

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
 Data File : BF115010.D
 Acq On : 13 Jun 2019 19:10
 Operator : HP/JU
 Sample : K3345-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-5_061119

Quant Time: Jun 14 03:48:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

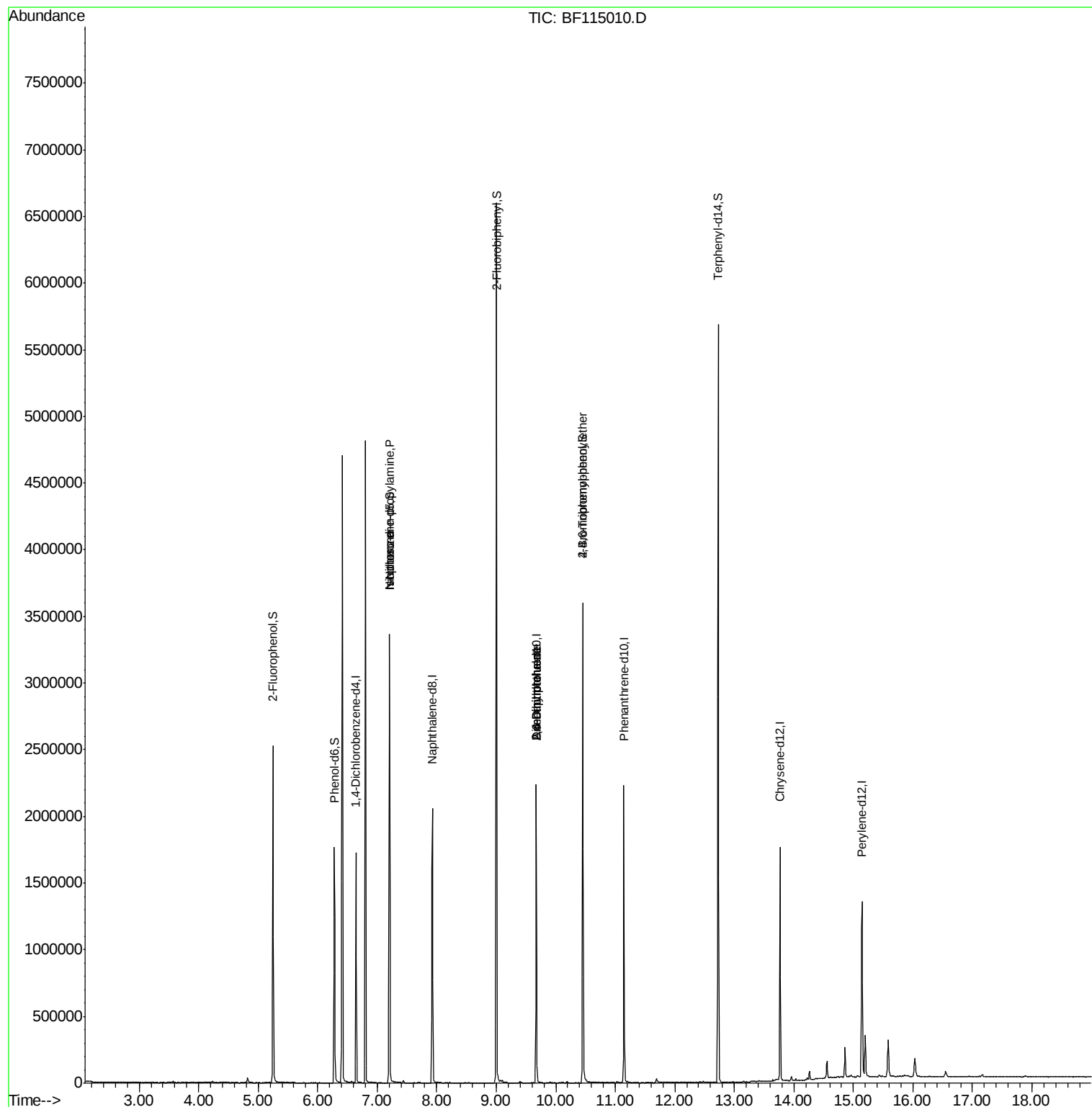
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	249239	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	958544	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	451877	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	810080	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	543311	20.00	ng	-0.01
87) Perylene-d12	15.14	264	542906	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	741867	49.70	ng	0.00
7) Phenol-d6	6.28	99	590227	32.78	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1152264	72.36	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	450543	93.11	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2180233	81.77	ng	0.00
79) Terphenyl-d14	12.73	244	2108436	72.99	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	28097	Below Cal	Qvalue	# 80
19) n-Nitroso-di-n-propylamine	7.21	70	152114	13.905 ng	#	77
25) Isophorone	7.21	82	1133325	37.998 ng	#	62
50) Dimethylphthalate	9.67	163	125507	3.693 ng	#	1
51) 2,6-Dinitrotoluene	9.67	165	57780	7.496 ng	#	36
57) 2,4-Dinitrotoluene	9.67	165	57780	5.889 ng	#	29
58) Fluorene	10.46	166	20715	Below Cal	#	85
67) 4-Bromophenyl-phenylether	10.46	248	28794	3.310 ng	#	1

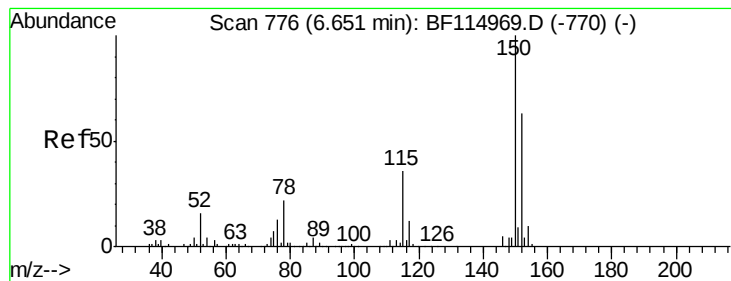
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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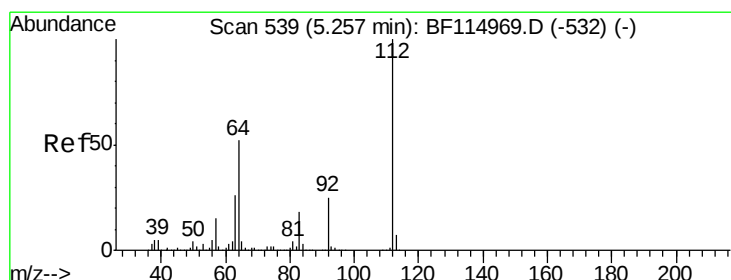
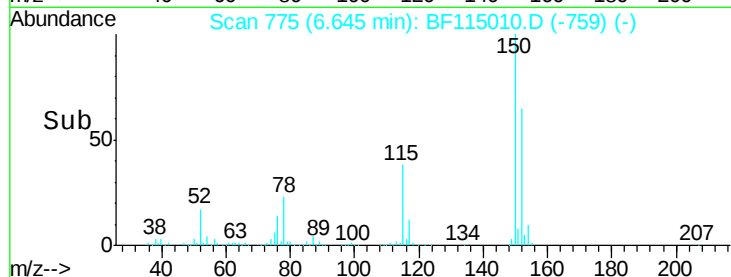
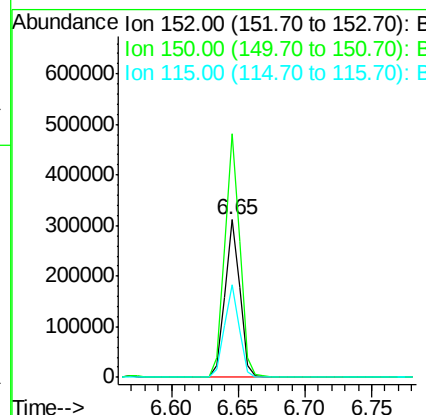
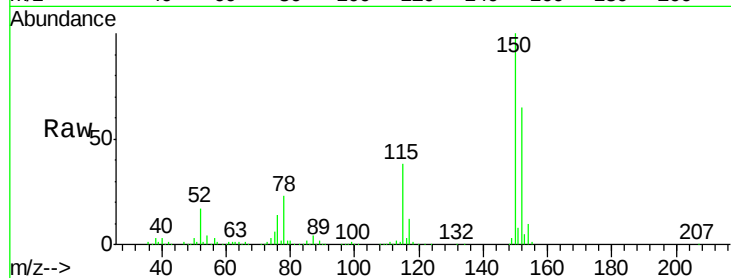


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115010.D
Acq: 13 Jun 2019 19:10

Instrument :
BNA_F
ClientSampleId :
C-MW-5_061119

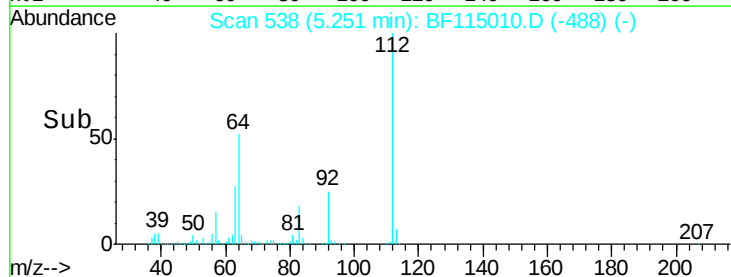
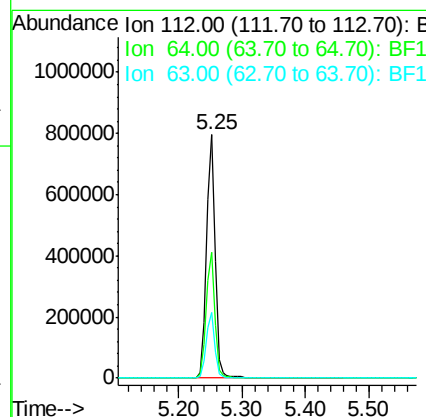
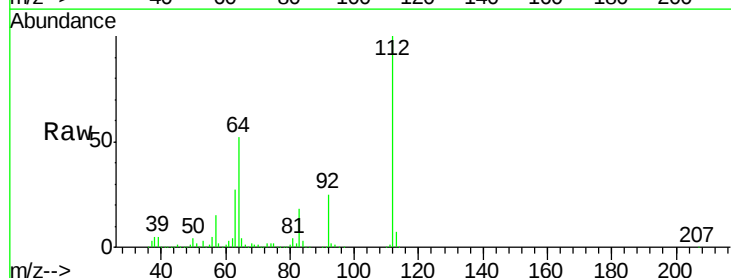
Tgt Ion:152 Resp: 249239
Ion Ratio Lower Upper
152 100
150 154.9 127.4 191.0
115 59.2 46.0 69.0

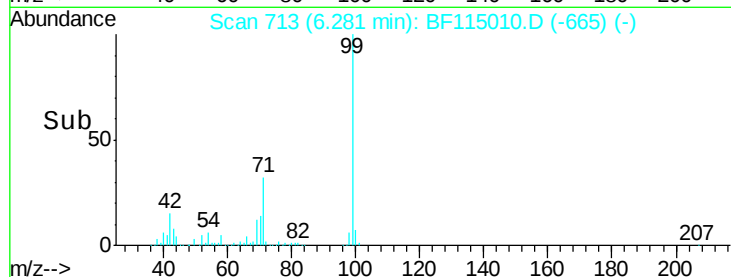
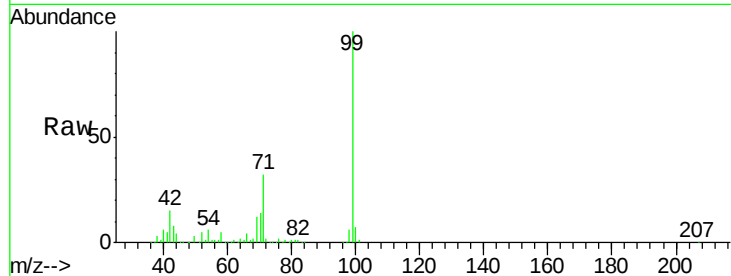
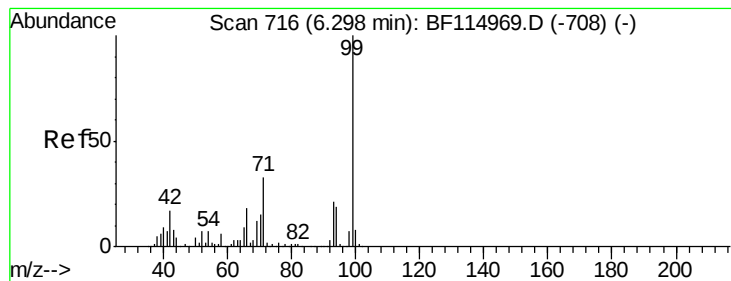


#5

2-Fluorophenol
Concen: 49.702 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF115010.D
Acq: 13 Jun 2019 19:10

Tgt Ion:112 Resp: 741867
Ion Ratio Lower Upper
112 100
64 51.9 41.6 62.4
63 26.8 20.9 31.3





#7

Phenol-d6

Concen: 32.780 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF115010.D

Acq: 13 Jun 2019 19:10

Instrument :

BNA_F

ClientSampleId :

C-MW-5_061119

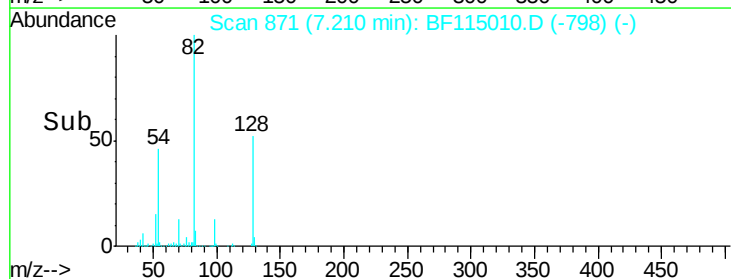
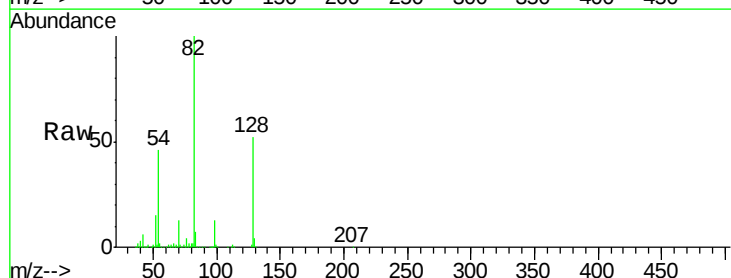
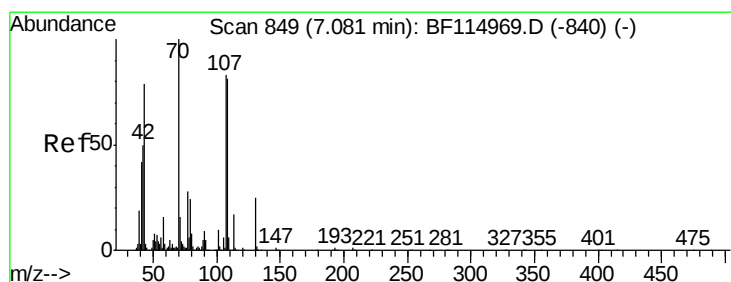
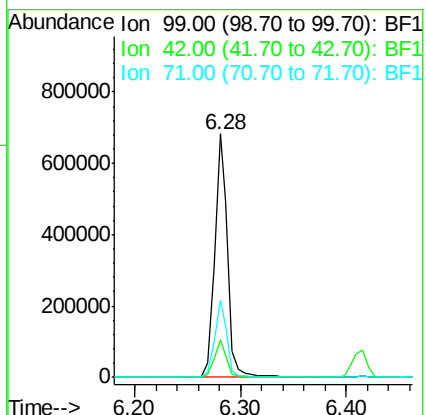
Tgt Ion: 99 Resp: 590227

Ion Ratio Lower Upper

99 100

42 15.2 13.4 20.2

71 31.8 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.905 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115010.D

Acq: 13 Jun 2019 19:10

Tgt Ion: 70 Resp: 152114

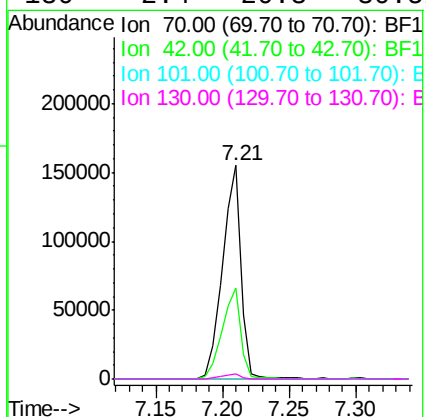
Ion Ratio Lower Upper

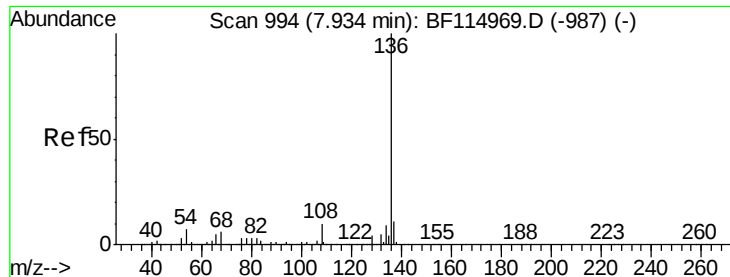
70 100

42 42.5 40.3 60.5

101 0.0 8.2 12.4#

130 2.4 20.3 30.5#

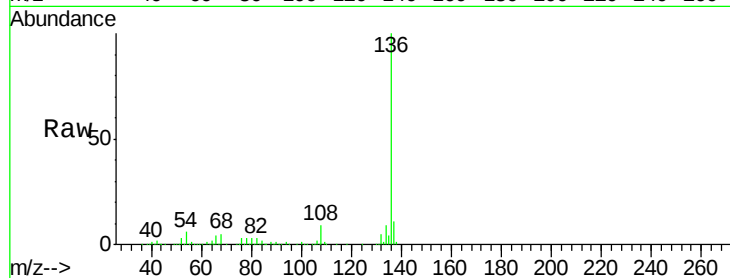




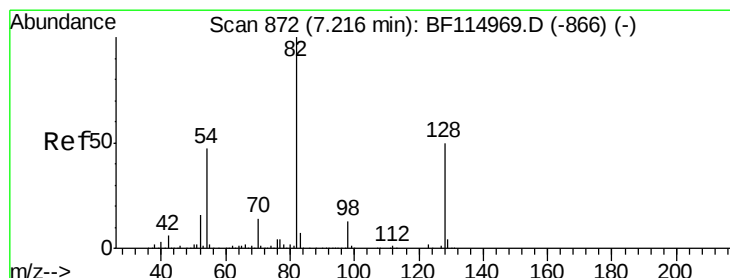
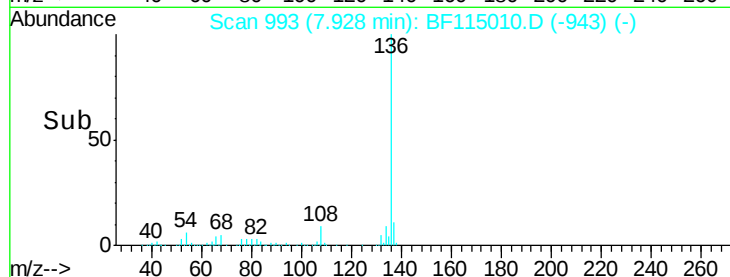
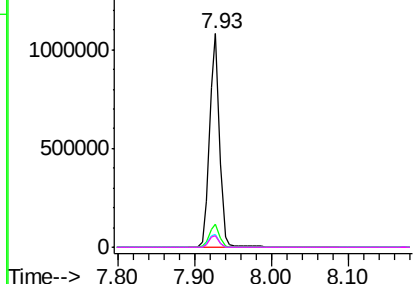
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115010.D
Acq: 13 Jun 2019 19:10

Instrument :
BNA_F
ClientSampleId :
C-MW-5_061119

Tgt Ion:	136	Resp:	958544
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.2	5.4	8.0
68	5.5	4.6	7.0

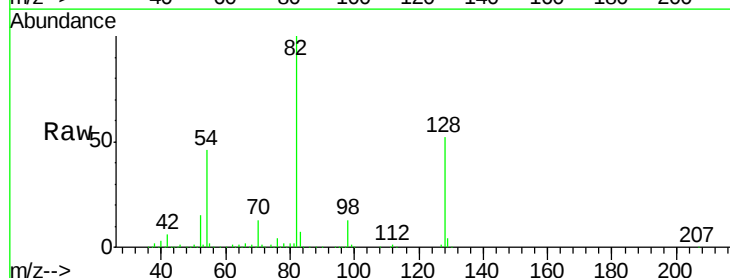


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

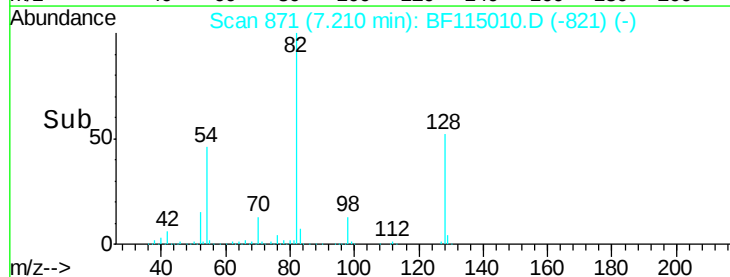
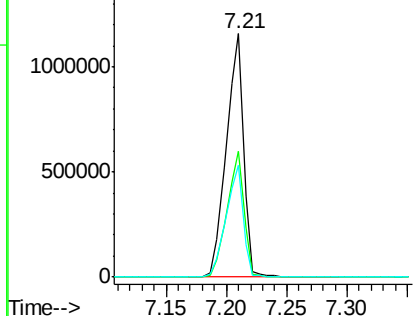


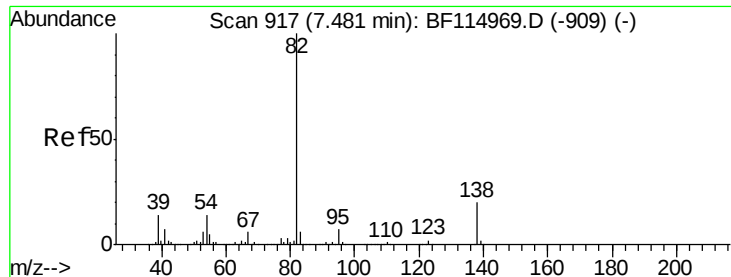
#23
Nitrobenzene-d5
Concen: 72.357 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115010.D
Acq: 13 Jun 2019 19:10

Tgt Ion:	82	Resp:	1152264
Ion	Ratio	Lower	Upper
82	100		
128	51.9	39.9	59.9
54	45.9	37.3	55.9



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





#25

Isophorone

Concen: 37.998 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF115010.D

Acq: 13 Jun 2019 19:10

Instrument :

BNA_F

ClientSampleId :

C-MW-5_061119

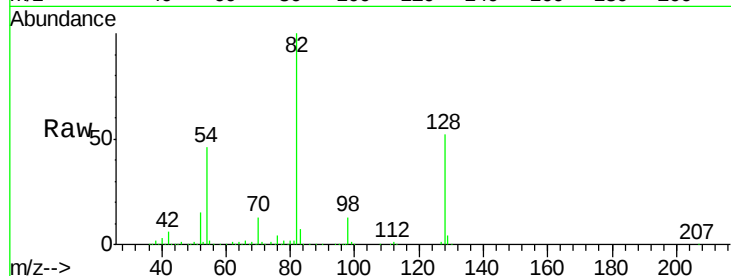
Tgt Ion: 82 Resp: 1133325

Ion Ratio Lower Upper

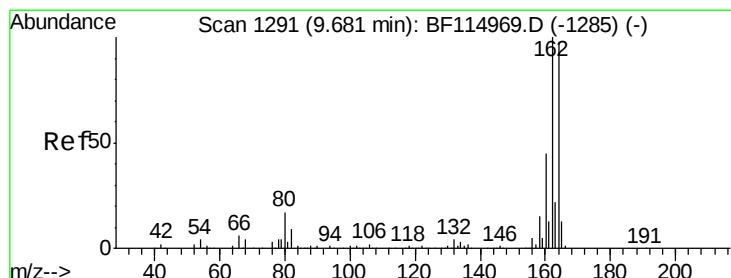
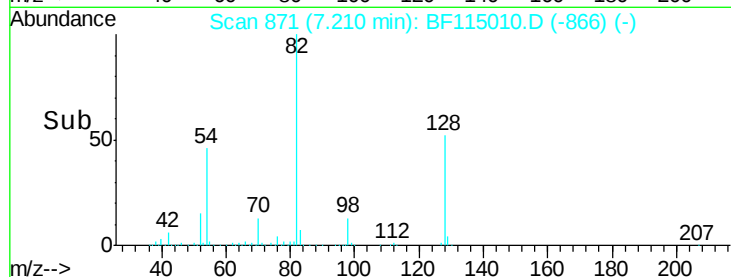
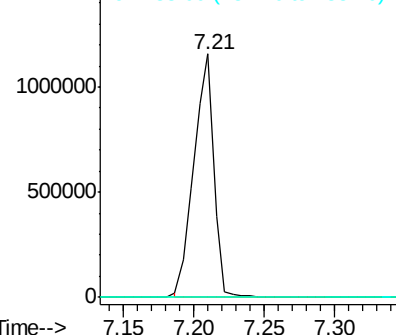
82 100

95 0.0 5.6 8.4#

138 0.0 16.1 24.1#



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: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF115010.D

Acq: 13 Jun 2019 19:10

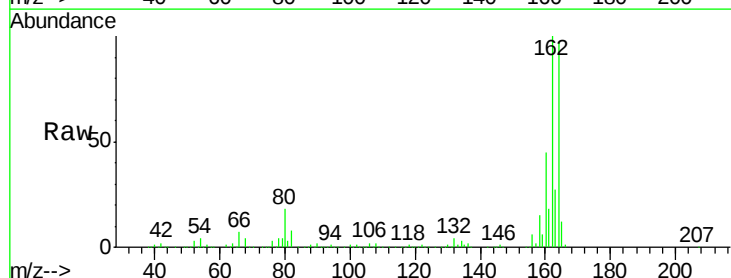
Tgt Ion: 164 Resp: 451877

Ion Ratio Lower Upper

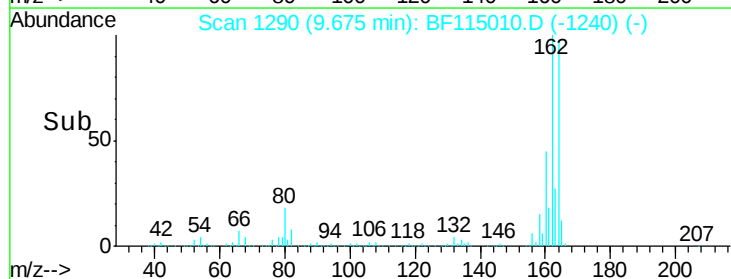
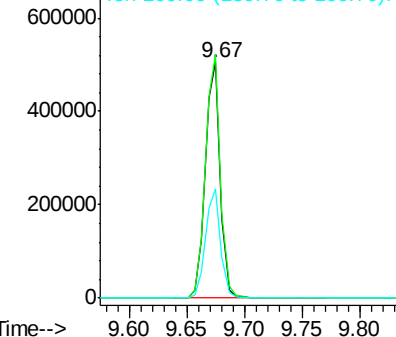
164 100

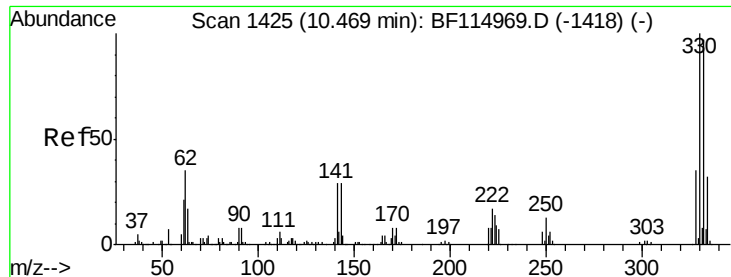
162 103.2 82.6 124.0

160 46.5 36.9 55.3



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

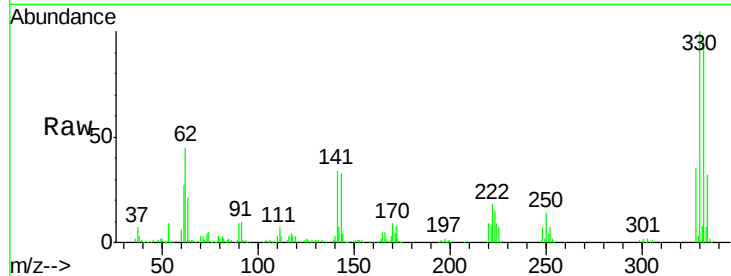




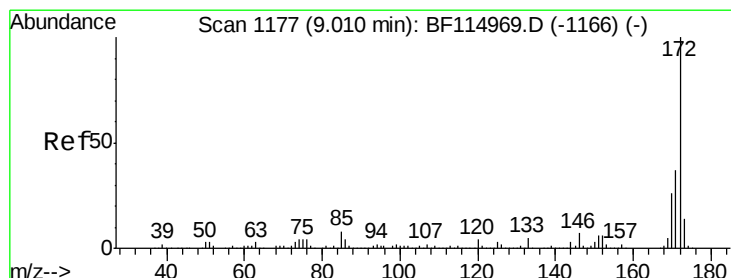
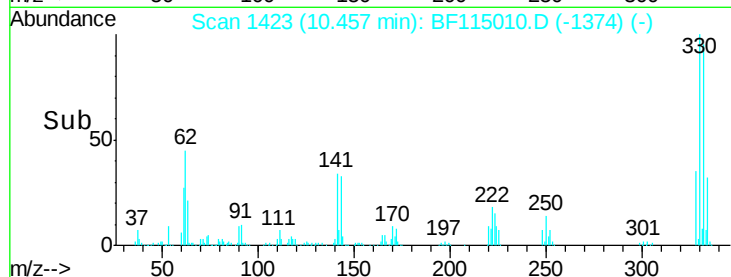
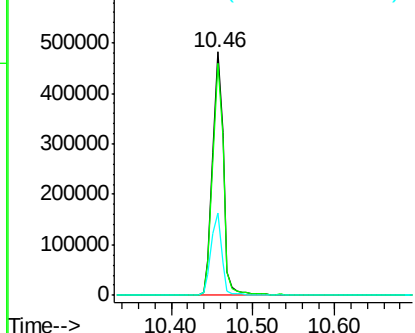
#42
 2,4,6-Tribromophenol
 Concen: 93.107 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115010.D
 Acq: 13 Jun 2019 19:10

Instrument :
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Tgt Ion:330 Resp: 450543
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.6 116.4
 141 33.3 27.2 40.8

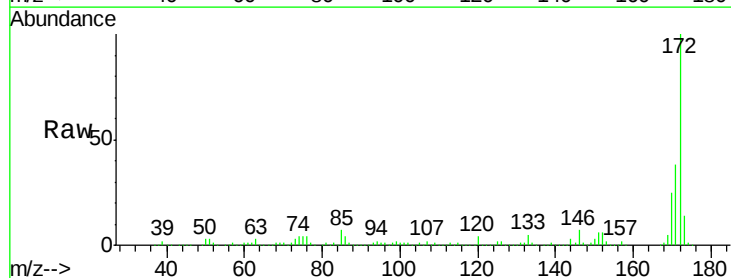


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

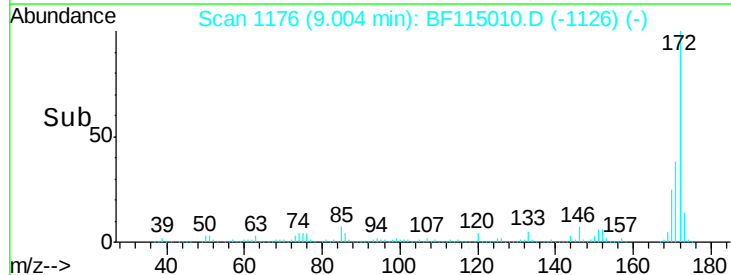
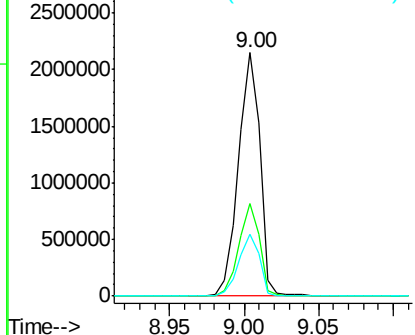


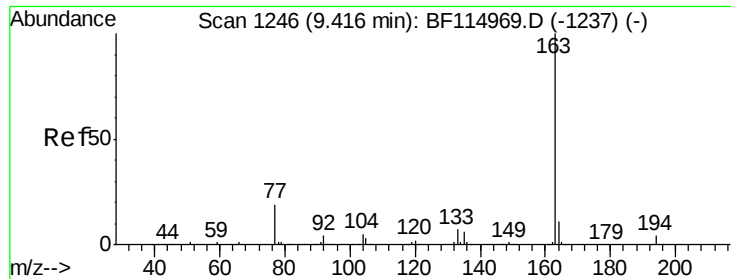
#45
 2-Fluorobiphenyl
 Concen: 81.773 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF115010.D
 Acq: 13 Jun 2019 19:10

Tgt Ion:172 Resp: 2180233
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.8 44.6
 170 25.4 20.6 31.0



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

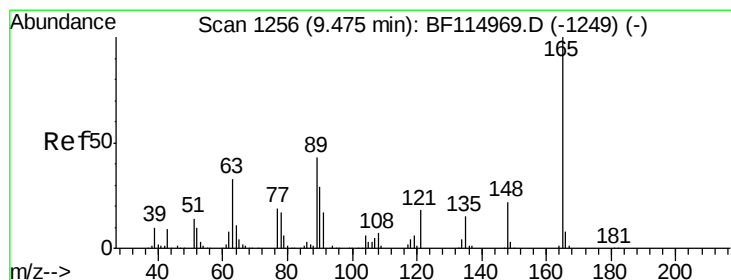
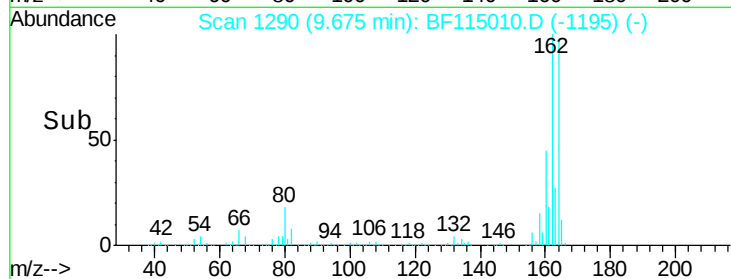
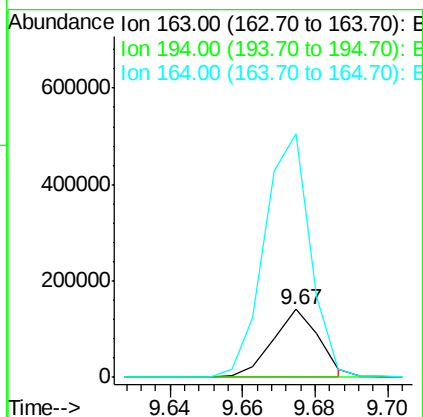
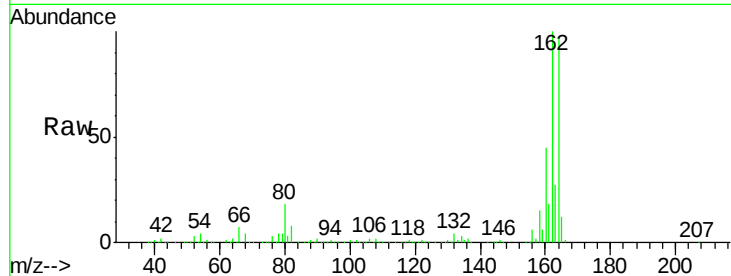




#50
Dimethylphthalate
Concen: 3.693 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.26 min
Lab File: BF115010.D
Acq: 13 Jun 2019 19:10

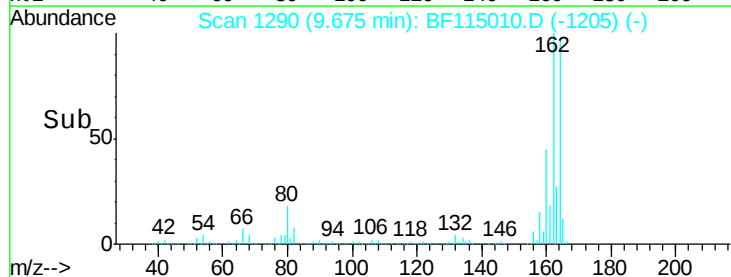
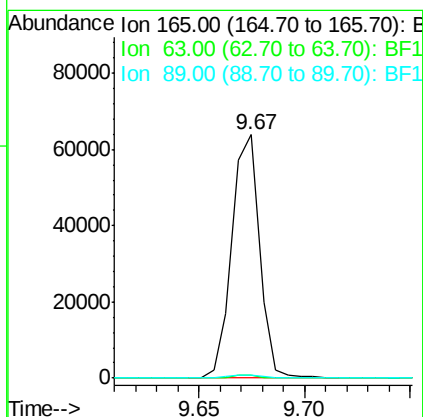
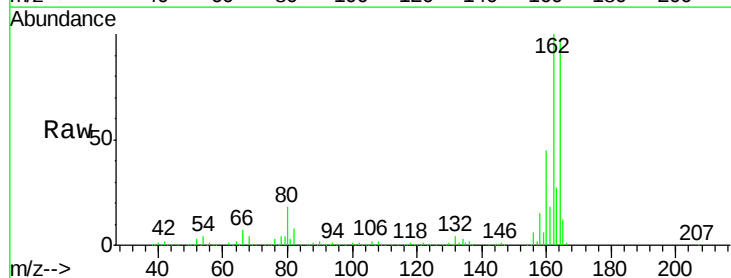
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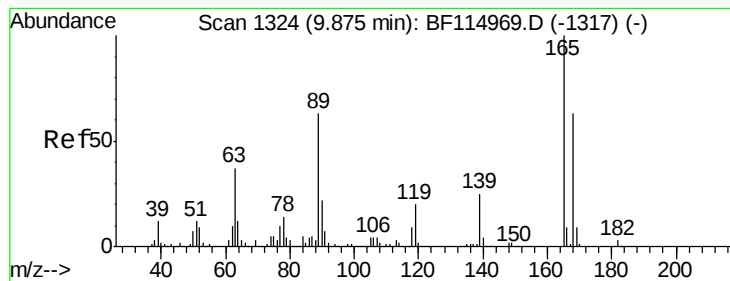
Tgt Ion:163 Resp: 125507
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 358.5 8.6 12.8#



#51
2,6-Dinitrotoluene
Concen: 7.496 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.20 min
Lab File: BF115010.D
Acq: 13 Jun 2019 19:10

Tgt Ion:165 Resp: 57780
Ion Ratio Lower Upper
165 100
63 1.2 30.6 46.0#
89 1.0 34.4 51.6#

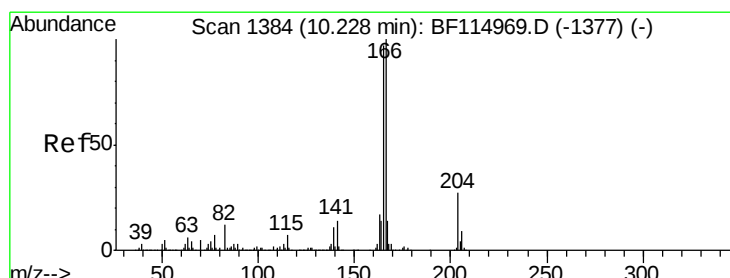
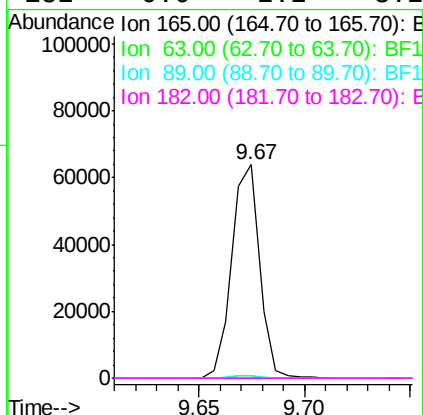
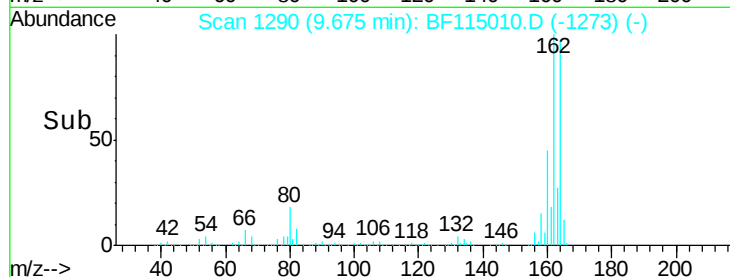
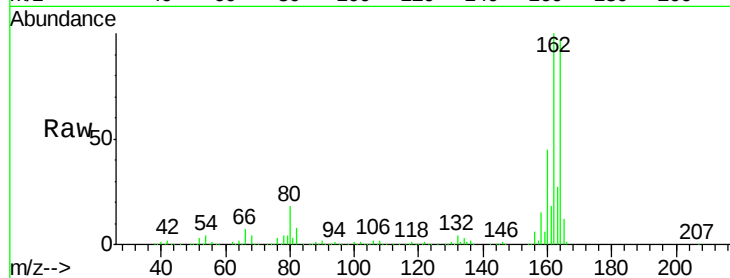




#57
 2,4-Dinitrotoluene
 Concen: 5.889 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.20 min
 Lab File: BF115010.D
 Acq: 13 Jun 2019 19:10

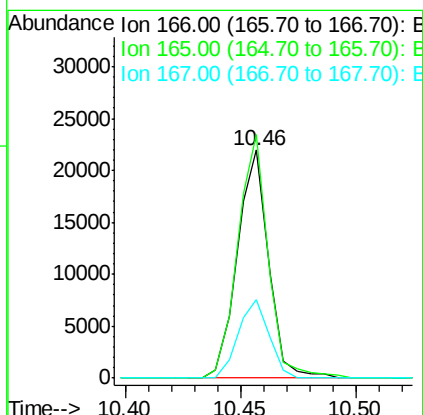
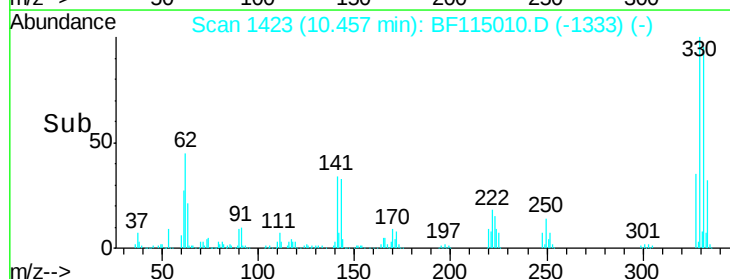
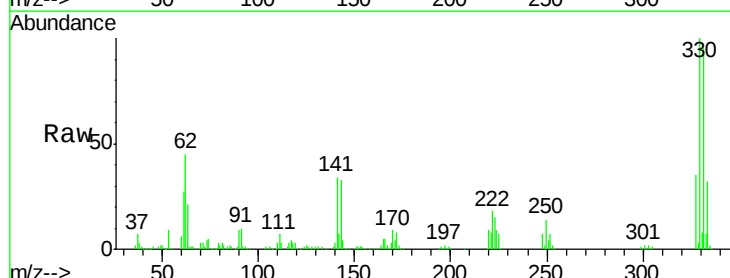
Instrument :
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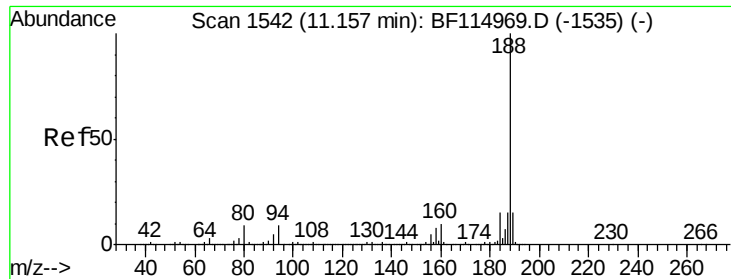
Tgt Ion:	165	Resp:	57780
Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.4	44.2#
89	1.0	50.6	75.8#
182	0.0	2.2	3.2#



#58
 Fluorene
 Concen: Below Cal
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.23 min
 Lab File: BF115010.D
 Acq: 13 Jun 2019 19:10

Tgt Ion:	166	Resp:	20715
Ion	Ratio	Lower	Upper
166	100		
165	106.7	77.6	116.4
167	34.5	11.0	16.4#

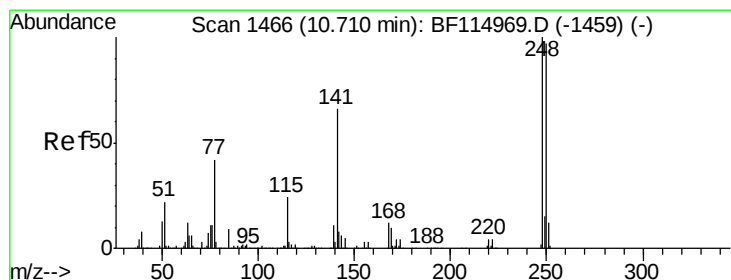
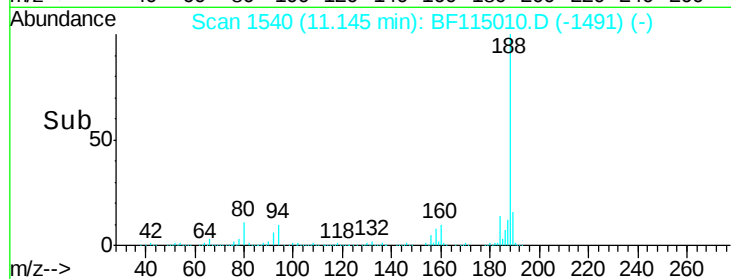
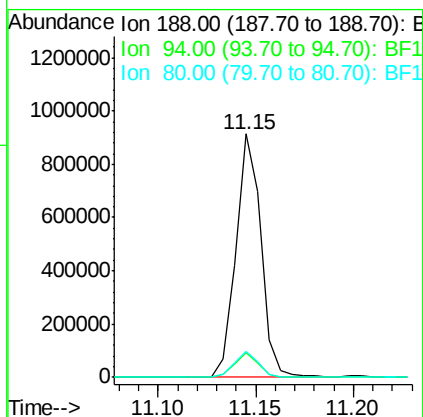
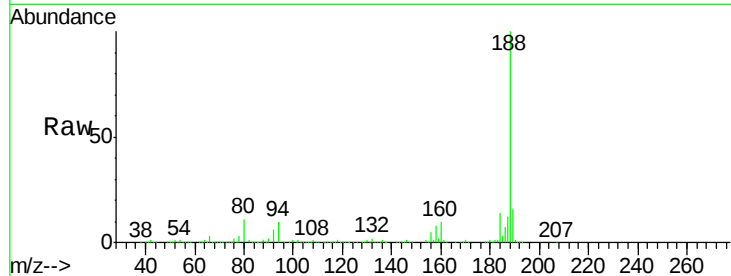




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115010.D
Acq: 13 Jun 2019 19:10

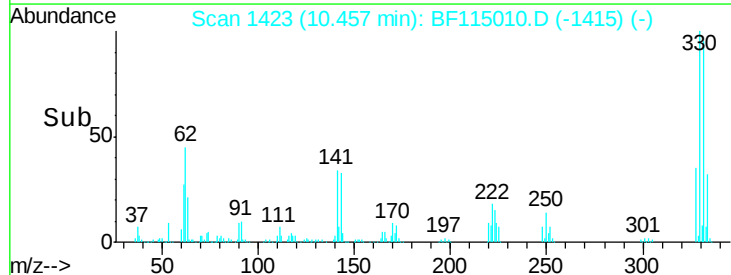
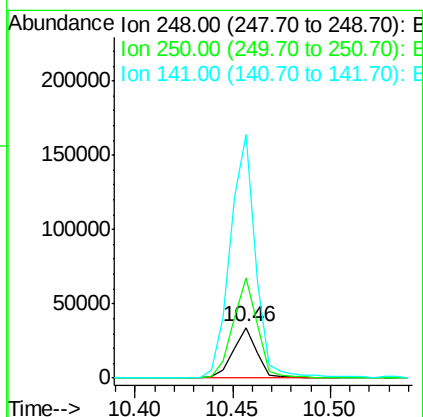
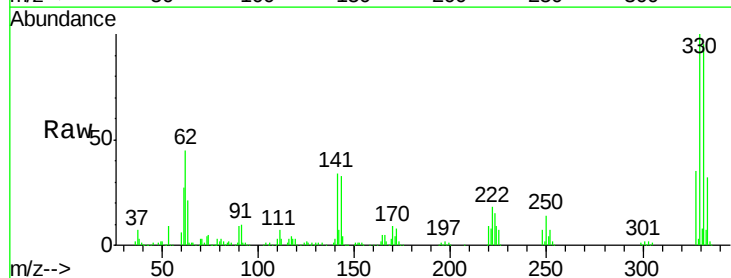
Instrument :
BNA_F
ClientSampleId :
C-MW-5_061119

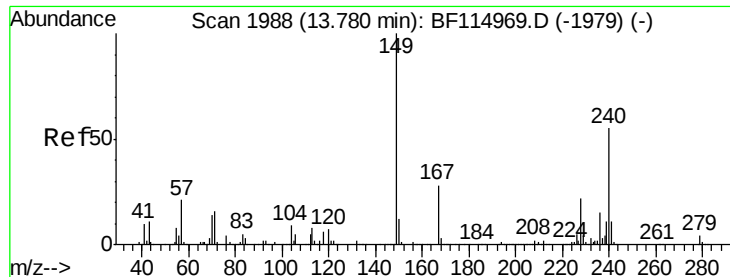
Tgt Ion:188 Resp: 810080
Ion Ratio Lower Upper
188 100
94 10.0 7.2 10.8
80 10.5 7.4 11.2



#67
4-Bromophenyl-phenylether
Concen: 3.310 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.25 min
Lab File: BF115010.D
Acq: 13 Jun 2019 19:10

Tgt Ion:248 Resp: 28794
Ion Ratio Lower Upper
248 100
250 196.5 77.8 116.8#
141 479.8 53.1 79.7#

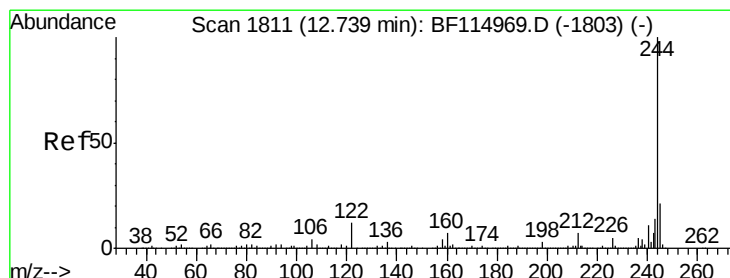
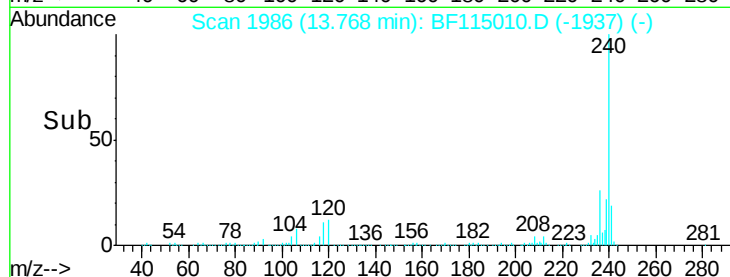
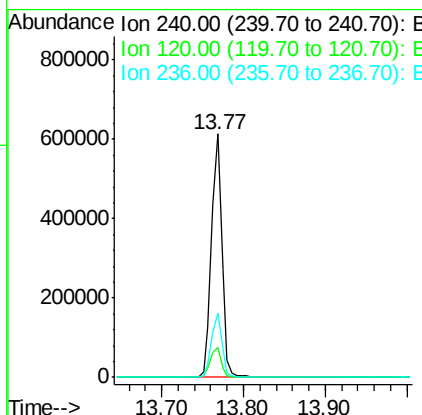
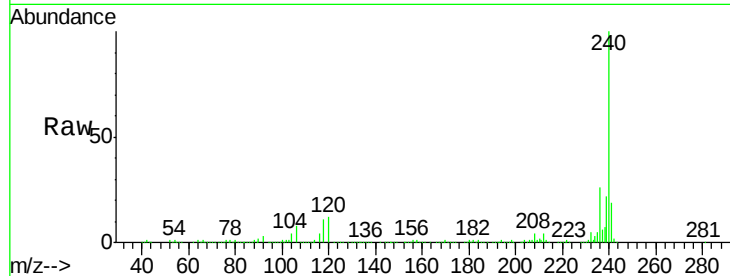




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115010.D
Acq: 13 Jun 2019 19:10

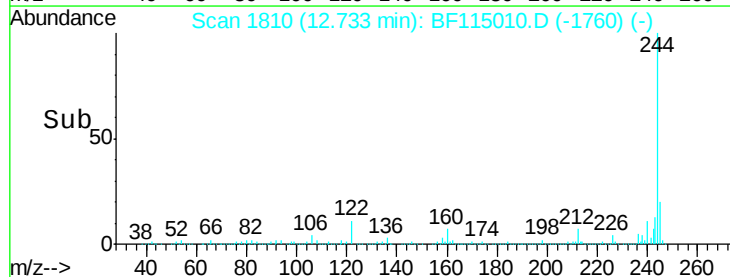
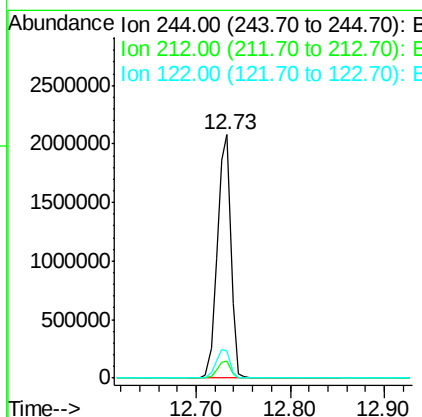
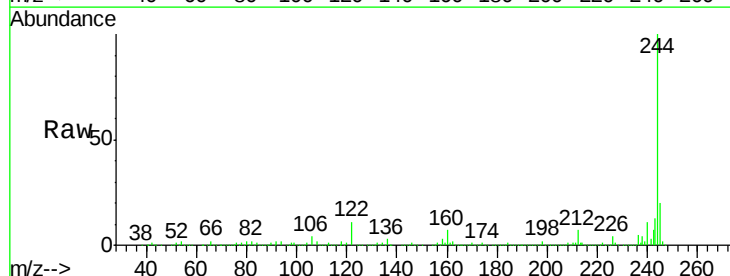
Instrument :
BNA_F
ClientSampleId :
C-MW-5_061119

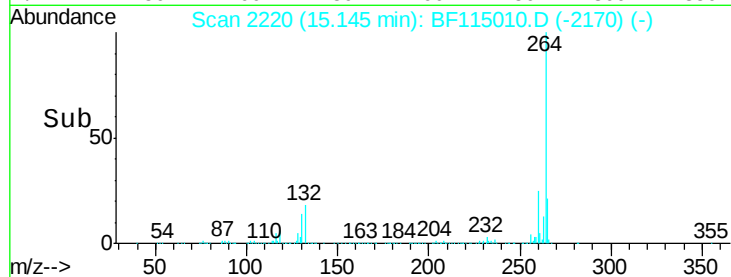
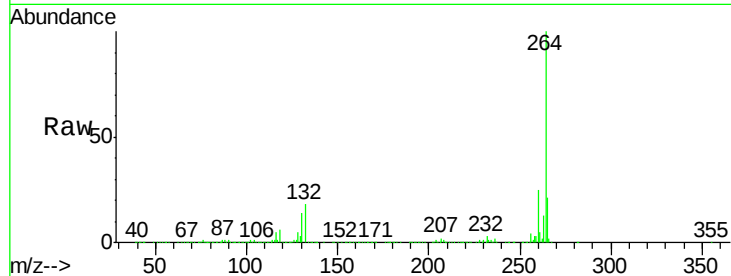
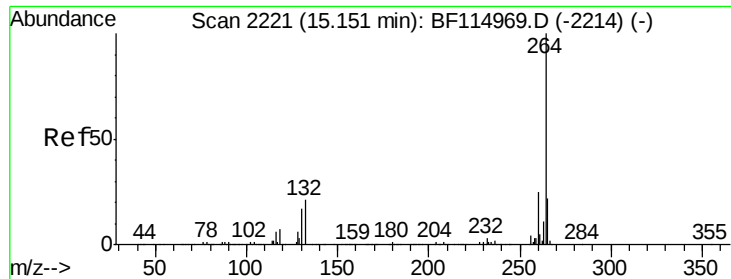
Tgt Ion:240 Resp: 543311
Ion Ratio Lower Upper
240 100
120 12.3 10.0 15.0
236 26.3 21.6 32.4



#79
Terphenyl-d14
Concen: 72.991 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF115010.D
Acq: 13 Jun 2019 19:10

Tgt Ion:244 Resp: 2108436
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 11.5 9.4 14.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF115010.D
Acq: 13 Jun 2019 19:10

Instrument :
BNA_F
ClientSampleId :
C-MW-5_061119

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	21.3	17.6	26.4

