

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115937.D
 Acq On : 2 Aug 2019 10:54
 Operator : HP/JU
 Sample : PB121887BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BL

Quant Time: Aug 02 17:07:21 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	157385	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	611921	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	327564	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	589010	20.00	ng	0.00
76) Chrysene-d12	14.02	240	455468	20.00	ng	0.00
87) Perylene-d12	15.49	264	422577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	790205	84.05	ng	0.02
7) Phenol-d6	6.49	99	998971	84.22	ng	0.00
23) Nitrobenzene-d5	7.42	82	943965	89.05	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	271947	85.63	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1573996	90.00	ng	0.00
79) Terphenyl-d14	12.97	244	1702398	78.76	ng	0.00

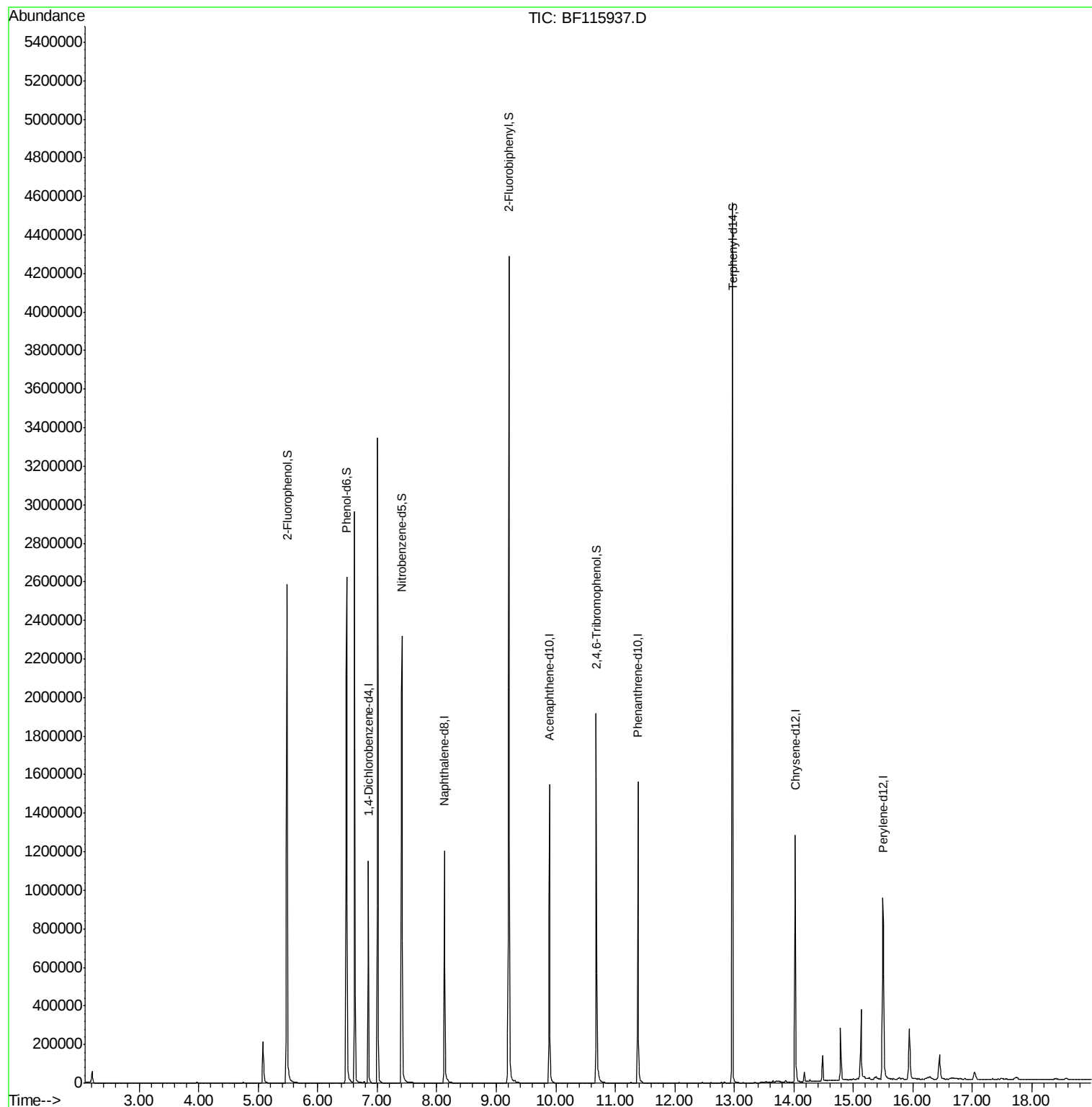
Target Compounds Qvalue

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

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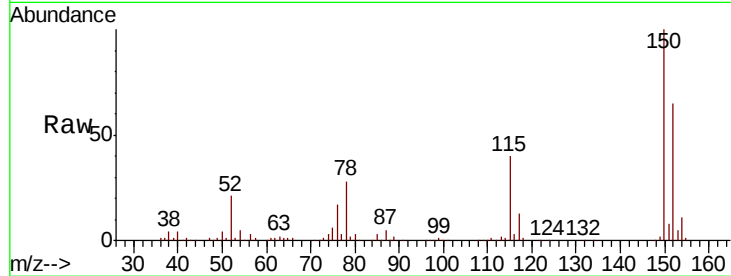


#1

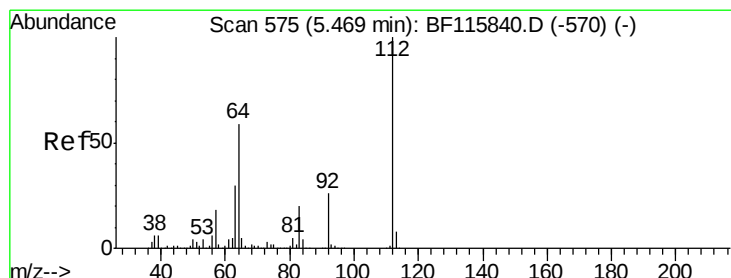
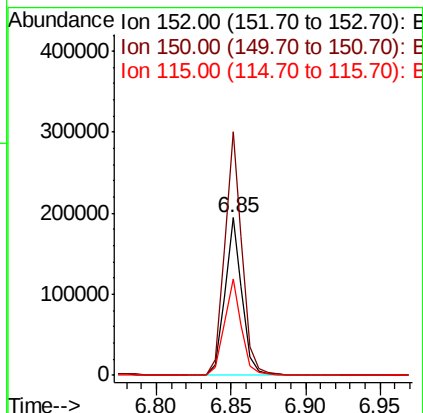
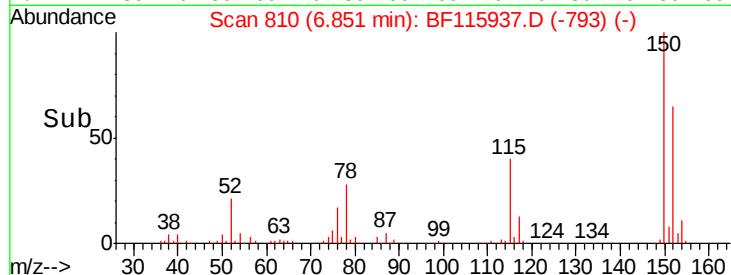
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF115937.D
Acq: 2 Aug 2019 10:54

Instrument :
BNA_F
ClientSampleId :
PB121887BL

Tot Ion:152 Resp: 157385
Ion Ratio Lower Upper
152 100
150 154.6 127.4 191.0
115 61.6 51.8 77.8



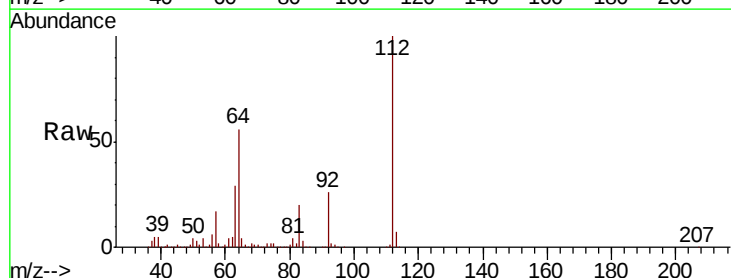
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



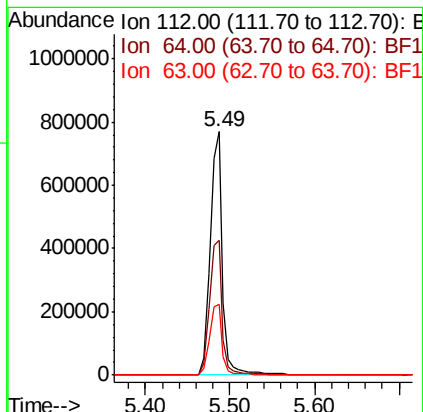
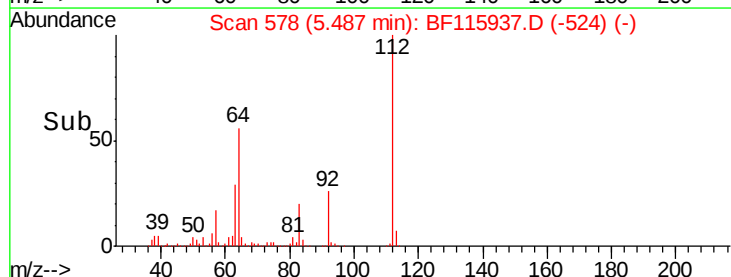
#5

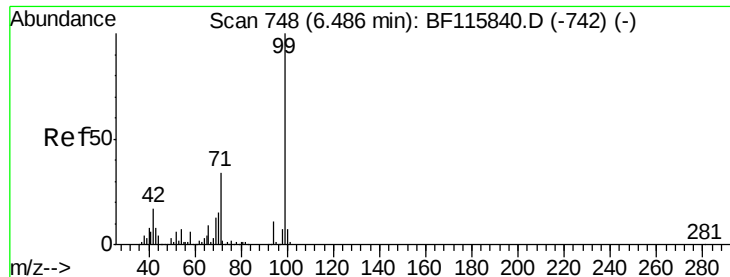
2-Fluorophenol
Concen: 84.052 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF115937.D
Acq: 2 Aug 2019 10:54

Tgt Ion:112 Resp: 790205
Ion Ratio Lower Upper
112 100
64 55.5 46.8 70.2
63 29.1 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: 84.220 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF115937.D

Acq: 2 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

PB121887BL

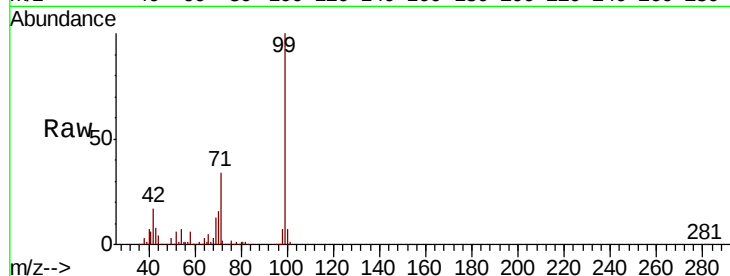
Tot Ion: 99 Resp: 998971

Ion Ratio Lower Upper

99 100

42 16.7 13.8 20.6

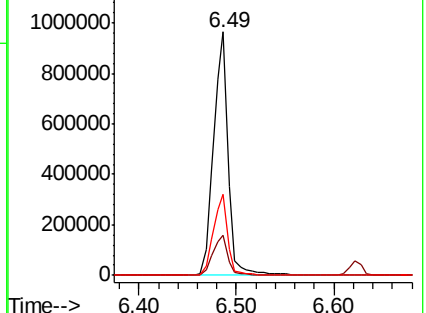
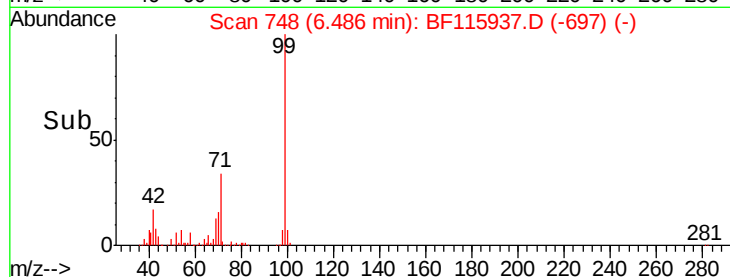
71 33.5 27.1 40.7



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: BF115937.D

Acq: 2 Aug 2019 10:54

Tgt Ion: 136 Resp: 611921

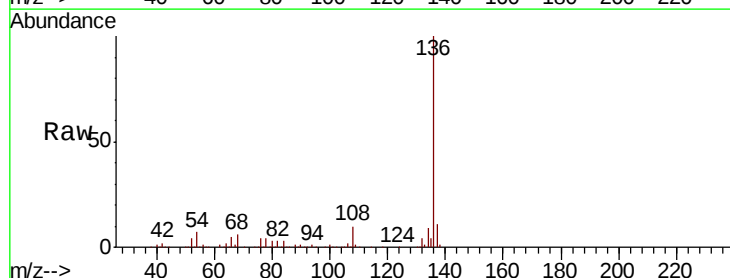
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 6.8 6.1 9.1

68 6.0 5.4 8.2

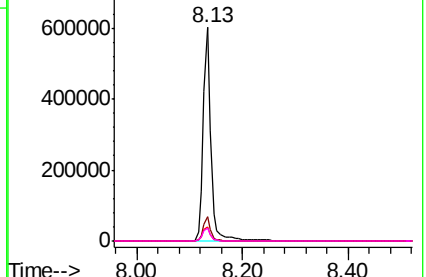
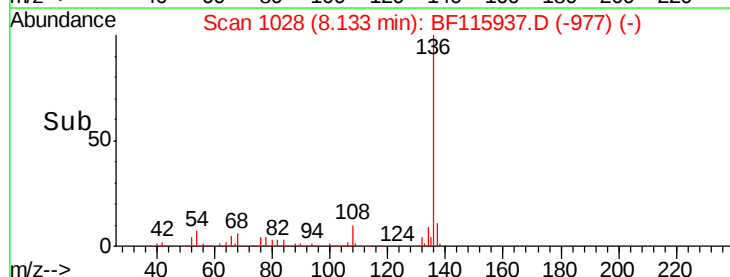


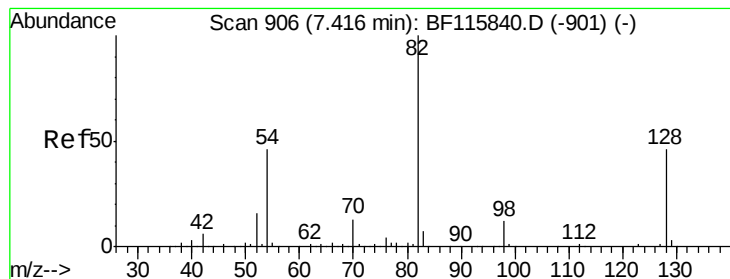
Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.045 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF115937.D

Acq: 2 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

PB121887BL

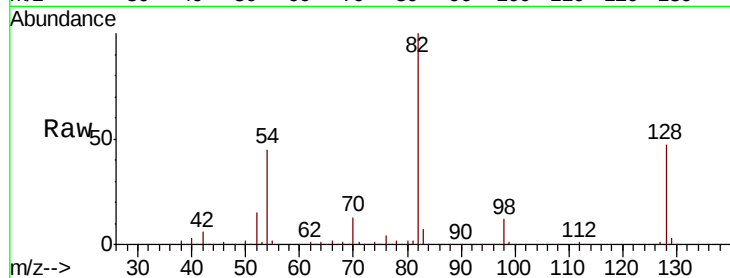
Tot Ion: 82 Resp: 943965

Ion Ratio Lower Upper

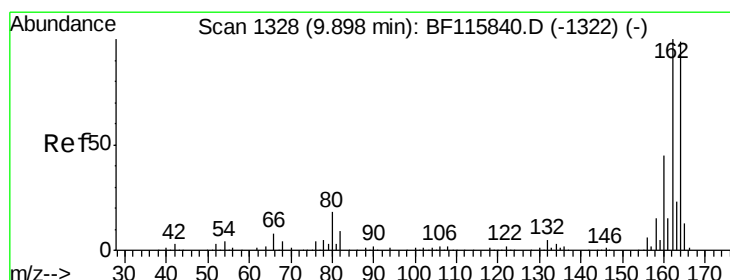
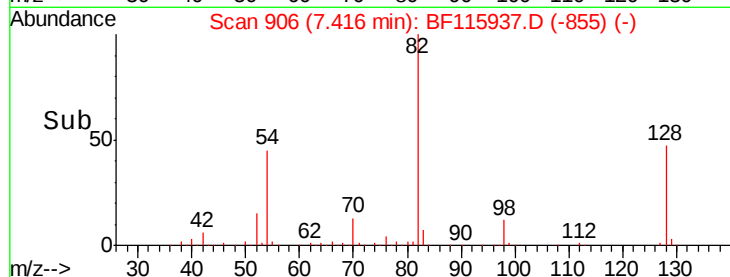
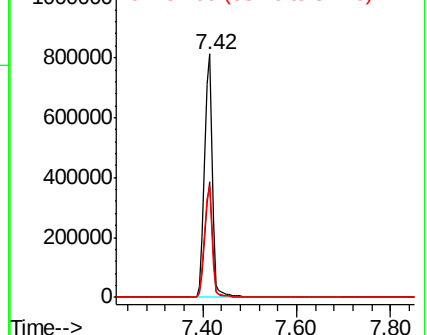
82 100

128 47.3 36.6 55.0

54 45.1 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: BF115937.D

Acq: 2 Aug 2019 10:54

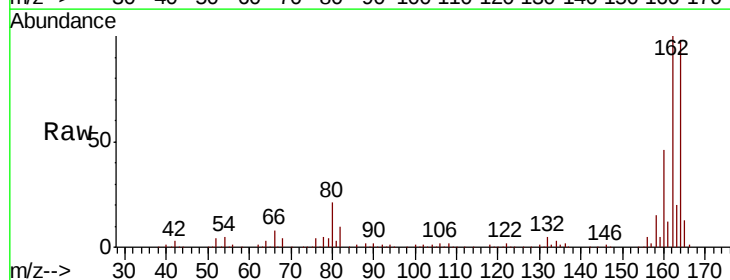
Tgt Ion:164 Resp: 327564

Ion Ratio Lower Upper

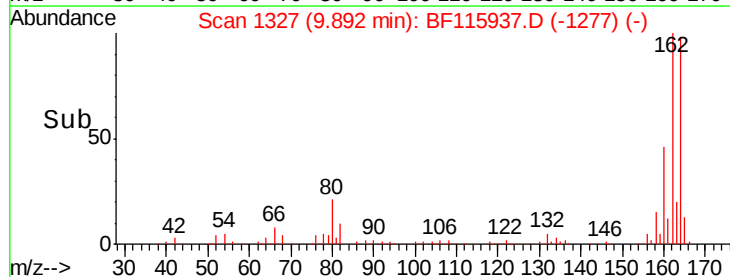
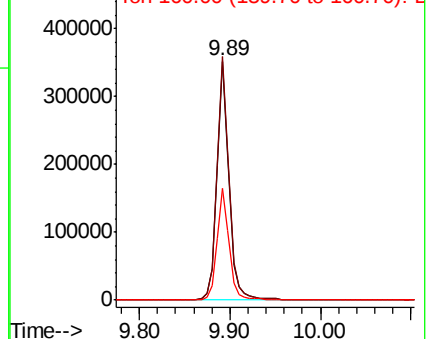
164 100

162 102.0 80.8 121.2

160 47.0 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

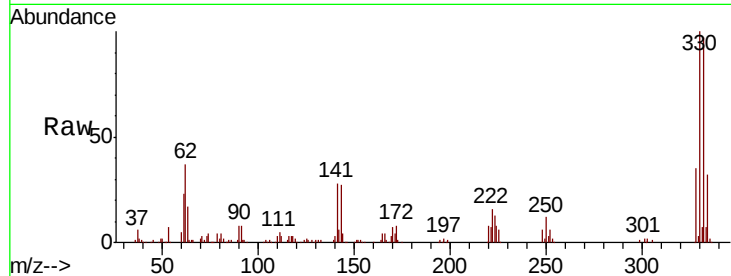




#42
 2,4,6-Tribromophenol
 Concen: 85.630 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF115937.D
 Acq: 2 Aug 2019 10:54

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.7	116.5
141	35.2	28.1	42.1

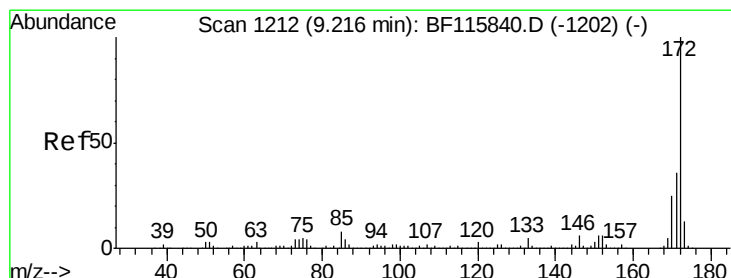
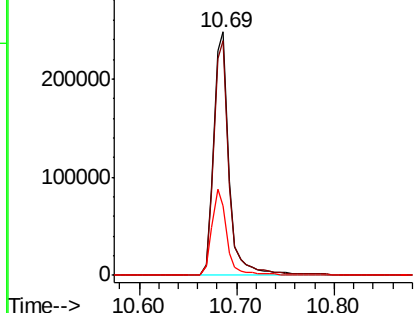
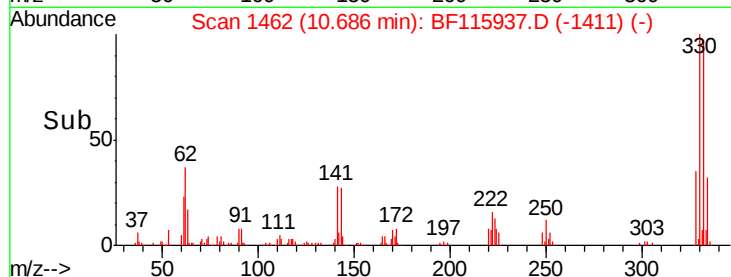


Abundance

Ion 329.80 (329.50 to 330.50): E

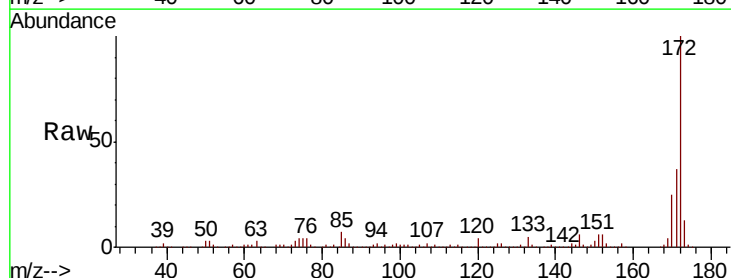
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.004 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF115937.D
 Acq: 2 Aug 2019 10:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.1	43.7
170	24.8	20.1	30.1

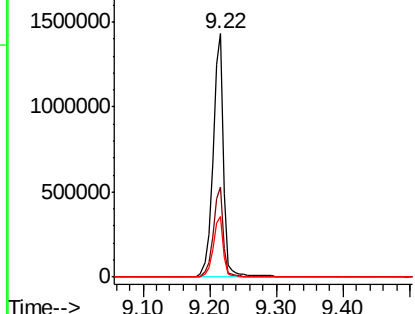
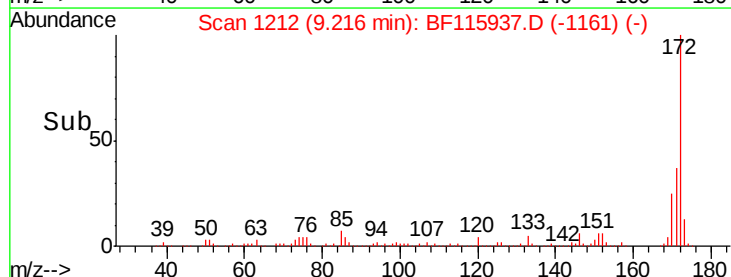


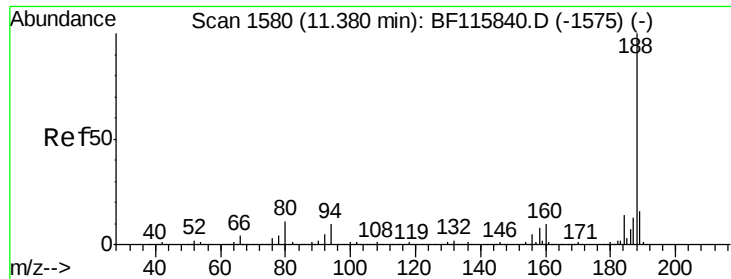
Abundance

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

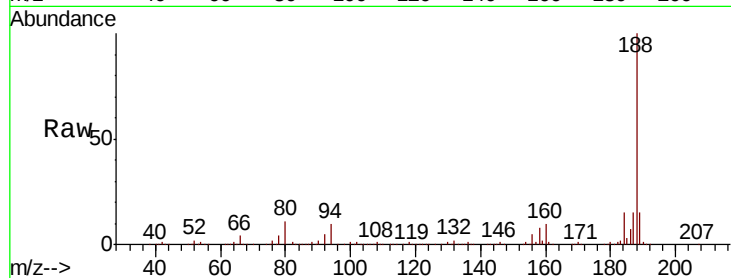




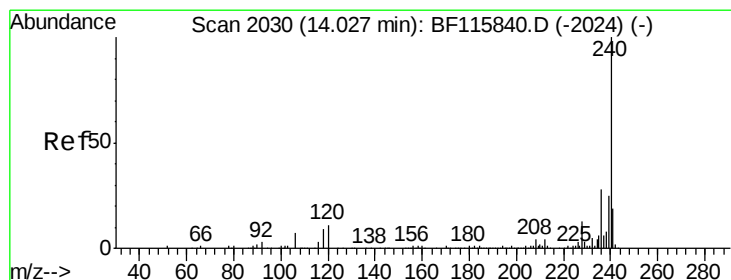
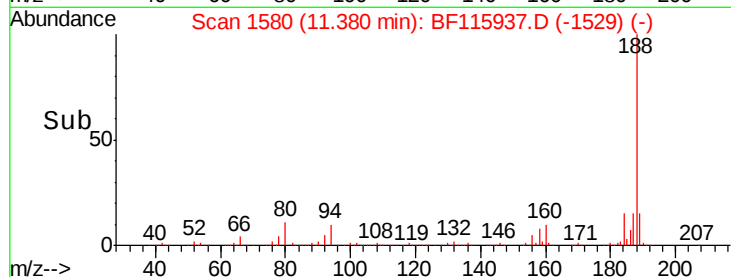
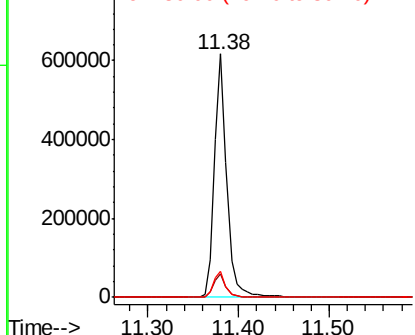
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BF115937.D
 Acq: 2 Aug 2019 10:54

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BL

Tot Ion:188 Resp: 589010
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.0 12.0
 80 10.8 8.6 12.8

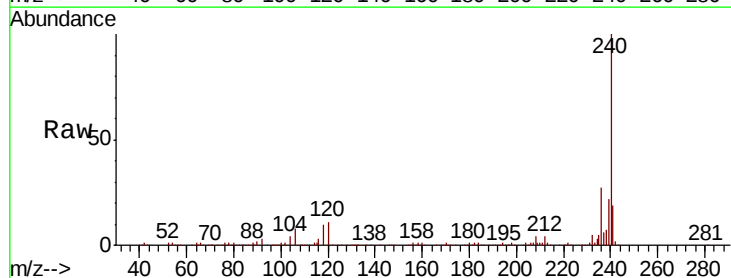


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

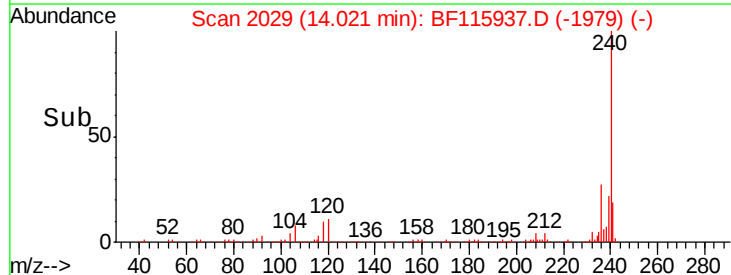
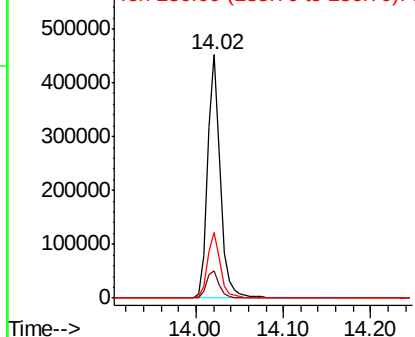


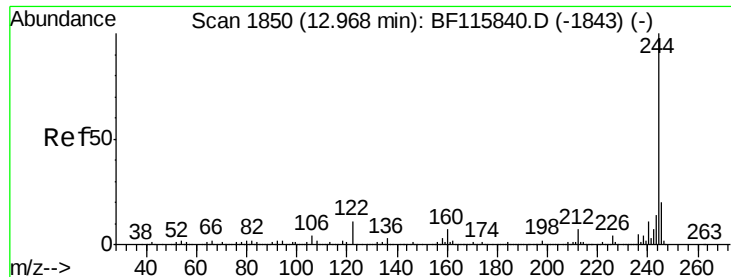
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115937.D
 Acq: 2 Aug 2019 10:54

Tgt Ion:240 Resp: 455468
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.5 12.7
 236 26.9 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: 78.759 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BF115937.D

Acq: 2 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

PB121887BL

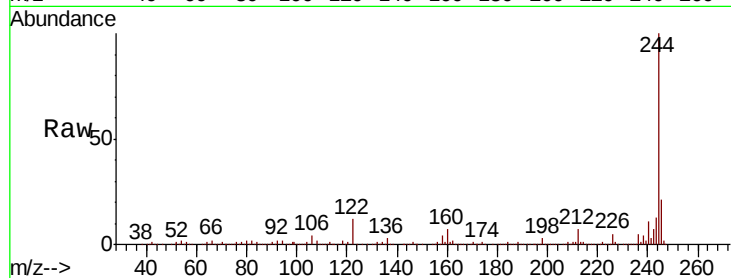
Tot Ion:244 Resp: 1702398

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

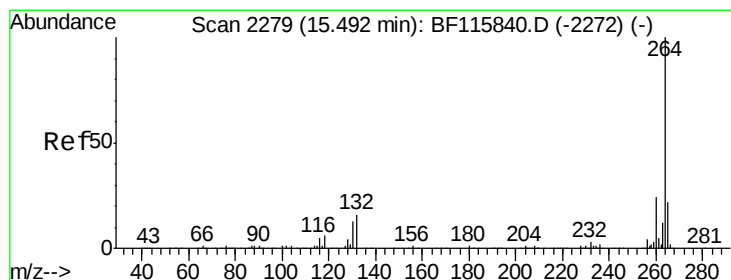
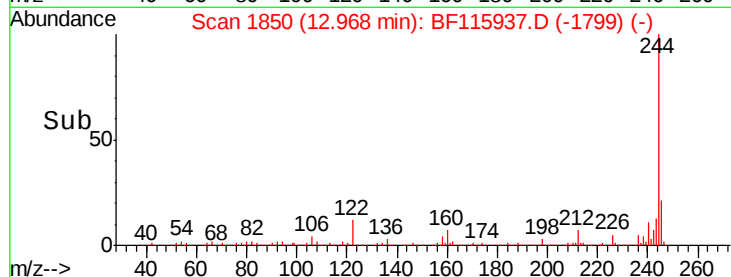
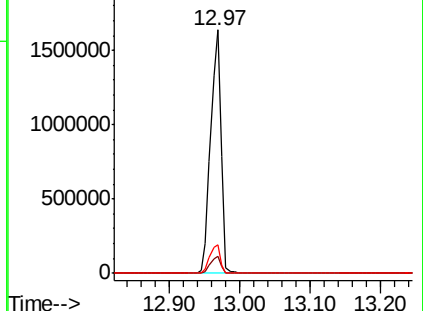
122 11.5 8.6 13.0



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# 2279

Delta R.T. -0.00 min

Lab File: BF115937.D

Acq: 2 Aug 2019 10:54

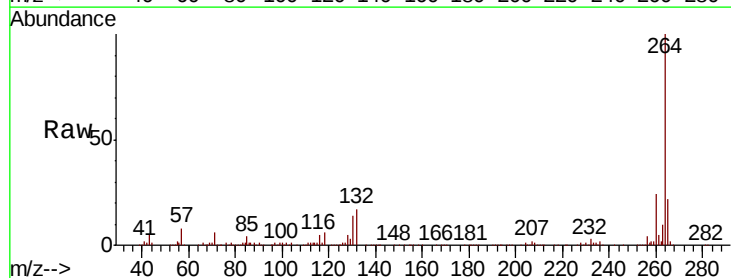
Tgt Ion:264 Resp: 422577

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.6 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

