

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115918.D
 Acq On : 1 Aug 2019 20:36
 Operator : HP/JU
 Sample : K4074-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-11_072919

Quant Time: Aug 02 06:47:00 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	142265	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	541289	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	279874	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	453333	20.00	ng	0.00
76) Chrysene-d12	14.02	240	293307	20.00	ng	0.00
87) Perylene-d12	15.49	264	353034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	972592	114.45	ng	0.02
7) Phenol-d6	6.49	99	1142036	106.51	ng	0.00
23) Nitrobenzene-d5	7.42	82	887035	94.59	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	358439	132.10	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1501280	100.47	ng	0.00
79) Terphenyl-d14	12.96	244	1390097	99.87	ng	0.00

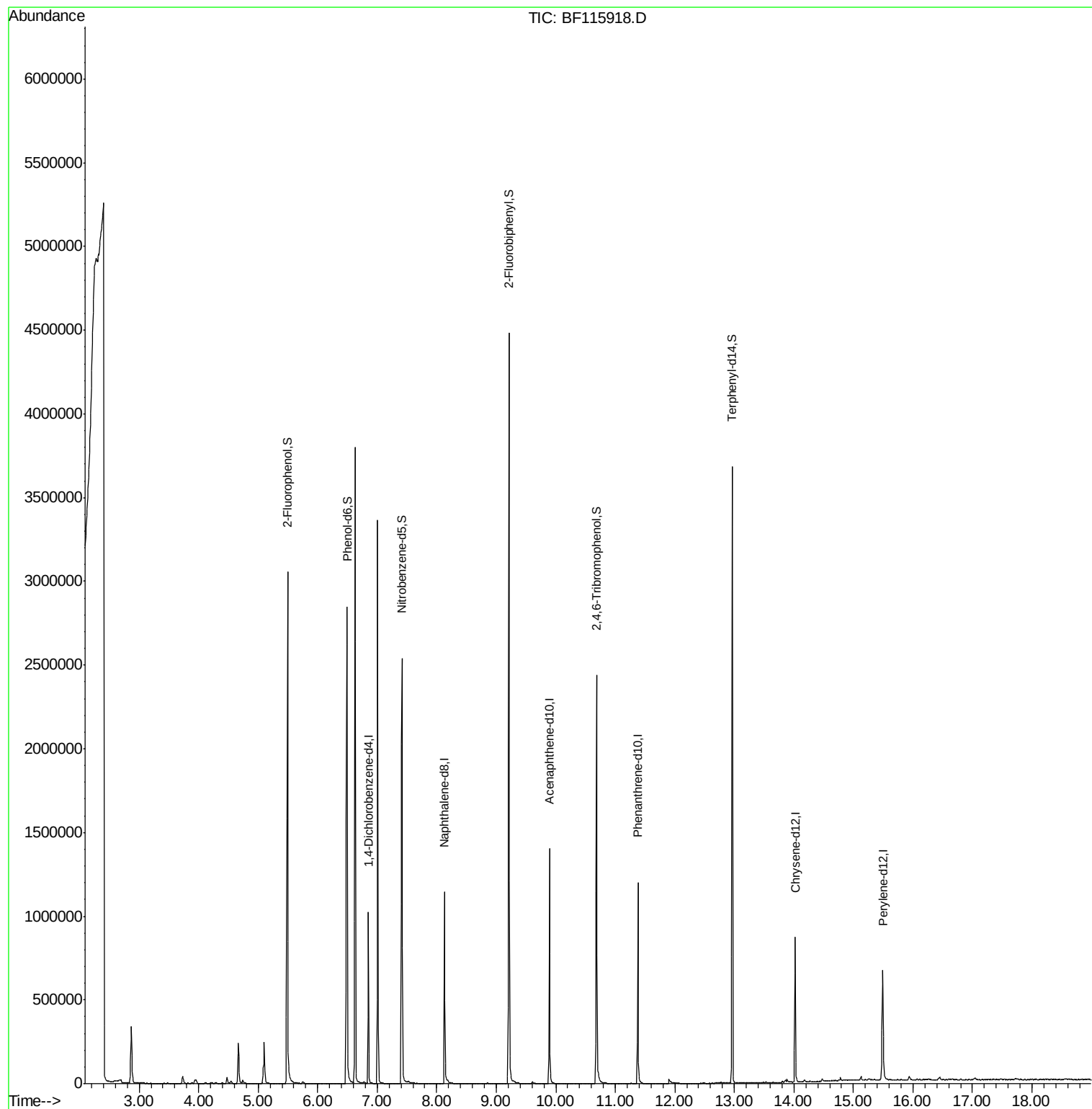
Target Compounds Qvalue

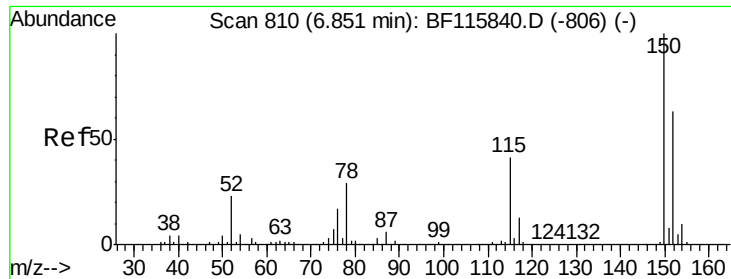
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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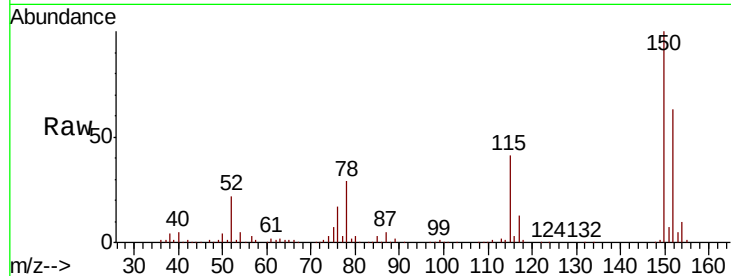


#1

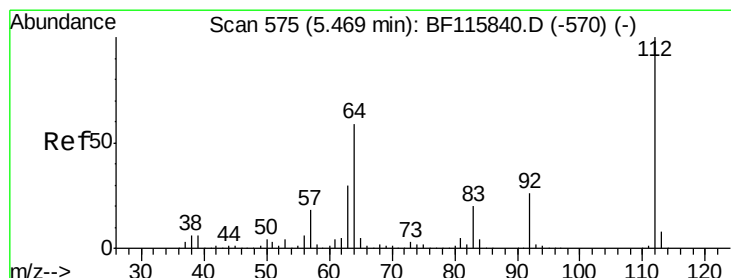
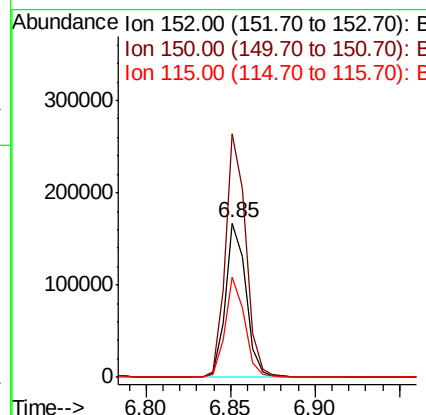
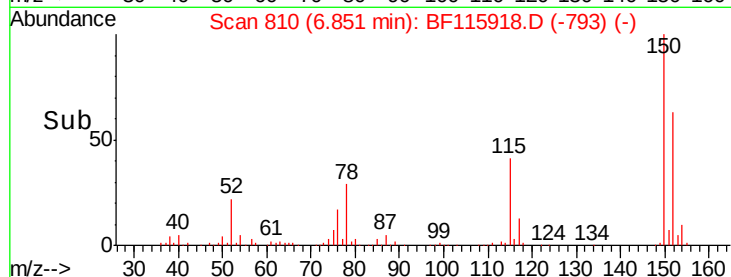
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115918.D
Acq: 1 Aug 2019 20:36

Instrument :
BNA_F
ClientSampleId :
SS-11_072919

Tot Ion:152 Resp: 142265
Ion Ratio Lower Upper
152 100
150 158.0 127.4 191.0
115 64.7 51.8 77.8



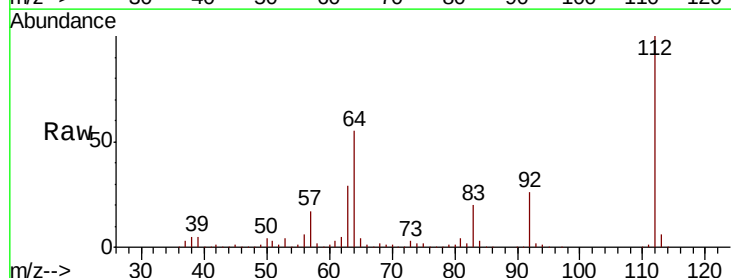
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



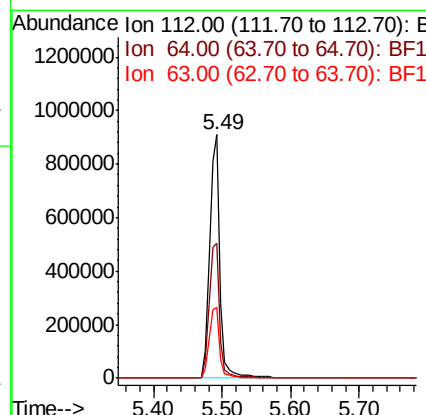
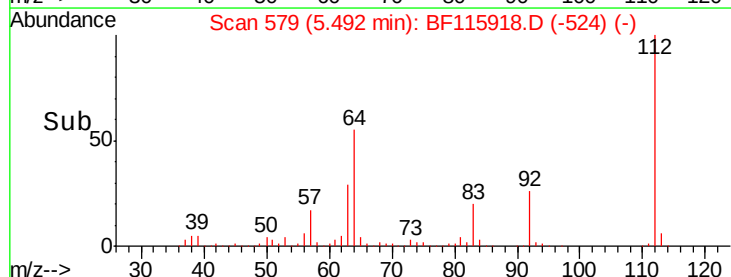
#5

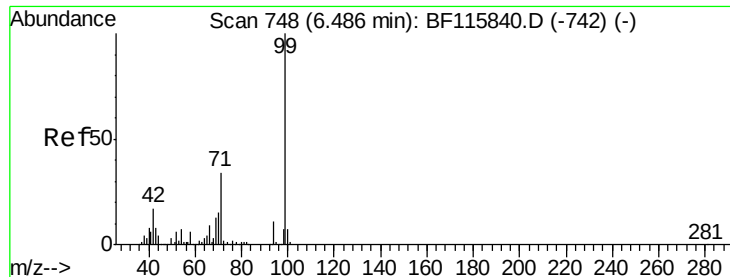
2-Fluorophenol
Concen: 114.447 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.02 min
Lab File: BF115918.D
Acq: 1 Aug 2019 20:36

Tgt Ion:112 Resp: 972592
Ion Ratio Lower Upper
112 100
64 55.2 46.8 70.2
63 29.3 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: 106.514 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115918.D

Acq: 1 Aug 2019 20:36

Instrument :

BNA_F

ClientSampleId :

SS-11_072919

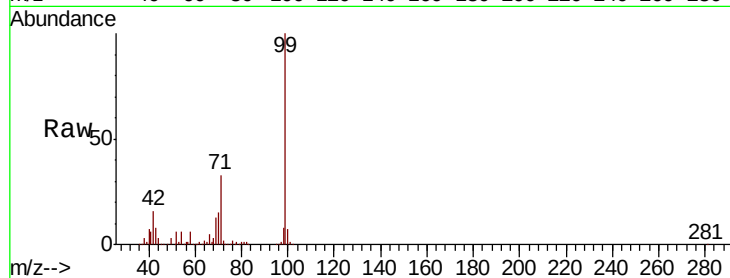
Tot Ion: 99 Resp: 1142036

Ion Ratio Lower Upper

99 100

42 16.1 13.8 20.6

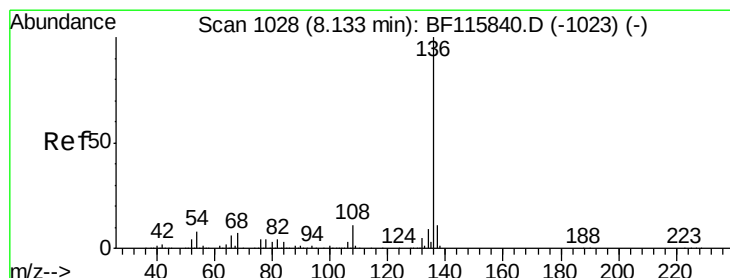
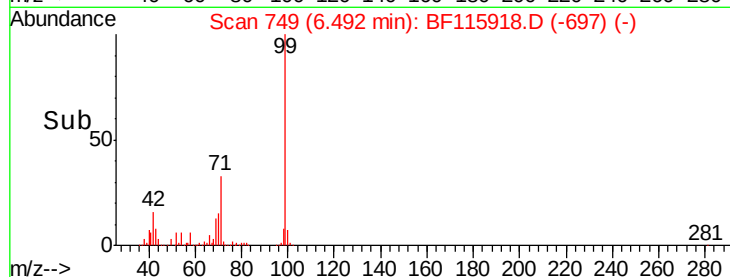
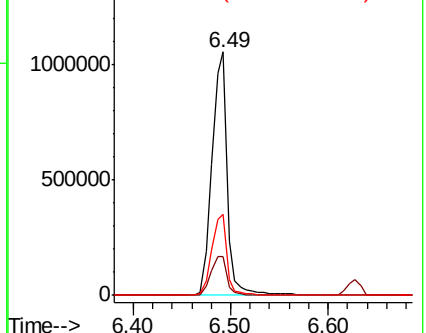
71 33.4 27.1 40.7



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: BF115918.D

Acq: 1 Aug 2019 20:36

Tgt Ion: 136 Resp: 541289

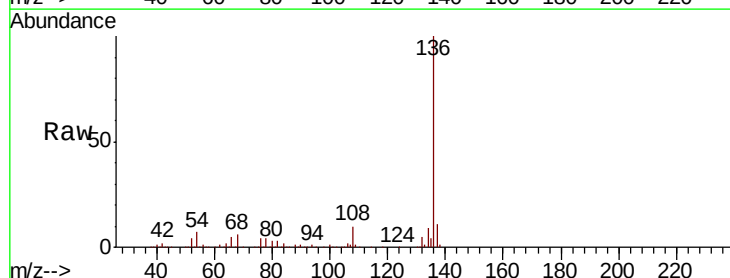
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.8 6.1 9.1

68 5.9 5.4 8.2

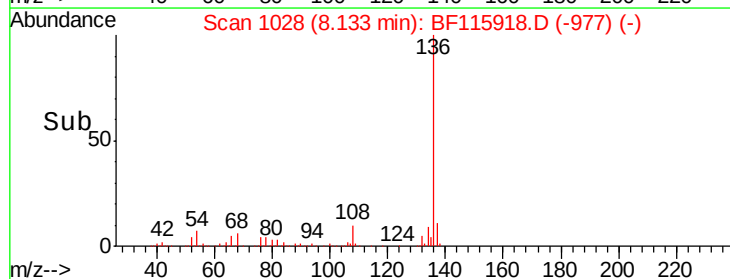
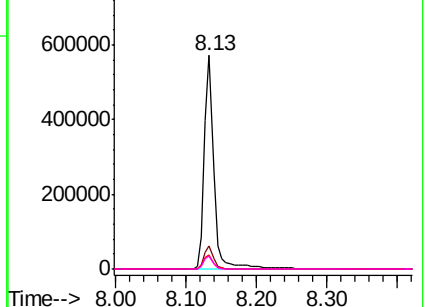


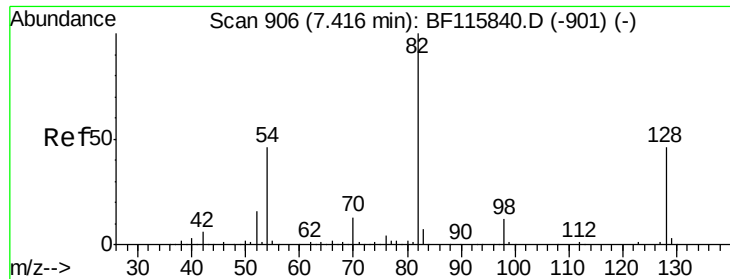
Abundance Ion 136.00 (135.70 to 136.70): E

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

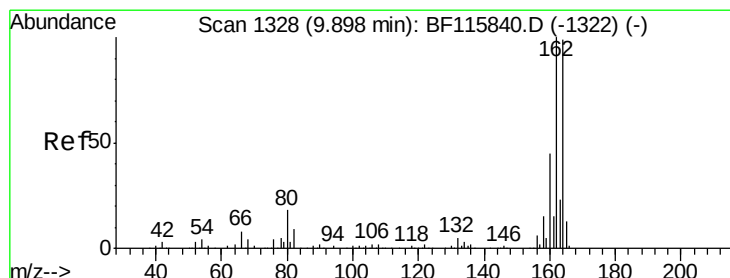
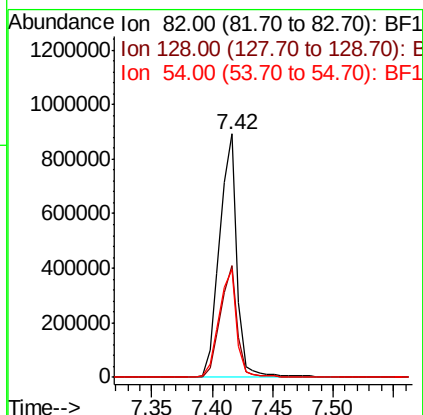
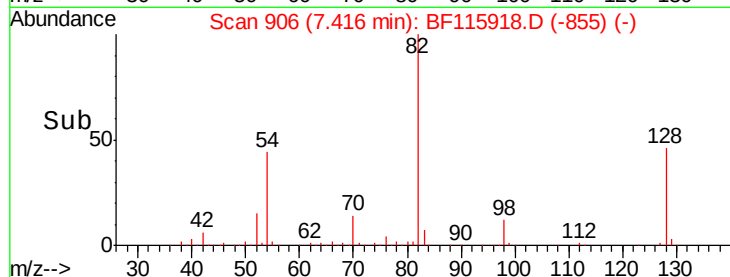
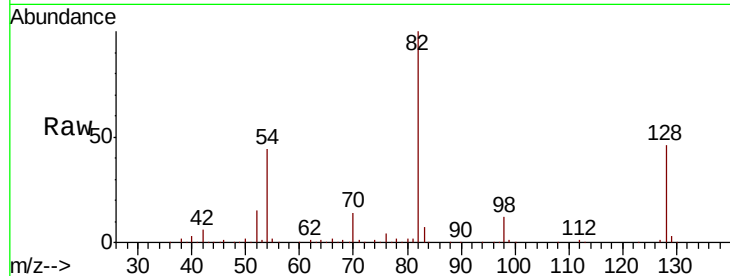




#23
Nitrobenzene-d5
Concen: 94.593 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115918.D
Acq: 1 Aug 2019 20:36

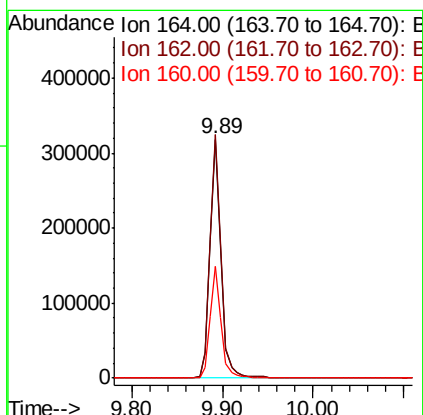
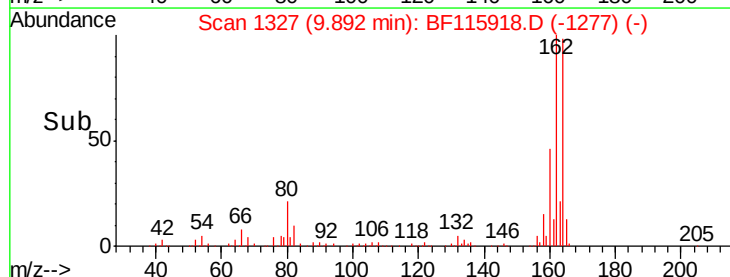
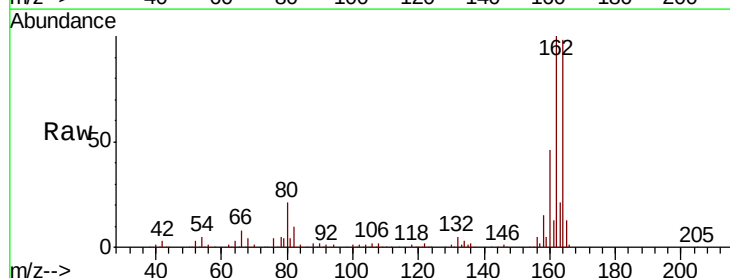
Instrument :
BNA_F
ClientSampleId :
SS-11_072919

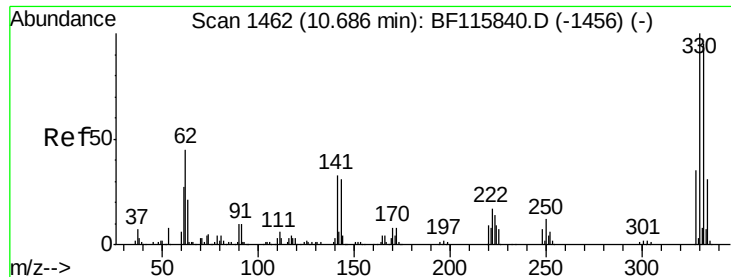
Tot Ion: 82 Resp: 887035
Ion Ratio Lower Upper
82 100
128 46.0 36.6 55.0
54 44.4 36.6 55.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115918.D
Acq: 1 Aug 2019 20:36

Tgt Ion:164 Resp: 279874
Ion Ratio Lower Upper
164 100
162 102.0 80.8 121.2
160 46.7 36.2 54.4

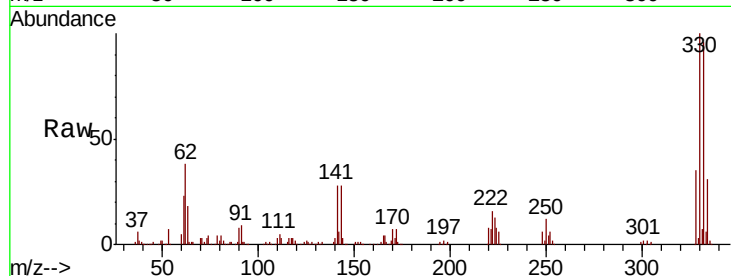




#42
 2,4,6-Tribromophenol
 Concen: 132.097 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF115918.D
 Acq: 1 Aug 2019 20:36

Instrument :
 BNA_F
 ClientSampleId :
 SS-11_072919

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.7	116.5
141	33.2	28.1	42.1

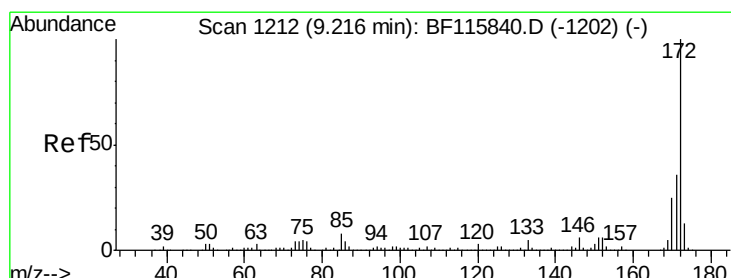
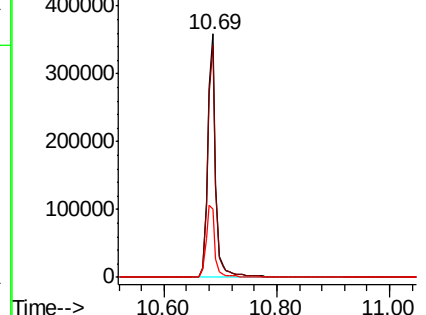
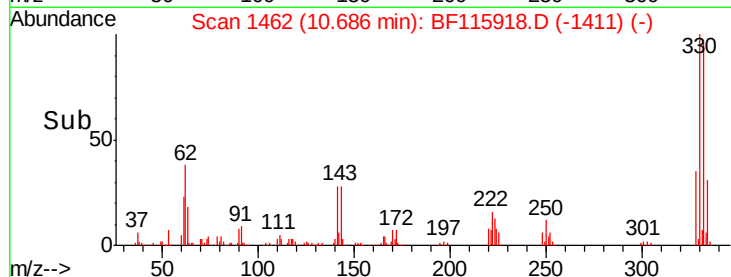


Abundance

Ion 329.80 (329.50 to 330.50): E

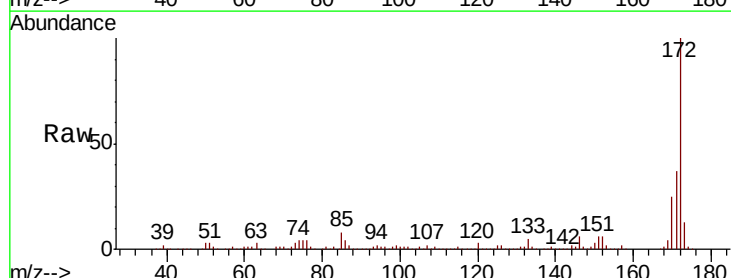
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 100.474 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF115918.D
 Acq: 1 Aug 2019 20:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.1	43.7
170	25.3	20.1	30.1

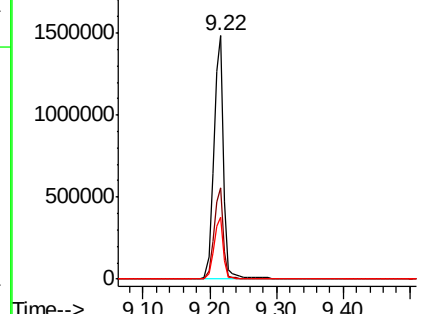
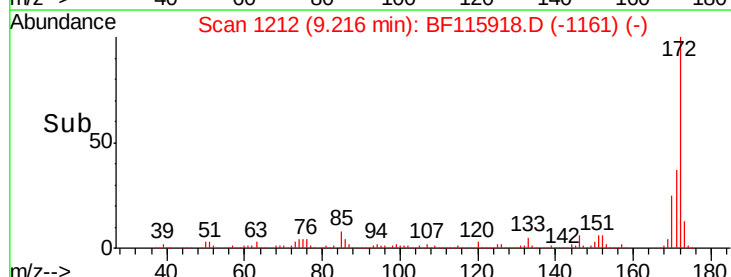


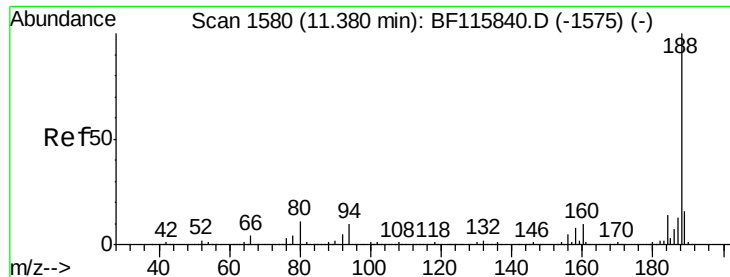
Abundance

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: BF115918.D

Acq: 1 Aug 2019 20:36

Instrument :

BNA_F

ClientSampleId :

SS-11_072919

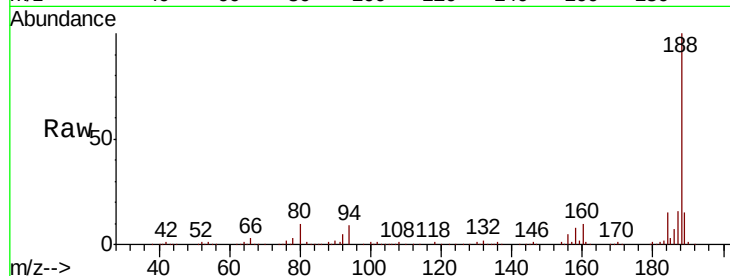
Tot Ion:188 Resp: 453333

Ion Ratio Lower Upper

188 100

94 8.9 8.0 12.0

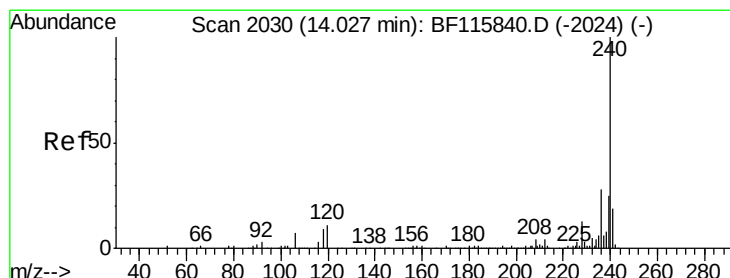
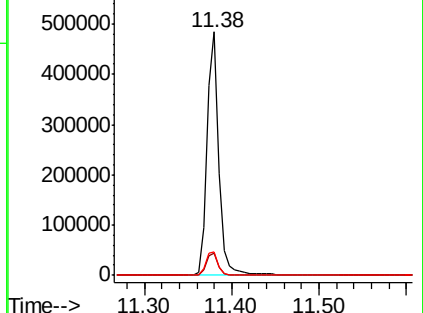
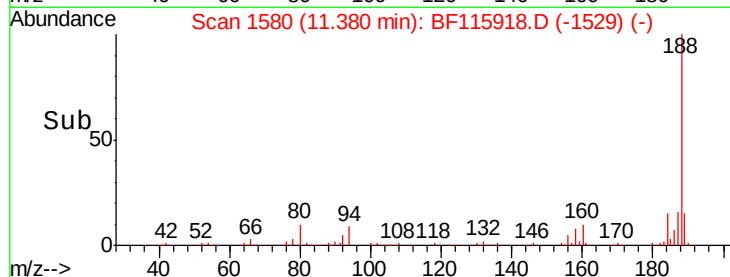
80 9.6 8.6 12.8



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: BF115918.D

Acq: 1 Aug 2019 20:36

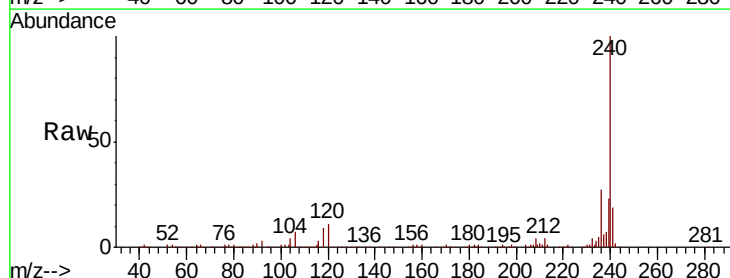
Tgt Ion:240 Resp: 293307

Ion Ratio Lower Upper

240 100

120 10.5 8.5 12.7

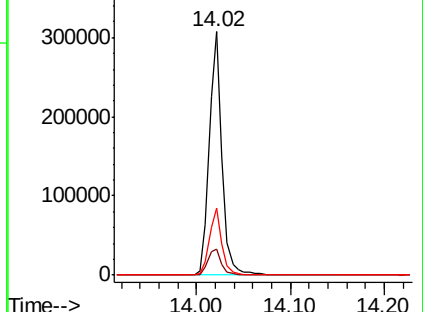
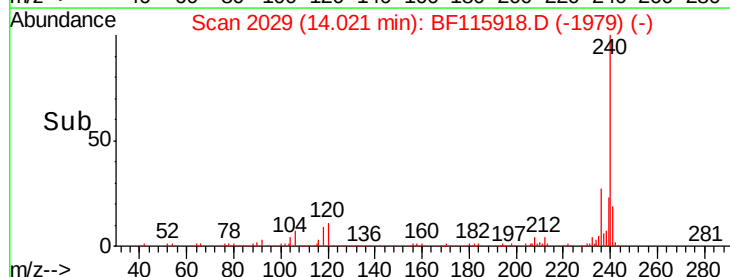
236 27.5 22.2 33.2

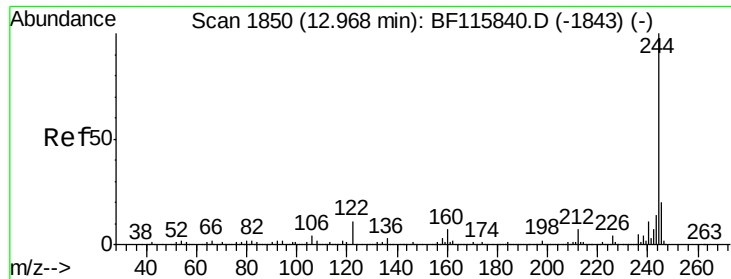


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



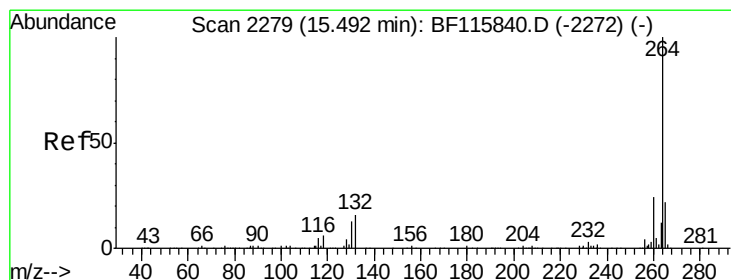
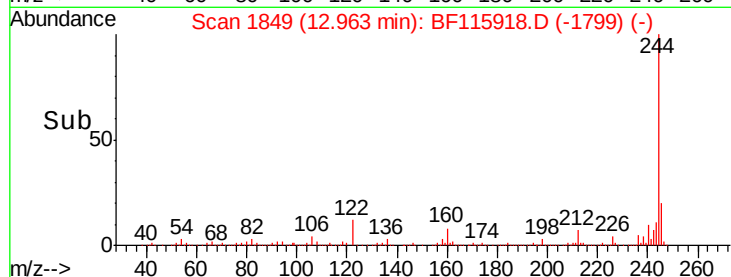
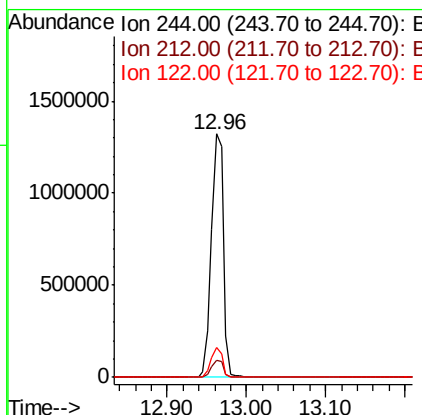
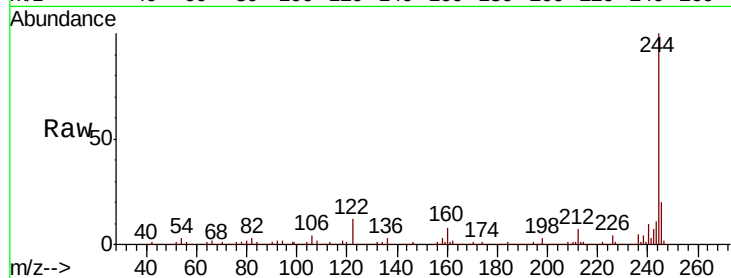


#79
 Terphenyl-d14
 Concen: 99.867 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF115918.D
 Acq: 1 Aug 2019 20:36

Instrument :
 BNA_F
 ClientSampleId :
 SS-11_072919

Tot Ion:244 Resp: 1390097

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	12.3	8.6	13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF115918.D
 Acq: 1 Aug 2019 20:36

Tgt Ion:264 Resp: 353034

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.0	17.5	26.3

