

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121204.D
 Acq On : 6 Aug 2020 16:06
 Operator : JU/CG
 Sample : PB130763BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130763BL

Quant Time: Aug 06 17:50:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	143363	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	542793	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	274129	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	521345	20.00	ng	0.00
76) Chrysene-d12	13.96	240	402213	20.00	ng	0.00
86) Perylene-d12	15.41	264	386075	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1120768	128.16	ng	0.00
7) Phenol-d6	6.43	99	1378364	122.02	ng	-0.01
23) Nitrobenzene-d5	7.36	82	925958	98.71	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	408748	136.22	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1621501	88.32	ng	0.00
79) Terphenyl-d14	12.91	244	1575232	85.13	ng	0.00

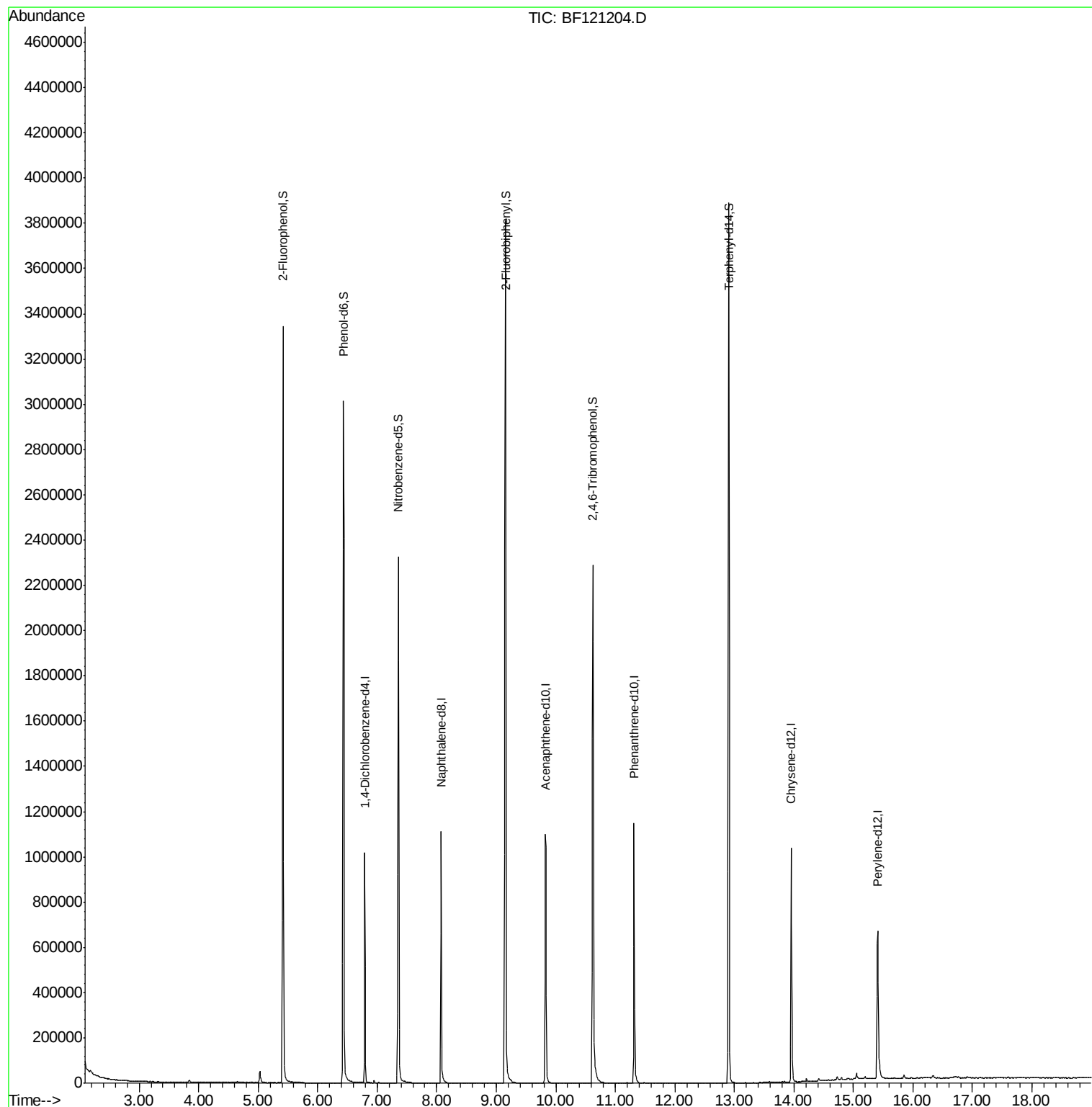
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121204.D
Acq On : 6 Aug 2020 16:06
Operator : JU/CG
Sample : PB130763BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130763BL

Quant Time: Aug 06 17:50:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration



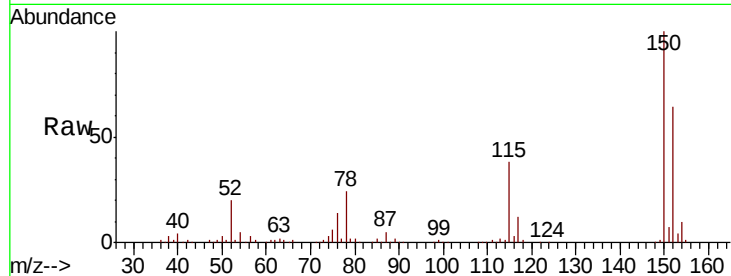


#1

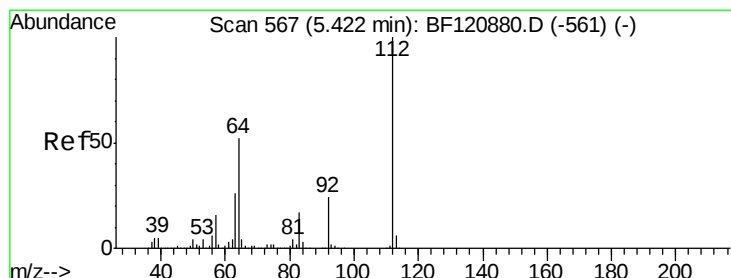
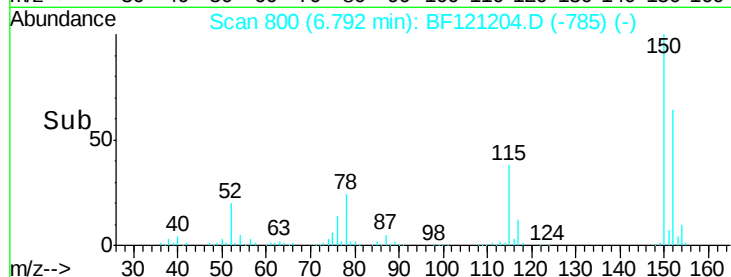
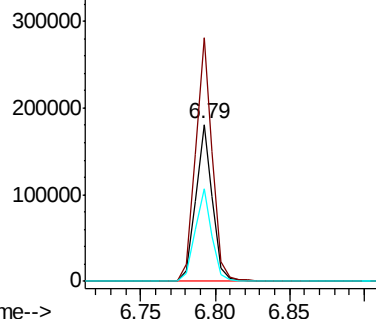
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121204.D
Acq: 6 Aug 2020 16:06

Instrument :
BNA_F
ClientSampleId :
PB130763BL

Tot Ion:152 Resp: 143363
Ion Ratio Lower Upper
152 100
150 155.4 125.6 188.4
115 59.3 46.2 69.2



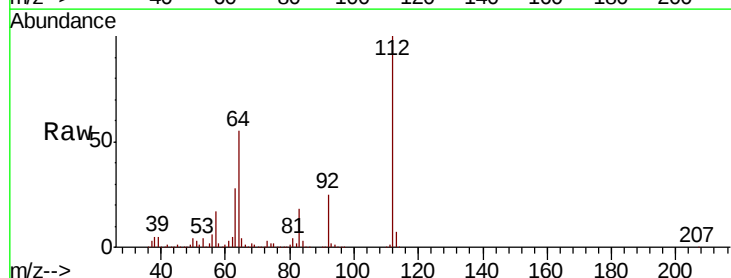
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



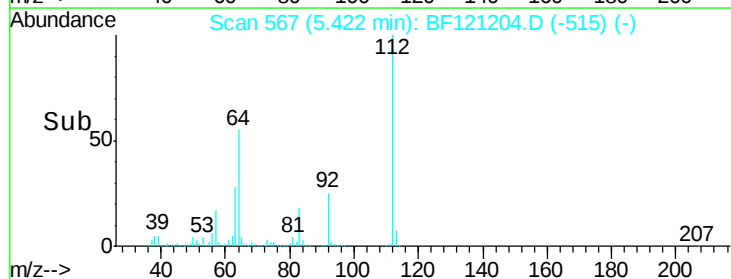
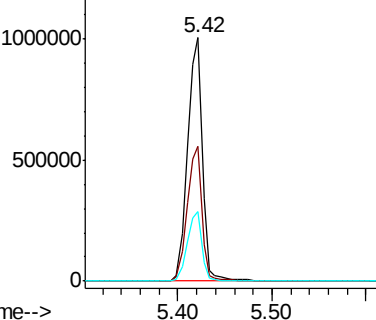
#5

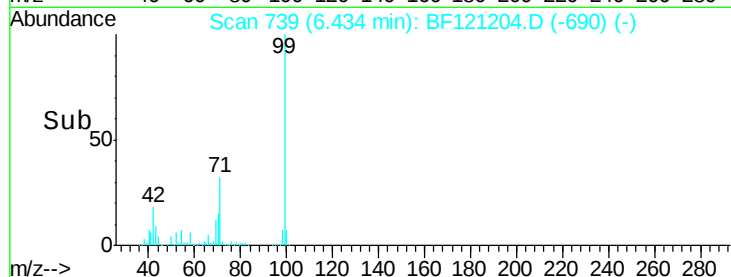
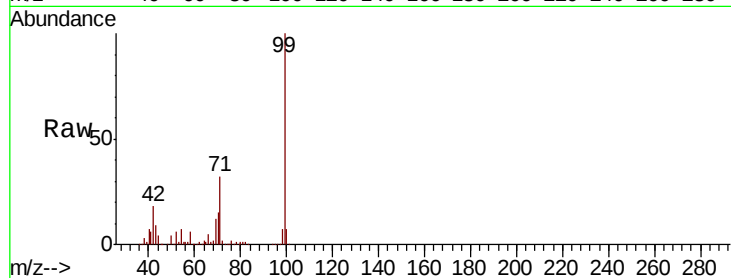
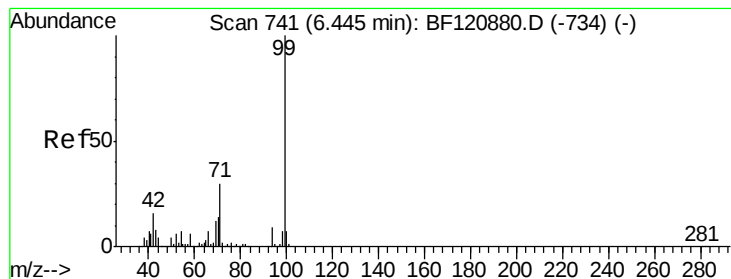
2-Fluorophenol
Concen: 128.160 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF121204.D
Acq: 6 Aug 2020 16:06

Tgt Ion:112 Resp: 1120768
Ion Ratio Lower Upper
112 100
64 55.2 43.9 65.9
63 28.4 22.7 34.1



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: 122.018 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121204.D

Acq: 6 Aug 2020 16:06

Instrument :

BNA_F

ClientSampleId :

PB130763BL

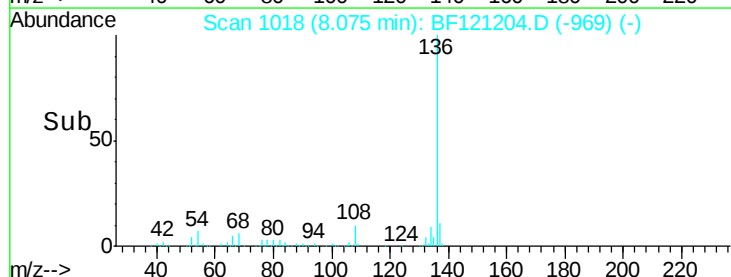
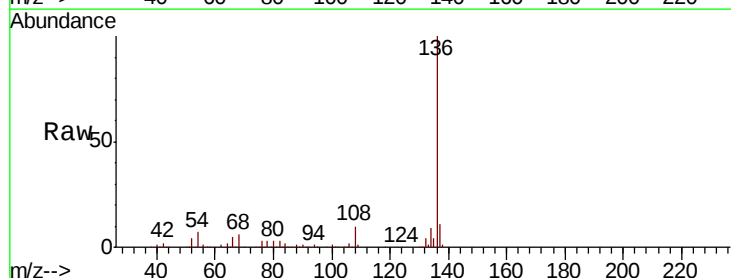
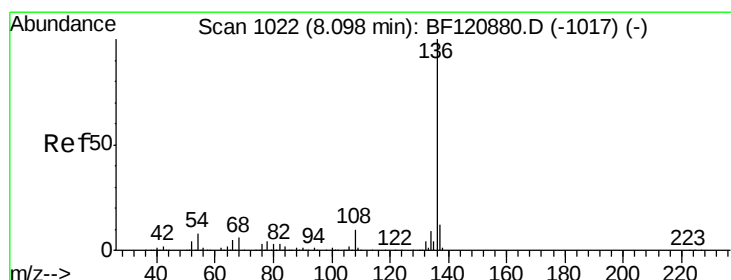
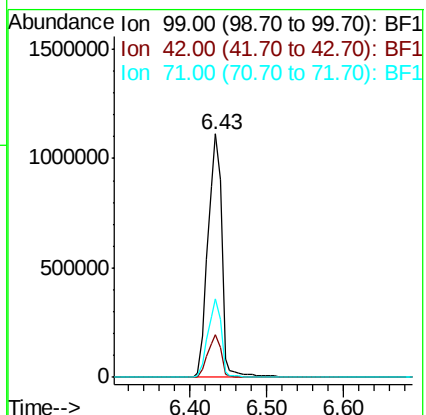
Tot Ion: 99 Resp: 1378364

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

71 32.1 25.0 37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121204.D

Acq: 6 Aug 2020 16:06

Tgt Ion: 136 Resp: 542793

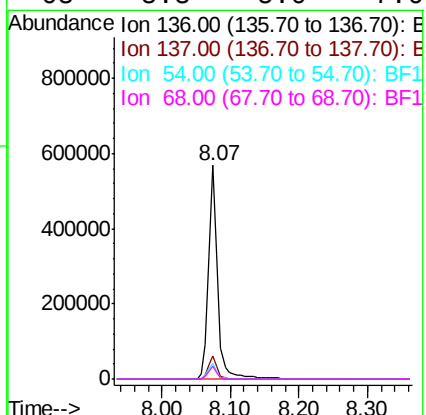
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.4 6.1 9.1

68 5.8 5.0 7.6

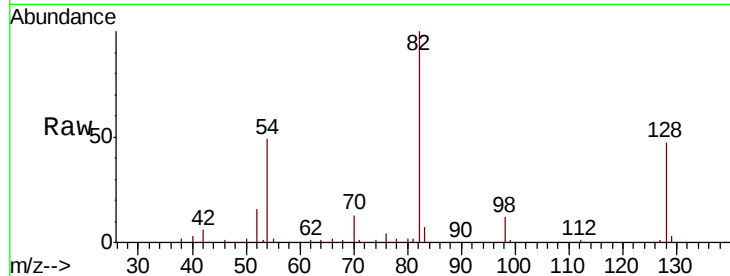




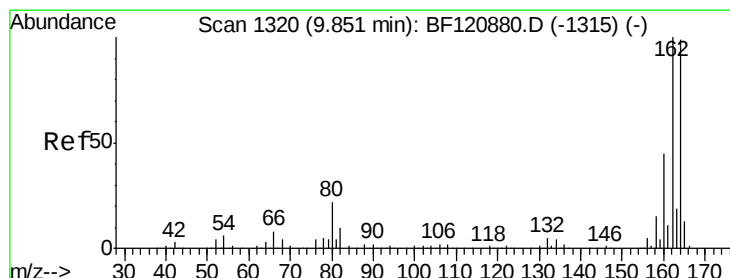
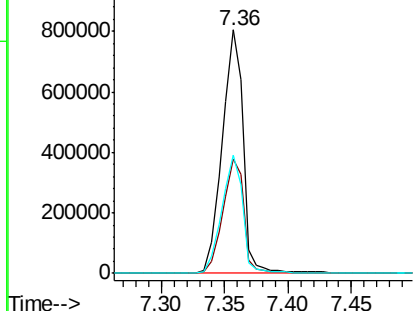
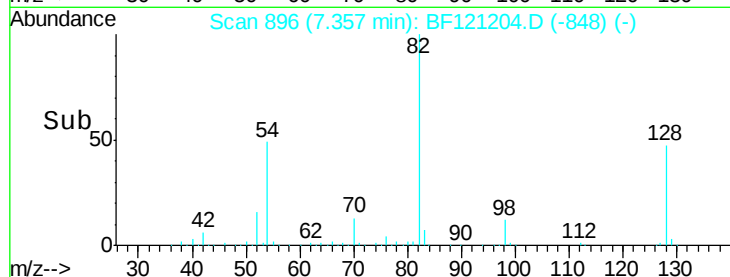
#23
 Nitrobenzene-d5
 Concen: 98.709 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121204.D
 Acq: 6 Aug 2020 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB130763BL

Tot Ion	82	Resp	925958
Ion Ratio	100		
Lower	39.2		
Upper	58.8		
128	46.8		
54	48.7		
	37.8		

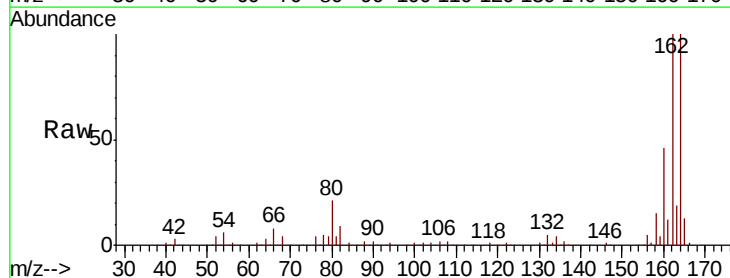


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

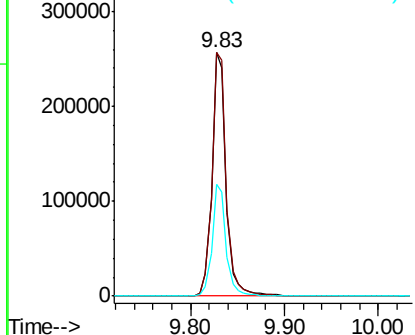
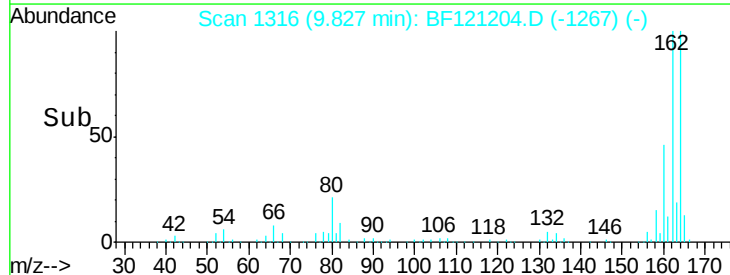


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF121204.D
 Acq: 6 Aug 2020 16:06

Tgt Ion	164	Resp	274129
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>82.2</td> <td></td> <td></td>	82.2		
Upper <td>123.2</td> <td></td> <td></td>	123.2		
162	100.0		
160	45.8		
	37.2		



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

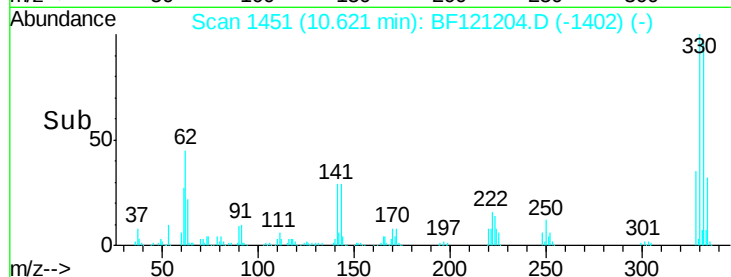
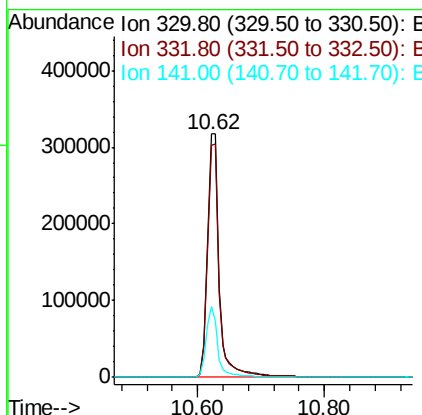
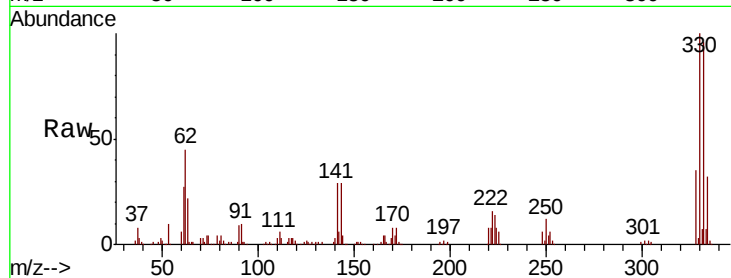




#42
 2,4,6-Tribromophenol
 Concen: 136.221 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF121204.D
 Acq: 6 Aug 2020 16:06

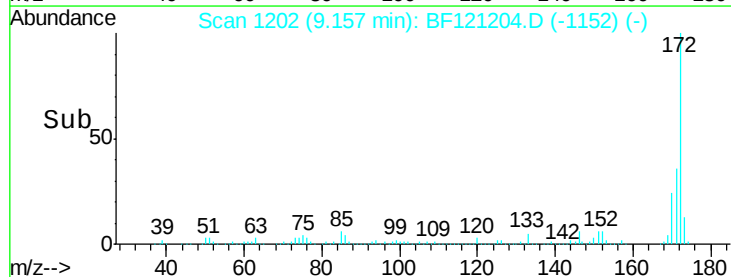
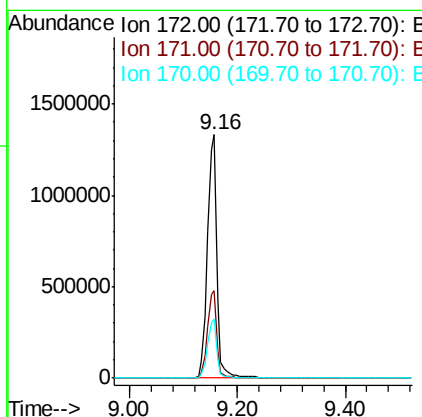
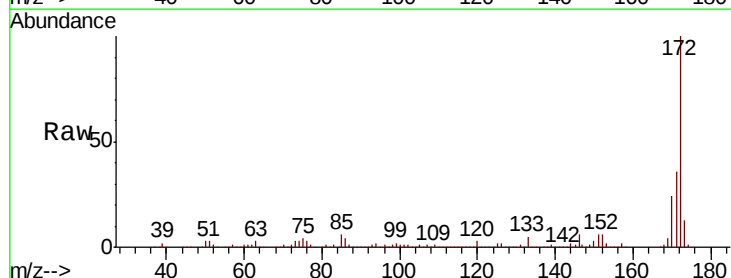
Instrument :
 BNA_F
 ClientSampleId :
 PB130763BL

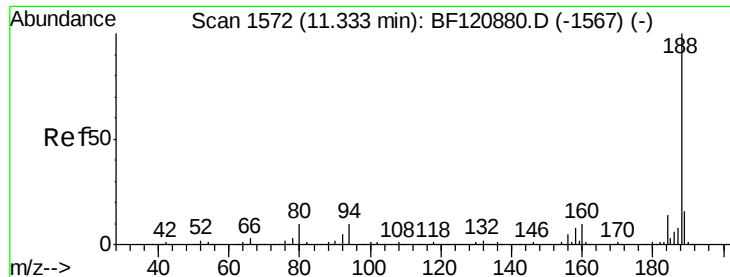
Tot Ion:330 Resp: 408748
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.1 114.1
 141 29.0 24.1 36.1



#45
 2-Fluorobiphenyl
 Concen: 88.315 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121204.D
 Acq: 6 Aug 2020 16:06

Tgt Ion:172 Resp: 1621501
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.4
 170 24.1 19.6 29.4

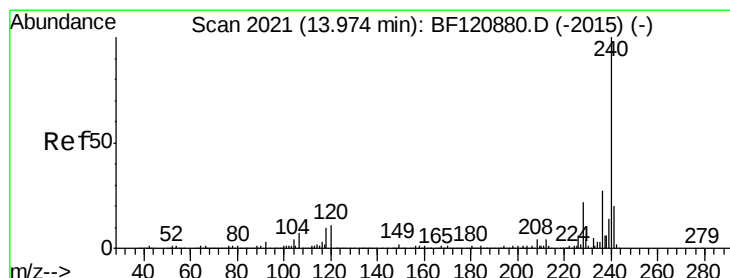
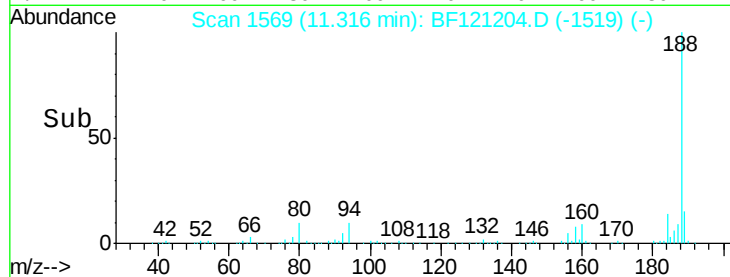
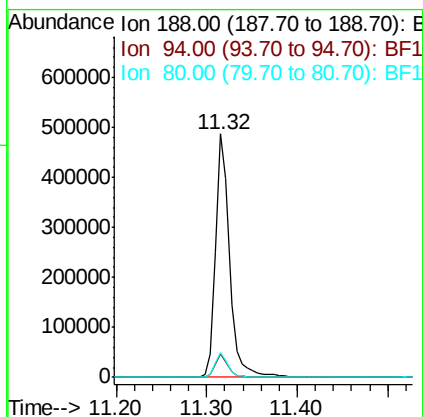
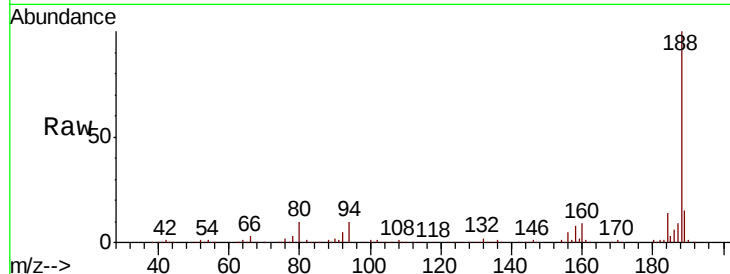




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF121204.D
Acq: 6 Aug 2020 16:06

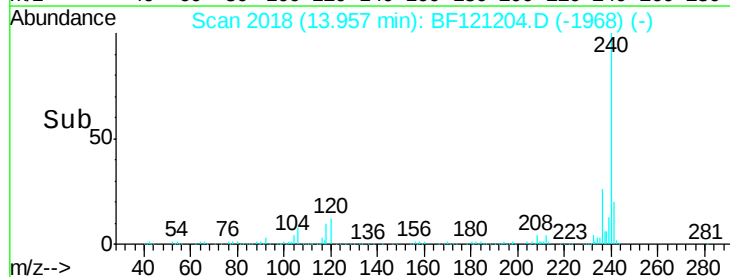
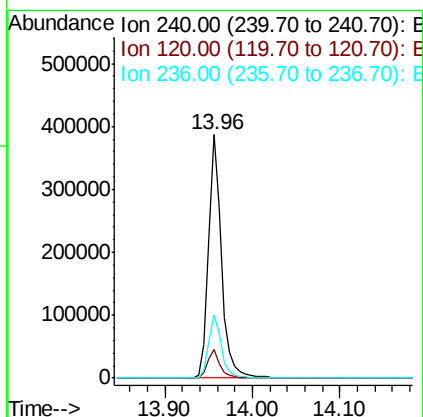
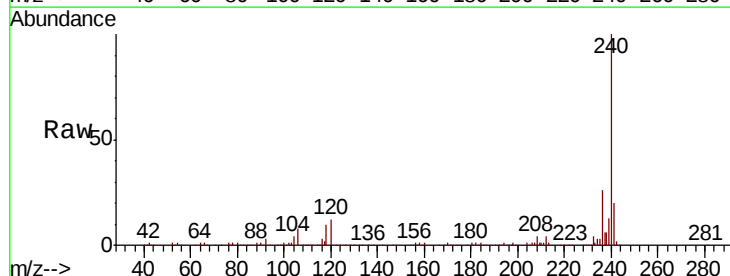
Instrument :
BNA_F
ClientSampleId :
PB130763BL

Tot Ion:188 Resp: 521345
Ion Ratio Lower Upper
188 100
94 9.7 8.0 12.0
80 10.2 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF121204.D
Acq: 6 Aug 2020 16:06

Tgt Ion:240 Resp: 402213
Ion Ratio Lower Upper
240 100
120 11.5 9.3 13.9
236 26.2 21.1 31.7

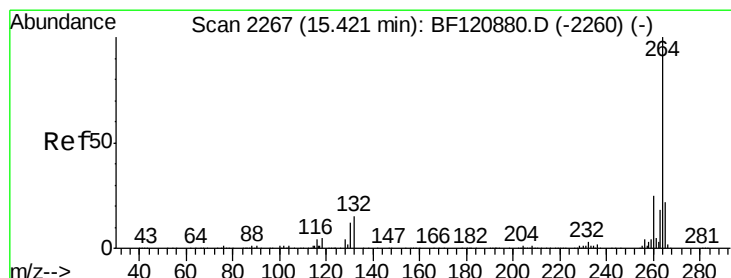
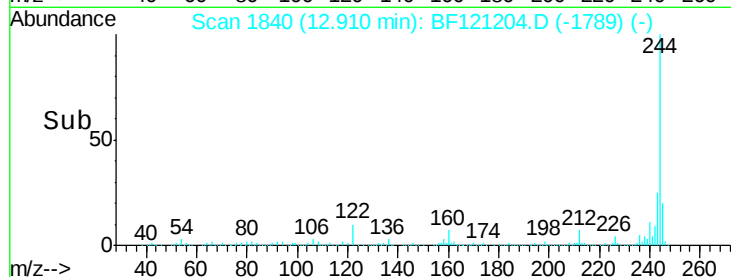
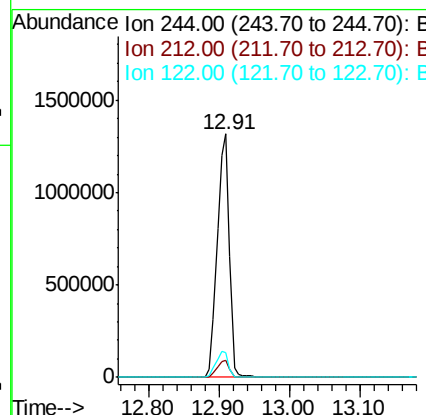
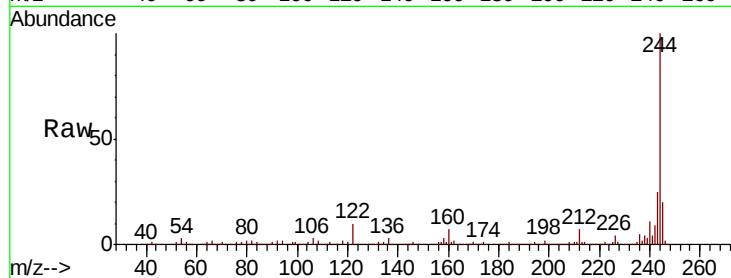




#79
 Terphenyl-d14
 Concen: 85.134 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121204.D
 Acq: 6 Aug 2020 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB130763BL

Tot Ion:244 Resp: 1575232
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: BF121204.D
 Acq: 6 Aug 2020 16:06

Tgt Ion:264 Resp: 386075
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.9 29.9
 265 21.2 17.8 26.8

