

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116138.D
 Acq On : 10 Aug 2019 3:05
 Operator : HP/JU
 Sample : K3613-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-080719-B

Quant Time: Aug 10 07:00:40 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	6.84	152	116944	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	431328	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	209161	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	314181	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	261848	20.00	ng	0.00
87) Perylene-d12	15.47	264	276567	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	828428	118.59	ng	0.01
7) Phenol-d6	6.48	99	962940	109.26	ng	0.00
23) Nitrobenzene-d5	7.40	82	740382	99.08	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	259736	128.08	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1279024	114.54	ng	-0.01
79) Terphenyl-d14	12.94	244	1132611	91.14	ng	-0.01

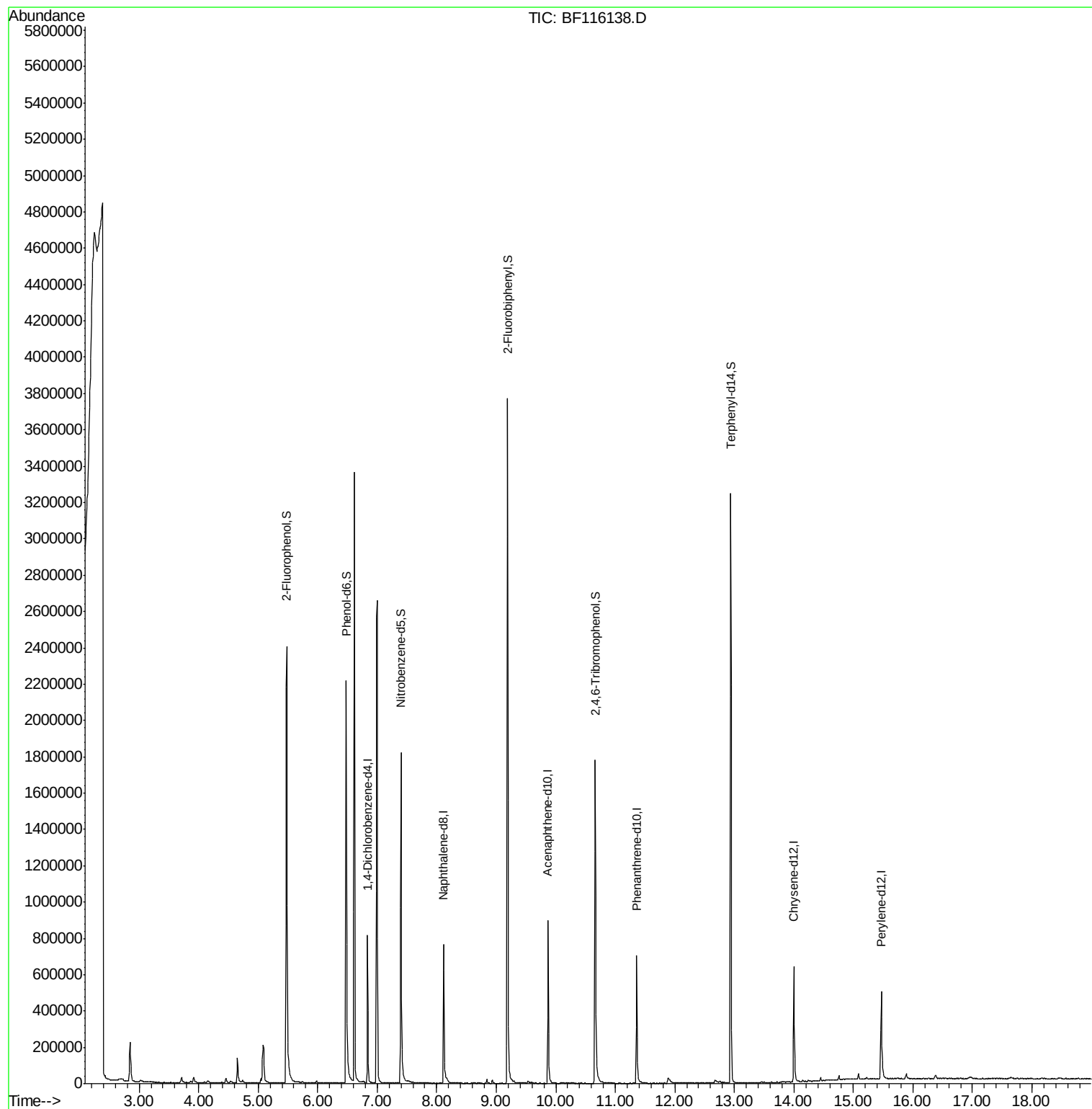
Target Compounds Qvalue

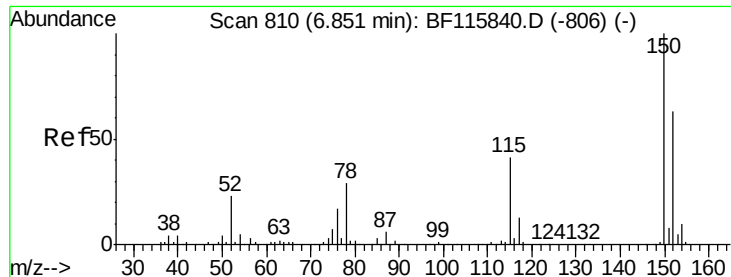
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF116138.D

Acq: 10 Aug 2019 3:05

Instrument :

BNA_F

ClientSampleId :

AU-05-080719-B

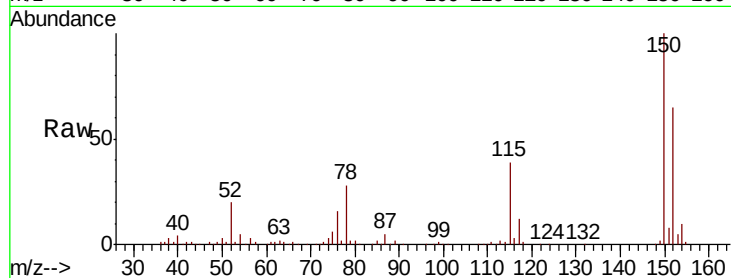
Tot Ion:152 Resp: 116944

Ion Ratio Lower Upper

152 100

150 153.5 126.2 189.2

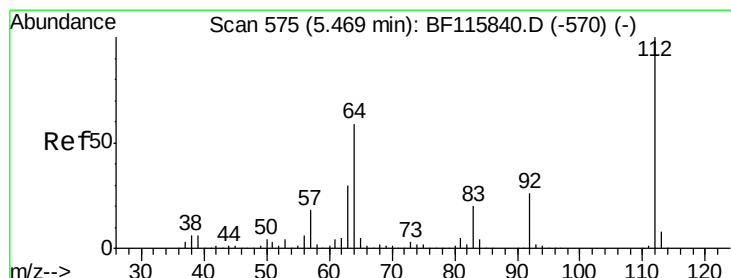
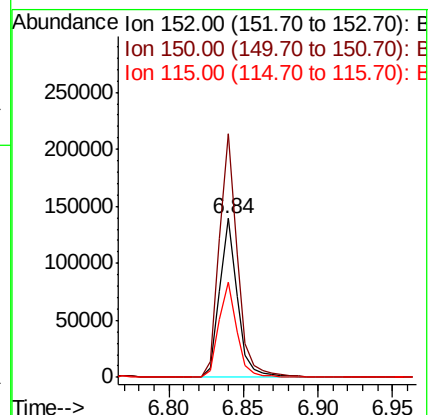
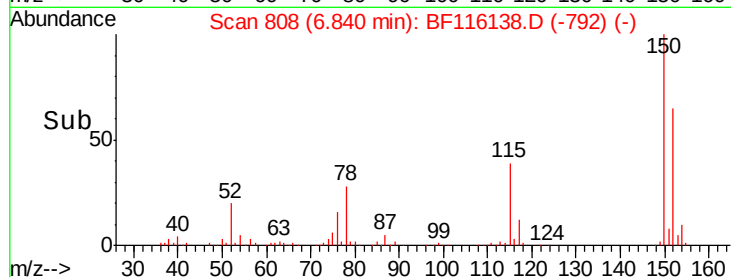
115 60.3 49.9 74.9



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: 118.590 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF116138.D

Acq: 10 Aug 2019 3:05

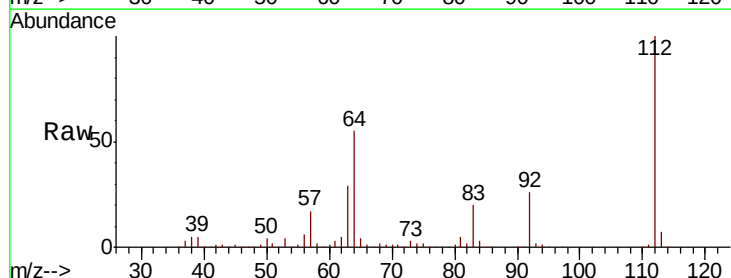
Tgt Ion:112 Resp: 828428

Ion Ratio Lower Upper

112 100

64 55.5 45.4 68.2

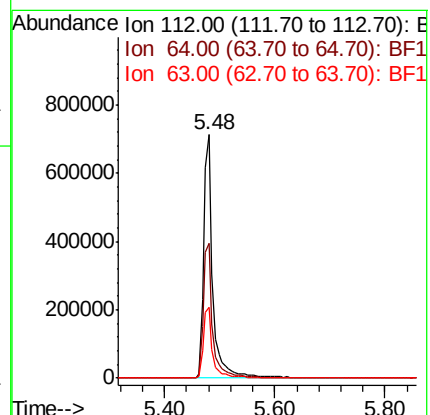
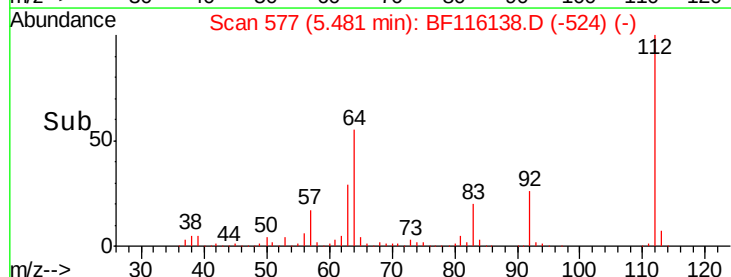
63 29.0 23.7 35.5

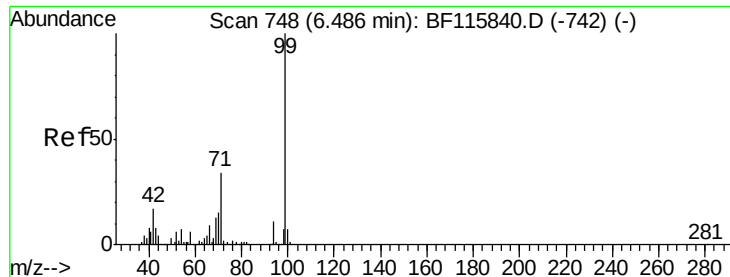


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 109.256 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116138.D

Acq: 10 Aug 2019 3:05

Instrument :

BNA_F

ClientSampleId :

AU-05-080719-B

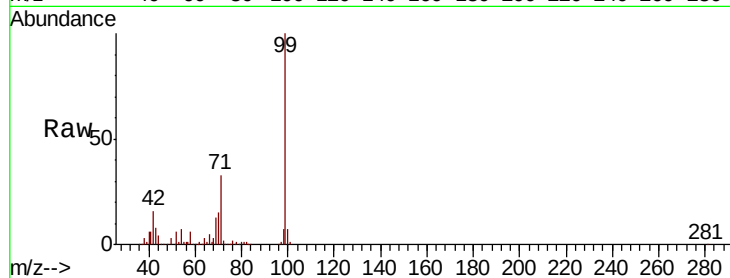
Tot Ion: 99 Resp: 962940

Ion Ratio Lower Upper

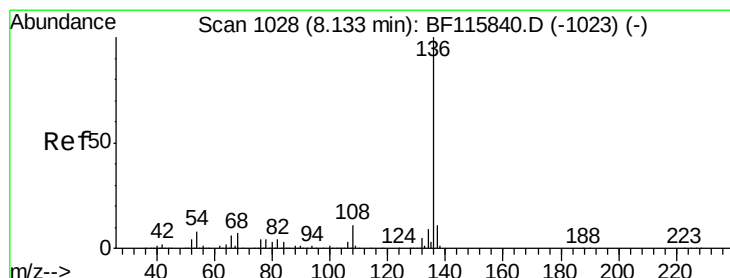
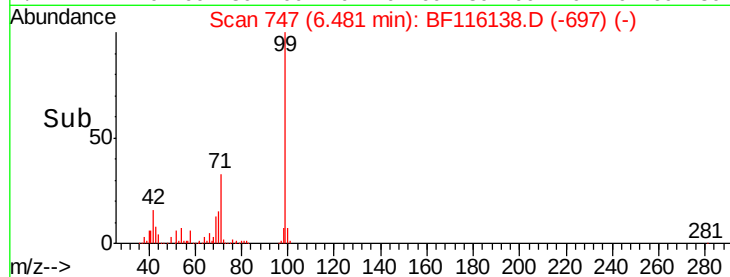
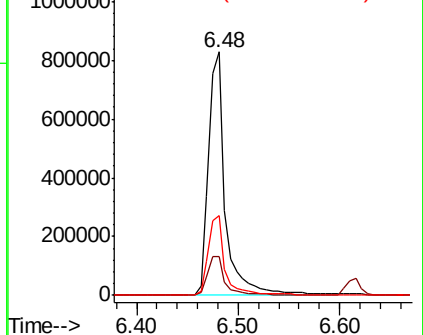
99 100

42 16.1 13.8 20.8

71 32.5 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: BF116138.D

Acq: 10 Aug 2019 3:05

Tgt Ion: 136 Resp: 431328

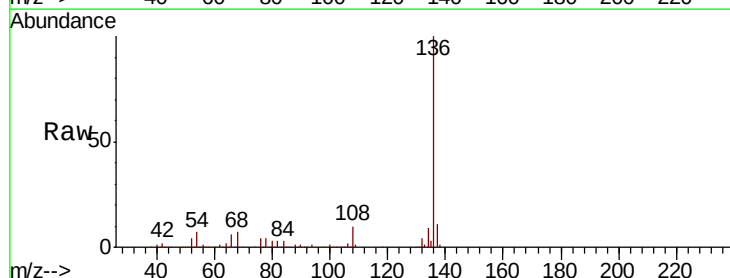
Ion Ratio Lower Upper

136 100

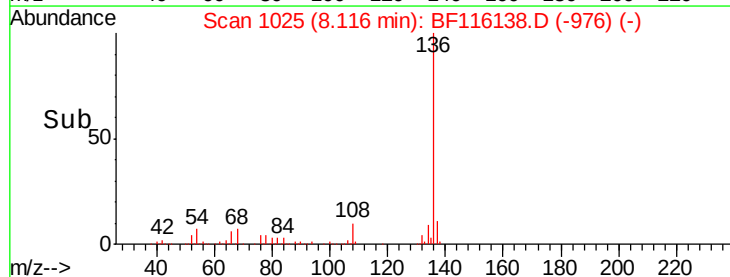
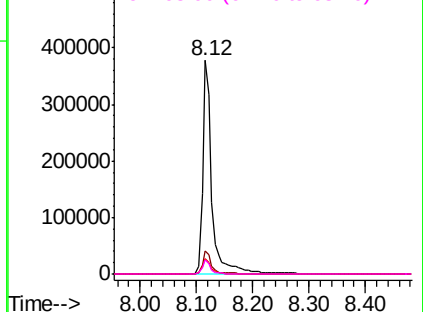
137 11.0 9.0 13.4

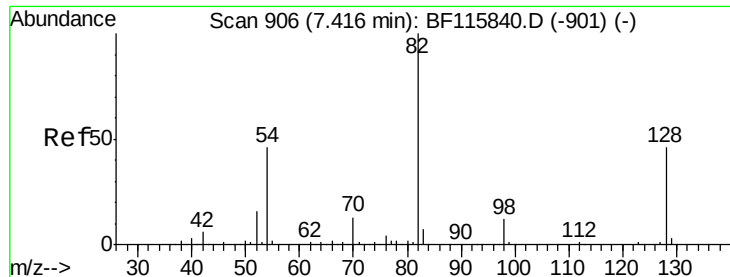
54 7.4 5.8 8.6

68 6.5 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

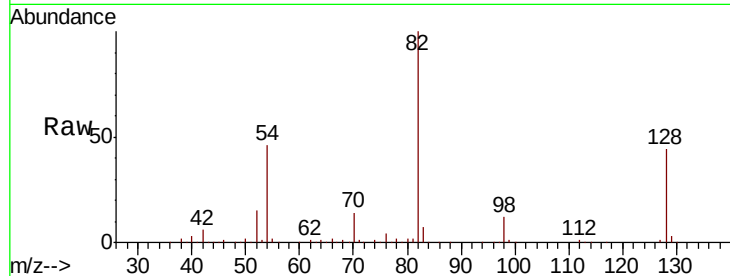




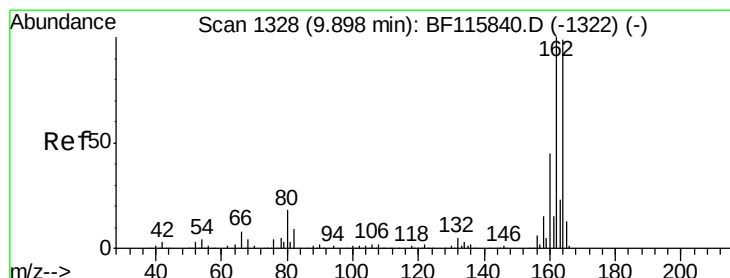
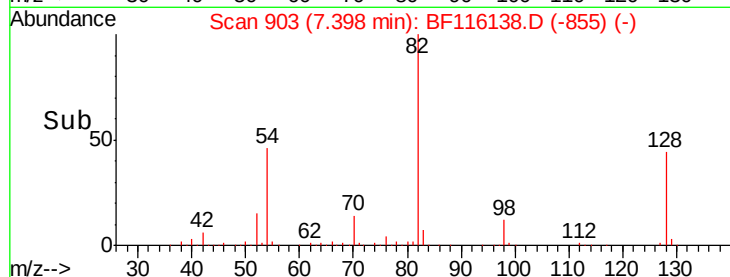
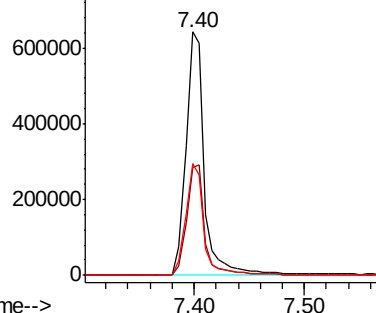
#23
Nitrobenzene-d5
Concen: 99.083 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116138.D
Acq: 10 Aug 2019 3:05

Instrument :
BNA_F
ClientSampleId :
AU-05-080719-B

Tot Ion: 82 Resp: 740382
Ion Ratio Lower Upper
82 100
128 44.4 36.5 54.7
54 45.8 36.0 54.0

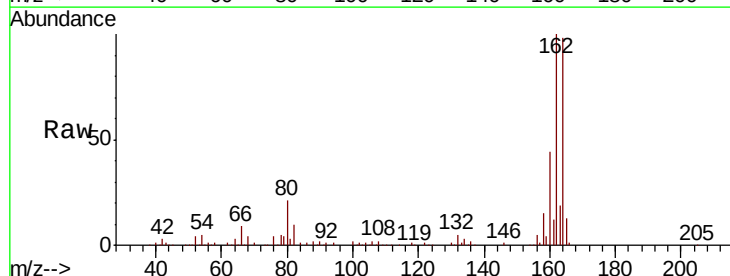


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

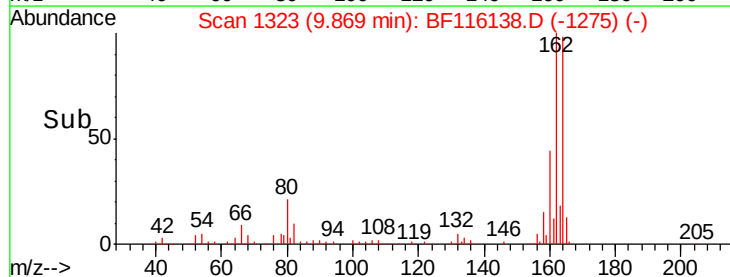
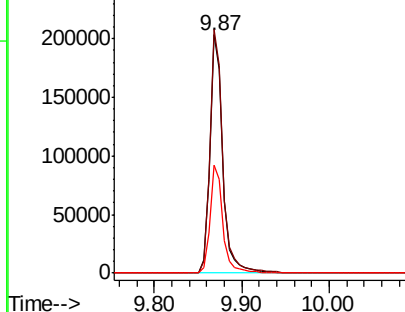


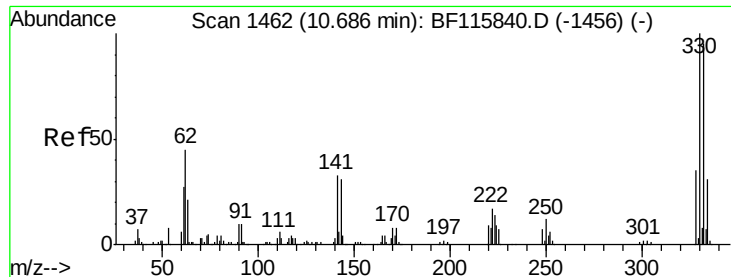
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116138.D
Acq: 10 Aug 2019 3:05

Tgt Ion: 164 Resp: 209161
Ion Ratio Lower Upper
164 100
162 102.1 82.6 124.0
160 45.2 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

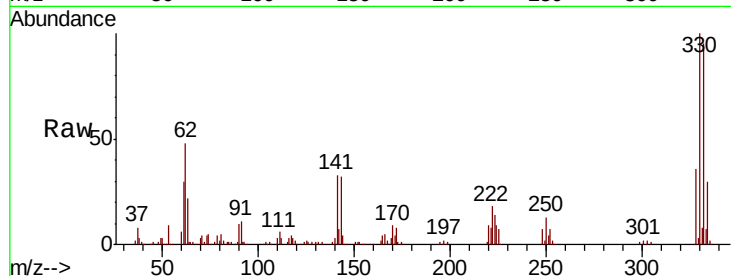




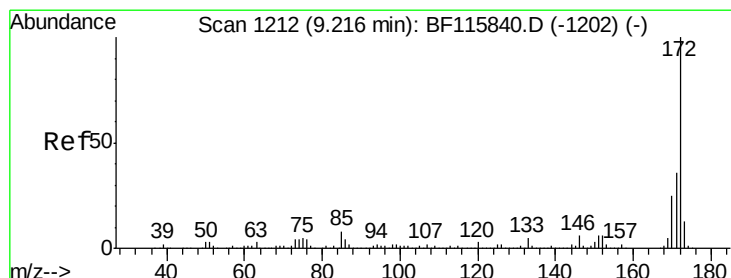
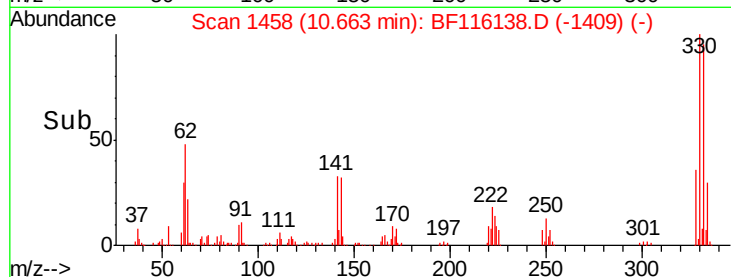
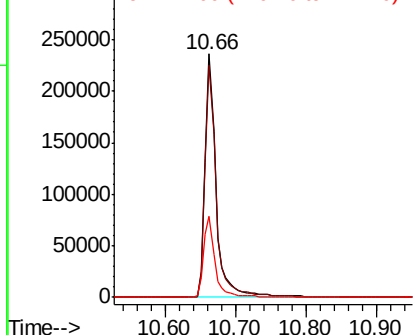
#42
 2,4,6-Tribromophenol
 Concen: 128.083 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116138.D
 Acq: 10 Aug 2019 3:05

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-080719-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.8	115.2
141	34.2	26.3	39.5

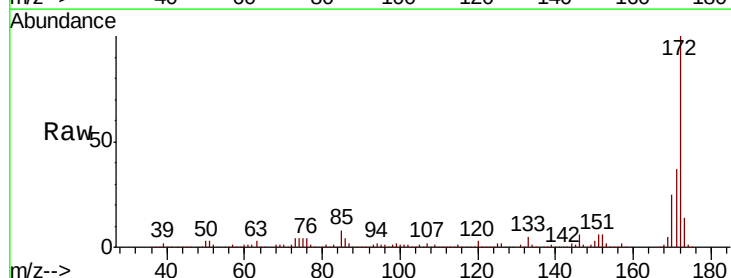


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

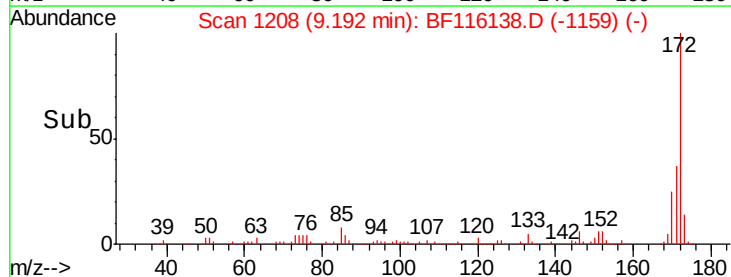
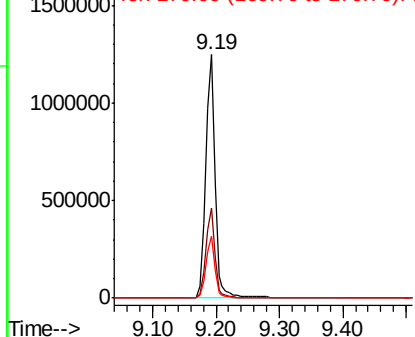


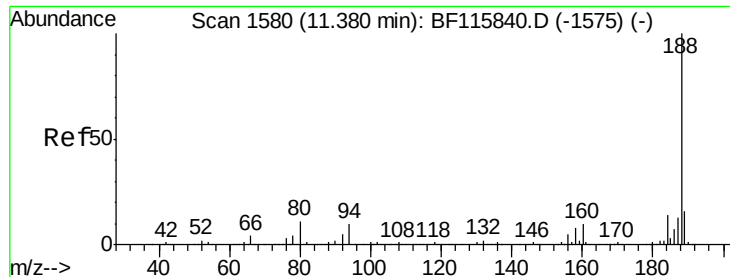
#45
 2-Fluorobiphenyl
 Concen: 114.539 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116138.D
 Acq: 10 Aug 2019 3:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	25.5	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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116138.D

Acq: 10 Aug 2019 3:05

Instrument :

BNA_F

ClientSampleId :

AU-05-080719-B

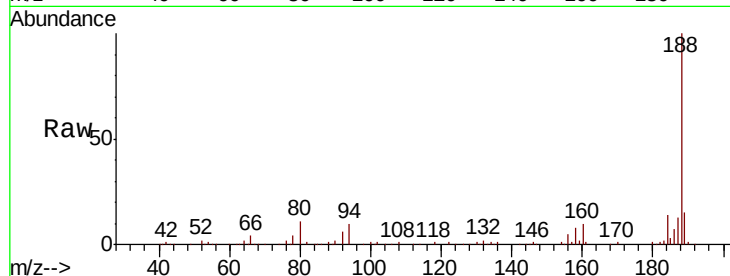
Tot Ion:188 Resp: 314181

Ion Ratio Lower Upper

188 100

94 10.3 8.1 12.1

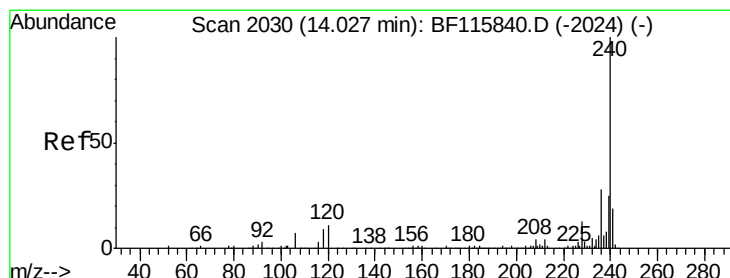
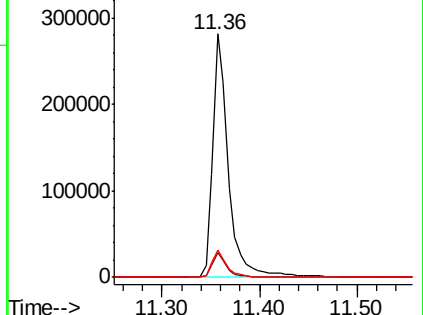
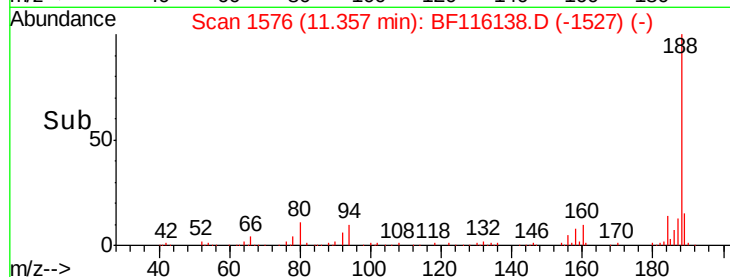
80 11.0 8.7 13.1



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# 2026

Delta R.T. -0.01 min

Lab File: BF116138.D

Acq: 10 Aug 2019 3:05

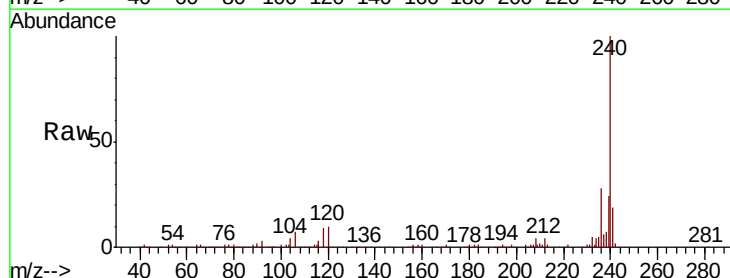
Tgt Ion:240 Resp: 261848

Ion Ratio Lower Upper

240 100

120 10.3 10.7 16.1#

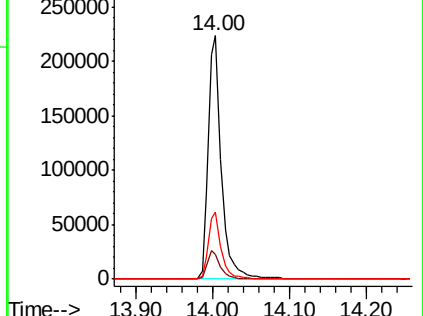
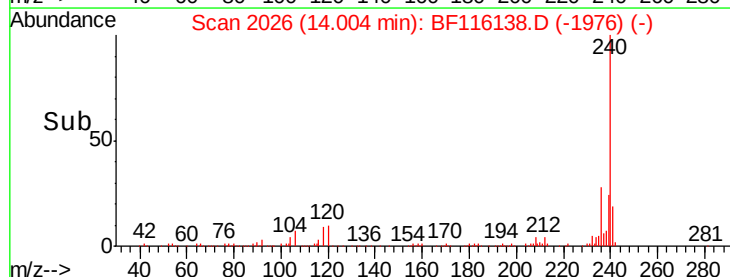
236 27.7 22.2 33.2

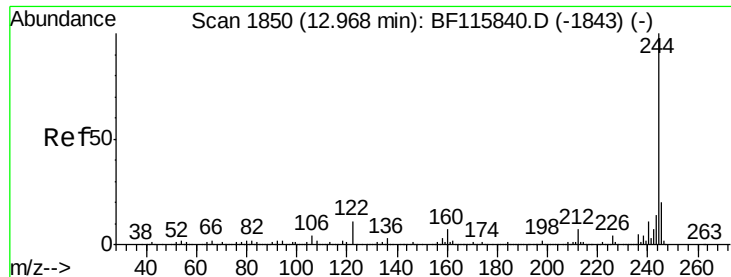


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.144 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116138.D

Acq: 10 Aug 2019 3:05

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ClientSampleId :

AU-05-080719-B

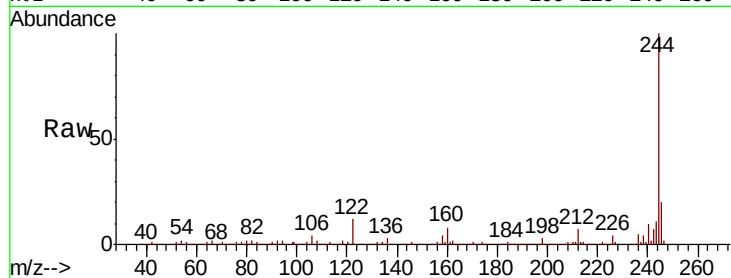
Tot Ion:244 Resp: 1132611

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

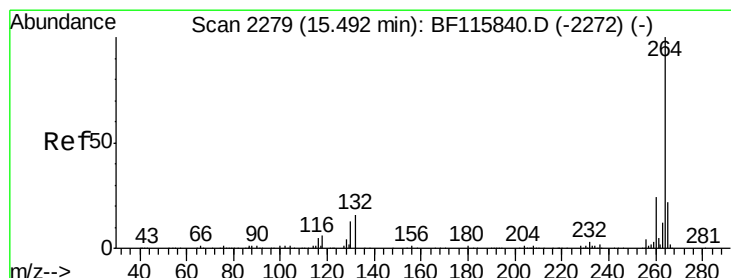
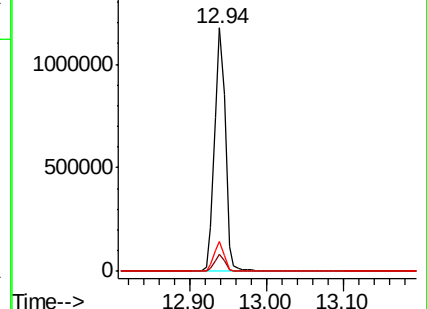
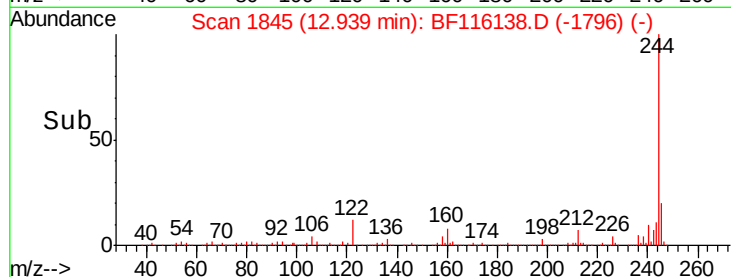
122 12.0 9.0 13.4



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: BF116138.D

Acq: 10 Aug 2019 3:05

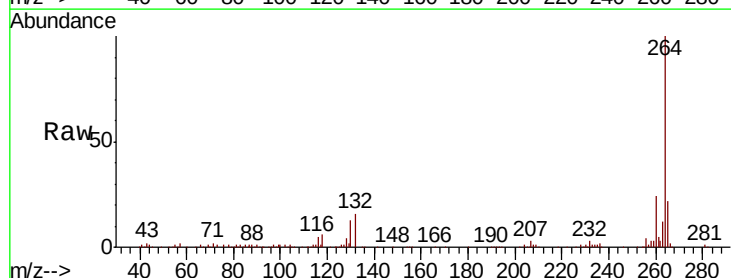
Tgt Ion:264 Resp: 276567

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 21.8 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

