

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113140.D
 Acq On : 19 Mar 2019 22:05
 Operator : JU/SJ
 Sample : K1971-02 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(14-15)-031519

Quant Time: Mar 20 02:58:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	135385	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	505953	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	223088	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	369738	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	363843	20.00	ng	0.00
87) Perylene-d12	15.27	264	250955	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	90641	10.41	ng	-0.01
7) Phenol-d6	6.36	99	109269	9.99	ng	-0.01
23) Nitrobenzene-d5	7.28	82	58783	6.95	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	23490	9.92	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	121344	5.93	ng	-0.01
79) Terphenyl-d14	12.81	244	93986	5.01	ng	-0.01

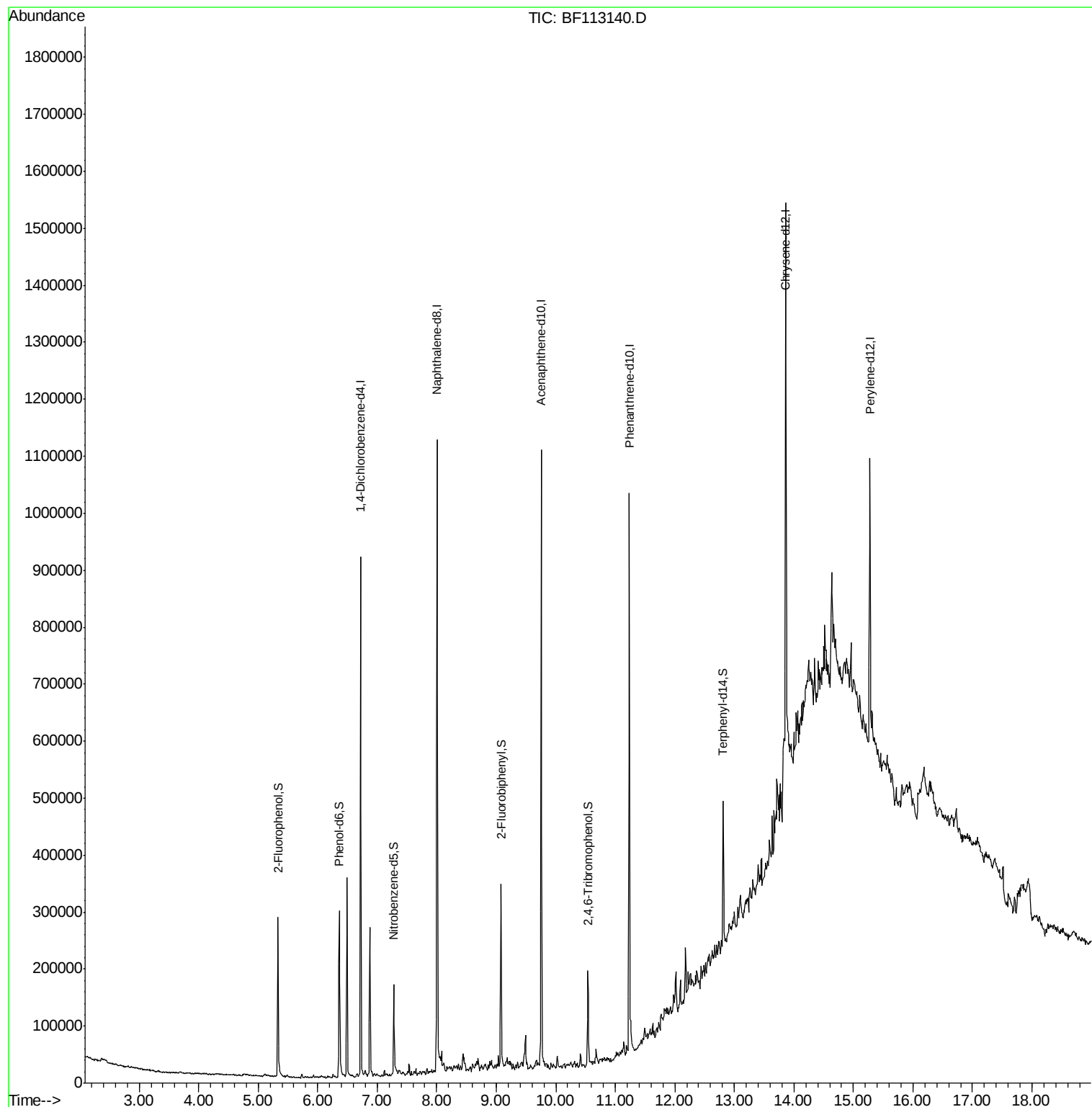
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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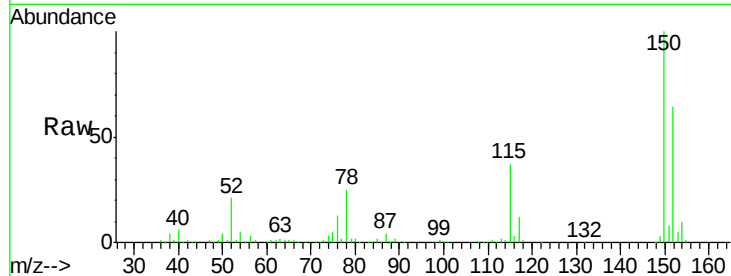




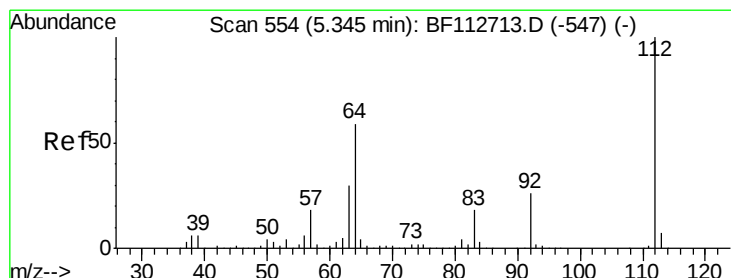
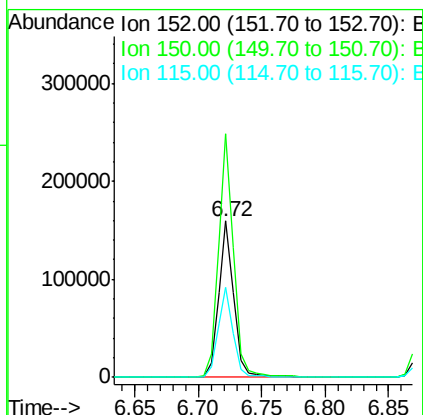
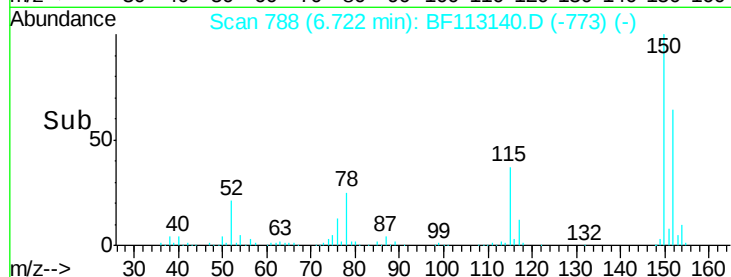
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF113140.D
 Acq: 19 Mar 2019 22:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(14-15)-031519

Tgt Ion:152 Resp: 135385
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.2 186.2
 115 57.3 48.2 72.4

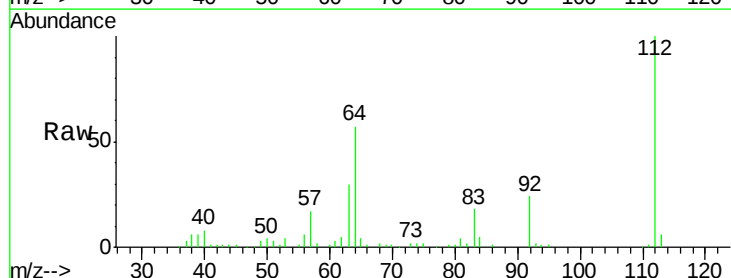


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

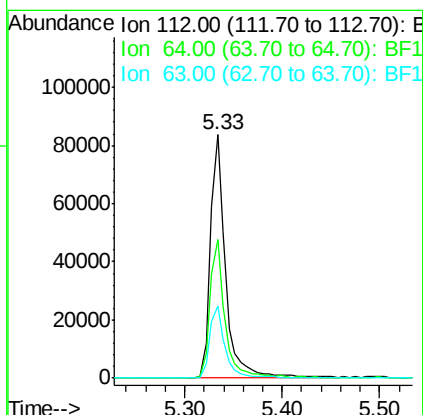
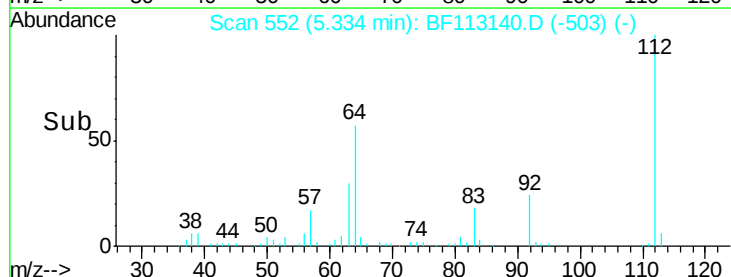


#5
 2-Fluorophenol
 Concen: 10.414 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF113140.D
 Acq: 19 Mar 2019 22:05

Tgt Ion:112 Resp: 90641
 Ion Ratio Lower Upper
 112 100
 64 57.1 47.6 71.4
 63 29.6 24.4 36.6



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: 9.995 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113140.D

Acq: 19 Mar 2019 22:05

Instrument :

BNA_F

ClientSampleId :

SB-8(14-15)-031519

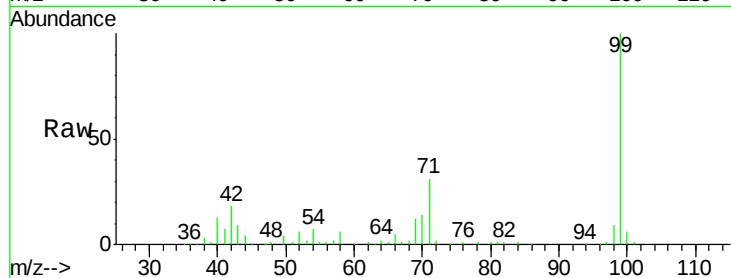
Tgt Ion: 99 Resp: 109269

Ion Ratio Lower Upper

99 100

42 17.6 16.3 24.5

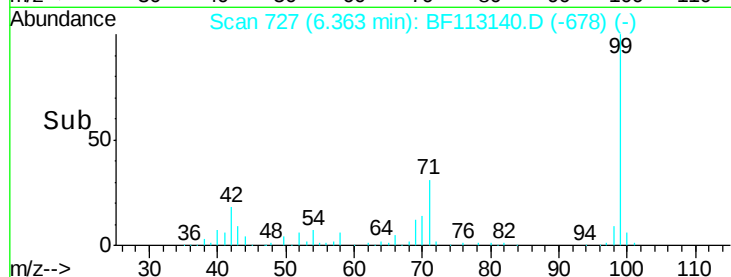
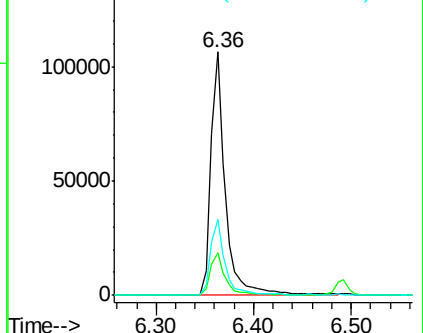
71 31.2 26.2 39.4



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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113140.D

Acq: 19 Mar 2019 22:05

Tgt Ion: 136 Resp: 505953

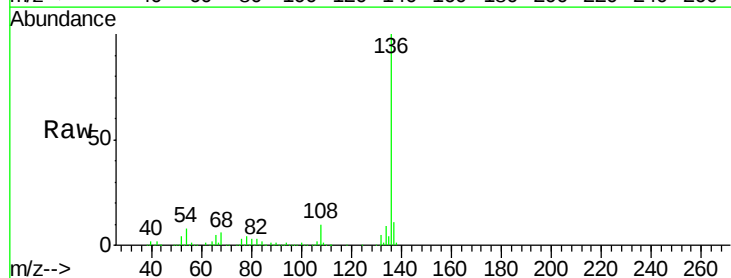
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.4 7.3 10.9

68 5.8 5.4 8.2

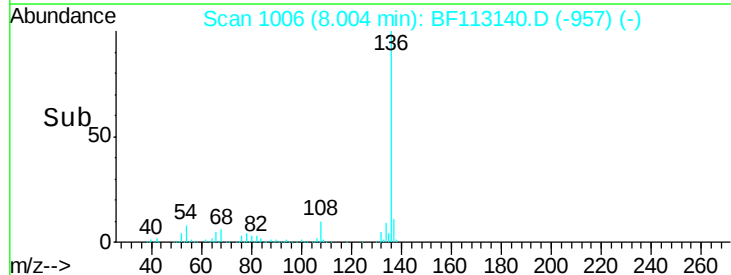
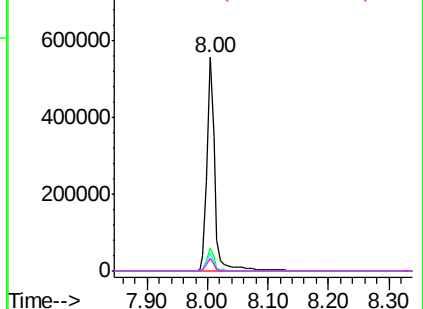


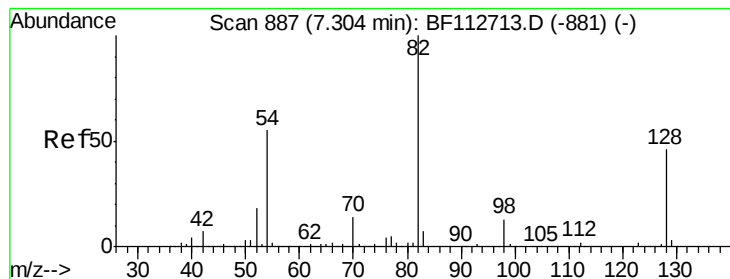
Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.952 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF113140.D

Acq: 19 Mar 2019 22:05

Instrument :

BNA_F

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SB-8(14-15)-031519

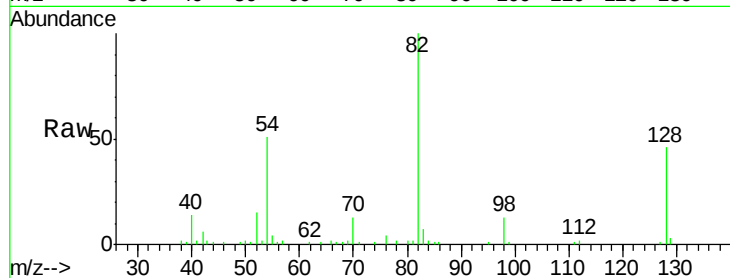
Tgt Ion: 82 Resp: 58783

Ion Ratio Lower Upper

82 100

128 45.7 36.3 54.5

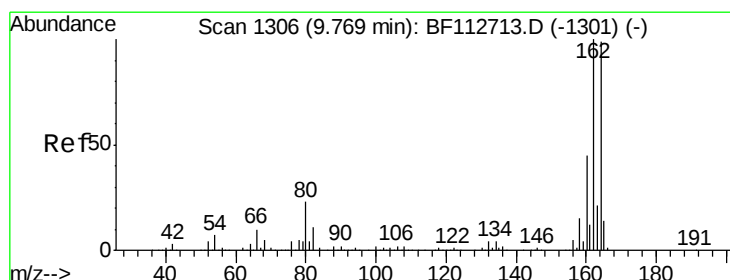
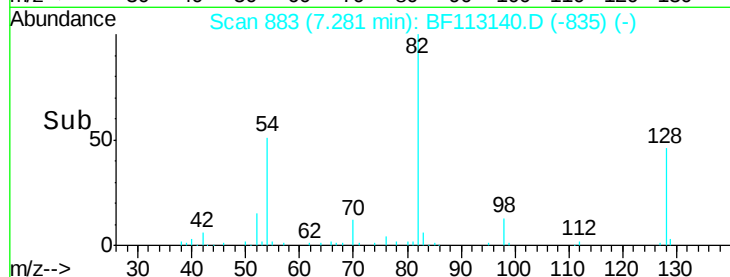
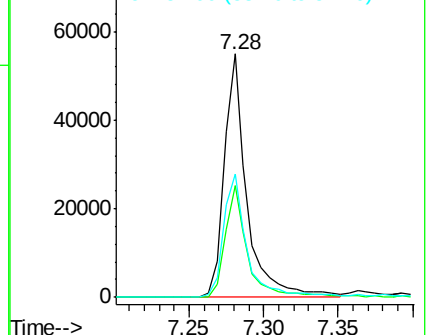
54 50.6 43.7 65.5



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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF113140.D

Acq: 19 Mar 2019 22:05

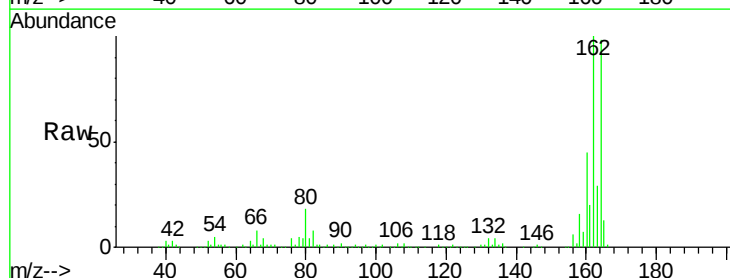
Tgt Ion: 164 Resp: 223088

Ion Ratio Lower Upper

164 100

162 101.8 80.6 120.8

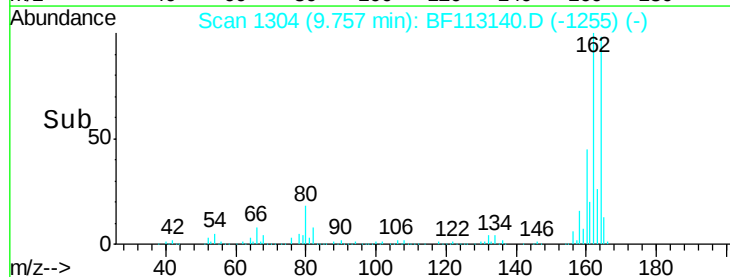
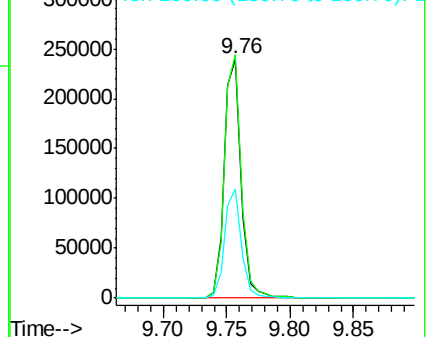
160 45.9 36.0 54.0

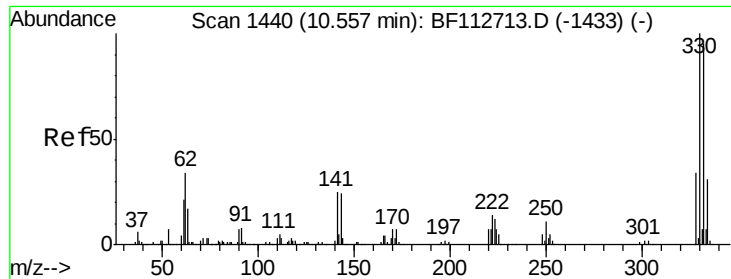


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

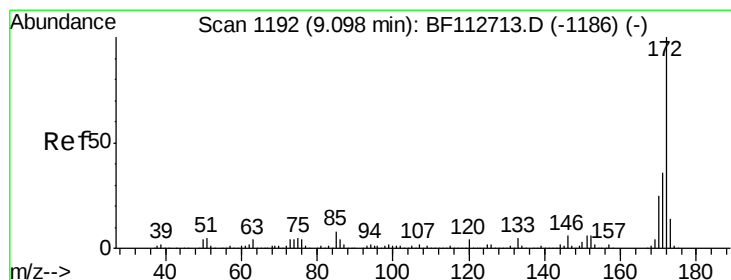
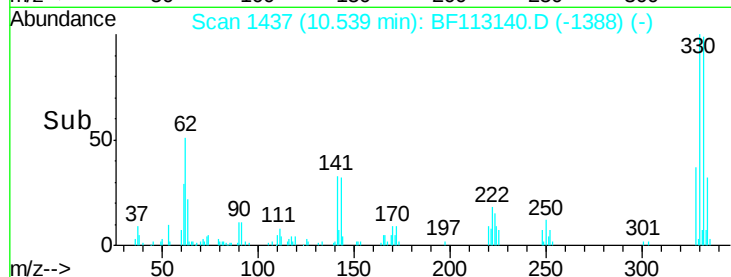
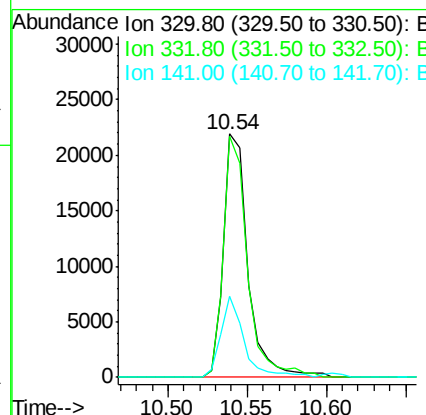
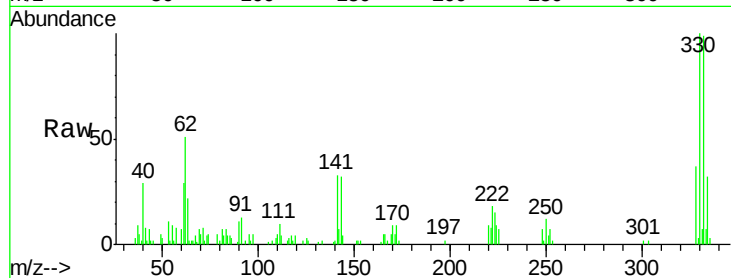




#42
 2,4,6-Tribromophenol
 Concen: 9.918 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113140.D
 Acq: 19 Mar 2019 22:05

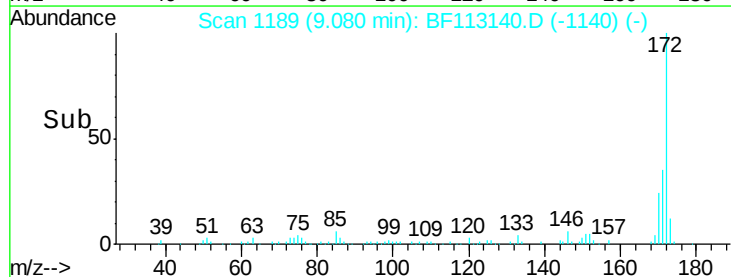
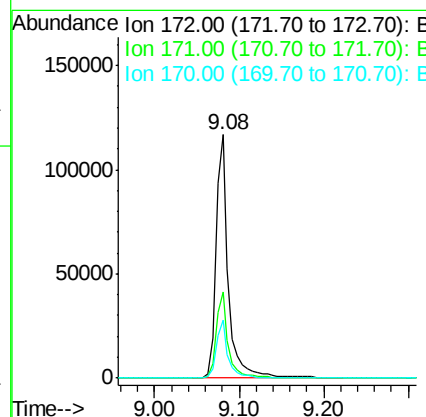
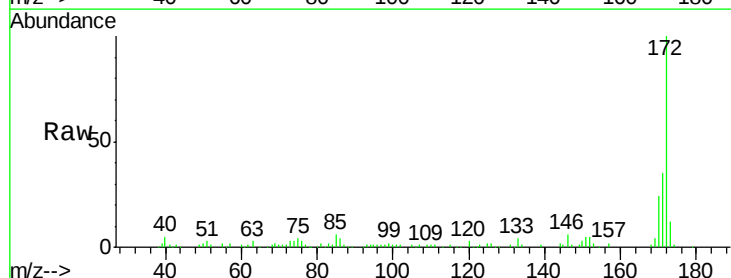
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.2	114.4
141	31.8	27.0	40.6



#45
 2-Fluorobiphenyl
 Concen: 5.930 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113140.D
 Acq: 19 Mar 2019 22:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.0	43.4
170	23.7	20.0	30.0

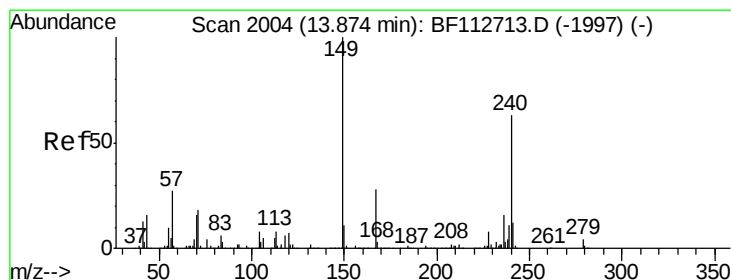
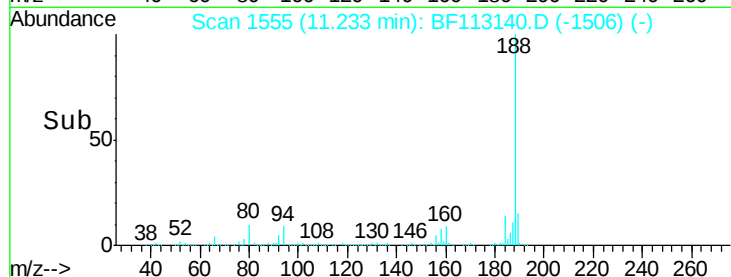
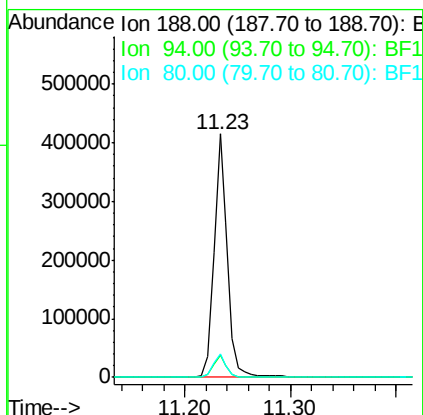
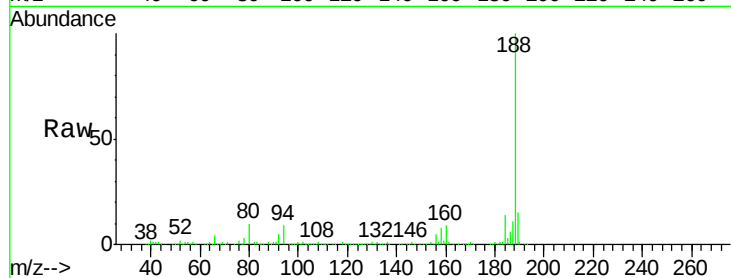




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113140.D
Acq: 19 Mar 2019 22:05

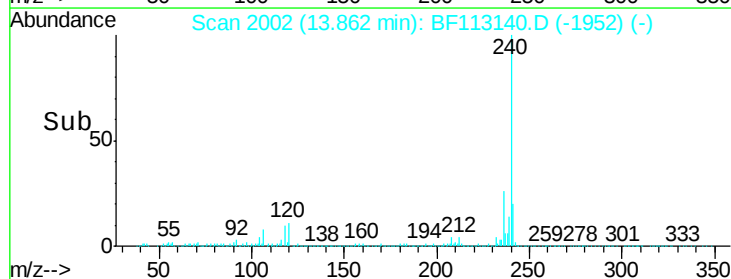
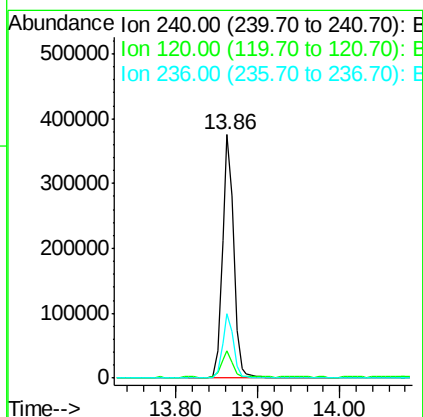
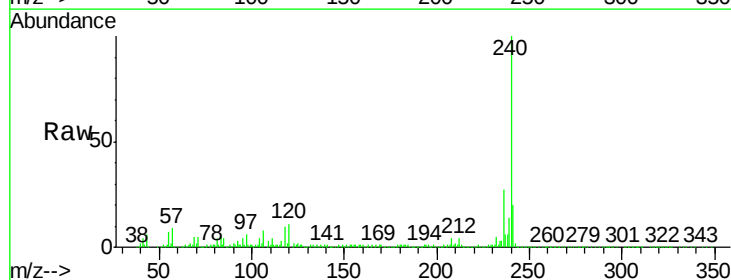
Instrument :
BNA_F
ClientSampleId :
SB-8(14-15)-031519

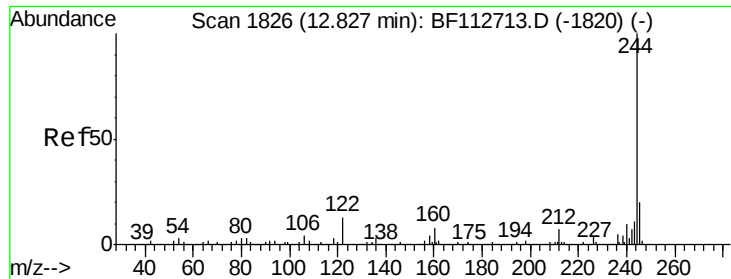
Tgt Ion:188 Resp: 369738
Ion Ratio Lower Upper
188 100
94 9.1 9.0 13.4
80 9.6 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113140.D
Acq: 19 Mar 2019 22:05

Tgt Ion:240 Resp: 363843
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 26.5 20.7 31.1

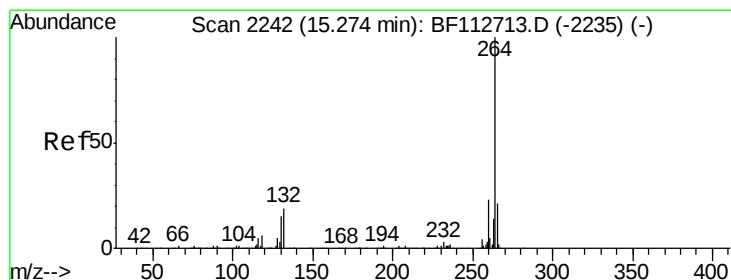
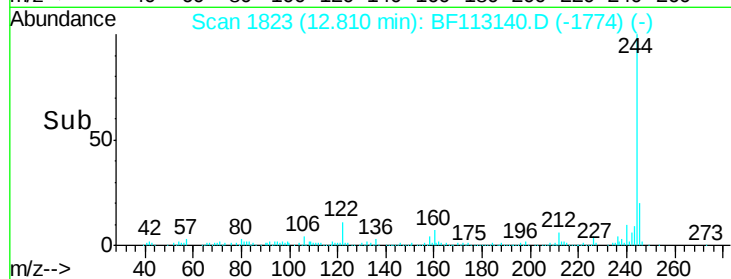
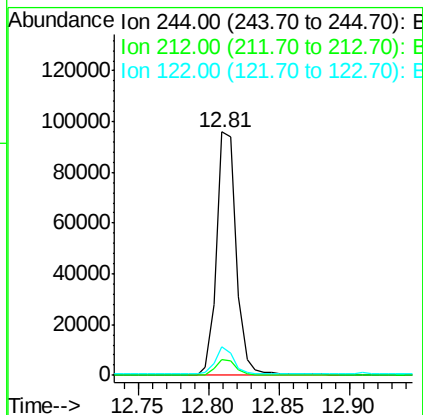
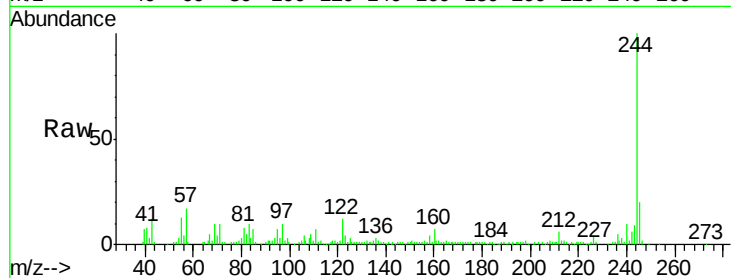




#79
 Terphenyl-d14
 Concen: 5.007 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF113140.D
 Acq: 19 Mar 2019 22:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(14-15)-031519

Tgt Ion: 244 Resp: 93986
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 11.7 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BF113140.D
 Acq: 19 Mar 2019 22:05

Tgt Ion: 264 Resp: 250955
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.8 17.2 25.8

