

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119260.D
 Acq On : 6 Mar 2020 20:11
 Operator : CG/JU
 Sample : L1803-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N38129

Quant Time: Mar 07 02:18:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

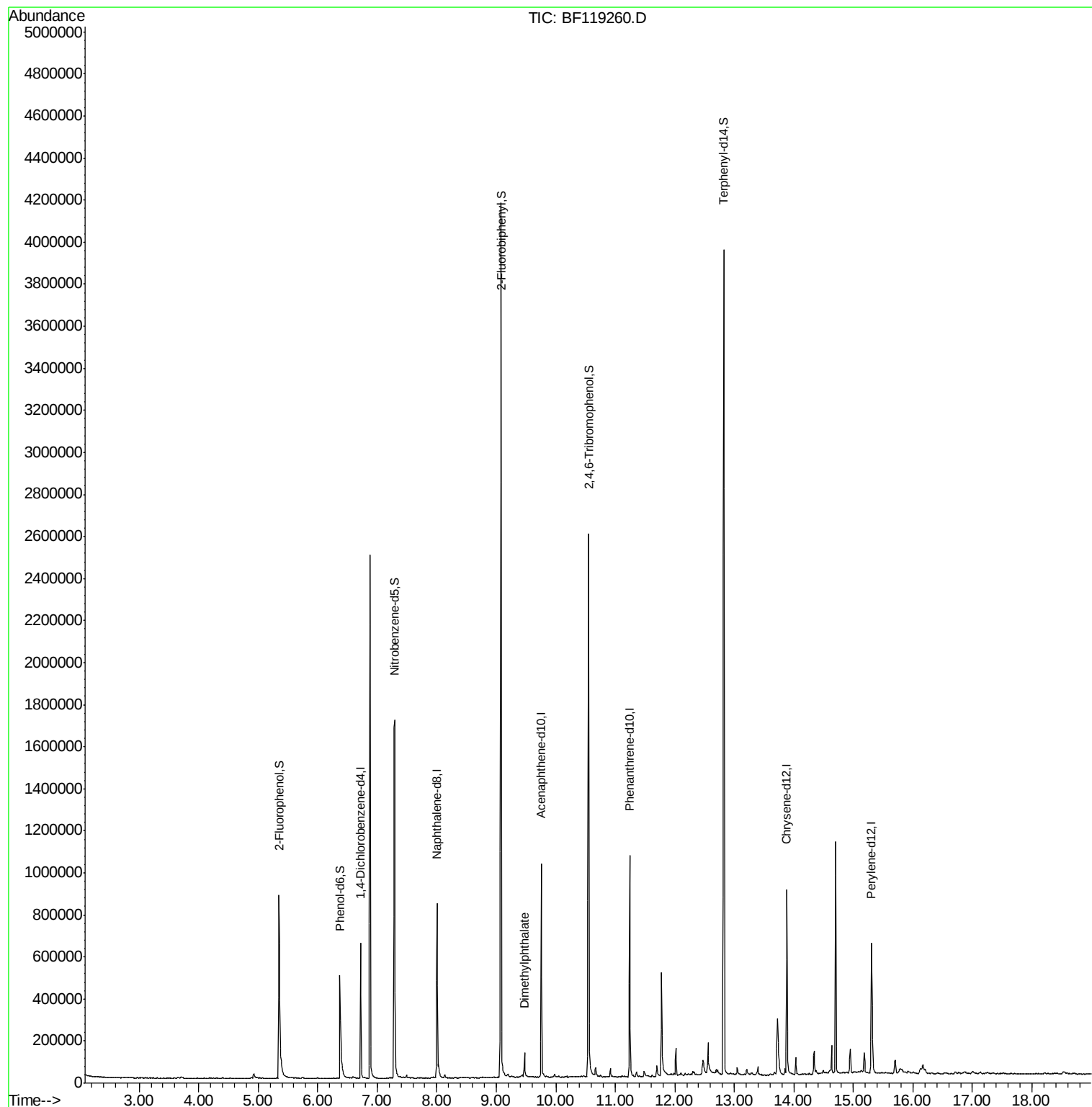
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	99069	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	383654	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	208456	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	388826	20.00	ng	0.00
76) Chrysene-d12	13.88	240	304937	20.00	ng	0.00
87) Perylene-d12	15.30	264	285260	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	352234	59.42	ng	0.00
7) Phenol-d6	6.37	99	265518	36.83	ng	0.00
23) Nitrobenzene-d5	7.29	82	644351	88.68	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	376333	138.00	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1304086	92.16	ng	0.00
79) Terphenyl-d14	12.82	244	1440316	81.32	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	48187	3.023	ng	Qvalue 99

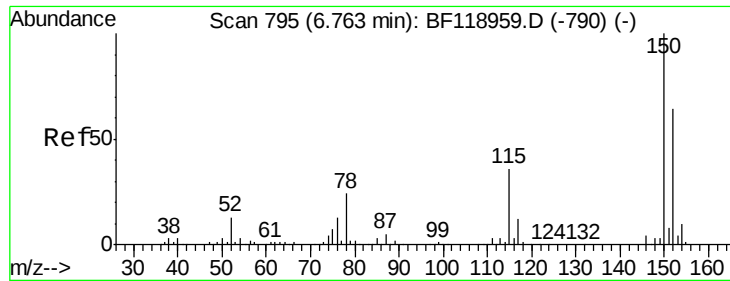
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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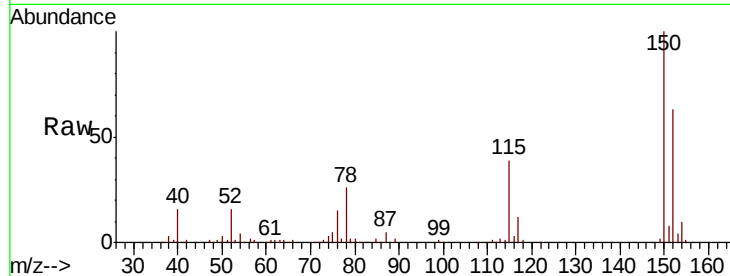


#1

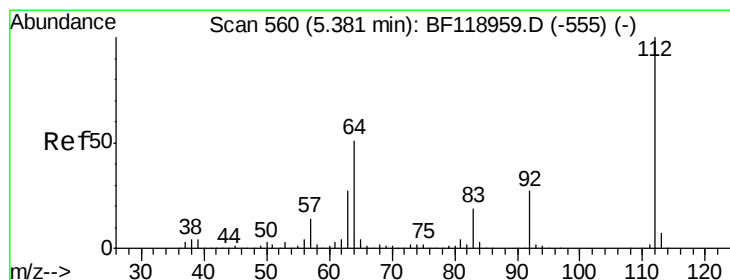
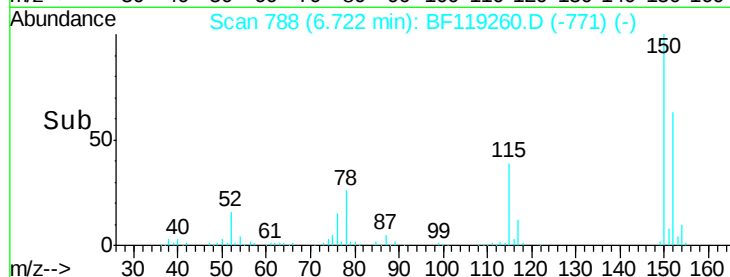
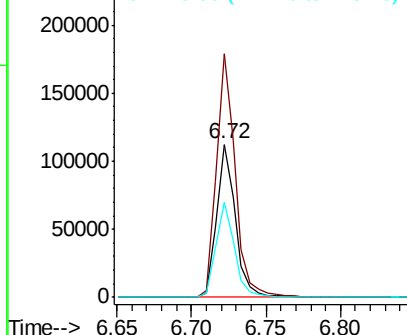
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF119260.D
 Acq: 6 Mar 2020 20:11

Instrument :
 BNA_F
 ClientSampleID :
 N38129

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	123.0	184.6
115	61.8	49.5	74.3



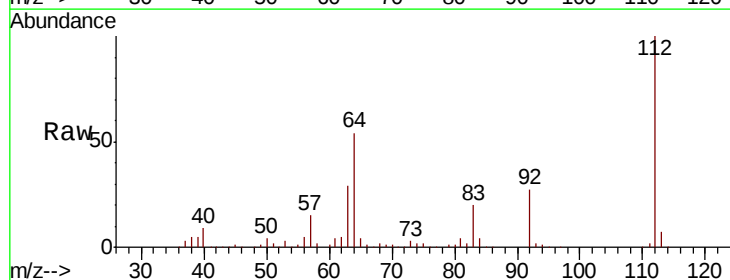
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



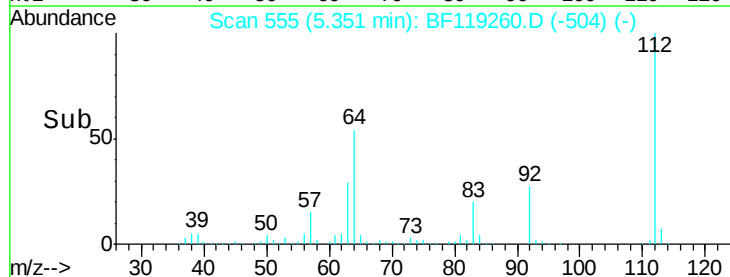
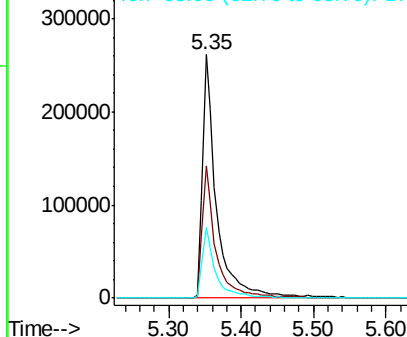
#5

2-Fluorophenol
 Concen: 59.418 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF119260.D
 Acq: 6 Mar 2020 20:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	45.0	67.4
63	29.0	24.2	36.4



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: 36.828 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119260.D

Acq: 6 Mar 2020 20:11

Instrument :

BNA_F

ClientSampleId :

N38129

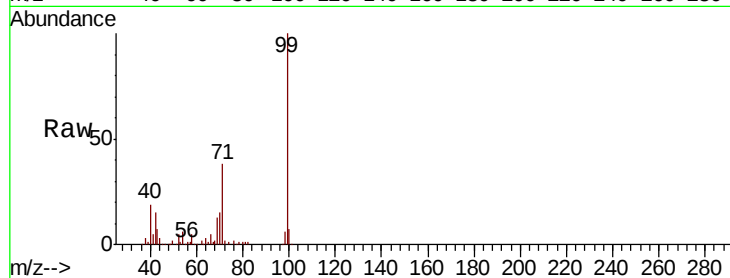
Tot Ion: 99 Resp: 265518

Ion Ratio Lower Upper

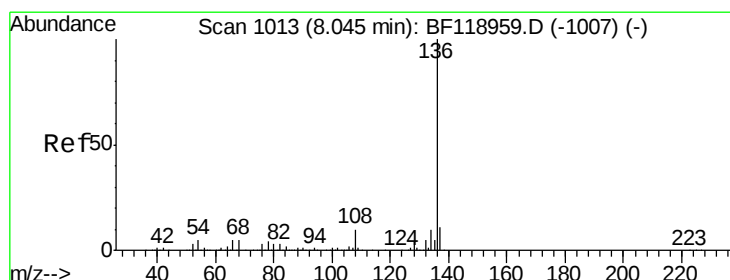
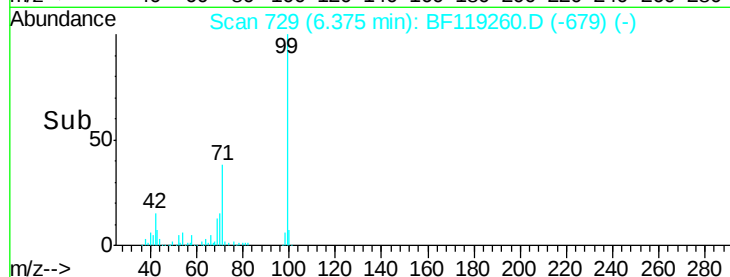
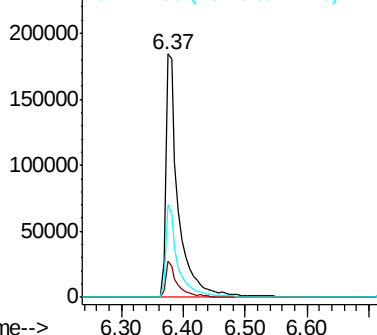
99 100

42 14.8 12.6 18.8

71 37.9 31.0 46.4



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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119260.D

Acq: 6 Mar 2020 20:11

Tgt Ion: 136 Resp: 383654

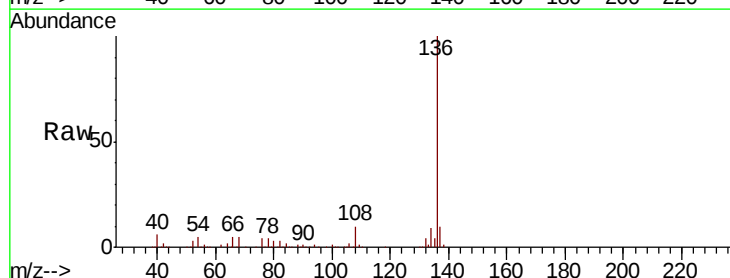
Ion Ratio Lower Upper

136 100

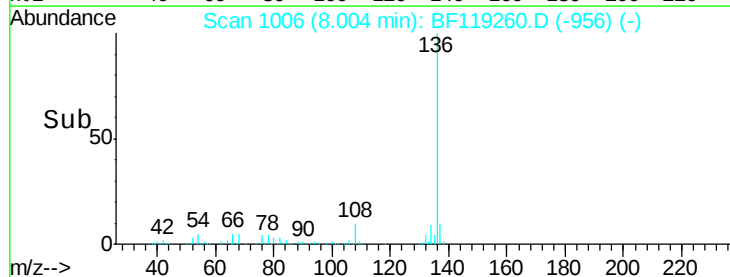
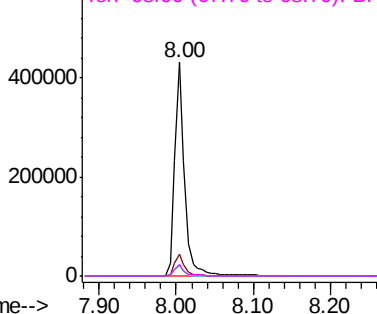
137 10.5 8.8 13.2

54 4.6 3.8 5.6

68 5.2 3.9 5.9



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

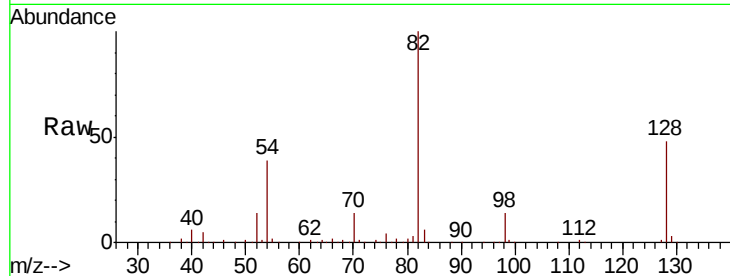




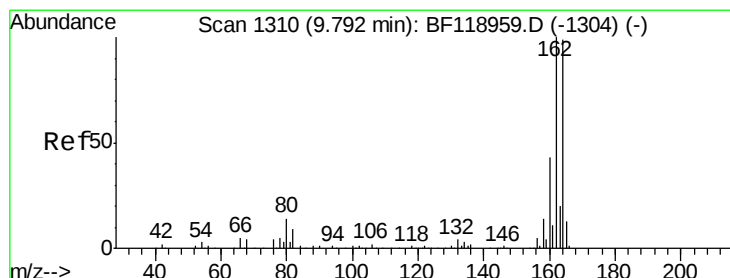
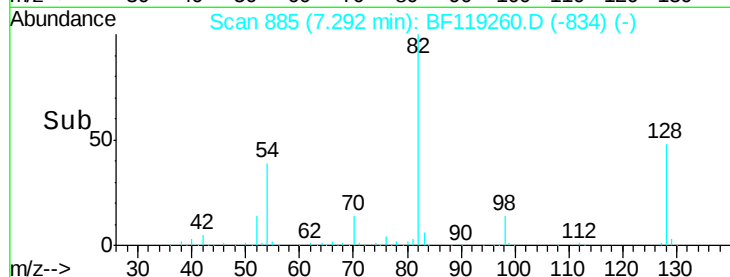
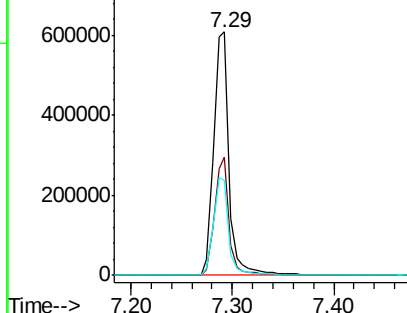
#23
Nitrobenzene-d5
Concen: 88.678 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119260.D
Acq: 6 Mar 2020 20:11

Instrument :
BNA_F
ClientSampleId :
N38129

Tot Ion: 82 Resp: 644351
Ion Ratio Lower Upper
82 100
128 48.4 37.9 56.9
54 38.9 33.4 50.2

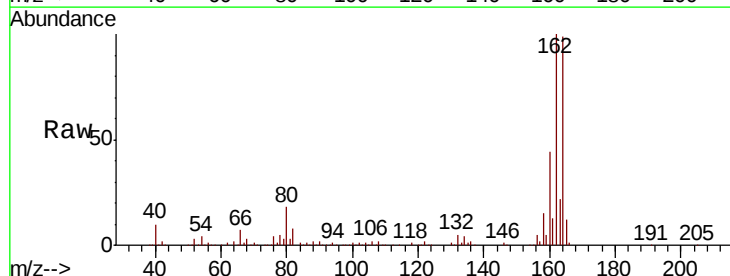


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

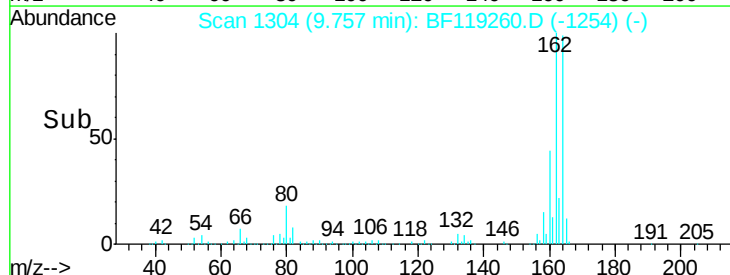
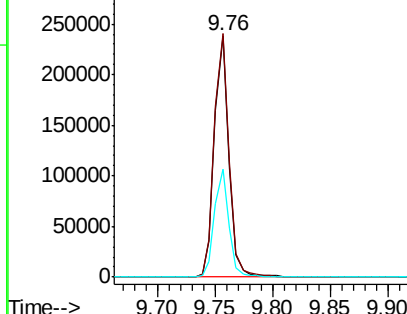


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119260.D
Acq: 6 Mar 2020 20:11

Tgt Ion:164 Resp: 208456
Ion Ratio Lower Upper
164 100
162 100.9 81.8 122.8
160 44.8 36.0 54.0



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: 138.005 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119260.D

Acq: 6 Mar 2020 20:11

Instrument :

BNA_F

ClientSampleId :

N38129

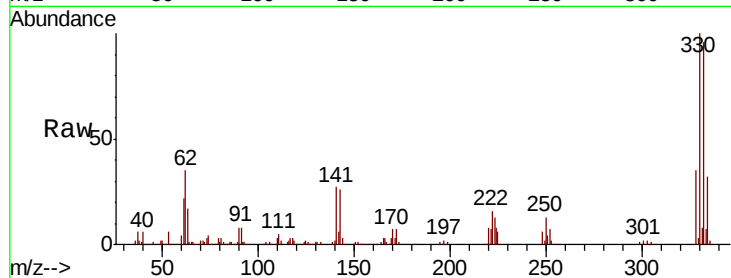
Tot Ion:330 Resp: 376333

Ion Ratio Lower Upper

330 100

332 97.1 76.0 114.0

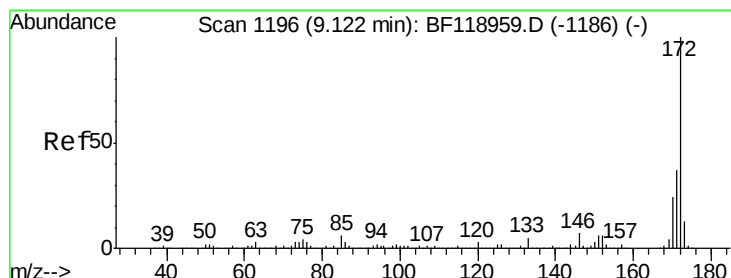
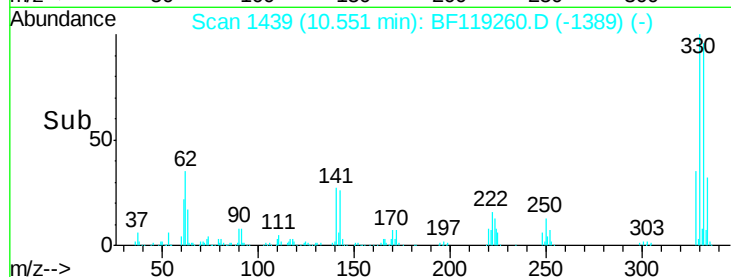
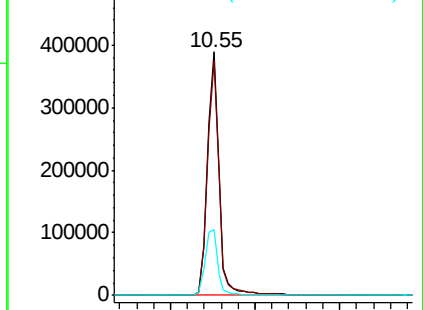
141 29.6 22.9 34.3



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: 92.161 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF119260.D

Acq: 6 Mar 2020 20:11

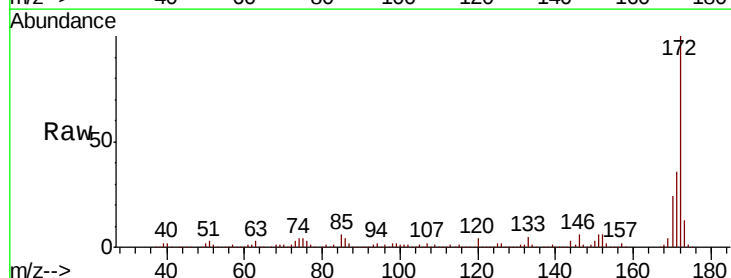
Tgt Ion:172 Resp: 1304086

Ion Ratio Lower Upper

172 100

171 35.8 30.6 45.8

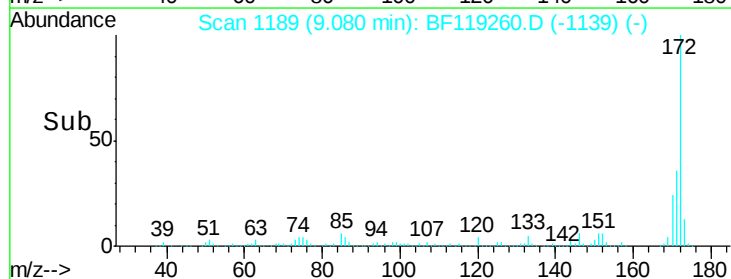
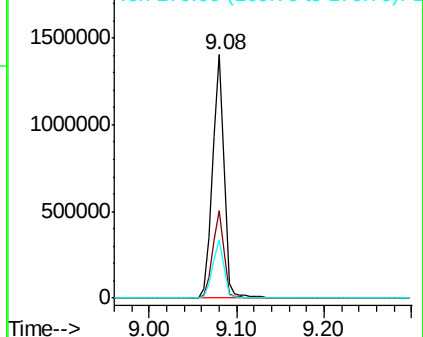
170 24.0 20.2 30.2



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: 3.023 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF119260.D

Acq: 6 Mar 2020 20:11

Instrument :

BNA_F

ClientSampleId :

N38129

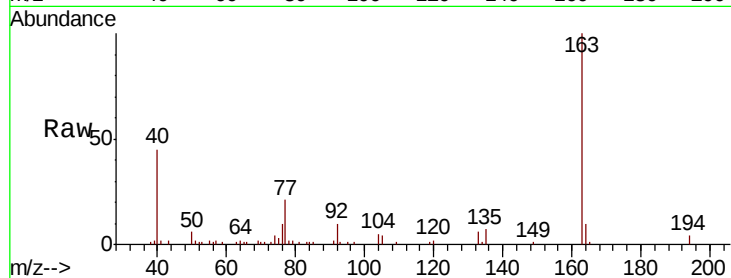
Tot Ion:163 Resp: 48187

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

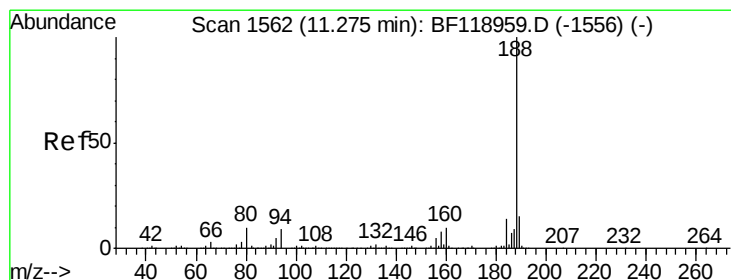
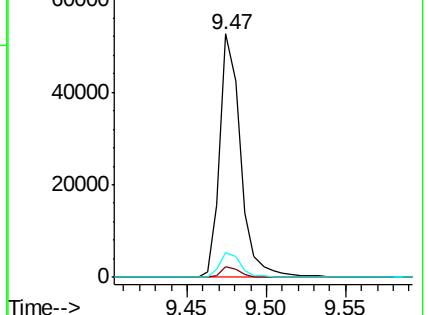
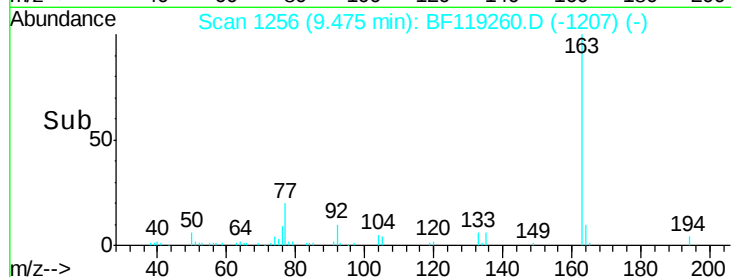
164 10.1 8.4 12.6



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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF119260.D

Acq: 6 Mar 2020 20:11

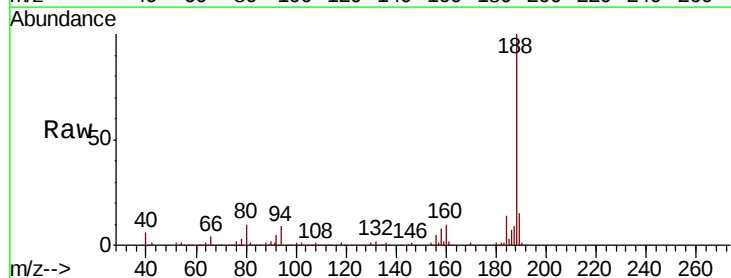
Tgt Ion:188 Resp: 388826

Ion Ratio Lower Upper

188 100

94 9.0 7.1 10.7

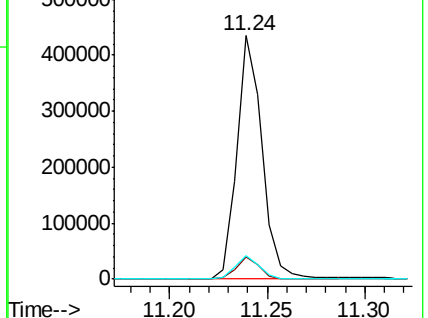
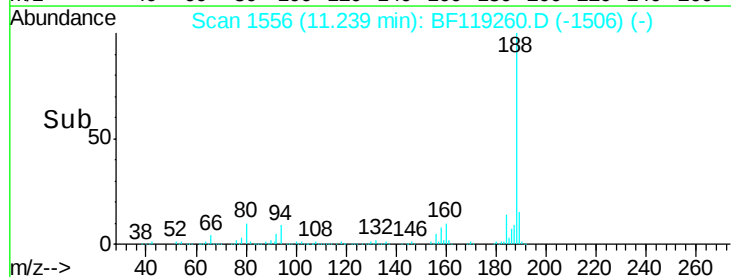
80 9.7 7.8 11.8

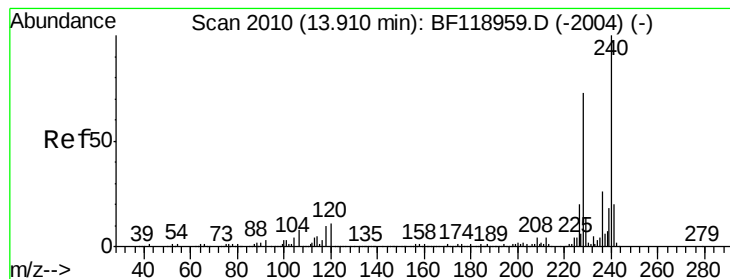


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119260.D

Acq: 6 Mar 2020 20:11

Instrument :

BNA_F

ClientSampleId :

N38129

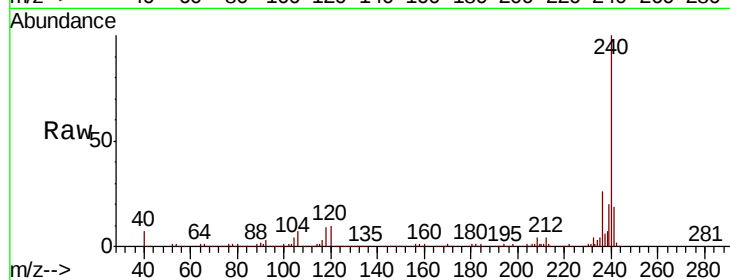
Tot Ion:240 Resp: 304937

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

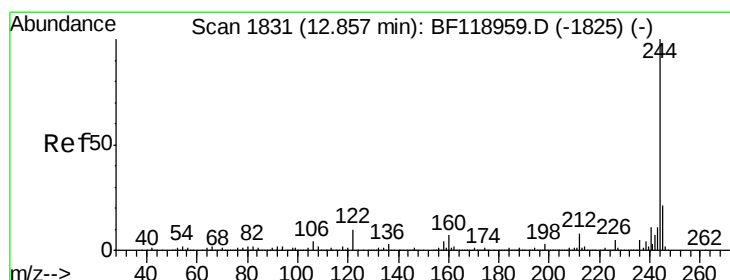
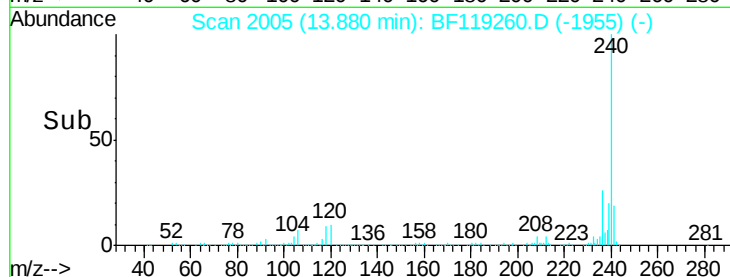
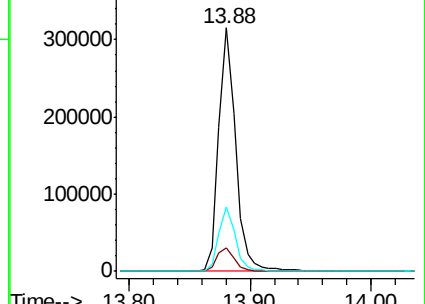
236 26.3 21.0 31.4



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: 81.320 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119260.D

Acq: 6 Mar 2020 20:11

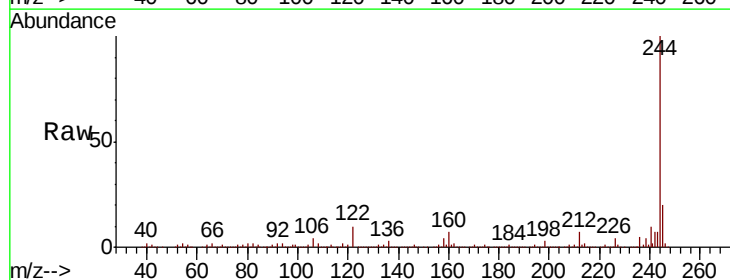
Tgt Ion:244 Resp: 1440316

Ion Ratio Lower Upper

244 100

212 7.4 6.6 10.0

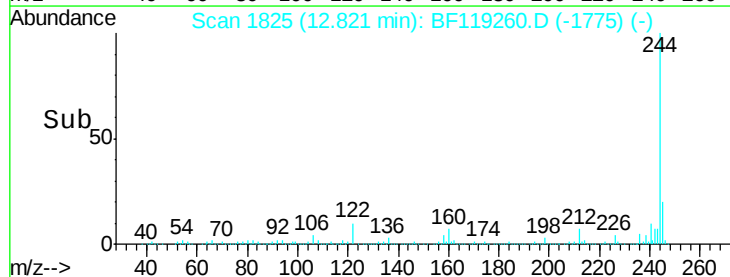
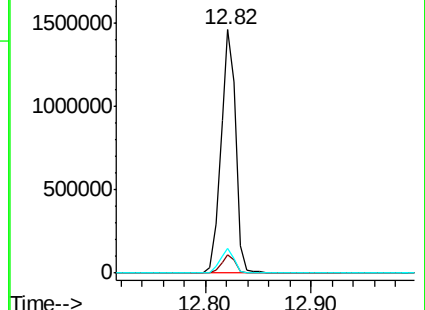
122 10.4 8.2 12.2

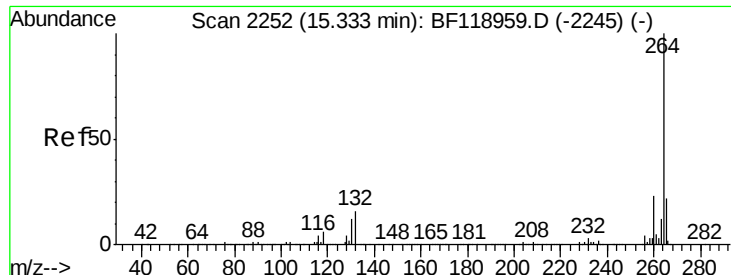


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

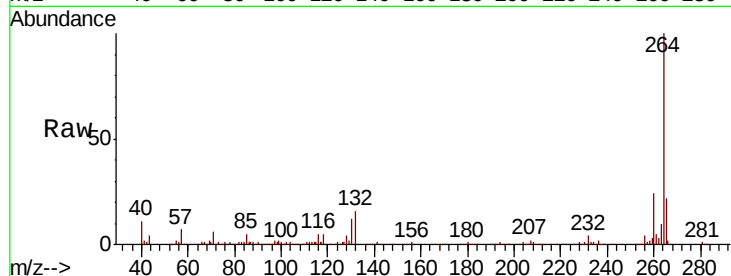




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF119260.D
 Acq: 6 Mar 2020 20:11

Instrument :
 BNA_F
 ClientSampleId :
 N38129

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.1	17.7	26.5



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

