

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061220\
 Data File : BF120610.D
 Acq On : 12 Jun 2020 13:28
 Operator : JU/CG
 Sample : PB129455BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129455BL

Quant Time: Jun 12 14:07:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	157265	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	609447	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	331456	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	644468	20.00	ng	0.00
76) Chrysene-d12	13.95	240	538321	20.00	ng	-0.01
86) Perylene-d12	15.39	264	583128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1139051	124.18	ng	0.00
7) Phenol-d6	6.43	99	1463030	128.06	ng	-0.01
23) Nitrobenzene-d5	7.36	82	918397	84.23	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	472304	122.56	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1702190	78.57	ng	0.00
79) Terphenyl-d14	12.90	244	2137948	87.73	ng	0.00

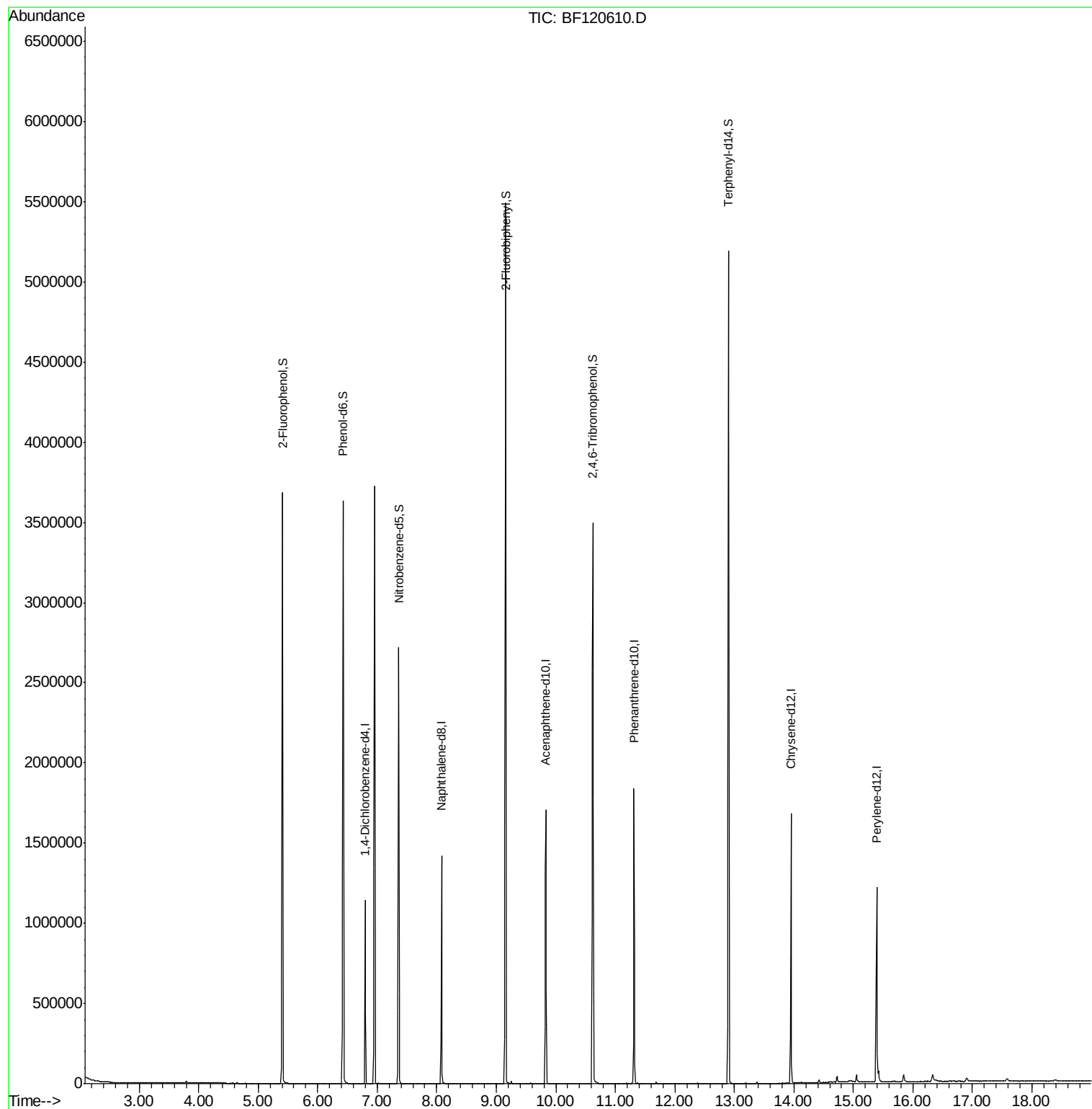
Target Compounds Qvalue

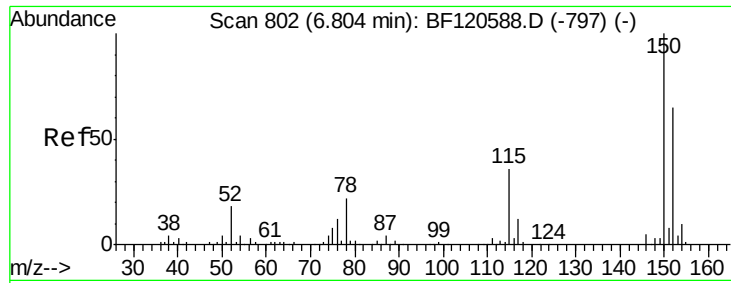
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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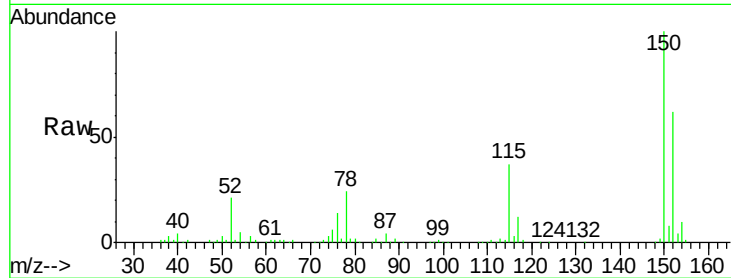


#1

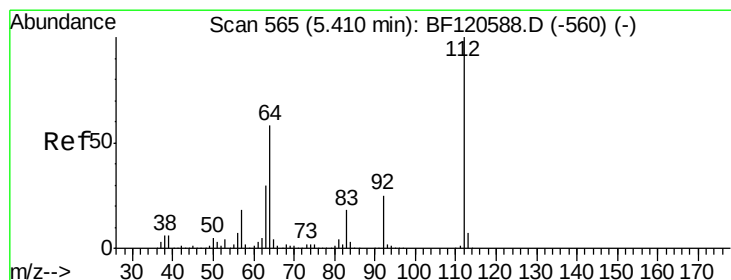
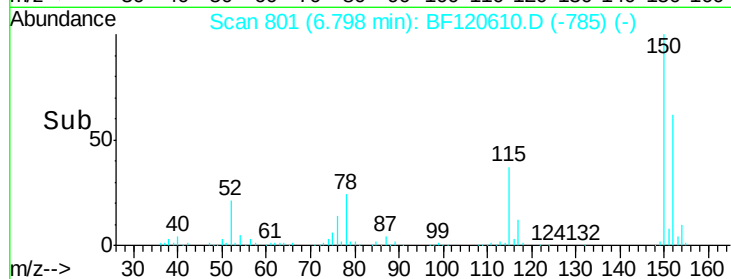
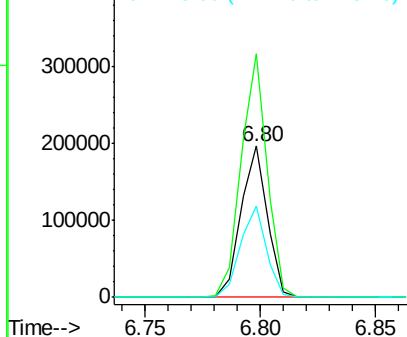
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120610.D
Acq: 12 Jun 2020 13:28

Instrument :
BNA_F
ClientSampleId :
PB129455BL

Tot Ion:152 Resp: 157265
Ion Ratio Lower Upper
152 100
150 160.9 123.2 184.8
115 59.9 43.9 65.9



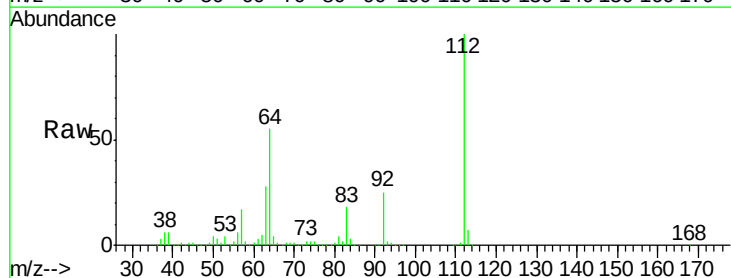
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



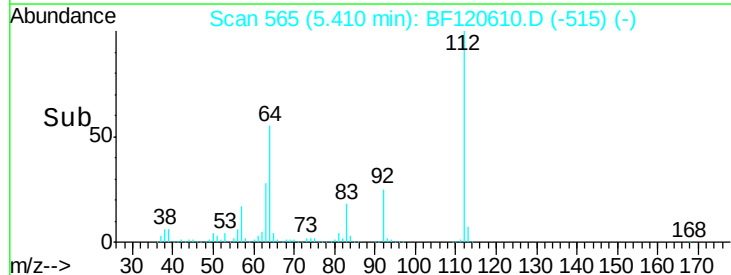
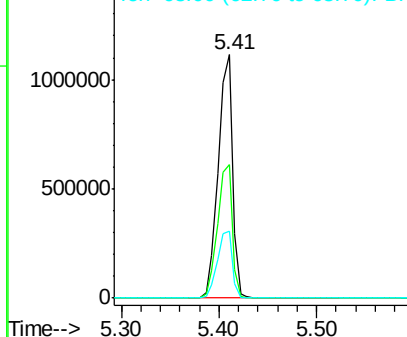
#5

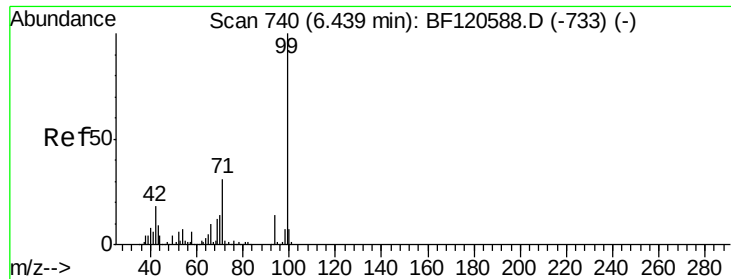
2-Fluorophenol
Concen: 124.176 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120610.D
Acq: 12 Jun 2020 13:28

Tgt Ion:112 Resp: 1139051
Ion Ratio Lower Upper
112 100
64 55.1 46.1 69.1
63 27.7 23.7 35.5



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: 128.057 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120610.D

Acq: 12 Jun 2020 13:28

Instrument :

BNA_F

ClientSampleId :

PB129455BL

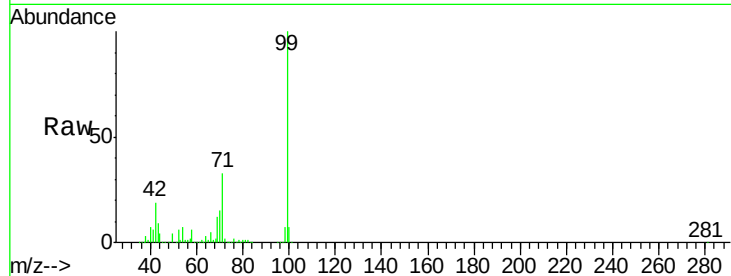
Tot Ion: 99 Resp: 1463030

Ion Ratio Lower Upper

99 100

42 18.7 14.0 21.0

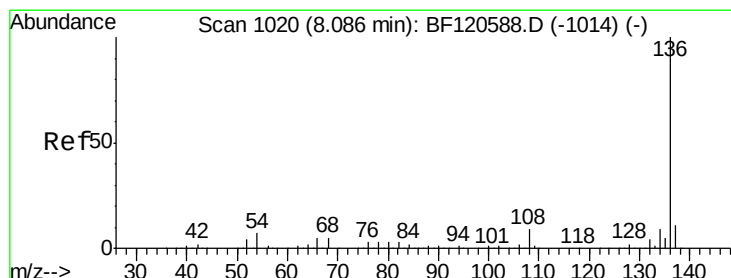
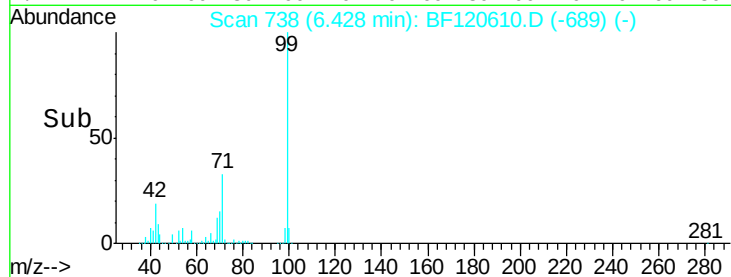
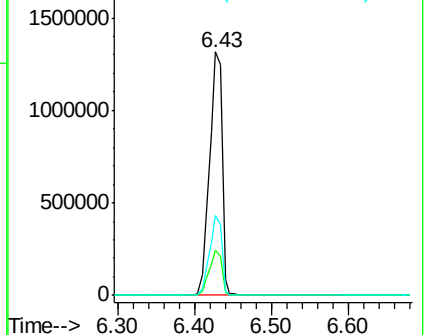
71 32.6 24.9 37.3



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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF120610.D

Acq: 12 Jun 2020 13:28

Tgt Ion: 136 Resp: 609447

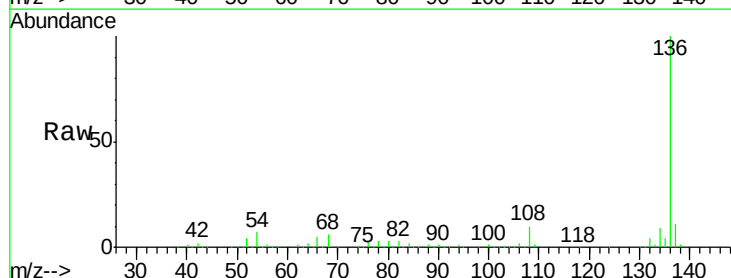
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 7.5 5.8 8.6

68 5.8 4.4 6.6

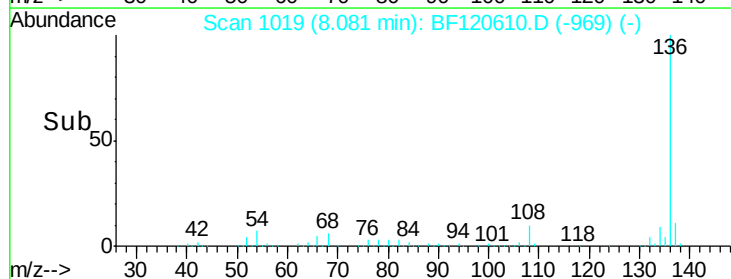
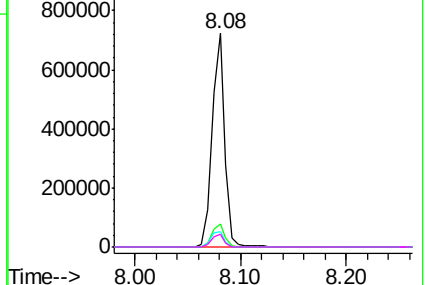


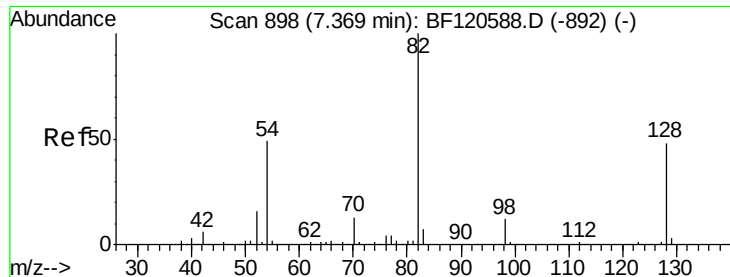
Abundance Ion 136.00 (135.70 to 136.70): E

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

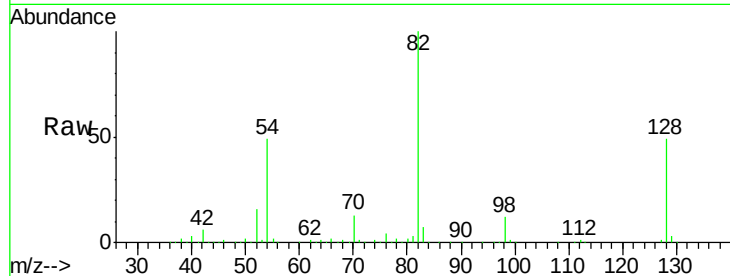




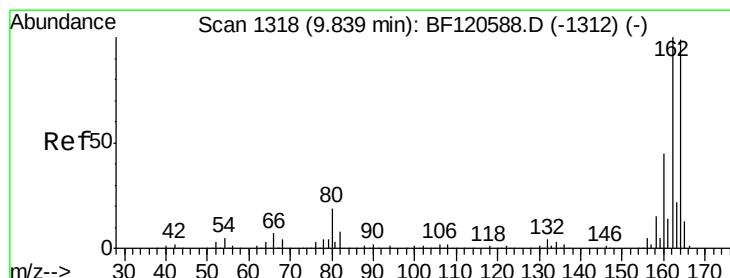
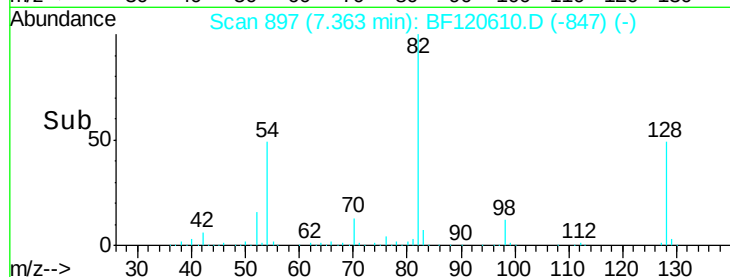
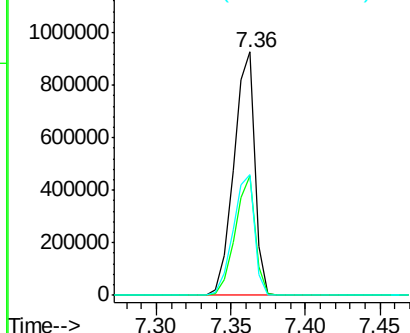
#23
 Nitrobenzene-d5
 Concen: 84.233 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF120610.D
 Acq: 12 Jun 2020 13:28

Instrument :
 BNA_F
 ClientSampleId :
 PB129455BL

Tot Ion	82	Resp	918397
Ion Ratio	100	Lower	Upper
128	48.8	38.0	57.0
54	49.5	38.8	58.2

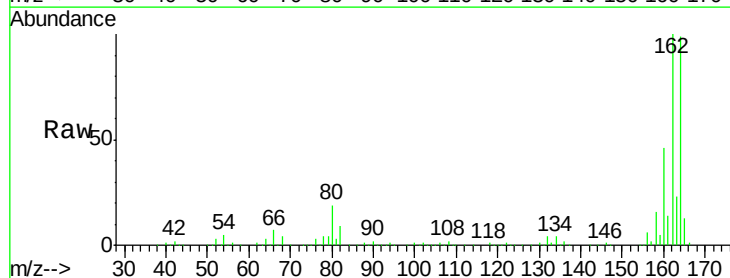


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

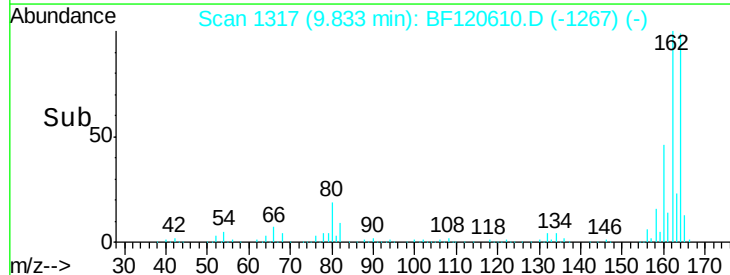
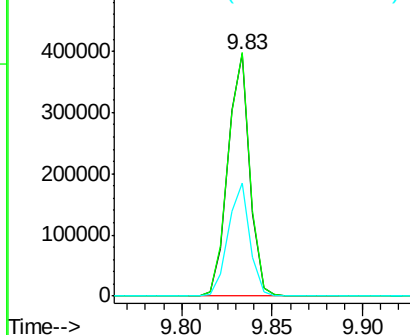


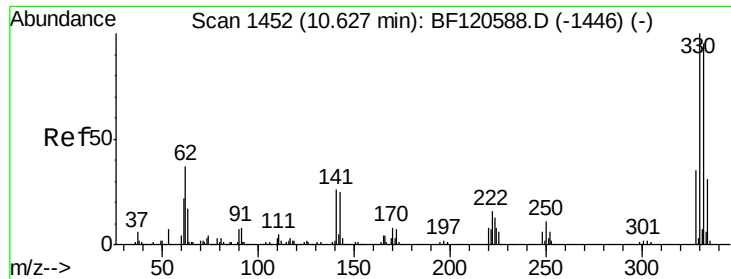
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF120610.D
 Acq: 12 Jun 2020 13:28

Tgt Ion	164	Resp	331456
Ion Ratio	100	Lower	Upper
162	100.5	80.6	120.8
160	46.6	36.2	54.2



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

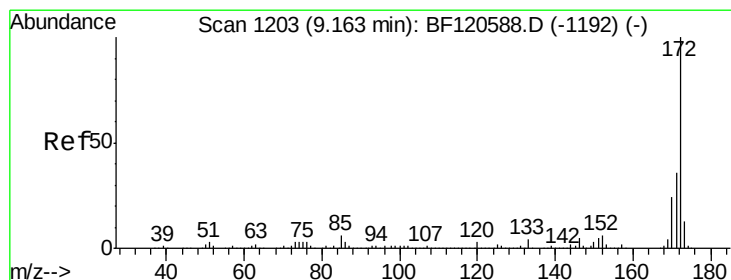
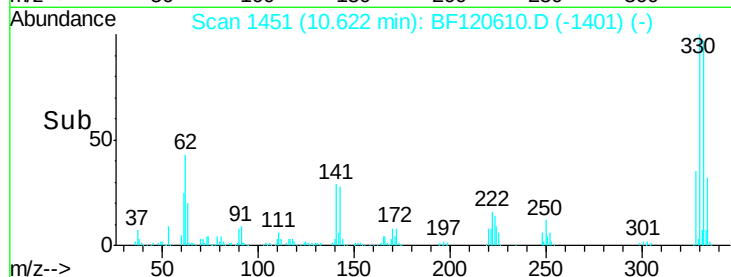
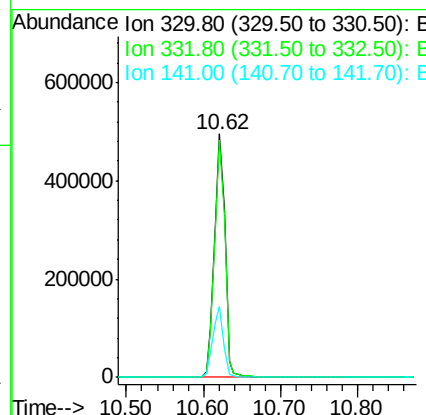
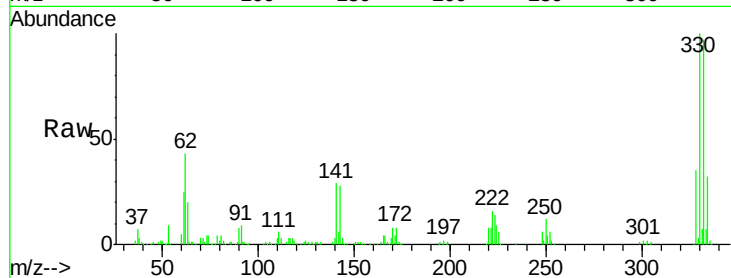




#42
 2,4,6-Tribromophenol
 Concen: 122.561 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120610.D
 Acq: 12 Jun 2020 13:28

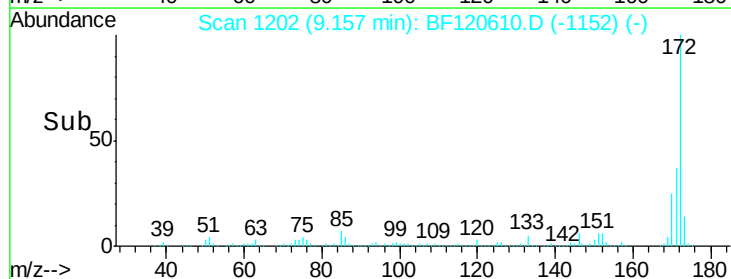
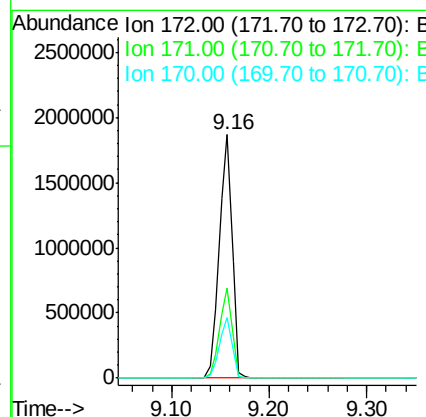
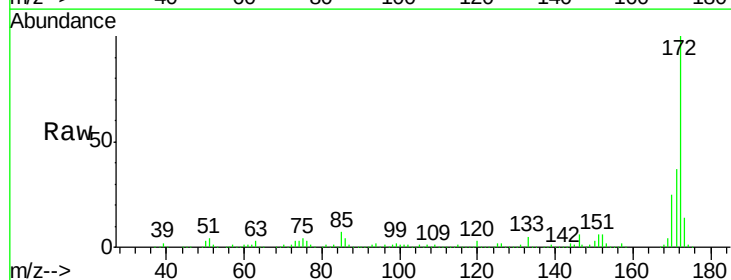
Instrument :
 BNA_F
 ClientSampleId :
 PB129455BL

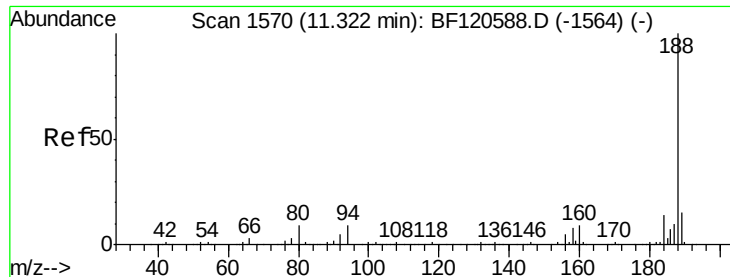
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	29.1	23.2	34.8



#45
 2-Fluorobiphenyl
 Concen: 78.572 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120610.D
 Acq: 12 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.4
170	24.9	19.4	29.2

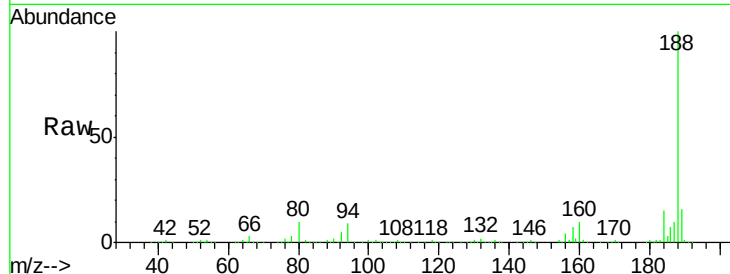




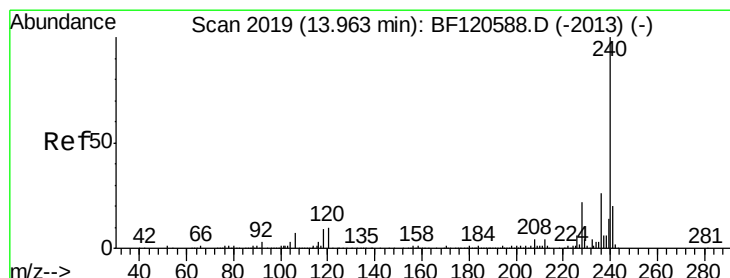
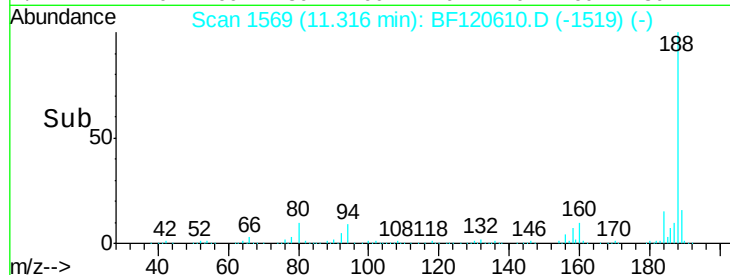
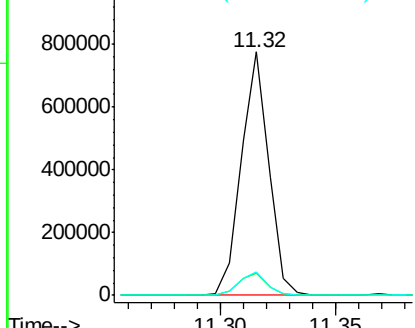
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF120610.D
Acq: 12 Jun 2020 13:28

Instrument :
BNA_F
ClientSampleId :
PB129455BL

Tot Ion:188 Resp: 644468
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.7 7.4 11.2

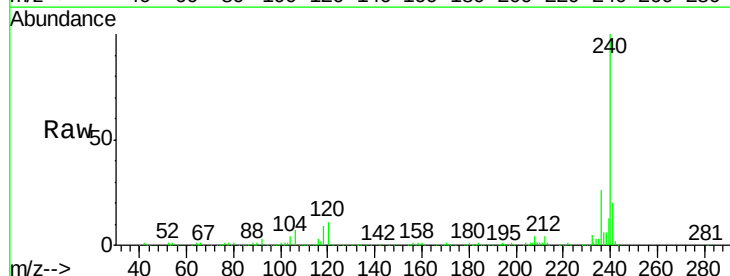


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

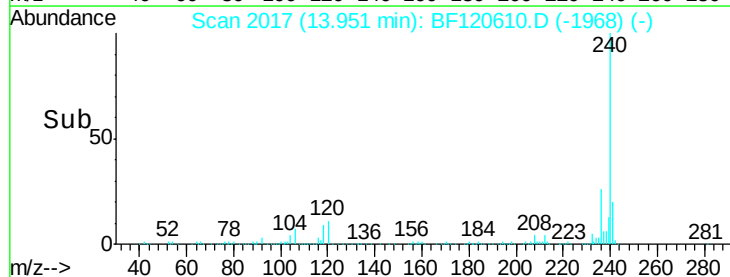
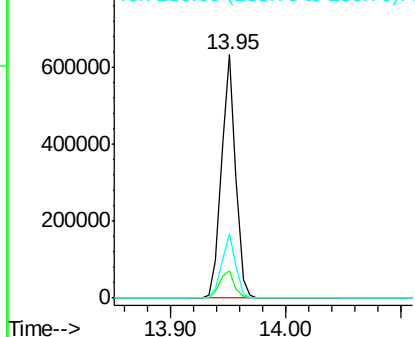


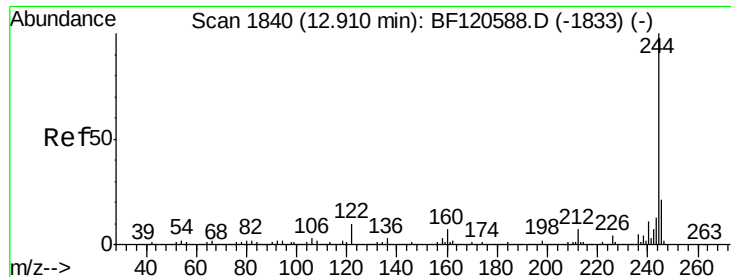
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF120610.D
Acq: 12 Jun 2020 13:28

Tgt Ion:240 Resp: 538321
Ion Ratio Lower Upper
240 100
120 11.0 8.3 12.5
236 26.3 21.0 31.4



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: 87.726 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120610.D

Acq: 12 Jun 2020 13:28

Instrument :

BNA_F

ClientSampleId :

PB129455BL

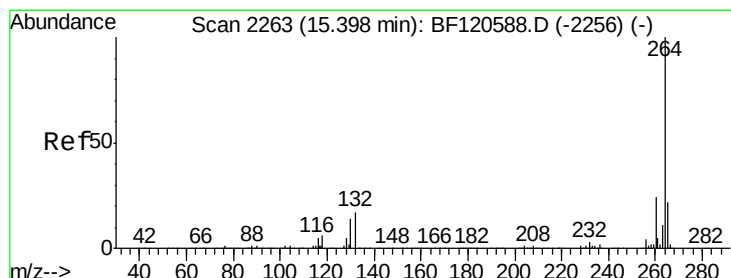
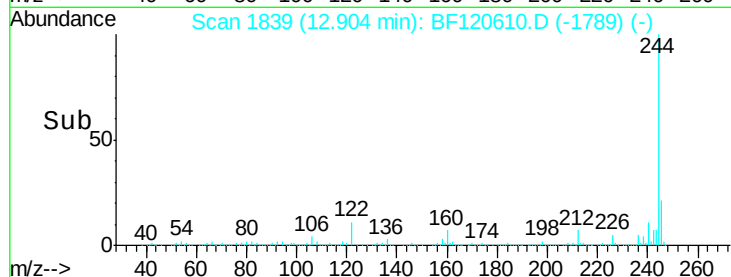
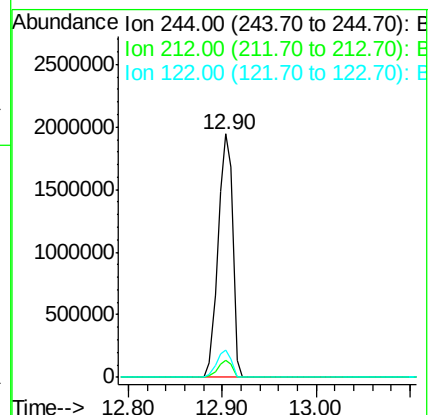
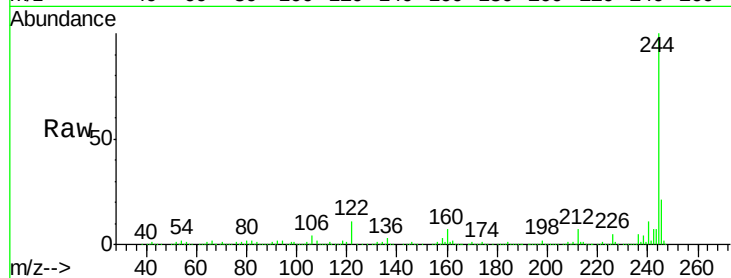
Tot Ion:244 Resp: 2137948

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 11.2 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BF120610.D

Acq: 12 Jun 2020 13:28

Tgt Ion:264 Resp: 583128

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 21.0 17.8 26.8

