

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119061.D
 Acq On : 25 Feb 2020 11:38
 Operator : CG/JU
 Sample : L1659-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WH-2-1.5-2.0

Quant Time: Feb 25 12:38:08 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

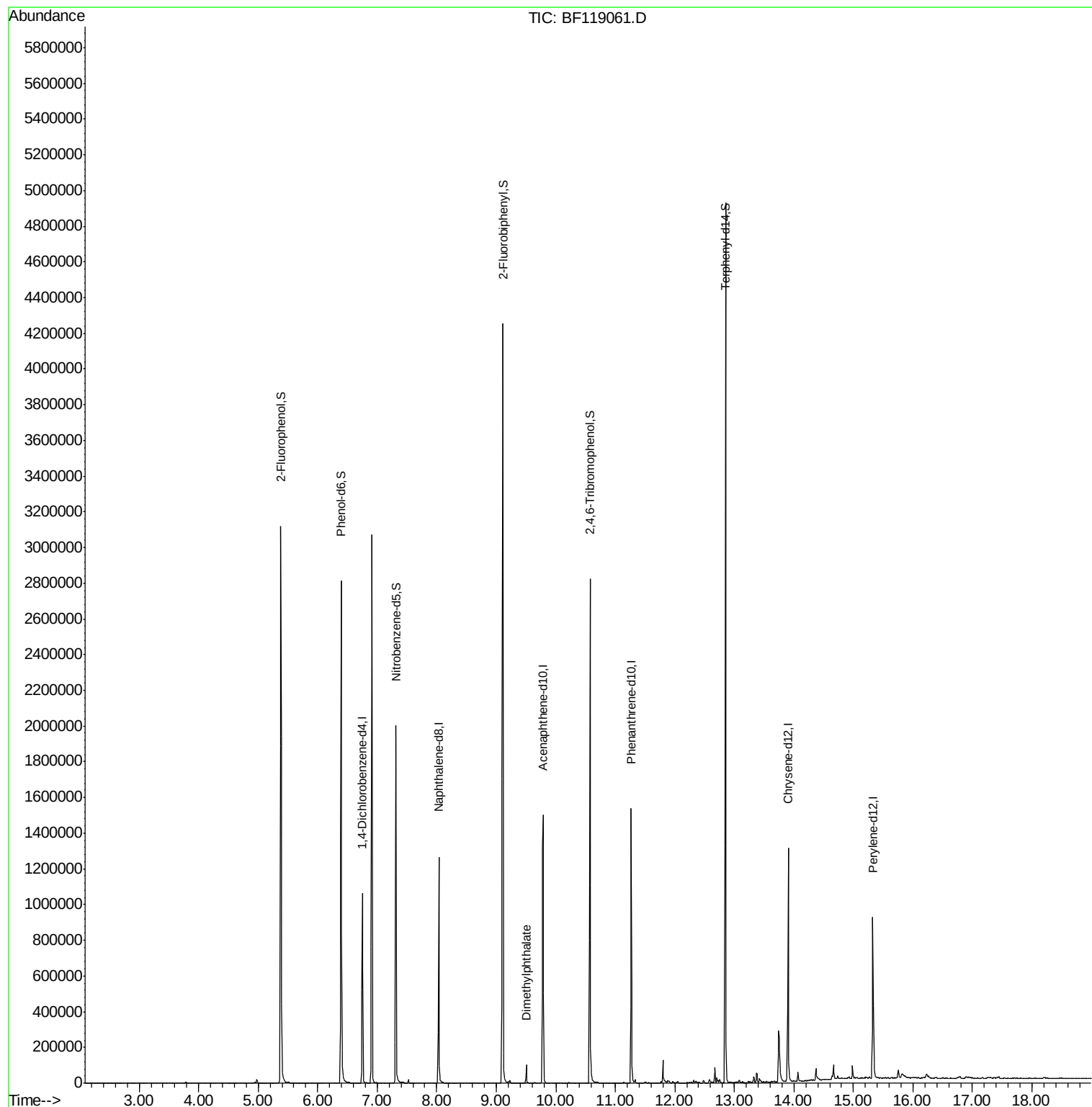
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	159437	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	614998	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	334730	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	603078	20.00	ng	0.00
76) Chrysene-d12	13.90	240	440544	20.00	ng	0.00
87) Perylene-d12	15.33	264	433311	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	907767	95.15	ng	0.00
7) Phenol-d6	6.40	99	1100254	94.83	ng	0.00
23) Nitrobenzene-d5	7.32	82	730587	62.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	386793	88.33	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1471568	64.76	ng	-0.01
79) Terphenyl-d14	12.85	244	1742551	68.10	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	52710	2.059	ng	Qvalue 99

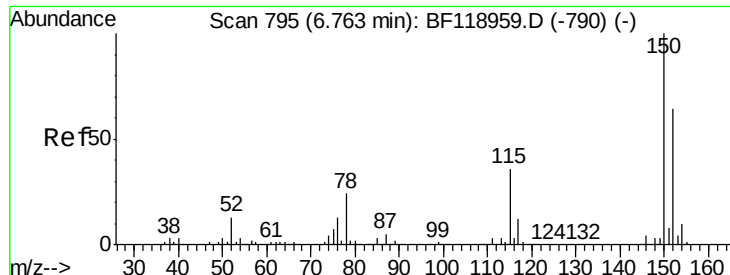
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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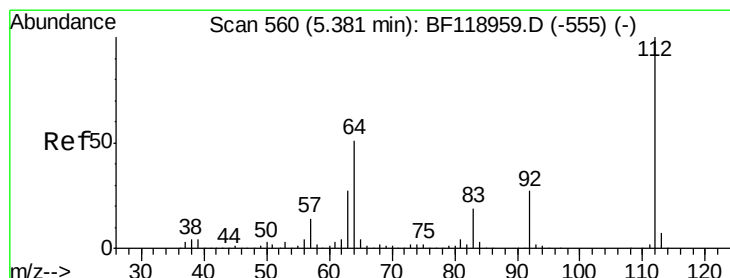
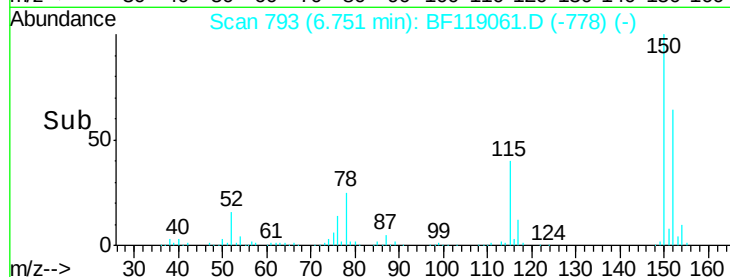
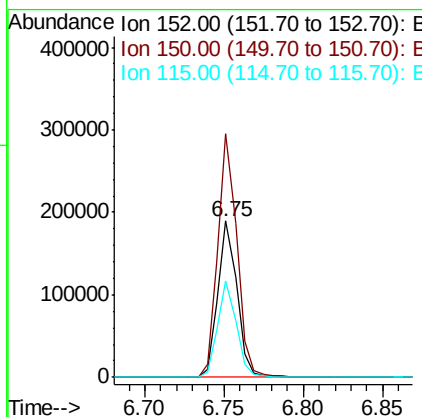
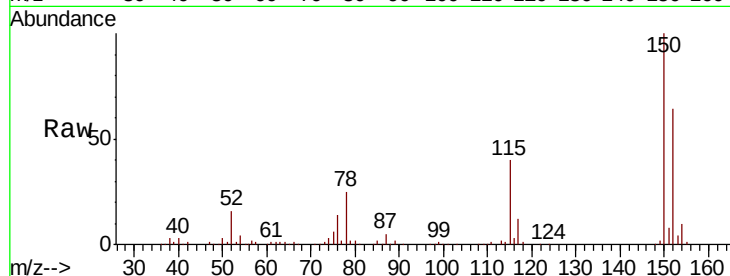


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119061.D
Acq: 25 Feb 2020 11:38

Instrument :
BNA_F
ClientSampleId :
WH-2-1.5-2.0

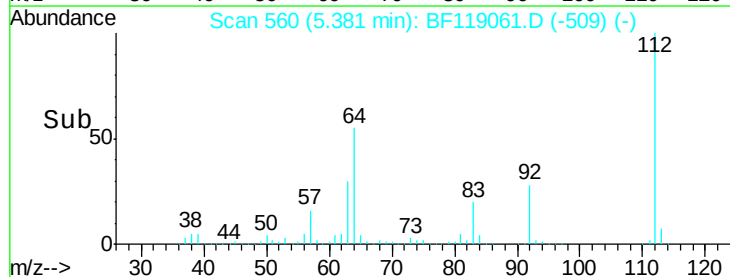
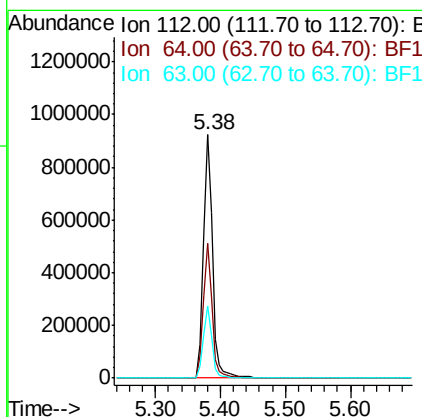
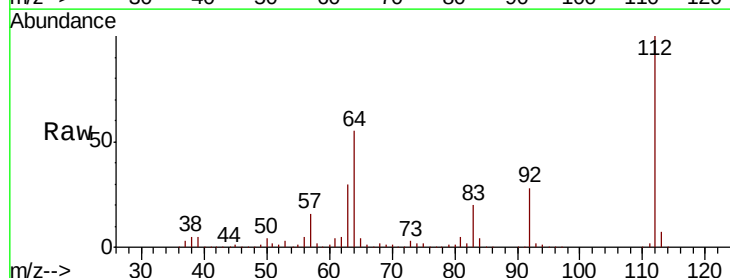
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.3	186.5
115	61.6	44.6	67.0

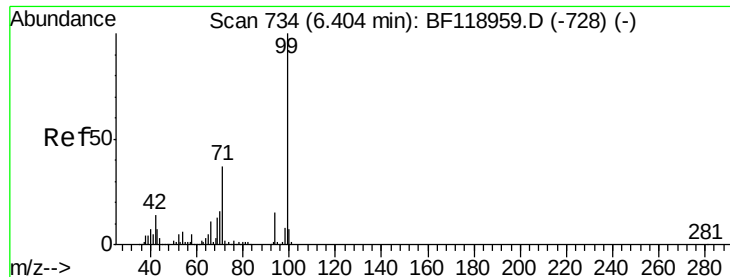


#5

2-Fluorophenol
Concen: 95.150 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119061.D
Acq: 25 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	40.4	60.6
63	29.5	21.3	31.9





#7

Phenol-d6

Concen: 94.826 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119061.D

Acq: 25 Feb 2020 11:38

Instrument :

BNA_F

ClientSampleId :

WH-2-1.5-2.0

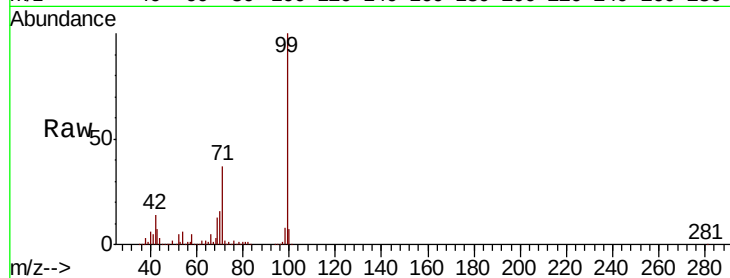
Tot Ion: 99 Resp: 1100254

Ion Ratio Lower Upper

99 100

42 14.5 11.4 17.0

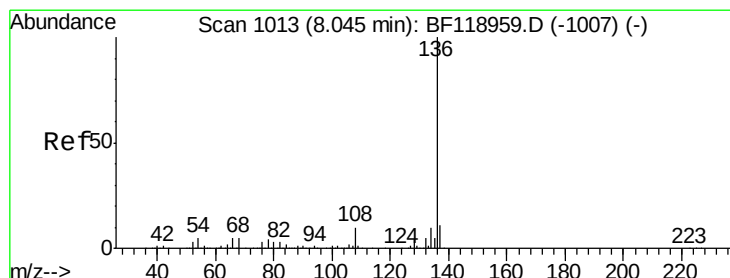
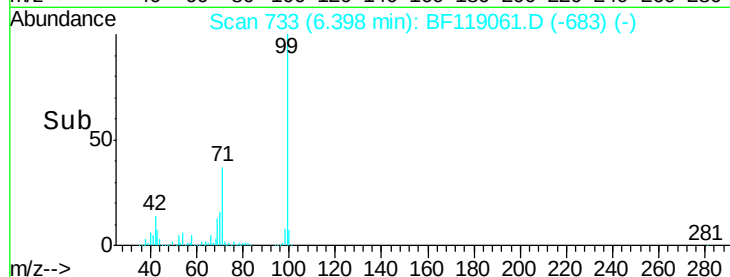
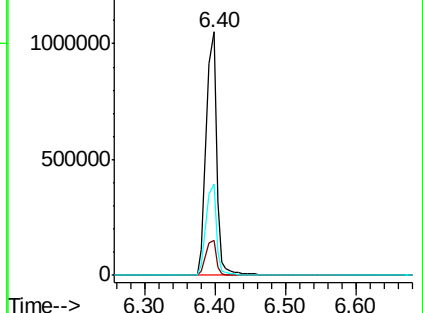
71 37.3 29.8 44.6



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: BF119061.D

Acq: 25 Feb 2020 11:38

Tgt Ion: 136 Resp: 614998

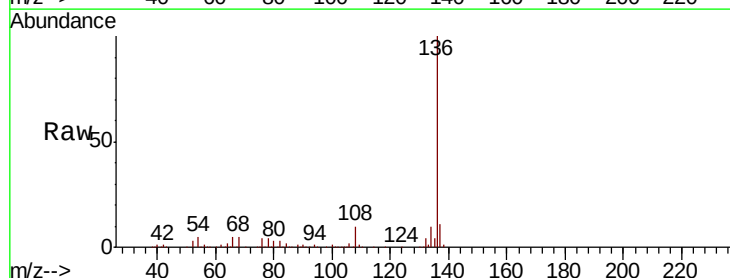
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 4.9 3.8 5.6

68 5.1 4.2 6.2

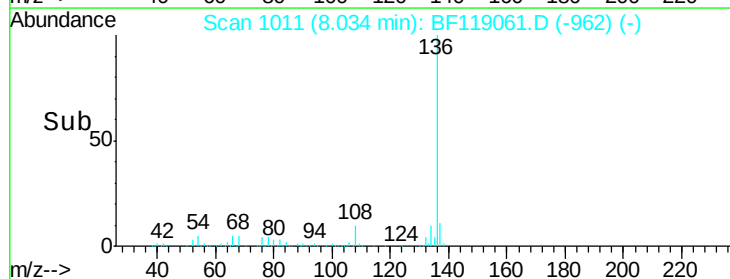
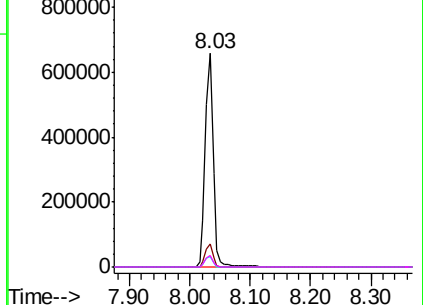


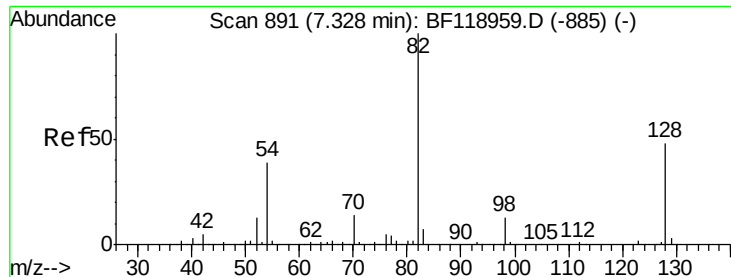
Abundance Ion 136.00 (135.70 to 136.70): E

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

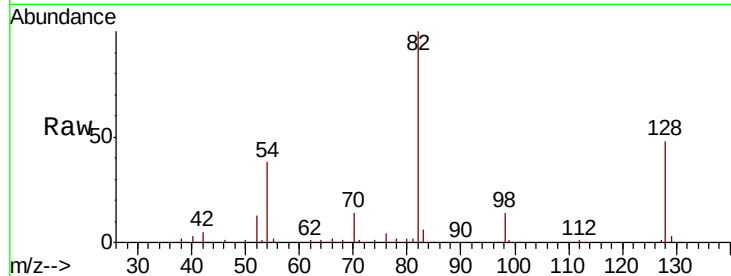




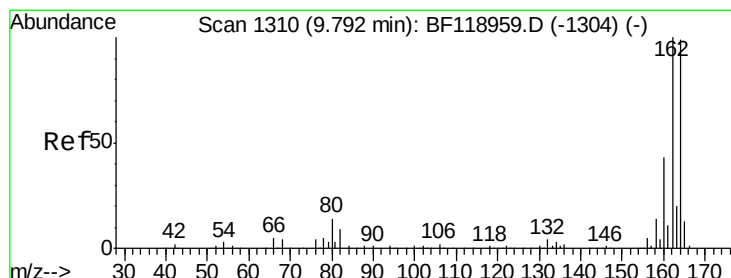
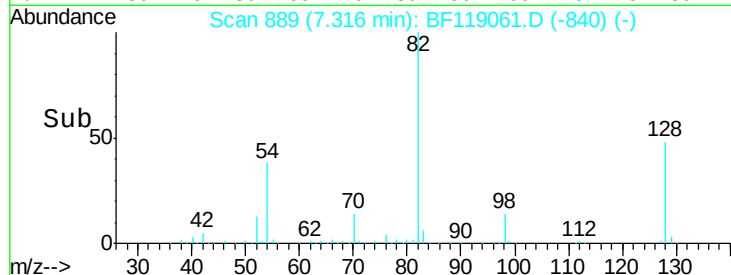
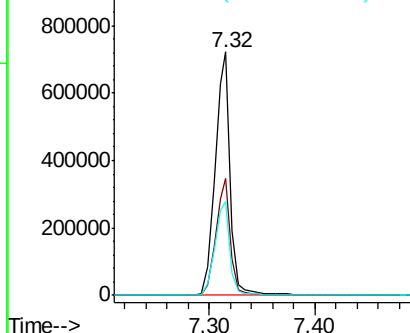
#23
Nitrobenzene-d5
Concen: 62.724 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119061.D
Acq: 25 Feb 2020 11:38

Instrument :
BNA_F
ClientSampleId :
WH-2-1.5-2.0

Tot Ion	82	Resp	730587
Ion Ratio	100		
Lower	38.2		
Upper	57.2		
54	38.4		46.9

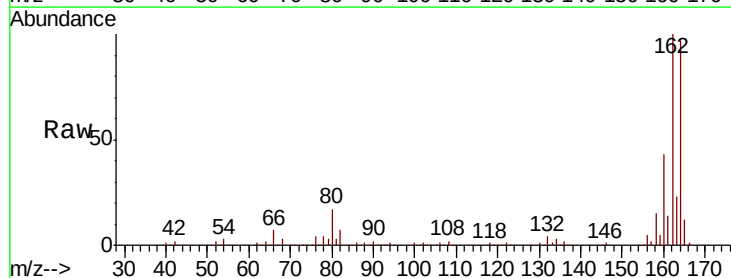


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

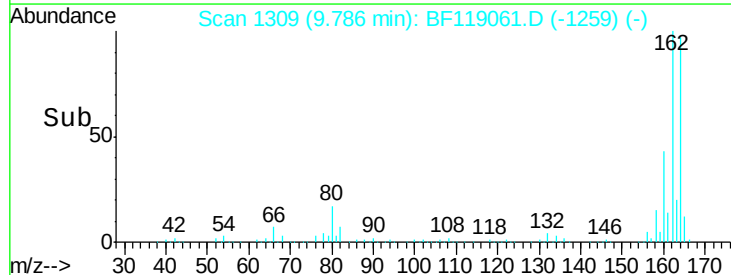
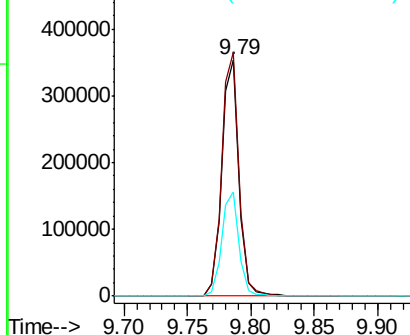


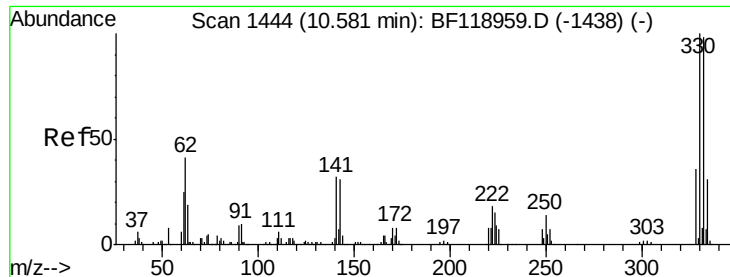
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119061.D
Acq: 25 Feb 2020 11:38

Tgt Ion	164	Resp	334730
Ion Ratio	100		
Lower	81.2		
Upper	121.8		
162	103.1		52.8
160	44.3		



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

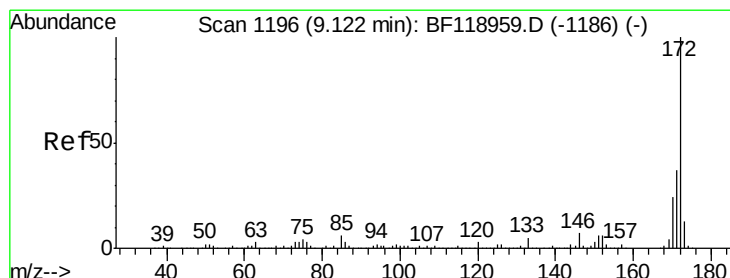
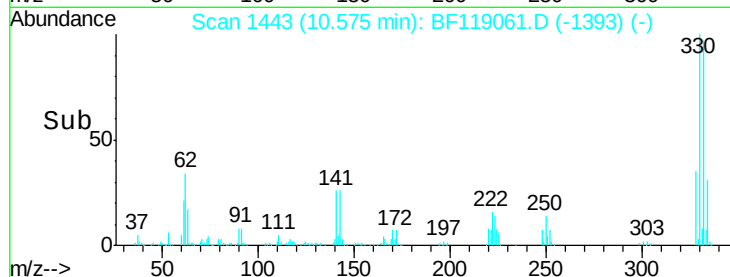
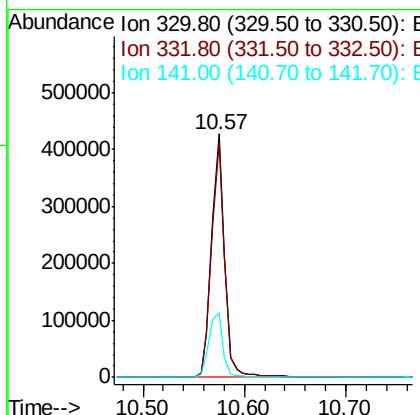
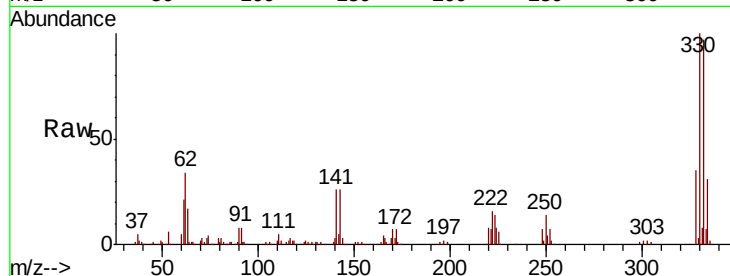




#42
 2,4,6-Tribromophenol
 Concen: 88.332 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119061.D
 Acq: 25 Feb 2020 11:38

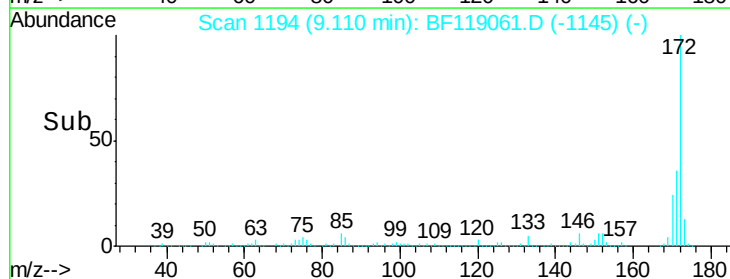
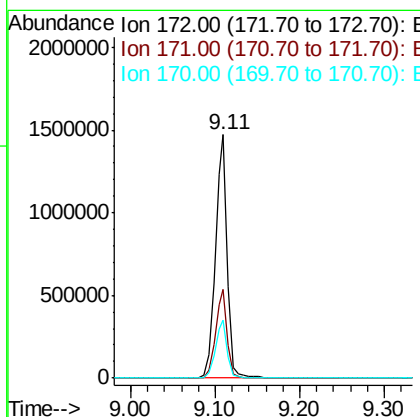
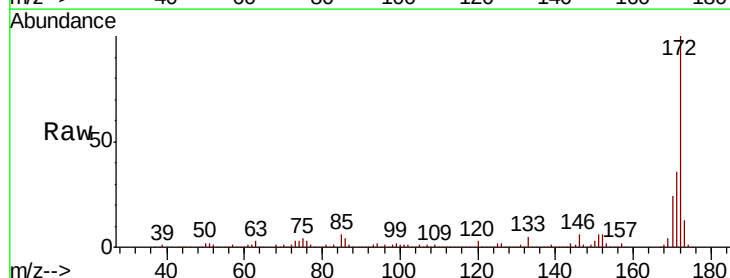
Instrument :
 BNA_F
 ClientSampled :
 WH-2-1.5-2.0

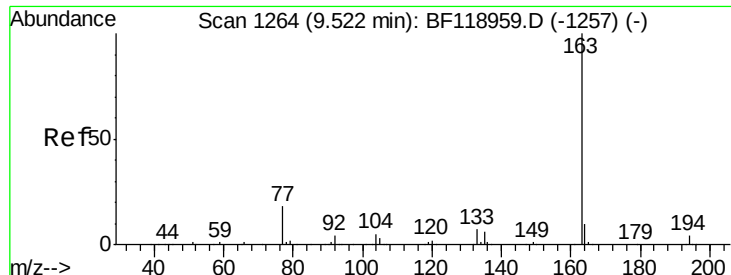
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	29.0	23.0	34.6



#45
 2-Fluorobiphenyl
 Concen: 64.765 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119061.D
 Acq: 25 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	23.8	19.6	29.4

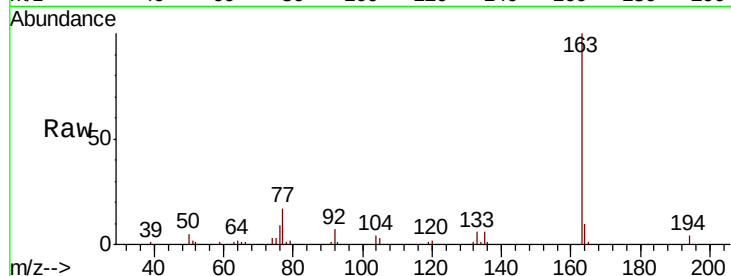




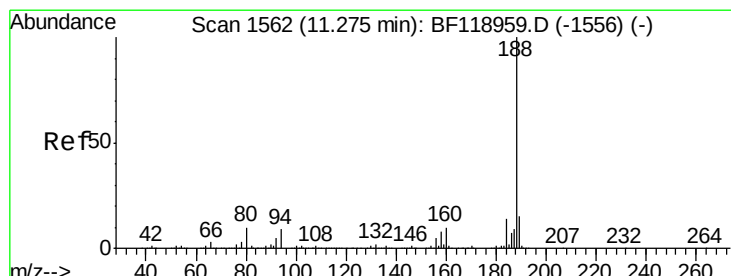
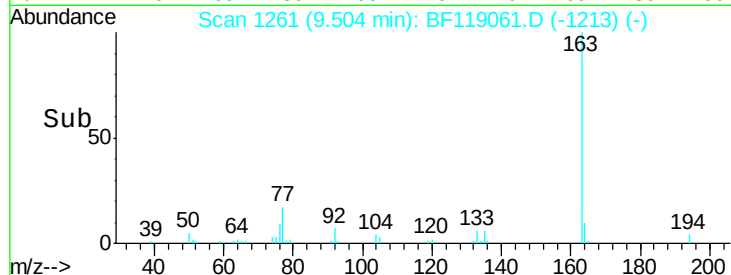
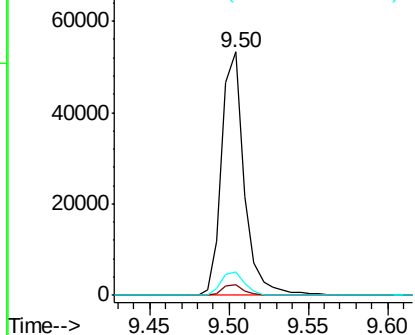
#50
Dimethylphthalate
Concen: 2.059 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119061.D
Acq: 25 Feb 2020 11:38

Instrument :
BNA_F
ClientSampleId :
WH-2-1.5-2.0

Tot Ion:163 Resp: 52710
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 9.7 8.2 12.2

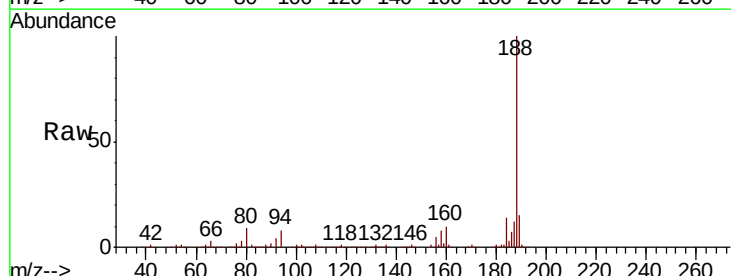


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

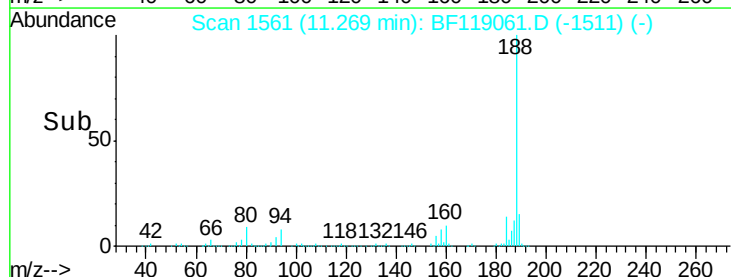
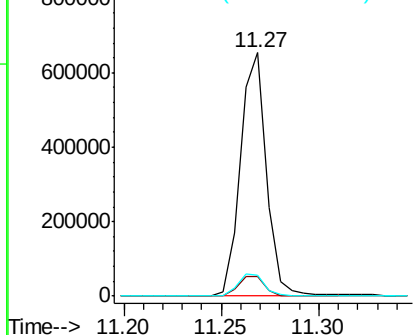


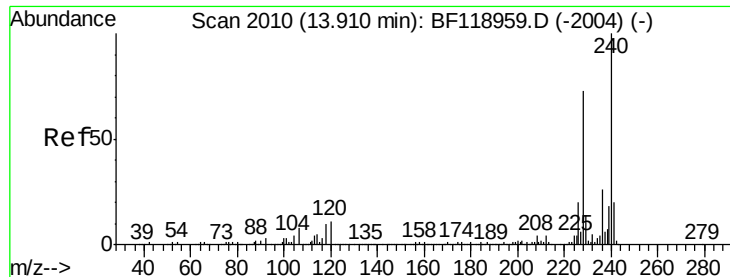
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119061.D
Acq: 25 Feb 2020 11:38

Tgt Ion:188 Resp: 603078
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 8.7 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: BF119061.D

Acq: 25 Feb 2020 11:38

Instrument :

BNA_F

ClientSampleId :

WH-2-1.5-2.0

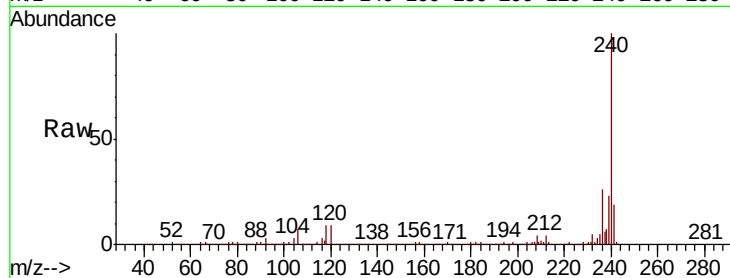
Tot Ion:240 Resp: 440544

Ion Ratio Lower Upper

240 100

120 9.4 8.9 13.3

236 25.8 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

600000

500000

400000

300000

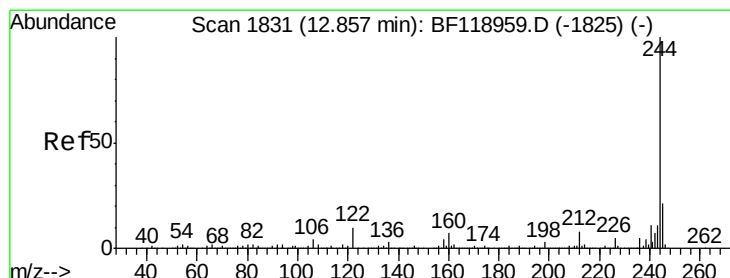
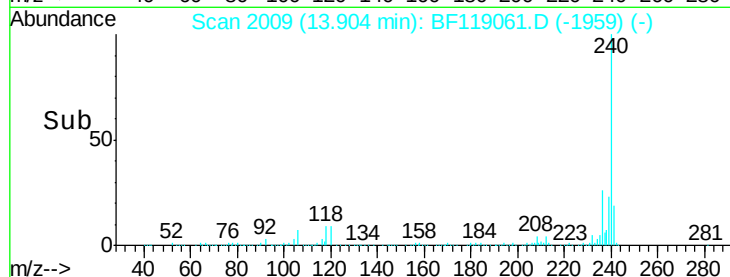
200000

100000

0

13.90

Time--> 13.80 13.90 14.00



#79

Terphenyl-d14

Concen: 68.100 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119061.D

Acq: 25 Feb 2020 11:38

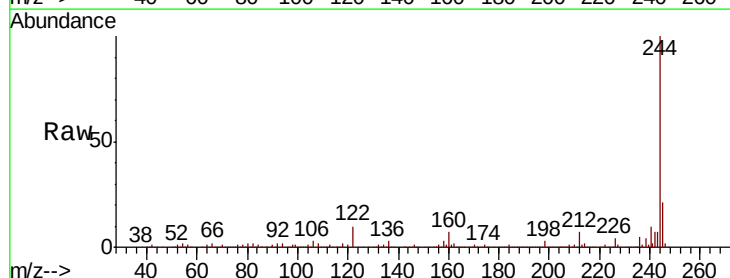
Tgt Ion:244 Resp: 1742551

Ion Ratio Lower Upper

244 100

212 7.5 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

2500000

2000000

1500000

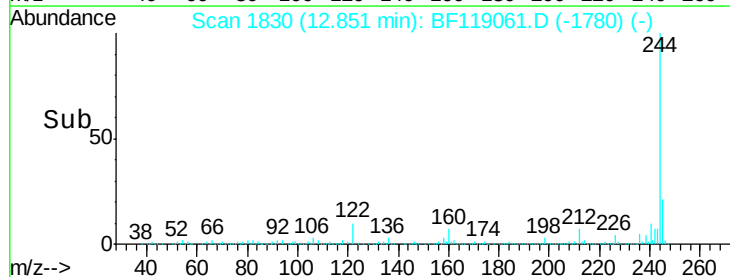
1000000

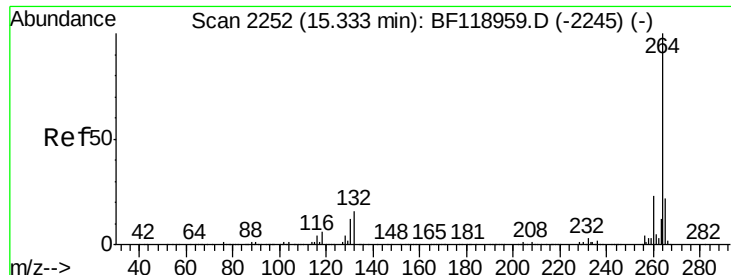
500000

0

12.85

Time--> 12.80 12.90 13.00





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BF119061.D
 Acq: 25 Feb 2020 11:38

Instrument :
 BNA_F
 ClientSampleId :
 WH-2-1.5-2.0

Tot Ion:	264	Resp:	433311
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	21.6	17.3	25.9

