

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104778.D
 Acq On : 25 Apr 2018 3:44
 Operator : JU/SJ
 Sample : J2492-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 25 04:29:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

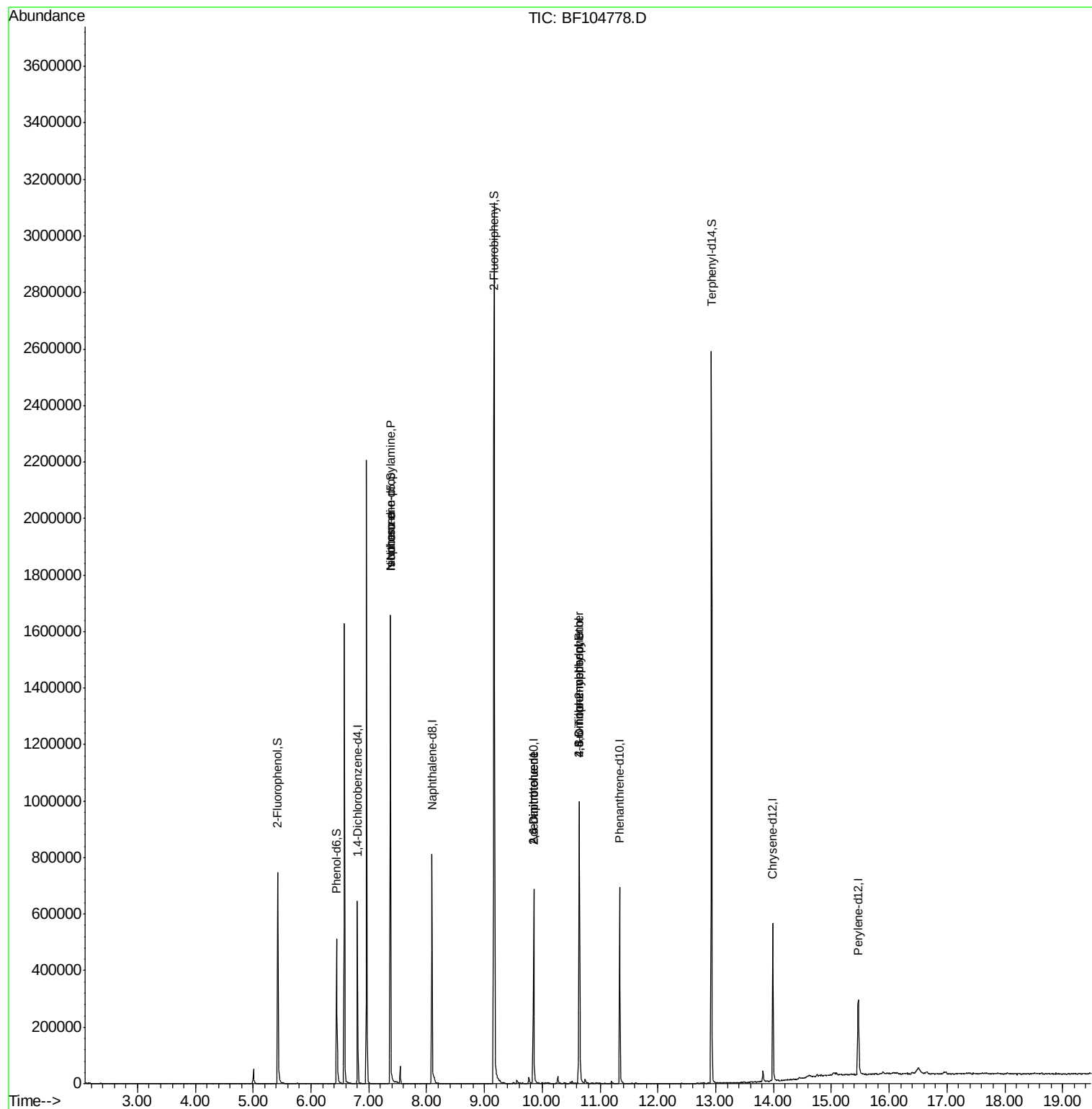
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	95988	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	379339	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	157830	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	250728	20.00	ng	0.00
75) Chrysene-d12	13.99	240	202477	20.00	ng	0.00
86) Perylene-d12	15.47	264	138225	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	252758	40.26	ng	0.00
7) Phenol-d6	6.45	99	188864	24.49	ng	0.00
23) Nitrobenzene-d5	7.37	82	582343	100.24	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	135527	82.78	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1006107	100.70	ng	0.00
78) Terphenyl-d14	12.93	244	895851	100.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	76541	15.186	ng	# 72
25) Isophorone	7.37	82	582339	47.404	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	20035	8.699	ng	# 24
56) 2,4-Dinitrotoluene	9.85	165	20035	6.632	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.65	198	150	7.451	ng	# 36
66) 4-Bromophenyl-phenylether	10.64	248	8464	3.174	ng	# 1
76) Benizidine	12.70	184	1042	Below Cal		# 66

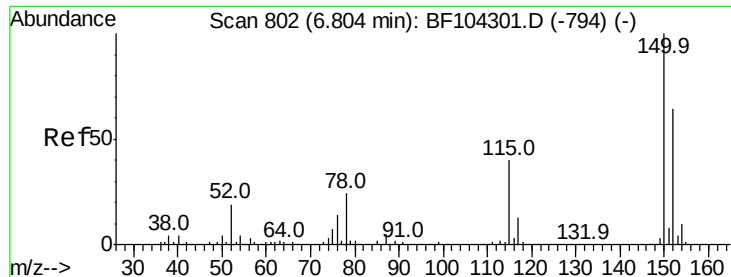
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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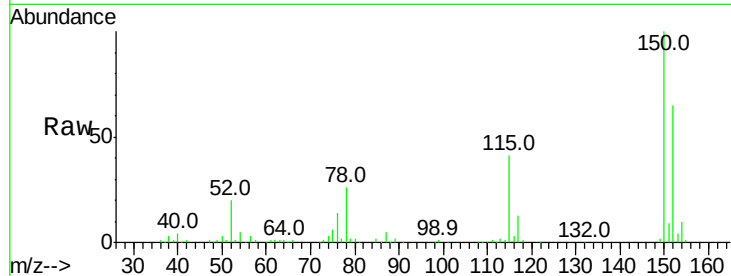


#1

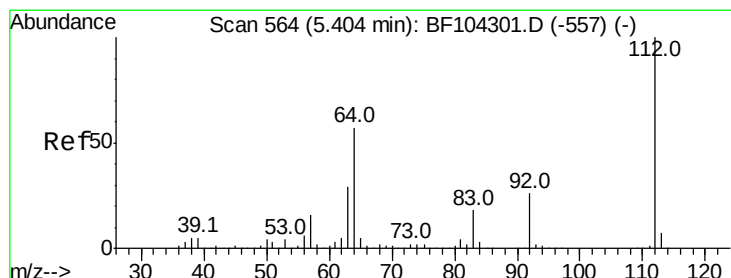
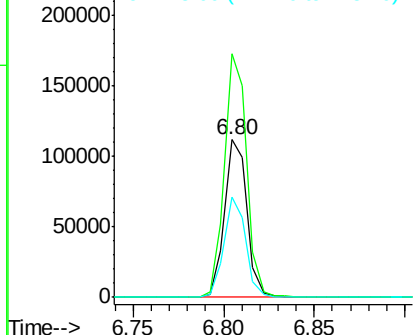
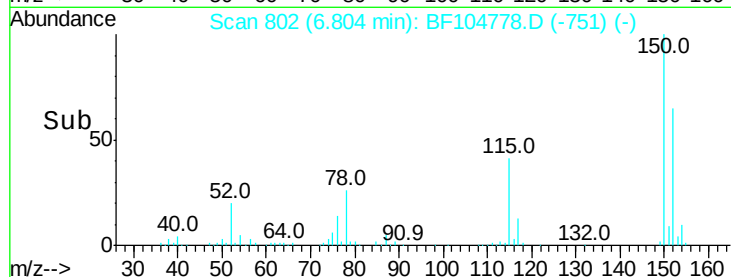
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104778.D
Acq: 25 Apr 2018 3:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 95988
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 63.9 50.1 75.1



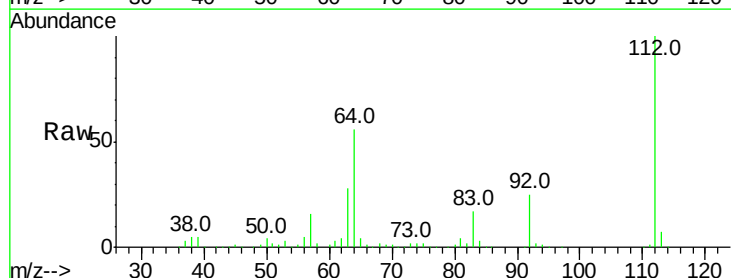
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



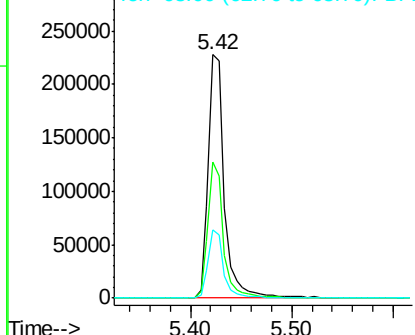
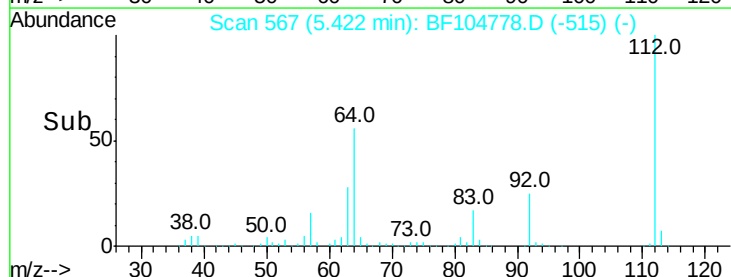
#5

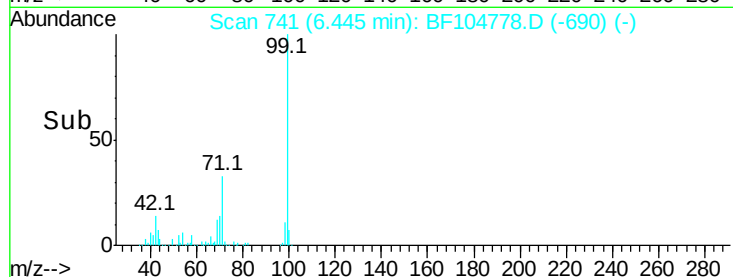
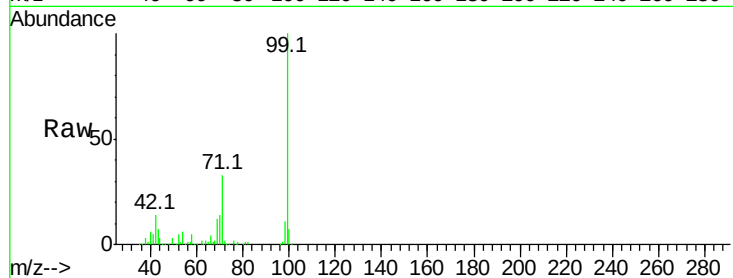
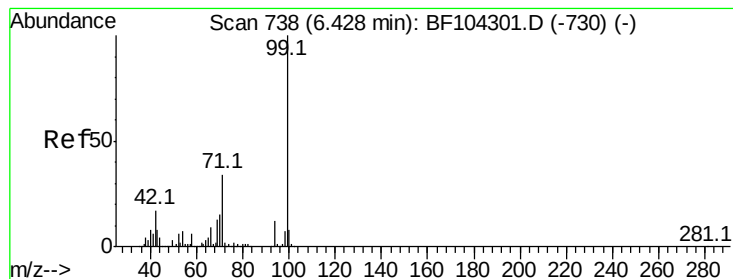
2-Fluorophenol
Concen: 40.263 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104778.D
Acq: 25 Apr 2018 3:44

Tgt Ion:112 Resp: 252758
Ion Ratio Lower Upper
112 100
64 56.0 47.9 71.9
63 28.2 23.7 35.5



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: 24.486 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104778.D

Acq: 25 Apr 2018 3:44

Instrument :

BNA_F

ClientSampled :

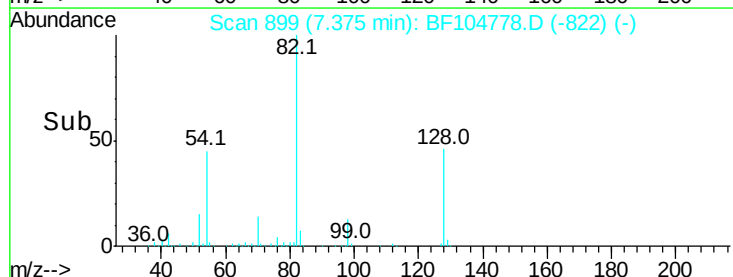
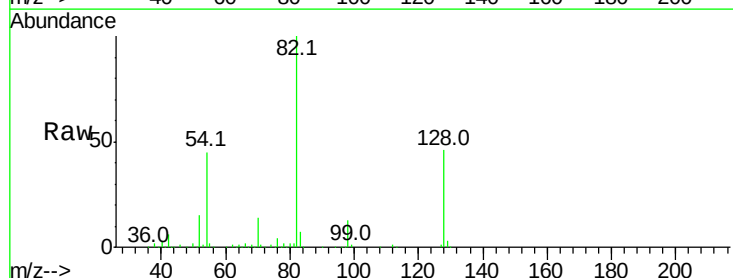
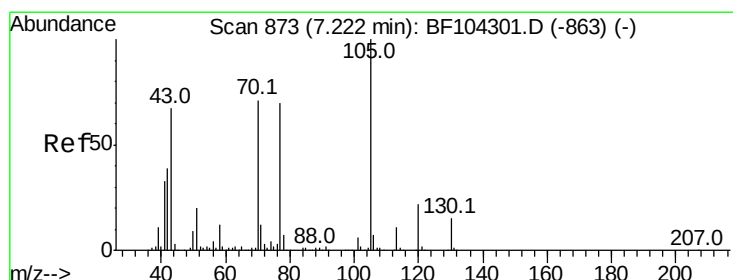
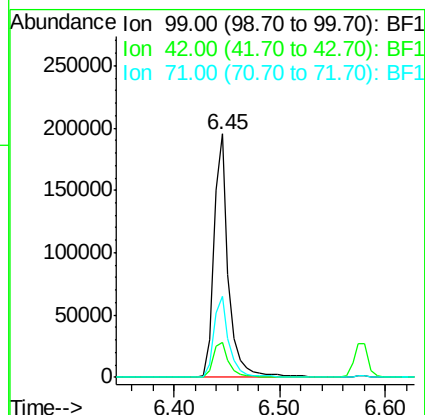
Tot Ion: 99 Resp: 188864

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

71 33.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.186 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104778.D

Acq: 25 Apr 2018 3:44

Tgt Ion: 70 Resp: 76541

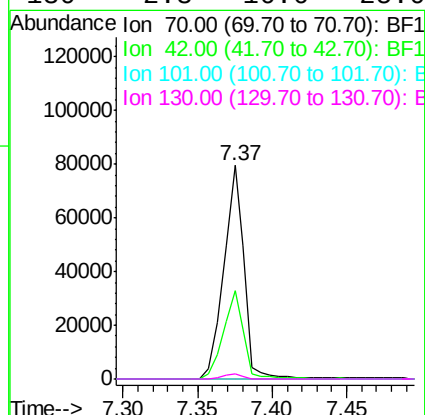
Ion Ratio Lower Upper

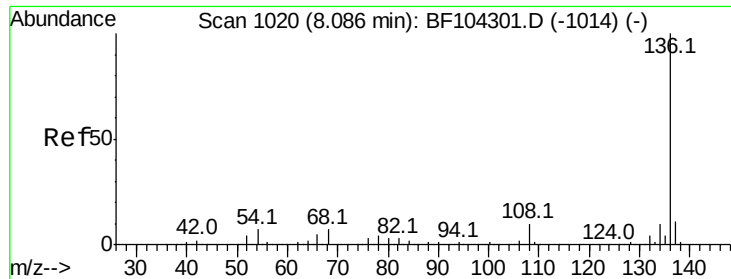
70 100

42 41.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

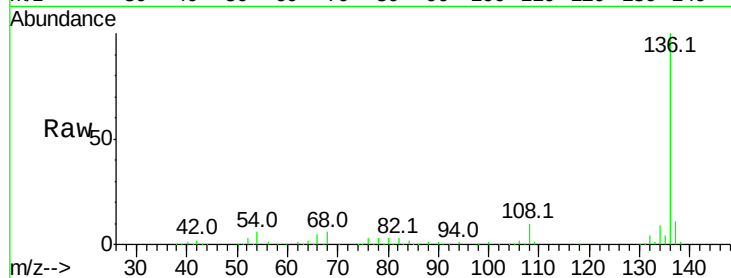




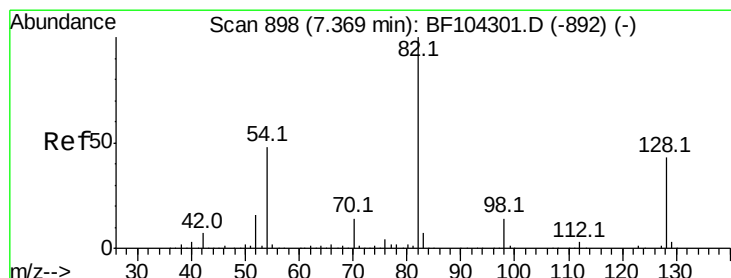
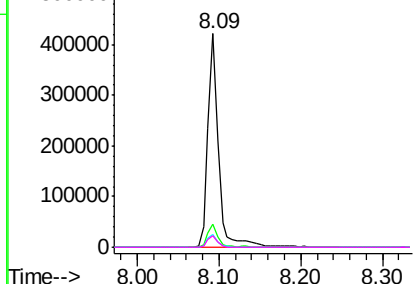
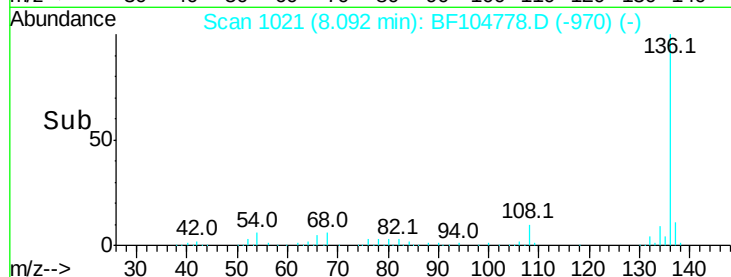
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104778.D
Acq: 25 Apr 2018 3:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	379339
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.2	6.6	9.8#
68	5.5	5.0	7.4

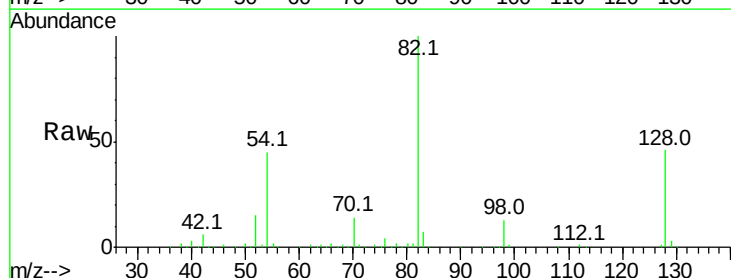


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

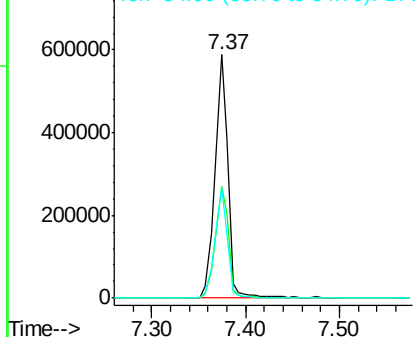
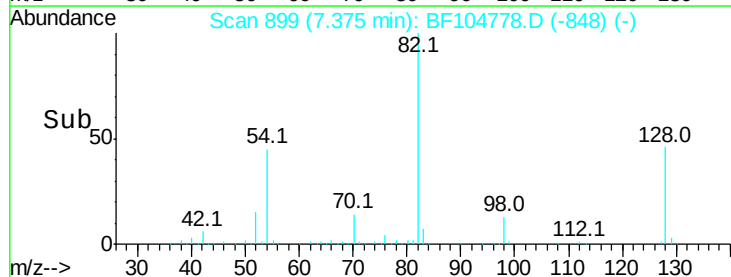


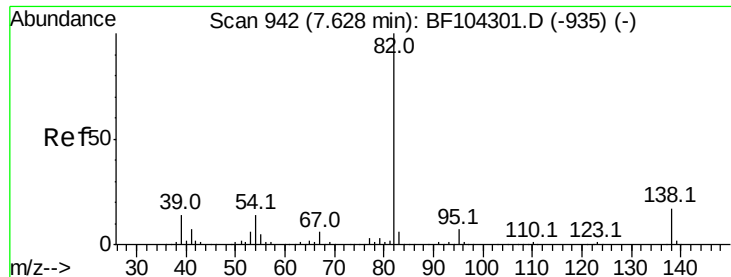
#23
Nitrobenzene-d5
Concen: 100.242 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104778.D
Acq: 25 Apr 2018 3:44

Tgt Ion:	82	Resp:	582343
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	45.4	41.4	62.2



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: 47.404 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.25 min

Lab File: BF104778.D

Acq: 25 Apr 2018 3:44

Instrument :

BNA_F

ClientSampleId :

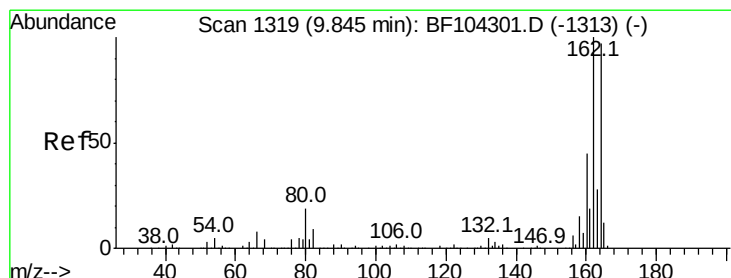
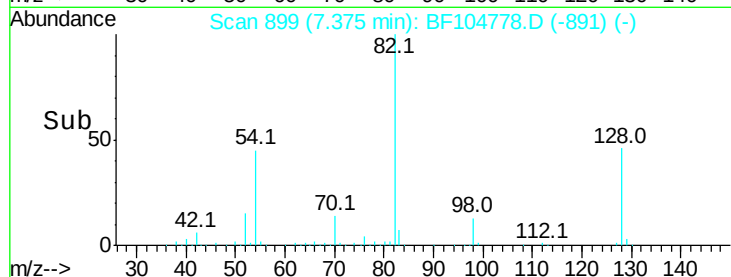
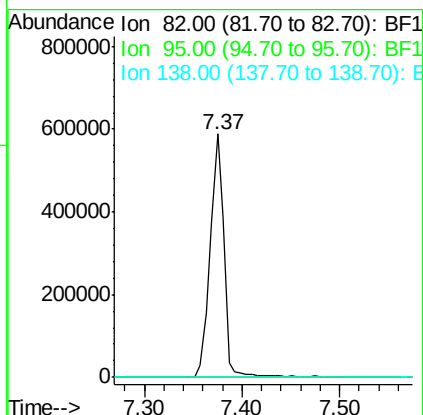
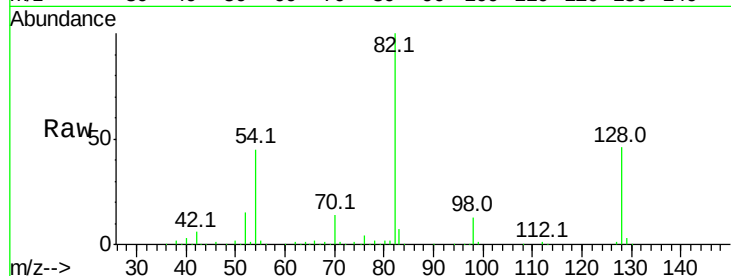
Tot Ion: 82 Resp: 582339

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF104778.D

Acq: 25 Apr 2018 3:44

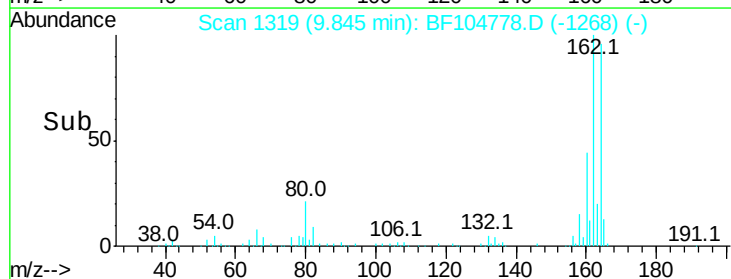
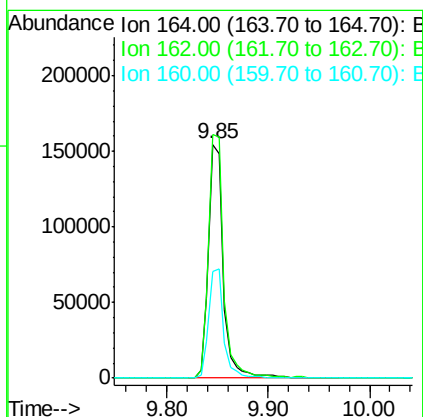
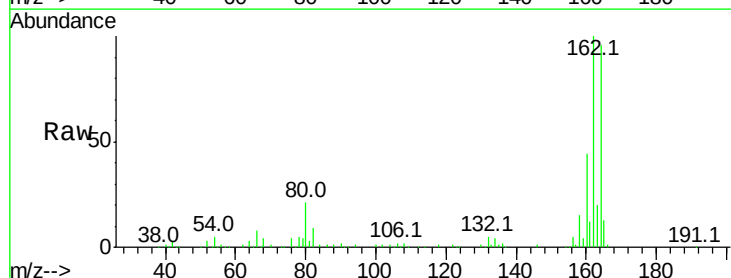
Tgt Ion:164 Resp: 157830

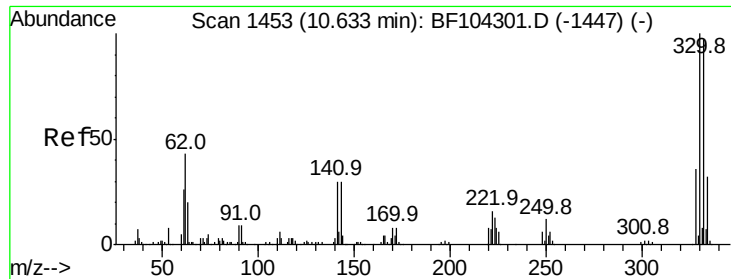
Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

160 45.4 38.3 57.5

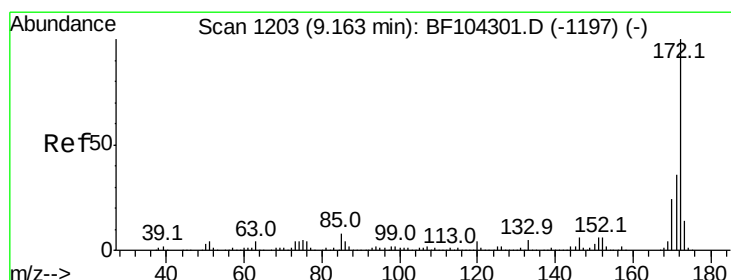
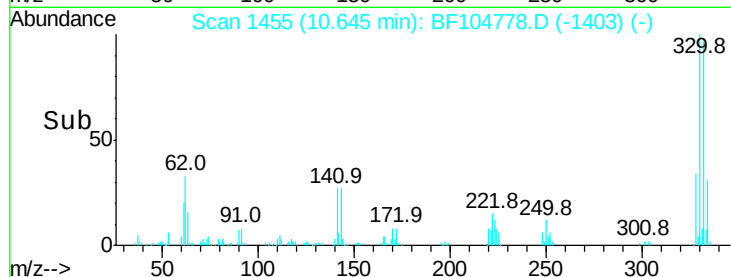
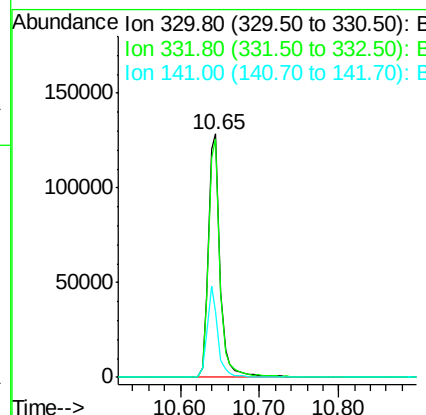
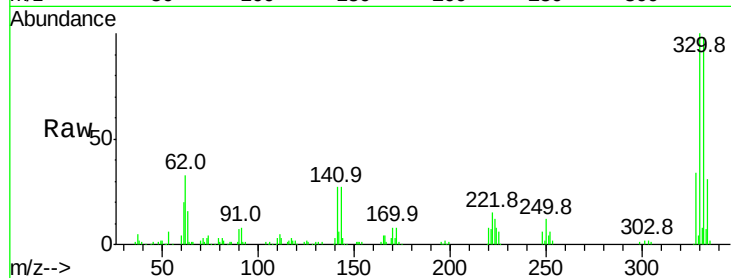




#41
 2,4,6-Tribromophenol
 Concen: 82.779 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104778.D
 Acq: 25 Apr 2018 3:44

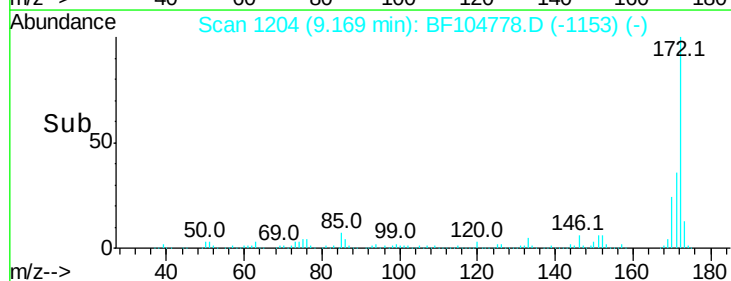
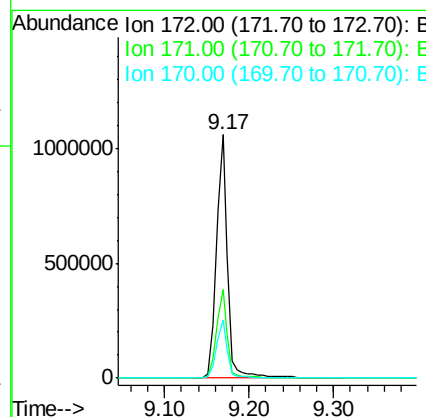
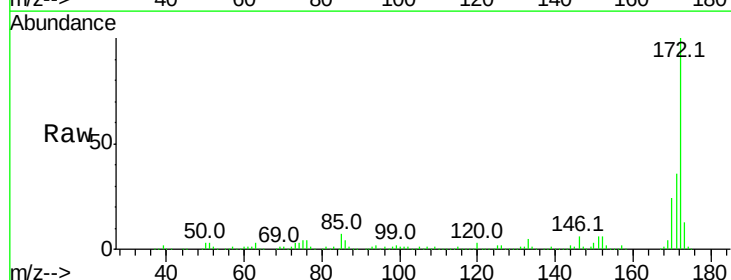
Instrument :
 BNA_F
 ClientSampleId :

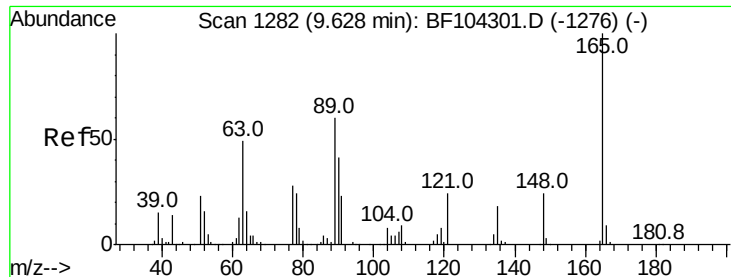
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	33.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 100.703 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104778.D
 Acq: 25 Apr 2018 3:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.9	19.6	29.4

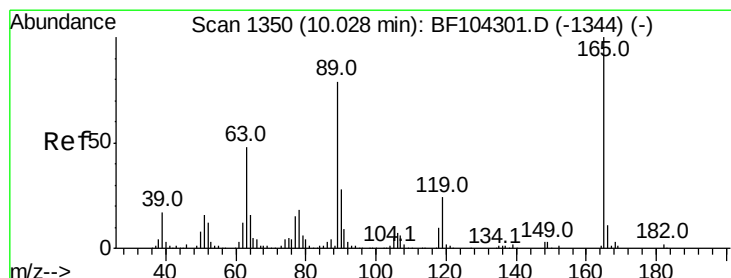
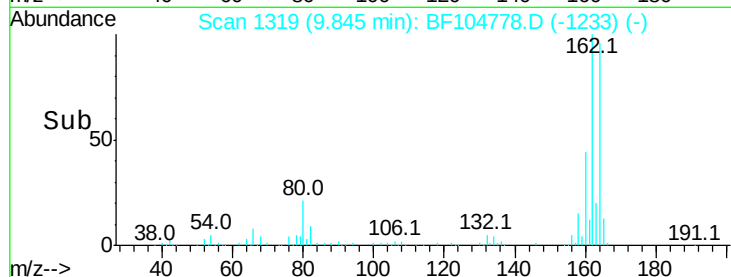
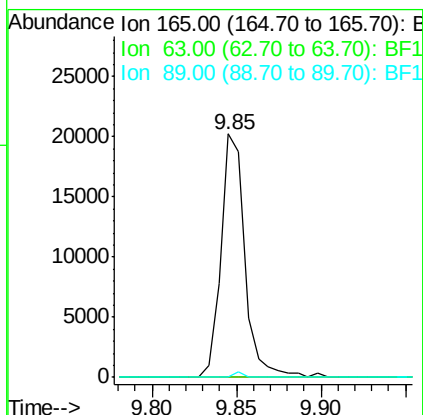
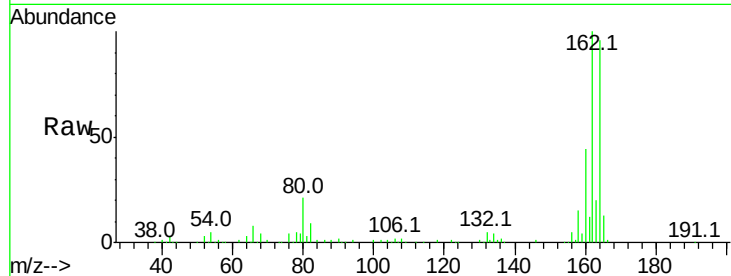




#50
 2,6-Dinitrotoluene
 Concen: 8.699 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF104778.D
 Acq: 25 Apr 2018 3:44

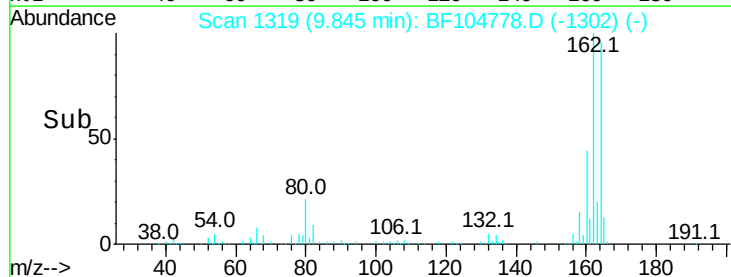
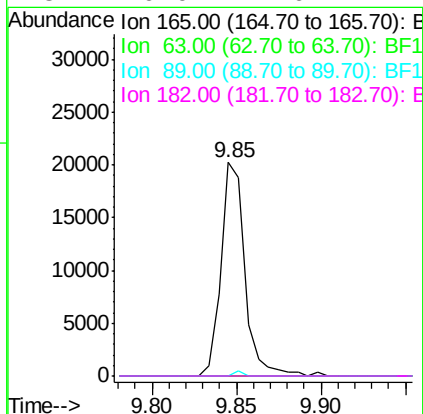
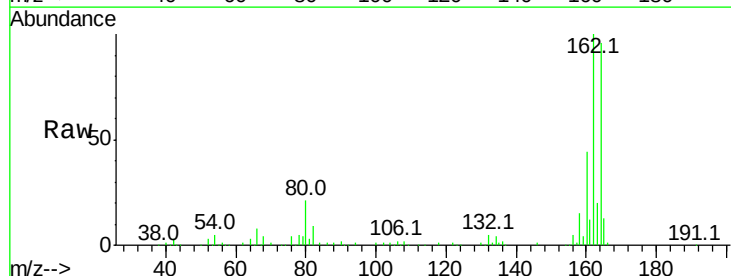
Instrument :
 BNA_F
 ClientSampleId :

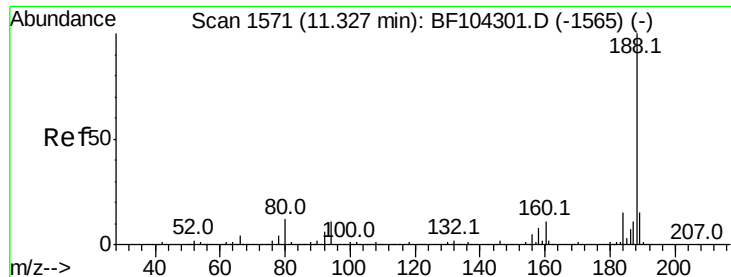
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.632 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF104778.D
 Acq: 25 Apr 2018 3:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

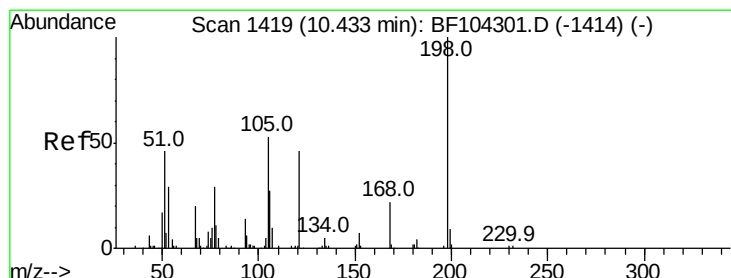
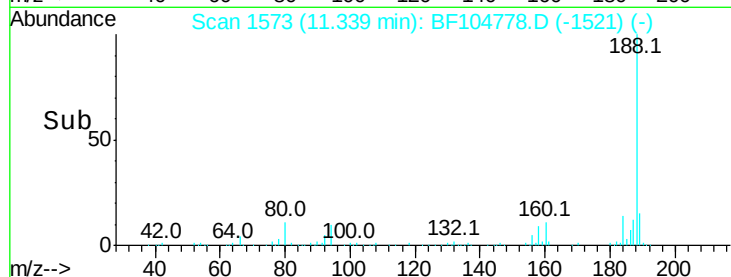
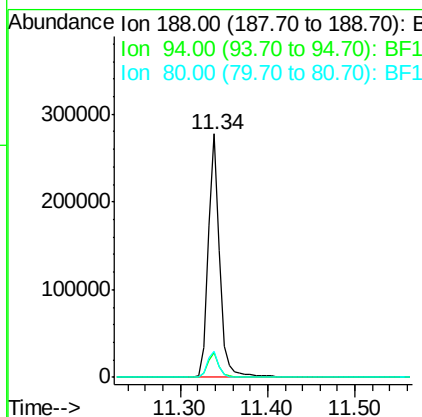
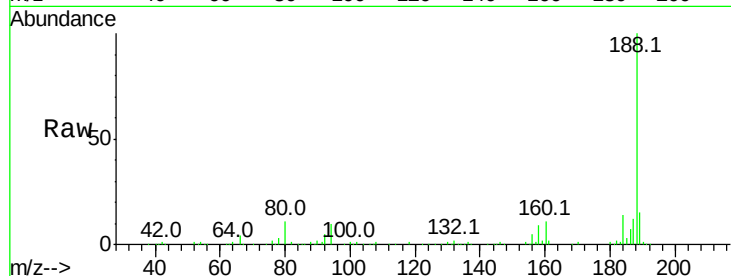




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.01 min
 Lab File: BF104778.D
 Acq: 25 Apr 2018 3:44

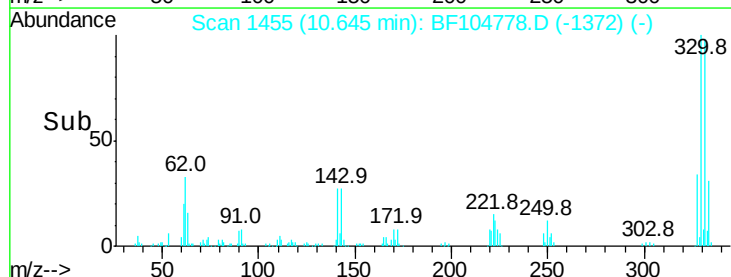
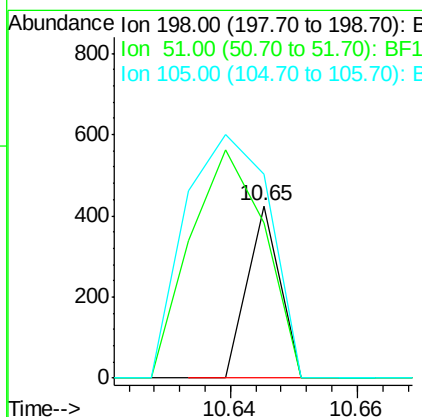
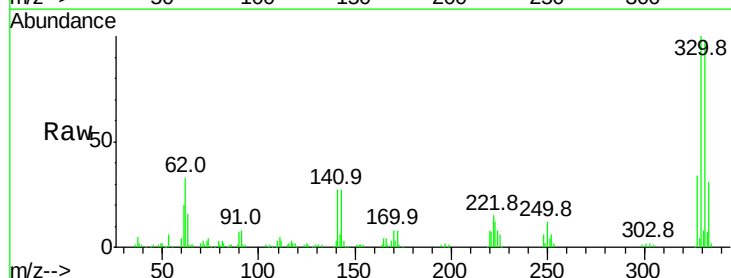
Instrument :
 BNA_F
 ClientSampleId :

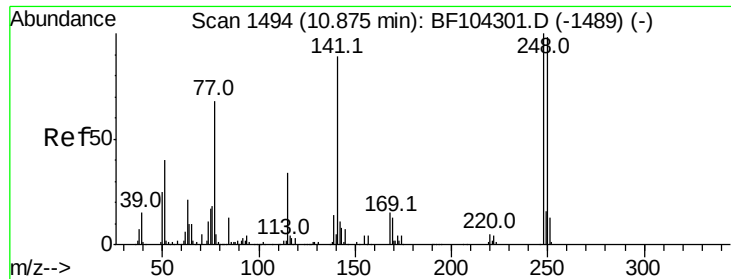
Tot Ion:188 Resp: 250728
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 10.7 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.451 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.19 min
 Lab File: BF104778.D
 Acq: 25 Apr 2018 3:44

Tgt Ion:198 Resp: 150
 Ion Ratio Lower Upper
 198 100
 51 90.1 37.7 77.7#
 105 118.2 36.3 76.3#

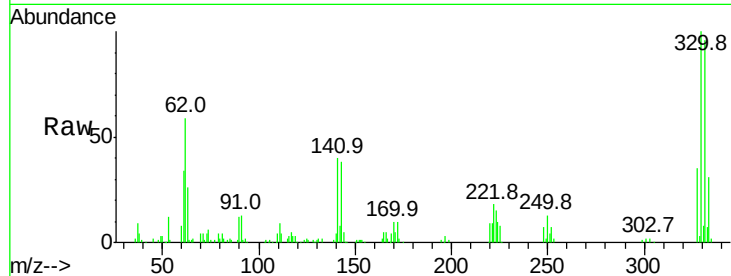




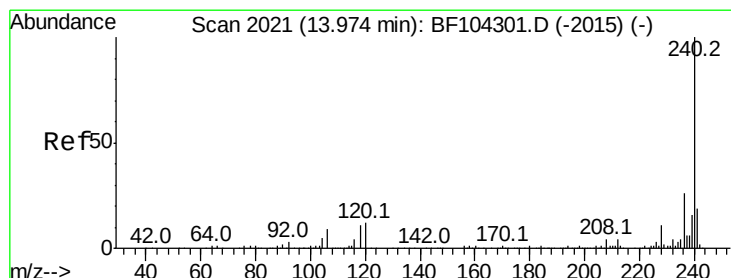
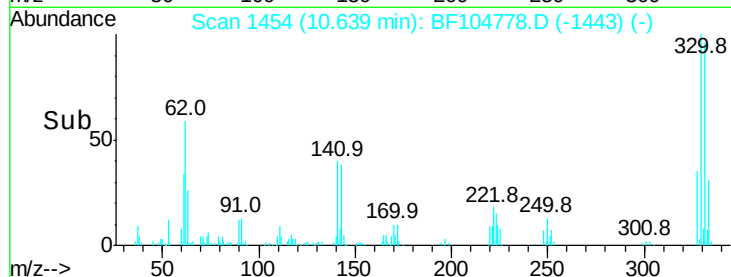
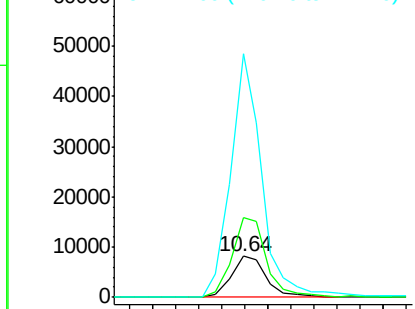
#66
 4-Bromophenyl-phenylether
 Concen: 3.174 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF104778.D
 Acq: 25 Apr 2018 3:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8464
 Ion Ratio Lower Upper
 248 100
 250 192.5 76.9 115.3#
 141 589.6 74.4 111.6#

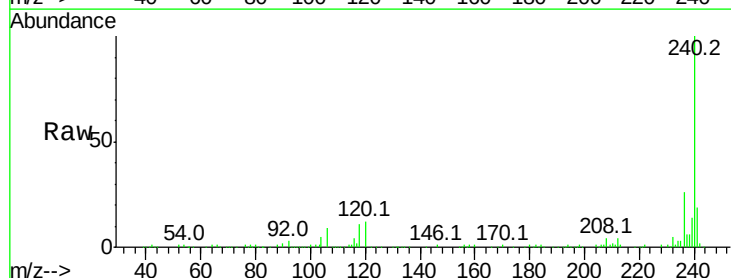


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

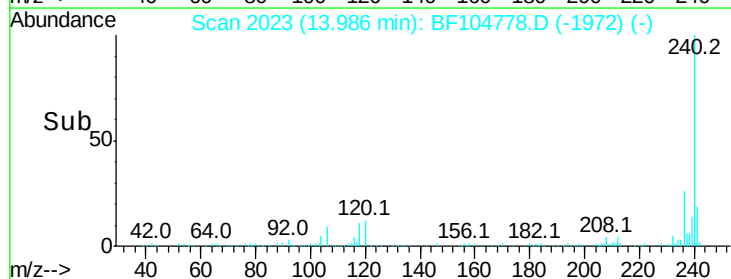
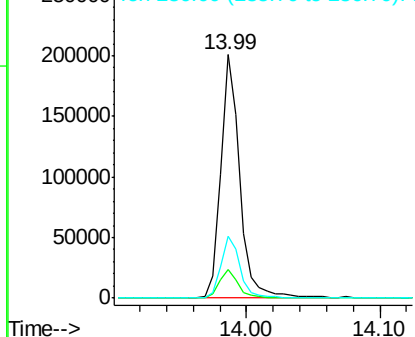


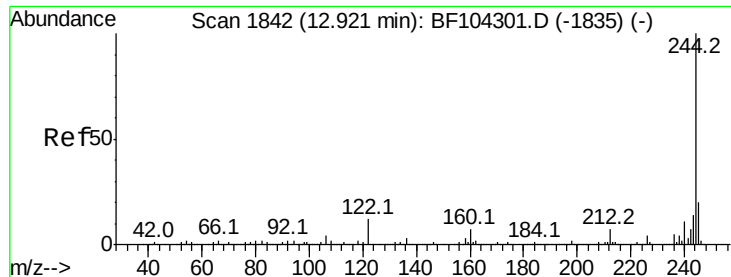
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: BF104778.D
 Acq: 25 Apr 2018 3:44

Tgt Ion:240 Resp: 202477
 Ion Ratio Lower Upper
 240 100
 120 12.0 9.5 14.3
 236 25.6 20.7 31.1



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

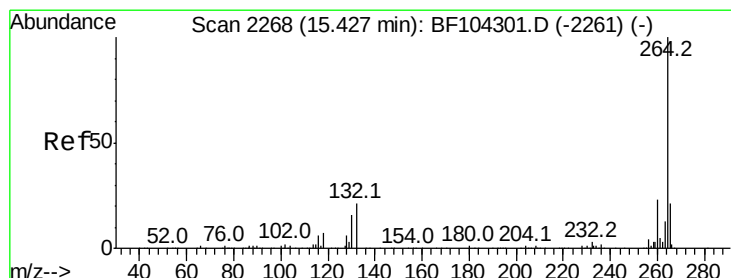
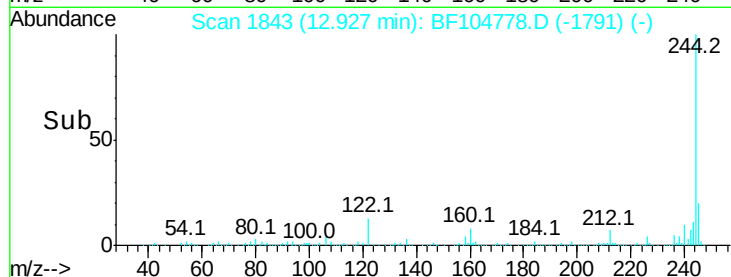
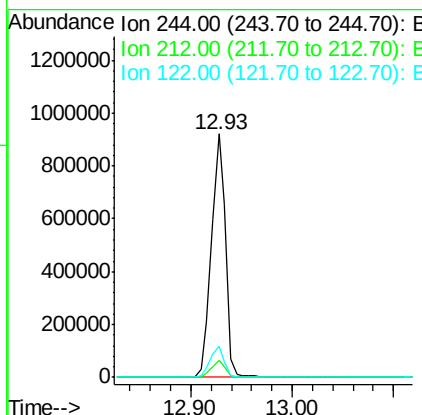
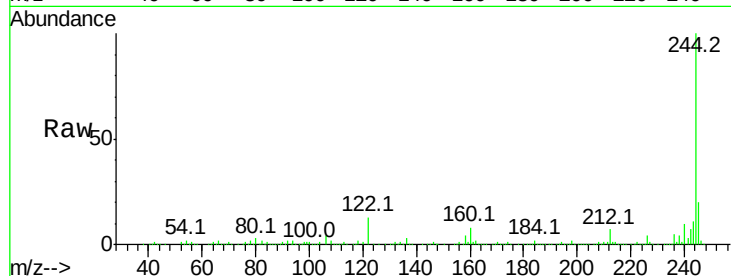




#78
 Terphenyl-d14
 Concen: 100.870 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF104778.D
 Acq: 25 Apr 2018 3:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 895851
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.02 min
 Lab File: BF104778.D
 Acq: 25 Apr 2018 3:44

Tgt Ion:264 Resp: 138225
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.9 17.5 26.3

