

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121814.D
 Acq On : 5 Oct 2020 12:41
 Operator : JU/CG
 Sample : L4200-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01

Quant Time: Oct 05 13:08:13 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

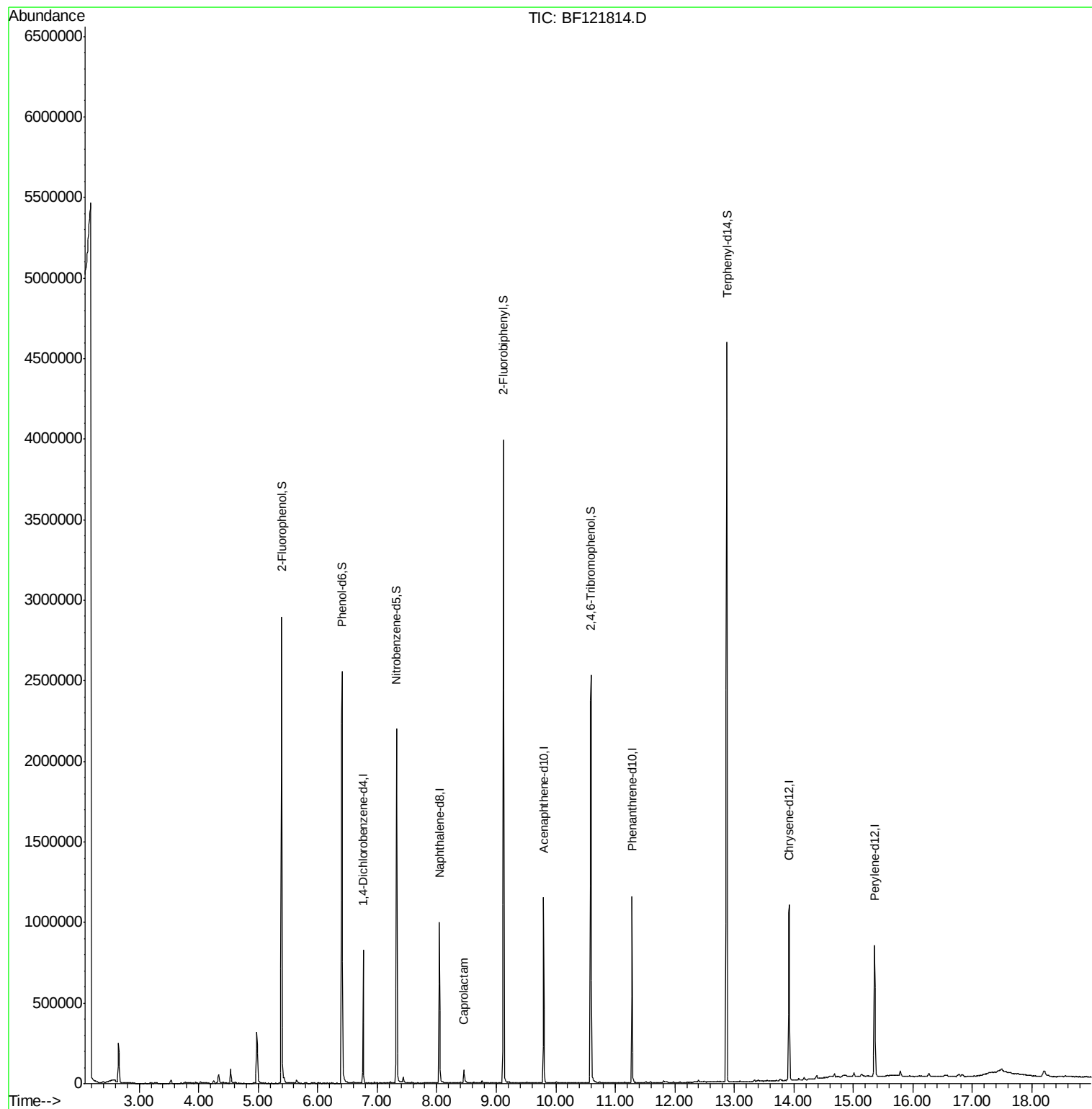
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	103696	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	412481	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	214354	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	420169	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	392009	20.00	ng	-0.01
86) Perylene-d12	15.36	264	353282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	799737	114.61	ng	0.00
7) Phenol-d6	6.41	99	924506	100.99	ng	0.00
23) Nitrobenzene-d5	7.33	82	766044	99.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	372010	139.64	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	1303947	92.13	ng	-0.01
79) Terphenyl-d14	12.87	244	1627335	84.10	ng	0.00
Target Compounds						
35) Caprolactam	8.46	113	10564	5.045	ng	Qvalue 94

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

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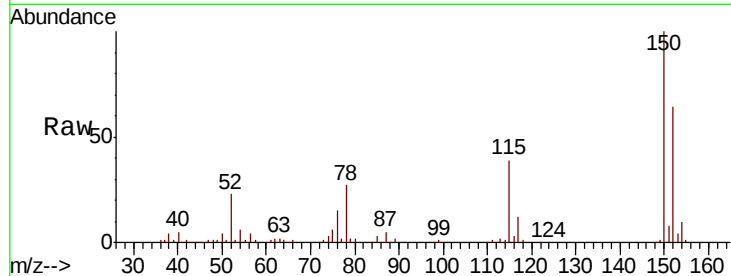


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121814.D
Acq: 5 Oct 2020 12:41

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.3	187.9
115	62.0	51.9	77.9

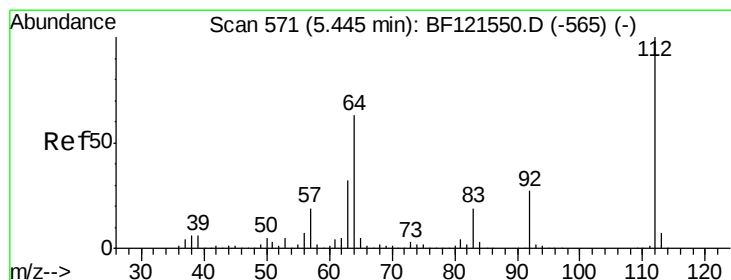
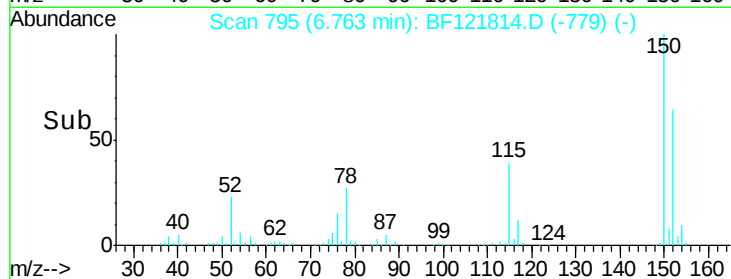
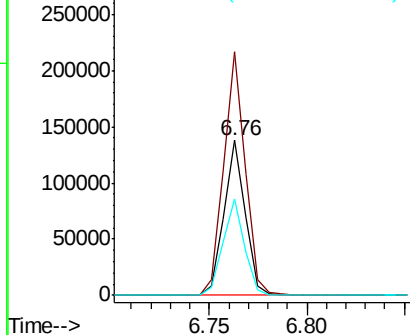


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

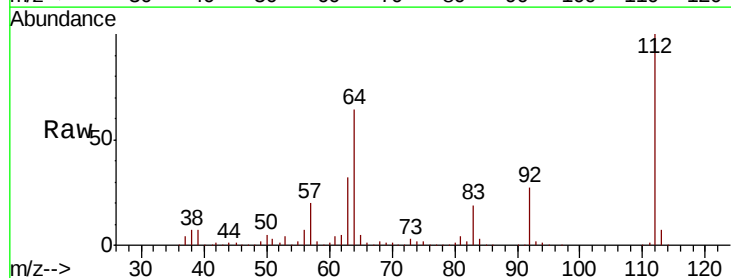
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.615 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF121814.D
Acq: 5 Oct 2020 12:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	50.4	75.6
63	32.5	25.8	38.6

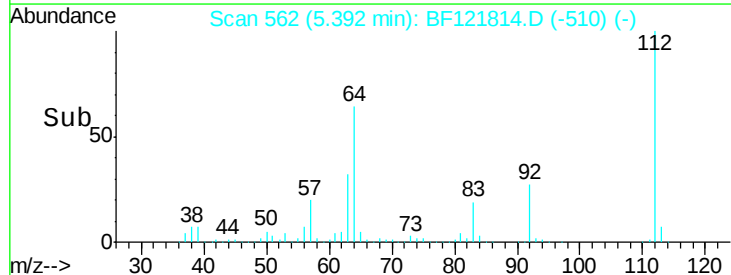
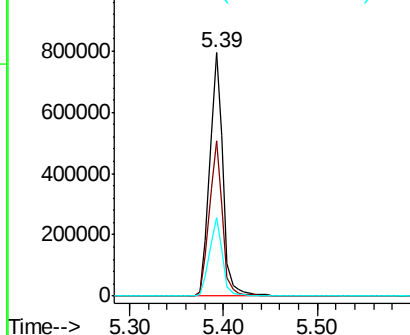


Abundance

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: 100.993 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121814.D

Acq: 5 Oct 2020 12:41

Instrument :

BNA_F

ClientSampleId :

PB-2020-WS-000-01

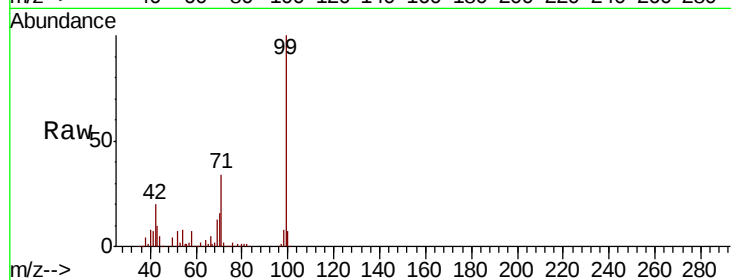
Tot Ion: 99 Resp: 924506

Ion Ratio Lower Upper

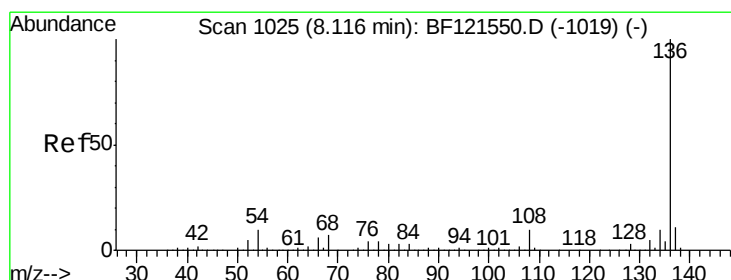
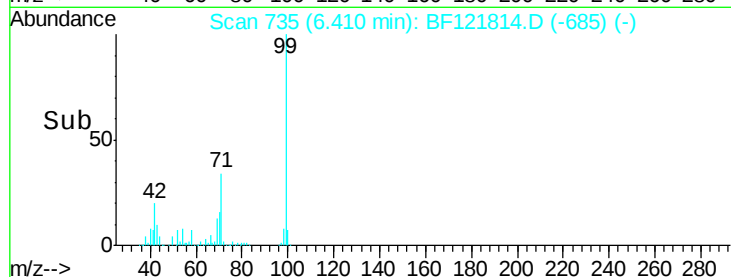
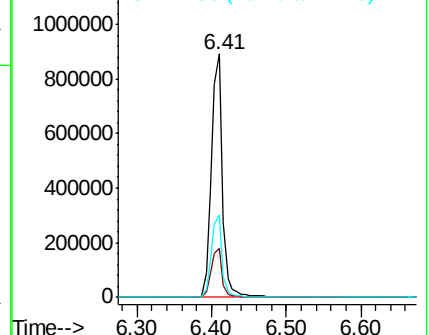
99 100

42 20.1 15.9 23.9

71 33.7 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: BF121814.D

Acq: 5 Oct 2020 12:41

Tgt Ion: 136 Resp: 412481

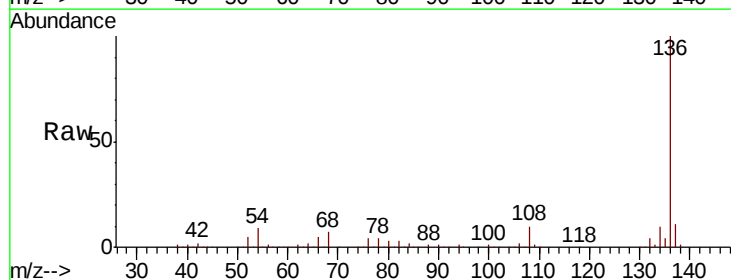
Ion Ratio Lower Upper

136 100

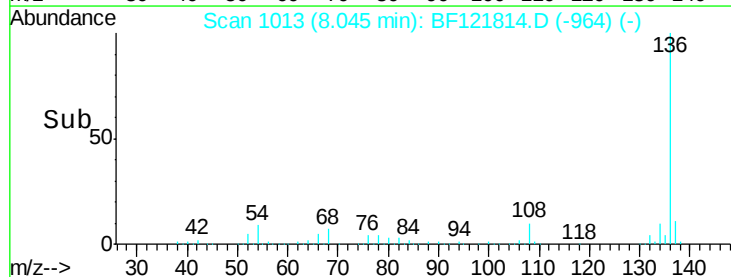
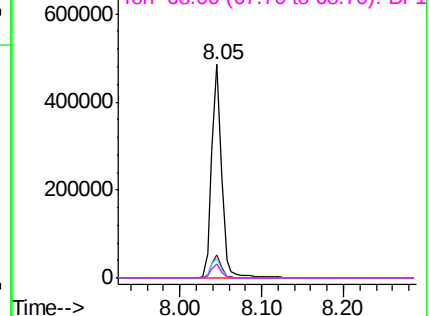
137 11.0 8.6 13.0

54 9.1 7.1 10.7

68 6.6 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

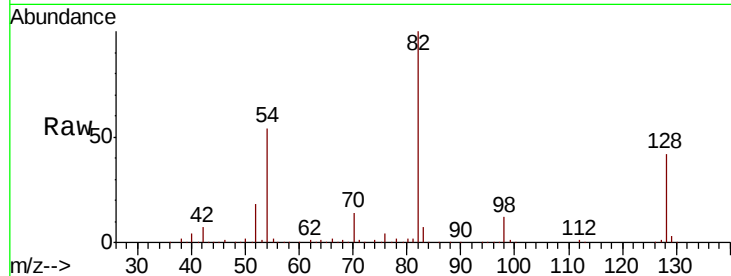




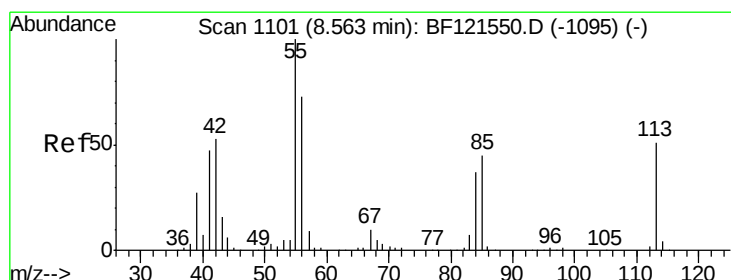
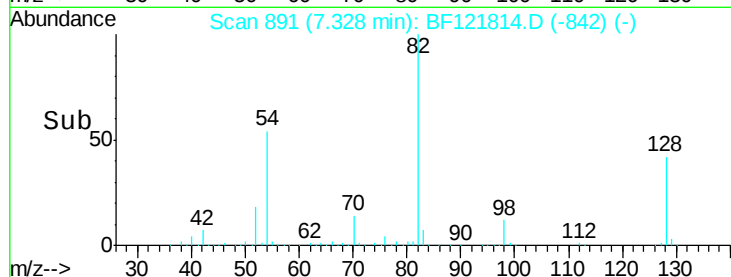
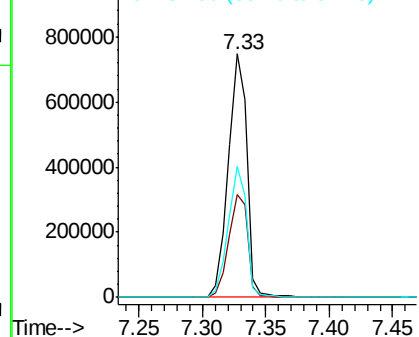
#23
 Nitrobenzene-d5
 Concen: 99.714 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF121814.D
 Acq: 5 Oct 2020 12:41

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01

Tot Ion: 82 Resp: 766044
 Ion Ratio Lower Upper
 82 100
 128 42.5 35.0 52.4
 54 54.0 43.9 65.9

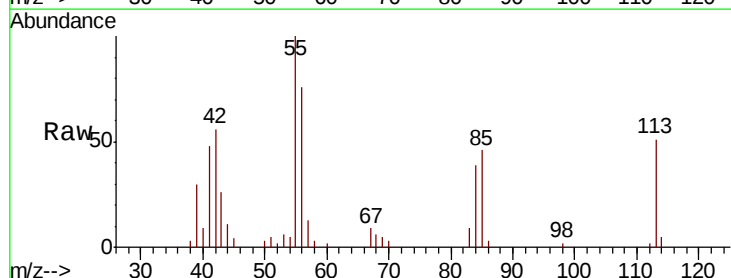


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

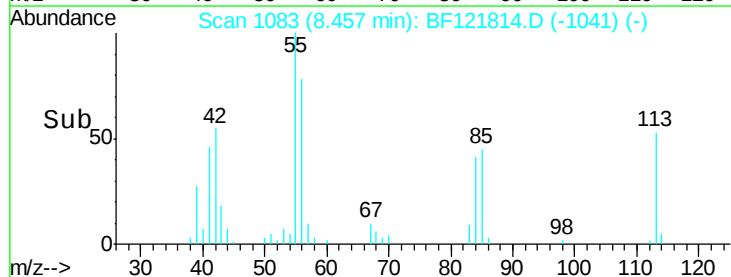
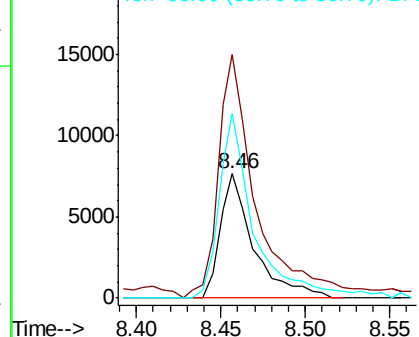


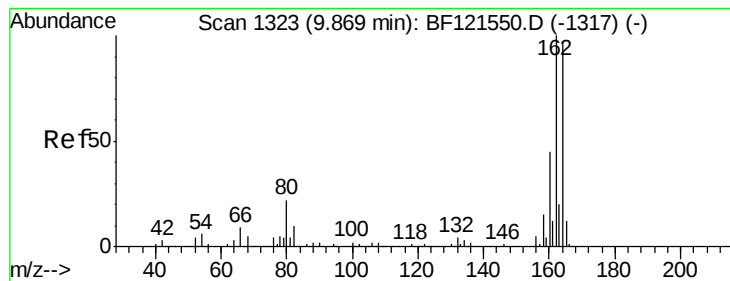
#35
 Caprolactam
 Concen: 5.045 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.05 min
 Lab File: BF121814.D
 Acq: 5 Oct 2020 12:41

Tgt Ion: 113 Resp: 10564
 Ion Ratio Lower Upper
 113 100
 55 195.9 167.5 207.5
 56 148.1 121.2 161.2



Abundance Ion 113.00 (112.70 to 113.70): BF1
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF121814.D

Acq: 5 Oct 2020 12:41

Instrument :

BNA_F

ClientSampleId :

PB-2020-WS-000-01

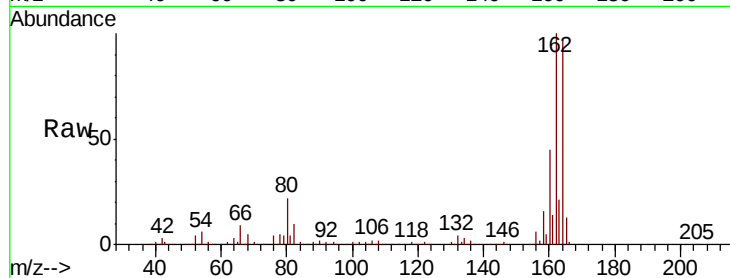
Tot Ion:164 Resp: 214354

Ion Ratio Lower Upper

164 100

162 103.1 83.2 124.8

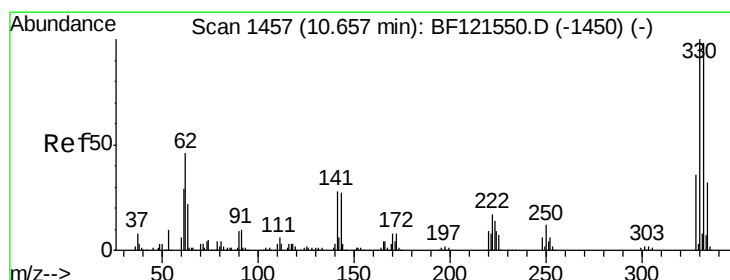
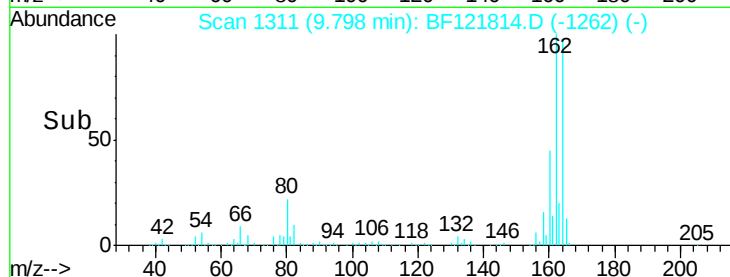
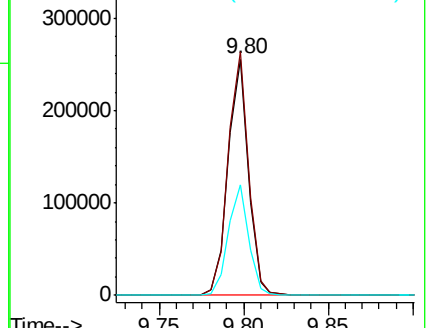
160 46.8 37.5 56.3



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: 139.636 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF121814.D

Acq: 5 Oct 2020 12:41

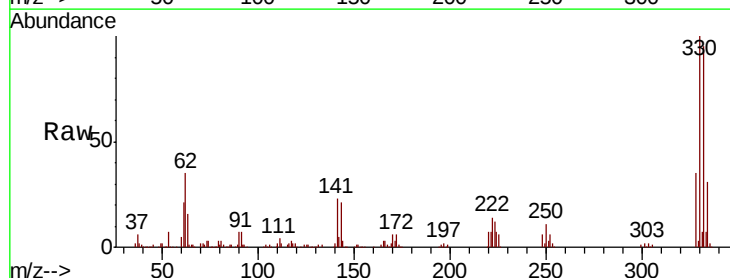
Tgt Ion:330 Resp: 372010

Ion Ratio Lower Upper

330 100

332 95.0 77.3 115.9

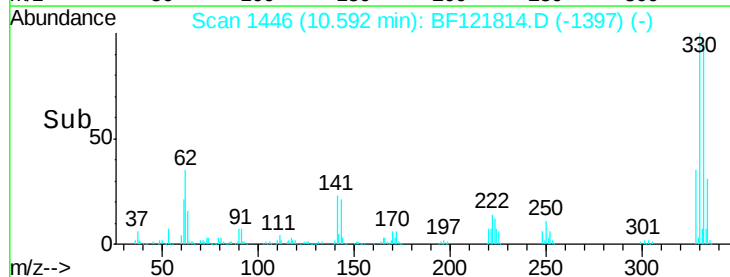
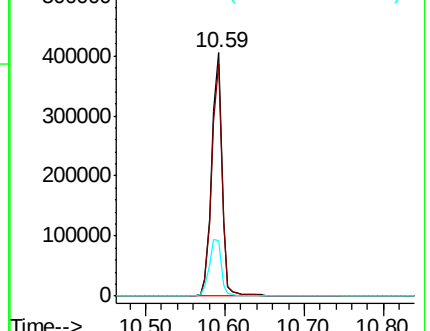
141 27.3 22.3 33.5

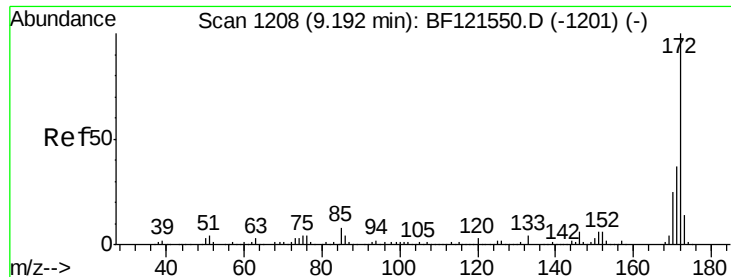


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

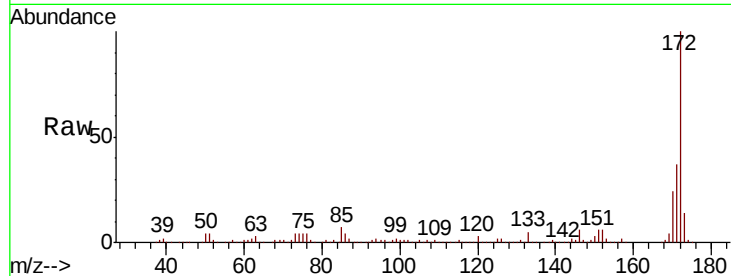




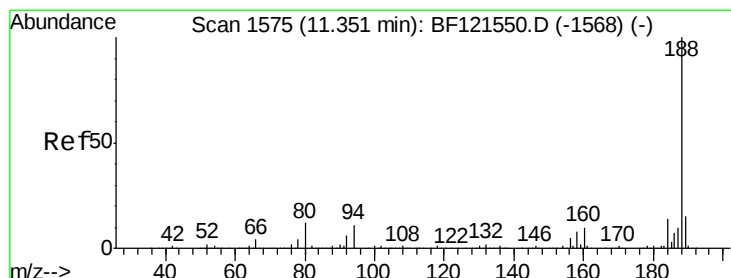
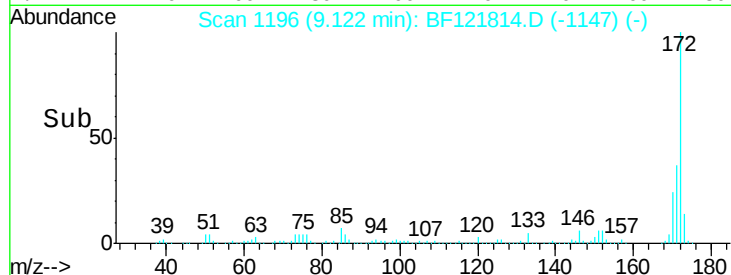
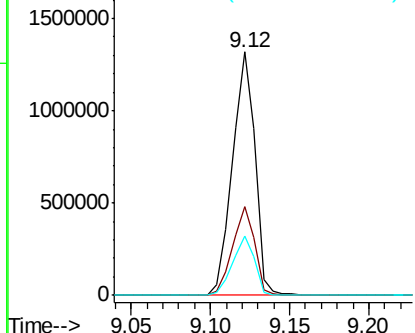
#45
 2-Fluorobiphenyl
 Concen: 92.131 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121814.D
 Acq: 5 Oct 2020 12:41

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01

Tot Ion:172 Resp: 1303947
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.1 43.7
 170 24.5 19.8 29.6

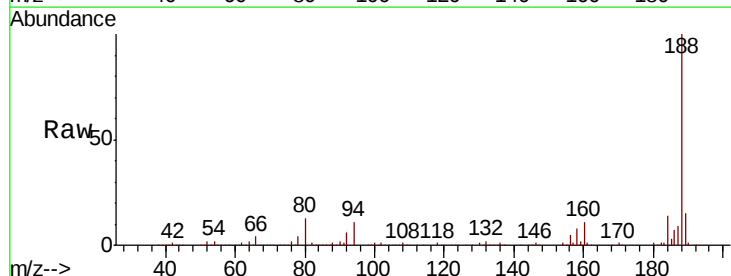


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

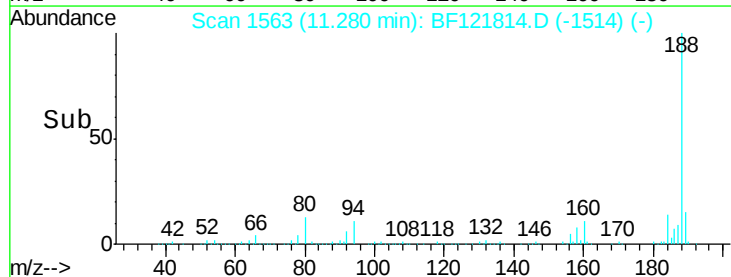
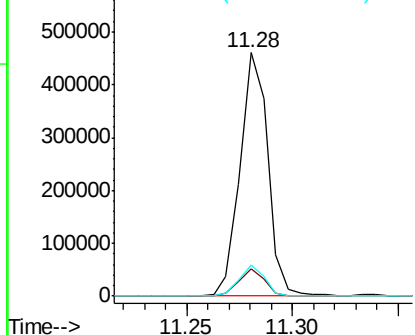


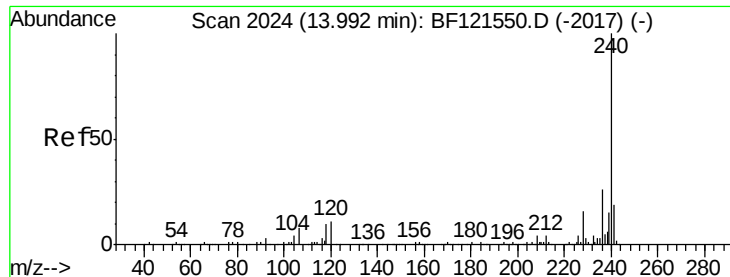
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF121814.D
 Acq: 5 Oct 2020 12:41

Tgt Ion:188 Resp: 420169
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.3 12.5
 80 12.7 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: BF121814.D

Acq: 5 Oct 2020 12:41

Instrument :

BNA_F

ClientSampleId :

PB-2020-WS-000-01

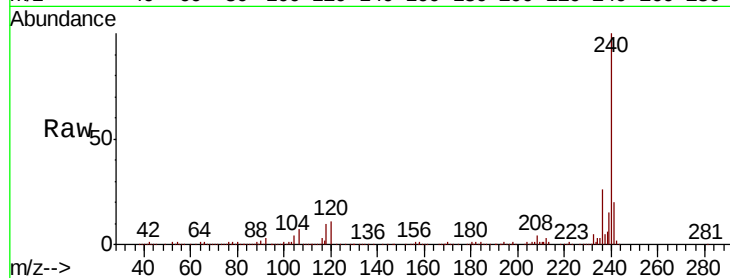
Tot Ion:240 Resp: 392009

Ion Ratio Lower Upper

240 100

120 10.7 9.2 13.8

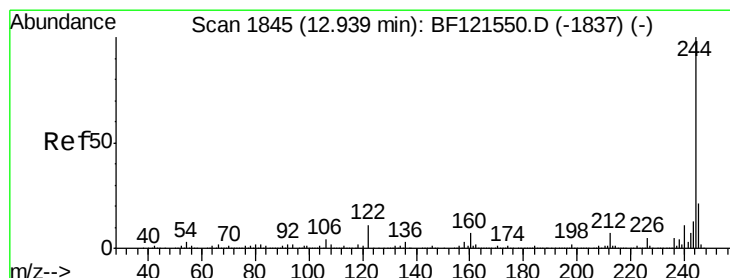
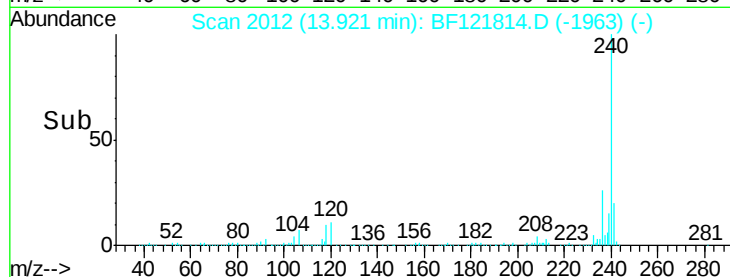
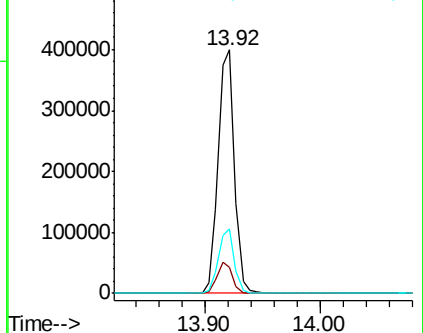
236 26.3 20.9 31.3



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: 84.101 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF121814.D

Acq: 5 Oct 2020 12:41

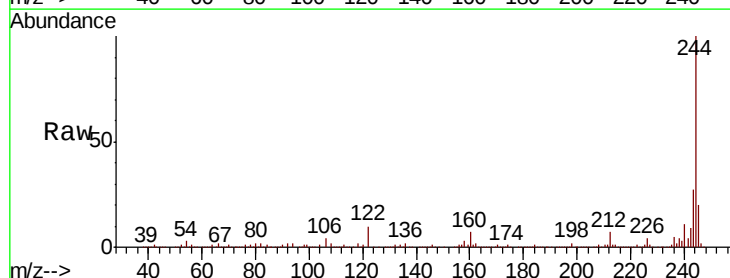
Tgt Ion:244 Resp: 1627335

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

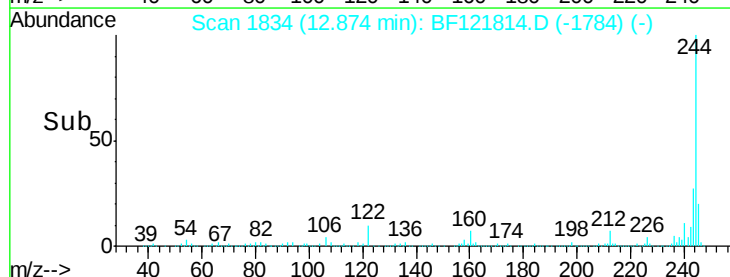
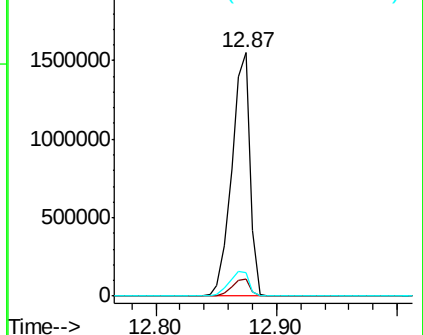
122 9.8 8.1 12.1

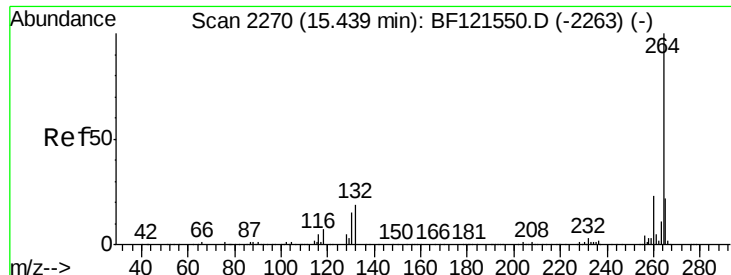


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

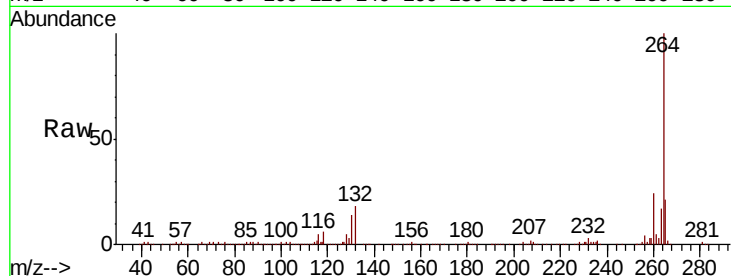




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BF121814.D
 Acq: 5 Oct 2020 12:41

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	20.8	17.3	25.9



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

