

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
 Data File : BF121855.D
 Acq On : 6 Oct 2020 16:29
 Operator : JU/CG
 Sample : L4272-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-(6)

Quant Time: Oct 06 17:19:51 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

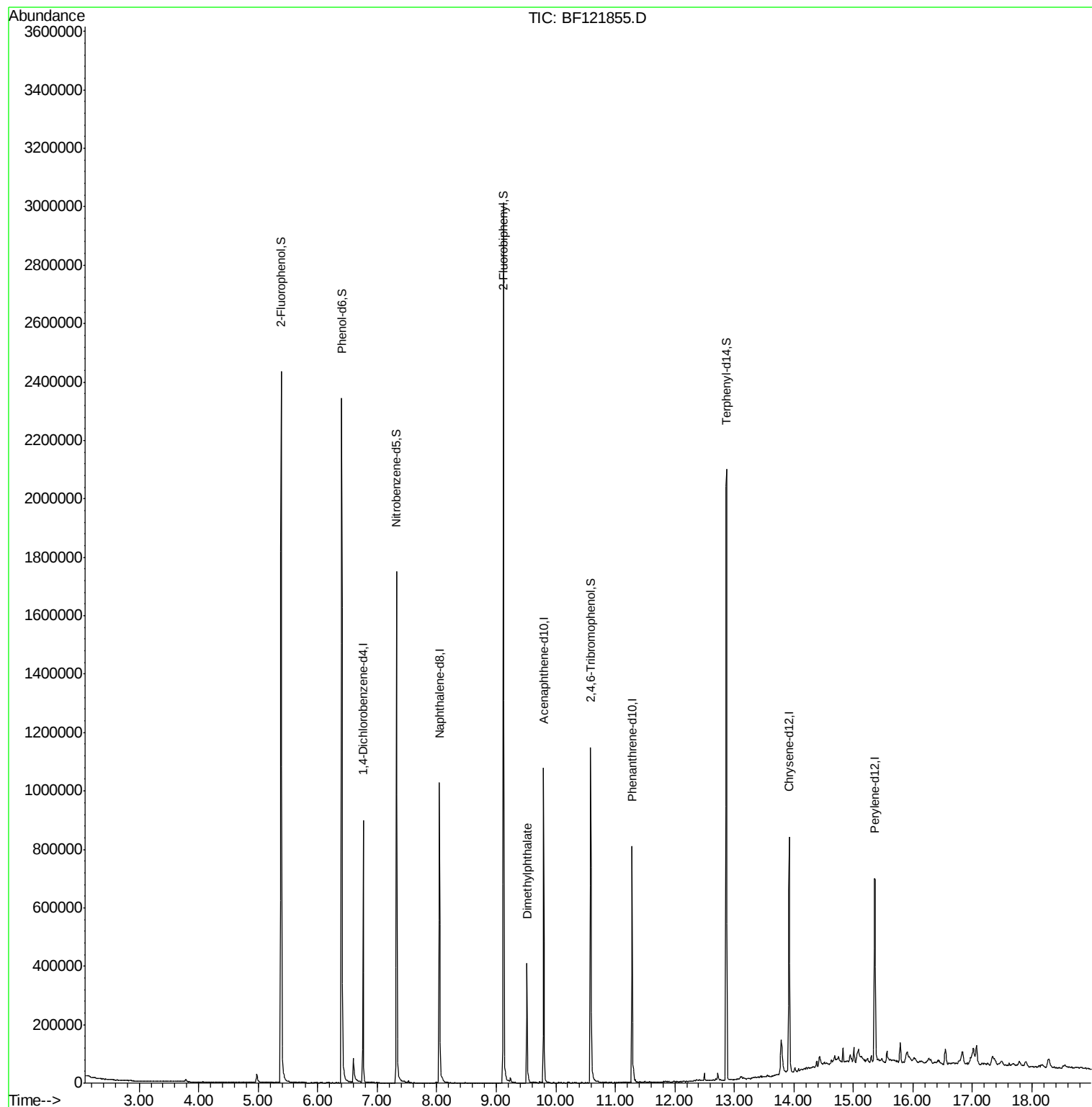
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	120823	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	459401	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	207894	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	318817	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	273073	20.00	ng	-0.01
86) Perylene-d12	15.36	264	283163	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	662052	81.43	ng	0.00
7) Phenol-d6	6.40	99	841460	78.89	ng	-0.01
23) Nitrobenzene-d5	7.33	82	569327	66.54	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	156681	60.64	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	945128	68.85	ng	-0.01
79) Terphenyl-d14	12.87	244	696961	51.71	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.52	163	182214	12.093	ng	99

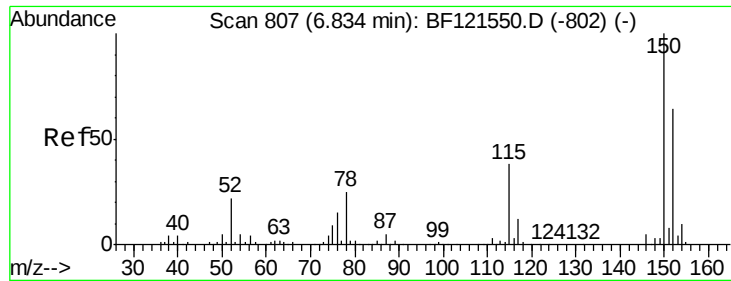
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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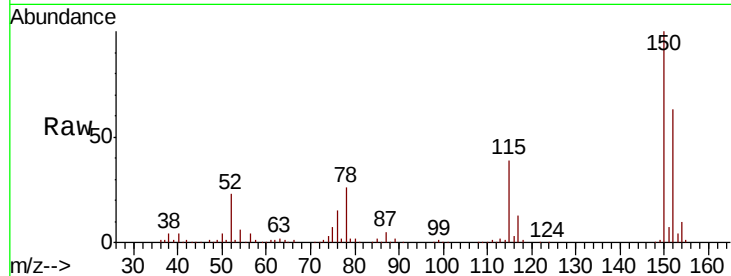


#1

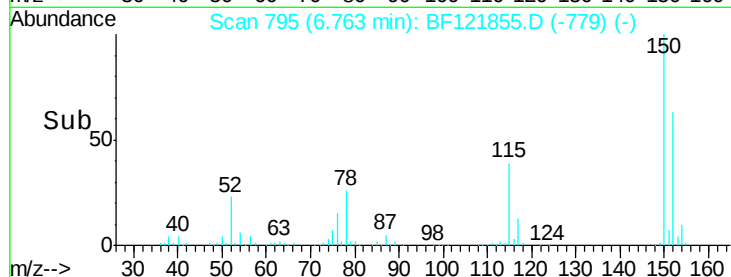
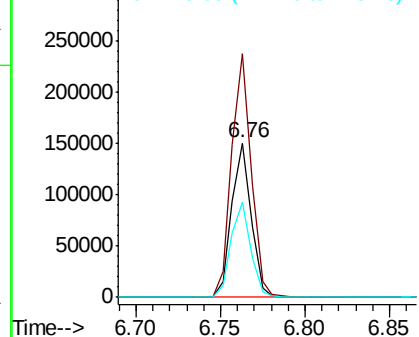
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121855.D
Acq: 6 Oct 2020 16:29

Instrument :
BNA_F
ClientSampleId :
MH-1-(6)

Tot Ion:152 Resp: 120823
Ion Ratio Lower Upper
152 100
150 157.7 125.3 187.9
115 61.5 51.9 77.9



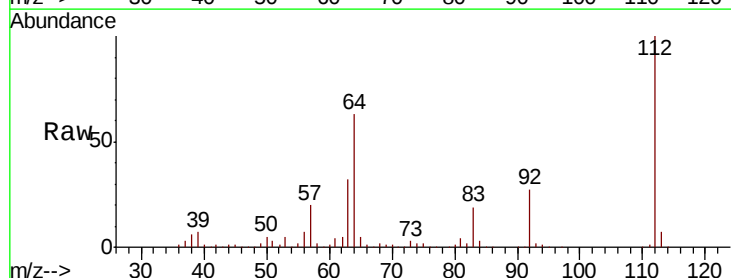
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



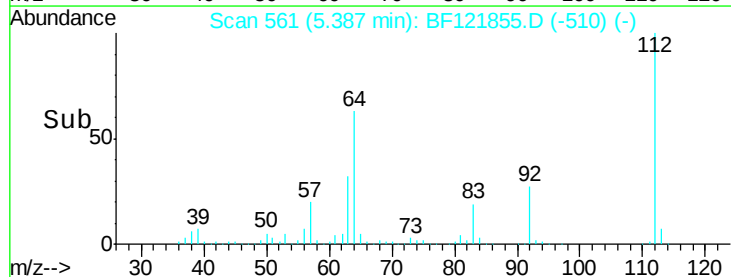
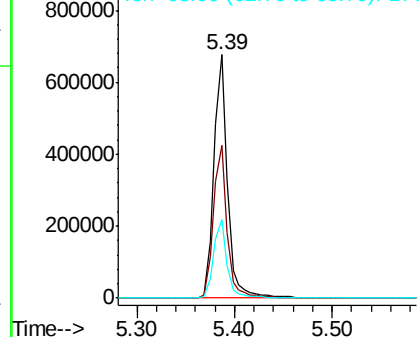
#5

2-Fluorophenol
Concen: 81.433 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF121855.D
Acq: 6 Oct 2020 16:29

Tgt Ion:112 Resp: 662052
Ion Ratio Lower Upper
112 100
64 63.0 50.4 75.6
63 32.2 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: 78.891 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121855.D

Acq: 6 Oct 2020 16:29

Instrument :

BNA_F

ClientSampleId :

MH-1-(6)

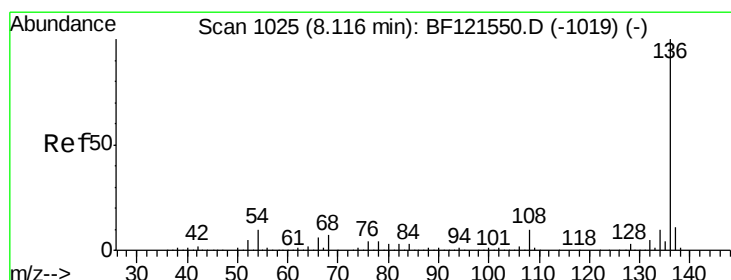
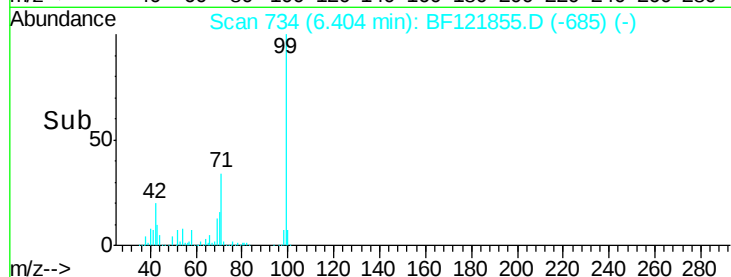
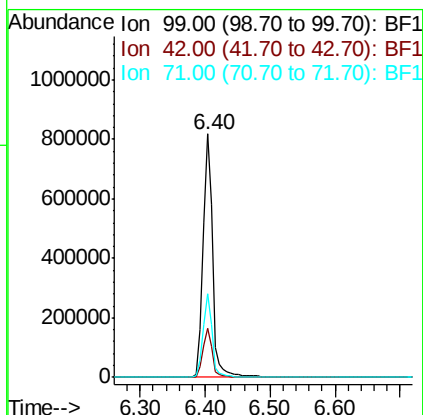
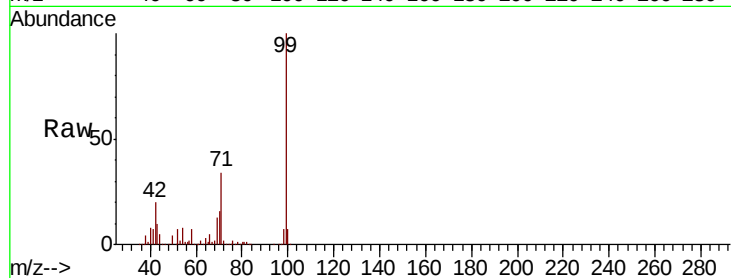
Tot Ion: 99 Resp: 841460

Ion Ratio Lower Upper

99 100

42 20.4 15.9 23.9

71 34.2 27.1 40.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121855.D

Acq: 6 Oct 2020 16:29

Tgt Ion: 136 Resp: 459401

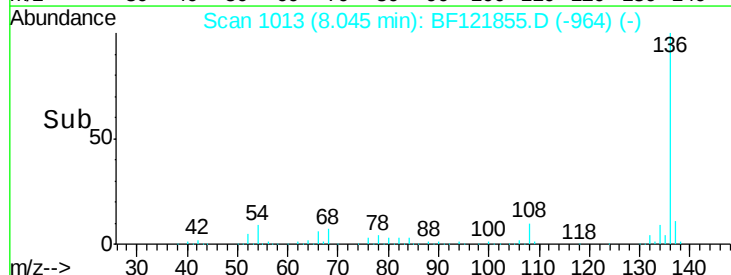
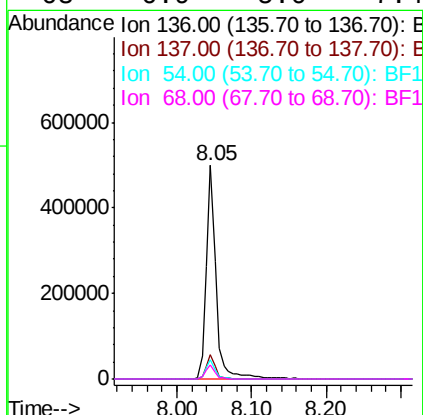
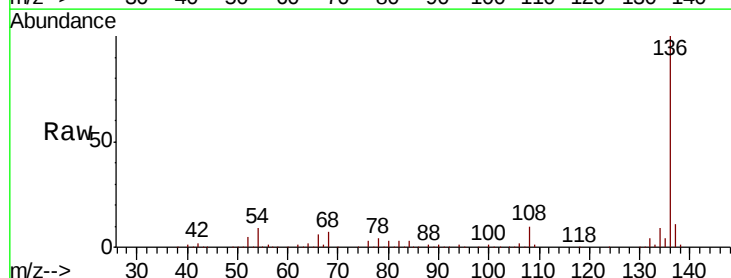
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 9.1 7.1 10.7

68 6.9 5.0 7.4

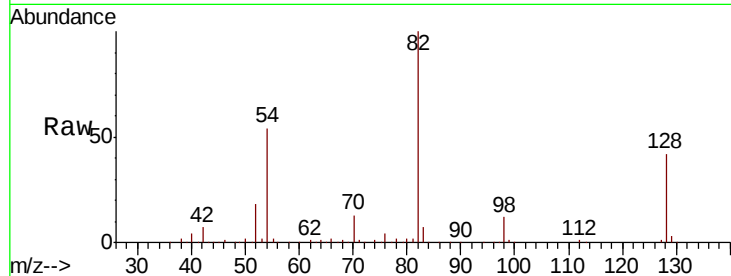




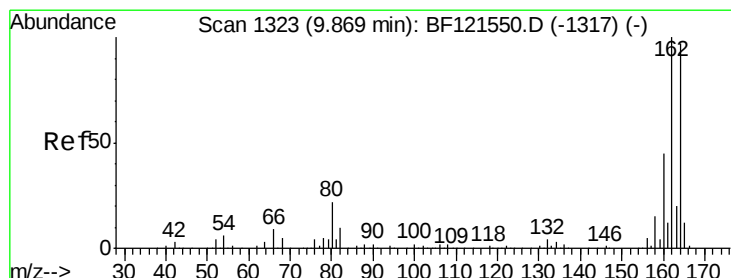
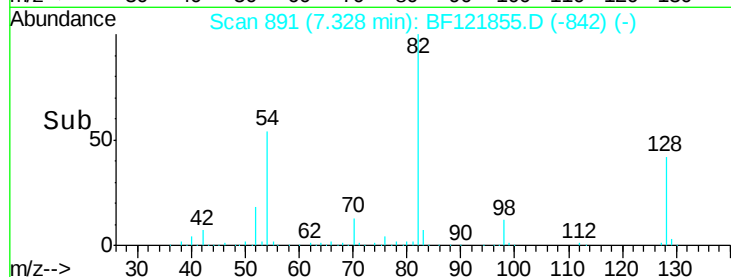
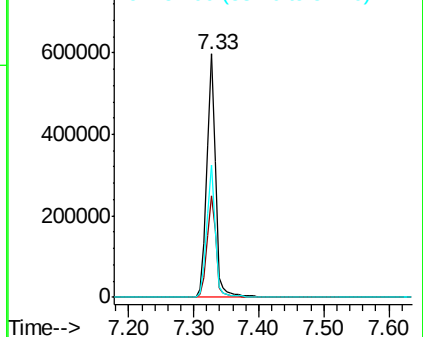
#23
Nitrobenzene-d5
Concen: 66.539 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121855.D
Acq: 6 Oct 2020 16:29

Instrument :
BNA_F
ClientSampleId :
MH-1-(6)

Tot Ion	82	Resp	569327
Ion Ratio	Lower	Upper	
82	100		
128	41.5	35.0	52.4
54	54.1	43.9	65.9

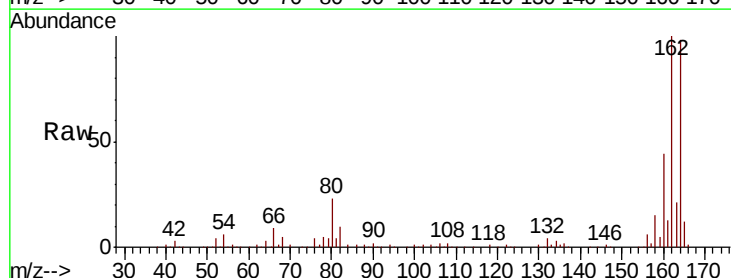


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

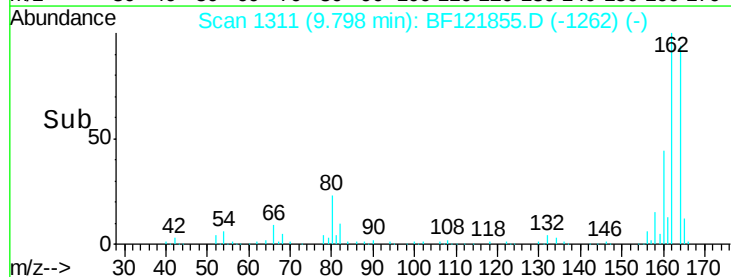
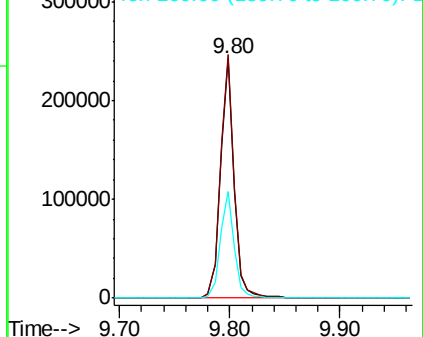


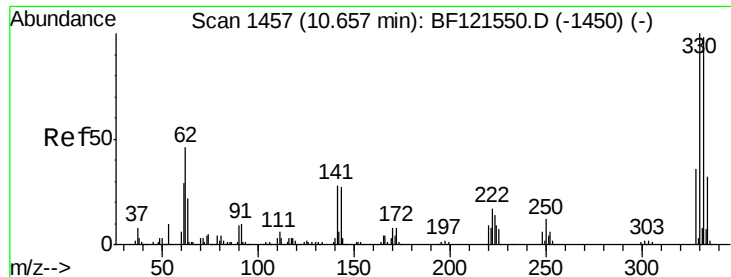
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121855.D
Acq: 6 Oct 2020 16:29

Tgt Ion	164	Resp	207894
Ion Ratio	Lower	Upper	
164	100		
162	101.7	83.2	124.8
160	44.8	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: 60.639 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.02 min

Lab File: BF121855.D

Acq: 6 Oct 2020 16:29

Instrument :

BNA_F

ClientSampleId :

MH-1-(6)

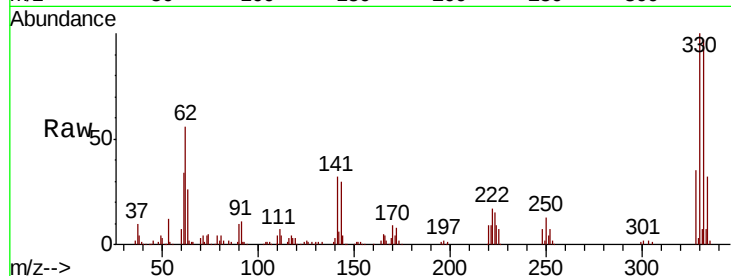
Tot Ion:330 Resp: 156681

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

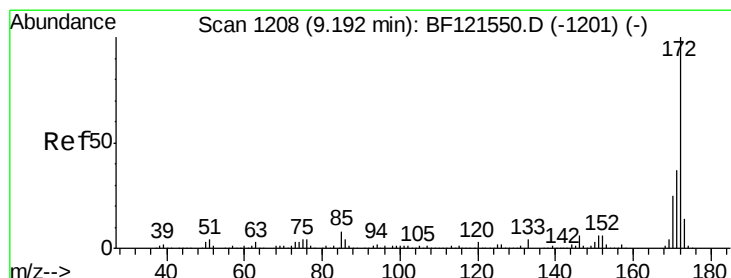
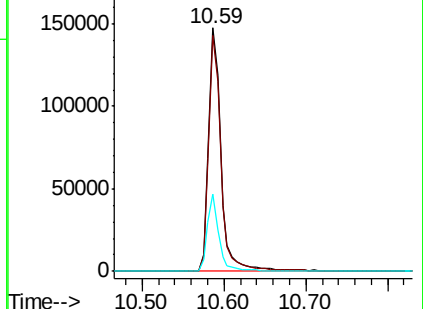
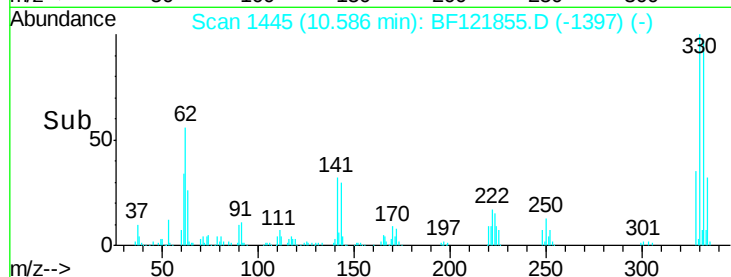
141 29.9 22.3 33.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 68.854 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF121855.D

Acq: 6 Oct 2020 16:29

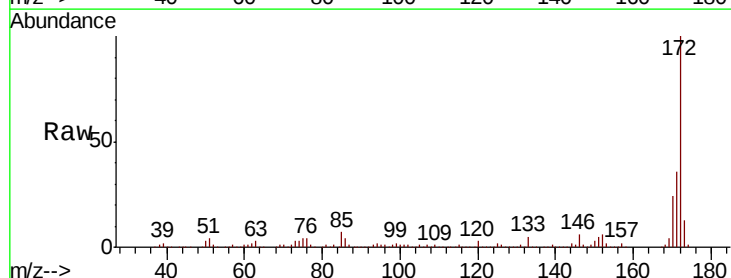
Tgt Ion:172 Resp: 945128

Ion Ratio Lower Upper

172 100

171 35.9 29.1 43.7

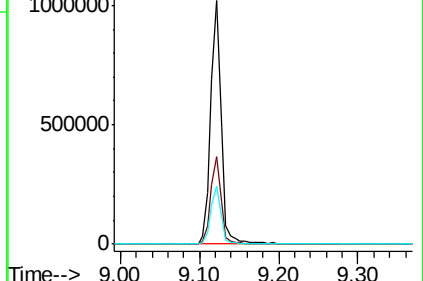
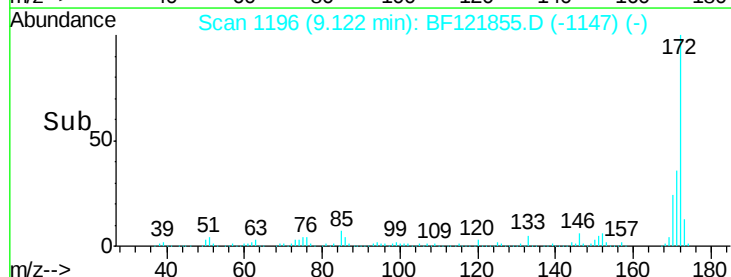
170 23.7 19.8 29.6

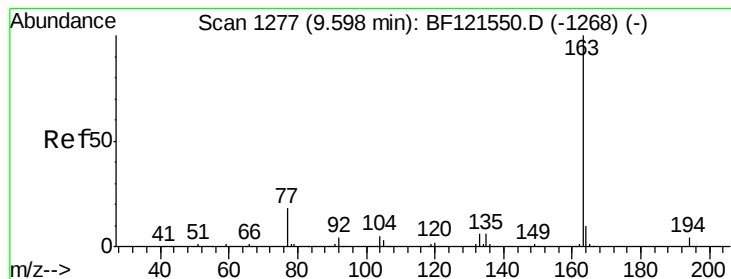


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 12.093 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF121855.D

Acq: 6 Oct 2020 16:29

Instrument :

BNA_F

ClientSampleId :

MH-1-(6)

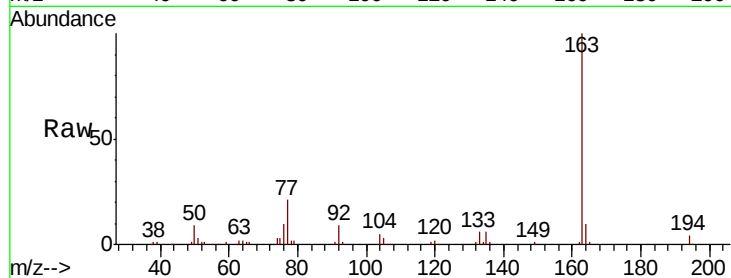
Tot Ion:163 Resp: 182214

Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

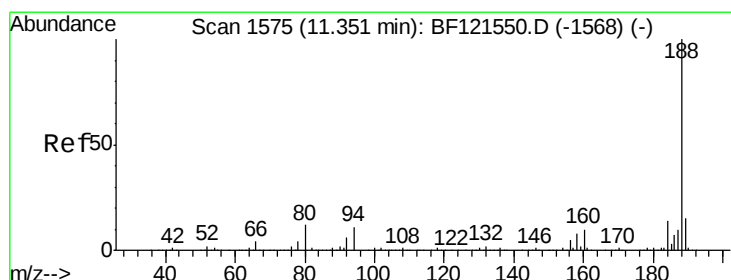
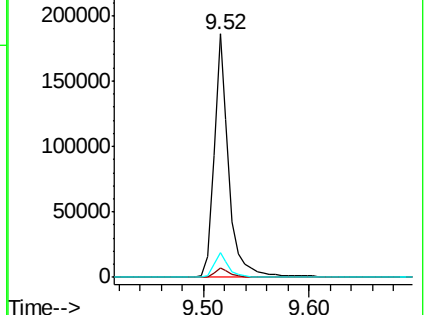
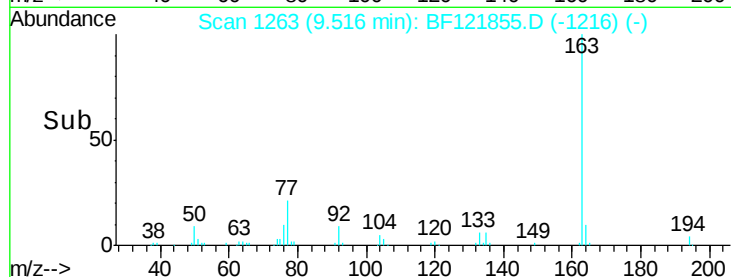
164 10.2 8.2 12.4



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: BF121855.D

Acq: 6 Oct 2020 16:29

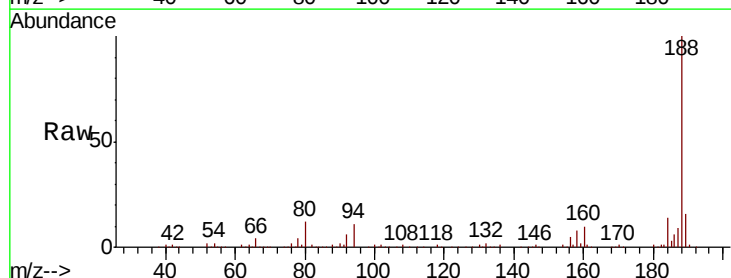
Tgt Ion:188 Resp: 318817

Ion Ratio Lower Upper

188 100

94 11.3 8.3 12.5

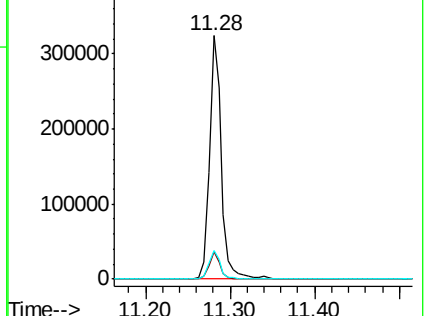
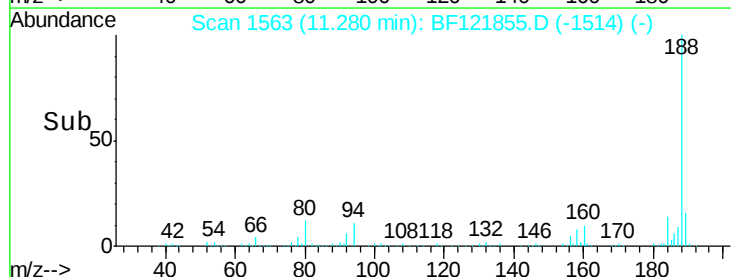
80 12.0 9.1 13.7

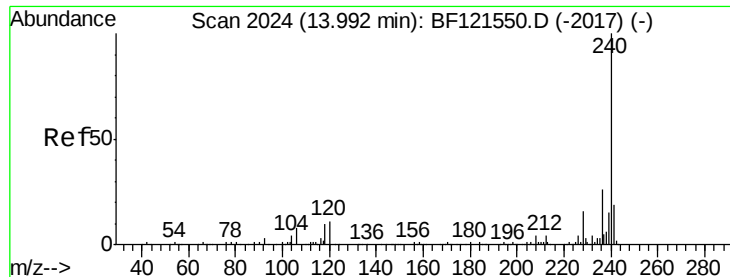


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

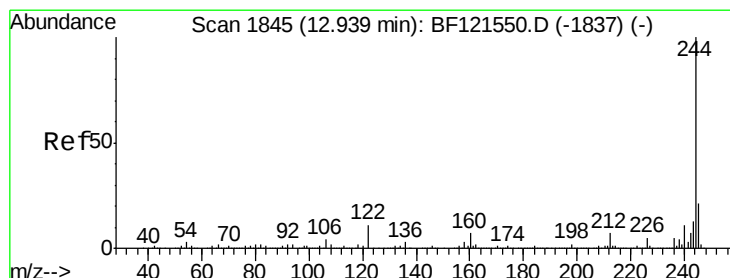
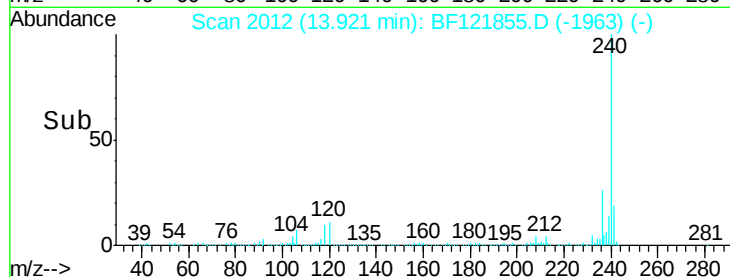
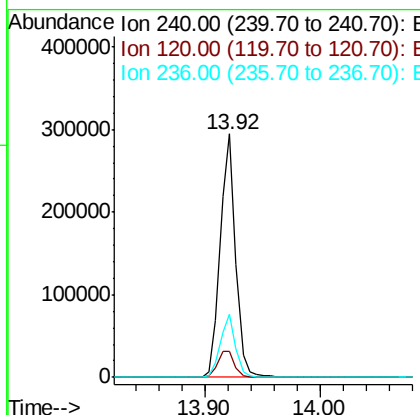
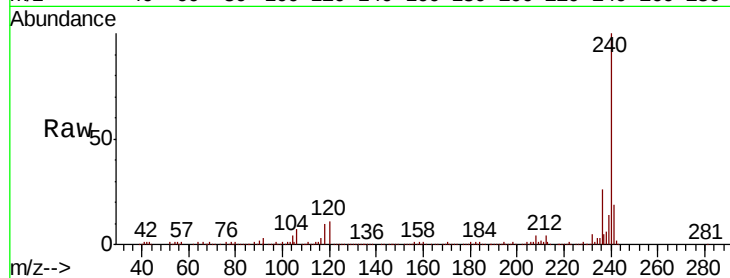




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF121855.D
 Acq: 6 Oct 2020 16:29

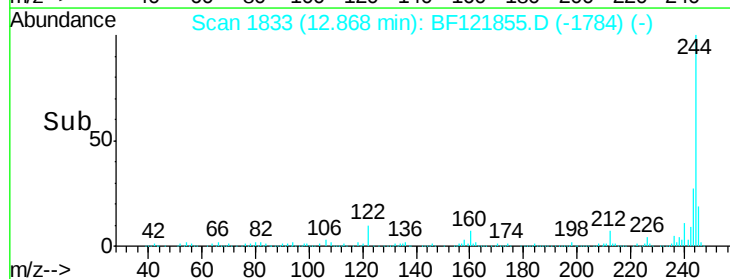
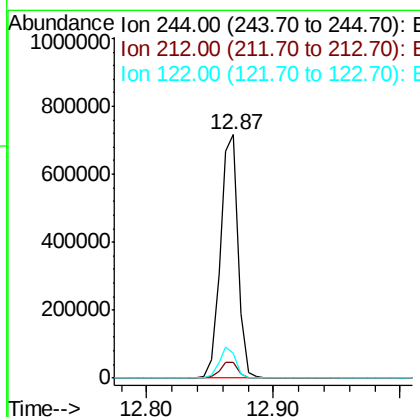
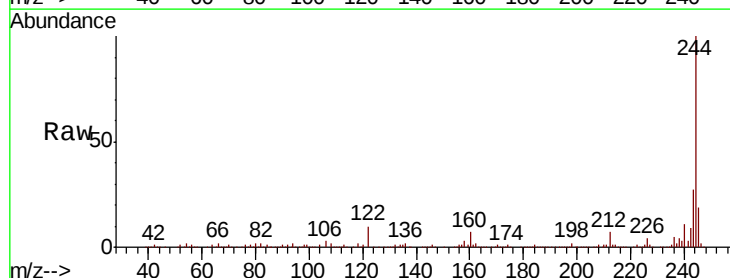
Instrument :
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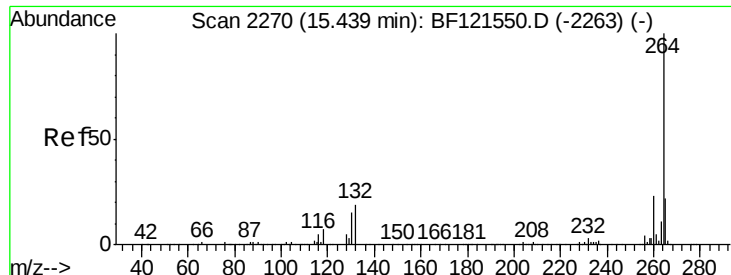
Tot Ion:240 Resp: 273073
 Ion Ratio Lower Upper
 240 100
 120 10.9 9.2 13.8
 236 26.2 20.9 31.3



#79
 Terphenyl-d14
 Concen: 51.707 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF121855.D
 Acq: 6 Oct 2020 16:29

Tgt Ion:244 Resp: 696961
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.4 8.1 12.1





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF121855.D
Acq: 6 Oct 2020 16:29

Instrument :
BNA_F
ClientSampleId :
MH-1-(6)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.5	17.3	25.9

