

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
 Data File : BF121249.D
 Acq On : 11 Aug 2020 19:53
 Operator : JU/CG
 Sample : L3624-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-TP-3

Quant Time: Aug 12 10:58:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	141960	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	561465	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	295911	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	599392	20.00	ng	0.00
76) Chrysene-d12	13.96	240	529802	20.00	ng	0.00
86) Perylene-d12	15.42	264	454474	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	833393	96.24	ng	0.00
7) Phenol-d6	6.43	99	934796	83.57	ng	-0.01
23) Nitrobenzene-d5	7.36	82	757085	78.02	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	361810	111.70	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1356285	68.43	ng	0.00
79) Terphenyl-d14	12.91	244	1459156	59.87	ng	0.00

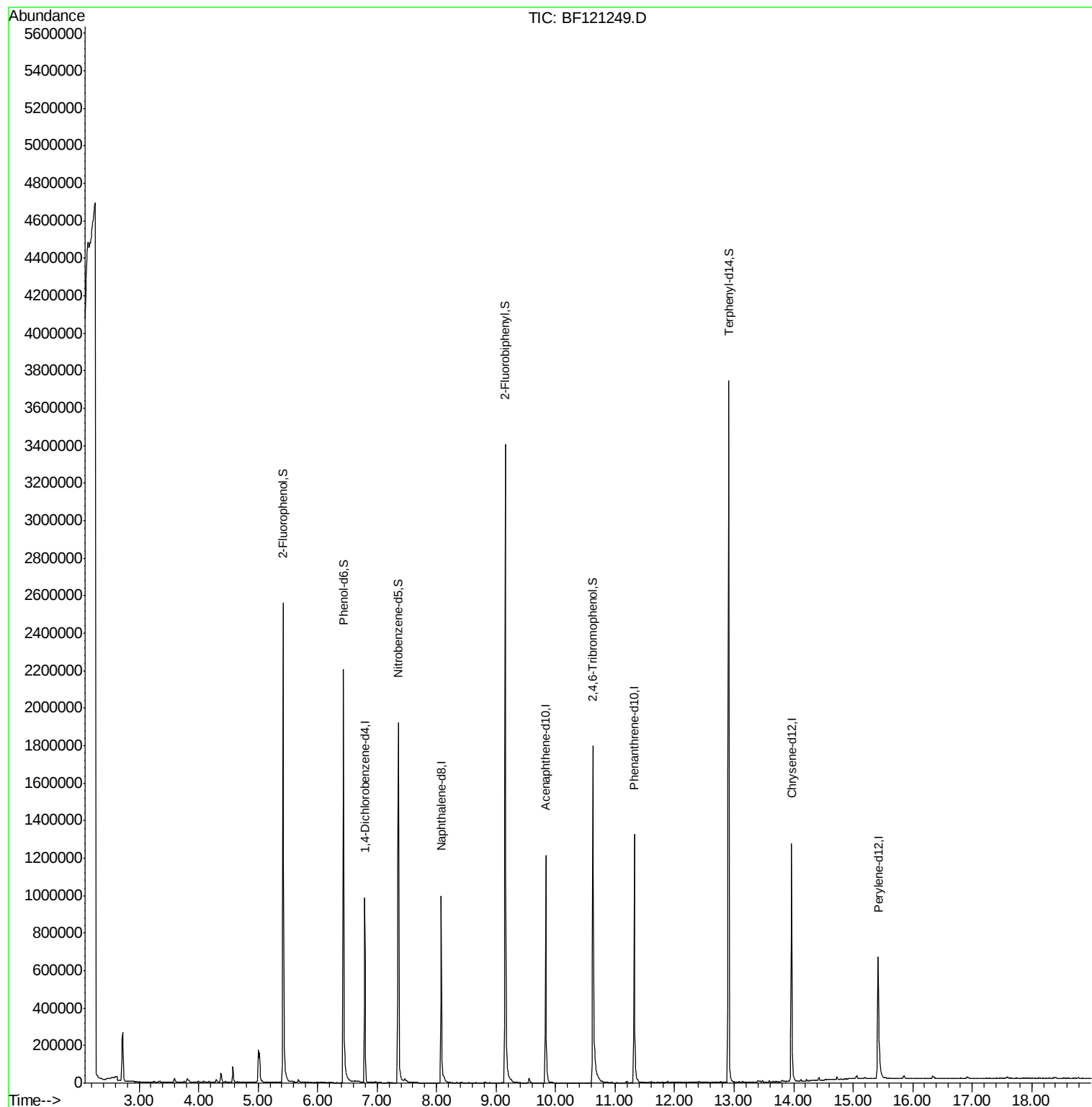
Target Compounds Qvalue

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

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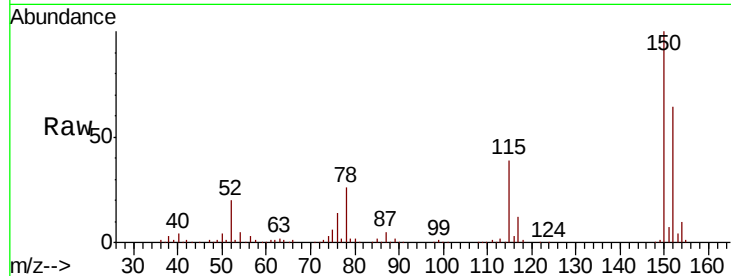


#1

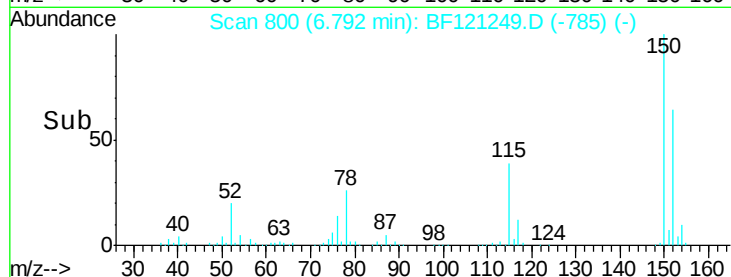
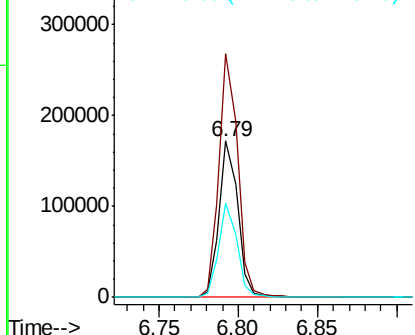
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121249.D
Acq: 11 Aug 2020 19:53

Instrument :
BNA_F
ClientSampleId :
SS-TP-3

Tot Ion:152 Resp: 141960
Ion Ratio Lower Upper
152 100
150 155.7 125.6 188.4
115 60.2 46.2 69.2



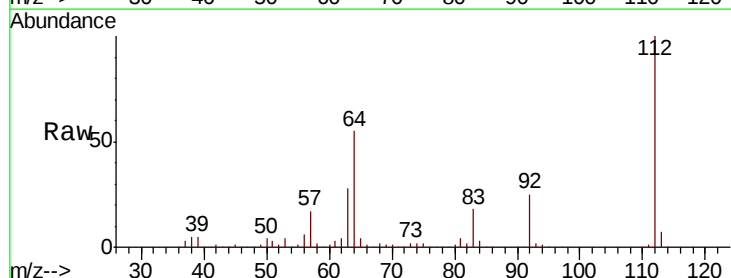
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



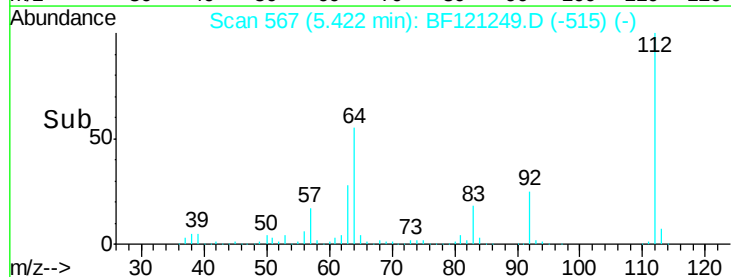
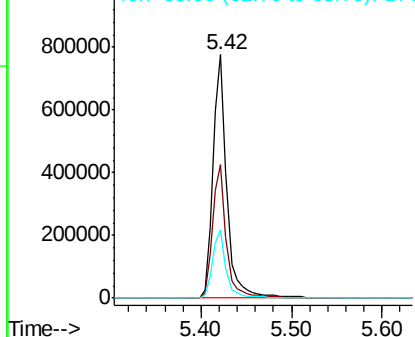
#5

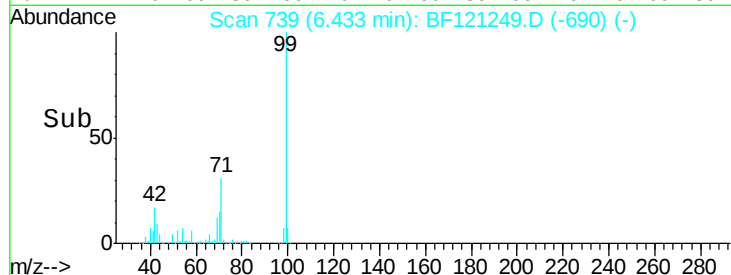
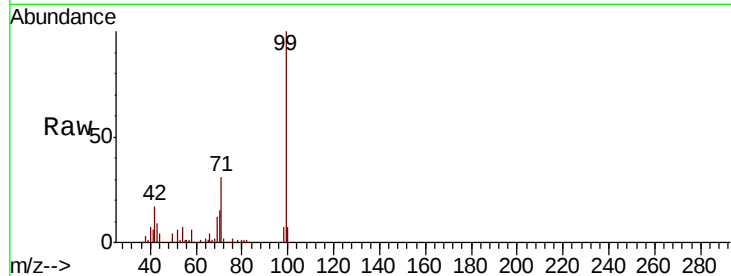
2-Fluorophenol
Concen: 96.240 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF121249.D
Acq: 11 Aug 2020 19:53

Tgt Ion:112 Resp: 833393
Ion Ratio Lower Upper
112 100
64 55.0 43.9 65.9
63 28.1 22.7 34.1



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: 83.569 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121249.D

Acq: 11 Aug 2020 19:53

Instrument :

BNA_F

ClientSampled :

SS-TP-3

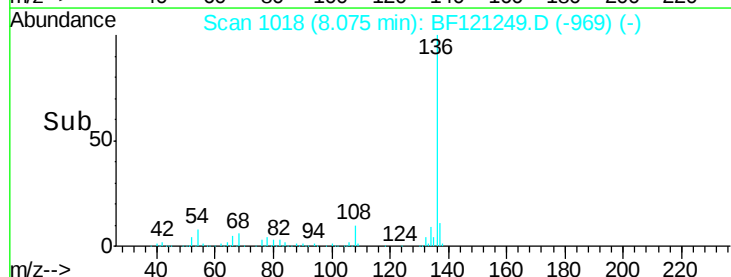
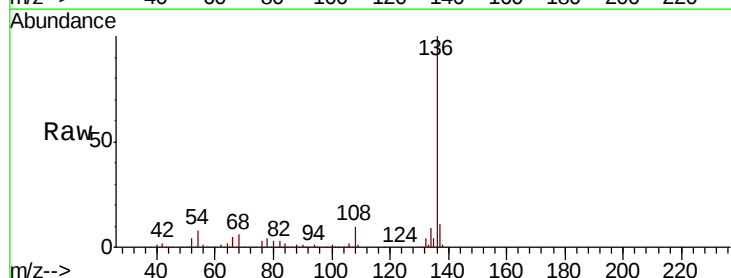
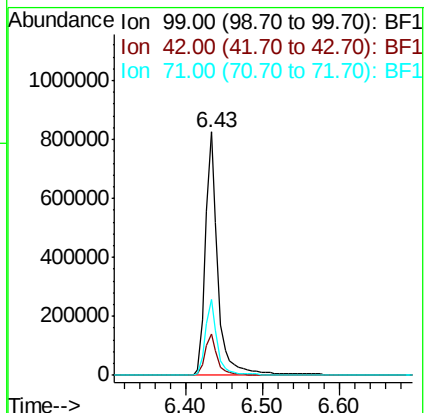
Tot Ion: 99 Resp: 934796

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

71 31.2 25.0 37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121249.D

Acq: 11 Aug 2020 19:53

Tgt Ion: 136 Resp: 561465

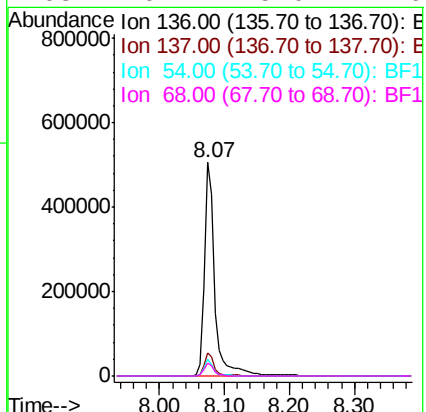
Ion Ratio Lower Upper

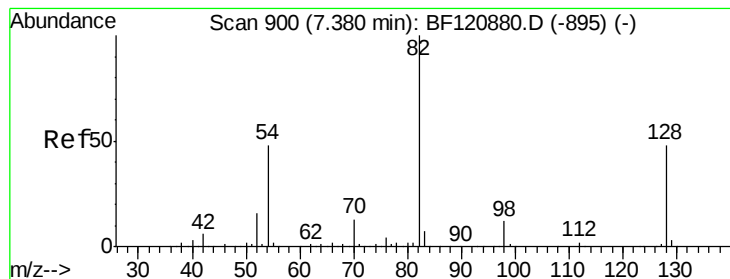
136 100

137 10.9 9.0 13.4

54 7.6 6.1 9.1

68 6.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 78.023 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121249.D

Acq: 11 Aug 2020 19:53

Instrument :

BNA_F

ClientSampled :

SS-TP-3

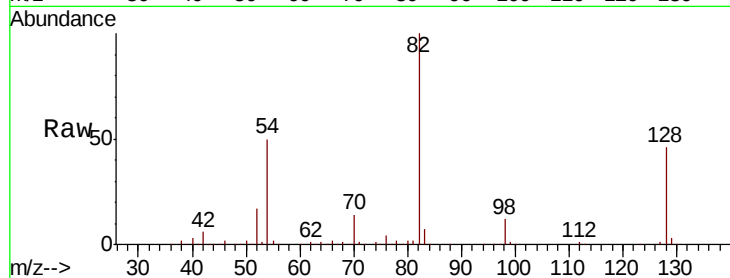
Tot Ion: 82 Resp: 757085

Ion Ratio Lower Upper

82 100

128 46.4 39.2 58.8

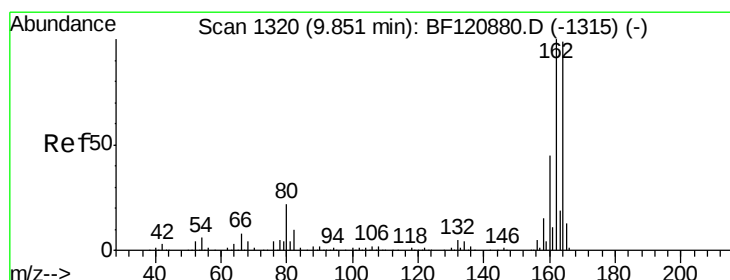
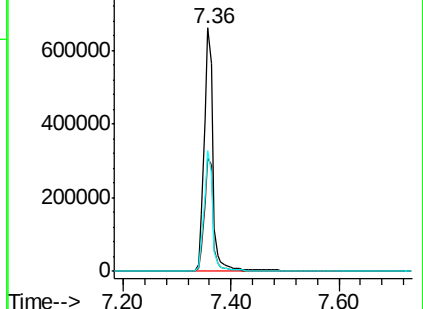
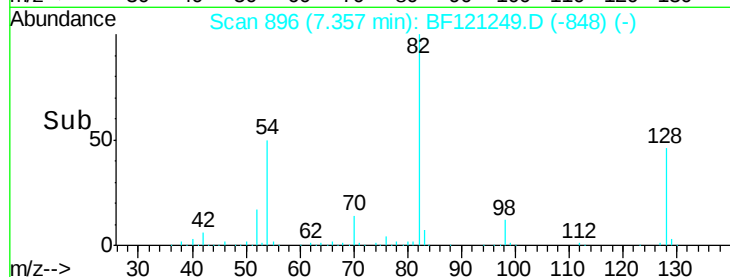
54 49.6 37.8 56.8



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: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121249.D

Acq: 11 Aug 2020 19:53

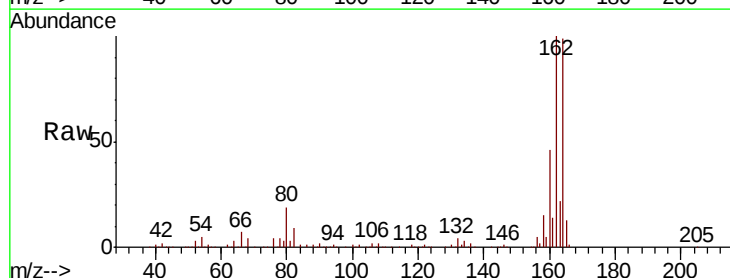
Tgt Ion:164 Resp: 295911

Ion Ratio Lower Upper

164 100

162 100.9 82.2 123.2

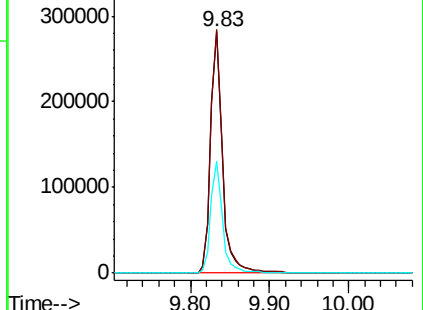
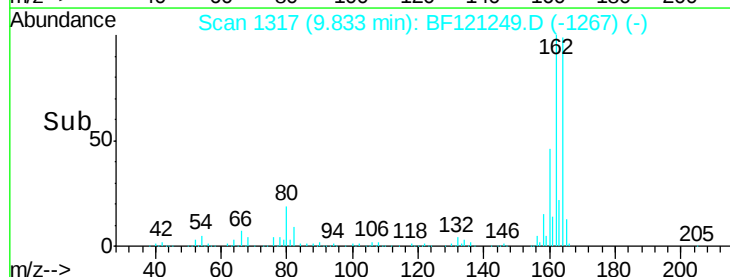
160 46.1 37.2 55.8



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

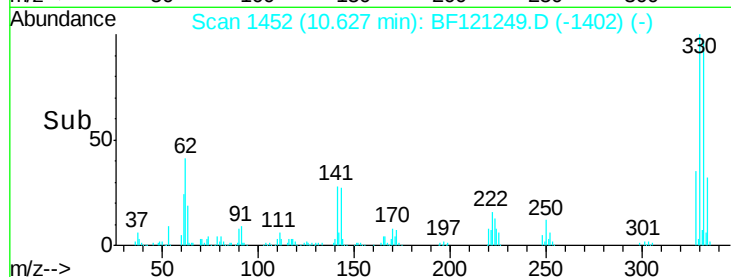
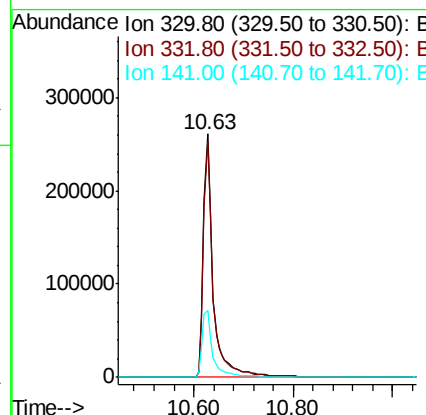
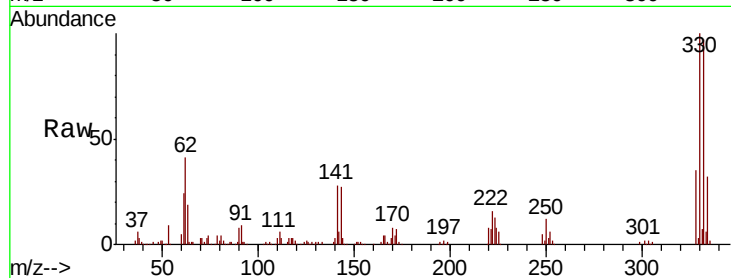




#42
 2,4,6-Tribromophenol
 Concen: 111.703 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121249.D
 Acq: 11 Aug 2020 19:53

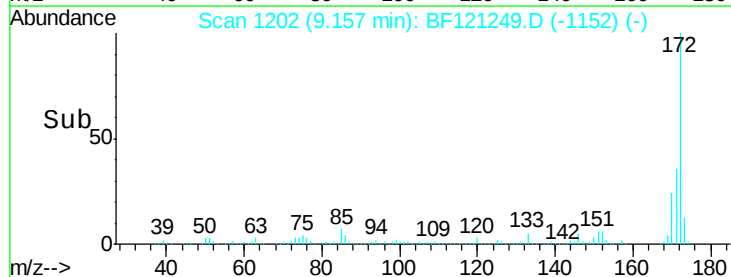
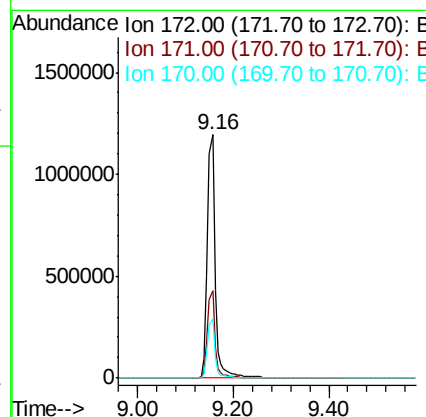
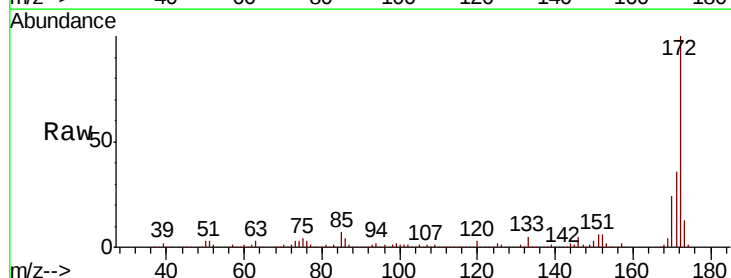
Instrument :
 BNA_F
 ClientSampleId :
 SS-TP-3

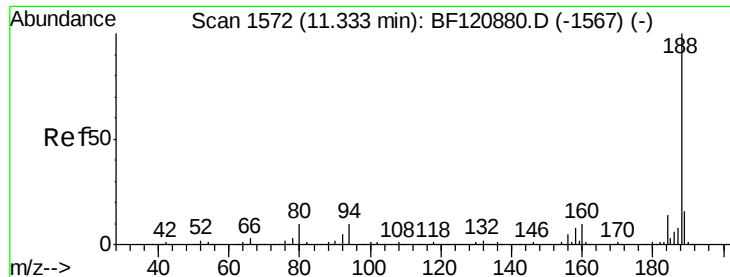
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.1	114.1
141	30.5	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 68.432 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121249.D
 Acq: 11 Aug 2020 19:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.4	19.6	29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF121249.D

Acq: 11 Aug 2020 19:53

Instrument :

BNA_F

ClientSampleId :

SS-TP-3

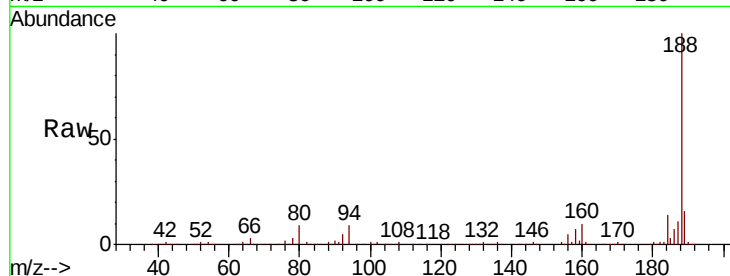
Tot Ion:188 Resp: 599392

Ion Ratio Lower Upper

188 100

94 9.0 8.0 12.0

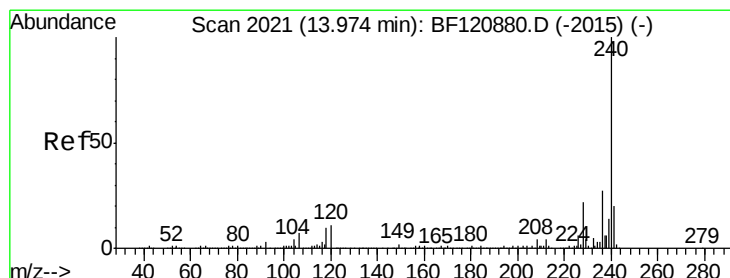
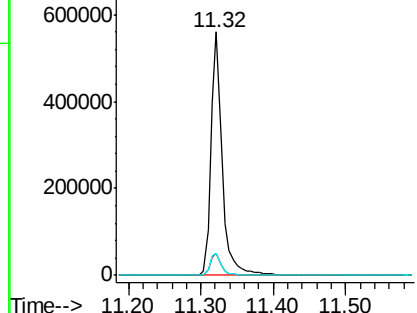
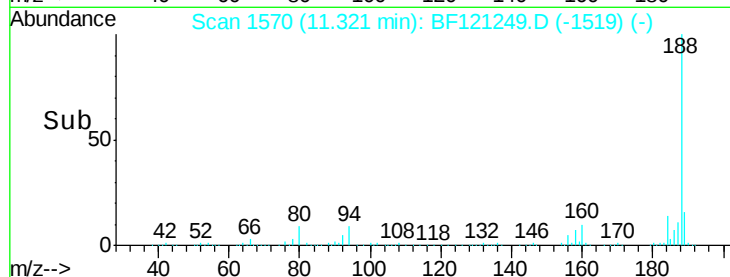
80 9.3 8.3 12.5



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: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF121249.D

Acq: 11 Aug 2020 19:53

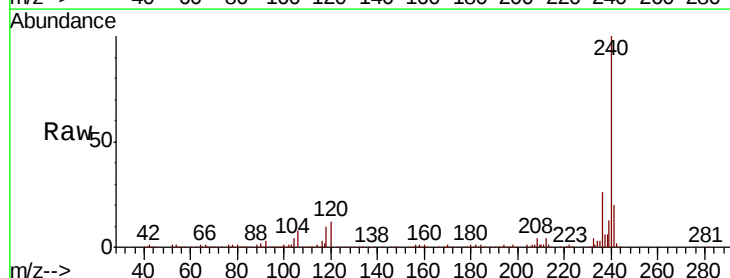
Tgt Ion:240 Resp: 529802

Ion Ratio Lower Upper

240 100

120 11.5 9.3 13.9

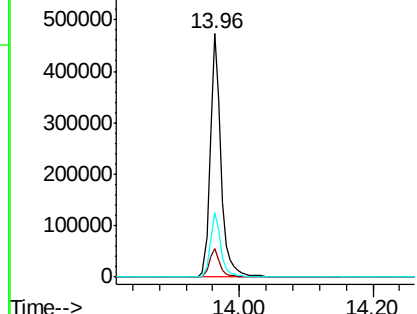
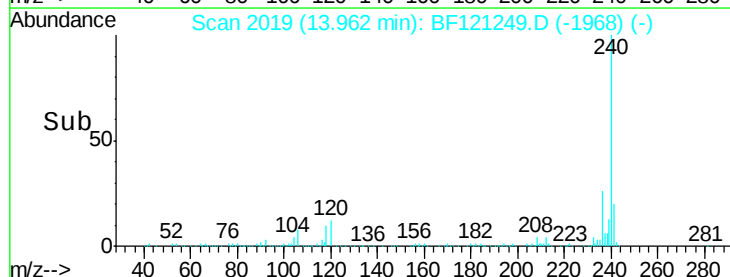
236 26.3 21.1 31.7

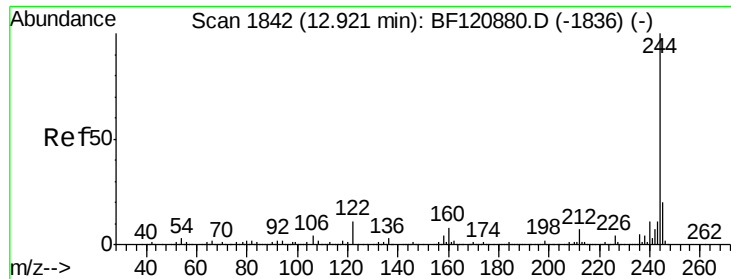


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

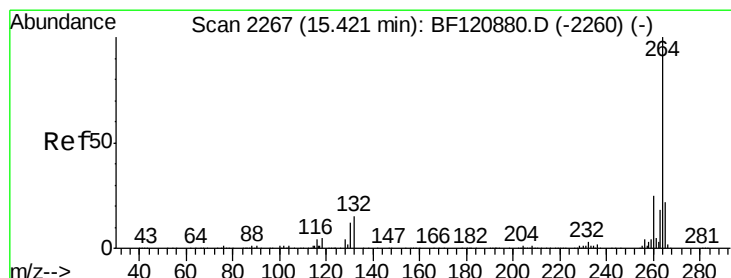
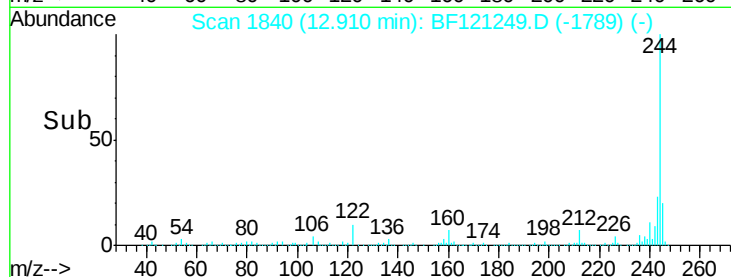
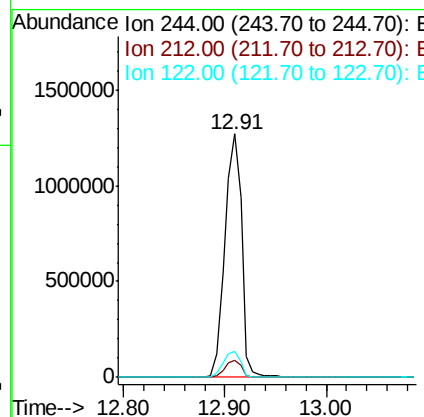
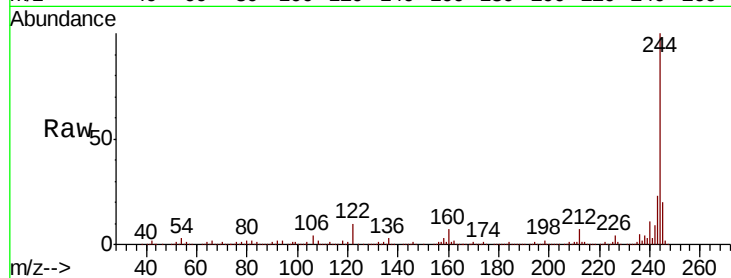




#79
 Terphenyl-d14
 Concen: 59.869 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121249.D
 Acq: 11 Aug 2020 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SS-TP-3

Tot Ion:244 Resp: 1459156
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.02 min
 Lab File: BF121249.D
 Acq: 11 Aug 2020 19:53

Tgt Ion:264 Resp: 454474
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.9 29.9
 265 21.8 17.8 26.8

