

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116203.D
 Acq On : 12 Aug 2019 21:53
 Operator : HP/JU
 Sample : K4085-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-B

Quant Time: Aug 13 01:47:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	123091	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	476097	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	263413	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	511557	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	401247	20.00	ng	-0.01
87) Perylene-d12	15.47	264	347567	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	902413	122.73	ng	0.00
7) Phenol-d6	6.47	99	1065431	114.85	ng	-0.01
23) Nitrobenzene-d5	7.40	82	833615	101.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	398306	155.96	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1443386	102.64	ng	-0.02
79) Terphenyl-d14	12.94	244	1848039	97.05	ng	-0.01

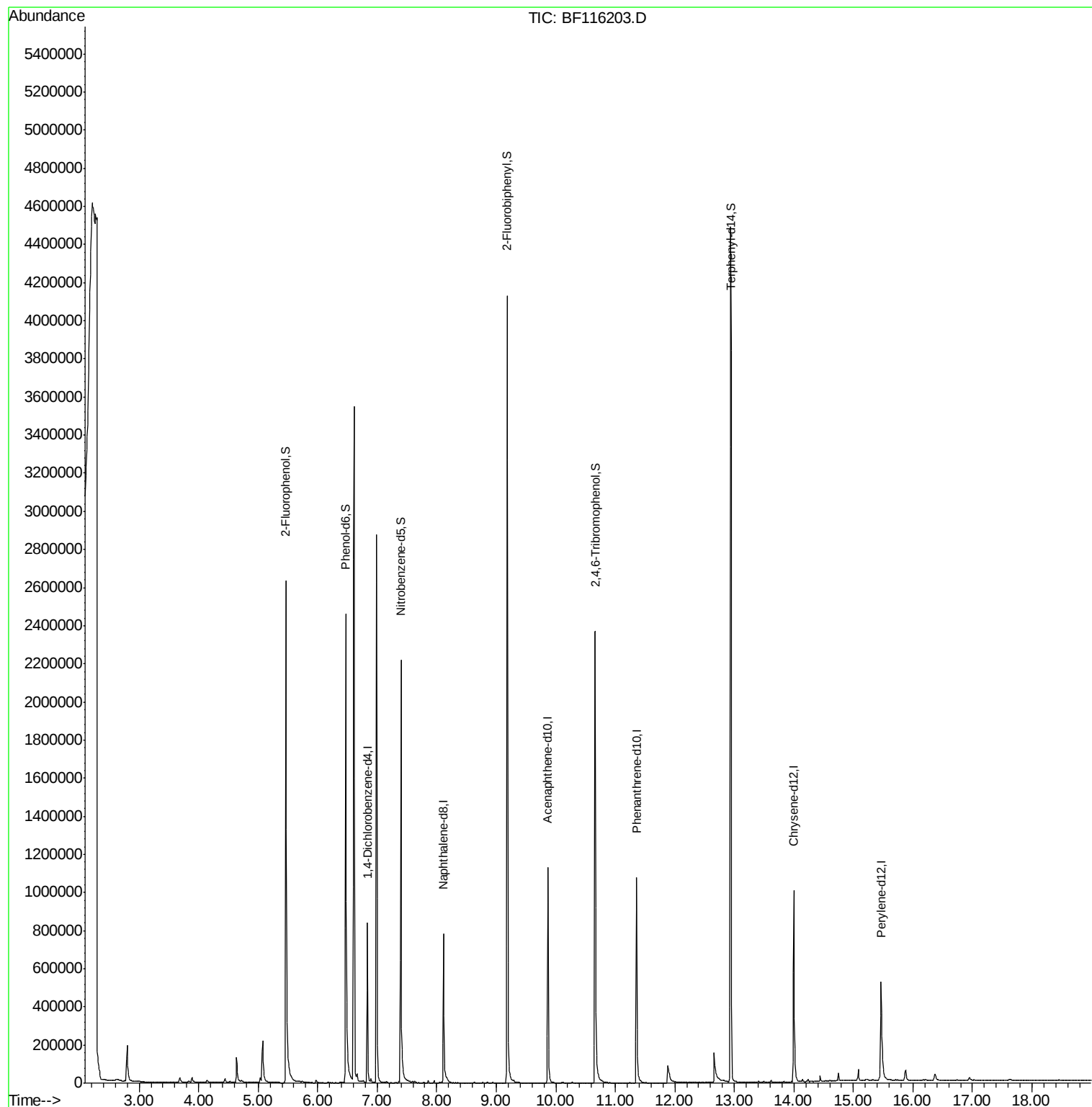
Target Compounds Qvalue

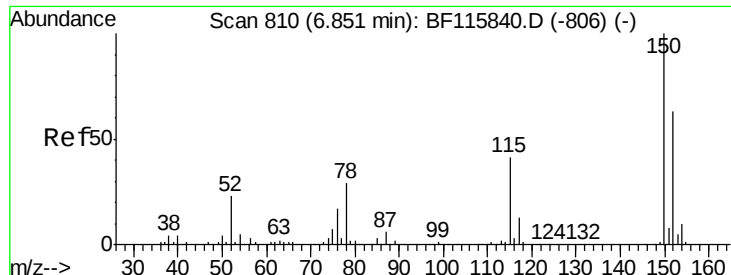
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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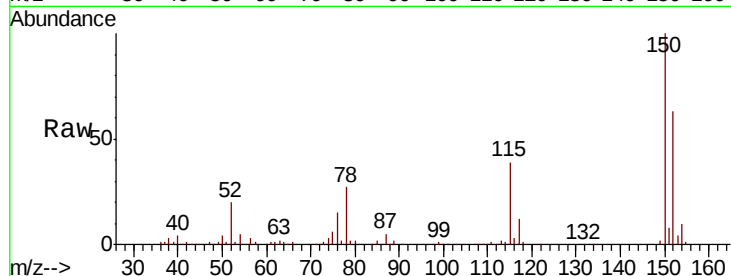


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116203.D
 Acq: 12 Aug 2019 21:53

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.2	189.2
115	61.6	49.9	74.9

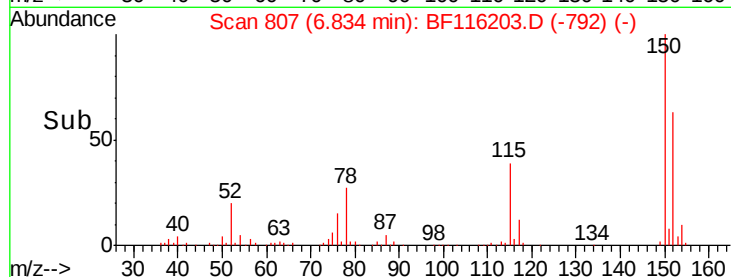
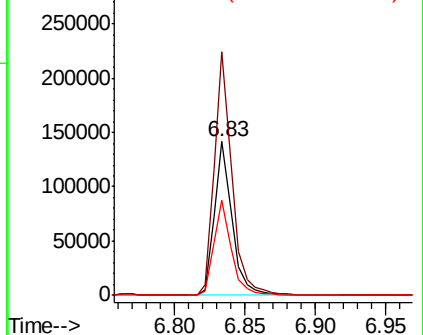


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

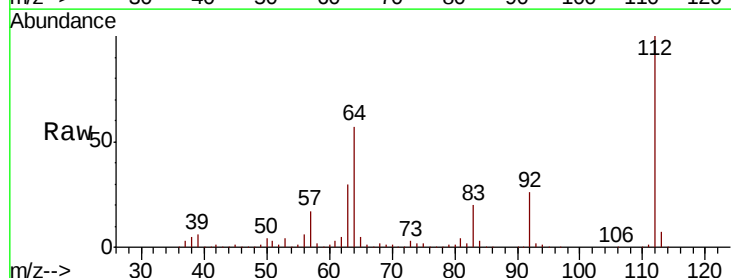
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 122.730 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF116203.D
 Acq: 12 Aug 2019 21:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.4	68.2
63	29.7	23.7	35.5

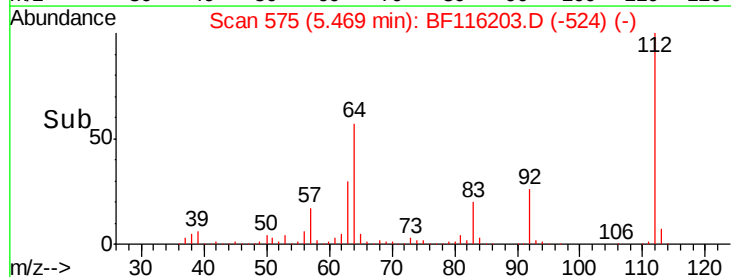
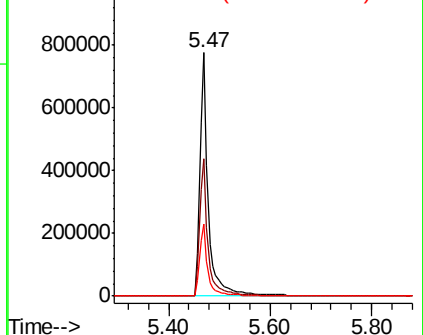


Abundance

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: 114.848 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116203.D

Acq: 12 Aug 2019 21:53

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-B

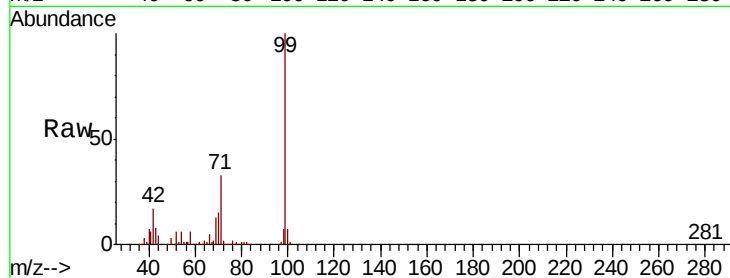
Tot Ion: 99 Resp: 1065431

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.8

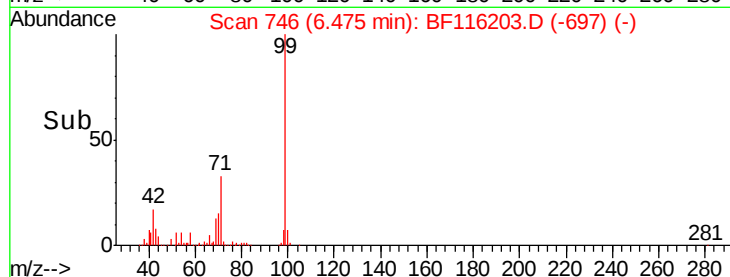
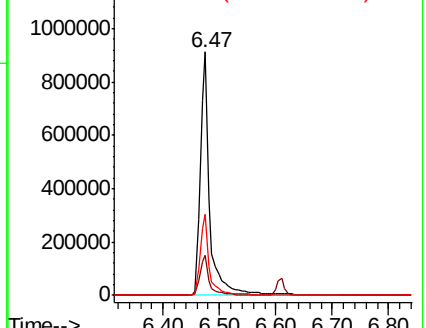
71 33.2 27.3 40.9



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116203.D

Acq: 12 Aug 2019 21:53

Tgt Ion: 136 Resp: 476097

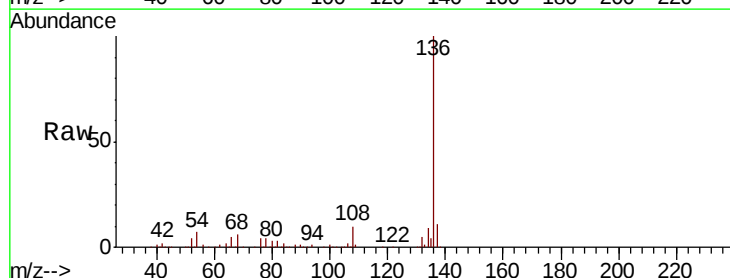
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.6 5.8 8.6

68 5.9 5.2 7.8

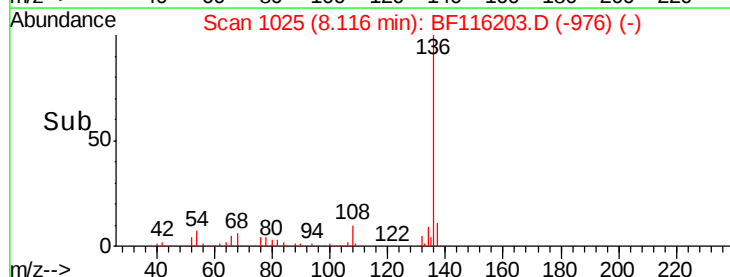
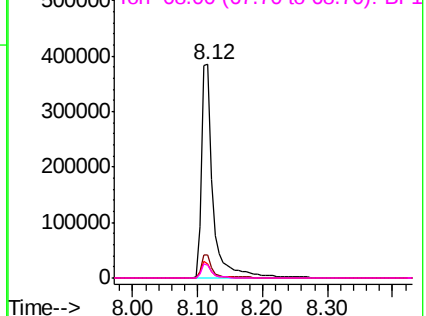


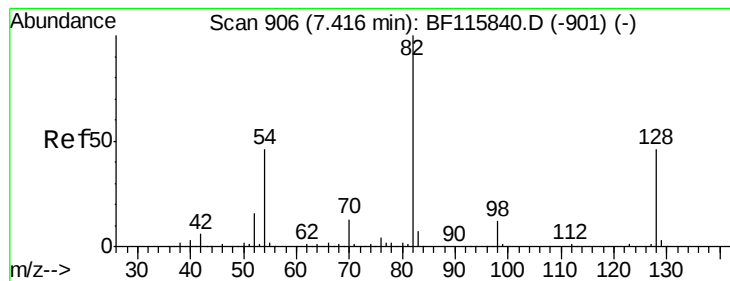
Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.069 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116203.D

Acq: 12 Aug 2019 21:53

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-B

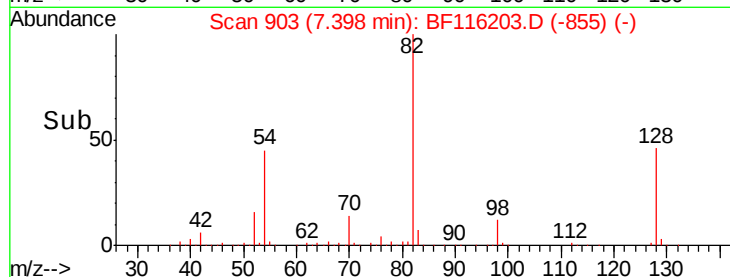
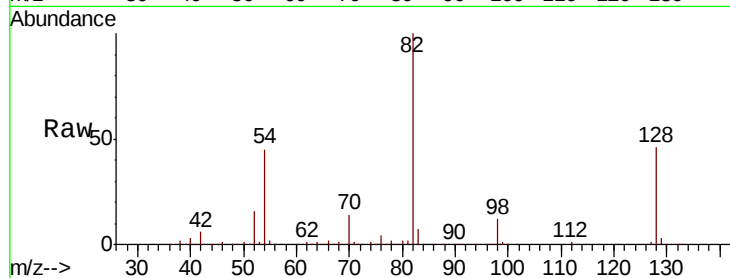
Tot Ion: 82 Resp: 833615

Ion Ratio Lower Upper

82 100

128 45.9 36.5 54.7

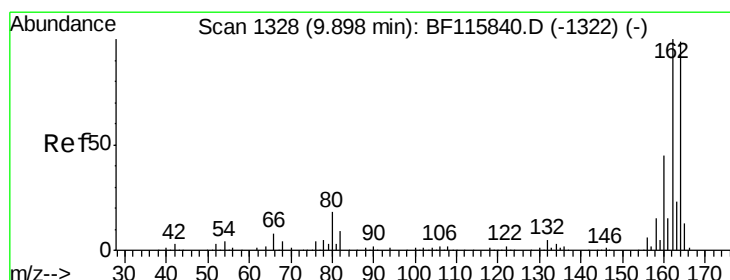
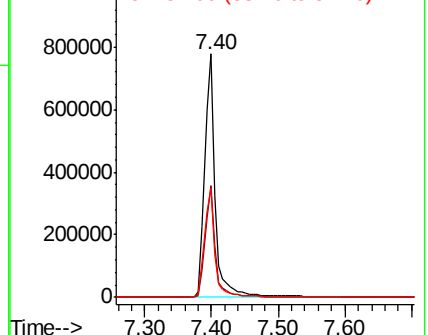
54 44.8 36.0 54.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116203.D

Acq: 12 Aug 2019 21:53

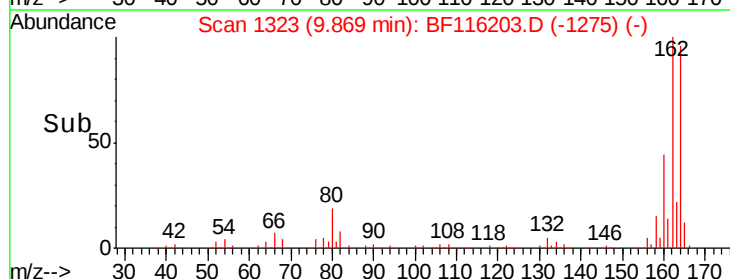
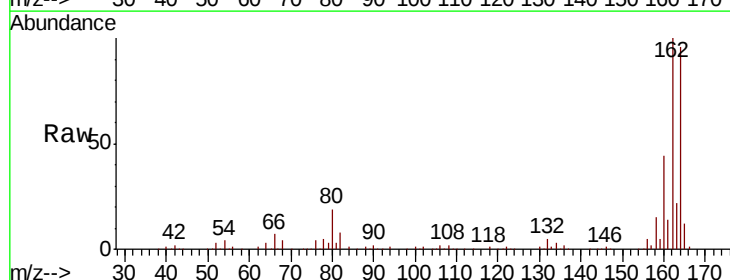
Tgt Ion: 164 Resp: 263413

Ion Ratio Lower Upper

164 100

162 103.9 82.6 124.0

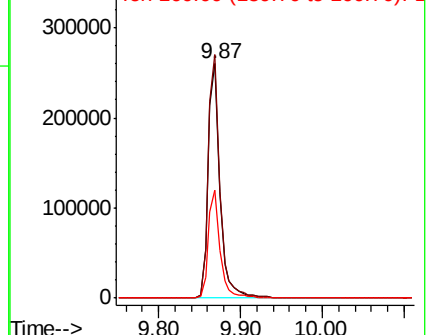
160 46.0 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

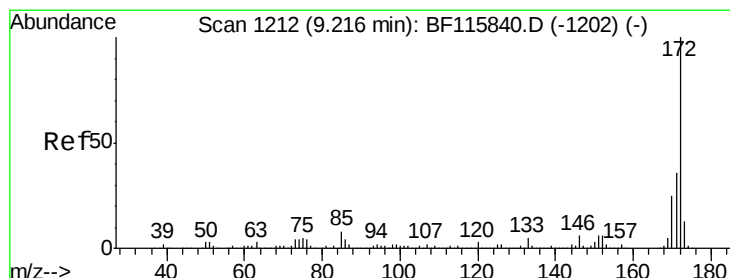
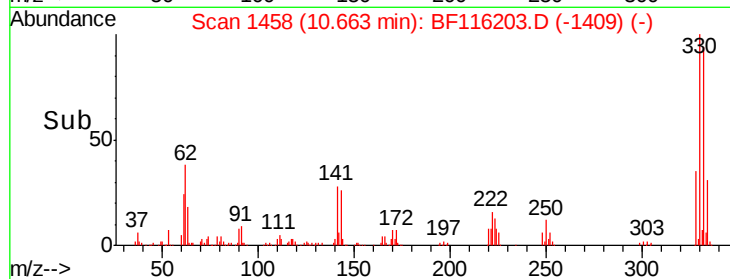
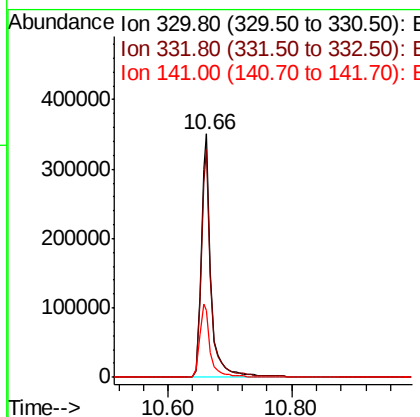
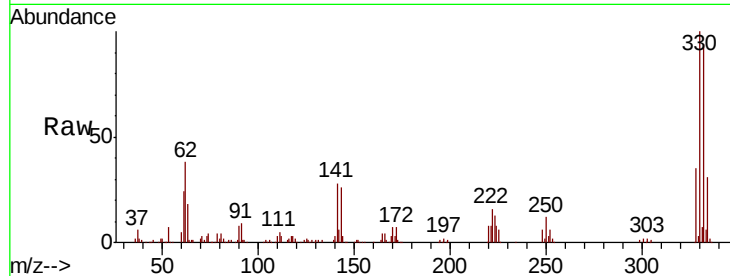




#42
 2,4,6-Tribromophenol
 Concen: 155.962 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116203.D
 Acq: 12 Aug 2019 21:53

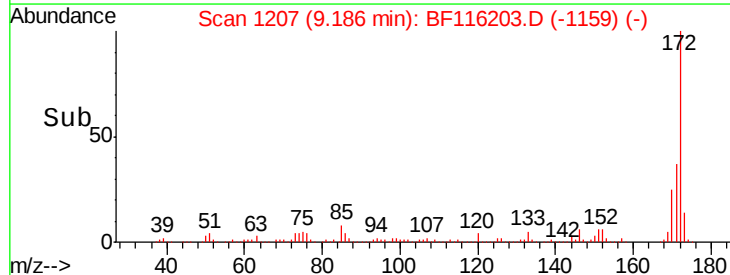
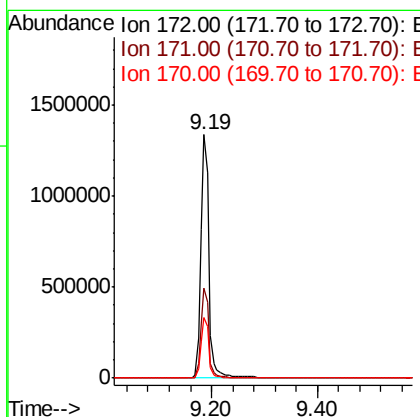
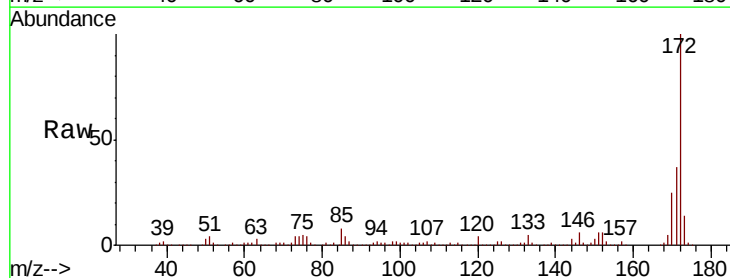
Instrument :
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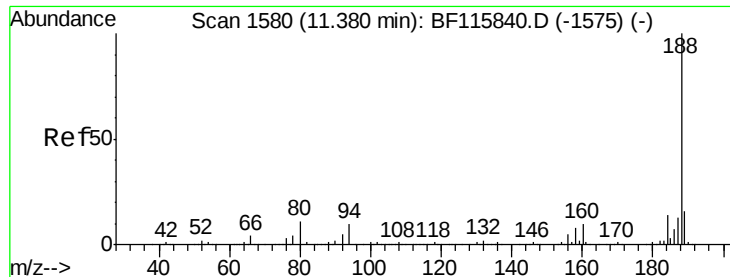
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.8	115.2
141	33.0	26.3	39.5



#45
 2-Fluorobiphenyl
 Concen: 102.636 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116203.D
 Acq: 12 Aug 2019 21:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	25.1	20.1	30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116203.D

Acq: 12 Aug 2019 21:53

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-B

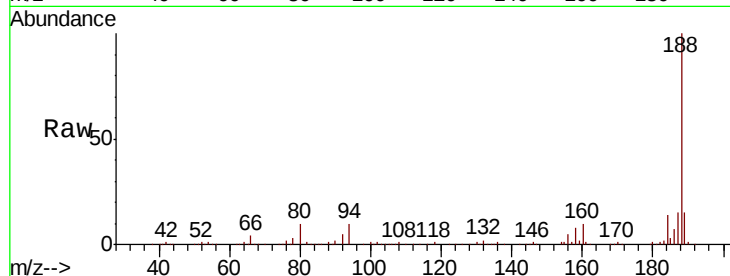
Tot Ion:188 Resp: 511557

Ion Ratio Lower Upper

188 100

94 9.6 8.1 12.1

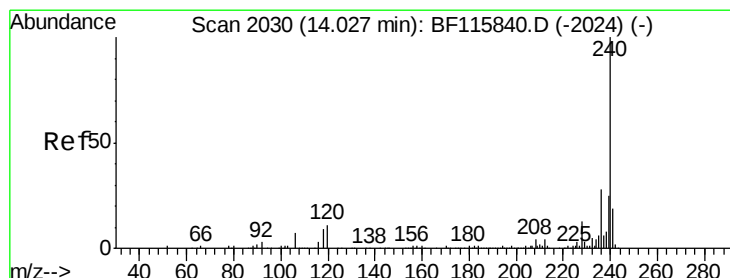
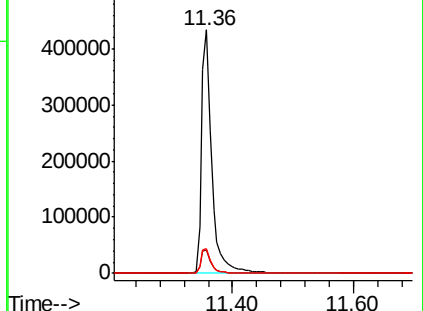
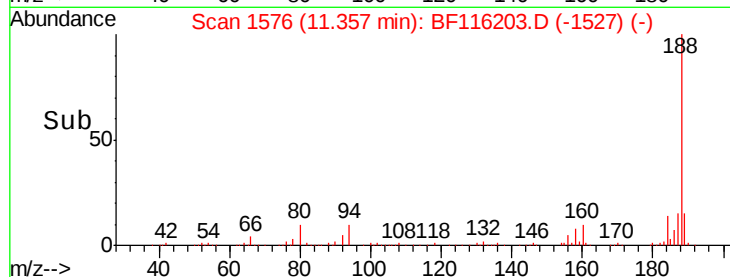
80 10.1 8.7 13.1



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: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF116203.D

Acq: 12 Aug 2019 21:53

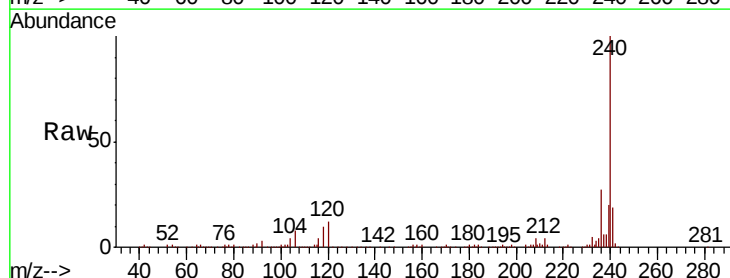
Tgt Ion:240 Resp: 401247

Ion Ratio Lower Upper

240 100

120 12.0 10.7 16.1

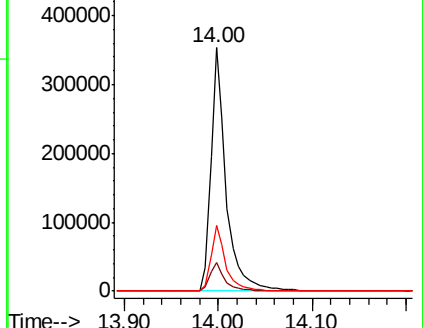
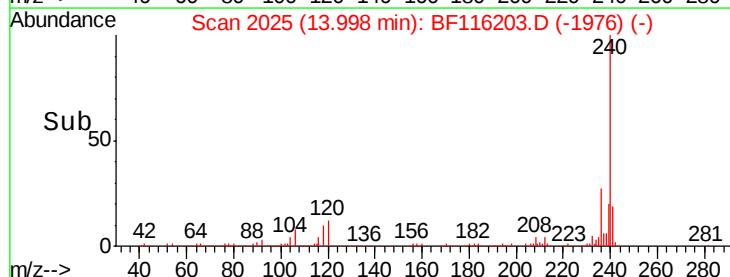
236 26.9 22.2 33.2



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: 97.051 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116203.D

Acq: 12 Aug 2019 21:53

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-B

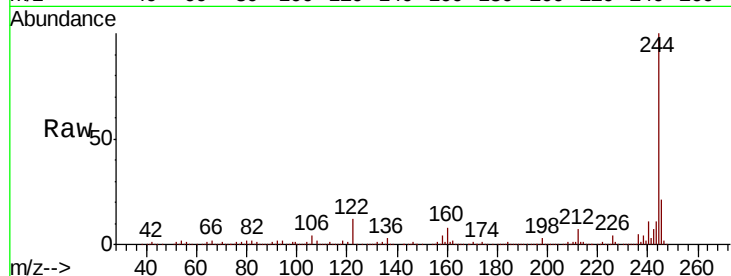
Tot Ion:244 Resp: 1848039

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

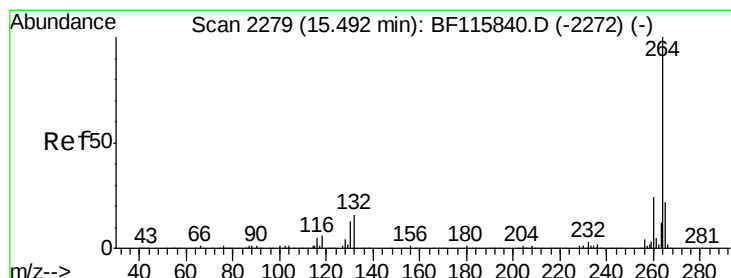
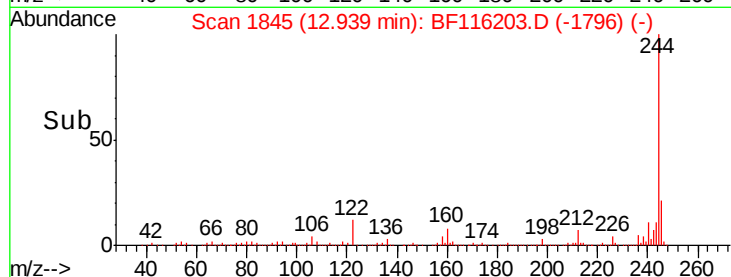
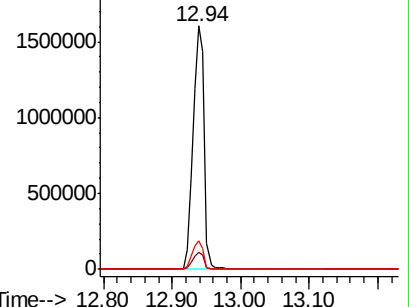
122 11.6 9.0 13.4



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116203.D

Acq: 12 Aug 2019 21:53

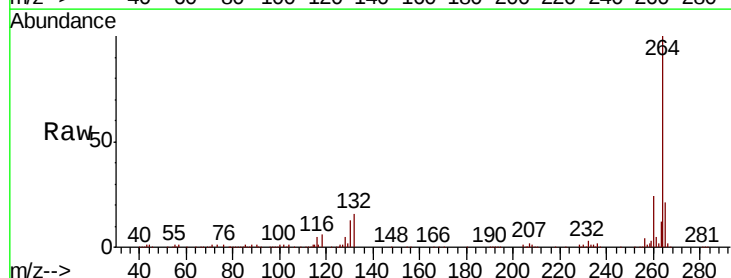
Tgt Ion:264 Resp: 347567

Ion Ratio Lower Upper

264 100

260 23.9 19.7 29.5

265 21.1 17.4 26.0



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

