

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119055.D
 Acq On : 25 Feb 2020 8:42
 Operator : CG/JU
 Sample : L1659-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WH-2-COMP-2

Quant Time: Feb 25 10:16:51 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	166456	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	651508	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	349312	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	608523	20.00	ng	0.00
76) Chrysene-d12	13.90	240	405514	20.00	ng	0.00
87) Perylene-d12	15.33	264	417260	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	957377	96.12	ng	0.01
7) Phenol-d6	6.40	99	1004899	82.96	ng	0.00
23) Nitrobenzene-d5	7.32	82	901347	73.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	476976	104.38	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1763595	74.38	ng	-0.01
79) Terphenyl-d14	12.85	244	1998298	84.84	ng	0.00

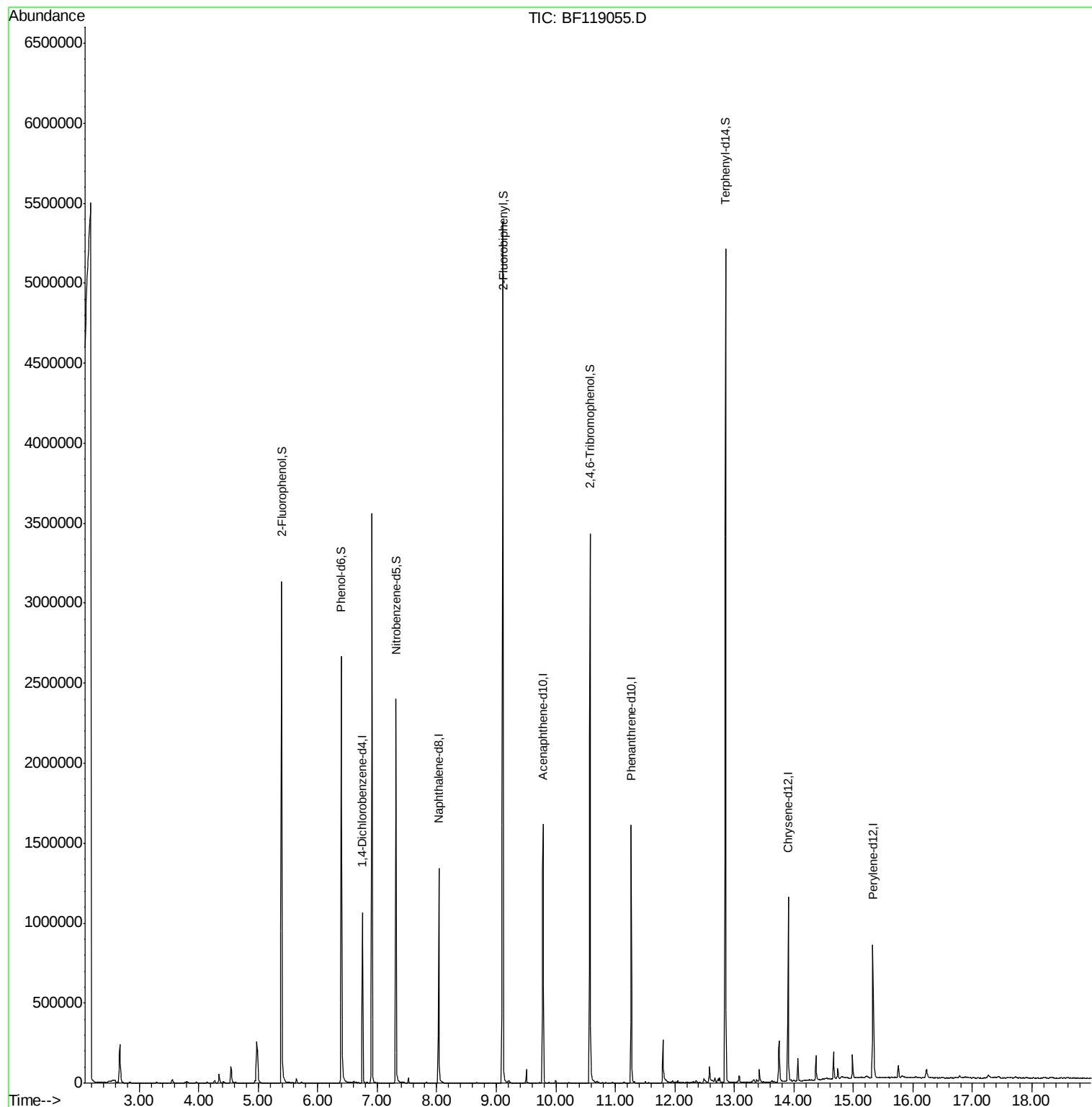
Target Compounds Qvalue

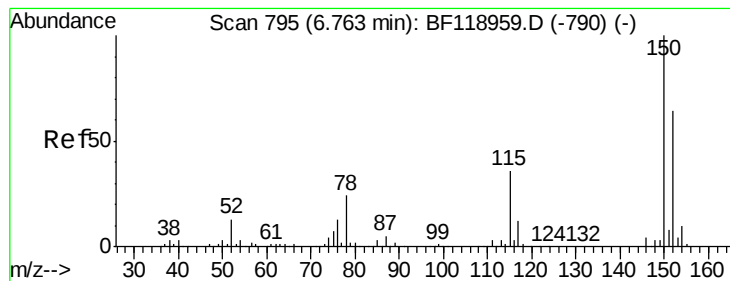
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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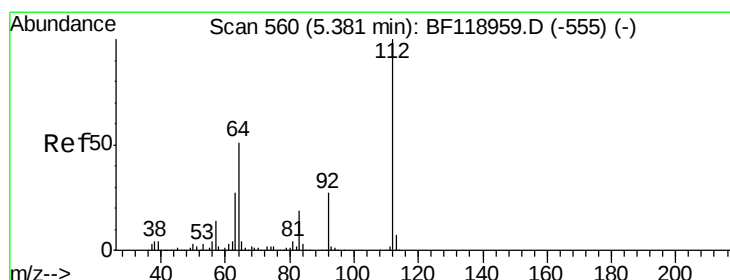
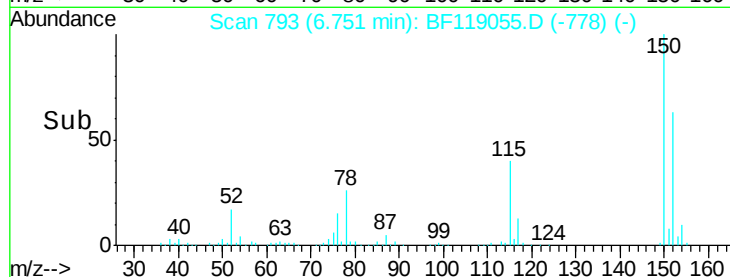
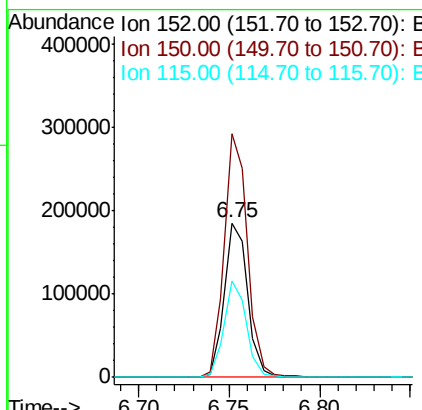
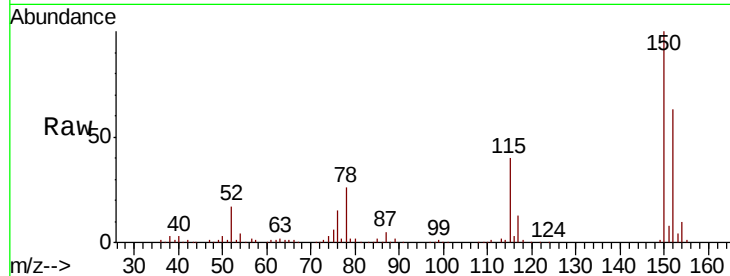




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF119055.D
 Acq: 25 Feb 2020 8:42

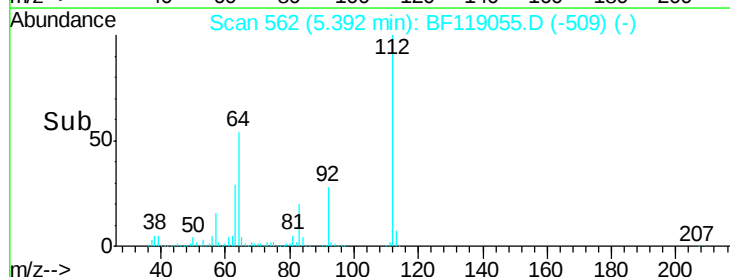
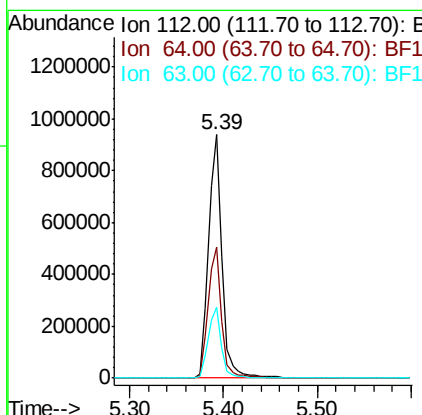
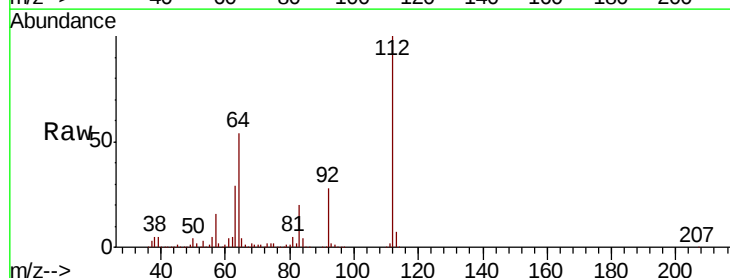
Instrument :
 BNA_F
 ClientSampleId :
 WH-2-COMP-2

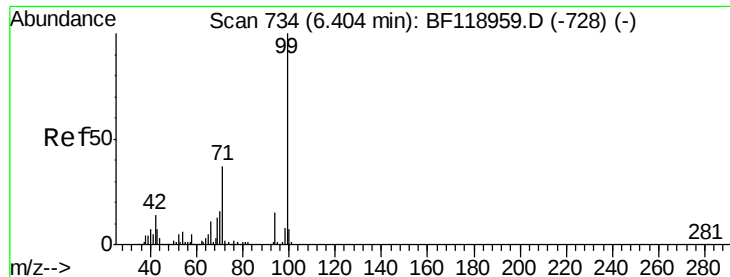
Tot Ion:152 Resp: 166456
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.3 186.5
 115 62.5 44.6 67.0



#5
 2-Fluorophenol
 Concen: 96.118 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF119055.D
 Acq: 25 Feb 2020 8:42

Tgt Ion:112 Resp: 957377
 Ion Ratio Lower Upper
 112 100
 64 53.9 40.4 60.6
 63 29.0 21.3 31.9





#7

Phenol-d6

Concen: 82.956 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119055.D

Acq: 25 Feb 2020 8:42

Instrument :

BNA_F

ClientSampleId :

WH-2-COMP-2

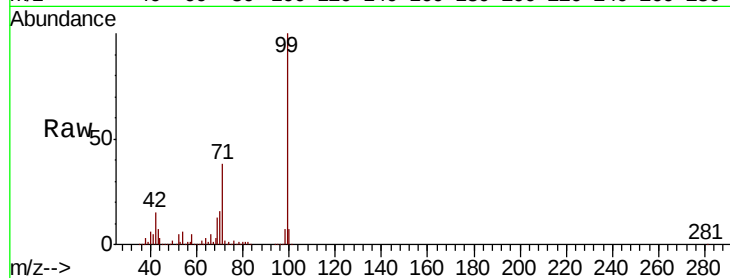
Tot Ion: 99 Resp: 1004899

Ion Ratio Lower Upper

99 100

42 14.8 11.4 17.0

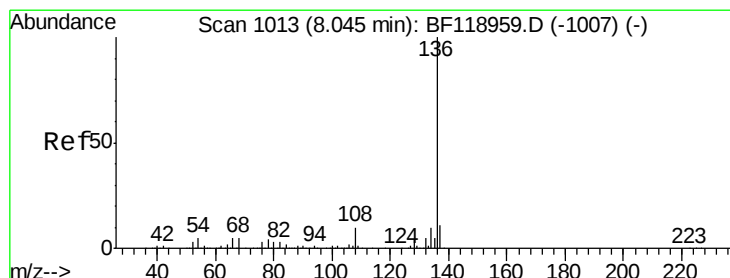
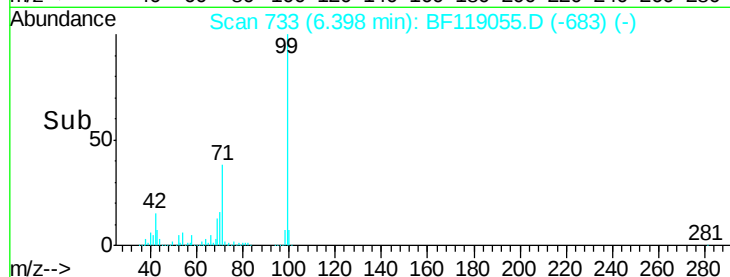
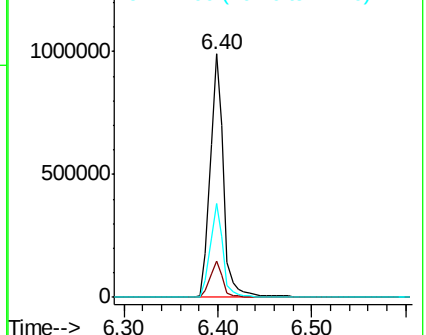
71 38.4 29.8 44.6



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: BF119055.D

Acq: 25 Feb 2020 8:42

Tgt Ion: 136 Resp: 651508

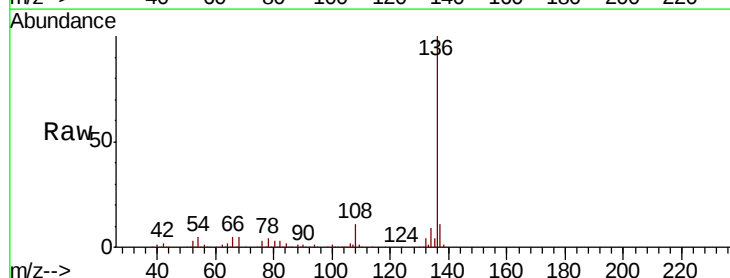
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 4.7 3.8 5.6

68 5.0 4.2 6.2

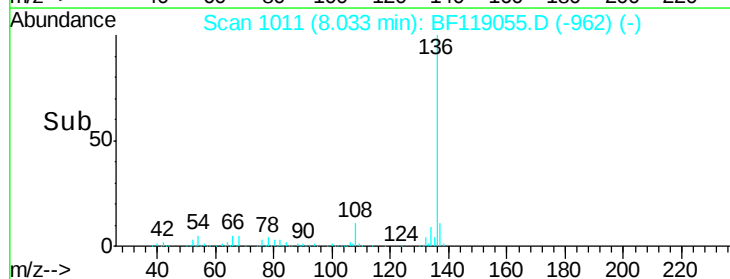
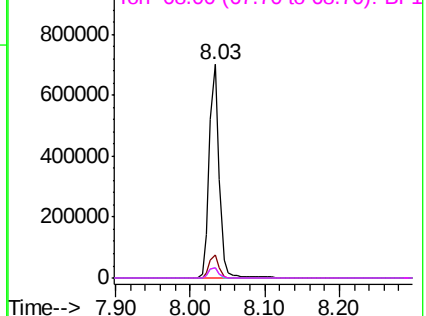


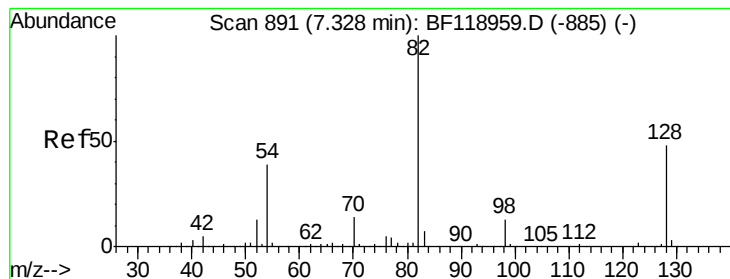
Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.048 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119055.D

Acq: 25 Feb 2020 8:42

Instrument :

BNA_F

ClientSampleId :

WH-2-COMP-2

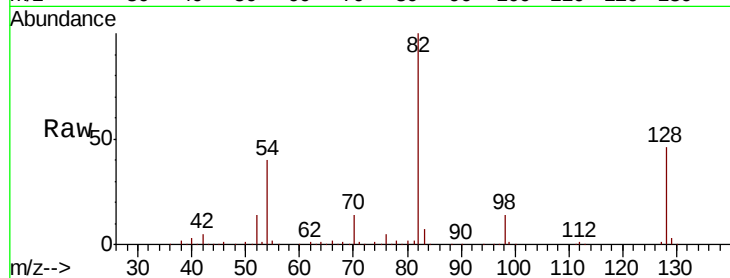
Tot Ion: 82 Resp: 901347

Ion Ratio Lower Upper

82 100

128 45.8 38.2 57.2

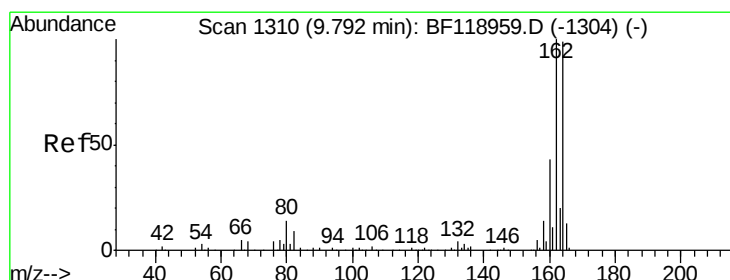
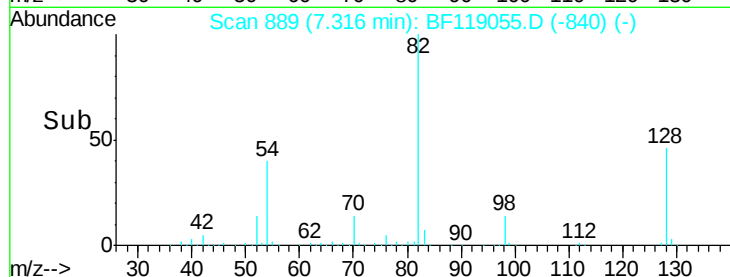
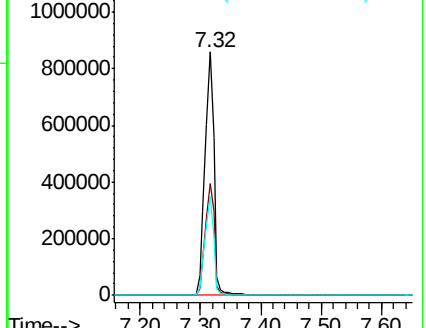
54 40.5 31.3 46.9



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: BF119055.D

Acq: 25 Feb 2020 8:42

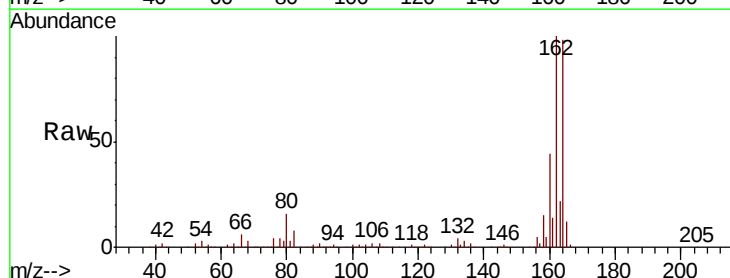
Tgt Ion:164 Resp: 349312

Ion Ratio Lower Upper

164 100

162 102.1 81.2 121.8

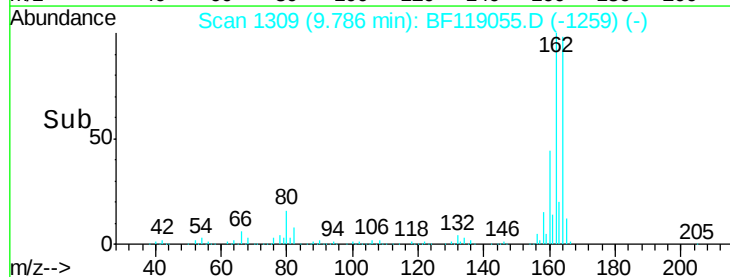
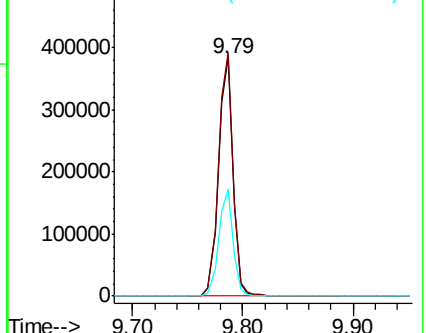
160 44.6 35.2 52.8

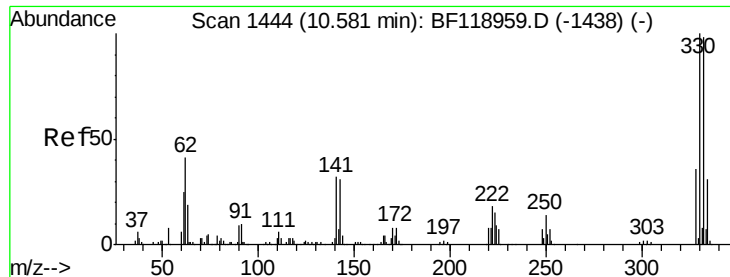


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 104.380 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF119055.D

Acq: 25 Feb 2020 8:42

Instrument :

BNA_F

ClientSampleId :

WH-2-COMP-2

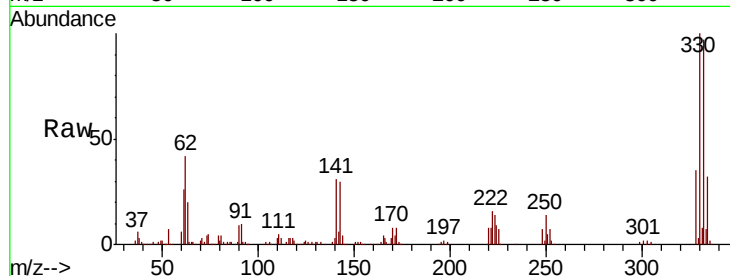
Tot Ion:330 Resp: 476976

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

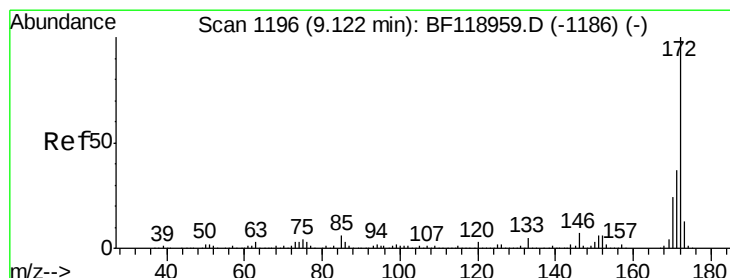
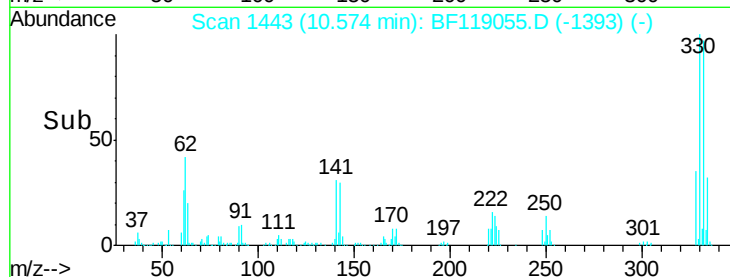
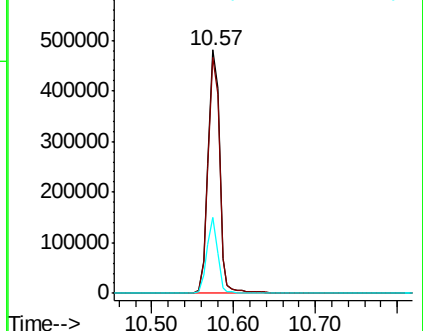
141 29.0 23.0 34.6



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: 74.377 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF119055.D

Acq: 25 Feb 2020 8:42

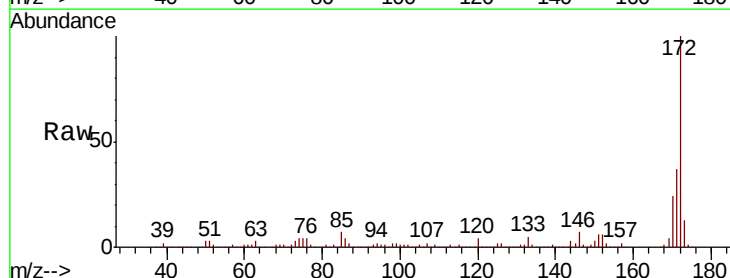
Tgt Ion:172 Resp: 1763595

Ion Ratio Lower Upper

172 100

171 37.0 29.4 44.2

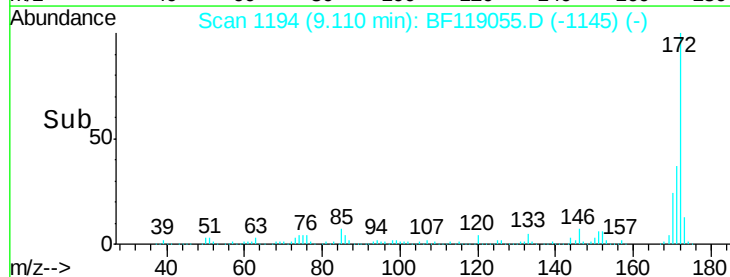
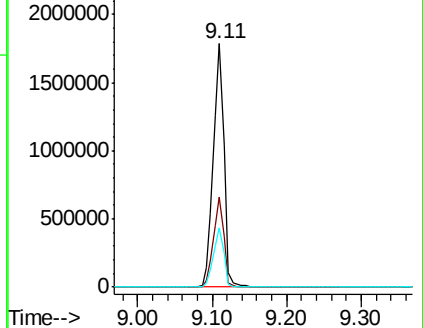
170 24.5 19.6 29.4

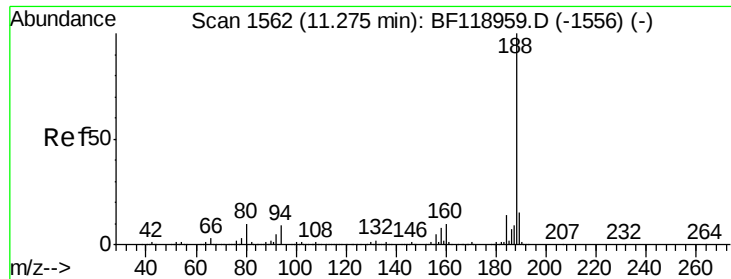


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

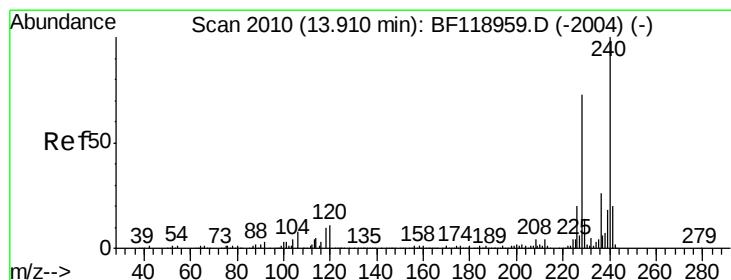
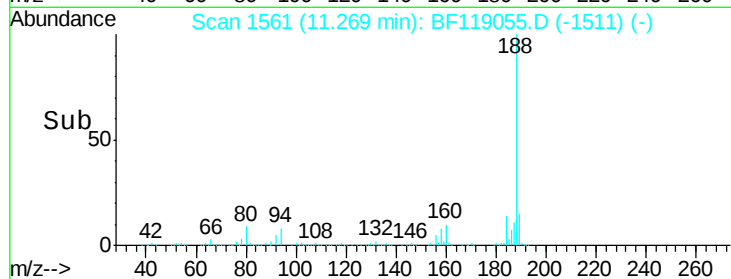
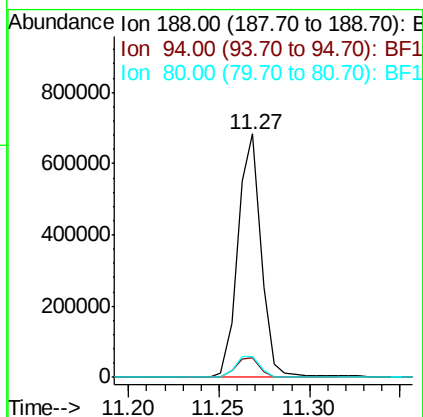
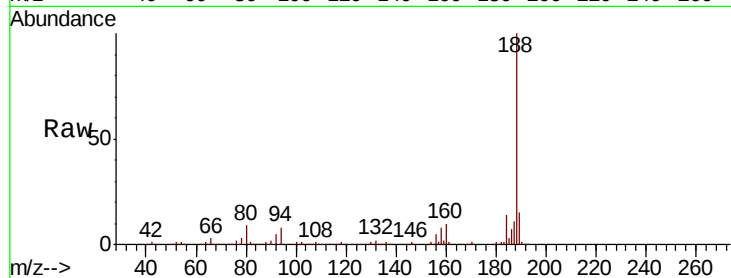




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119055.D
Acq: 25 Feb 2020 8:42

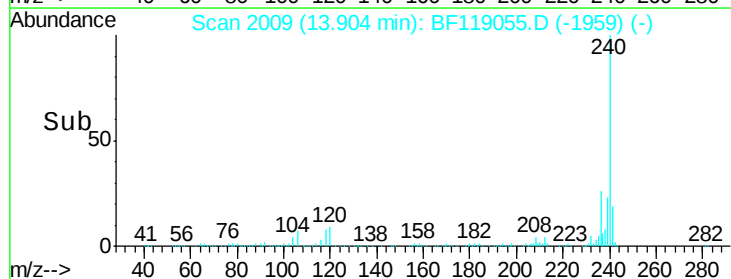
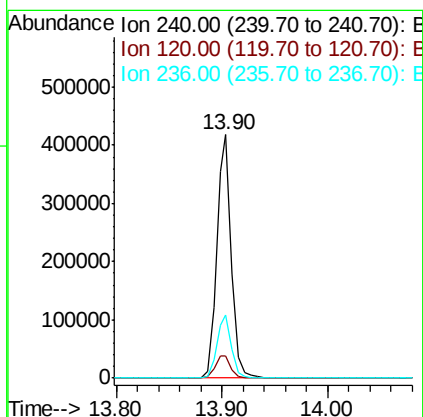
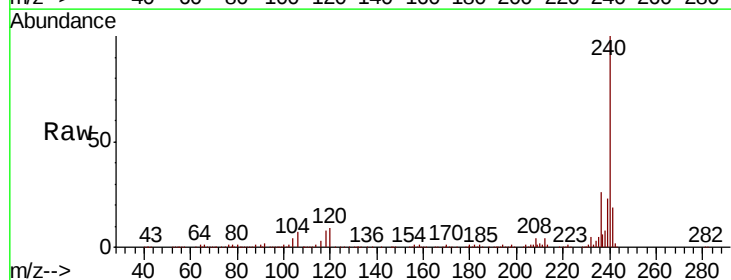
Instrument :
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WH-2-COMP-2

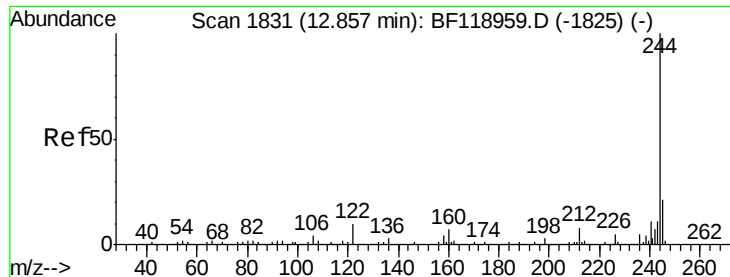
Tot Ion:188 Resp: 608523
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 8.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119055.D
Acq: 25 Feb 2020 8:42

Tgt Ion:240 Resp: 405514
Ion Ratio Lower Upper
240 100
120 9.3 8.9 13.3
236 26.1 20.6 30.8





#79

Terphenyl-d14

Concen: 84.841 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119055.D

Acq: 25 Feb 2020 8:42

Instrument :

BNA_F

ClientSampleId :

WH-2-COMP-2

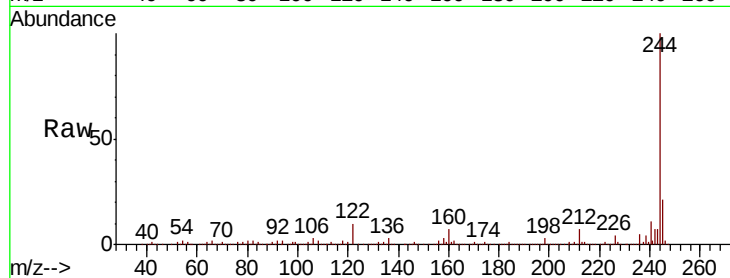
Tot Ion:244 Resp: 1998298

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

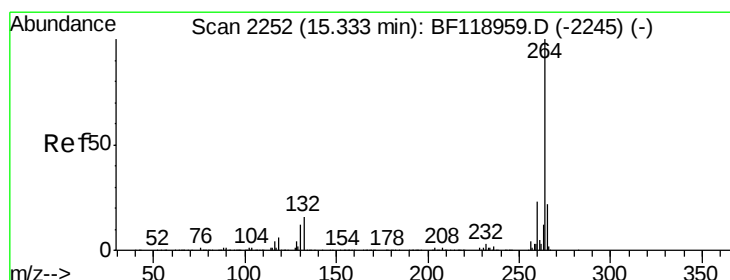
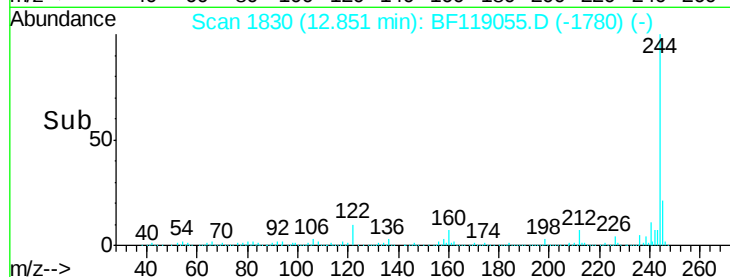
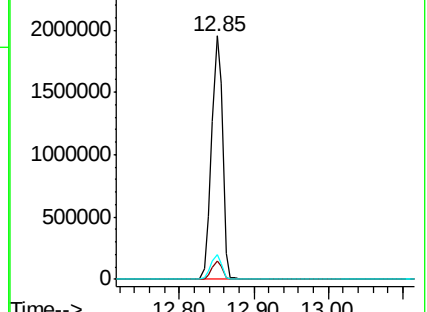
122 10.2 8.4 12.6



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: BF119055.D

Acq: 25 Feb 2020 8:42

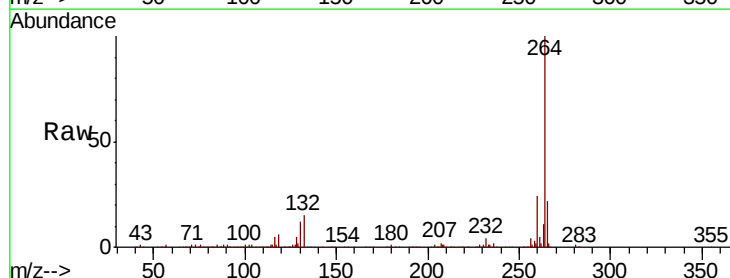
Tgt Ion:264 Resp: 417260

Ion Ratio Lower Upper

264 100

260 23.6 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

