

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113203.D
 Acq On : 21 Mar 2019 12:43
 Operator : JU/SJ
 Sample : K1688-31 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 22 00:42:05 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

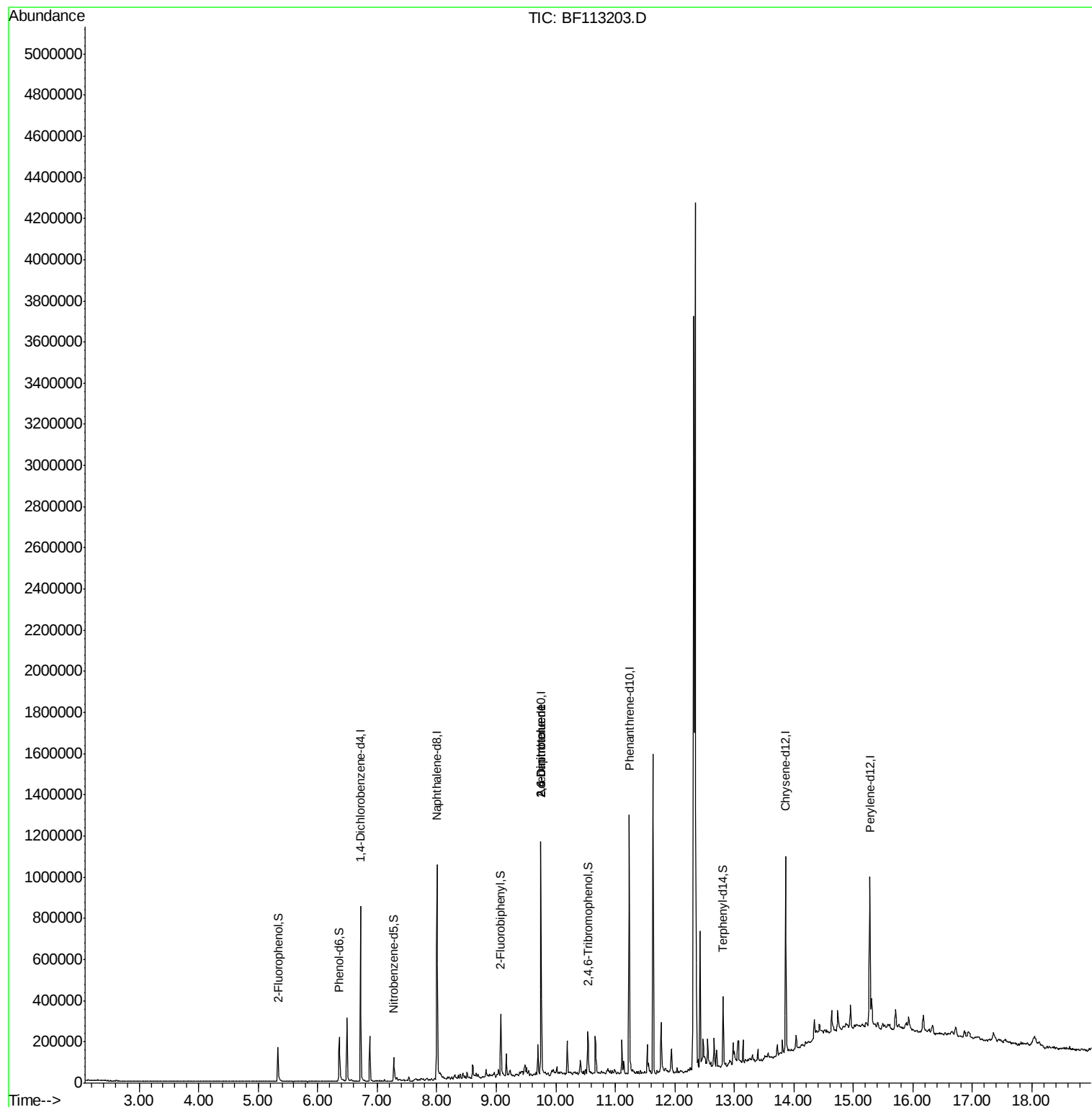
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	135067	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	489858	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	245880	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	482112	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	330993	20.00	ng	0.00
87) Perylene-d12	15.27	264	339004	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	64490	7.43	ng	-0.01
7) Phenol-d6	6.36	99	99215	9.10	ng	-0.01
23) Nitrobenzene-d5	7.28	82	48002	5.86	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	29543	11.32	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	120055	5.15	ng	-0.02
79) Terphenyl-d14	12.81	244	115157	6.74	ng	-0.01
Target Compounds						
51) 2,6-Dinitrotoluene	9.75	165	31885	8.445	ng	# 18
57) 2,4-Dinitrotoluene	9.75	165	31885	6.794	ng	# 18

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

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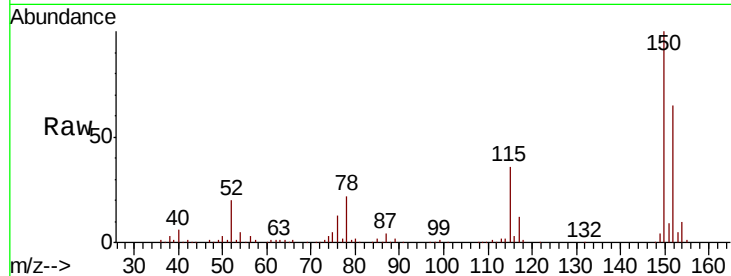


#1

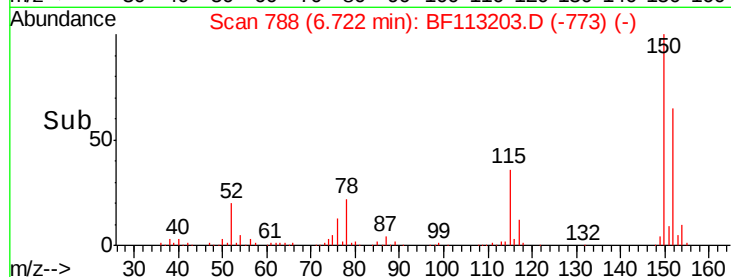
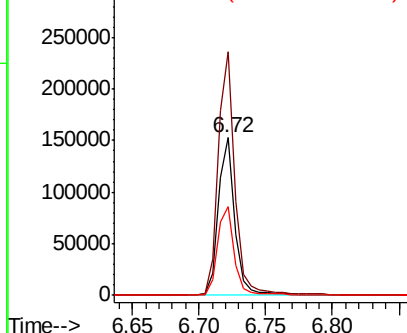
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113203.D
Acq: 21 Mar 2019 12:43

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

Tgt Ion:152 Resp: 135067
Ion Ratio Lower Upper
152 100
150 154.5 124.2 186.2
115 56.3 48.2 72.4



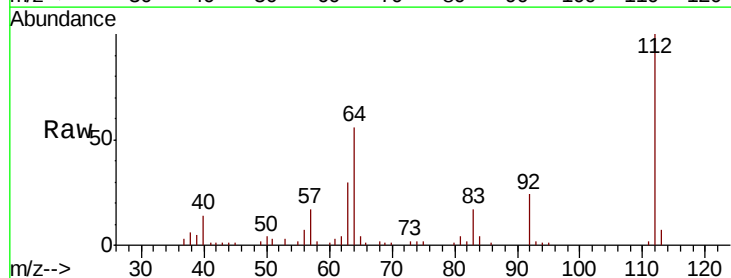
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



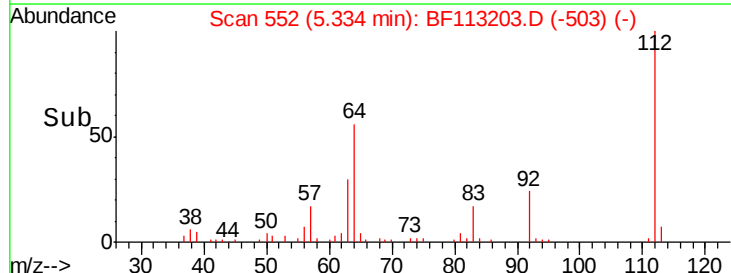
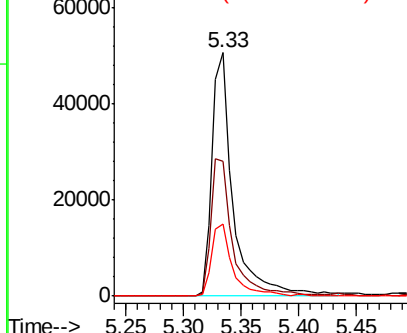
#5

2-Fluorophenol
Concen: 7.427 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113203.D
Acq: 21 Mar 2019 12:43

Tgt Ion:112 Resp: 64490
Ion Ratio Lower Upper
112 100
64 55.6 47.6 71.4
63 29.9 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: 9.096 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113203.D

Acq: 21 Mar 2019 12:43

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-F

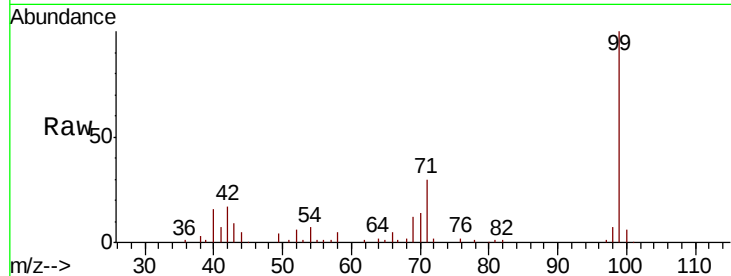
Tgt Ion: 99 Resp: 99215

Ion Ratio Lower Upper

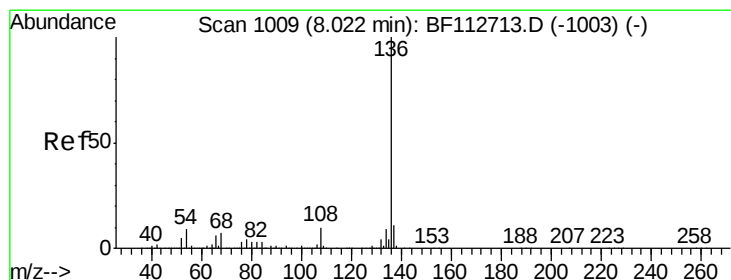
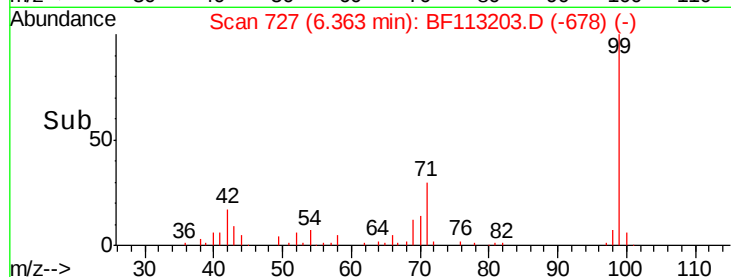
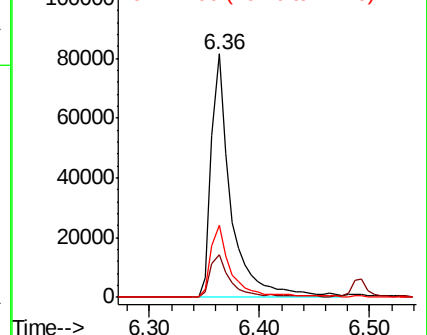
99 100

42 17.4 16.3 24.5

71 29.6 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: BF113203.D

Acq: 21 Mar 2019 12:43

Tgt Ion: 136 Resp: 489858

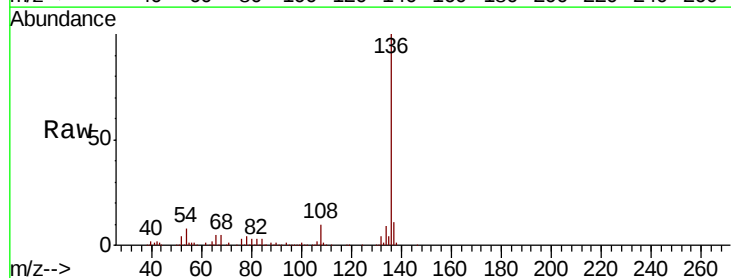
Ion Ratio Lower Upper

136 100

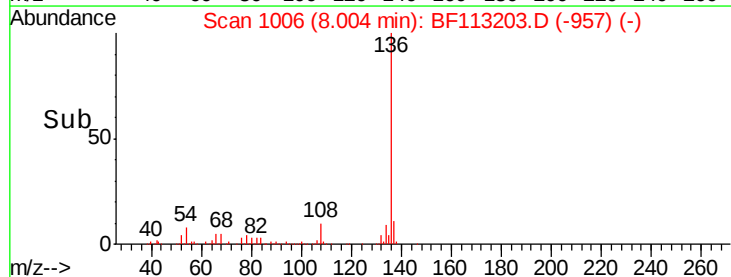
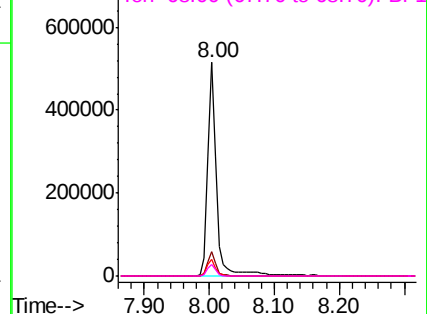
137 11.4 8.9 13.3

54 8.0 7.3 10.9

68 5.4 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

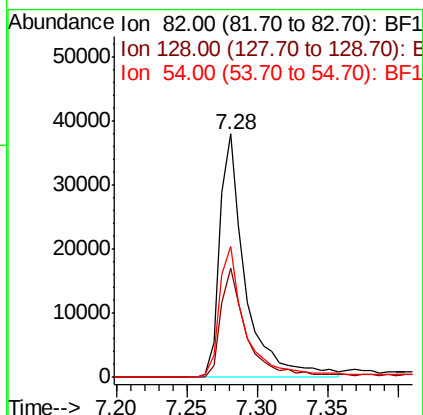
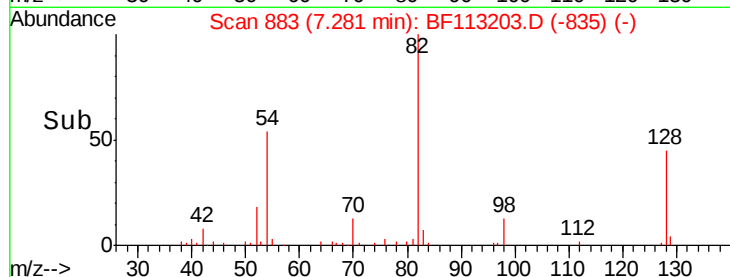
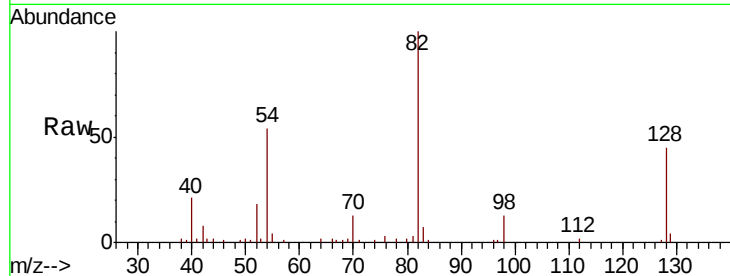




#23
 Nitrobenzene-d5
 Concen: 5.864 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF113203.D
 Acq: 21 Mar 2019 12:43

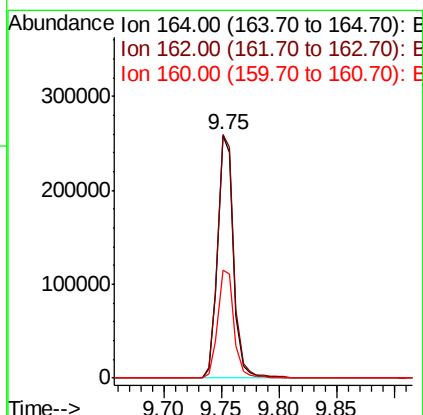
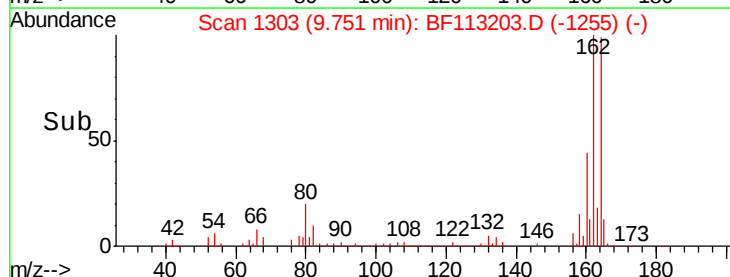
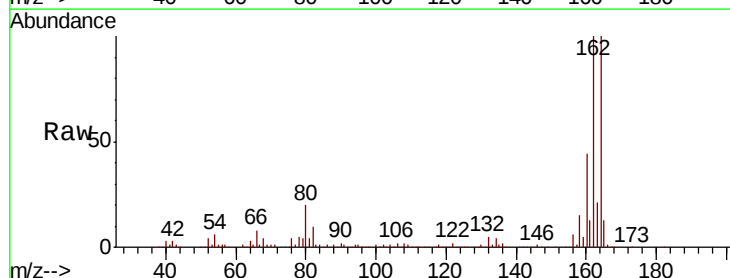
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-F

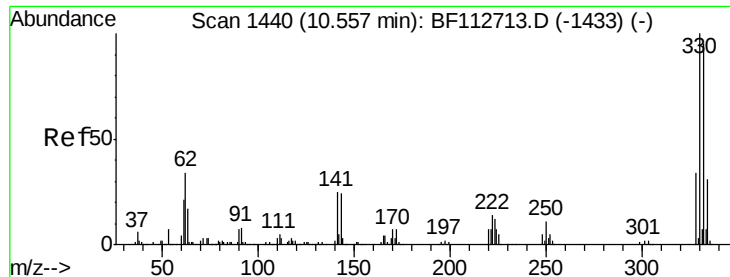
Tgt Ion: 82 Resp: 48002
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.3 54.5
 54 53.7 43.7 65.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF113203.D
 Acq: 21 Mar 2019 12:43

Tgt Ion: 164 Resp: 245880
 Ion Ratio Lower Upper
 164 100
 162 100.4 80.6 120.8
 160 44.5 36.0 54.0

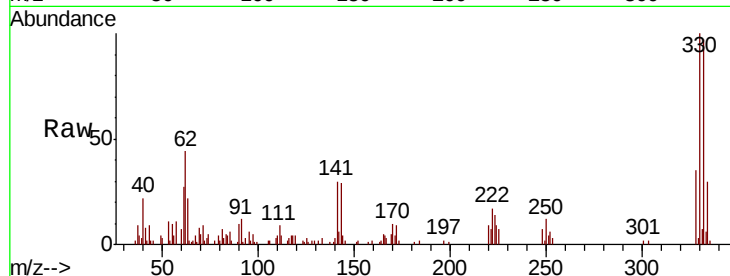




#42
 2,4,6-Tribromophenol
 Concen: 11.318 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113203.D
 Acq: 21 Mar 2019 12:43

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.2	114.4
141	36.5	27.0	40.6

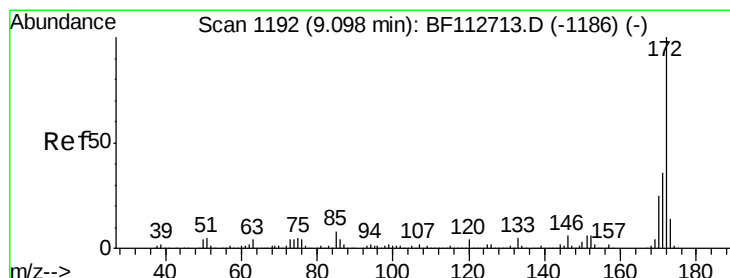
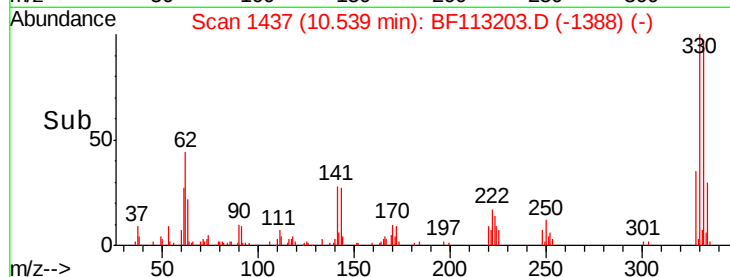
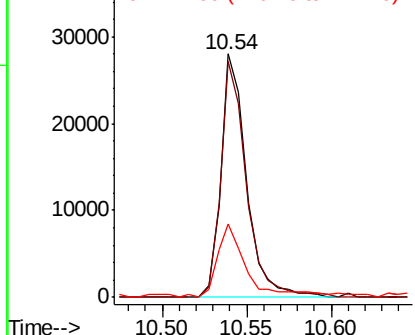


Abundance

Ion 329.80 (329.50 to 330.50): E

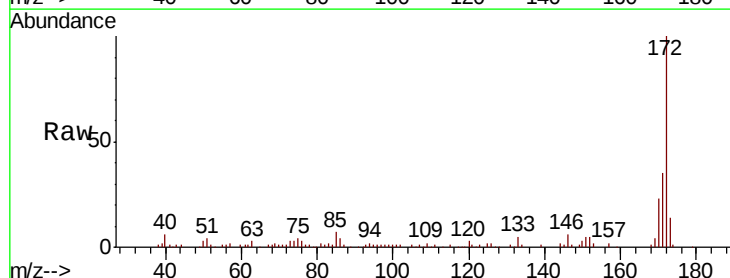
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 5.154 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF113203.D
 Acq: 21 Mar 2019 12:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.0	43.4
170	23.1	20.0	30.0

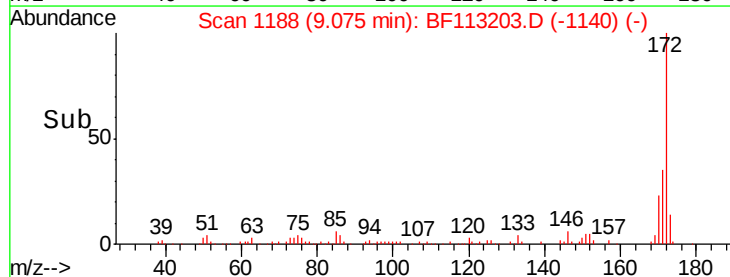
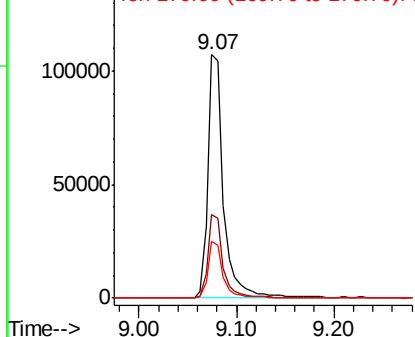


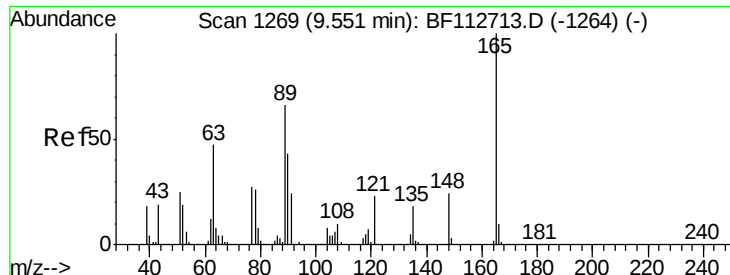
Abundance

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

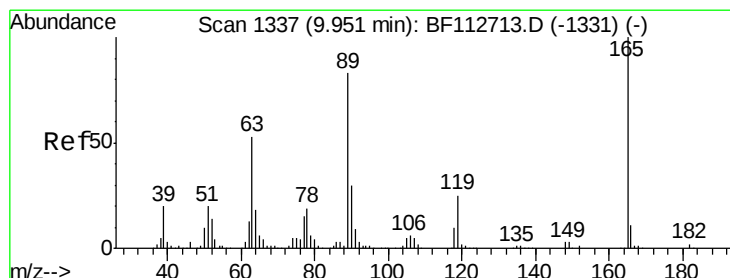
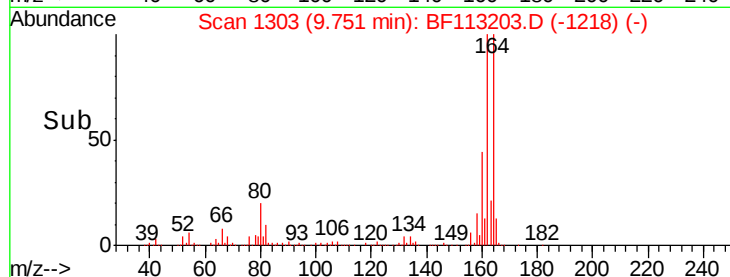
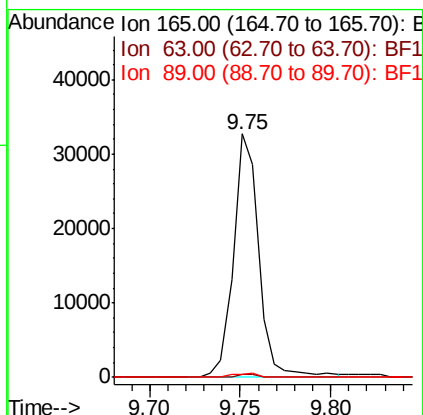
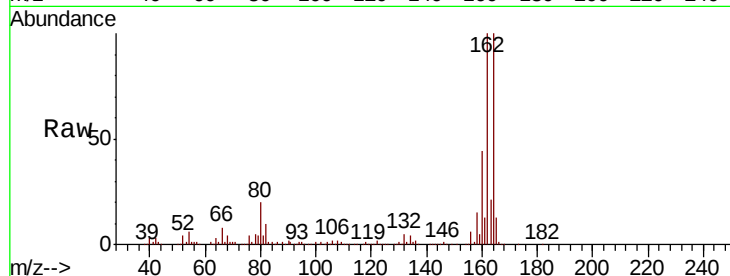




#51
 2,6-Dinitrotoluene
 Concen: 8.445 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.20 min
 Lab File: BF113203.D
 Acq: 21 Mar 2019 12:43

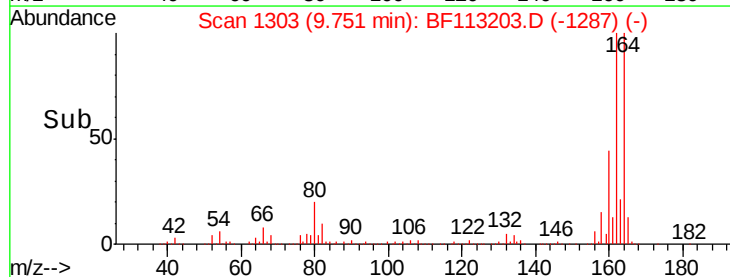
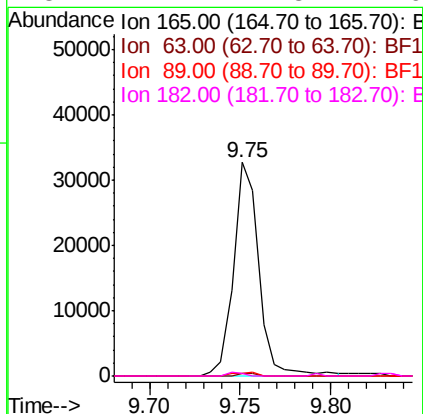
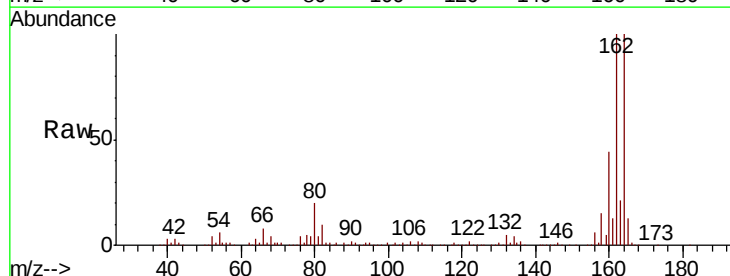
Instrument :
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 JC-02-031919-F

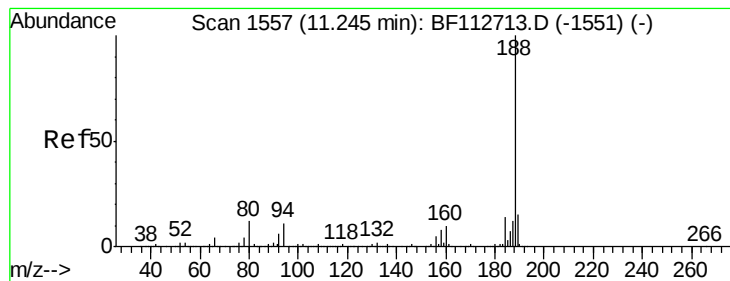
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	54.1	81.1#
89	1.3	52.8	79.2#



#57
 2,4-Dinitrotoluene
 Concen: 6.794 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF113203.D
 Acq: 21 Mar 2019 12:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.2	63.2#
89	1.3	66.2	99.4#
182	1.2	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: BF113203.D

Acq: 21 Mar 2019 12:43

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-F

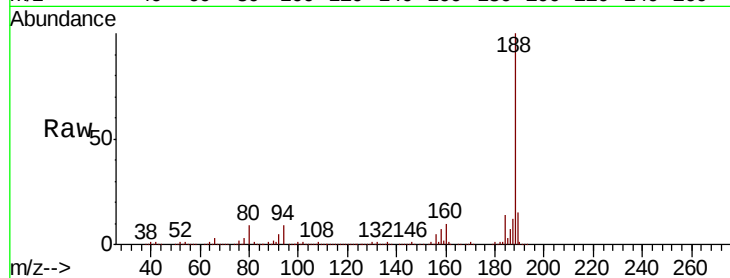
Tgt Ion:188 Resp: 482112

Ion Ratio Lower Upper

188 100

94 8.9 9.0 13.4#

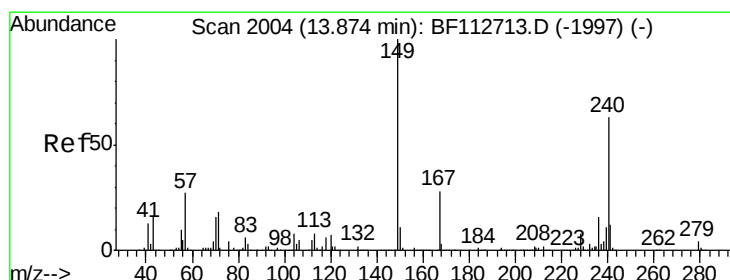
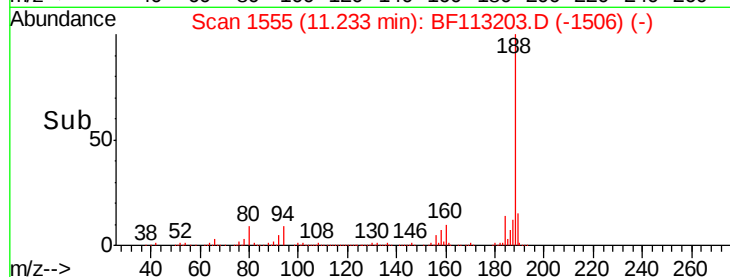
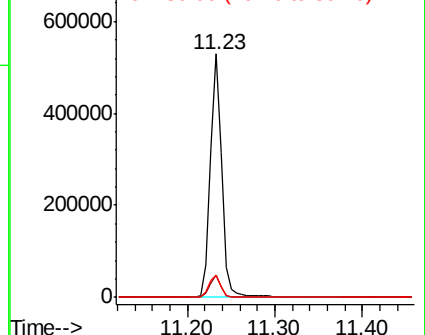
80 9.2 9.2 13.8#



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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113203.D

Acq: 21 Mar 2019 12:43

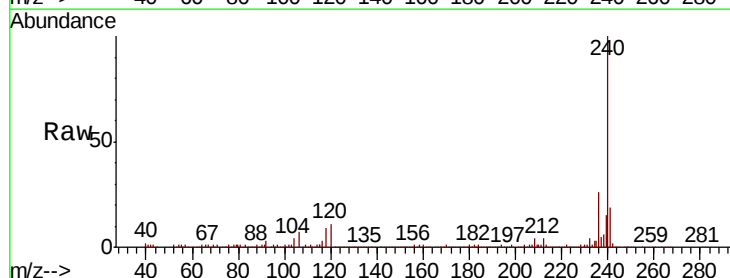
Tgt Ion:240 Resp: 330993

Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

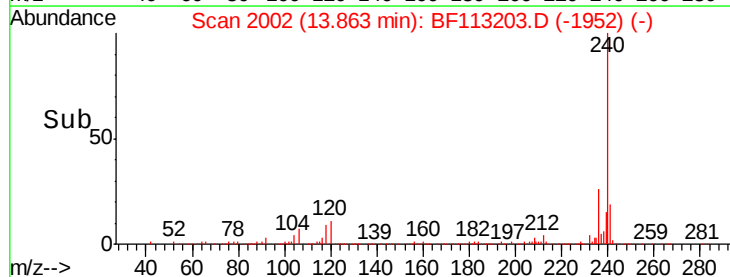
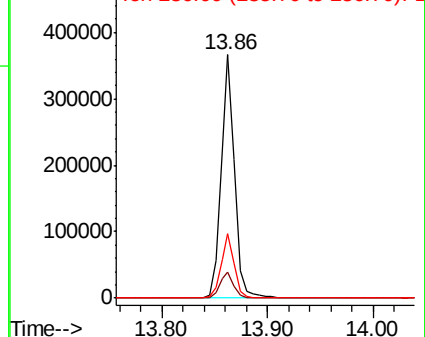
236 26.2 20.7 31.1

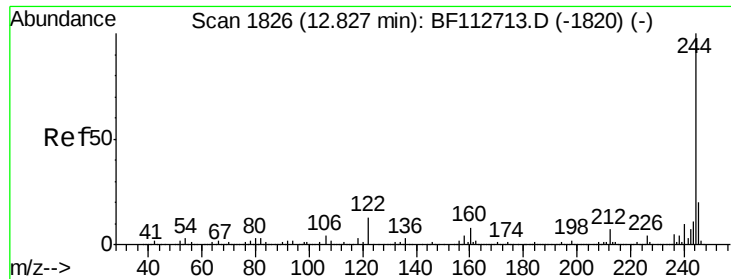


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

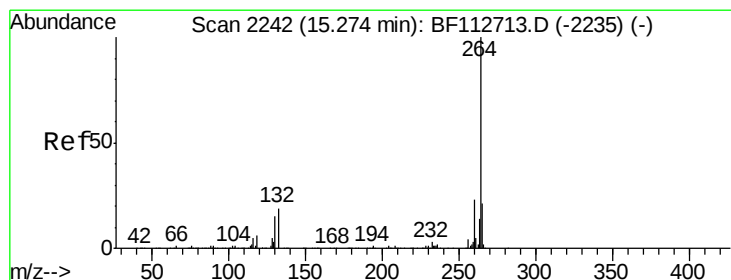
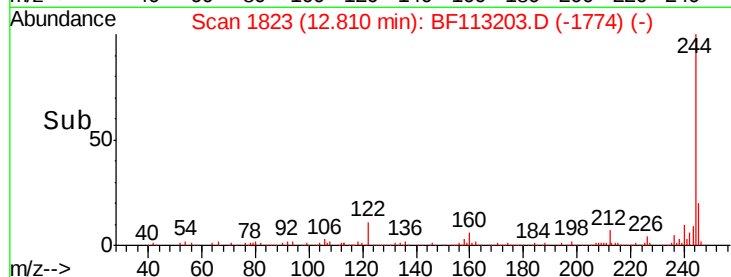
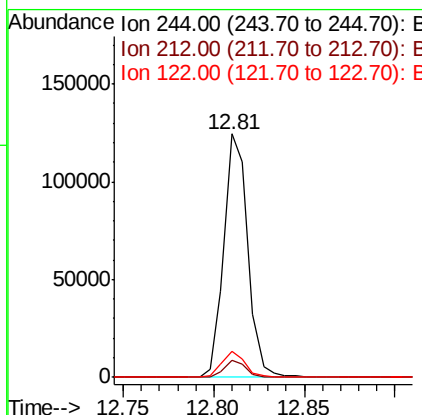
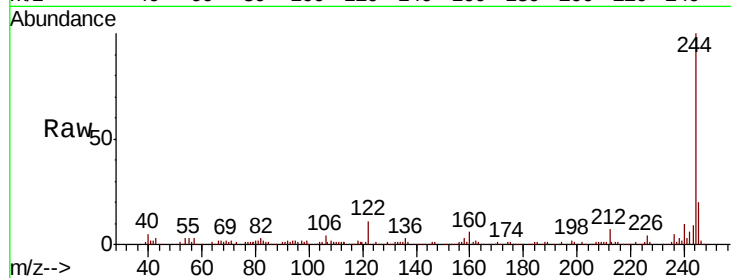




#79
 Terphenyl-d14
 Concen: 6.744 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF113203.D
 Acq: 21 Mar 2019 12:43

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

Tgt Ion: 244 Resp: 115157
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.9 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: BF113203.D
 Acq: 21 Mar 2019 12:43

Tgt Ion: 264 Resp: 339004
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.5 17.2 25.8

