

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
 Data File : BF115856.D
 Acq On : 31 Jul 2019 10:15
 Operator : HP/JU
 Sample : PB121703BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BL

Quant Time: Jul 31 18:40:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	154827	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	585613	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	311957	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	556527	20.00	ng	0.00
76) Chrysene-d12	14.02	240	426378	20.00	ng	0.00
87) Perylene-d12	15.49	264	396931	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1142518	123.53	ng	0.02
7) Phenol-d6	6.49	99	1484454	127.22	ng	0.00
23) Nitrobenzene-d5	7.41	82	953172	93.95	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	403103	133.28	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1623106	97.46	ng	0.00
79) Terphenyl-d14	12.97	244	1801254	89.02	ng	0.00

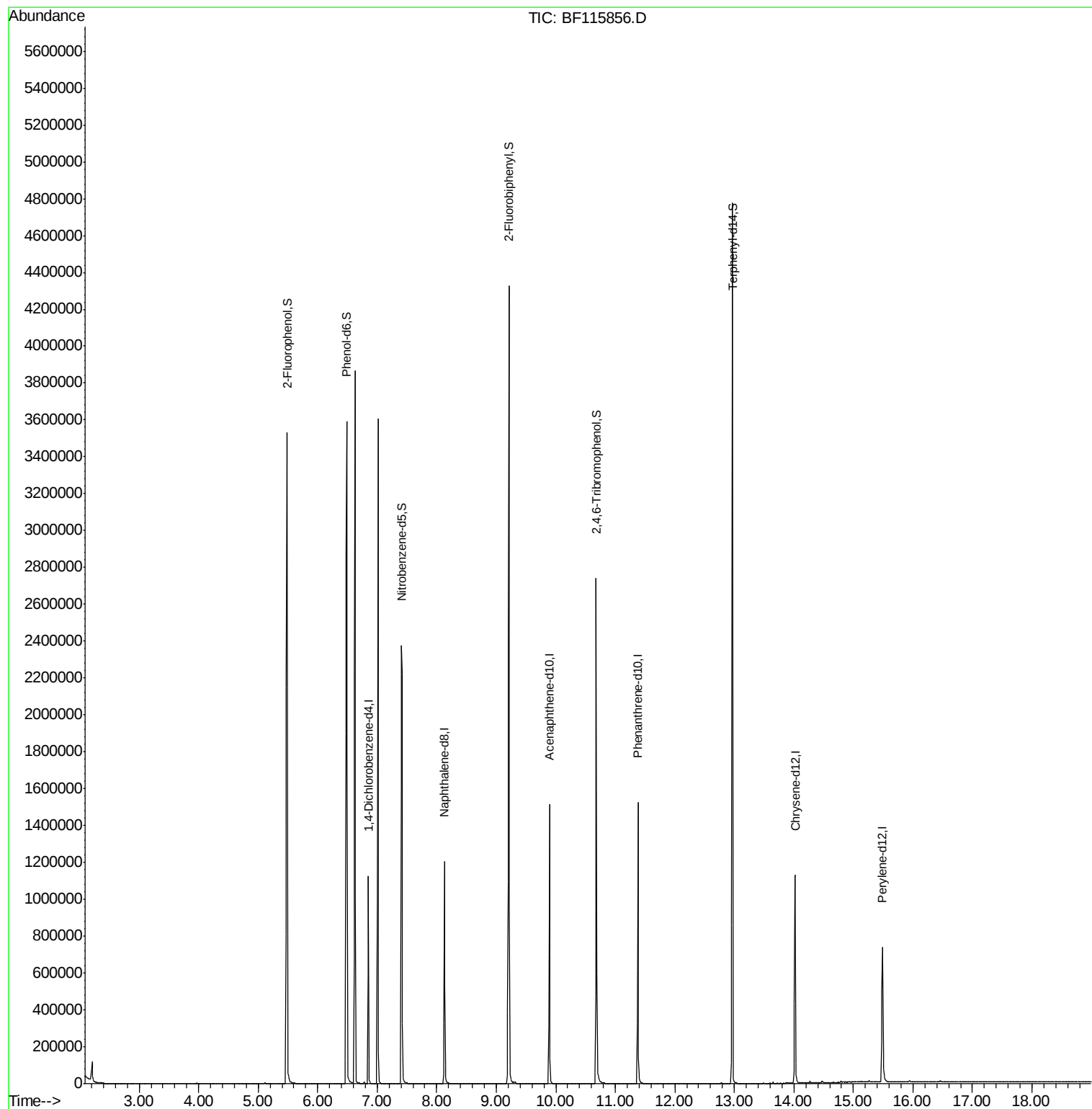
Target Compounds Qvalue

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

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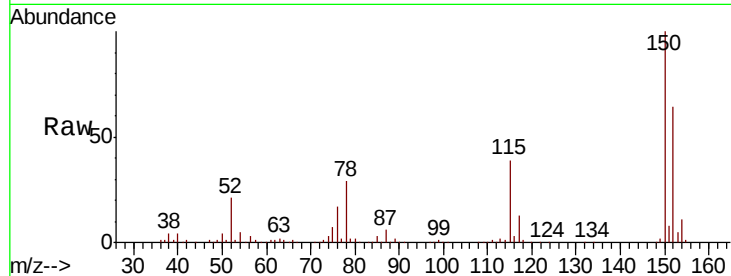


#1

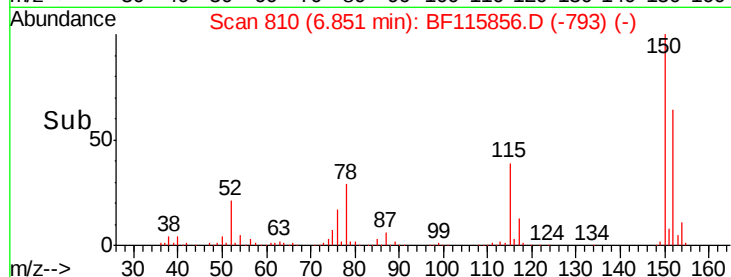
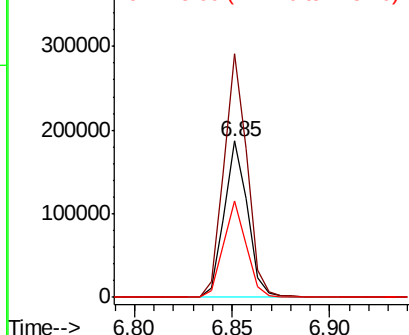
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115856.D
Acq: 31 Jul 2019 10:15

Instrument :
BNA_F
ClientSampleId :
PB121703BL

Tot Ion:152 Resp: 154827
Ion Ratio Lower Upper
152 100
150 156.1 127.4 191.0
115 61.4 51.8 77.8



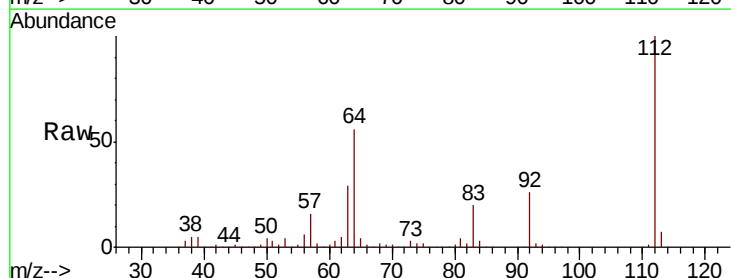
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



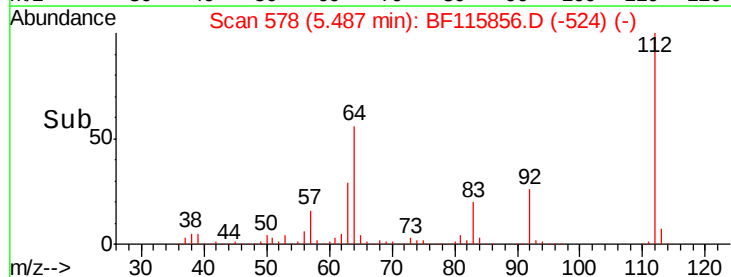
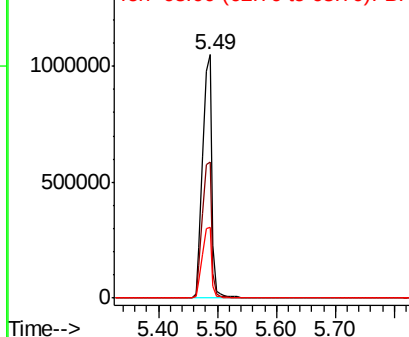
#5

2-Fluorophenol
Concen: 123.534 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF115856.D
Acq: 31 Jul 2019 10:15

Tgt Ion:112 Resp: 1142518
Ion Ratio Lower Upper
112 100
64 55.9 46.8 70.2
63 29.0 24.2 36.2



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: 127.217 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115856.D

Acq: 31 Jul 2019 10:15

Instrument :

BNA_F

ClientSampleId :

PB121703BL

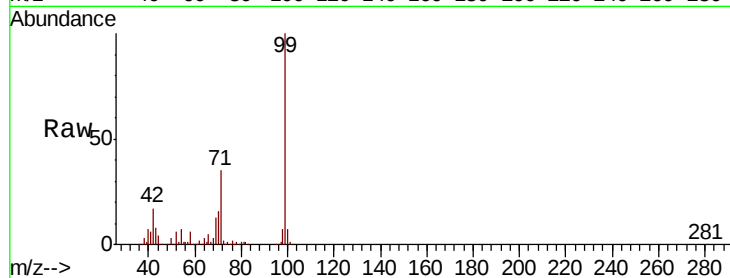
Tot Ion: 99 Resp: 1484454

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.6

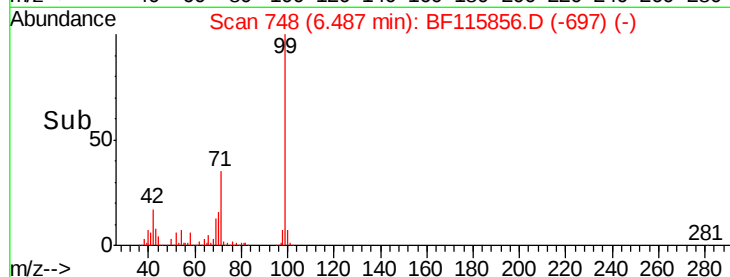
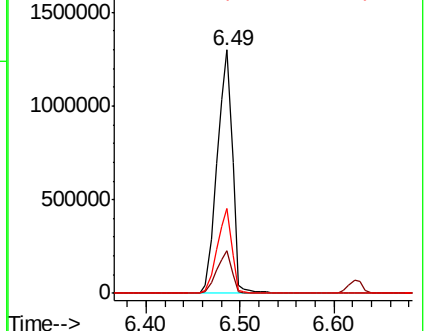
71 34.6 27.1 40.7



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: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF115856.D

Acq: 31 Jul 2019 10:15

Tgt Ion: 136 Resp: 585613

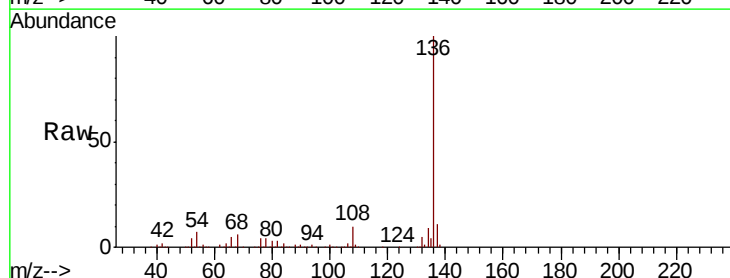
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.9 6.1 9.1

68 5.9 5.4 8.2

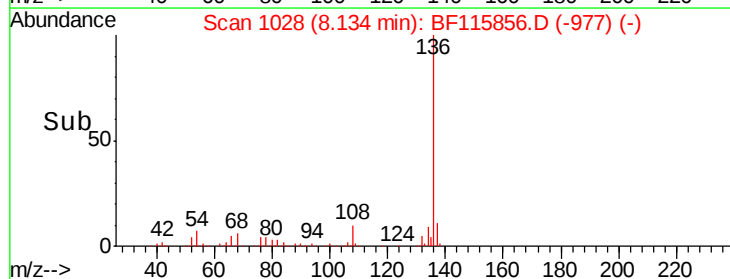
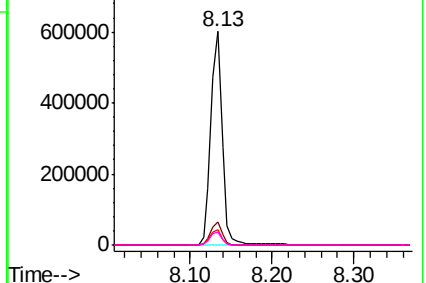


Abundance Ion 136.00 (135.70 to 136.70): E

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

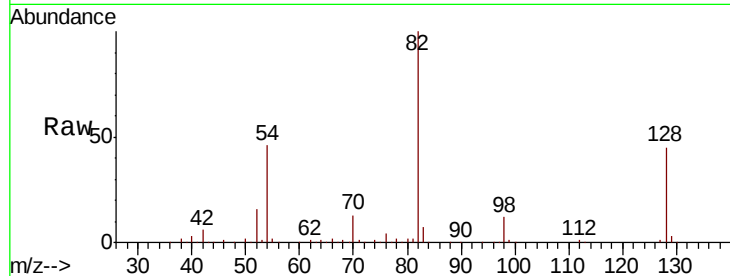




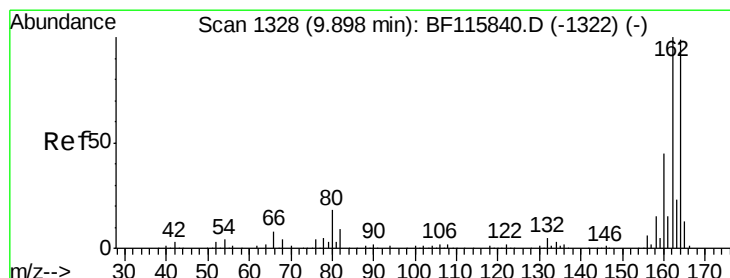
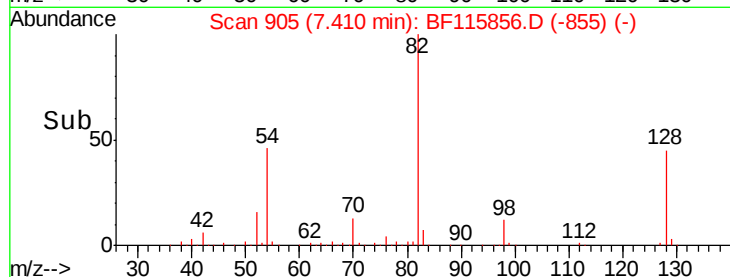
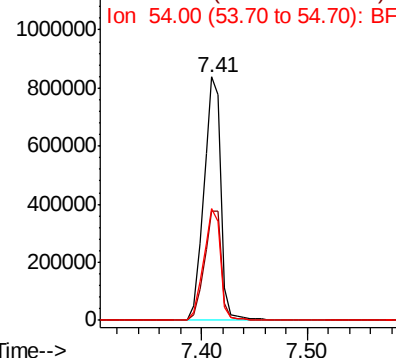
#23
Nitrobenzene-d5
Concen: 93.953 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115856.D
Acq: 31 Jul 2019 10:15

Instrument :
BNA_F
ClientSampled :
PB121703BL

Tot Ion: 82 Resp: 953172
Ion Ratio Lower Upper
82 100
128 44.8 36.6 55.0
54 45.7 36.6 55.0

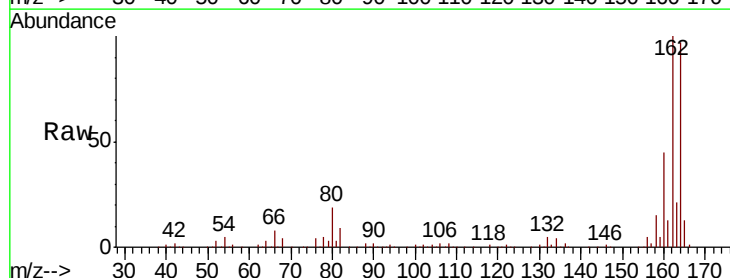


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

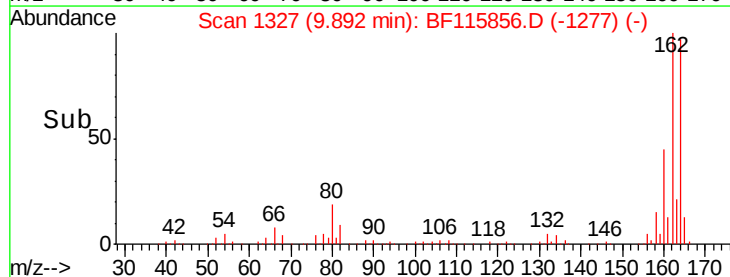
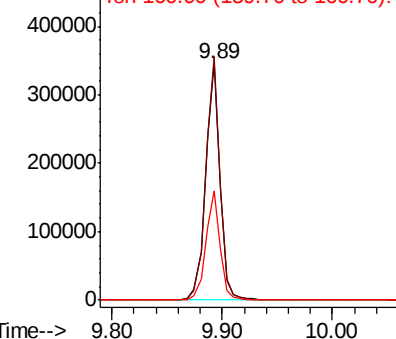


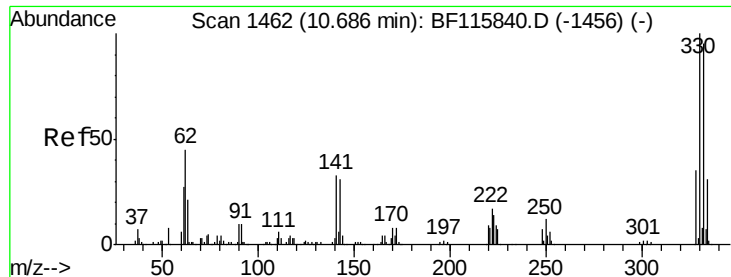
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115856.D
Acq: 31 Jul 2019 10:15

Tgt Ion: 164 Resp: 311957
Ion Ratio Lower Upper
164 100
162 102.7 80.8 121.2
160 46.2 36.2 54.4



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: 133.279 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF115856.D

Acq: 31 Jul 2019 10:15

Instrument :

BNA_F

ClientSampleId :

PB121703BL

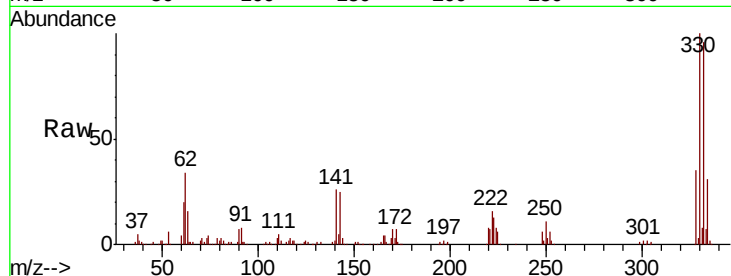
Tot Ion:330 Resp: 403103

Ion Ratio Lower Upper

330 100

332 95.9 77.7 116.5

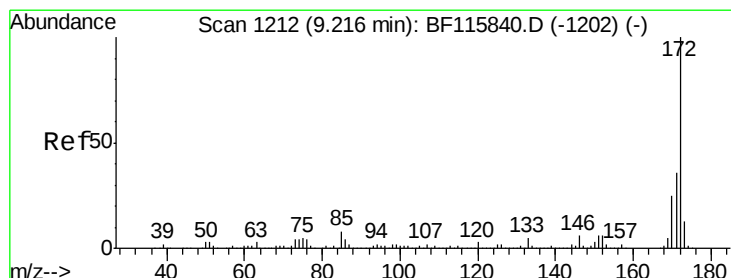
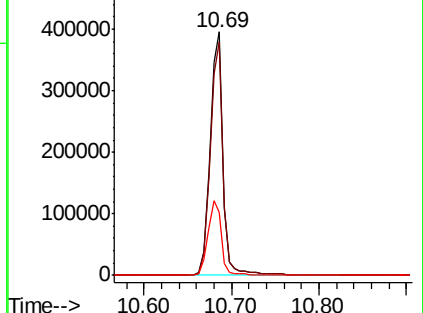
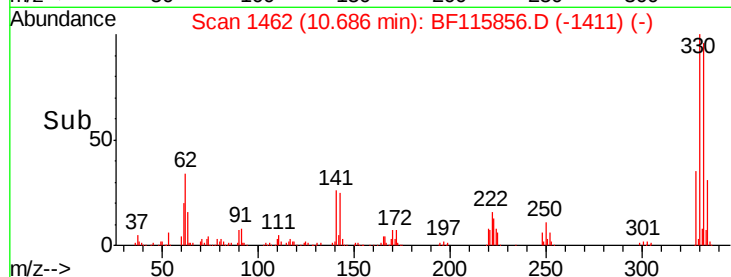
141 33.0 28.1 42.1



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: 97.456 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF115856.D

Acq: 31 Jul 2019 10:15

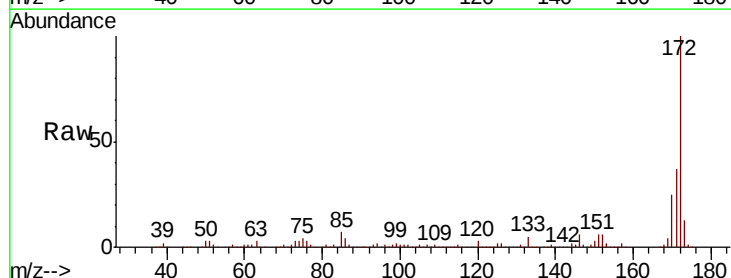
Tgt Ion:172 Resp: 1623106

Ion Ratio Lower Upper

172 100

171 37.0 29.1 43.7

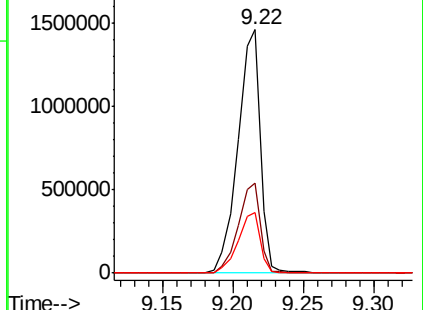
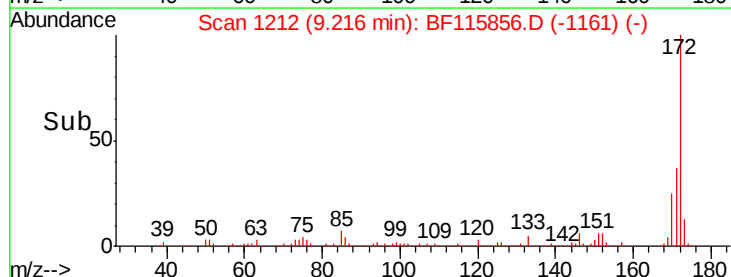
170 24.9 20.1 30.1

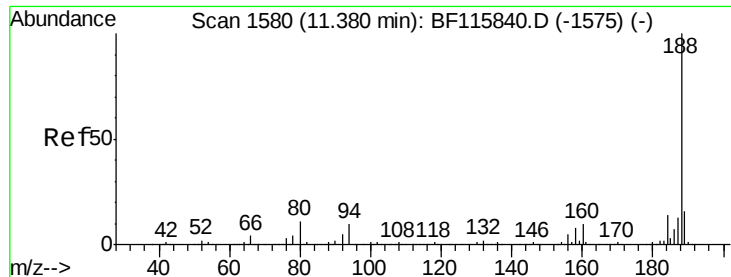


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

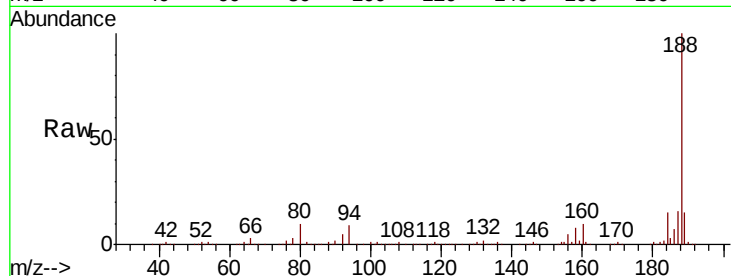




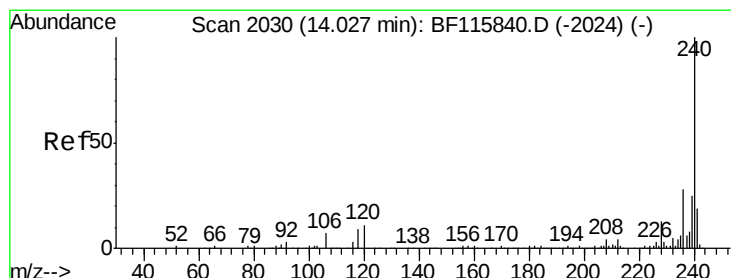
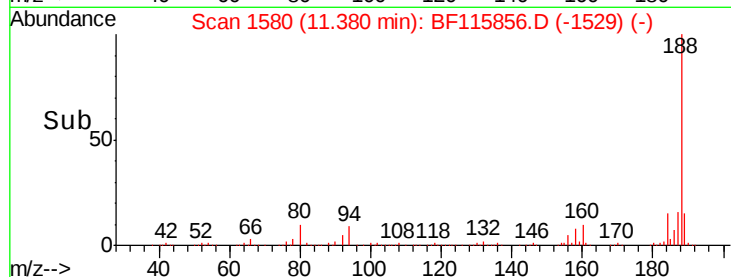
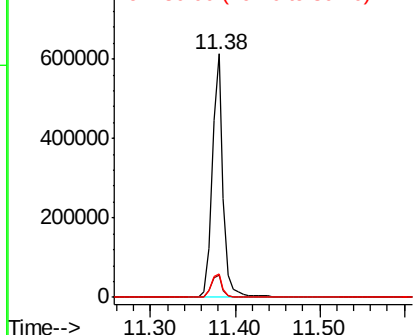
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115856.D
Acq: 31 Jul 2019 10:15

Instrument :
BNA_F
ClientSampleId :
PB121703BL

Tot Ion:188 Resp: 556527
Ion Ratio Lower Upper
188 100
94 8.9 8.0 12.0
80 9.7 8.6 12.8

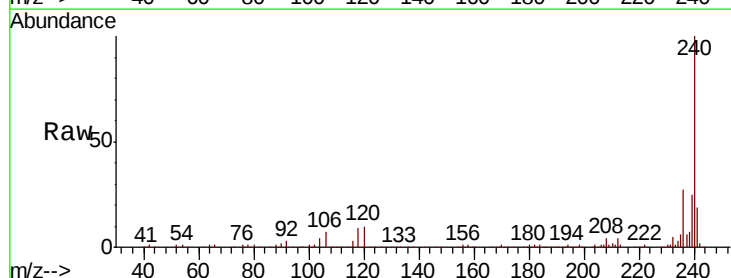


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

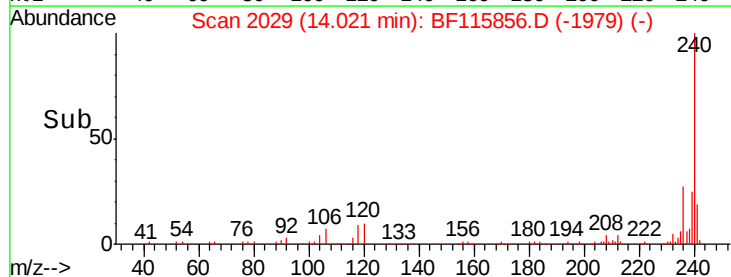
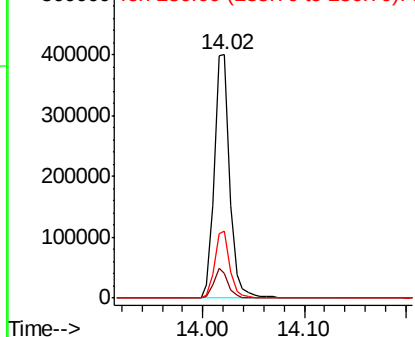


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115856.D
Acq: 31 Jul 2019 10:15

Tgt Ion:240 Resp: 426378
Ion Ratio Lower Upper
240 100
120 10.3 8.5 12.7
236 27.4 22.2 33.2



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: 89.018 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115856.D

Acq: 31 Jul 2019 10:15

Instrument :

BNA_F

ClientSampleId :

PB121703BL

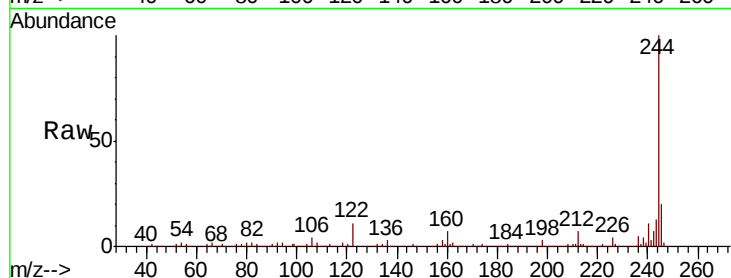
Tot Ion:244 Resp: 1801254

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

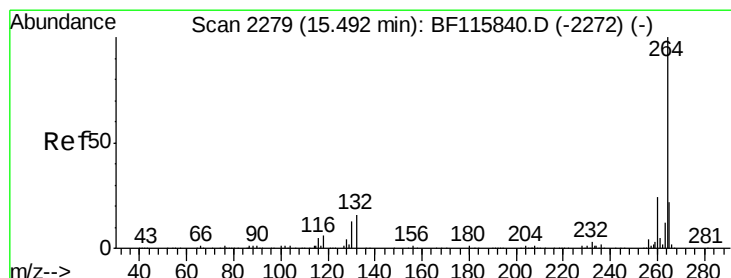
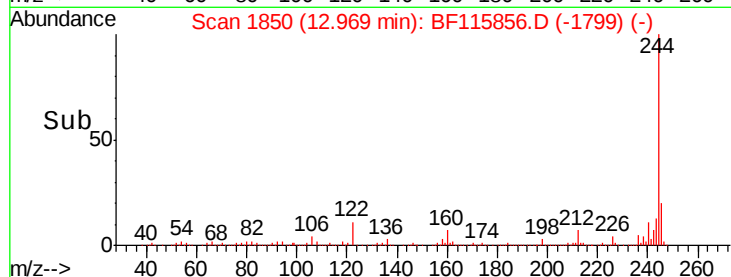
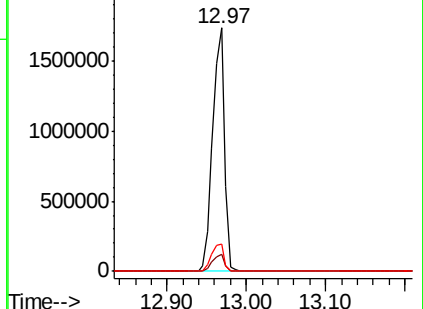
122 11.1 8.6 13.0



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: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF115856.D

Acq: 31 Jul 2019 10:15

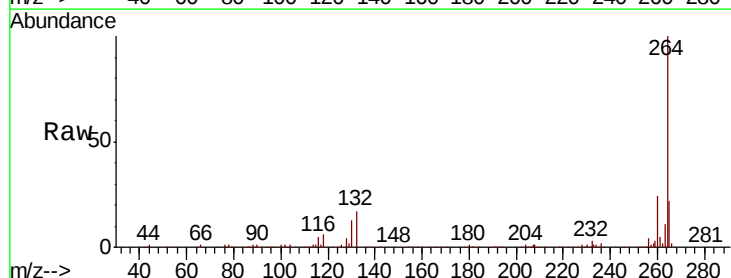
Tgt Ion:264 Resp: 396931

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.9 17.5 26.3



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

