

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120902.D
 Acq On : 16 Jul 2020 23:23
 Operator : JU/CG
 Sample : L3308-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 10

Quant Time: Jul 17 05:35:40 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

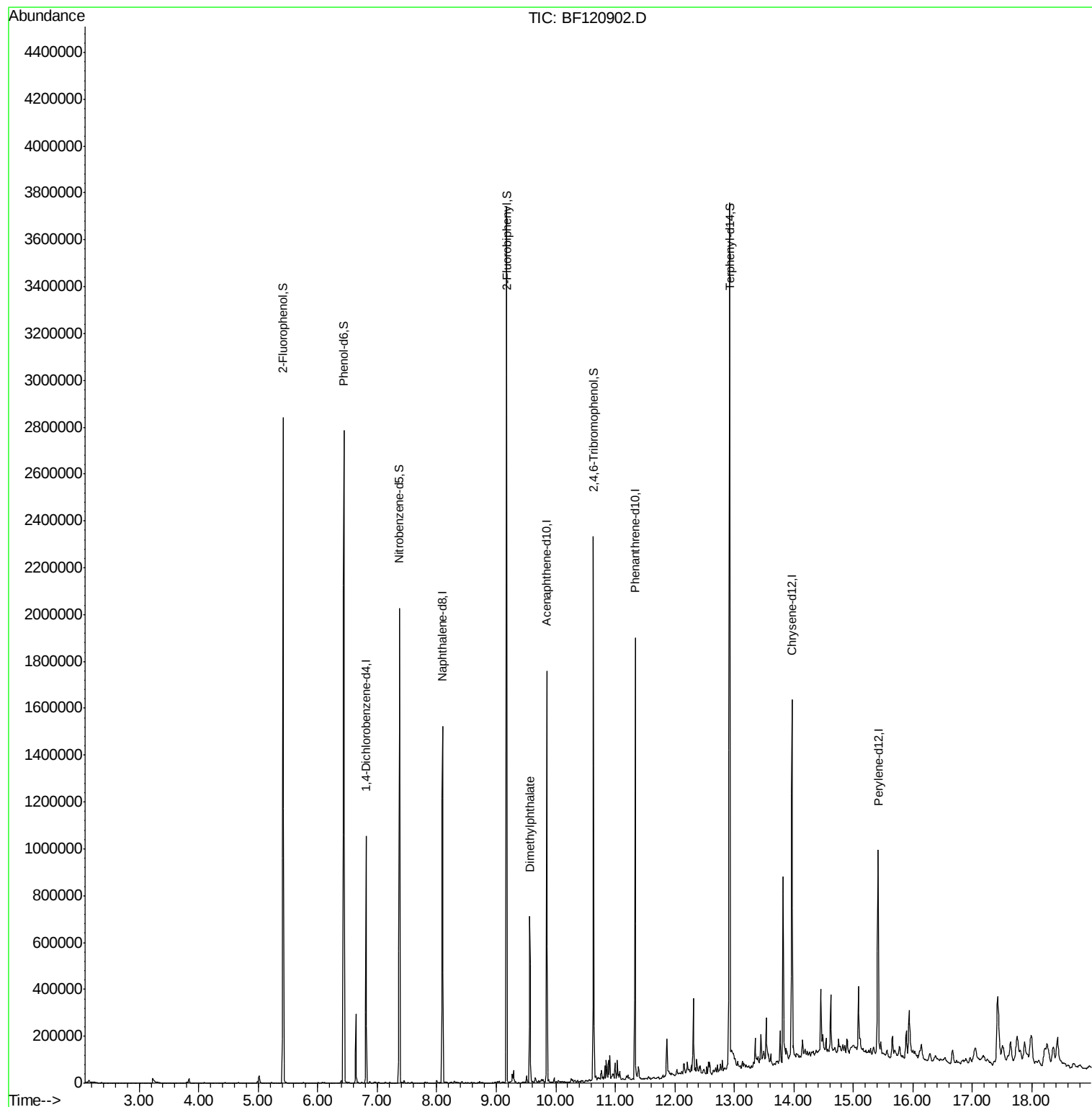
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	165890	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	638068	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	339444	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	641317	20.00	ng	0.00
76) Chrysene-d12	13.97	240	488824	20.00	ng	0.00
86) Perylene-d12	15.42	264	400153	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	798056	78.87	ng	0.00
7) Phenol-d6	6.44	99	976000	74.67	ng	0.00
23) Nitrobenzene-d5	7.37	82	591493	53.64	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	294218	79.19	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1116009	49.09	ng	0.00
79) Terphenyl-d14	12.92	244	1185564	52.72	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	255759	10.444	ng	Qvalue 99

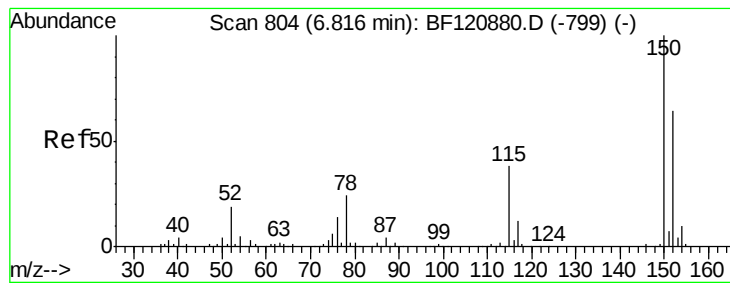
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF120902.D

Acq: 16 Jul 2020 23:23

Instrument :

BNA_F

ClientSampleId :

10

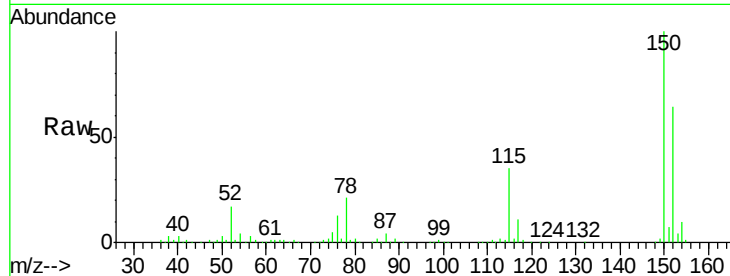
Tot Ion:152 Resp: 165890

Ion Ratio Lower Upper

152 100

150 157.0 125.0 187.6

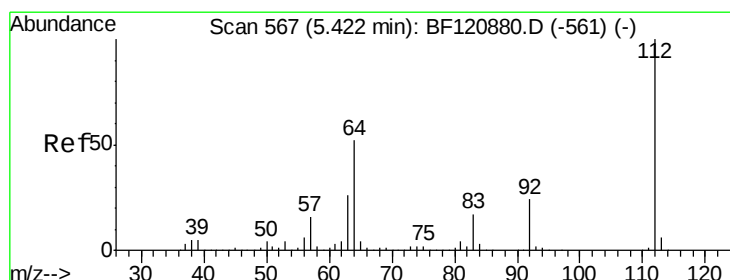
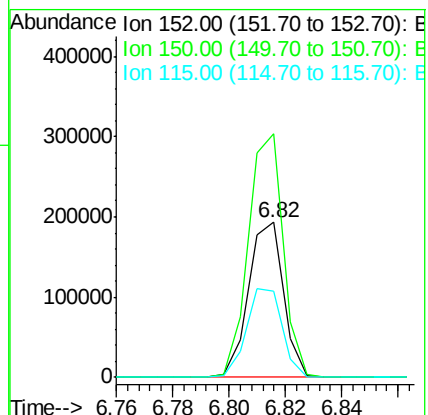
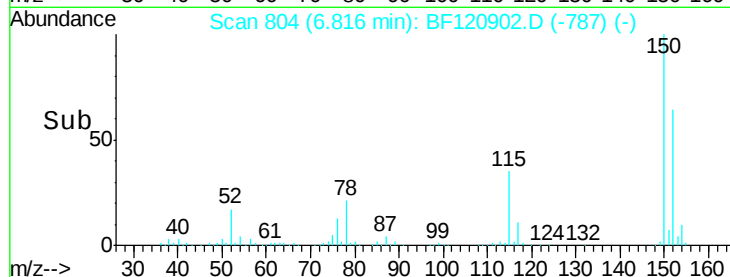
115 55.2 47.0 70.4



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: 78.865 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF120902.D

Acq: 16 Jul 2020 23:23

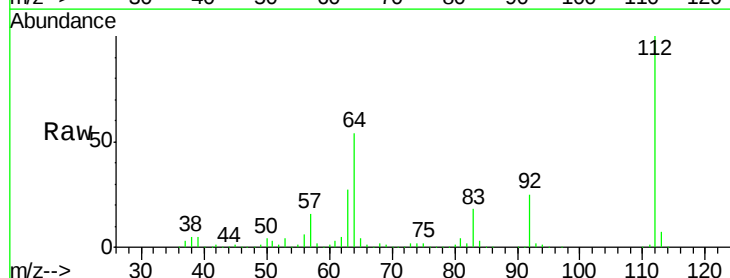
Tgt Ion:112 Resp: 798056

Ion Ratio Lower Upper

112 100

64 54.2 41.3 61.9

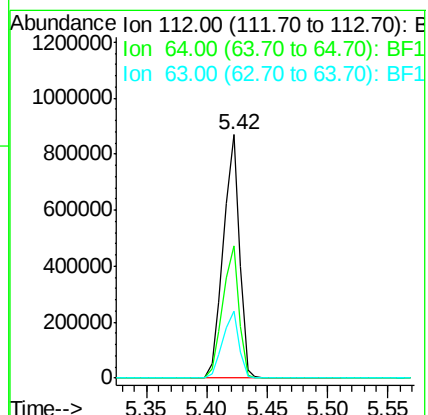
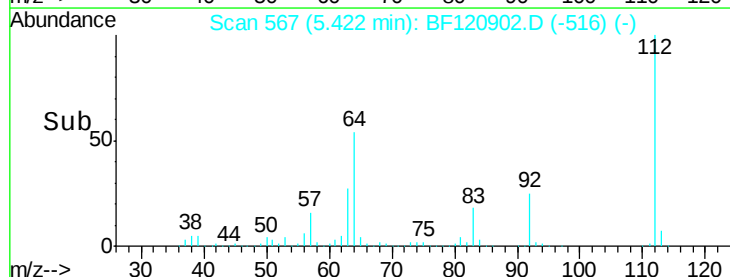
63 27.4 21.1 31.7



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: 74.667 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120902.D

Acq: 16 Jul 2020 23:23

Instrument :

BNA_F

ClientSampled :

10

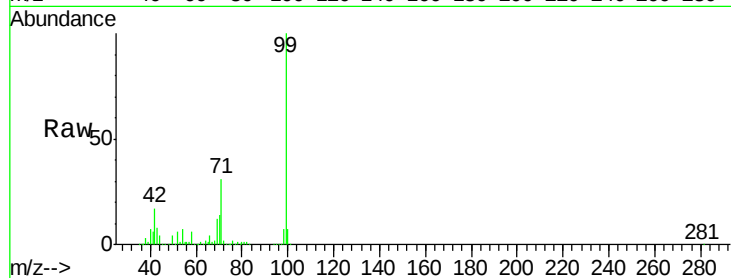
Tot Ion: 99 Resp: 976000

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

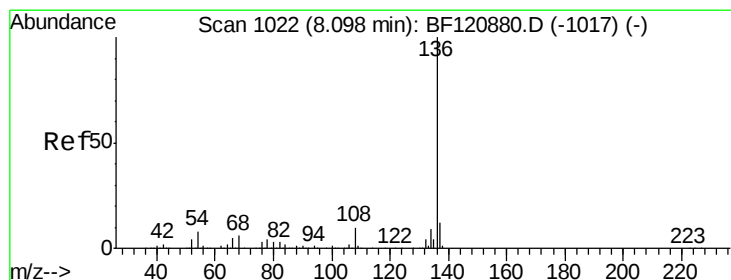
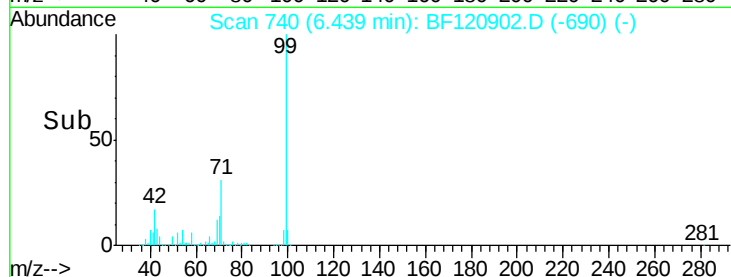
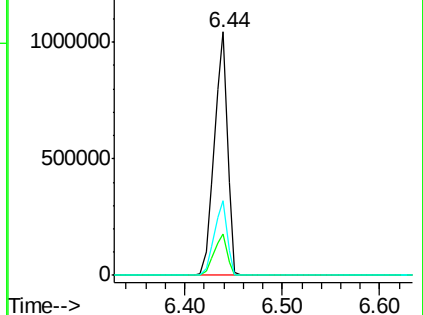
71 30.8 24.2 36.4



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: BF120902.D

Acq: 16 Jul 2020 23:23

Tgt Ion: 136 Resp: 638068

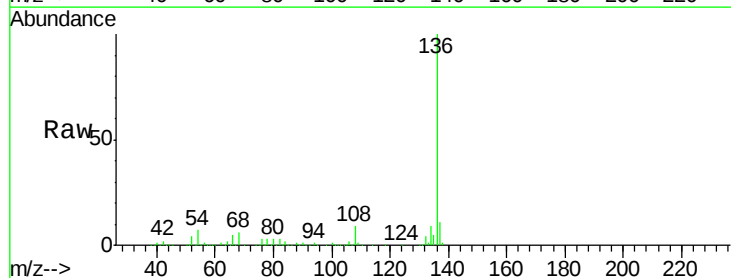
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 7.0 6.3 9.5

68 5.8 5.0 7.4

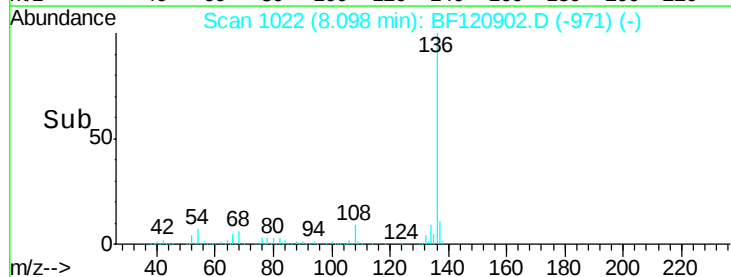
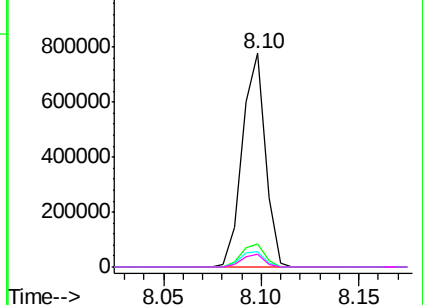


Abundance Ion 136.00 (135.70 to 136.70): E

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

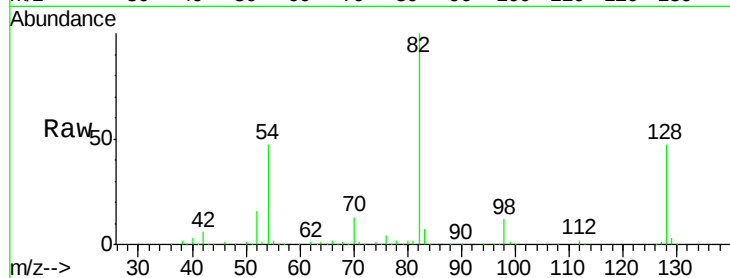




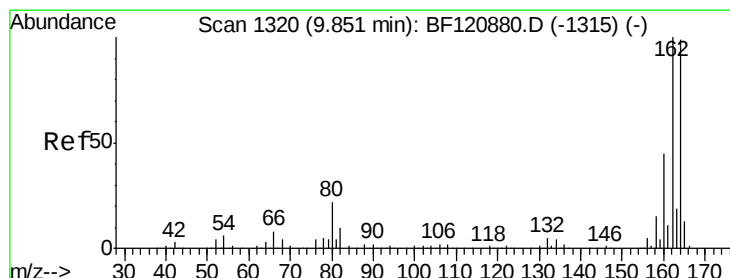
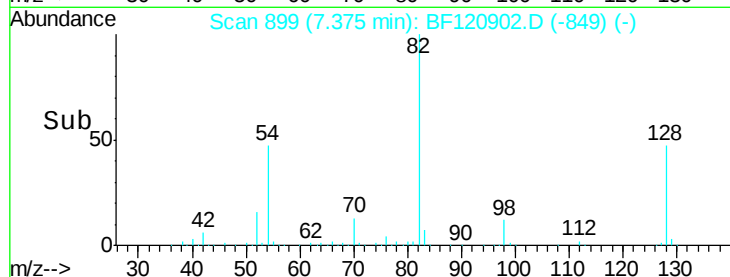
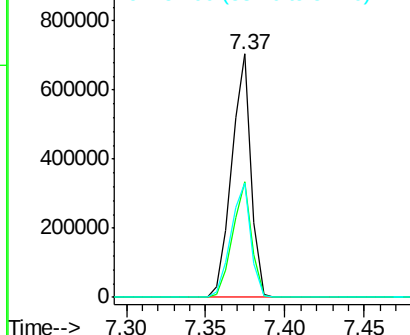
#23
 Nitrobenzene-d5
 Concen: 53.639 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF120902.D
 Acq: 16 Jul 2020 23:23

Instrument :
 BNA_F
 ClientSampleId :
 10

Tot Ion: 82 Resp: 591493
 Ion Ratio Lower Upper
 82 100
 128 47.3 38.2 57.4
 54 47.1 38.7 58.1

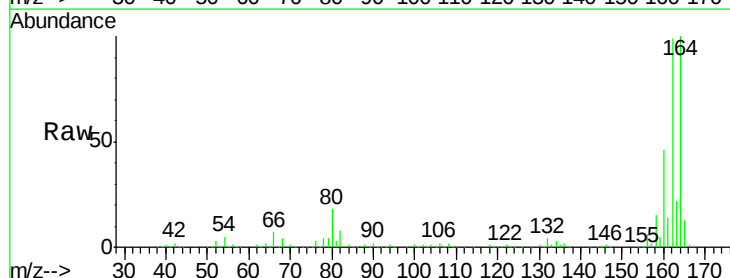


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

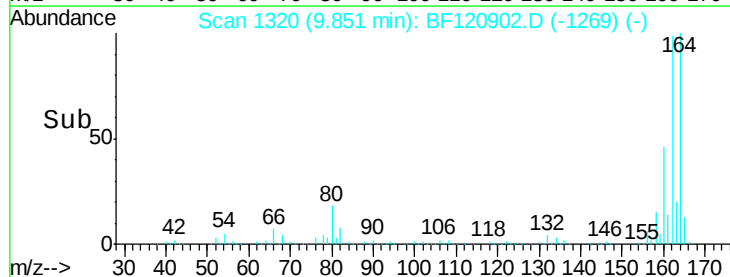
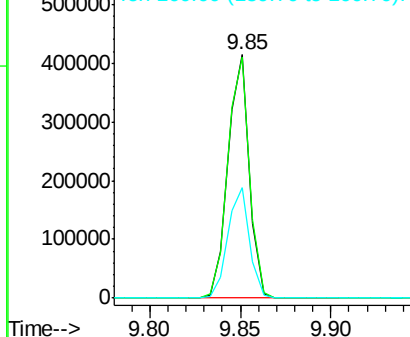


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF120902.D
 Acq: 16 Jul 2020 23:23

Tgt Ion: 164 Resp: 339444
 Ion Ratio Lower Upper
 164 100
 162 99.1 81.2 121.8
 160 45.5 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

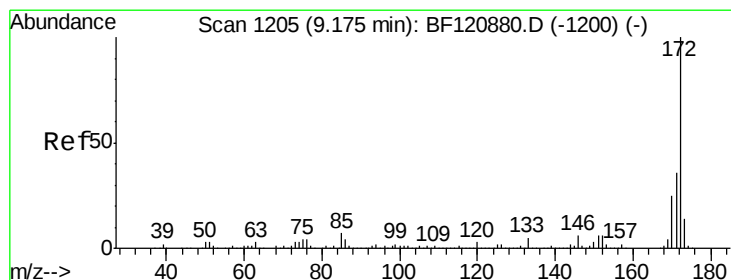
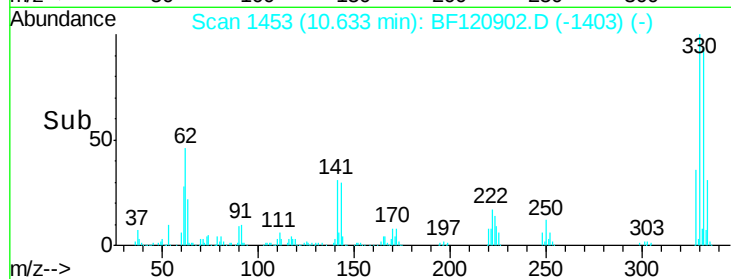
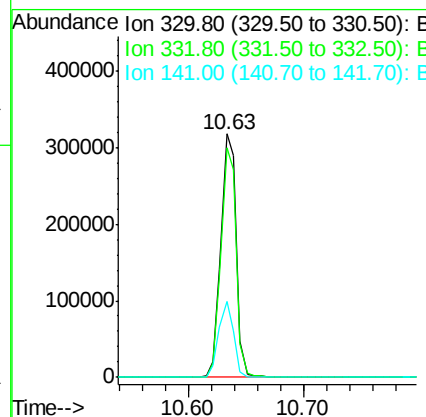
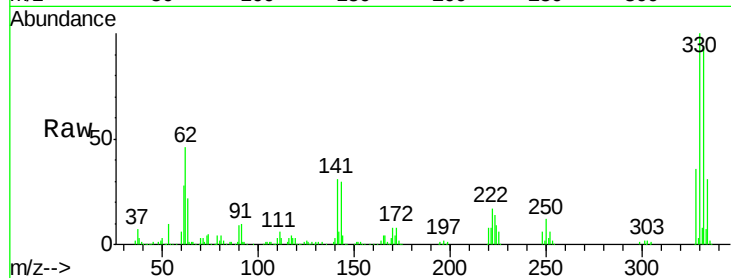




#42
 2,4,6-Tribromophenol
 Concen: 79.186 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF120902.D
 Acq: 16 Jul 2020 23:23

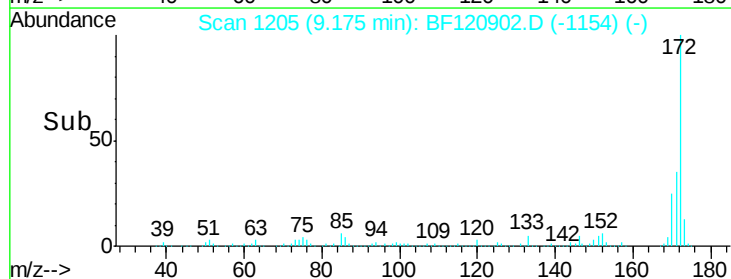
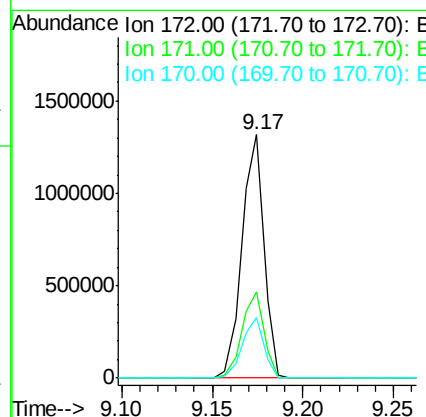
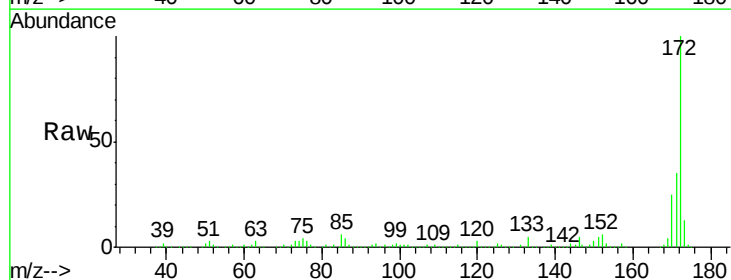
Instrument :
 BNA_F
 ClientSampleId :
 10

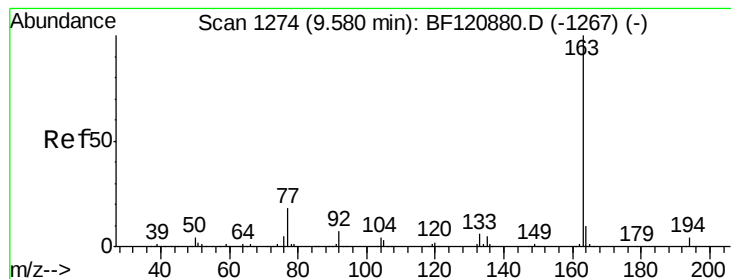
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	75.5	113.3
141	30.6	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 49.088 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120902.D
 Acq: 16 Jul 2020 23:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	24.6	19.6	29.4





#50

Dimethylphthalate

Concen: 10.444 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF120902.D

Acq: 16 Jul 2020 23:23

Instrument :

BNA_F

ClientSampleId :

10

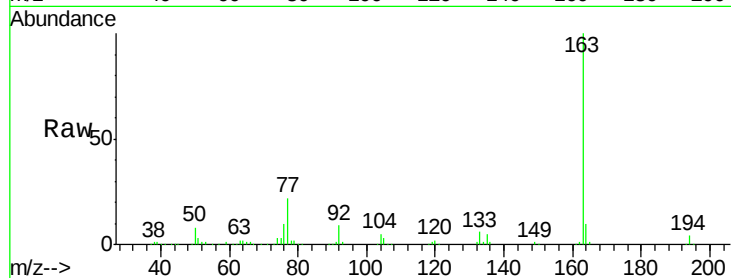
Tot Ion:163 Resp: 255759

Ion Ratio Lower Upper

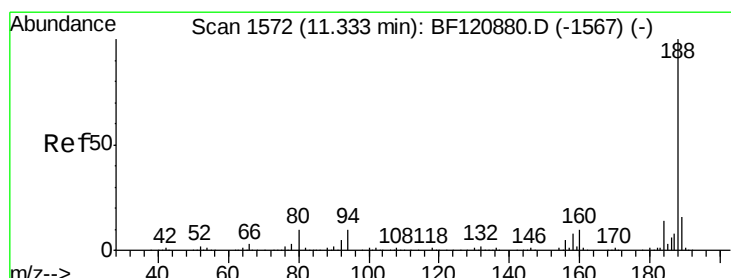
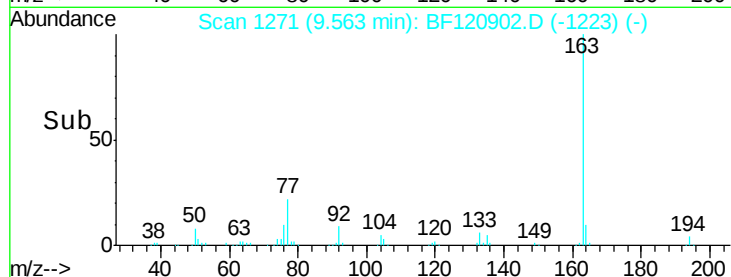
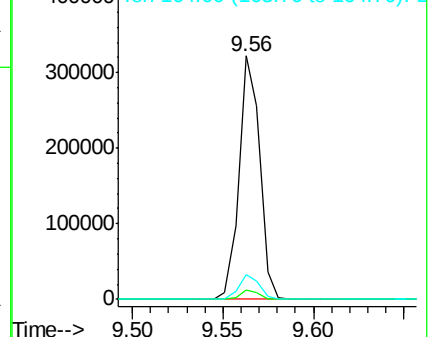
163 100

194 3.7 3.2 4.8

164 10.3 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: BF120902.D

Acq: 16 Jul 2020 23:23

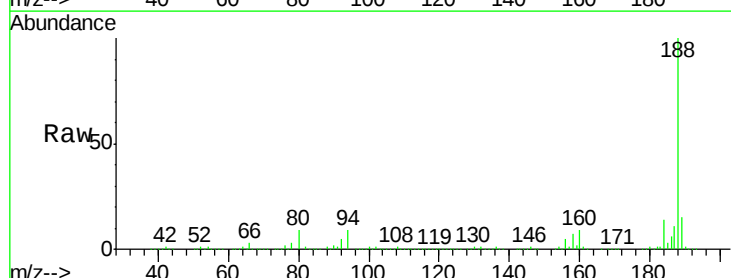
Tgt Ion:188 Resp: 641317

Ion Ratio Lower Upper

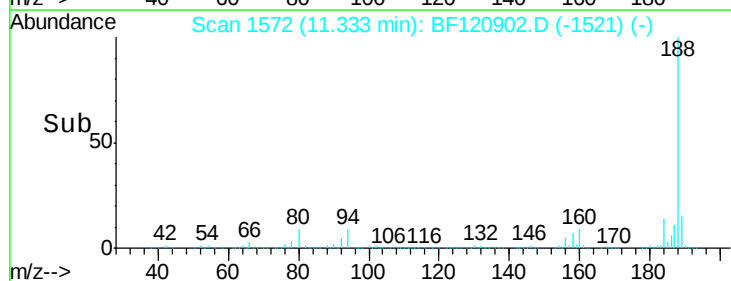
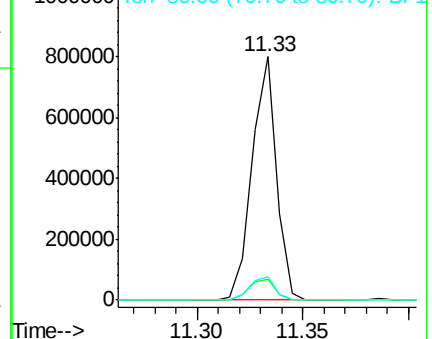
188 100

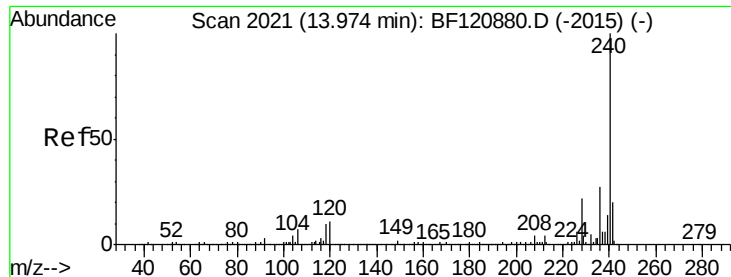
94 8.8 8.0 12.0

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

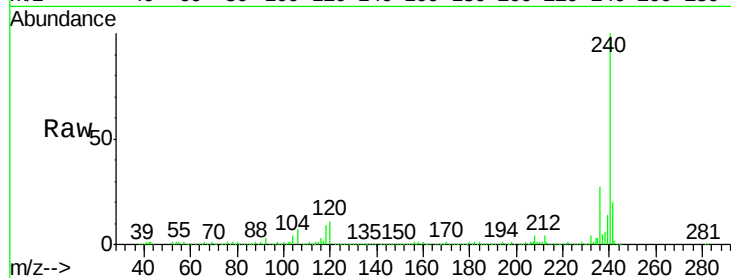




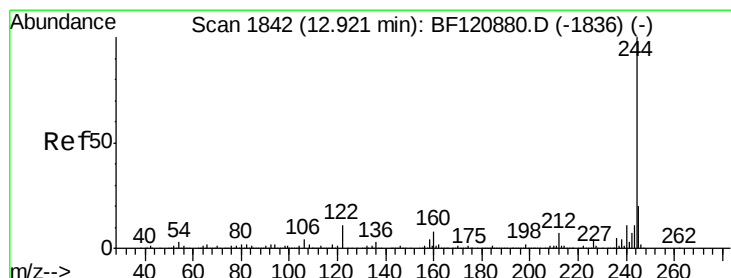
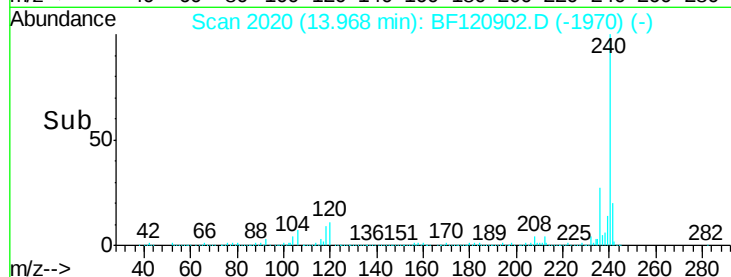
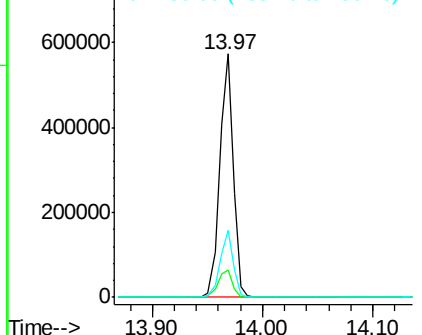
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120902.D
Acq: 16 Jul 2020 23:23

Instrument :
BNA_F
ClientSampleId :
10

Tot Ion:240 Resp: 488824
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.4
236 27.4 21.7 32.5

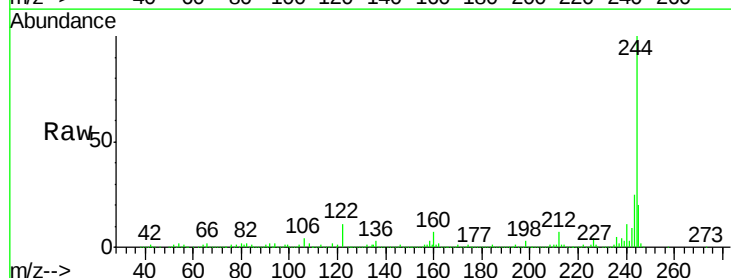


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

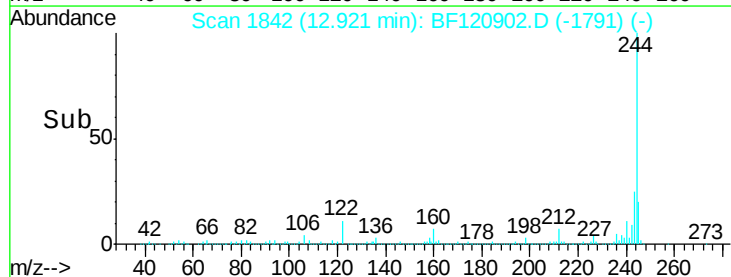
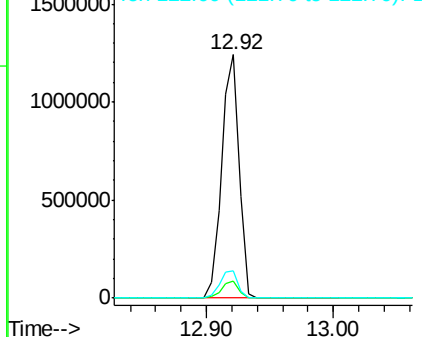


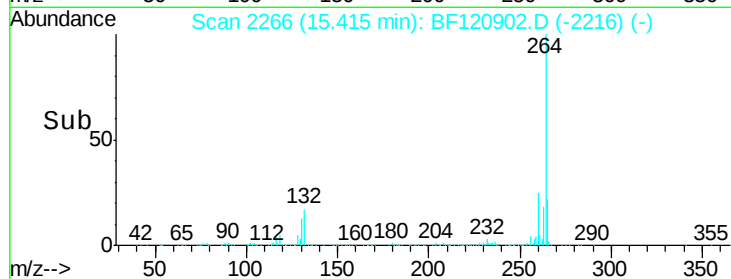
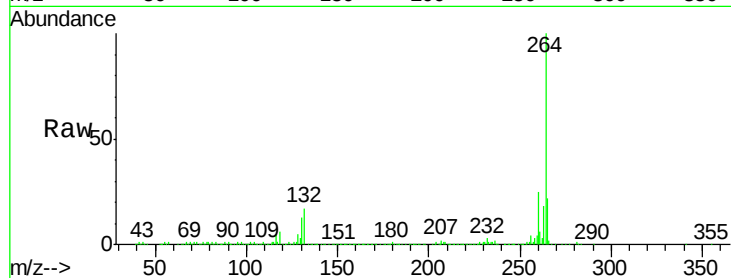
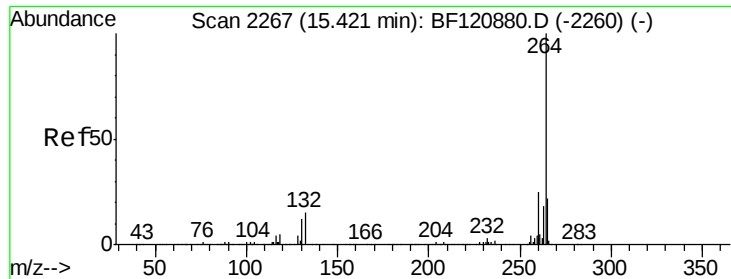
#79
Terphenyl-d14
Concen: 52.722 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF120902.D
Acq: 16 Jul 2020 23:23

Tgt Ion:244 Resp: 1185564
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 11.0 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: BF120902.D
Acq: 16 Jul 2020 23:23

Instrument :
BNA_F
ClientSampleId :
10

Tot Ion:	264	Resp:	400153
Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	21.8	17.4	26.2

