

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
 Data File : BF121347.D
 Acq On : 20 Aug 2020 15:12
 Operator : JU/CG
 Sample : L3645-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-3

Quant Time: Aug 20 15:36:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

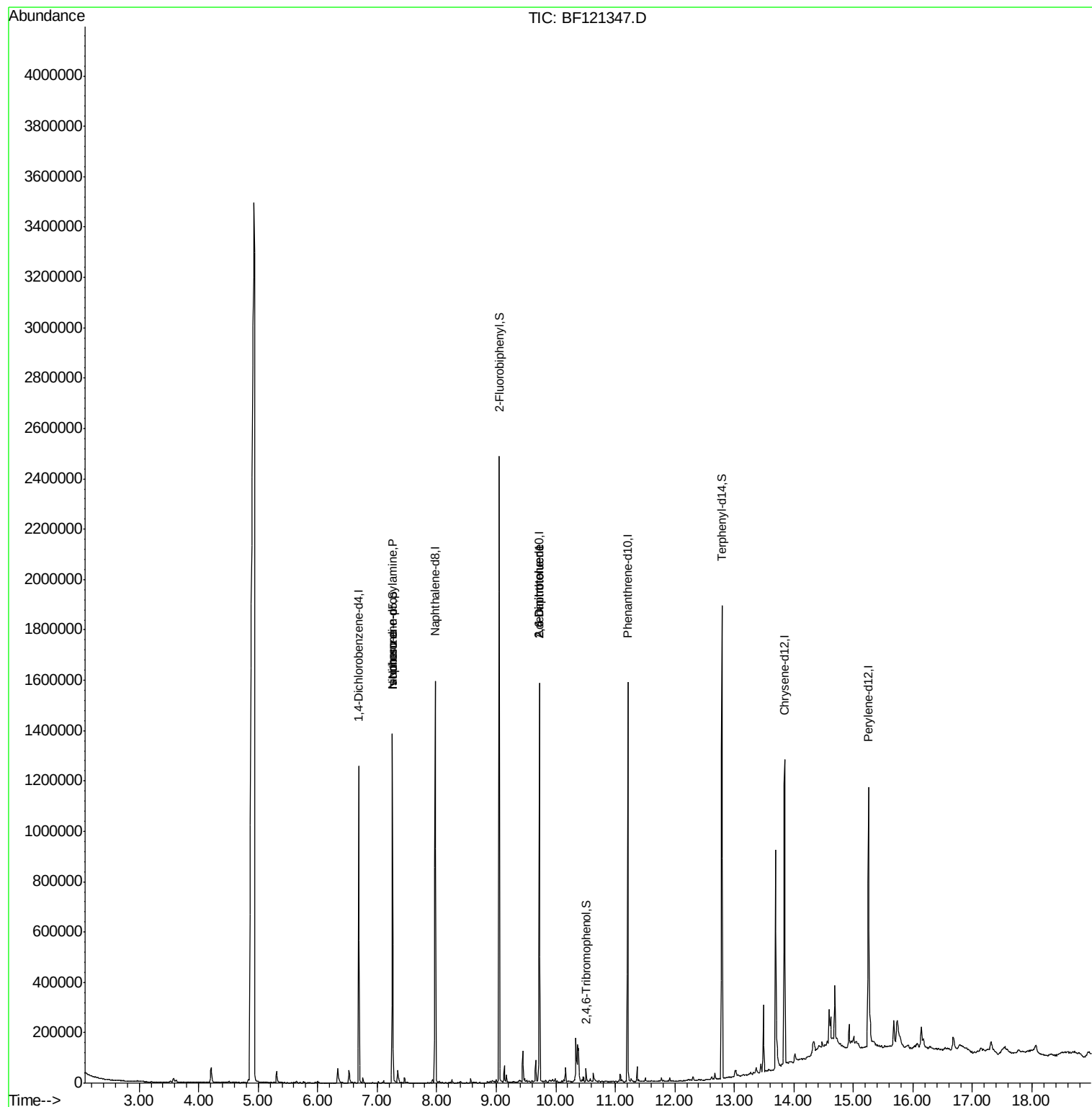
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	175506	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	666953	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	331779	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	587190	20.00	ng	0.00
76) Chrysene-d12	13.84	240	428328	20.00	ng	0.00
86) Perylene-d12	15.25	264	488926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	17507	1.64	ng	0.01
7) Phenol-d6	6.34	99	7986	0.58	ng	0.00
23) Nitrobenzene-d5	7.26	82	385309	32.67	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	7837	2.03	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	761558	36.72	ng	0.00
79) Terphenyl-d14	12.79	244	560304	25.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	50725	6.903	ng	# 78
20) 3+4-Methylphenols	7.36	107	3336	Below Cal	#	51
25) Isophorone	7.26	82	385372	17.957	ng	# 65
51) 2,6-Dinitrotoluene	9.73	165	42536	8.251	ng	# 30
57) 2,4-Dinitrotoluene	9.73	165	42536	6.764	ng	# 25
58) Fluorene	10.51	166	255	Below Cal	#	93
61) 4-Chlorophenyl-phenylether	10.39	204	464	Below Cal	#	1

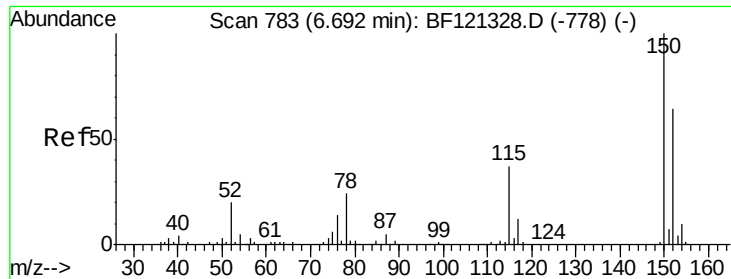
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 20 15:36:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration

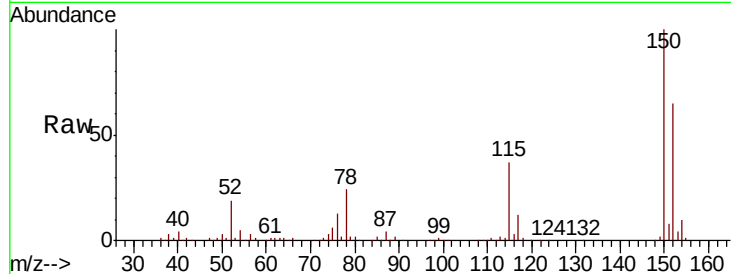




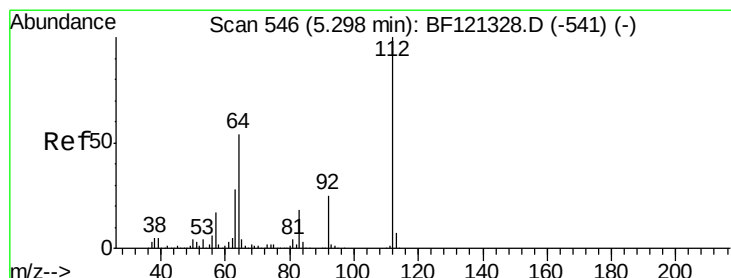
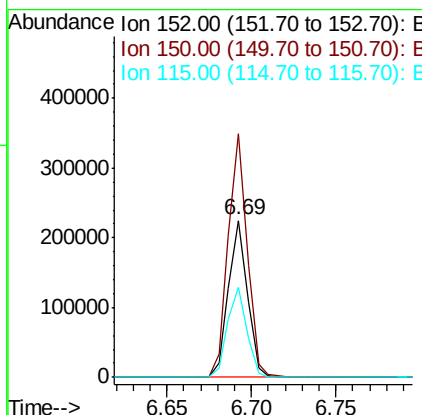
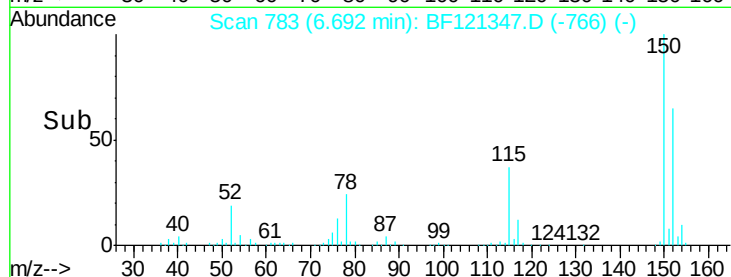
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF121347.D
 Acq: 20 Aug 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 GW-3

Tot Ion:152 Resp: 175506
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.8 187.2
 115 57.6 46.1 69.1

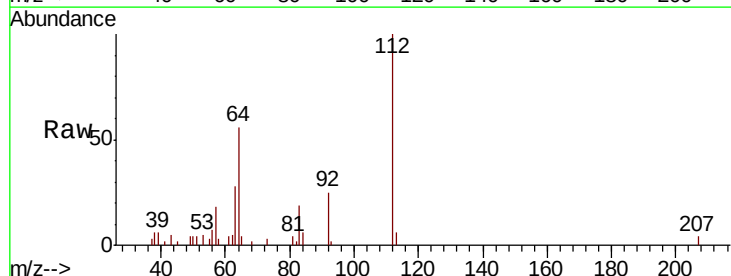


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

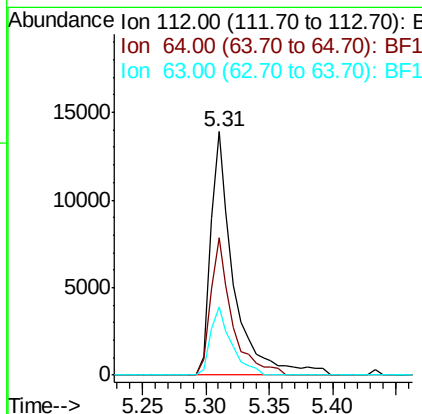
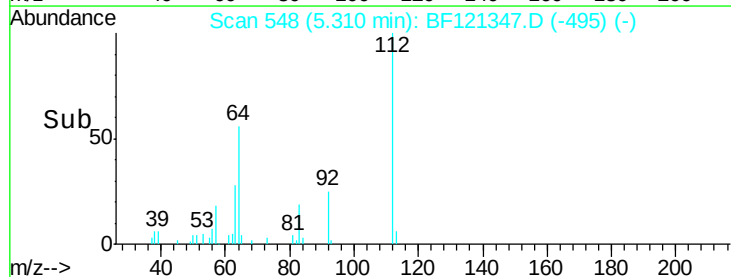


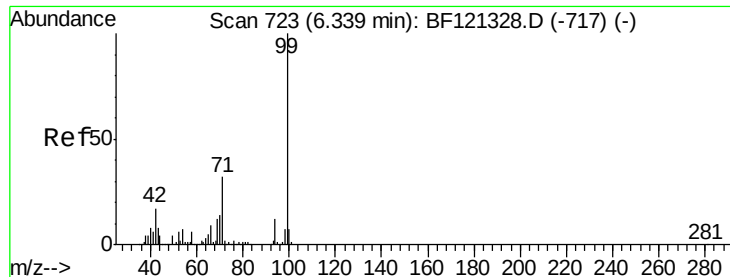
#5
 2-Fluorophenol
 Concen: 1.636 ng
 RT: 5.31 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF121347.D
 Acq: 20 Aug 2020 15:12

Tgt Ion:112 Resp: 17507
 Ion Ratio Lower Upper
 112 100
 64 56.3 43.5 65.3
 63 28.3 22.0 33.0



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: 0.584 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF121347.D

Acq: 20 Aug 2020 15:12

Instrument :

BNA_F

ClientSampleId :

GW-3

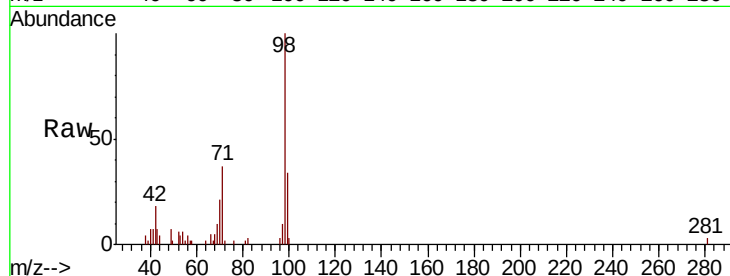
Tot Ion: 99 Resp: 7986

Ion Ratio Lower Upper

99 100

42 52.6 13.5 20.3#

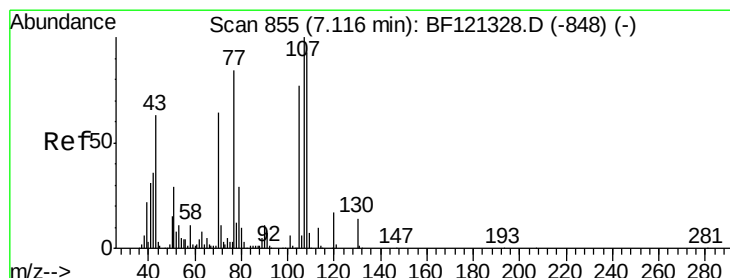
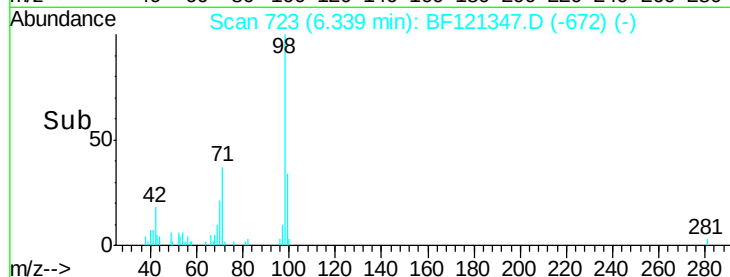
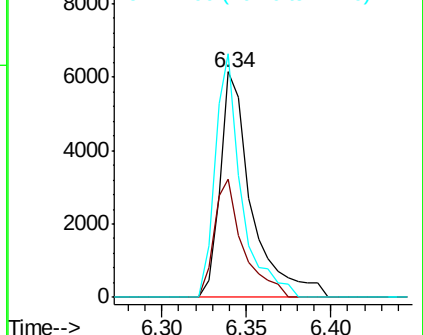
71 107.9 25.2 37.8#



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: 6.903 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF121347.D

Acq: 20 Aug 2020 15:12

Tgt Ion: 70 Resp: 50725

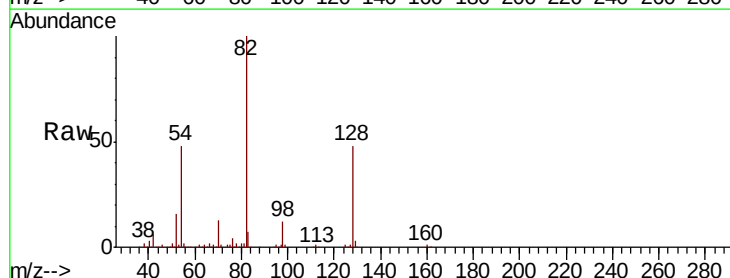
Ion Ratio Lower Upper

70 100

42 46.6 45.2 67.8

101 0.0 7.7 11.5#

130 2.4 17.6 26.4#

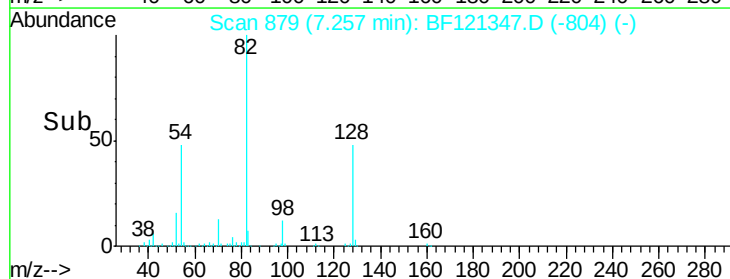
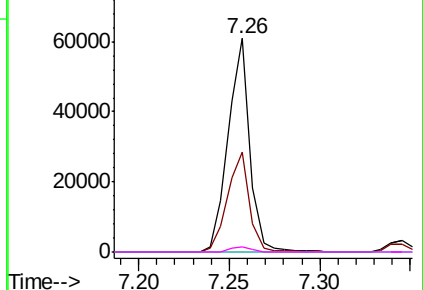


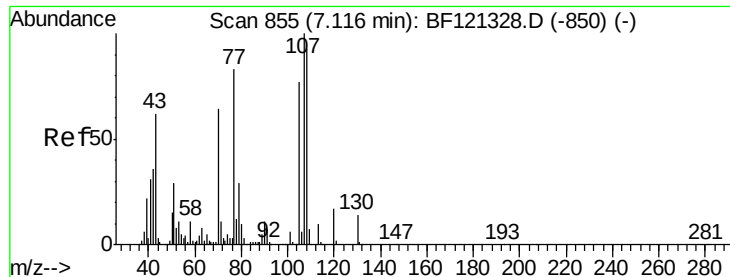
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

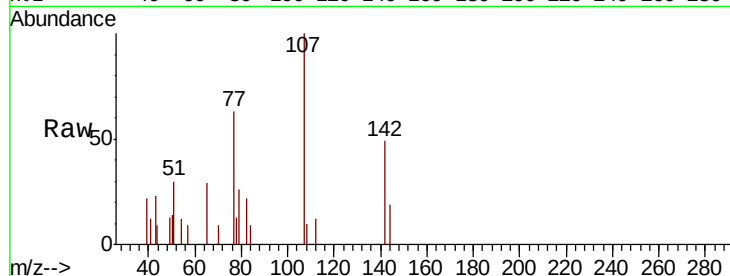




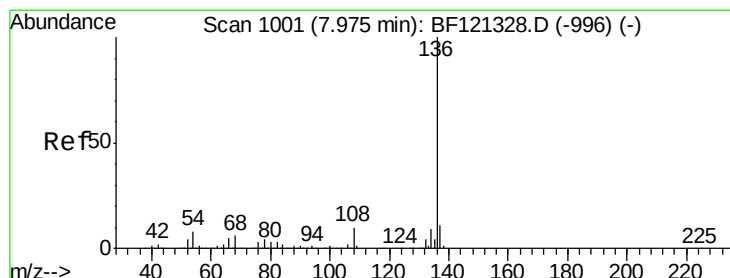
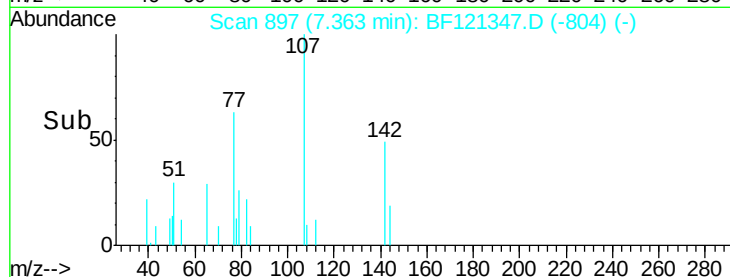
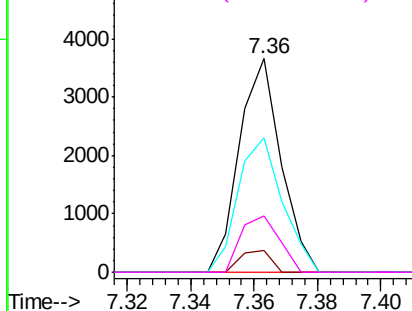
#20
 3+4-Methylphenols
 Concen: Below Cal
 RT: 7.36 min Scan# 897
 Delta R.T. 0.25 min
 Lab File: BF121347.D
 Acq: 20 Aug 2020 15:12

Instrument :
 BNA_F
 ClientSampled :
 GW-3

Tot Ion:107 Resp: 3336
 Ion Ratio Lower Upper
 107 100
 108 9.9 72.6 112.6#
 77 62.9 63.8 103.8#
 79 26.1 9.1 49.1

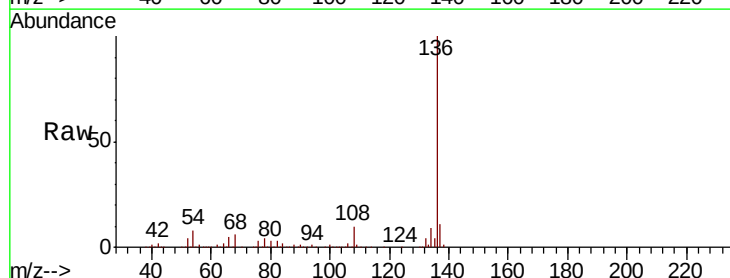


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF1
 Ion 79.00 (78.70 to 79.70): BF1

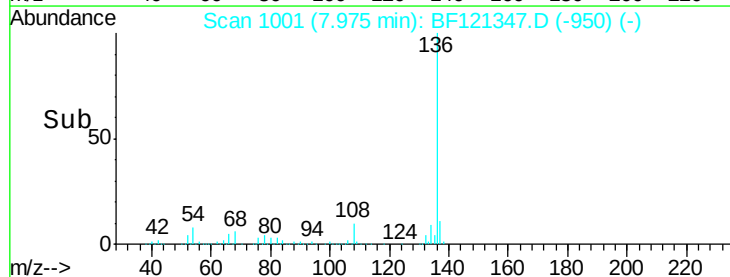
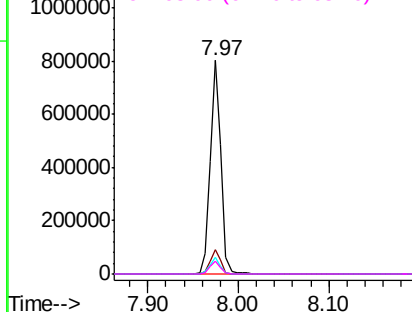


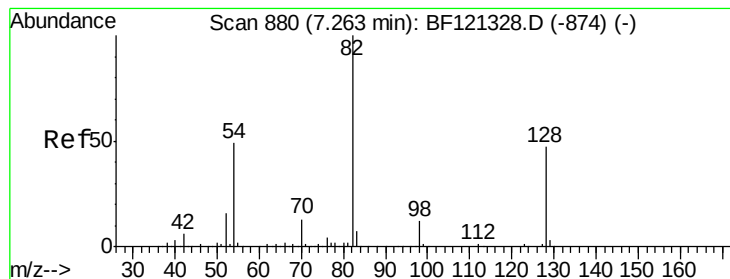
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF121347.D
 Acq: 20 Aug 2020 15:12

Tgt Ion:136 Resp: 666953
 Ion Ratio Lower Upper
 136 100
 137 11.3 8.9 13.3
 54 7.7 6.1 9.1
 68 6.2 5.0 7.4



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: 32.673 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF121347.D

Acq: 20 Aug 2020 15:12

Instrument :

BNA_F

ClientSampleId :

GW-3

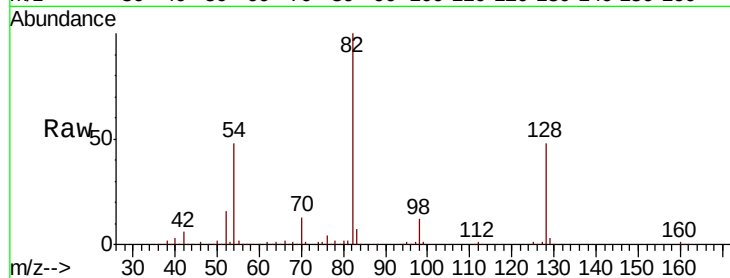
Tot Ion: 82 Resp: 385309

Ion Ratio Lower Upper

82 100

128 47.7 37.9 56.9

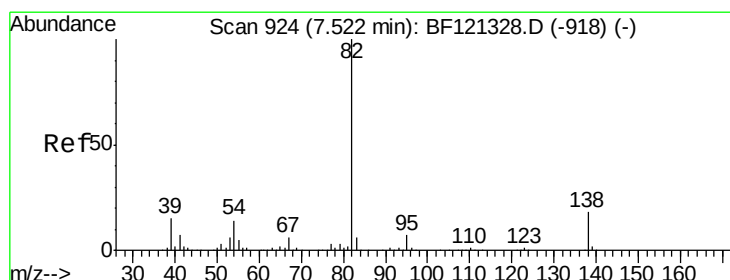
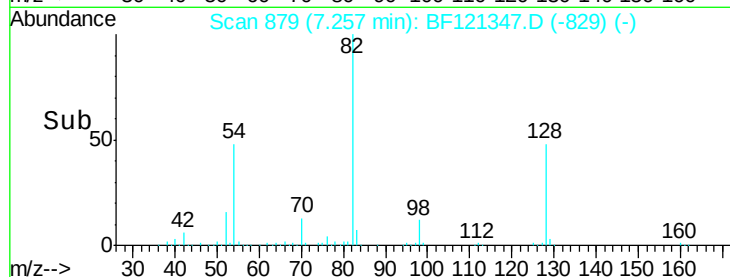
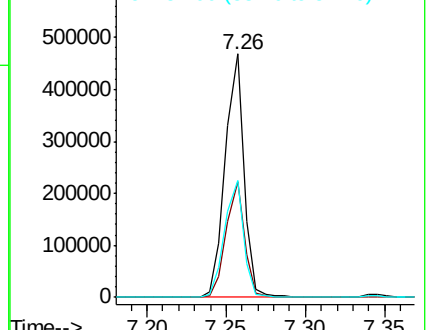
54 48.1 39.0 58.4



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



#25

Isophorone

Concen: 17.957 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF121347.D

Acq: 20 Aug 2020 15:12

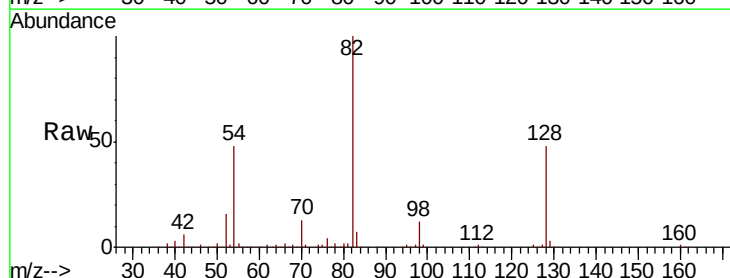
Tgt Ion: 82 Resp: 385372

Ion Ratio Lower Upper

82 100

95 0.6 5.3 7.9#

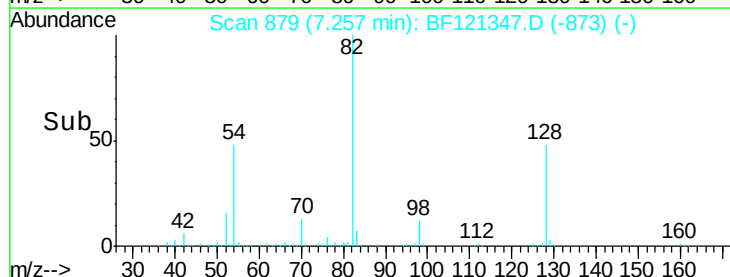
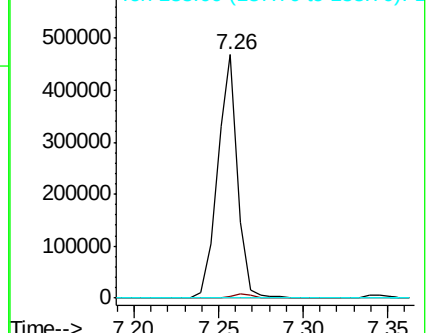
138 0.0 14.6 21.8#

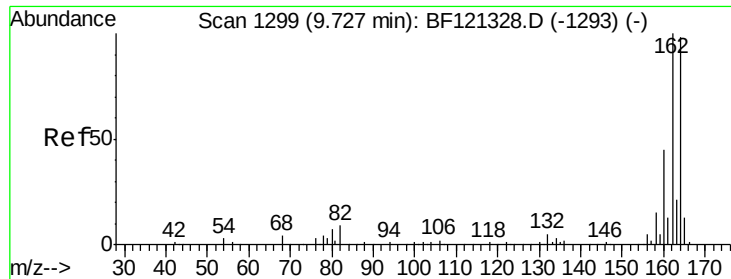


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF121347.D

Acq: 20 Aug 2020 15:12

Instrument :

BNA_F

ClientSampleId :

GW-3

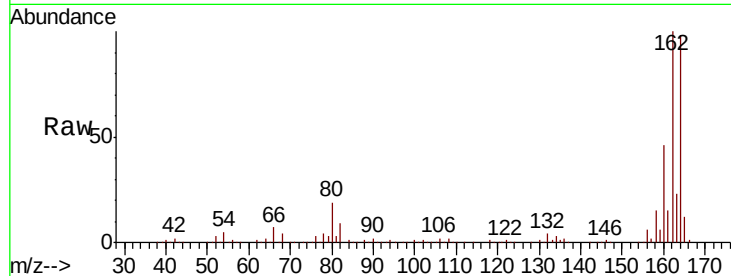
Tot Ion:164 Resp: 331779

Ion Ratio Lower Upper

164 100

162 101.8 81.7 122.5

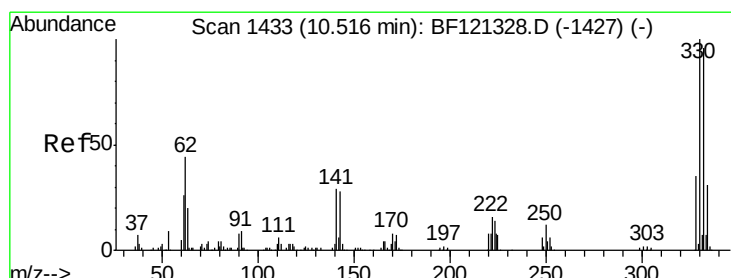
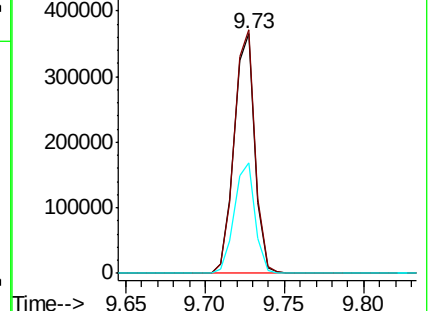
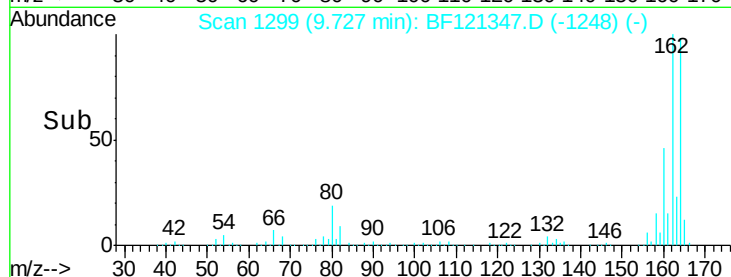
160 46.4 37.0 55.4



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: 2.027 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF121347.D

Acq: 20 Aug 2020 15:12

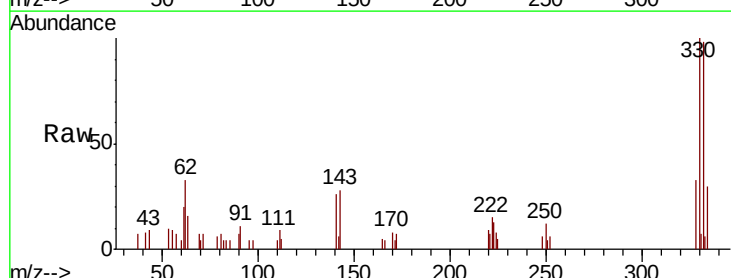
Tgt Ion:330 Resp: 7837

Ion Ratio Lower Upper

330 100

332 93.2 76.9 115.3

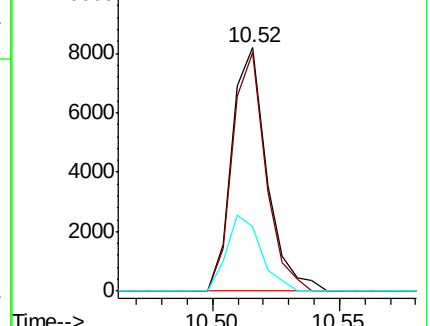
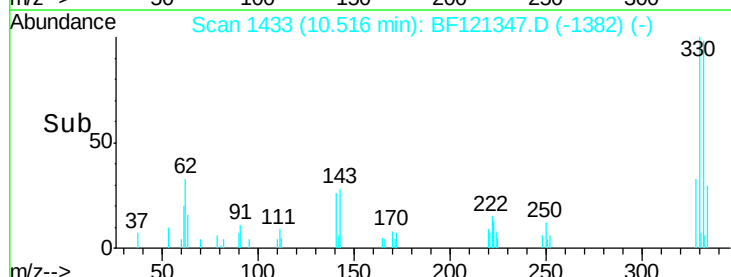
141 30.4 22.8 34.2

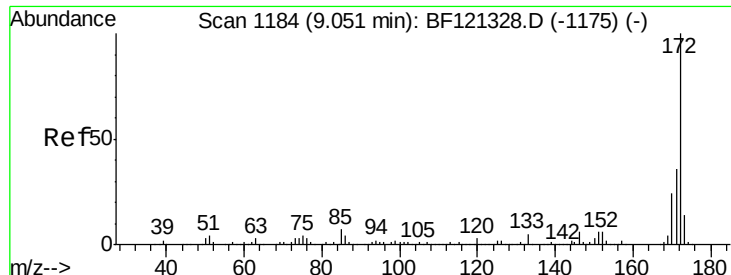


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

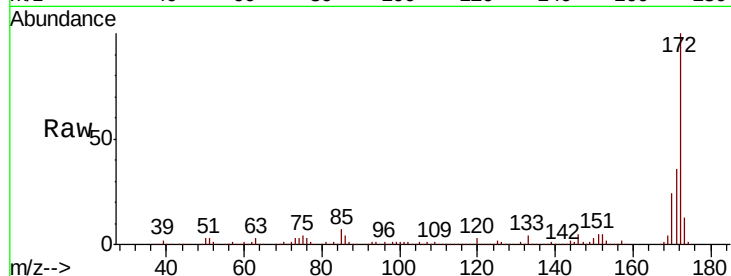




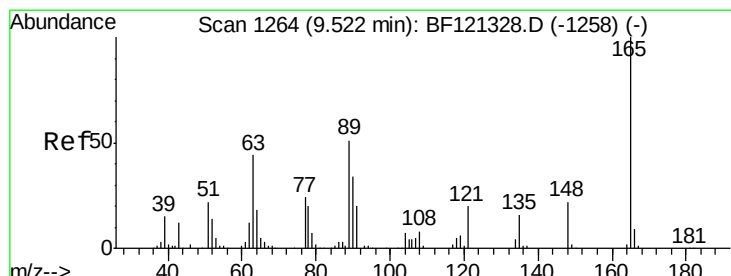
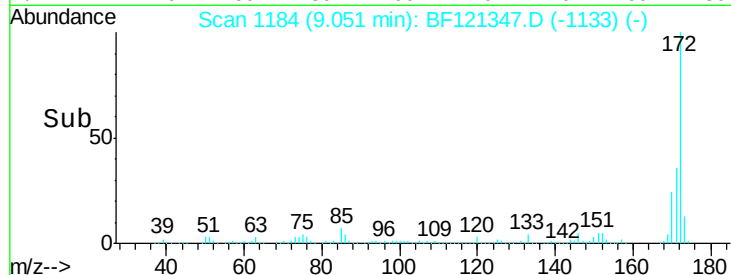
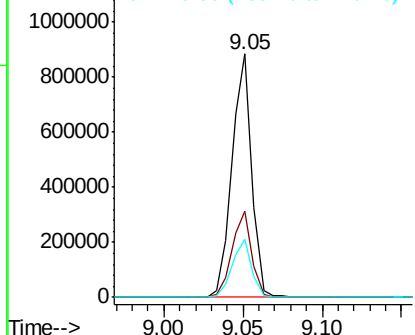
#45
 2-Fluorobiphenyl
 Concen: 36.722 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121347.D
 Acq: 20 Aug 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 GW-3

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	23.6	19.4	29.2

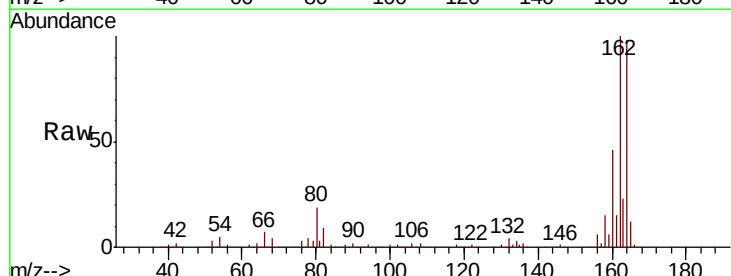


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

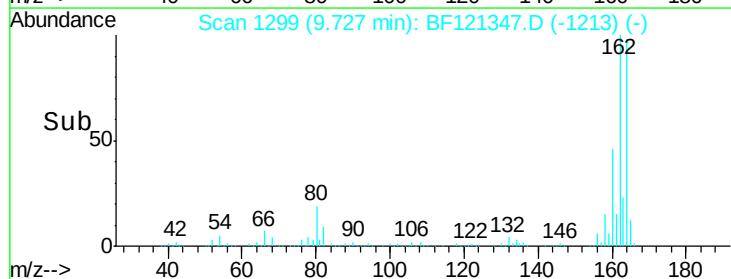
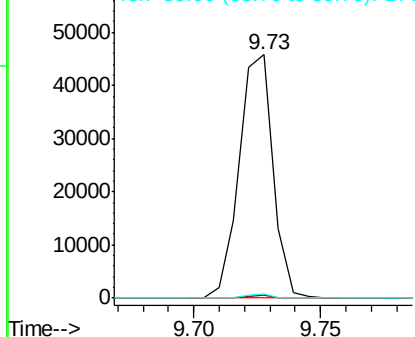


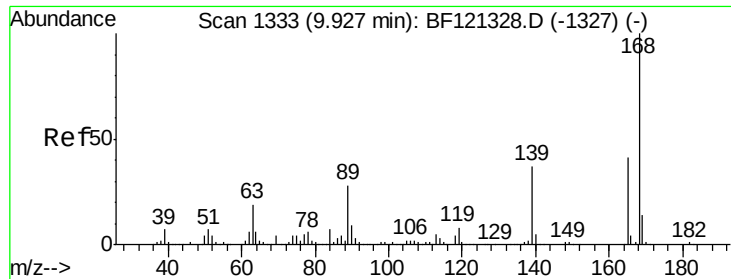
#51
 2,6-Dinitrotoluene
 Concen: 8.251 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.21 min
 Lab File: BF121347.D
 Acq: 20 Aug 2020 15:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.5	57.7#
89	1.7	41.2	61.8#



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

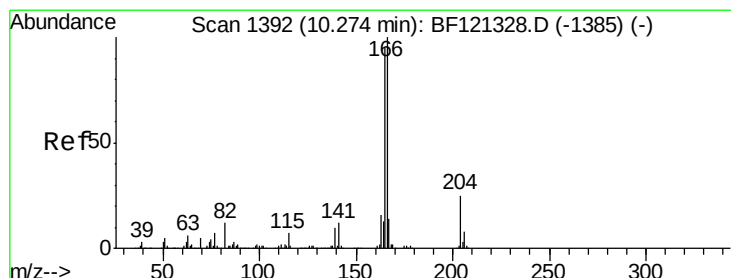
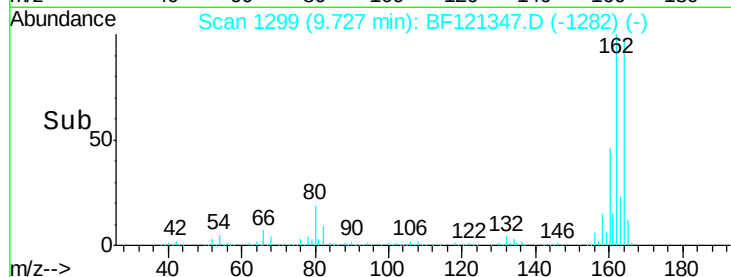
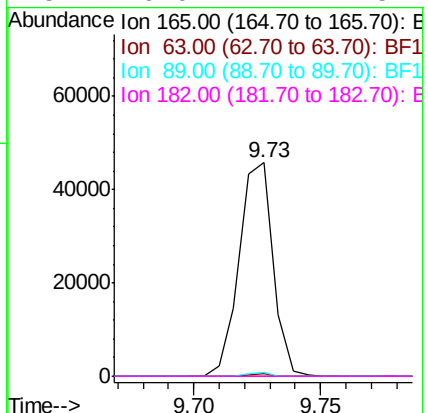
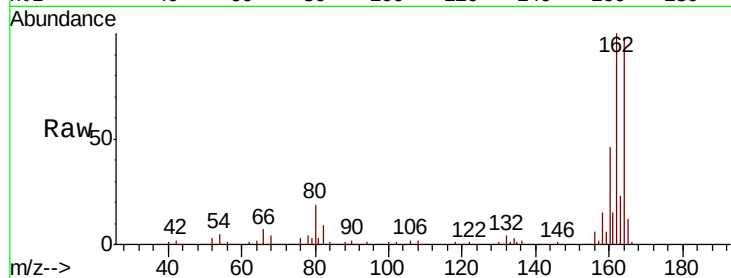




#57
2,4-Dinitrotoluene
Concen: 6.764 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.20 min
Lab File: BF121347.D
Acq: 20 Aug 2020 15:12

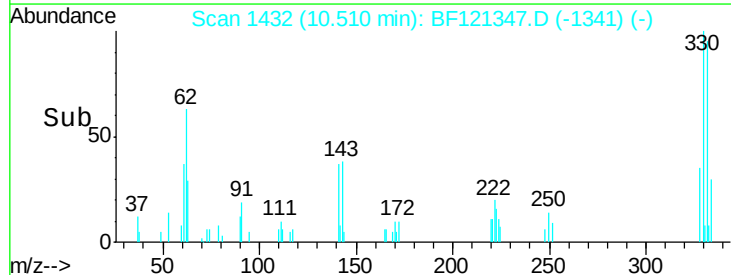
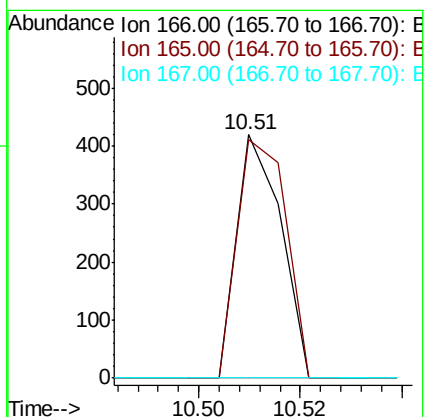
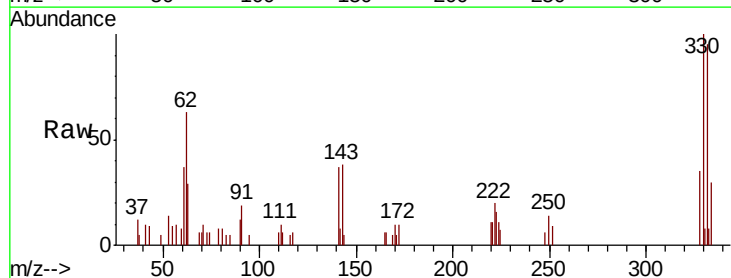
Instrument :
BNA_F
ClientSampleId :
GW-3

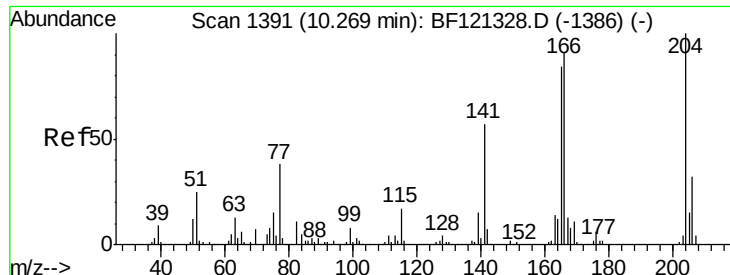
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	37.5	56.3#
89	1.7	54.2	81.4#
182	0.0	2.2	3.4#



#58
Fluorene
Concen: Below Cal
RT: 10.51 min Scan# 1432
Delta R.T. 0.24 min
Lab File: BF121347.D
Acq: 20 Aug 2020 15:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	75.8	113.8
167	0.0	11.0	16.4#

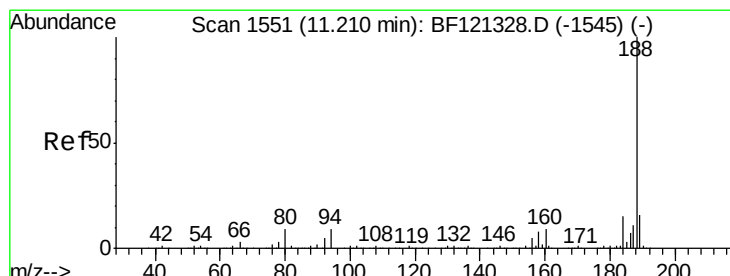
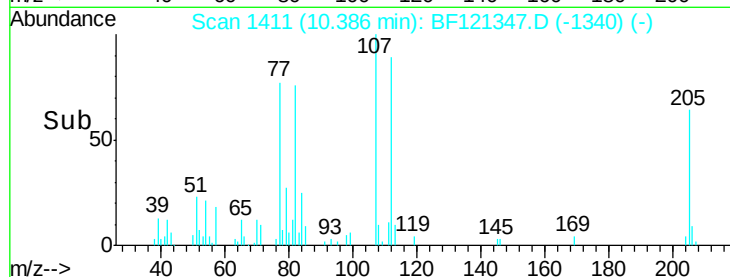
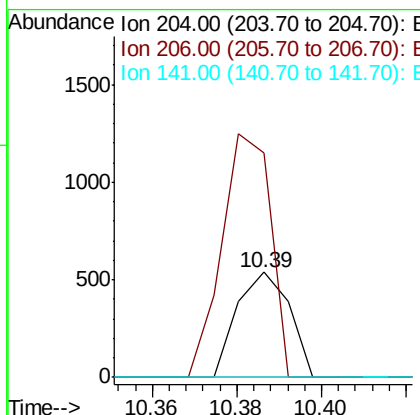
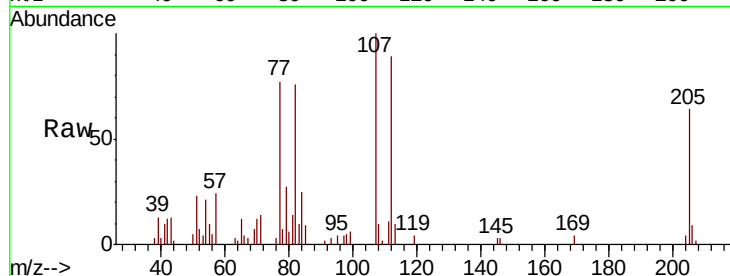




#61
 4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.12 min
 Lab File: BF121347.D
 Acq: 20 Aug 2020 15:12

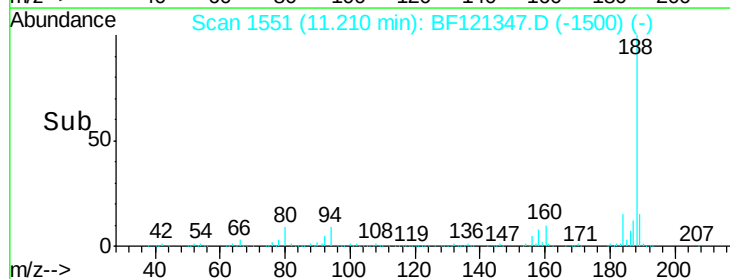
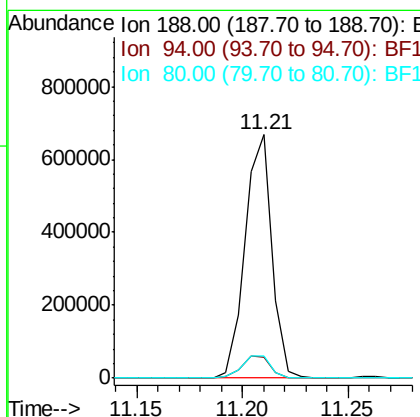
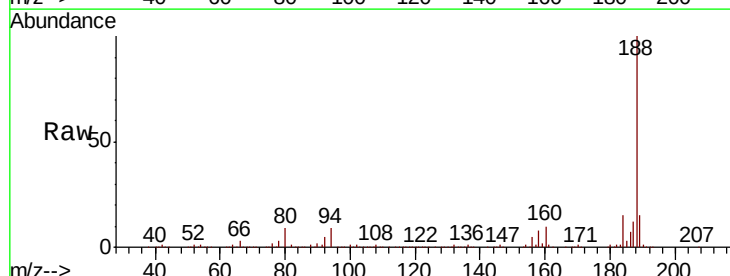
Instrument :
 BNA_F
 ClientSampled :
 GW-3

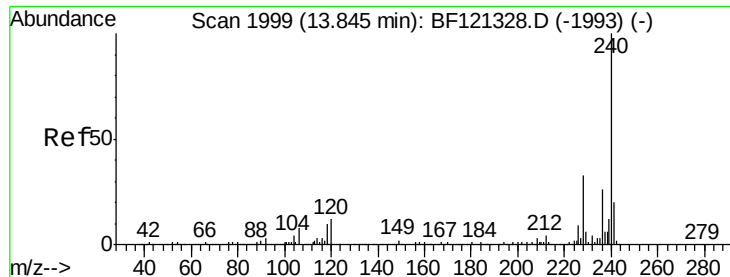
Tot Ion:204 Resp: 464
 Ion Ratio Lower Upper
 204 100
 206 214.5 25.9 38.9#
 141 0.0 45.5 68.3#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF121347.D
 Acq: 20 Aug 2020 15:12

Tgt Ion:188 Resp: 587190
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.2 10.8
 80 9.3 7.4 11.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF121347.D

Acq: 20 Aug 2020 15:12

Instrument :

BNA_F

ClientSampleId :

GW-3

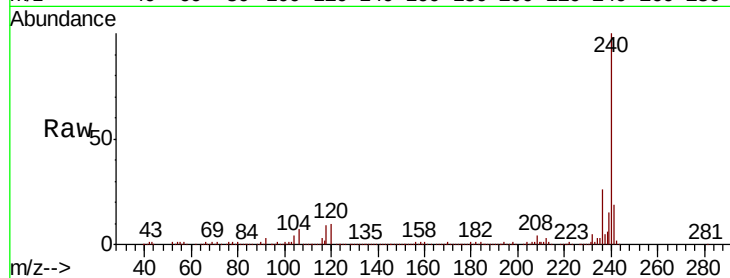
Tot Ion:240 Resp: 428328

Ion Ratio Lower Upper

240 100

120 10.4 9.6 14.4

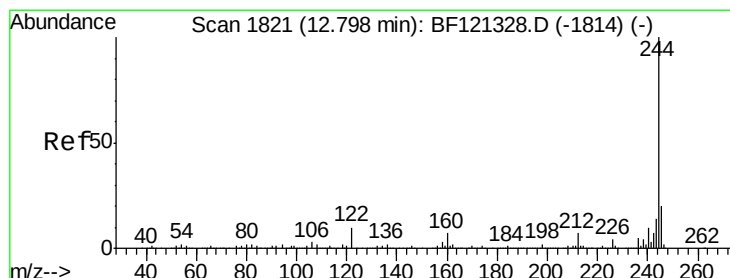
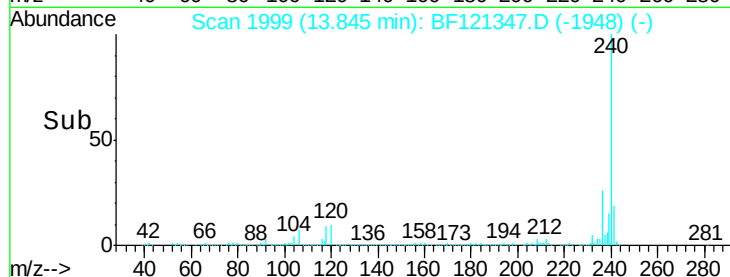
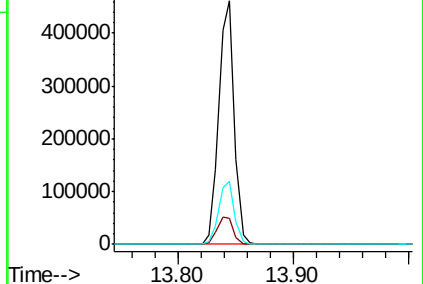
236 26.1 20.6 31.0



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: 25.563 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF121347.D

Acq: 20 Aug 2020 15:12

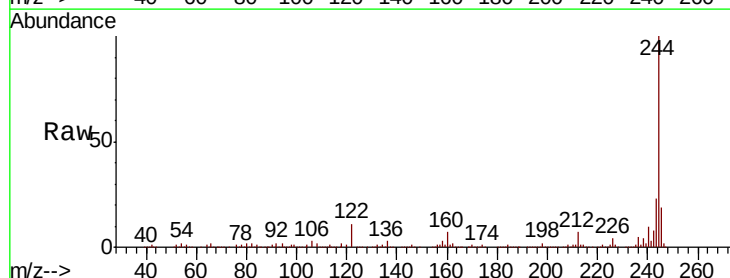
Tgt Ion:244 Resp: 560304

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

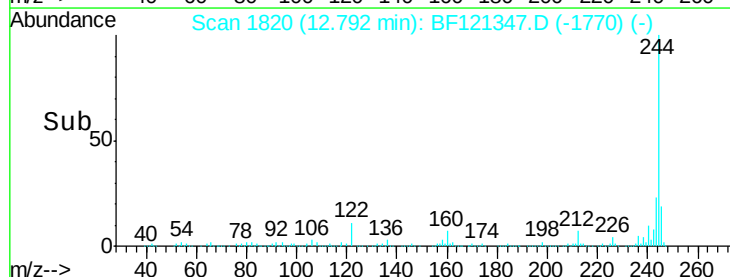
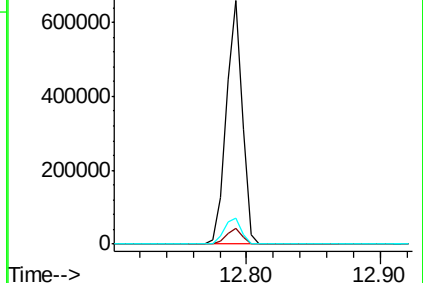
122 10.7 7.8 11.8

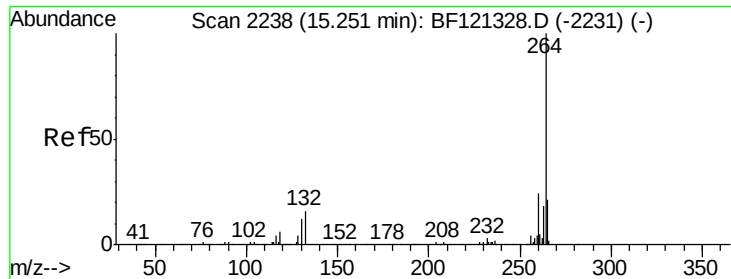


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF121347.D
Acq: 20 Aug 2020 15:12

Instrument :
BNA_F
ClientSampleId :
GW-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.9	17.1	25.7

