

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113202.D
 Acq On : 21 Mar 2019 12:15
 Operator : JU/SJ
 Sample : K1688-29 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-E

Quant Time: Mar 22 00:41:57 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

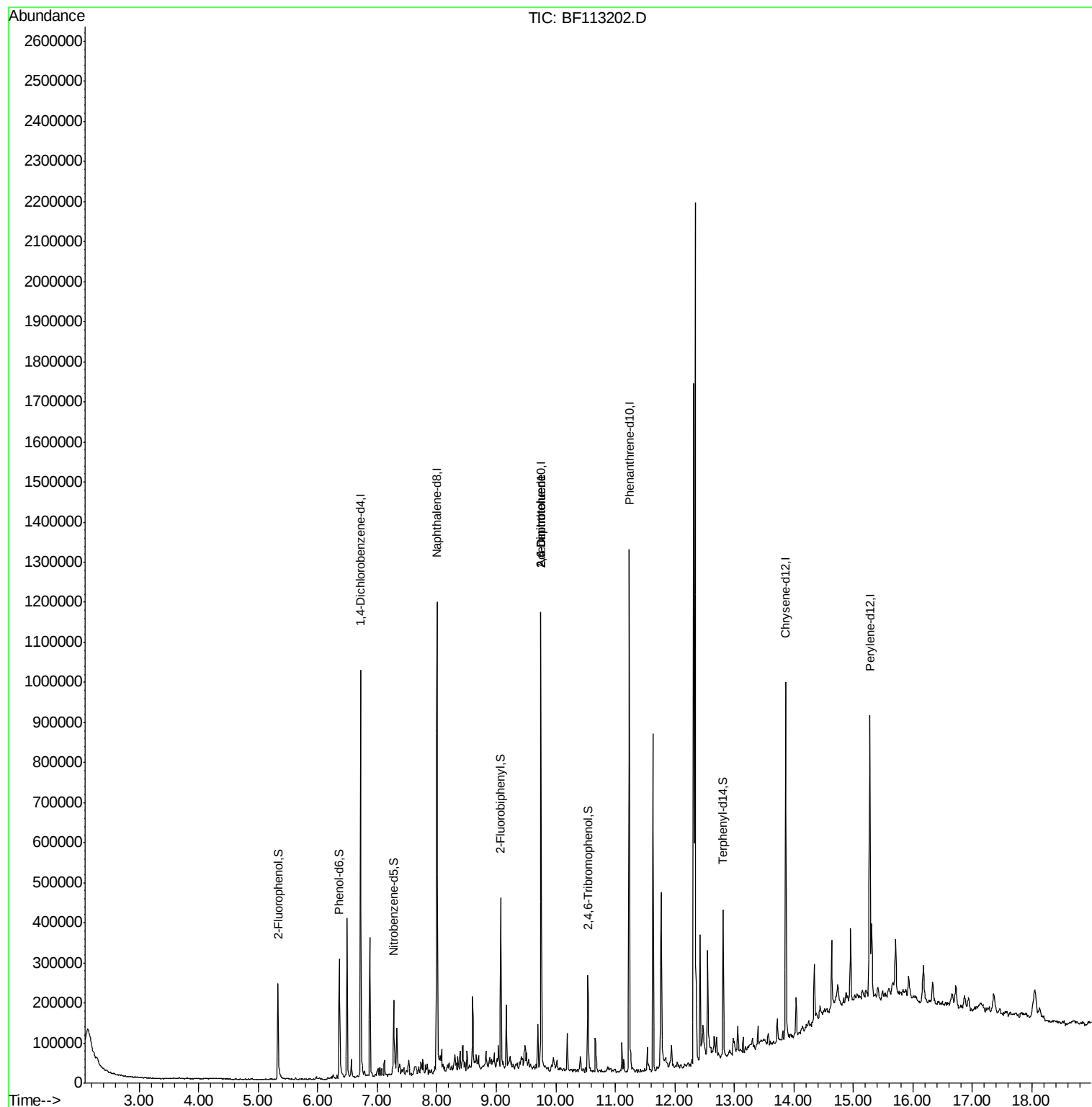
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	154851	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	463365	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	243789	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	468869	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	313793	20.00	ng	0.00
87) Perylene-d12	15.27	264	339584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	87678	8.81	ng	-0.01
7) Phenol-d6	6.36	99	129677	10.37	ng	-0.01
23) Nitrobenzene-d5	7.28	82	74366	9.60	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	33774	13.05	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	139482	6.32	ng	-0.02
79) Terphenyl-d14	12.81	244	126705	7.83	ng	-0.01
Target Compounds						
51) 2,6-Dinitrotoluene	9.75	165	32623	8.715	ng	# 19
57) 2,4-Dinitrotoluene	9.75	165	32617	7.010	ng	# 18

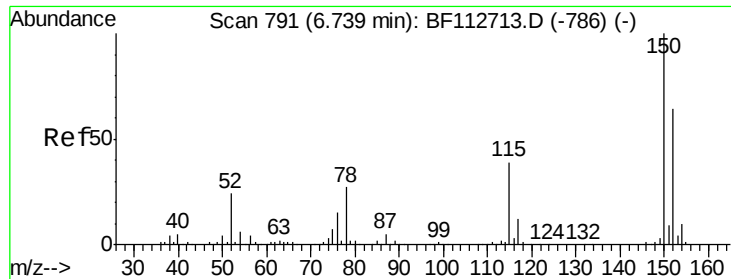
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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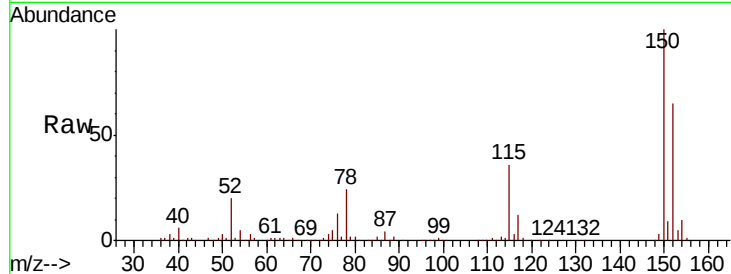


#1

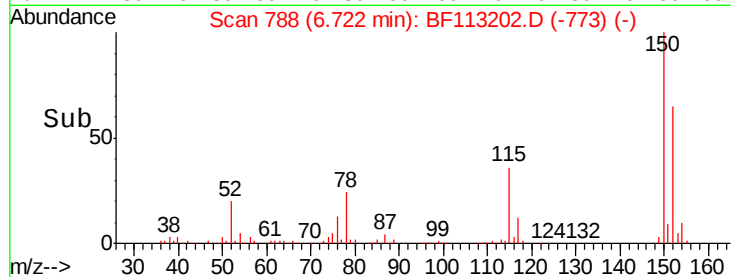
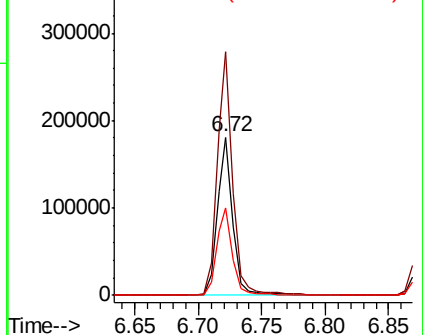
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113202.D
Acq: 21 Mar 2019 12:15

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-E

Tgt Ion:152 Resp: 154851
Ion Ratio Lower Upper
152 100
150 154.1 124.2 186.2
115 55.6 48.2 72.4



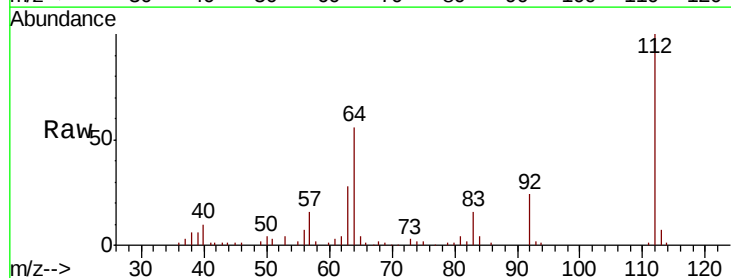
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



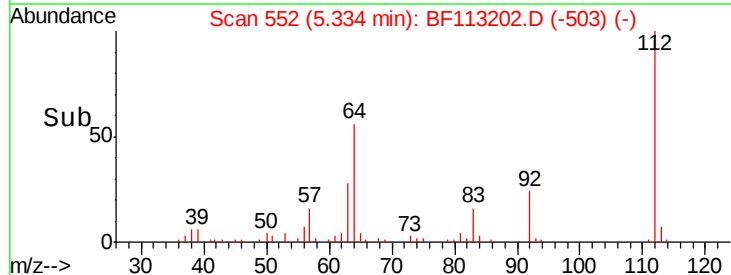
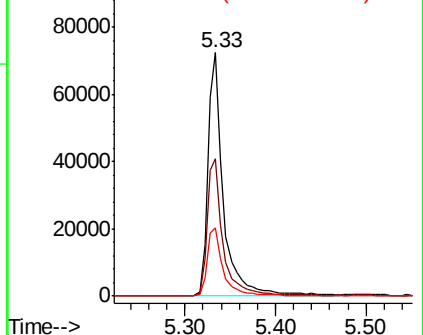
#5

2-Fluorophenol
Concen: 8.808 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113202.D
Acq: 21 Mar 2019 12:15

Tgt Ion:112 Resp: 87678
Ion Ratio Lower Upper
112 100
64 56.4 47.6 71.4
63 28.3 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: 10.370 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113202.D

Acq: 21 Mar 2019 12:15

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-E

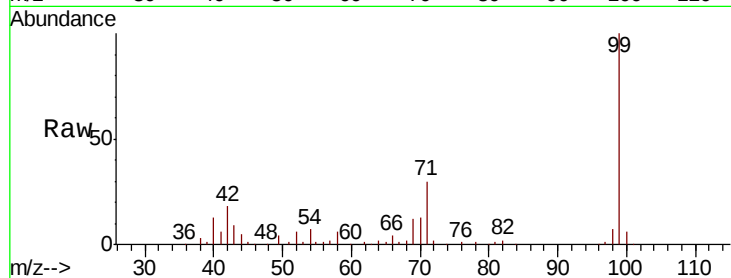
Tgt Ion: 99 Resp: 129677

Ion Ratio Lower Upper

99 100

42 17.6 16.3 24.5

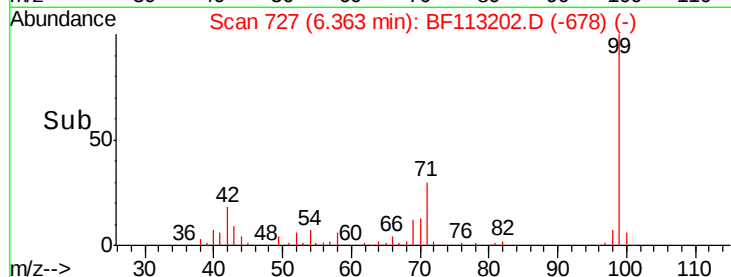
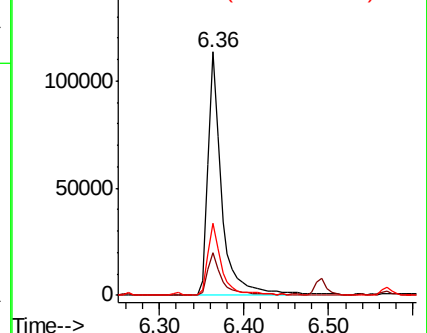
71 29.5 26.2 39.4



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: BF113202.D

Acq: 21 Mar 2019 12:15

Tgt Ion: 136 Resp: 463365

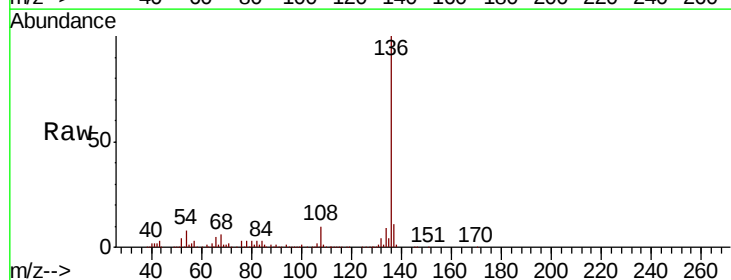
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.0 7.3 10.9

68 5.7 5.4 8.2

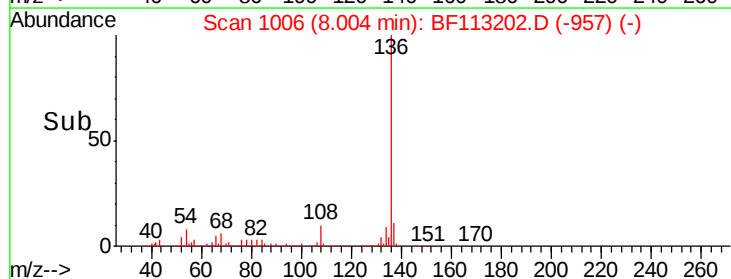
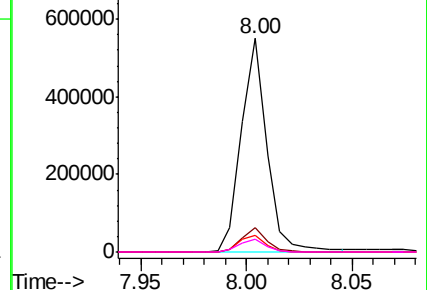


Abundance Ion 136.00 (135.70 to 136.70): E

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

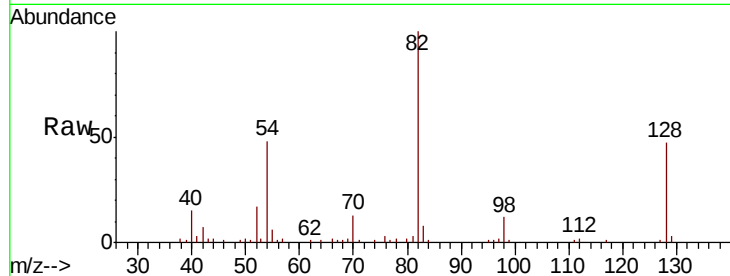




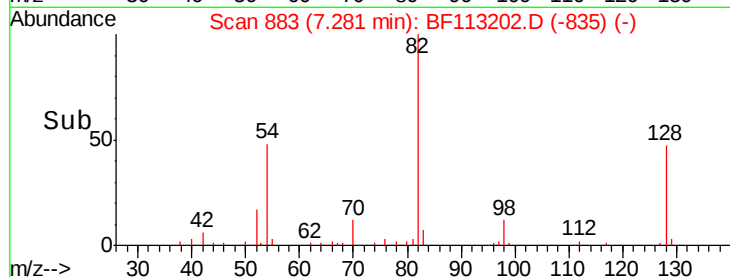
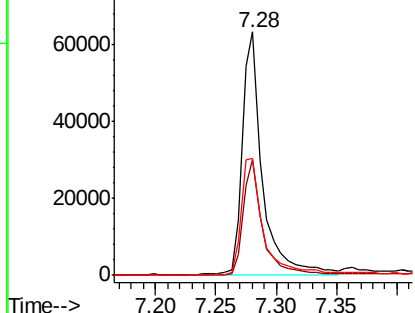
#23
 Nitrobenzene-d5
 Concen: 9.603 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF113202.D
 Acq: 21 Mar 2019 12:15

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-E

Tgt Ion: 82 Resp: 74366
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.3 54.5
 54 48.1 43.7 65.5

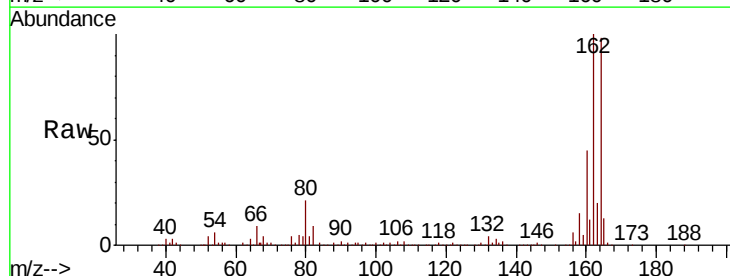


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

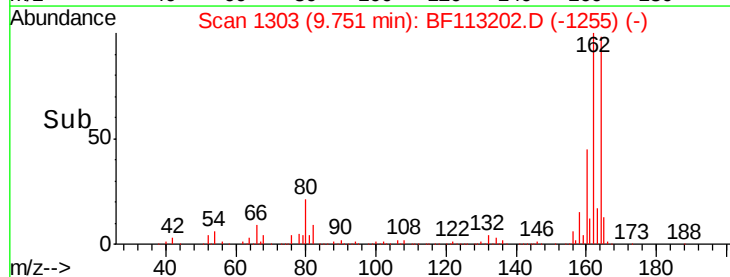
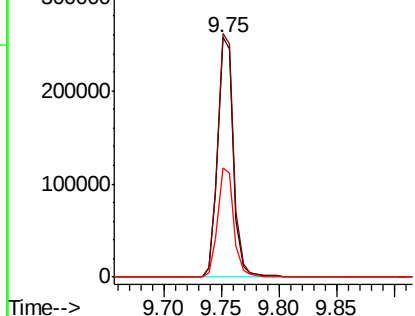


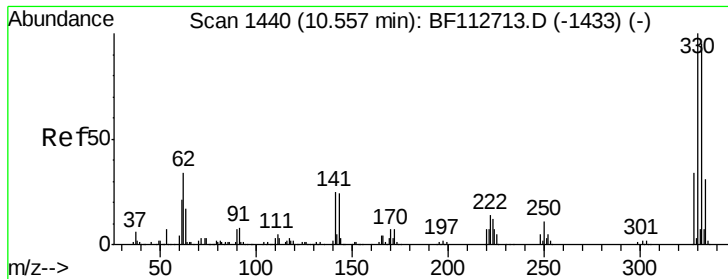
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF113202.D
 Acq: 21 Mar 2019 12:15

Tgt Ion: 164 Resp: 243789
 Ion Ratio Lower Upper
 164 100
 162 101.6 80.6 120.8
 160 45.6 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

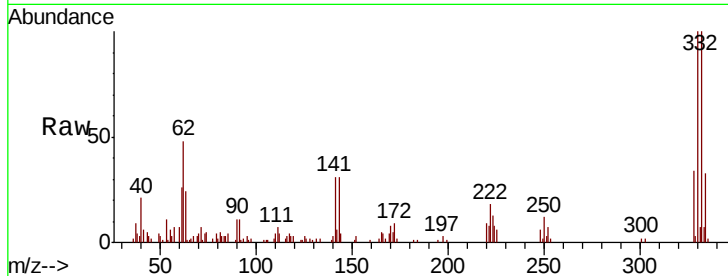




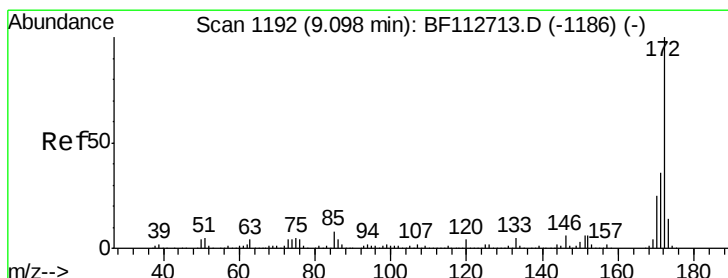
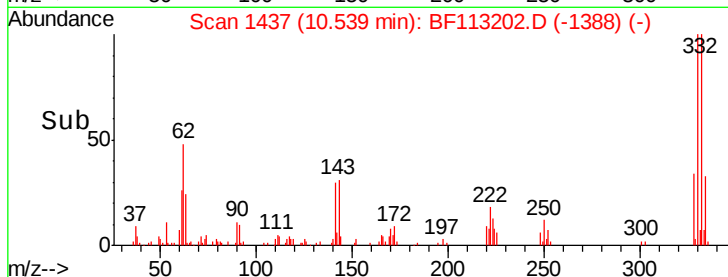
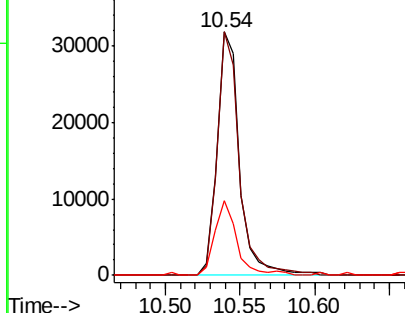
#42
 2,4,6-Tribromophenol
 Concen: 13.050 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113202.D
 Acq: 21 Mar 2019 12:15

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-E

Tgt Ion:330 Resp: 33774
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.2 114.4
 141 29.8 27.0 40.6

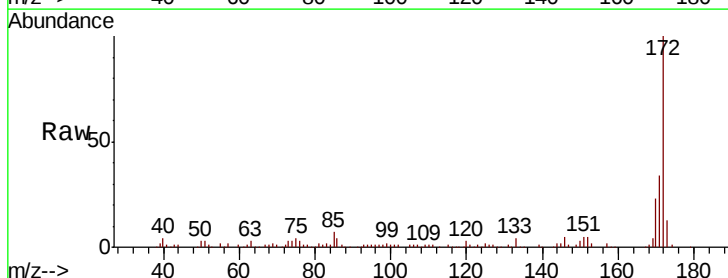


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

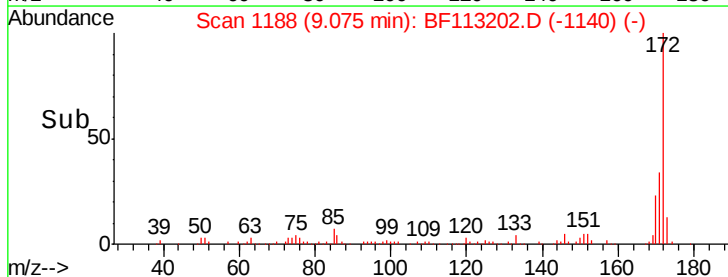
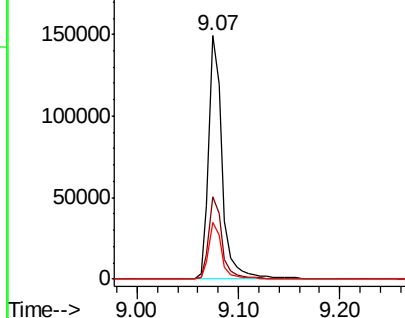


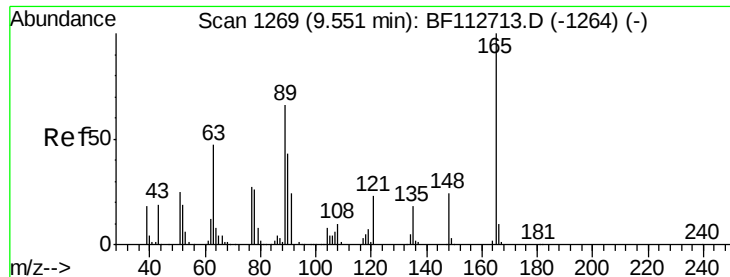
#45
 2-Fluorobiphenyl
 Concen: 6.324 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF113202.D
 Acq: 21 Mar 2019 12:15

Tgt Ion:172 Resp: 139482
 Ion Ratio Lower Upper
 172 100
 171 33.9 29.0 43.4
 170 23.1 20.0 30.0



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

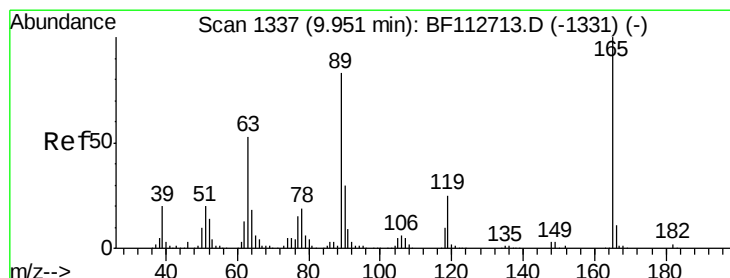
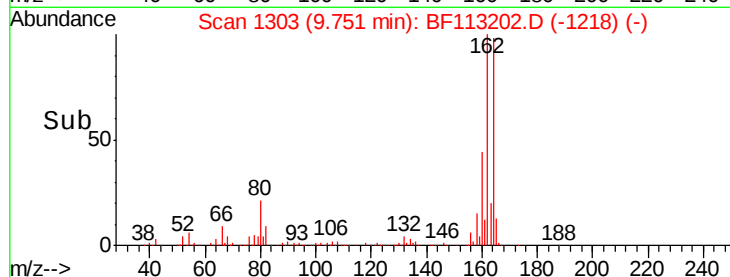
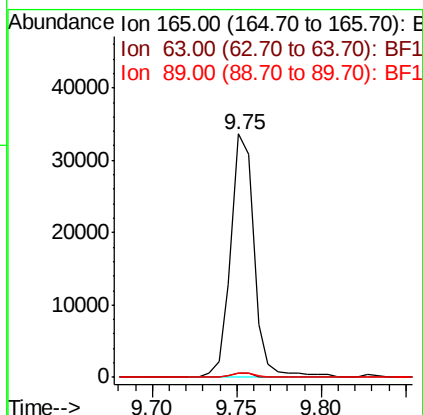
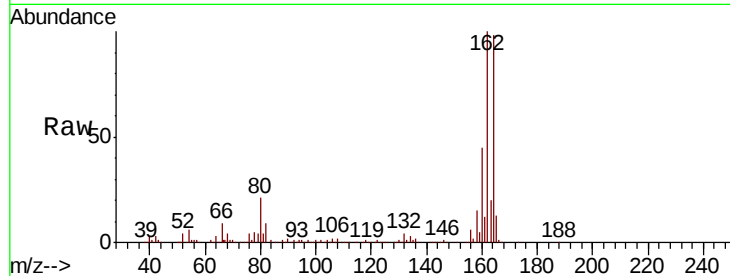




#51
 2,6-Dinitrotoluene
 Concen: 8.715 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.20 min
 Lab File: BF113202.D
 Acq: 21 Mar 2019 12:15

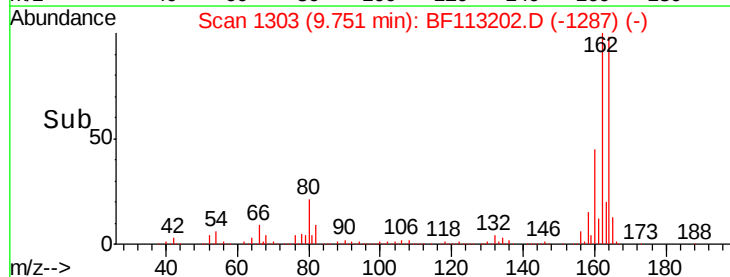
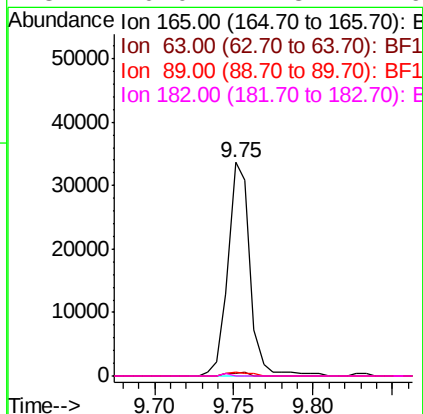
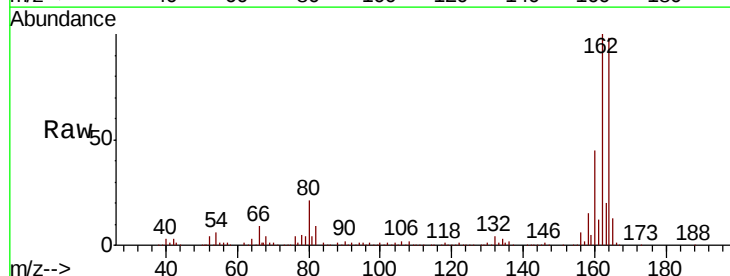
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-E

Tgt Ion:165 Resp: 32623
 Ion Ratio Lower Upper
 165 100
 63 1.5 54.1 81.1#
 89 1.7 52.8 79.2#



#57
 2,4-Dinitrotoluene
 Concen: 7.010 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF113202.D
 Acq: 21 Mar 2019 12:15

Tgt Ion:165 Resp: 32617
 Ion Ratio Lower Upper
 165 100
 63 1.5 42.2 63.2#
 89 1.7 66.2 99.4#
 182 0.0 1.8 2.6#

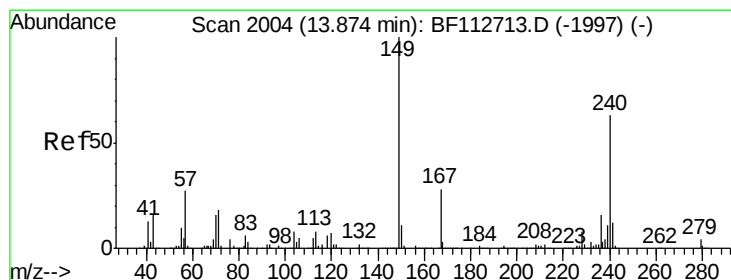
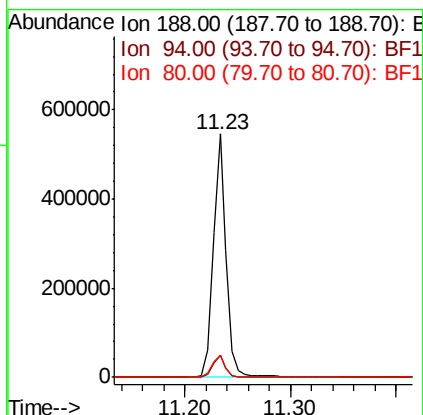
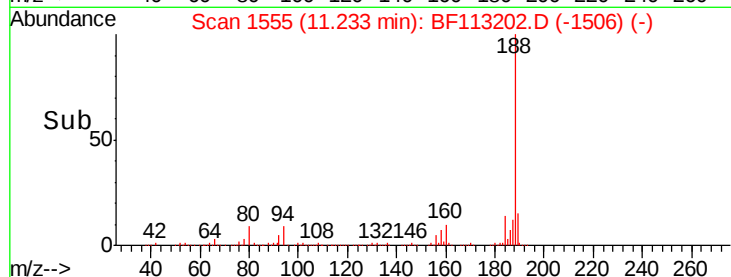
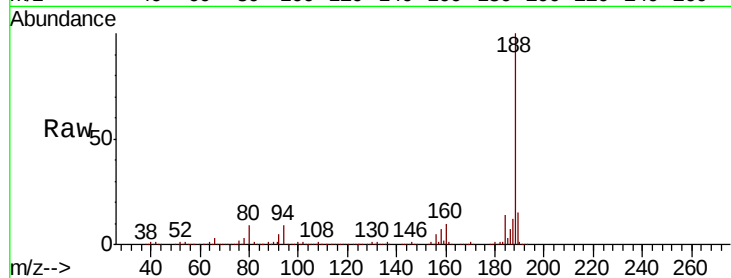




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113202.D
Acq: 21 Mar 2019 12:15

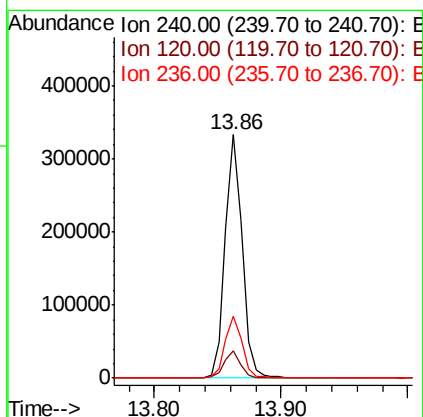
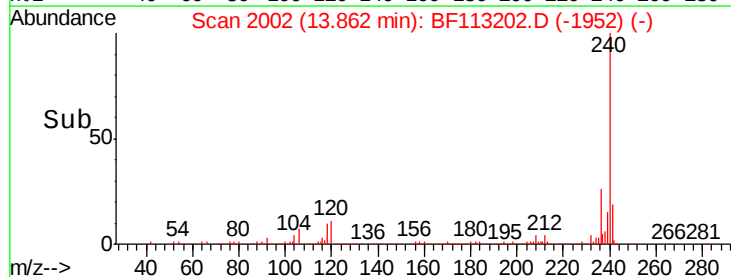
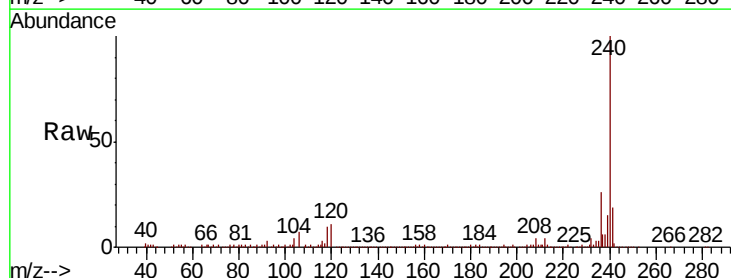
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ClientSampleId :
JC-02-031919-E

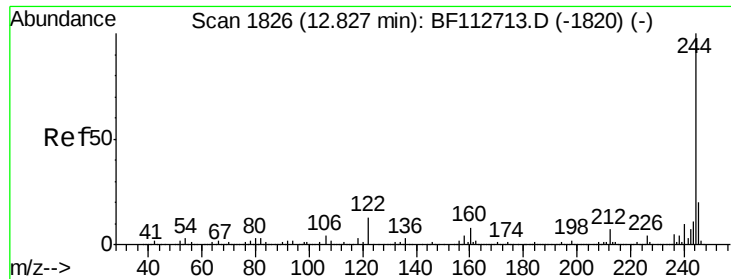
Tgt Ion:188 Resp: 468869
Ion Ratio Lower Upper
188 100
94 9.1 9.0 13.4
80 9.1 9.2 13.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113202.D
Acq: 21 Mar 2019 12:15

Tgt Ion:240 Resp: 313793
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.6 20.7 31.1

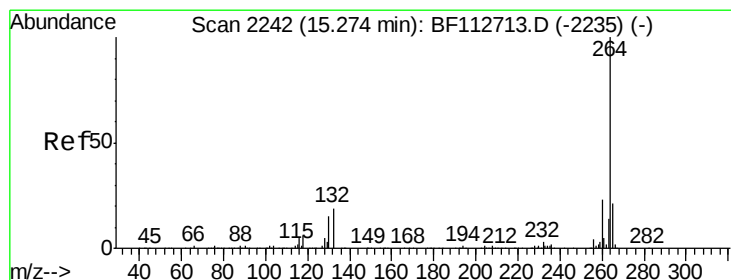
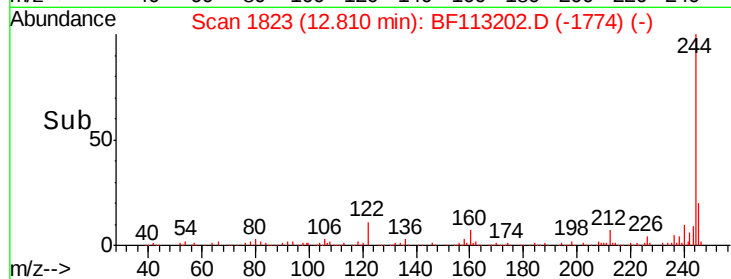
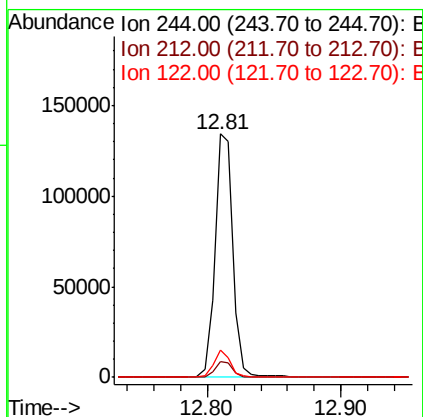
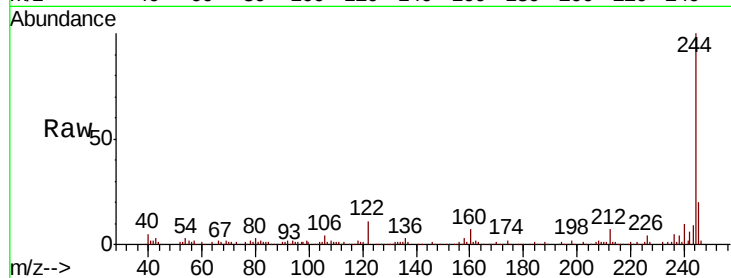




#79
 Terphenyl-d14
 Concen: 7.827 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF113202.D
 Acq: 21 Mar 2019 12:15

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-E

Tgt Ion: 244 Resp: 126705
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 11.1 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: BF113202.D
 Acq: 21 Mar 2019 12:15

Tgt Ion: 264 Resp: 339584
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 22.2 17.2 25.8

