

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
 Data File : BF115180.D
 Acq On : 25 Jun 2019 10:44
 Operator : HP/JU
 Sample : PB120877BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BL

Quant Time: Jun 26 06:36:29 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	276297	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1070707	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	549082	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1093654	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	862607	20.00	ng	-0.02
87) Perylene-d12	15.09	264	885255	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1758471	98.21	ng	0.01
7) Phenol-d6	6.25	99	2164418	99.60	ng	0.00
23) Nitrobenzene-d5	7.17	82	1322681	75.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	636459	109.92	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2525980	78.14	ng	-0.01
79) Terphenyl-d14	12.70	244	2873593	70.83	ng	-0.01

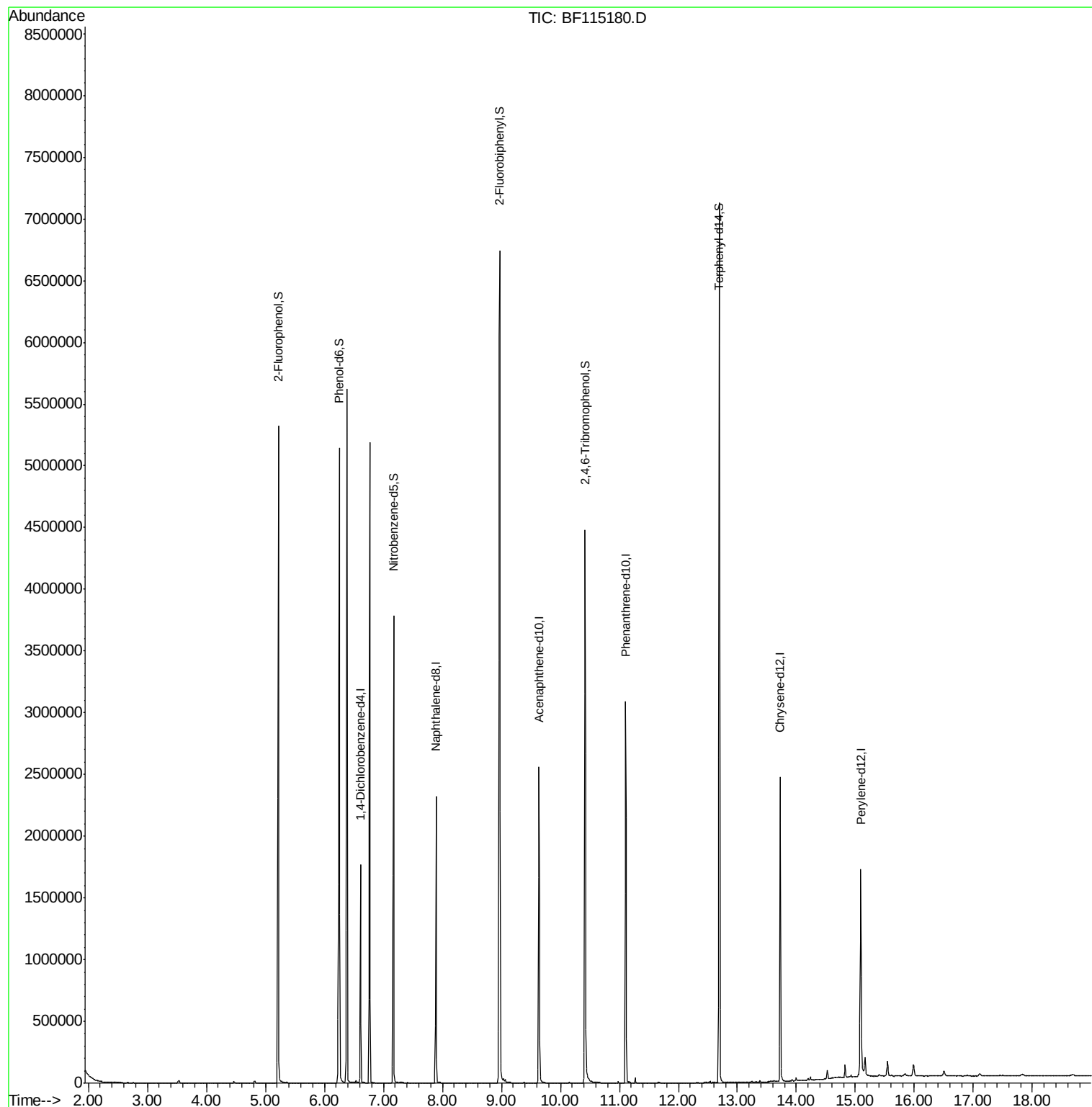
Target Compounds Qvalue

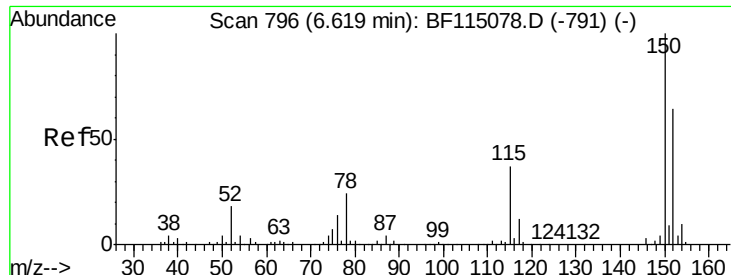
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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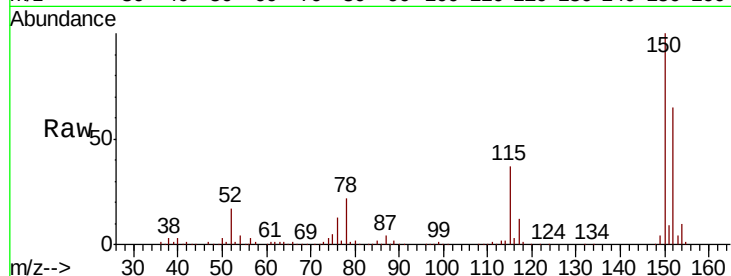


#1

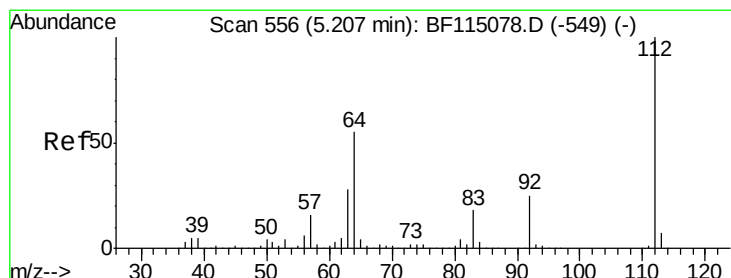
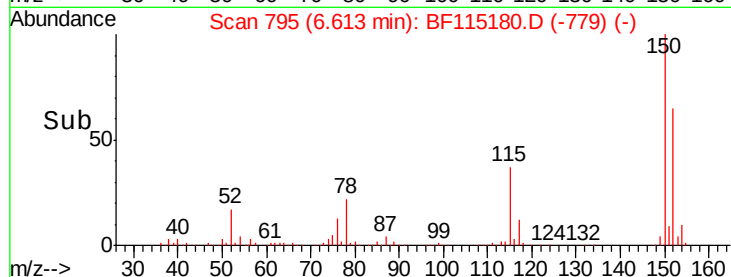
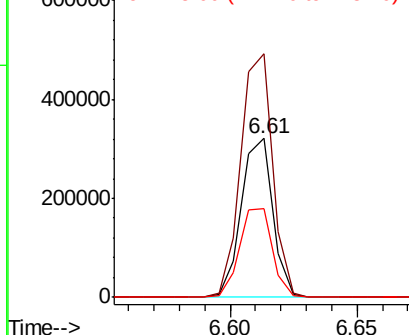
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115180.D
Acq: 25 Jun 2019 10:44

Instrument :
BNA_F
ClientSampleId :
PB120877BL

Tot Ion:152 Resp: 276297
Ion Ratio Lower Upper
152 100
150 153.6 124.2 186.2
115 56.3 46.1 69.1



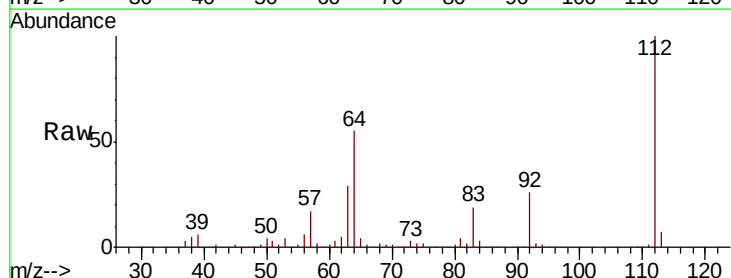
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



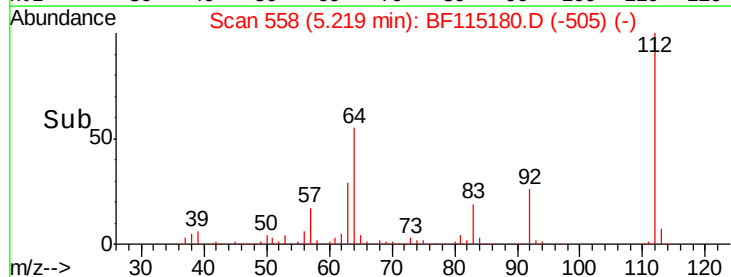
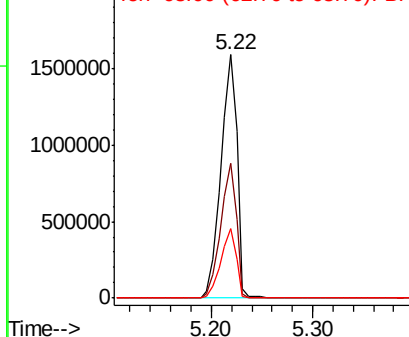
#5

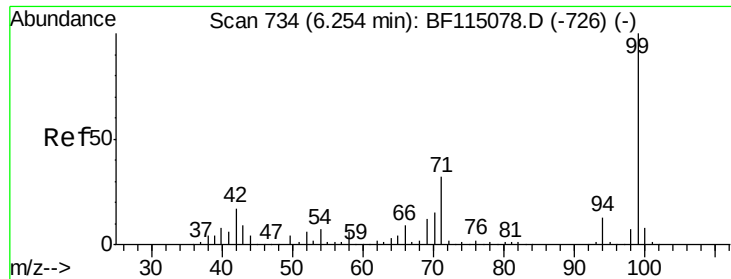
2-Fluorophenol
Concen: 98.214 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115180.D
Acq: 25 Jun 2019 10:44

Tgt Ion:112 Resp: 1758471
Ion Ratio Lower Upper
112 100
64 55.1 43.8 65.6
63 28.5 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: 99.597 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115180.D

Acq: 25 Jun 2019 10:44

Instrument :

BNA_F

ClientSampleId :

PB120877BL

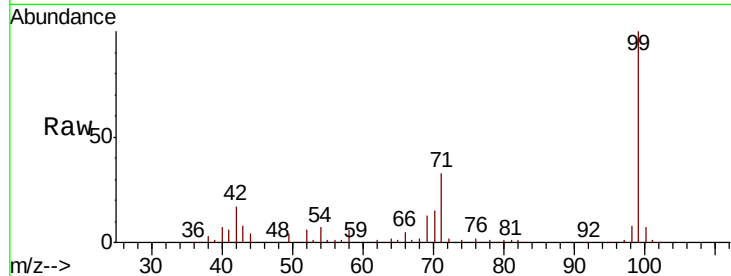
Tot Ion: 99 Resp: 2164418

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

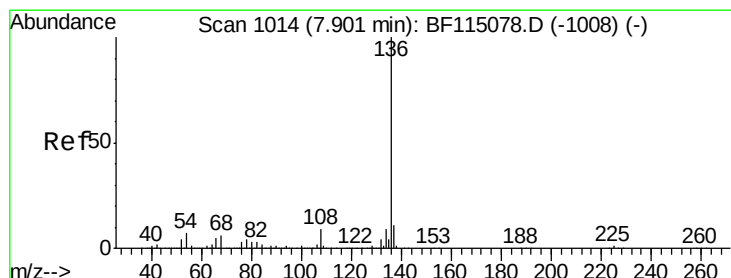
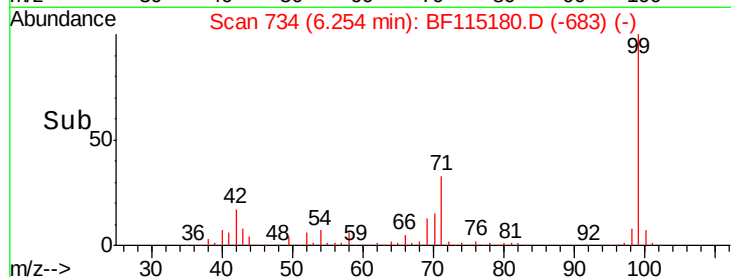
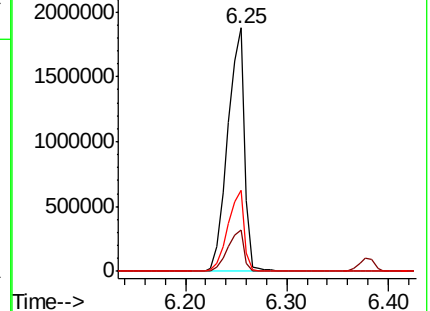
71 33.5 25.5 38.3



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: BF115180.D

Acq: 25 Jun 2019 10:44

Tgt Ion: 136 Resp: 1070707

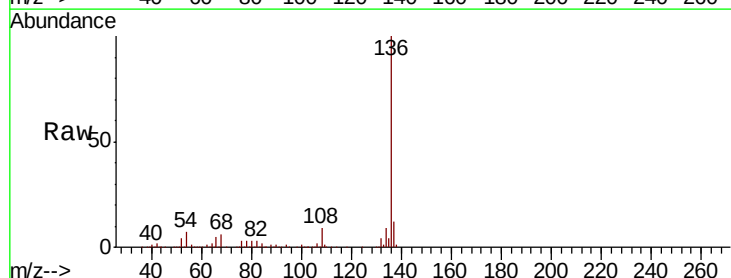
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 7.0 5.6 8.4

68 6.1 4.8 7.2

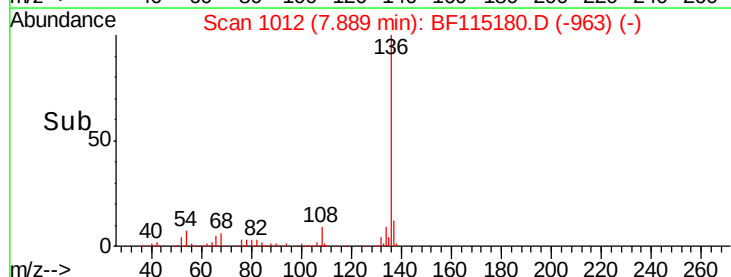
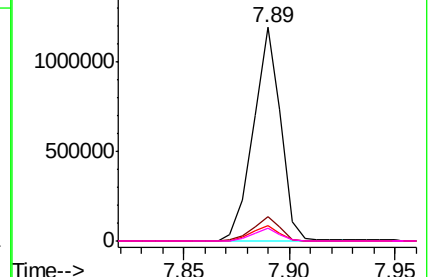


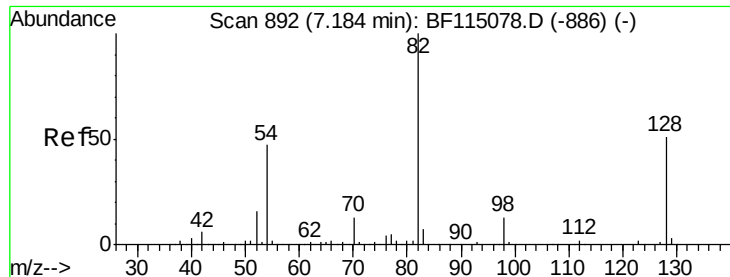
Abundance Ion 136.00 (135.70 to 136.70): E

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

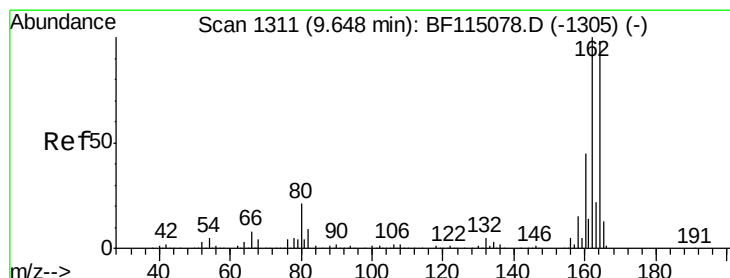
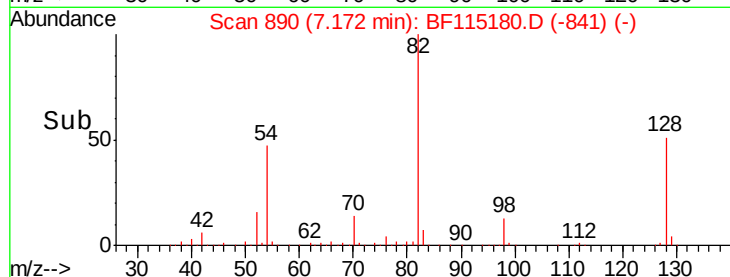
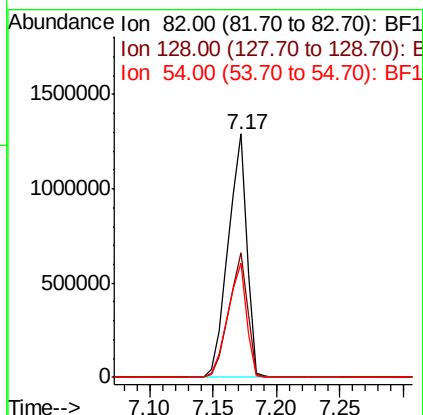
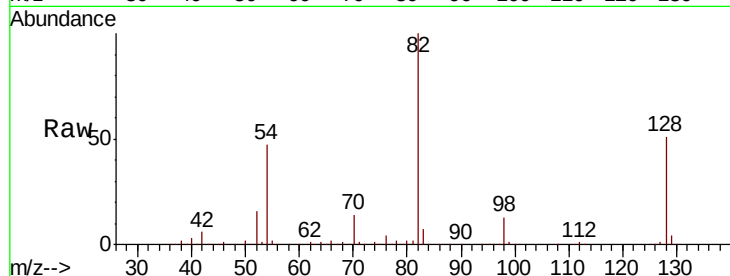




#23
 Nitrobenzene-d5
 Concen: 75.992 ng
 RT: 7.17 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF115180.D
 Acq: 25 Jun 2019 10:44

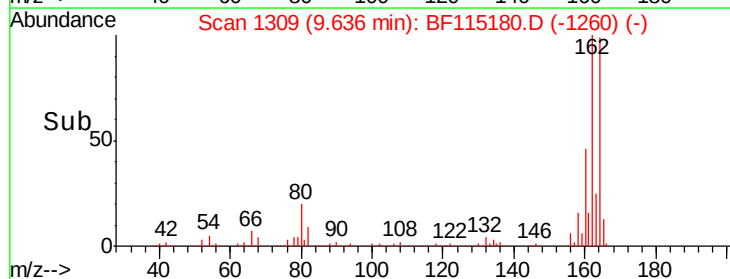
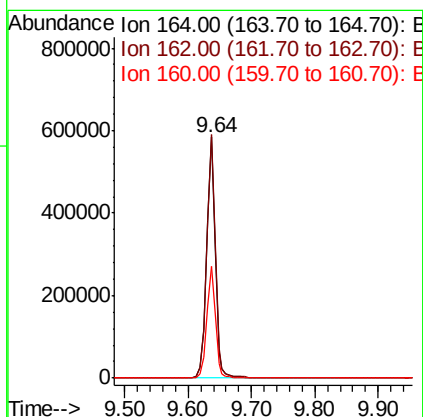
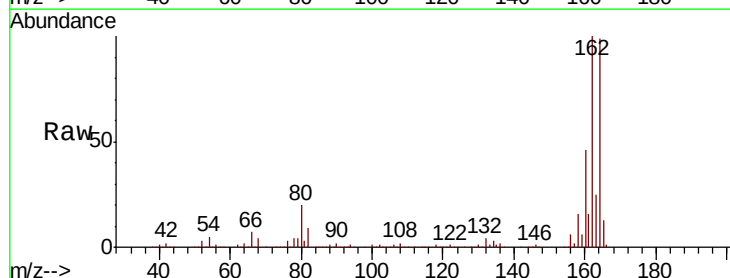
Instrument :
 BNA_F
 ClientSampleId :
 PB120877BL

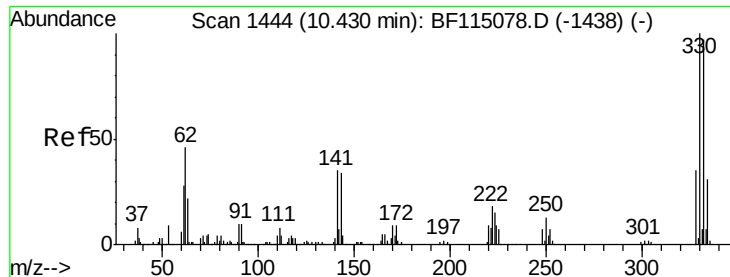
Tot Ion: 82 Resp: 1322681
 Ion Ratio Lower Upper
 82 100
 128 51.1 40.4 60.6
 54 46.8 37.5 56.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF115180.D
 Acq: 25 Jun 2019 10:44

Tgt Ion:164 Resp: 549082
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.7 122.5
 160 46.5 37.0 55.4

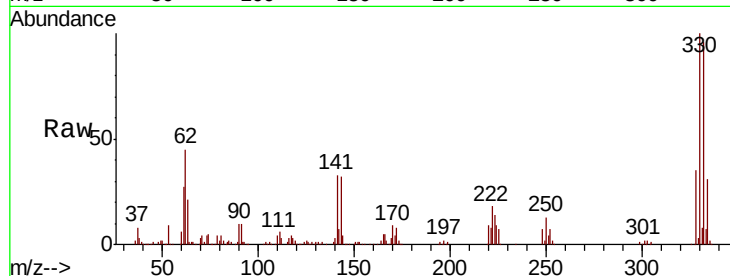




#42
 2,4,6-Tribromophenol
 Concen: 109.919 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF115180.D
 Acq: 25 Jun 2019 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.3	115.9
141	32.3	28.2	42.2

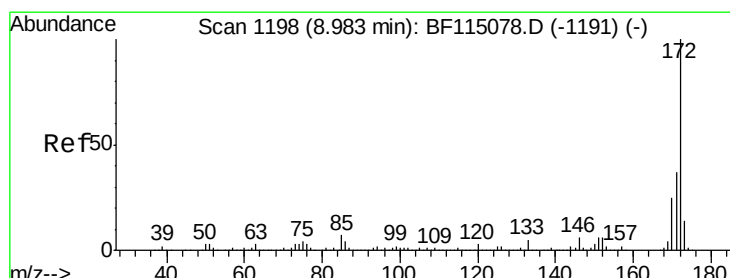
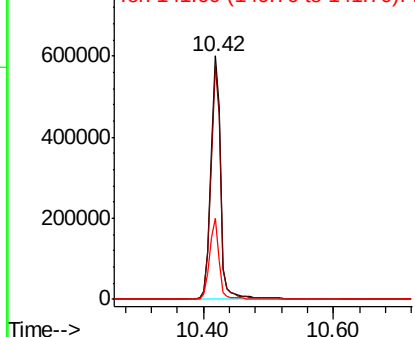
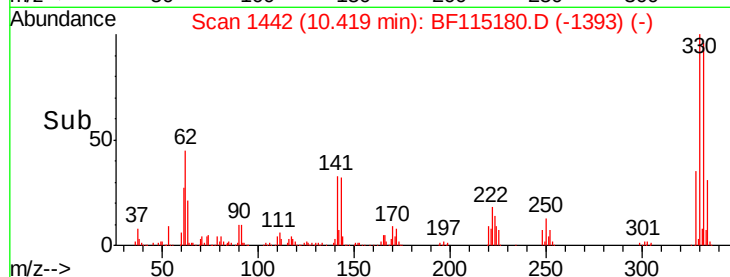


Abundance

Ion 329.80 (329.50 to 330.50): E

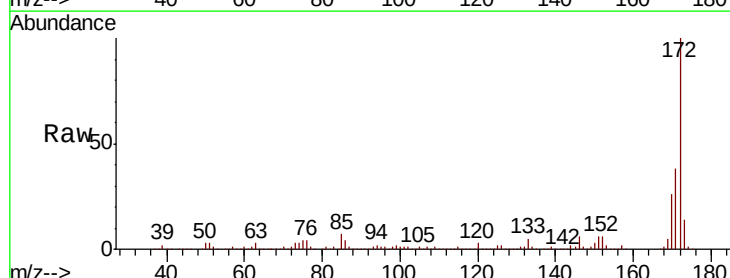
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 78.143 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115180.D
 Acq: 25 Jun 2019 10:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.8	44.6
170	26.0	20.3	30.5

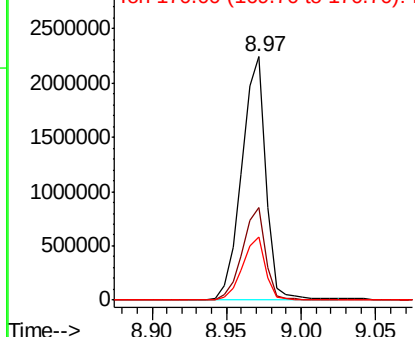
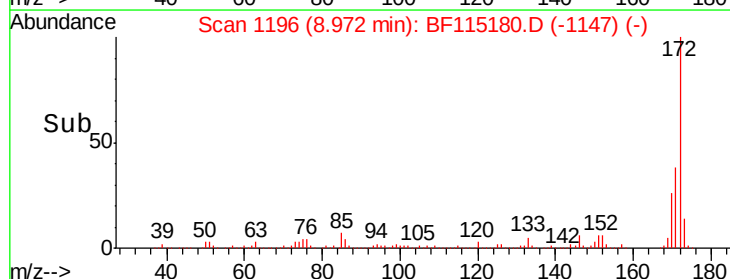


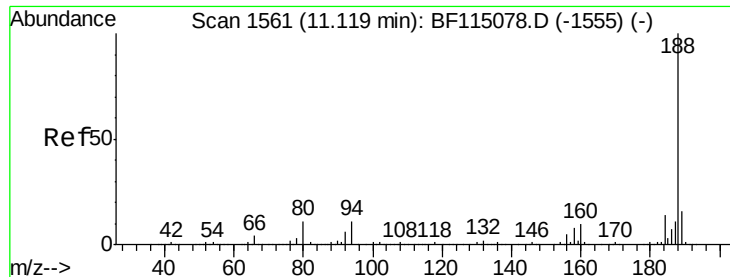
Abundance

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

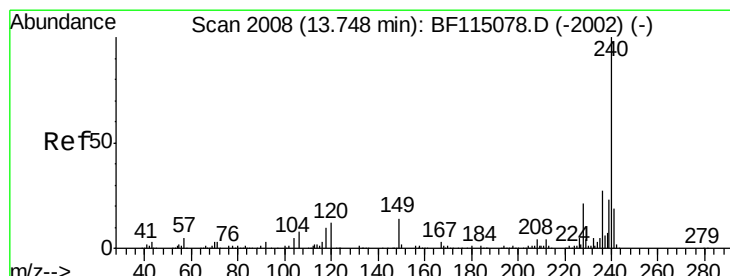
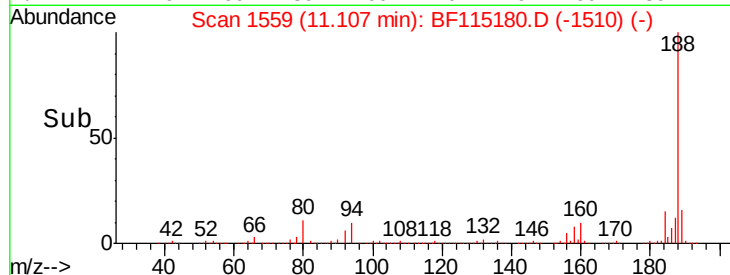
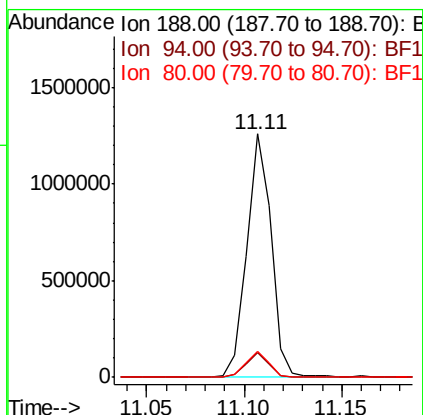
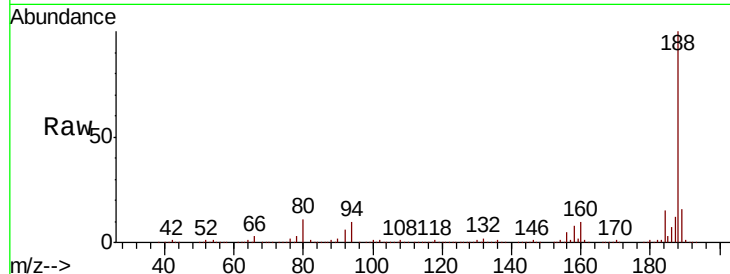




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115180.D
Acq: 25 Jun 2019 10:44

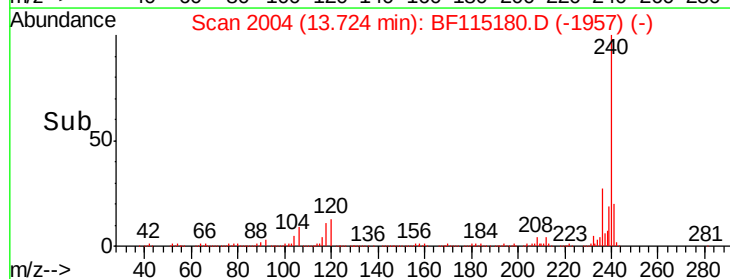
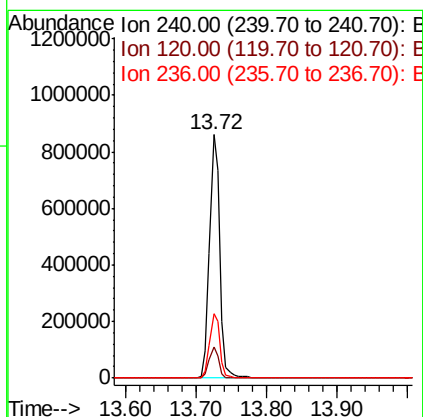
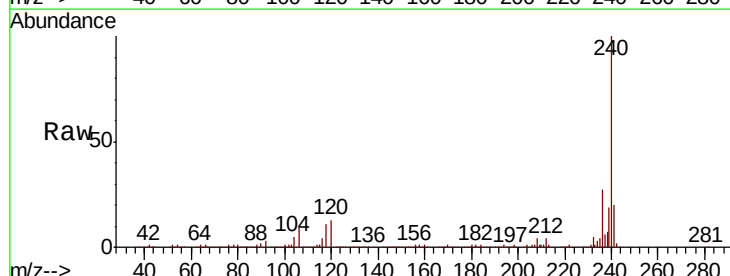
Instrument :
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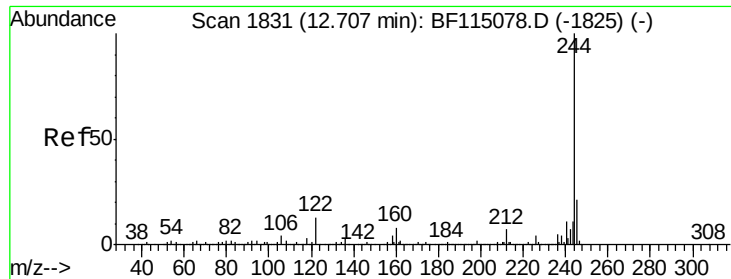
Tot Ion:188 Resp: 1093654
Ion Ratio Lower Upper
188 100
94 10.2 8.6 12.8
80 10.6 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF115180.D
Acq: 25 Jun 2019 10:44

Tgt Ion:240 Resp: 862607
Ion Ratio Lower Upper
240 100
120 13.0 9.4 14.2
236 26.6 21.7 32.5





#79

Terphenyl-d14

Concen: 70.828 ng

RT: 12.70 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115180.D

Acq: 25 Jun 2019 10:44

Instrument :

BNA_F

ClientSampleId :

PB120877BL

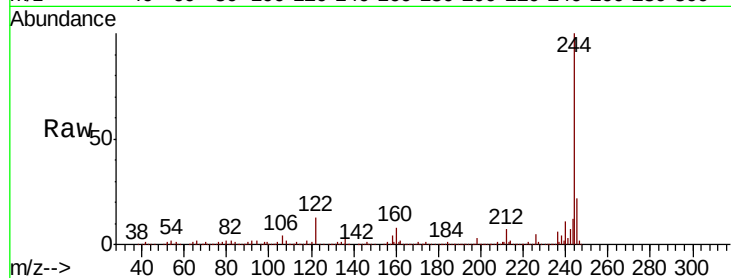
Tot Ion:244 Resp: 2873593

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

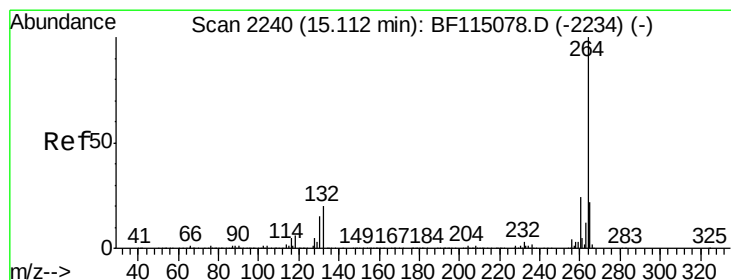
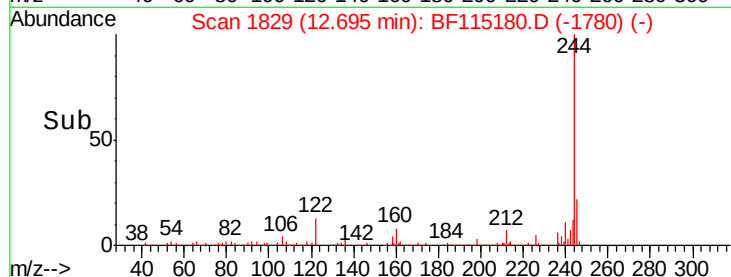
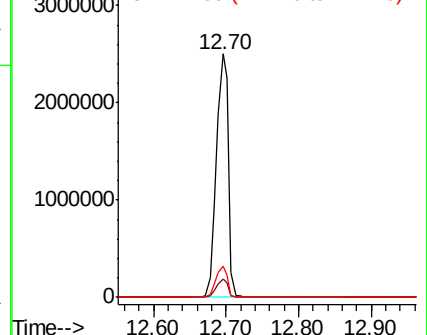
122 12.7 10.4 15.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.09 min Scan# 2237

Delta R.T. -0.02 min

Lab File: BF115180.D

Acq: 25 Jun 2019 10:44

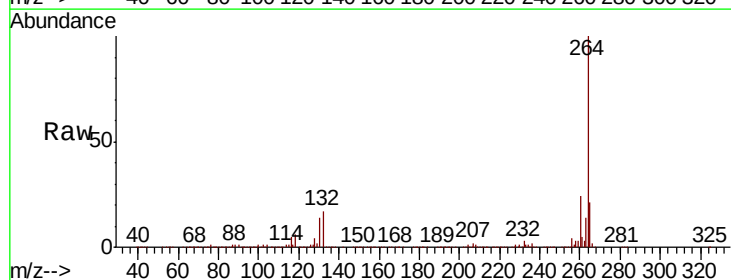
Tgt Ion:264 Resp: 885255

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 21.3 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

