

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119054.D
 Acq On : 25 Feb 2020 8:13
 Operator : CG/JU
 Sample : L1659-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WH-1-COMP-1

Quant Time: Feb 25 10:15:51 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	6.75	152	143296	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	549300	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	288508	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	476412	20.00	ng	0.00
76) Chrysene-d12	13.90	240	314905	20.00	ng	0.00
87) Perylene-d12	15.33	264	361550	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	686362	80.05	ng	0.00
7) Phenol-d6	6.40	99	715964	68.66	ng	0.00
23) Nitrobenzene-d5	7.32	82	618122	59.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	306553	81.22	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1247477	63.70	ng	-0.01
79) Terphenyl-d14	12.85	244	1288081	70.42	ng	0.00

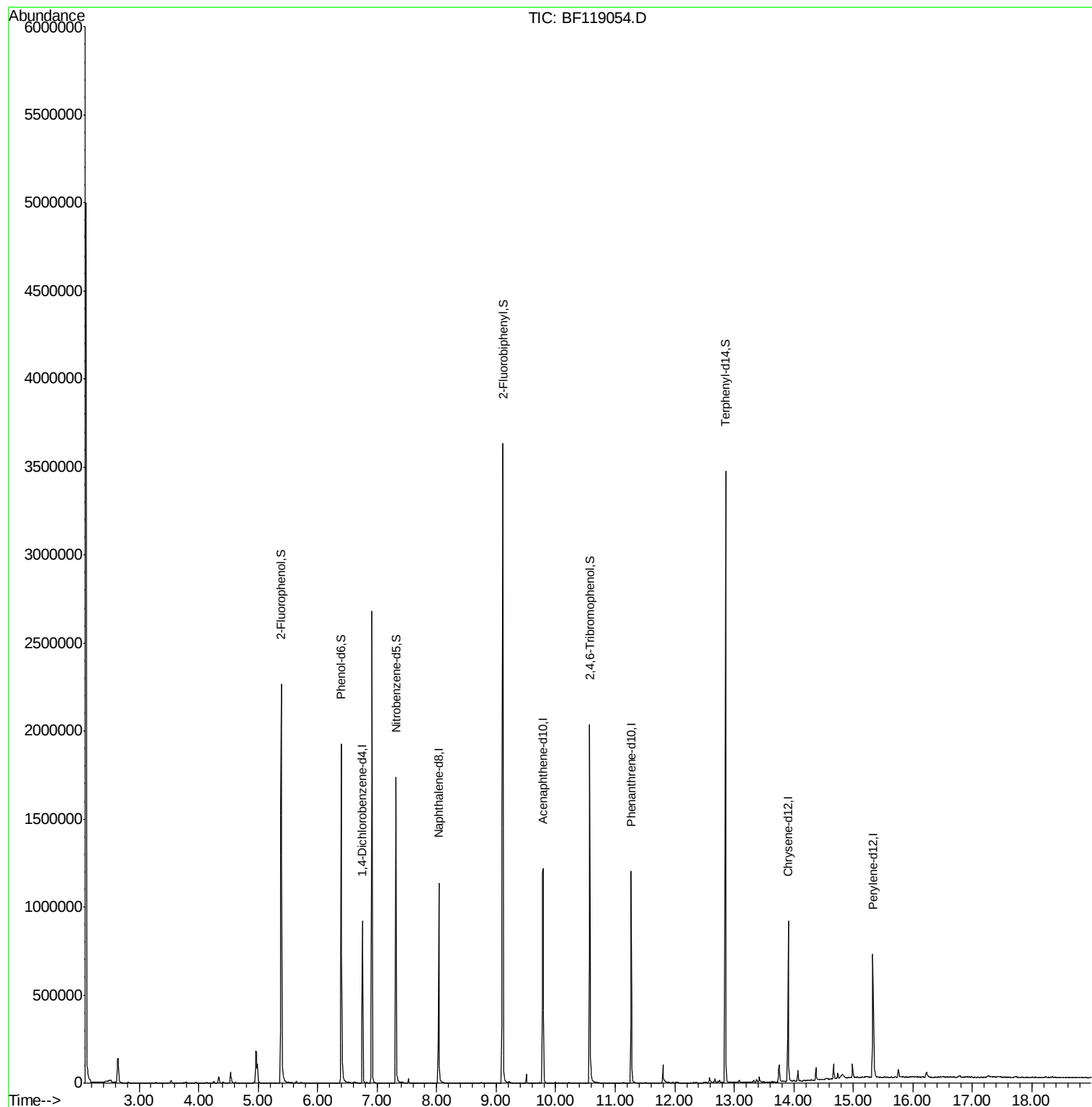
Target Compounds Qvalue

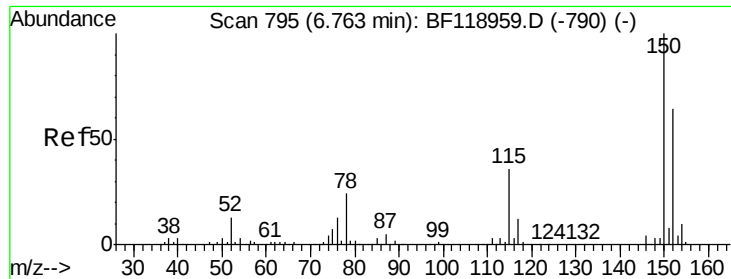
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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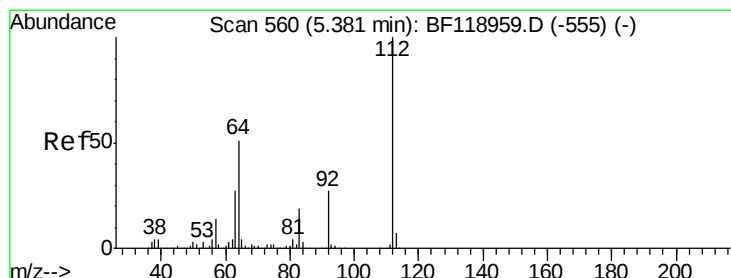
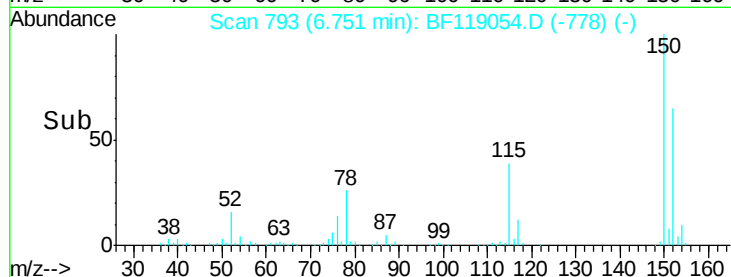
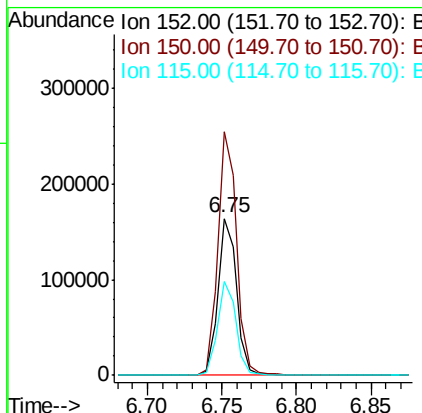
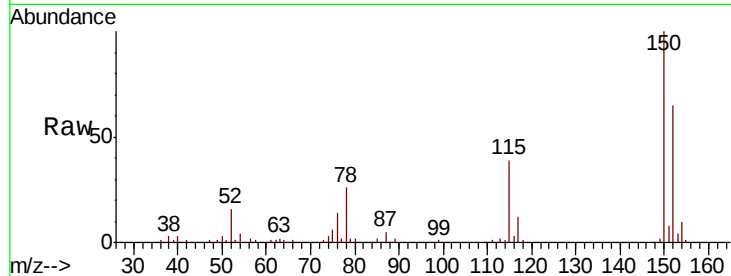


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF119054.D
 Acq: 25 Feb 2020 8:13

Instrument :
 BNA_F
 ClientSampleId :
 WH-1-COMP-1

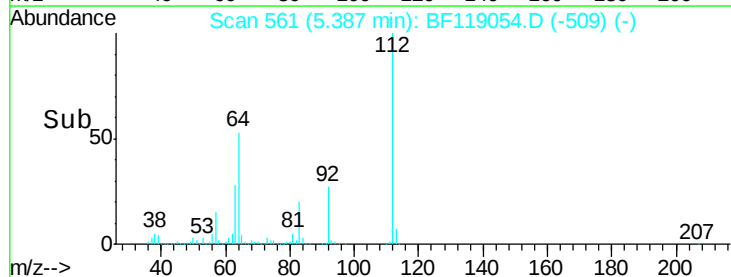
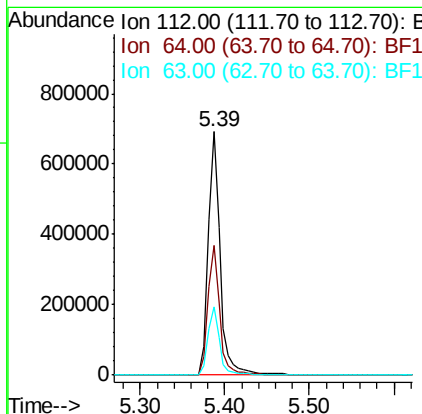
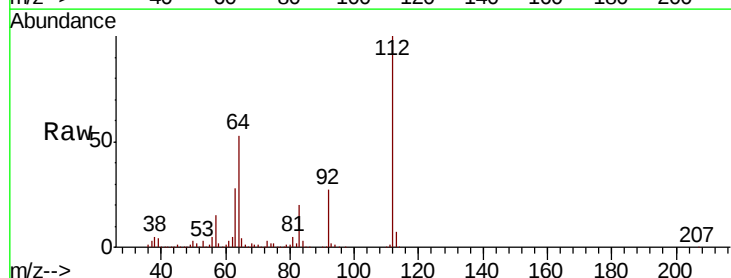
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.3	186.5
115	59.9	44.6	67.0

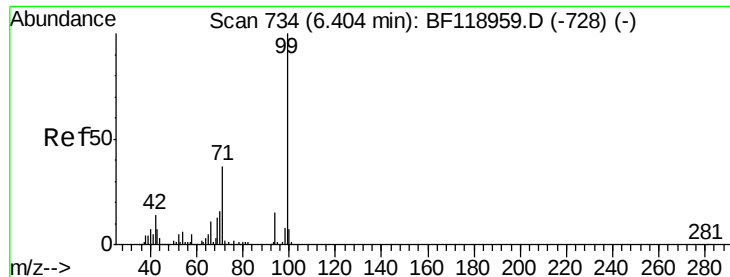


#5

2-Fluorophenol
 Concen: 80.046 ng
 RT: 5.39 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: BF119054.D
 Acq: 25 Feb 2020 8:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	40.4	60.6
63	28.0	21.3	31.9





#7

Phenol-d6

Concen: 68.656 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119054.D

Acq: 25 Feb 2020 8:13

Instrument :

BNA_F

ClientSampleId :

WH-1-COMP-1

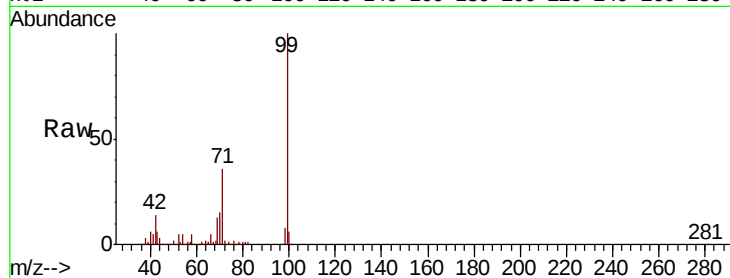
Tot Ion: 99 Resp: 715964

Ion Ratio Lower Upper

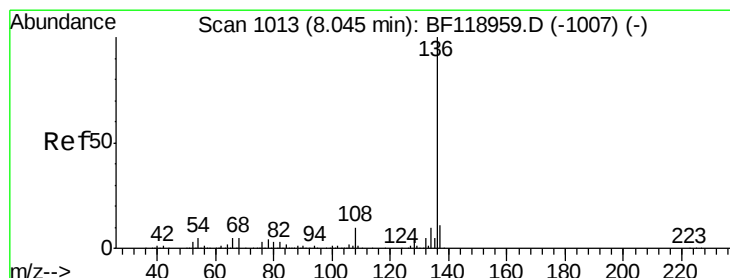
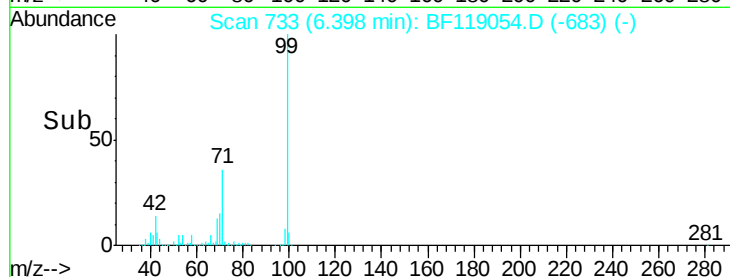
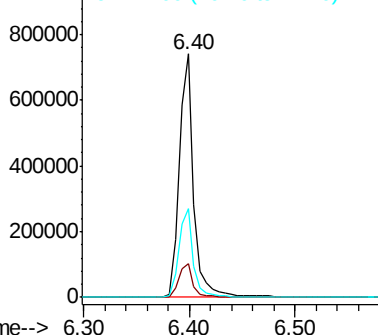
99 100

42 13.7 11.4 17.0

71 36.4 29.8 44.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
1000000
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: BF119054.D

Acq: 25 Feb 2020 8:13

Tgt Ion: 136 Resp: 549300

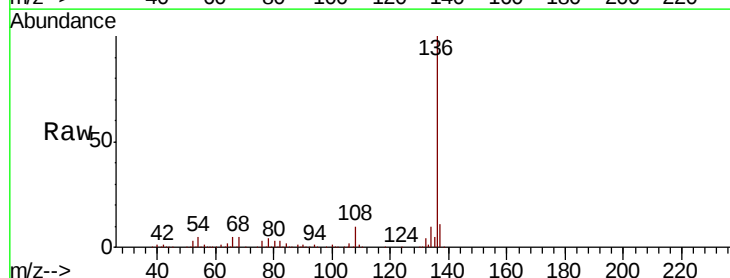
Ion Ratio Lower Upper

136 100

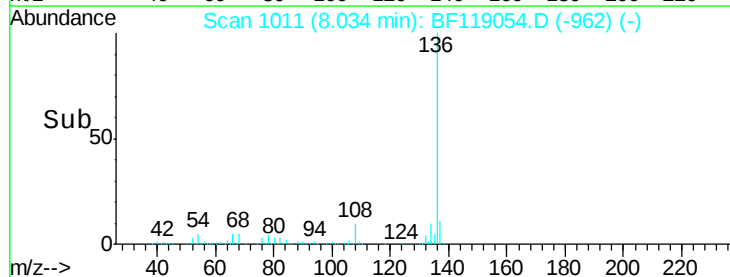
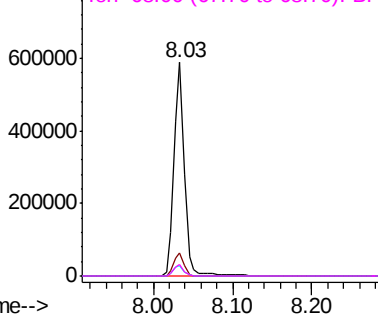
137 11.0 8.9 13.3

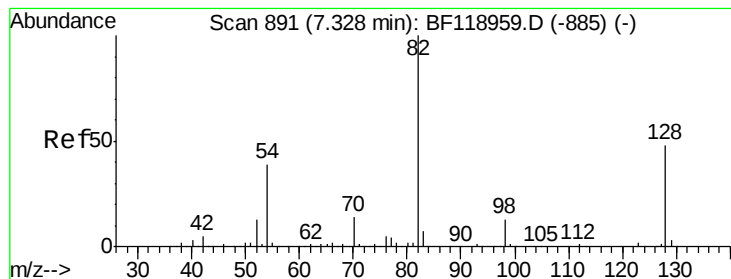
54 4.8 3.8 5.6

68 5.4 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: 59.415 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119054.D

Acq: 25 Feb 2020 8:13

Instrument :

BNA_F

ClientSampleId :

WH-1-COMP-1

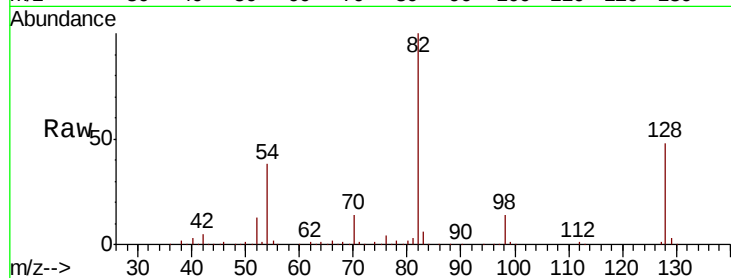
Tot Ion: 82 Resp: 618122

Ion Ratio Lower Upper

82 100

128 47.8 38.2 57.2

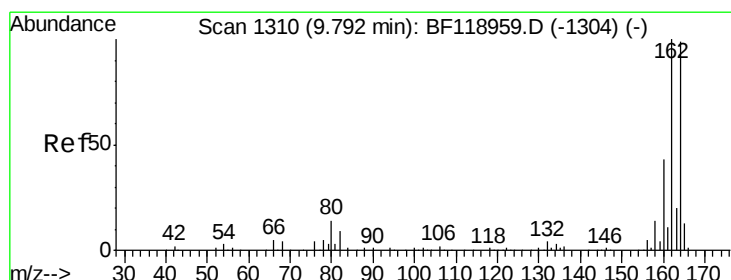
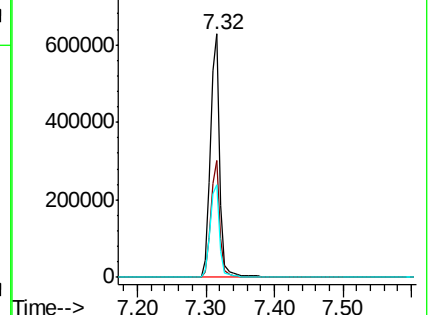
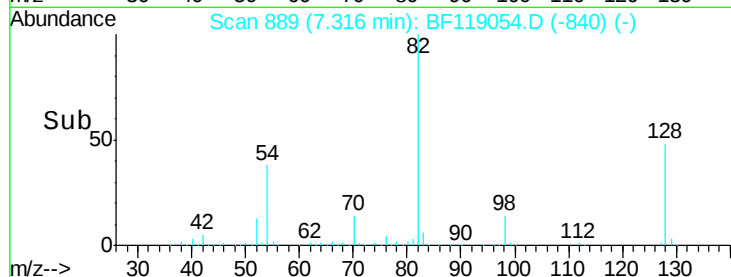
54 38.2 31.3 46.9



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: BF119054.D

Acq: 25 Feb 2020 8:13

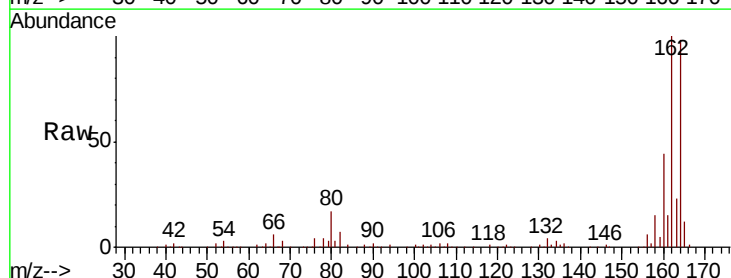
Tgt Ion: 164 Resp: 288508

Ion Ratio Lower Upper

164 100

162 102.2 81.2 121.8

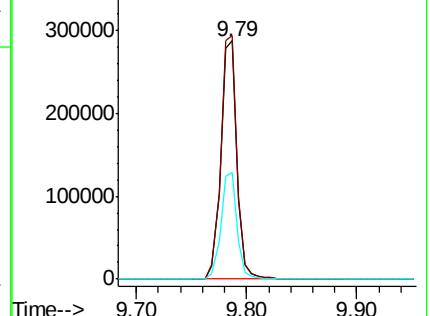
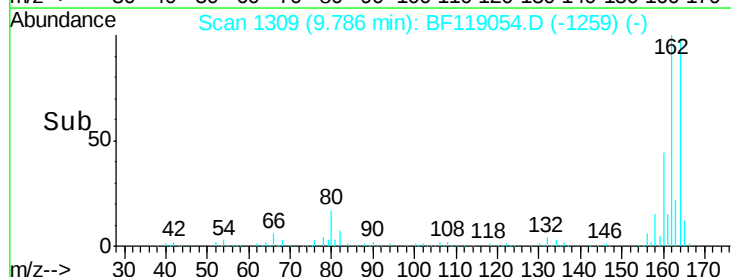
160 44.8 35.2 52.8

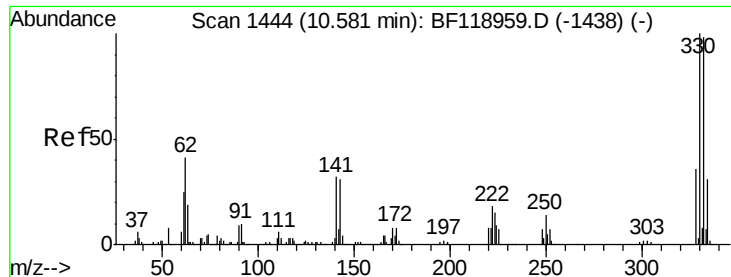


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 81.224 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF119054.D

Acq: 25 Feb 2020 8:13

Instrument :

BNA_F

ClientSampleId :

WH-1-COMP-1

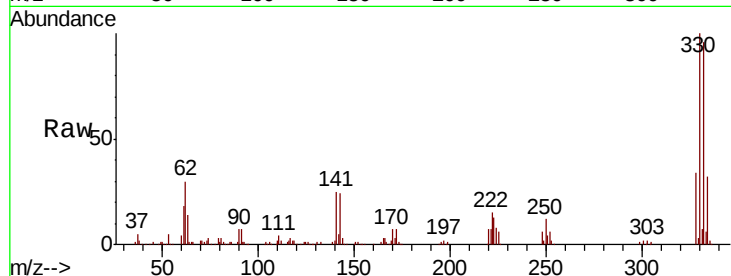
Tot Ion:330 Resp: 306553

Ion Ratio Lower Upper

330 100

332 95.4 77.1 115.7

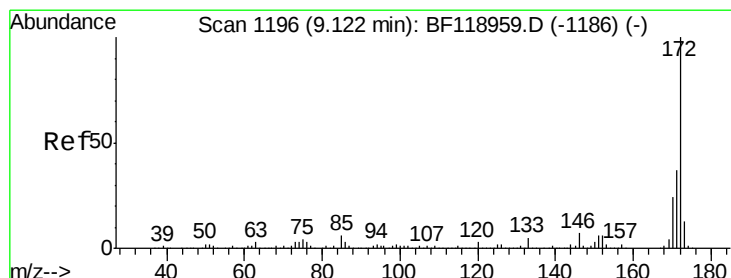
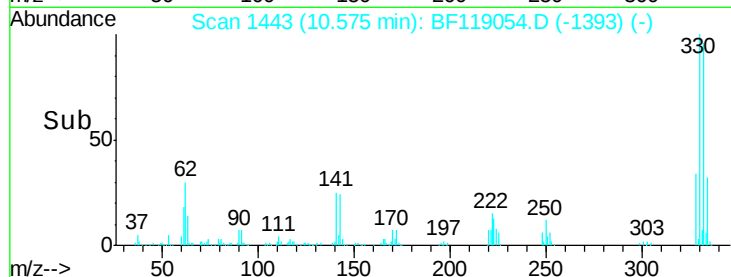
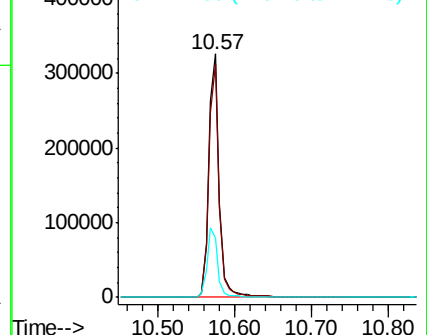
141 29.4 23.0 34.6



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: 63.698 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF119054.D

Acq: 25 Feb 2020 8:13

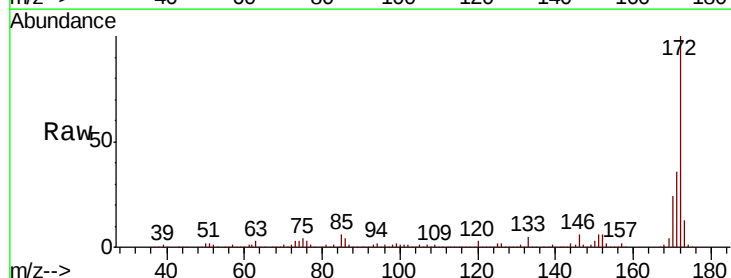
Tgt Ion:172 Resp: 1247477

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.2

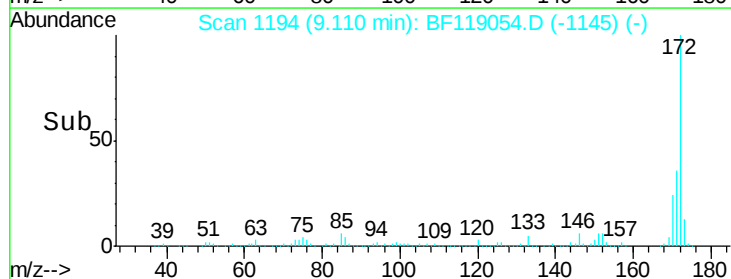
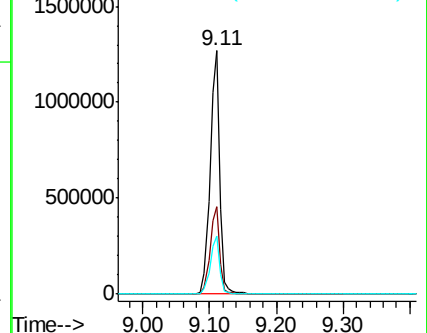
170 23.7 19.6 29.4

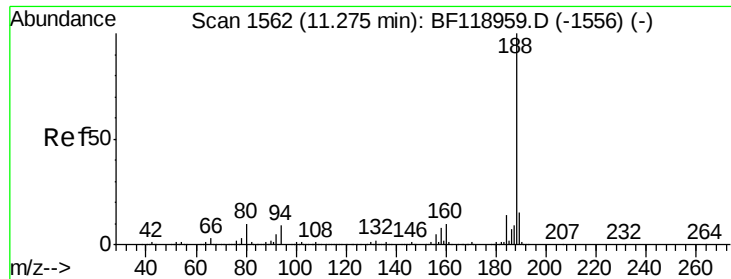


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

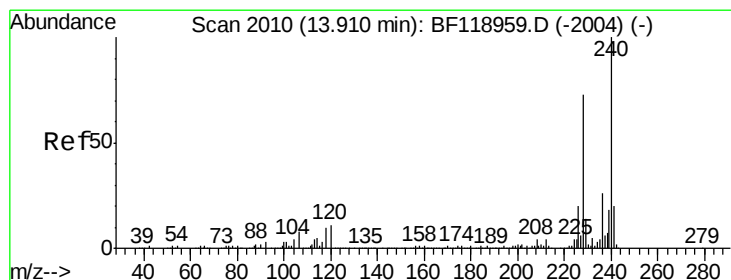
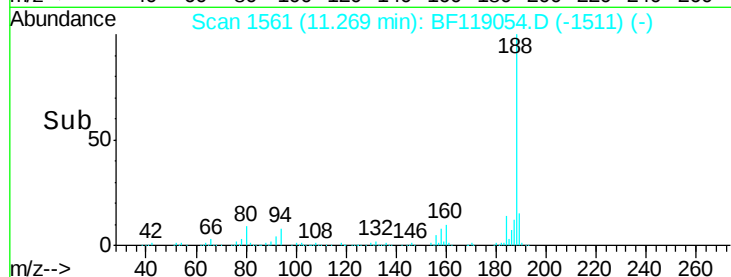
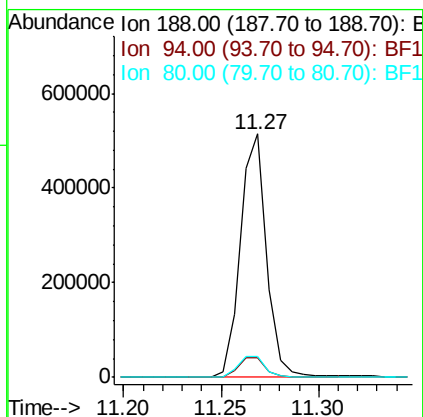
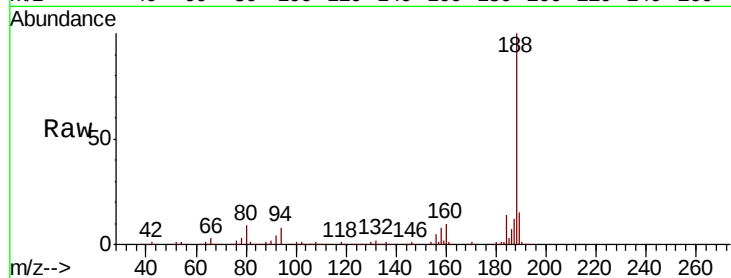




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119054.D
Acq: 25 Feb 2020 8:13

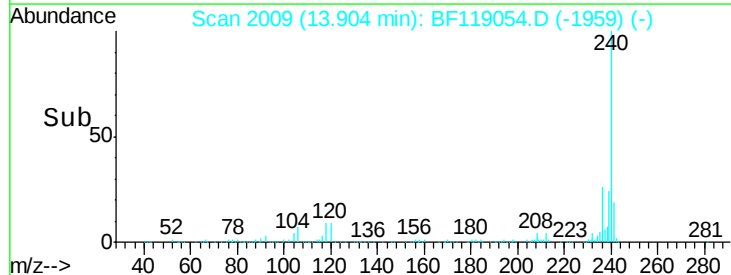
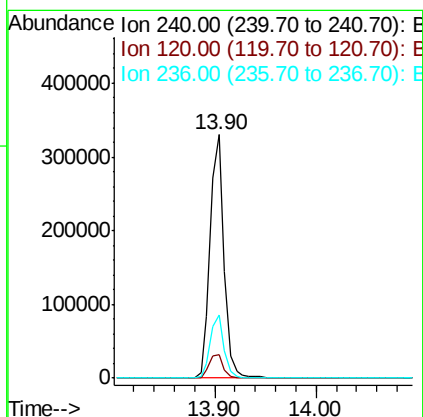
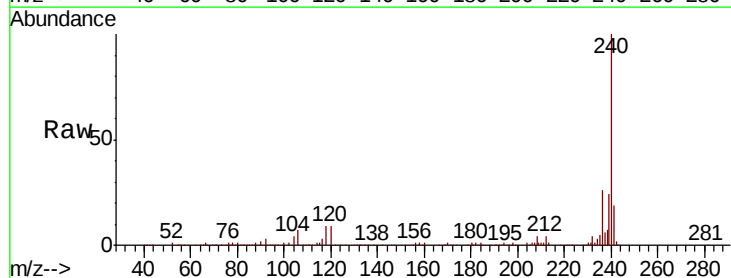
Instrument :
BNA_F
ClientSampleId :
WH-1-COMP-1

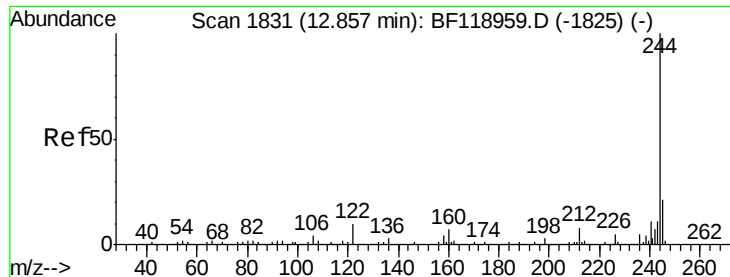
Tot Ion:188 Resp: 476412
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.6
80 8.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119054.D
Acq: 25 Feb 2020 8:13

Tgt Ion:240 Resp: 314905
Ion Ratio Lower Upper
240 100
120 9.5 8.9 13.3
236 25.8 20.6 30.8





#79

Terphenyl-d14

Concen: 70.423 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119054.D

Acq: 25 Feb 2020 8:13

Instrument :

BNA_F

ClientSampleId :

WH-1-COMP-1

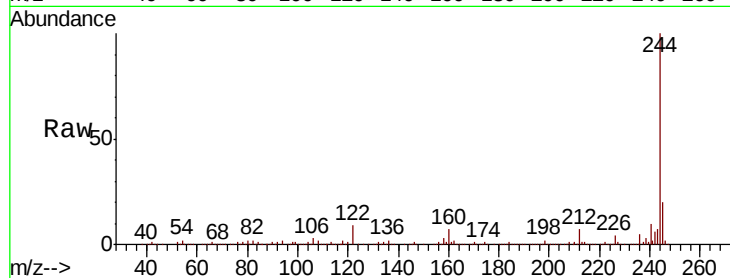
Tot Ion:244 Resp: 1288081

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.3	9.5
122	9.4	8.4	12.6

244 100

212 7.0 6.3 9.5

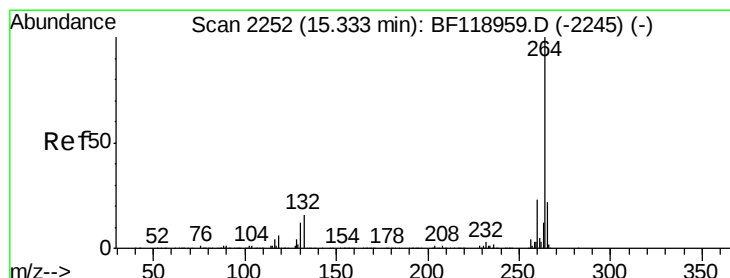
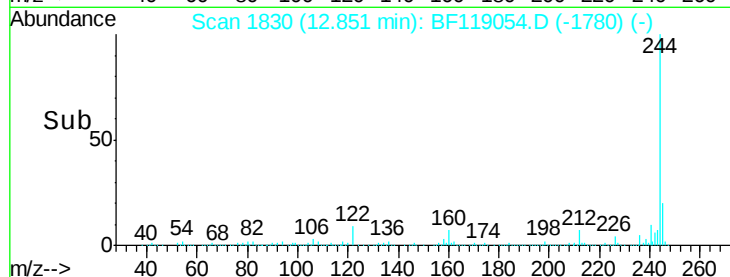
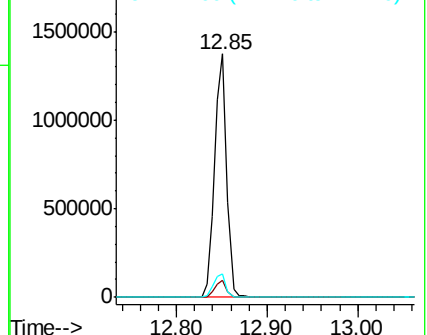
122 9.4 8.4 12.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF119054.D

Acq: 25 Feb 2020 8:13

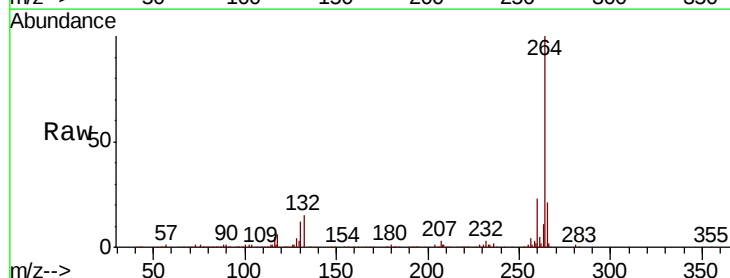
Tgt Ion:264 Resp: 361550

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	21.5	17.3	25.9

264 100

260 23.2 18.6 28.0

265 21.5 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

