

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
 Data File : BF115859.D
 Acq On : 31 Jul 2019 12:12
 Operator : HP/JU
 Sample : PB121767BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121767BL

Quant Time: Jul 31 18:45:13 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	148935	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	558443	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	298870	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	526103	20.00	ng	0.00
76) Chrysene-d12	14.02	240	393994	20.00	ng	-0.01
87) Perylene-d12	15.49	264	358597	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1115183	125.35	ng	0.01
7) Phenol-d6	6.49	99	1447361	128.94	ng	0.00
23) Nitrobenzene-d5	7.41	82	926480	95.76	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	379093	130.83	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1565574	98.12	ng	0.00
79) Terphenyl-d14	12.97	244	1683739	90.05	ng	0.00

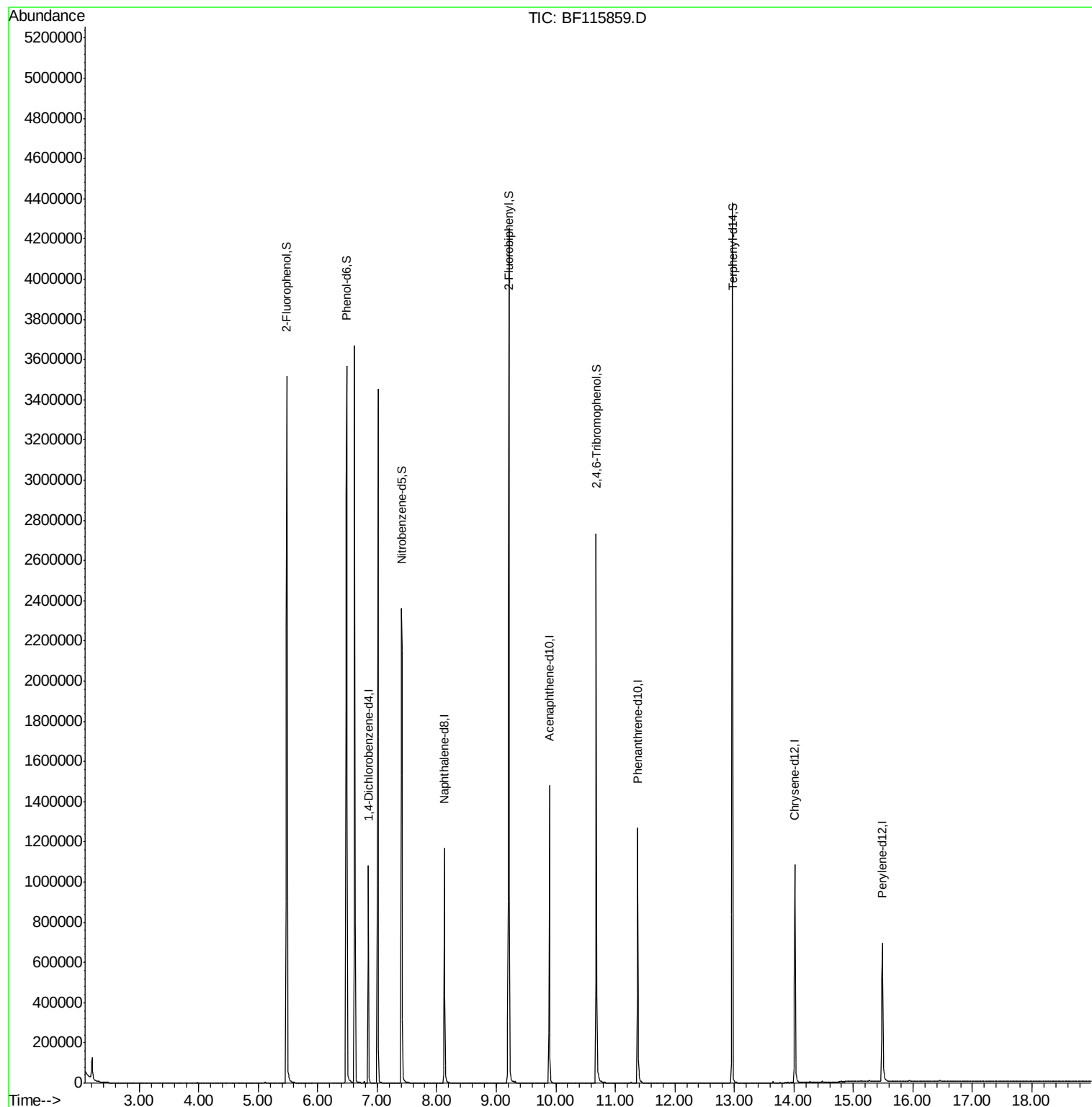
Target Compounds Qvalue

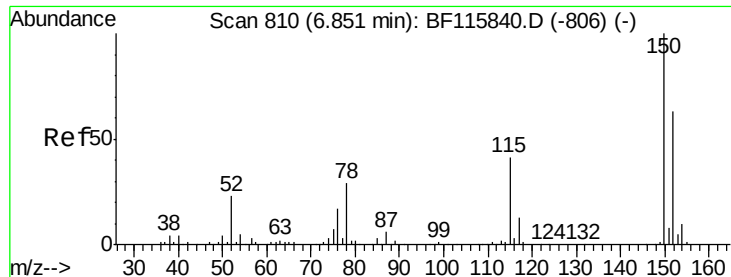
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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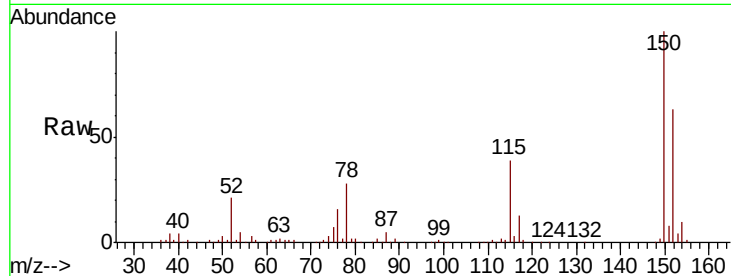


#1

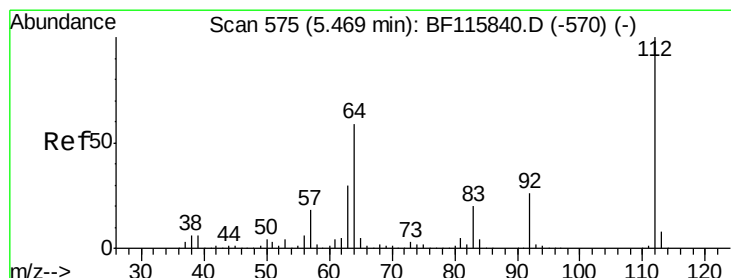
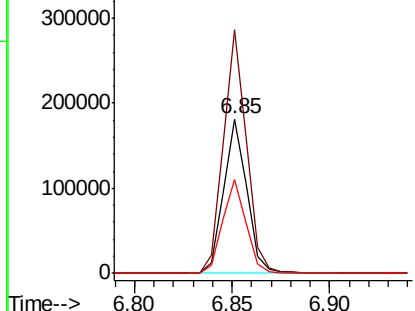
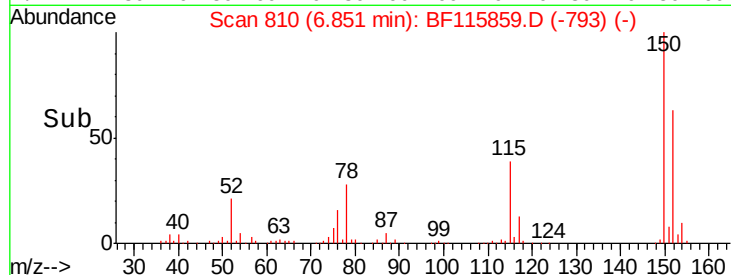
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF115859.D
 Acq: 31 Jul 2019 12:12

Instrument :
 BNA_F
 ClientSampleId :
 PB121767BL

Tot Ion:152 Resp: 148935
 Ion Ratio Lower Upper
 152 100
 150 158.0 127.4 191.0
 115 61.0 51.8 77.8



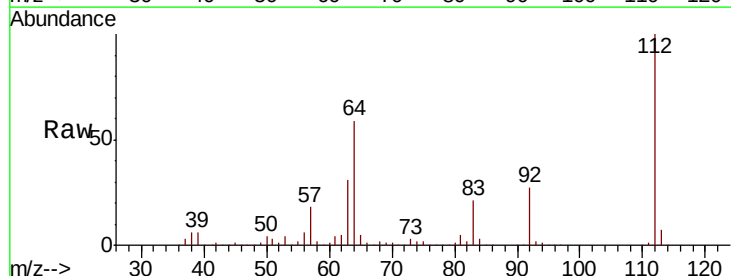
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



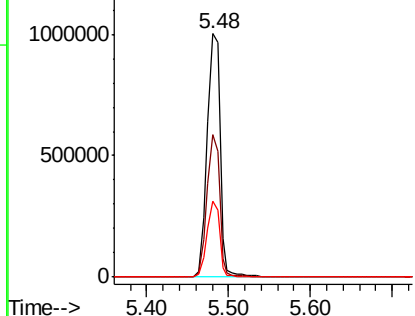
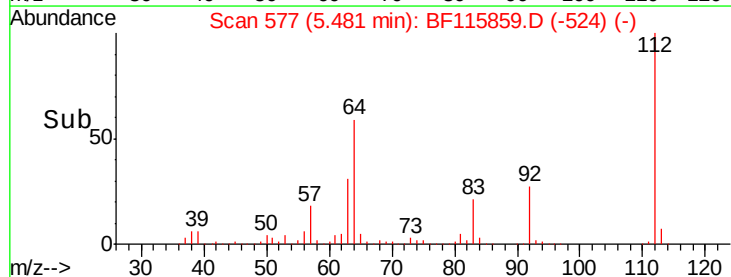
#5

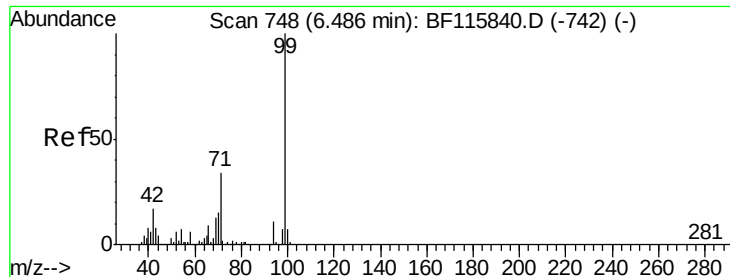
2-Fluorophenol
 Concen: 125.349 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF115859.D
 Acq: 31 Jul 2019 12:12

Tgt Ion:112 Resp: 1115183
 Ion Ratio Lower Upper
 112 100
 64 58.6 46.8 70.2
 63 31.2 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: 128.945 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115859.D

Acq: 31 Jul 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB121767BL

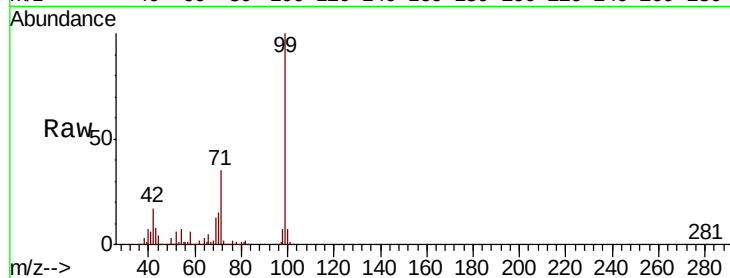
Tot Ion: 99 Resp: 1447361

Ion Ratio Lower Upper

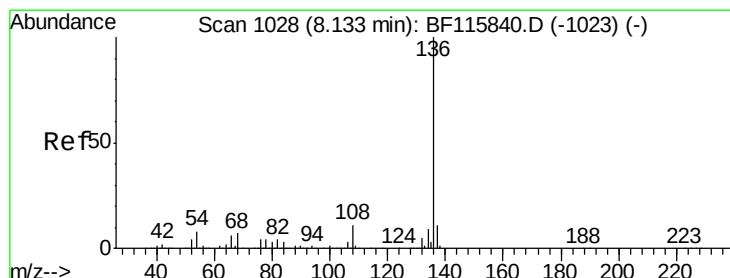
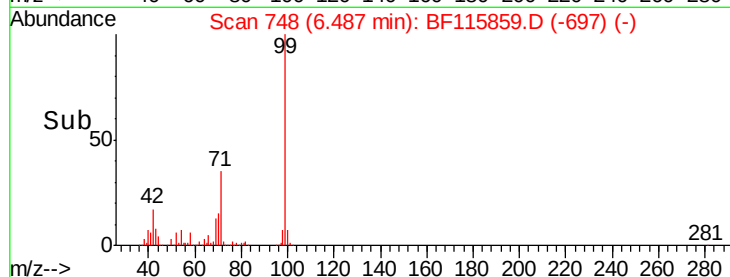
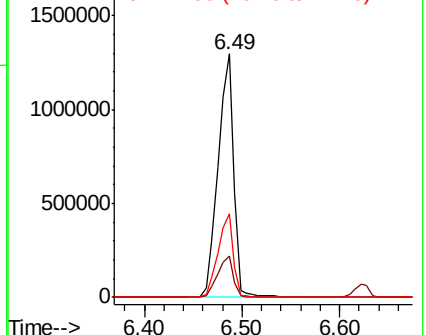
99 100

42 17.1 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: BF115859.D

Acq: 31 Jul 2019 12:12

Tgt Ion: 136 Resp: 558443

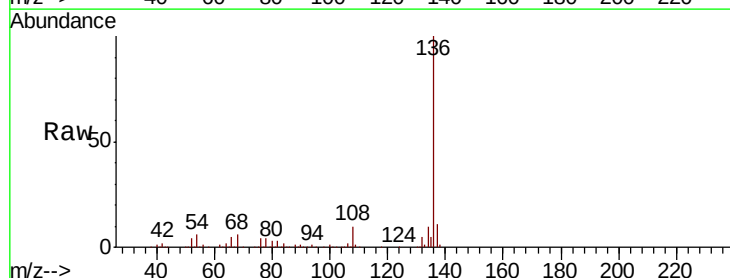
Ion Ratio Lower Upper

136 100

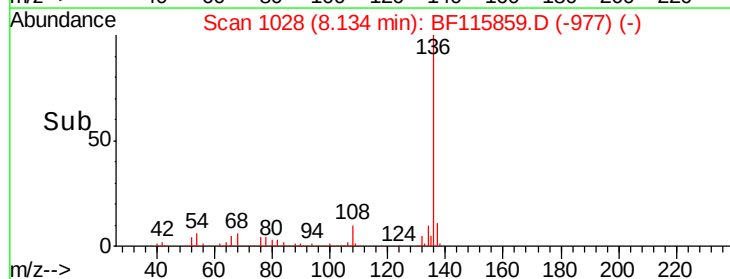
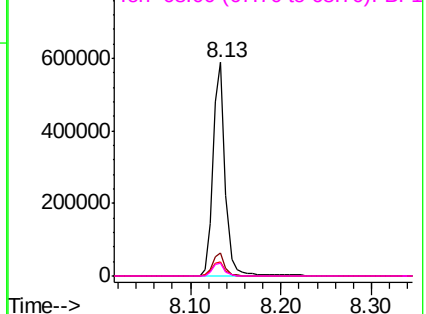
137 10.9 9.1 13.7

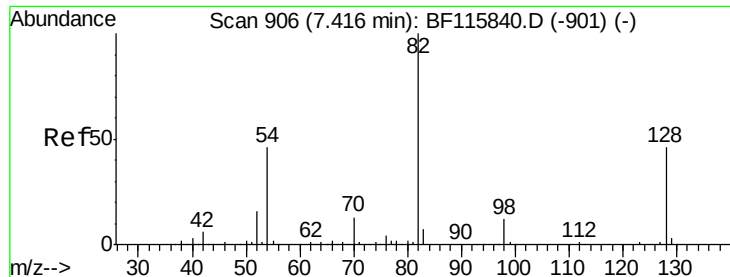
54 6.3 6.1 9.1

68 5.7 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: 95.765 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF115859.D

Acq: 31 Jul 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB121767BL

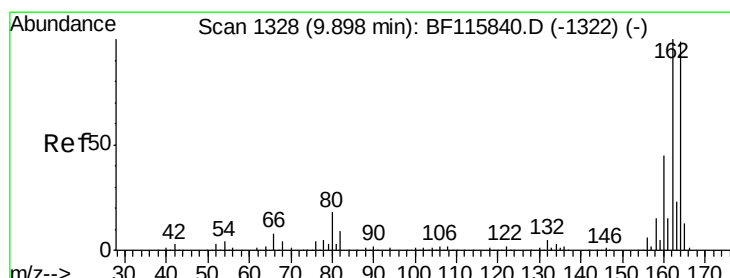
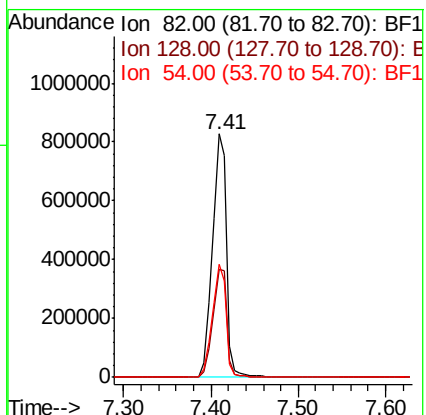
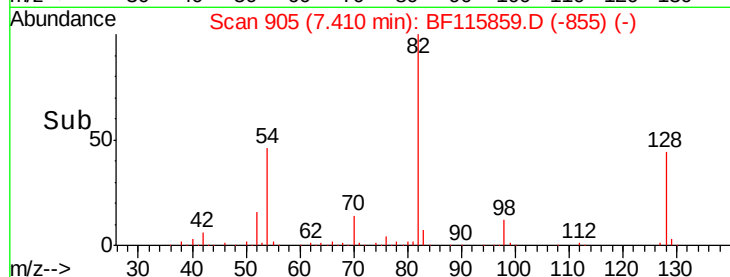
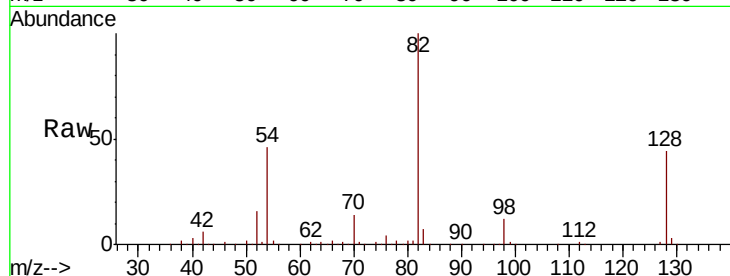
Tot Ion: 82 Resp: 926480

Ion Ratio Lower Upper

82 100

128 44.4 36.6 55.0

54 46.2 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: BF115859.D

Acq: 31 Jul 2019 12:12

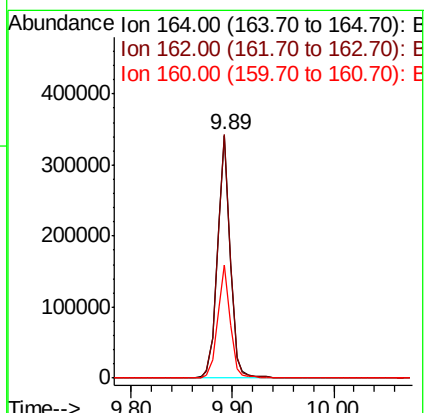
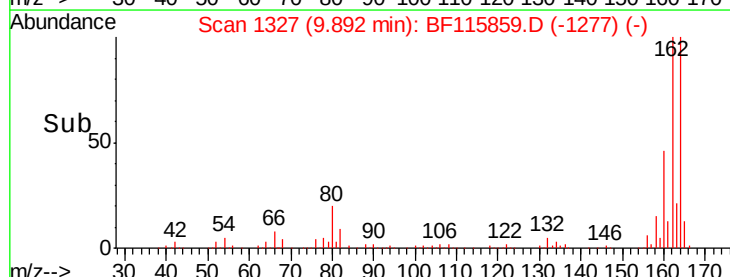
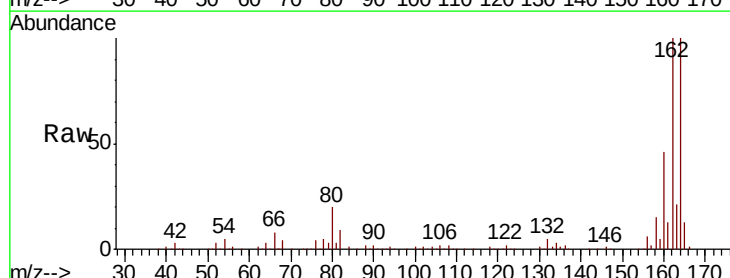
Tgt Ion:164 Resp: 298870

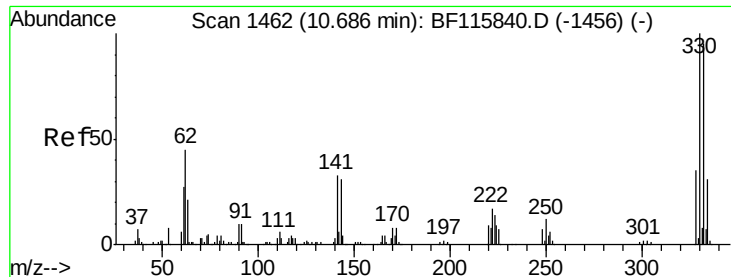
Ion Ratio Lower Upper

164 100

162 100.2 80.8 121.2

160 46.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 130.829 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF115859.D

Acq: 31 Jul 2019 12:12

Instrument :

BNA_F

ClientSampleId :

PB121767BL

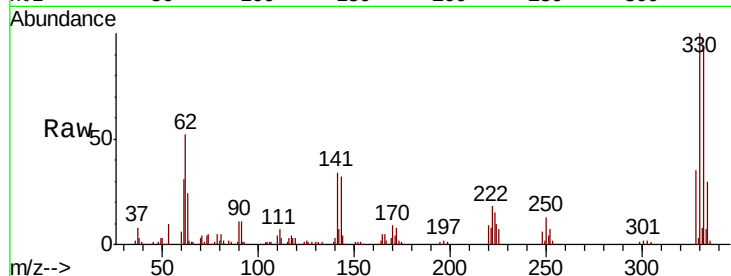
Tot Ion:330 Resp: 379093

Ion Ratio Lower Upper

330 100

332 94.9 77.7 116.5

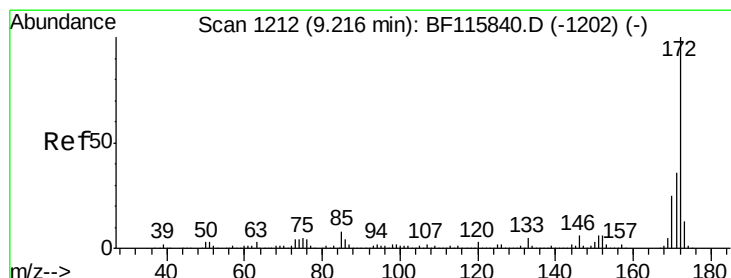
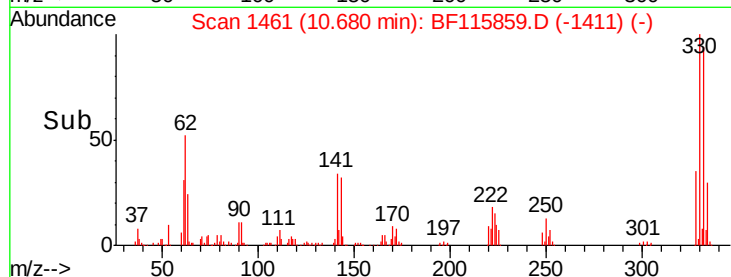
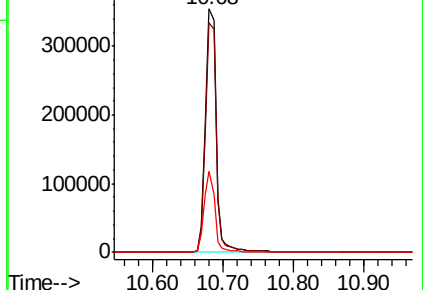
141 32.9 28.1 42.1



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: 98.117 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF115859.D

Acq: 31 Jul 2019 12:12

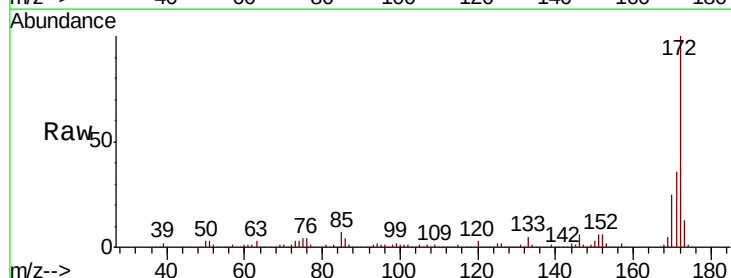
Tgt Ion:172 Resp: 1565574

Ion Ratio Lower Upper

172 100

171 36.4 29.1 43.7

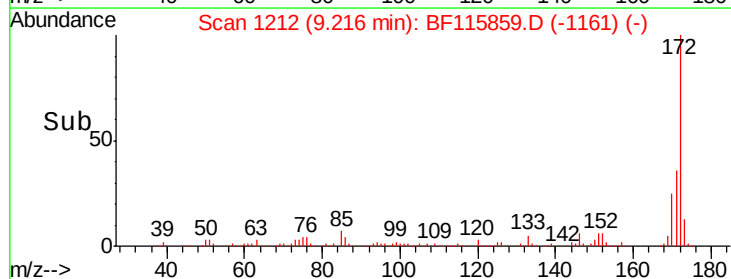
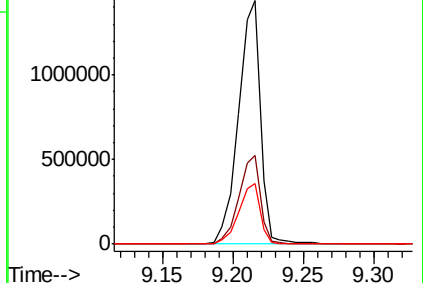
170 25.1 20.1 30.1

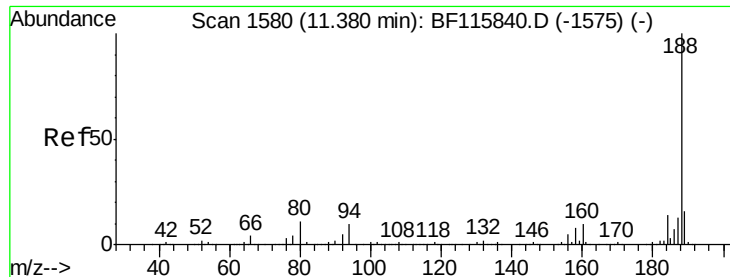


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

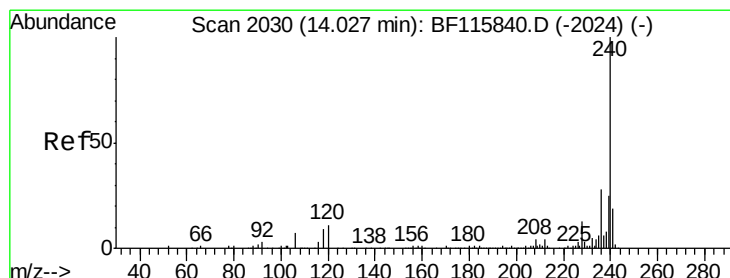
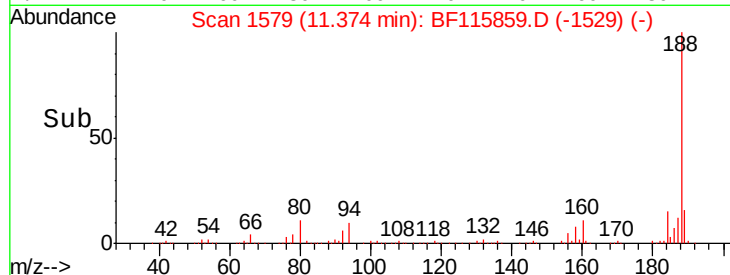
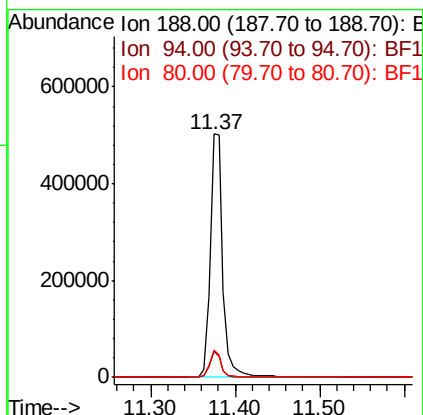
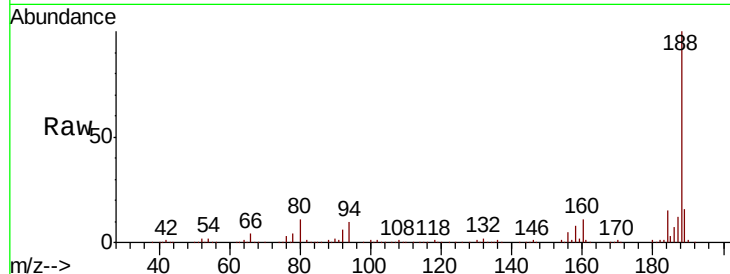




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF115859.D
Acq: 31 Jul 2019 12:12

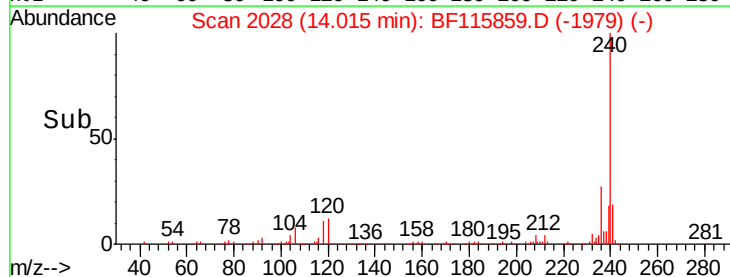
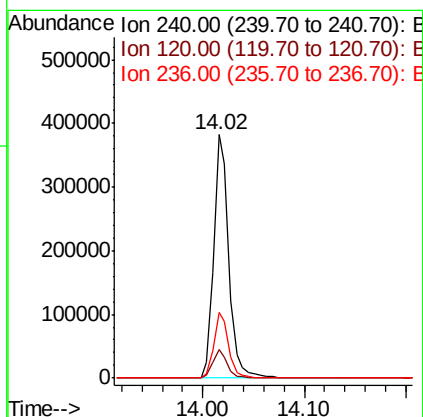
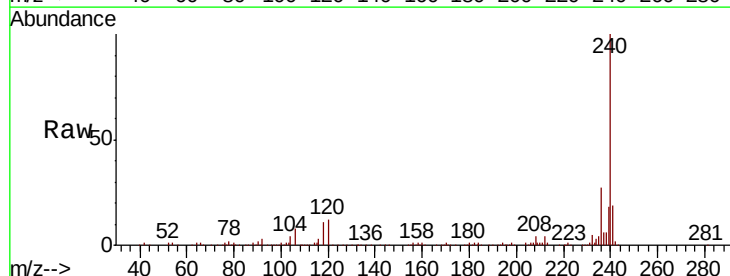
Instrument :
BNA_F
ClientSampleId :
PB121767BL

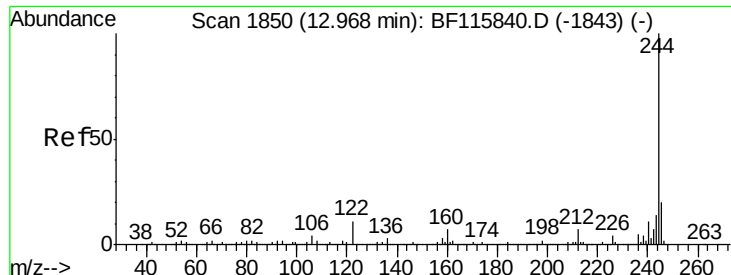
Tot Ion:188 Resp: 526103
Ion Ratio Lower Upper
188 100
94 10.5 8.0 12.0
80 11.5 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF115859.D
Acq: 31 Jul 2019 12:12

Tgt Ion:240 Resp: 393994
Ion Ratio Lower Upper
240 100
120 12.0 8.5 12.7
236 27.0 22.2 33.2





#79

Terphenyl-d14

Concen: 90.050 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115859.D

Acq: 31 Jul 2019 12:12

Instrument :

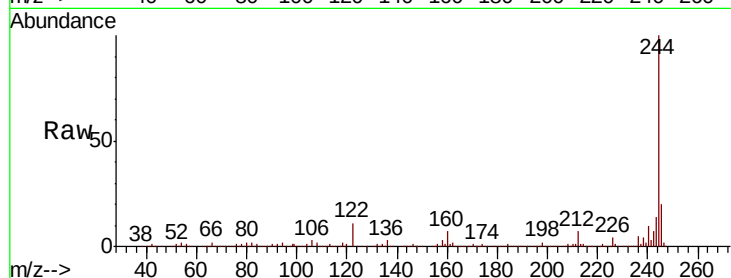
BNA_F

ClientSampleId :

PB121767BL

Tot Ion:244 Resp: 1683739

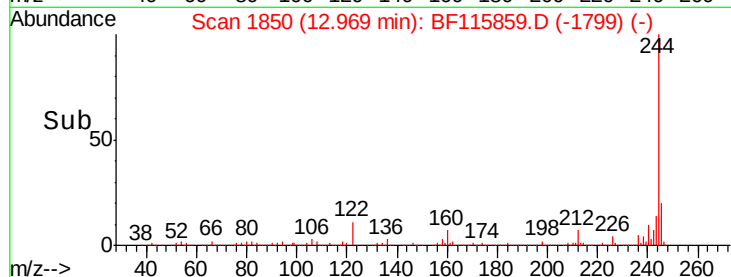
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	10.6	8.6	13.0



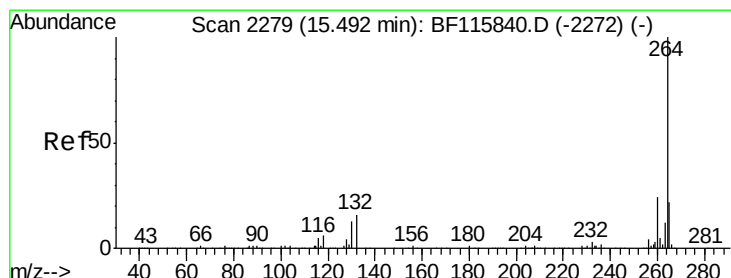
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

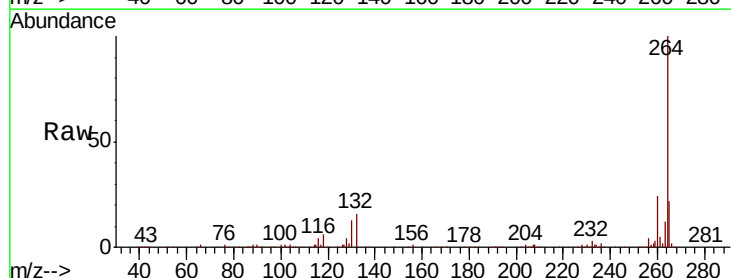
Delta R.T. -0.01 min

Lab File: BF115859.D

Acq: 31 Jul 2019 12:12

Tgt Ion:264 Resp: 358597

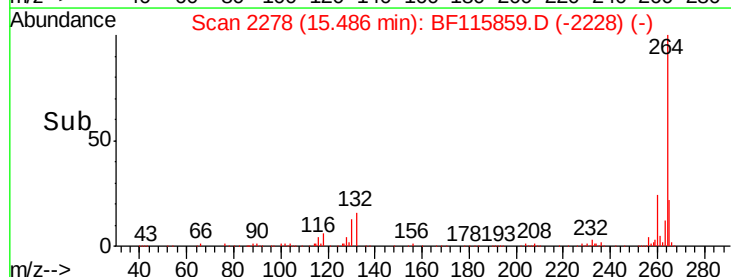
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.9	17.5	26.3



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



Time-->