

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
 Data File : BF118996.D
 Acq On : 21 Feb 2020 16:51
 Operator : CG/JU
 Sample : L1605-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HAM-GW-02-10

Quant Time: Feb 24 02:33:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

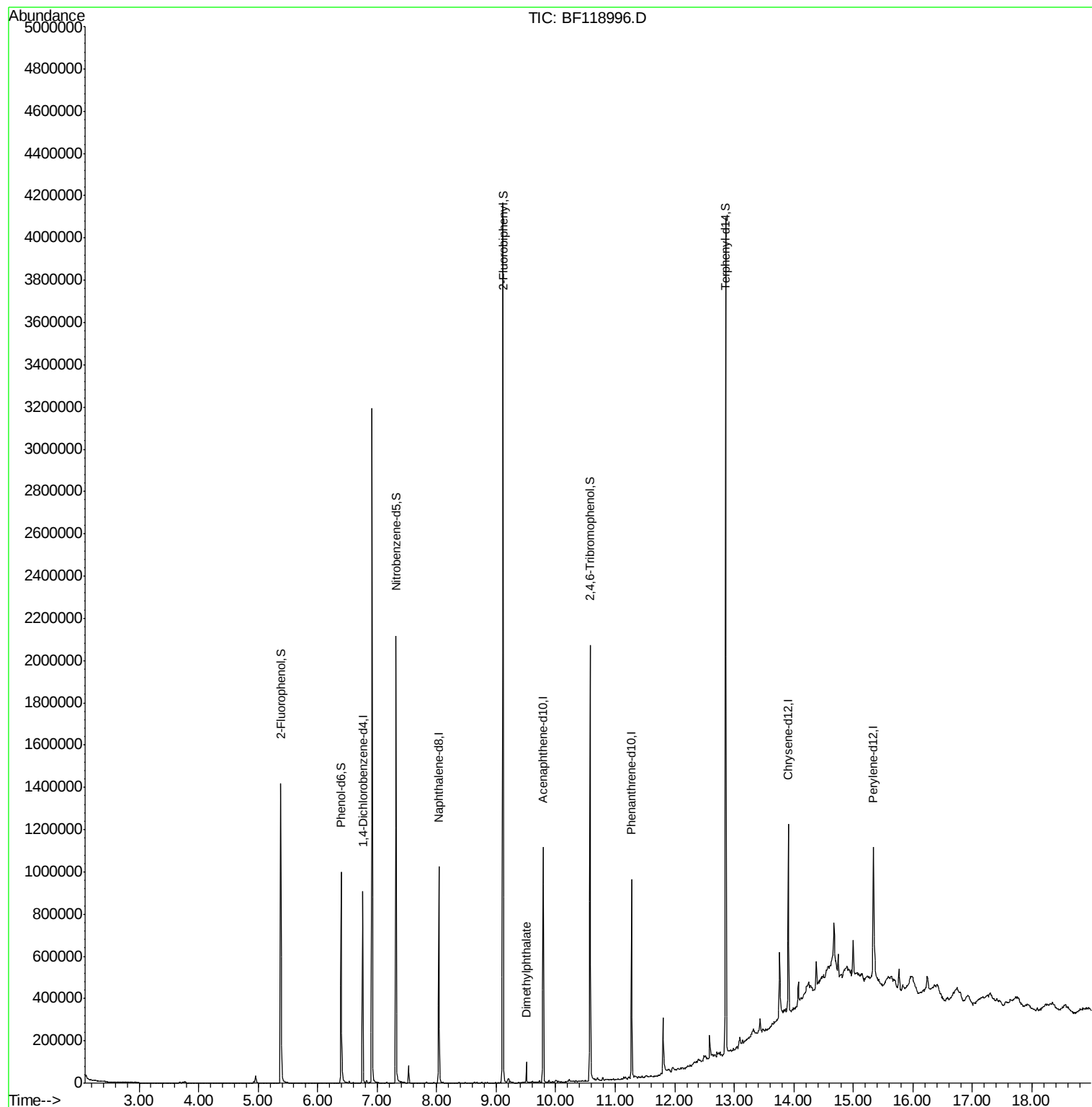
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	144139	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	498930	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	230271	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	374253	20.00	ng	0.00
76) Chrysene-d12	13.90	240	318478	20.00	ng	0.00
87) Perylene-d12	15.33	264	303119	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	471106	54.62	ng	0.00
7) Phenol-d6	6.39	99	347285	33.11	ng	-0.01
23) Nitrobenzene-d5	7.32	82	814686	86.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.58	330	299866	99.55	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1457590	93.25	ng	0.00
79) Terphenyl-d14	12.86	244	1425365	77.05	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	36319	2.063	ng	Qvalue 99

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

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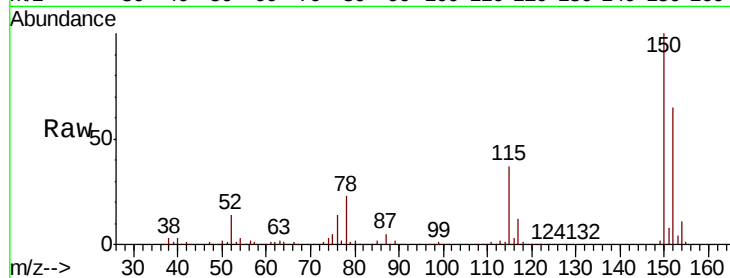


#1

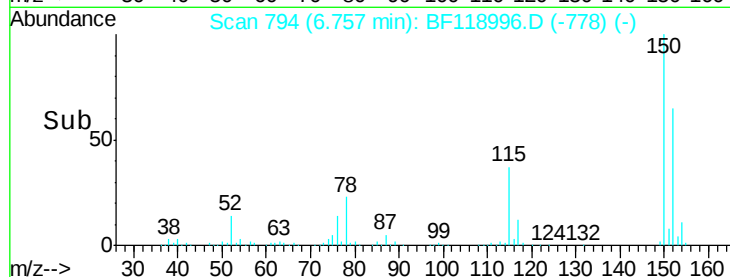
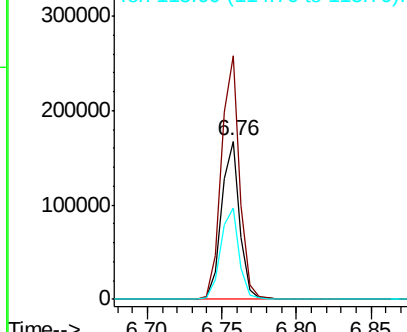
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF118996.D
Acq: 21 Feb 2020 16:51

Instrument :
BNA_F
ClientSampleId :
HAM-GW-02-10

Tot Ion:152 Resp: 144139
Ion Ratio Lower Upper
152 100
150 153.7 124.3 186.5
115 57.5 44.6 67.0



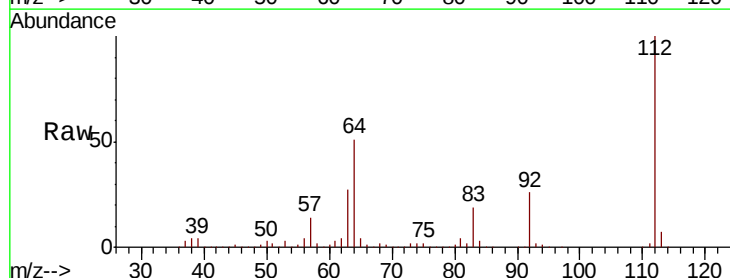
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



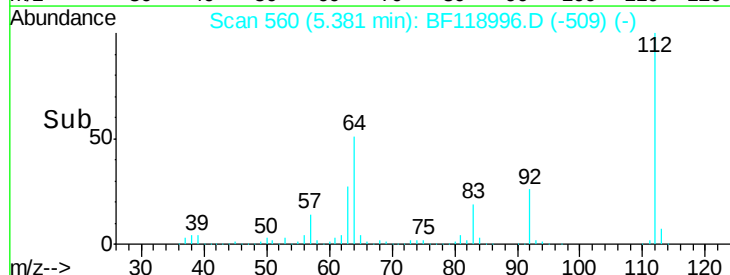
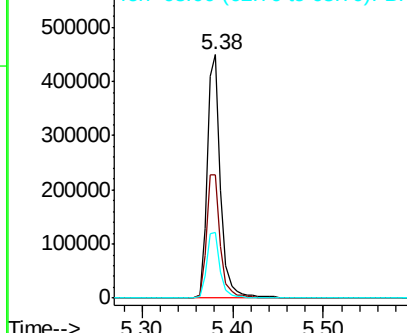
#5

2-Fluorophenol
Concen: 54.621 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF118996.D
Acq: 21 Feb 2020 16:51

Tgt Ion:112 Resp: 471106
Ion Ratio Lower Upper
112 100
64 50.7 40.4 60.6
63 26.7 21.3 31.9



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: 33.108 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF118996.D

Acq: 21 Feb 2020 16:51

Instrument :

BNA_F

ClientSampleId :

HAM-GW-02-10

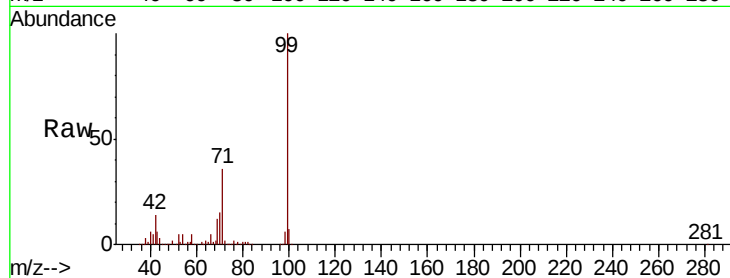
Tot Ion: 99 Resp: 347285

Ion Ratio Lower Upper

99 100

42 13.5 11.4 17.0

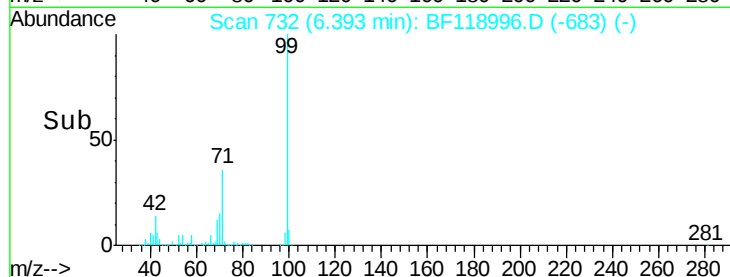
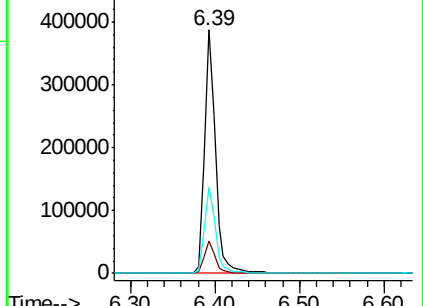
71 35.6 29.8 44.6



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: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF118996.D

Acq: 21 Feb 2020 16:51

Tgt Ion: 136 Resp: 498930

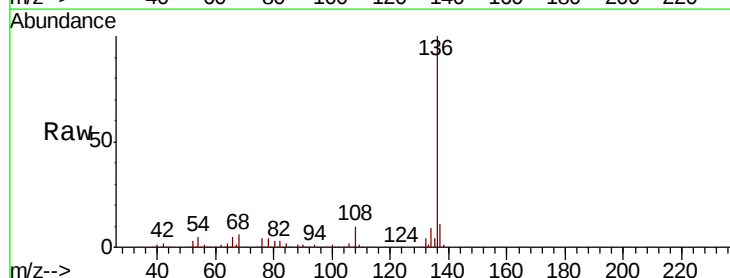
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 5.4 3.8 5.6

68 5.9 4.2 6.2

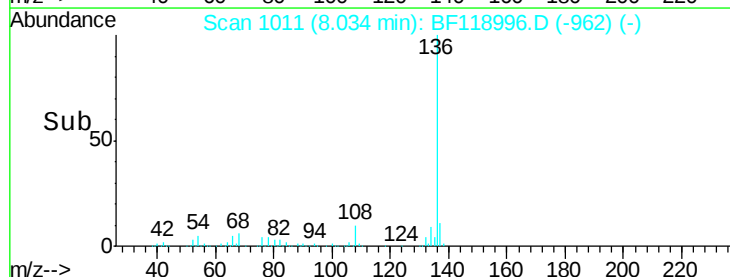
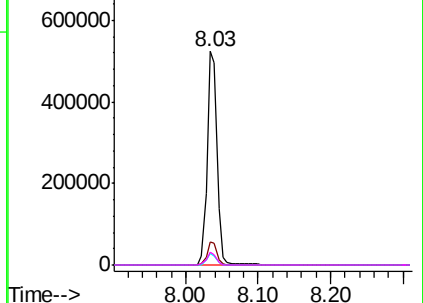


Abundance Ion 136.00 (135.70 to 136.70): E

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

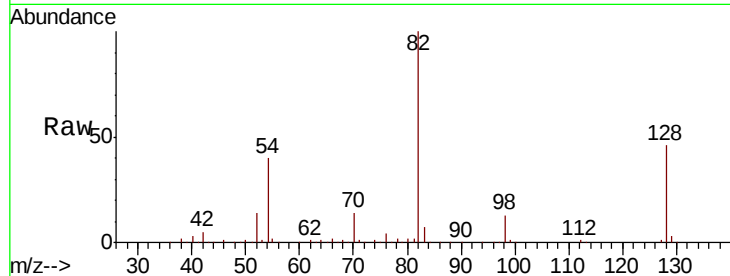




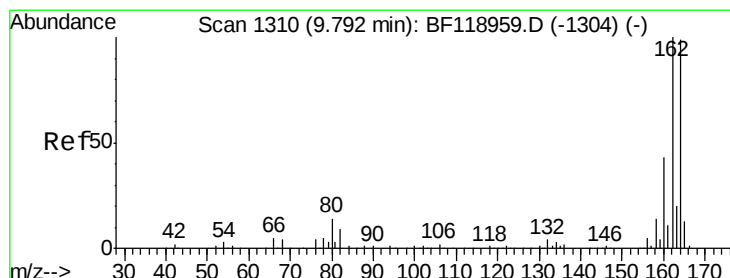
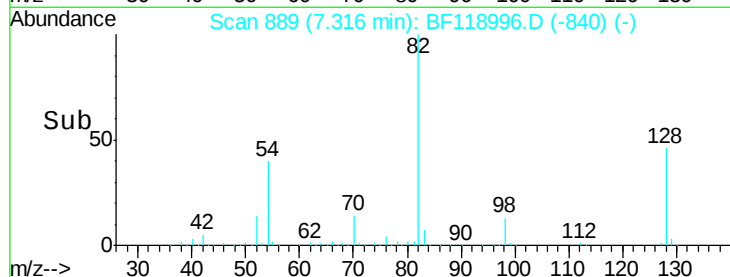
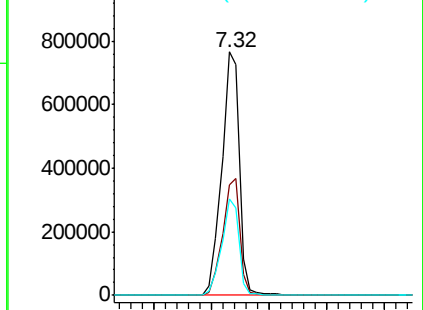
#23
Nitrobenzene-d5
Concen: 86.215 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF118996.D
Acq: 21 Feb 2020 16:51

Instrument :
BNA_F
ClientSampleId :
HAM-GW-02-10

Tot Ion	82	Resp	814686
Ion Ratio	Lower	Upper	
82	100		
128	45.6	38.2	57.2
54	39.8	31.3	46.9

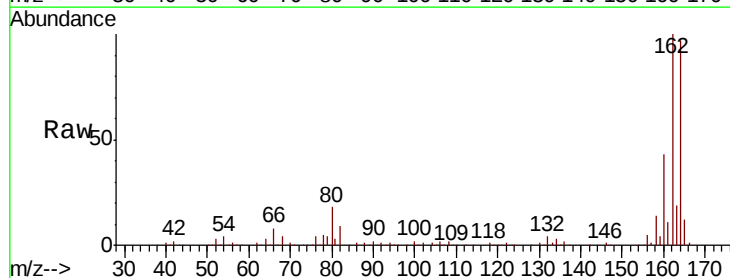


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

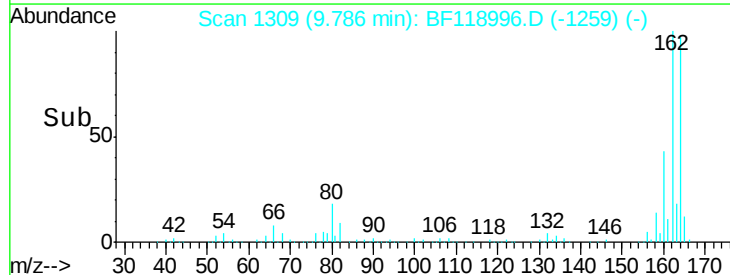
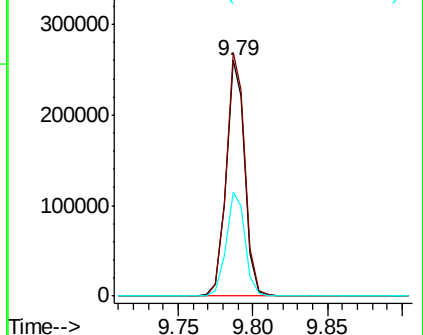


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF118996.D
Acq: 21 Feb 2020 16:51

Tgt Ion	164	Resp	230271
Ion Ratio	Lower	Upper	
164	100		
162	103.4	81.2	121.8
160	44.3	35.2	52.8



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

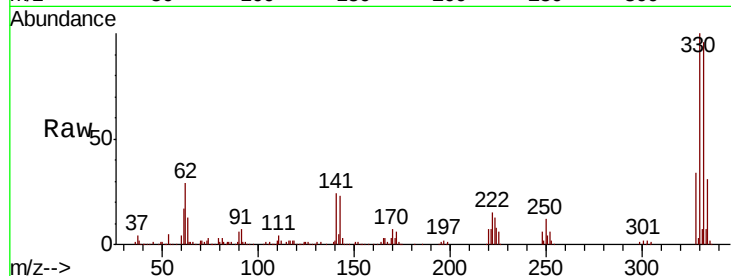




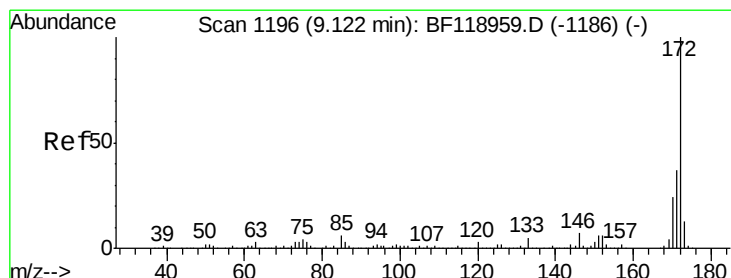
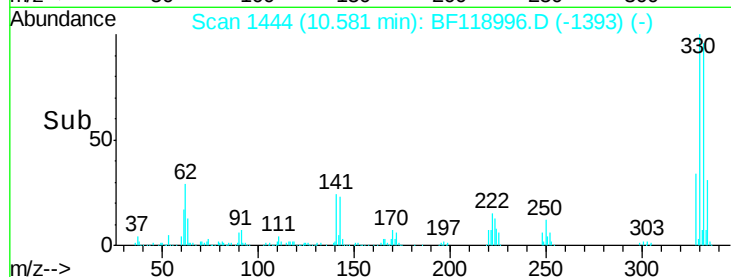
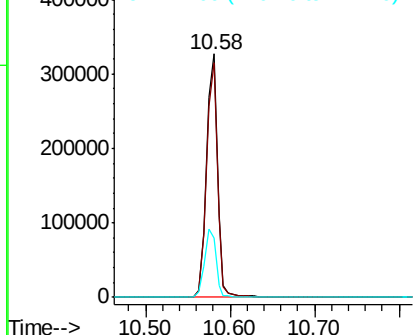
#42
 2,4,6-Tribromophenol
 Concen: 99.546 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: BF118996.D
 Acq: 21 Feb 2020 16:51

Instrument :
 BNA_F
 ClientSampleId :
 HAM-GW-02-10

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	29.3	23.0	34.6

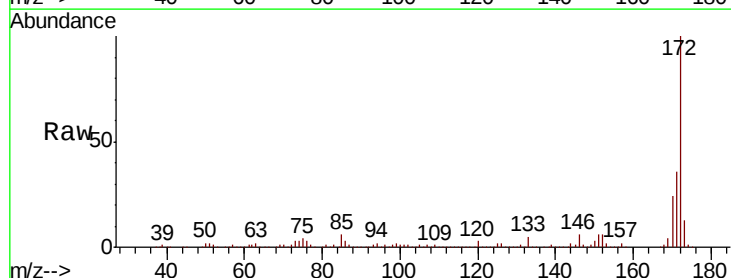


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

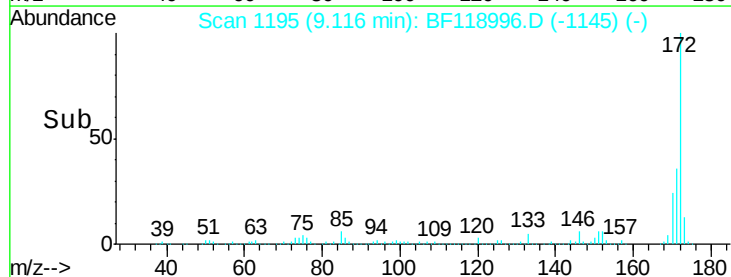
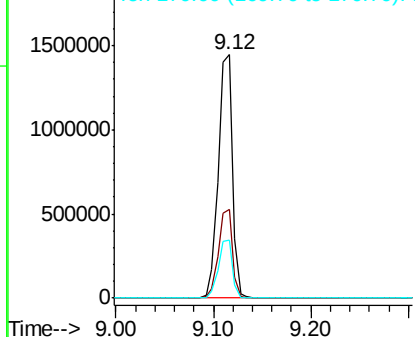


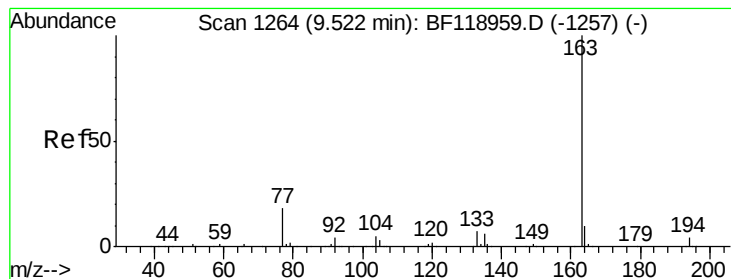
#45
 2-Fluorobiphenyl
 Concen: 93.250 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF118996.D
 Acq: 21 Feb 2020 16:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.1	19.6	29.4



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





#50

Dimethylphthalate

Concen: 2.063 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF118996.D

Acq: 21 Feb 2020 16:51

Instrument :

BNA_F

ClientSampleId :

HAM-GW-02-10

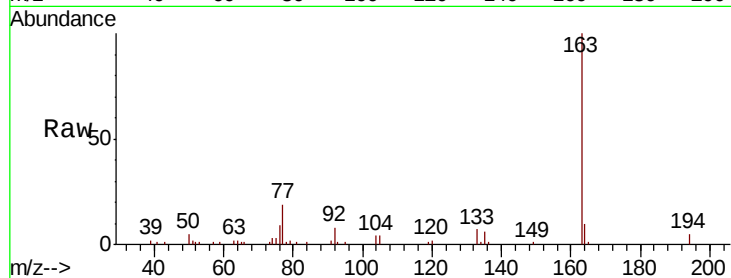
Tot Ion:163 Resp: 36319

Ion Ratio Lower Upper

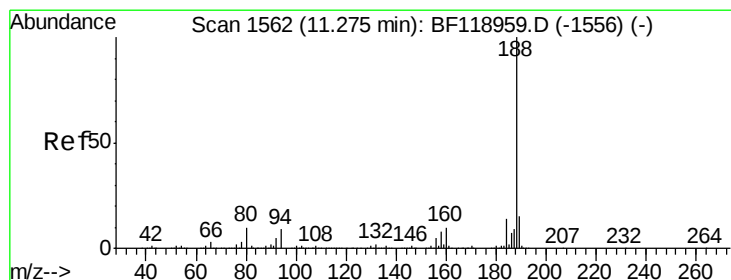
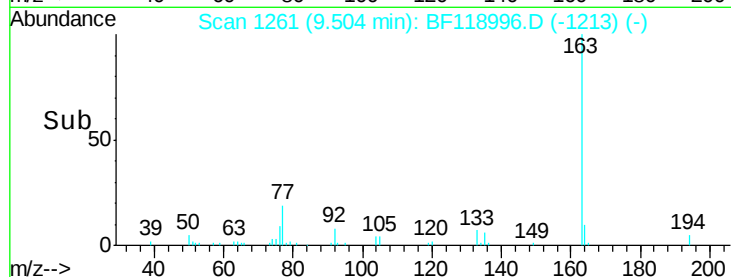
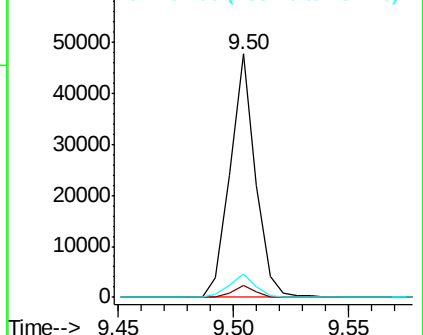
163 100

194 4.7 3.4 5.2

164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF118996.D

Acq: 21 Feb 2020 16:51

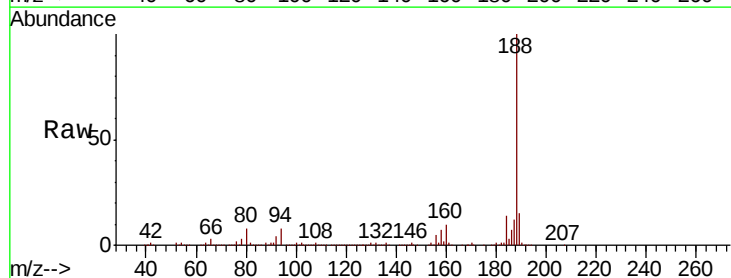
Tgt Ion:188 Resp: 374253

Ion Ratio Lower Upper

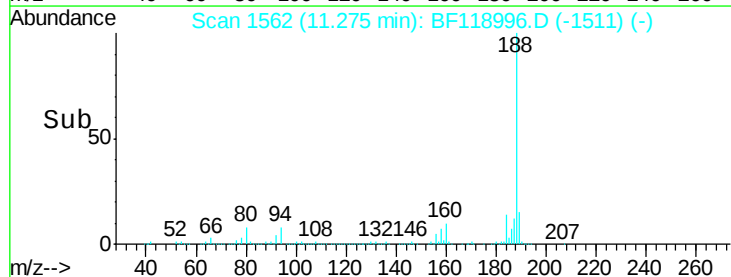
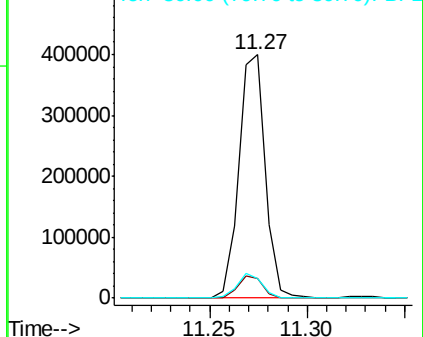
188 100

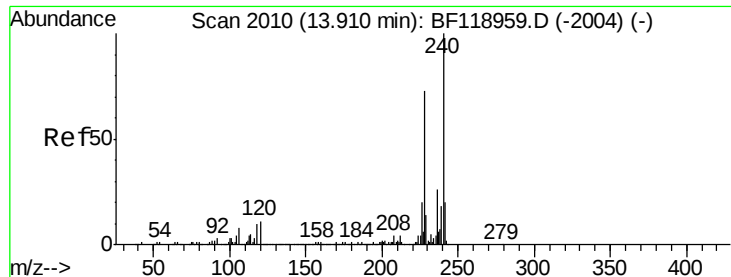
94 8.2 7.0 10.6

80 8.1 7.9 11.9



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: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF118996.D

Acq: 21 Feb 2020 16:51

Instrument :

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ClientSampleId :

HAM-GW-02-10

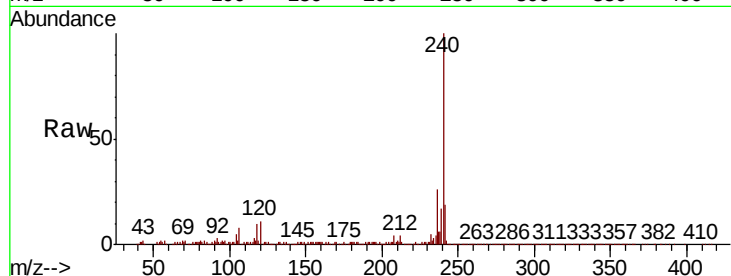
Tot Ion:240 Resp: 318478

Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

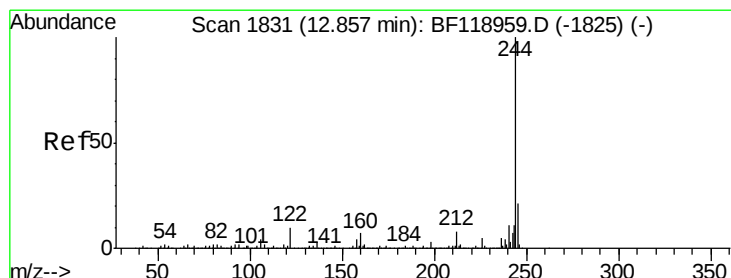
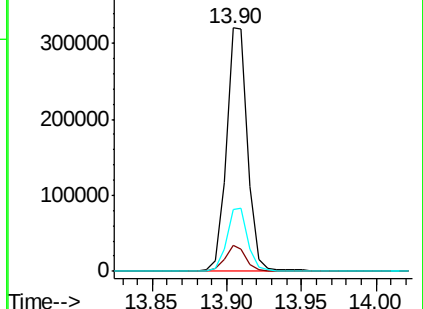
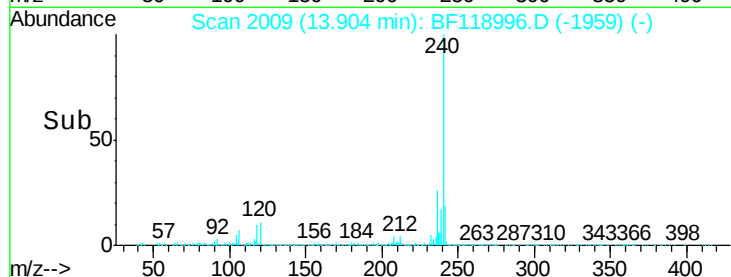
236 25.7 20.6 30.8



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: 77.054 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF118996.D

Acq: 21 Feb 2020 16:51

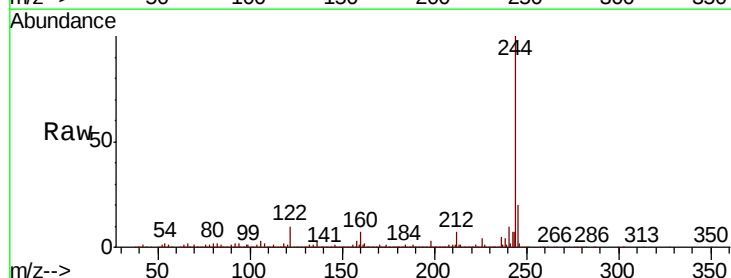
Tgt Ion:244 Resp: 1425365

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

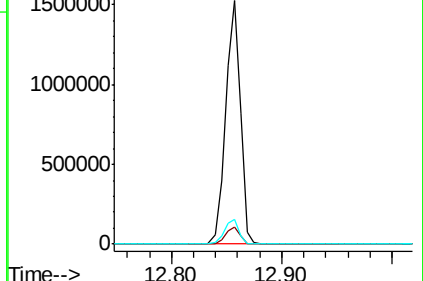
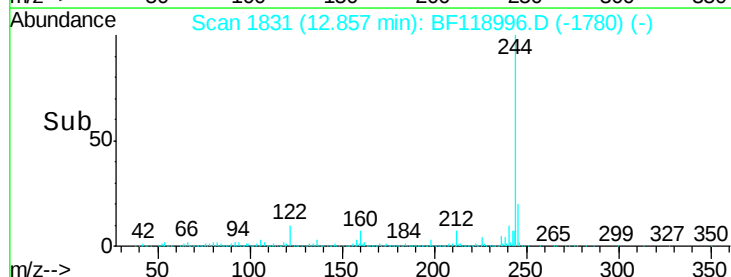
122 10.0 8.4 12.6

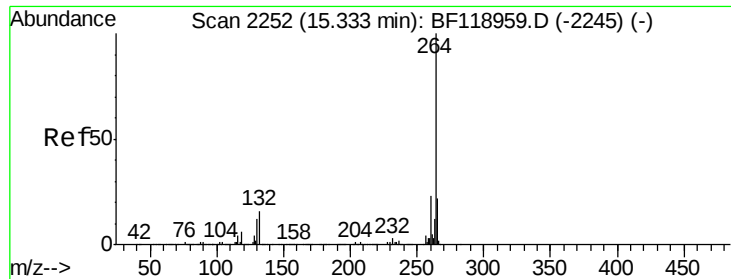


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

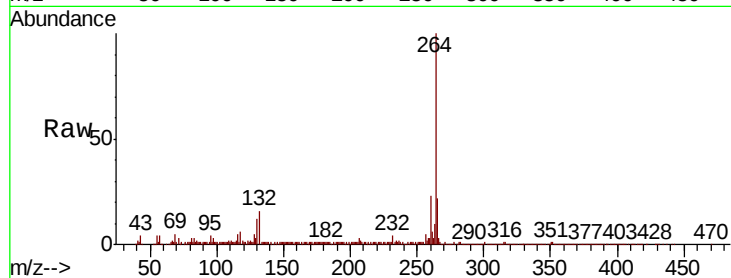




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BF118996.D
Acq: 21 Feb 2020 16:51

Instrument :
BNA_F
ClientSampleId :
HAM-GW-02-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.8	17.3	25.9



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

