

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119392.D
 Acq On : 12 Mar 2020 21:00
 Operator : CG/JU
 Sample : L1852-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S

Quant Time: Mar 13 11:17:11 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

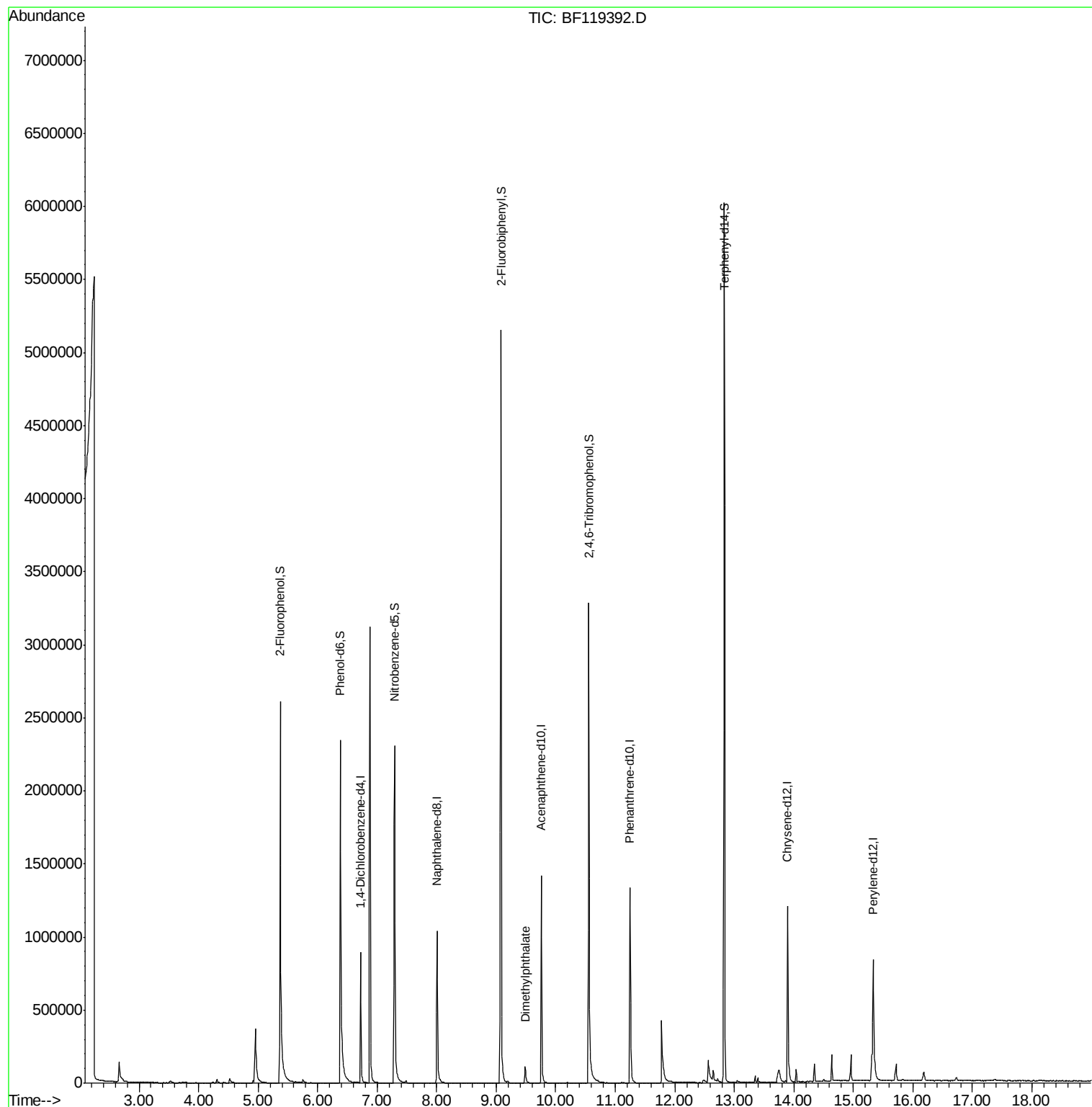
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147097	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	572585	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	321248	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	623601	20.00	ng	0.00
76) Chrysene-d12	13.89	240	505480	20.00	ng	0.00
87) Perylene-d12	15.33	264	516944	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1019089	115.78	ng	0.02
7) Phenol-d6	6.38	99	1131277	105.68	ng	0.00
23) Nitrobenzene-d5	7.29	82	921877	85.01	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	535564	127.44	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1782794	81.75	ng	0.00
79) Terphenyl-d14	12.83	244	2413224	82.19	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	68747	2.799	ng	Qvalue 99

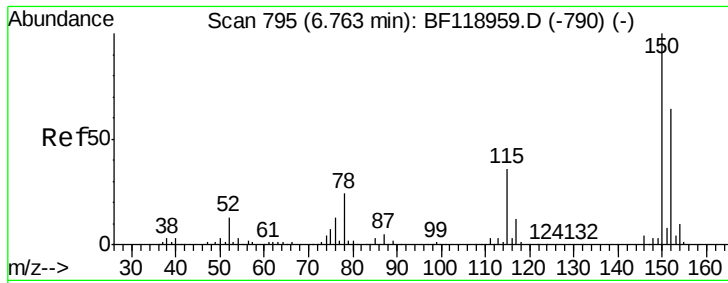
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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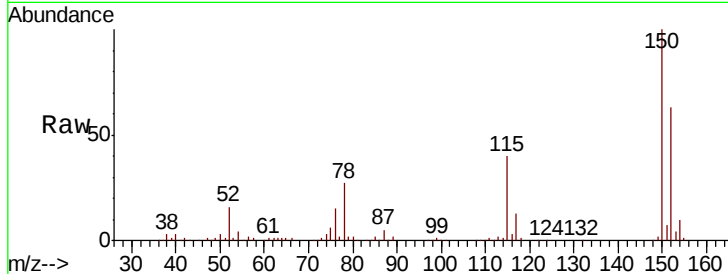


#1

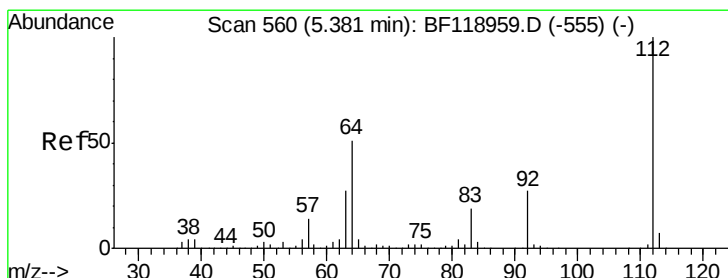
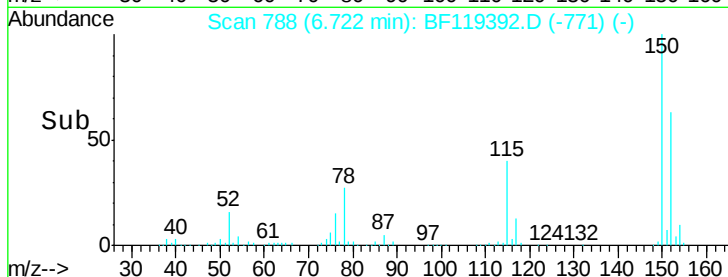
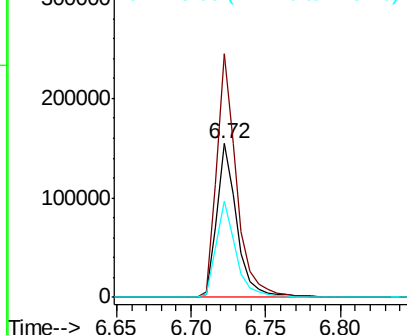
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119392.D
Acq: 12 Mar 2020 21:00

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tot Ion:152 Resp: 147097
Ion Ratio Lower Upper
152 100
150 158.2 123.0 184.6
115 62.5 49.5 74.3



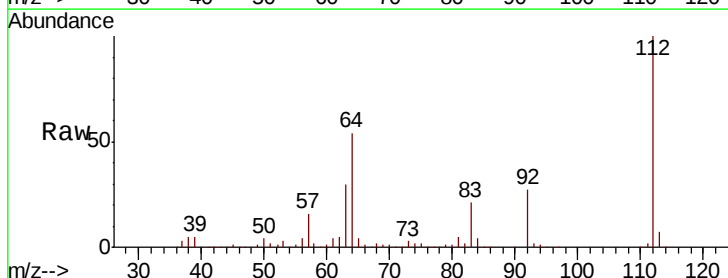
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



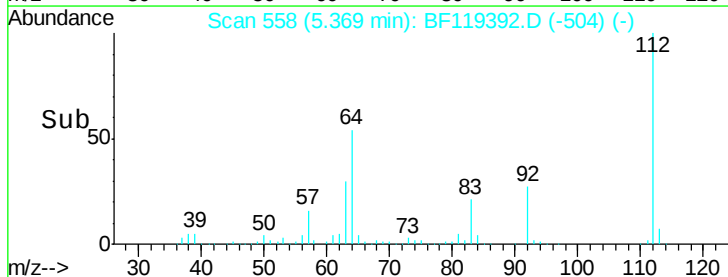
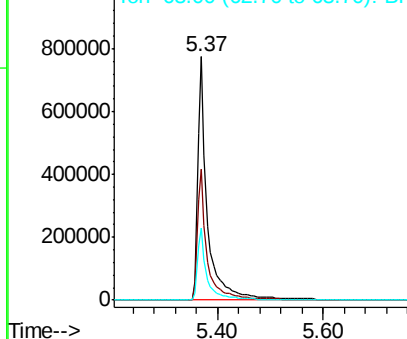
#5

2-Fluorophenol
Concen: 115.779 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119392.D
Acq: 12 Mar 2020 21:00

Tgt Ion:112 Resp: 1019089
Ion Ratio Lower Upper
112 100
64 53.9 45.0 67.4
63 29.6 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: 105.679 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119392.D

Acq: 12 Mar 2020 21:00

Instrument :

BNA_F

ClientSampled :

TP-3-S

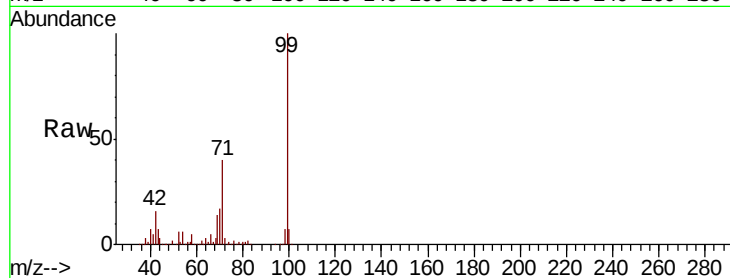
Tot Ion: 99 Resp: 1131277

Ion Ratio Lower Upper

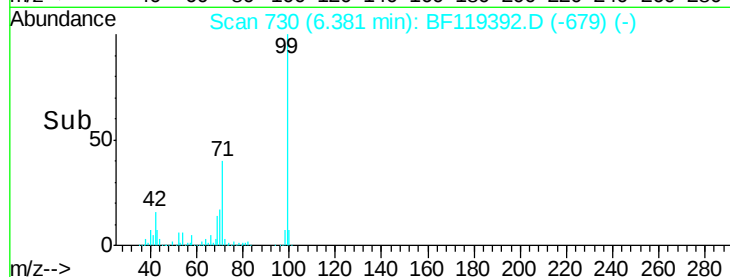
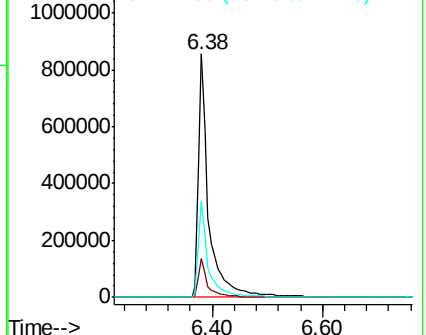
99 100

42 15.8 12.6 18.8

71 39.7 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: BF119392.D

Acq: 12 Mar 2020 21:00

Tgt Ion: 136 Resp: 572585

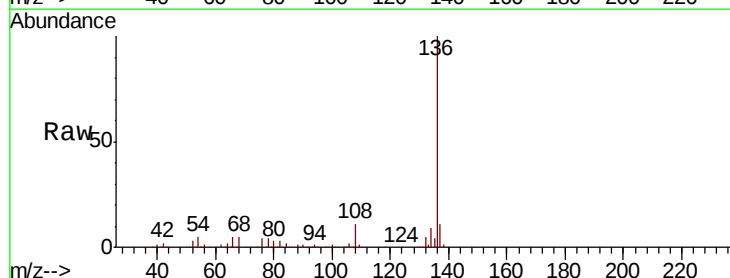
Ion Ratio Lower Upper

136 100

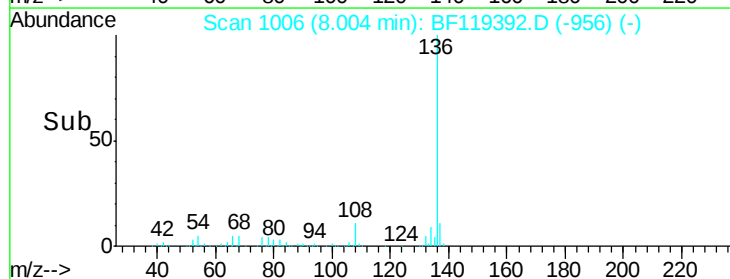
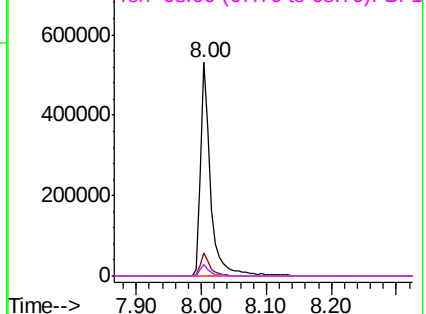
137 10.8 8.8 13.2

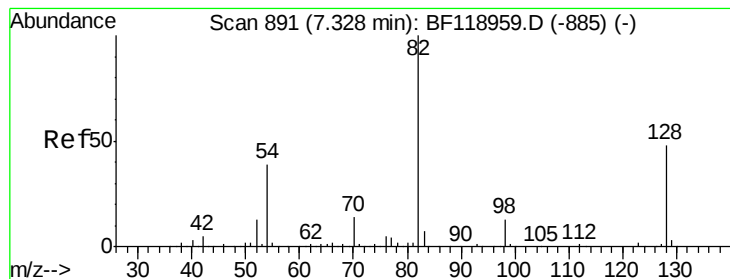
54 5.1 3.8 5.6

68 5.4 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: 85.009 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119392.D

Acq: 12 Mar 2020 21:00

Instrument :

BNA_F

ClientSampleId :

TP-3-S

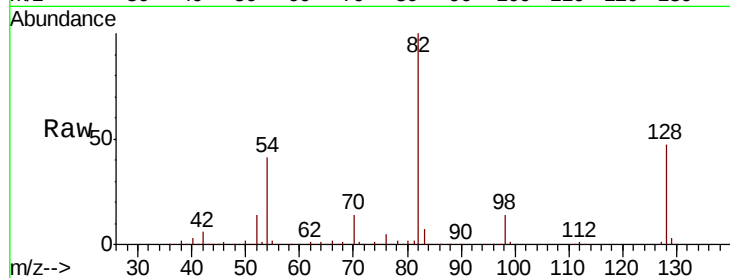
Tot Ion: 82 Resp: 921877

Ion Ratio Lower Upper

82 100

128 46.6 37.9 56.9

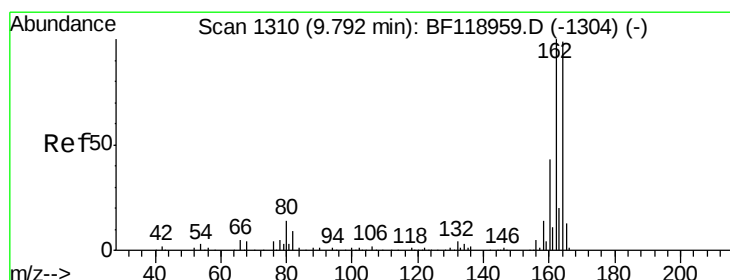
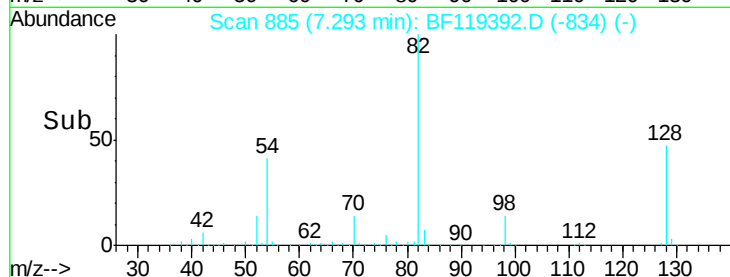
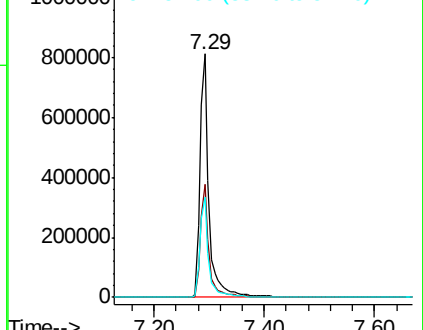
54 41.2 33.4 50.2



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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119392.D

Acq: 12 Mar 2020 21:00

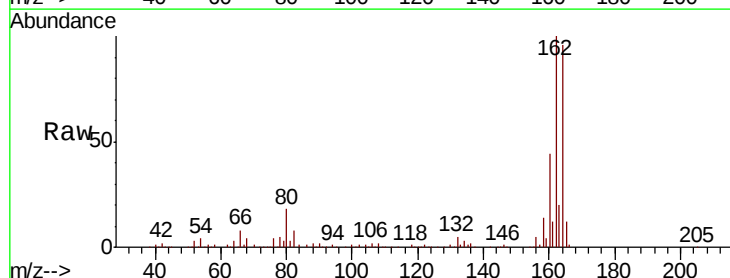
Tgt Ion:164 Resp: 321248

Ion Ratio Lower Upper

164 100

162 103.9 81.8 122.8

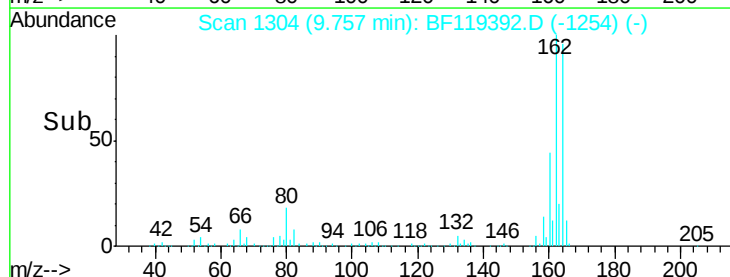
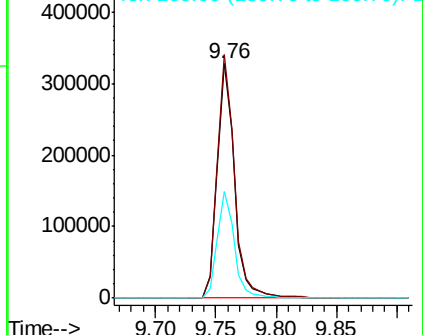
160 45.6 36.0 54.0



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

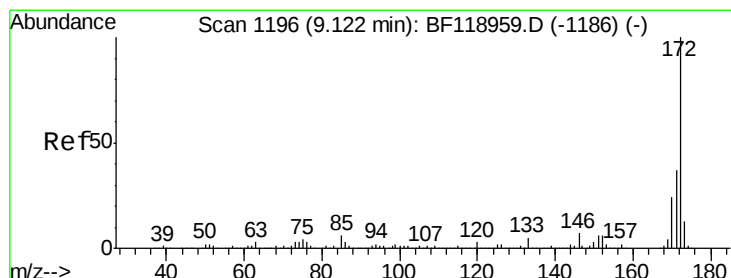
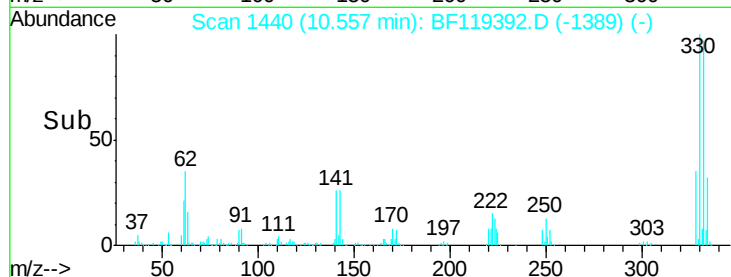
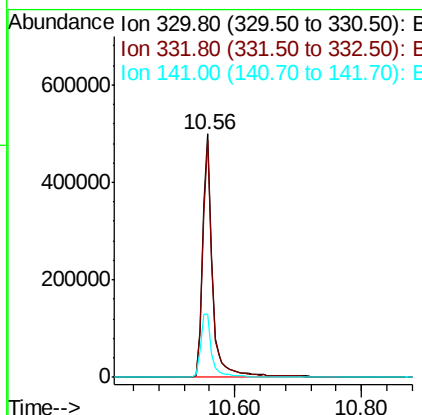
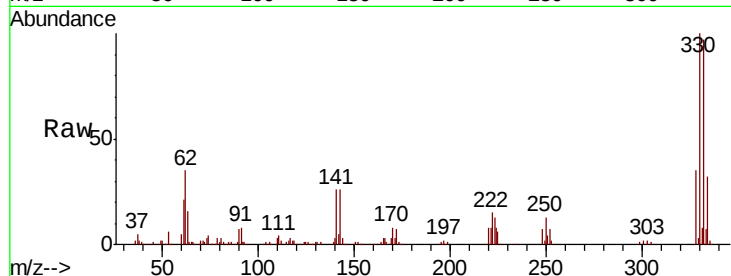




#42
 2,4,6-Tribromophenol
 Concen: 127.440 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119392.D
 Acq: 12 Mar 2020 21:00

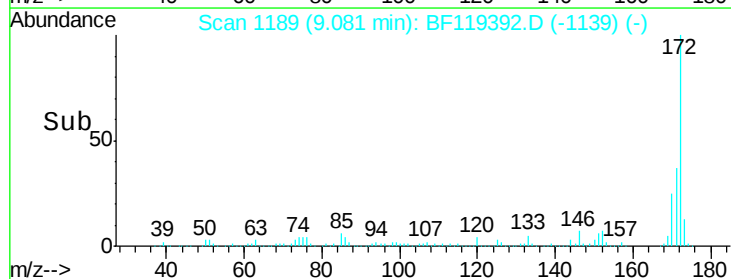
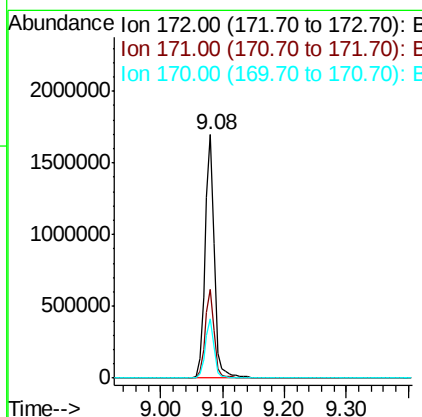
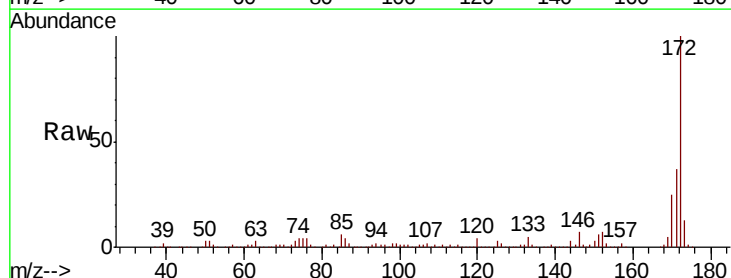
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S

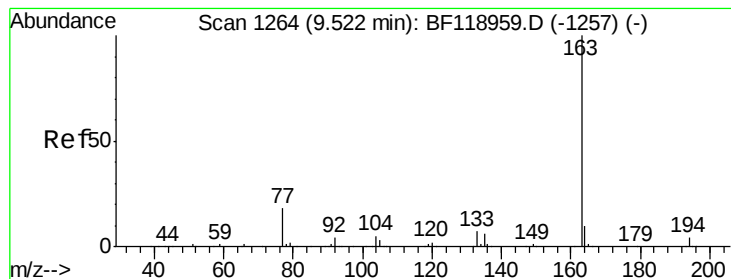
Tot Ion:330 Resp: 535564
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.0 114.0
 141 29.7 22.9 34.3



#45
 2-Fluorobiphenyl
 Concen: 81.755 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119392.D
 Acq: 12 Mar 2020 21:00

Tgt Ion:172 Resp: 1782794
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.6 45.8
 170 24.5 20.2 30.2





#50

Dimethylphthalate

Concen: 2.799 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119392.D

Acq: 12 Mar 2020 21:00

Instrument :

BNA_F

ClientSampled :

TP-3-S

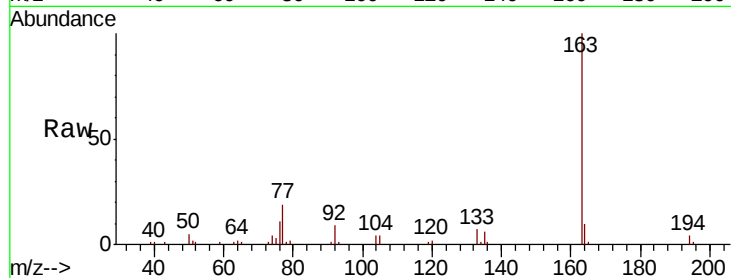
Tot Ion:163 Resp: 68747

Ion Ratio Lower Upper

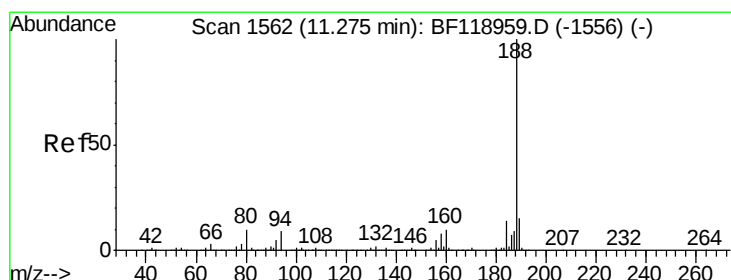
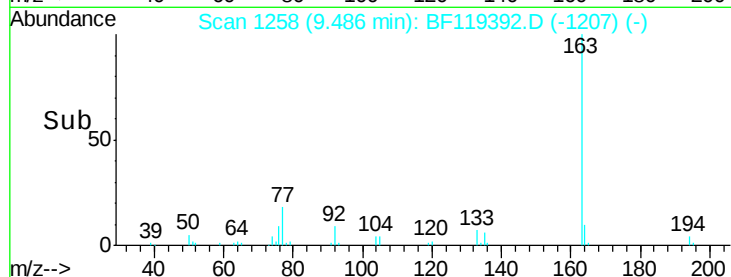
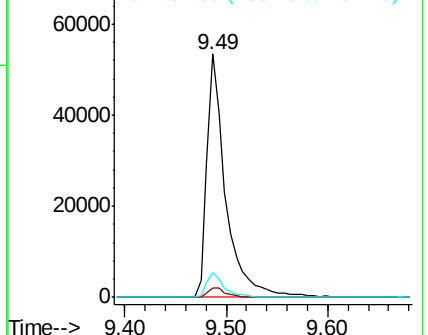
163 100

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: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF119392.D

Acq: 12 Mar 2020 21:00

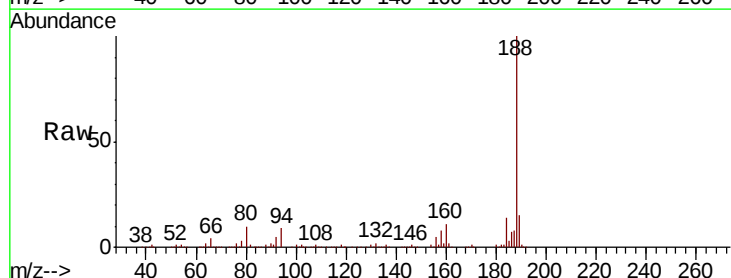
Tgt Ion:188 Resp: 623601

Ion Ratio Lower Upper

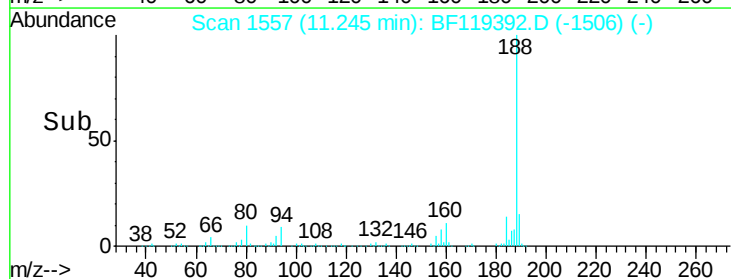
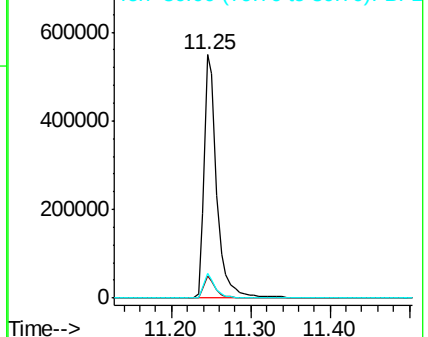
188 100

94 9.1 7.1 10.7

80 10.2 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: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF119392.D

Acq: 12 Mar 2020 21:00

Instrument :

BNA_F

ClientSampleID :

TP-3-S

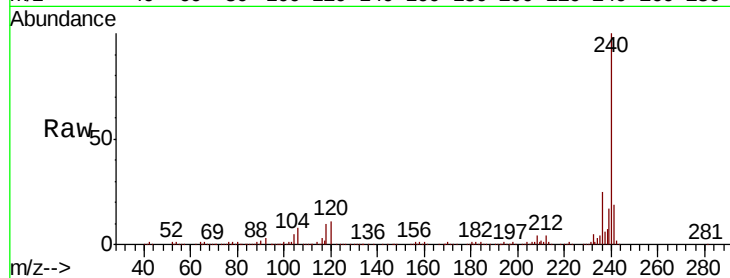
Tot Ion:240 Resp: 505480

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

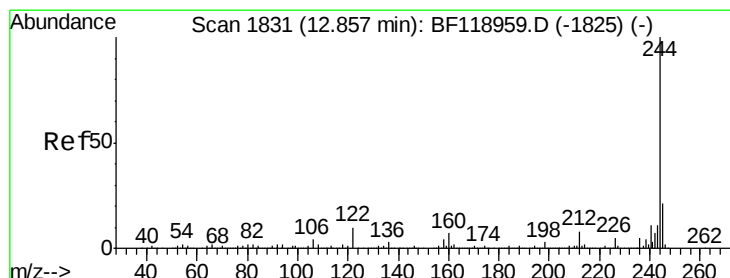
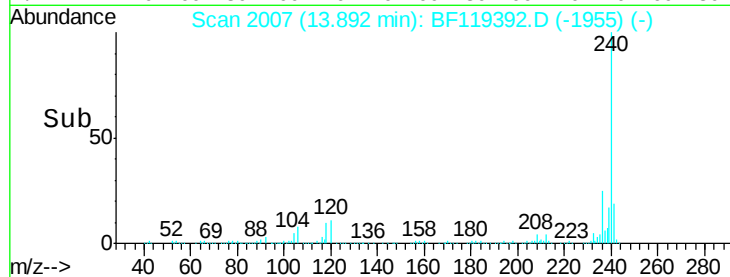
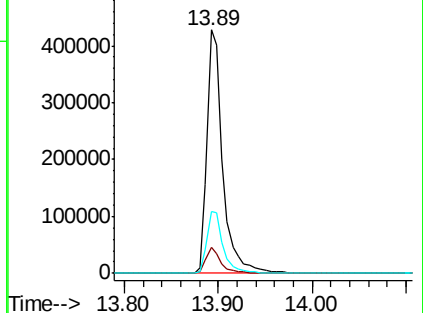
236 25.3 21.0 31.4



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: 82.195 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119392.D

Acq: 12 Mar 2020 21:00

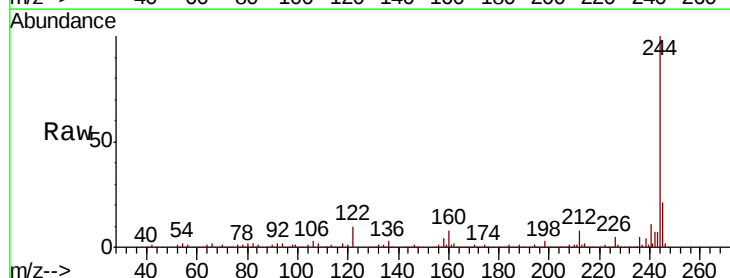
Tgt Ion:244 Resp: 2413224

Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

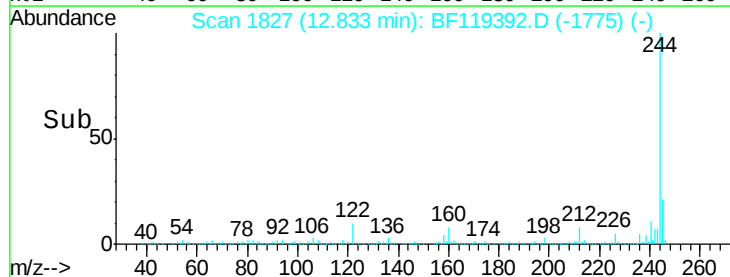
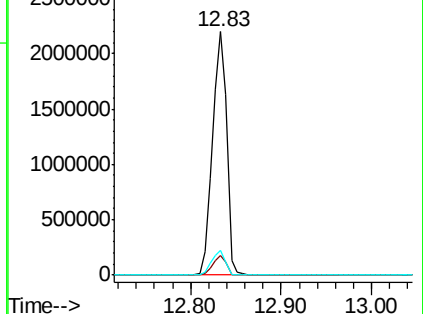
122 9.9 8.2 12.2

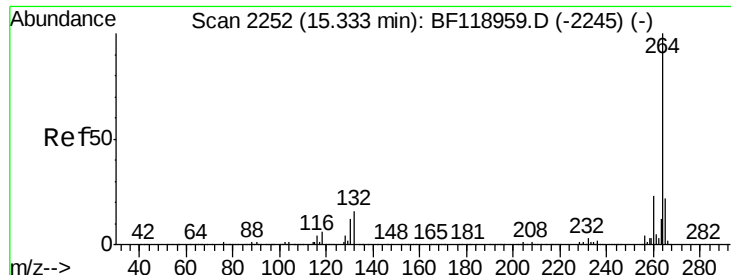


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

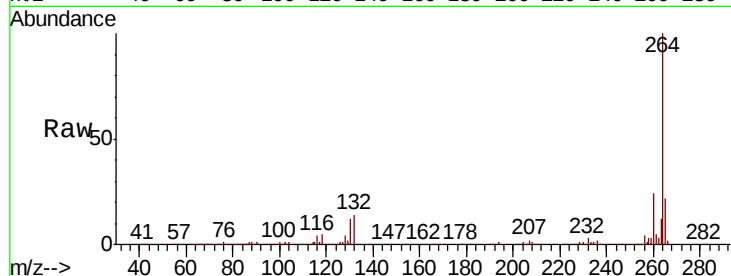




#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF119392.D
Acq: 12 Mar 2020 21:00

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tot Ion:264 Resp: 516944
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 21.7 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

