

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119188.D
 Acq On : 4 Mar 2020 11:59
 Operator : CG/JU
 Sample : L1744-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Mar 04 13:26:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

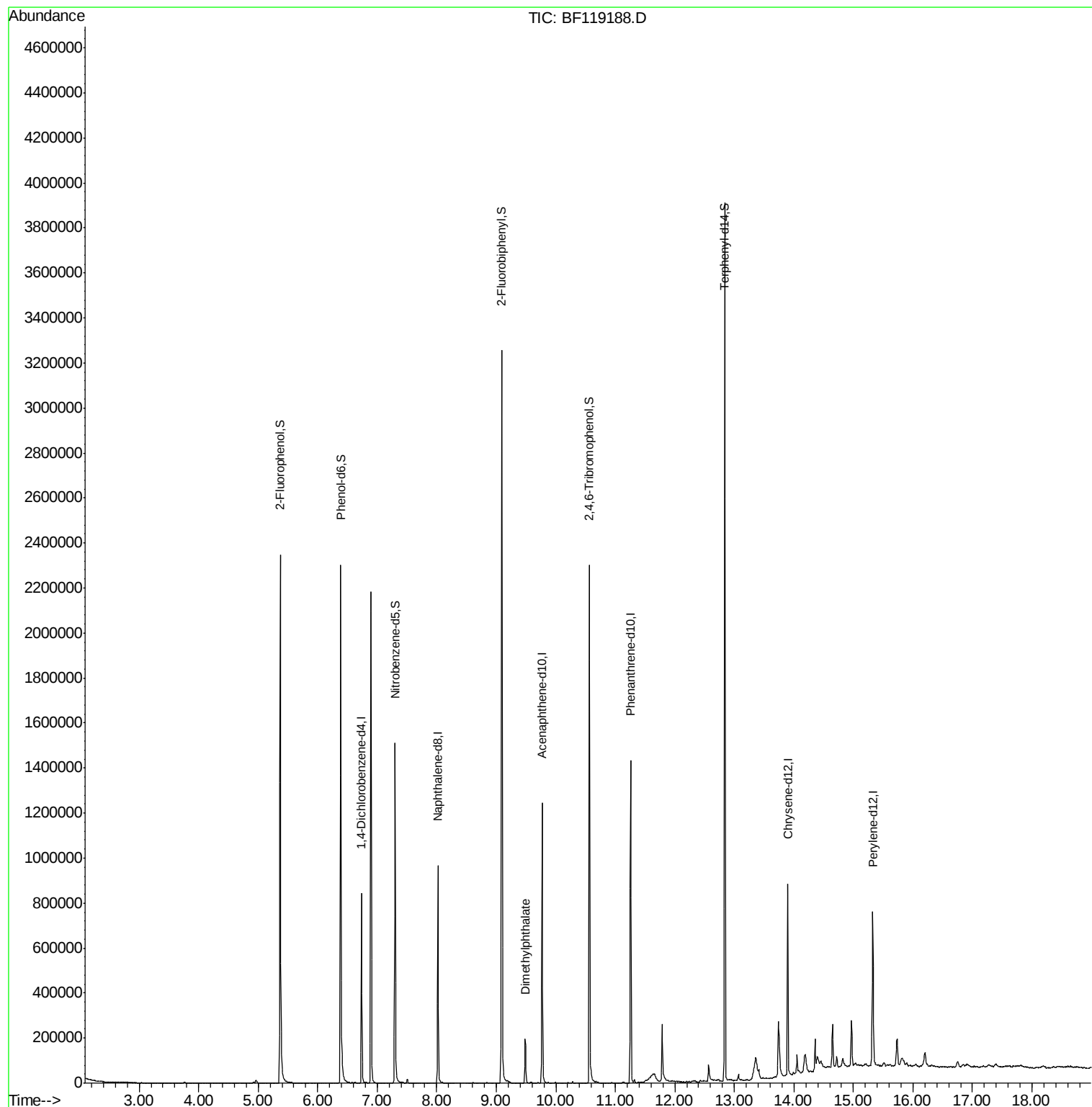
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	134729	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	516247	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	288264	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	525629	20.00	ng	0.00
76) Chrysene-d12	13.90	240	298185	20.00	ng	0.00
87) Perylene-d12	15.33	264	267193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	725865	90.04	ng	0.00
7) Phenol-d6	6.39	99	894596	91.24	ng	-0.02
23) Nitrobenzene-d5	7.30	82	590926	60.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	326479	86.58	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1196391	61.14	ng	-0.02
79) Terphenyl-d14	12.84	244	1385124	79.97	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.49	163	94469	4.286	ng	Qvalue 99

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

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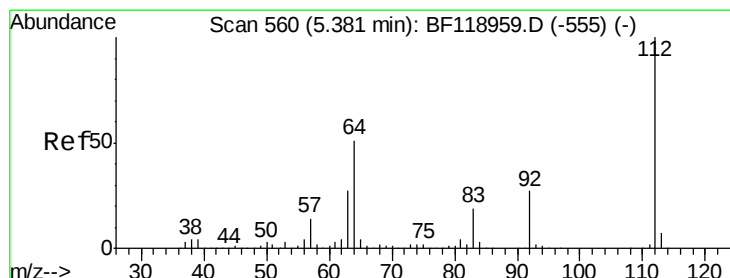
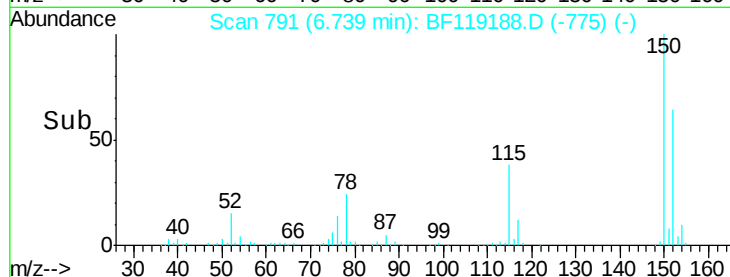
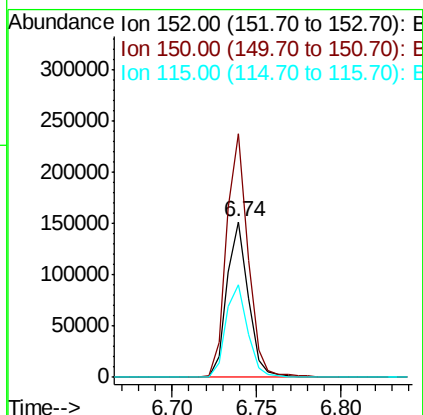
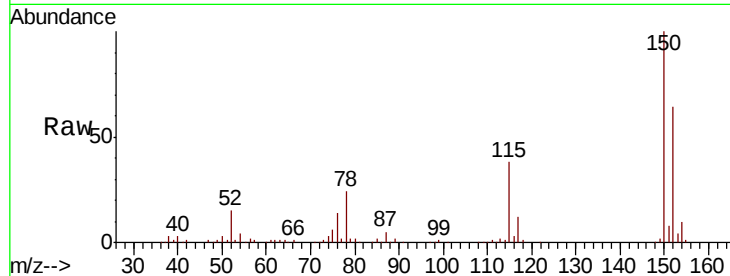


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119188.D
Acq: 4 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
TP-1

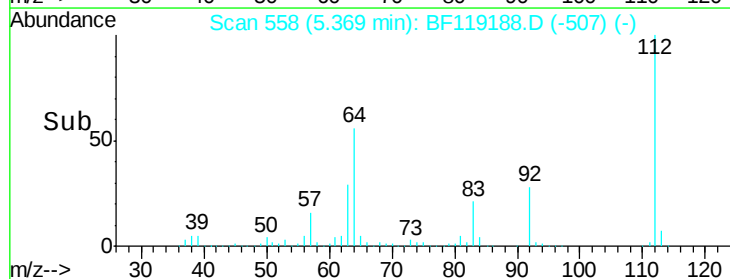
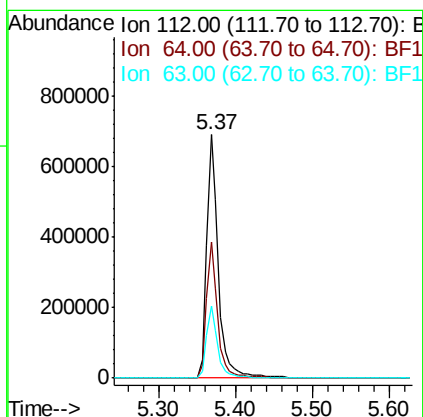
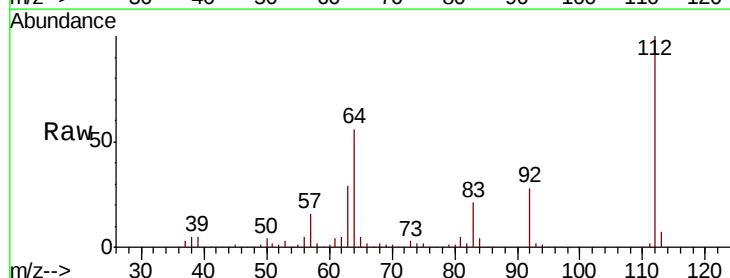
Tot Ion:152 Resp: 134729
Ion Ratio Lower Upper
152 100
150 156.1 123.0 184.6
115 59.0 49.5 74.3



#5

2-Fluorophenol
Concen: 90.036 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119188.D
Acq: 4 Mar 2020 11:59

Tgt Ion:112 Resp: 725865
Ion Ratio Lower Upper
112 100
64 55.7 45.0 67.4
63 29.5 24.2 36.4





#7

Phenol-d6

Concen: 91.241 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119188.D

Acq: 4 Mar 2020 11:59

Instrument :

BNA_F

ClientSampled :

TP-1

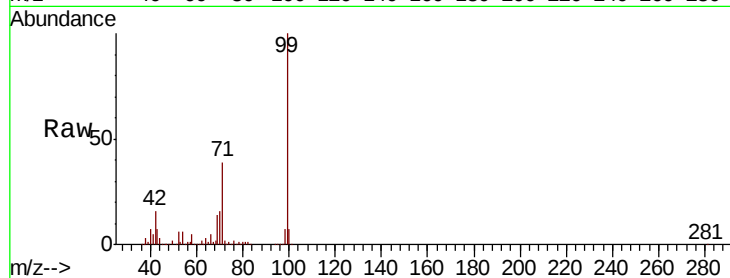
Tot Ion: 99 Resp: 894596

Ion Ratio Lower Upper

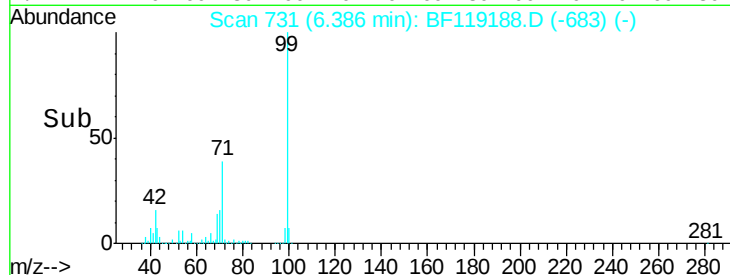
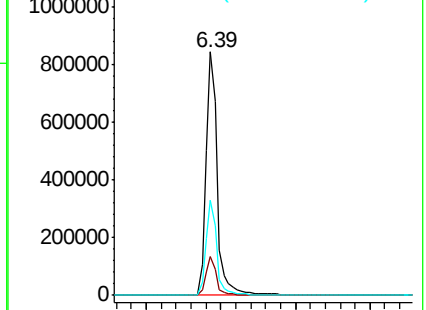
99 100

42 15.7 12.6 18.8

71 39.0 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: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119188.D

Acq: 4 Mar 2020 11:59

Tgt Ion: 136 Resp: 516247

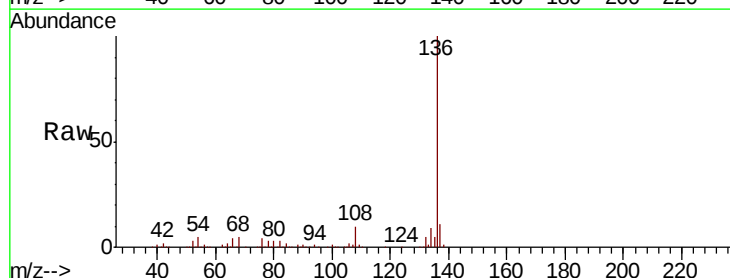
Ion Ratio Lower Upper

136 100

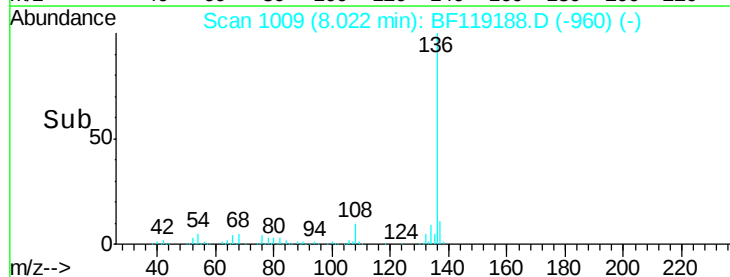
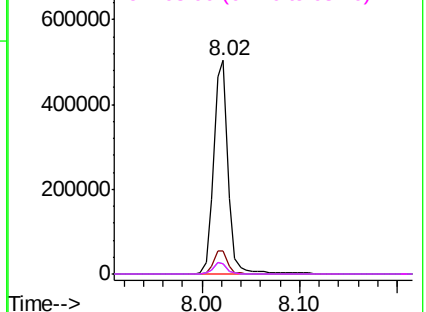
137 10.8 8.8 13.2

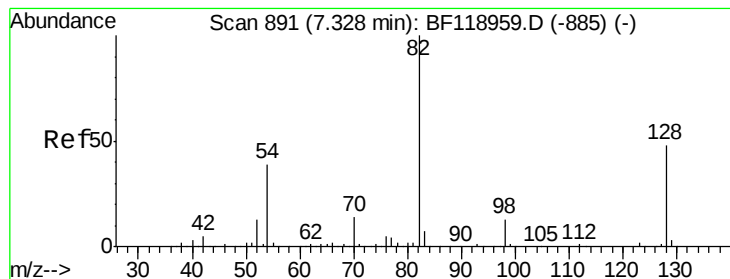
54 4.6 3.8 5.6

68 4.8 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: 60.438 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF119188.D

Acq: 4 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

TP-1

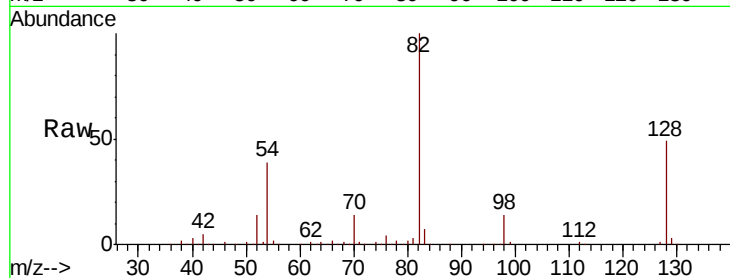
Tot Ion: 82 Resp: 590926

Ion Ratio Lower Upper

82 100

128 48.8 37.9 56.9

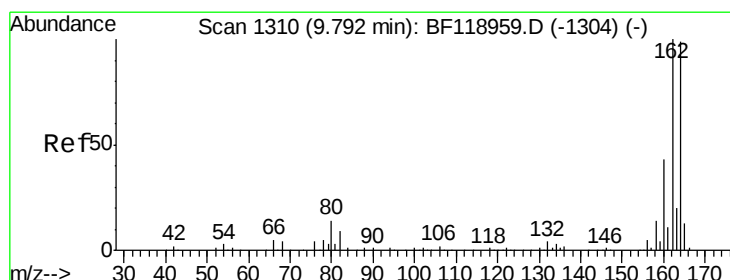
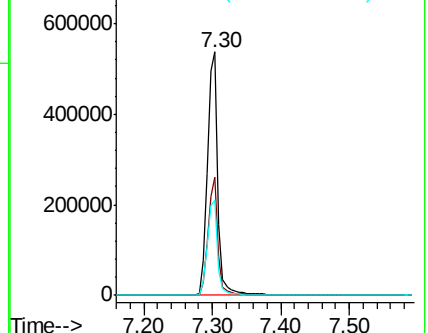
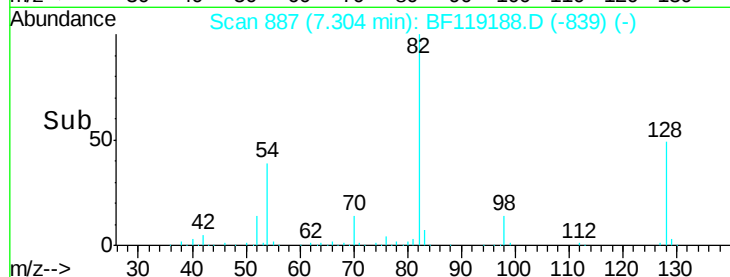
54 39.2 33.4 50.2



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: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119188.D

Acq: 4 Mar 2020 11:59

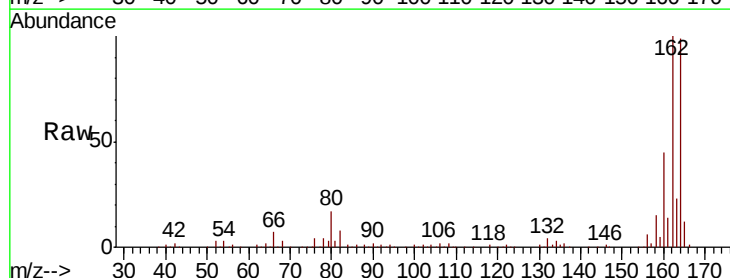
Tgt Ion:164 Resp: 288264

Ion Ratio Lower Upper

164 100

162 101.4 81.8 122.8

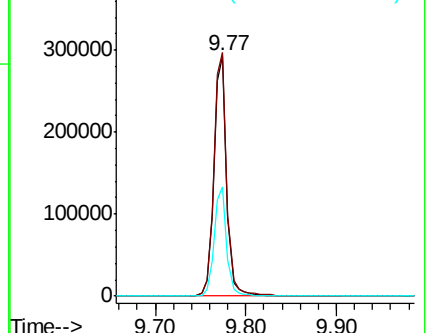
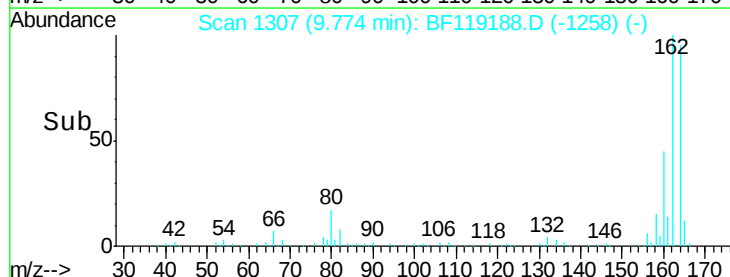
160 45.5 36.0 54.0



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

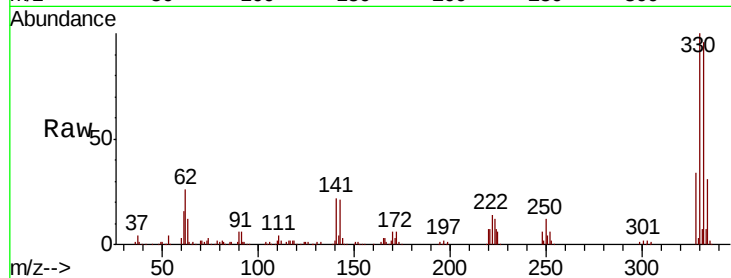




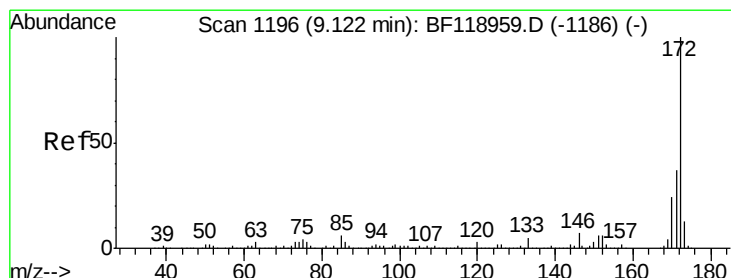
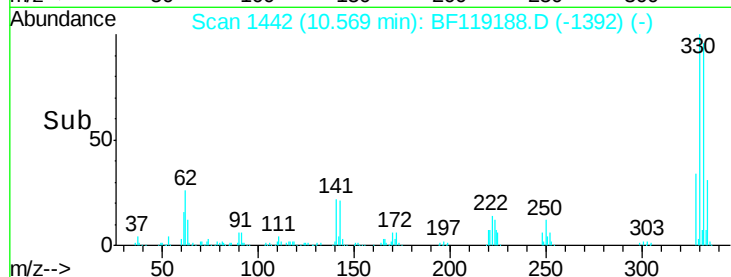
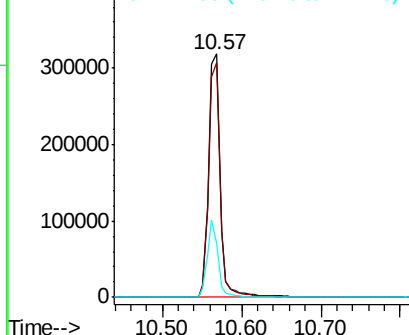
#42
 2,4,6-Tribromophenol
 Concen: 86.577 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119188.D
 Acq: 4 Mar 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion:330 Resp: 326479
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.0 114.0
 141 29.8 22.9 34.3

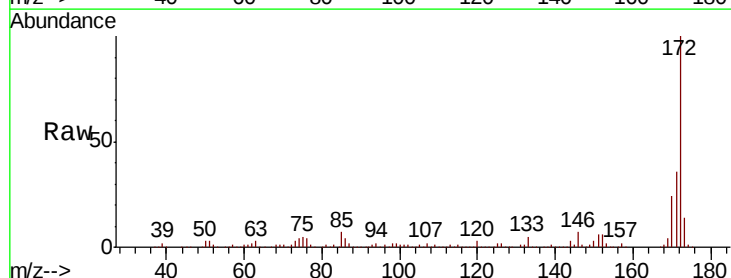


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

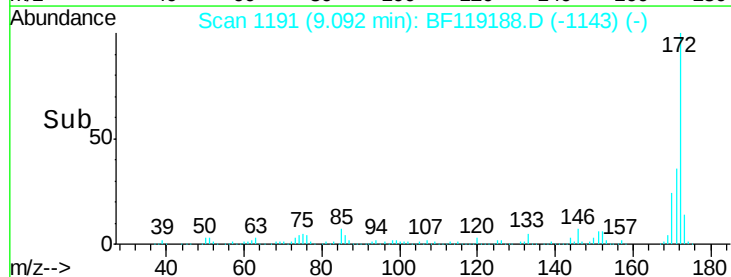
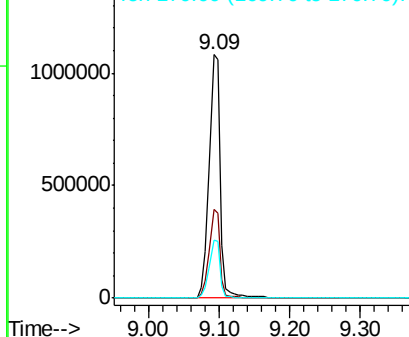


#45
 2-Fluorobiphenyl
 Concen: 61.142 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119188.D
 Acq: 4 Mar 2020 11:59

Tgt Ion:172 Resp: 1196391
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.6 45.8
 170 23.8 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: 4.286 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BF119188.D

Acq: 4 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

TP-1

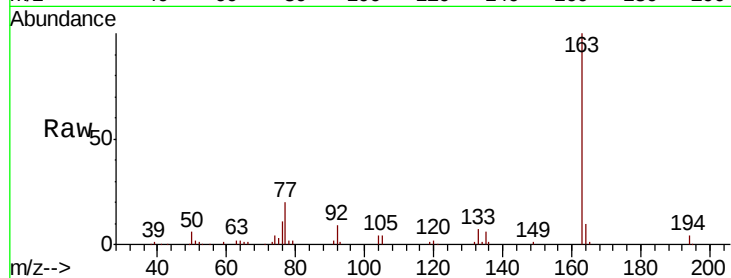
Tot Ion:163 Resp: 94469

Ion Ratio Lower Upper

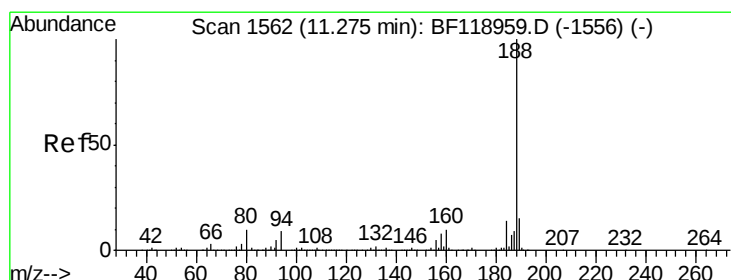
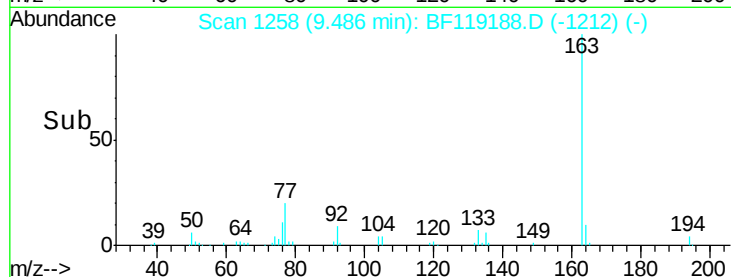
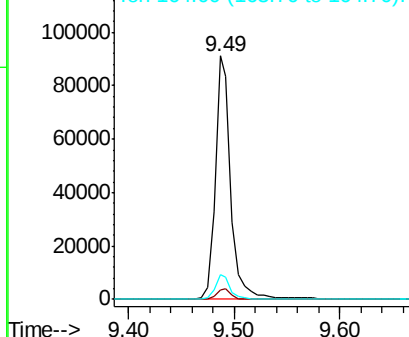
163 100

194 3.9 3.5 5.3

164 10.2 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: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF119188.D

Acq: 4 Mar 2020 11:59

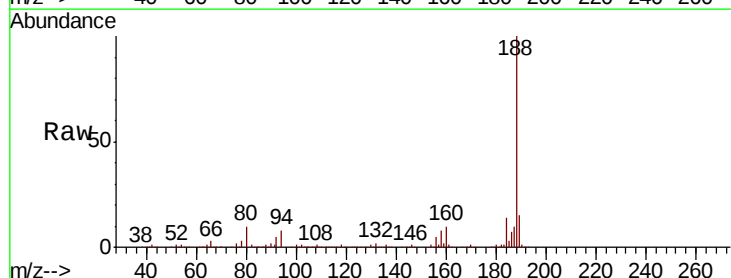
Tgt Ion:188 Resp: 525629

Ion Ratio Lower Upper

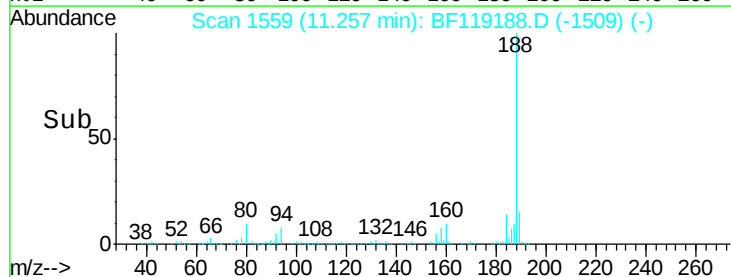
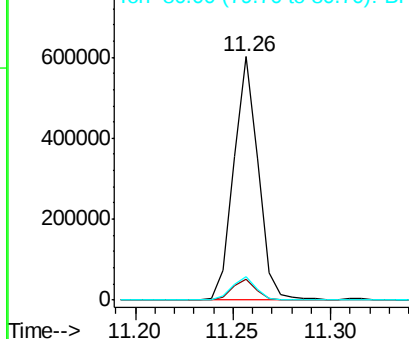
188 100

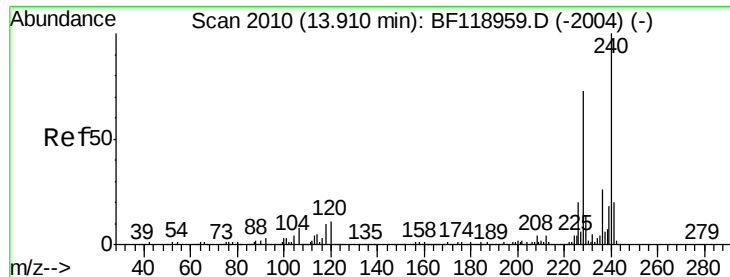
94 8.4 7.1 10.7

80 9.6 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: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119188.D

Acq: 4 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

TP-1

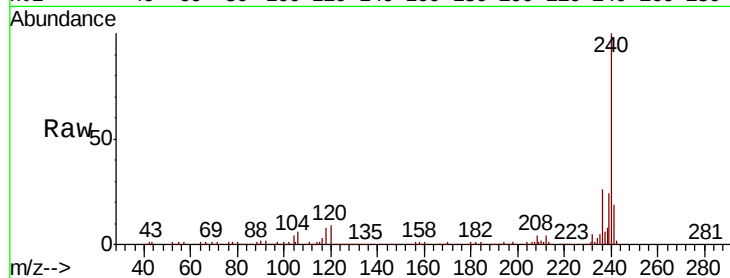
Tot Ion:240 Resp: 298185

Ion Ratio Lower Upper

240 100

120 8.7 8.4 12.6

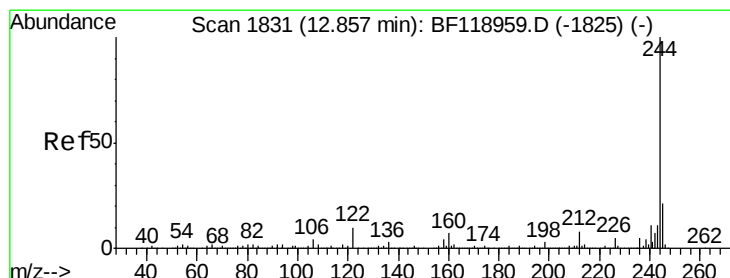
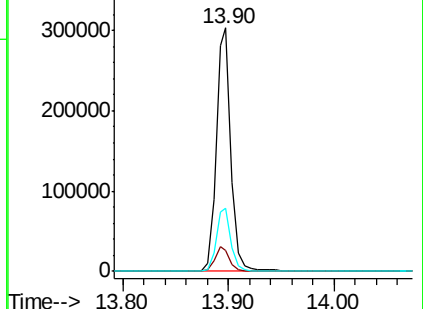
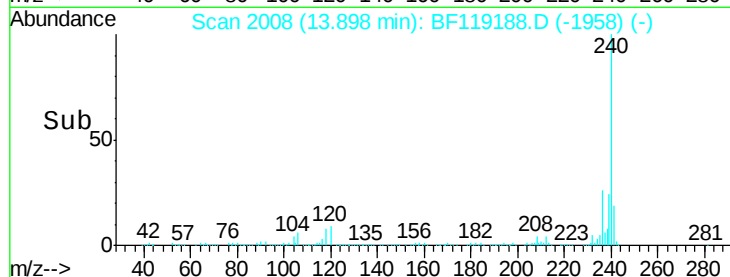
236 26.0 21.0 31.4



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: 79.975 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119188.D

Acq: 4 Mar 2020 11:59

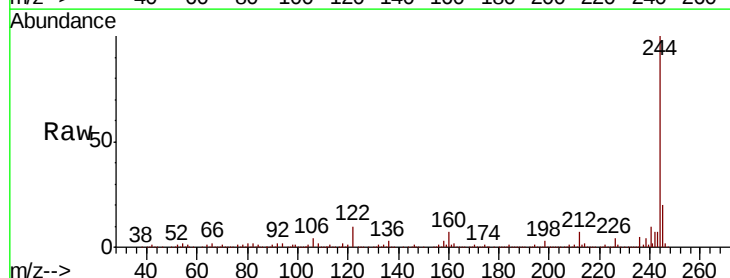
Tgt Ion:244 Resp: 1385124

Ion Ratio Lower Upper

244 100

212 7.4 6.6 10.0

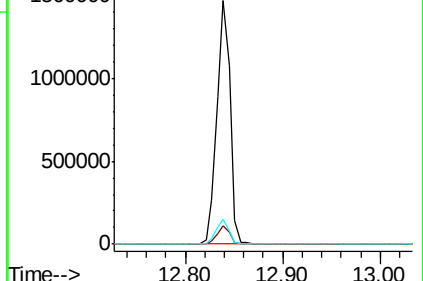
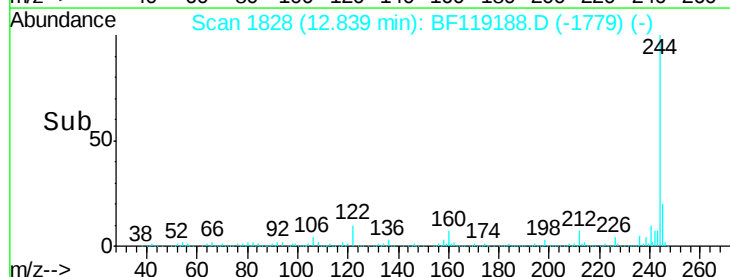
122 10.4 8.2 12.2

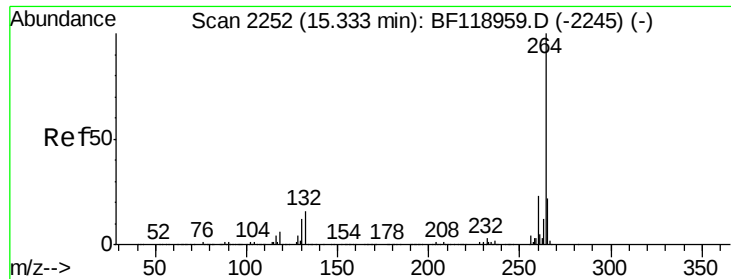


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119188.D
Acq: 4 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
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Tot Ion: 264 Resp: 267193

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.7	17.7	26.5

