

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118976.D
 Acq On : 20 Feb 2020 23:38
 Operator : CG/JU
 Sample : L1576-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WFD-SB-1010203-0-8

Quant Time: Feb 21 03:19:20 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

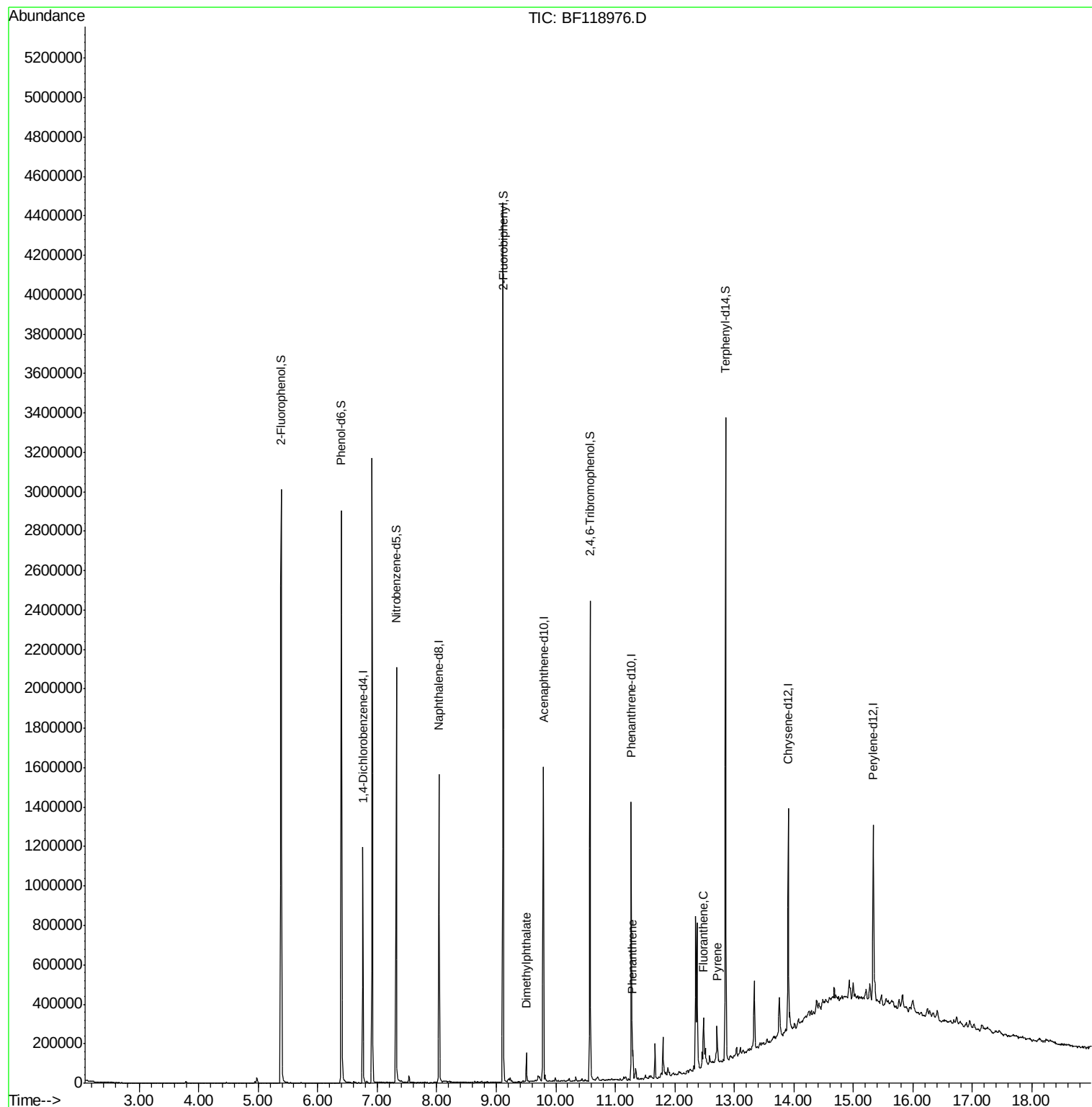
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	185319	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	685044	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	345071	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	535901	20.00	ng	0.00
76) Chrysene-d12	13.90	240	366561	20.00	ng	0.00
87) Perylene-d12	15.33	264	419546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	910037	82.07	ng	0.00
7) Phenol-d6	6.40	99	1092893	81.04	ng	0.00
23) Nitrobenzene-d5	7.32	82	702393	54.14	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	317221	70.27	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1377280	58.80	ng	0.00
79) Terphenyl-d14	12.85	244	1203951	56.55	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	59873	2.269	ng	99
71) Phenanthrene	11.29	178	71957	2.462	ng	98
75) Fluoranthene	12.48	202	89951	2.900	ng	99
78) Pyrene	12.71	202	76896	2.612	ng	99

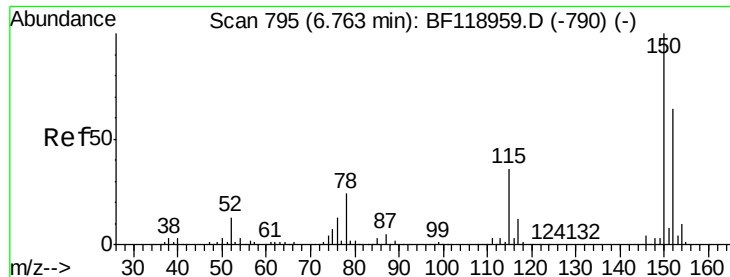
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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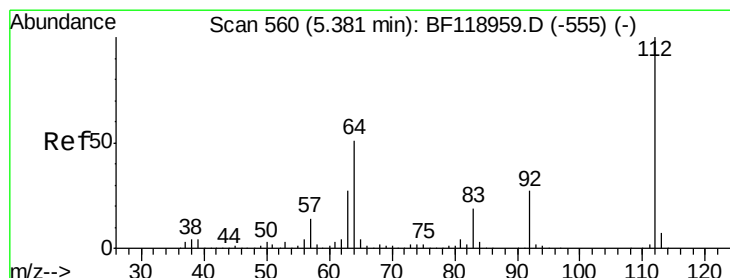
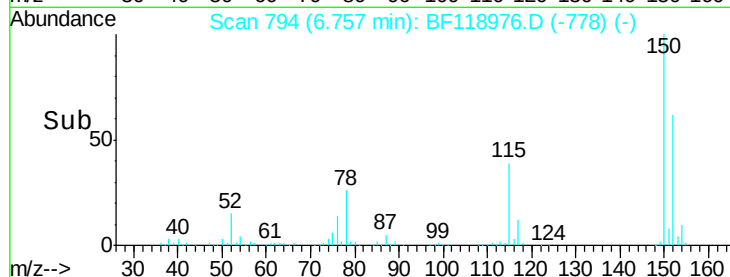
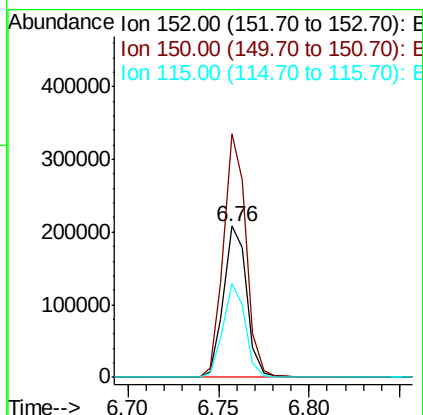
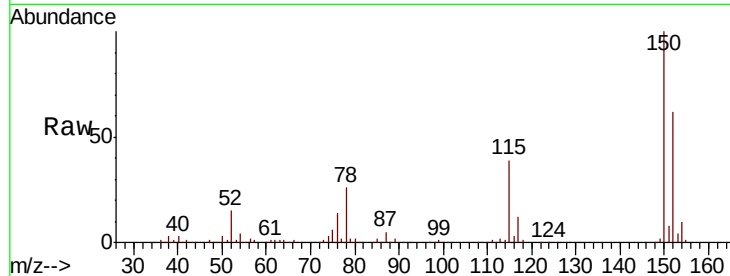


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF118976.D
Acq: 20 Feb 2020 23:38

Instrument :
BNA_F
ClientSampleId :
WFD-SB-1010203-0-8

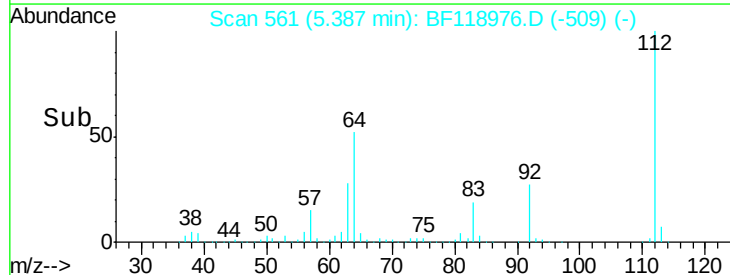
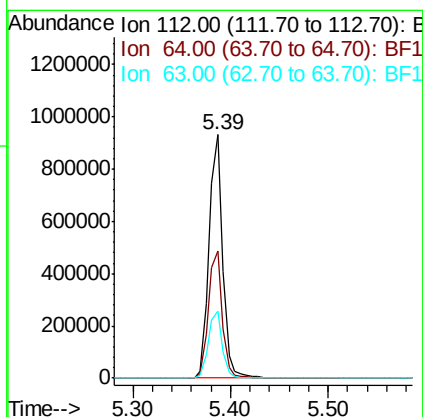
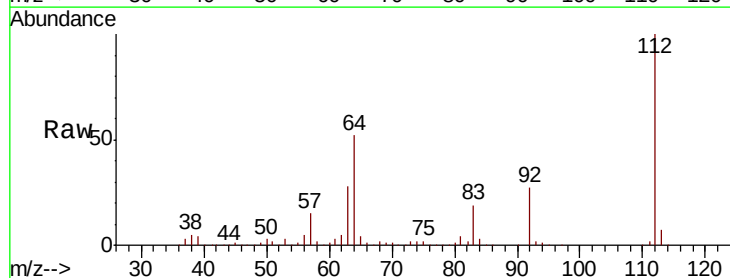
Tot Ion:152 Resp: 185319
Ion Ratio Lower Upper
152 100
150 160.8 124.3 186.5
115 62.4 44.6 67.0

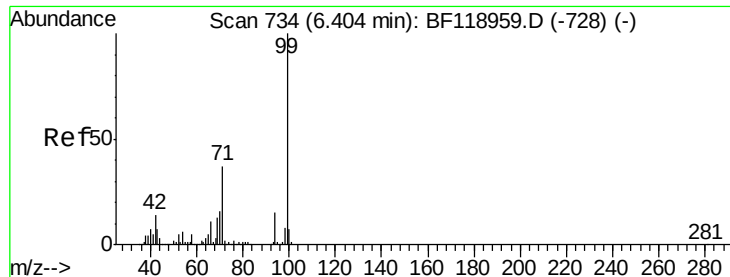


#5

2-Fluorophenol
Concen: 82.066 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF118976.D
Acq: 20 Feb 2020 23:38

Tgt Ion:112 Resp: 910037
Ion Ratio Lower Upper
112 100
64 52.2 40.4 60.6
63 27.6 21.3 31.9





#7

Phenol-d6

Concen: 81.037 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF118976.D

Acq: 20 Feb 2020 23:38

Instrument :

BNA_F

ClientSampleId :

WFD-SB-1010203-0-8

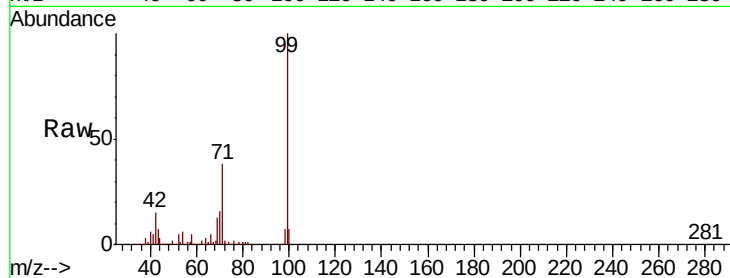
Tot Ion: 99 Resp: 1092893

Ion Ratio Lower Upper

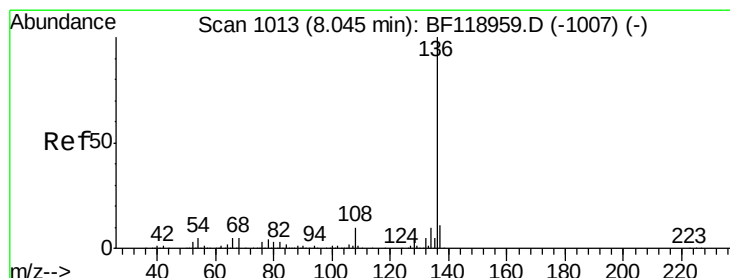
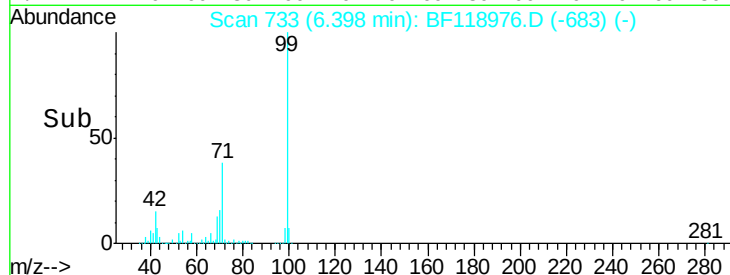
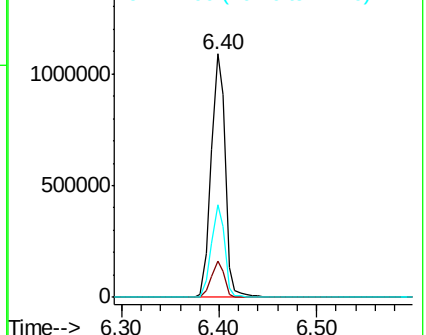
99 100

42 14.8 11.4 17.0

71 38.1 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: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF118976.D

Acq: 20 Feb 2020 23:38

Tgt Ion: 136 Resp: 685044

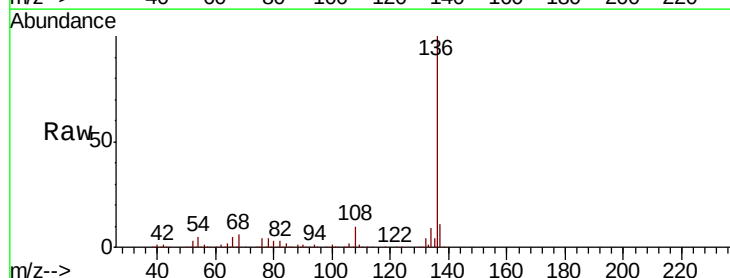
Ion Ratio Lower Upper

136 100

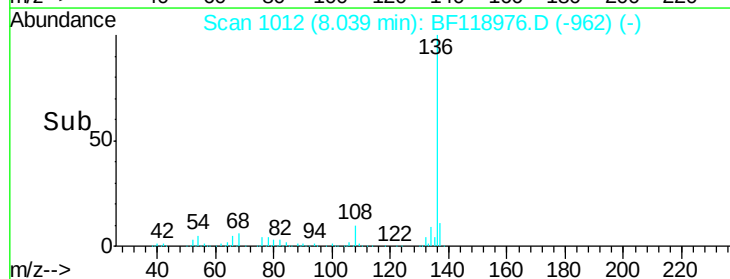
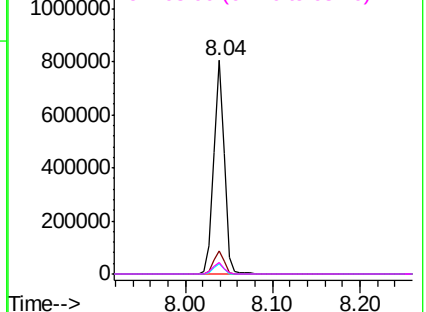
137 11.0 8.9 13.3

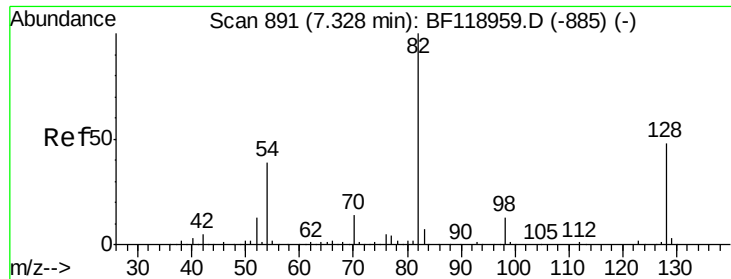
54 5.1 3.8 5.6

68 5.6 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

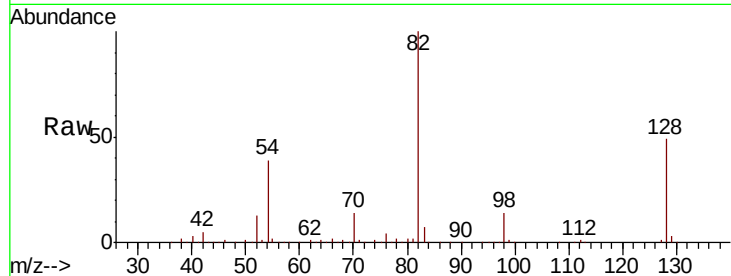




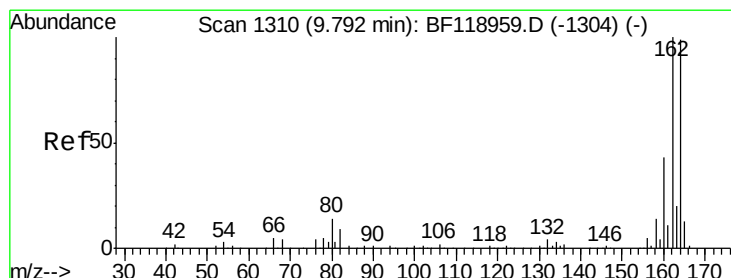
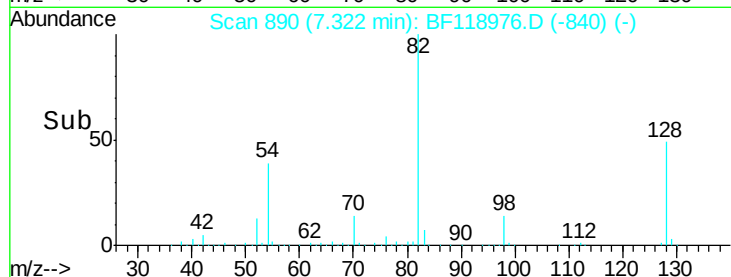
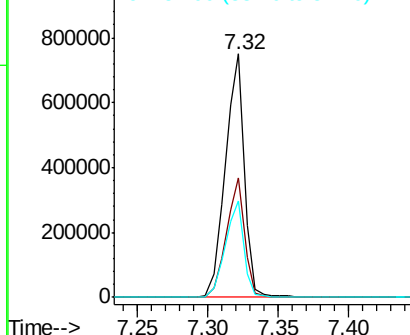
#23
Nitrobenzene-d5
Concen: 54.137 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF118976.D
Acq: 20 Feb 2020 23:38

Instrument :
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WFD-SB-1010203-0-8

Tot Ion	82	Resp	702393
Ion Ratio	100		
Lower	38.2		
Upper	57.2		
54	39.3		46.9

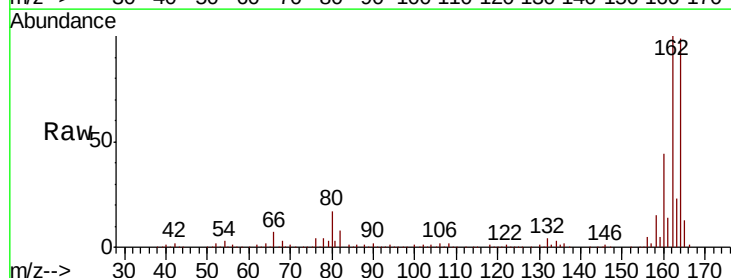


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

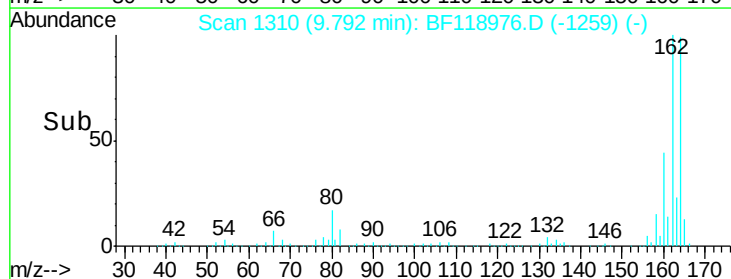
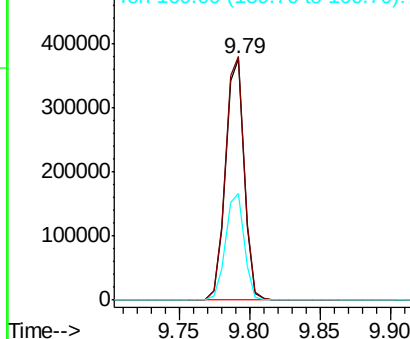


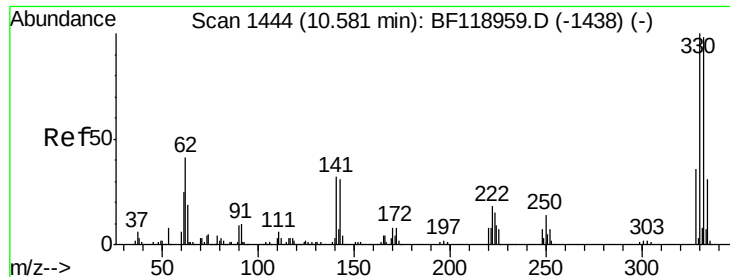
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF118976.D
Acq: 20 Feb 2020 23:38

Tgt Ion	164	Resp	345071
Ion Ratio	100		
Lower	81.2		
Upper	121.8		
162	100.8		52.8
160	44.1		



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

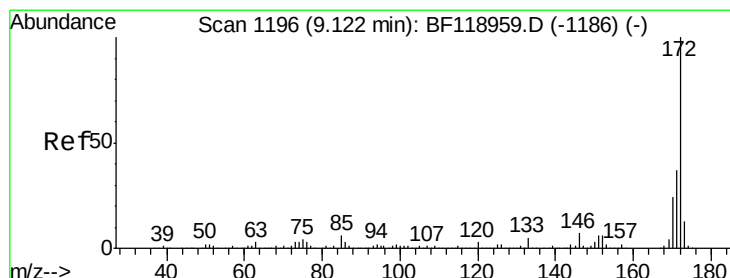
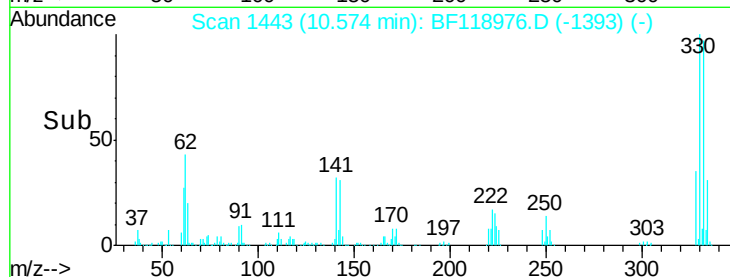
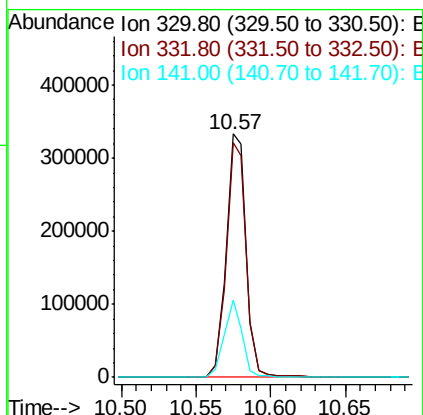
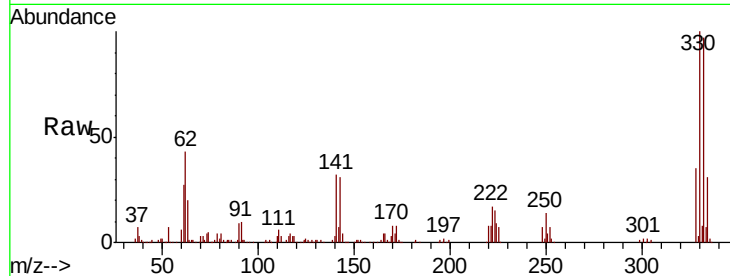




#42
 2,4,6-Tribromophenol
 Concen: 70.273 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF118976.D
 Acq: 20 Feb 2020 23:38

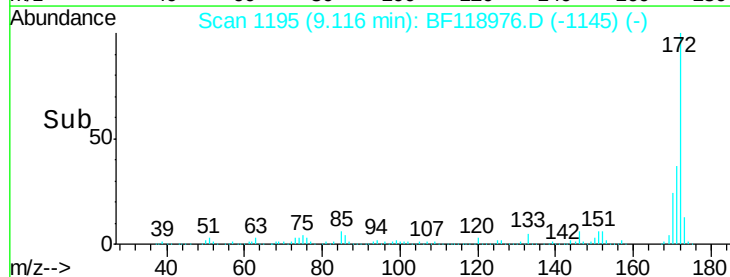
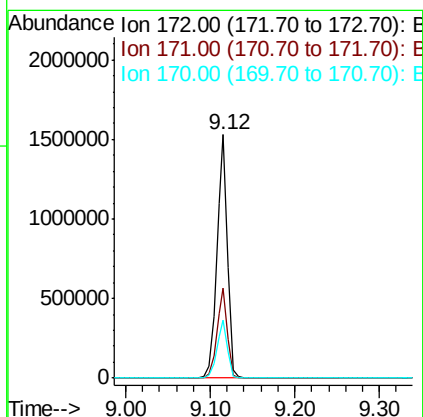
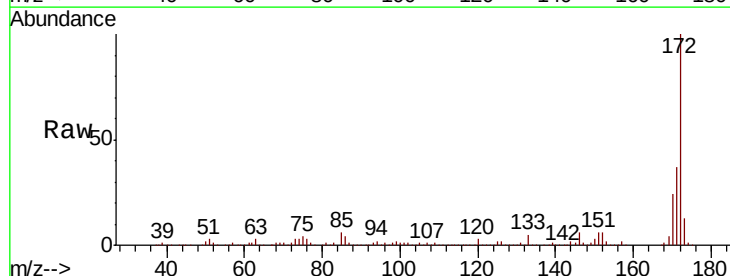
Instrument :
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 WFD-SB-1010203-0-8

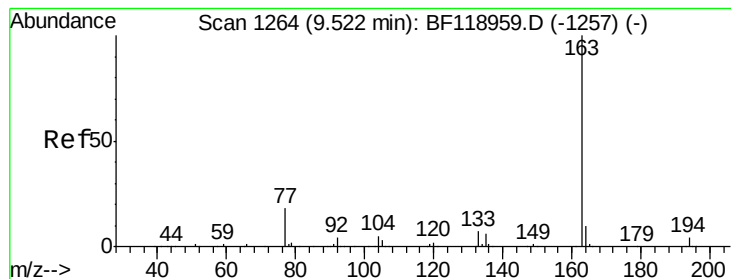
Tot Ion:330 Resp: 317221
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.1 115.7
 141 29.0 23.0 34.6



#45
 2-Fluorobiphenyl
 Concen: 58.799 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF118976.D
 Acq: 20 Feb 2020 23:38

Tgt Ion:172 Resp: 1377280
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.4 44.2
 170 23.9 19.6 29.4





#50

Dimethylphthalate

Concen: 2.269 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF118976.D

Acq: 20 Feb 2020 23:38

Instrument :

BNA_F

ClientSampleId :

WFD-SB-1010203-0-8

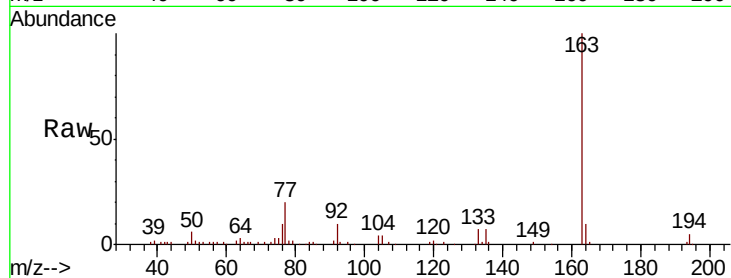
Tot Ion:163 Resp: 59873

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

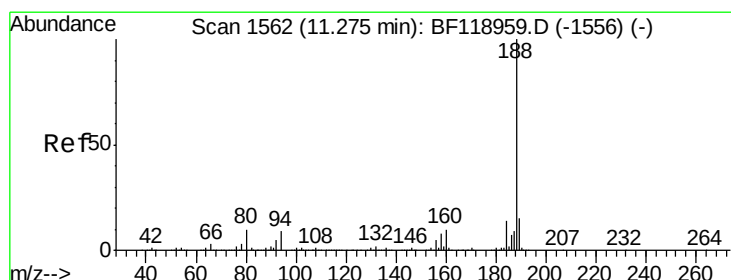
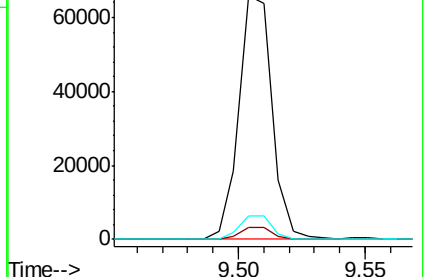
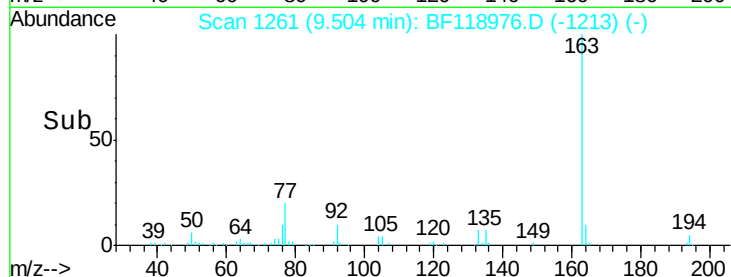
164 9.9 8.2 12.2



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: BF118976.D

Acq: 20 Feb 2020 23:38

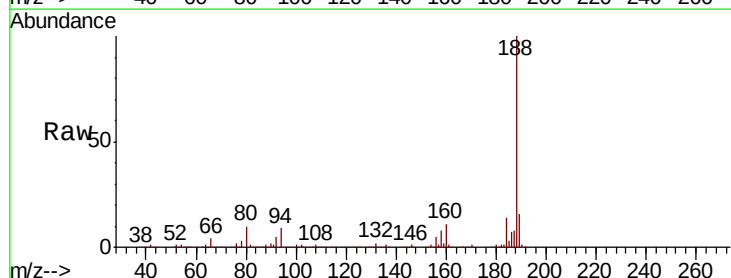
Tgt Ion:188 Resp: 535901

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

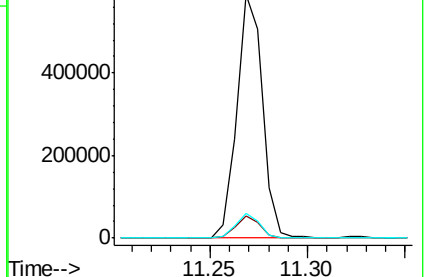
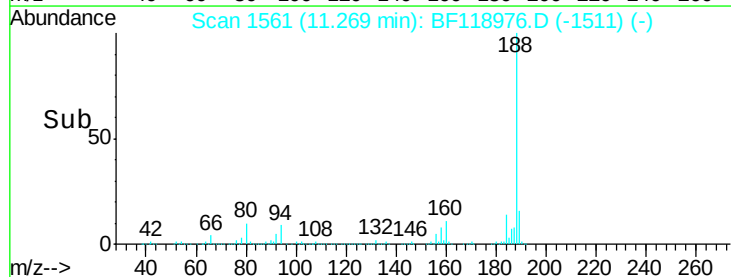
80 10.1 7.9 11.9

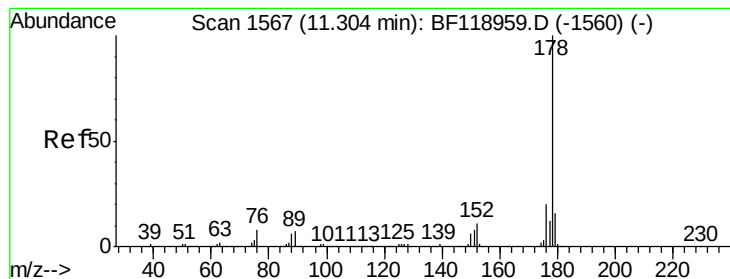


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 2.462 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF118976.D

Acq: 20 Feb 2020 23:38

Instrument :

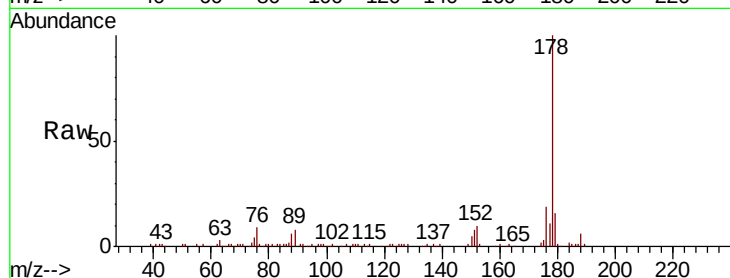
BNA_F

ClientSampleId :

WFD-SB-1010203-0-8

Tot Ion:178 Resp: 71957

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	16.5	12.6	18.8

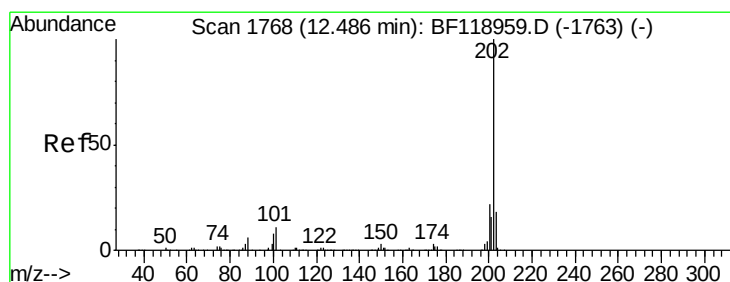
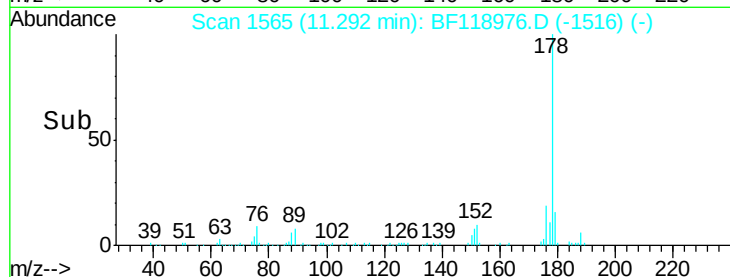
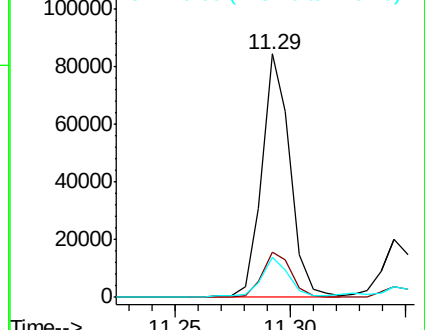


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 2.900 ng

RT: 12.48 min Scan# 1767

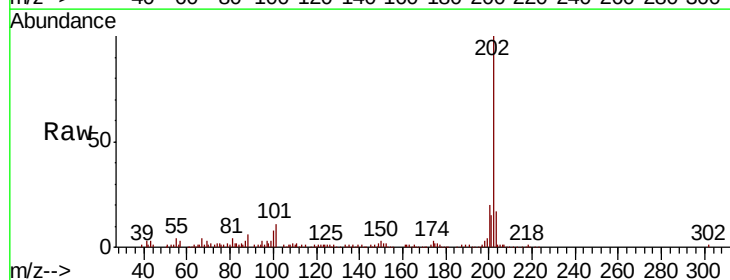
Delta R.T. -0.01 min

Lab File: BF118976.D

Acq: 20 Feb 2020 23:38

Tgt Ion:202 Resp: 89951

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.1
203	17.4	0.0	38.1

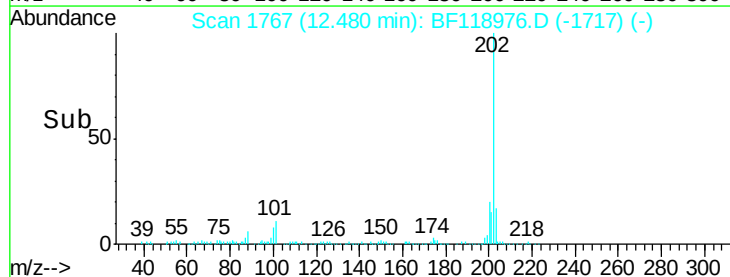
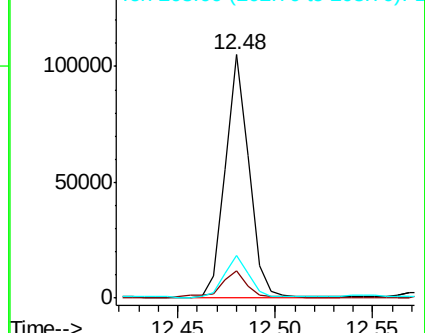


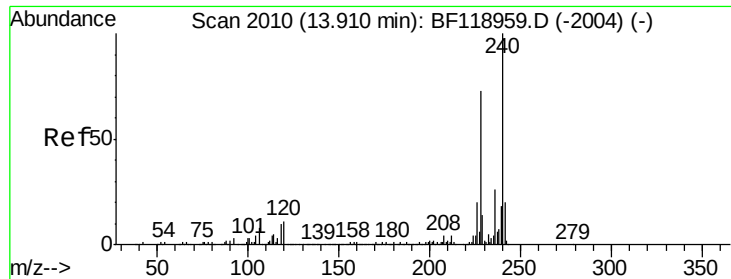
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

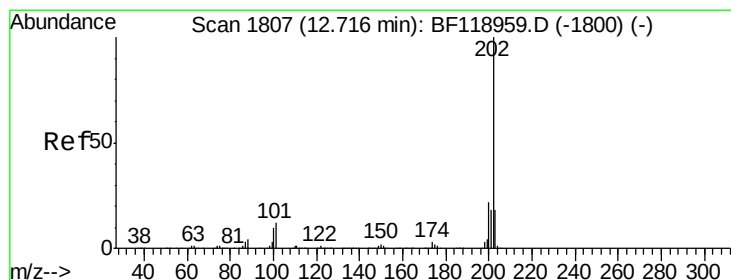
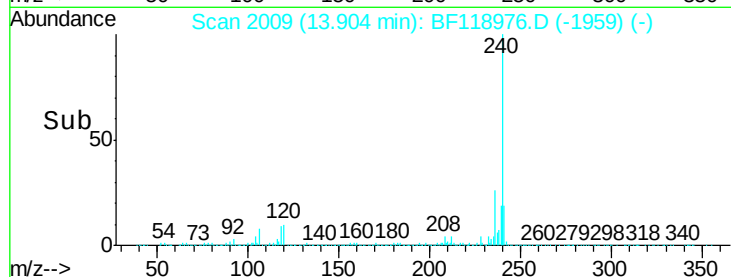
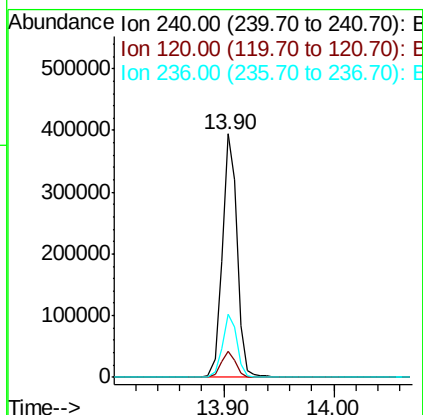
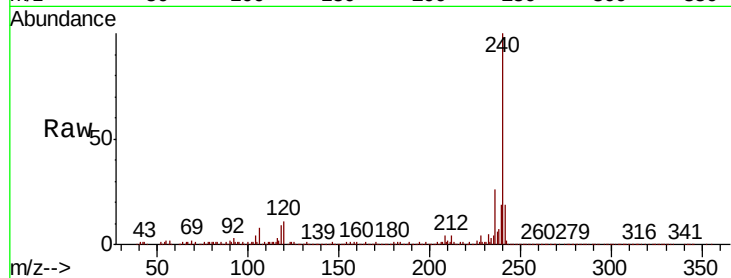




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF118976.D
Acq: 20 Feb 2020 23:38

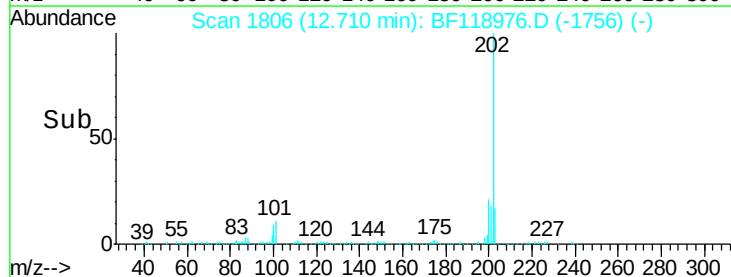
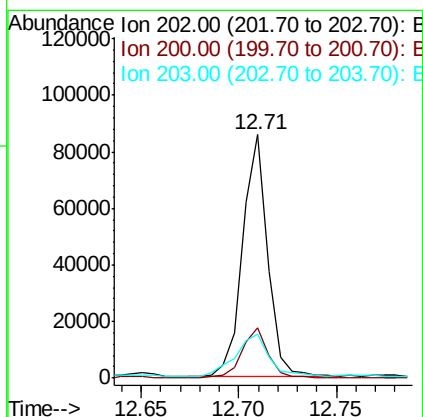
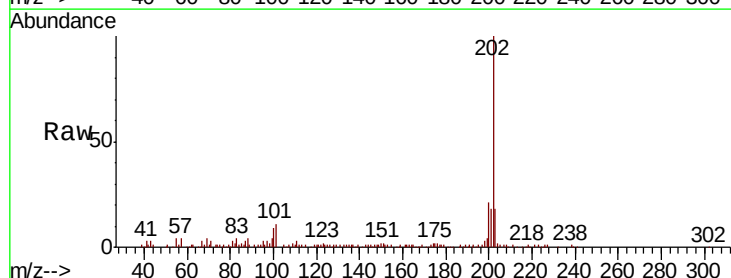
Instrument :
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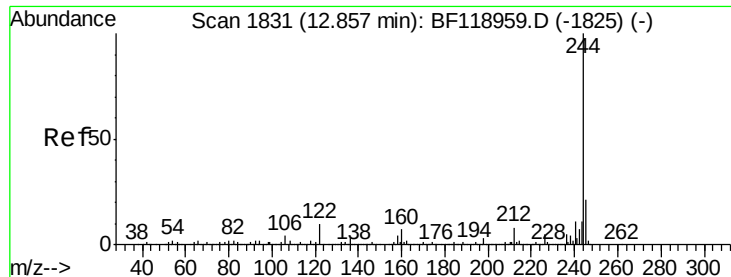
Tot Ion:240 Resp: 366561
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 25.8 20.6 30.8



#78
Pyrene
Concen: 2.612 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF118976.D
Acq: 20 Feb 2020 23:38

Tgt Ion:202 Resp: 76896
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.0
203 18.0 14.5 21.7





#79

Terphenyl-d14

Concen: 56.548 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF118976.D

Acq: 20 Feb 2020 23:38

Instrument :

BNA_F

ClientSampleId :

WFD-SB-1010203-0-8

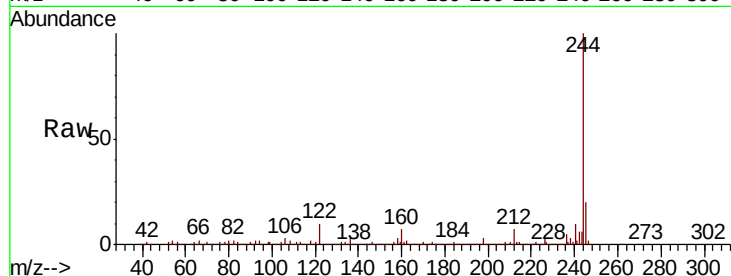
Tot Ion:244 Resp: 1203951

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

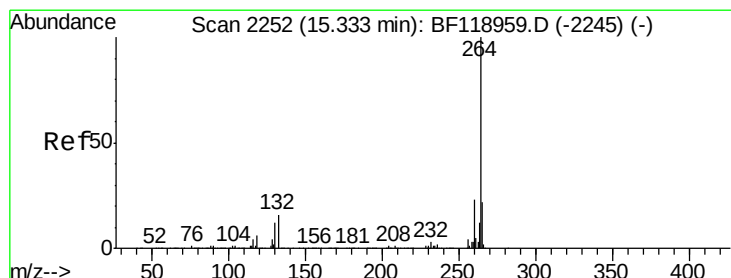
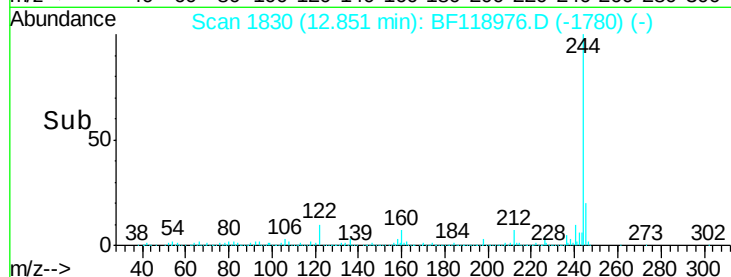
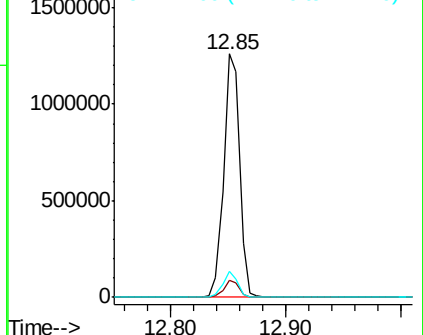
122 10.4 8.4 12.6



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# 2252

Delta R.T. -0.00 min

Lab File: BF118976.D

Acq: 20 Feb 2020 23:38

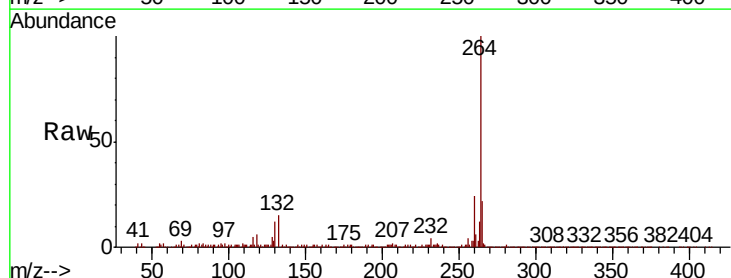
Tgt Ion:264 Resp: 419546

Ion Ratio Lower Upper

264 100

260 24.3 18.6 28.0

265 22.1 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

