

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
 Data File : BF113024.D
 Acq On : 13 Mar 2019 2:13
 Operator : JU/SJ
 Sample : K1834-21 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

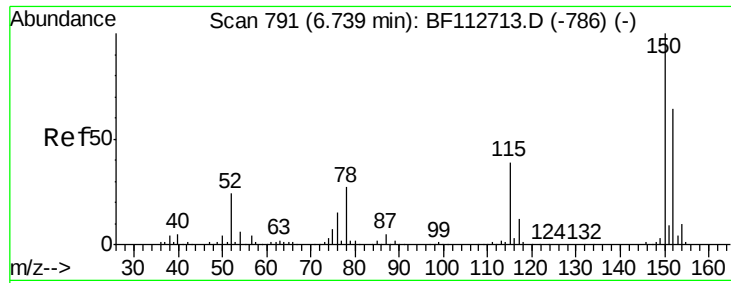
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1-AU

Quant Time: Mar 13 04:55:36 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	6.73	152	180280	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	701075	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	312427	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	537252	20.00	ng	0.00
76) Chrysene-d12	13.86	240	492269	20.00	ng	0.00
87) Perylene-d12	15.27	264	392140	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	81178	7.00	ng	-0.01
7) Phenol-d6	6.36	99	111574	7.66	ng	-0.01
23) Nitrobenzene-d5	7.29	82	57173	4.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	26462	7.98	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	141003	4.64	ng	0.00
79) Terphenyl-d14	12.82	244	132756	5.23	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.76	165	38792	8.086	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	38793	6.506	ng	# 17

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

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```

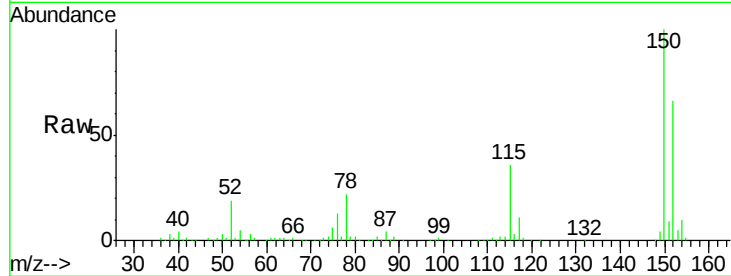


#1

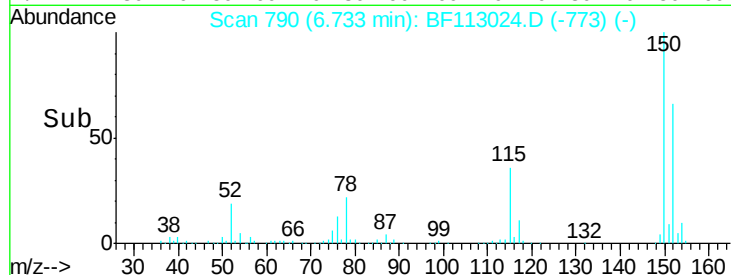
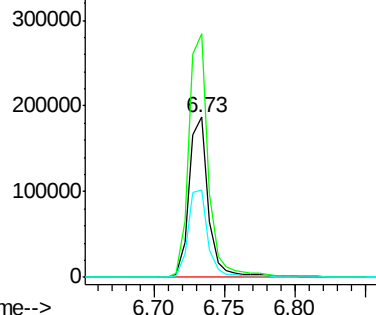
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF113024.D
Acq: 13 Mar 2019 2:13

Instrument :
BNA_F
ClientSampleId :
COMP-1-AU

Tgt Ion:152 Resp: 180280
Ion Ratio Lower Upper
152 100
150 152.2 124.2 186.2
115 54.7 48.2 72.4



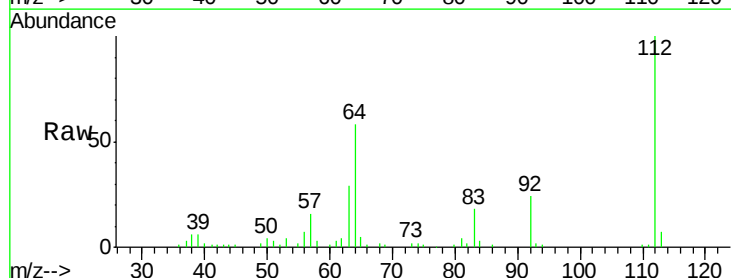
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



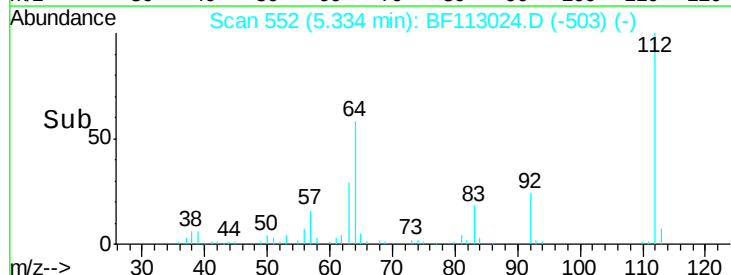
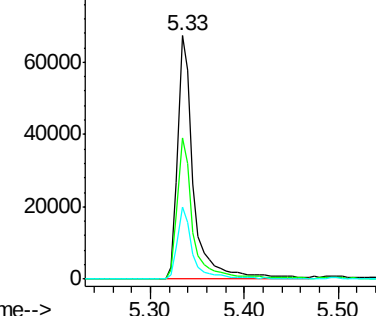
#5

2-Fluorophenol
Concen: 7.004 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113024.D
Acq: 13 Mar 2019 2:13

Tgt Ion:112 Resp: 81178
Ion Ratio Lower Upper
112 100
64 57.9 47.6 71.4
63 29.4 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: 7.664 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113024.D

Acq: 13 Mar 2019 2:13

Instrument :

BNA_F

ClientSampleId :

COMP-1-AU

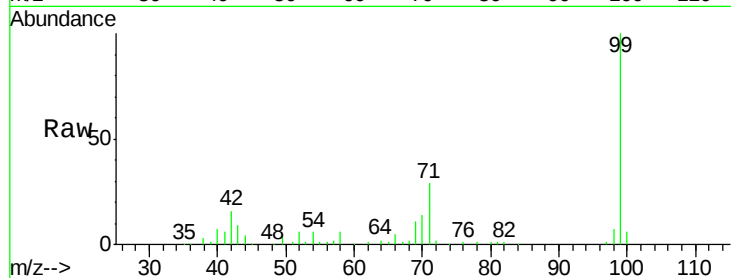
Tgt Ion: 99 Resp: 111574

Ion Ratio Lower Upper

99 100

42 15.7 16.3 24.5#

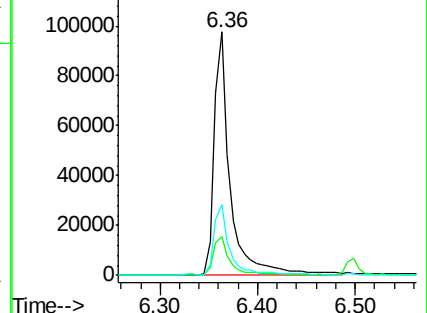
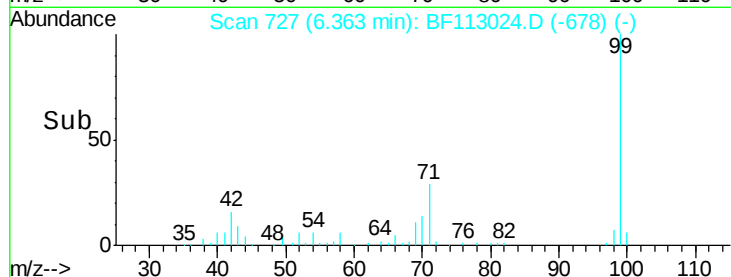
71 29.0 26.2 39.4



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113024.D

Acq: 13 Mar 2019 2:13

Tgt Ion: 136 Resp: 701075

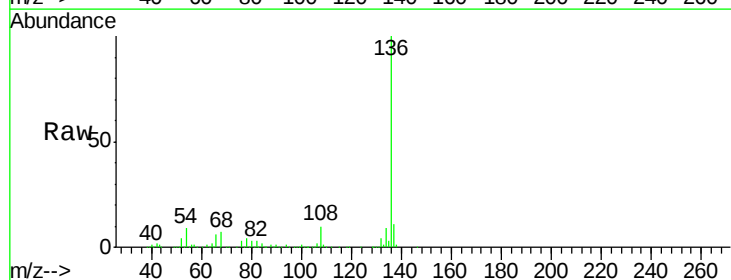
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.6 7.3 10.9

68 6.6 5.4 8.2

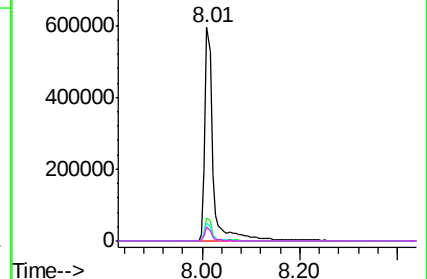
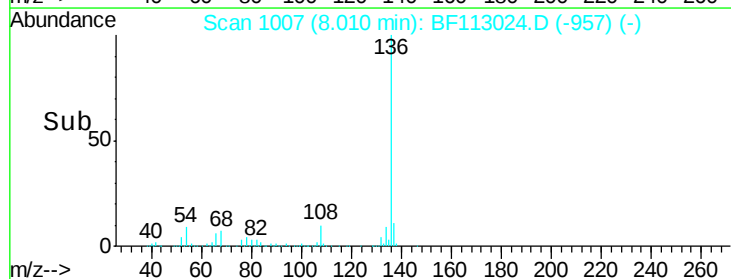


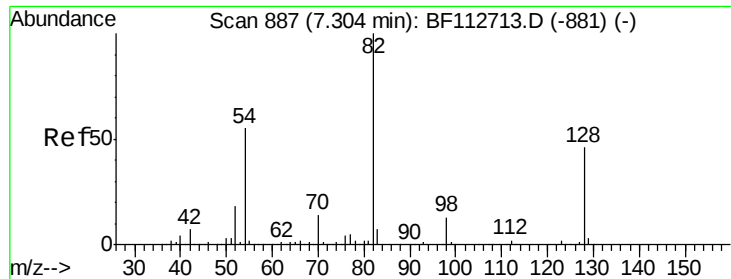
Abundance Ion 136.00 (135.70 to 136.70): E

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

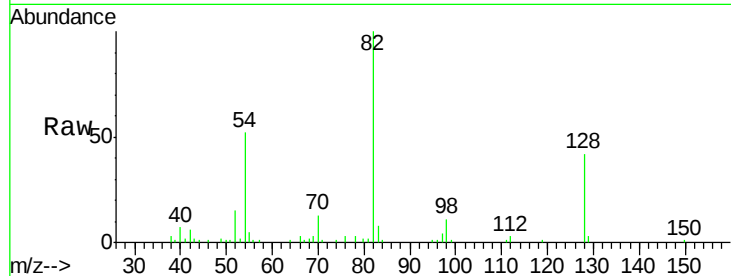




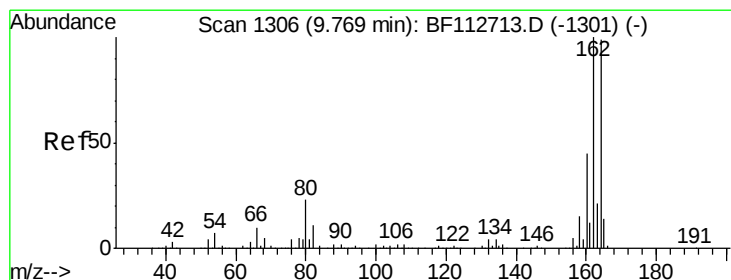
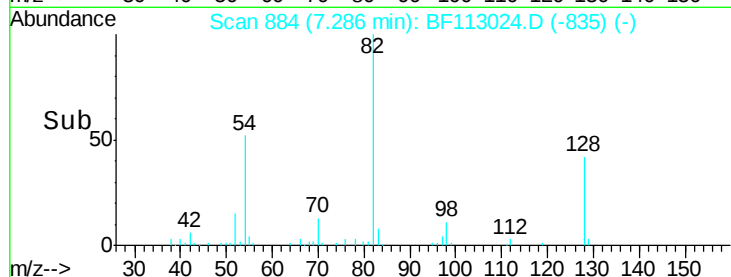
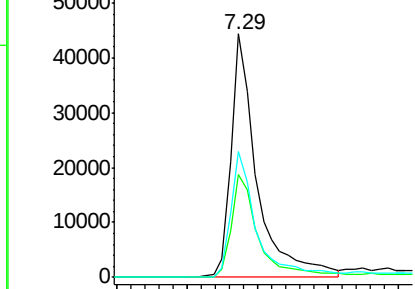
#23
 Nitrobenzene-d5
 Concen: 4.880 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113024.D
 Acq: 13 Mar 2019 2:13

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1-AU

Tgt Ion: 82 Resp: 57173
 Ion Ratio Lower Upper
 82 100
 128 42.1 36.3 54.5
 54 51.6 43.7 65.5

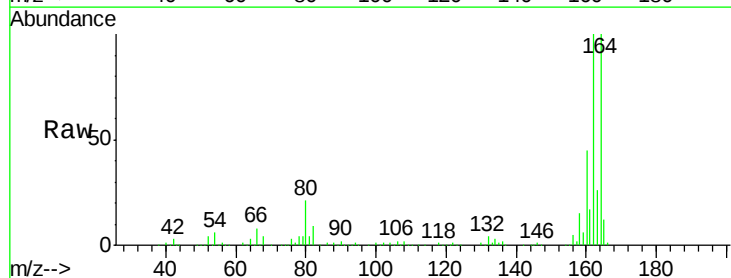


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

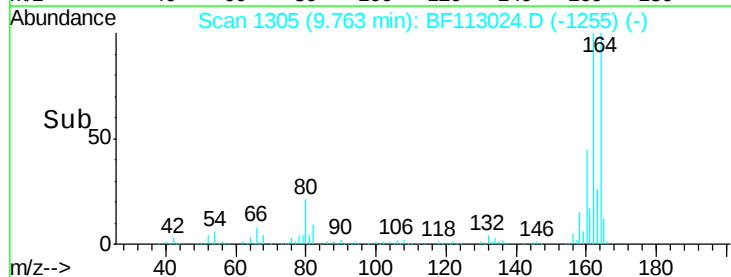
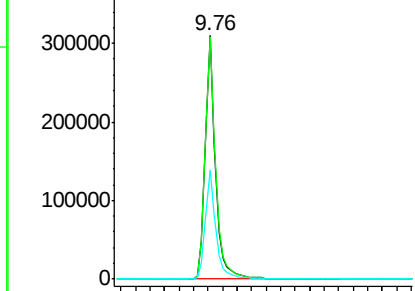


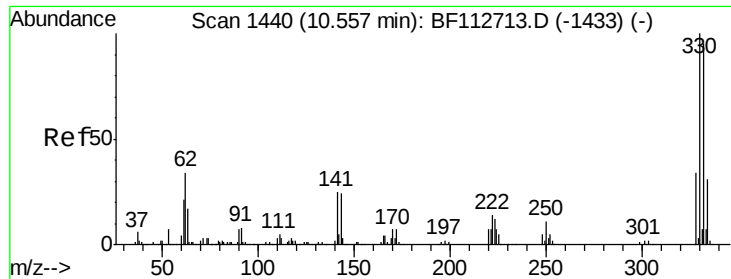
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF113024.D
 Acq: 13 Mar 2019 2:13

Tgt Ion: 164 Resp: 312427
 Ion Ratio Lower Upper
 164 100
 162 99.6 80.6 120.8
 160 45.0 36.0 54.0



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

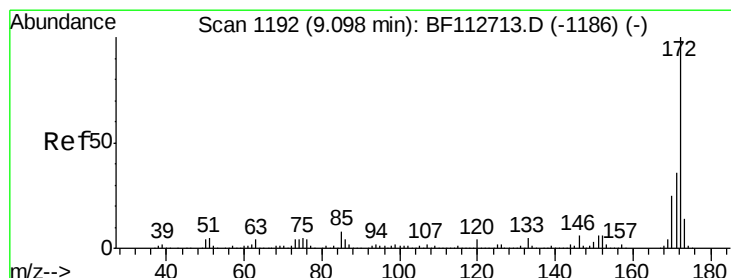
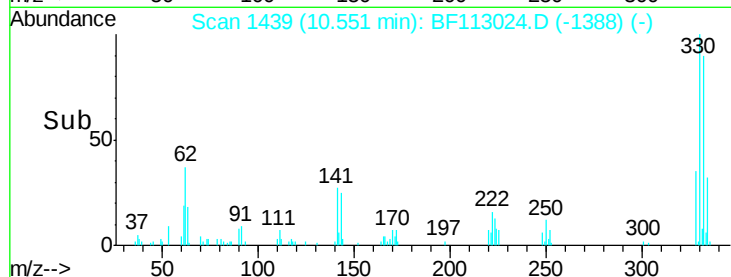
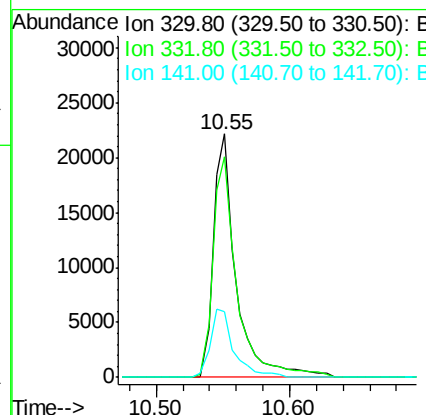
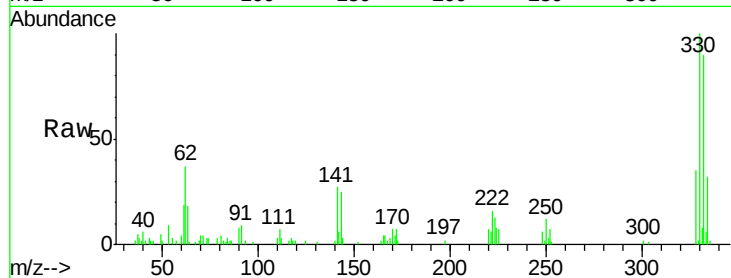




#42
 2,4,6-Tribromophenol
 Concen: 7.978 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF113024.D
 Acq: 13 Mar 2019 2:13

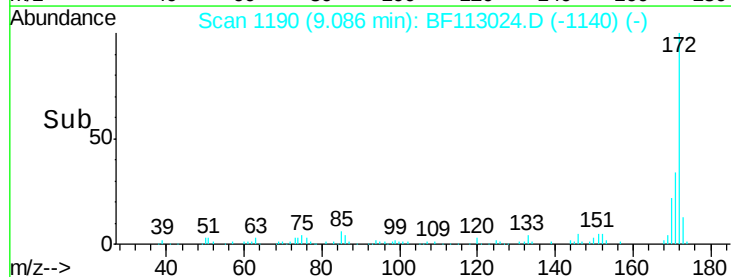
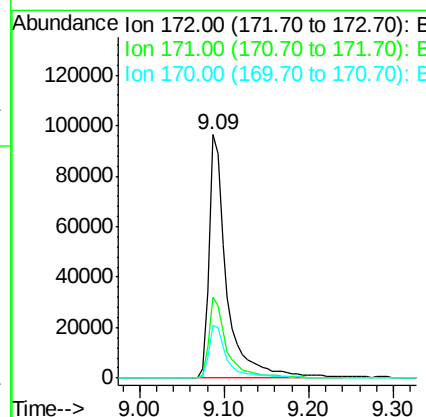
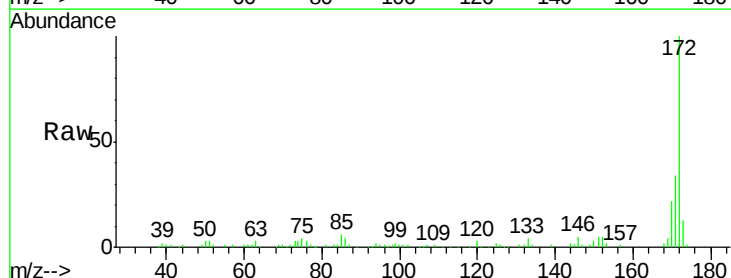
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1-AU

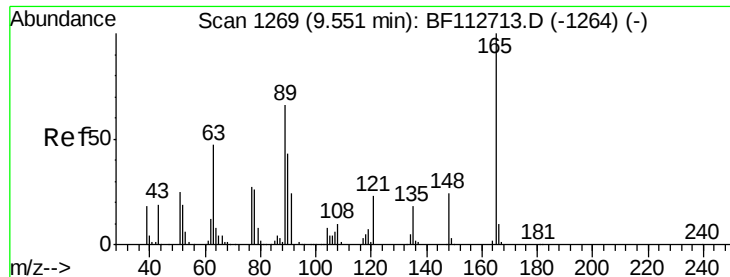
Tgt Ion:330 Resp: 26462
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.2 114.4
 141 29.1 27.0 40.6



#45
 2-Fluorobiphenyl
 Concen: 4.641 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113024.D
 Acq: 13 Mar 2019 2:13

Tgt Ion:172 Resp: 141003
 Ion Ratio Lower Upper
 172 100
 171 33.5 29.0 43.4
 170 21.6 20.0 30.0

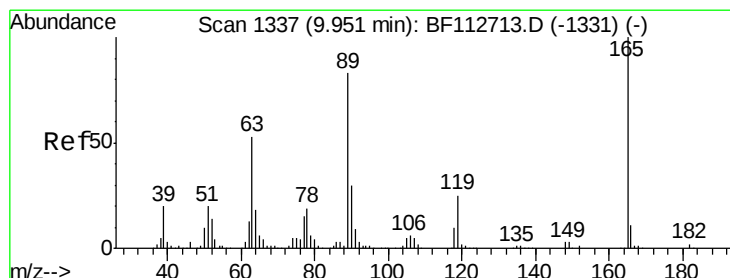
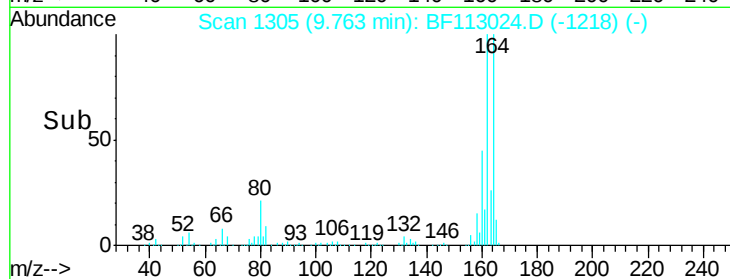
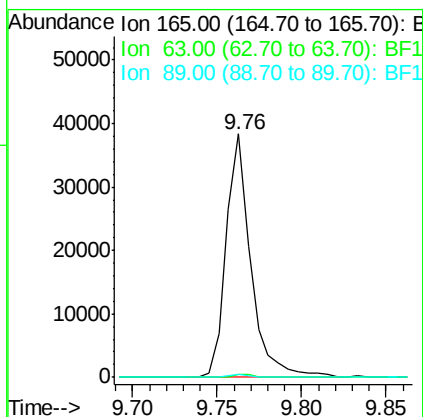
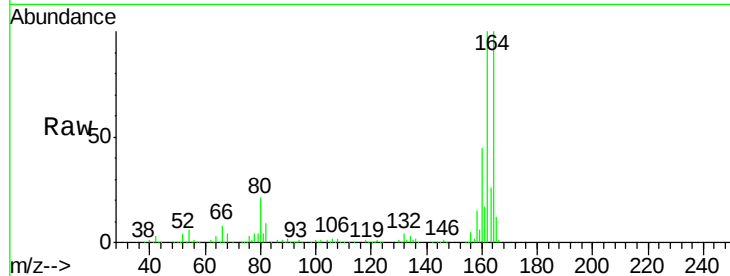




#51
 2,6-Dinitrotoluene
 Concen: 8.086 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.21 min
 Lab File: BF113024.D
 Acq: 13 Mar 2019 2:13

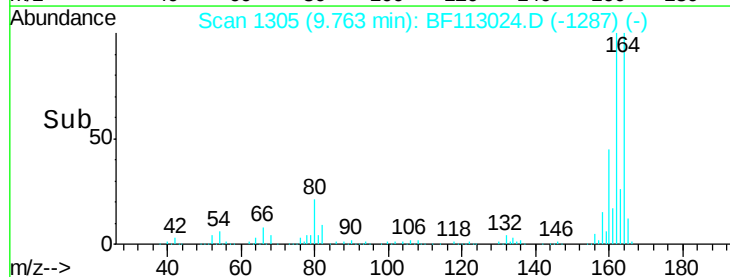
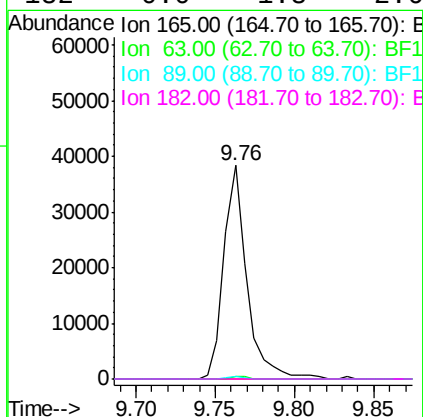
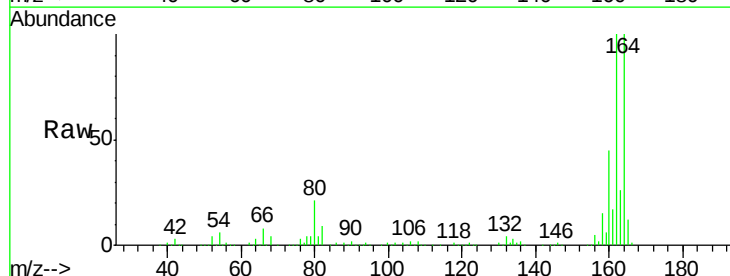
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 COMP-1-AU

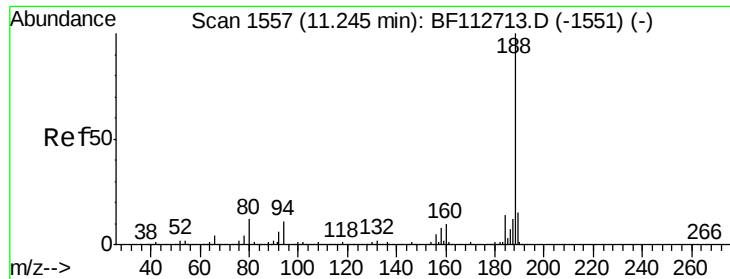
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	54.1	81.1#
89	1.1	52.8	79.2#



#57
 2,4-Dinitrotoluene
 Concen: 6.506 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF113024.D
 Acq: 13 Mar 2019 2:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.2	63.2#
89	1.1	66.2	99.4#
182	0.0	1.8	2.6#

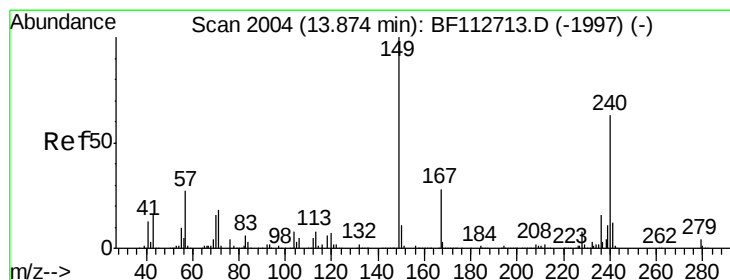
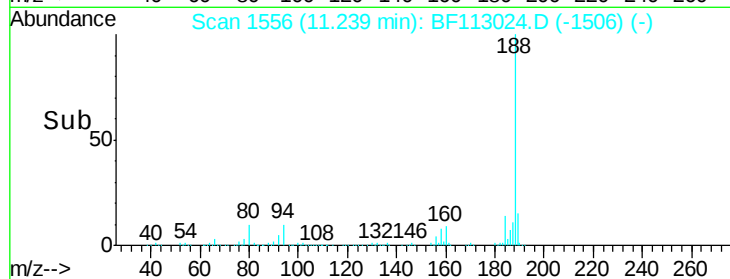
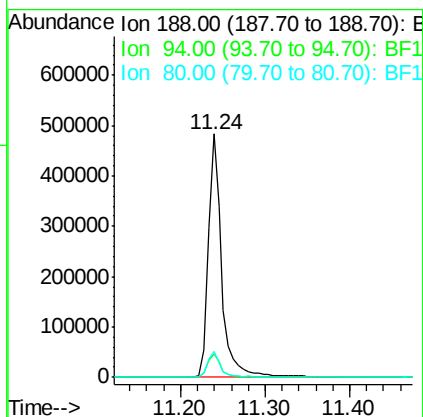
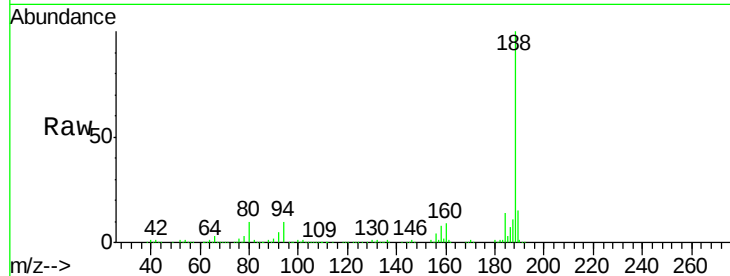




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113024.D
Acq: 13 Mar 2019 2:13

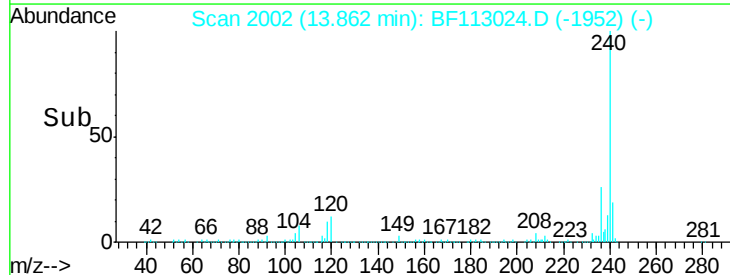
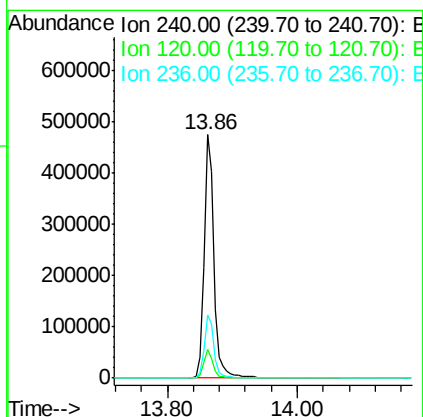
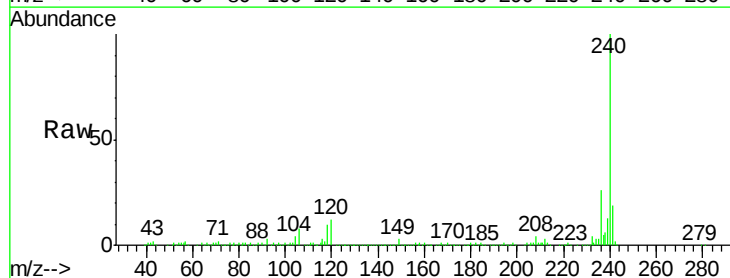
Instrument :
BNA_F
ClientSampleId :
COMP-1-AU

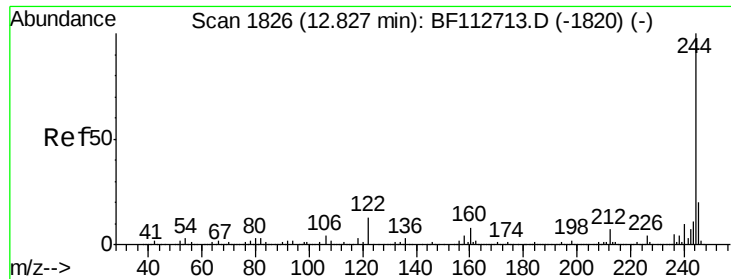
Tgt Ion:188 Resp: 537252
Ion Ratio Lower Upper
188 100
94 9.8 9.0 13.4
80 10.5 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113024.D
Acq: 13 Mar 2019 2:13

Tgt Ion:240 Resp: 492269
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 25.8 20.7 31.1

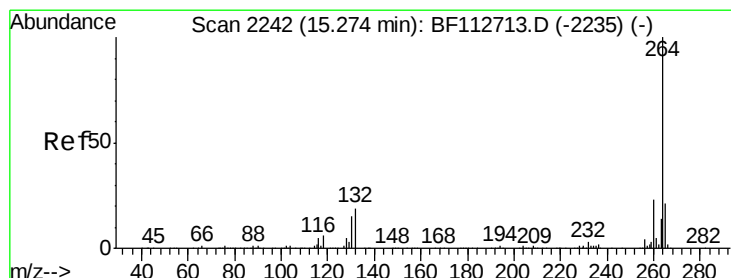
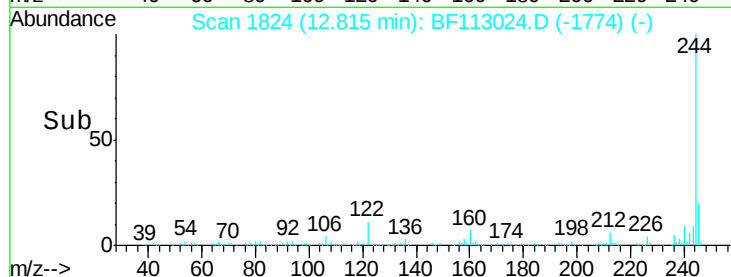
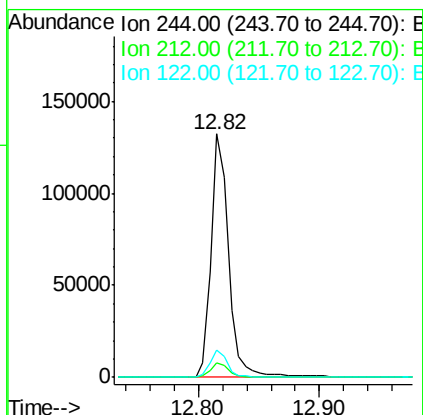
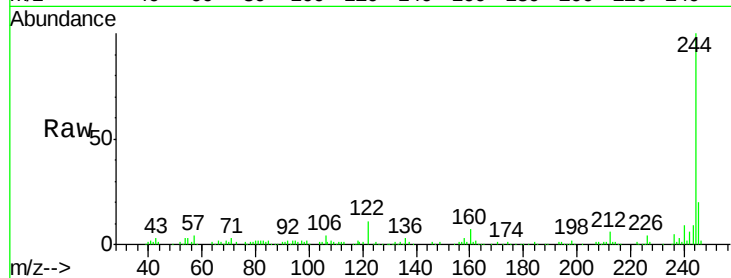




#79
 Terphenyl-d14
 Concen: 5.228 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113024.D
 Acq: 13 Mar 2019 2:13

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1-AU

Tgt Ion: 244 Resp: 132756
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.6 8.4
 122 11.3 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: BF113024.D
 Acq: 13 Mar 2019 2:13

Tgt Ion: 264 Resp: 392140
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 21.5 17.2 25.8

