

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
 Data File : BF113685.D
 Acq On : 10 Apr 2019 5:07
 Operator : JU/SJ
 Sample : K2331-03 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T1-604

Quant Time: Apr 10 07:49:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	94421	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	390546	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	179839	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	334343	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	313707	20.00	ng	-0.02
87) Perylene-d12	15.23	264	313366	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	9217	1.66	ng	0.06
7) Phenol-d6	6.40	99	9654	1.41	ng	0.06
23) Nitrobenzene-d5	7.26	82	41843	6.28	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	2435	1.13	ng	0.02
45) 2-Fluorobiphenyl	9.04	172	100748	9.02	ng	-0.01
79) Terphenyl-d14	12.77	244	91231	5.92	ng	-0.02

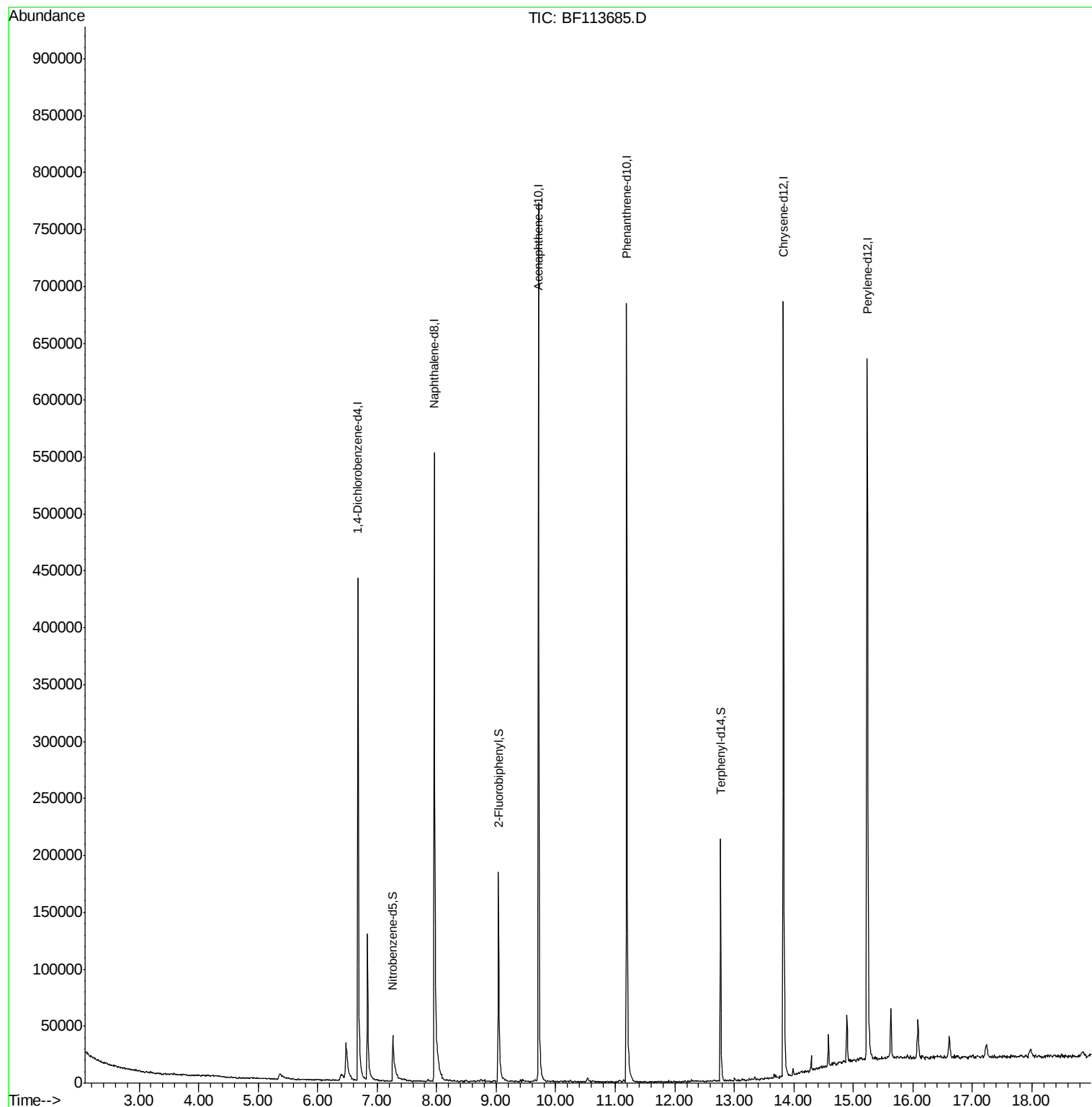
Target Compounds	Qvalue
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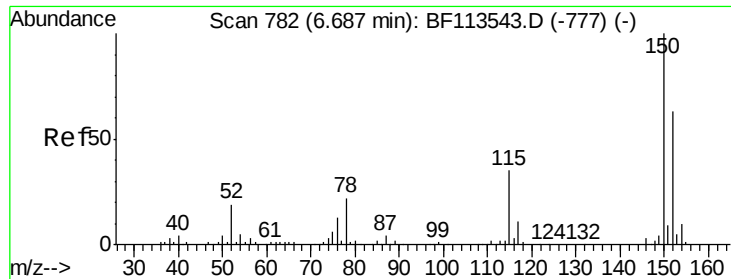
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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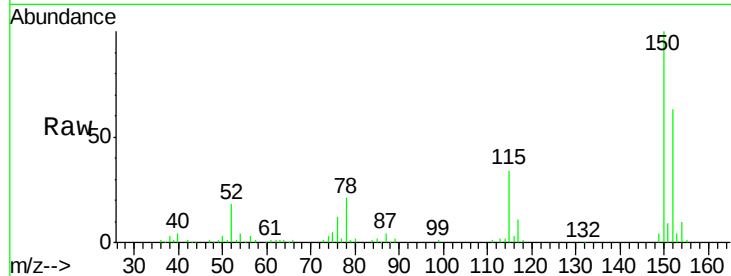


#1

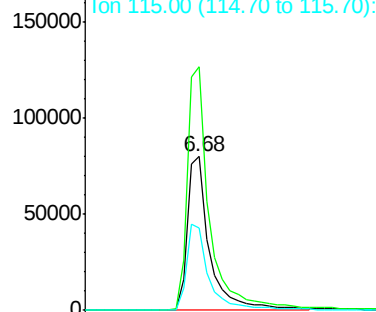
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113685.D
Acq: 10 Apr 2019 5:07

Instrument :
BNA_F
ClientSampleId :
T1-604

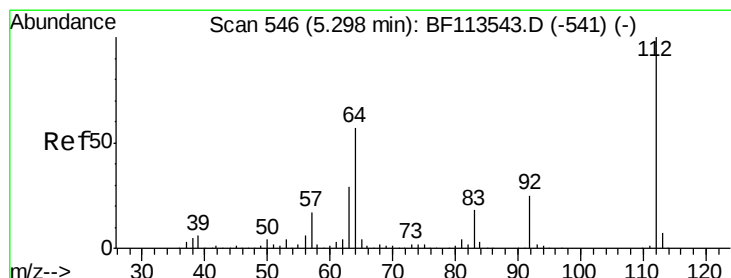
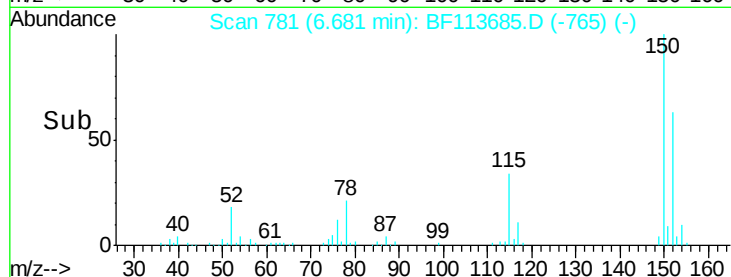
Tgt Ion:152 Resp: 94421
Ion Ratio Lower Upper
152 100
150 158.7 124.7 187.1
115 53.6 46.0 69.0



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



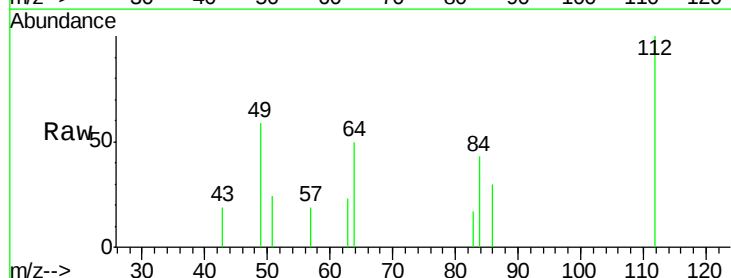
Time-->



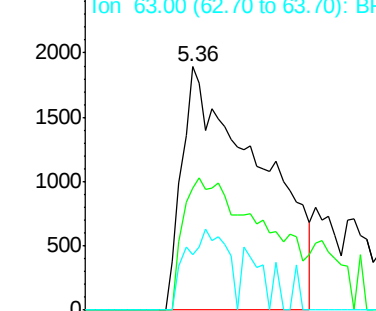
#5

2-Fluorophenol
Concen: 1.665 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.06 min
Lab File: BF113685.D
Acq: 10 Apr 2019 5:07

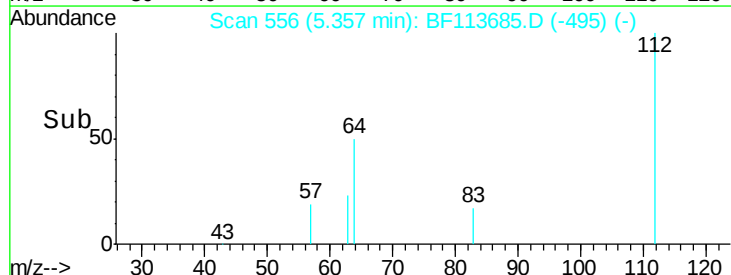
Tgt Ion:112 Resp: 9217
Ion Ratio Lower Upper
112 100
64 50.1 49.2 73.8
63 22.5 24.9 37.3#

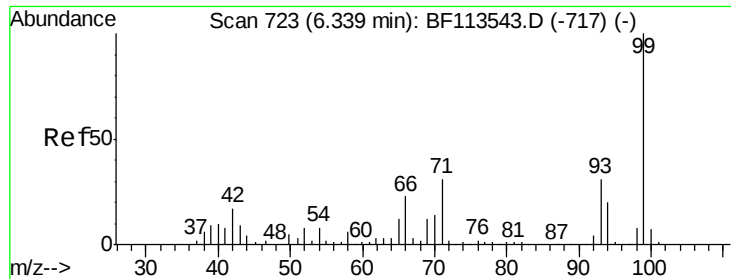


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 1.415 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.06 min

Lab File: BF113685.D

Acq: 10 Apr 2019 5:07

Instrument :

BNA_F

ClientSampled :

T1-604

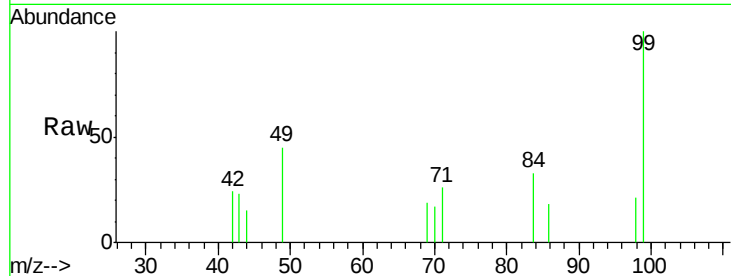
Tgt Ion: 99 Resp: 9654

Ion Ratio Lower Upper

99 100

42 24.2 14.8 22.2#

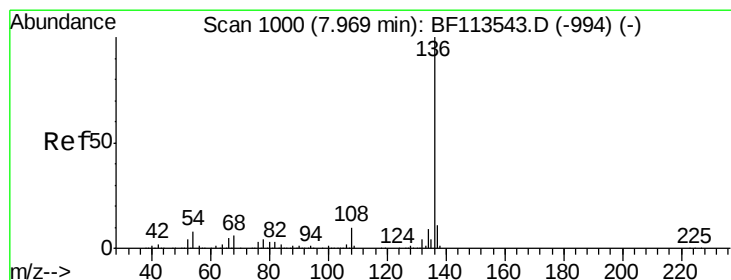
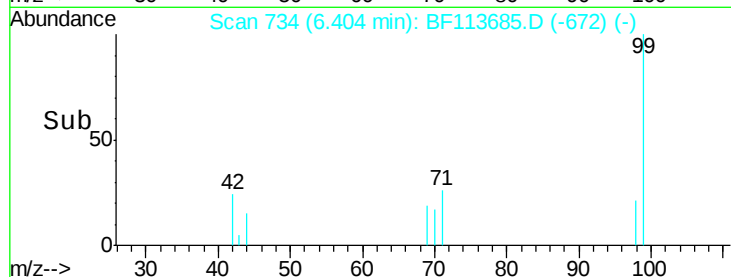
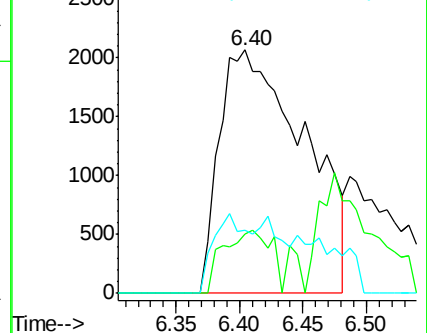
71 26.1 24.9 37.3



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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113685.D

Acq: 10 Apr 2019 5:07

Tgt Ion: 136 Resp: 390546

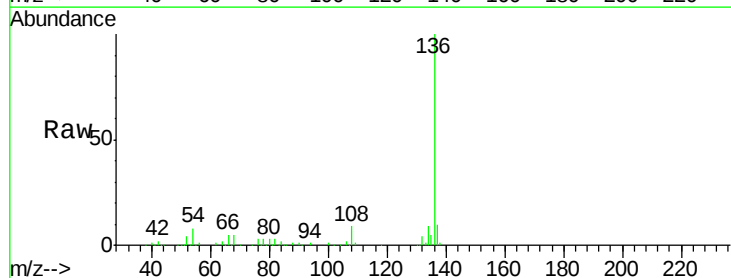
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.5 7.0 10.6

68 5.5 4.8 7.2

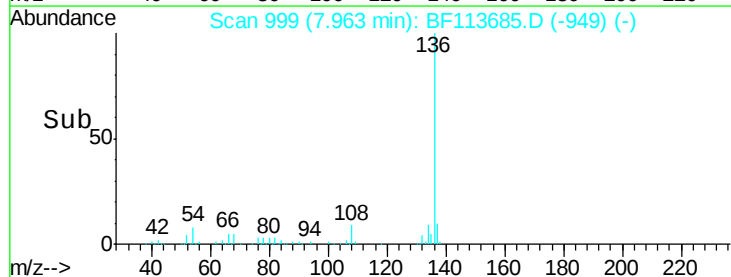
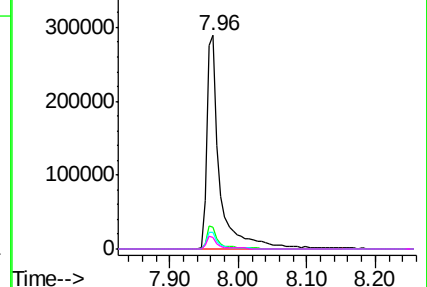


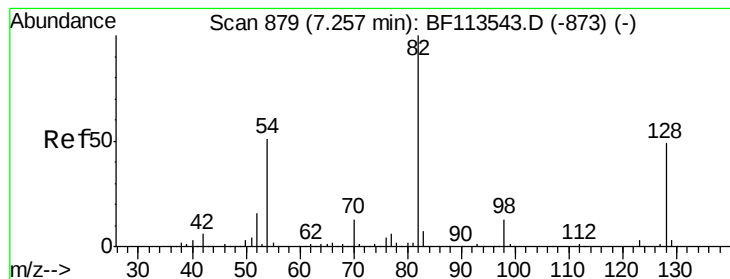
Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.276 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF113685.D

Acq: 10 Apr 2019 5:07

Instrument :

BNA_F

ClientSampleId :

T1-604

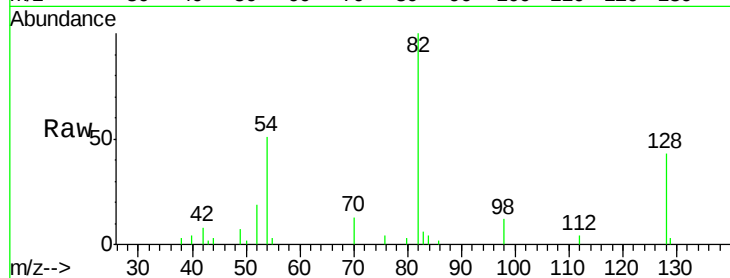
Tgt Ion: 82 Resp: 41843

Ion Ratio Lower Upper

82 100

128 43.0 36.5 54.7

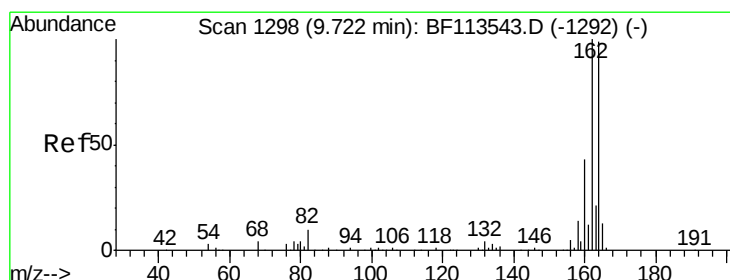
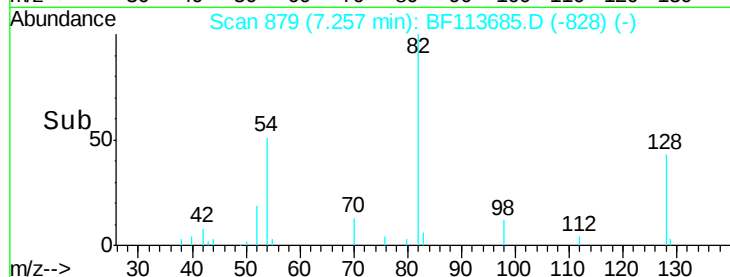
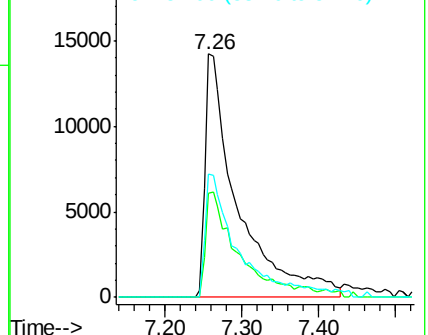
54 50.8 42.2 63.2



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: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113685.D

Acq: 10 Apr 2019 5:07

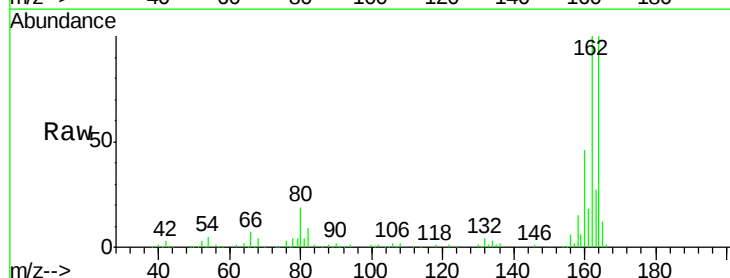
Tgt Ion: 164 Resp: 179839

Ion Ratio Lower Upper

164 100

162 100.2 81.8 122.6

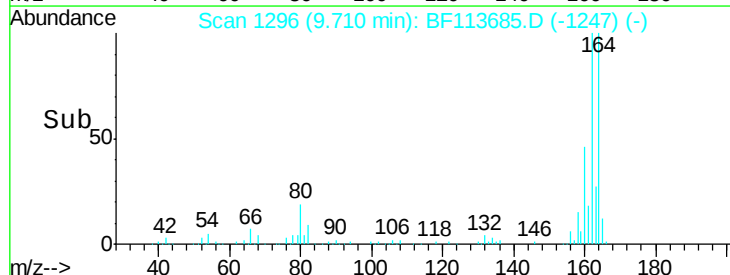
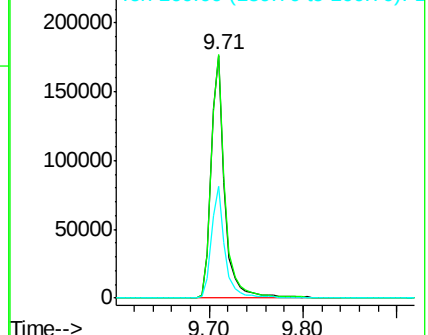
160 46.0 36.4 54.6

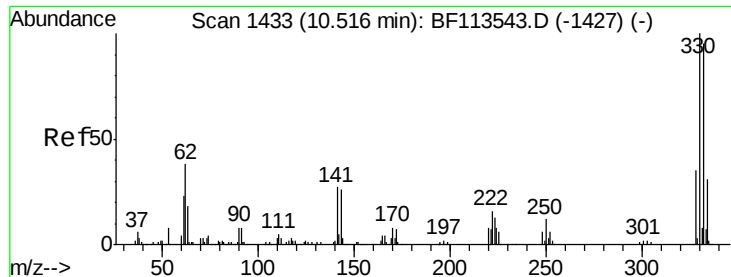


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

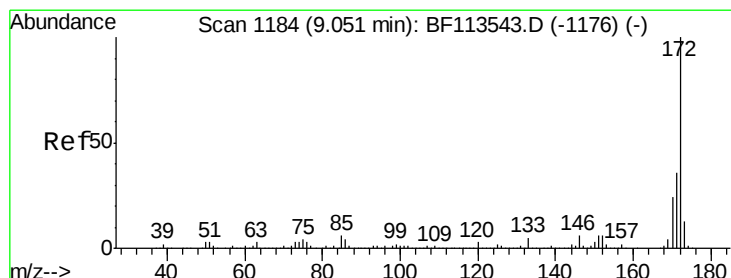
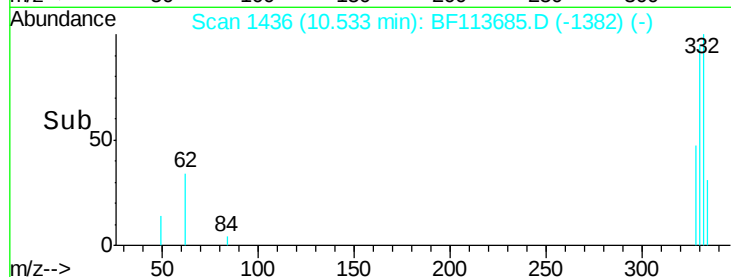
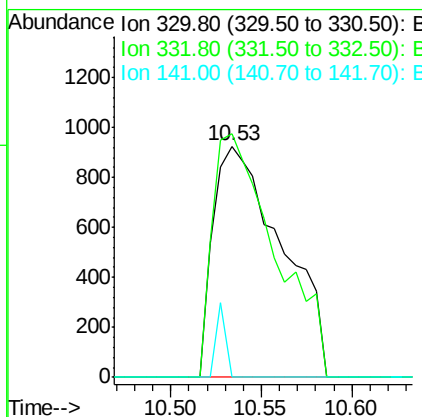
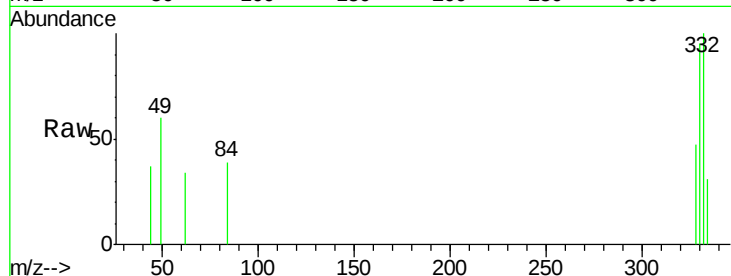




#42
 2,4,6-Tribromophenol
 Concen: 1.127 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.02 min
 Lab File: BF113685.D
 Acq: 10 Apr 2019 5:07

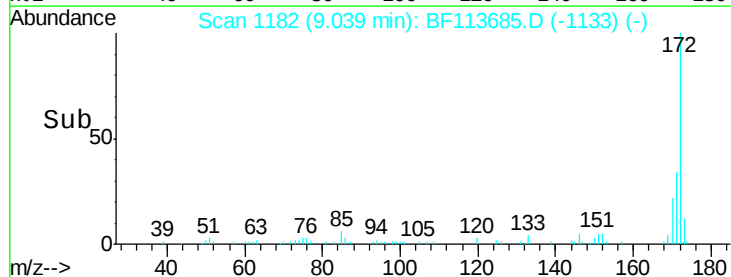
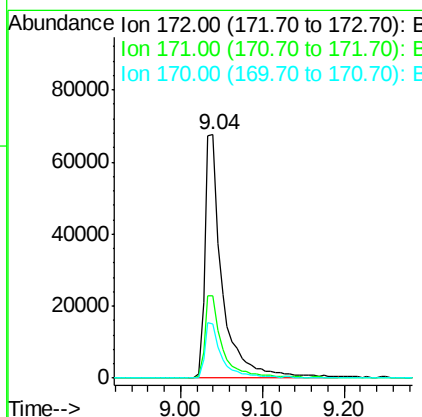
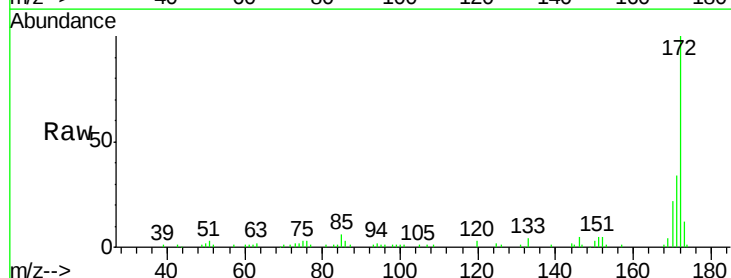
Instrument :
 BNA_F
 ClientSampleId :
 T1-604

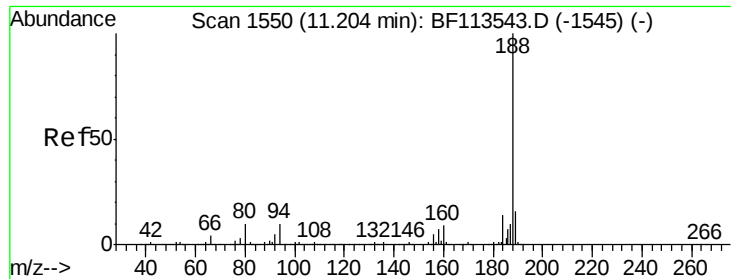
Tgt Ion: 330 Resp: 2435
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.8 116.6
 141 4.4 22.7 34.1#



#45
 2-Fluorobiphenyl
 Concen: 9.019 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113685.D
 Acq: 10 Apr 2019 5:07

Tgt Ion: 172 Resp: 100748
 Ion Ratio Lower Upper
 172 100
 171 33.8 29.0 43.6
 170 22.2 19.5 29.3

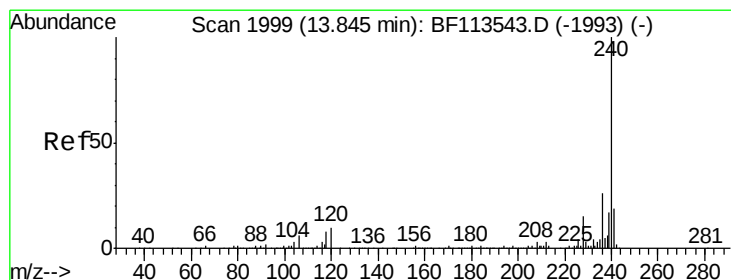
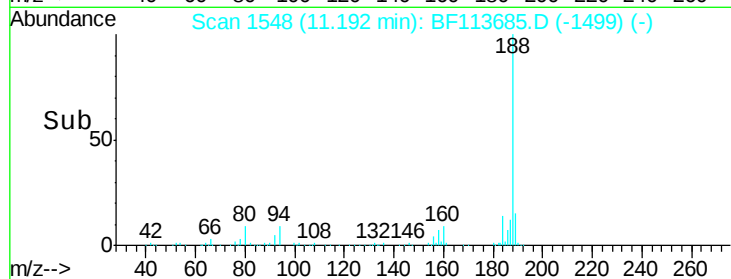
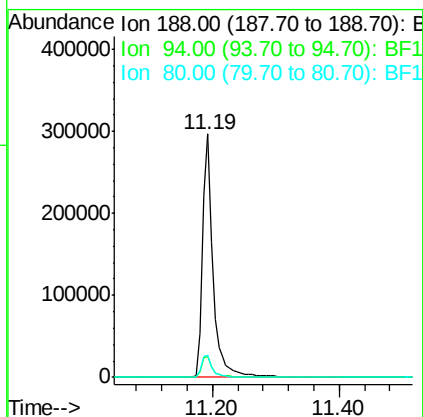
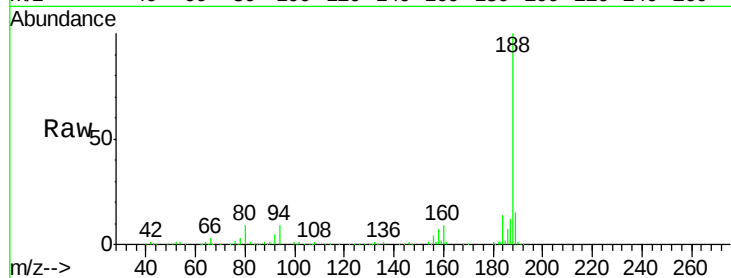




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113685.D
Acq: 10 Apr 2019 5:07

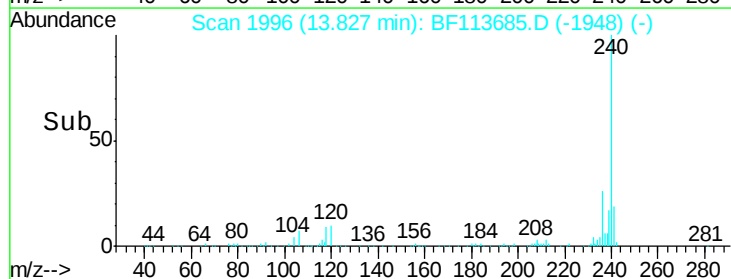
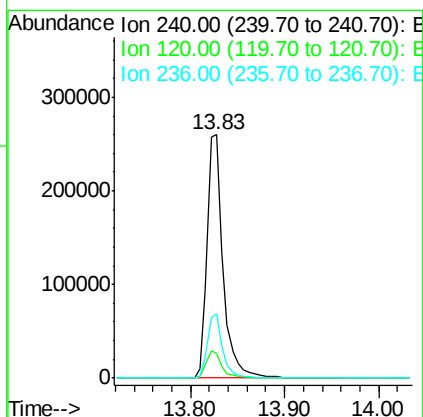
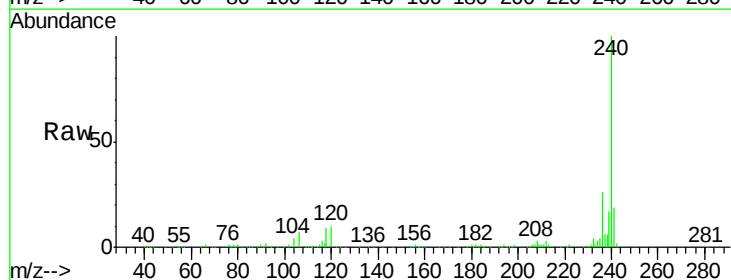
Instrument :
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ClientSampleId :
T1-604

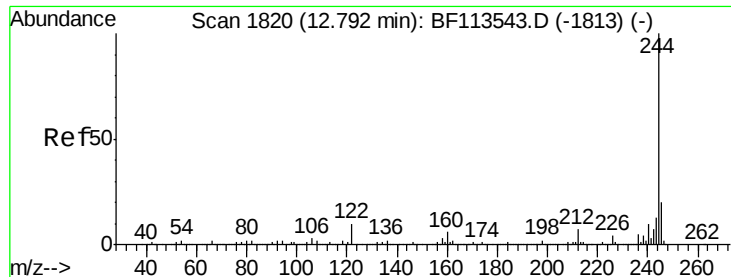
Tgt Ion:188 Resp: 334343
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.1 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113685.D
Acq: 10 Apr 2019 5:07

Tgt Ion:240 Resp: 313707
Ion Ratio Lower Upper
240 100
120 10.1 8.8 13.2
236 26.5 20.9 31.3

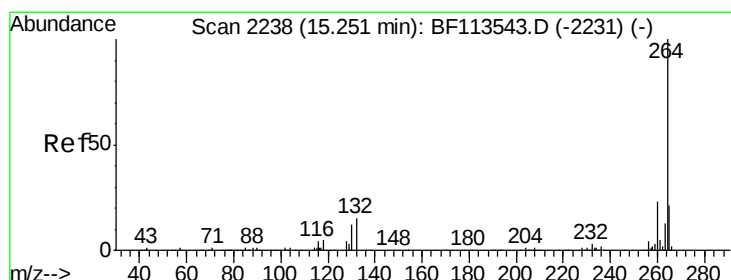
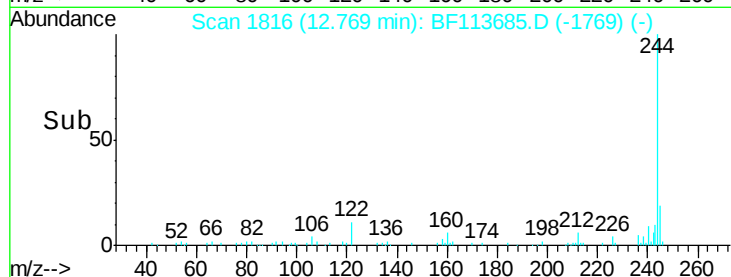
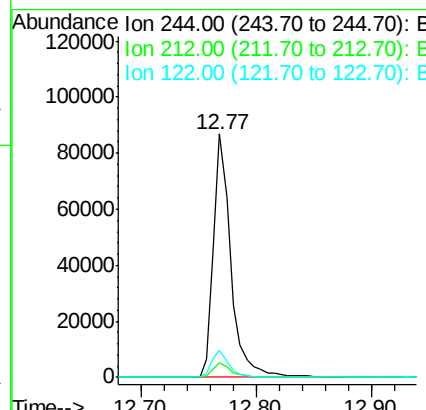
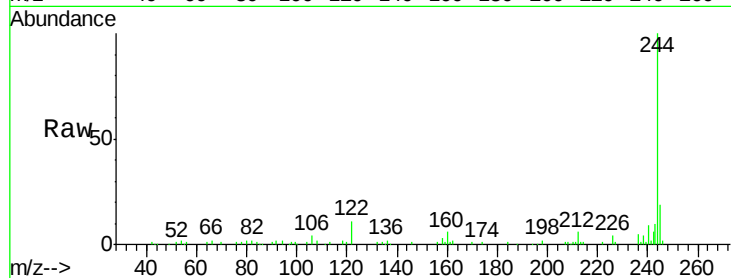




#79
 Terphenyl-d14
 Concen: 5.921 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF113685.D
 Acq: 10 Apr 2019 5:07

Instrument :
 BNA_F
 ClientSampleId :
 T1-604

Tgt Ion: 244 Resp: 91231
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.5 8.3
 122 11.0 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF113685.D
 Acq: 10 Apr 2019 5:07

Tgt Ion: 264 Resp: 313366
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.3 17.1 25.7

