

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121153.D
 Acq On : 31 Jul 2020 12:51
 Operator : JU/CG
 Sample : L3511-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP

Quant Time: Jul 31 13:39:02 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

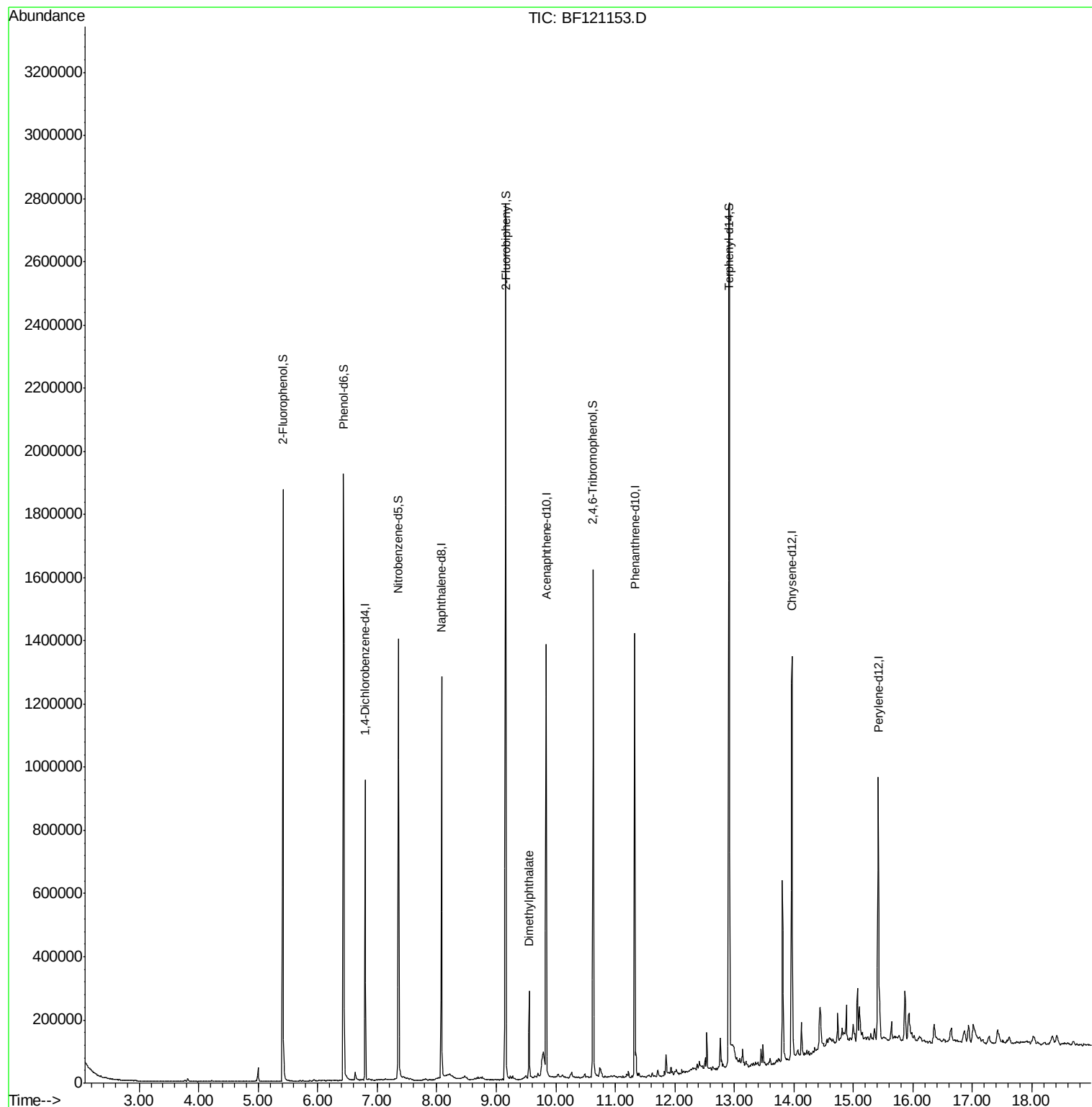
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	144842	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	565507	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	297663	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	575654	20.00	ng	0.00
76) Chrysene-d12	13.97	240	449315	20.00	ng	0.00
86) Perylene-d12	15.42	264	386631	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	567748	64.26	ng	0.00
7) Phenol-d6	6.43	99	706726	61.92	ng	-0.01
23) Nitrobenzene-d5	7.36	82	462916	47.37	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	219598	67.40	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	911897	45.74	ng	0.00
79) Terphenyl-d14	12.91	244	974785	47.16	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	106741	4.971	ng	Qvalue 99

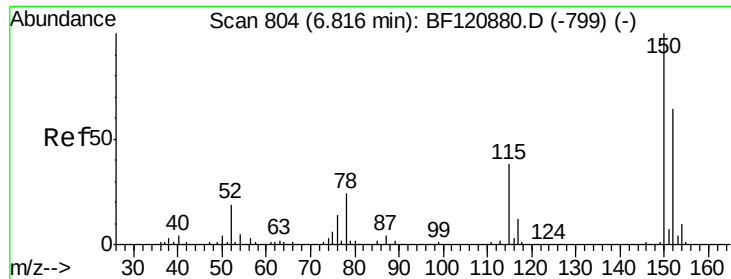
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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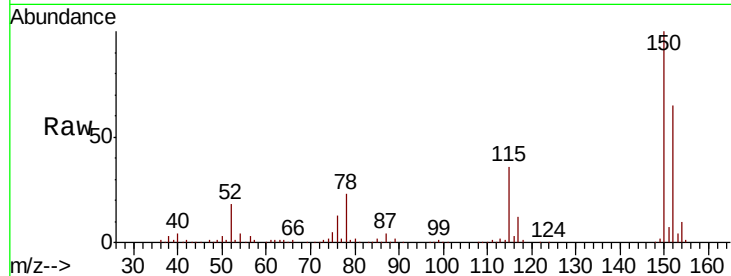


#1

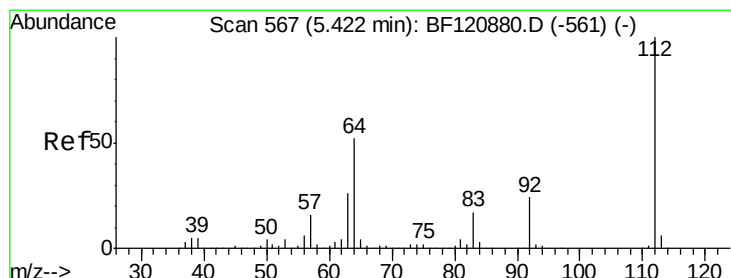
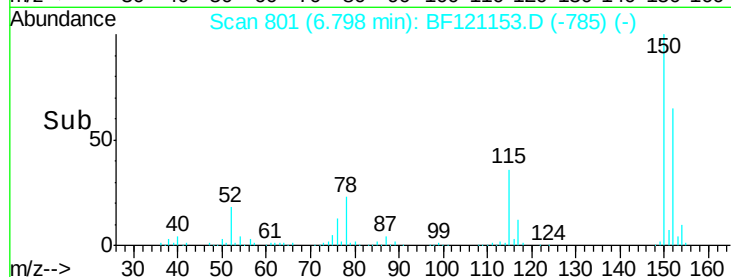
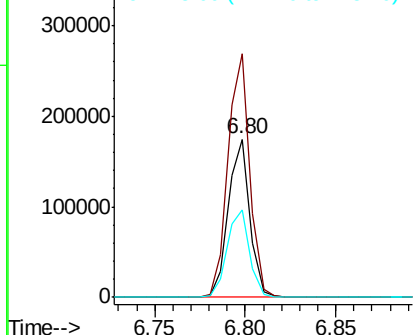
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121153.D
Acq: 31 Jul 2020 12:51

Instrument :
BNA_F
ClientSampleId :
SP

Tot Ion:152 Resp: 144842
Ion Ratio Lower Upper
152 100
150 153.8 125.6 188.4
115 55.6 46.2 69.2



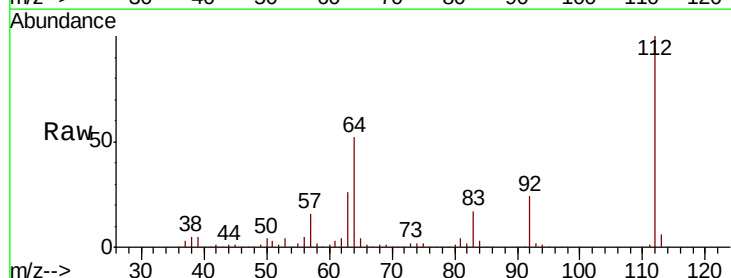
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



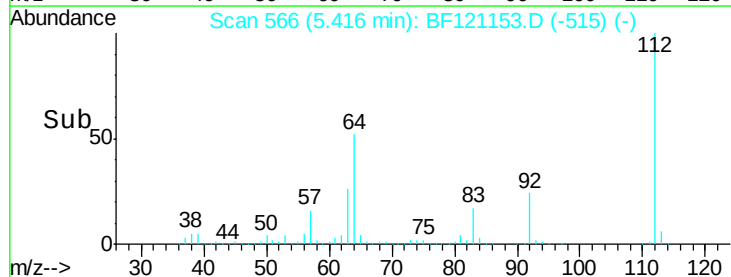
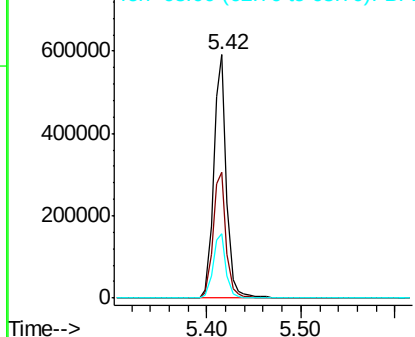
#5

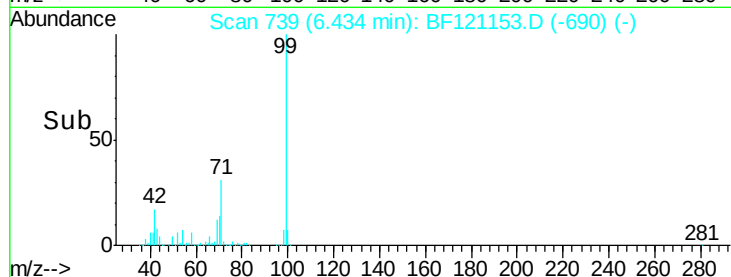
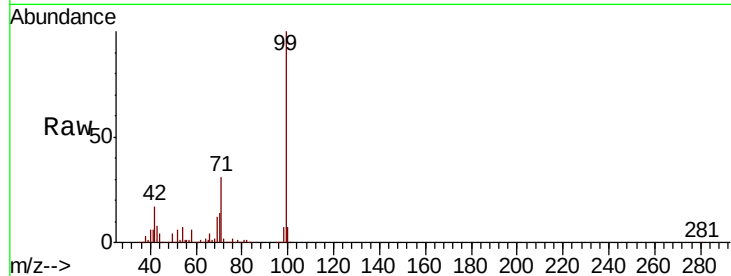
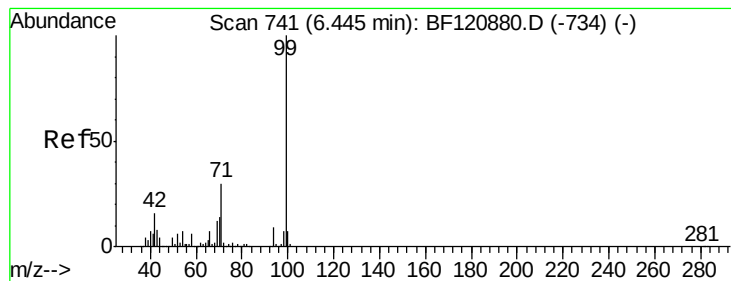
2-Fluorophenol
Concen: 64.259 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF121153.D
Acq: 31 Jul 2020 12:51

Tgt Ion:112 Resp: 567748
Ion Ratio Lower Upper
112 100
64 51.8 43.9 65.9
63 26.3 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: 61.923 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121153.D

Acq: 31 Jul 2020 12:51

Instrument :

BNA_F

ClientSampleId :

SP

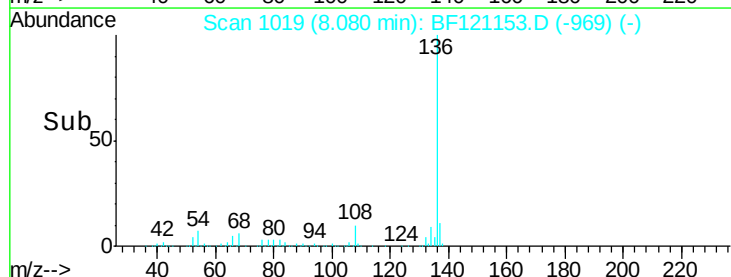
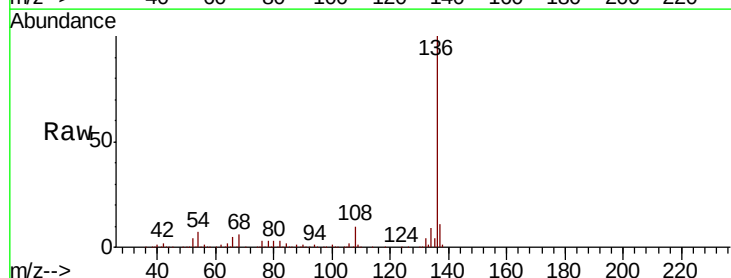
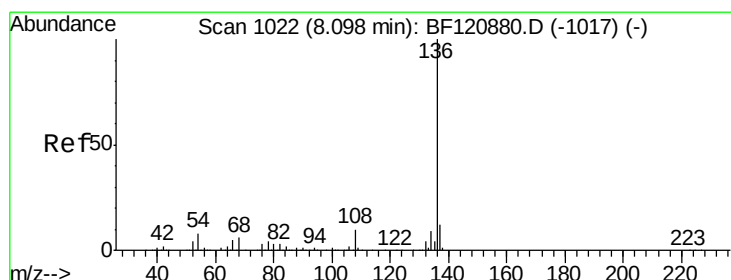
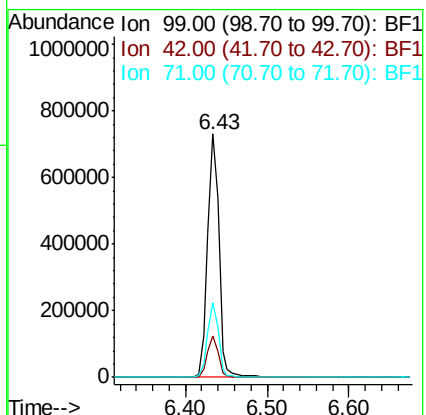
Tot Ion: 99 Resp: 706726

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

71 30.5 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: BF121153.D

Acq: 31 Jul 2020 12:51

Tgt Ion: 136 Resp: 565507

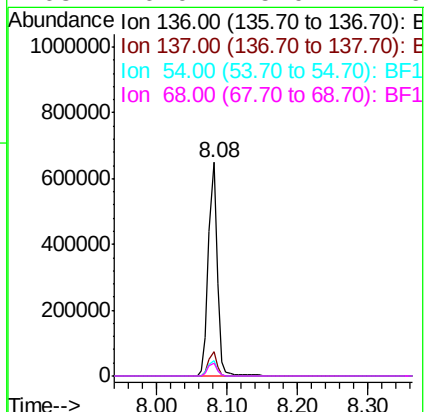
Ion Ratio Lower Upper

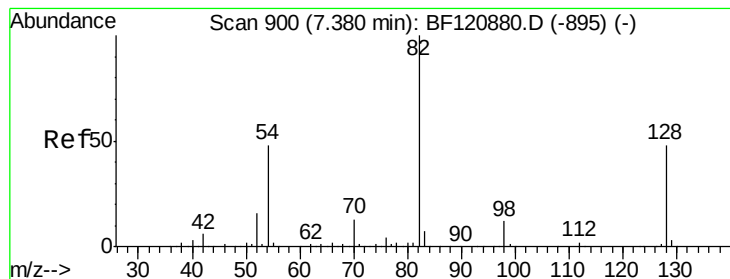
136 100

137 11.2 9.0 13.4

54 7.2 6.1 9.1

68 6.0 5.0 7.6





#23

Nitrobenzene-d5

Concen: 47.366 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121153.D

Acq: 31 Jul 2020 12:51

Instrument :

BNA_F

ClientSampleId :

SP

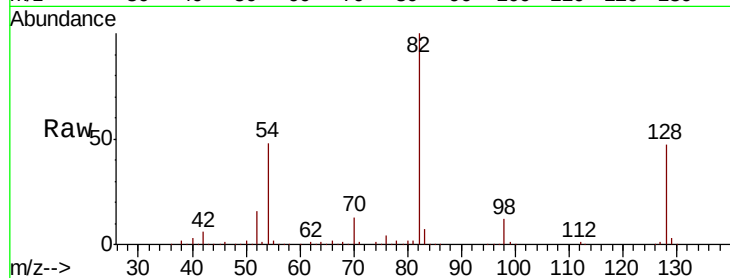
Tot Ion: 82 Resp: 462916

Ion Ratio Lower Upper

82 100

128 47.2 39.2 58.8

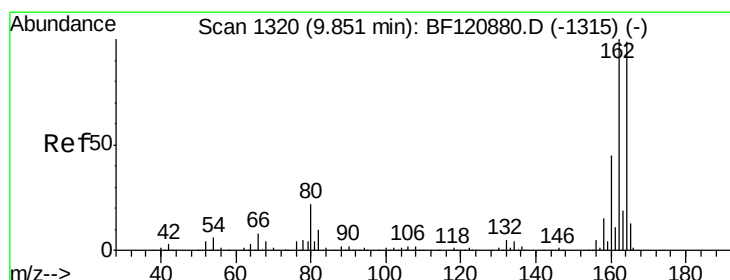
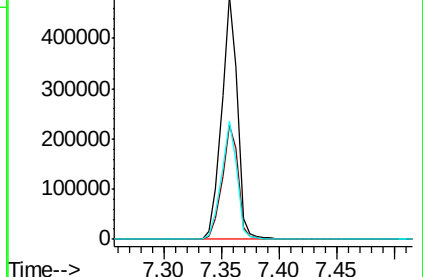
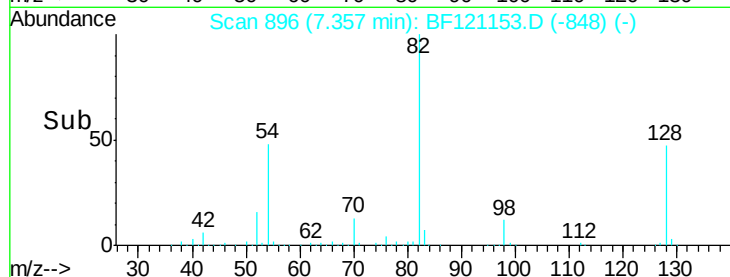
54 48.5 37.8 56.8



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: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF121153.D

Acq: 31 Jul 2020 12:51

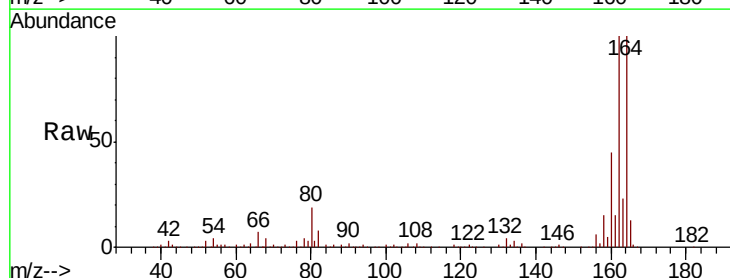
Tgt Ion:164 Resp: 297663

Ion Ratio Lower Upper

164 100

162 100.2 82.2 123.2

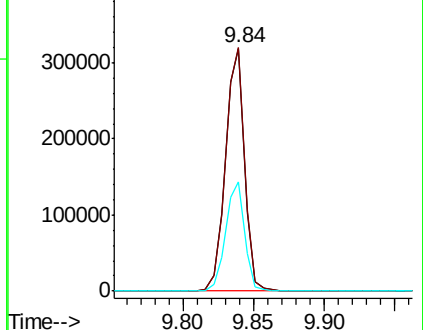
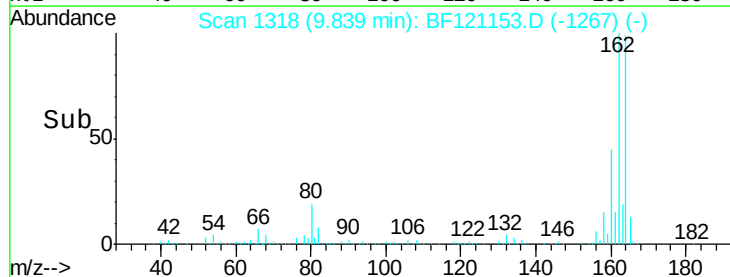
160 45.1 37.2 55.8

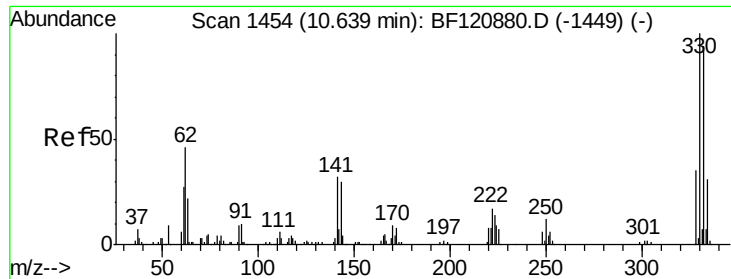


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

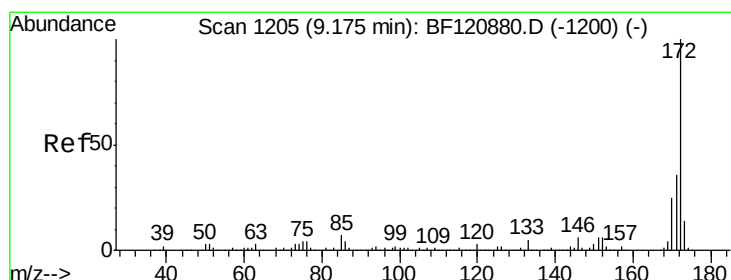
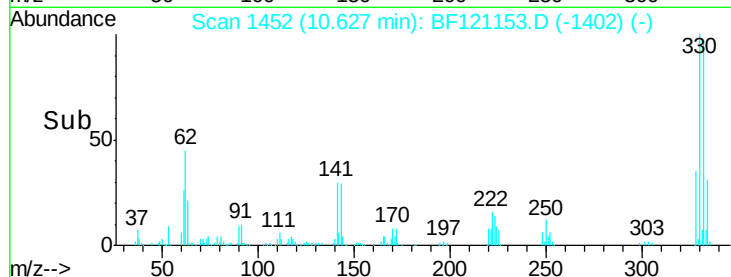
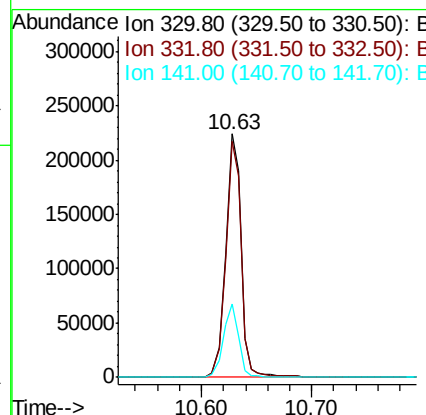
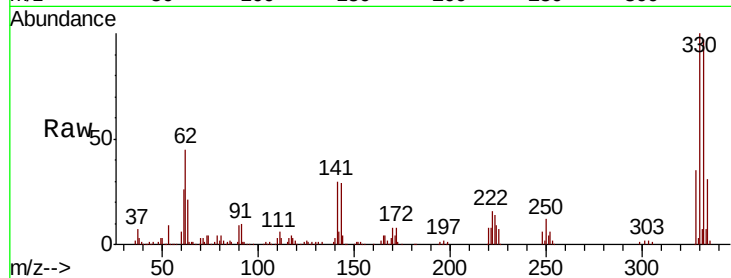




#42
 2,4,6-Tribromophenol
 Concen: 67.398 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121153.D
 Acq: 31 Jul 2020 12:51

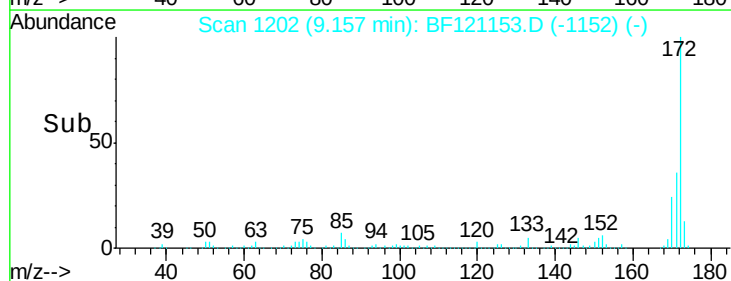
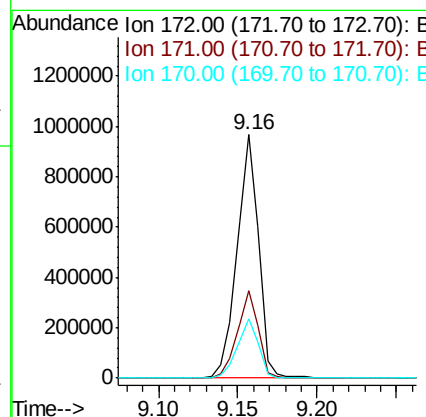
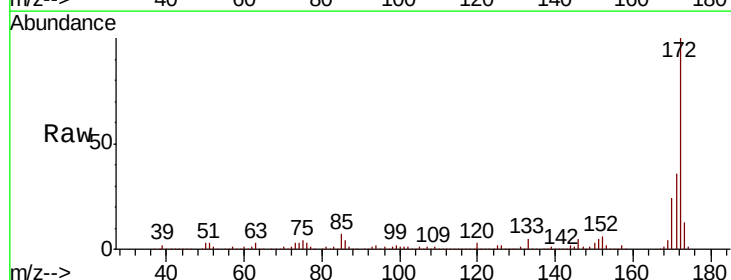
Instrument :
 BNA_F
 ClientSampleId :
 SP

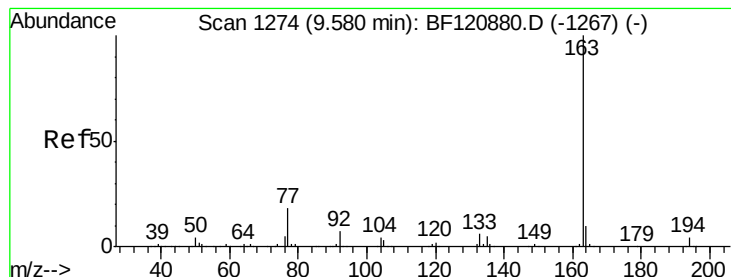
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.1	114.1
141	30.0	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 45.740 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121153.D
 Acq: 31 Jul 2020 12:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.1	19.6	29.4





#50

Dimethylphthalate

Concen: 4.971 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF121153.D

Acq: 31 Jul 2020 12:51

Instrument :

BNA_F

ClientSampleId :

SP

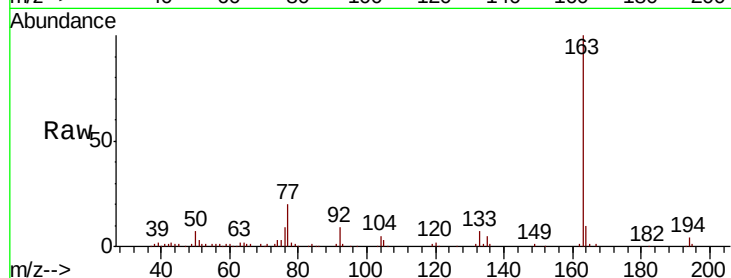
Tot Ion:163 Resp: 106741

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

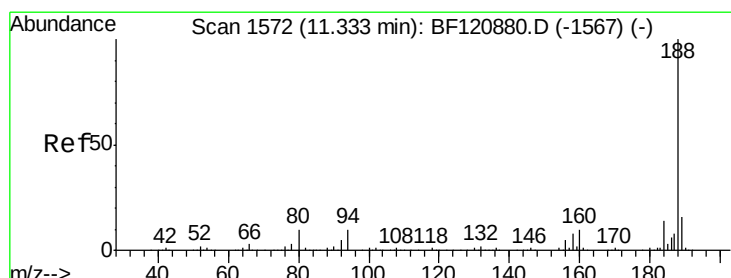
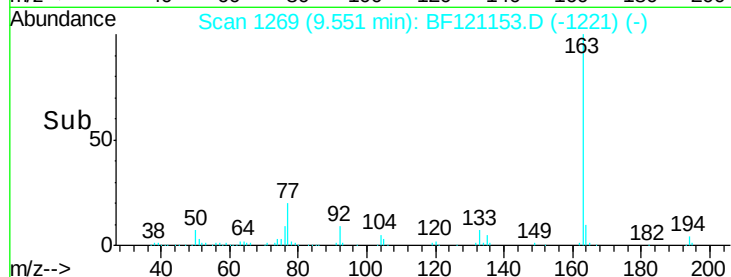
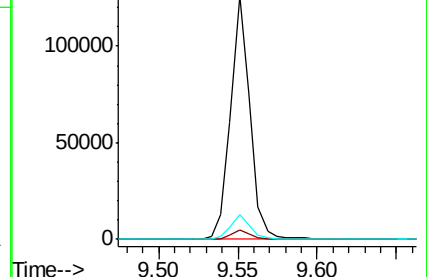
164 10.1 8.4 12.6



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: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF121153.D

Acq: 31 Jul 2020 12:51

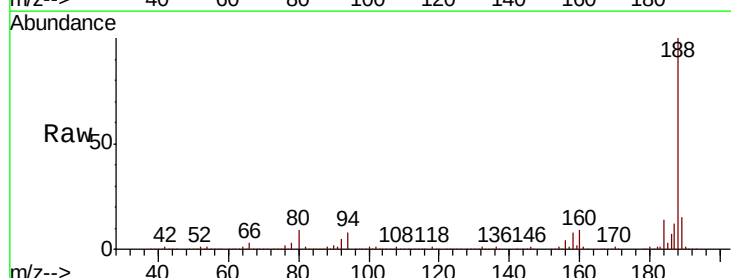
Tgt Ion:188 Resp: 575654

Ion Ratio Lower Upper

188 100

94 8.4 8.0 12.0

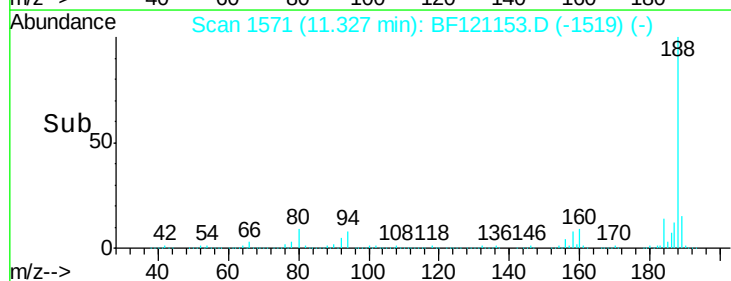
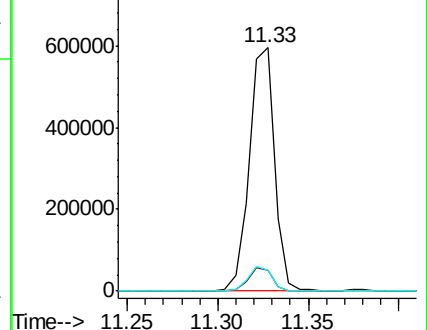
80 8.8 8.3 12.5

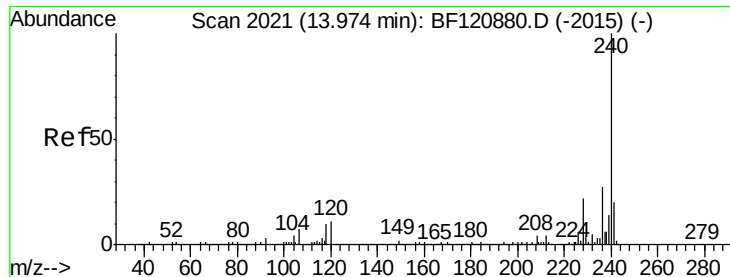


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF121153.D

Acq: 31 Jul 2020 12:51

Instrument :

BNA_F

ClientSampleId :

SP

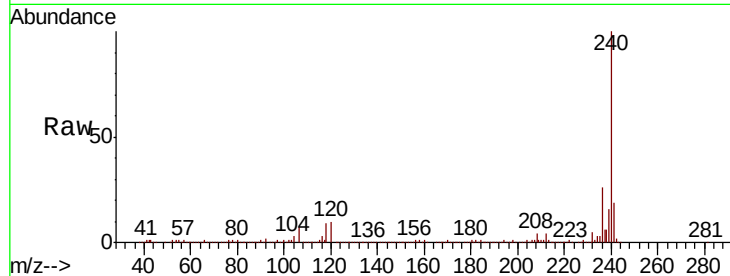
Tot Ion:240 Resp: 449315

Ion Ratio Lower Upper

240 100

120 10.0 9.3 13.9

236 26.4 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

600000

500000

400000

300000

200000

100000

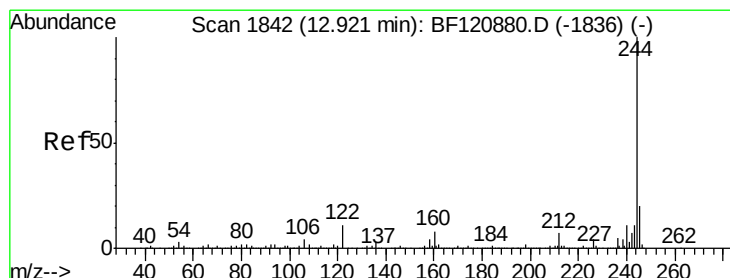
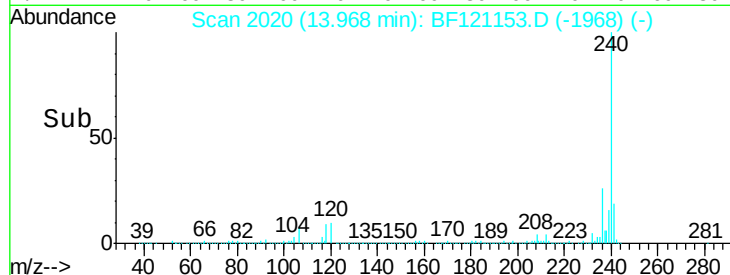
0

13.97

13.90

14.00

Time-->



#79

Terphenyl-d14

Concen: 47.160 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121153.D

Acq: 31 Jul 2020 12:51

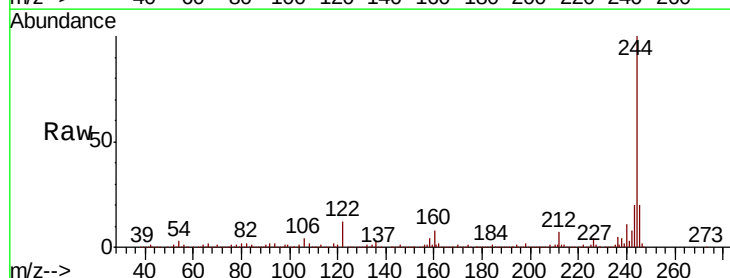
Tgt Ion:244 Resp: 974785

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 12.0 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

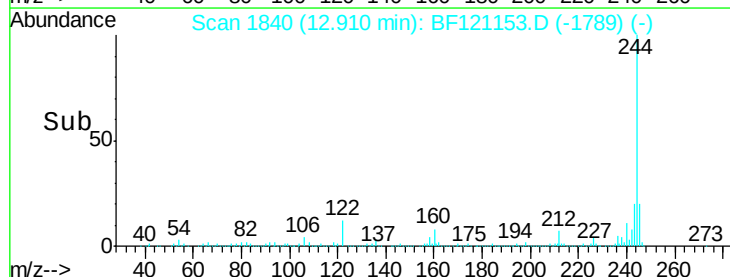
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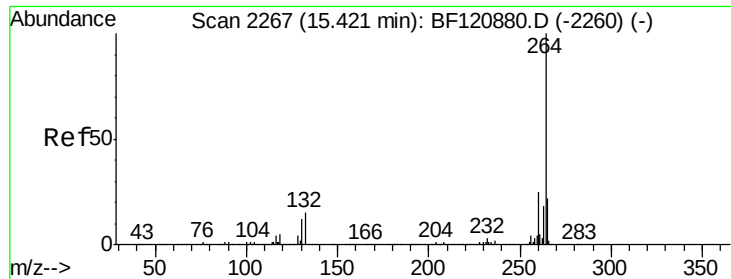
12.91

12.80

13.00

Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121153.D
Acq: 31 Jul 2020 12:51

Instrument :
BNA_F
ClientSampleId :
SP

Tot Ion:264 Resp: 386631

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.9	29.9
265	22.4	17.8	26.8

