

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121156.D
 Acq On : 31 Jul 2020 14:20
 Operator : JU/CG
 Sample : L3518-22
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Quant Time: Jul 31 14:47:19 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

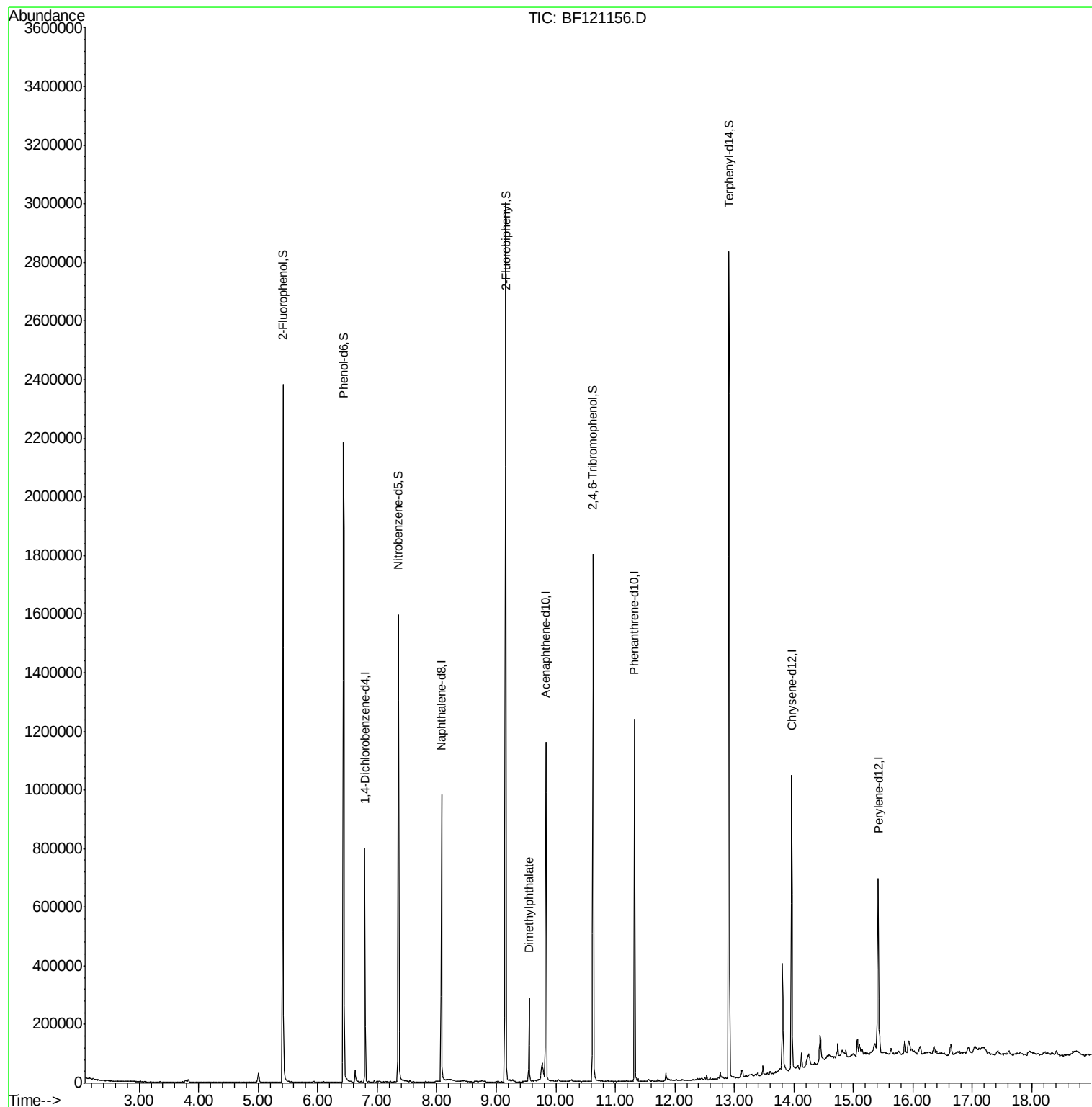
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	125039	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	481247	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	244394	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	458714	20.00	ng	0.00
76) Chrysene-d12	13.96	240	316465	20.00	ng	0.00
86) Perylene-d12	15.42	264	274172	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	704829	92.41	ng	0.00
7) Phenol-d6	6.43	99	863608	87.65	ng	-0.01
23) Nitrobenzene-d5	7.36	82	566388	68.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	249837	93.39	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1022545	62.47	ng	0.00
79) Terphenyl-d14	12.91	244	961154	66.02	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	112103	6.358	ng	Qvalue 98

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

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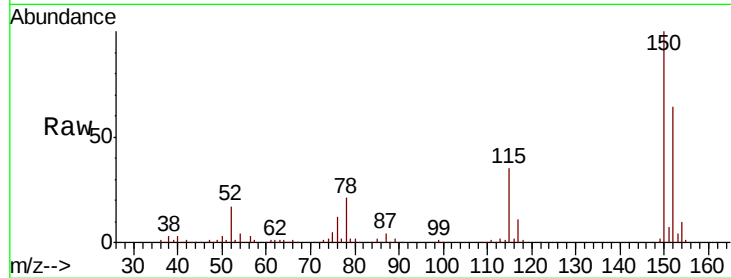




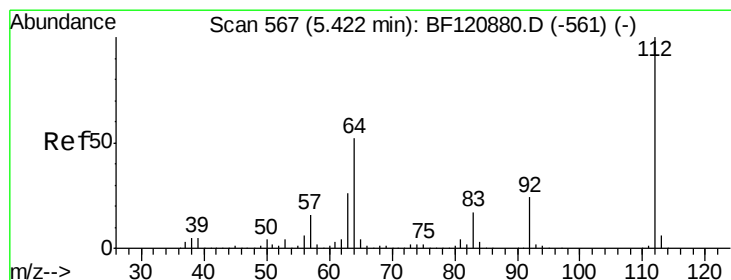
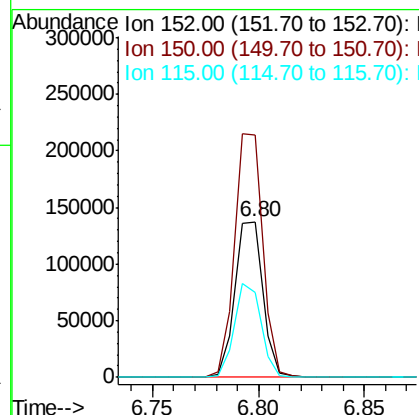
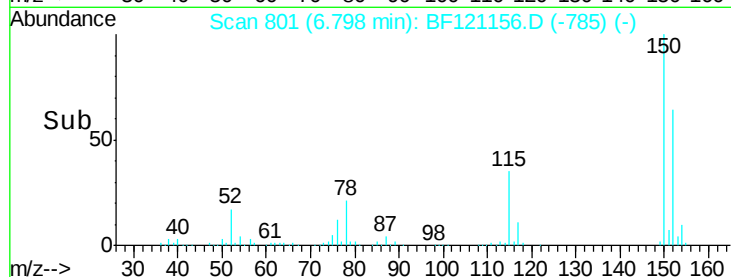
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF121156.D
 Acq: 31 Jul 2020 14:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Tot Ion:152 Resp: 125039
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.6 188.4
 115 54.7 46.2 69.2

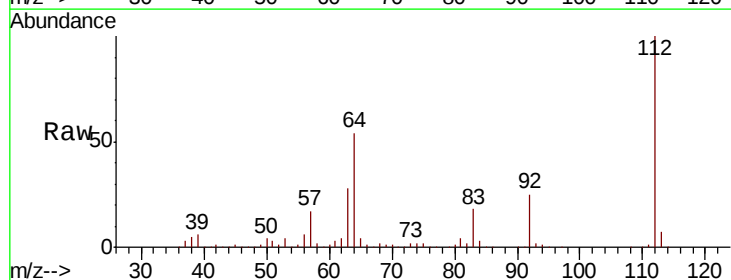


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

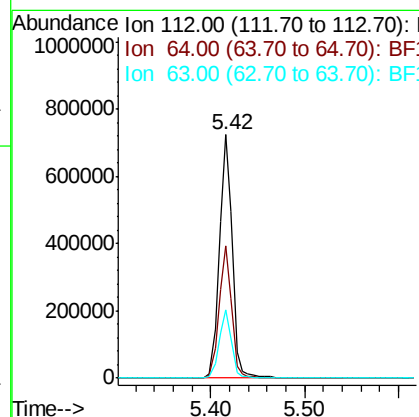
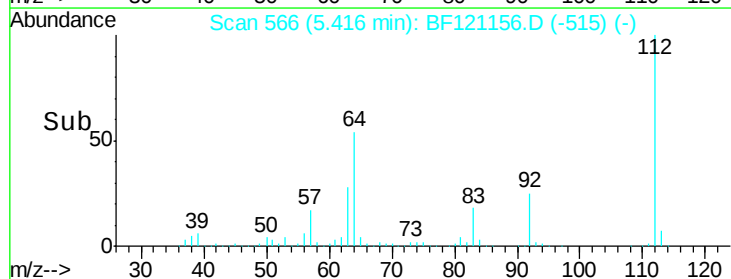


#5
 2-Fluorophenol
 Concen: 92.408 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF121156.D
 Acq: 31 Jul 2020 14:20

Tgt Ion:112 Resp: 704829
 Ion Ratio Lower Upper
 112 100
 64 54.3 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: 87.653 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121156.D

Acq: 31 Jul 2020 14:20

Instrument :

BNA_F

ClientSampled :

TP-8

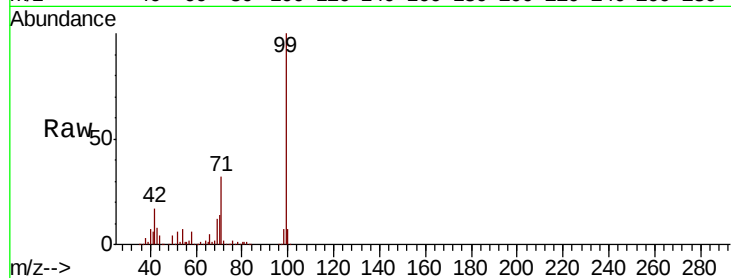
Tot Ion: 99 Resp: 863608

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

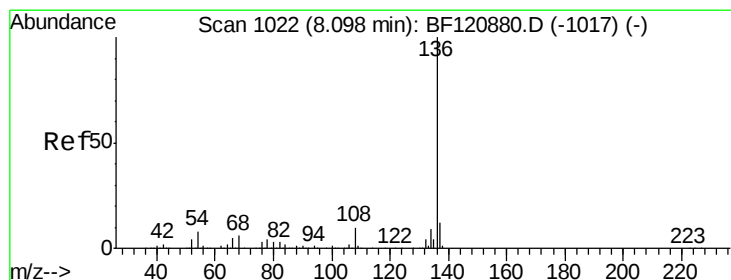
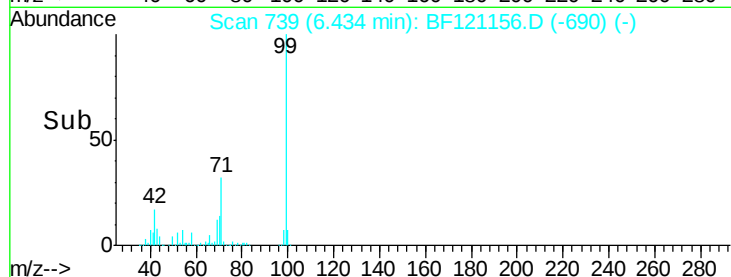
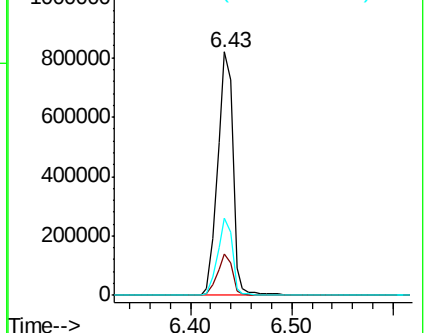
71 31.5 25.0 37.4



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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121156.D

Acq: 31 Jul 2020 14:20

Tgt Ion: 136 Resp: 481247

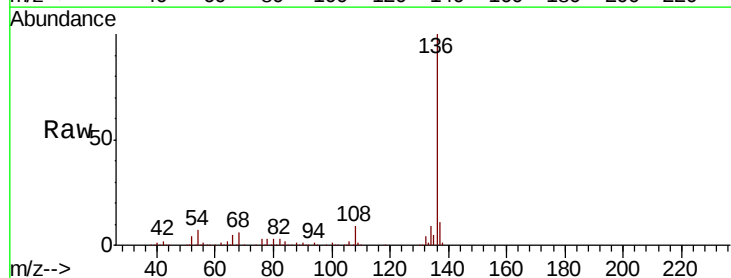
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.5 6.1 9.1

68 5.5 5.0 7.6

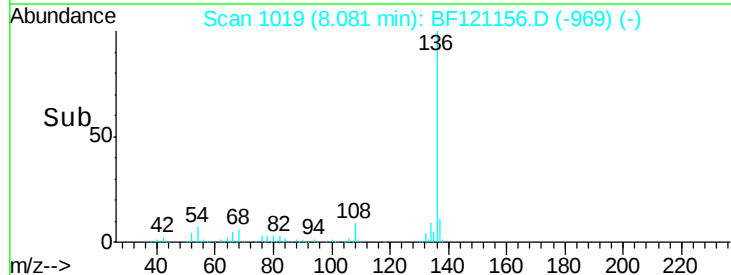
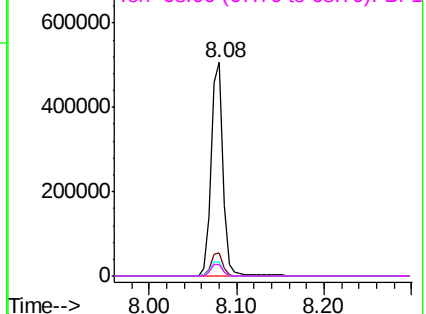


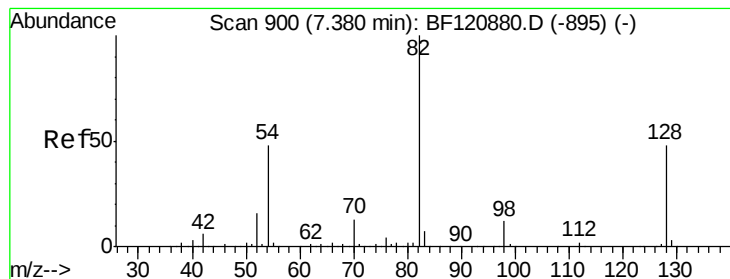
Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.100 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121156.D

Acq: 31 Jul 2020 14:20

Instrument :

BNA_F

ClientSampled :

TP-8

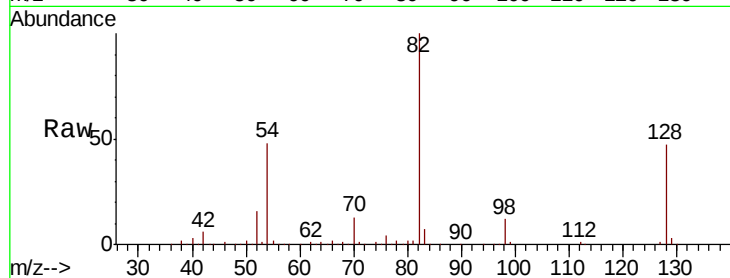
Tot Ion: 82 Resp: 566388

Ion Ratio Lower Upper

82 100

128 47.4 39.2 58.8

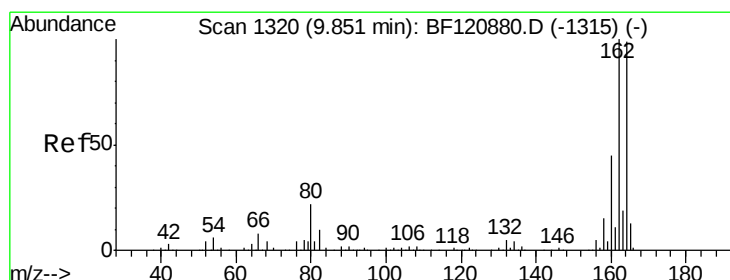
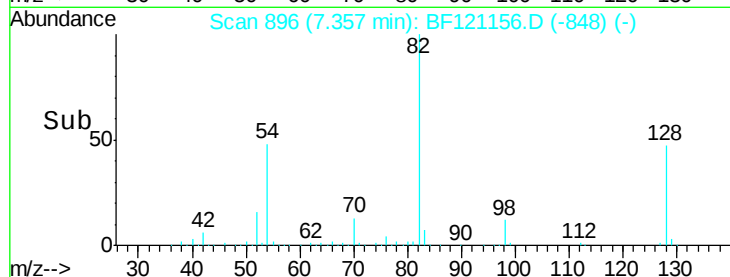
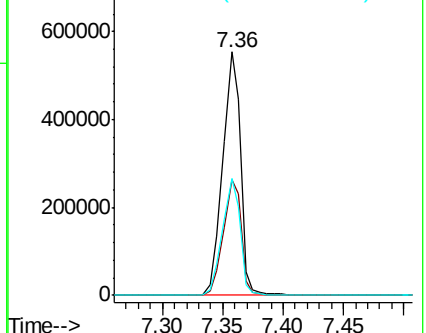
54 47.8 37.8 56.8



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: BF121156.D

Acq: 31 Jul 2020 14:20

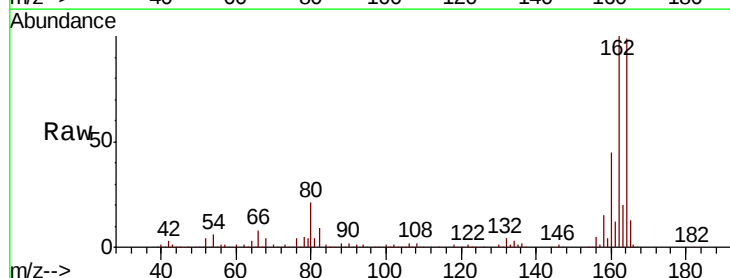
Tgt Ion:164 Resp: 244394

Ion Ratio Lower Upper

164 100

162 100.8 82.2 123.2

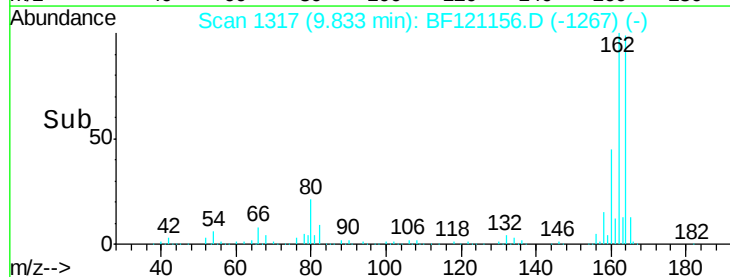
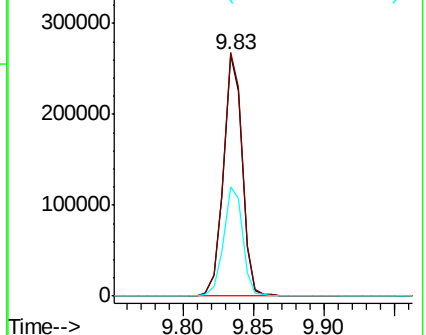
160 45.2 37.2 55.8

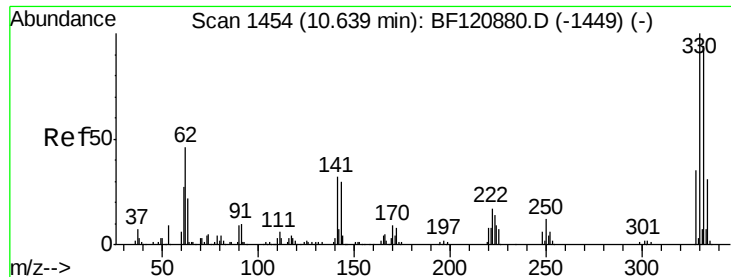


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

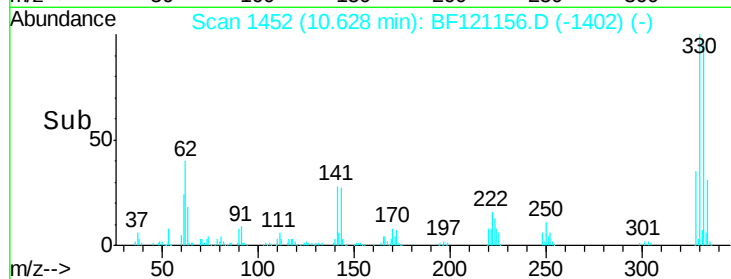
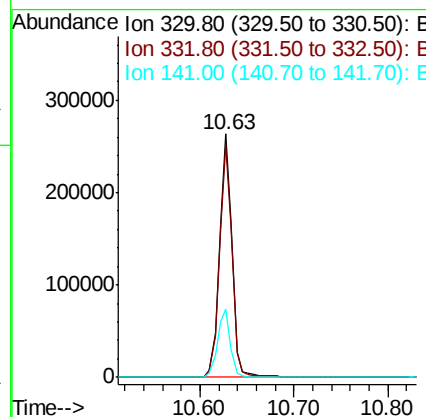
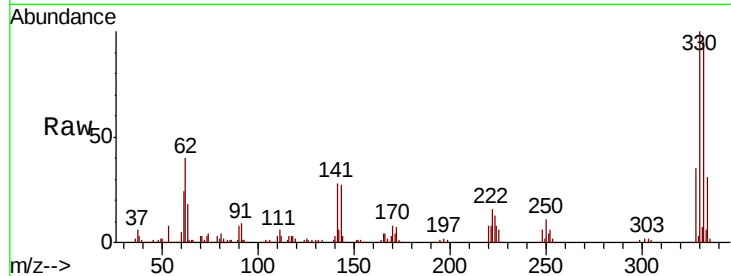




#42
 2,4,6-Tribromophenol
 Concen: 93.392 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121156.D
 Acq: 31 Jul 2020 14:20

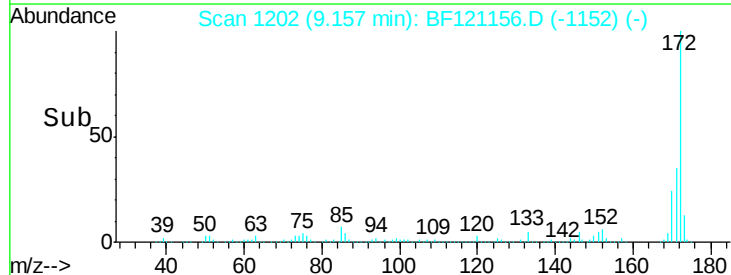
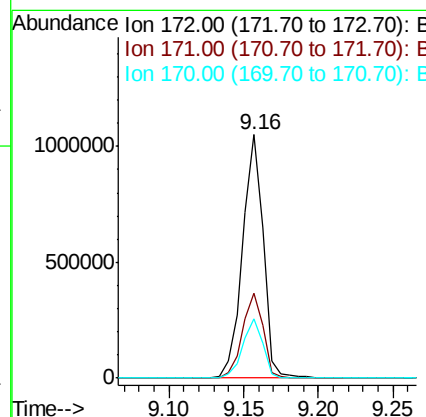
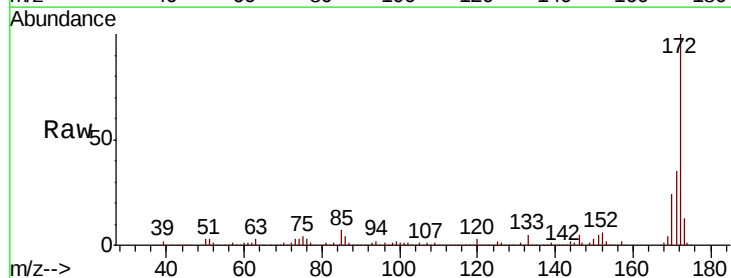
Instrument :
 BNA_F
 ClientSampleId :
 TP-8

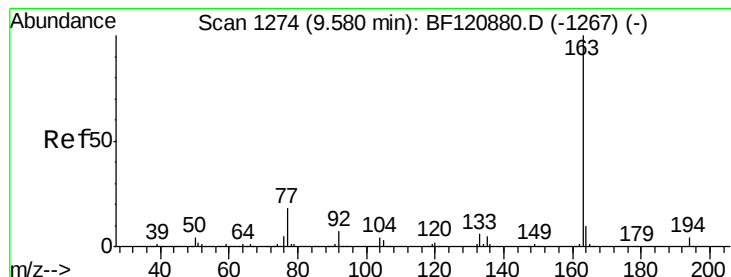
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.1	114.1
141	29.1	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 62.469 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121156.D
 Acq: 31 Jul 2020 14:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.0	43.4
170	24.1	19.6	29.4





#50

Dimethylphthalate

Concen: 6.358 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF121156.D

Acq: 31 Jul 2020 14:20

Instrument :

BNA_F

ClientSampleId :

TP-8

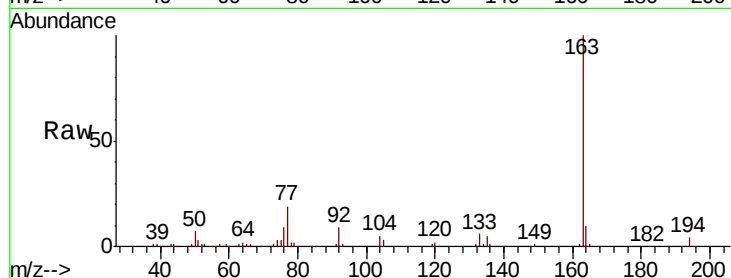
Tot Ion:163 Resp: 112103

Ion Ratio Lower Upper

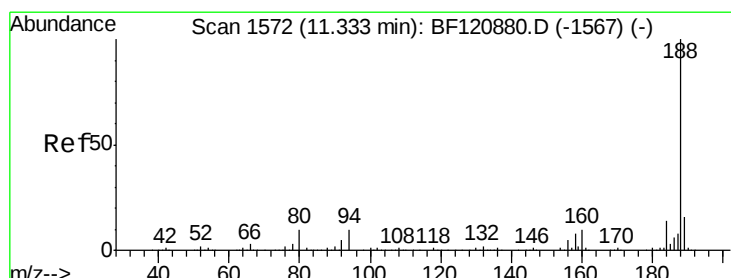
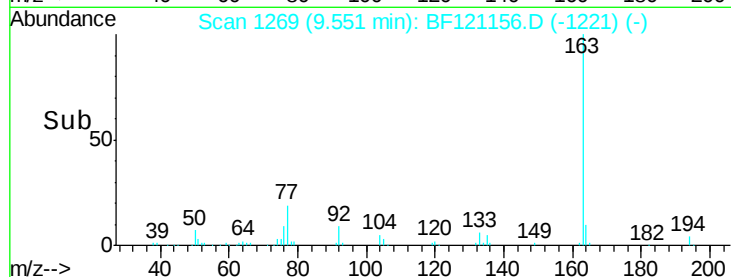
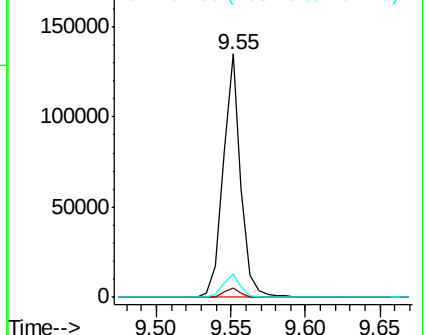
163 100

194 3.9 3.0 4.4

164 9.7 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: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF121156.D

Acq: 31 Jul 2020 14:20

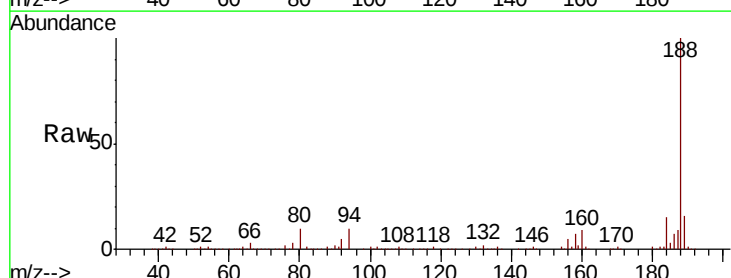
Tgt Ion:188 Resp: 458714

Ion Ratio Lower Upper

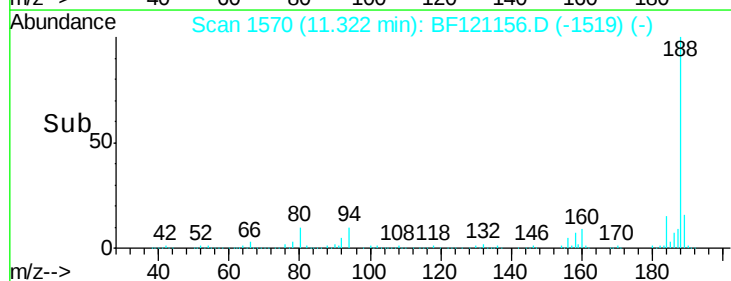
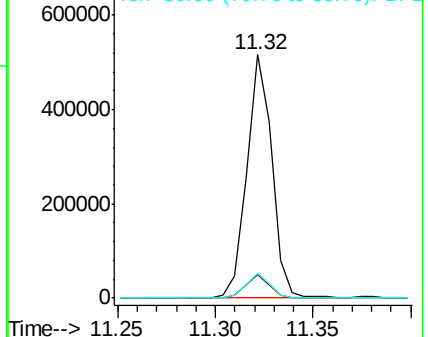
188 100

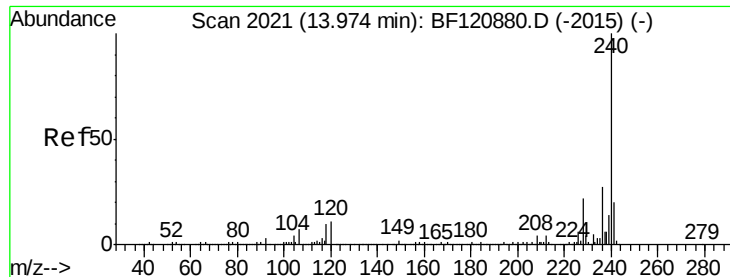
94 9.7 8.0 12.0

80 10.4 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: BF121156.D

Acq: 31 Jul 2020 14:20

Instrument :

BNA_F

ClientSampleId :

TP-8

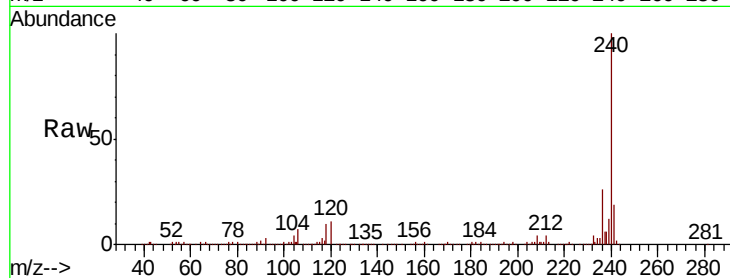
Tot Ion:240 Resp: 316465

Ion Ratio Lower Upper

240 100

120 11.4 9.3 13.9

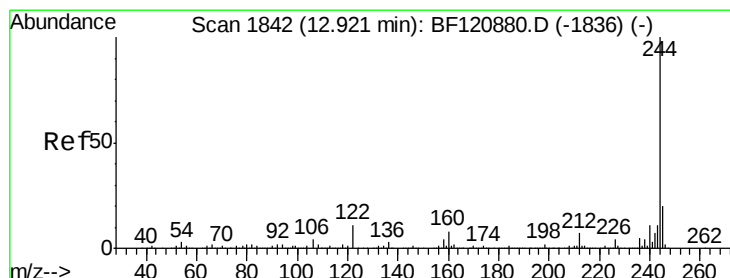
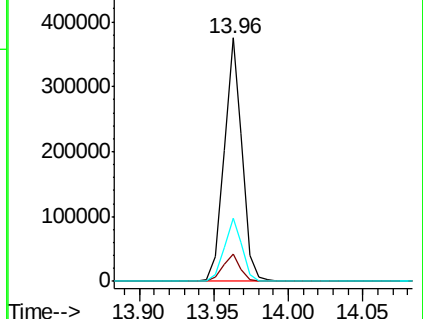
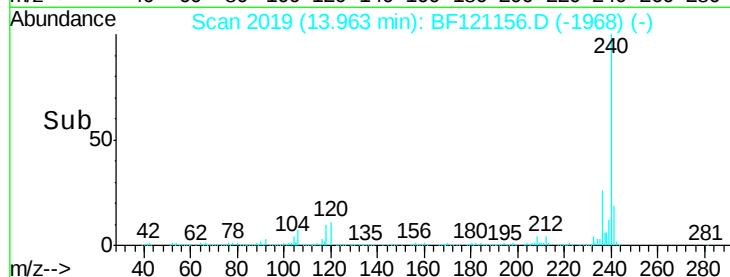
236 25.9 21.1 31.7



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: 66.021 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF121156.D

Acq: 31 Jul 2020 14:20

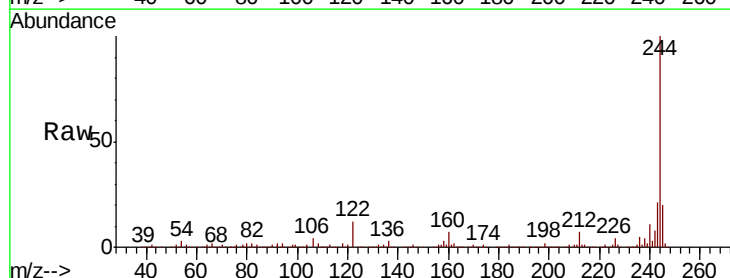
Tgt Ion:244 Resp: 961154

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

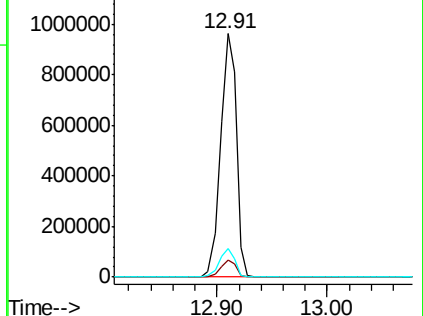
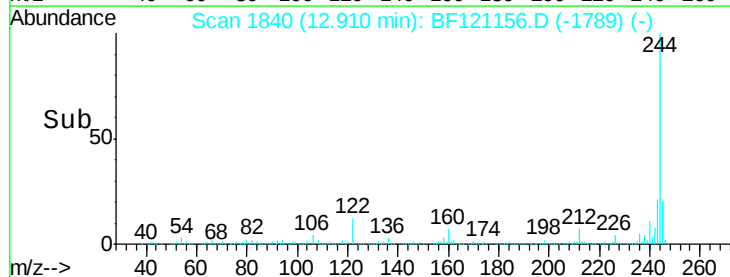
122 11.7 8.3 12.5

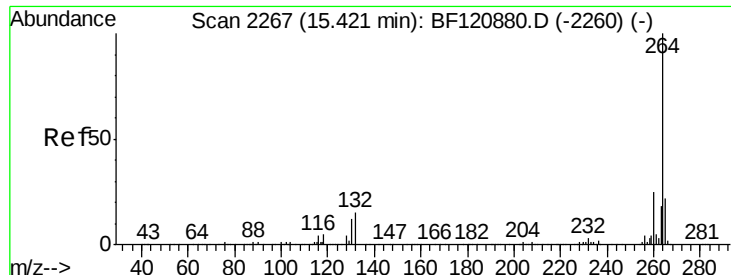


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

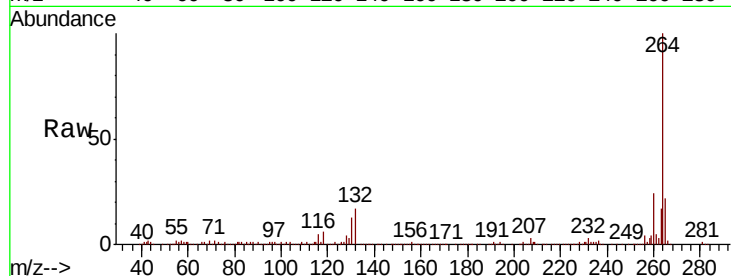




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121156.D
Acq: 31 Jul 2020 14:20

Instrument :
BNA_F
ClientSampleId :
TP-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.9	29.9
265	22.0	17.8	26.8



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

