

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115087.D
 Acq On : 21 Jun 2019 19:38
 Operator : HP/JU
 Sample : PB120722BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120722BL

Quant Time: Jun 22 05:07:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	240760	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	928528	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	457222	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	944065	20.00	ng	0.00
76) Chrysene-d12	13.74	240	794247	20.00	ng	-0.01
87) Perylene-d12	15.11	264	849631	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1714074	109.86	ng	0.01
7) Phenol-d6	6.25	99	2051556	108.34	ng	0.00
23) Nitrobenzene-d5	7.17	82	1253977	83.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	602503	124.96	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2353514	87.44	ng	0.00
79) Terphenyl-d14	12.71	244	2785138	74.56	ng	0.00

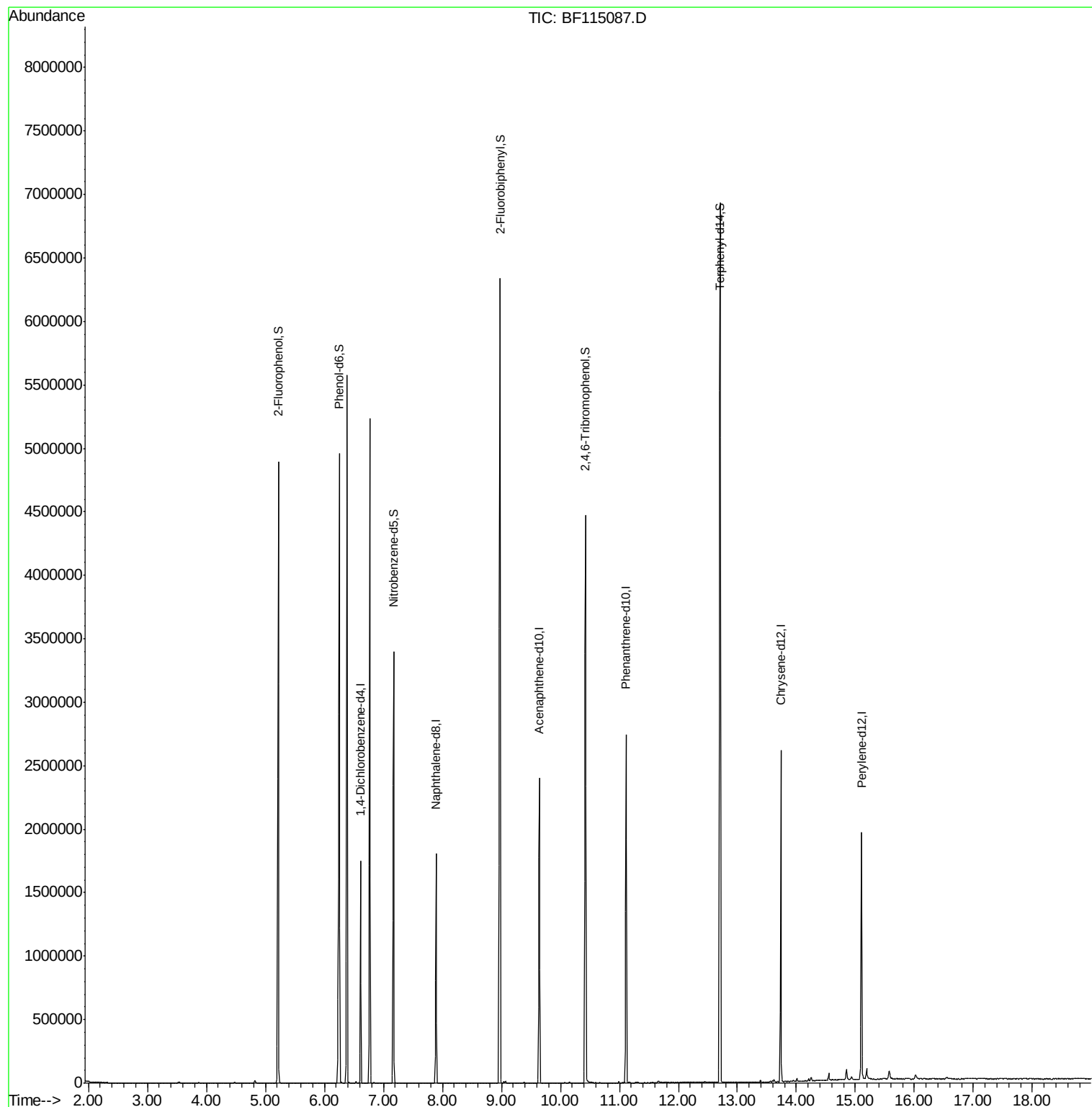
Target Compounds Qvalue

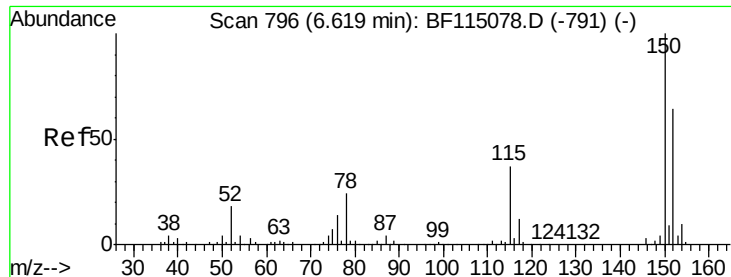
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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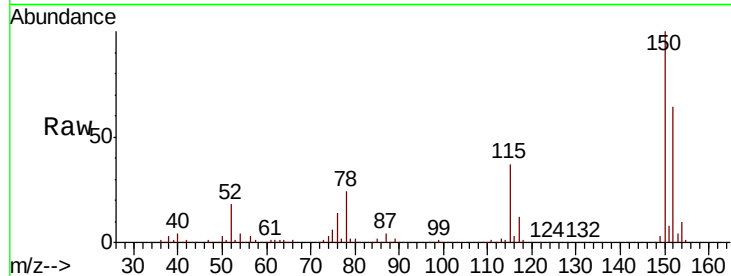


#1

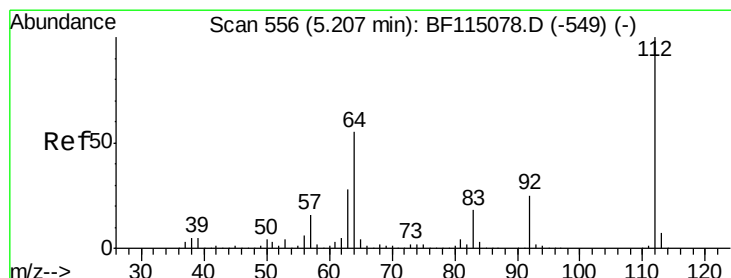
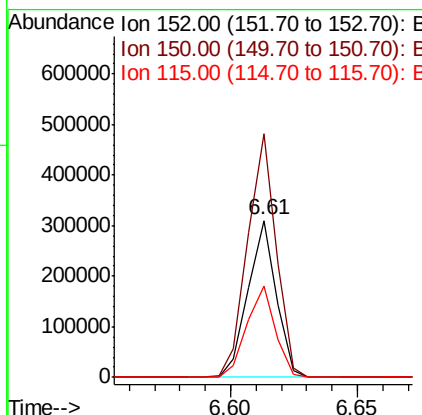
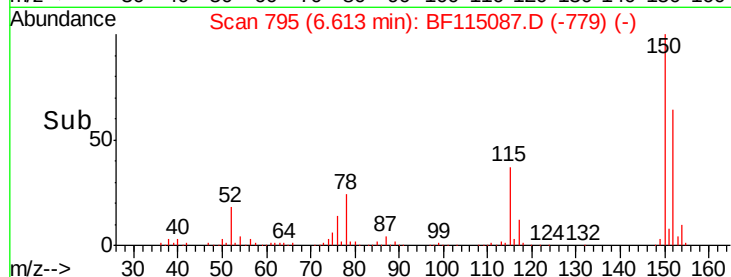
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115087.D
 Acq: 21 Jun 2019 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB120722BL

Tot Ion:152 Resp: 240760
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.2 186.2
 115 58.0 46.1 69.1



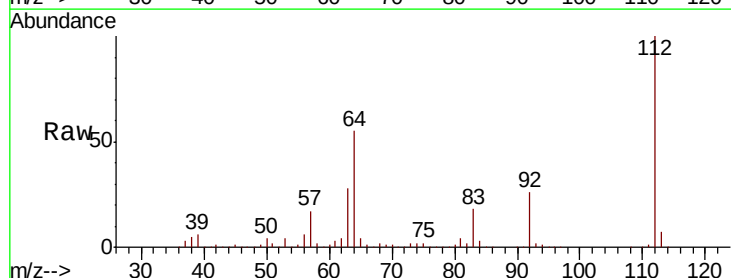
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



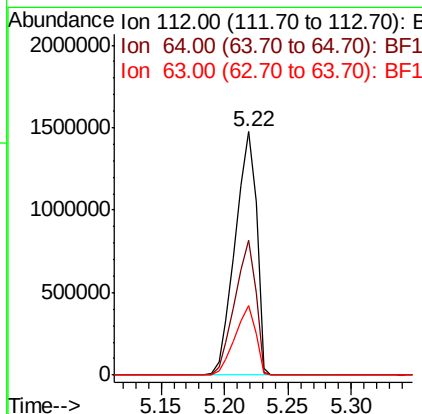
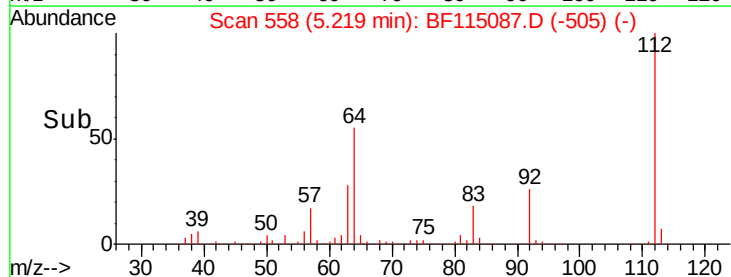
#5

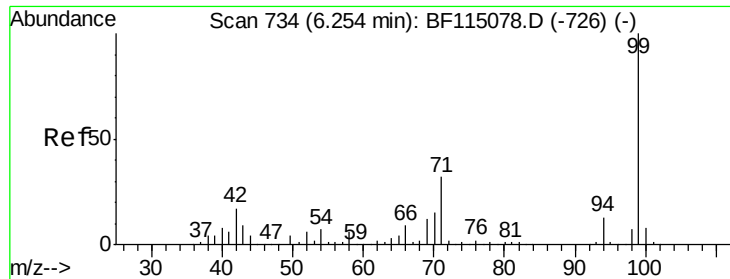
2-Fluorophenol
 Concen: 109.865 ng
 RT: 5.22 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: BF115087.D
 Acq: 21 Jun 2019 19:38

Tgt Ion:112 Resp: 1714074
 Ion Ratio Lower Upper
 112 100
 64 55.5 43.8 65.6
 63 28.4 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: 108.338 ng

RT: 6.25 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF115087.D

Acq: 21 Jun 2019 19:38

Instrument :

BNA_F

ClientSampleId :

PB120722BL

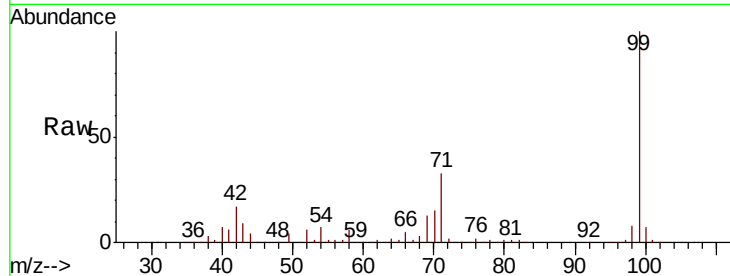
Tot Ion: 99 Resp: 2051556

Ion Ratio Lower Upper

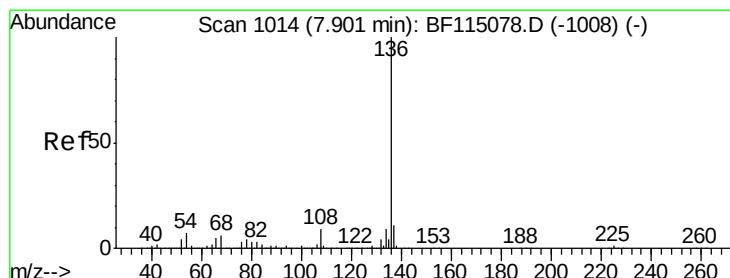
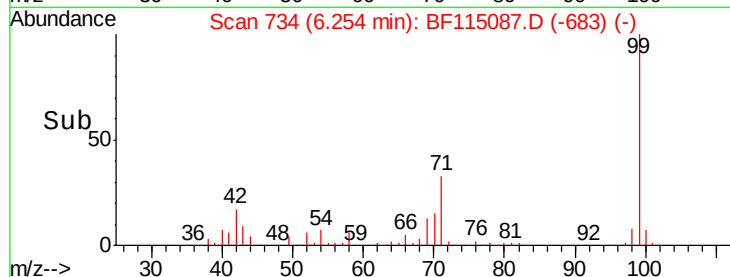
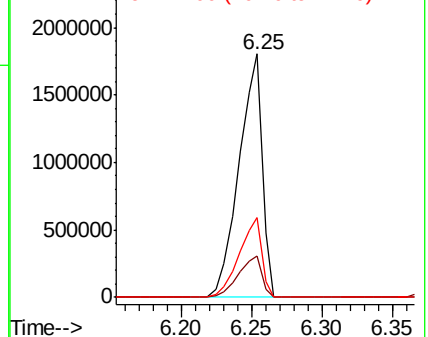
99 100

42 17.2 13.6 20.4

71 33.0 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: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115087.D

Acq: 21 Jun 2019 19:38

Tgt Ion: 136 Resp: 928528

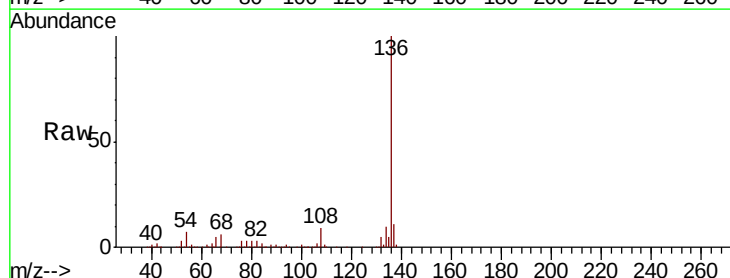
Ion Ratio Lower Upper

136 100

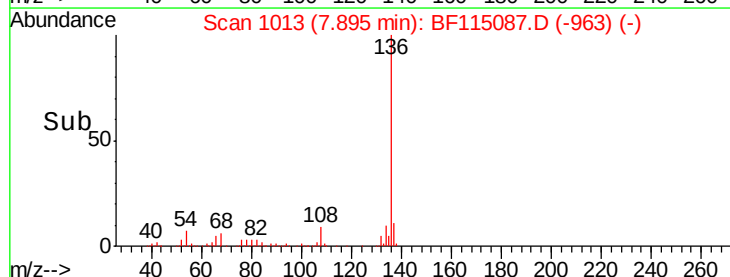
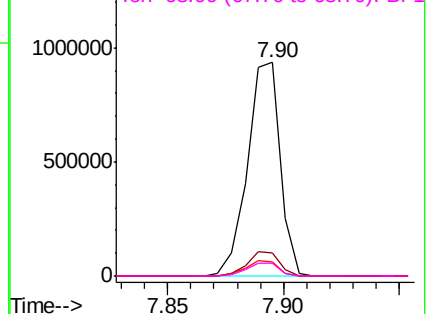
137 11.0 8.9 13.3

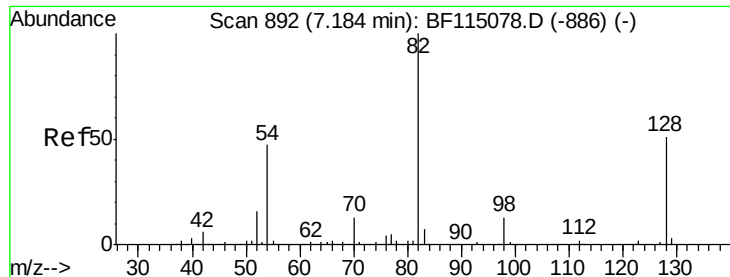
54 6.5 5.6 8.4

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

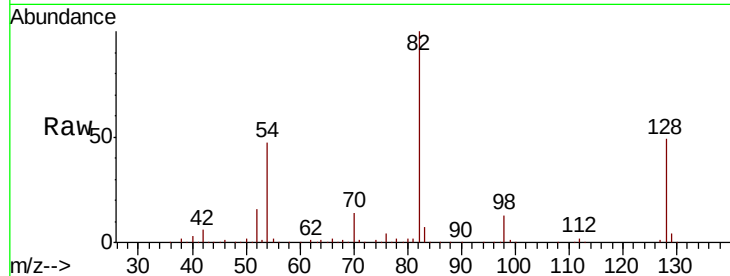




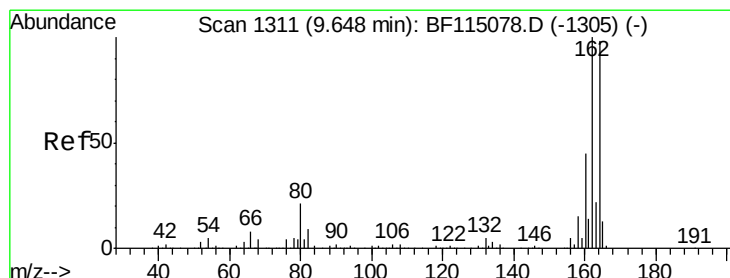
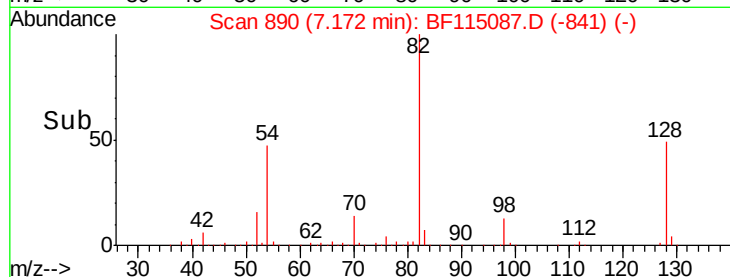
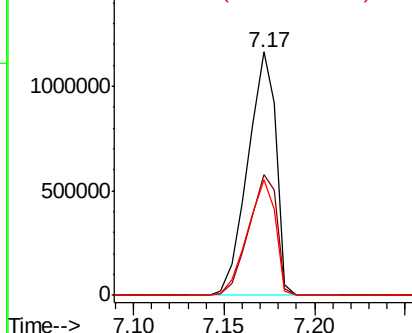
#23
Nitrobenzene-d5
Concen: 83.077 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115087.D
Acq: 21 Jun 2019 19:38

Instrument :
BNA_F
ClientSampleId :
PB120722BL

Tot Ion: 82 Resp: 1253977
Ion Ratio Lower Upper
82 100
128 49.4 40.4 60.6
54 47.3 37.5 56.3

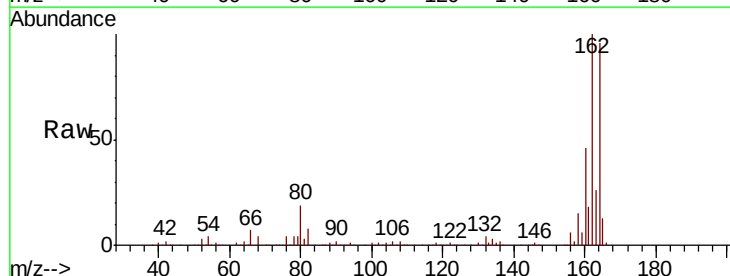


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

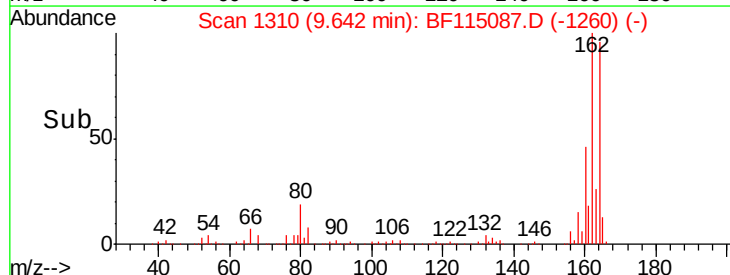
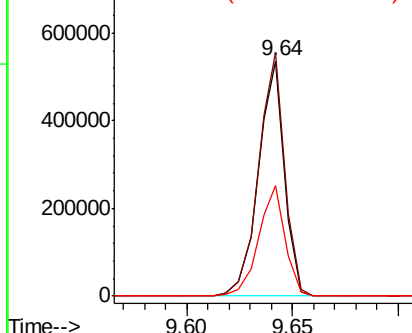


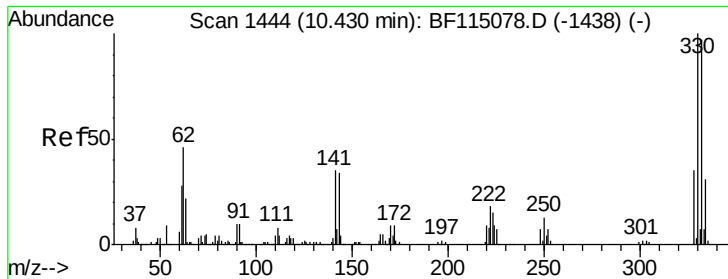
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115087.D
Acq: 21 Jun 2019 19:38

Tgt Ion:164 Resp: 457222
Ion Ratio Lower Upper
164 100
162 103.7 81.7 122.5
160 47.2 37.0 55.4



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: 124.960 ng

RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115087.D

Acq: 21 Jun 2019 19:38

Instrument :

BNA_F

ClientSampleId :

PB120722BL

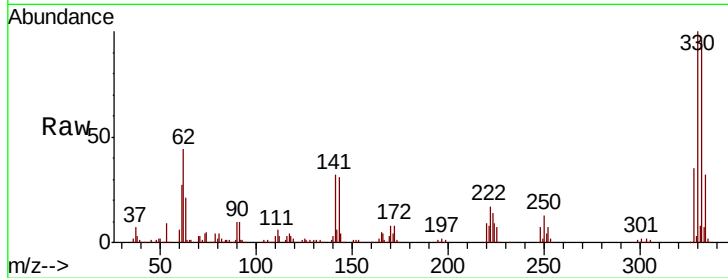
Tot Ion:330 Resp: 602503

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

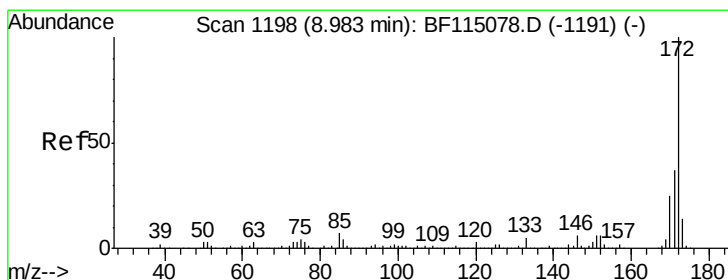
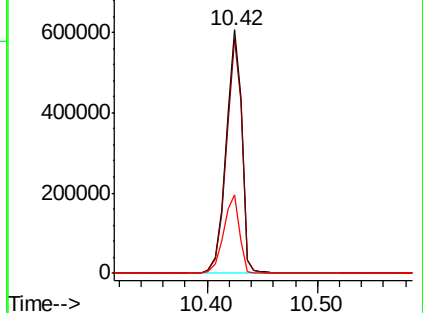
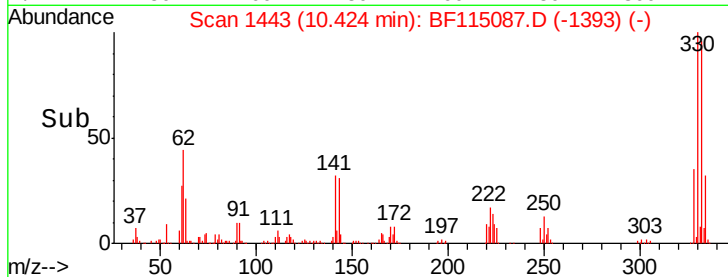
141 32.7 28.2 42.2



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: 87.435 ng

RT: 8.98 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF115087.D

Acq: 21 Jun 2019 19:38

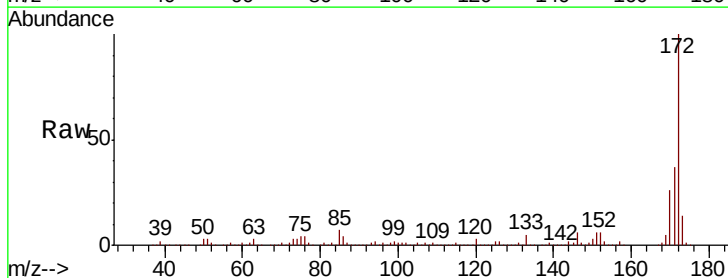
Tgt Ion:172 Resp: 2353514

Ion Ratio Lower Upper

172 100

171 37.3 29.8 44.6

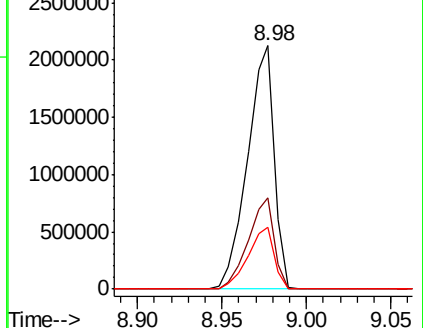
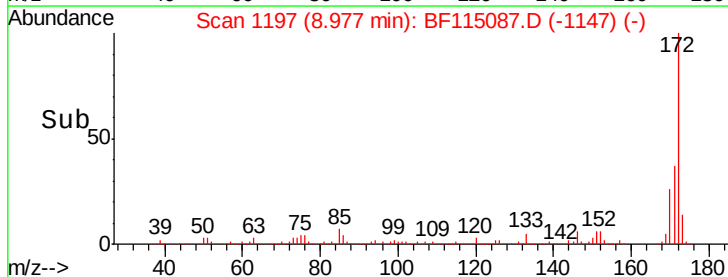
170 25.6 20.3 30.5

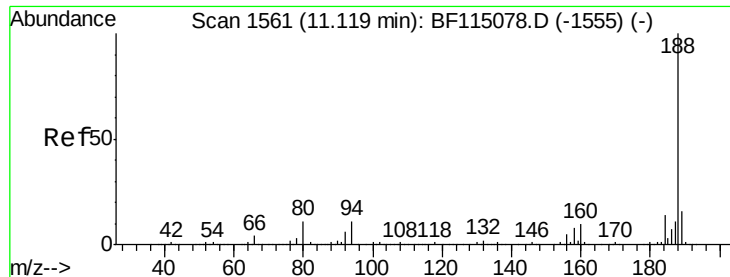


Abundance Ion 172.00 (171.70 to 172.70): E

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# 1560

Delta R.T. -0.01 min

Lab File: BF115087.D

Acq: 21 Jun 2019 19:38

Instrument :

BNA_F

ClientSampleId :

PB120722BL

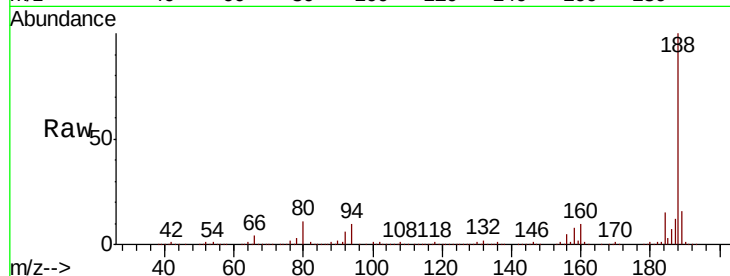
Tot Ion:188 Resp: 944065

Ion Ratio Lower Upper

188 100

94 10.3 8.6 12.8

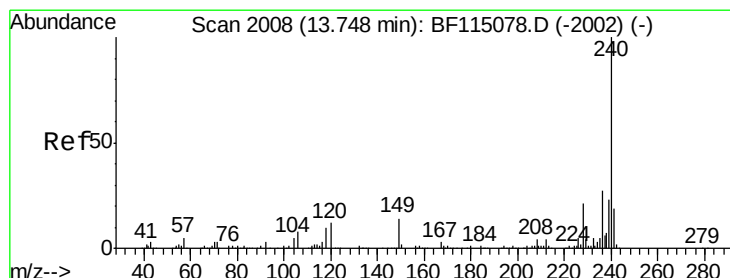
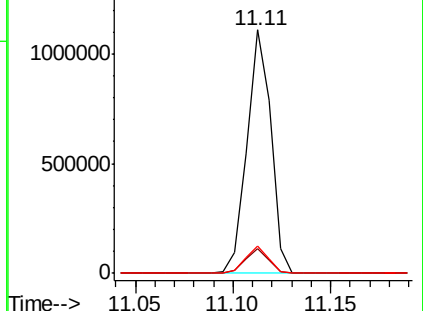
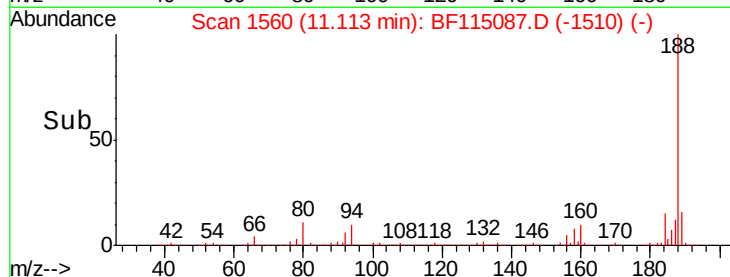
80 11.1 8.8 13.2



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: 13.74 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF115087.D

Acq: 21 Jun 2019 19:38

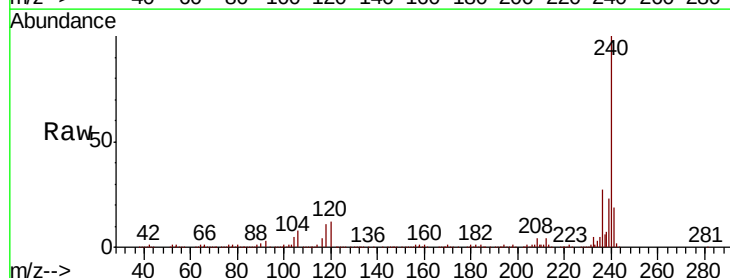
Tgt Ion:240 Resp: 794247

Ion Ratio Lower Upper

240 100

120 12.2 9.4 14.2

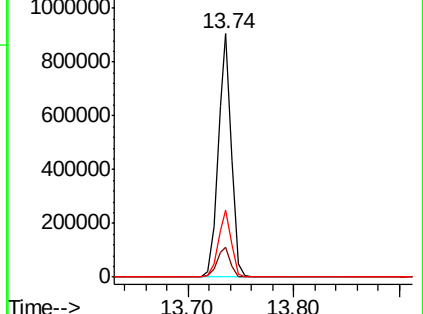
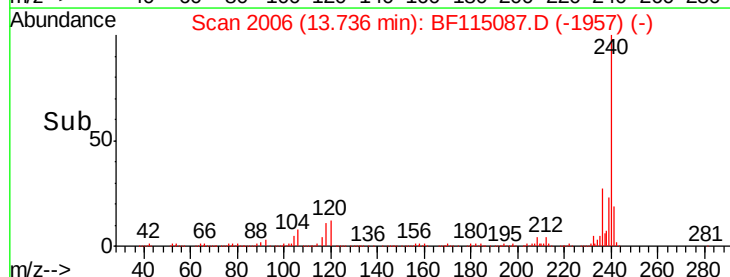
236 27.4 21.7 32.5

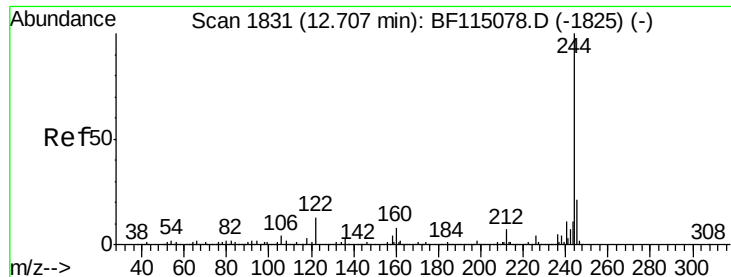


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.557 ng

RT: 12.71 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF115087.D

Acq: 21 Jun 2019 19:38

Instrument :

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PB120722BL

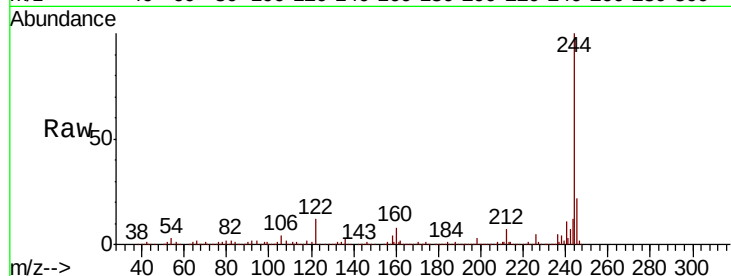
Tot Ion:244 Resp: 2785138

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

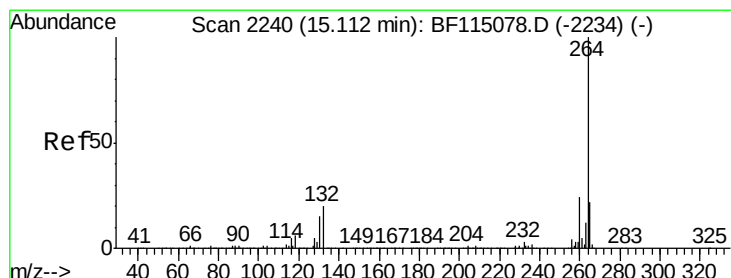
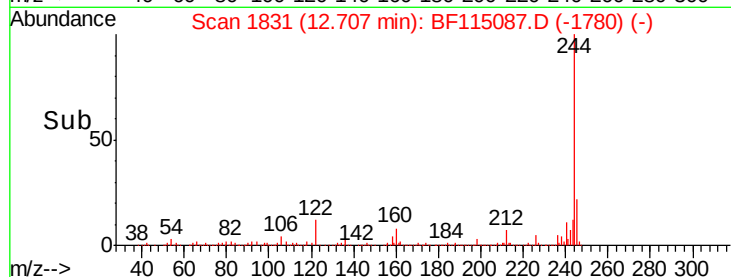
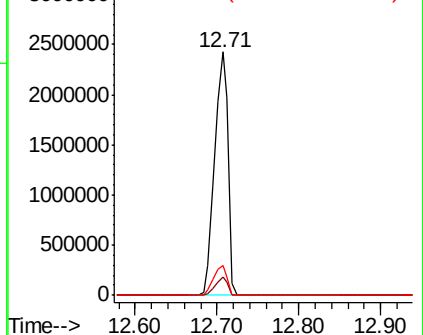
122 12.4 10.4 15.6



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: 15.11 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF115087.D

Acq: 21 Jun 2019 19:38

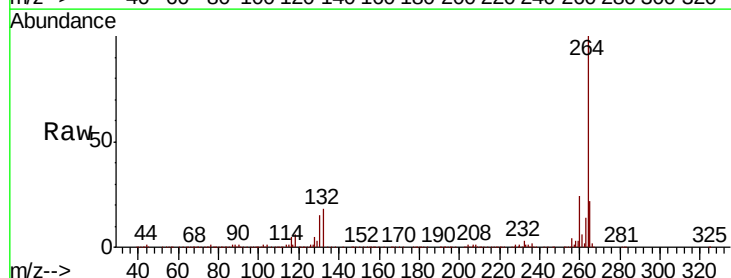
Tgt Ion:264 Resp: 849631

Ion Ratio Lower Upper

264 100

260 24.5 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

