

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
 Data File : BF120679.D
 Acq On : 22 Jun 2020 16:34
 Operator : JU/CG
 Sample : L3082-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Quant Time: Jun 22 17:59:08 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

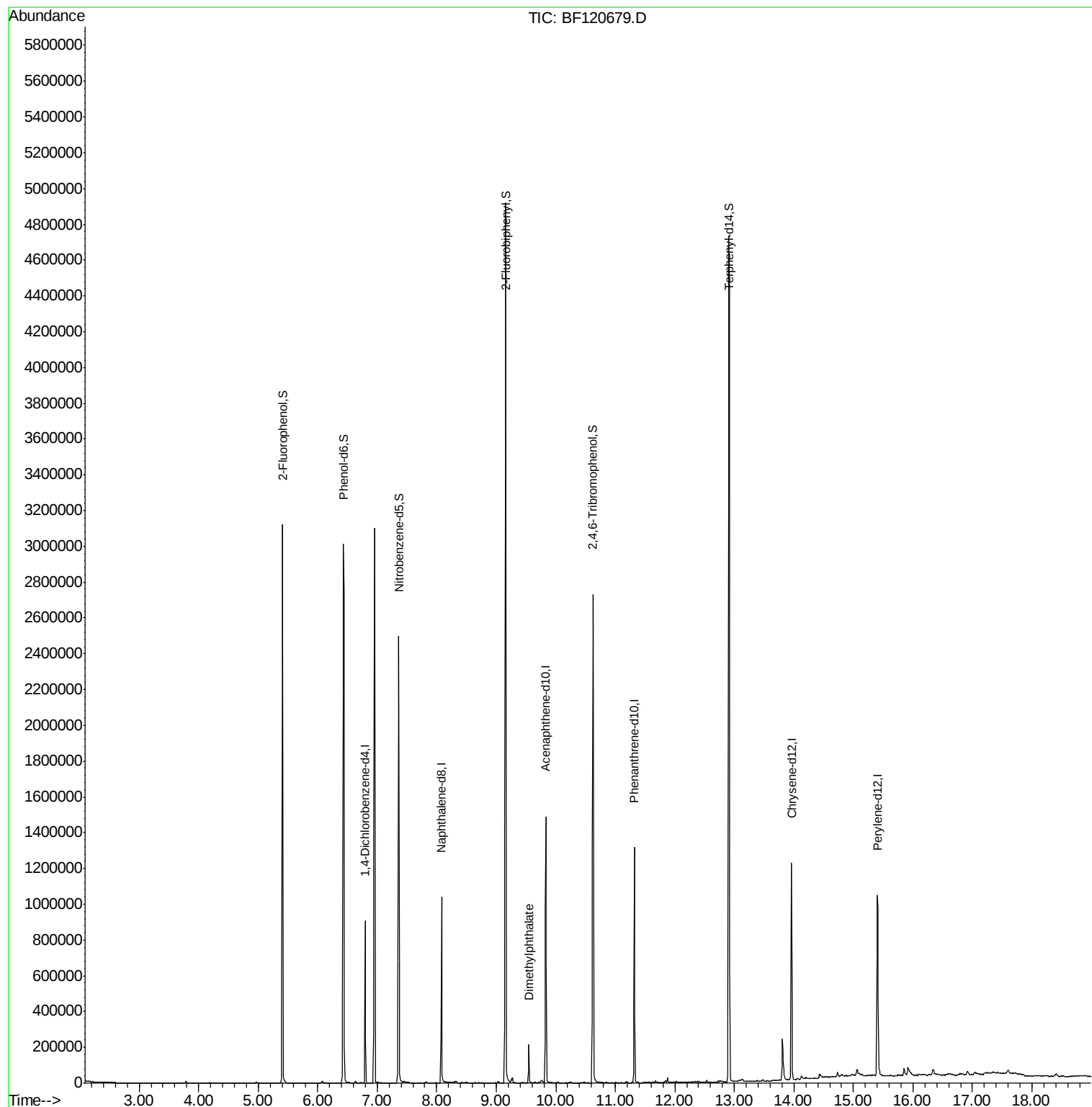
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	136121	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	487864	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	286188	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	519671	20.00	ng	0.00
76) Chrysene-d12	13.96	240	444767	20.00	ng	0.00
86) Perylene-d12	15.40	264	494404	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	922681	116.21	ng	0.00
7) Phenol-d6	6.43	99	1284727	129.92	ng	0.00
23) Nitrobenzene-d5	7.36	82	829638	95.06	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	400341	120.32	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1634215	87.37	ng	0.00
79) Terphenyl-d14	12.91	244	2048229	101.72	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	87107	4.226	ng	Qvalue 97

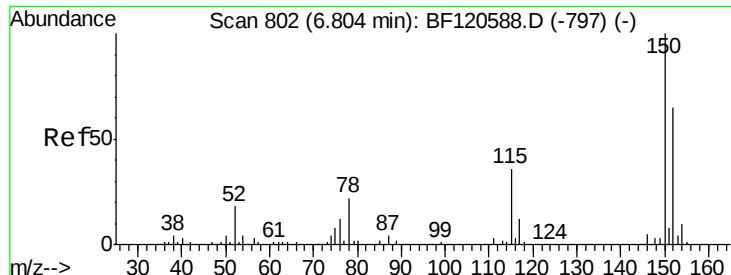
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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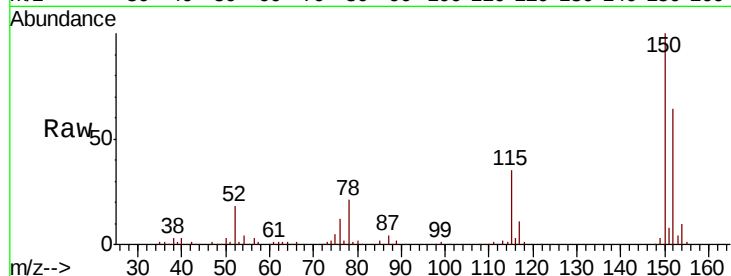




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF120679.D
 Acq: 22 Jun 2020 16:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.2	184.8
115	54.6	43.9	65.9

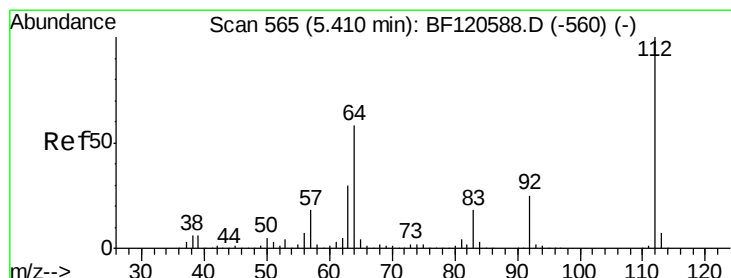
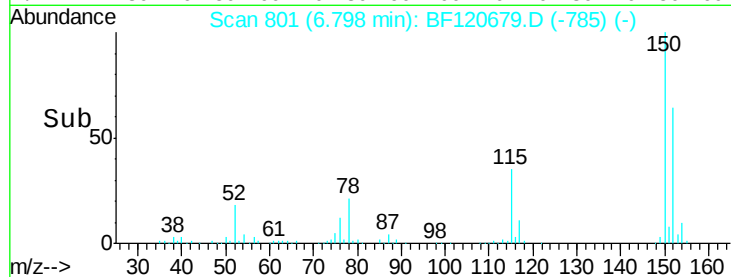
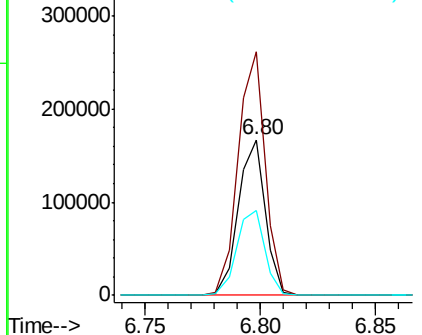


Abundance

Ion 152.00 (151.70 to 152.70): E

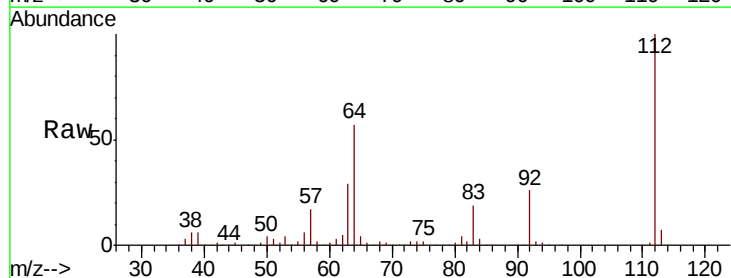
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 116.212 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF120679.D
 Acq: 22 Jun 2020 16:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.1	69.1
63	29.0	23.7	35.5

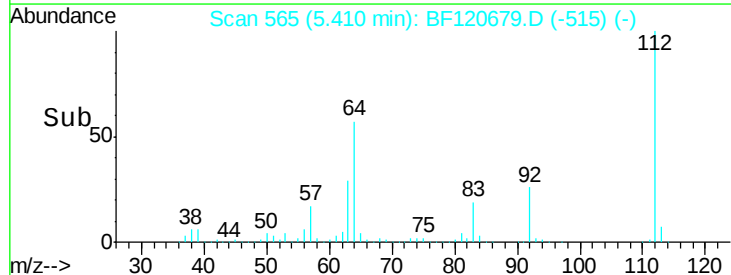
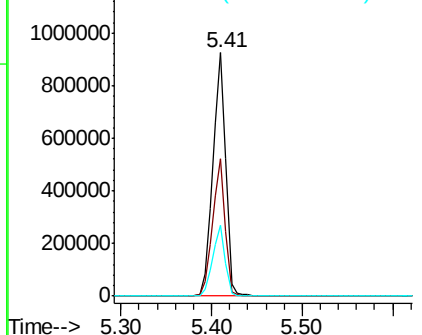


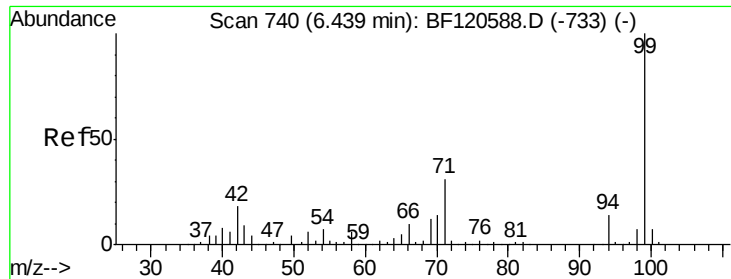
Abundance

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: 129.918 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120679.D

Acq: 22 Jun 2020 16:34

Instrument :

BNA_F

ClientSampled :

SB-4

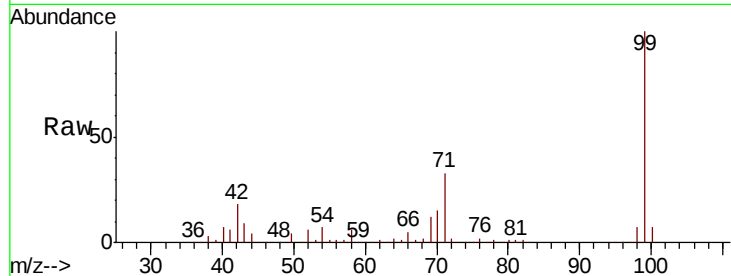
Tot Ion: 99 Resp: 1284727

Ion Ratio Lower Upper

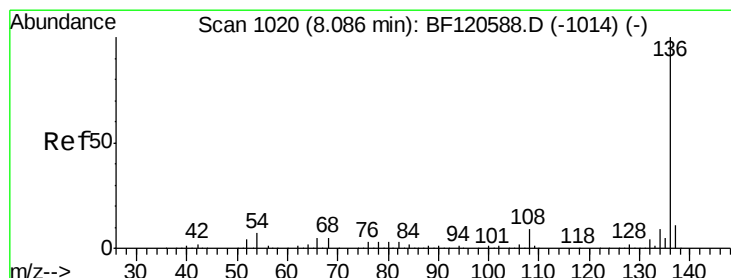
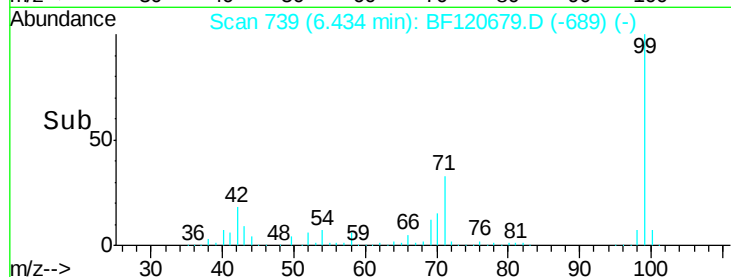
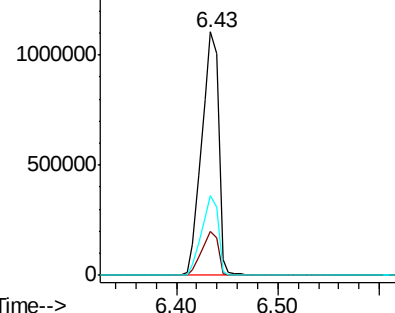
99 100

42 18.2 14.0 21.0

71 32.6 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
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: BF120679.D

Acq: 22 Jun 2020 16:34

Tgt Ion: 136 Resp: 487864

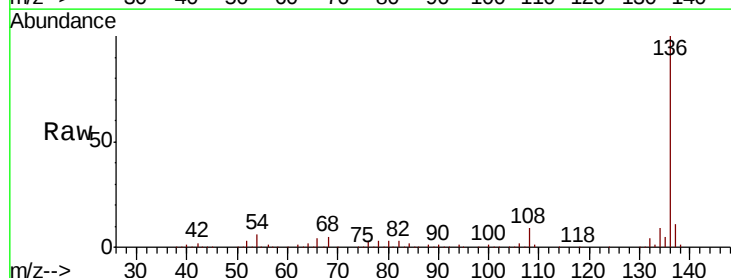
Ion Ratio Lower Upper

136 100

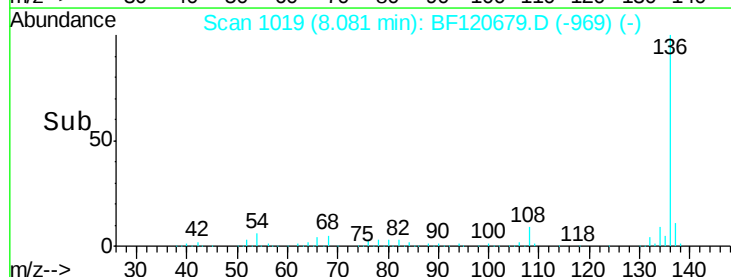
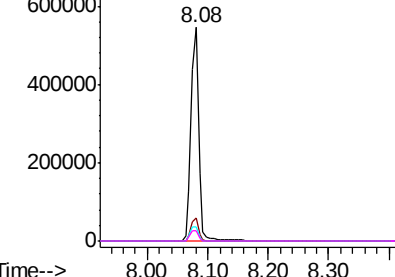
137 10.7 8.6 13.0

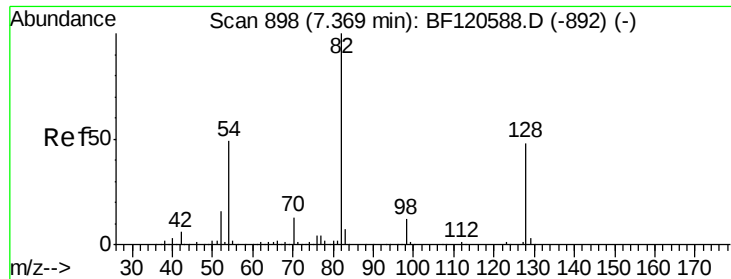
54 6.5 5.8 8.6

68 4.9 4.4 6.6



Abundance Ion 136.00 (135.70 to 136.70): E
800000
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

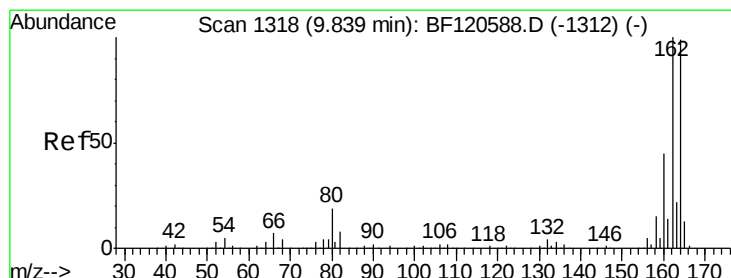
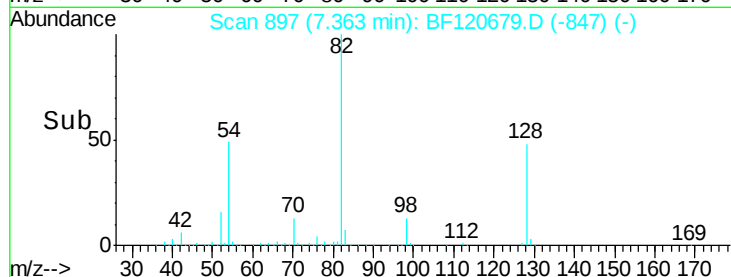
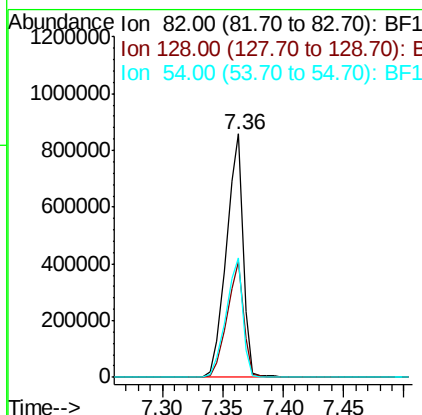
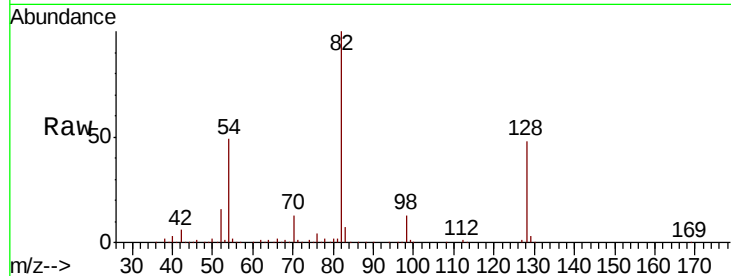




#23
Nitrobenzene-d5
Concen: 95.055 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120679.D
Acq: 22 Jun 2020 16:34

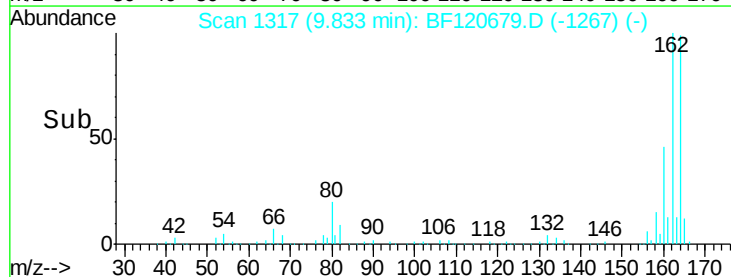
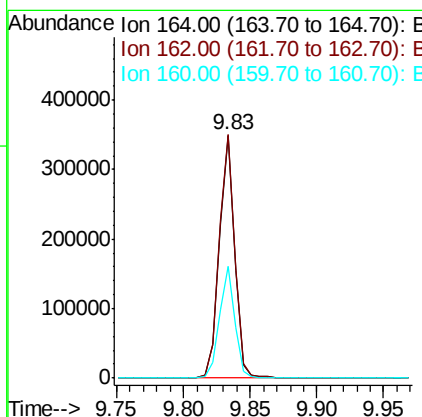
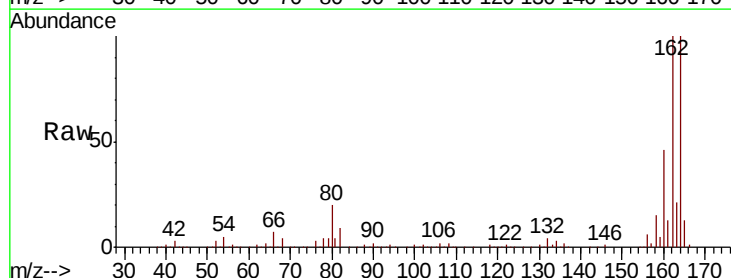
Instrument :
BNA_F
ClientSampled :
SB-4

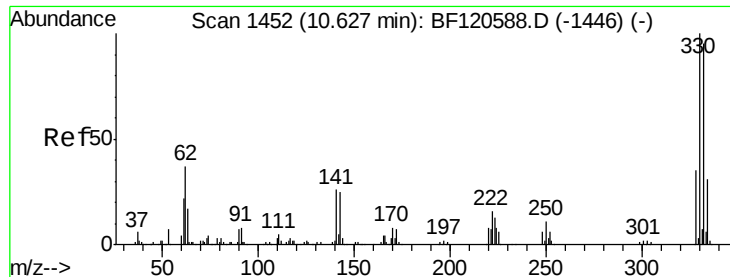
Tot Ion	82	Resp	829638
Ion Ratio	Lower	Upper	
82	100		
128	47.6	38.0	57.0
54	49.0	38.8	58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120679.D
Acq: 22 Jun 2020 16:34

Tgt Ion	164	Resp	286188
Ion Ratio	Lower	Upper	
164	100		
162	100.5	80.6	120.8
160	46.0	36.2	54.2

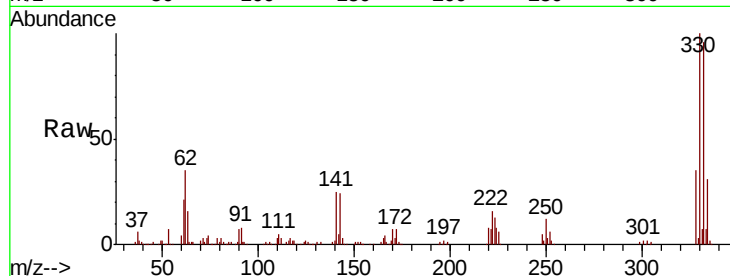




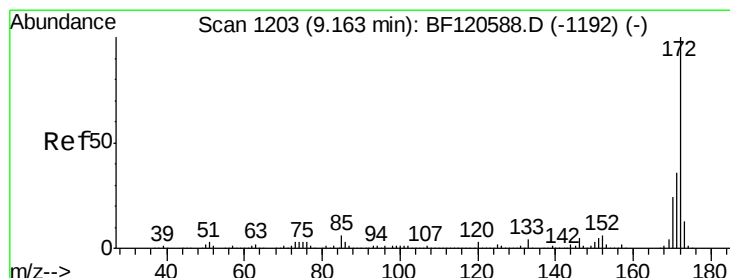
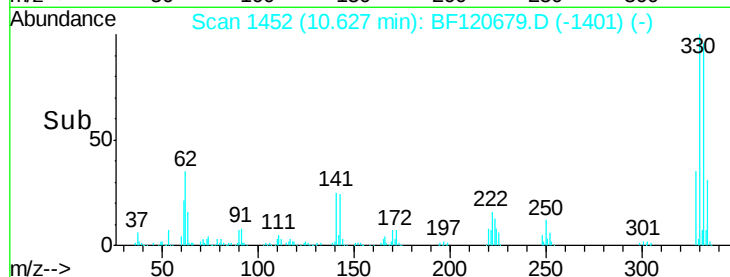
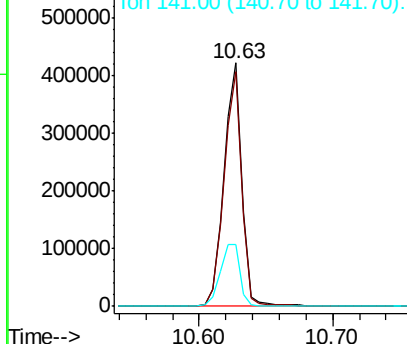
#42
 2,4,6-Tribromophenol
 Concen: 120.319 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120679.D
 Acq: 22 Jun 2020 16:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.8	115.2
141	28.5	23.2	34.8

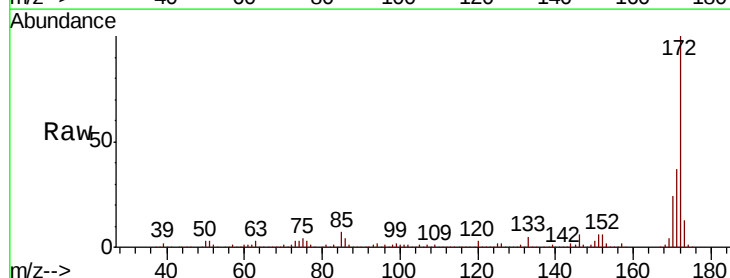


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

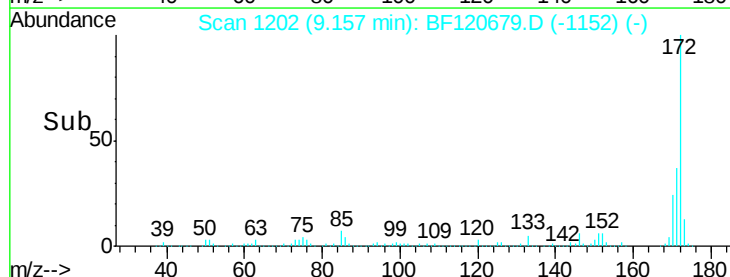
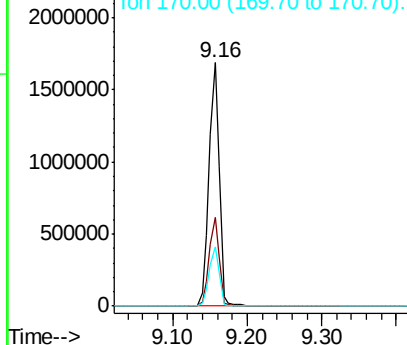


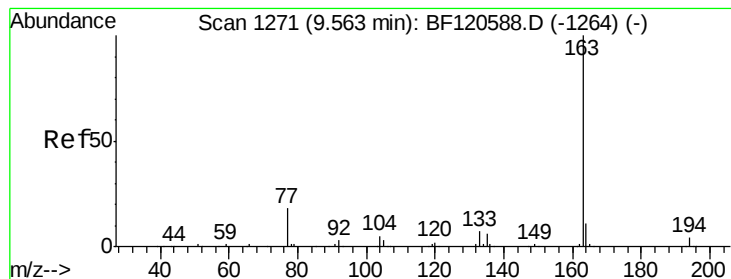
#45
 2-Fluorobiphenyl
 Concen: 87.367 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120679.D
 Acq: 22 Jun 2020 16:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.4
170	24.3	19.4	29.2



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





#50

Dimethylphthalate

Concen: 4.226 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120679.D

Acq: 22 Jun 2020 16:34

Instrument :

BNA_F

ClientSampleId :

SB-4

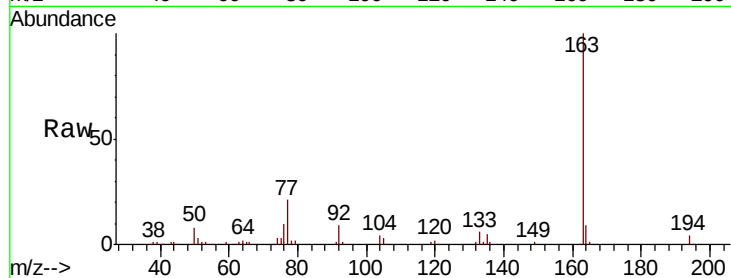
Tot Ion:163 Resp: 87107

Ion Ratio Lower Upper

163 100

194 3.5 3.1 4.7

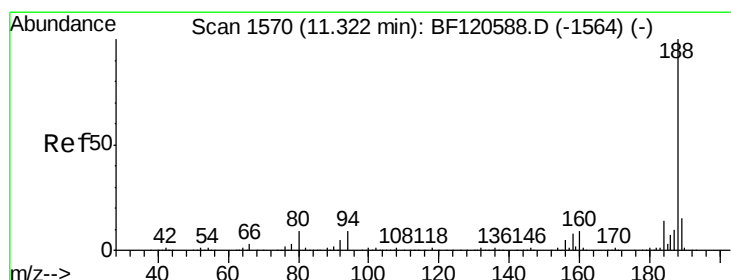
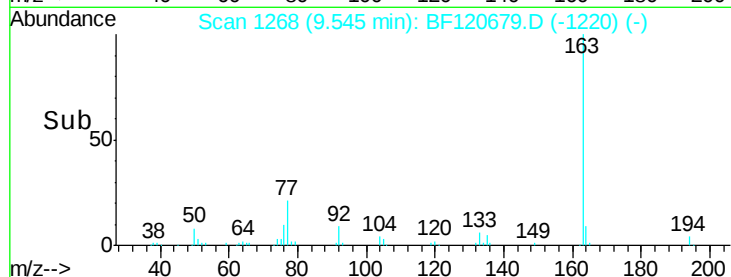
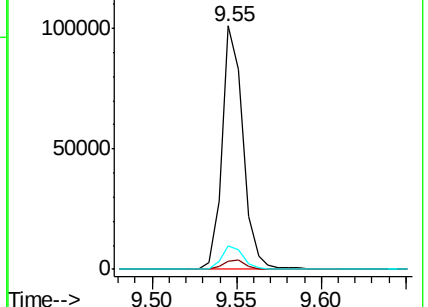
164 9.5 8.5 12.7



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: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF120679.D

Acq: 22 Jun 2020 16:34

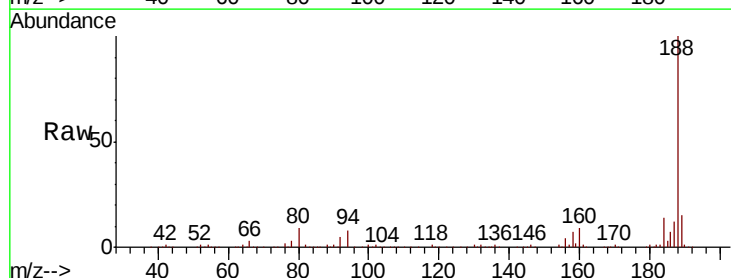
Tgt Ion:188 Resp: 519671

Ion Ratio Lower Upper

188 100

94 7.9 7.2 10.8

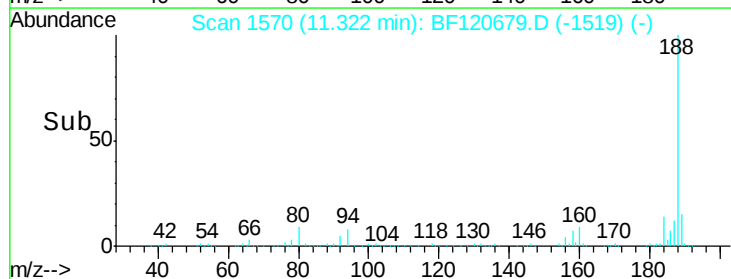
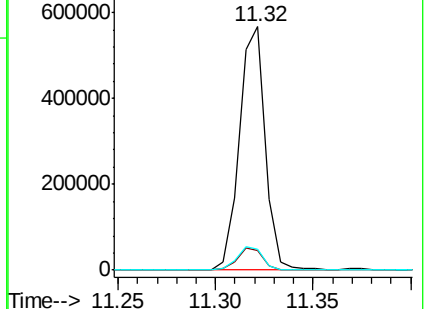
80 8.5 7.4 11.2

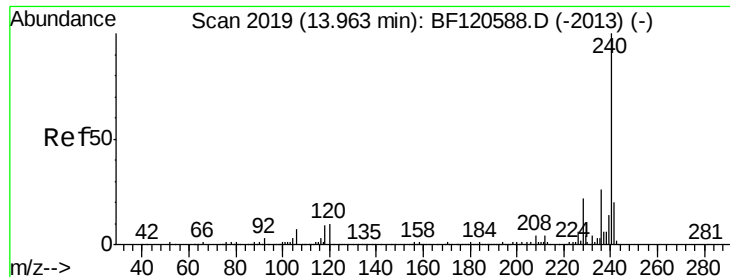


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

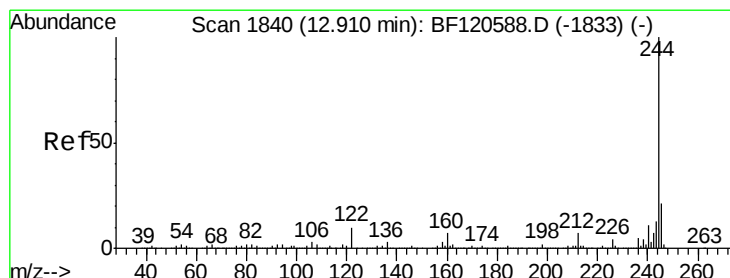
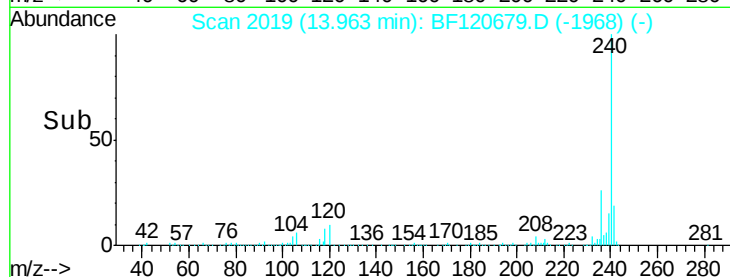
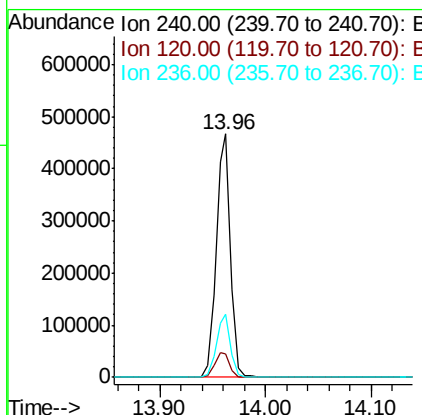
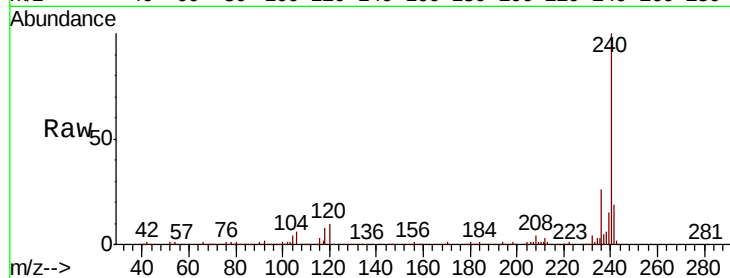




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF120679.D
Acq: 22 Jun 2020 16:34

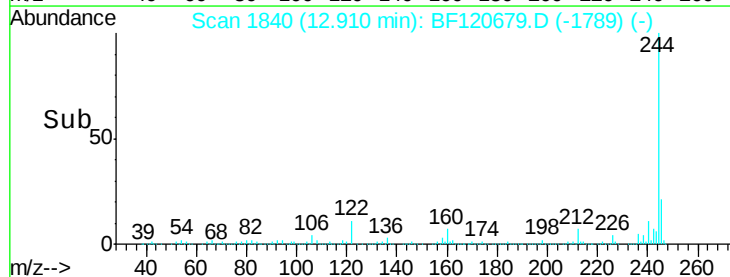
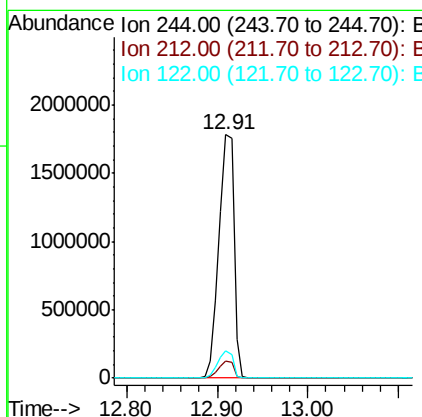
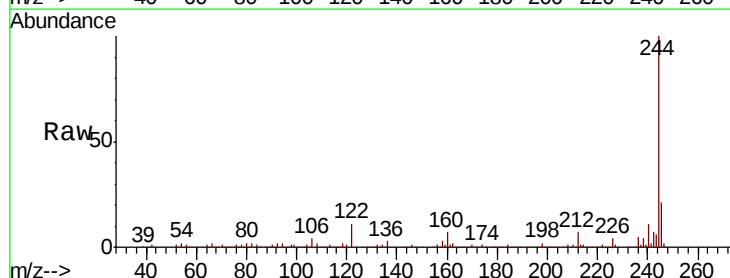
Instrument :
BNA_F
ClientSampleId :
SB-4

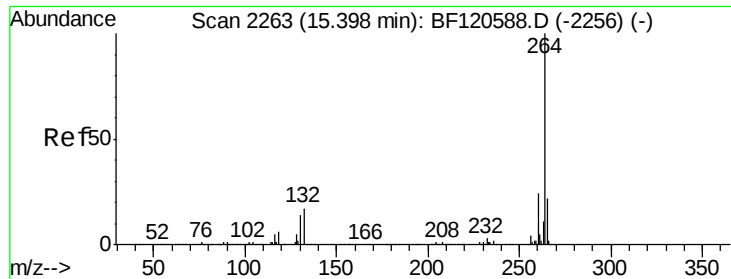
Tot Ion:240 Resp: 444767
Ion Ratio Lower Upper
240 100
120 9.8 8.3 12.5
236 25.9 21.0 31.4



#79
Terphenyl-d14
Concen: 101.723 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BF120679.D
Acq: 22 Jun 2020 16:34

Tgt Ion:244 Resp: 2048229
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 11.0 8.3 12.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF120679.D
Acq: 22 Jun 2020 16:34

Instrument :
BNA_F
ClientSampleId :
SB-4

Tot Ion:264 Resp: 494404
Ion Ratio Lower Upper
264 100
260 23.5 19.3 28.9
265 21.6 17.8 26.8

