

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121157.D
 Acq On : 31 Jul 2020 14:48
 Operator : JU/CG
 Sample : L3511-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Jul 31 15:41:34 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

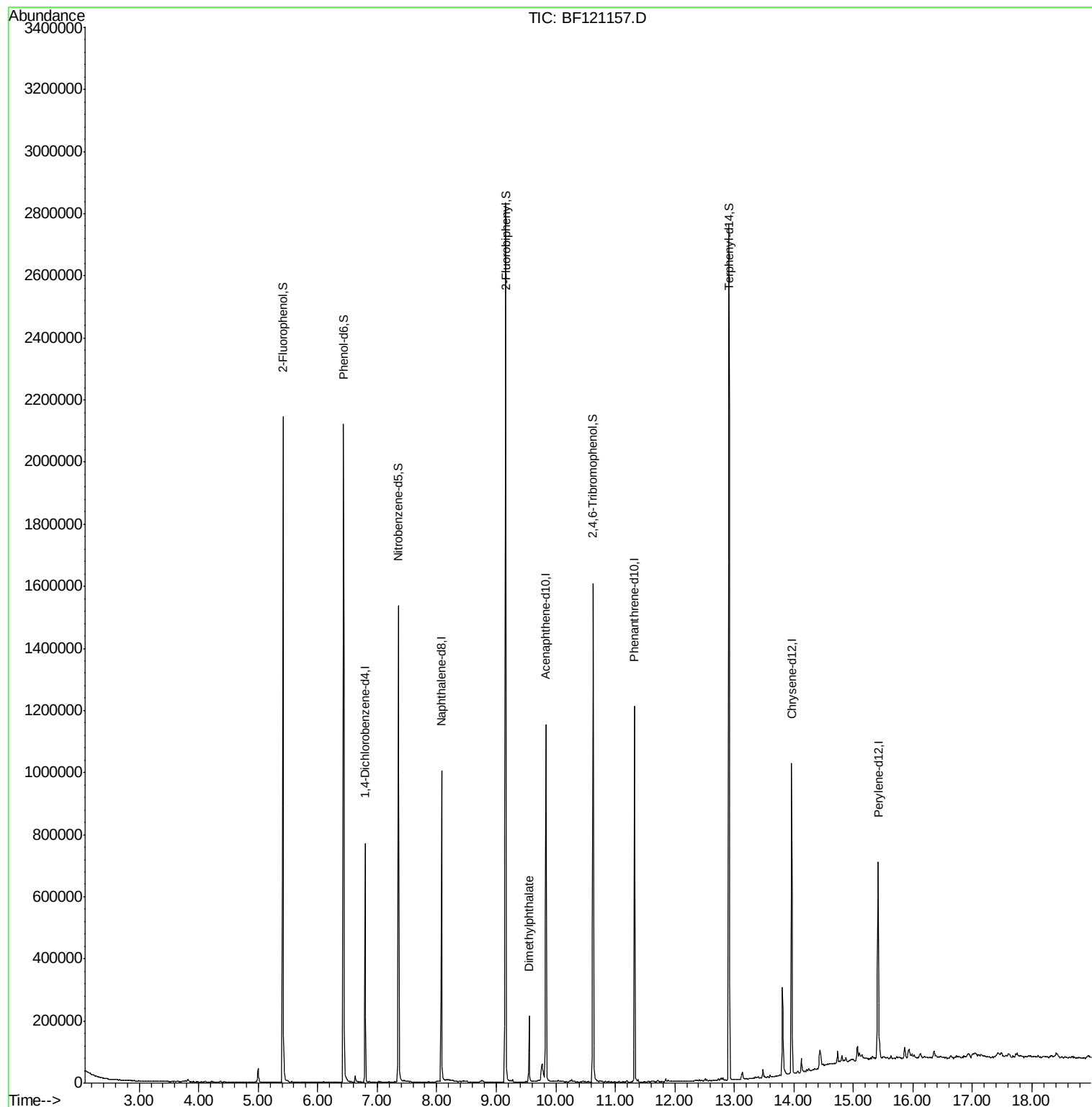
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	124418	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	472300	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	241453	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	457575	20.00	ng	0.00
76) Chrysene-d12	13.96	240	320731	20.00	ng	0.00
86) Perylene-d12	15.42	264	290999	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	638208	84.09	ng	0.00
7) Phenol-d6	6.43	99	776859	79.24	ng	-0.01
23) Nitrobenzene-d5	7.36	82	504281	61.78	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	220826	83.55	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	916908	56.70	ng	0.00
79) Terphenyl-d14	12.91	244	913849	61.94	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	86717	4.978	ng	Qvalue 99

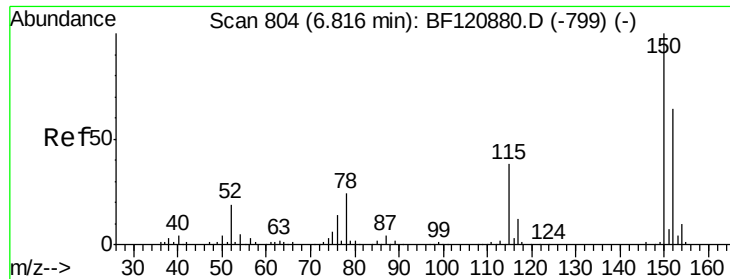
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 29 14:55:43 2020
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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: BF121157.D

Acq: 31 Jul 2020 14:48

Instrument :

BNA_F

ClientSampleId :

TP-1

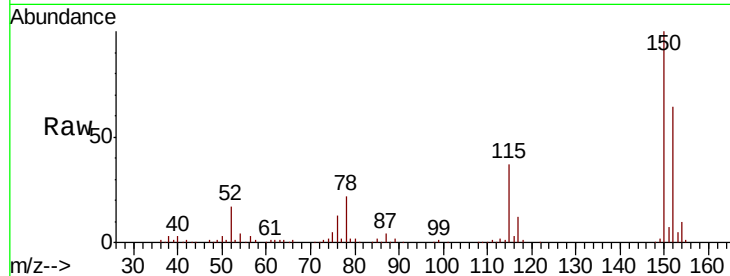
Tot Ion:152 Resp: 124418

Ion Ratio Lower Upper

152 100

150 156.6 125.6 188.4

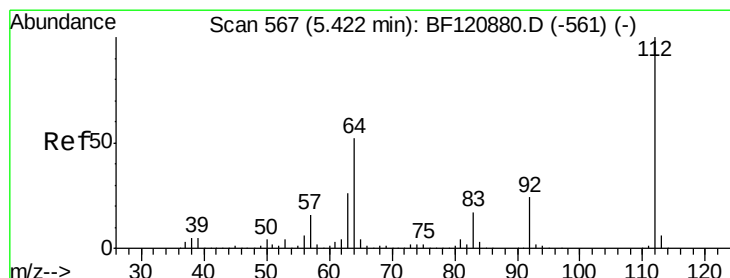
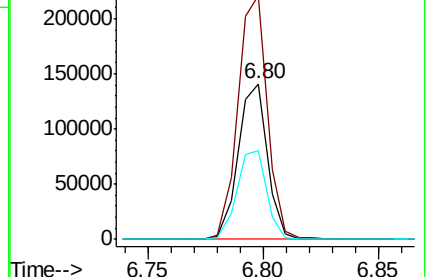
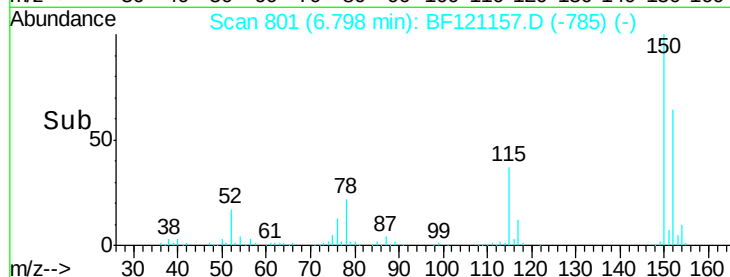
115 57.2 46.2 69.2



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: 84.092 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF121157.D

Acq: 31 Jul 2020 14:48

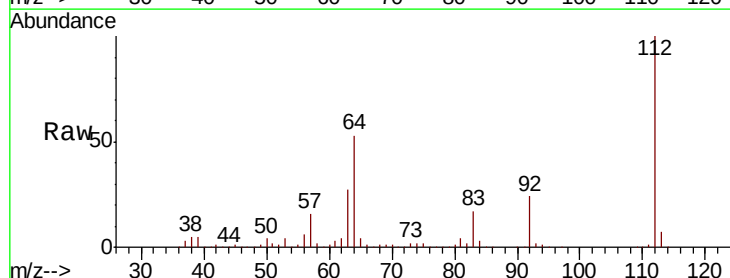
Tgt Ion:112 Resp: 638208

Ion Ratio Lower Upper

112 100

64 53.3 43.9 65.9

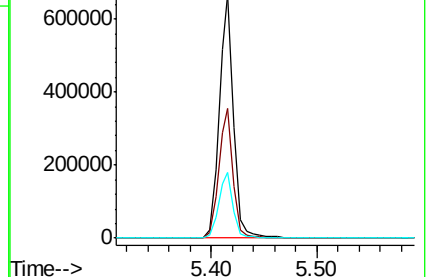
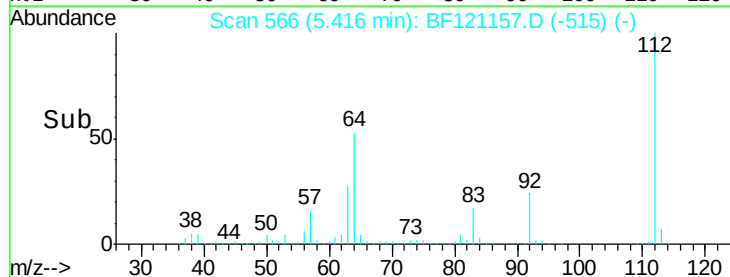
63 27.1 22.7 34.1

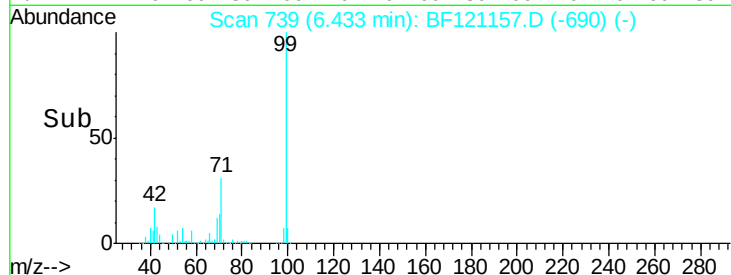
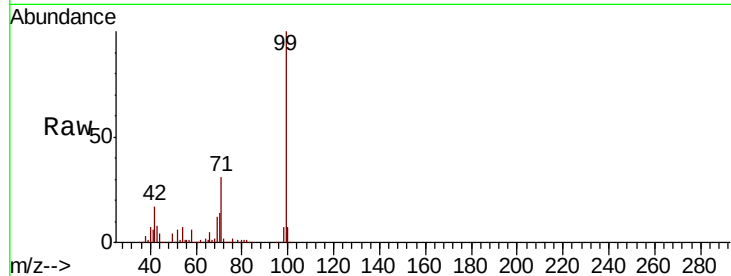
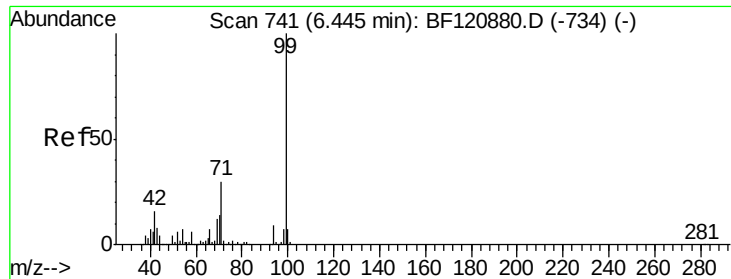


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 79.242 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121157.D

Acq: 31 Jul 2020 14:48

Instrument :

BNA_F

ClientSampled :

TP-1

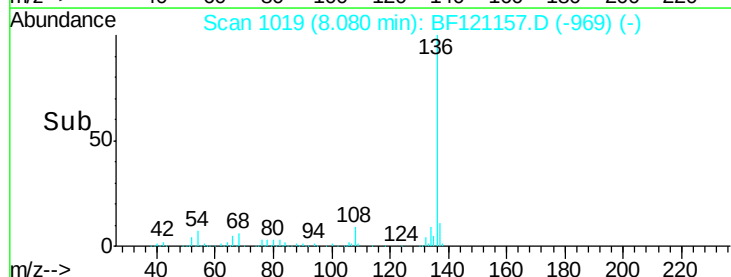
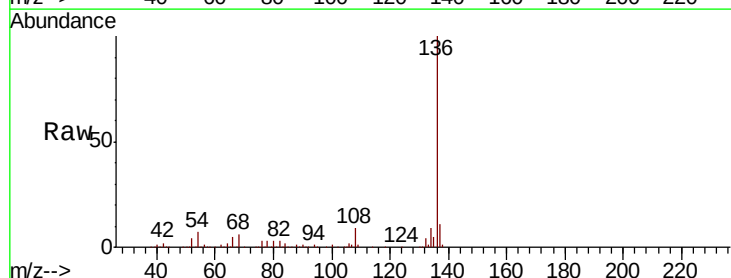
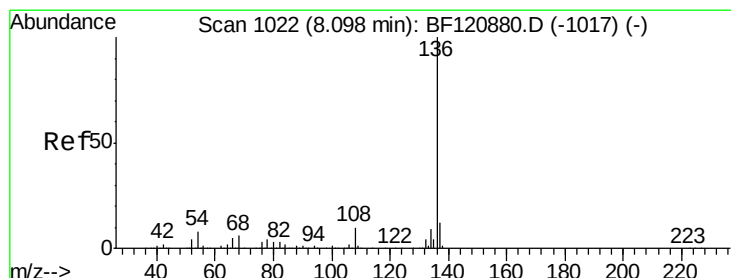
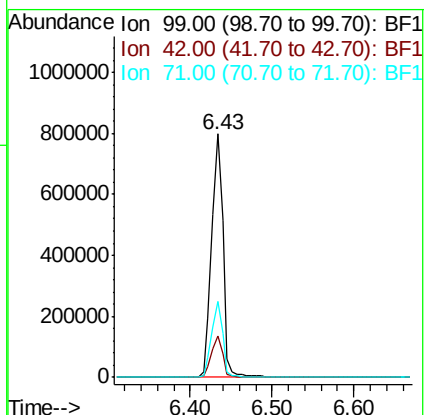
Tot Ion: 99 Resp: 776859

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

71 31.1 25.0 37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121157.D

Acq: 31 Jul 2020 14:48

Tgt Ion: 136 Resp: 472300

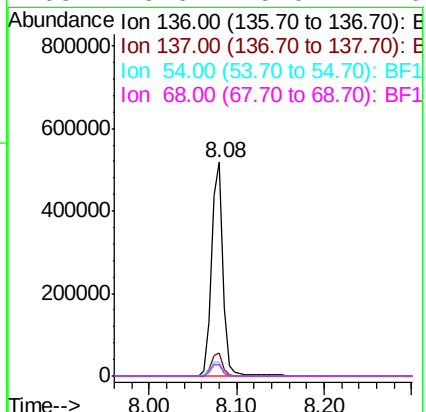
Ion Ratio Lower Upper

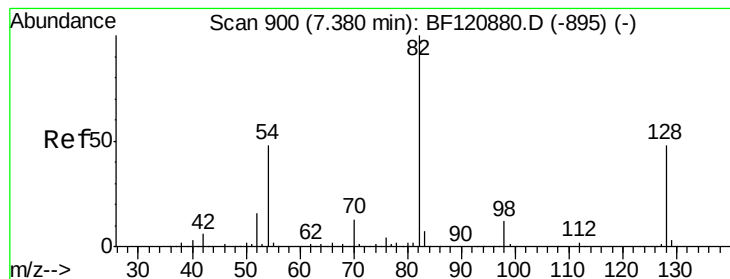
136 100

137 11.0 9.0 13.4

54 6.6 6.1 9.1

68 5.6 5.0 7.6





#23

Nitrobenzene-d5

Concen: 61.781 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121157.D

Acq: 31 Jul 2020 14:48

Instrument :

BNA_F

ClientSampleId :

TP-1

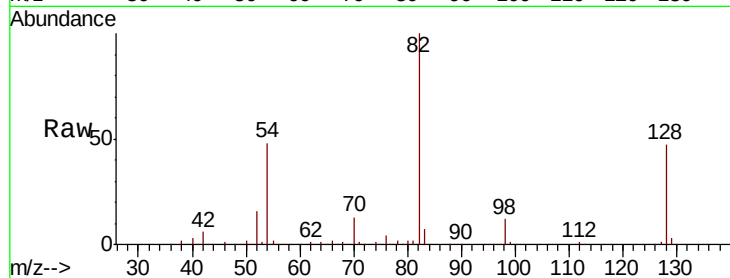
Tot Ion: 82 Resp: 504281

Ion Ratio Lower Upper

82 100

128 46.8 39.2 58.8

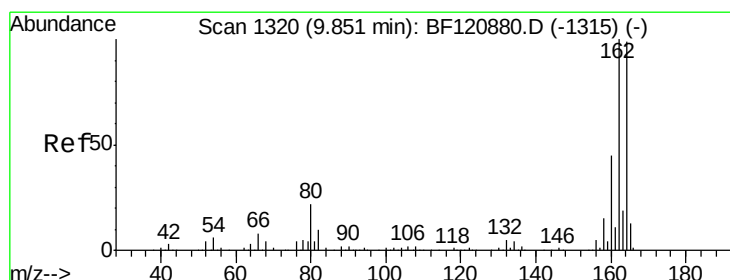
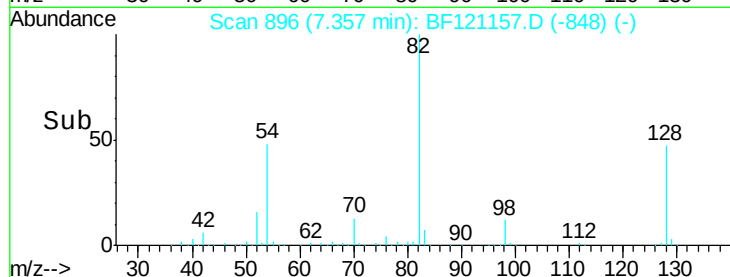
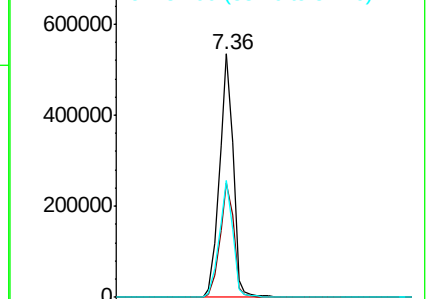
54 47.8 37.8 56.8



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: BF121157.D

Acq: 31 Jul 2020 14:48

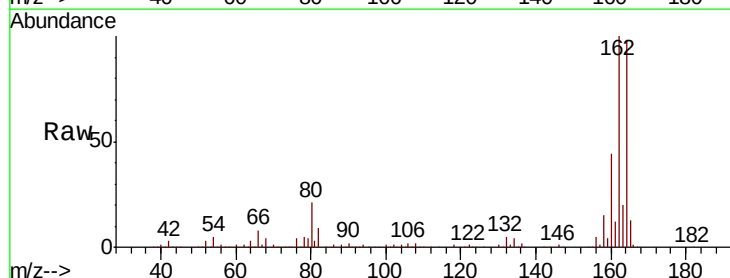
Tgt Ion: 164 Resp: 241453

Ion Ratio Lower Upper

164 100

162 101.7 82.2 123.2

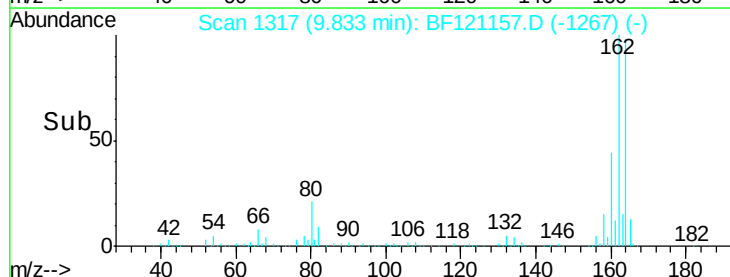
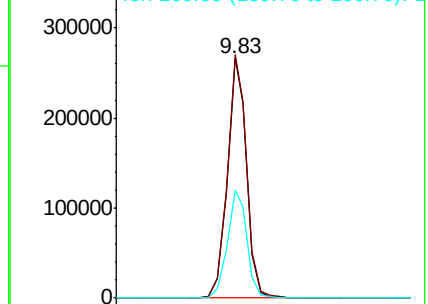
160 45.2 37.2 55.8

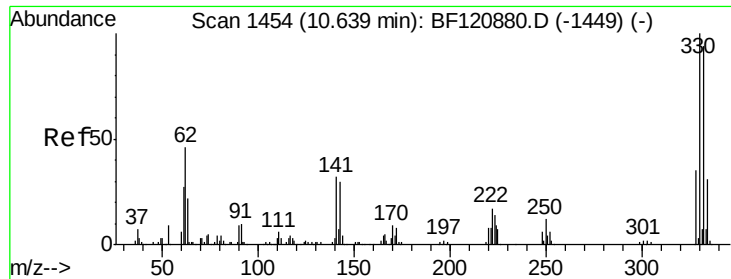


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

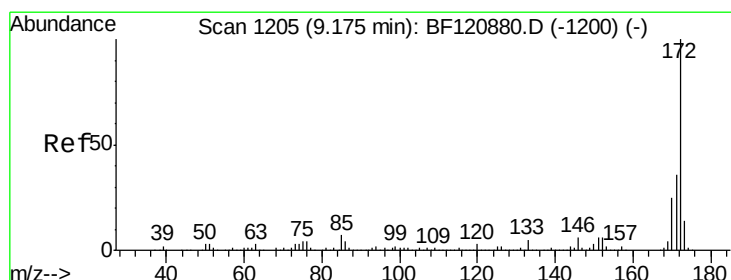
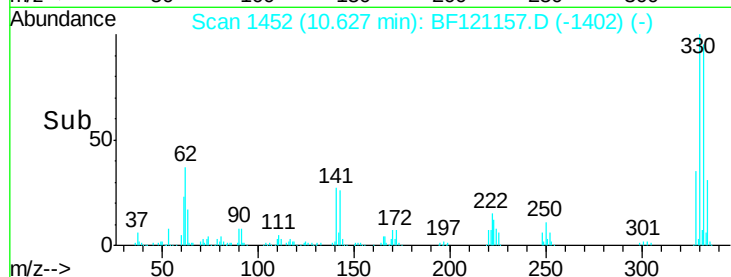
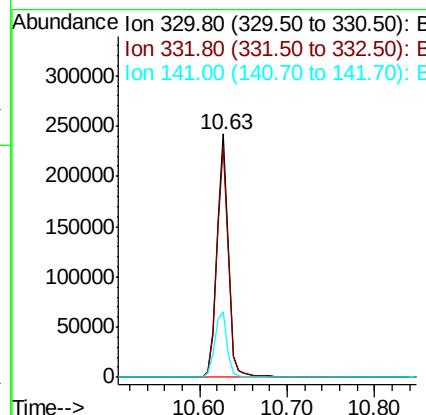
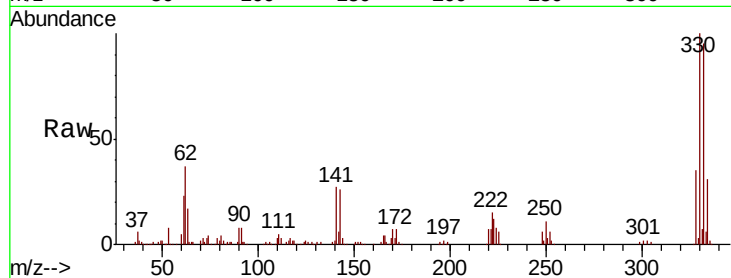




#42
 2,4,6-Tribromophenol
 Concen: 83.553 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121157.D
 Acq: 31 Jul 2020 14:48

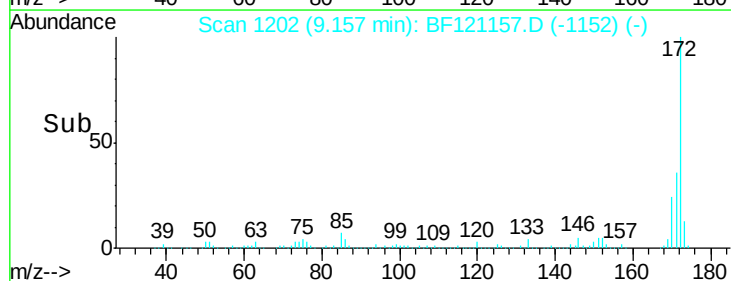
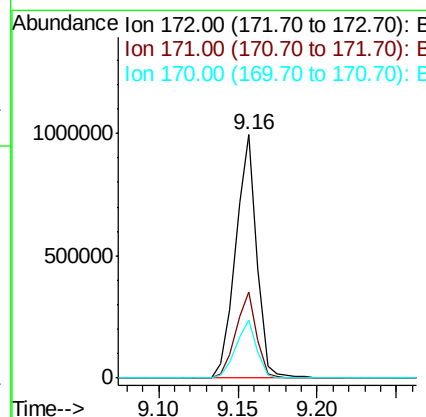
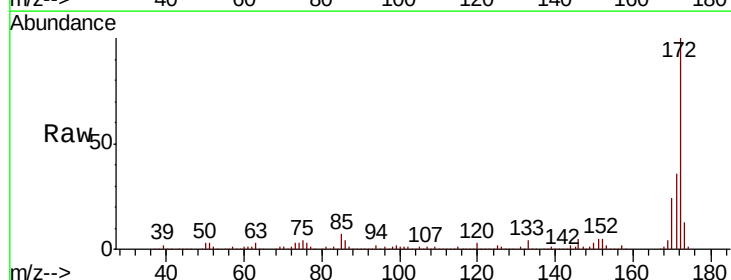
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

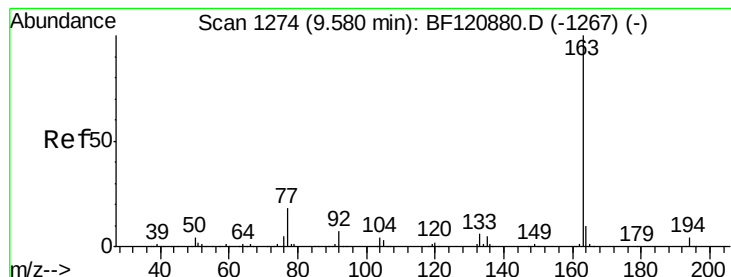
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.1	114.1
141	29.3	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 56.698 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121157.D
 Acq: 31 Jul 2020 14:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	24.0	19.6	29.4





#50

Dimethylphthalate

Concen: 4.978 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF121157.D

Acq: 31 Jul 2020 14:48

Instrument :

BNA_F

ClientSampleId :

TP-1

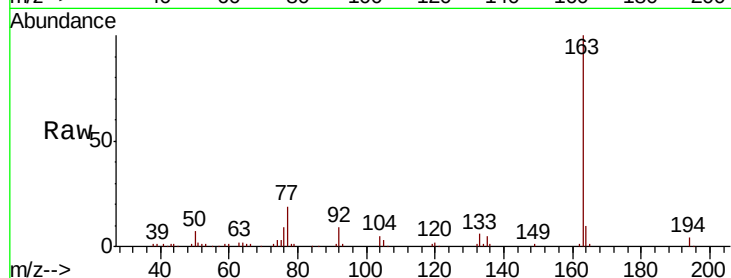
Tot Ion:163 Resp: 86717

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

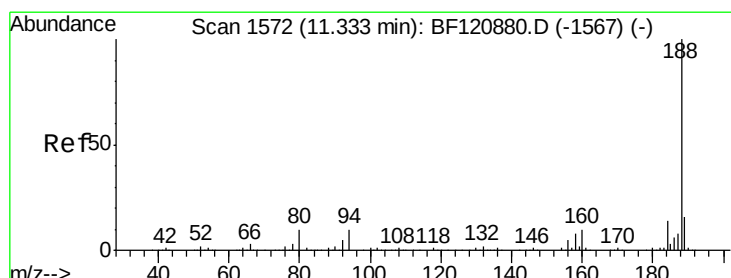
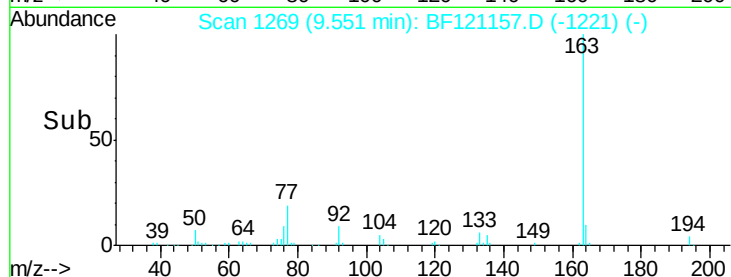
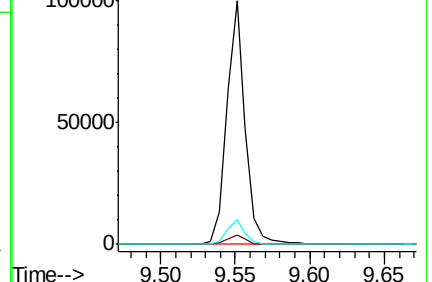
164 10.3 8.4 12.6



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: BF121157.D

Acq: 31 Jul 2020 14:48

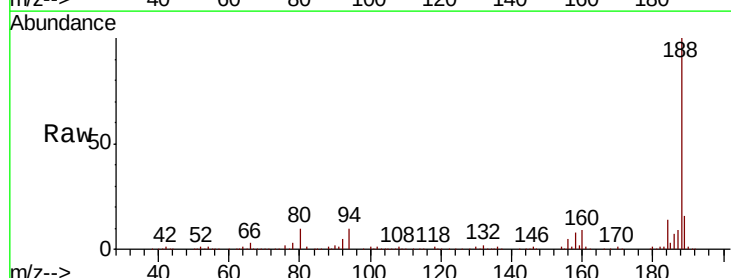
Tgt Ion:188 Resp: 457575

Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

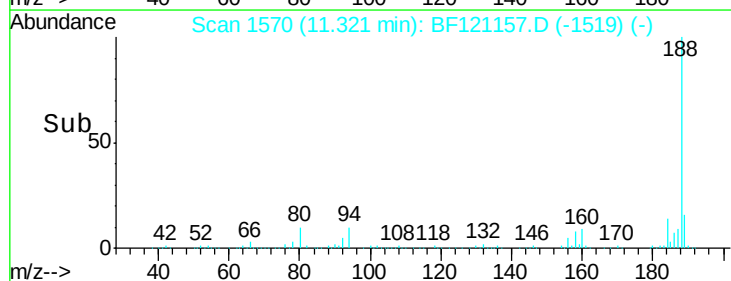
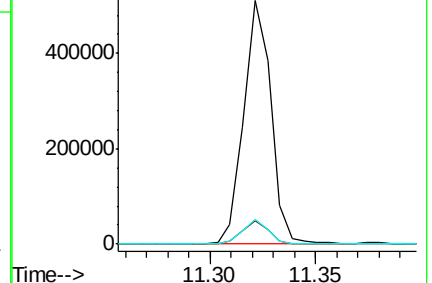
80 9.9 8.3 12.5

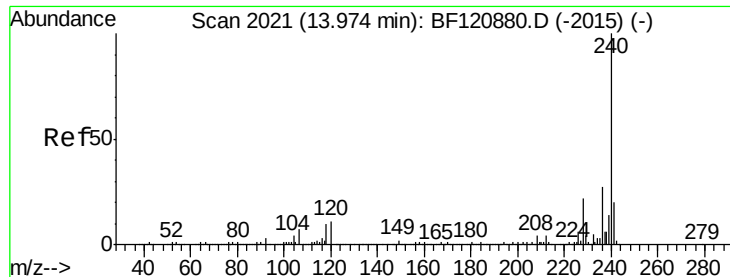


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF121157.D

Acq: 31 Jul 2020 14:48

Instrument :

BNA_F

ClientSampled :

TP-1

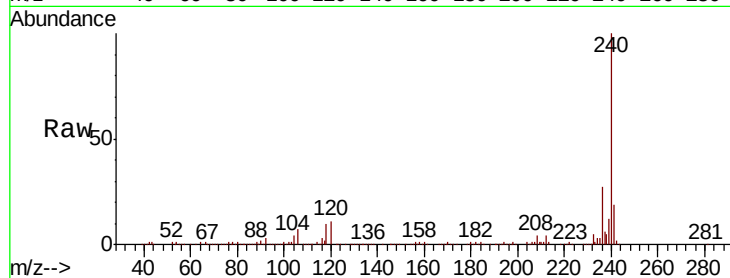
Tot Ion:240 Resp: 320731

Ion Ratio Lower Upper

240 100

120 11.2 9.3 13.9

236 26.5 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

500000

400000

300000

200000

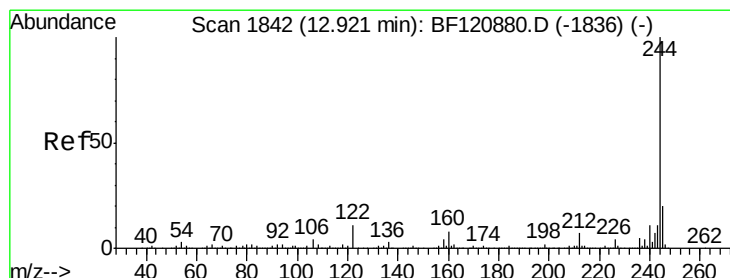
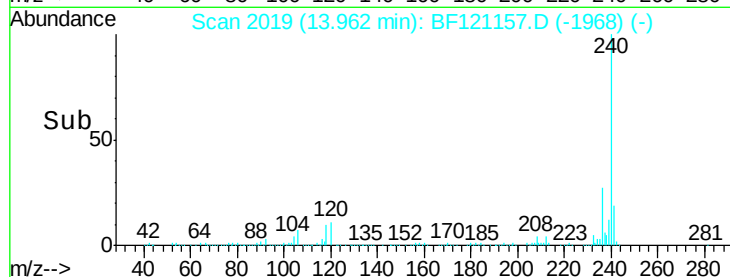
100000

0

13.96

13.90 13.95 14.00 14.05

Time-->



#79

Terphenyl-d14

Concen: 61.937 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121157.D

Acq: 31 Jul 2020 14:48

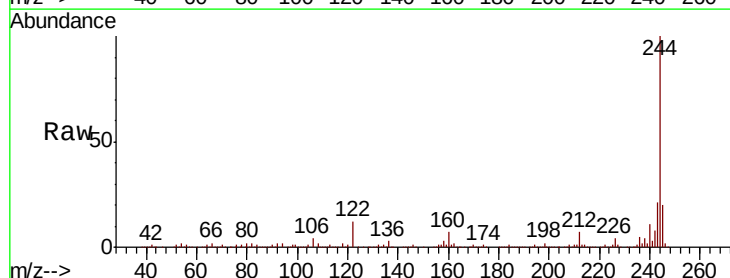
Tgt Ion:244 Resp: 913849

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 11.6 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

1200000

1000000

800000

600000

400000

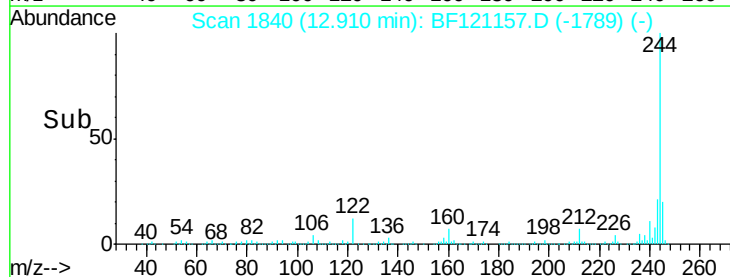
200000

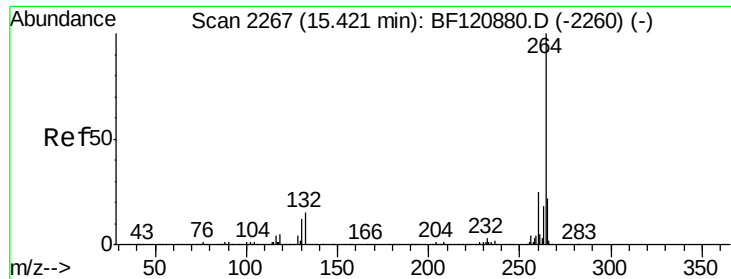
0

12.91

12.90 13.00

Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121157.D
Acq: 31 Jul 2020 14:48

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.9	29.9
265	21.2	17.8	26.8

