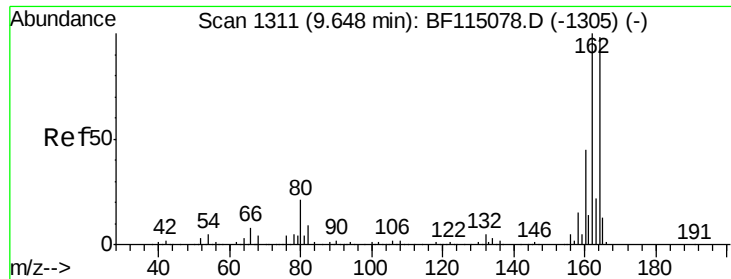
#31
 Naphthalene
 Concen: 2.123 ng
 RT: 7.91 min Scan# 1015
 Delta R.T. -0.02 min
 Lab File: BF115213.D
 Acq: 26 Jun 2019 11:08

Tgt Ion:128 Resp: 99344
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.6 14.4
 127 13.3 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

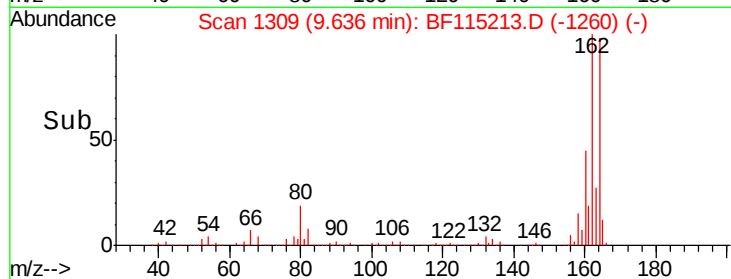
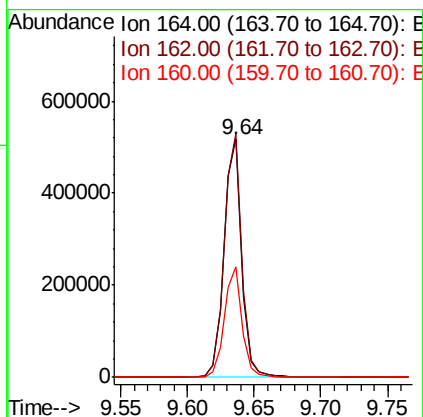
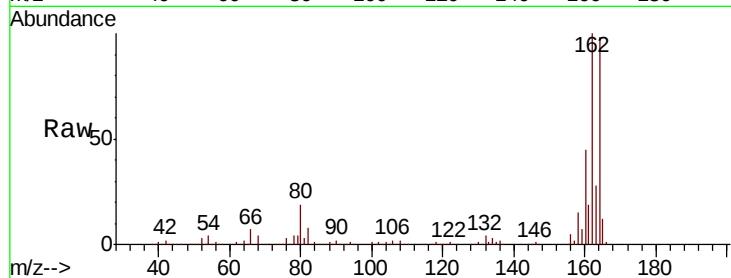




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF115213.D
 Acq: 26 Jun 2019 11:08

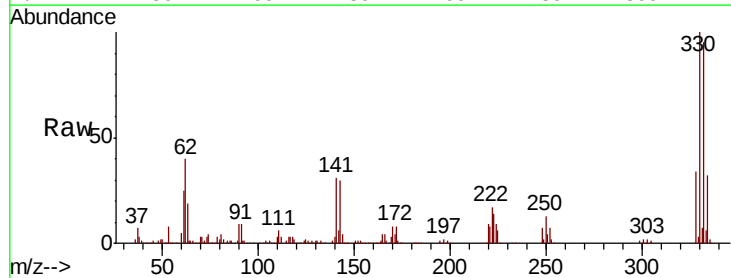
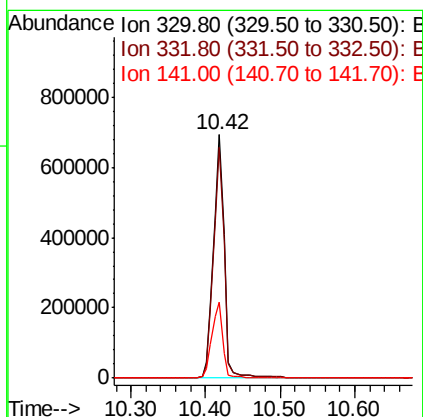
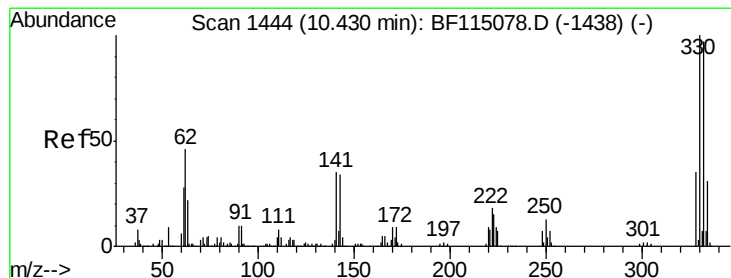
Instrument :
 BNA_F
 ClientSampleId :
 TP-4

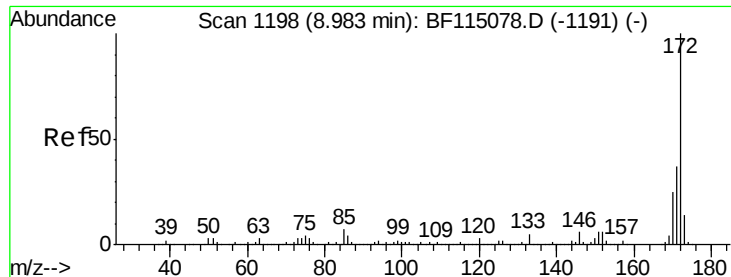
Tot Ion:164 Resp: 482477
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.7 122.5
 160 46.4 37.0 55.4



#42
 2,4,6-Tribromophenol
 Concen: 137.129 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF115213.D
 Acq: 26 Jun 2019 11:08

Tgt Ion:330 Resp: 697700
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.3 115.9
 141 31.6 28.2 42.2



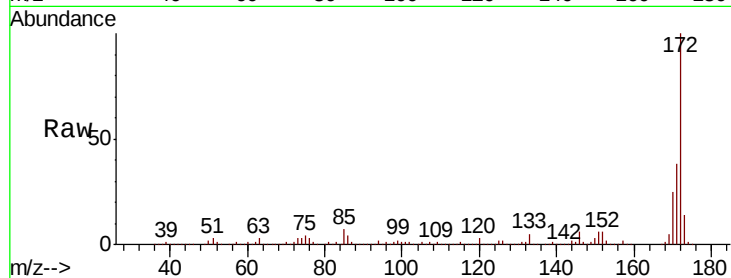


#45
 2-Fluorobiphenyl
 Concen: 92.485 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115213.D
 Acq: 26 Jun 2019 11:08

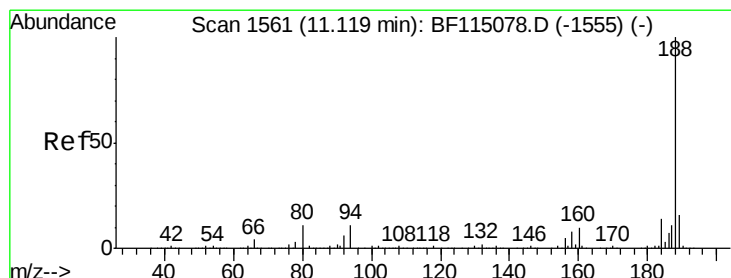
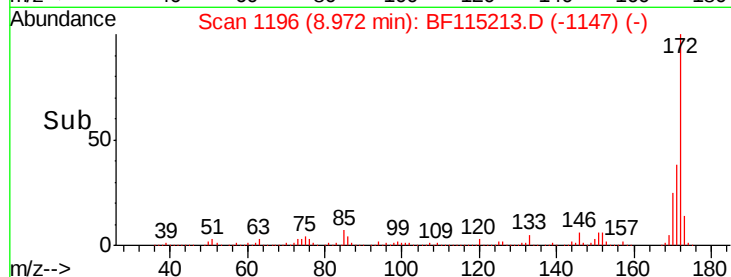
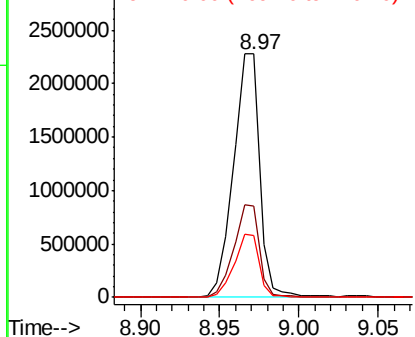
Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion:172 Resp: 2626935

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	25.4	20.3	30.5



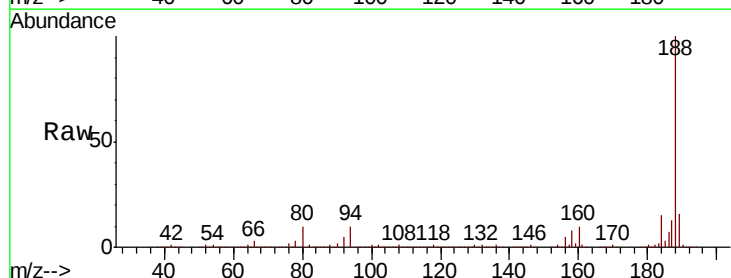
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



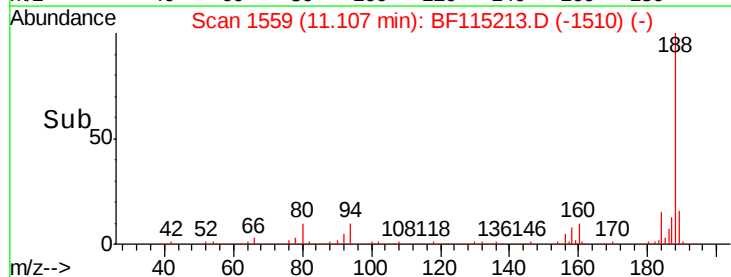
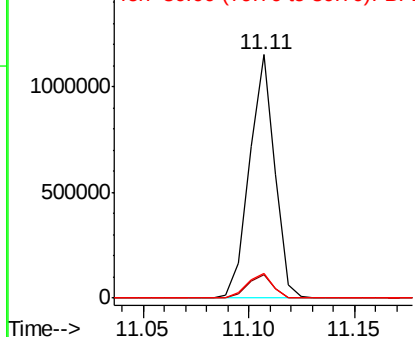
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.11 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF115213.D
 Acq: 26 Jun 2019 11:08

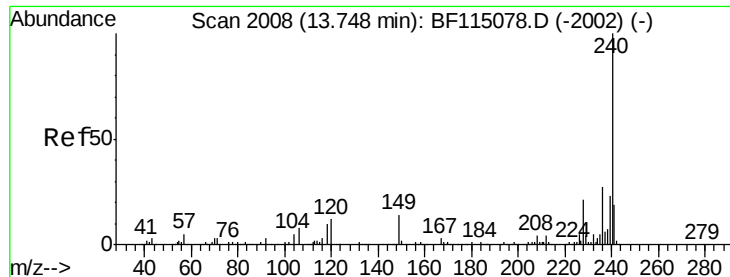
Tgt Ion:188 Resp: 960737

Ion	Ratio	Lower	Upper
188	100		
94	9.8	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: BF115213.D

Acq: 26 Jun 2019 11:08

Instrument :

BNA_F

ClientSampleId :

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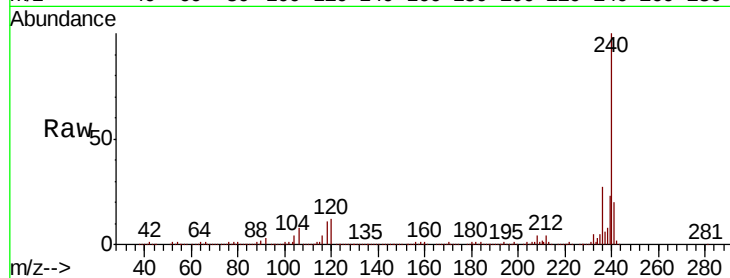
Tot Ion:240 Resp: 800139

Ion Ratio Lower Upper

240 100

120 11.9 9.4 14.2

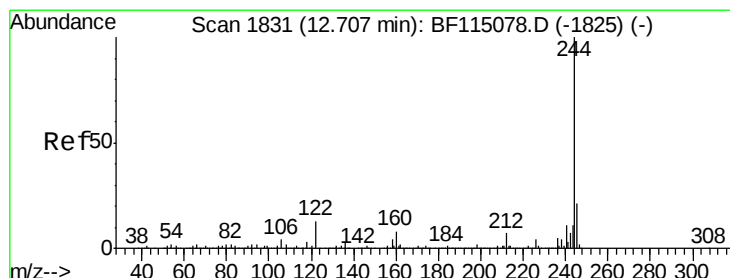
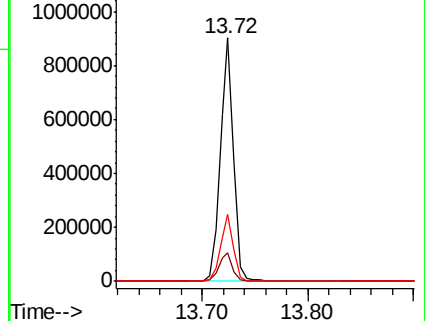
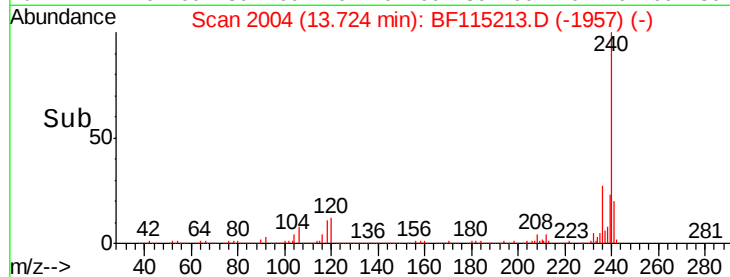
236 27.4 21.7 32.5



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: 82.053 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115213.D

Acq: 26 Jun 2019 11:08

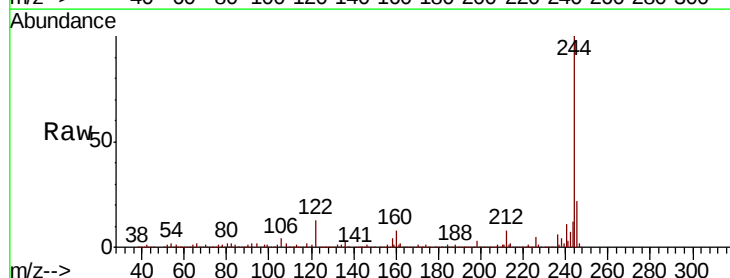
Tgt Ion:244 Resp: 3087905

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

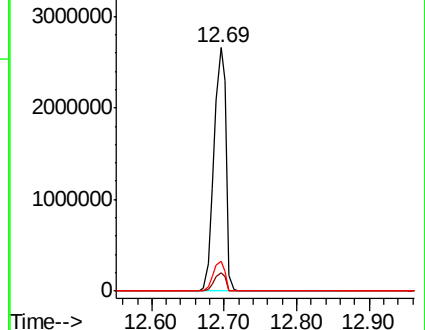
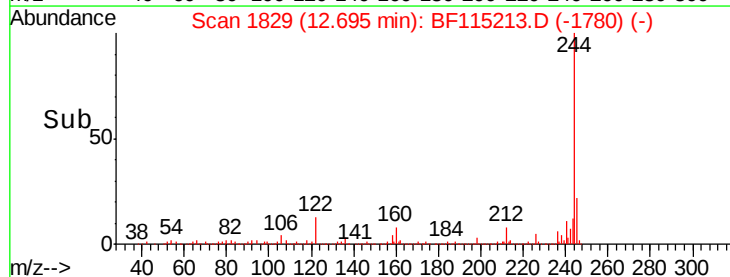
122 12.5 10.4 15.6

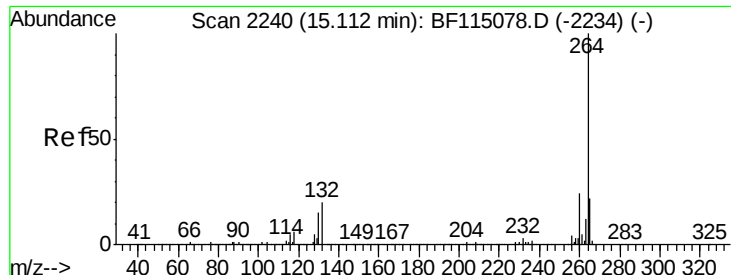


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF115213.D
 Acq: 26 Jun 2019 11:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion:	264	Resp:	730108
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.9	17.3	25.9

