

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070219\
 Data File : BF115373.D
 Acq On : 2 Jul 2019 21:21
 Operator : HP/JU
 Sample : K3585-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RM-WATER-COMP

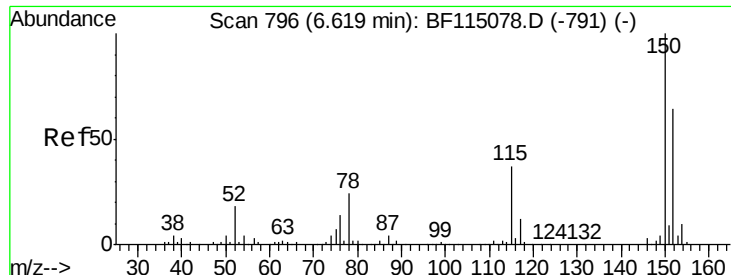
Quant Time: Jul 03 05:55:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	220596	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	834789	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	400626	20.00	ng	0.01
64) Phenanthrene-d10	11.11	188	780880	20.00	ng	0.02
76) Chrysene-d12	13.74	240	488180	20.00	ng	0.02
87) Perylene-d12	15.11	264	501284	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	765326	53.54	ng	0.01
7) Phenol-d6	6.24	99	637966	36.77	ng	0.00
23) Nitrobenzene-d5	7.17	82	1169825	86.20	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	494853	117.13	ng	0.02
45) 2-Fluorobiphenyl	8.97	172	2130743	90.34	ng	0.01
79) Terphenyl-d14	12.71	244	2247417	97.88	ng	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.17	70	156918	14.126	ng	# 76
25) Isophorone	7.17	82	1147944	41.294	ng	# 63
27) 2,4-Dimethylphenol	7.63	122	36577	3.026	ng	# 7
32) Benzoic acid	7.63	122	36577	4.239	ng	98
50) Dimethylphthalate	9.36	163	152785	5.184	ng	99
51) 2,6-Dinitrotoluene	9.64	165	52605	7.731	ng	# 32
54) 2,4-Dinitrophenol	9.53	184	2269	7.932	ng	# 1
57) 2,4-Dinitrotoluene	9.64	165	52606	5.987	ng	# 33
58) Fluorene	10.42	166	21887	Below Cal		# 89
65) 4,6-Dinitro-2-methylphenol	10.42	198	968	5.169	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	31416	3.711	ng	# 1

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

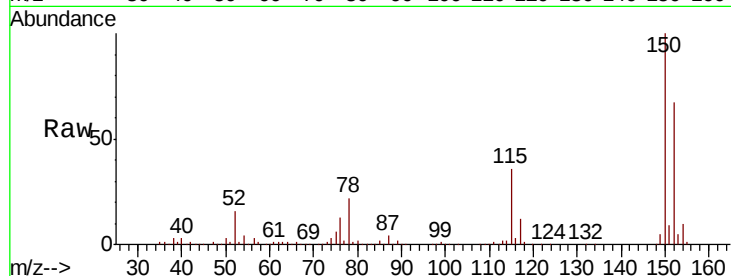


#1

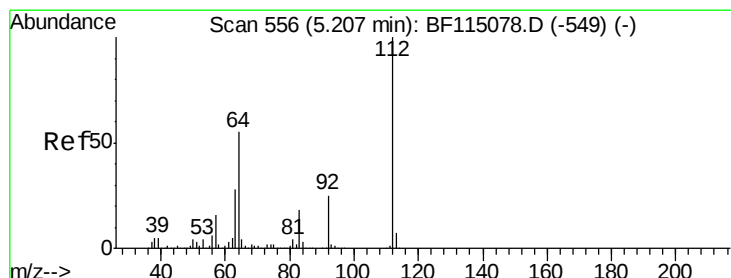
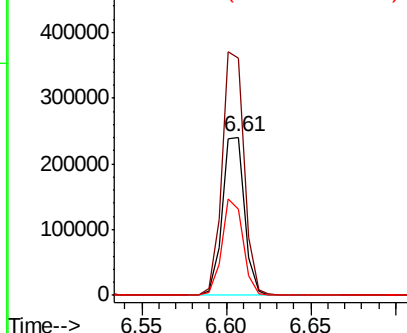
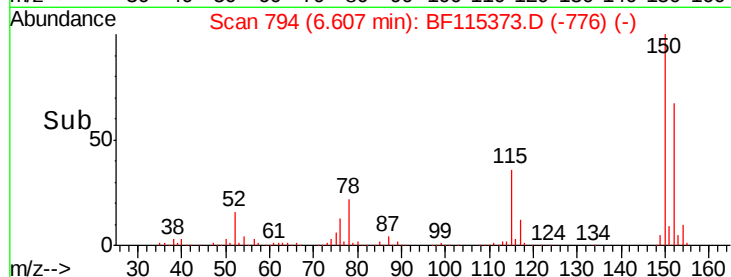
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 794
 Delta R.T. 0.01 min
 Lab File: BF115373.D
 Acq: 2 Jul 2019 21:21

Instrument :
 BNA_F
 ClientSampleId :
 RM-WATER-COMP

Tgt Ion:152 Resp: 220596
 Ion Ratio Lower Upper
 152 100
 150 149.5 124.2 186.2
 115 54.4 46.1 69.1



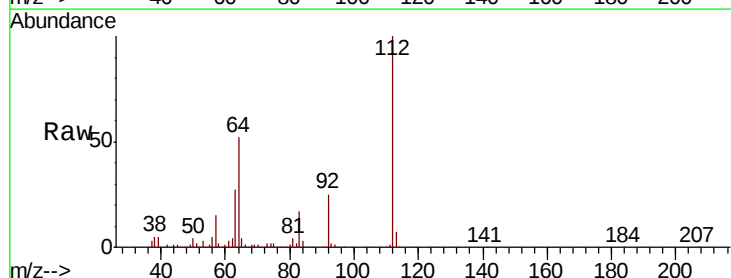
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



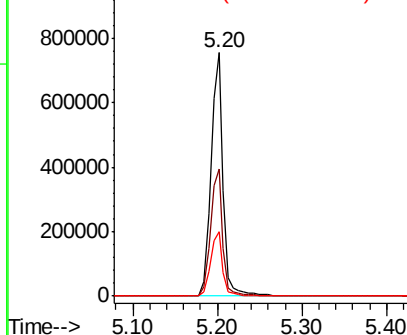
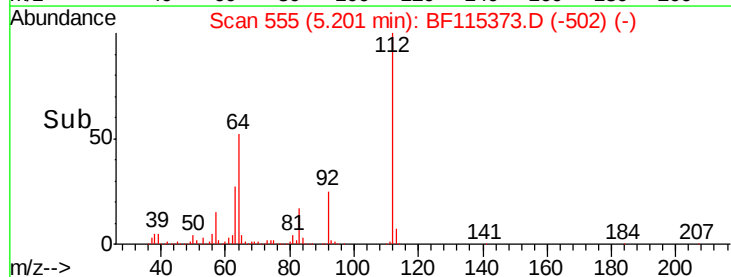
#5

2-Fluorophenol
 Concen: 53.538 ng
 RT: 5.20 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF115373.D
 Acq: 2 Jul 2019 21:21

Tgt Ion:112 Resp: 765326
 Ion Ratio Lower Upper
 112 100
 64 52.3 43.8 65.6
 63 26.7 22.2 33.4



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: 36.769 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115373.D

Acq: 2 Jul 2019 21:21

Instrument :

BNA_F

ClientSampleId :

RM-WATER-COMP

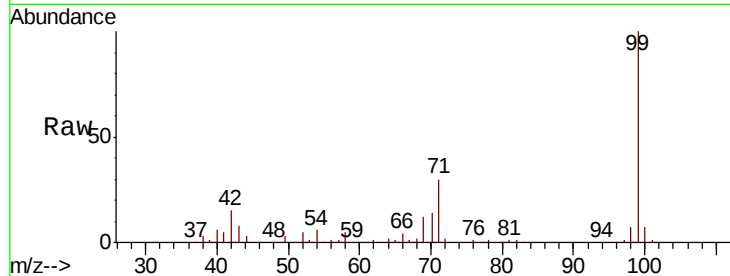
Tgt Ion: 99 Resp: 637966

Ion Ratio Lower Upper

99 100

42 15.1 13.6 20.4

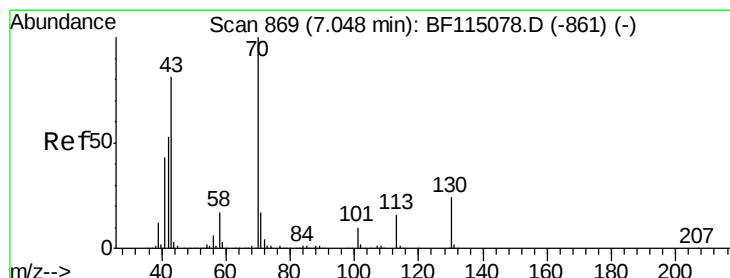
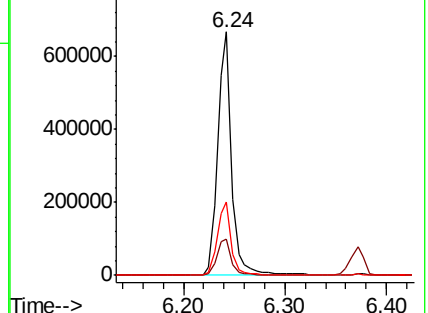
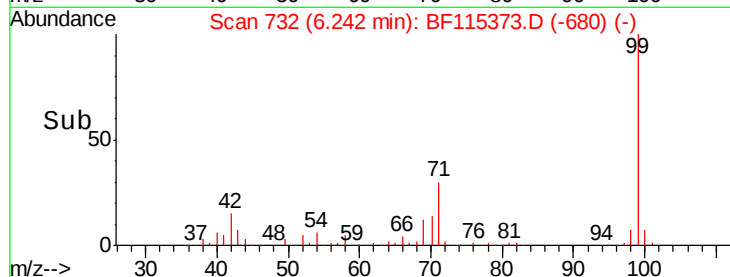
71 30.3 25.5 38.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.126 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.15 min

Lab File: BF115373.D

Acq: 2 Jul 2019 21:21

Tgt Ion: 70 Resp: 156918

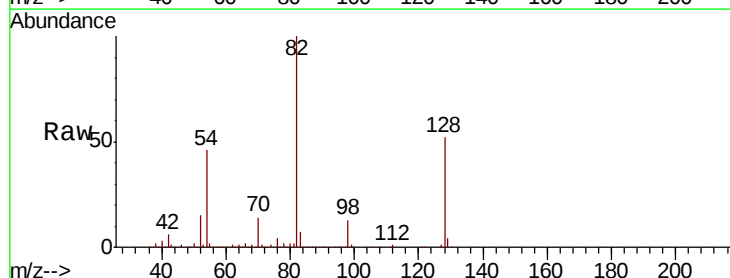
Ion Ratio Lower Upper

70 100

42 43.4 42.6 63.8

101 0.0 8.0 12.0#

130 2.4 19.4 29.0#

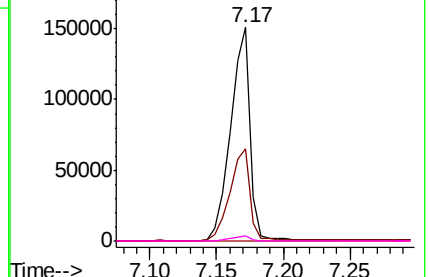
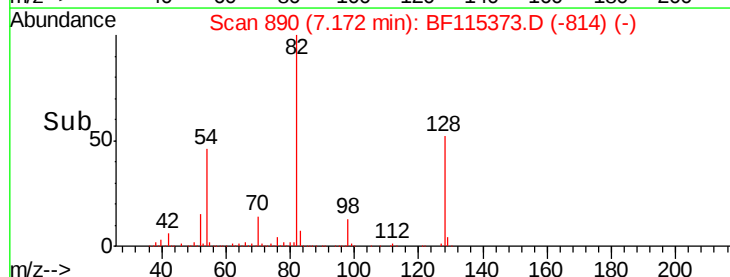


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

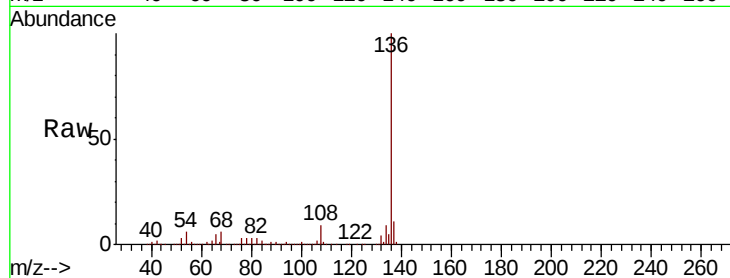




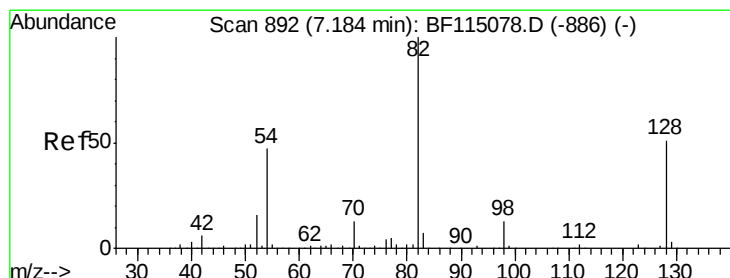
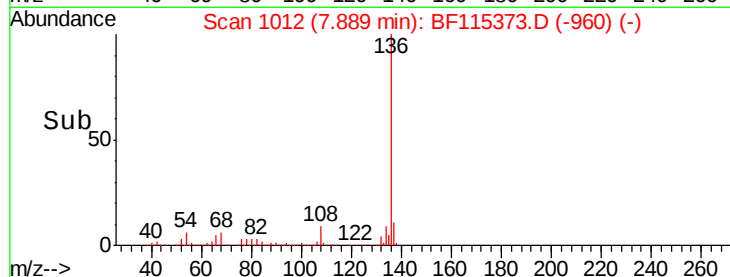
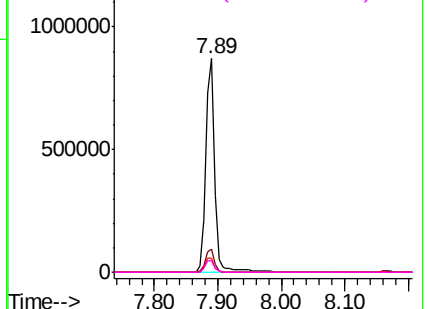
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF115373.D
Acq: 2 Jul 2019 21:21

Instrument :
BNA_F
ClientSampleId :
RM-WATER-COMP

Tgt Ion:	136	Resp:	834789
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.4	5.6	8.4
68	5.6	4.8	7.2

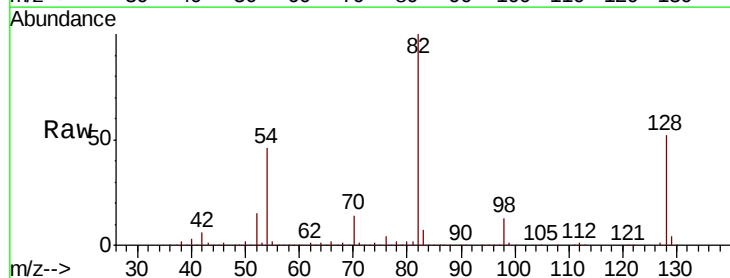


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

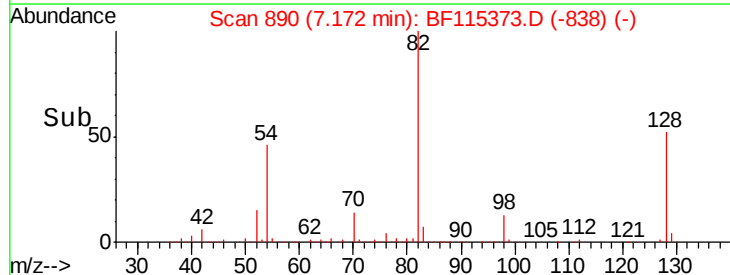
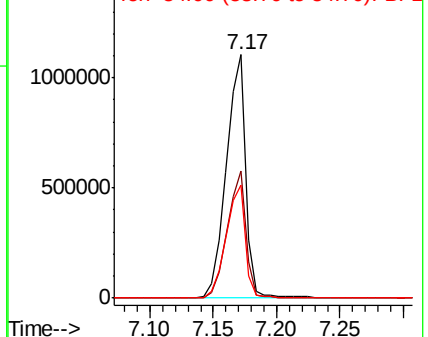


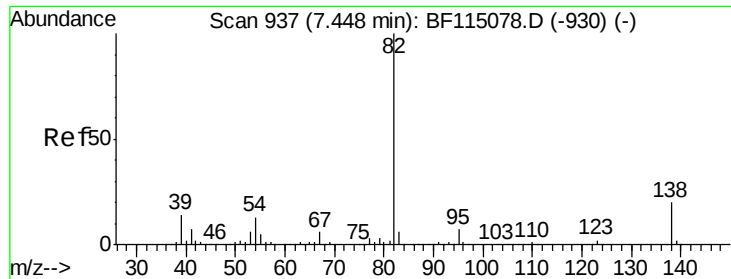
#23
Nitrobenzene-d5
Concen: 86.204 ng
RT: 7.17 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF115373.D
Acq: 2 Jul 2019 21:21

Tgt Ion:	82	Resp:	1169825
Ion	Ratio	Lower	Upper
82	100		
128	52.4	40.4	60.6
54	46.2	37.5	56.3



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: 41.294 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.25 min

Lab File: BF115373.D

Acq: 2 Jul 2019 21:21

Instrument :

BNA_F

ClientSampleId :

RM-WATER-COMP

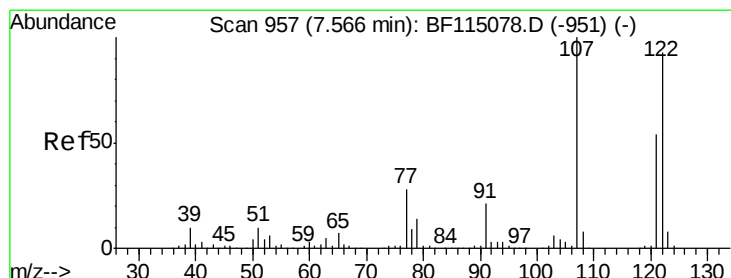
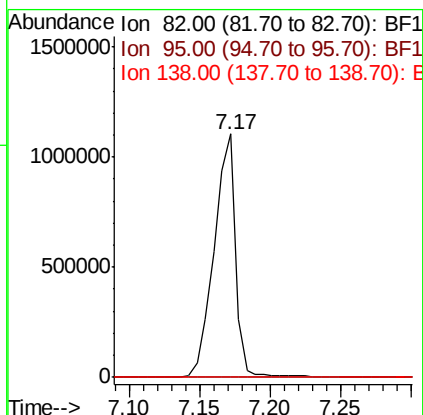
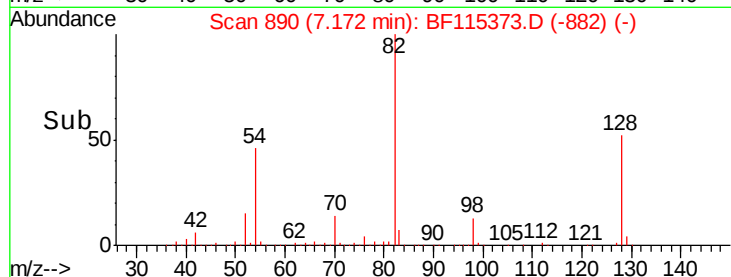
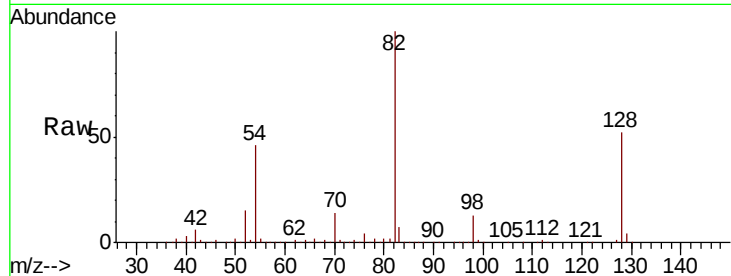
Tgt Ion: 82 Resp: 1147944

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 15.9 23.9#



#27

2,4-Dimethylphenol

Concen: 3.026 ng

RT: 7.63 min Scan# 968

Delta R.T. 0.08 min

Lab File: BF115373.D

Acq: 2 Jul 2019 21:21

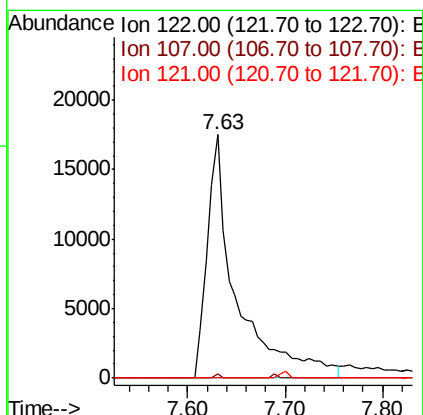
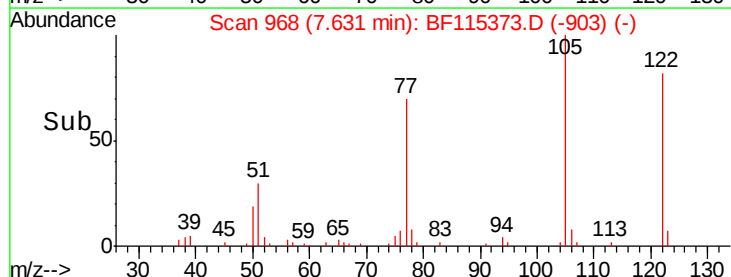
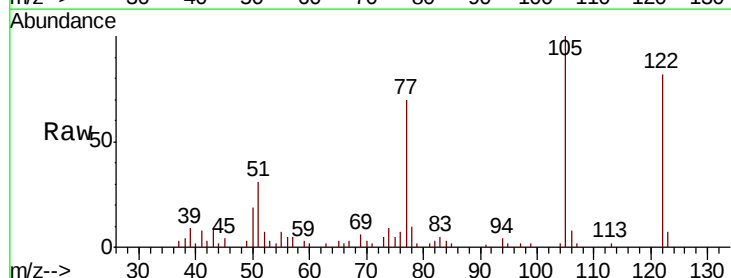
Tgt Ion: 122 Resp: 36577

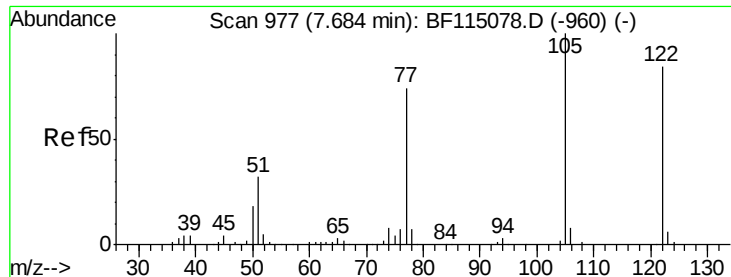
Ion Ratio Lower Upper

122 100

107 1.8 85.8 128.6#

121 0.0 46.3 69.5#

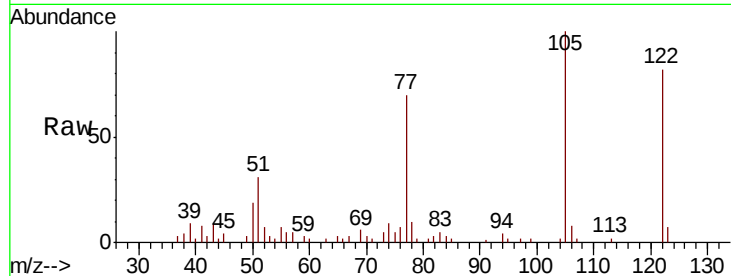




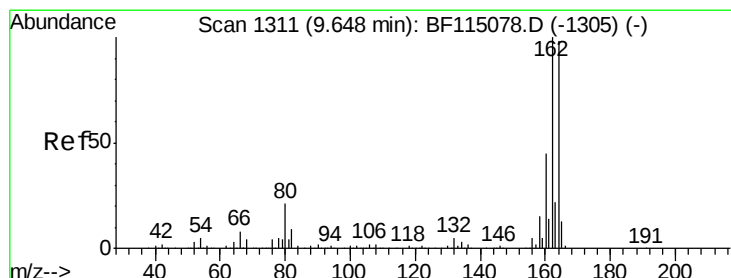
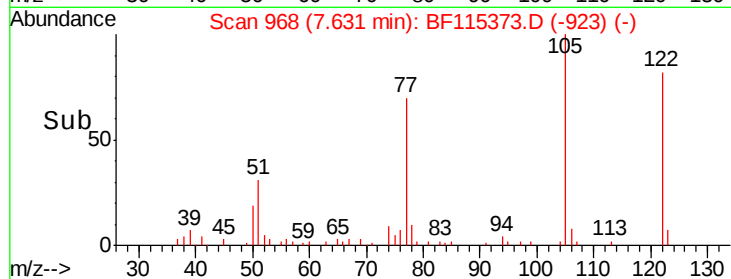
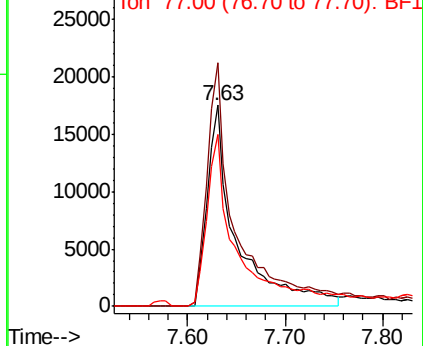
#32
Benzoic acid
Concen: 4.239 ng
RT: 7.63 min Scan# 968
Delta R.T. -0.04 min
Lab File: BF115373.D
Acq: 2 Jul 2019 21:21

Instrument :
BNA_F
ClientSampleId :
RM-WATER-COMP

Tgt Ion:122 Resp: 36577
Ion Ratio Lower Upper
122 100
105 121.2 98.2 138.2
77 85.3 67.0 107.0

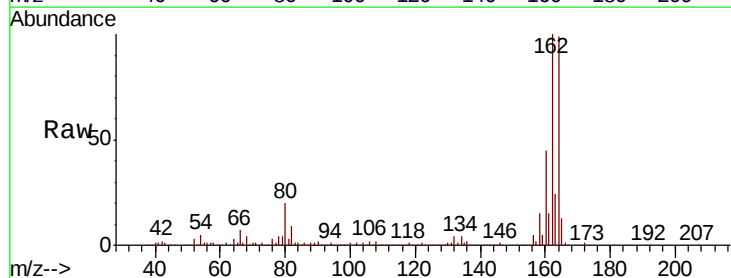


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

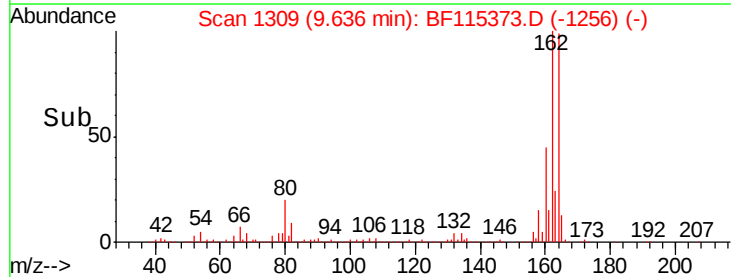
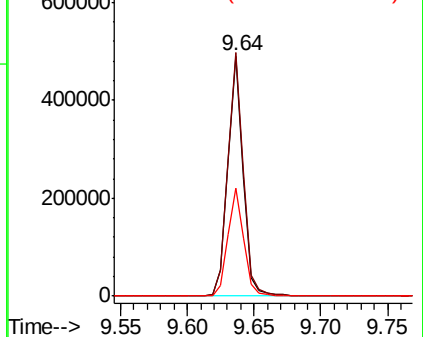


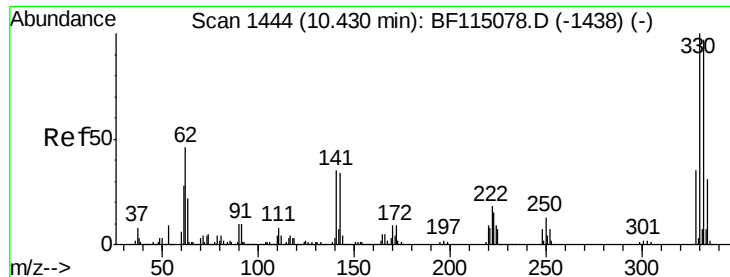
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF115373.D
Acq: 2 Jul 2019 21:21

Tgt Ion:164 Resp: 400626
Ion Ratio Lower Upper
164 100
162 101.4 81.7 122.5
160 45.2 37.0 55.4



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

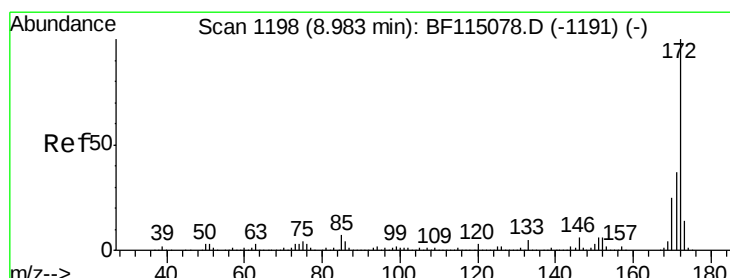
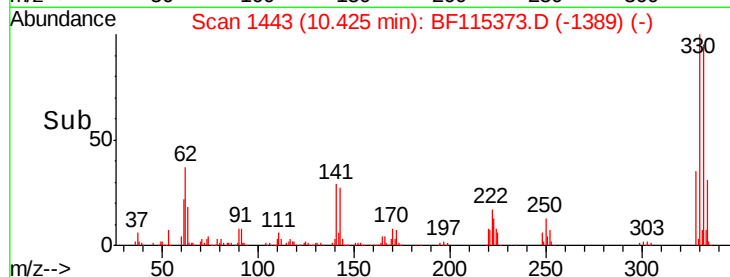
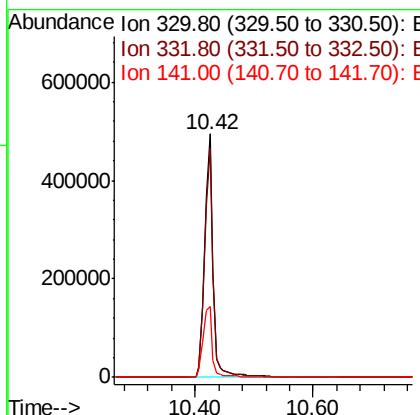
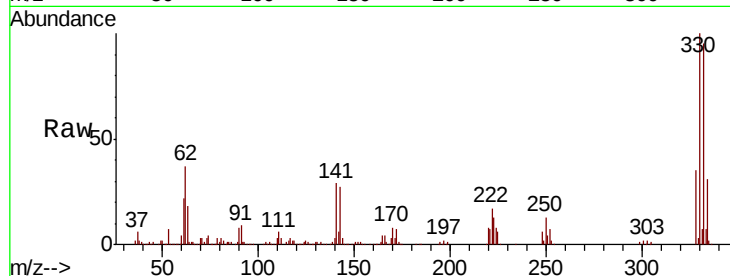




#42
 2,4,6-Tribromophenol
 Concen: 117.132 ng
 RT: 10.42 min Scan# 1443
 Delta R.T. 0.02 min
 Lab File: BF115373.D
 Acq: 2 Jul 2019 21:21

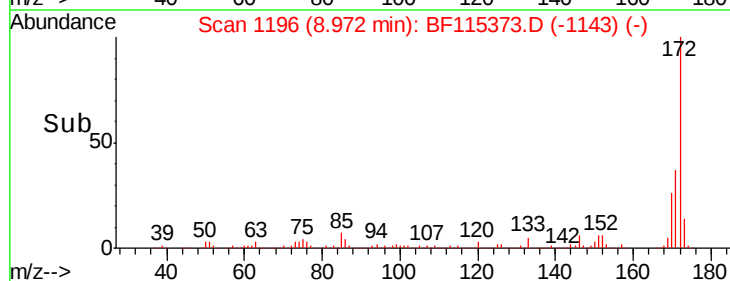
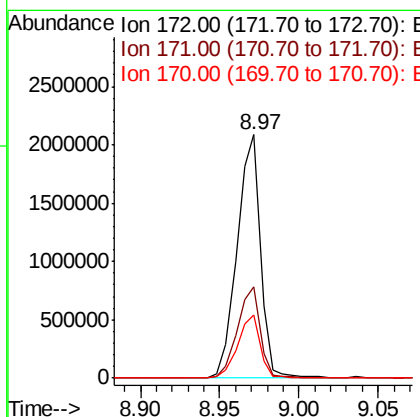
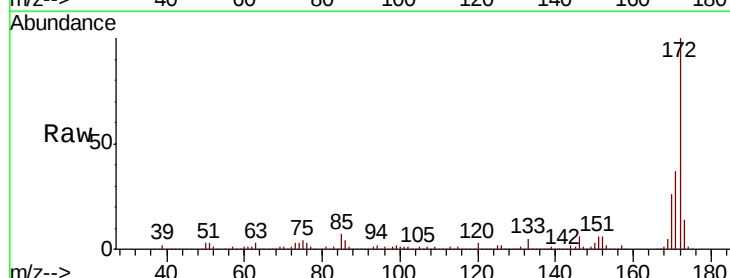
Instrument :
 BNA_F
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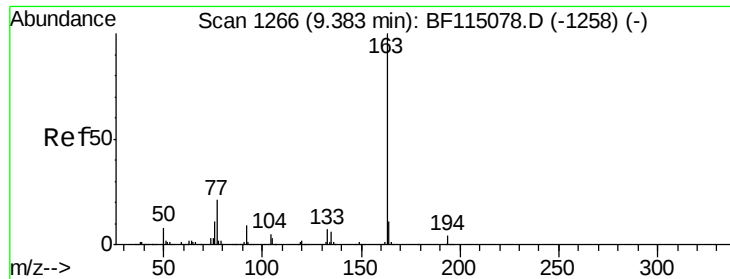
Tgt Ion:330 Resp: 494853
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.3 115.9
 141 32.0 28.2 42.2



#45
 2-Fluorobiphenyl
 Concen: 90.342 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF115373.D
 Acq: 2 Jul 2019 21:21

Tgt Ion:172 Resp: 2130743
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 25.8 20.3 30.5

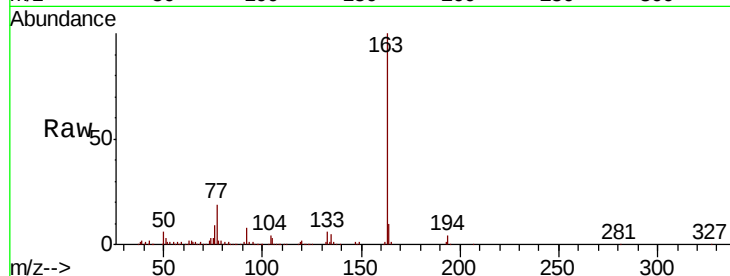




#50
Dimethylphthalate
Concen: 5.184 ng
RT: 9.36 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BF115373.D
Acq: 2 Jul 2019 21:21

Instrument :
BNA_F
ClientSampleId :
RM-WATER-COMP

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.1	8.6	13.0

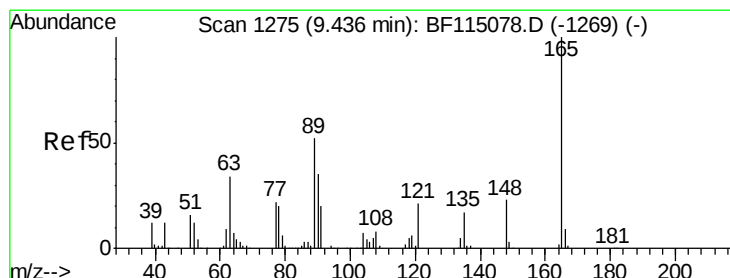
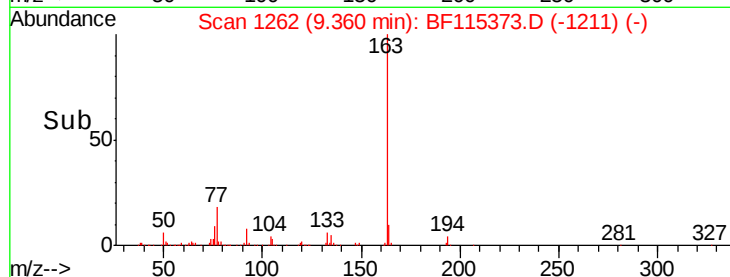
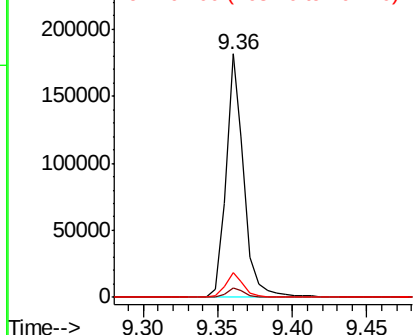


Abundance

Ion 163.00 (162.70 to 163.70): E

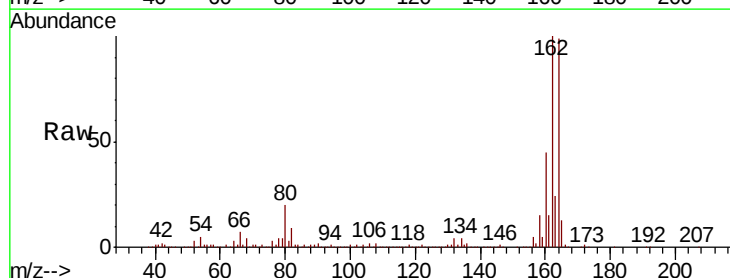
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51
2,6-Dinitrotoluene
Concen: 7.731 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.22 min
Lab File: BF115373.D
Acq: 2 Jul 2019 21:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	39.4	59.2#
89	4.6	42.0	63.0#

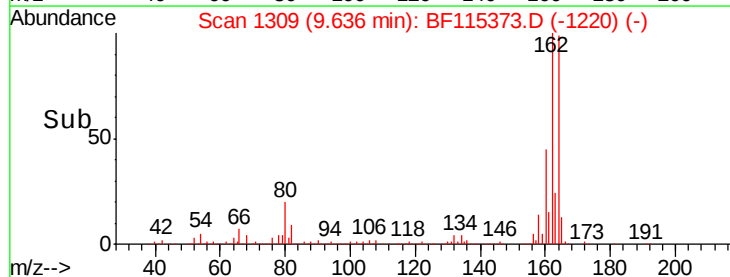
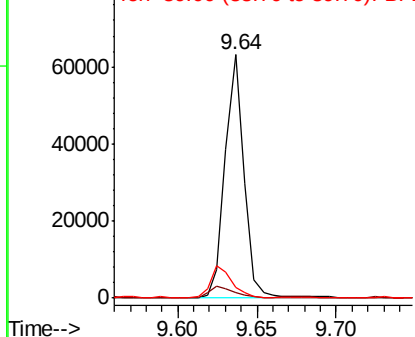


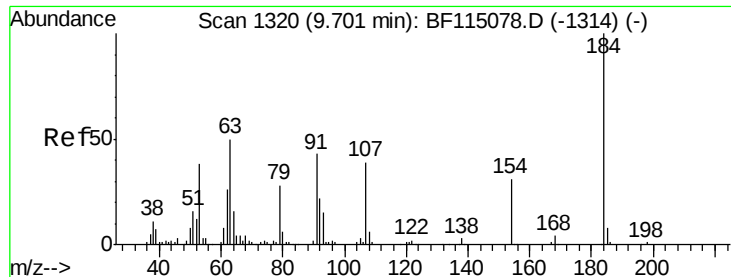
Abundance

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

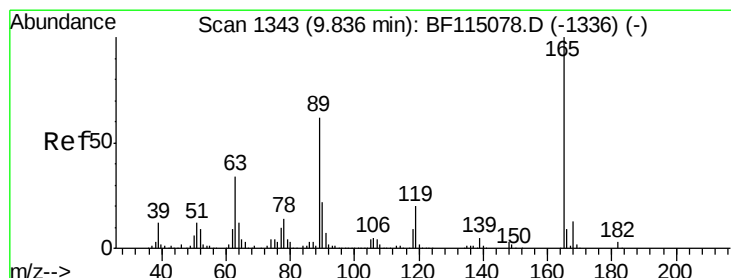
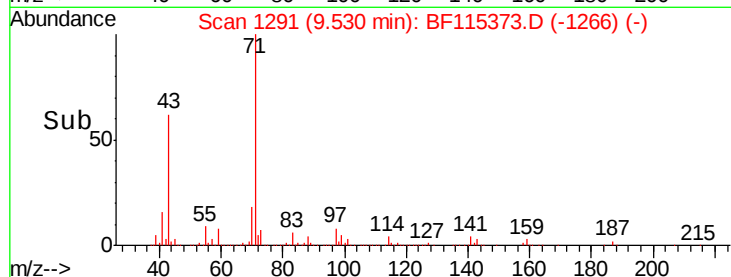
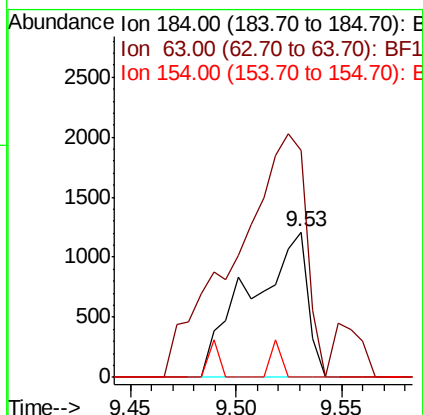
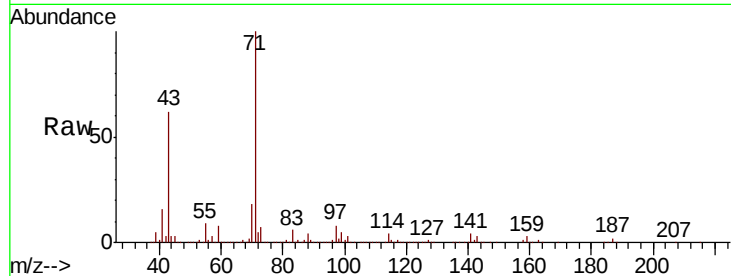




#54
 2,4-Dinitrophenol
 Concen: 7.932 ng
 RT: 9.53 min Scan# 1291
 Delta R.T. -0.15 min
 Lab File: BF115373.D
 Acq: 2 Jul 2019 21:21

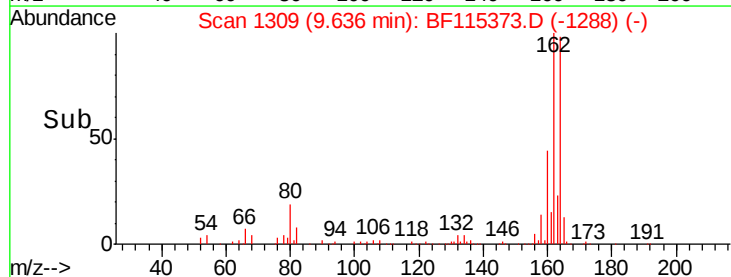
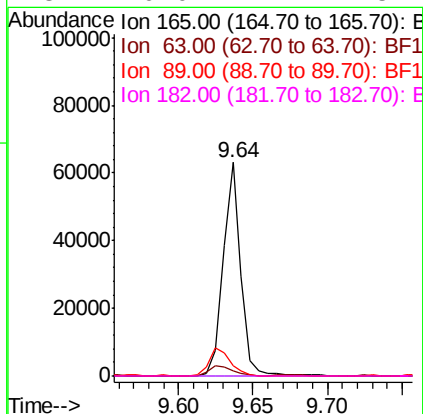
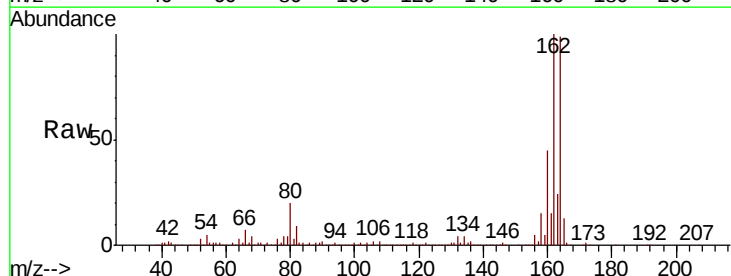
Instrument :
 BNA_F
 ClientSampleId :
 RM-WATER-COMP

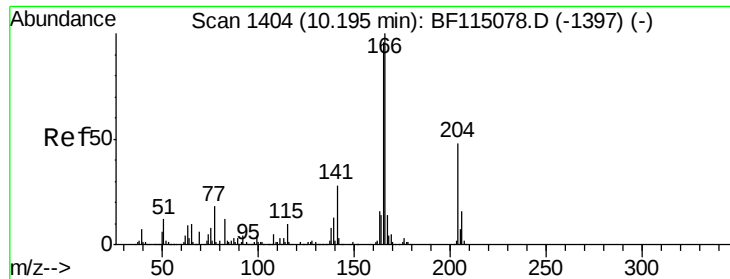
Tgt Ion:184 Resp: 2269
 Ion Ratio Lower Upper
 184 100
 63 156.4 41.9 62.9#
 154 0.0 44.7 67.1#



#57
 2,4-Dinitrotoluene
 Concen: 5.987 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.18 min
 Lab File: BF115373.D
 Acq: 2 Jul 2019 21:21

Tgt Ion:165 Resp: 52606
 Ion Ratio Lower Upper
 165 100
 63 2.2 27.5 41.3#
 89 4.6 49.9 74.9#
 182 0.0 2.1 3.1#

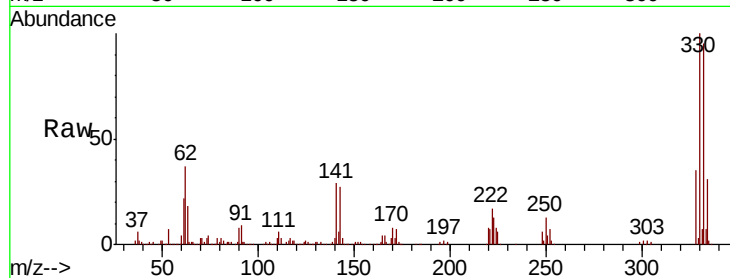




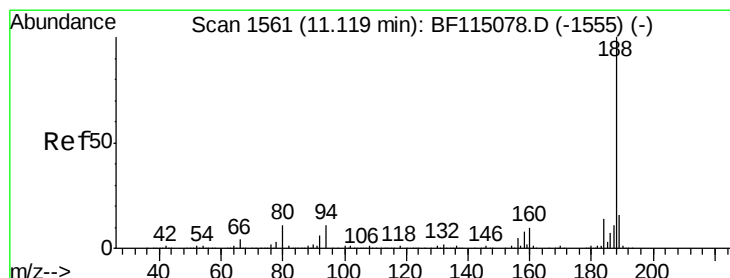
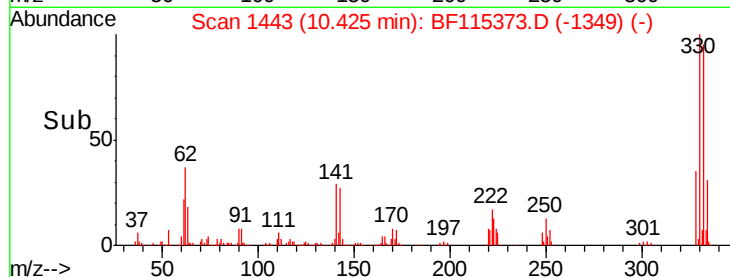
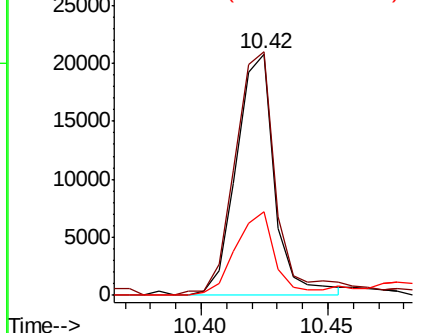
#58
 Fluorene
 Concen: Below Cal
 RT: 10.42 min Scan# 1443
 Delta R.T. 0.25 min
 Lab File: BF115373.D
 Acq: 2 Jul 2019 21:21

Instrument :
 BNA_F
 ClientSampleId :
 RM-WATER-COMP

Tgt Ion:166 Resp: 21887
 Ion Ratio Lower Upper
 166 100
 165 100.8 76.5 114.7
 167 34.7 11.0 16.4#

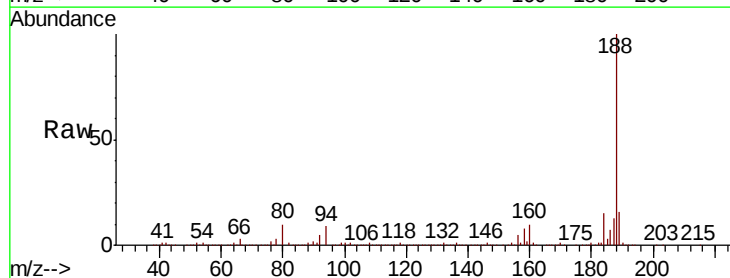


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

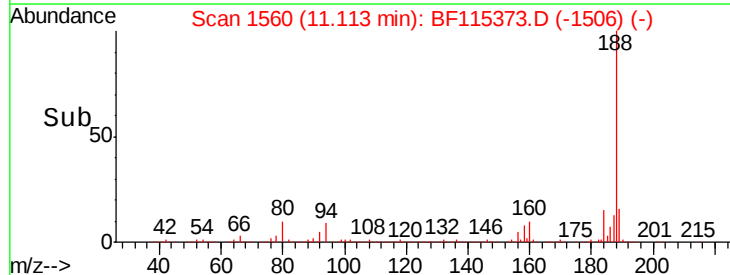
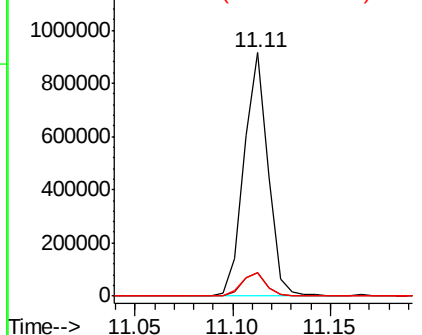


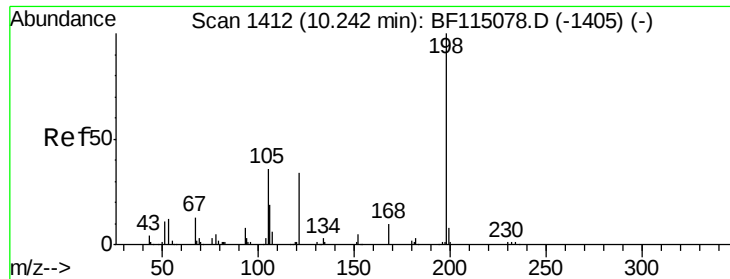
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.11 min Scan# 1560
 Delta R.T. 0.02 min
 Lab File: BF115373.D
 Acq: 2 Jul 2019 21:21

Tgt Ion:188 Resp: 780880
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.6 12.8
 80 9.6 8.8 13.2



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

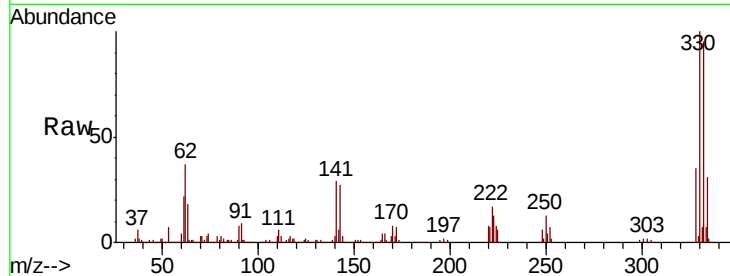




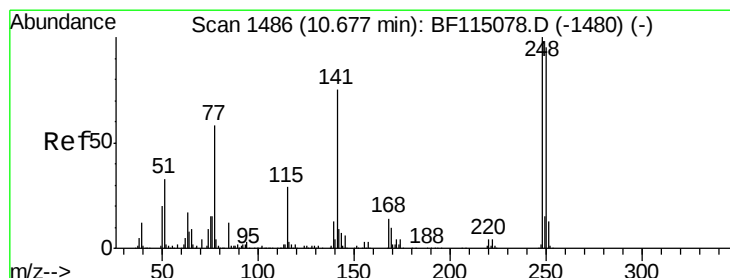
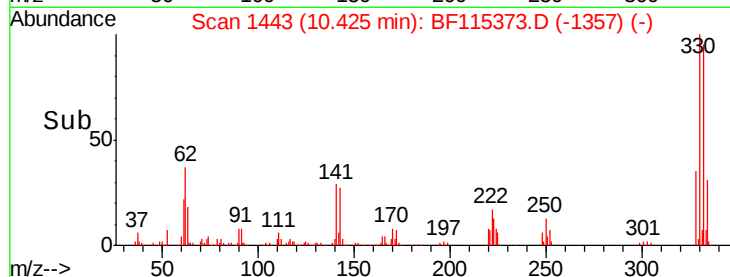
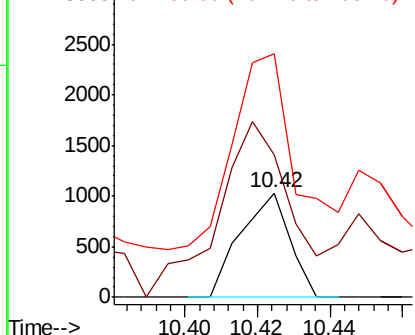
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.169 ng
 RT: 10.42 min Scan# 1443
 Delta R.T. 0.21 min
 Lab File: BF115373.D
 Acq: 2 Jul 2019 21:21

Instrument :
 BNA_F
 ClientSampleId :
 RM-WATER-COMP

Tgt Ion:198 Resp: 968
 Ion Ratio Lower Upper
 198 100
 51 136.2 11.0 51.0#
 105 233.6 17.3 57.3#

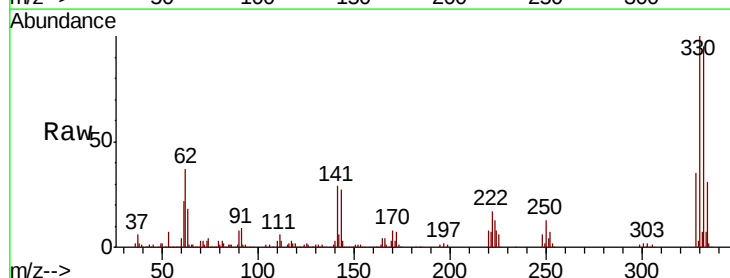


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

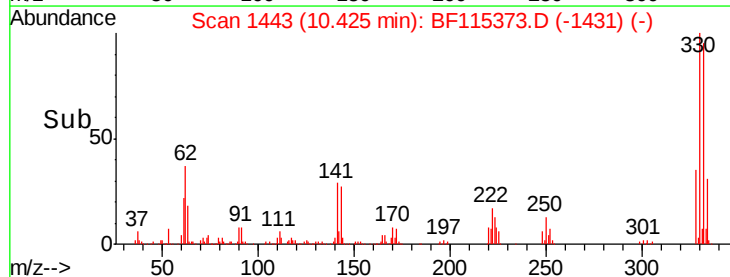
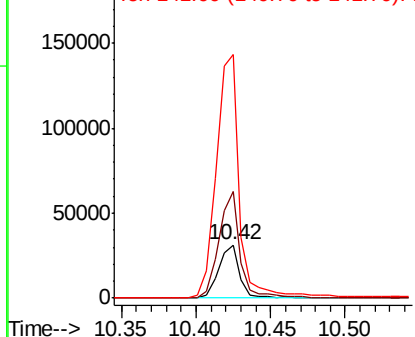


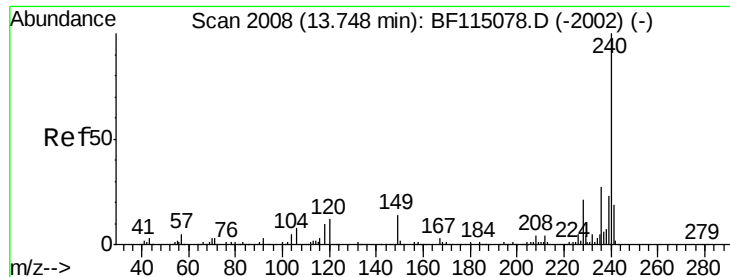
#67
 4-Bromophenyl-phenylether
 Concen: 3.711 ng
 RT: 10.42 min Scan# 1443
 Delta R.T. -0.23 min
 Lab File: BF115373.D
 Acq: 2 Jul 2019 21:21

Tgt Ion:248 Resp: 31416
 Ion Ratio Lower Upper
 248 100
 250 201.7 76.2 114.2#
 141 457.8 59.6 89.4#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

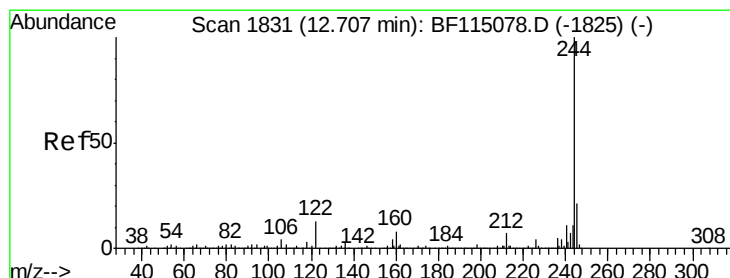
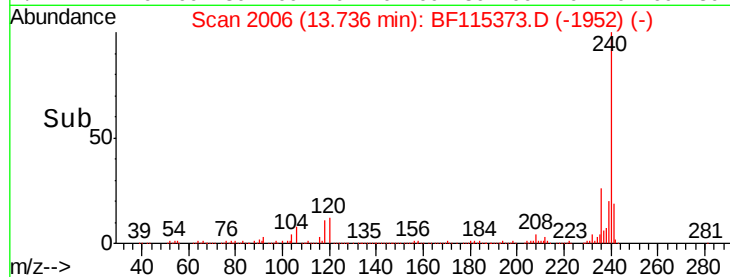
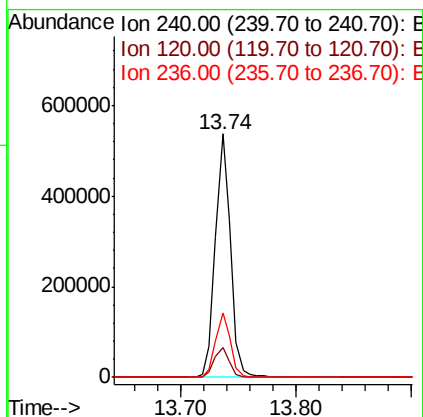
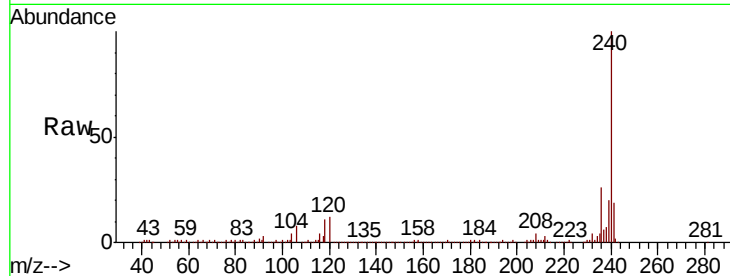




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 2006
Delta R.T. 0.02 min
Lab File: BF115373.D
Acq: 2 Jul 2019 21:21

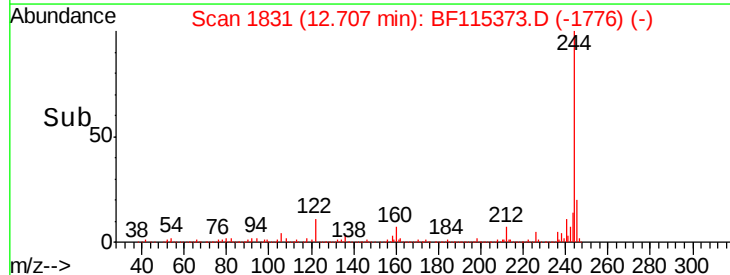
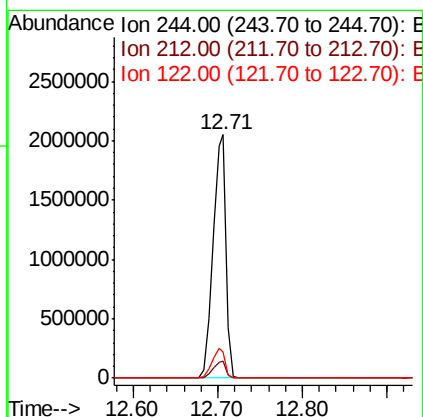
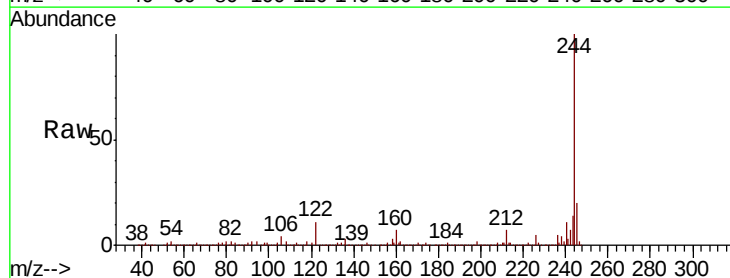
Instrument :
BNA_F
ClientSampleId :
RM-WATER-COMP

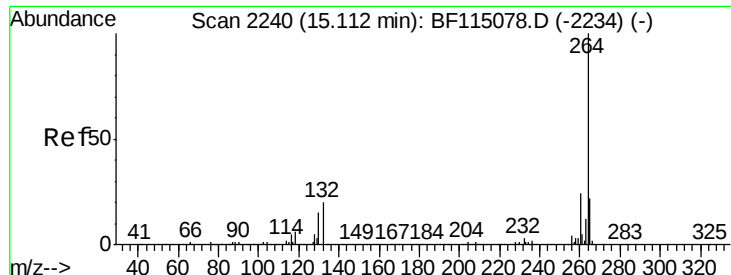
Tgt Ion:240 Resp: 488180
Ion Ratio Lower Upper
240 100
120 12.3 9.4 14.2
236 26.2 21.7 32.5



#79
Terphenyl-d14
Concen: 97.881 ng
RT: 12.71 min Scan# 1831
Delta R.T. 0.02 min
Lab File: BF115373.D
Acq: 2 Jul 2019 21:21

Tgt Ion:244 Resp: 2247417
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 10.8 10.4 15.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2239
Delta R.T. 0.02 min
Lab File: BF115373.D
Acq: 2 Jul 2019 21:21

Instrument :
BNA_F
ClientSampleId :
RM-WATER-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.4	17.3	25.9

