

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120905.D
 Acq On : 17 Jul 2020 00:51
 Operator : JU/CG
 Sample : L3308-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 13

Quant Time: Jul 17 03:00:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

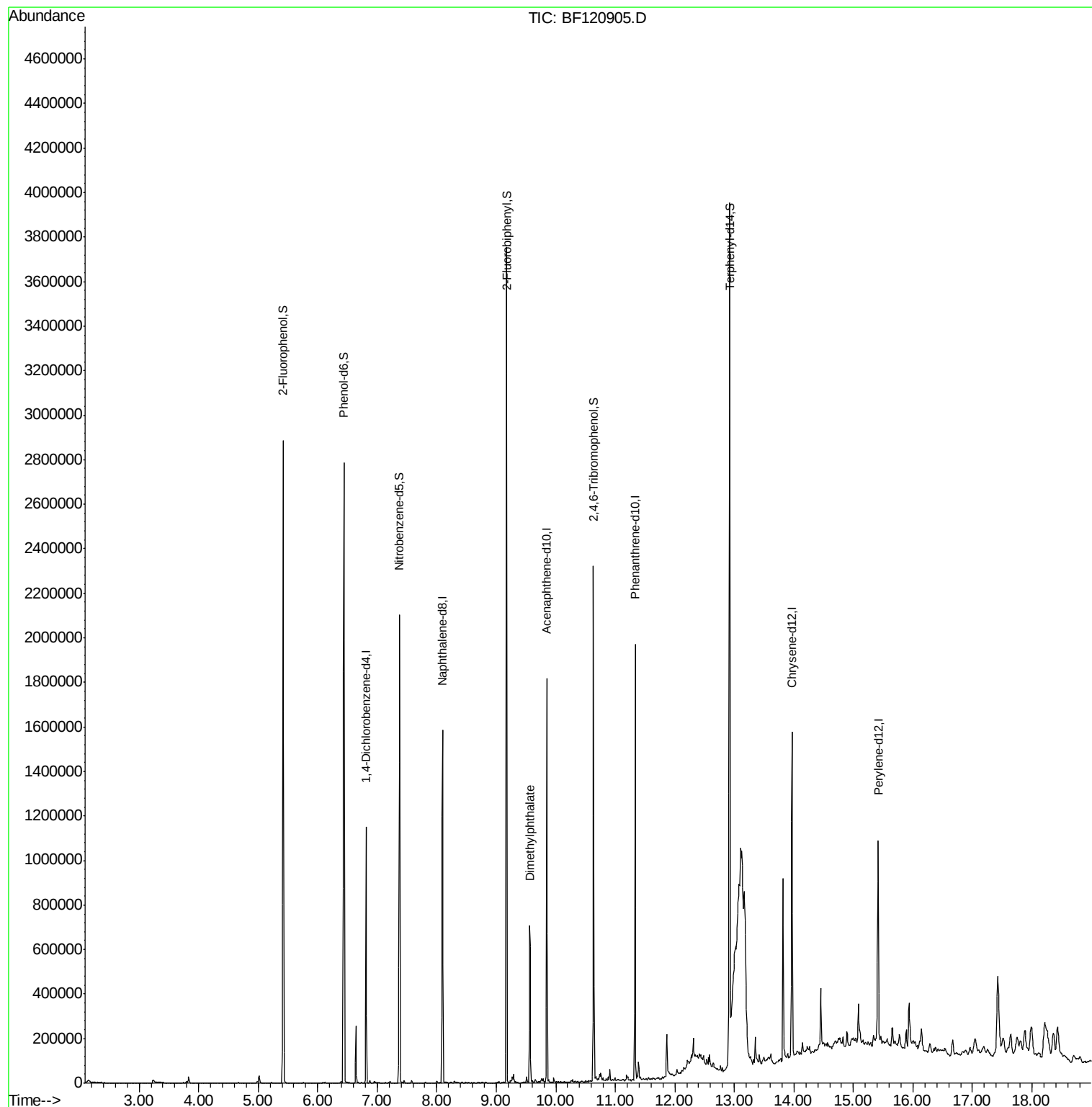
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	170944	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	657889	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	344488	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	652119	20.00	ng	0.00
76) Chrysene-d12	13.97	240	468601	20.00	ng	0.00
86) Perylene-d12	15.42	264	407646	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	836355	80.21	ng	0.00
7) Phenol-d6	6.44	99	1039802	77.20	ng	0.00
23) Nitrobenzene-d5	7.37	82	621309	54.65	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	312570	82.89	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1143049	49.54	ng	0.00
79) Terphenyl-d14	12.92	244	1259441	58.42	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	275167	11.072	ng	Qvalue 98

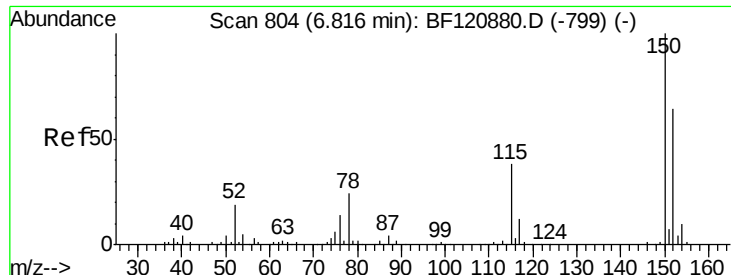
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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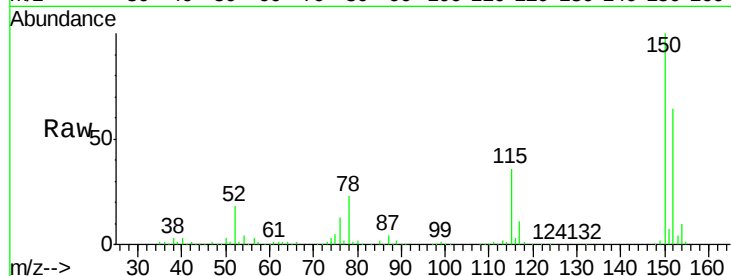


#1

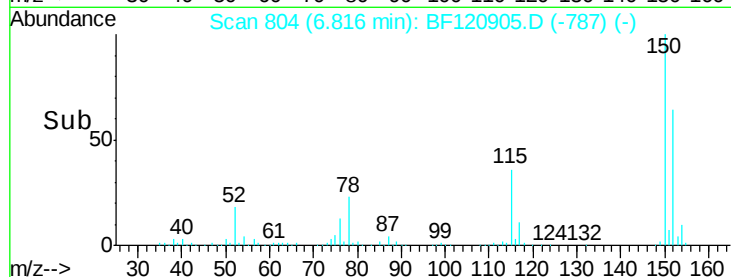
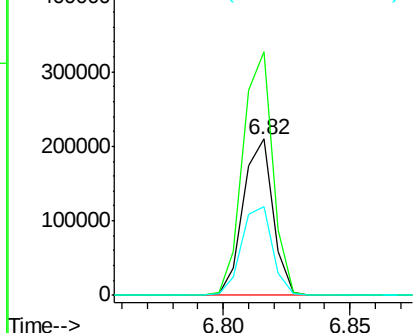
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120905.D
Acq: 17 Jul 2020 00:51

Instrument :
BNA_F
ClientSampled :
13

Tot Ion:152 Resp: 170944
Ion Ratio Lower Upper
152 100
150 155.8 125.0 187.6
115 56.4 47.0 70.4



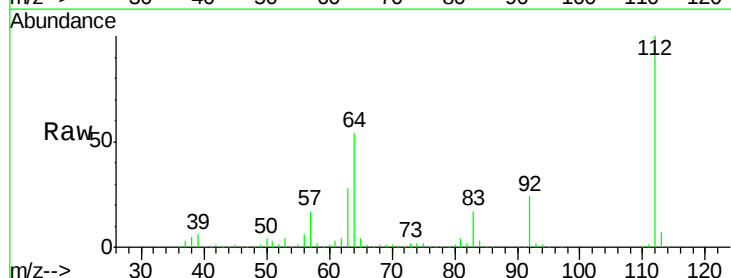
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



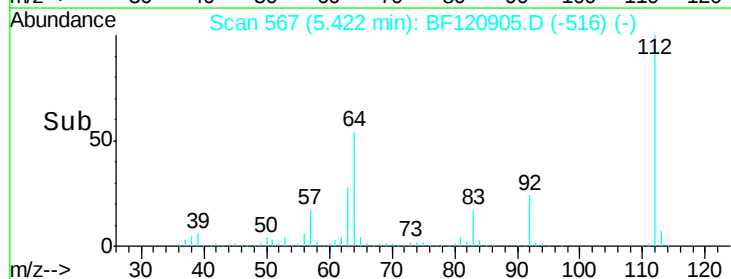
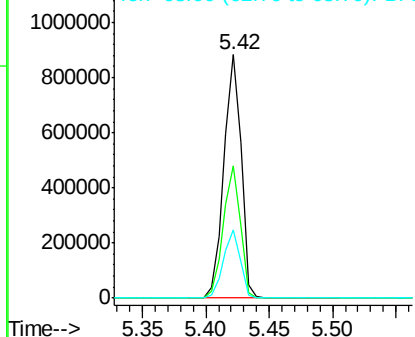
#5

2-Fluorophenol
Concen: 80.207 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF120905.D
Acq: 17 Jul 2020 00:51

Tgt Ion:112 Resp: 836355
Ion Ratio Lower Upper
112 100
64 54.4 41.3 61.9
63 28.0 21.1 31.7



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: 77.196 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120905.D

Acq: 17 Jul 2020 00:51

Instrument :

BNA_F

ClientSampleId :

13

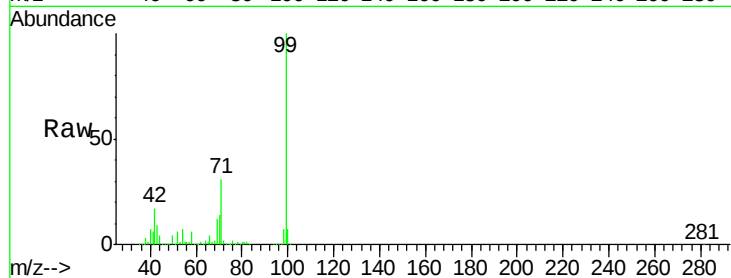
Tot Ion: 99 Resp: 1039802

Ion Ratio Lower Upper

99 100

42 17.1 13.1 19.7

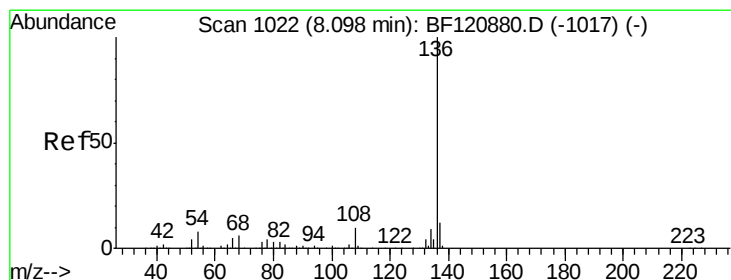
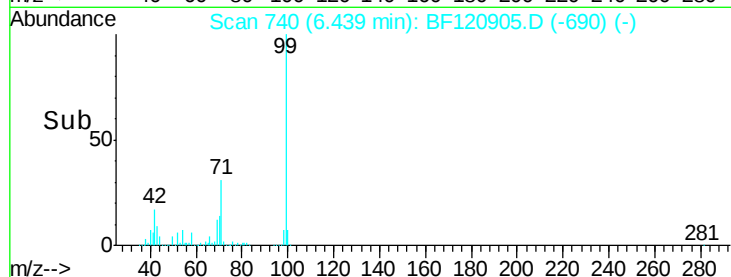
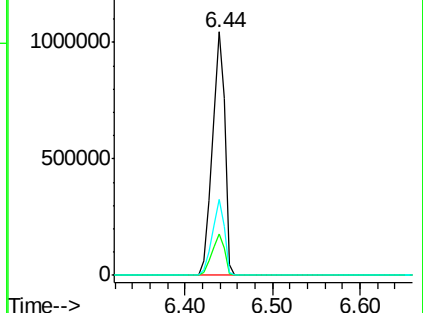
71 31.1 24.2 36.4



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: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120905.D

Acq: 17 Jul 2020 00:51

Tgt Ion: 136 Resp: 657889

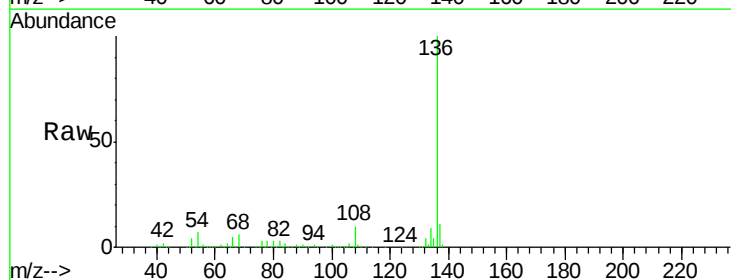
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 7.1 6.3 9.5

68 5.9 5.0 7.4

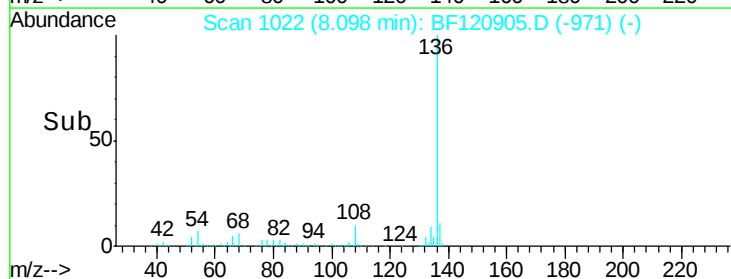
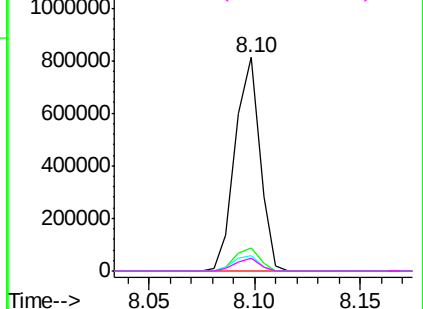


Abundance Ion 136.00 (135.70 to 136.70): E

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

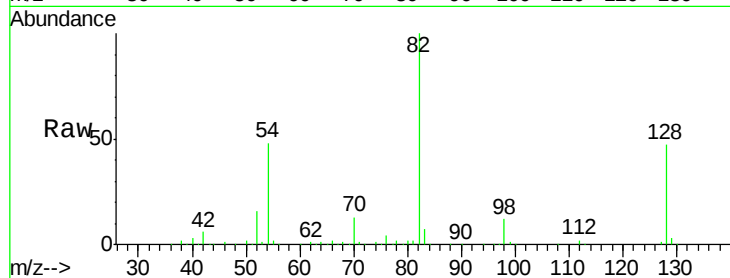




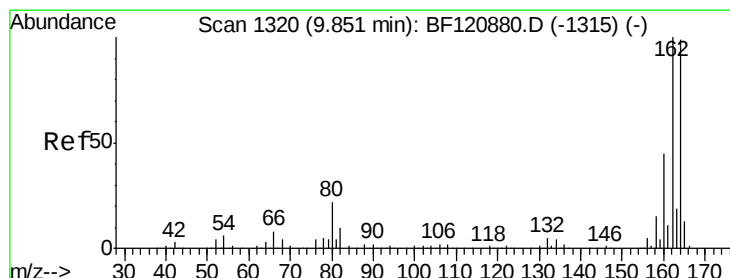
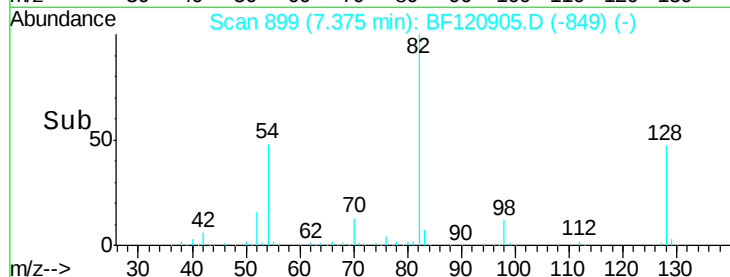
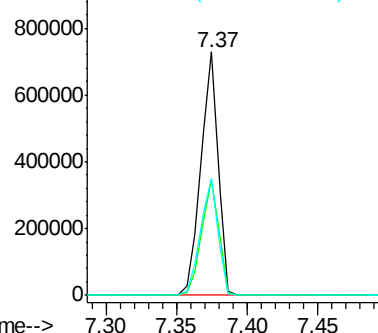
#23
 Nitrobenzene-d5
 Concen: 54.646 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF120905.D
 Acq: 17 Jul 2020 00:51

Instrument :
 BNA_F
 ClientSampled :
 13

Tot Ion	82	Resp	621309
Ion Ratio	100		
Lower	38.2		
Upper	57.4		
128	47.3		
54	48.2		
	38.7		
	58.1		

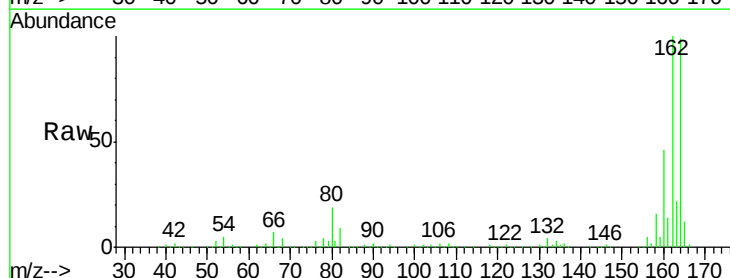


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

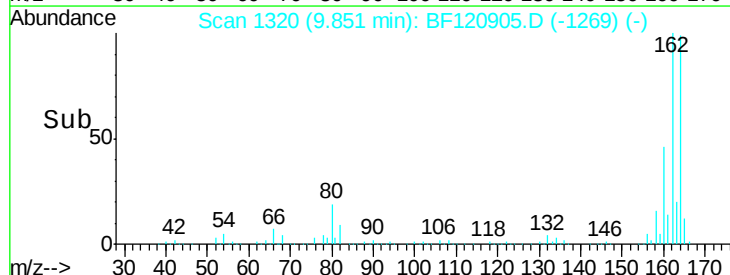
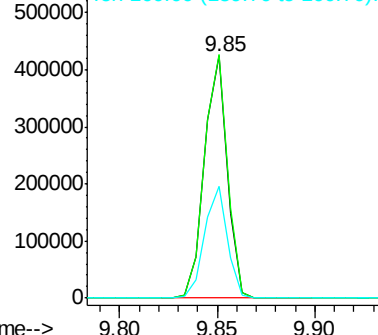


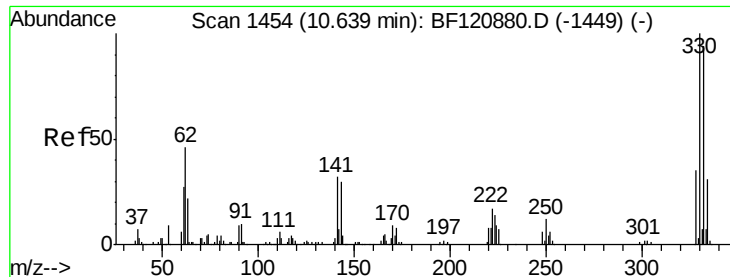
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF120905.D
 Acq: 17 Jul 2020 00:51

Tgt Ion	164	Resp	344488
Ion Ratio	100		
Lower	81.2		
Upper	121.8		
162	100.5		
160	45.9		
	36.9		
	55.3		



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

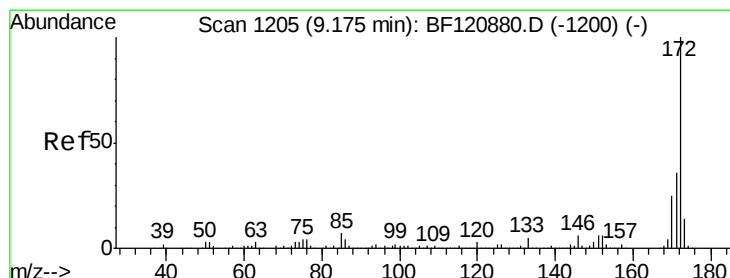
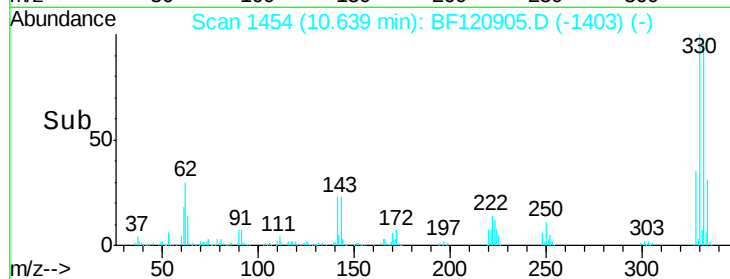
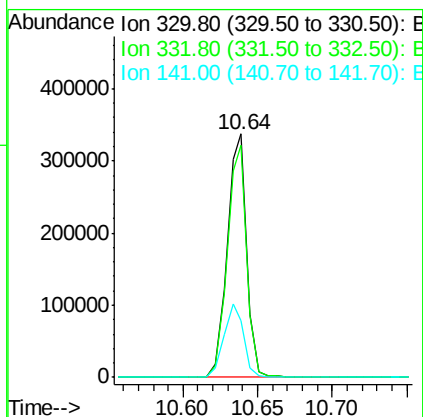
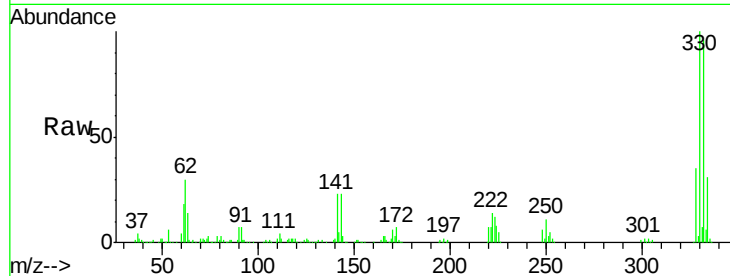




#42
 2,4,6-Tribromophenol
 Concen: 82.893 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120905.D
 Acq: 17 Jul 2020 00:51

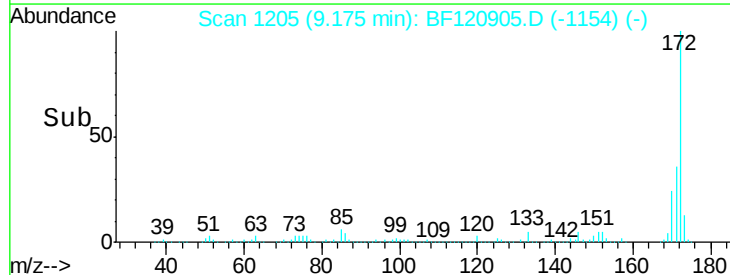
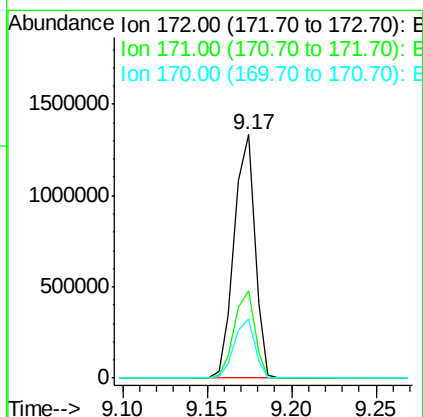
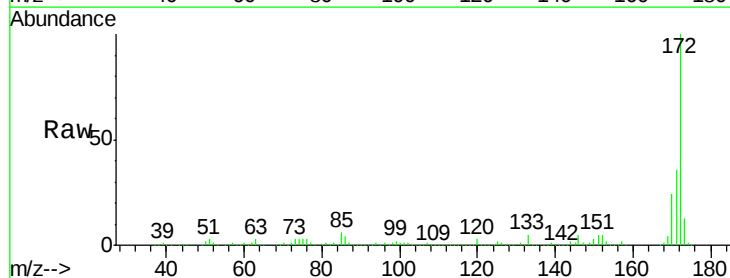
Instrument :
 BNA_F
 ClientSampleId :
 13

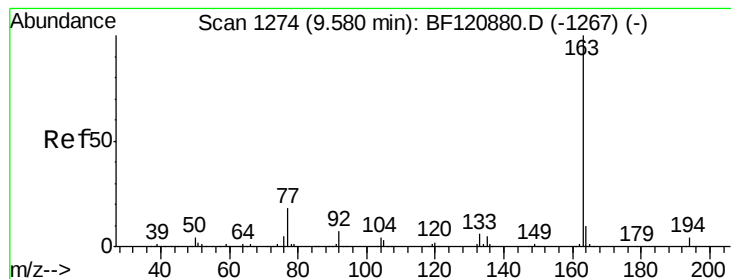
Tot Ion:330 Resp: 312570
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.5 113.3
 141 30.6 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 49.541 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120905.D
 Acq: 17 Jul 2020 00:51

Tgt Ion:172 Resp: 1143049
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.4
 170 24.5 19.6 29.4





#50

Dimethylphthalate

Concen: 11.072 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF120905.D

Acq: 17 Jul 2020 00:51

Instrument :

BNA_F

ClientSampleId :

13

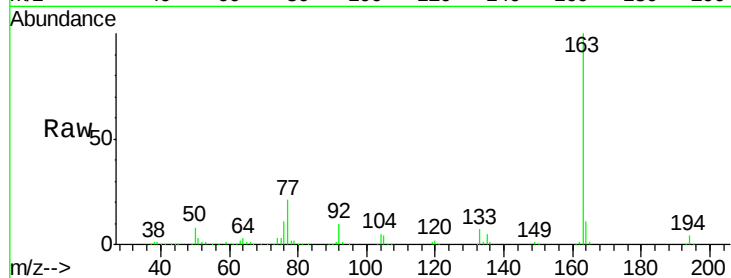
Tot Ion:163 Resp: 275167

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

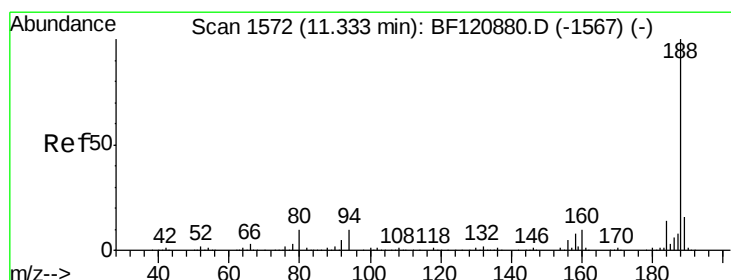
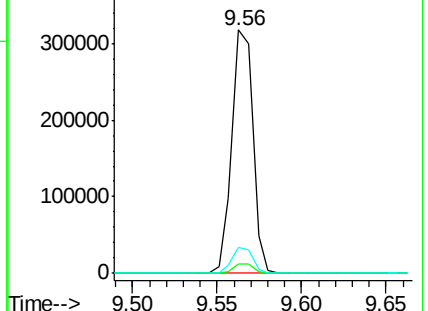
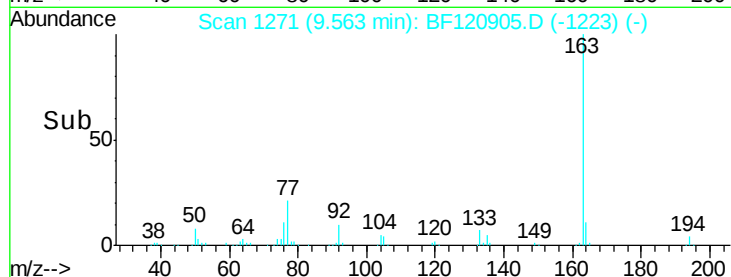
164 10.8 7.9 11.9



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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120905.D

Acq: 17 Jul 2020 00:51

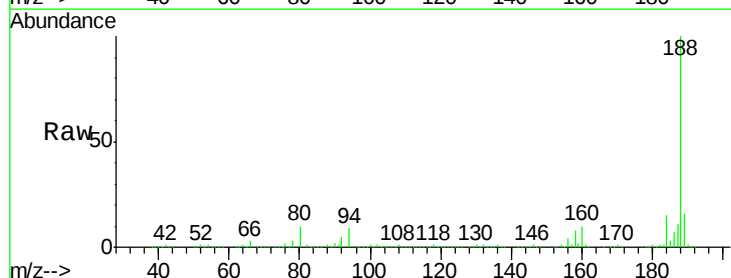
Tgt Ion:188 Resp: 652119

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

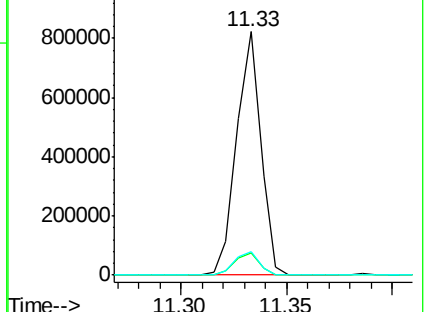
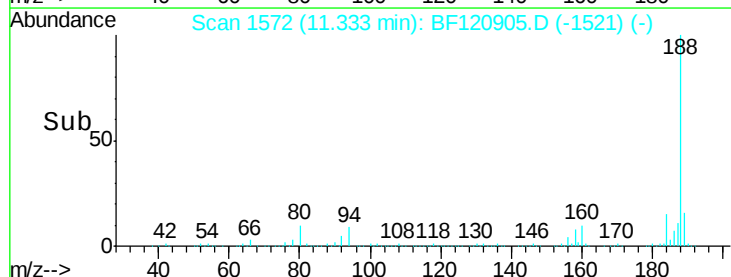
80 9.7 8.3 12.5

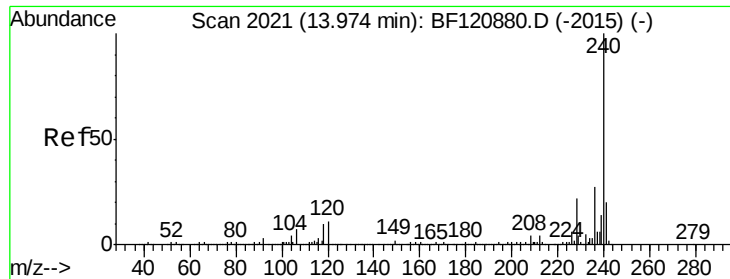


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

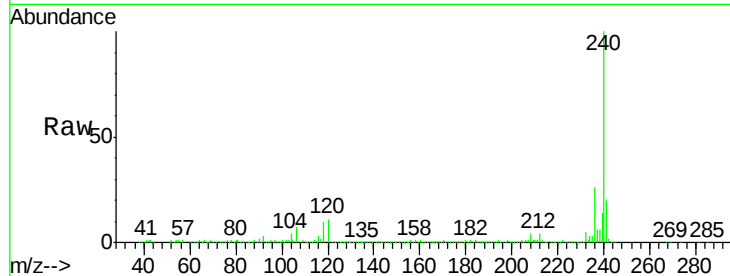




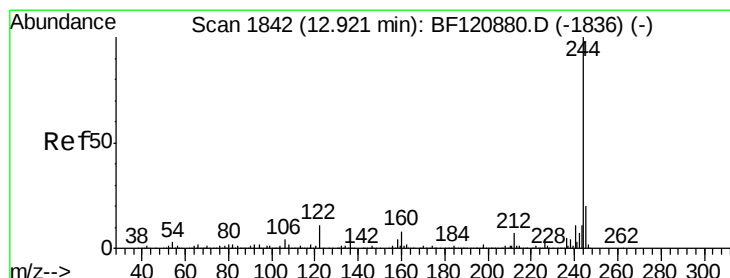
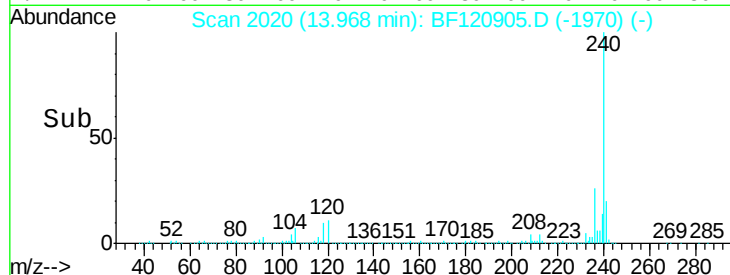
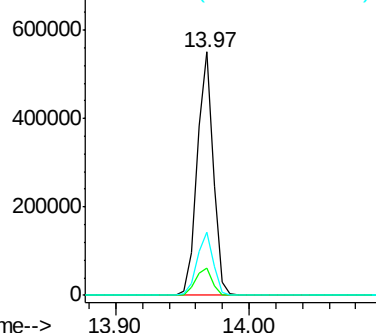
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120905.D
Acq: 17 Jul 2020 00:51

Instrument :
BNA_F
ClientSampleId :
13

Tot Ion:240 Resp: 468601
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 25.9 21.7 32.5

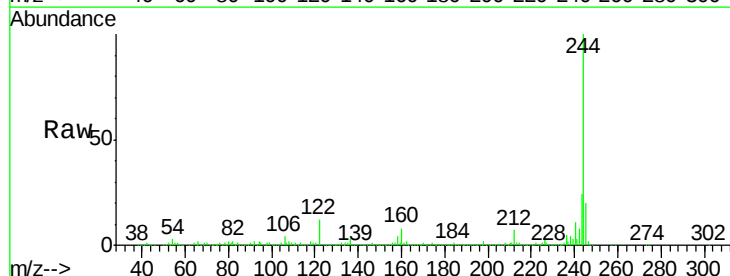


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

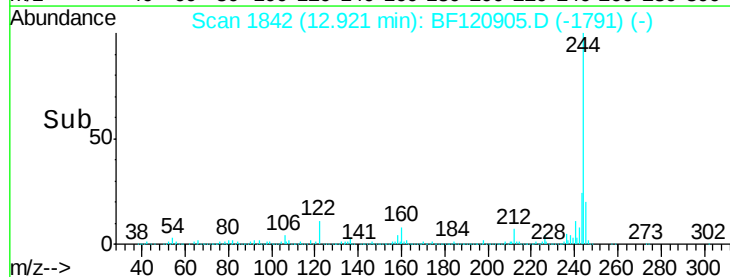
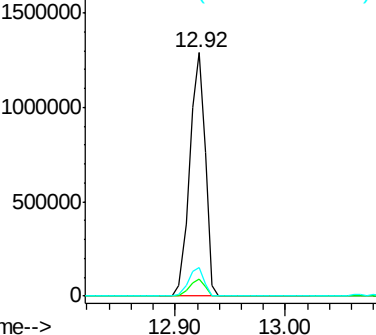


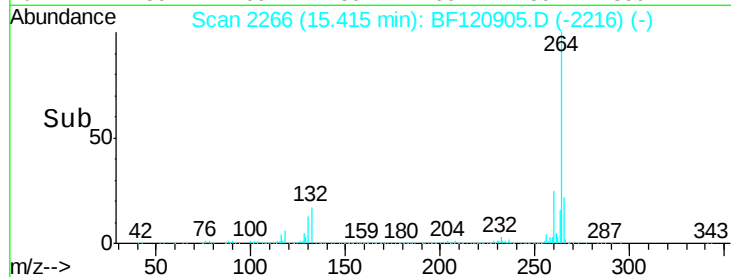
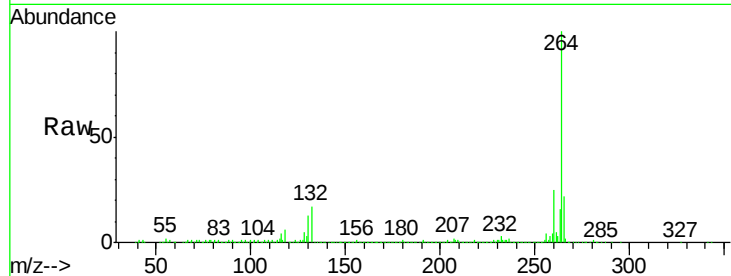
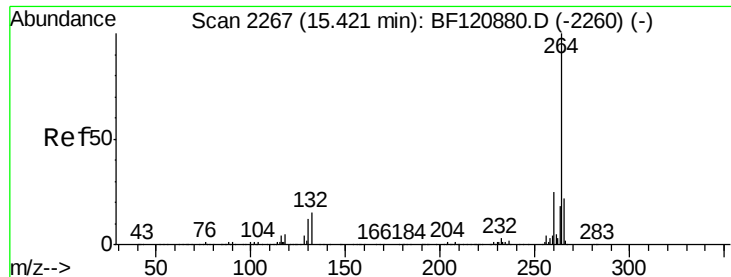
#79
Terphenyl-d14
Concen: 58.424 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF120905.D
Acq: 17 Jul 2020 00:51

Tgt Ion:244 Resp: 1259441
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 11.5 8.9 13.3



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: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF120905.D
 Acq: 17 Jul 2020 00:51

Instrument :
 BNA_F
 ClientSampleId :
 13

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.0	30.0
265	22.4	17.4	26.2

