

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
 Data File : BF115190.D
 Acq On : 25 Jun 2019 16:27
 Operator : HP/JU
 Sample : PB120652BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120652BL

Quant Time: Jun 26 07:00:43 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	287593	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1092593	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	560722	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1119552	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	864301	20.00	ng	-0.02
87) Perylene-d12	15.09	264	849393	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1786365	95.85	ng	0.01
7) Phenol-d6	6.25	99	2199814	97.25	ng	0.00
23) Nitrobenzene-d5	7.17	82	1348689	75.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	633295	107.10	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2602857	78.85	ng	-0.01
79) Terphenyl-d14	12.70	244	2891978	71.14	ng	-0.01

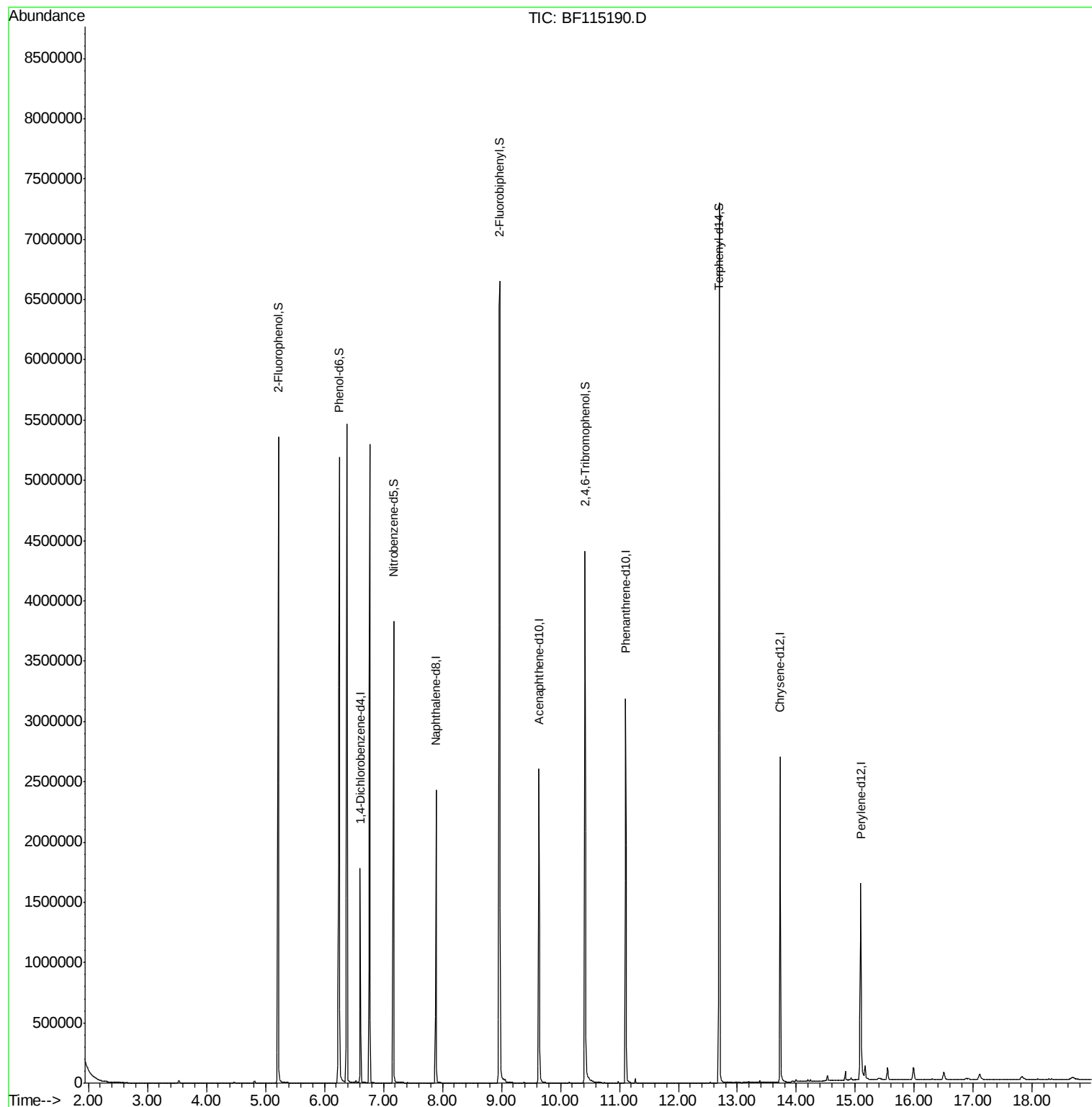
Target Compounds Qvalue

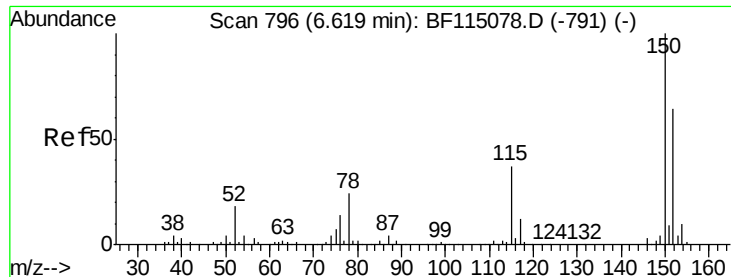
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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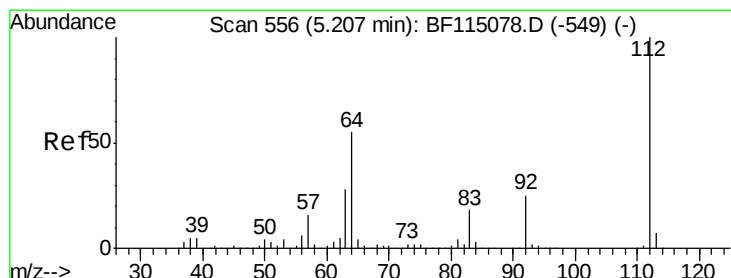
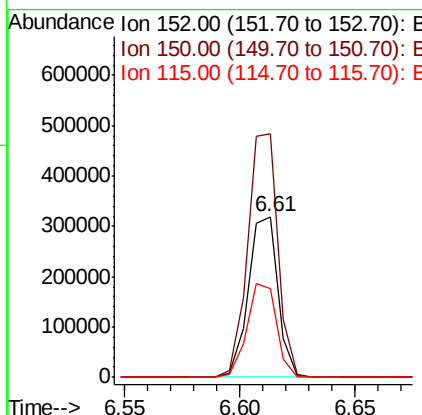
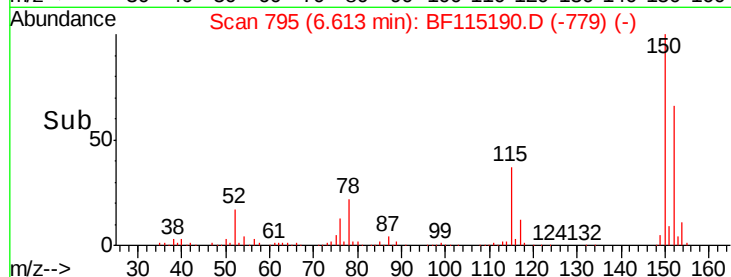
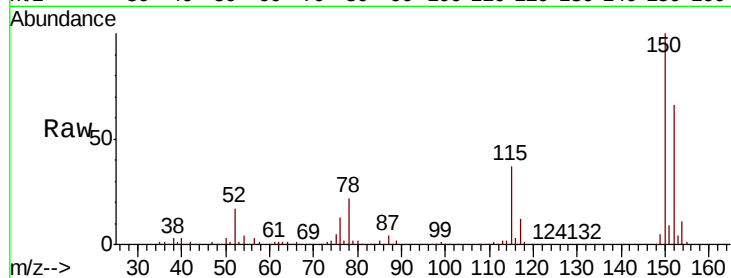


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115190.D
Acq: 25 Jun 2019 16:27

Instrument :
BNA_F
ClientSampleId :
PB120652BL

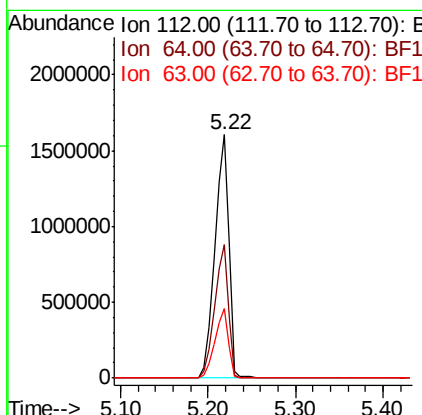
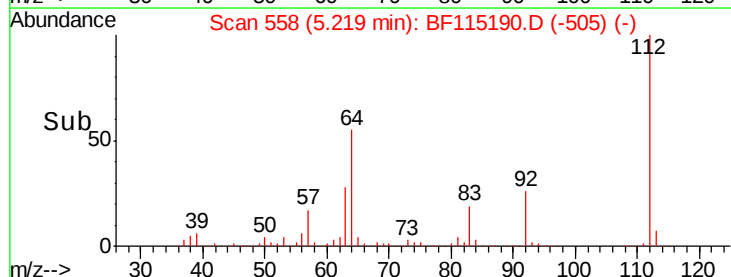
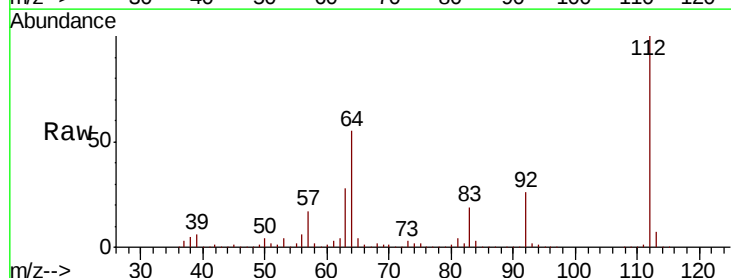
Tot Ion:152 Resp: 287593
Ion Ratio Lower Upper
152 100
150 151.6 124.2 186.2
115 55.6 46.1 69.1



#5

2-Fluorophenol
Concen: 95.853 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115190.D
Acq: 25 Jun 2019 16:27

Tgt Ion:112 Resp: 1786365
Ion Ratio Lower Upper
112 100
64 55.0 43.8 65.6
63 28.3 22.2 33.4





#7

Phenol-d6

Concen: 97.250 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115190.D

Acq: 25 Jun 2019 16:27

Instrument :

BNA_F

ClientSampleId :

PB120652BL

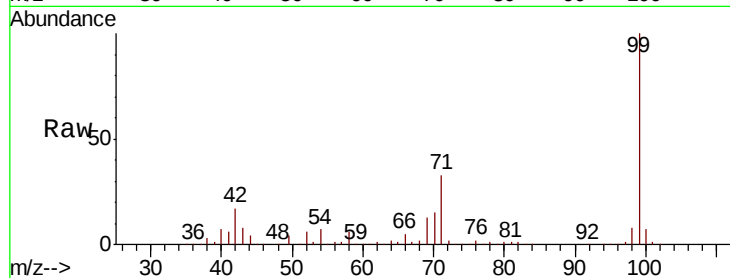
Tot Ion: 99 Resp: 2199814

Ion Ratio Lower Upper

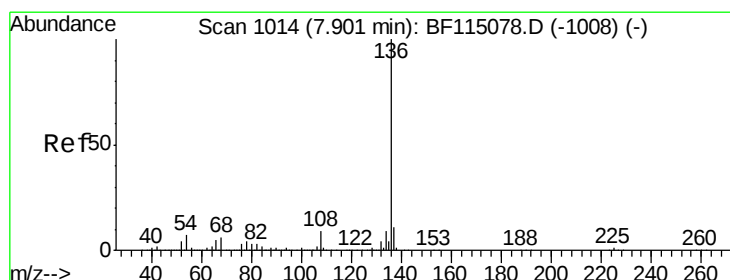
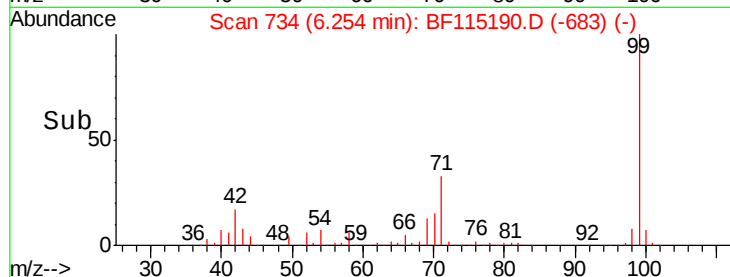
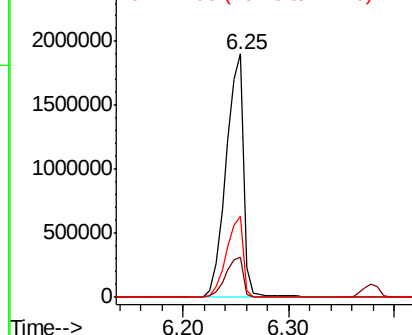
99 100

42 16.7 13.6 20.4

71 33.1 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: BF115190.D

Acq: 25 Jun 2019 16:27

Tgt Ion: 136 Resp: 1092593

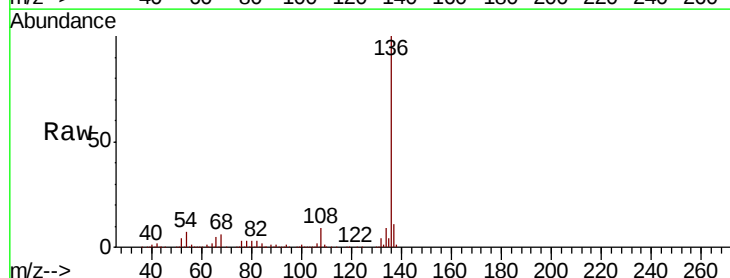
Ion Ratio Lower Upper

136 100

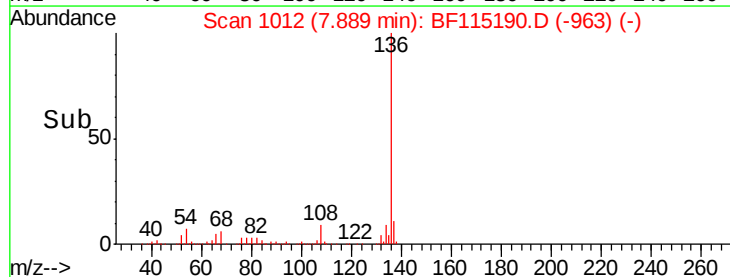
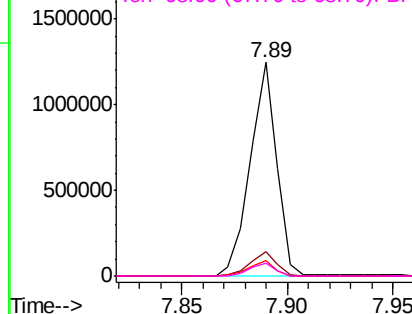
137 11.1 8.9 13.3

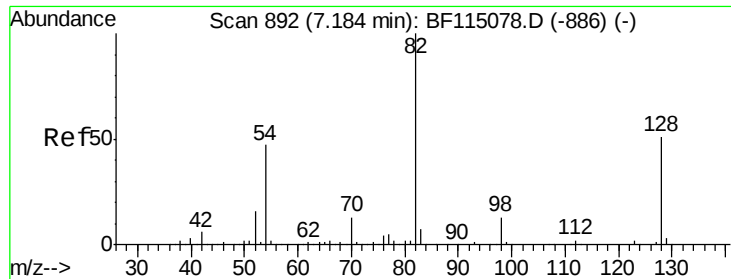
54 6.9 5.6 8.4

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

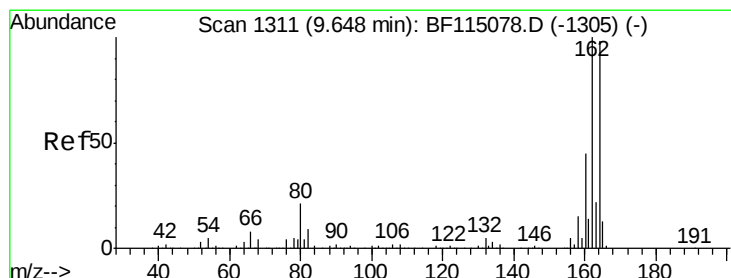
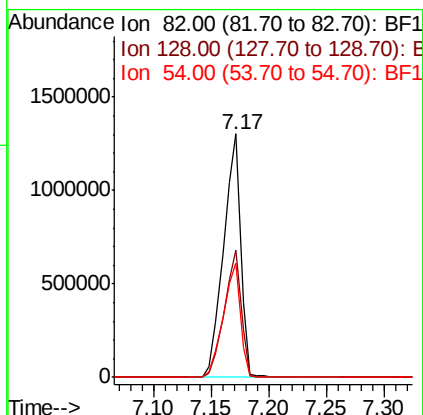
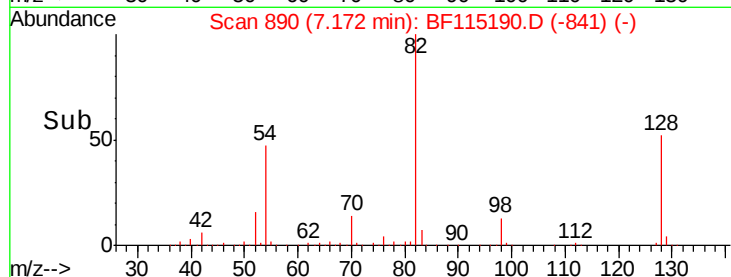
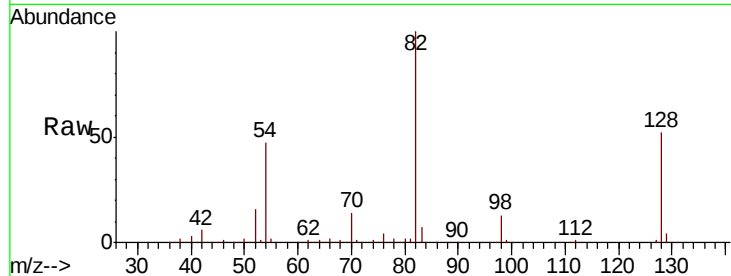




#23
Nitrobenzene-d5
Concen: 75.934 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115190.D
Acq: 25 Jun 2019 16:27

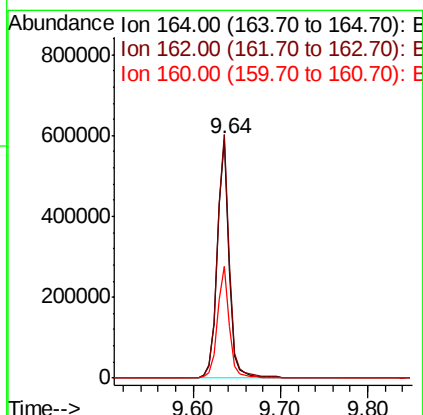
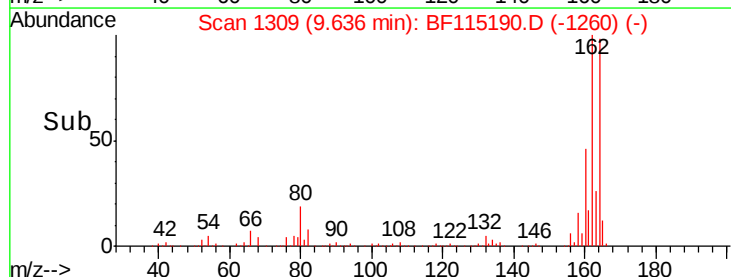
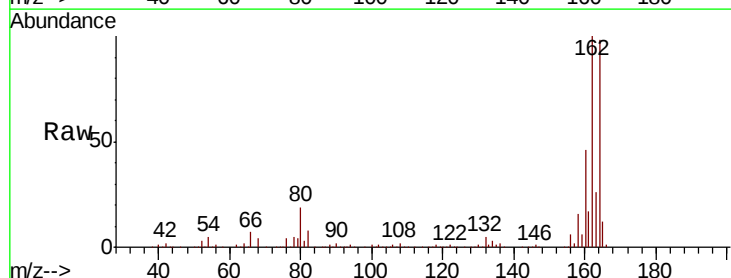
Instrument :
BNA_F
ClientSampleId :
PB120652BL

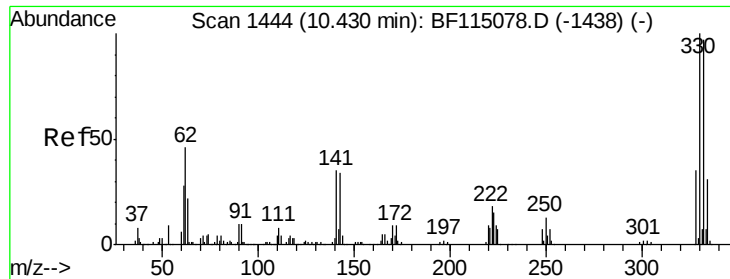
Tot Ion: 82 Resp: 1348689
Ion Ratio Lower Upper
82 100
128 52.0 40.4 60.6
54 46.9 37.5 56.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115190.D
Acq: 25 Jun 2019 16:27

Tgt Ion:164 Resp: 560722
Ion Ratio Lower Upper
164 100
162 102.0 81.7 122.5
160 46.7 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 107.102 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF115190.D

Acq: 25 Jun 2019 16:27

Instrument :

BNA_F

ClientSampleId :

PB120652BL

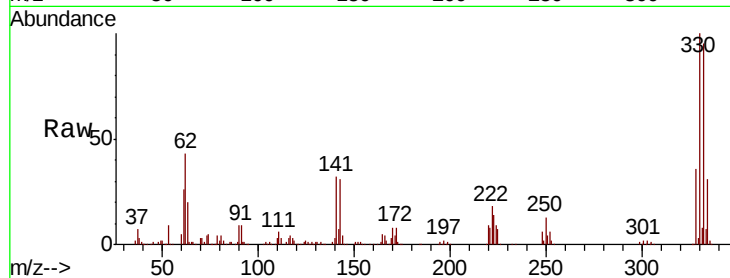
Tot Ion:330 Resp: 633295

Ion Ratio Lower Upper

330 100

332 94.9 77.3 115.9

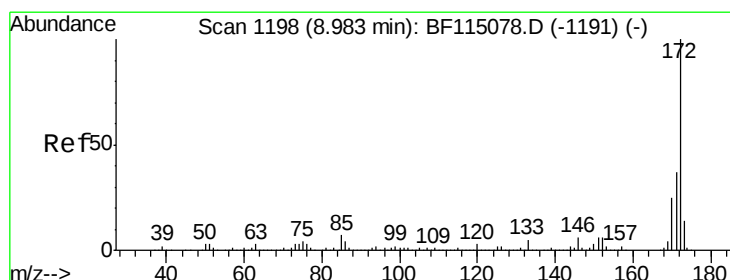
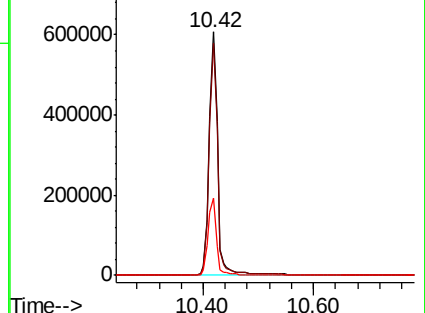
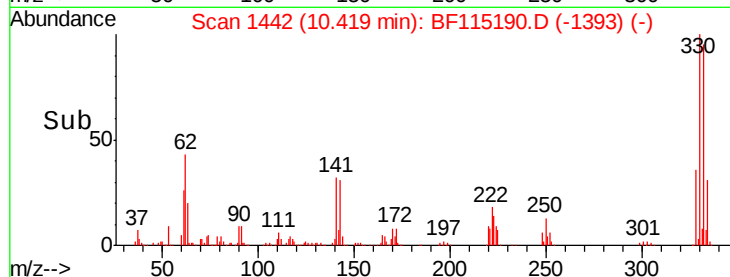
141 32.4 28.2 42.2



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: 78.850 ng

RT: 8.97 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF115190.D

Acq: 25 Jun 2019 16:27

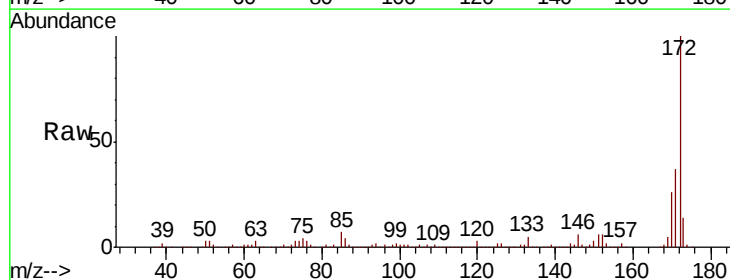
Tgt Ion:172 Resp: 2602857

Ion Ratio Lower Upper

172 100

171 37.5 29.8 44.6

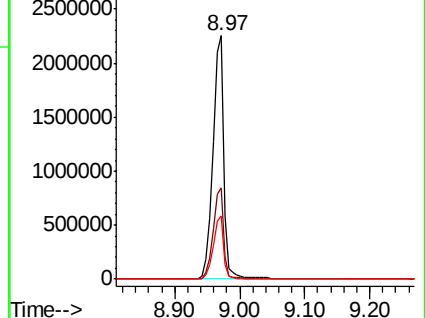
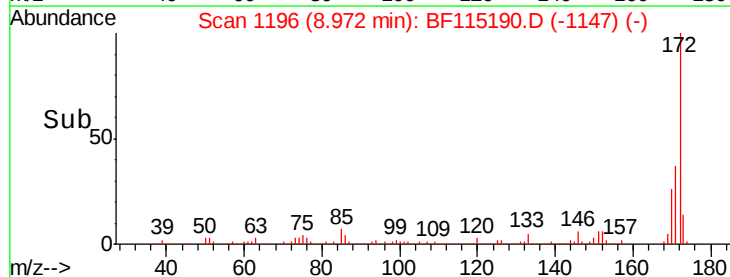
170 25.7 20.3 30.5

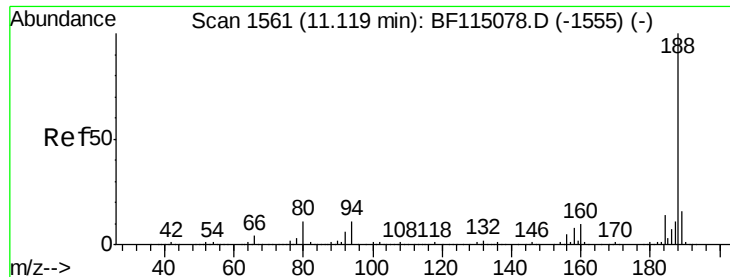


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

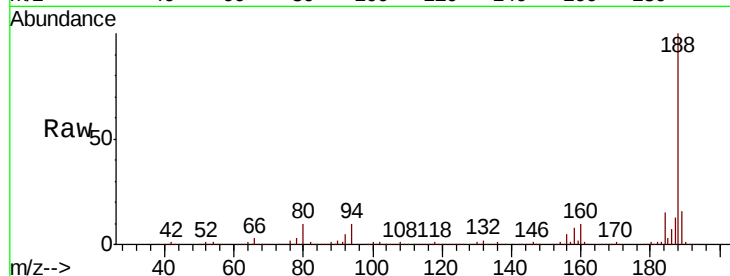




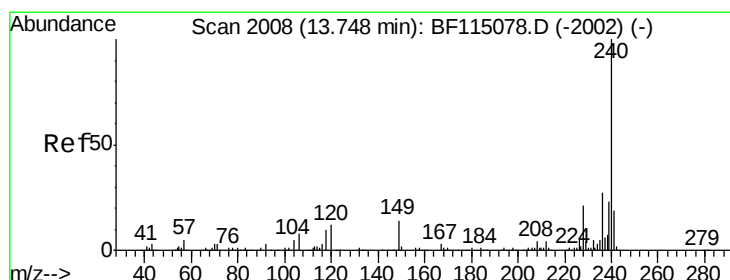
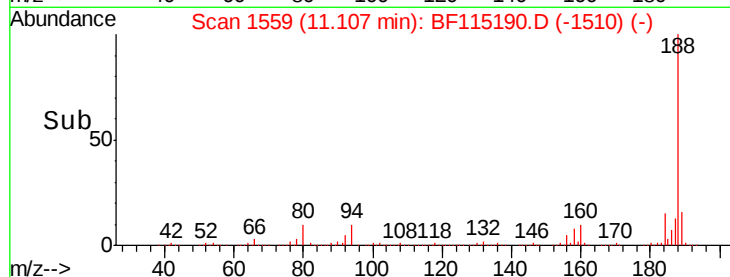
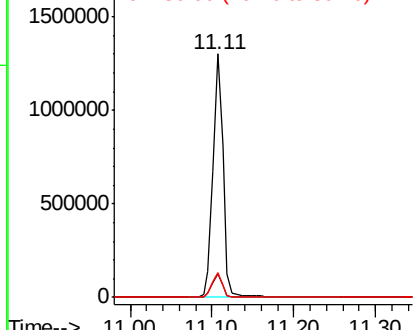
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115190.D
Acq: 25 Jun 2019 16:27

Instrument :
BNA_F
ClientSampleId :
PB120652BL

Tot Ion:188 Resp: 1119552
Ion Ratio Lower Upper
188 100
94 9.6 8.6 12.8
80 10.4 8.8 13.2

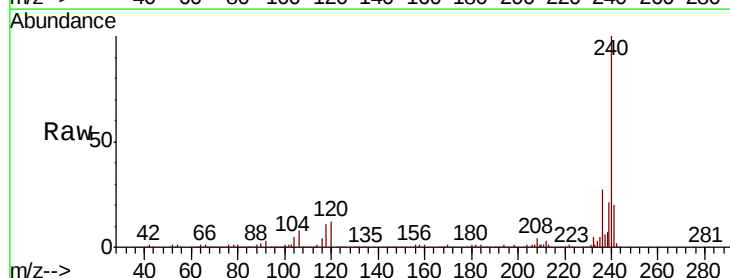


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

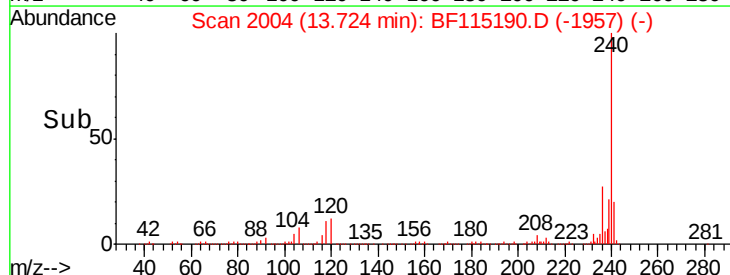
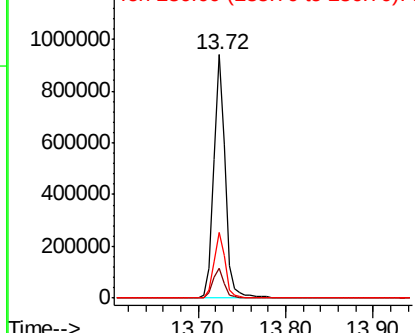


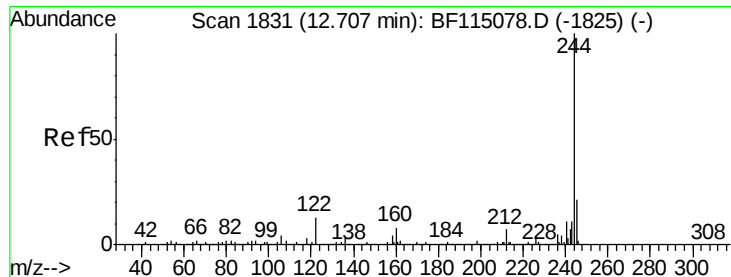
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF115190.D
Acq: 25 Jun 2019 16:27

Tgt Ion:240 Resp: 864301
Ion Ratio Lower Upper
240 100
120 12.4 9.4 14.2
236 26.8 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: 71.142 ng

RT: 12.70 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115190.D

Acq: 25 Jun 2019 16:27

Instrument :

BNA_F

ClientSampleId :

PB120652BL

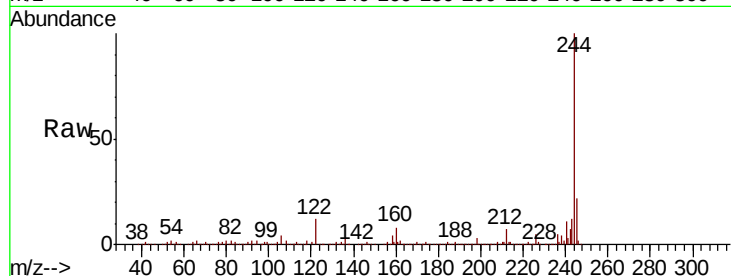
Tot Ion:244 Resp: 2891978

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

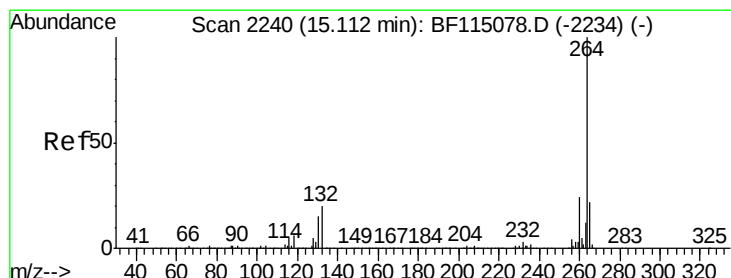
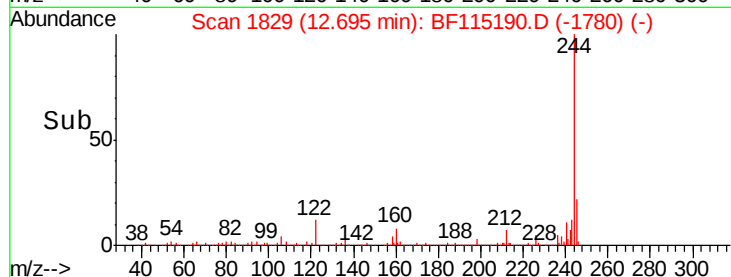
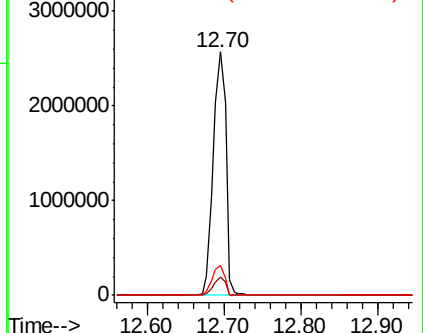
122 12.1 10.4 15.6



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# 2236

Delta R.T. -0.02 min

Lab File: BF115190.D

Acq: 25 Jun 2019 16:27

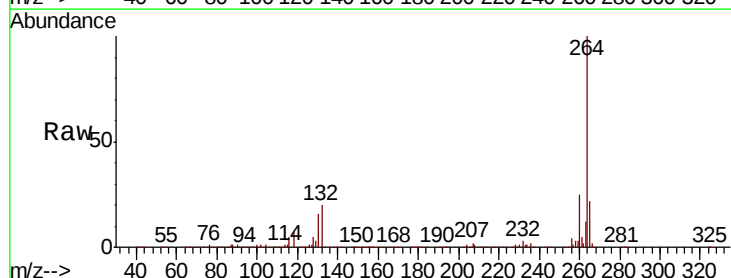
Tgt Ion:264 Resp: 849393

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 21.8 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

