

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120901.D
 Acq On : 16 Jul 2020 22:54
 Operator : JU/CG
 Sample : L3308-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 9

Quant Time: Jul 17 05:33:58 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

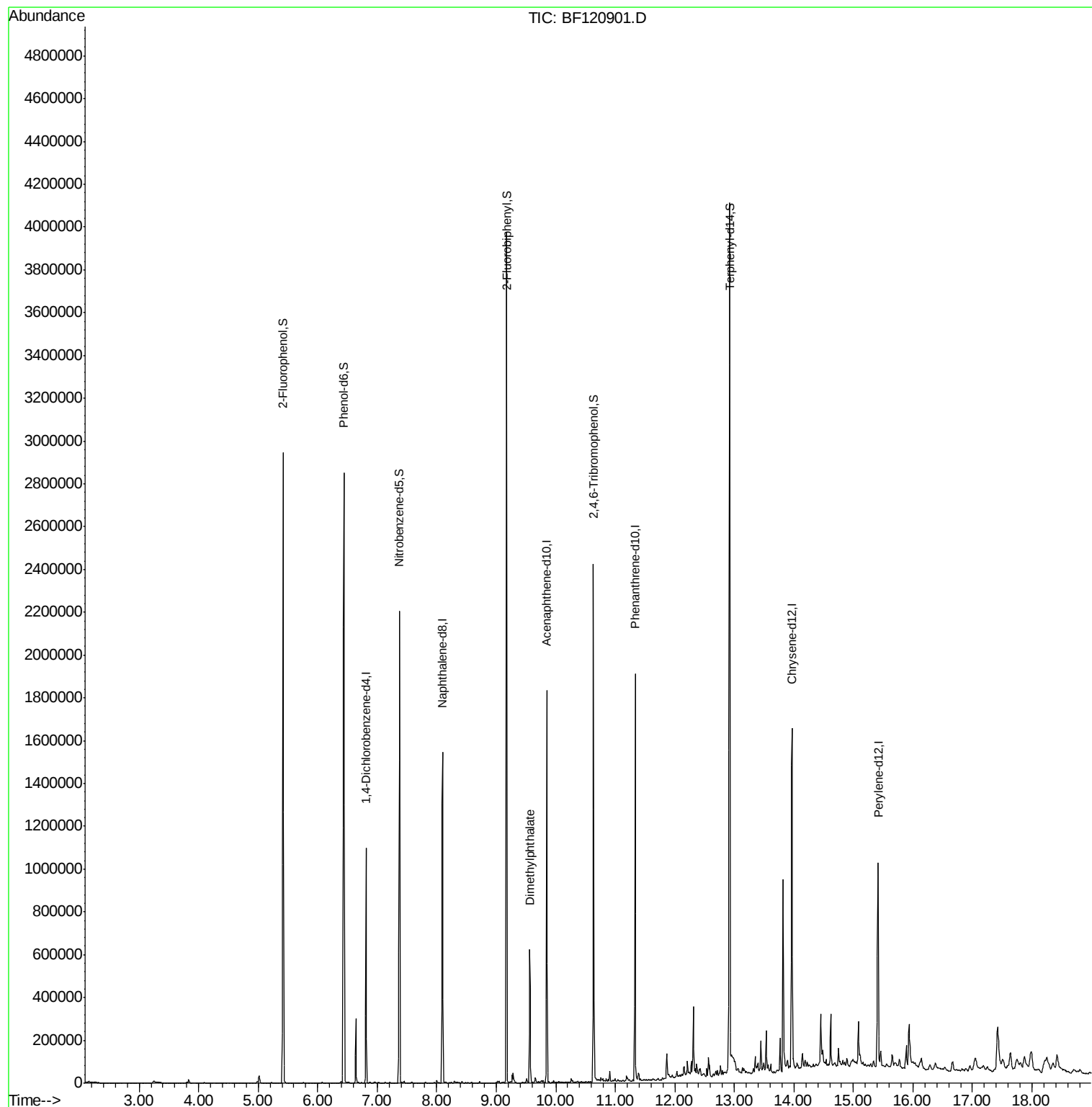
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	167694	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	653030	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	344998	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	669375	20.00	ng	0.00
76) Chrysene-d12	13.97	240	532941	20.00	ng	0.00
86) Perylene-d12	15.42	264	431713	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	850725	83.17	ng	0.00
7) Phenol-d6	6.44	99	1051666	79.59	ng	0.00
23) Nitrobenzene-d5	7.37	82	638602	56.58	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	323891	85.77	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1179637	51.05	ng	0.00
79) Terphenyl-d14	12.92	244	1355691	55.30	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	226730	9.109	ng	Qvalue 98

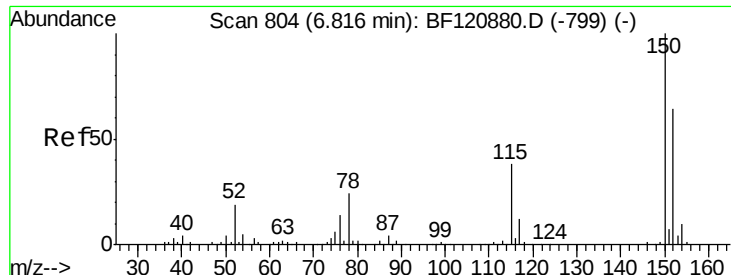
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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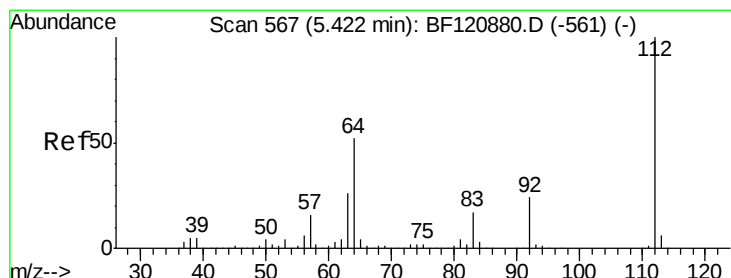
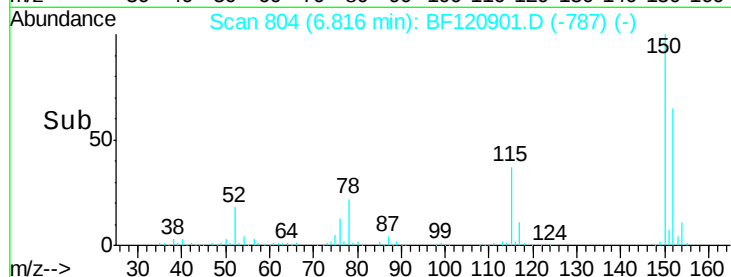
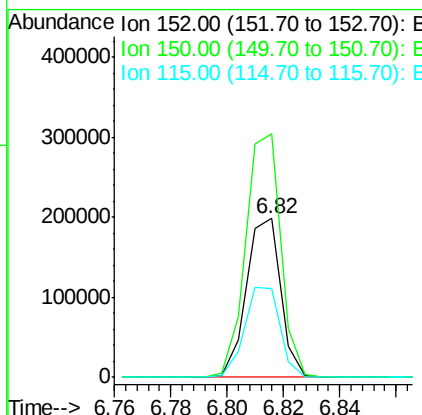
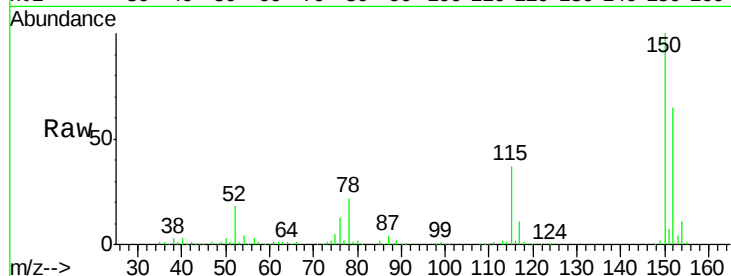


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF120901.D
Acq: 16 Jul 2020 22:54

Instrument :
BNA_F
ClientSampled :
9

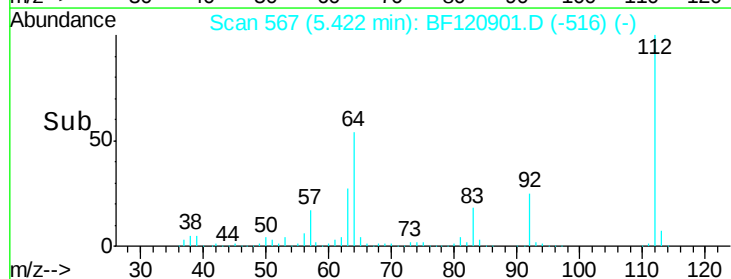
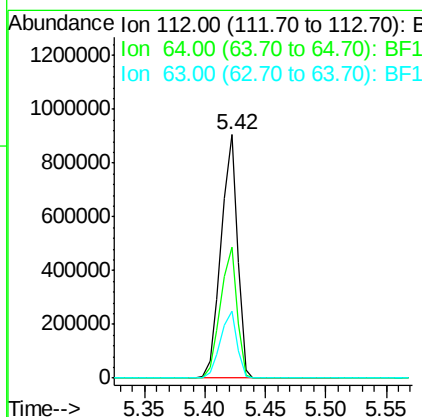
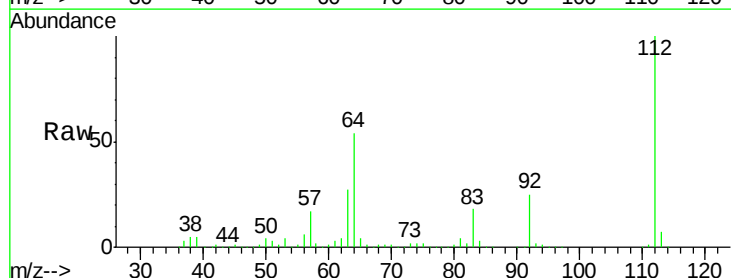
Tot Ion:152 Resp: 167694
Ion Ratio Lower Upper
152 100
150 153.5 125.0 187.6
115 56.2 47.0 70.4



#5

2-Fluorophenol
Concen: 83.166 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF120901.D
Acq: 16 Jul 2020 22:54

Tgt Ion:112 Resp: 850725
Ion Ratio Lower Upper
112 100
64 53.9 41.3 61.9
63 27.3 21.1 31.7





#7

Phenol-d6

Concen: 79.590 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120901.D

Acq: 16 Jul 2020 22:54

Instrument :

BNA_F

ClientSampled :

9

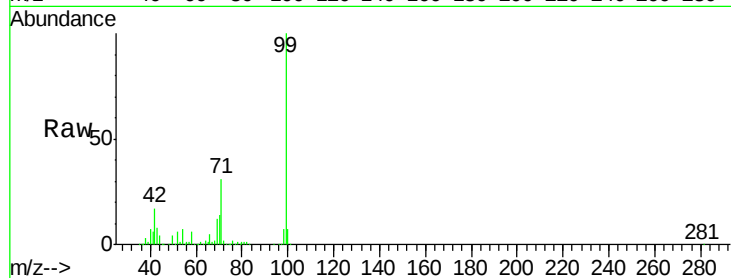
Tot Ion: 99 Resp: 1051666

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.1	19.7
71	31.2	24.2	36.4

99 100

42 17.0 13.1 19.7

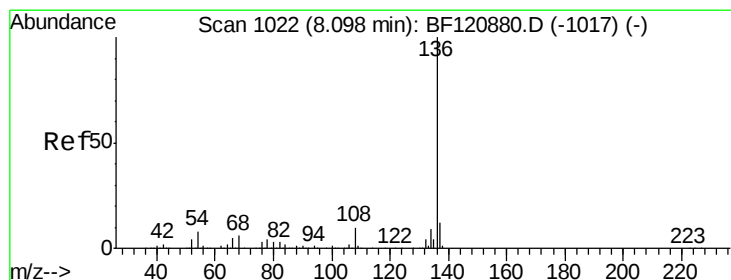
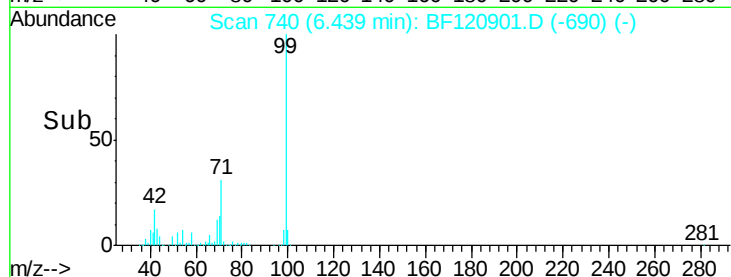
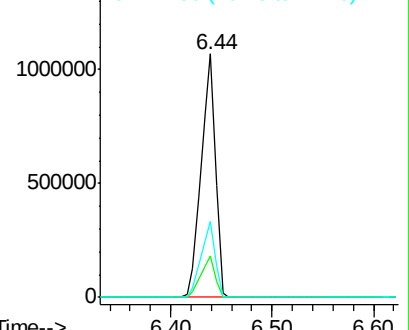
71 31.2 24.2 36.4



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: BF120901.D

Acq: 16 Jul 2020 22:54

Tgt Ion: 136 Resp: 653030

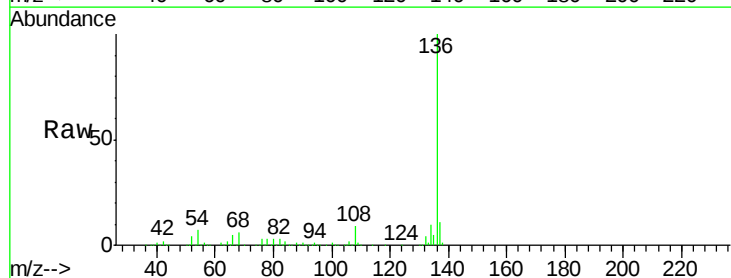
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.3	13.9
54	7.0	6.3	9.5
68	5.6	5.0	7.4

136 100

137 10.8 9.3 13.9

54 7.0 6.3 9.5

68 5.6 5.0 7.4

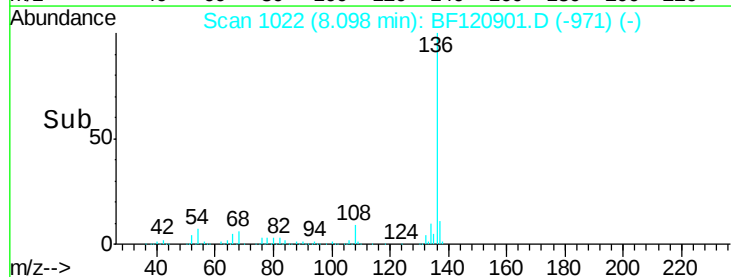
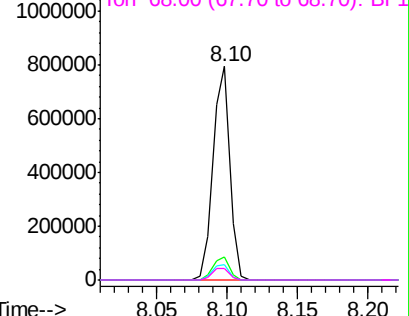


Abundance Ion 136.00 (135.70 to 136.70): E

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

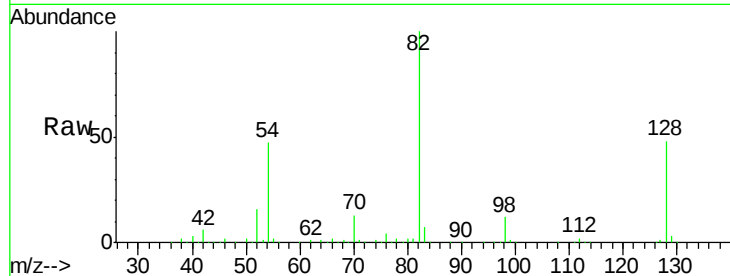




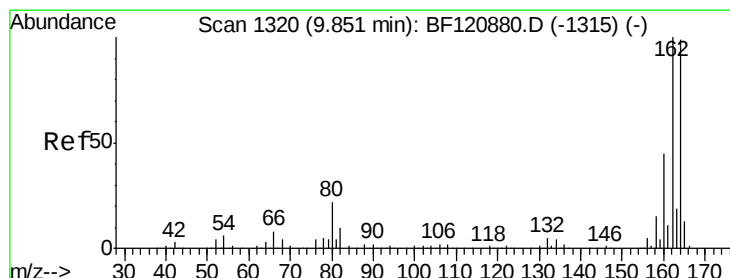
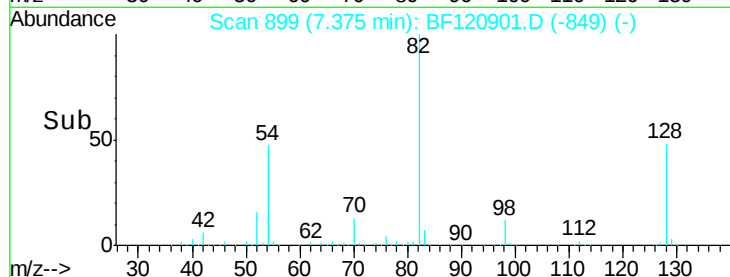
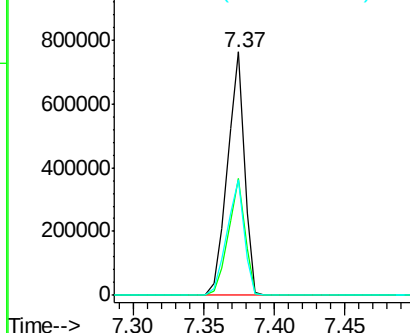
#23
 Nitrobenzene-d5
 Concen: 56.585 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF120901.D
 Acq: 16 Jul 2020 22:54

Instrument :
 BNA_F
 ClientSampled :
 9

Tot Ion: 82 Resp: 638602
 Ion Ratio Lower Upper
 82 100
 128 48.3 38.2 57.4
 54 47.4 38.7 58.1

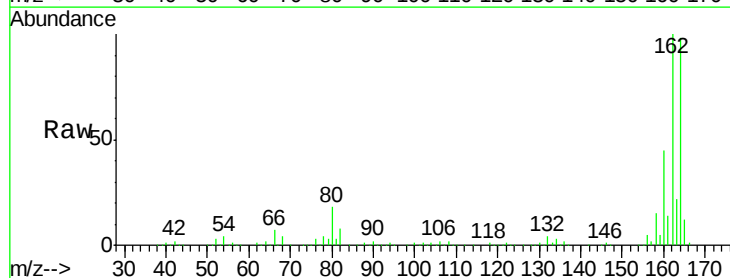


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

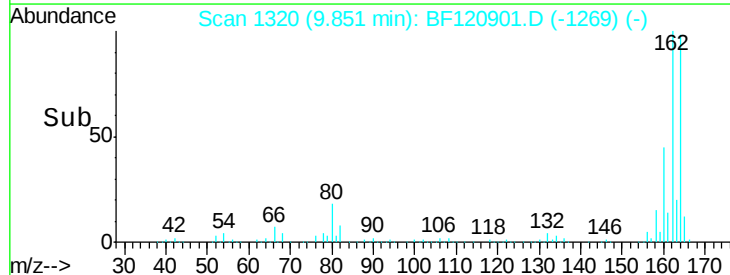
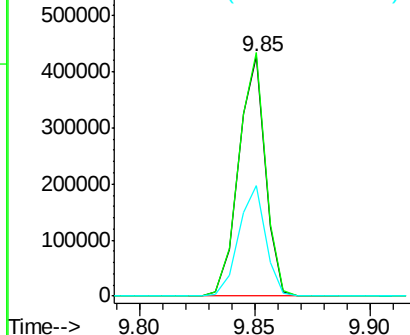


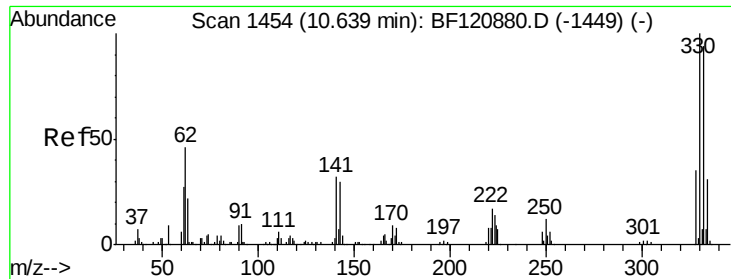
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF120901.D
 Acq: 16 Jul 2020 22:54

Tgt Ion: 164 Resp: 344998
 Ion Ratio Lower Upper
 164 100
 162 101.8 81.2 121.8
 160 46.3 36.9 55.3



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

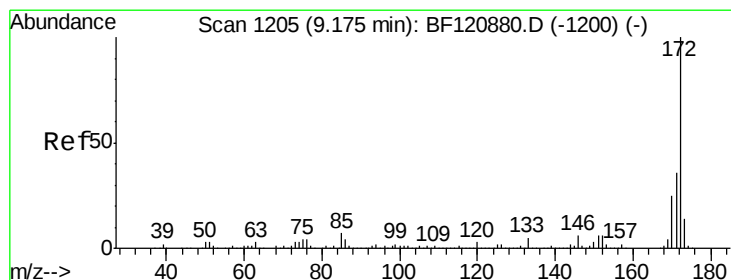
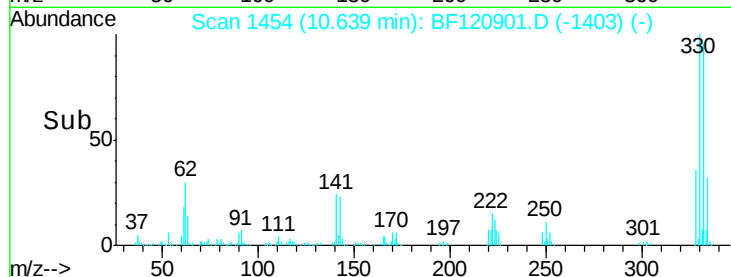
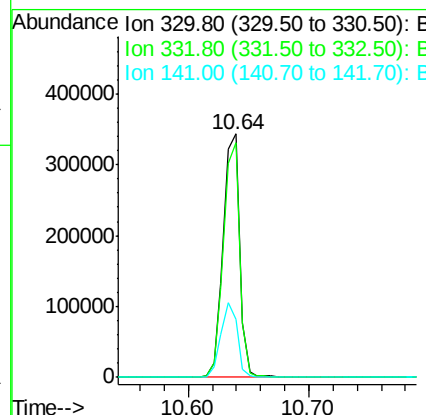
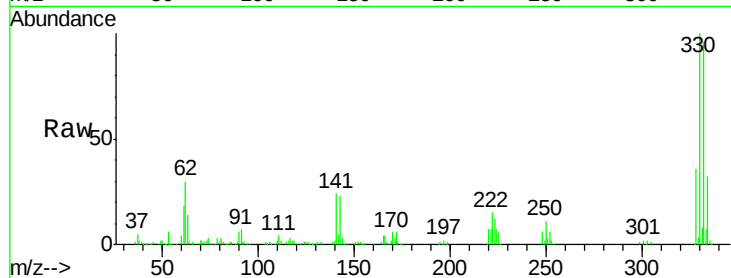




#42
 2,4,6-Tribromophenol
 Concen: 85.768 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF120901.D
 Acq: 16 Jul 2020 22:54

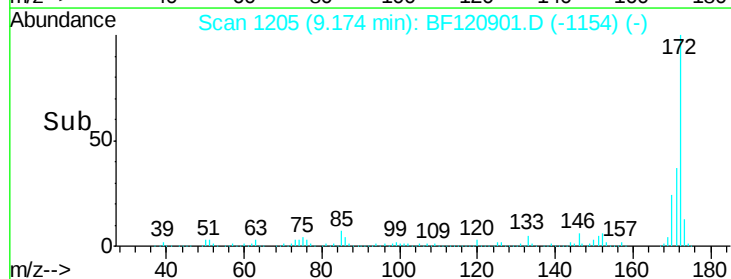
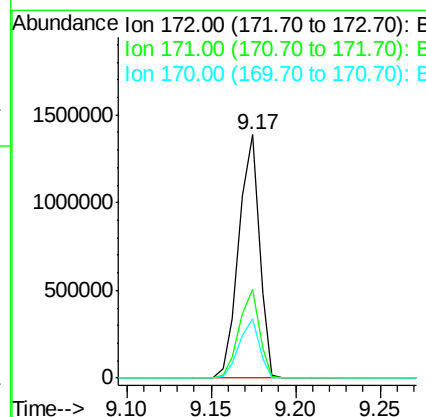
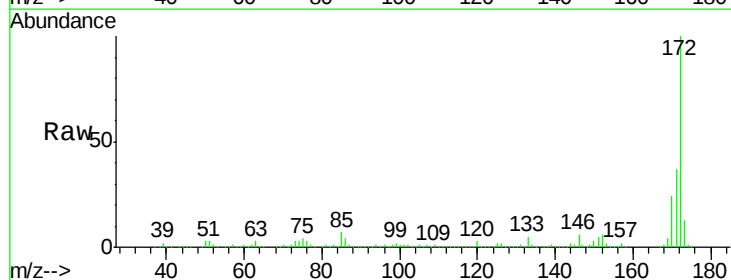
Instrument :
 BNA_F
 ClientSampled :
 9

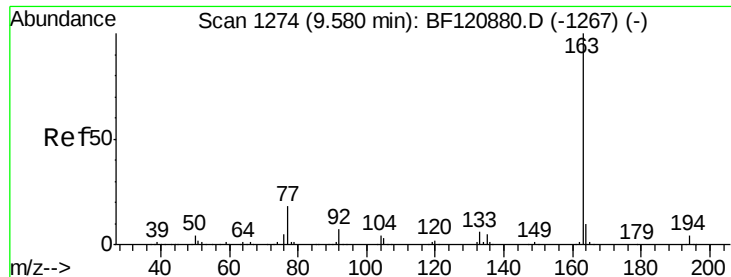
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.5	113.3
141	30.8	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 51.051 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF120901.D
 Acq: 16 Jul 2020 22:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.4	19.6	29.4

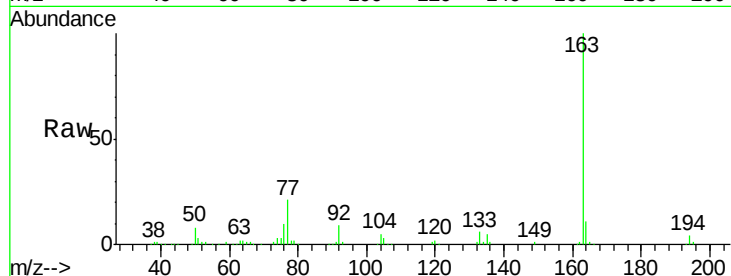




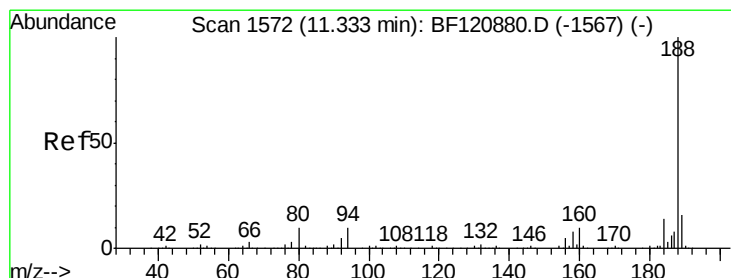
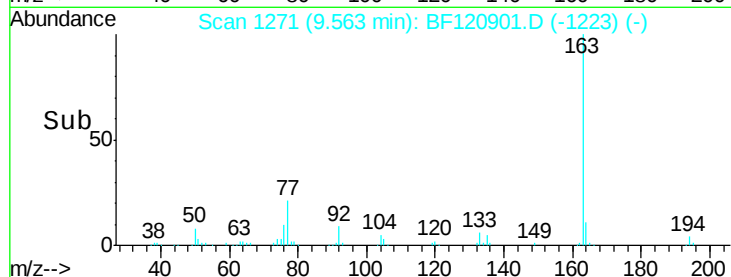
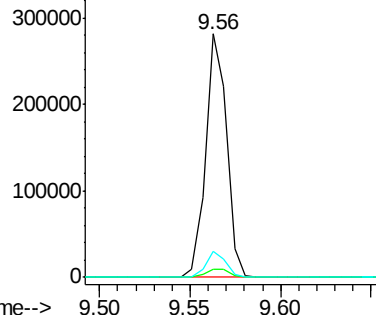
#50
Dimethylphthalate
Concen: 9.109 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF120901.D
Acq: 16 Jul 2020 22:54

Instrument :
BNA_F
ClientSampleId :
9

Tot Ion:163 Resp: 226730
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.5 7.9 11.9

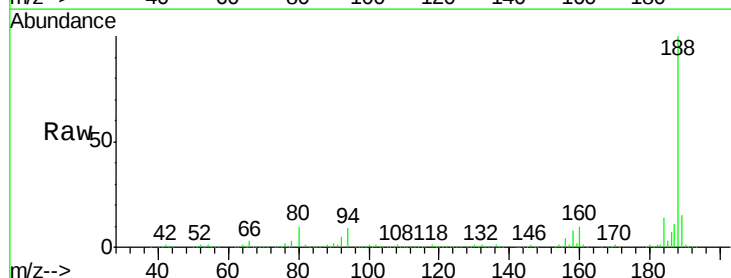


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

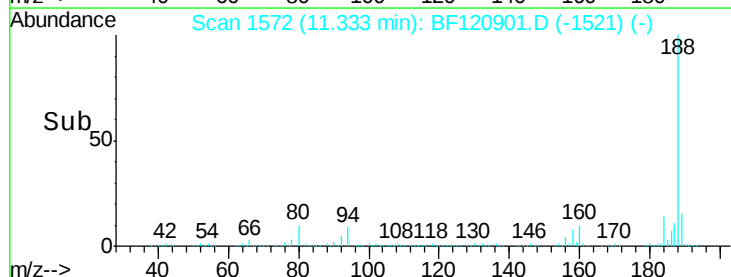
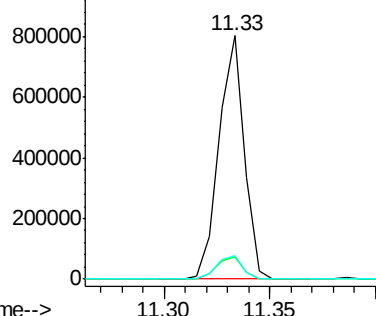


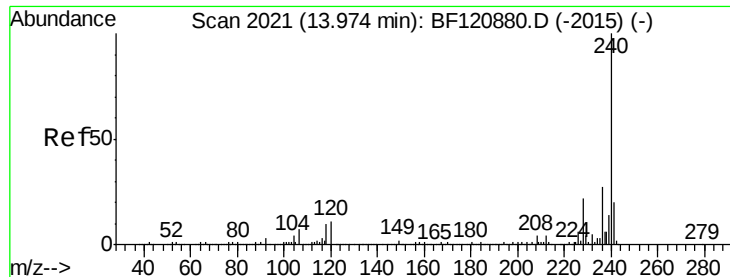
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF120901.D
Acq: 16 Jul 2020 22:54

Tgt Ion:188 Resp: 669375
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 9.5 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: BF120901.D

Acq: 16 Jul 2020 22:54

Instrument :

BNA_F

ClientSampleId :

9

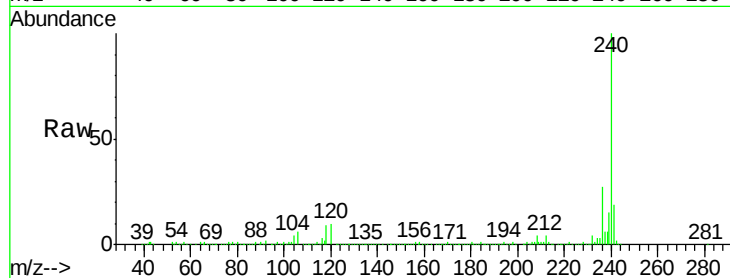
Tot Ion:240 Resp: 532941

Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.4

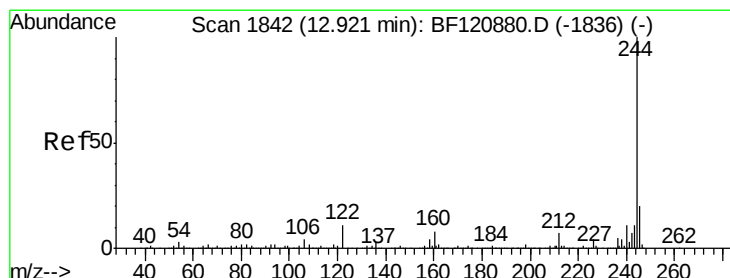
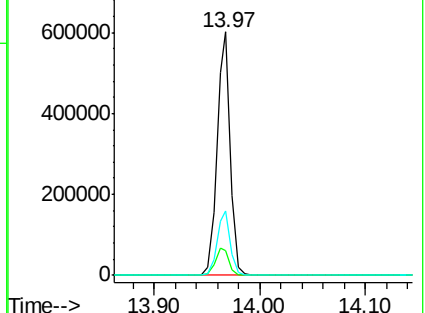
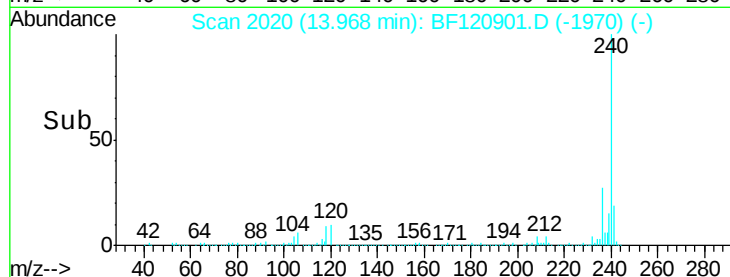
236 26.6 21.7 32.5



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: 55.297 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF120901.D

Acq: 16 Jul 2020 22:54

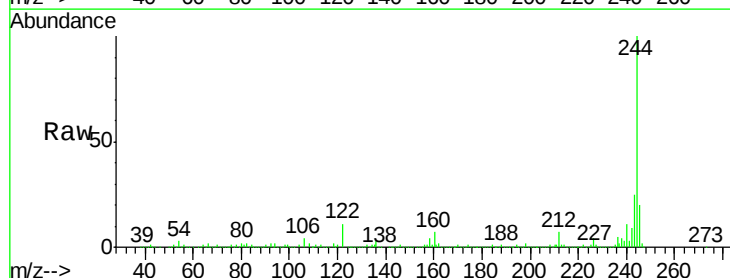
Tgt Ion:244 Resp: 1355691

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

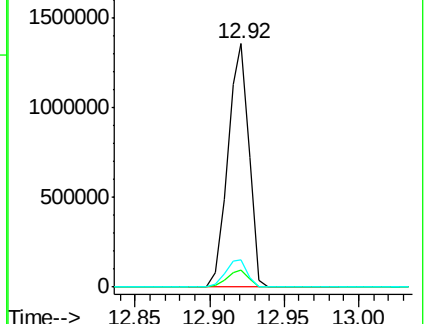
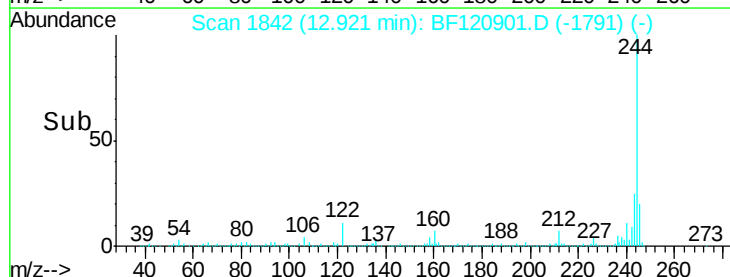
122 11.2 8.9 13.3

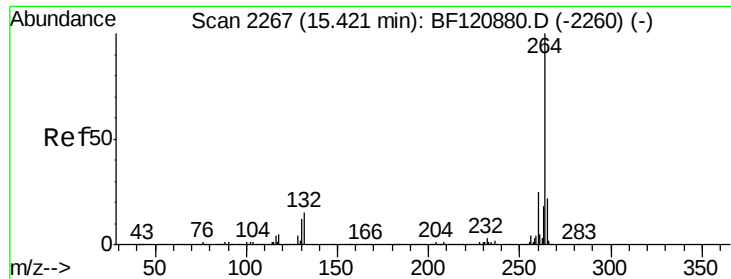


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF120901.D
 Acq: 16 Jul 2020 22:54

Instrument :
 BNA_F
 ClientSampleId :
 9

Tot Ion:264 Resp: 431713
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.0 30.0
 265 21.6 17.4 26.2

