

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
 Data File : BF121875.D
 Acq On : 7 Oct 2020 15:55
 Operator : JU/CG
 Sample : L4272-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Oct 07 16:29:15 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

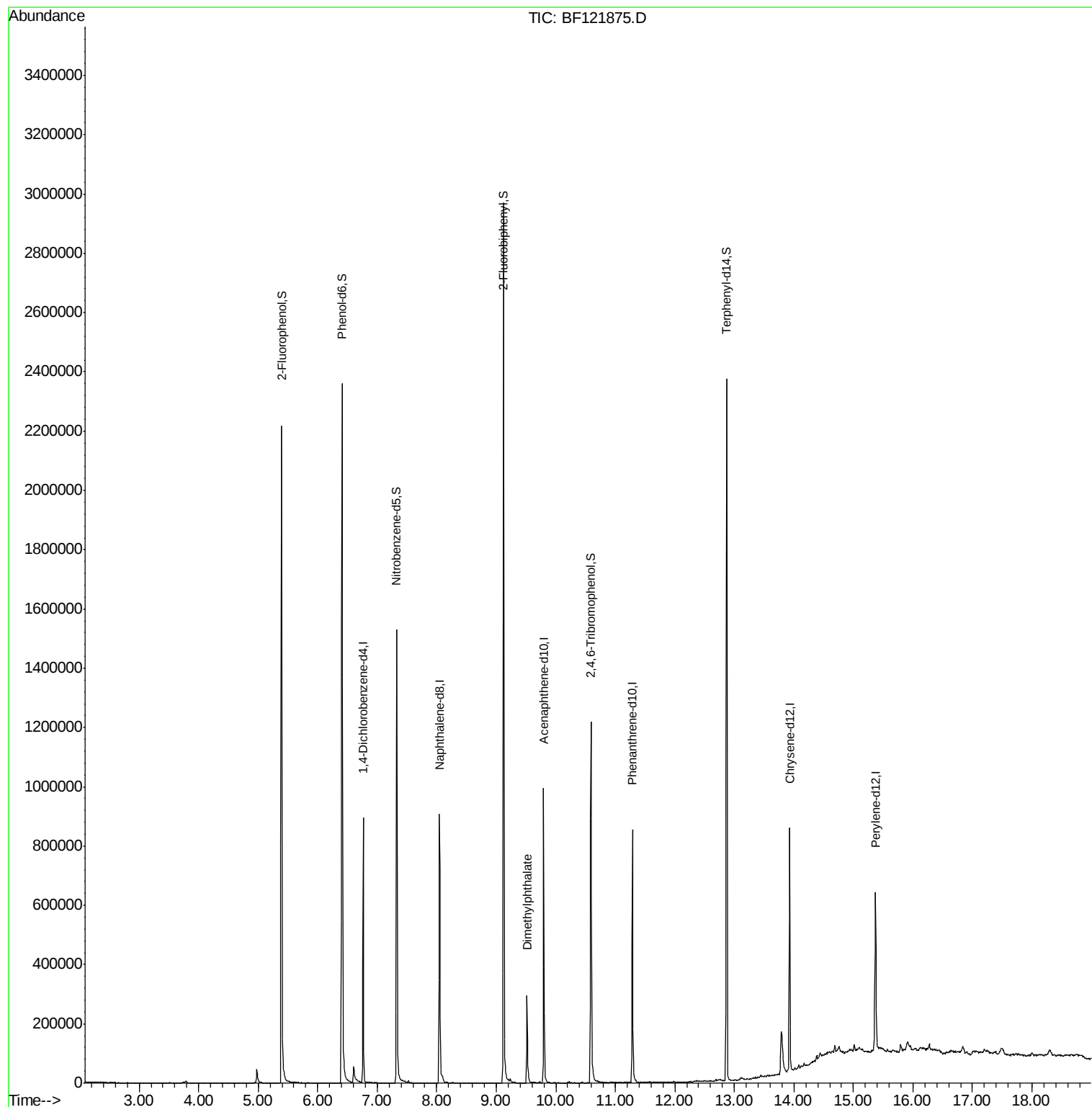
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	118808	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	449722	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	211737	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	338063	20.00	ng	0.00
76) Chrysene-d12	13.93	240	286663	20.00	ng	0.00
86) Perylene-d12	15.37	264	259600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	669093	83.69	ng	0.00
7) Phenol-d6	6.41	99	838041	79.90	ng	0.00
23) Nitrobenzene-d5	7.33	82	566011	67.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	174051	66.14	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	970180	69.40	ng	-0.01
79) Terphenyl-d14	12.87	244	794935	56.18	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.52	163	165605	10.791	ng	Qvalue 98

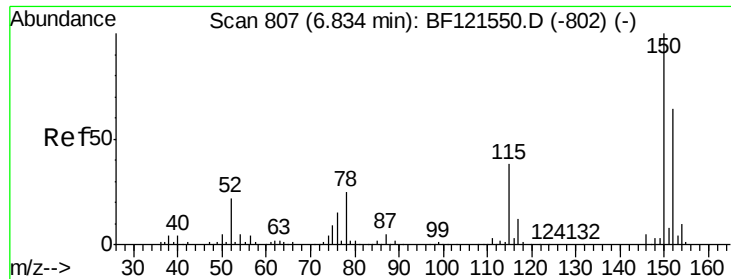
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF121875.D

Acq: 7 Oct 2020 15:55

Instrument :

BNA_F

ClientSampleId :

GIS-2-(6)

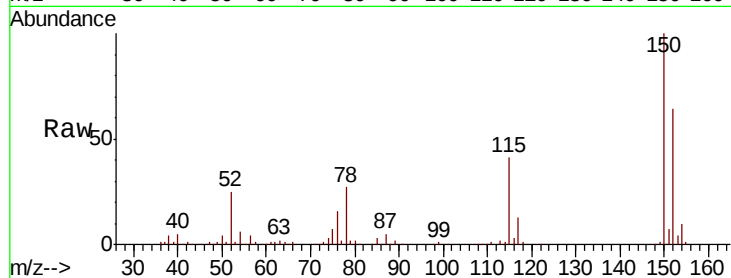
Tot Ion:152 Resp: 118808

Ion Ratio Lower Upper

152 100

150 155.9 125.3 187.9

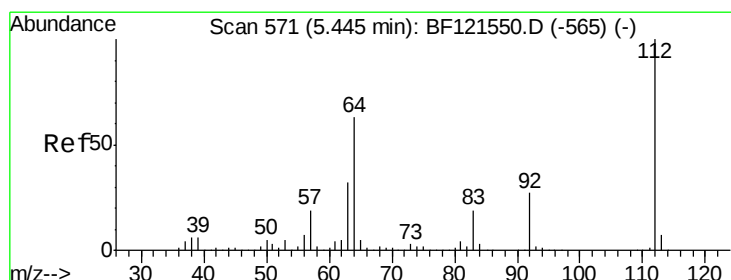
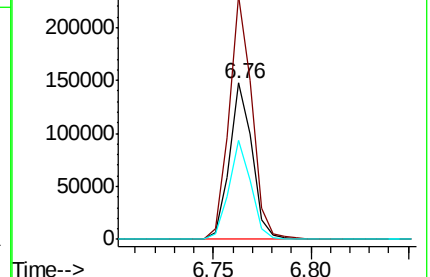
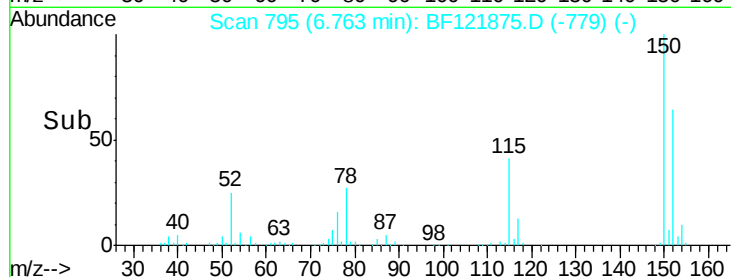
115 63.7 51.9 77.9



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: 83.694 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF121875.D

Acq: 7 Oct 2020 15:55

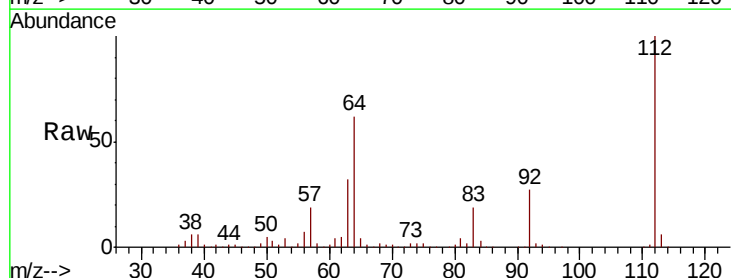
Tgt Ion:112 Resp: 669093

Ion Ratio Lower Upper

112 100

64 62.3 50.4 75.6

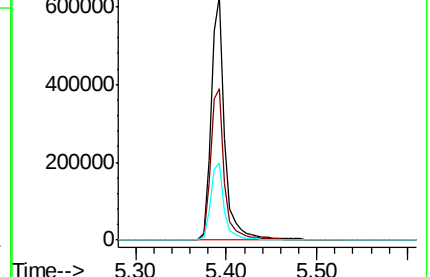
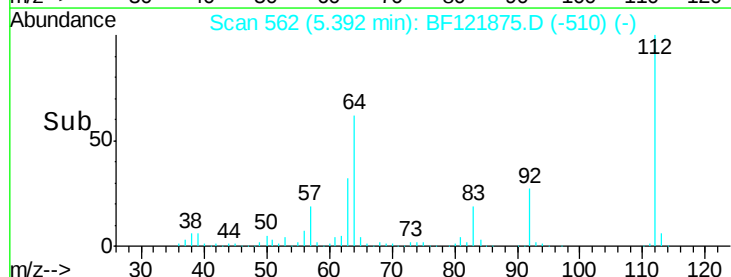
63 31.5 25.8 38.6

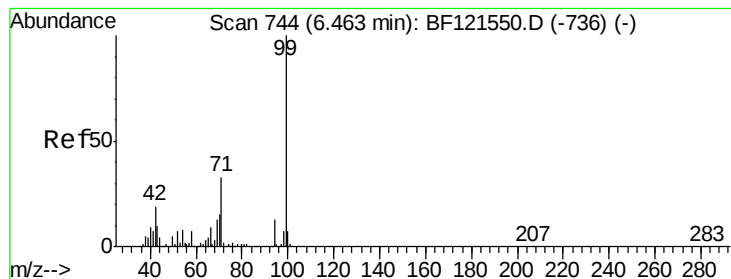


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 79.903 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121875.D

Acq: 7 Oct 2020 15:55

Instrument :

BNA_F

ClientSampleId :

GIS-2-(6)

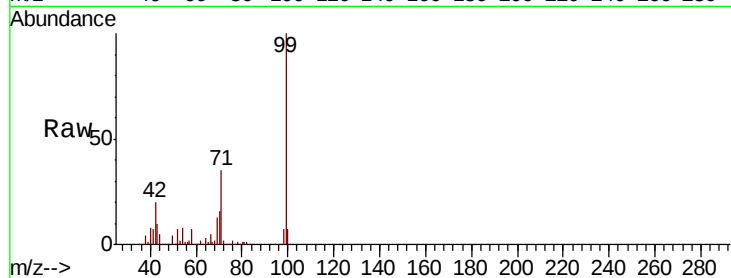
Tot Ion: 99 Resp: 838041

Ion Ratio Lower Upper

99 100

42 20.2 15.9 23.9

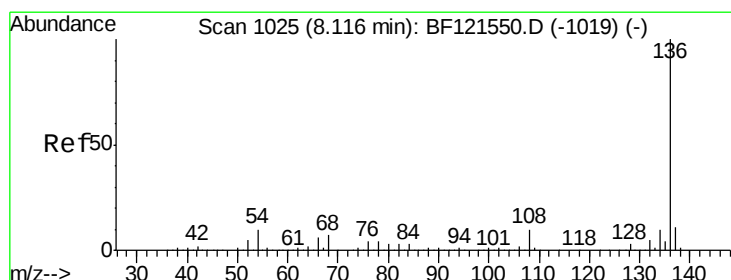
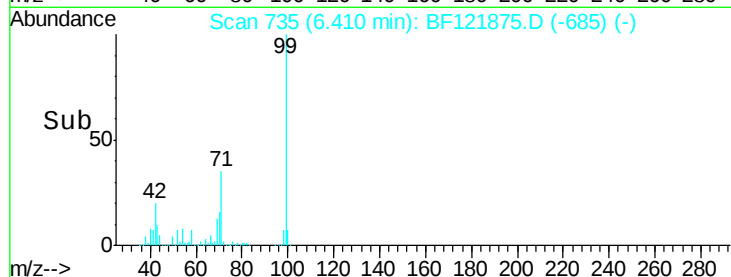
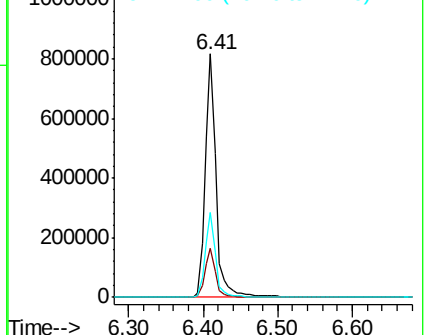
71 34.6 27.1 40.7



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: BF121875.D

Acq: 7 Oct 2020 15:55

Tgt Ion: 136 Resp: 449722

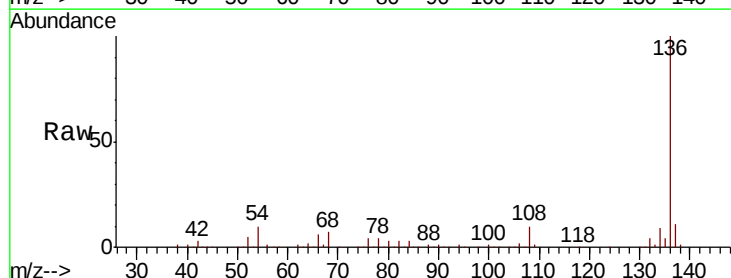
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 9.7 7.1 10.7

68 7.1 5.0 7.4

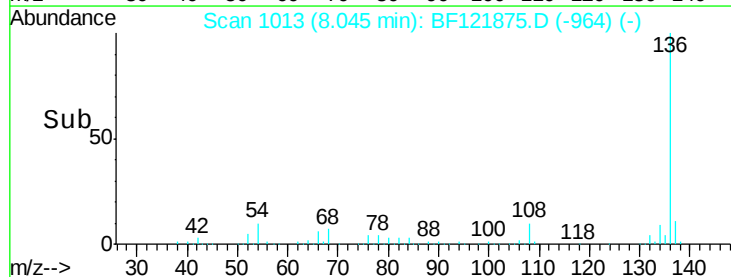
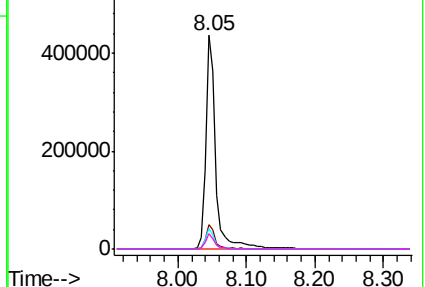


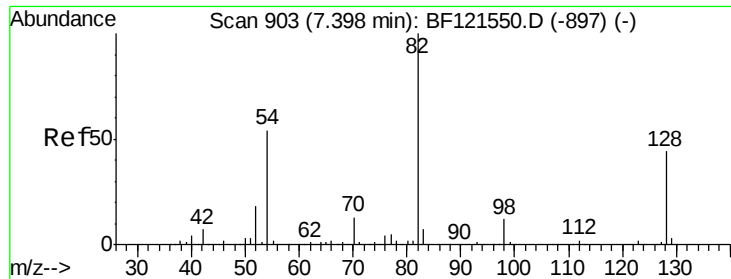
Abundance Ion 136.00 (135.70 to 136.70): E

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

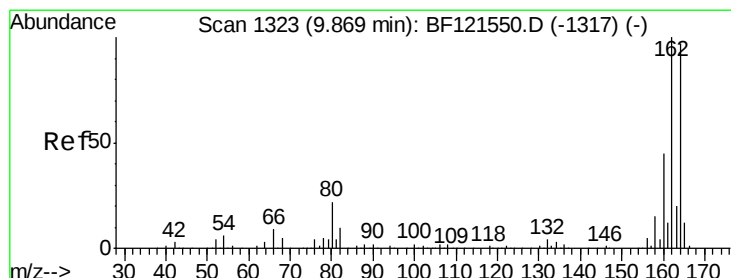
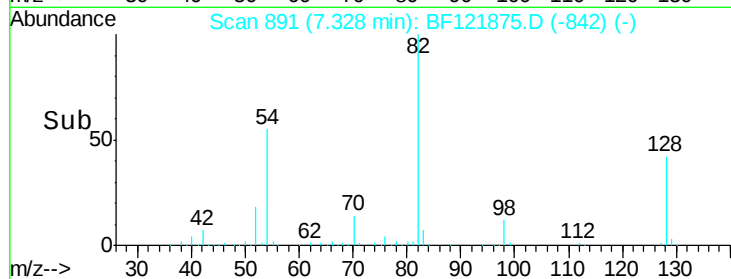
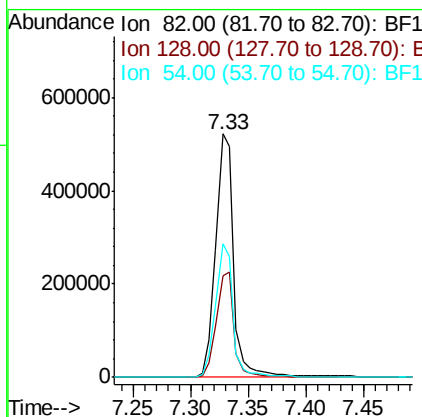
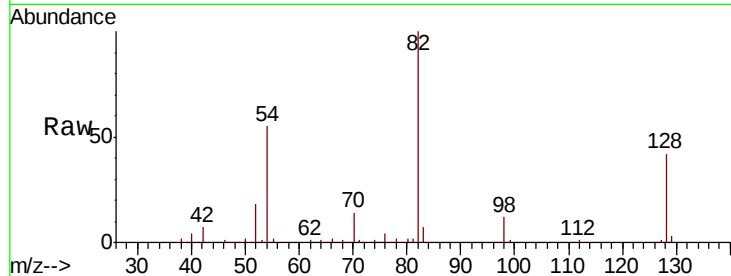




#23
 Nitrobenzene-d5
 Concen: 67.575 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF121875.D
 Acq: 7 Oct 2020 15:55

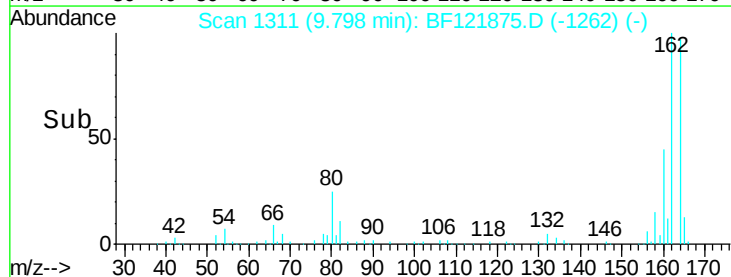
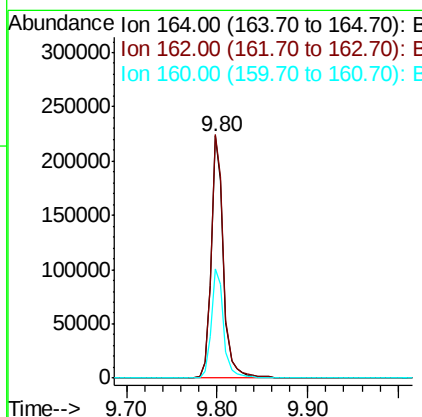
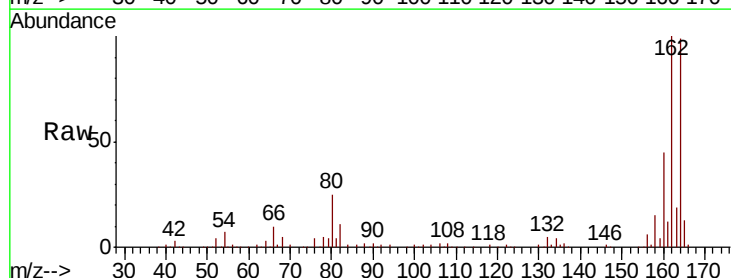
Instrument :
 BNA_F
 ClientSampleId :
 GIS-2-(6)

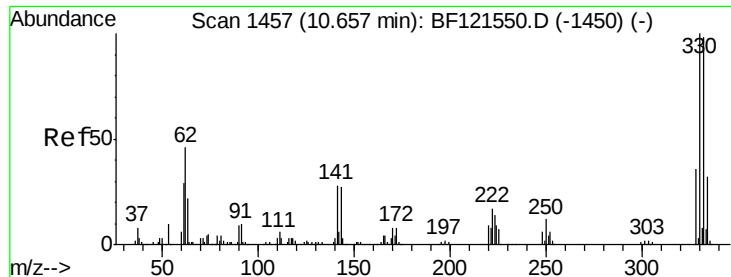
Tot Ion: 82 Resp: 566011
 Ion Ratio Lower Upper
 82 100
 128 41.7 35.0 52.4
 54 54.9 43.9 65.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF121875.D
 Acq: 7 Oct 2020 15:55

Tgt Ion: 164 Resp: 211737
 Ion Ratio Lower Upper
 164 100
 162 100.7 83.2 124.8
 160 45.4 37.5 56.3





#42

2,4,6-Tribromophenol

Concen: 66.139 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF121875.D

Acq: 7 Oct 2020 15:55

Instrument :

BNA_F

ClientSampleId :

GIS-2-(6)

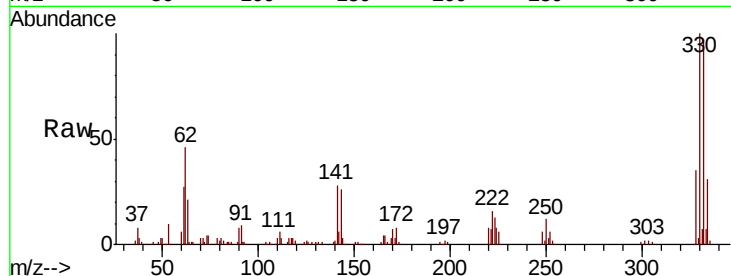
Tot Ion:330 Resp: 174051

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

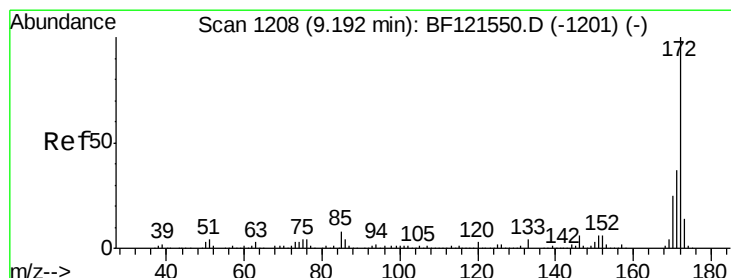
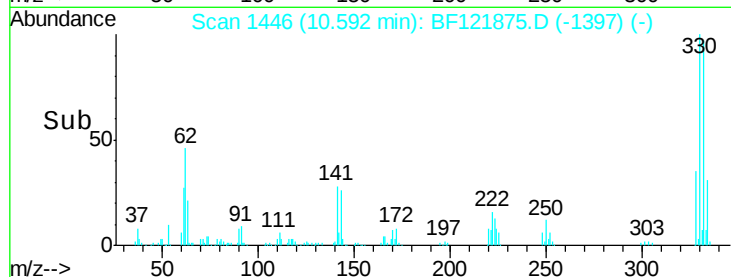
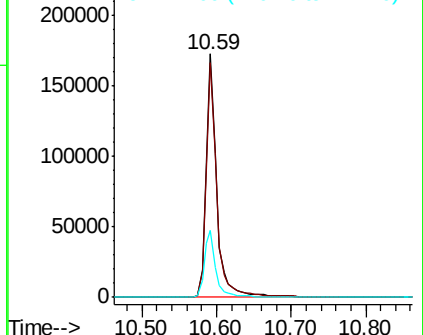
141 29.7 22.3 33.5



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: 69.396 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF121875.D

Acq: 7 Oct 2020 15:55

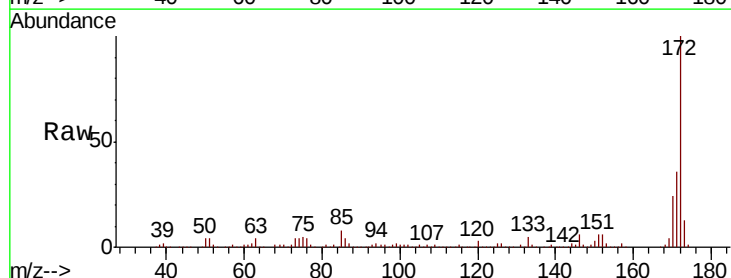
Tgt Ion:172 Resp: 970180

Ion Ratio Lower Upper

172 100

171 35.9 29.1 43.7

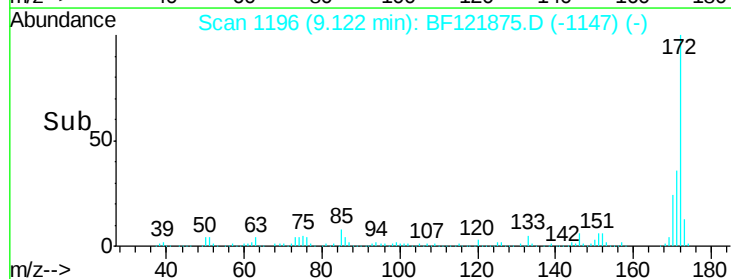
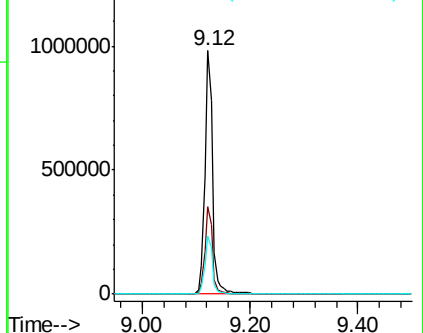
170 24.1 19.8 29.6

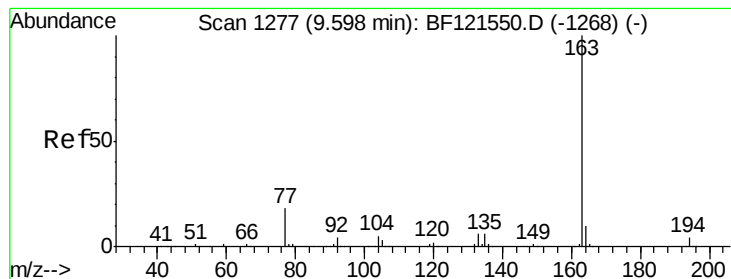


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 10.791 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF121875.D

Acq: 7 Oct 2020 15:55

Instrument :

BNA_F

ClientSampleId :

GIS-2-(6)

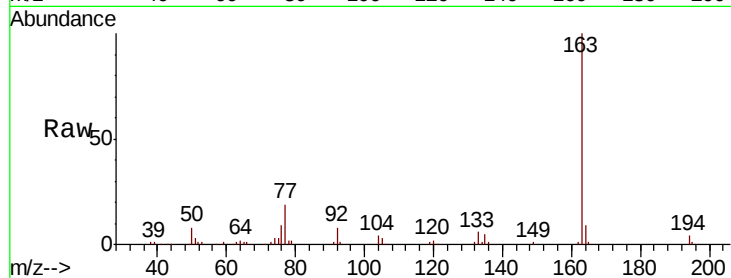
Tot Ion:163 Resp: 165605

Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

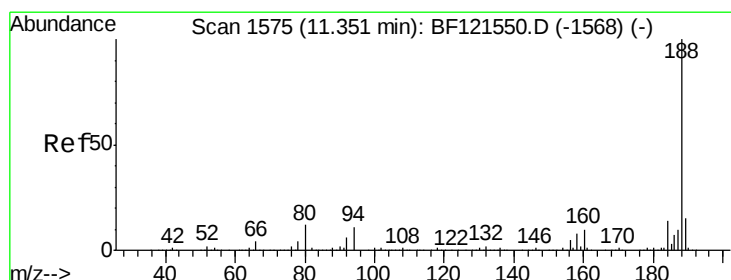
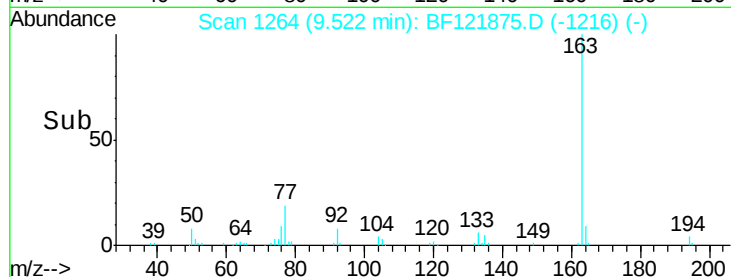
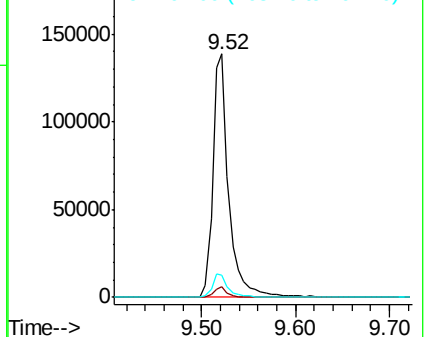
164 9.3 8.2 12.4



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: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF121875.D

Acq: 7 Oct 2020 15:55

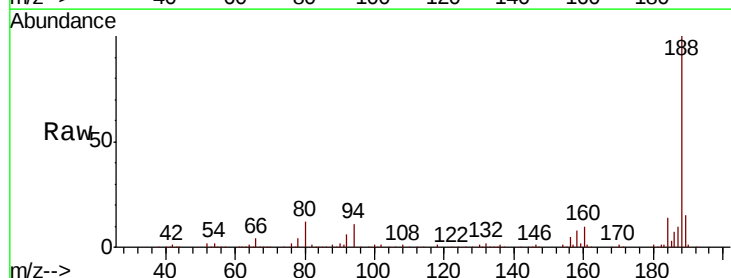
Tgt Ion:188 Resp: 338063

Ion Ratio Lower Upper

188 100

94 10.9 8.3 12.5

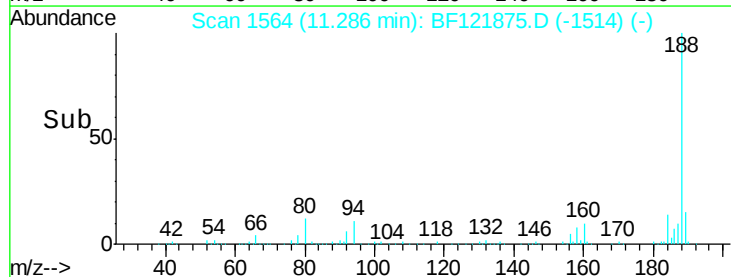
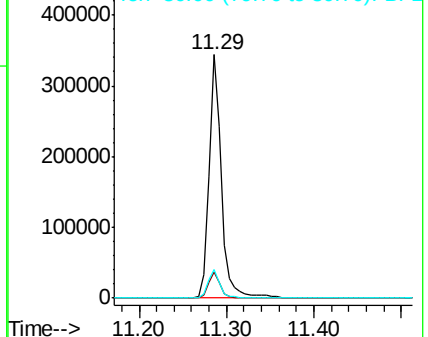
80 11.6 9.1 13.7

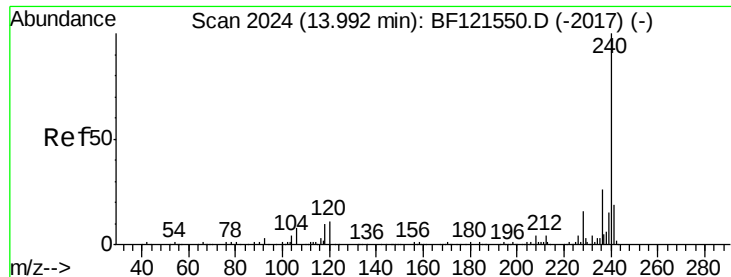


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

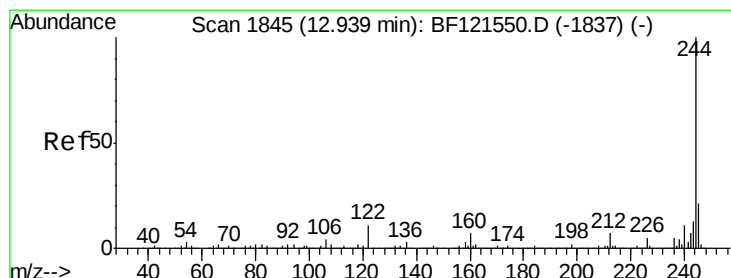
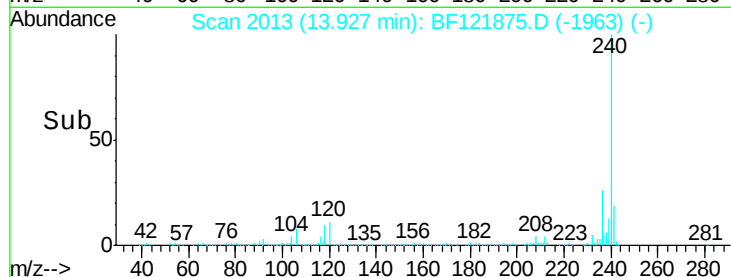
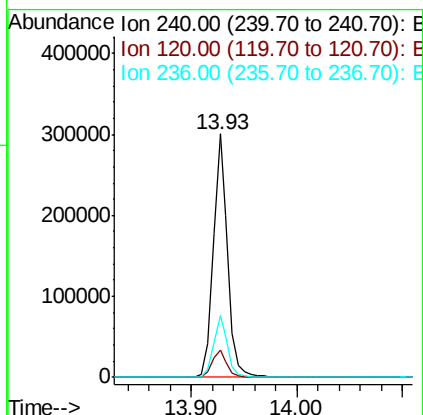
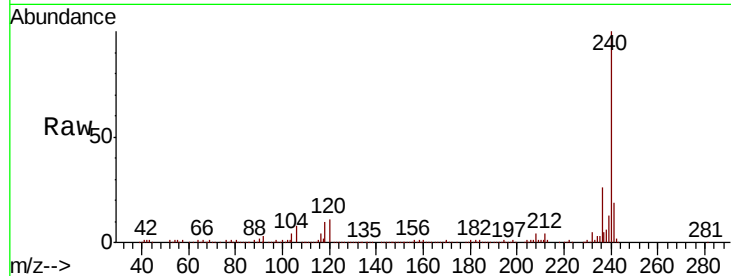




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF121875.D
Acq: 7 Oct 2020 15:55

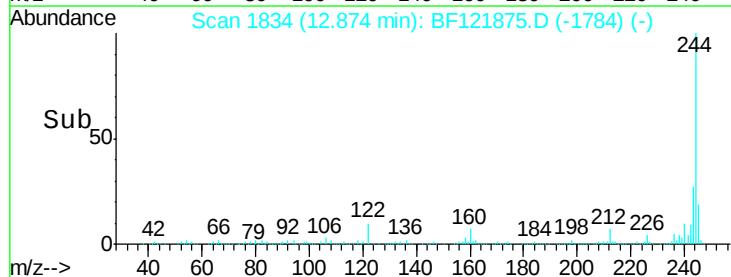
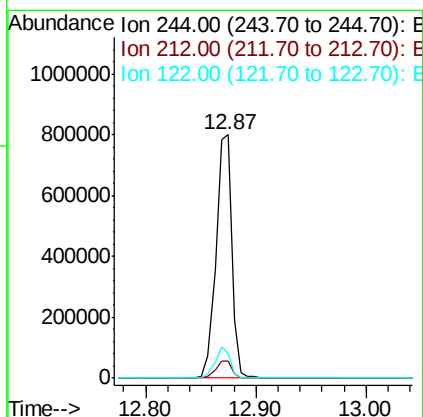
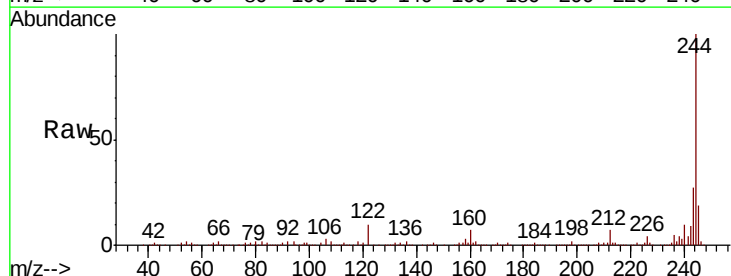
Instrument :
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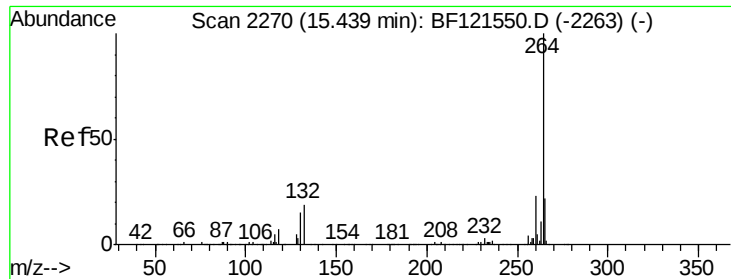
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.2	13.8
236	25.5	20.9	31.3



#79
Terphenyl-d14
Concen: 56.180 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF121875.D
Acq: 7 Oct 2020 15:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	9.9	8.1	12.1





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF121875.D
Acq: 7 Oct 2020 15:55

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.8	17.3	25.9

