

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061120\
 Data File : BF120598.D
 Acq On : 11 Jun 2020 12:59
 Operator : JU/CG
 Sample : PB129457BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129457BL

Quant Time: Jun 11 13:36:00 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	150880	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	576437	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	302060	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	400598	20.00	ng	0.00
76) Chrysene-d12	13.96	240	478874	20.00	ng	0.00
86) Perylene-d12	15.40	264	505238	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1063630	120.86	ng	0.00
7) Phenol-d6	6.43	99	1318169	120.26	ng	0.00
23) Nitrobenzene-d5	7.36	82	855618	82.97	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	408929	116.44	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1622689	82.19	ng	0.00
79) Terphenyl-d14	12.91	244	1464233	67.54	ng	0.00

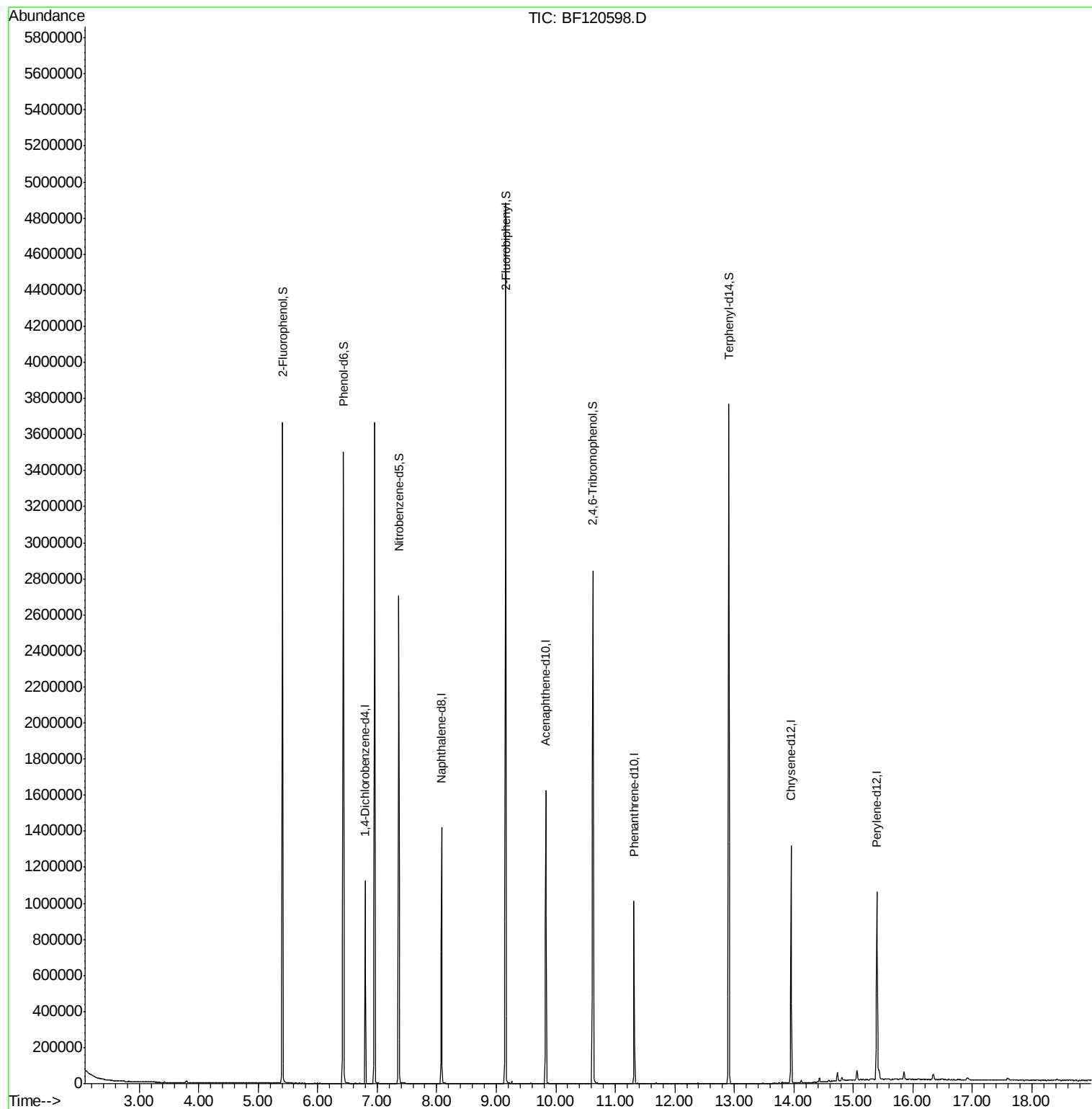
Target Compounds Qvalue

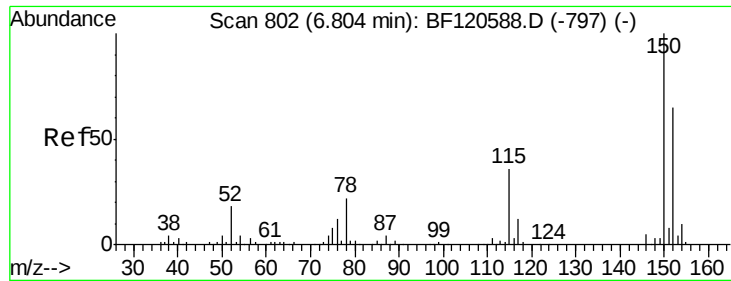
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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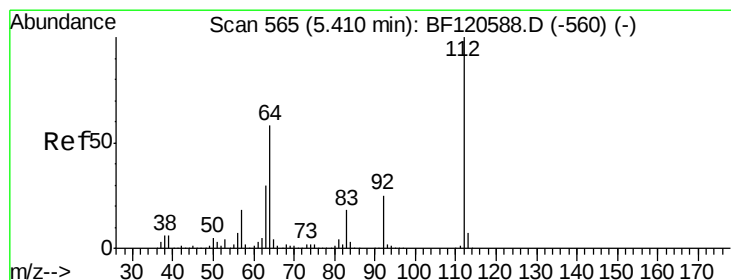
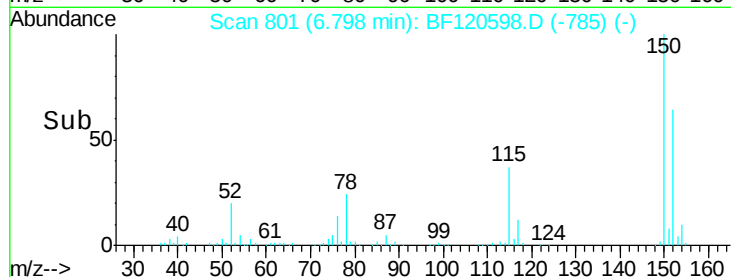
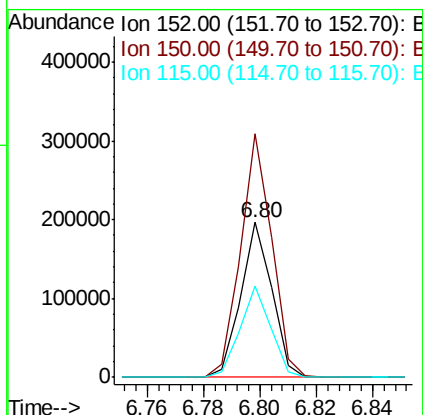
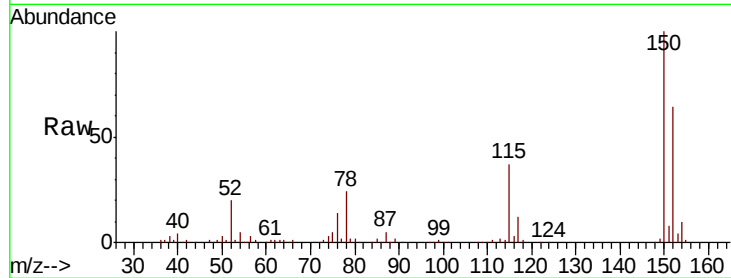


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120598.D
Acq: 11 Jun 2020 12:59

Instrument :
BNA_F
ClientSampleId :
PB129457BL

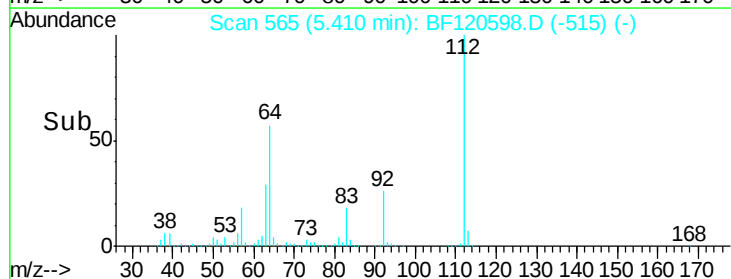
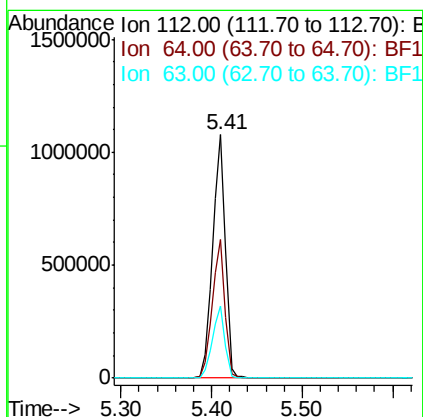
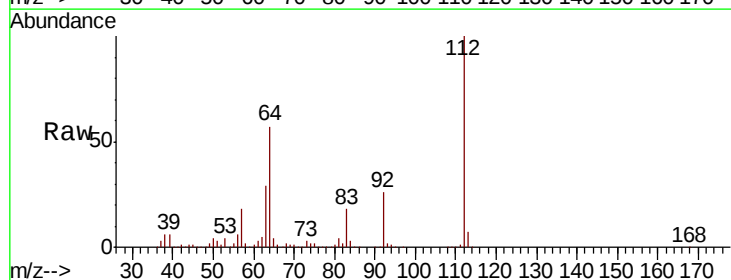
Tot Ion:152 Resp: 150880
Ion Ratio Lower Upper
152 100
150 157.2 123.2 184.8
115 58.8 43.9 65.9

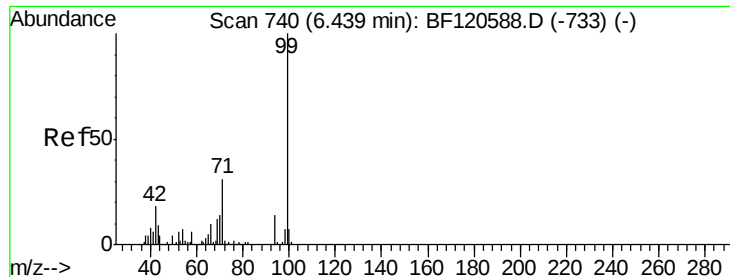


#5

2-Fluorophenol
Concen: 120.861 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120598.D
Acq: 11 Jun 2020 12:59

Tgt Ion:112 Resp: 1063630
Ion Ratio Lower Upper
112 100
64 57.0 46.1 69.1
63 29.4 23.7 35.5





#7

Phenol-d6

Concen: 120.260 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120598.D

Acq: 11 Jun 2020 12:59

Instrument :

BNA_F

ClientSampleId :

PB129457BL

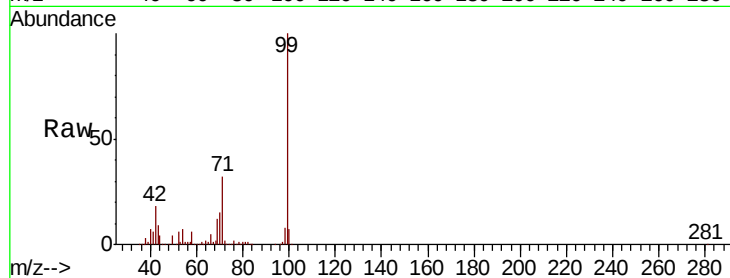
Tot Ion: 99 Resp: 1318169

Ion Ratio Lower Upper

99 100

42 18.1 14.0 21.0

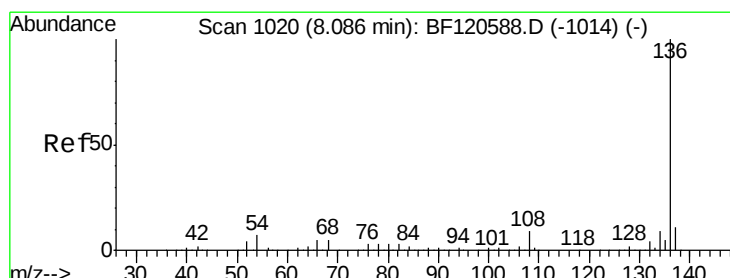
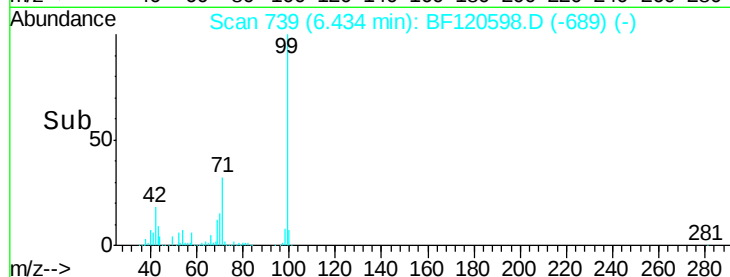
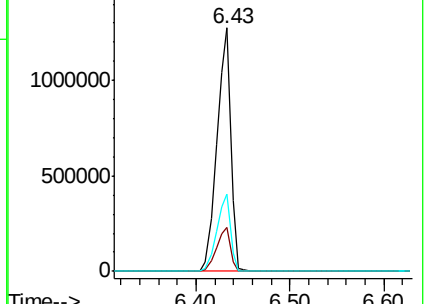
71 31.9 24.9 37.3



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: BF120598.D

Acq: 11 Jun 2020 12:59

Tgt Ion: 136 Resp: 576437

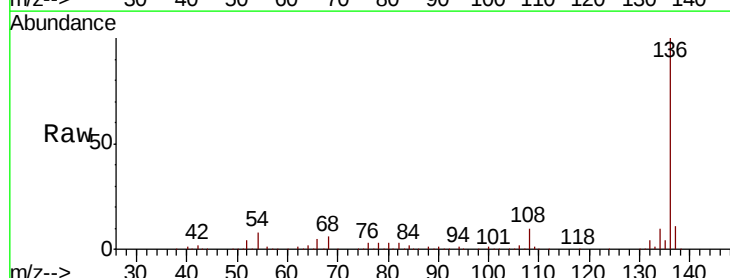
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 7.8 5.8 8.6

68 5.9 4.4 6.6

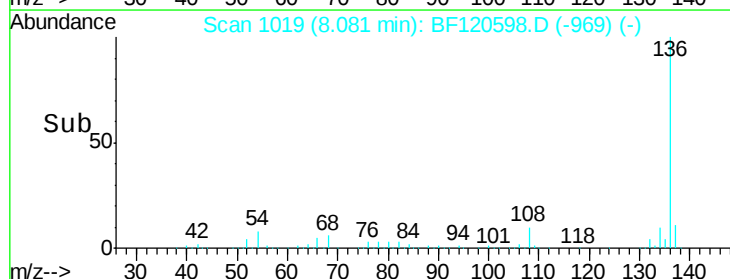
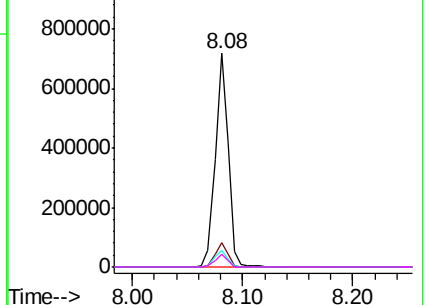


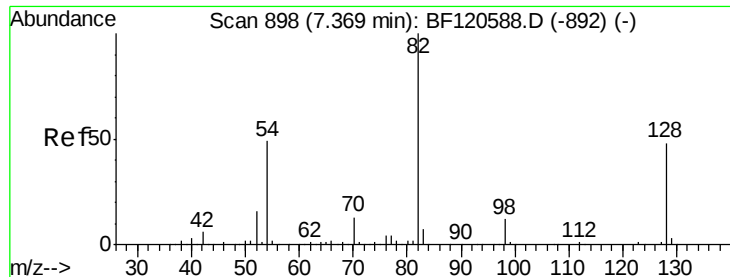
Abundance Ion 136.00 (135.70 to 136.70): E

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

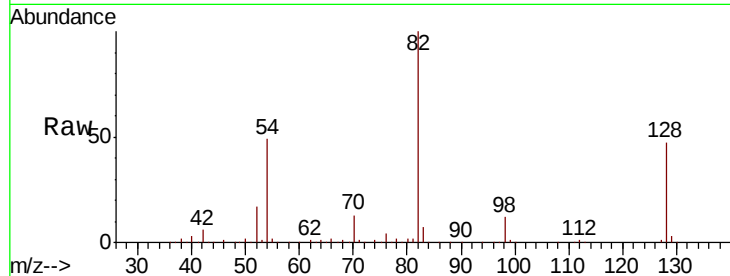




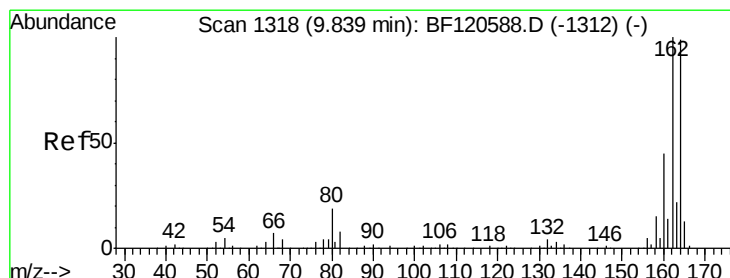
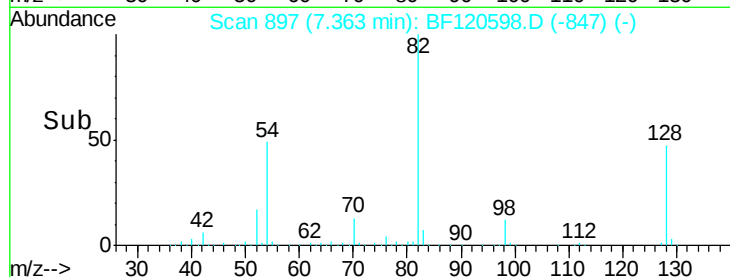
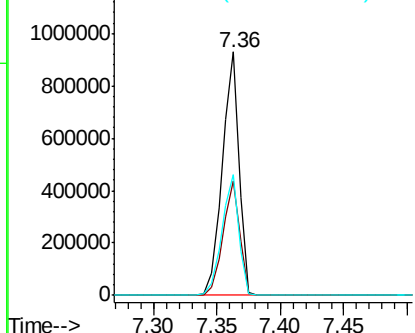
#23
Nitrobenzene-d5
Concen: 82.969 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120598.D
Acq: 11 Jun 2020 12:59

Instrument :
BNA_F
ClientSampleId :
PB129457BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	38.0	57.0
54	49.4	38.8	58.2

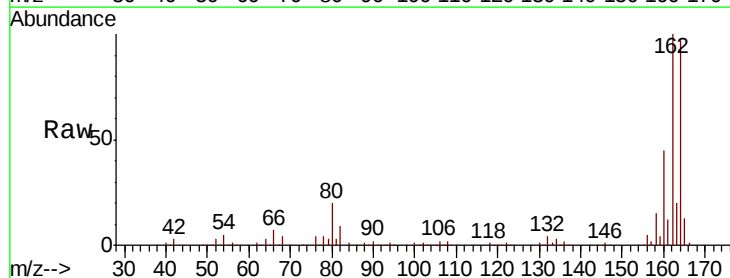


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

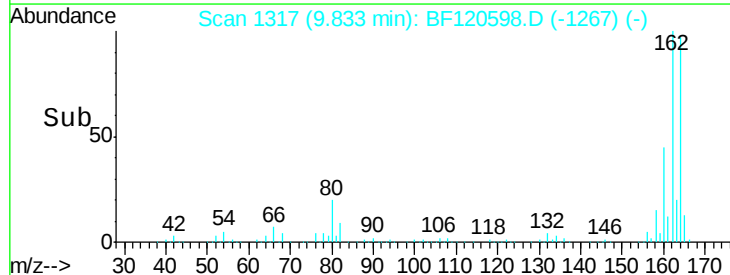
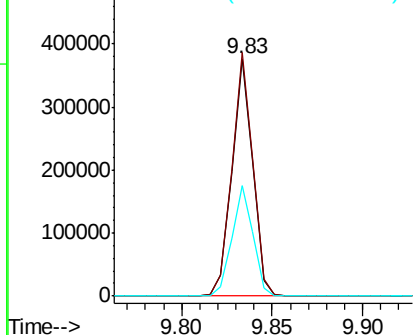


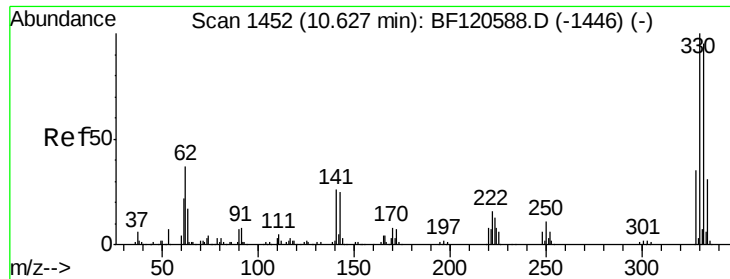
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120598.D
Acq: 11 Jun 2020 12:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.6	120.8
160	46.4	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

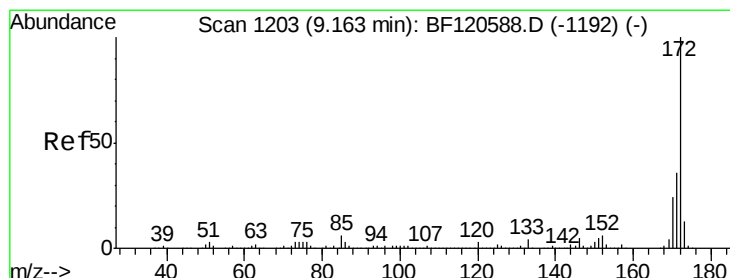
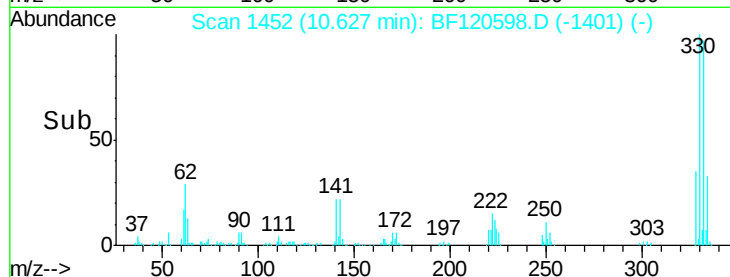
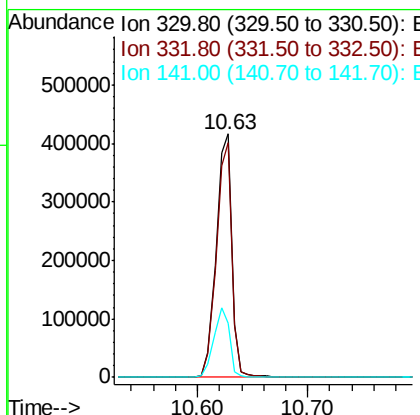
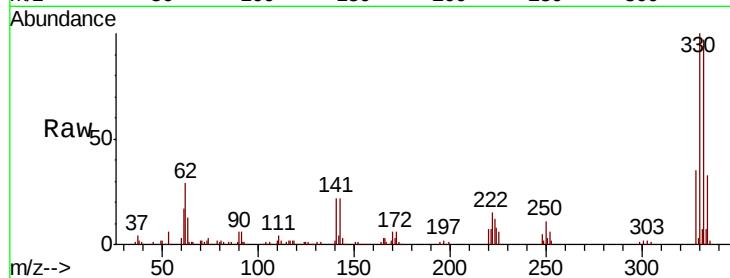




#42
 2,4,6-Tribromophenol
 Concen: 116.442 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120598.D
 Acq: 11 Jun 2020 12:59

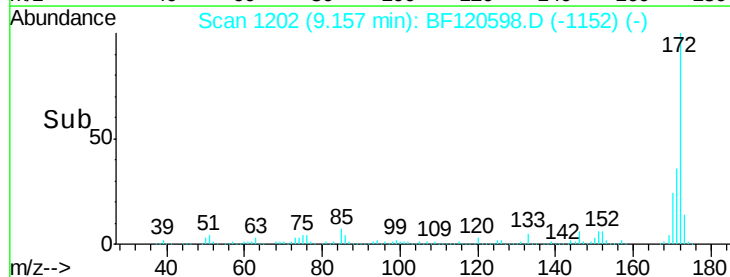
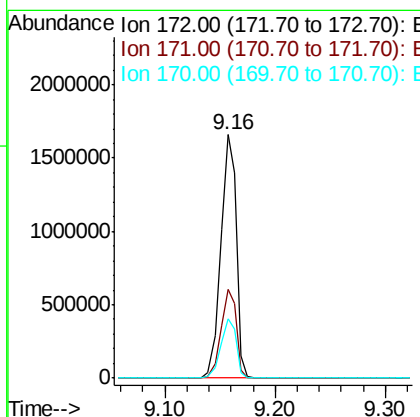
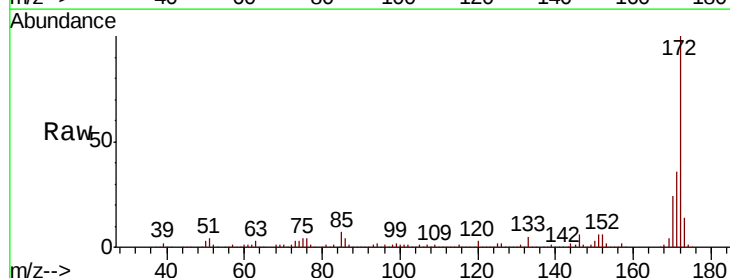
Instrument :
 BNA_F
 ClientSampleId :
 PB129457BL

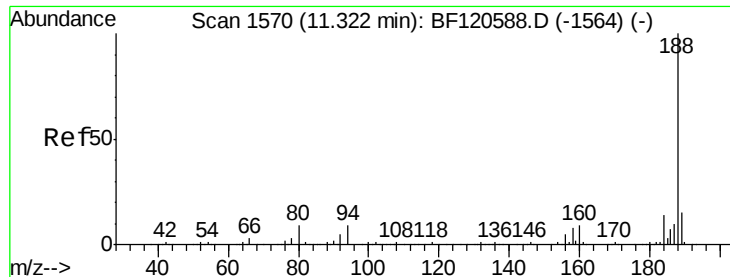
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.8	115.2
141	28.7	23.2	34.8



#45
 2-Fluorobiphenyl
 Concen: 82.192 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120598.D
 Acq: 11 Jun 2020 12:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.5	19.4	29.2

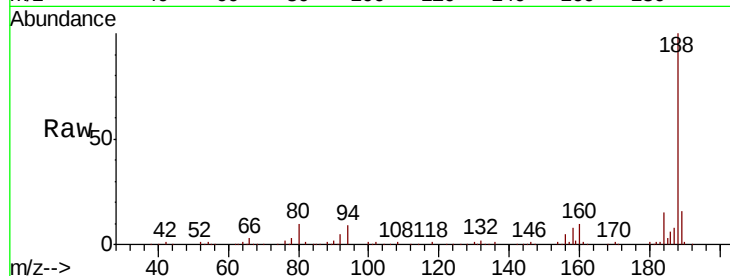




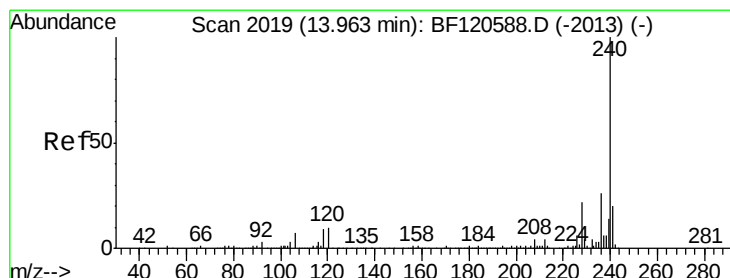
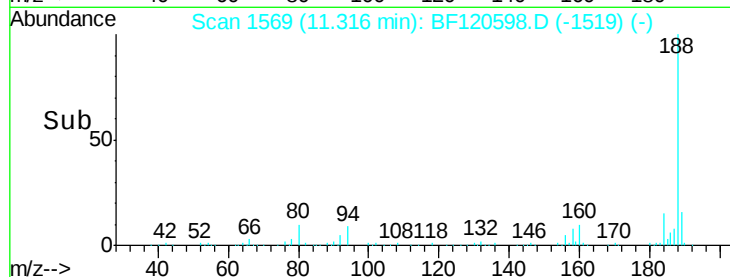
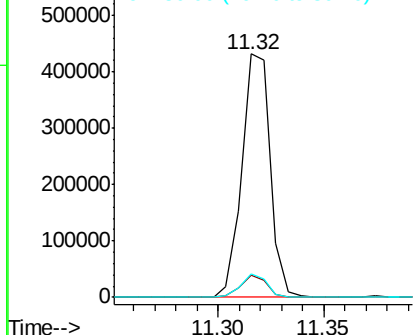
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF120598.D
Acq: 11 Jun 2020 12:59

Instrument :
BNA_F
ClientSampleId :
PB129457BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.6	7.4	11.2

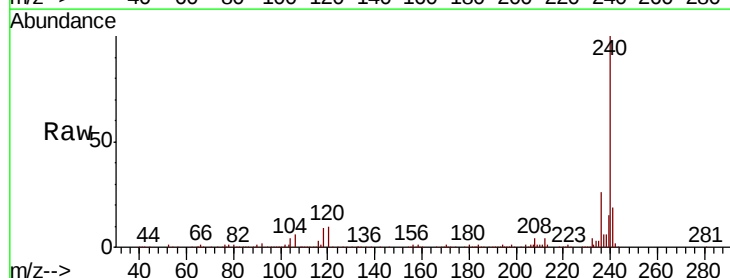


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

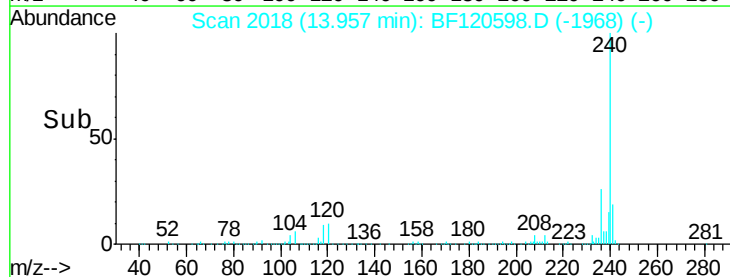
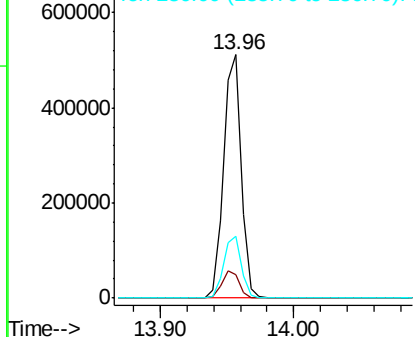


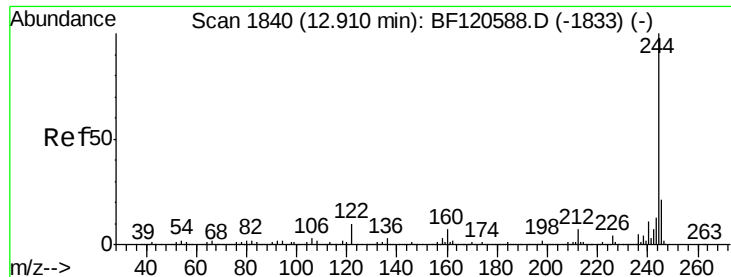
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF120598.D
Acq: 11 Jun 2020 12:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.3	12.5
236	25.6	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

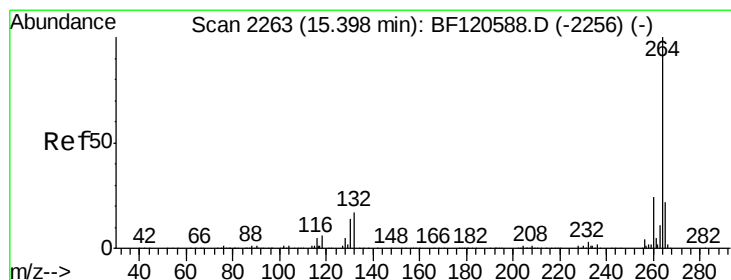
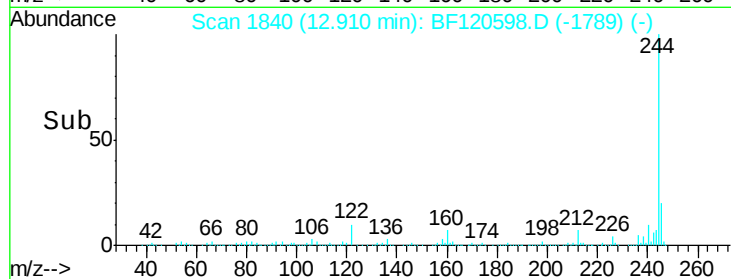
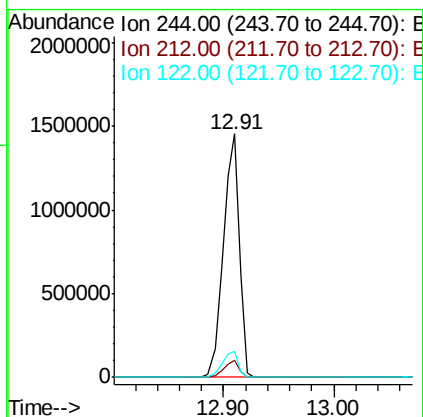
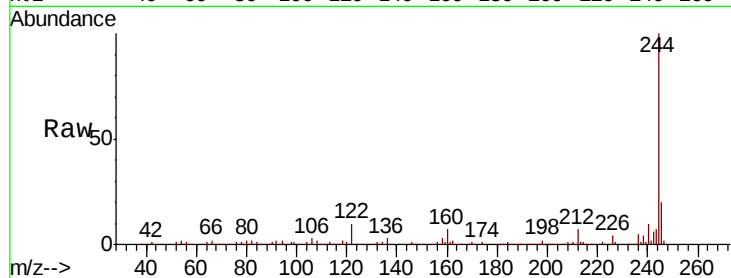




#79
 Terphenyl-d14
 Concen: 67.540 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF120598.D
 Acq: 11 Jun 2020 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB129457BL

Tot Ion:244 Resp: 1464233
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: BF120598.D
 Acq: 11 Jun 2020 12:59

Tgt Ion:264 Resp: 505238
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.4 17.8 26.8

