

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011419\
 Data File : BF112061.D
 Acq On : 14 Jan 2019 20:02
 Operator : JU/SJ
 Sample : K1015-07 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-011119-B

Quant Time: Jan 14 21:06:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

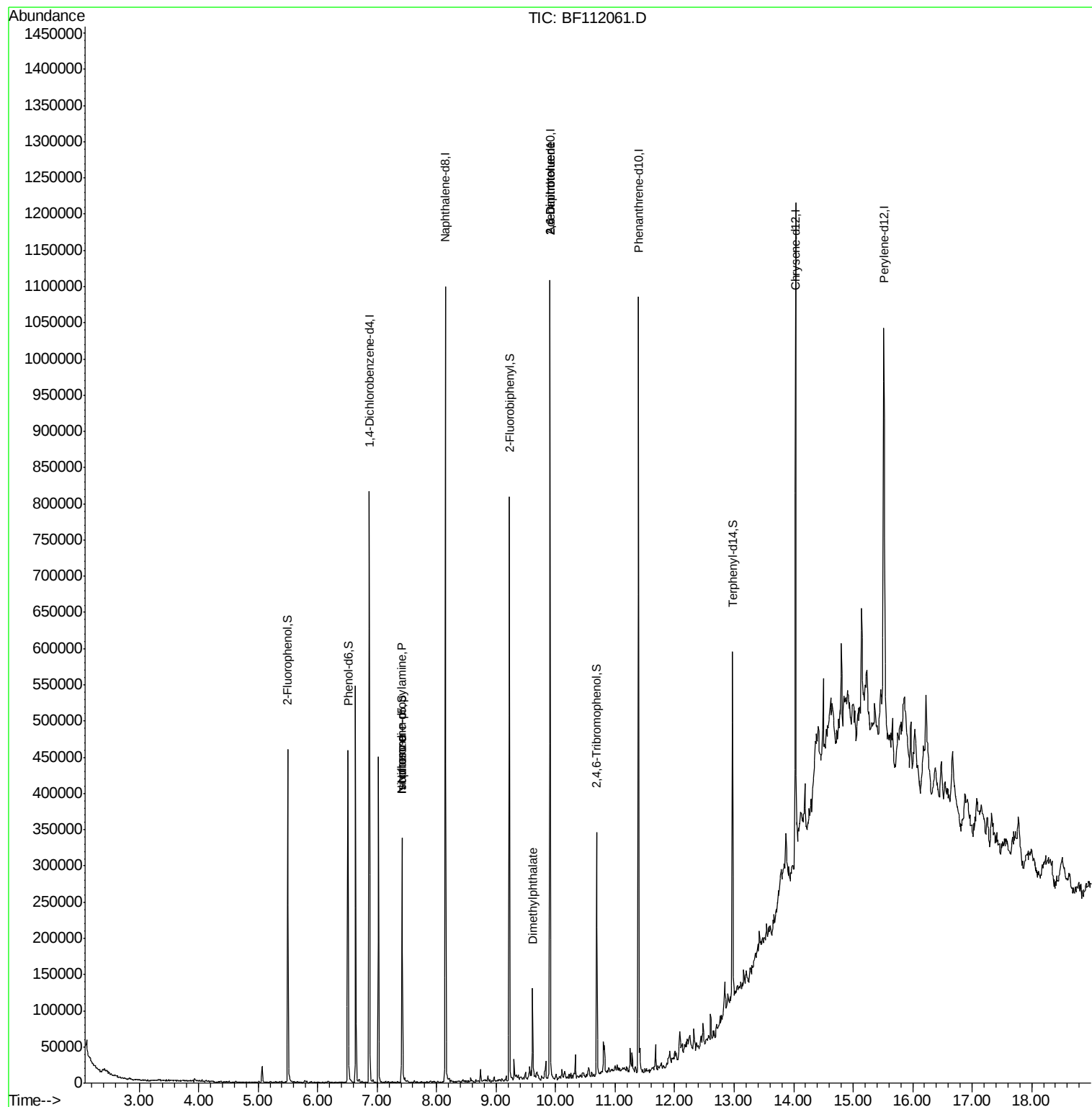
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	115372	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	439520	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	209446	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	353566	20.00	ng	0.00
76) Chrysene-d12	14.03	240	284951	20.00	ng	-0.01
87) Perylene-d12	15.52	264	230692	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	119599	17.73	ng	0.00
7) Phenol-d6	6.51	99	154323	17.76	ng	0.00
23) Nitrobenzene-d5	7.42	82	91593	11.14	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	37170	13.64	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	220394	15.34	ng	-0.01
79) Terphenyl-d14	12.97	244	153196	10.21	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.50	77	129	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.42	70	12372	2.191 ng	#	77
25) Isophorone	7.42	82	91591	6.878 ng	#	65
50) Dimethylphthalate	9.62	163	46126	2.932 ng	#	99
51) 2,6-Dinitrotoluene	9.90	165	26176	7.440 ng	#	26
57) 2,4-Dinitrotoluene	9.90	165	26176	5.758 ng	#	26

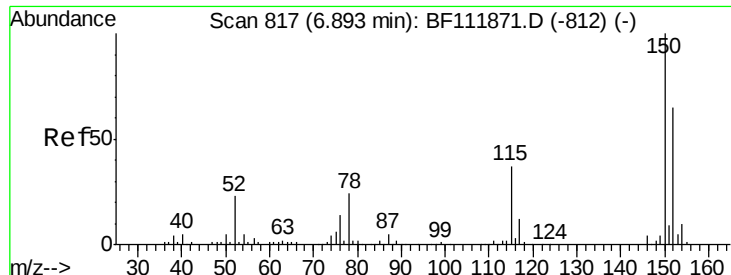
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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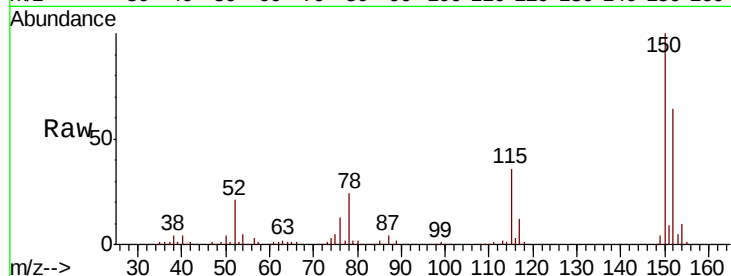




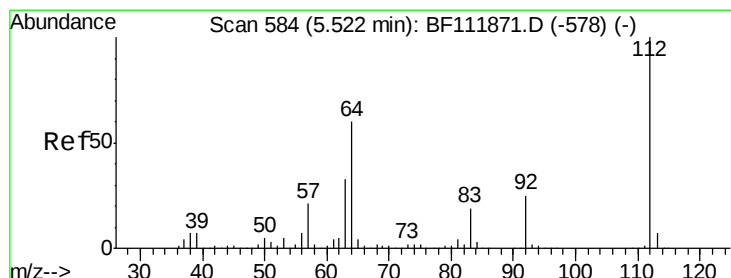
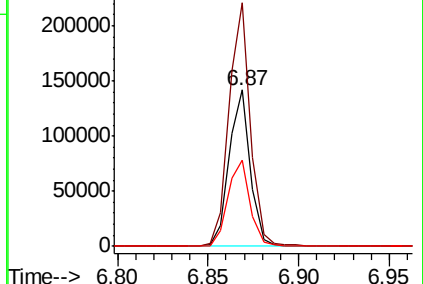
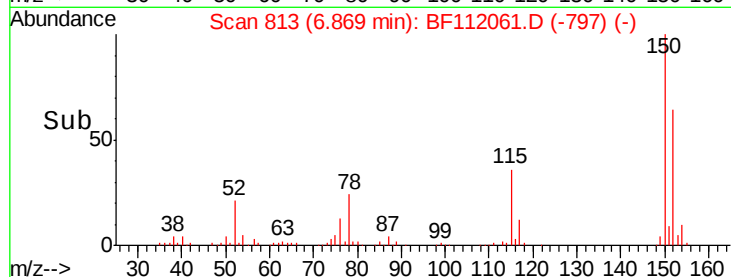
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF112061.D
 Acq: 14 Jan 2019 20:02

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-011119-B

Tgt Ion:152 Resp: 115372
 Ion Ratio Lower Upper
 152 100
 150 155.9 122.7 184.1
 115 55.5 45.2 67.8

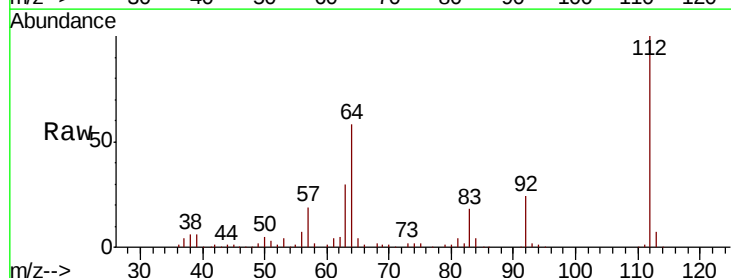


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

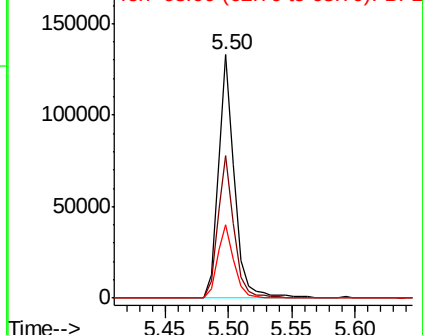
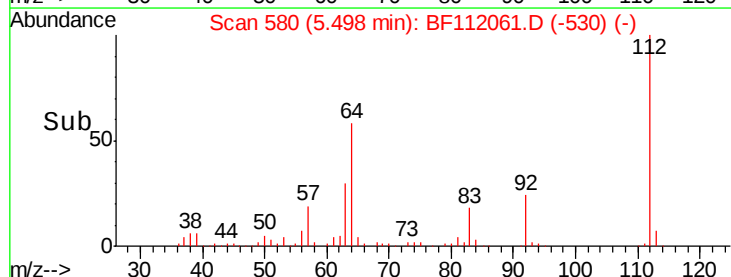


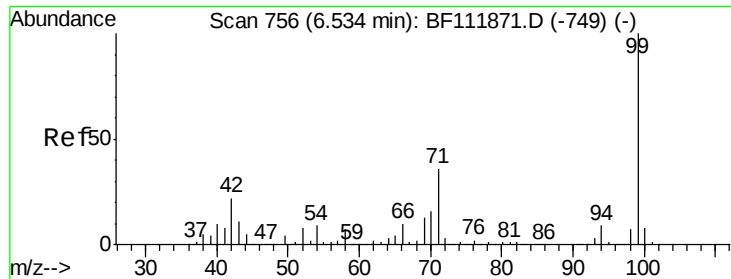
#5
 2-Fluorophenol
 Concen: 17.735 ng
 RT: 5.50 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF112061.D
 Acq: 14 Jan 2019 20:02

Tgt Ion:112 Resp: 119599
 Ion Ratio Lower Upper
 112 100
 64 58.4 48.3 72.5
 63 30.2 26.1 39.1



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: 17.755 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112061.D

Acq: 14 Jan 2019 20:02

Instrument :

BNA_F

ClientSampleId :

SU-02-011119-B

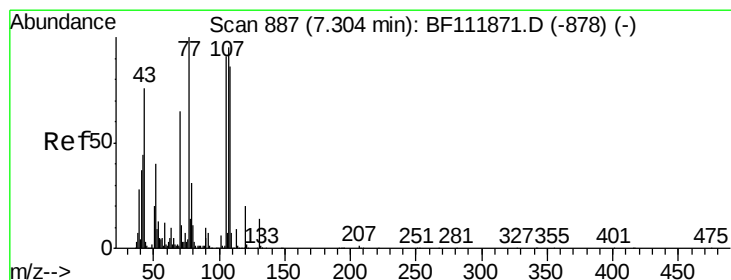
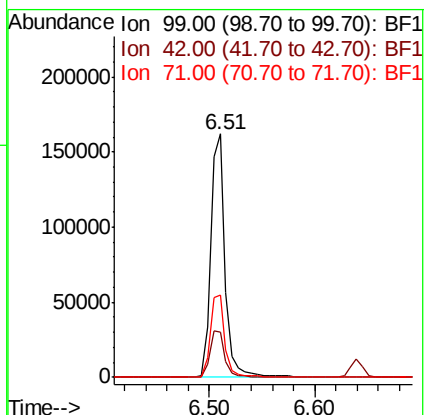
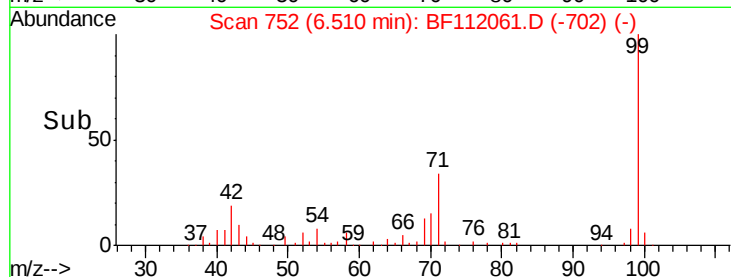
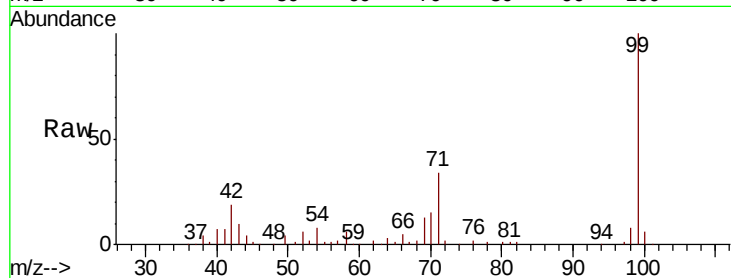
Tgt Ion: 99 Resp: 154323

Ion Ratio Lower Upper

99 100

42 18.6 17.9 26.9

71 33.7 28.7 43.1



#19

n-Nitroso-di-n-propylamine

Concen: 2.191 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.14 min

Lab File: BF112061.D

Acq: 14 Jan 2019 20:02

Tgt Ion: 70 Resp: 12372

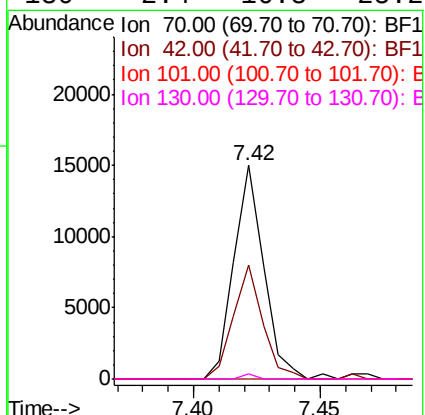
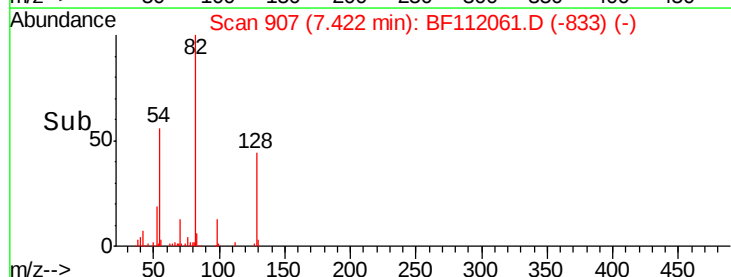
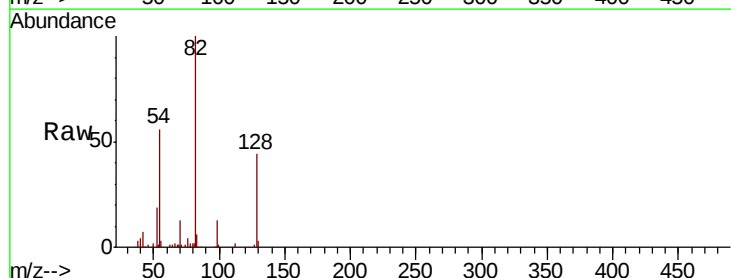
Ion Ratio Lower Upper

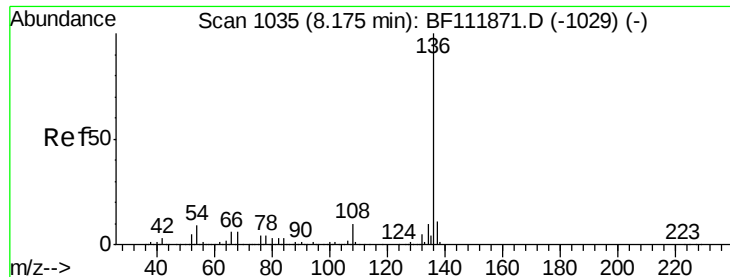
70 100

42 53.5 53.6 80.4#

101 0.0 7.3 10.9#

130 2.4 16.8 25.2#

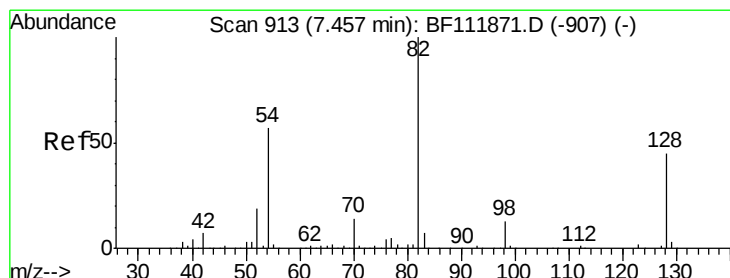
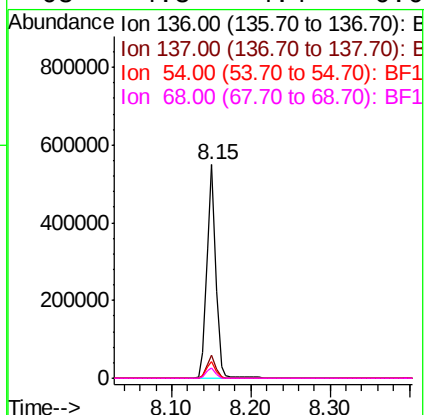
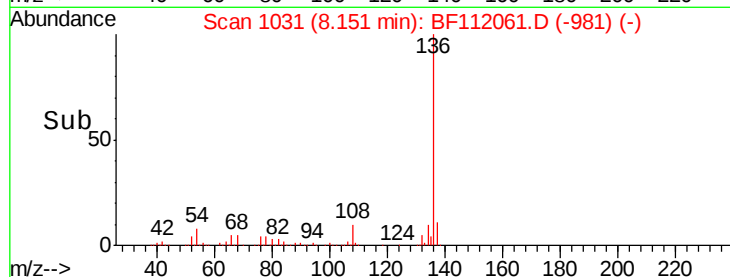
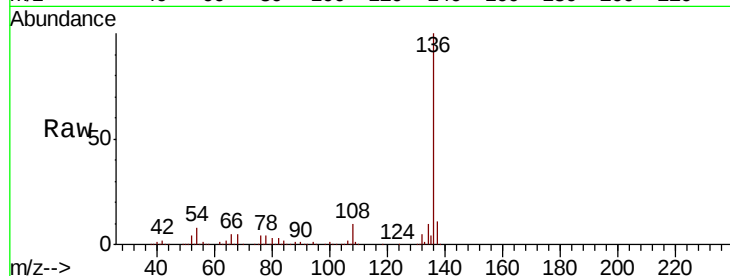




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF112061.D
Acq: 14 Jan 2019 20:02

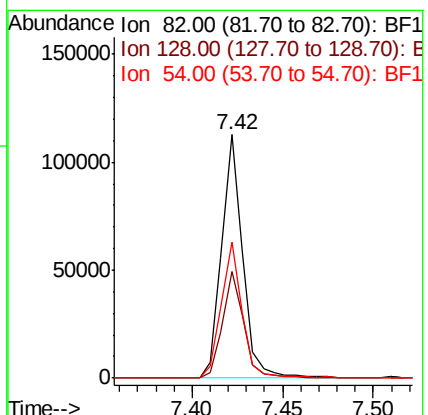
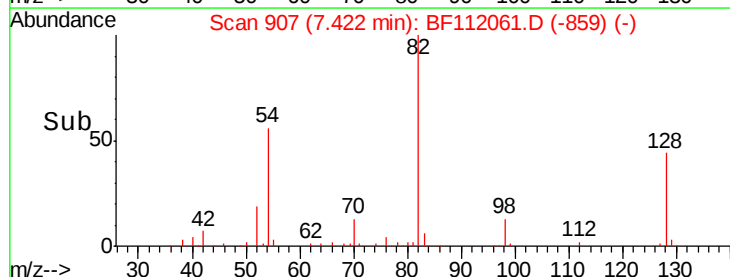
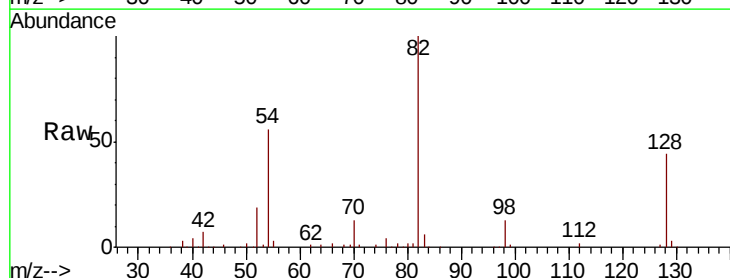
Instrument :
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ClientSampleId :
SU-02-011119-B

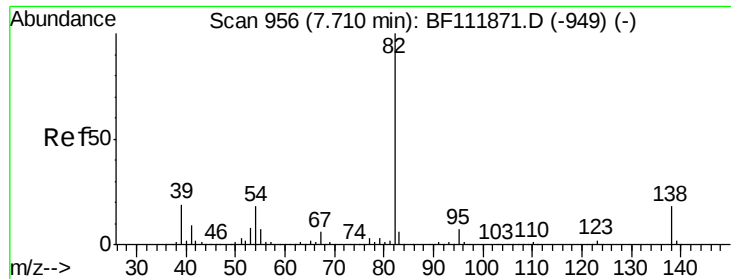
Tgt Ion:	136	Resp:	439520
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.9	7.2	10.8
68	4.8	4.4	6.6



#23
Nitrobenzene-d5
Concen: 11.138 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF112061.D
Acq: 14 Jan 2019 20:02

Tgt Ion:	82	Resp:	91593
Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.7	53.5
54	55.8	45.8	68.8





#25

Isophorone

Concen: 6.878 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.27 min

Lab File: BF112061.D

Acq: 14 Jan 2019 20:02

Instrument :

BNA_F

ClientSampleId :

SU-02-011119-B

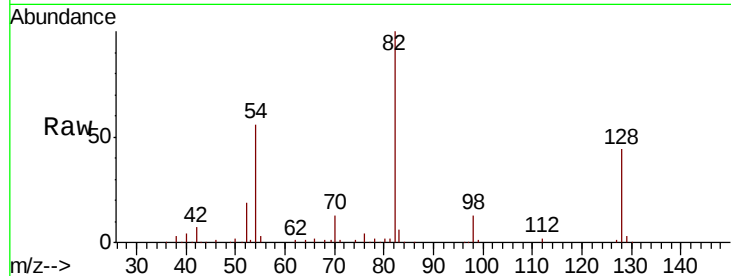
Tgt Ion: 82 Resp: 91591

Ion Ratio Lower Upper

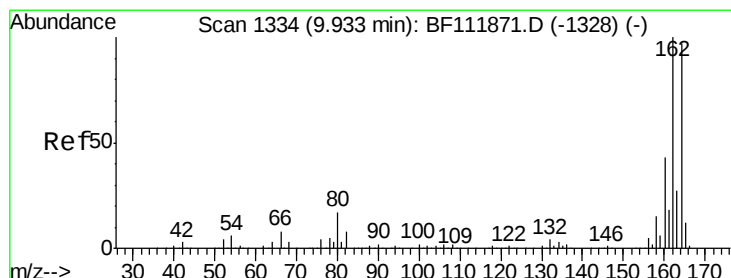
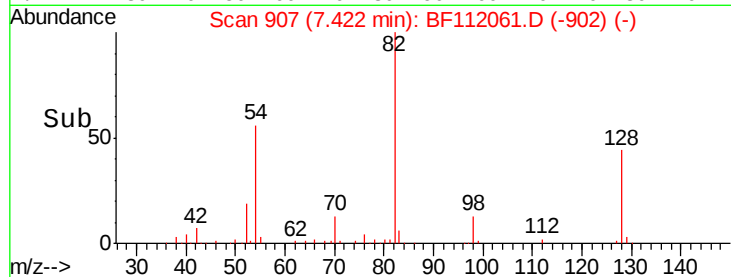
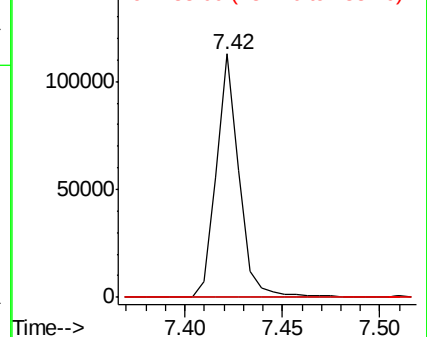
82 100

95 0.0 5.8 8.6#

138 0.0 14.4 21.6#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF112061.D

Acq: 14 Jan 2019 20:02

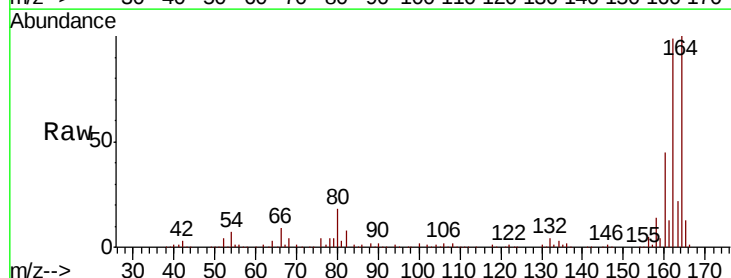
Tgt Ion: 164 Resp: 209446

Ion Ratio Lower Upper

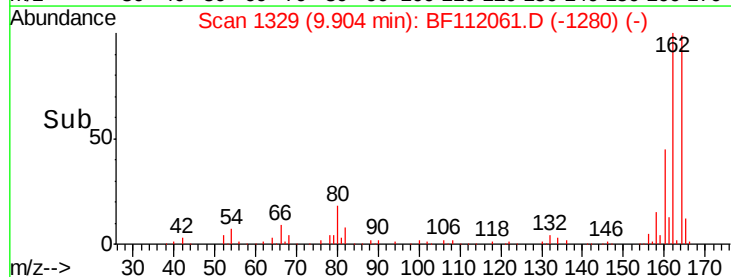
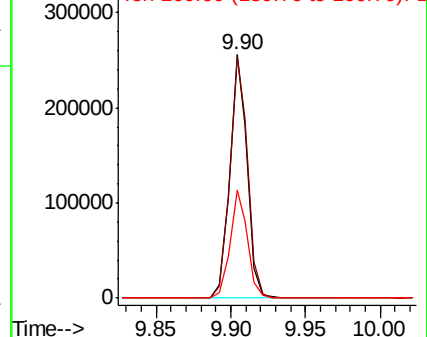
164 100

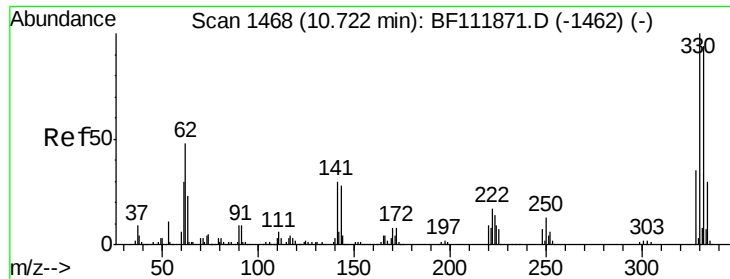
162 98.9 82.2 123.2

160 44.5 35.5 53.3



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

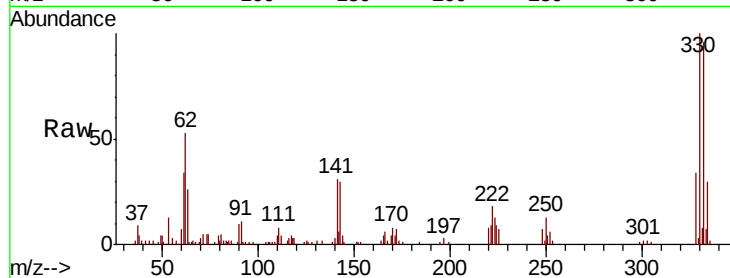




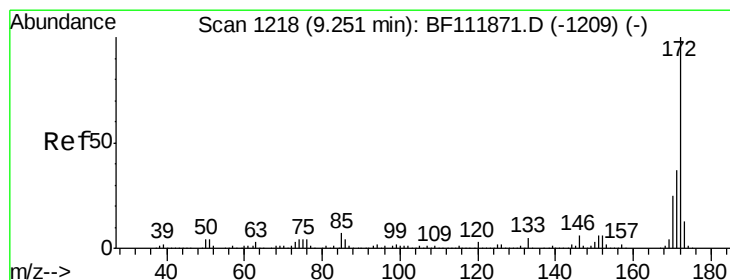
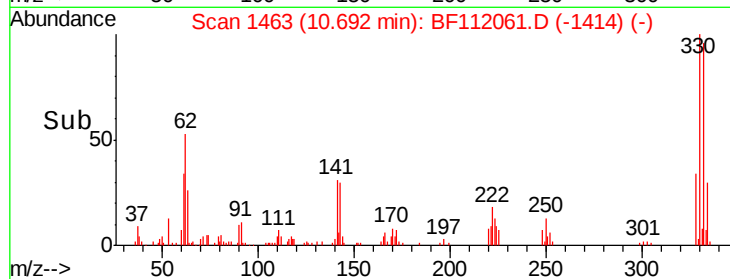
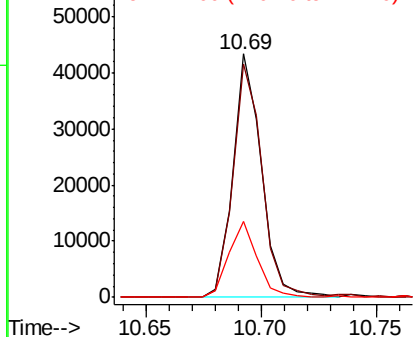
#42
 2,4,6-Tribromophenol
 Concen: 13.644 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF112061.D
 Acq: 14 Jan 2019 20:02

Instrument :
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 SU-02-011119-B

Tgt Ion:330 Resp: 37170
 Ion Ratio Lower Upper
 330 100
 332 99.5 76.9 115.3
 141 31.2 23.7 35.5

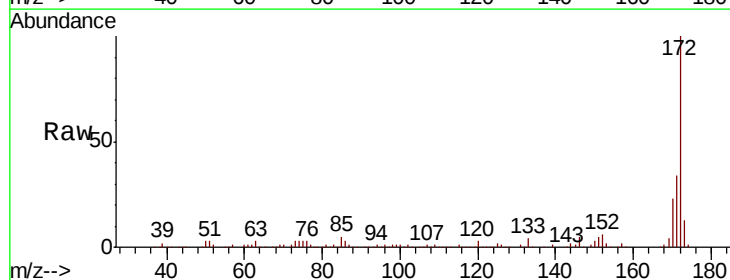


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

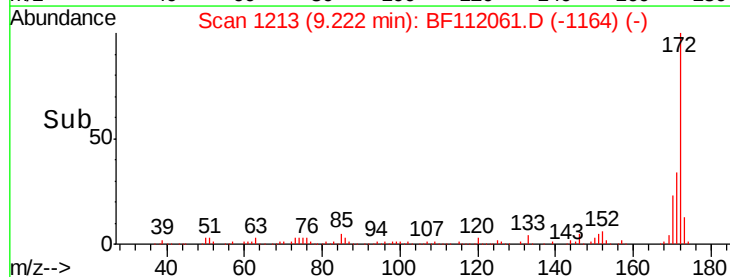
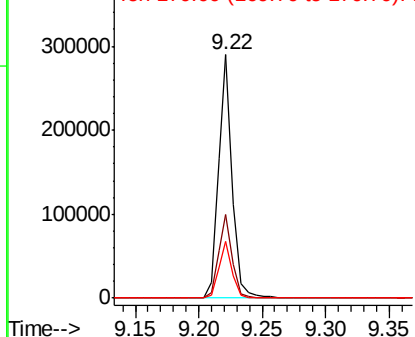


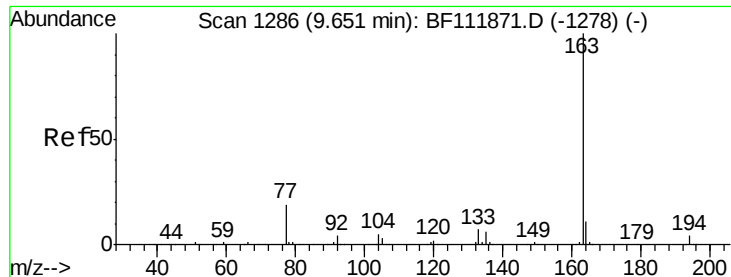
#45
 2-Fluorobiphenyl
 Concen: 15.344 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF112061.D
 Acq: 14 Jan 2019 20:02

Tgt Ion:172 Resp: 220394
 Ion Ratio Lower Upper
 172 100
 171 34.2 29.6 44.4
 170 23.4 19.8 29.8



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

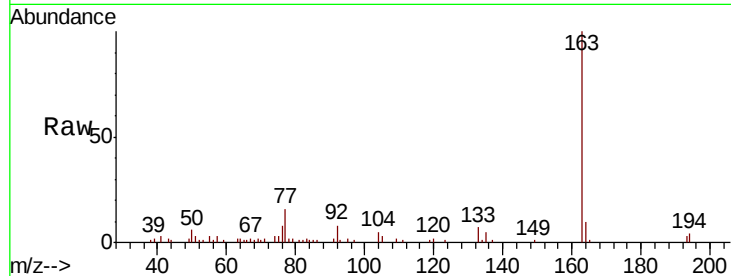




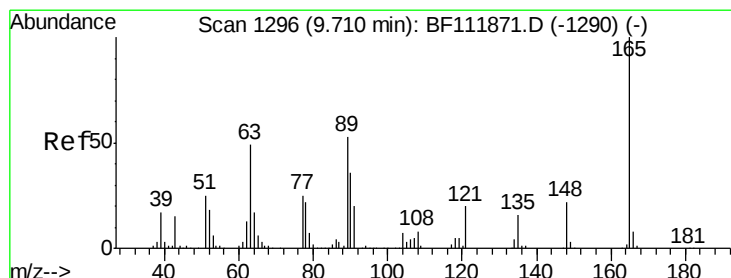
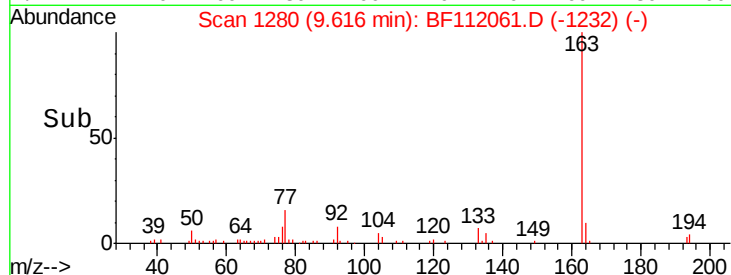
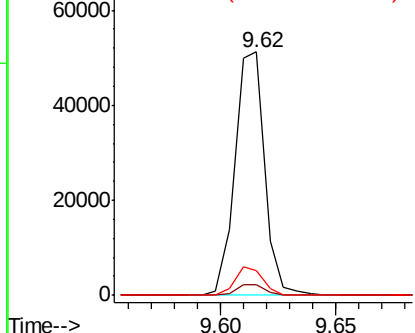
#50
Dimethylphthalate
Concen: 2.932 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF112061.D
Acq: 14 Jan 2019 20:02

Instrument :
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Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.2	8.5	12.7

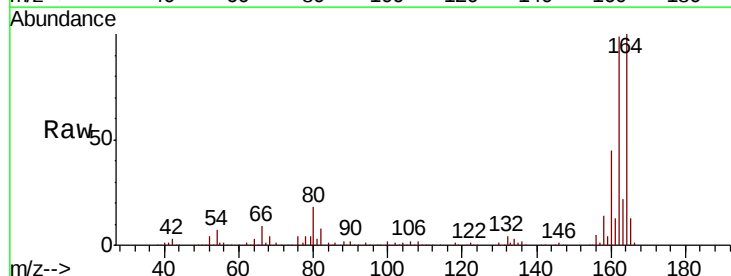


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

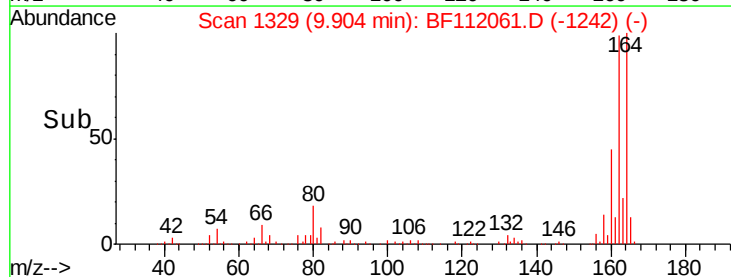
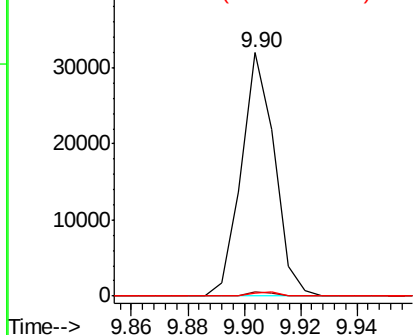


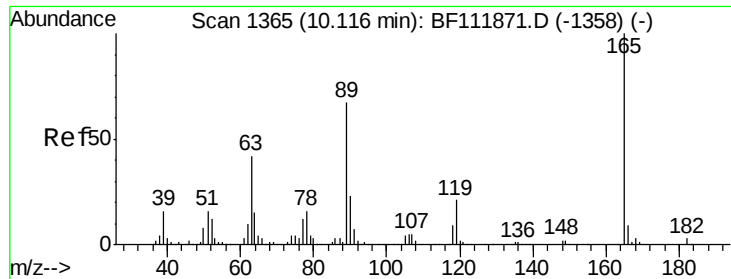
#51
2,6-Dinitrotoluene
Concen: 7.440 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.21 min
Lab File: BF112061.D
Acq: 14 Jan 2019 20:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	46.2	69.2#
89	1.1	42.2	63.2#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

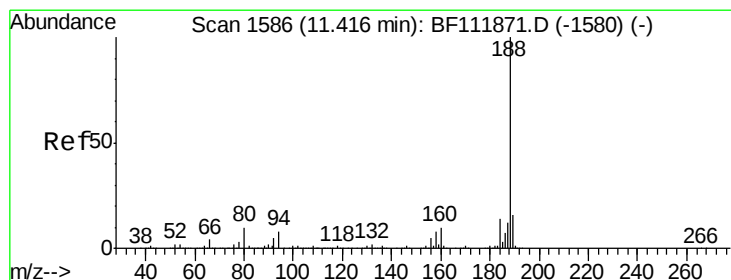
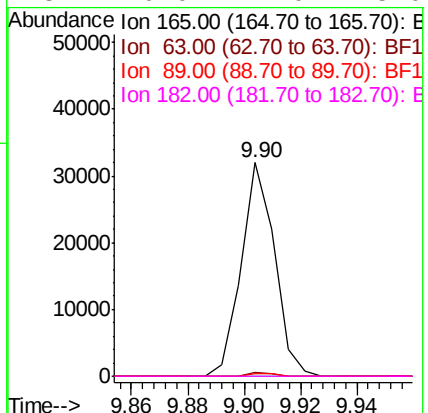
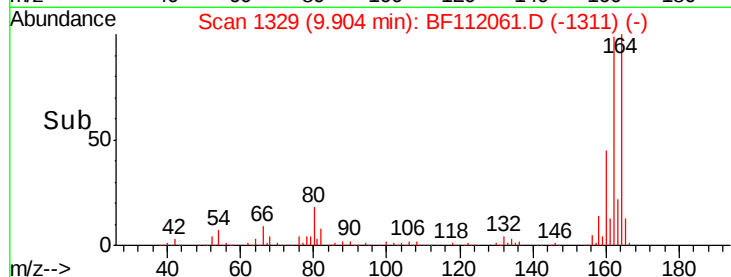
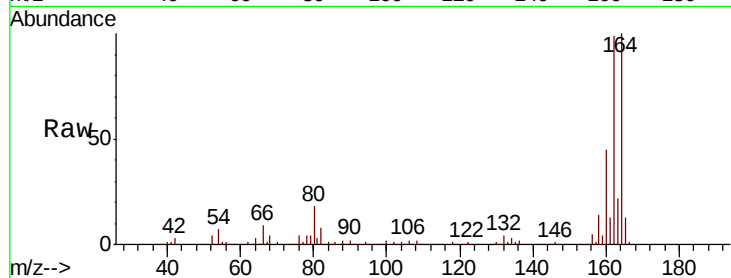




#57
2,4-Dinitrotoluene
Concen: 5.758 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF112061.D
Acq: 14 Jan 2019 20:02

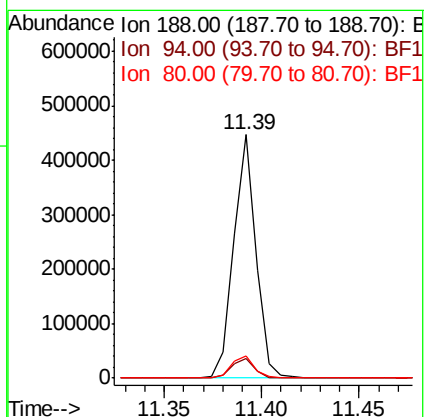
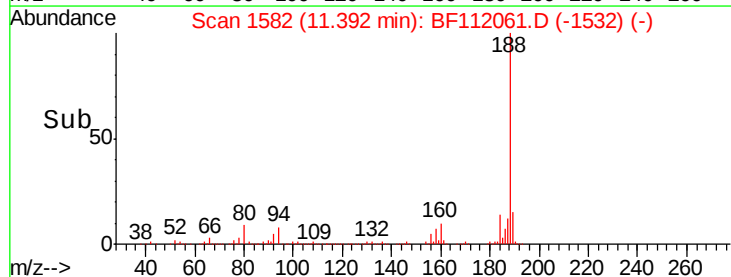
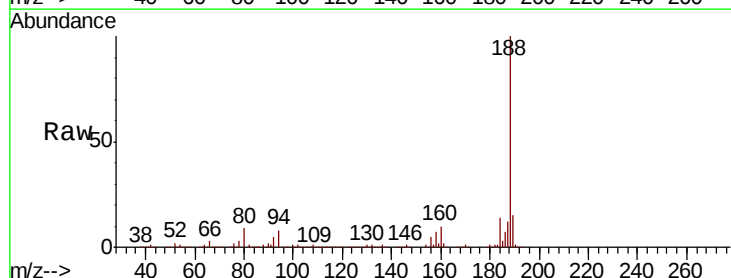
Instrument :
BNA_F
ClientSampleId :
SU-02-011119-B

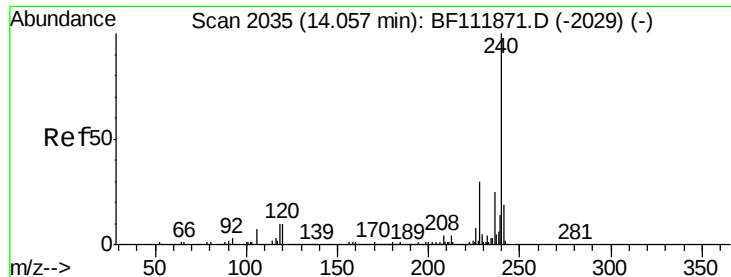
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.1	51.1#
89	1.1	53.5	80.3#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF112061.D
Acq: 14 Jan 2019 20:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.6	10.0
80	9.0	7.7	11.5

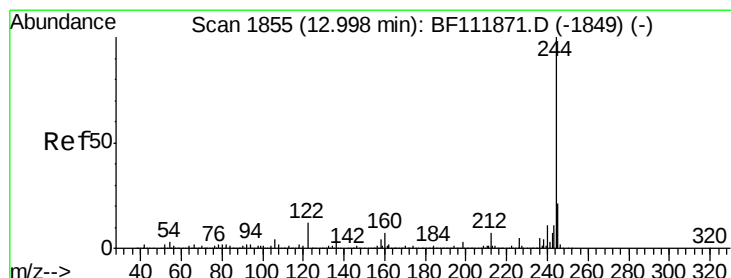
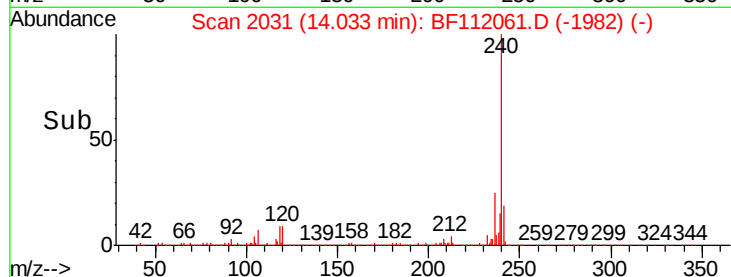
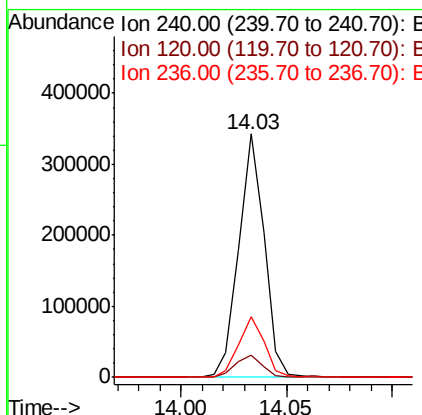
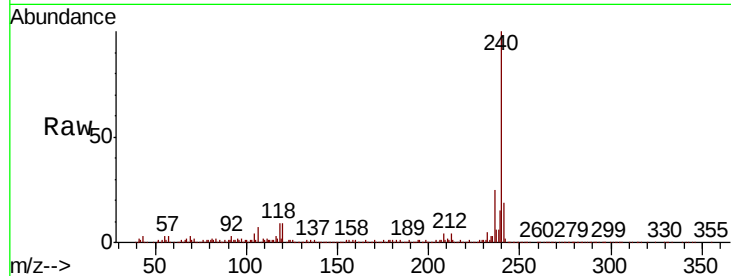




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF112061.D
Acq: 14 Jan 2019 20:02

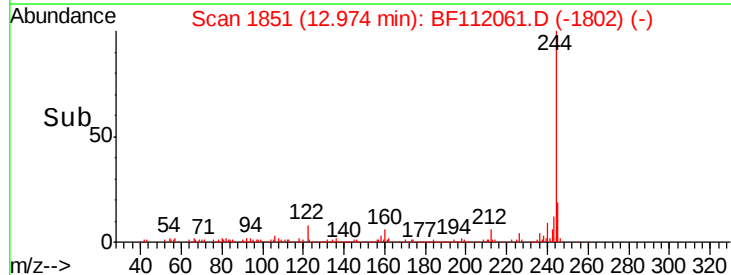
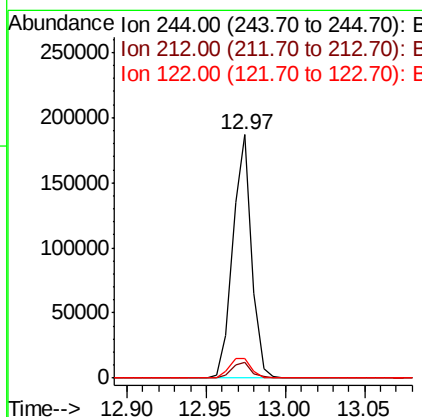
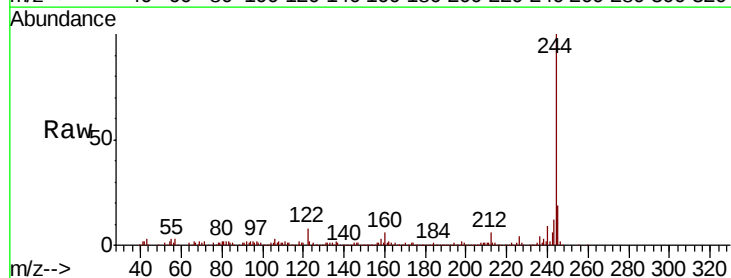
Instrument :
BNA_F
ClientSampleId :
SU-02-011119-B

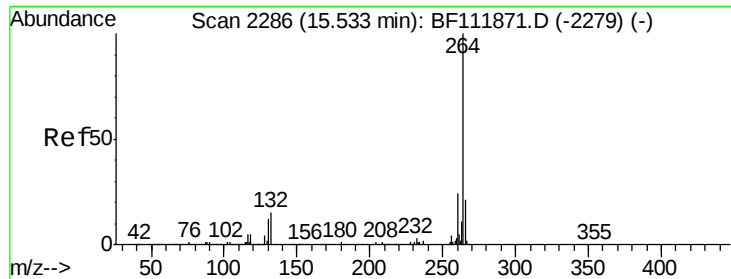
Tgt Ion:240 Resp: 284951
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.2
236 24.8 20.2 30.4



#79
Terphenyl-d14
Concen: 10.205 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF112061.D
Acq: 14 Jan 2019 20:02

Tgt Ion:244 Resp: 153196
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.8
122 8.2 9.5 14.3#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF112061.D
Acq: 14 Jan 2019 20:02

Instrument :
BNA_F
ClientSampleId :
SU-02-011119-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.9	17.1	25.7

