

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
 Data File : BF121132.D
 Acq On : 30 Jul 2020 17:10
 Operator : JU/CG
 Sample : L3489-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-1

Quant Time: Jul 30 18:10:33 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

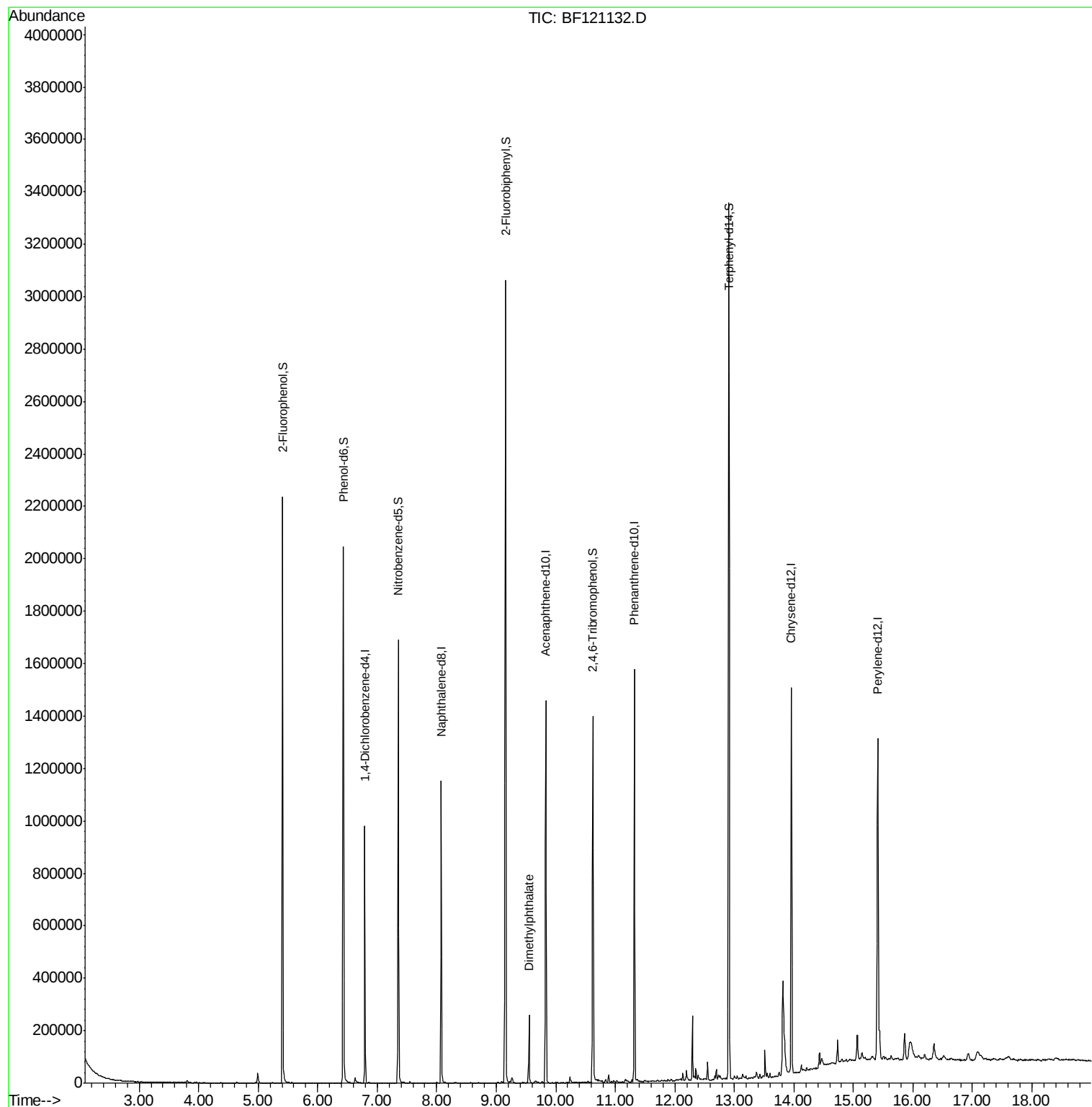
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	140167	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	540158	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	283935	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	564951	20.00	ng	0.00
76) Chrysene-d12	13.96	240	532339	20.00	ng	0.00
86) Perylene-d12	15.41	264	552405	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	651515	76.20	ng	0.00
7) Phenol-d6	6.43	99	815821	73.87	ng	-0.01
23) Nitrobenzene-d5	7.36	82	528782	56.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	178085	57.30	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1014743	53.36	ng	0.00
79) Terphenyl-d14	12.91	244	1181569	48.25	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	121133	5.913	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: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF121132.D

Acq: 30 Jul 2020 17:10

Instrument :

BNA_F

ClientSampleId :

CS-1

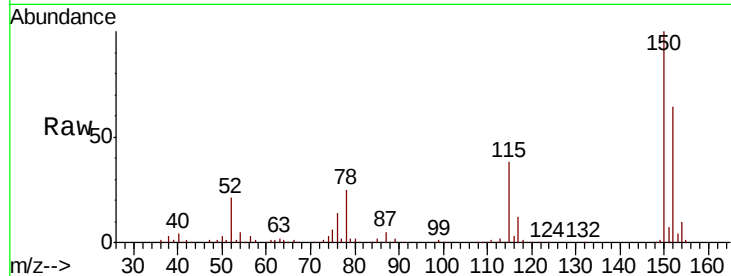
Tot Ion:152 Resp: 140167

Ion Ratio Lower Upper

152 100

150 156.7 125.6 188.4

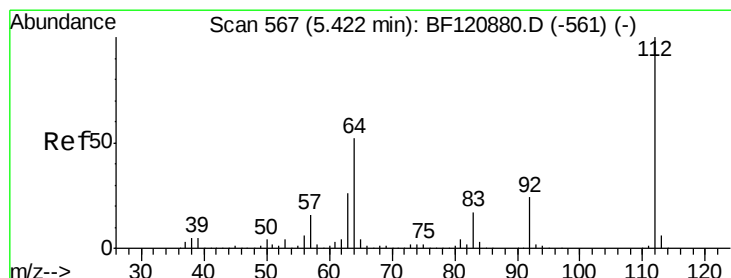
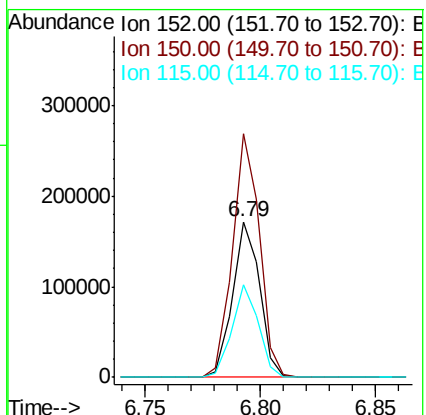
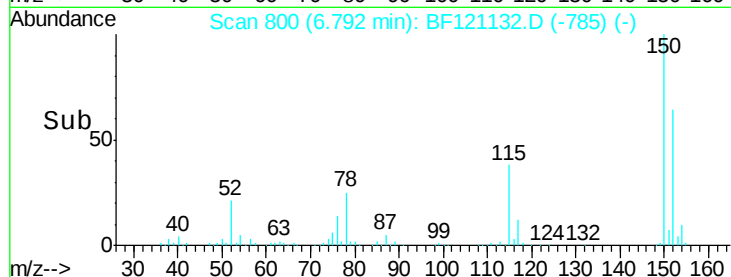
115 59.7 46.2 69.2



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: 76.199 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF121132.D

Acq: 30 Jul 2020 17:10

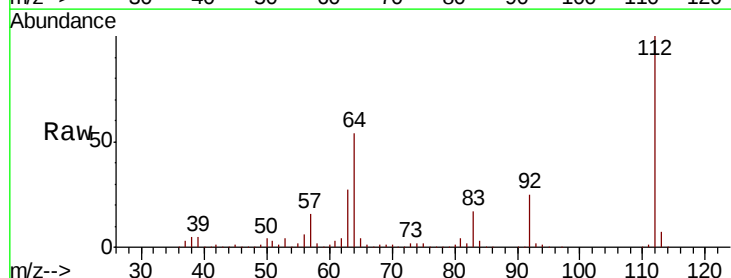
Tgt Ion:112 Resp: 651515

Ion Ratio Lower Upper

112 100

64 53.6 43.9 65.9

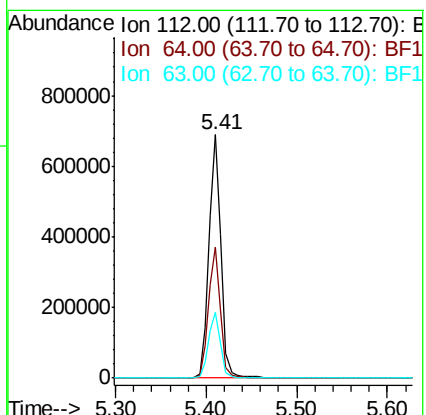
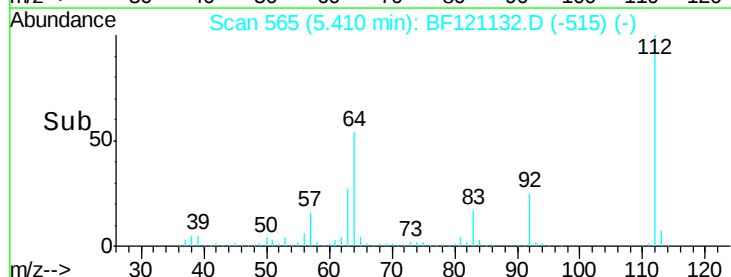
63 27.1 22.7 34.1



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: 73.866 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121132.D

Acq: 30 Jul 2020 17:10

Instrument :

BNA_F

ClientSampled :

CS-1

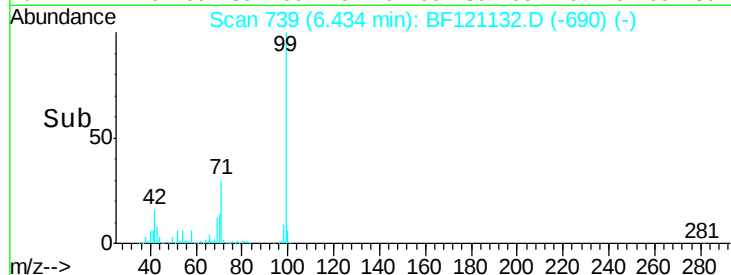
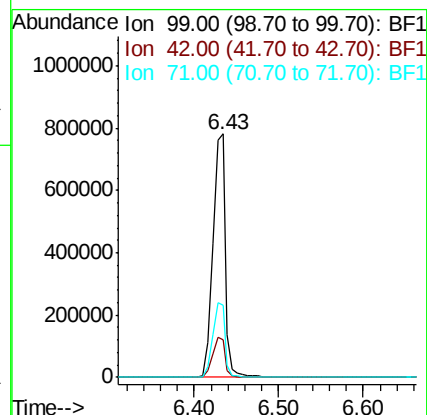
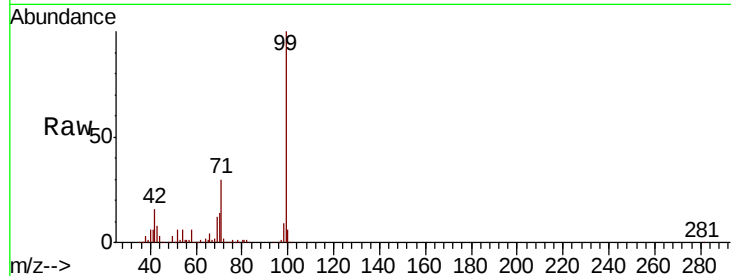
Tot Ion: 99 Resp: 815821

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

71 29.9 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: BF121132.D

Acq: 30 Jul 2020 17:10

Tgt Ion: 136 Resp: 540158

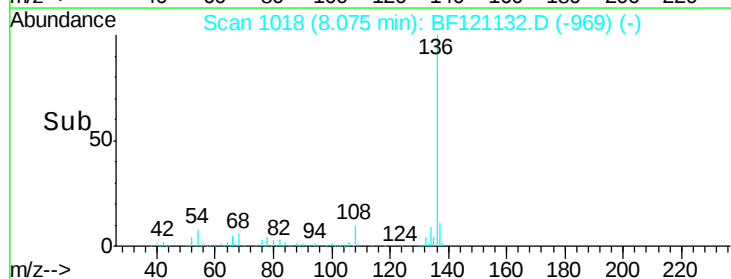
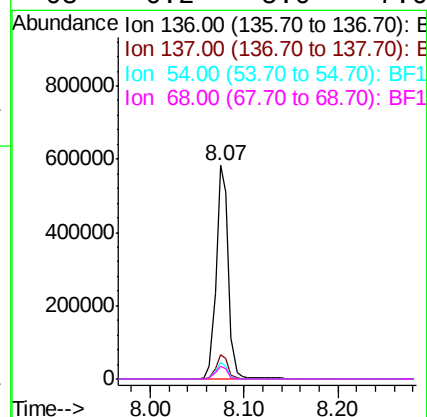
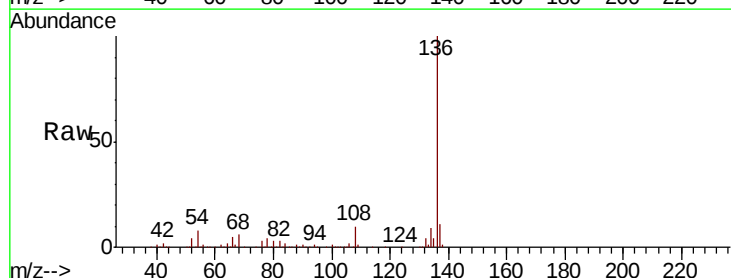
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.7 6.1 9.1

68 6.2 5.0 7.6

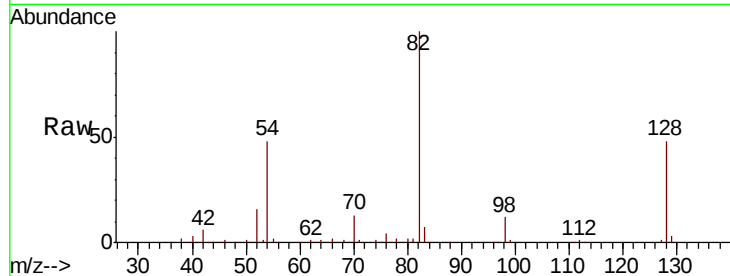




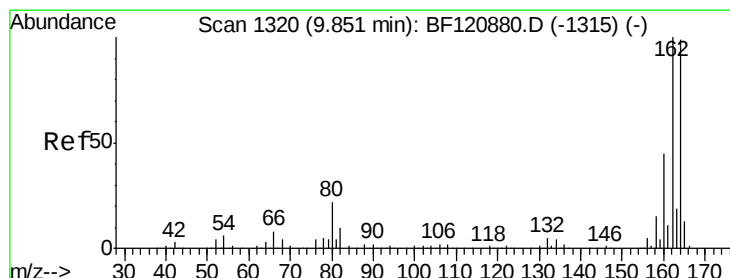
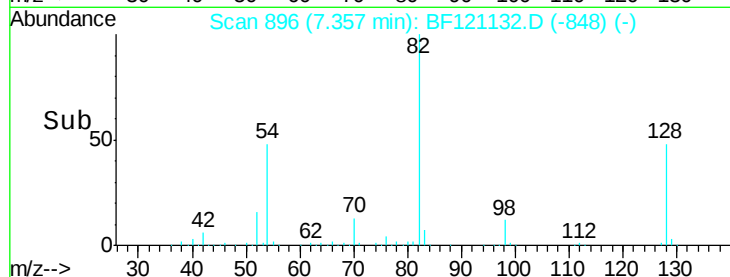
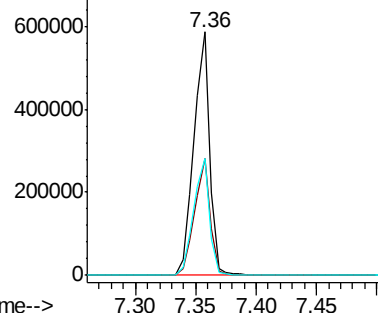
#23
 Nitrobenzene-d5
 Concen: 56.644 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121132.D
 Acq: 30 Jul 2020 17:10

Instrument :
 BNA_F
 ClientSampled :
 CS-1

Tot Ion	82	Resp	528782
Ion Ratio	100		
Lower			
Upper			
82	100		
128	47.9	39.2	58.8
54	47.9	37.8	56.8

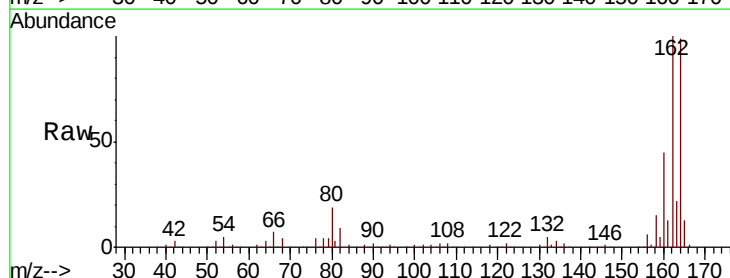


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

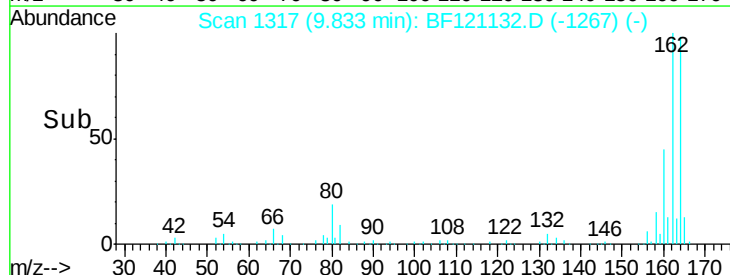
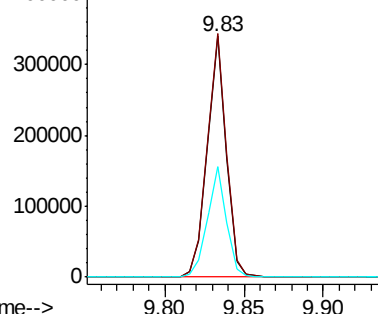


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121132.D
 Acq: 30 Jul 2020 17:10

Tgt Ion	164	Resp	283935
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
164	100		
162	101.1	82.2	123.2
160	45.9	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

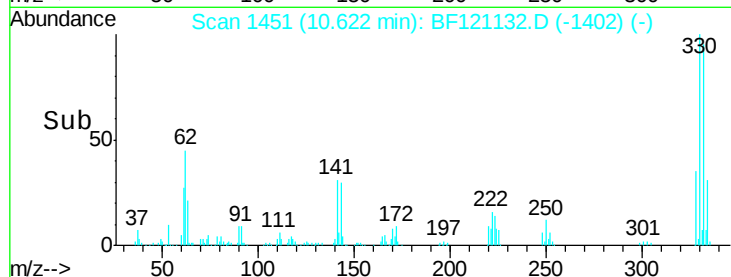
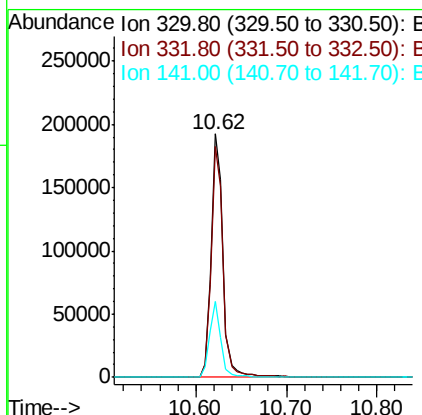
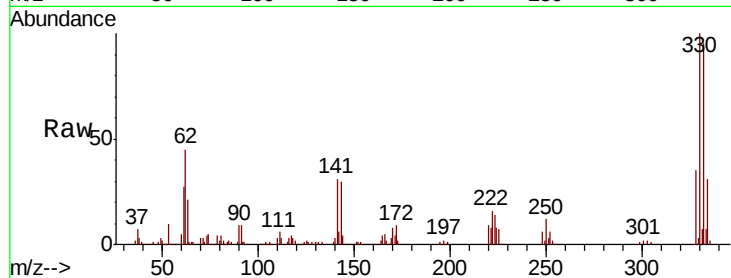




#42
 2,4,6-Tribromophenol
 Concen: 57.300 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF121132.D
 Acq: 30 Jul 2020 17:10

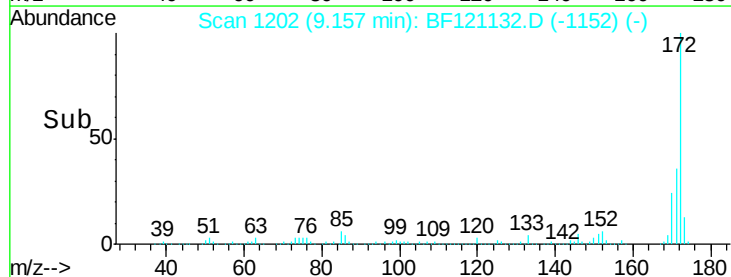
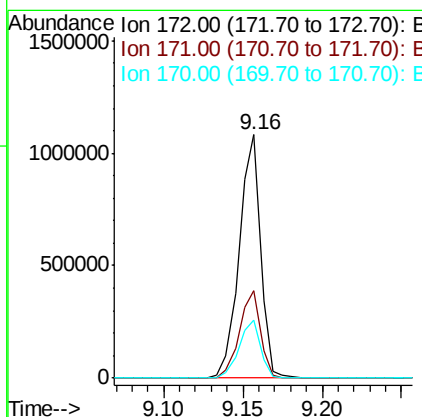
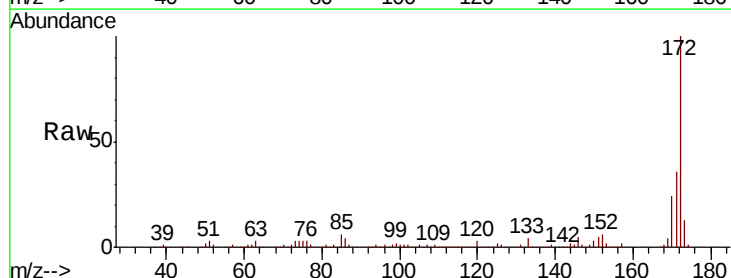
Instrument :
 BNA_F
 ClientSampled :
 CS-1

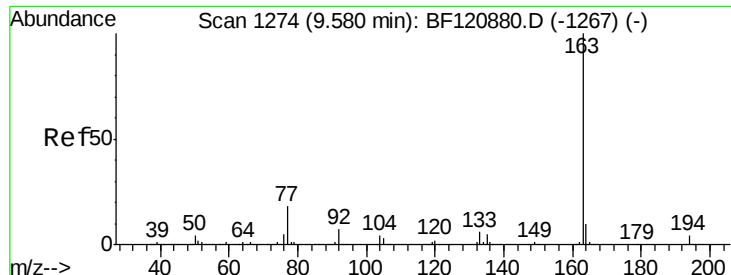
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.1	114.1
141	30.2	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 53.359 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121132.D
 Acq: 30 Jul 2020 17:10

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

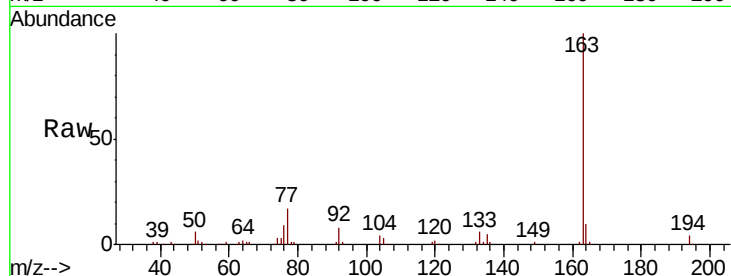




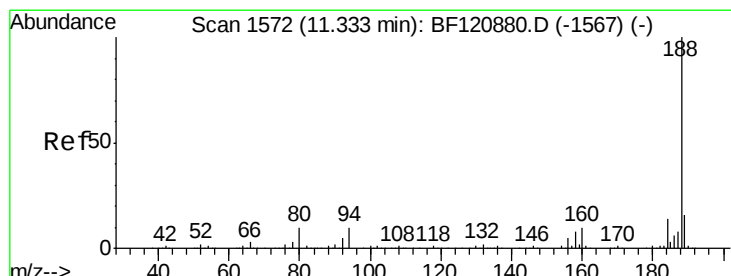
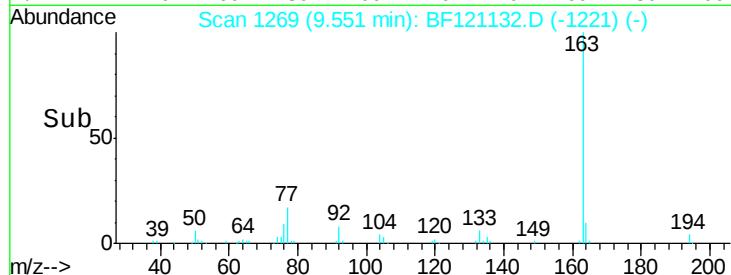
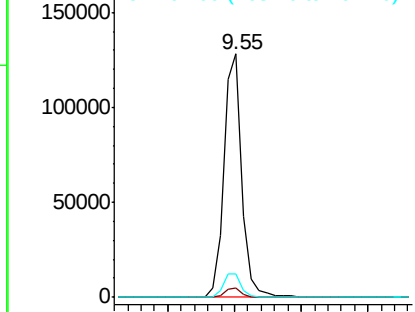
#50
Dimethylphthalate
Concen: 5.913 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121132.D
Acq: 30 Jul 2020 17:10

Instrument :
BNA_F
ClientSampleId :
CS-1

Tot Ion:163 Resp: 121133
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 9.7 8.4 12.6

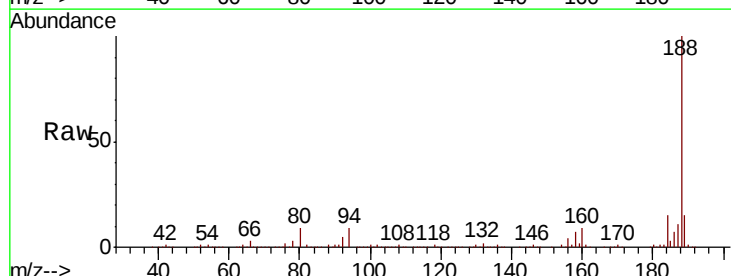


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

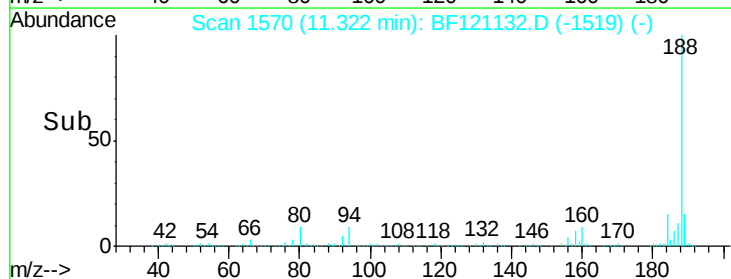
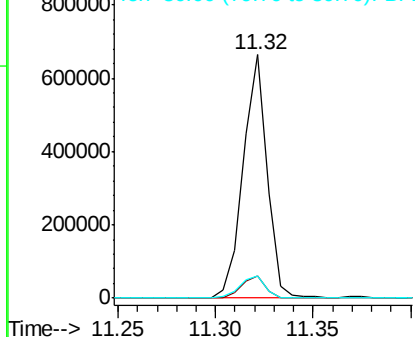


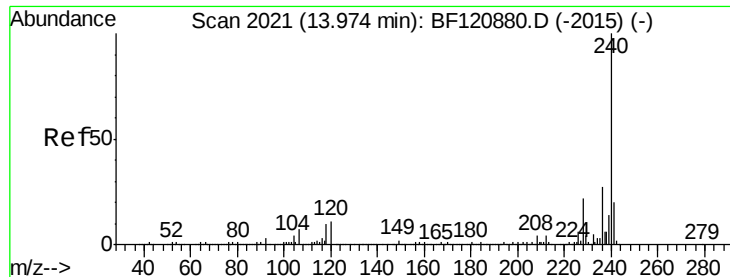
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121132.D
Acq: 30 Jul 2020 17:10

Tgt Ion:188 Resp: 564951
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 9.2 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# 2018

Delta R.T. -0.01 min

Lab File: BF121132.D

Acq: 30 Jul 2020 17:10

Instrument :

BNA_F

ClientSampleId :

CS-1

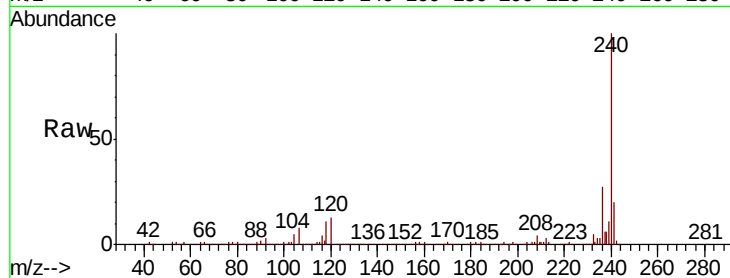
Tot Ion:240 Resp: 532339

Ion Ratio Lower Upper

240 100

120 12.7 9.3 13.9

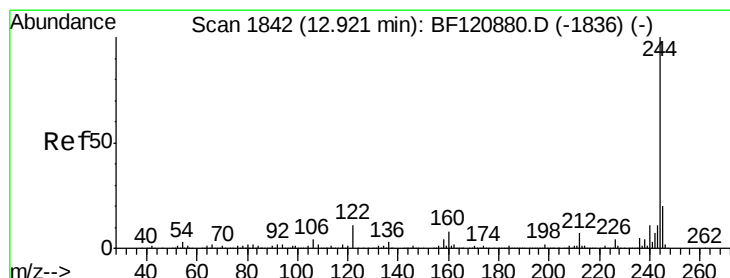
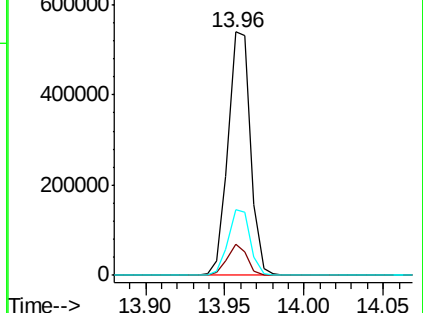
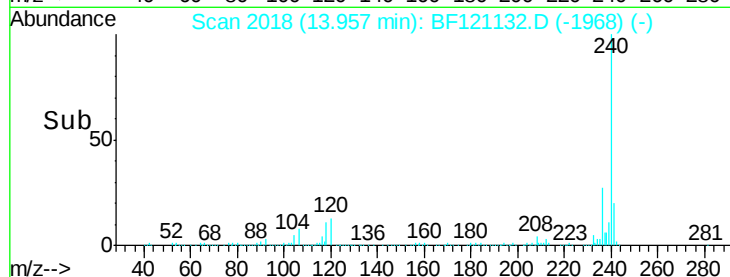
236 27.0 21.1 31.7



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: 48.249 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121132.D

Acq: 30 Jul 2020 17:10

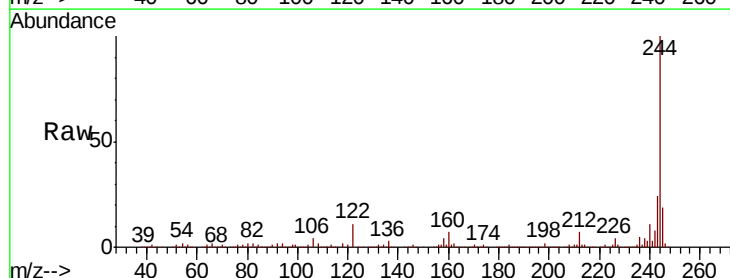
Tgt Ion:244 Resp: 1181569

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

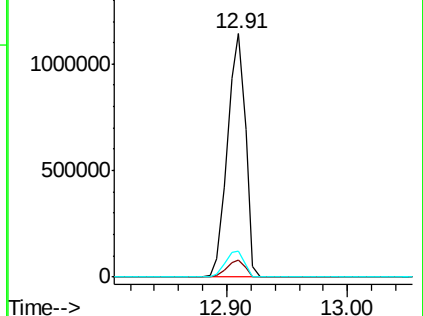
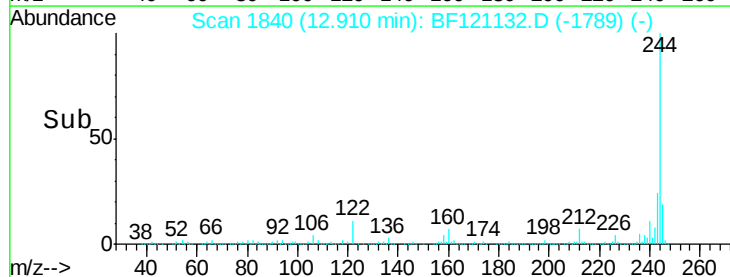
122 10.9 8.3 12.5

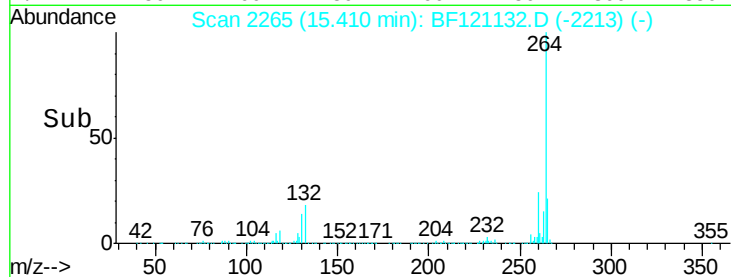
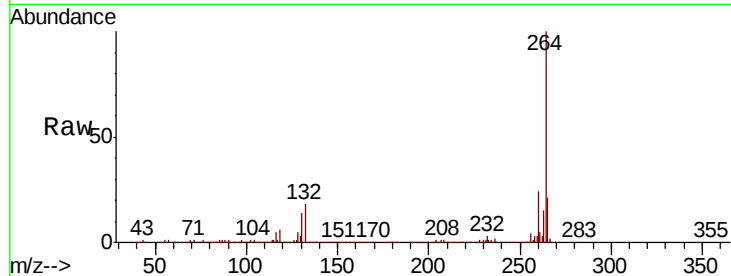
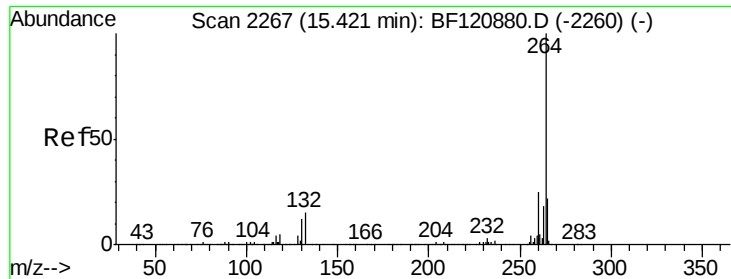


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF121132.D
Acq: 30 Jul 2020 17:10

Instrument :
BNA_F
ClientSampleId :
CS-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.9	29.9
265	21.5	17.8	26.8

