

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
 Data File : BF121856.D
 Acq On : 6 Oct 2020 17:00
 Operator : JU/CG
 Sample : L4272-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-2-(6)

Quant Time: Oct 06 17:54:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

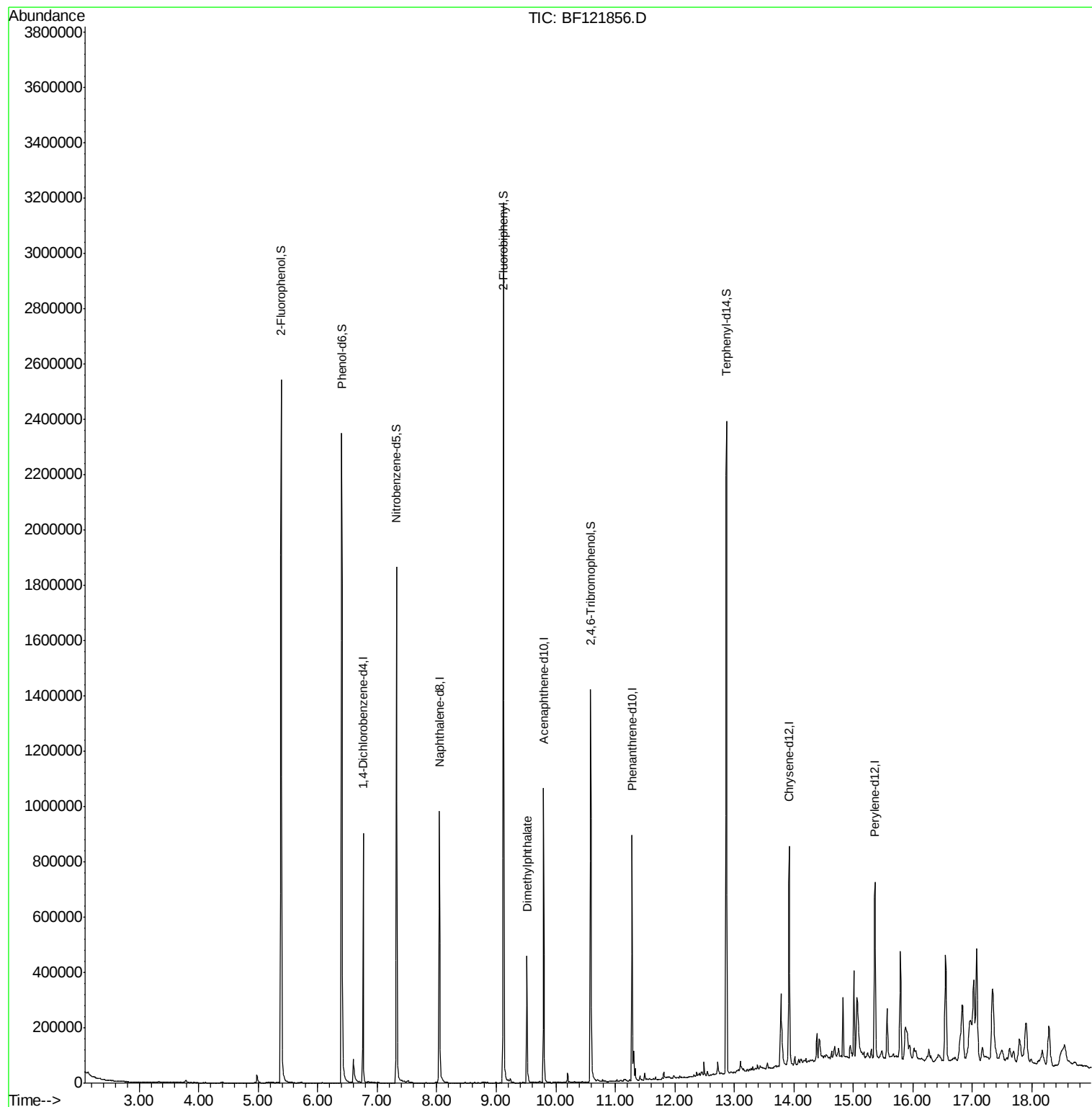
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	120050	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	455555	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	208283	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	323402	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	260100	20.00	ng	-0.01
86) Perylene-d12	15.36	264	272592	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	690973	85.54	ng	0.00
7) Phenol-d6	6.40	99	886414	83.64	ng	-0.01
23) Nitrobenzene-d5	7.33	82	596697	70.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	188992	73.01	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	998979	72.64	ng	-0.01
79) Terphenyl-d14	12.87	244	758739	59.10	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.52	163	190377	12.611	ng	Qvalue 99

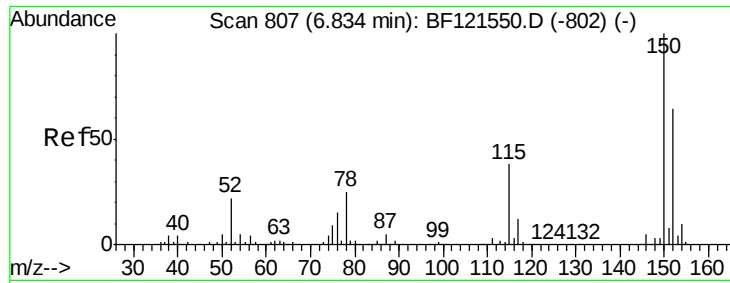
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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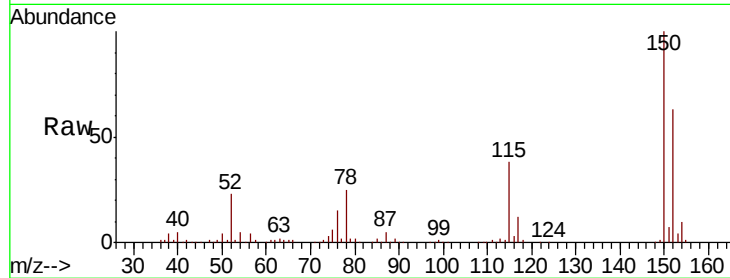


#1

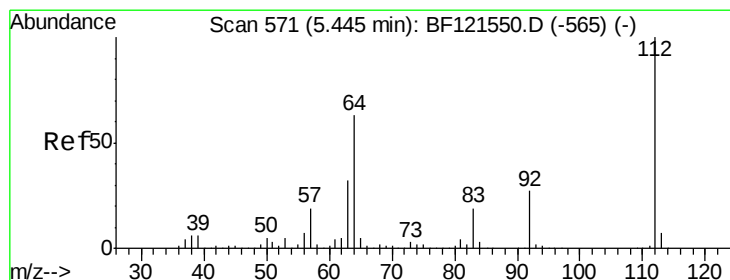
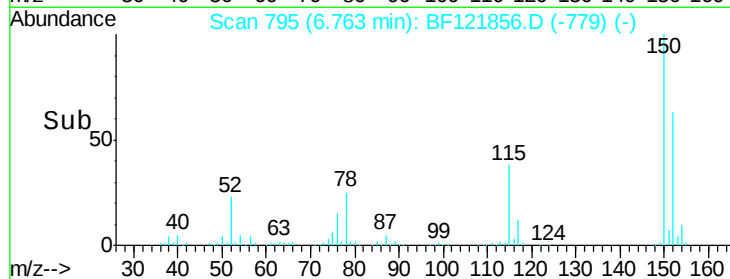
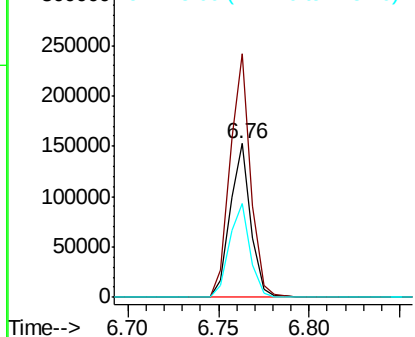
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF121856.D
 Acq: 6 Oct 2020 17:00

Instrument :
 BNA_F
 ClientSampleId :
 MH-2-(6)

Tot Ion:152 Resp: 120050
 Ion Ratio Lower Upper
 152 100
 150 158.7 125.3 187.9
 115 60.9 51.9 77.9



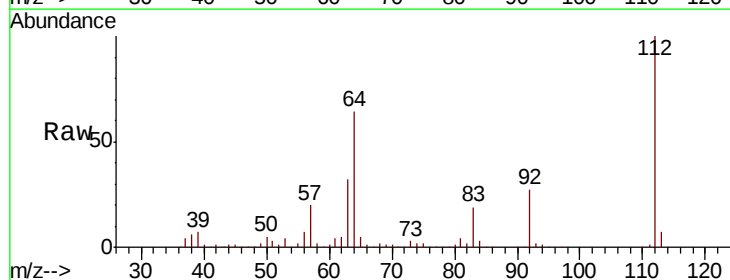
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



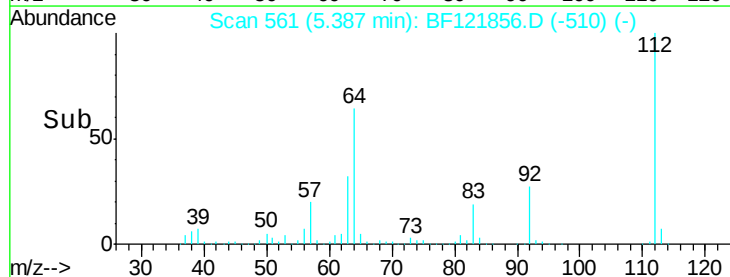
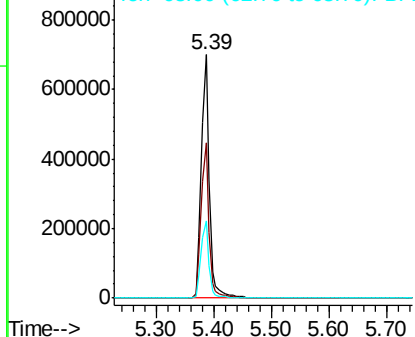
#5

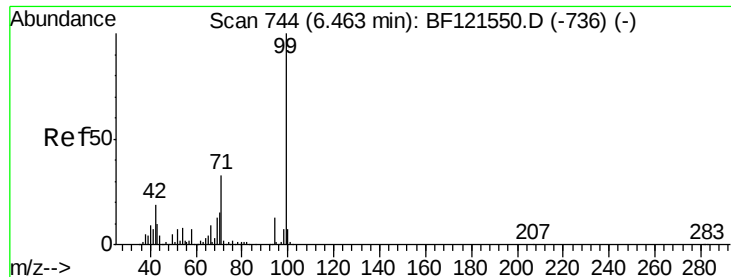
2-Fluorophenol
 Concen: 85.537 ng
 RT: 5.39 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF121856.D
 Acq: 6 Oct 2020 17:00

Tgt Ion:112 Resp: 690973
 Ion Ratio Lower Upper
 112 100
 64 63.9 50.4 75.6
 63 31.9 25.8 38.6



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: 83.640 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121856.D

Acq: 6 Oct 2020 17:00

Instrument :

BNA_F

ClientSampled :

MH-2-(6)

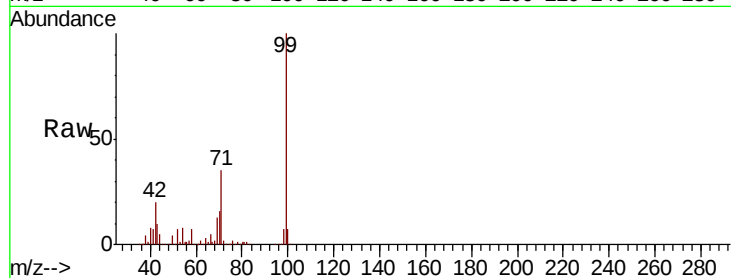
Tot Ion: 99 Resp: 886414

Ion Ratio Lower Upper

99 100

42 20.3 15.9 23.9

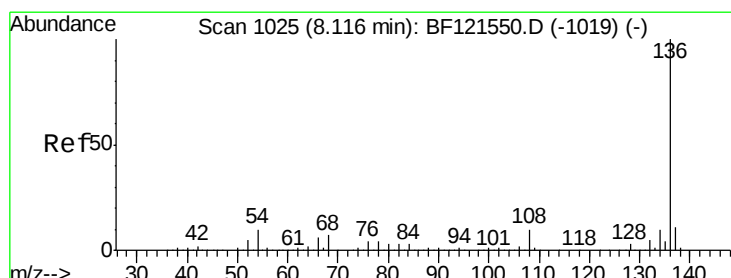
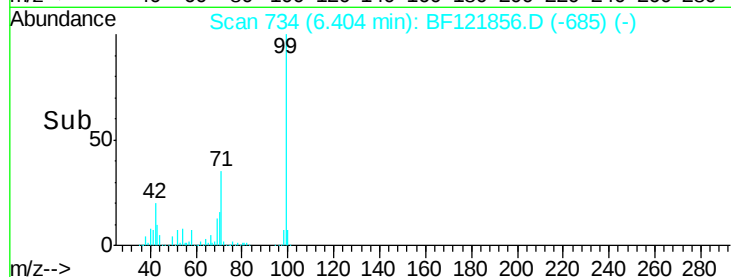
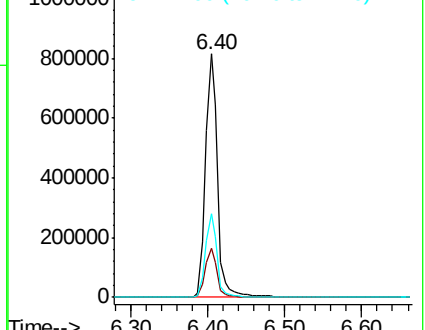
71 34.5 27.1 40.7



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: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121856.D

Acq: 6 Oct 2020 17:00

Tgt Ion: 136 Resp: 455555

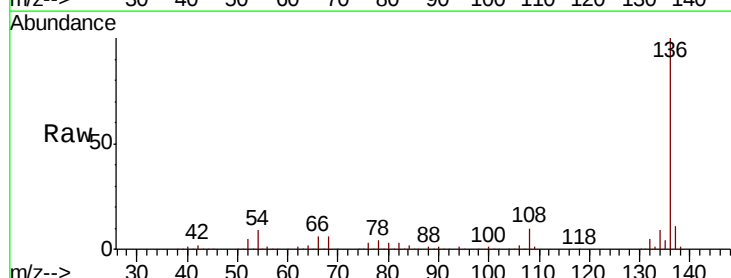
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 9.1 7.1 10.7

68 6.5 5.0 7.4

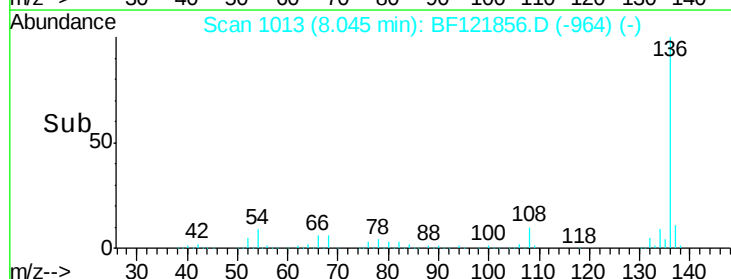
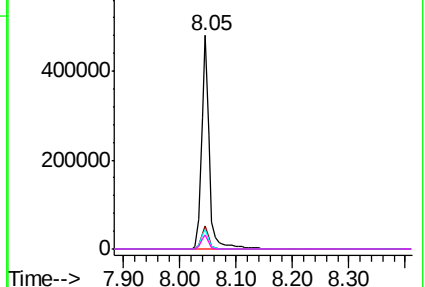


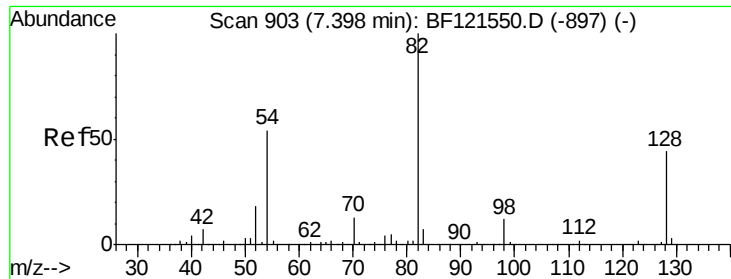
Abundance Ion 136.00 (135.70 to 136.70): E

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

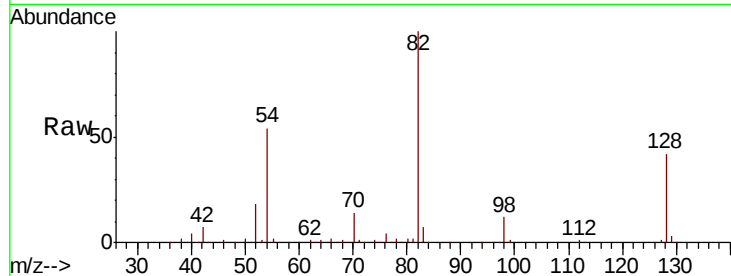




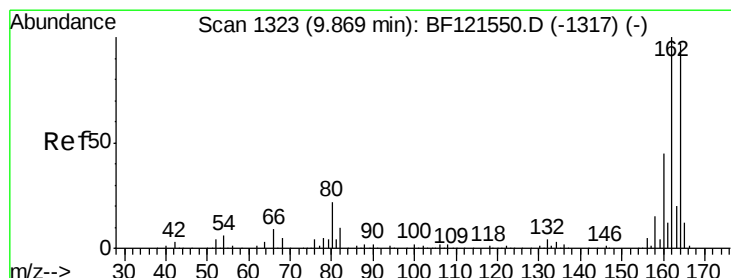
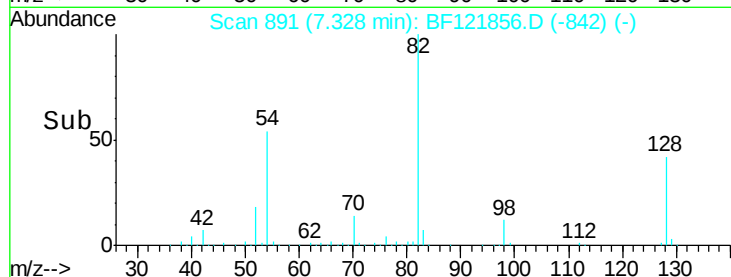
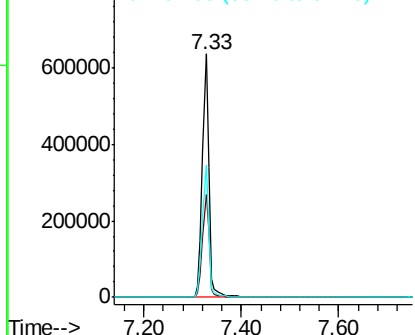
#23
Nitrobenzene-d5
Concen: 70.327 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121856.D
Acq: 6 Oct 2020 17:00

Instrument :
BNA_F
ClientSampleId :
MH-2-(6)

Tot Ion	82	Resp	596697
Ion Ratio	Lower	Upper	
82	100		
128	42.4	35.0	52.4
54	54.2	43.9	65.9

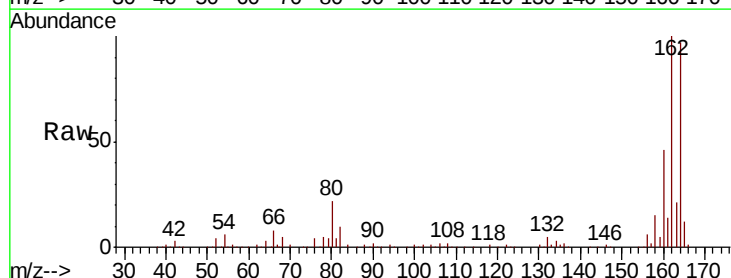


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

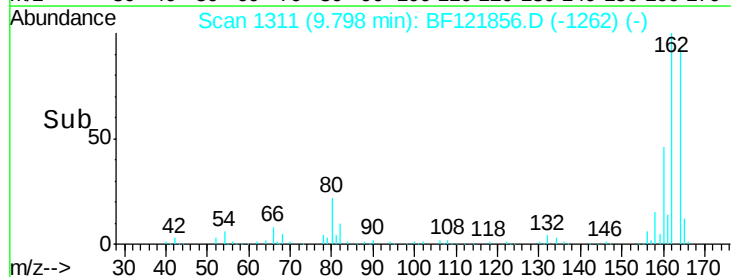
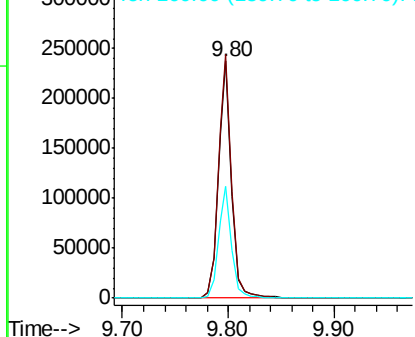


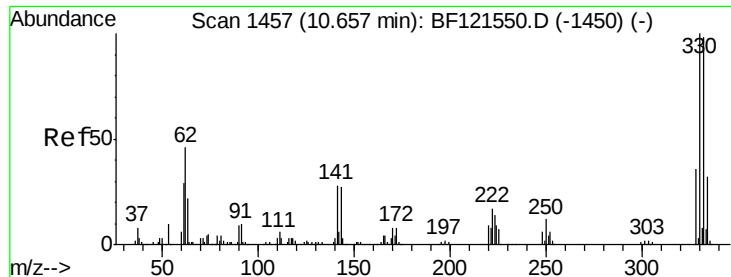
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121856.D
Acq: 6 Oct 2020 17:00

Tgt Ion	164	Resp	208283
Ion Ratio	Lower	Upper	
164	100		
162	102.8	83.2	124.8
160	47.0	37.5	56.3



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

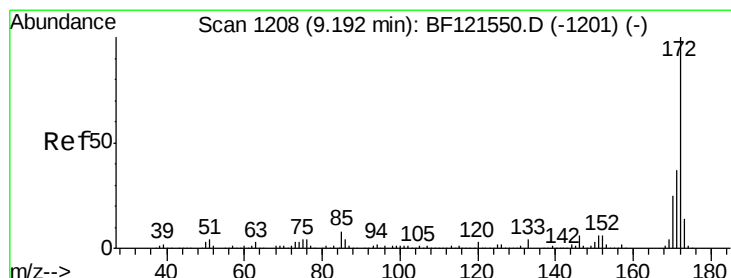
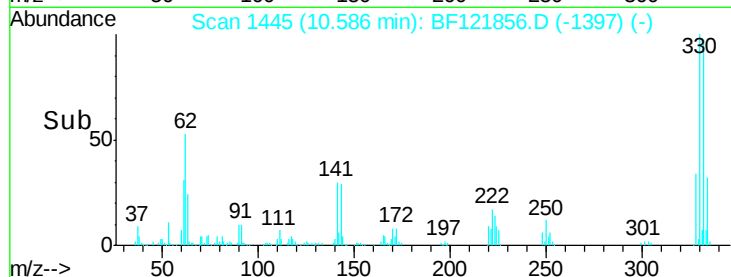
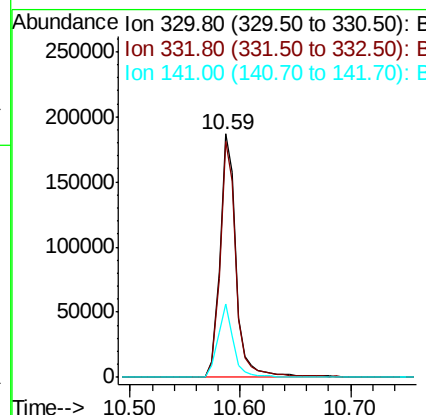
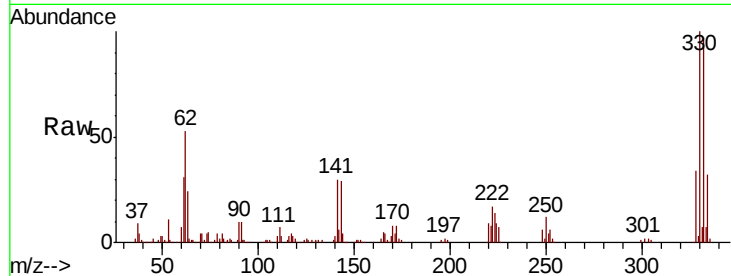




#42
 2,4,6-Tribromophenol
 Concen: 73.007 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF121856.D
 Acq: 6 Oct 2020 17:00

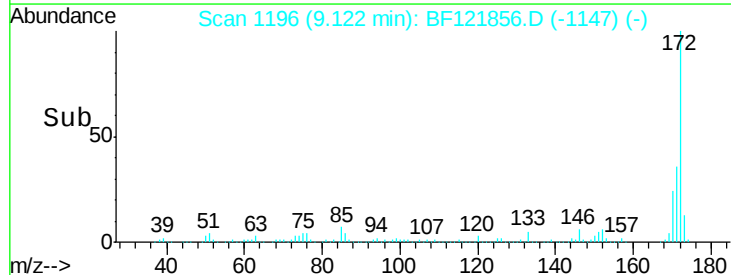
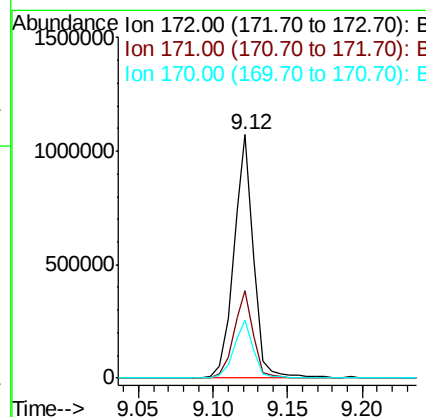
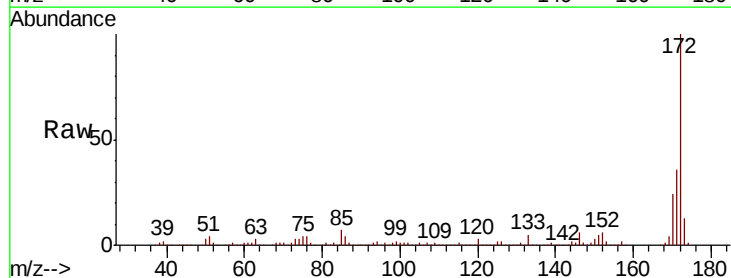
Instrument :
 BNA_F
 ClientSampleId :
 MH-2-(6)

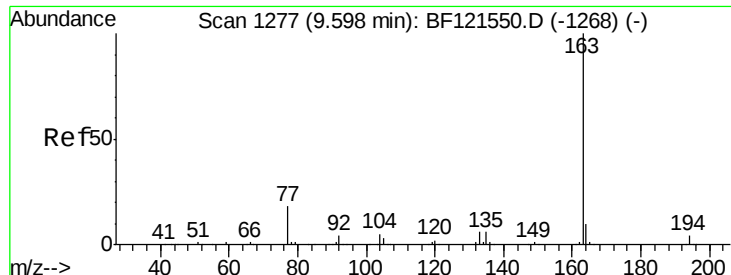
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	29.3	22.3	33.5



#45
 2-Fluorobiphenyl
 Concen: 72.641 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121856.D
 Acq: 6 Oct 2020 17:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.1	43.7
170	23.6	19.8	29.6

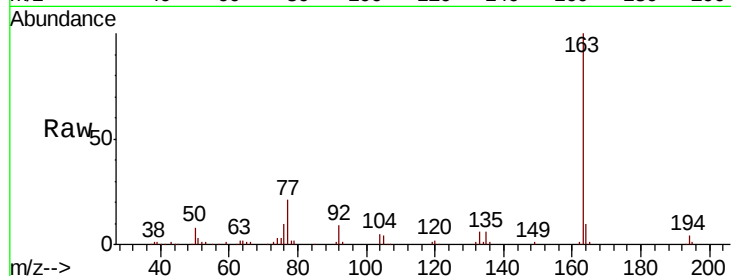




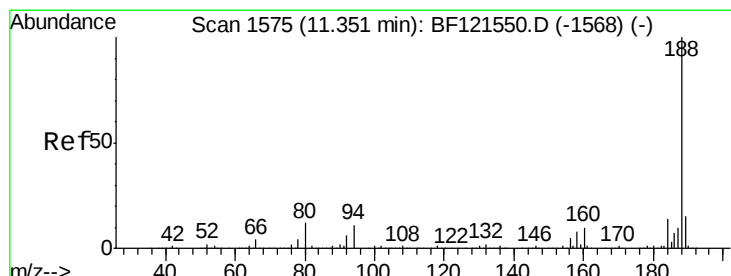
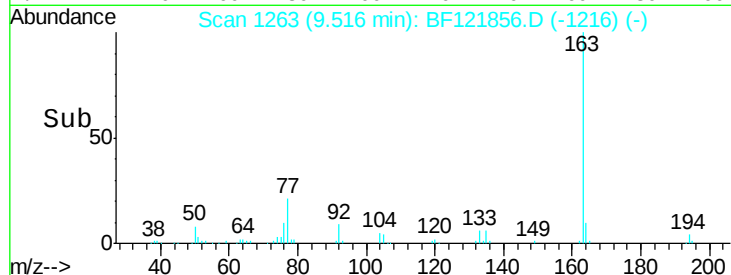
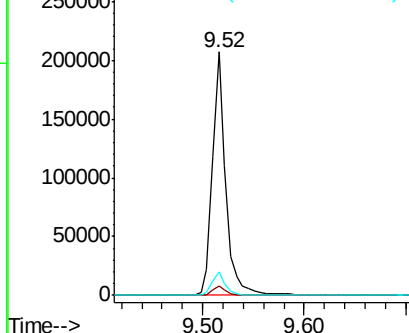
#50
Dimethylphthalate
Concen: 12.611 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF121856.D
Acq: 6 Oct 2020 17:00

Instrument :
BNA_F
ClientSampled :
MH-2-(6)

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.8	8.2	12.4

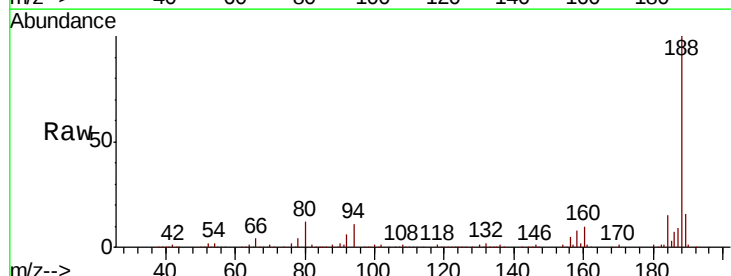


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

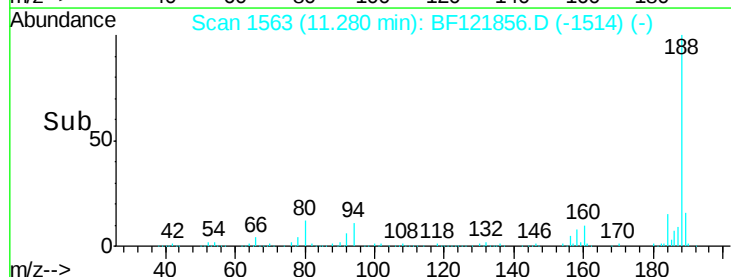
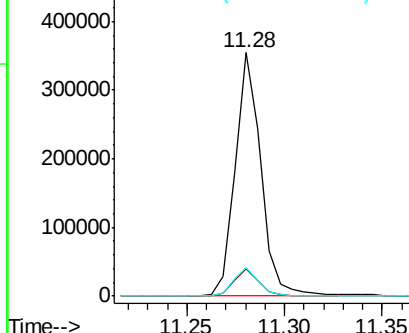


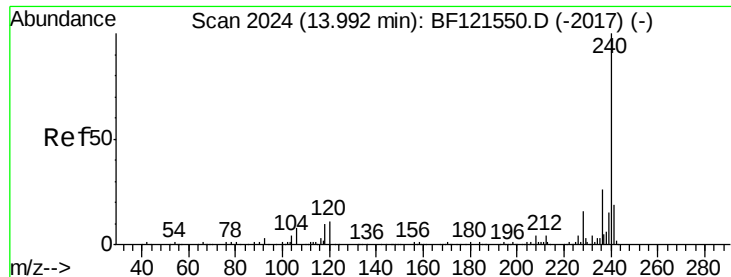
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121856.D
Acq: 6 Oct 2020 17:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.3	12.5
80	11.8	9.1	13.7



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: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF121856.D

Acq: 6 Oct 2020 17:00

Instrument :

BNA_F

ClientSampleId :

MH-2-(6)

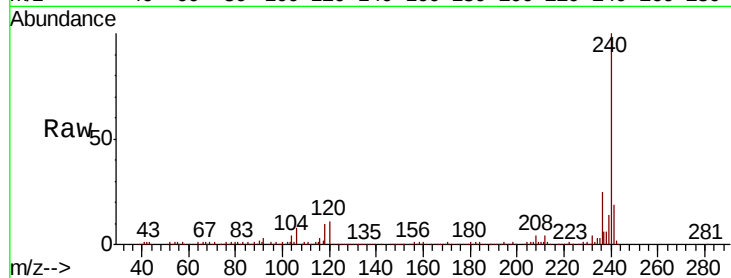
Tot Ion:240 Resp: 260100

Ion Ratio Lower Upper

240 100

120 11.3 9.2 13.8

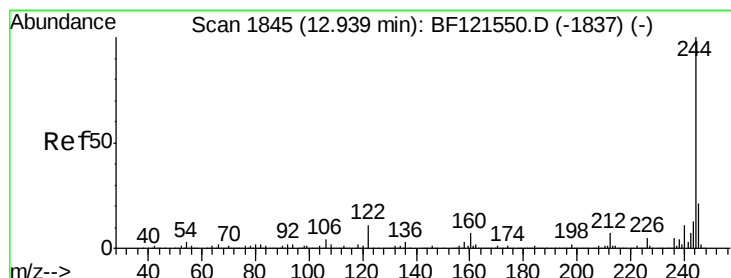
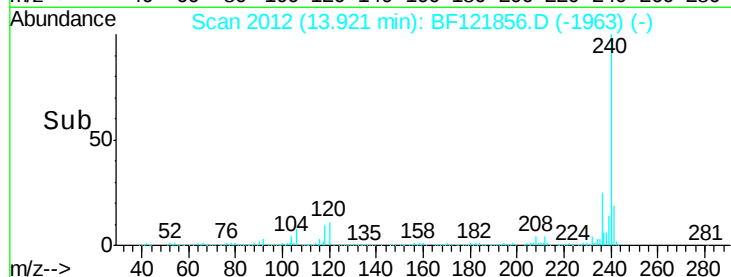
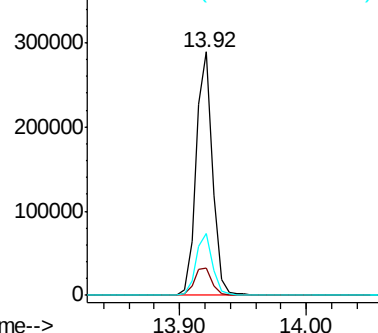
236 25.4 20.9 31.3



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: 59.098 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF121856.D

Acq: 6 Oct 2020 17:00

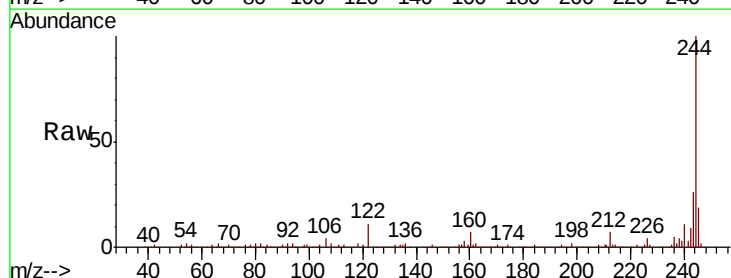
Tgt Ion:244 Resp: 758739

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

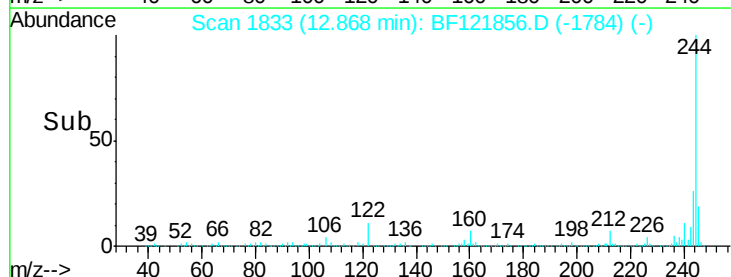
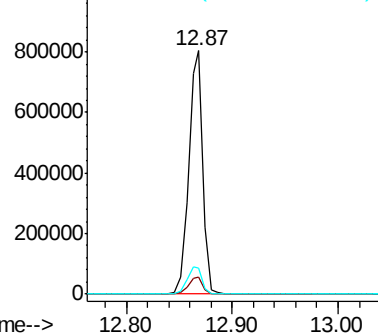
122 10.6 8.1 12.1

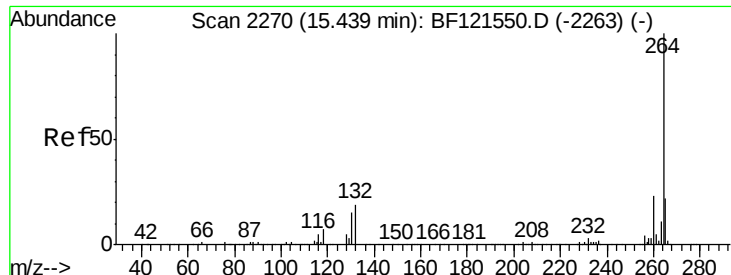


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121856.D
Acq: 6 Oct 2020 17:00

Instrument :
BNA_F
ClientSampleId :
MH-2-(6)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.3	17.3	25.9

