

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112106.D
 Acq On : 17 Jan 2019 23:46
 Operator : JU/SJ
 Sample : K1164-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 011519-DBRI-F-D-M

Quant Time: Jan 18 01:12:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	291233	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1028898	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	448076	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	715413	20.00	ng	0.00
76) Chrysene-d12	14.02	240	642250	20.00	ng	-0.01
87) Perylene-d12	15.50	264	496537	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	681601	42.48	ng	0.00
7) Phenol-d6	6.50	99	527141	26.26	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1617839	108.64	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	399593	82.67	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2875624	94.09	ng	0.00
79) Terphenyl-d14	12.97	244	2328635	77.13	ng	0.00

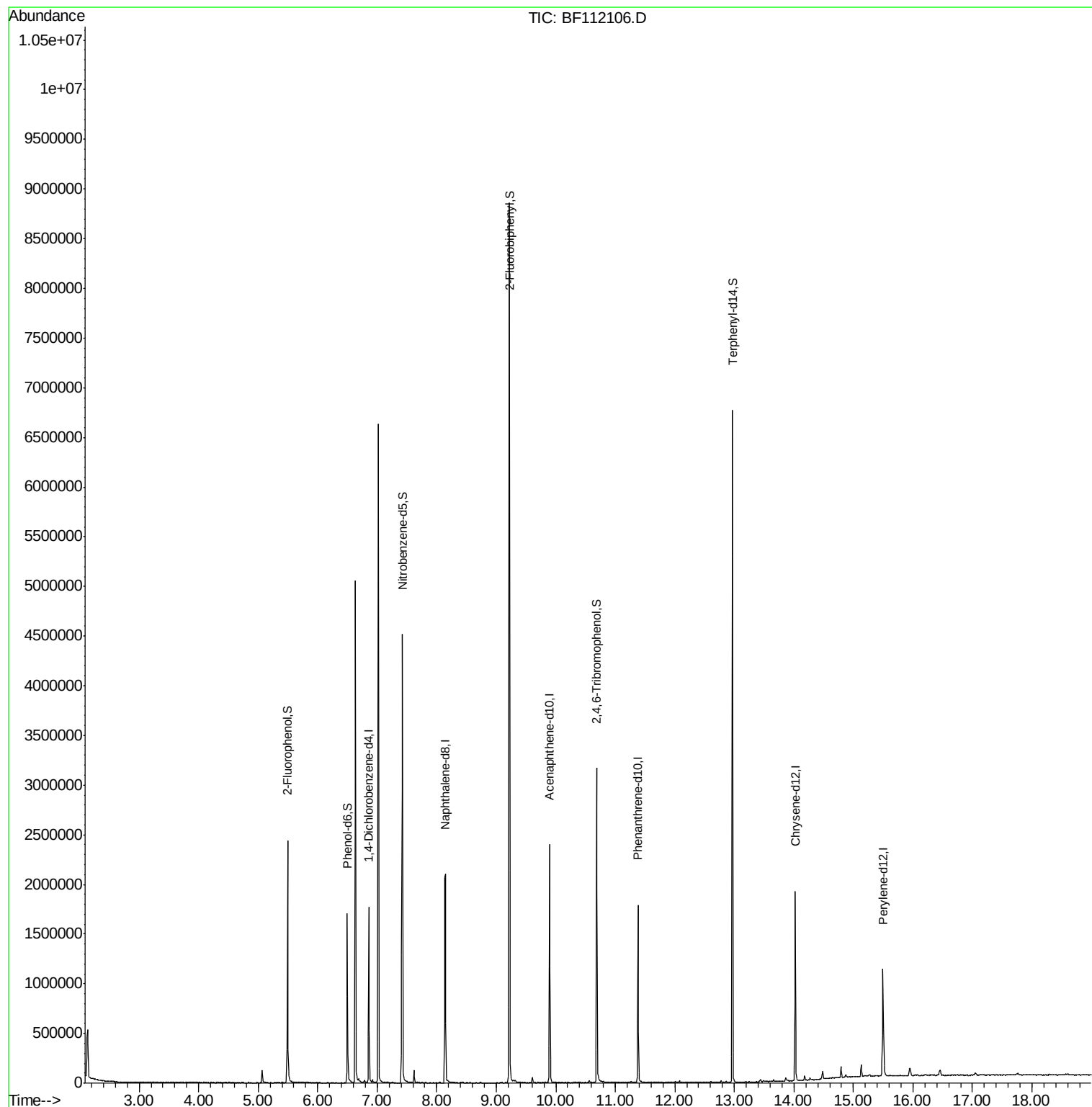
Target Compounds Qvalue

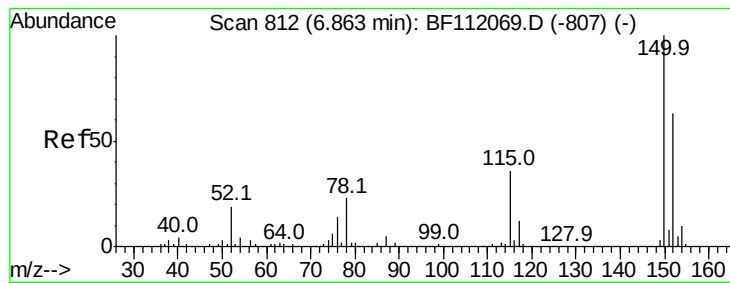
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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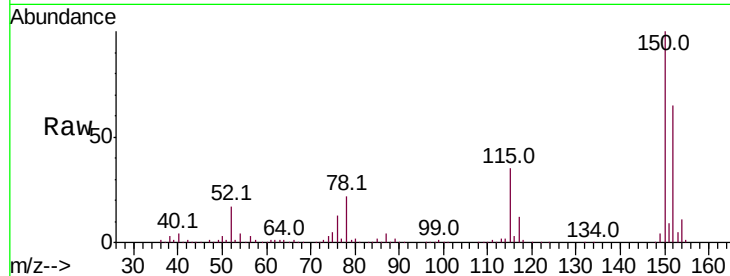


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF112106.D
Acq: 17 Jan 2019 23:46

Instrument :
BNA_F
ClientSampleId :
011519-DBRI-F-D-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	127.4	191.0
115	54.5	45.5	68.3

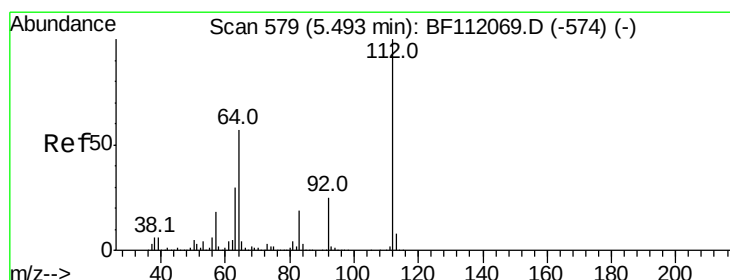
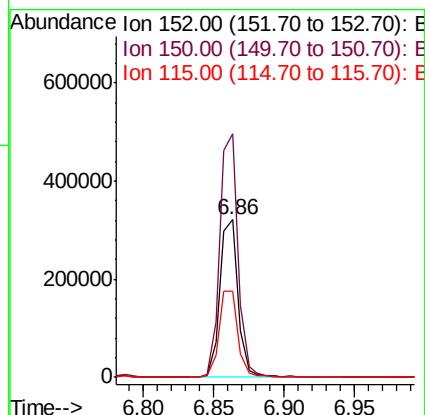
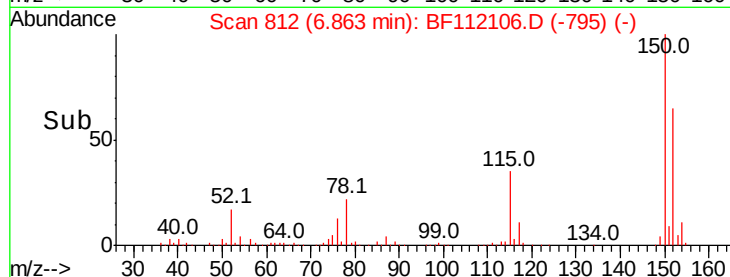


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

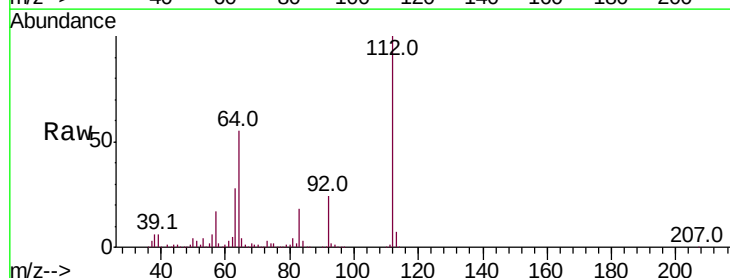
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 42.479 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF112106.D
Acq: 17 Jan 2019 23:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	45.7	68.5
63	28.4	23.6	35.4

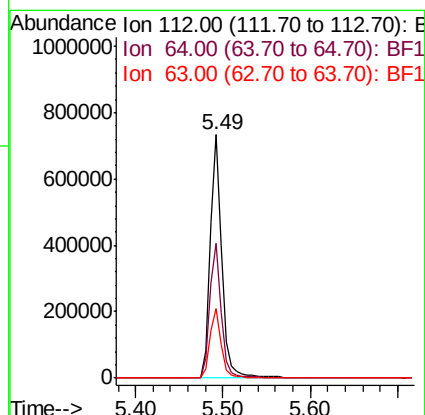
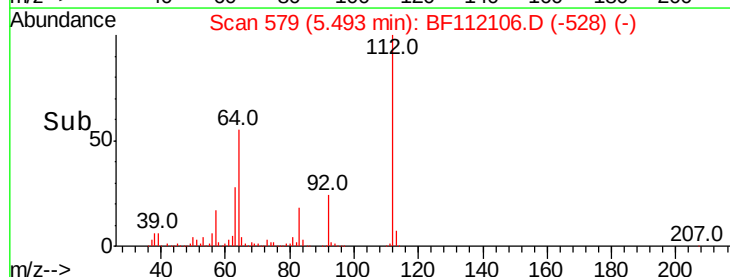


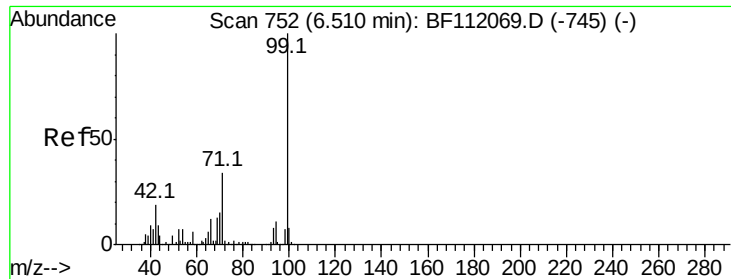
Abundance

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: 26.258 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112106.D

Acq: 17 Jan 2019 23:46

Instrument :

BNA_F

ClientSampleId :

011519-DBRI-F-D-M

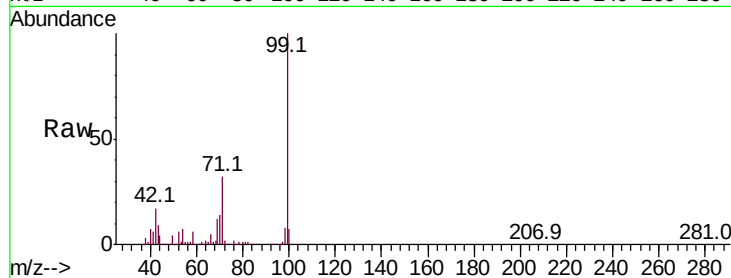
Tot Ion: 99 Resp: 527141

Ion Ratio Lower Upper

99 100

42 17.4 15.1 22.7

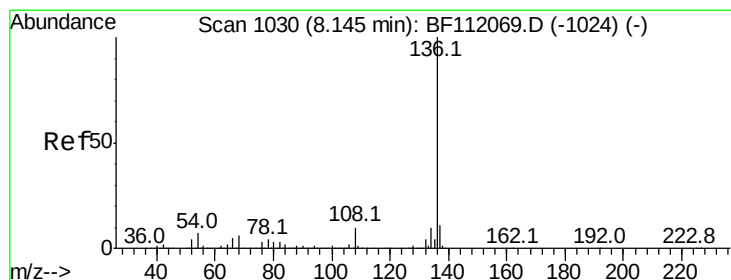
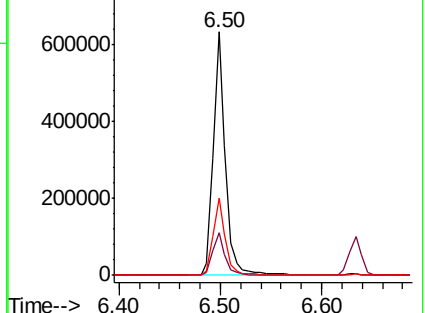
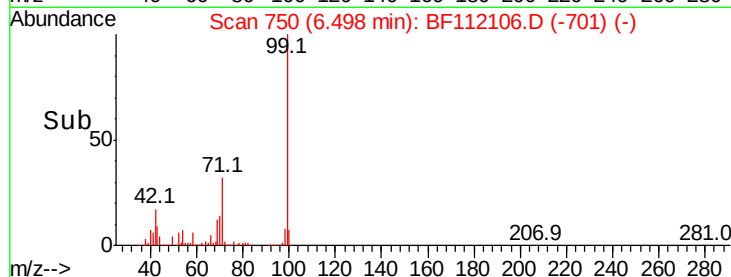
71 31.8 26.9 40.3



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: 8.15 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF112106.D

Acq: 17 Jan 2019 23:46

Tgt Ion: 136 Resp: 1028898

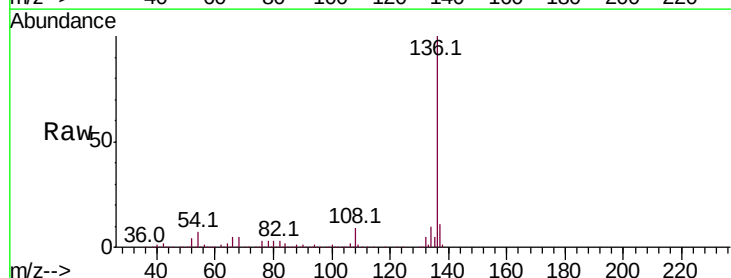
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.8 5.9 8.9

68 5.4 5.1 7.7

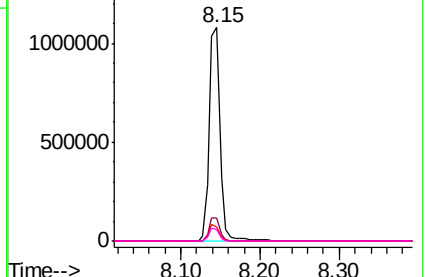
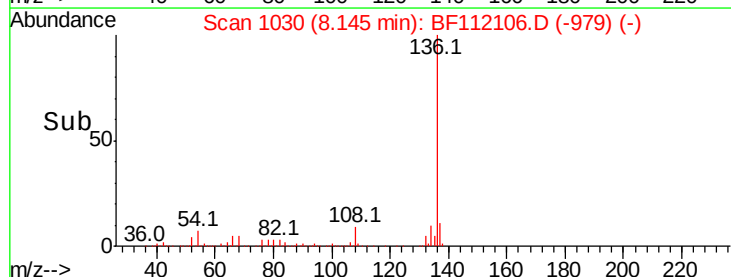


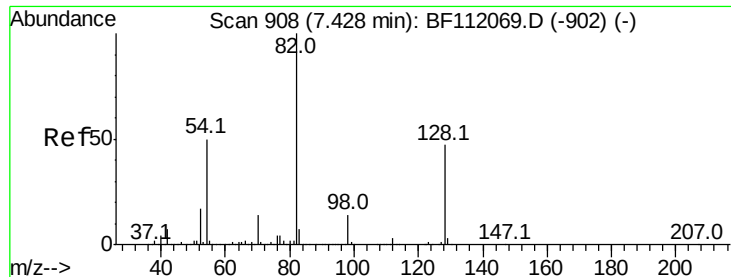
Abundance Ion 136.00 (135.70 to 136.70): E

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

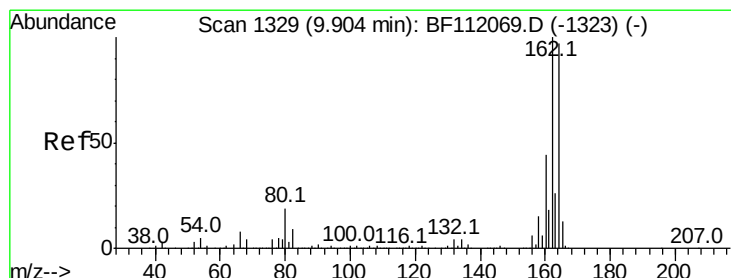
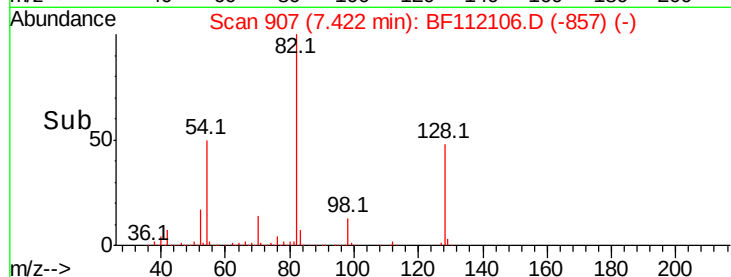
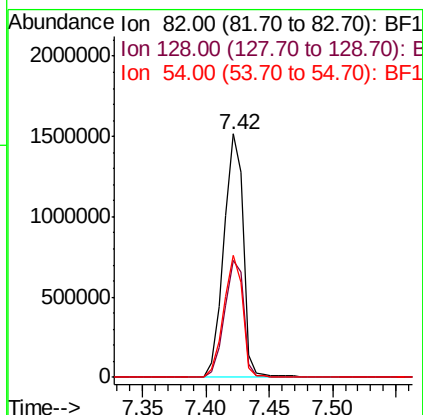
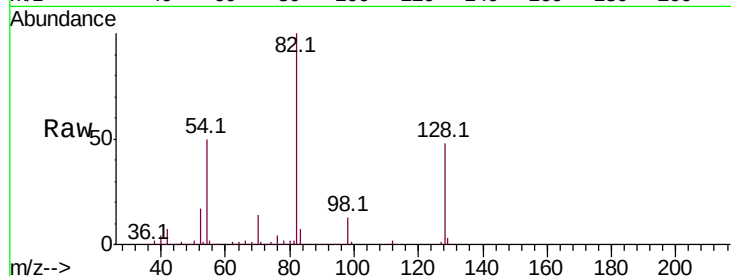




#23
 Nitrobenzene-d5
 Concen: 108.635 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF112106.D
 Acq: 17 Jan 2019 23:46

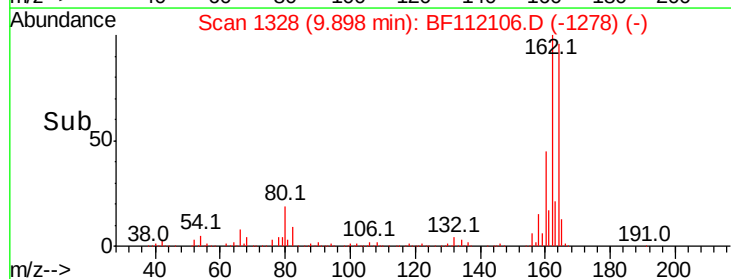
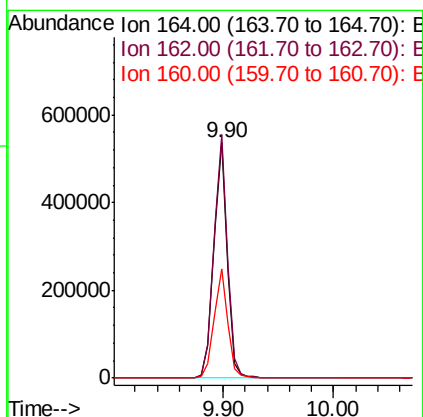
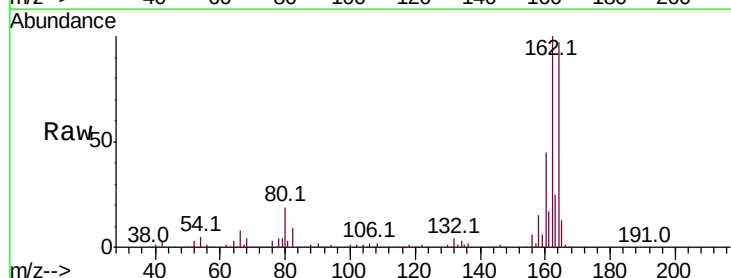
Instrument :
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 011519-DBRI-F-D-M

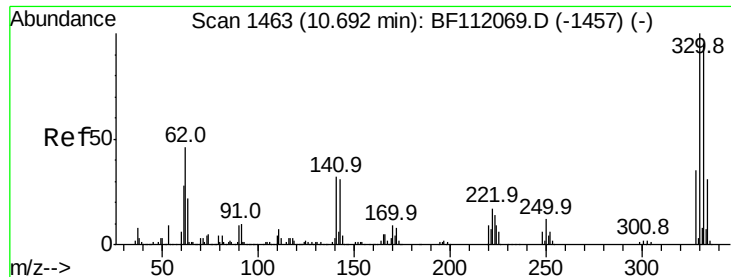
Tot Ion: 82 Resp: 1617839
 Ion Ratio Lower Upper
 82 100
 128 47.8 37.8 56.8
 54 50.3 39.7 59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF112106.D
 Acq: 17 Jan 2019 23:46

Tgt Ion: 164 Resp: 448076
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.2 123.4
 160 46.4 36.2 54.4

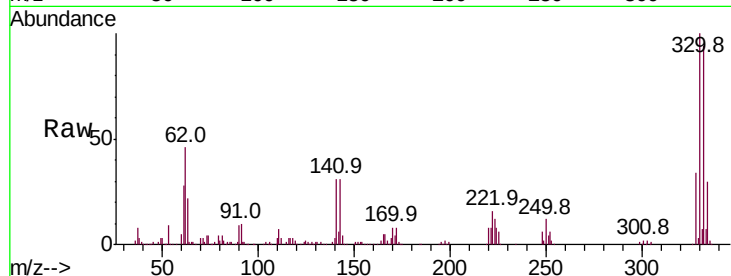




#42
 2,4,6-Tribromophenol
 Concen: 82.667 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112106.D
 Acq: 17 Jan 2019 23:46

Instrument :
 BNA_F
 ClientSampleId :
 011519-DBRI-F-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	76.6	114.8
141	30.1	24.3	36.5

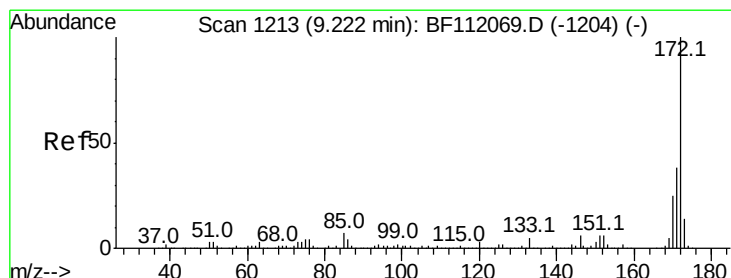
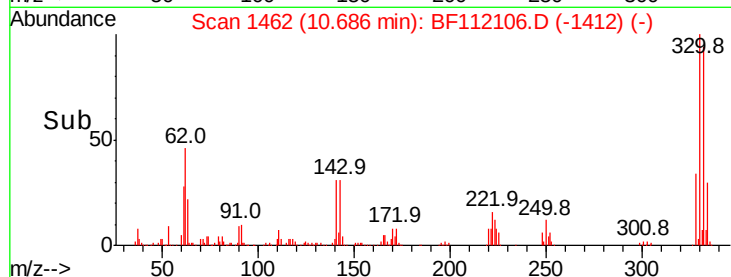
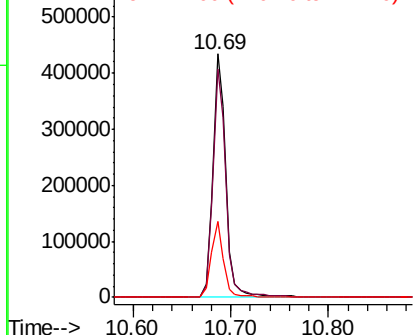


Abundance

Ion 329.80 (329.50 to 330.50): E

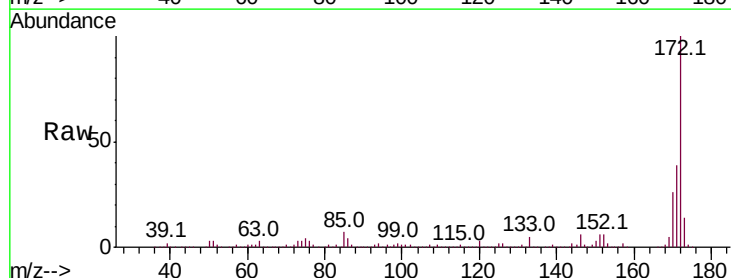
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.091 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF112106.D
 Acq: 17 Jan 2019 23:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.5	45.7
170	25.6	20.2	30.4

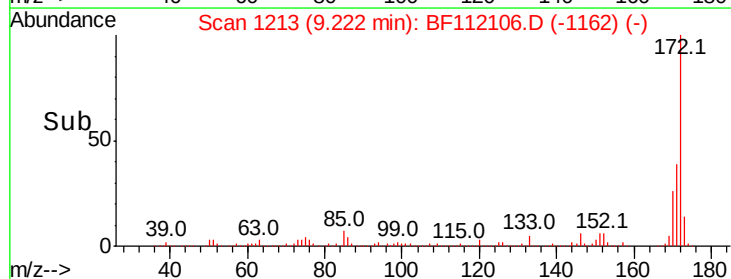
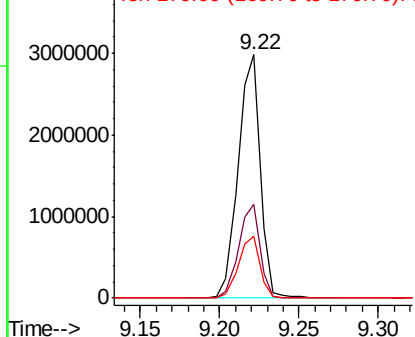


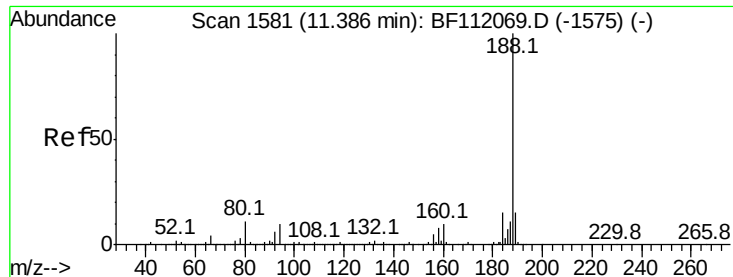
Abundance

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

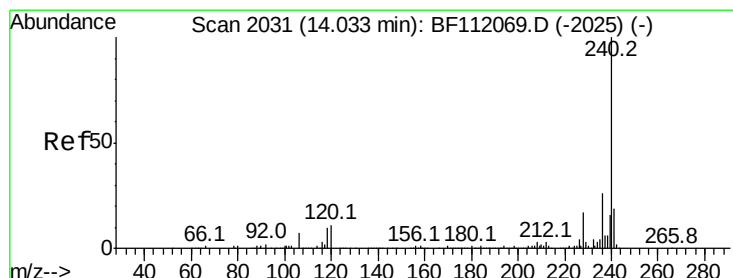
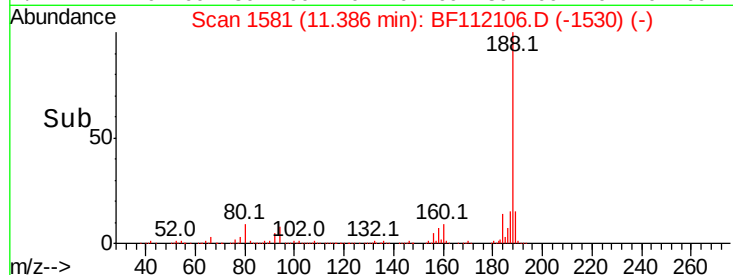
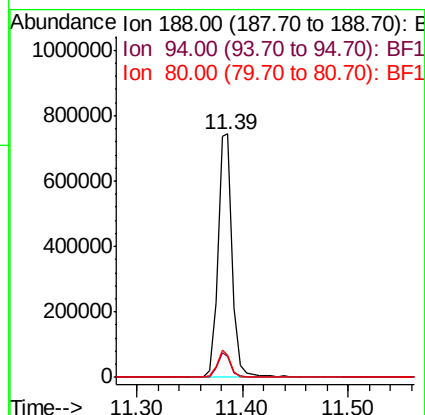
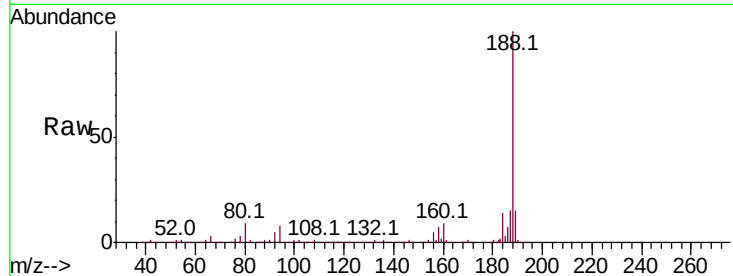




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF112106.D
Acq: 17 Jan 2019 23:46

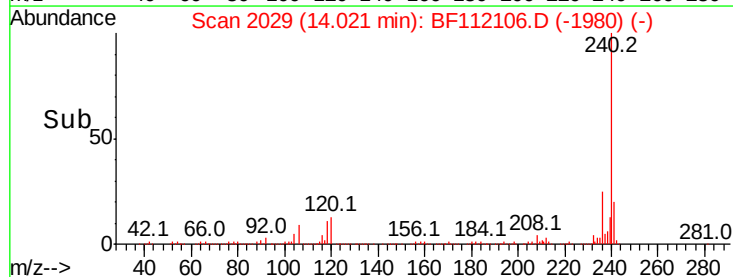
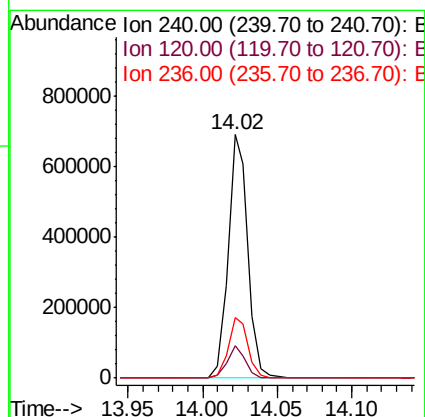
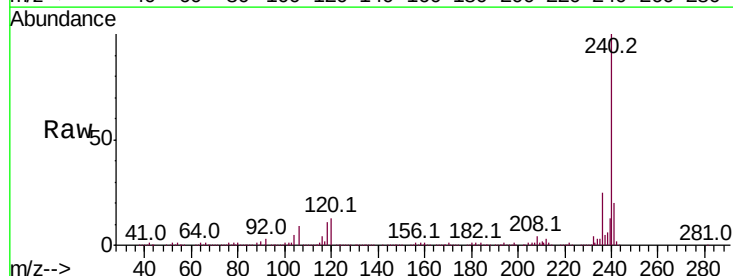
Instrument :
BNA_F
ClientSampleId :
011519-DBRI-F-D-M

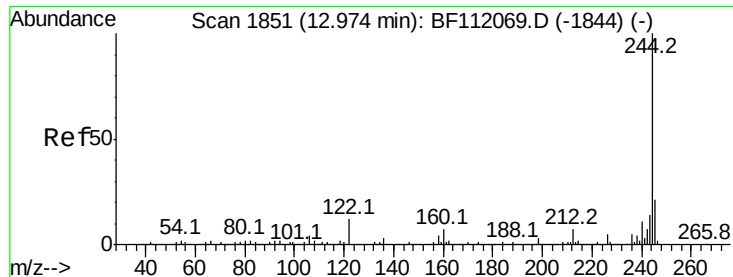
Tot Ion:188 Resp: 715413
Ion Ratio Lower Upper
188 100
94 8.5 8.2 12.2
80 9.0 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF112106.D
Acq: 17 Jan 2019 23:46

Tgt Ion:240 Resp: 642250
Ion Ratio Lower Upper
240 100
120 13.3 9.0 13.6
236 24.9 20.7 31.1





#79

Terphenyl-d14

Concen: 77.133 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF112106.D

Acq: 17 Jan 2019 23:46

Instrument :

BNA_F

ClientSampleId :

011519-DBRI-F-D-M

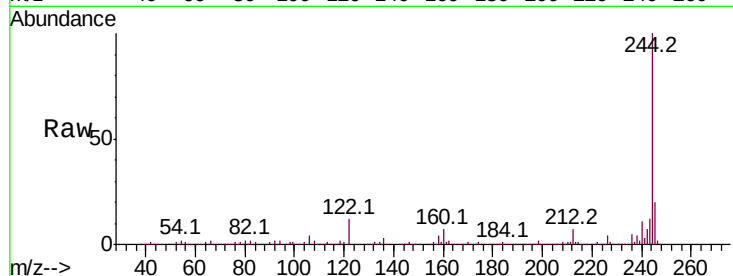
Tot Ion:244 Resp: 2328635

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

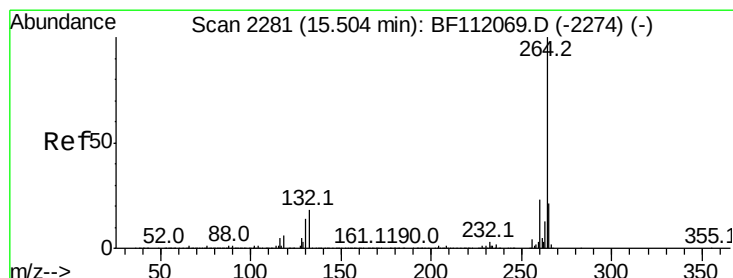
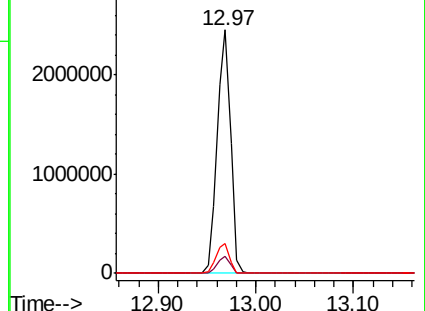
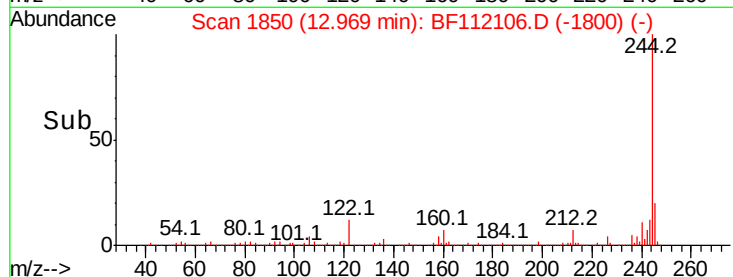
122 12.1 9.8 14.6



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: BF112106.D

Acq: 17 Jan 2019 23:46

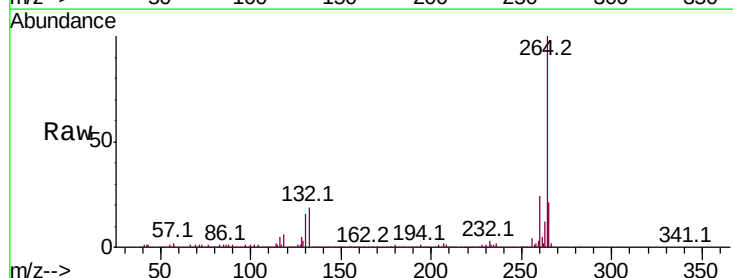
Tgt Ion:264 Resp: 496537

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.2

265 21.4 17.0 25.4



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

