

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115899.D
 Acq On : 1 Aug 2019 11:22
 Operator : HP/JU
 Sample : PB121853BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121853BL

Quant Time: Aug 01 14:00:39 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	160445	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	619784	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	339572	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	614012	20.00	ng	0.00
76) Chrysene-d12	14.02	240	448437	20.00	ng	0.00
87) Perylene-d12	15.50	264	418774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1079461	112.63	ng	0.02
7) Phenol-d6	6.49	99	1395154	115.38	ng	0.00
23) Nitrobenzene-d5	7.42	82	907064	84.48	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	397590	120.77	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1598260	88.16	ng	0.00
79) Terphenyl-d14	12.97	244	1874145	88.06	ng	0.00

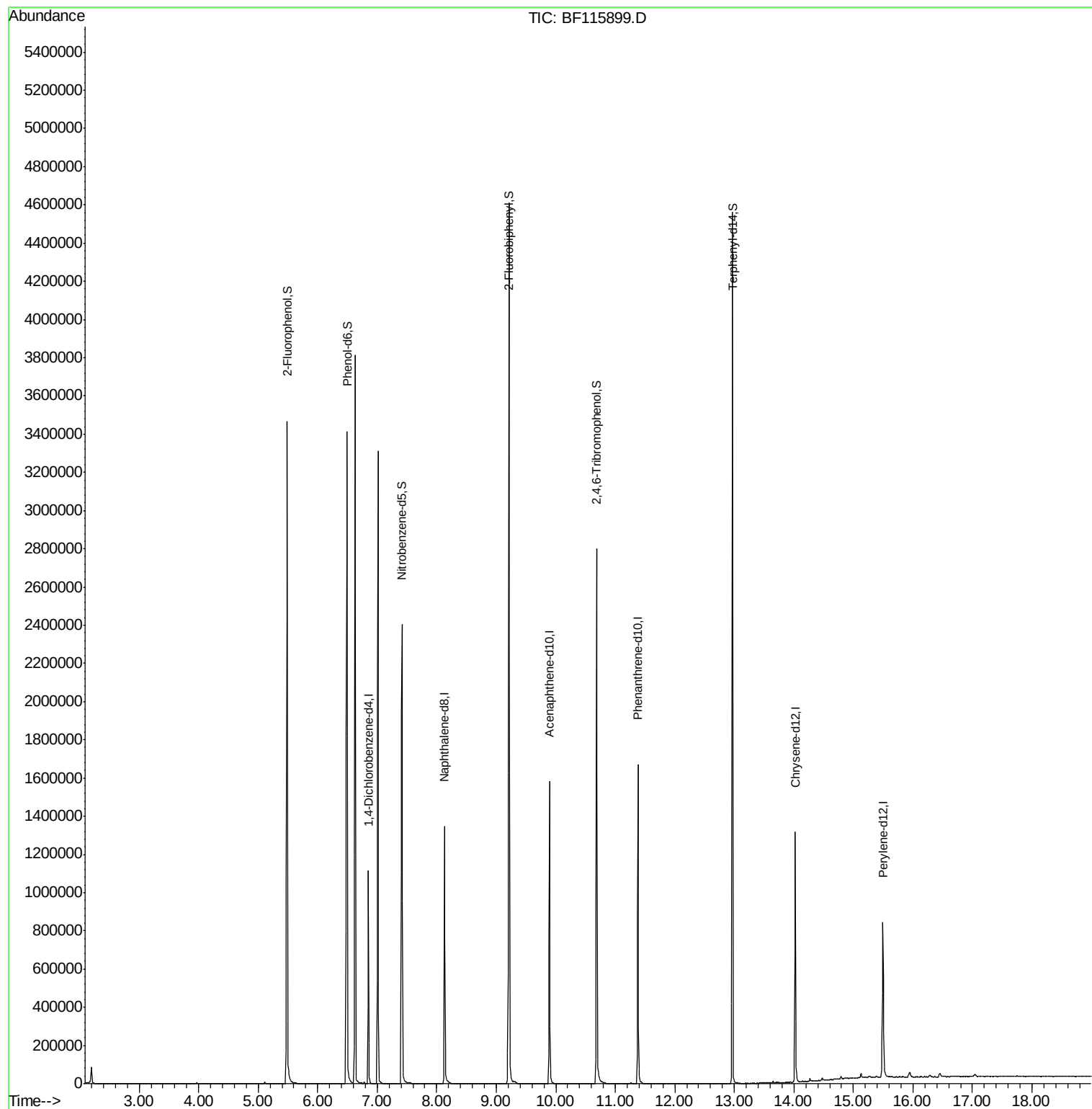
Target Compounds Qvalue

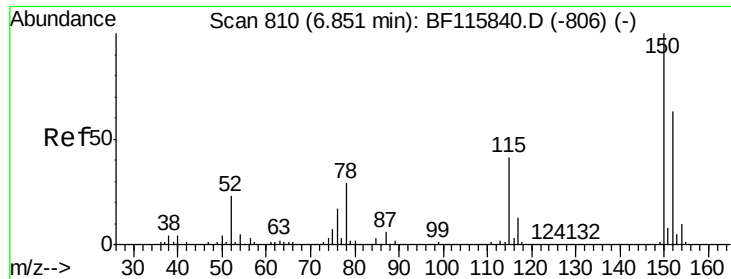
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF115899.D

Acq: 1 Aug 2019 11:22

Instrument :

BNA_F

ClientSampleId :

PB121853BL

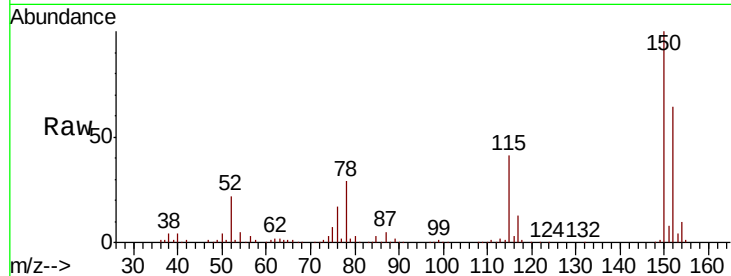
Tot Ion:152 Resp: 160445

Ion Ratio Lower Upper

152 100

150 156.7 127.4 191.0

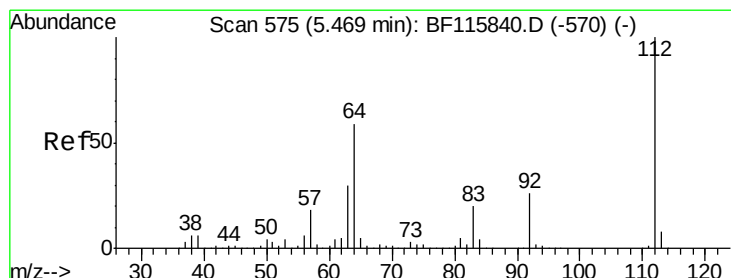
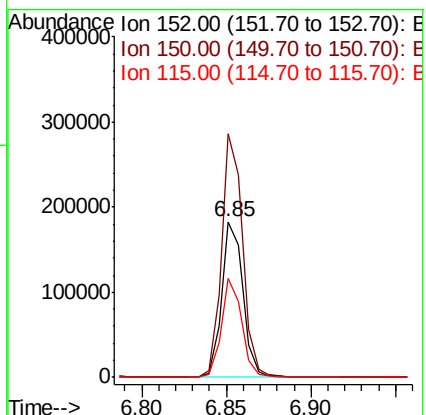
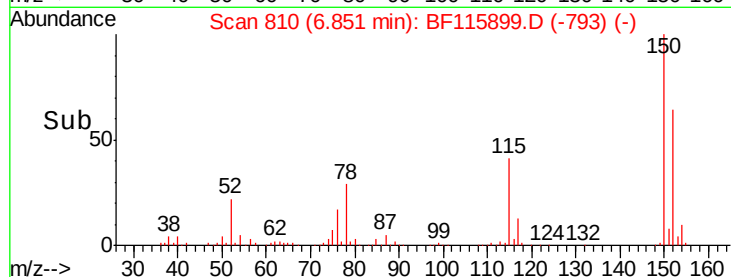
115 63.6 51.8 77.8



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: 112.630 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF115899.D

Acq: 1 Aug 2019 11:22

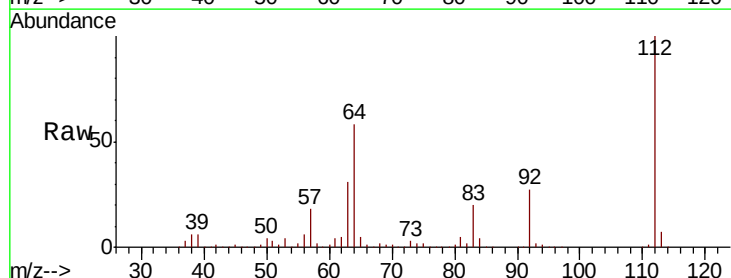
Tgt Ion:112 Resp: 1079461

Ion Ratio Lower Upper

112 100

64 58.0 46.8 70.2

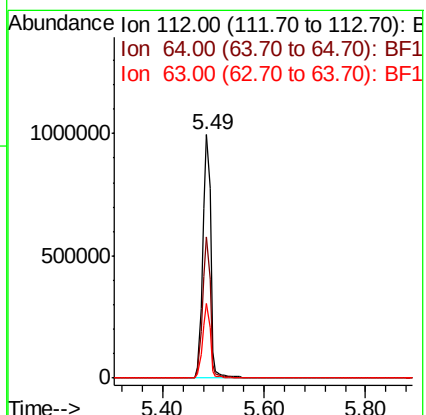
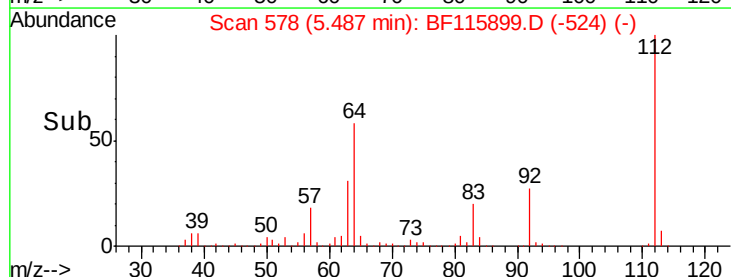
63 30.6 24.2 36.2

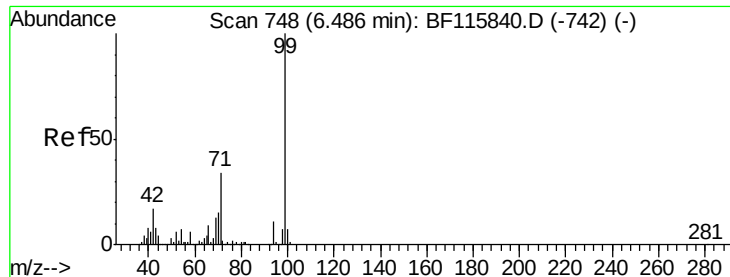


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 115.377 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115899.D

Acq: 1 Aug 2019 11:22

Instrument :

BNA_F

ClientSampleId :

PB121853BL

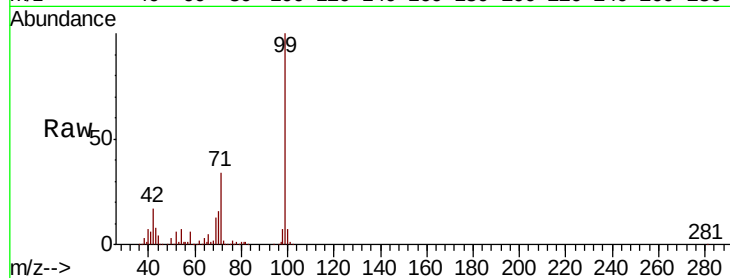
Tot Ion: 99 Resp: 1395154

Ion Ratio Lower Upper

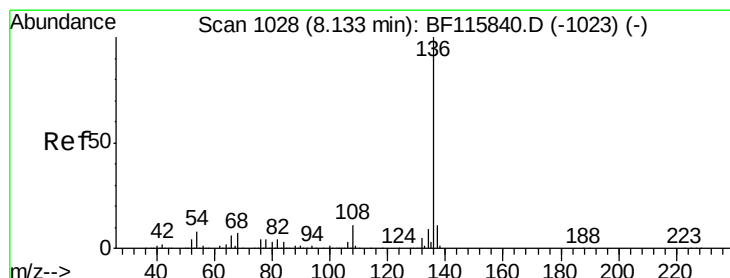
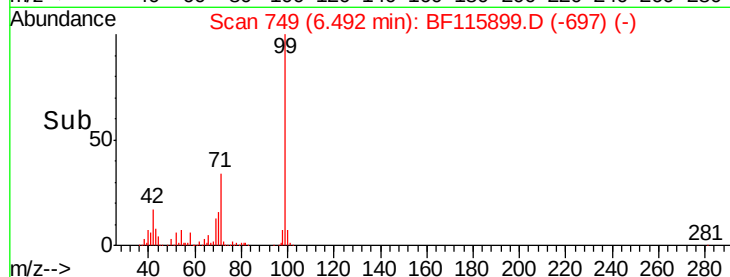
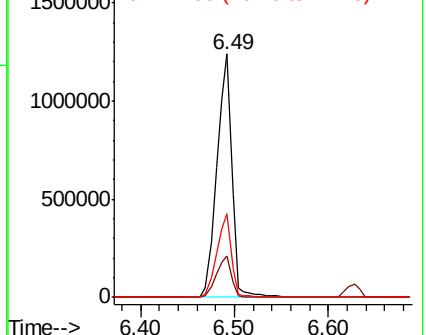
99 100

42 16.9 13.8 20.6

71 34.5 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: BF115899.D

Acq: 1 Aug 2019 11:22

Tgt Ion: 136 Resp: 619784

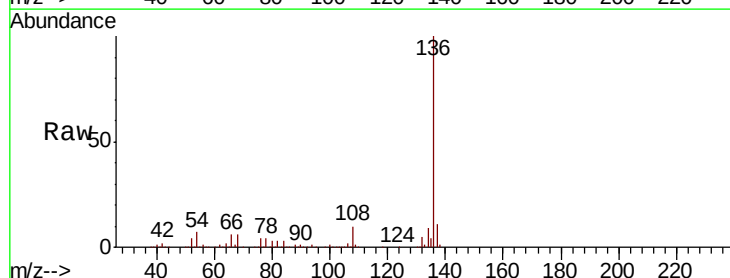
Ion Ratio Lower Upper

136 100

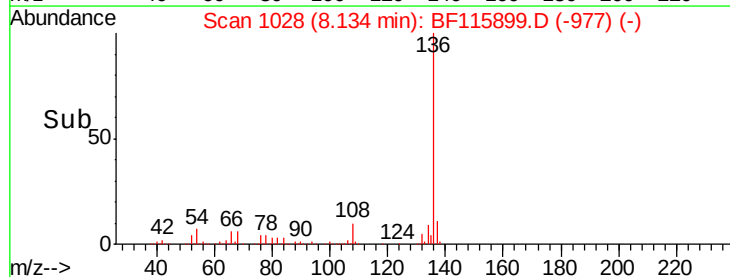
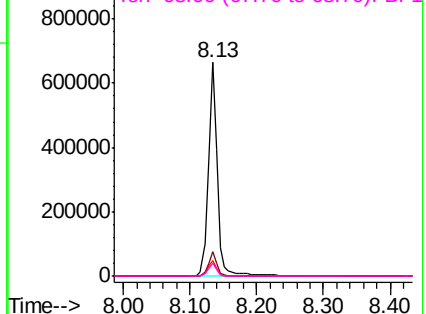
137 11.2 9.1 13.7

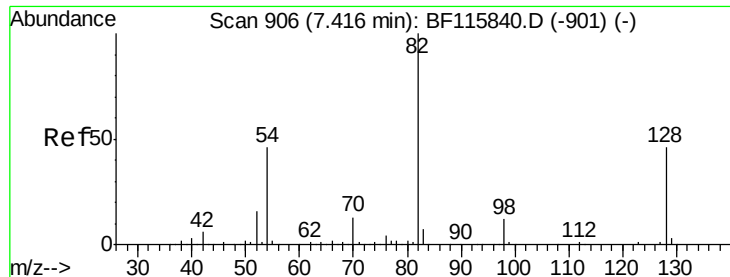
54 7.3 6.1 9.1

68 6.1 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

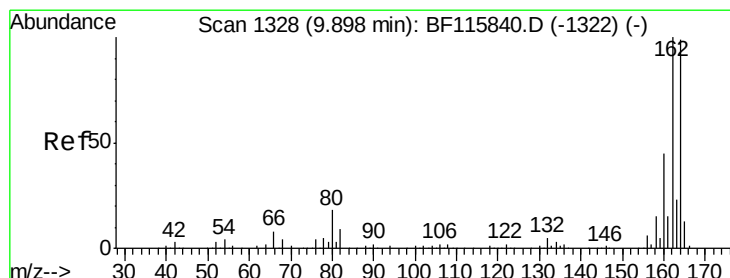
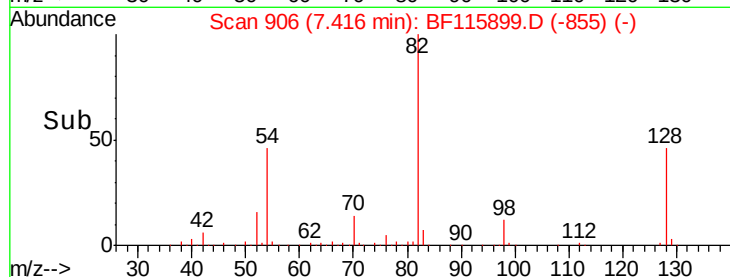
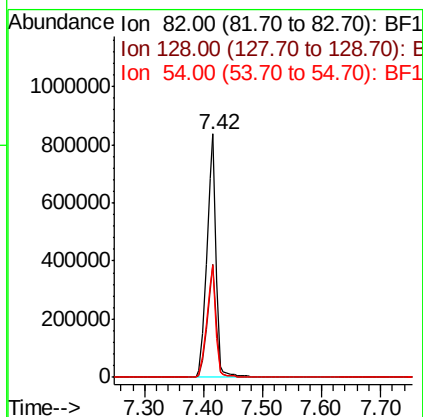
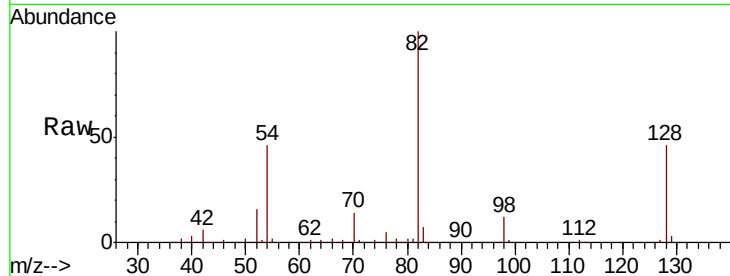




#23
 Nitrobenzene-d5
 Concen: 84.479 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115899.D
 Acq: 1 Aug 2019 11:22

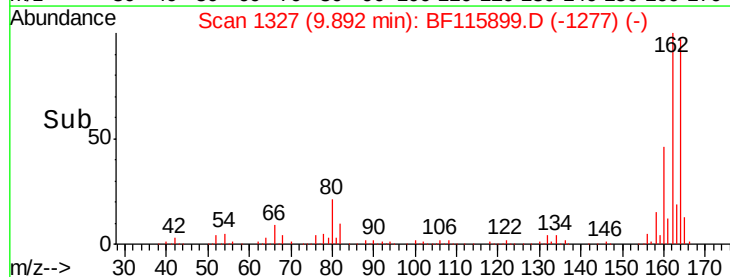
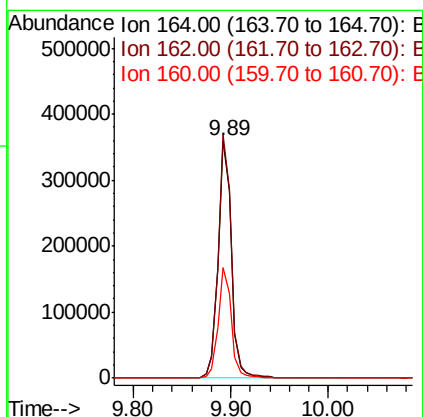
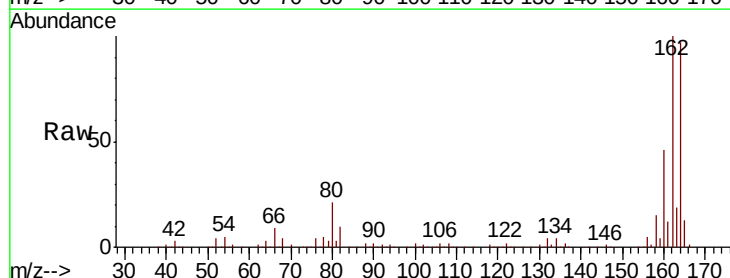
Instrument :
 BNA_F
 ClientSampled :
 PB121853BL

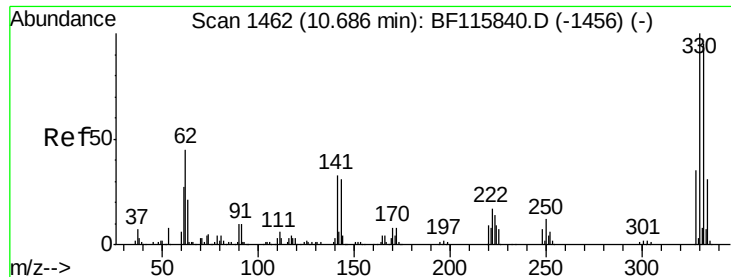
Tot Ion: 82 Resp: 907064
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.6 55.0
 54 46.0 36.6 55.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF115899.D
 Acq: 1 Aug 2019 11:22

Tgt Ion:164 Resp: 339572
 Ion Ratio Lower Upper
 164 100
 162 102.6 80.8 121.2
 160 46.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 120.766 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF115899.D

Acq: 1 Aug 2019 11:22

Instrument :

BNA_F

ClientSampleId :

PB121853BL

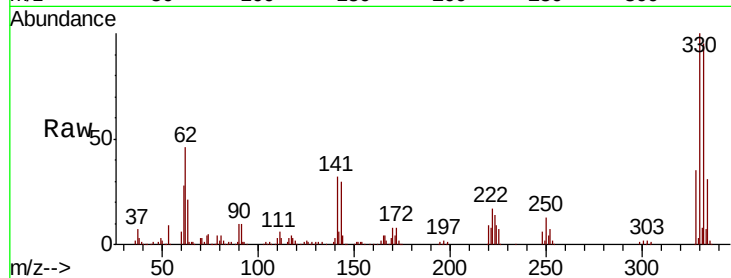
Tot Ion:330 Resp: 397590

Ion Ratio Lower Upper

330 100

332 95.9 77.7 116.5

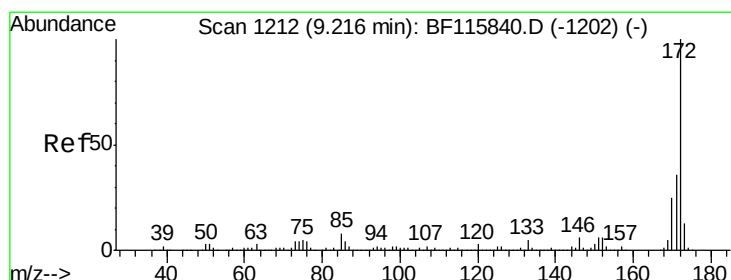
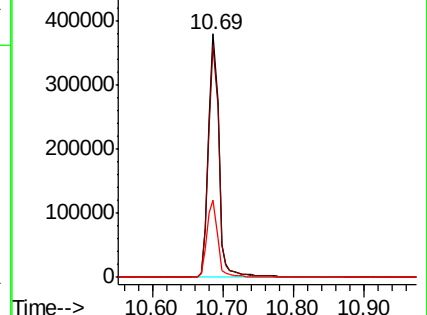
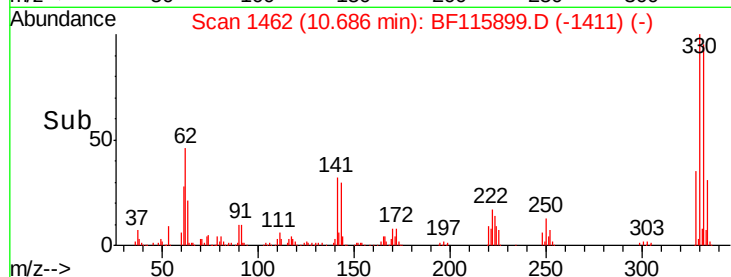
141 33.1 28.1 42.1



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: 88.160 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF115899.D

Acq: 1 Aug 2019 11:22

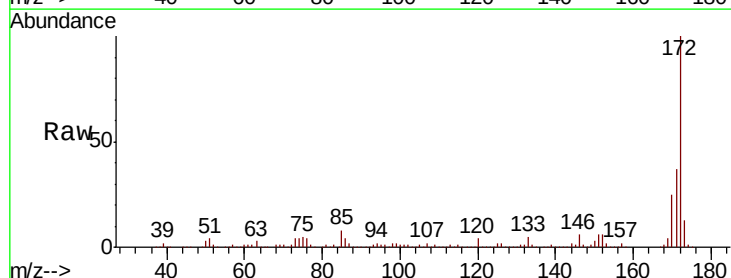
Tgt Ion:172 Resp: 1598260

Ion Ratio Lower Upper

172 100

171 36.7 29.1 43.7

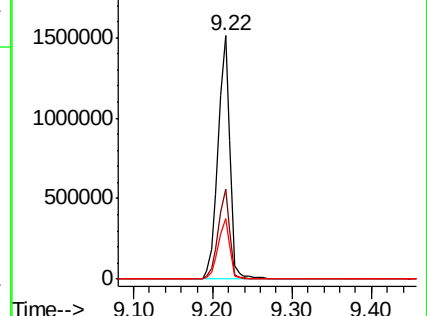
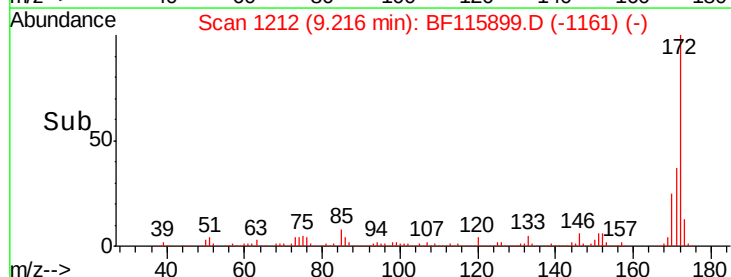
170 24.9 20.1 30.1

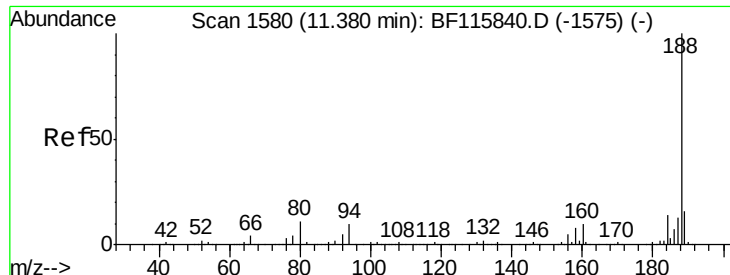


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

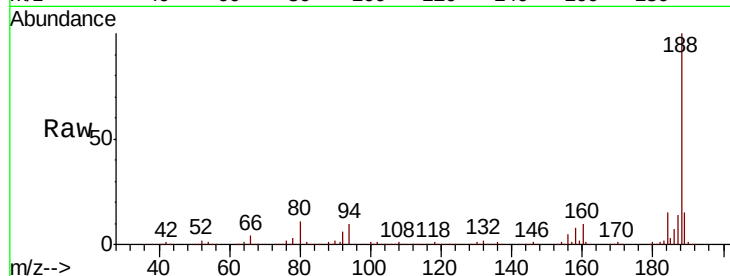




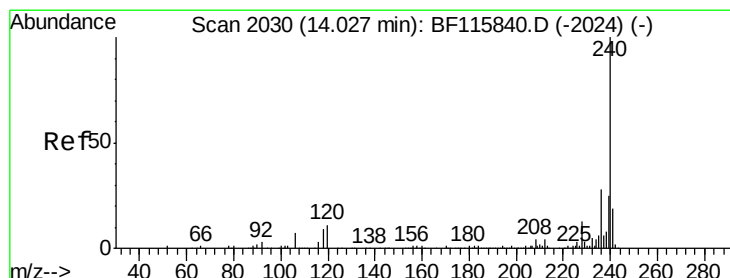
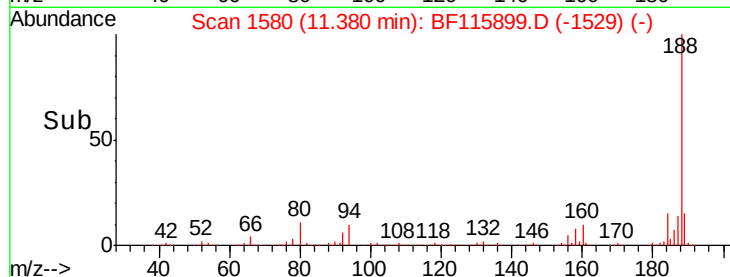
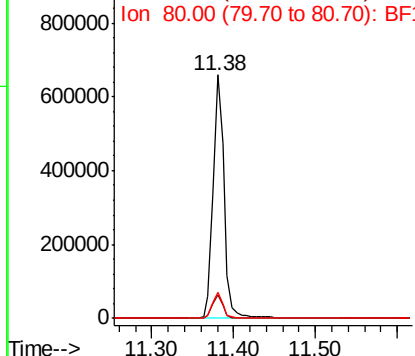
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115899.D
Acq: 1 Aug 2019 11:22

Instrument :
BNA_F
ClientSampleId :
PB121853BL

Tot Ion:188 Resp: 614012
Ion Ratio Lower Upper
188 100
94 9.8 8.0 12.0
80 10.9 8.6 12.8

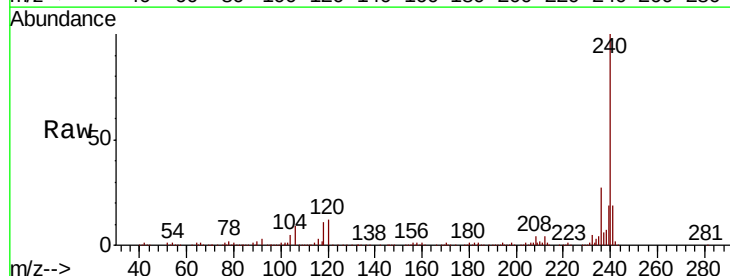


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

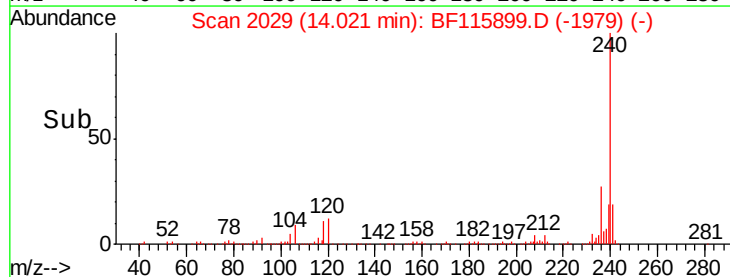
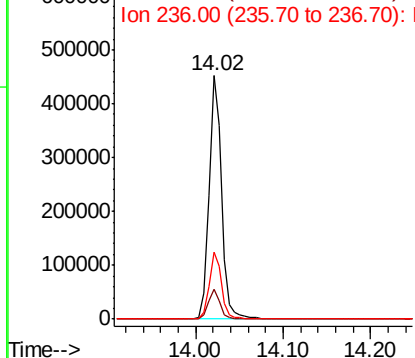


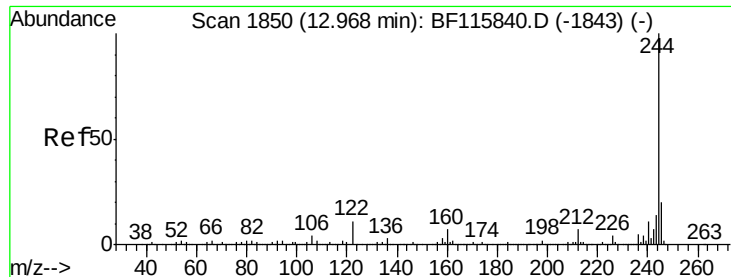
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115899.D
Acq: 1 Aug 2019 11:22

Tgt Ion:240 Resp: 448437
Ion Ratio Lower Upper
240 100
120 12.1 8.5 12.7
236 27.3 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: 88.064 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115899.D

Acq: 1 Aug 2019 11:22

Instrument :

BNA_F

ClientSampleId :

PB121853BL

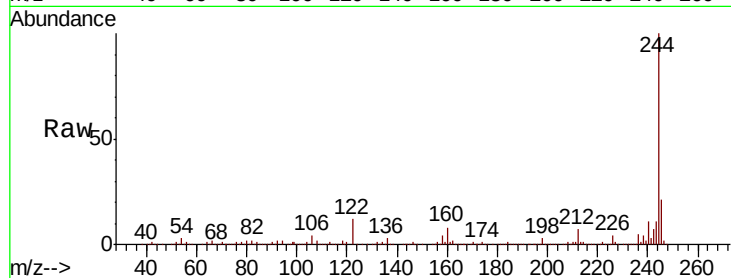
Tot Ion:244 Resp: 1874145

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

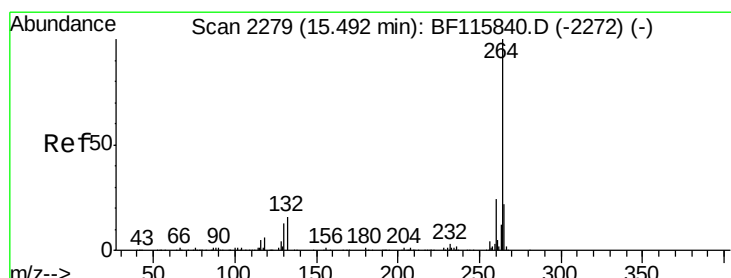
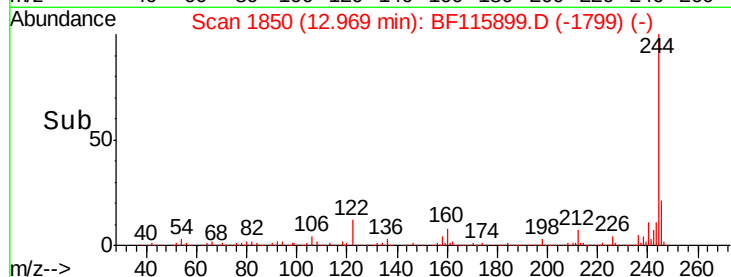
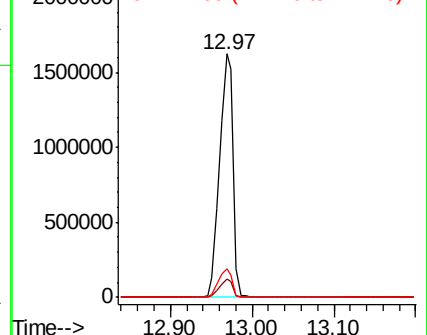
122 11.9 8.6 13.0



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: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF115899.D

Acq: 1 Aug 2019 11:22

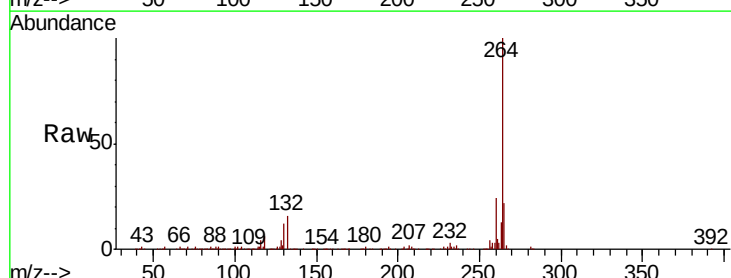
Tgt Ion:264 Resp: 418774

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.5 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

