

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104838.D
 Acq On : 26 Apr 2018 15:48
 Operator : JU/SJ
 Sample : J2525-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 07:32:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

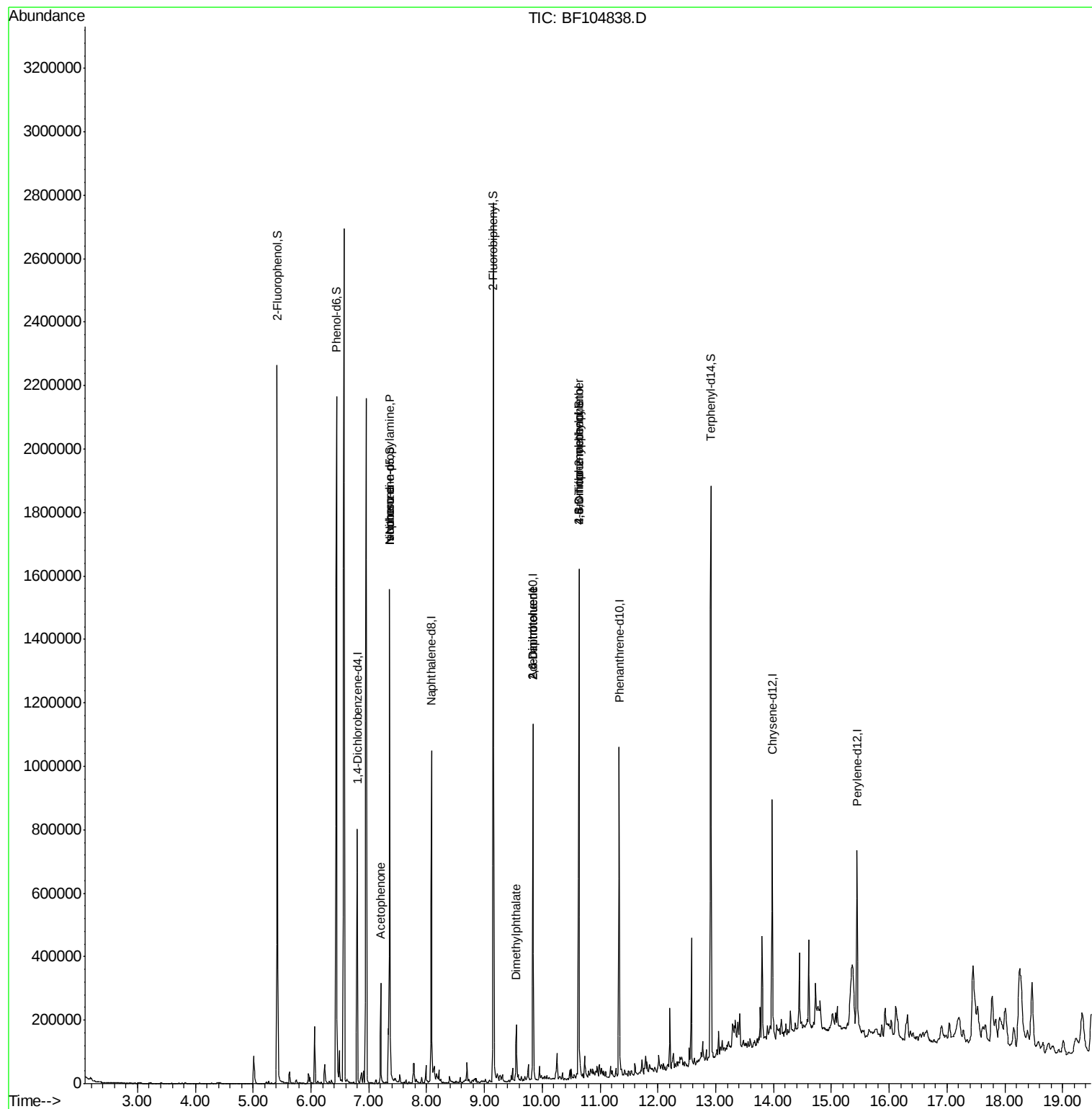
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	118076	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	487587	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	213552	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	354646	20.00	ng	0.00
75) Chrysene-d12	13.97	240	239211	20.00	ng	-0.01
86) Perylene-d12	15.44	264	251795	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	730716	94.63	ng	0.00
7) Phenol-d6	6.44	99	893583	94.18	ng	0.00
23) Nitrobenzene-d5	7.36	82	549251	73.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	216259	97.62	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	845706	62.56	ng	0.00
78) Terphenyl-d14	12.92	244	584569	55.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	69944	11.281	ng	# 73
22) Acetophenone	7.20	105	86447	7.201	ng	# 91
25) Isophorone	7.36	82	549245	34.784	ng	# 64
49) Dimethylphthalate	9.55	163	70342	4.177	ng	# 99
50) 2,6-Dinitrotoluene	9.84	165	27137	8.709	ng	# 26
56) 2,4-Dinitrotoluene	9.84	165	27137	6.639	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.63	198	412	7.549	ng	# 7
66) 4-Bromophenyl-phenylether	10.63	248	13374	3.545	ng	# 1
76) Benzidine	12.50	184	1263	Below Cal		# 54

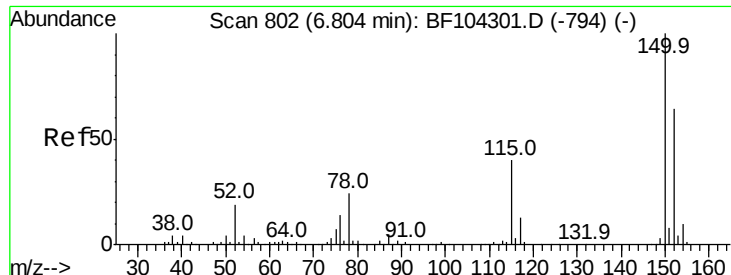
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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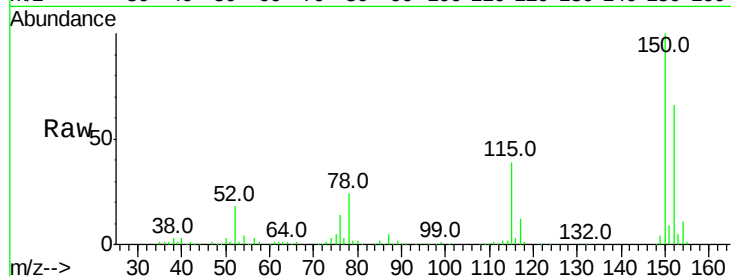


#1

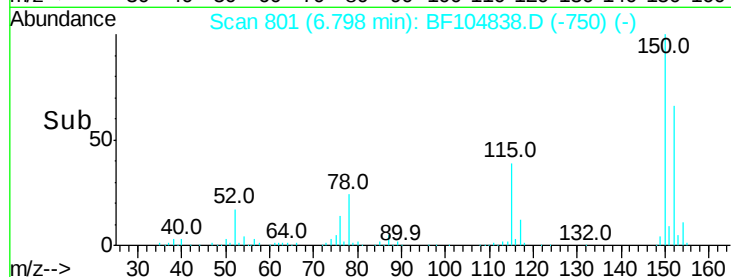
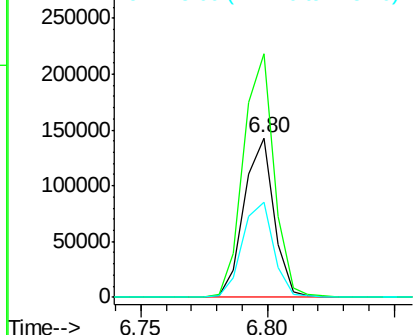
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104838.D
Acq: 26 Apr 2018 15:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 118076
Ion Ratio Lower Upper
152 100
150 152.4 124.6 186.8
115 59.3 50.1 75.1



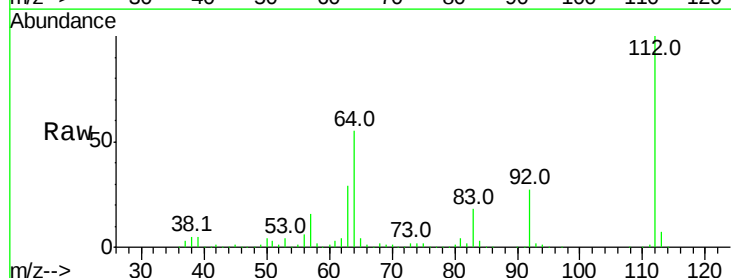
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



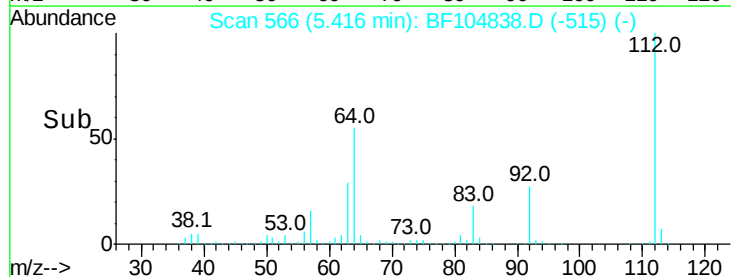
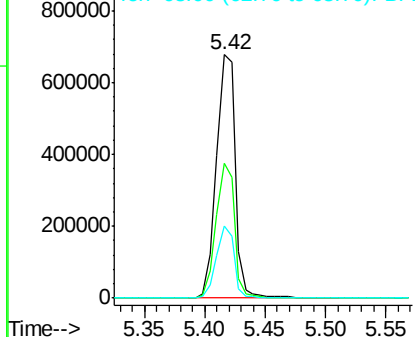
#5

2-Fluorophenol
Concen: 94.626 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104838.D
Acq: 26 Apr 2018 15:48

Tgt Ion:112 Resp: 730716
Ion Ratio Lower Upper
112 100
64 55.3 47.9 71.9
63 29.4 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: 94.180 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104838.D

Acq: 26 Apr 2018 15:48

Instrument :

BNA_F

ClientSampled :

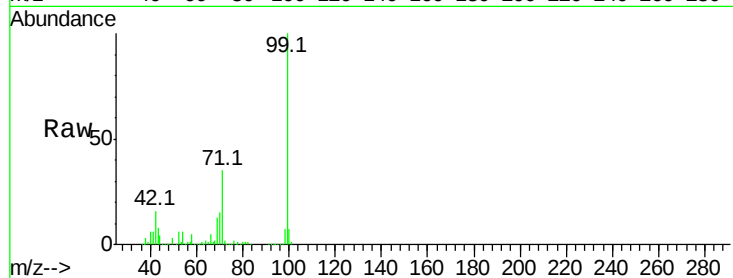
Tot Ion: 99 Resp: 893583

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

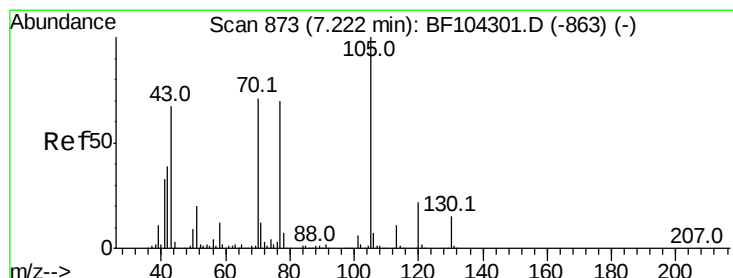
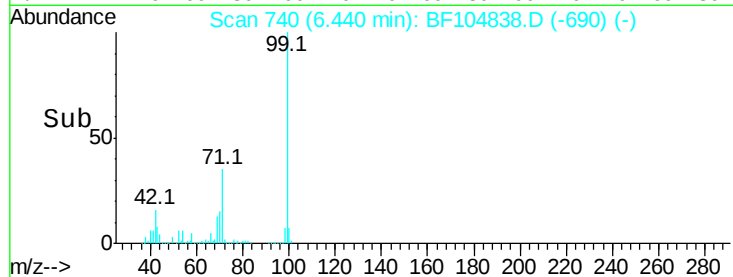
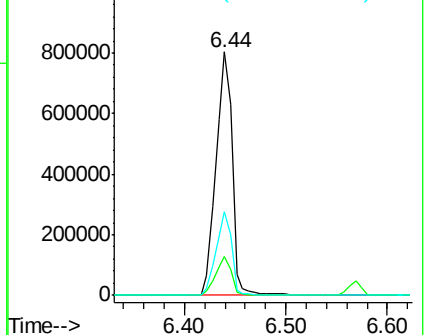
71 34.5 25.4 38.0



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: 11.281 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF104838.D

Acq: 26 Apr 2018 15:48

Tgt Ion: 70 Resp: 69944

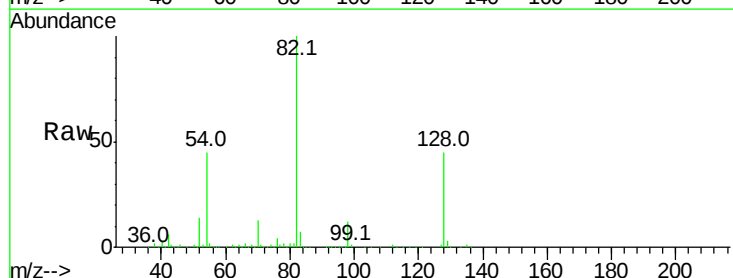
Ion Ratio Lower Upper

70 100

42 42.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

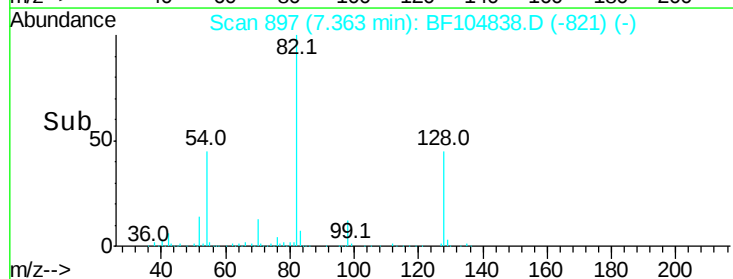
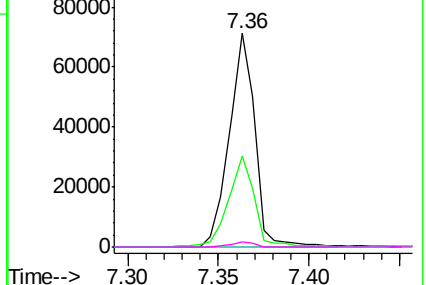


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

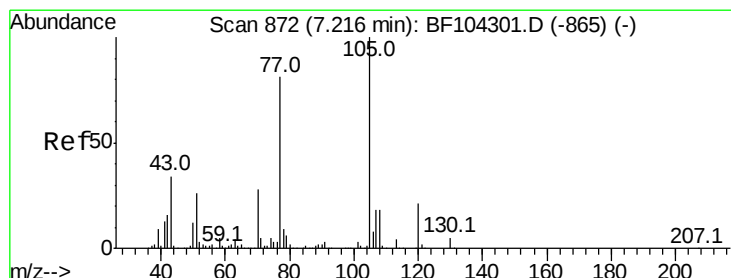
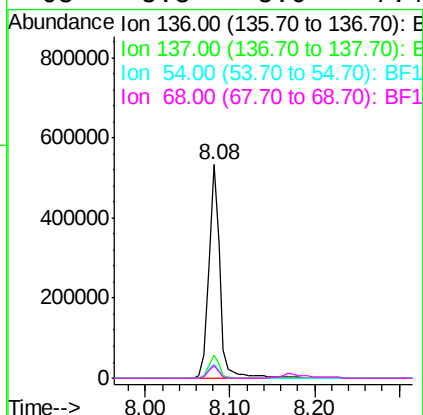
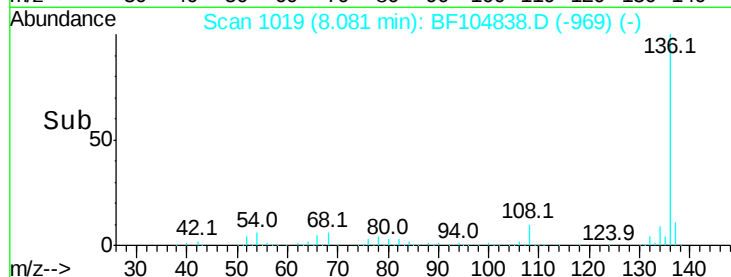
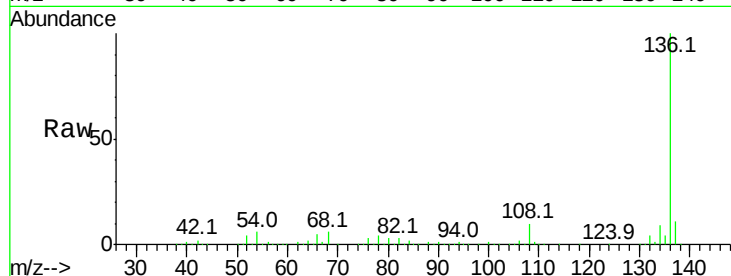




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104838.D
Acq: 26 Apr 2018 15:48

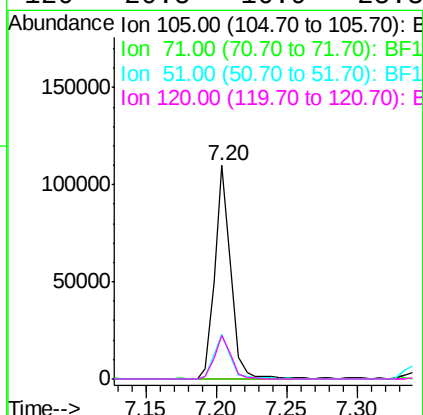
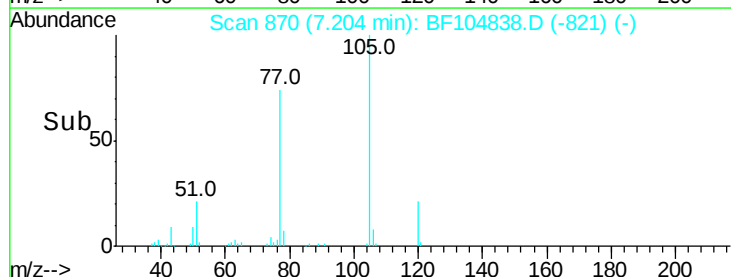
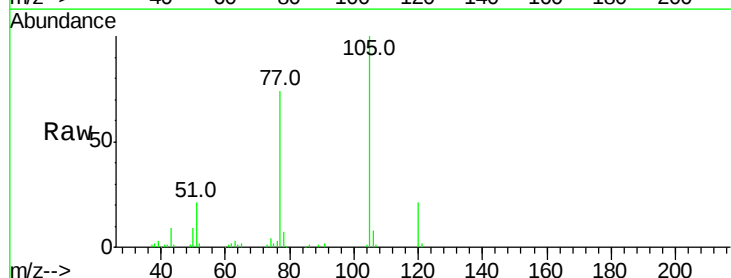
Instrument :
BNA_F
ClientSampleId :

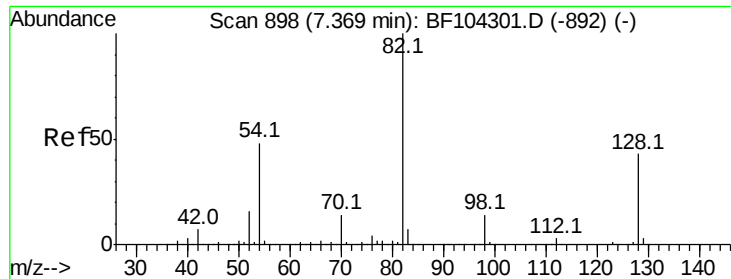
Tot Ion:	136	Resp:	487587
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.5	6.6	9.8#
68	5.8	5.0	7.4



#22
Acetophenone
Concen: 7.201 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF104838.D
Acq: 26 Apr 2018 15:48

Tgt Ion:	105	Resp:	86447
Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.4	6.6#
51	21.3	22.3	33.5#
120	20.5	16.9	25.3

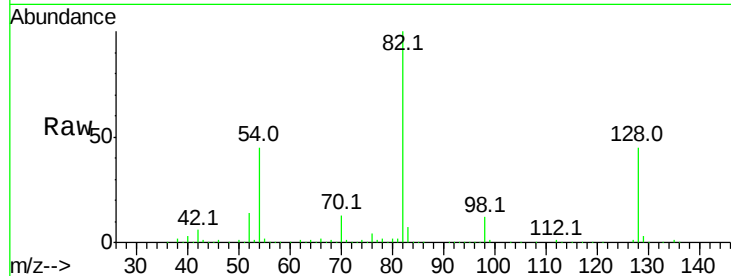




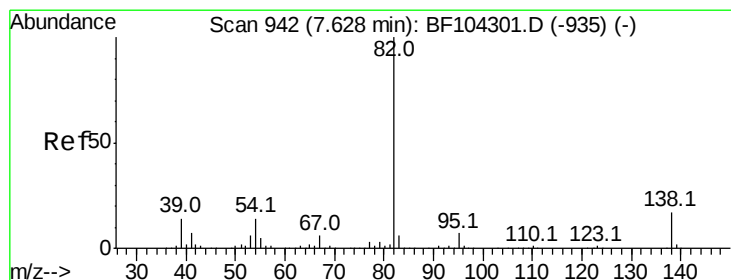
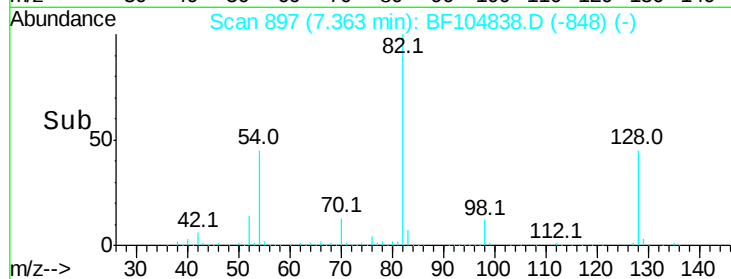
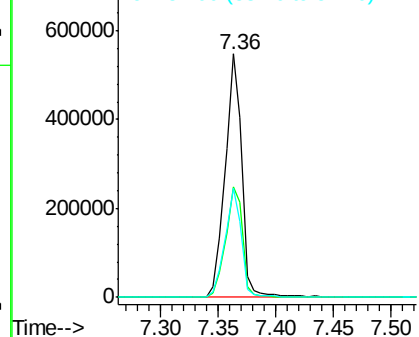
#23
 Nitrobenzene-d5
 Concen: 73.556 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104838.D
 Acq: 26 Apr 2018 15:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	549251
Ion Ratio	Lower	Upper	
82	100		
128	45.4	36.1	54.1
54	44.9	41.4	62.2

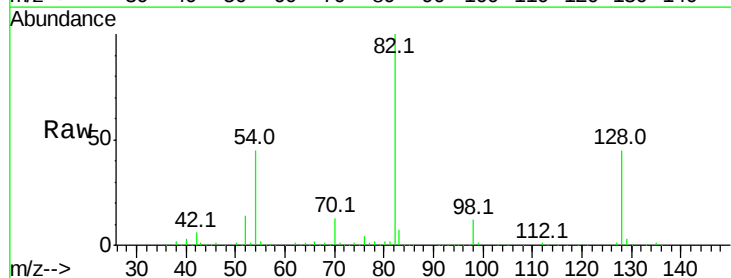


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

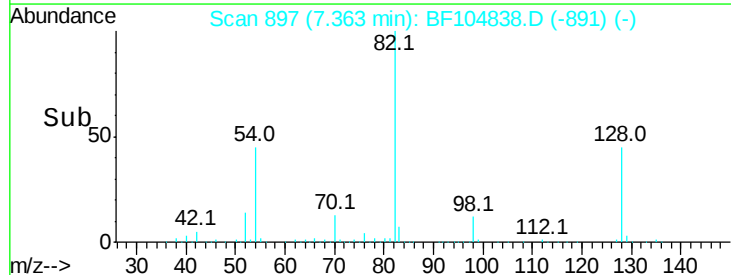
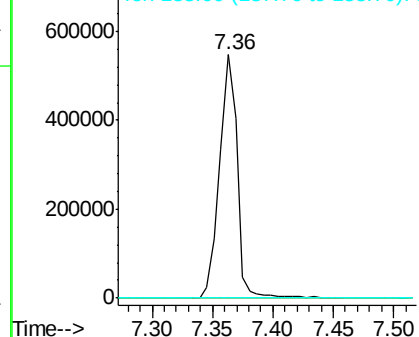


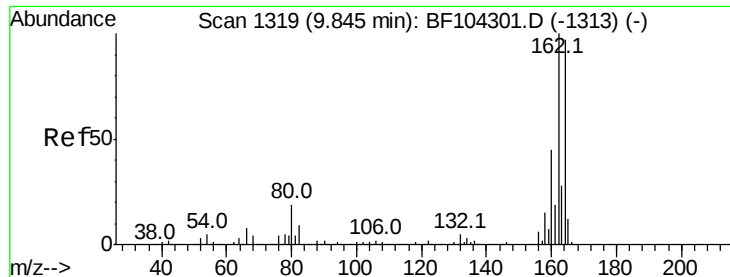
#25
 Isophorone
 Concen: 34.784 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.26 min
 Lab File: BF104838.D
 Acq: 26 Apr 2018 15:48

Tgt Ion	82	Resp	549245
Ion Ratio	Lower	Upper	
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



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

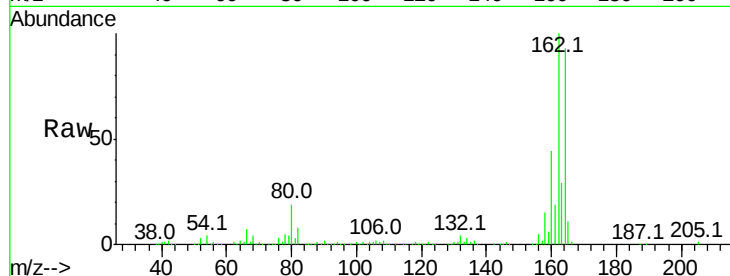




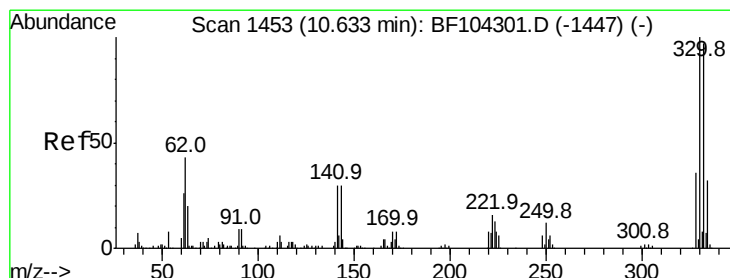
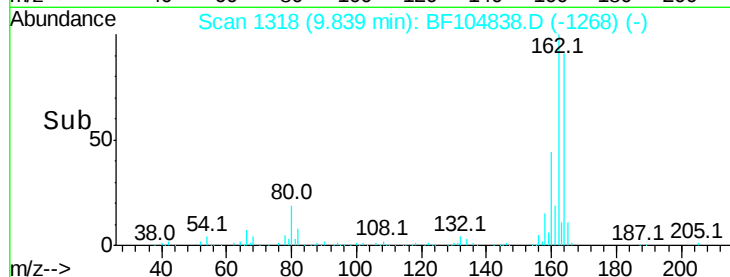
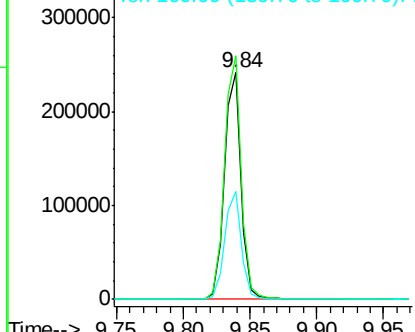
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104838.D
 Acq: 26 Apr 2018 15:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.5	86.1	129.1
160	47.7	38.3	57.5

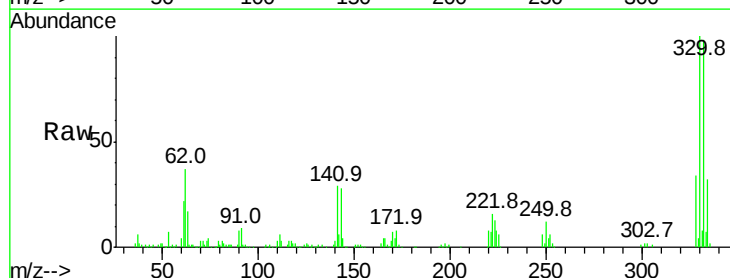


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

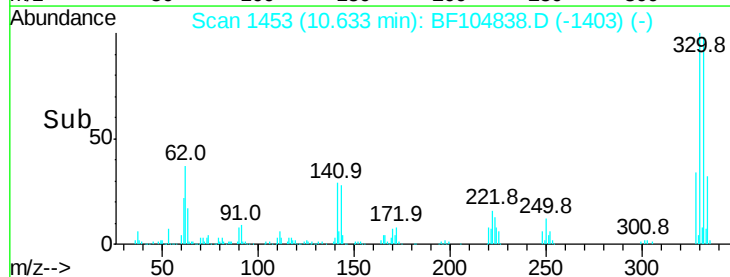
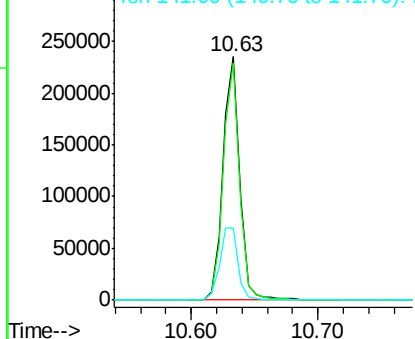


#41
 2,4,6-Tribromophenol
 Concen: 97.624 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104838.D
 Acq: 26 Apr 2018 15:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	33.2	29.9	44.9



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

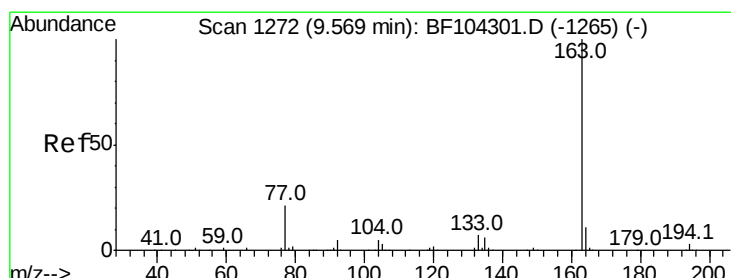
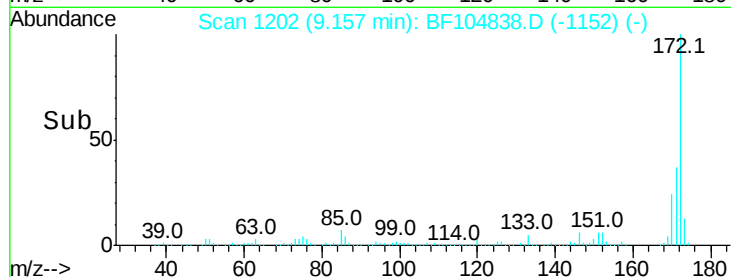
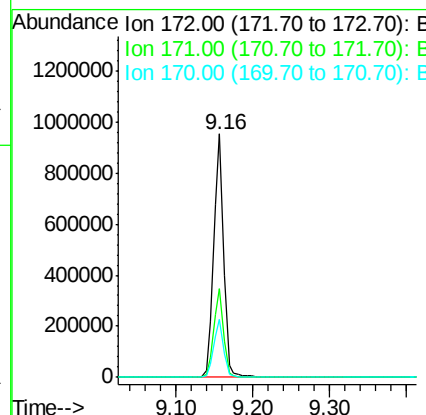
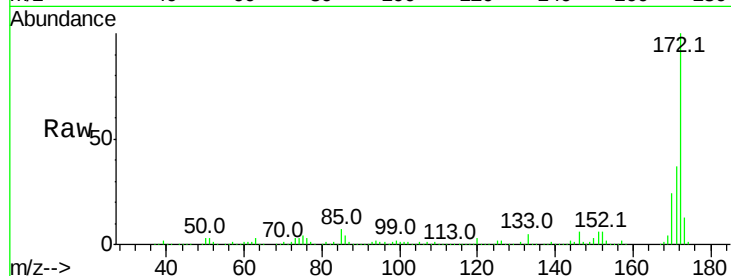




#44
2-Fluorobiphenyl
Concen: 62.561 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF104838.D
Acq: 26 Apr 2018 15:48

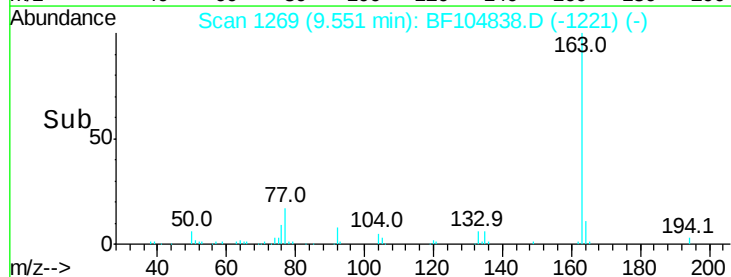
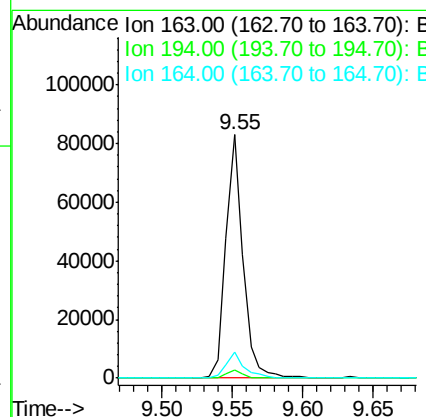
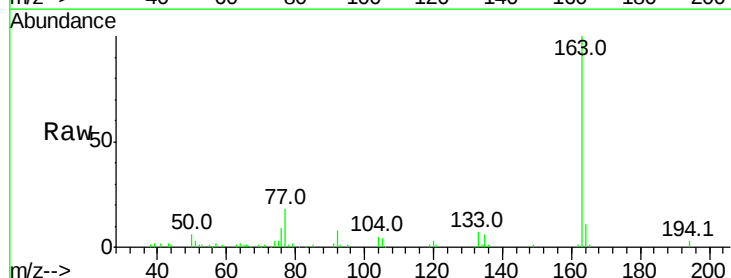
Instrument :
BNA_F
ClientSampleId :

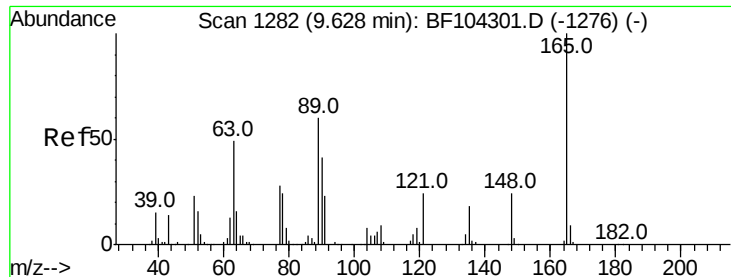
Tot Ion:172 Resp: 845706
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 23.9 19.6 29.4



#49
Dimethylphthalate
Concen: 4.177 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104838.D
Acq: 26 Apr 2018 15:48

Tgt Ion:163 Resp: 70342
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.6 8.2 12.2

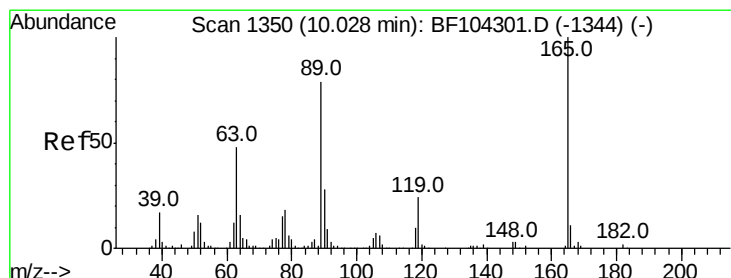
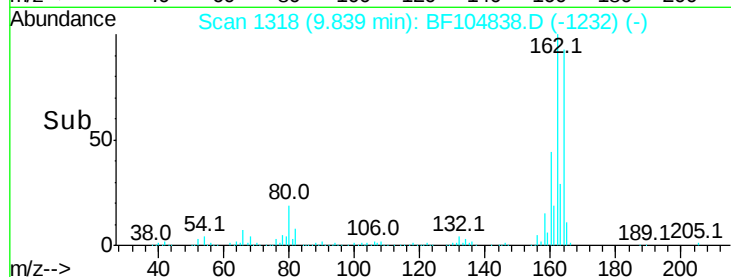
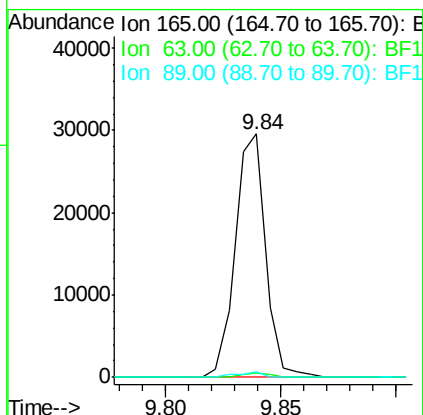
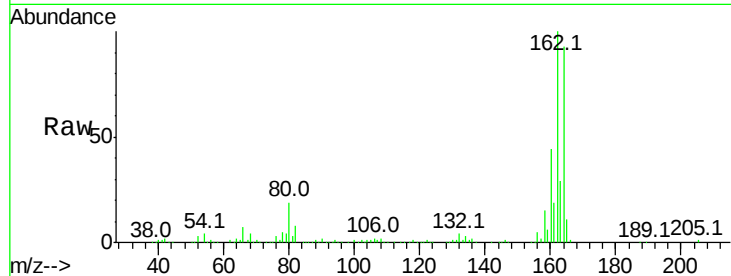




#50
 2,6-Dinitrotoluene
 Concen: 8.709 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.21 min
 Lab File: BF104838.D
 Acq: 26 Apr 2018 15:48

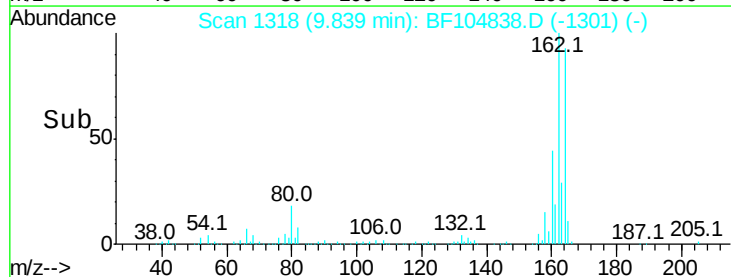
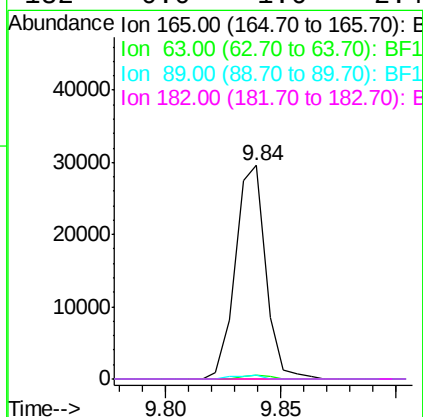
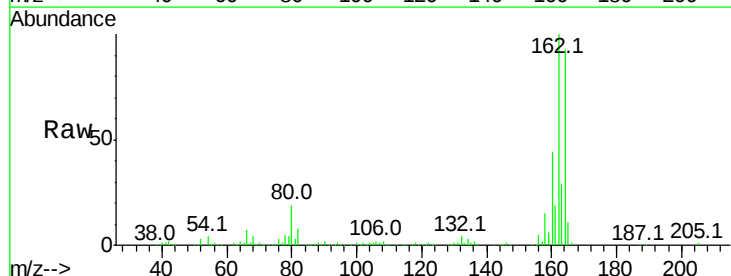
Instrument :
 BNA_F
 ClientSampleId :

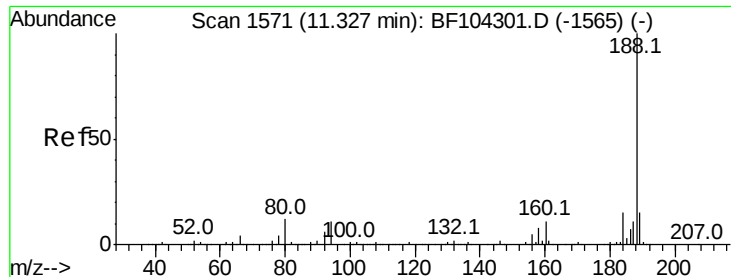
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	2.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.639 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.20 min
 Lab File: BF104838.D
 Acq: 26 Apr 2018 15:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

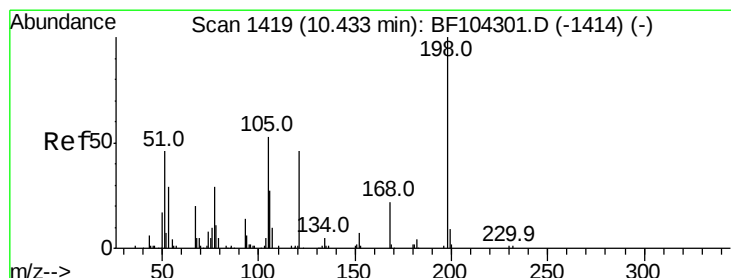
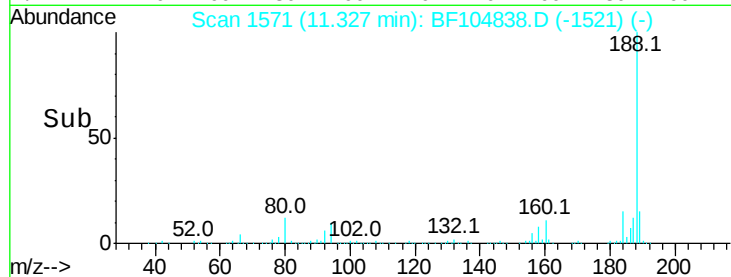
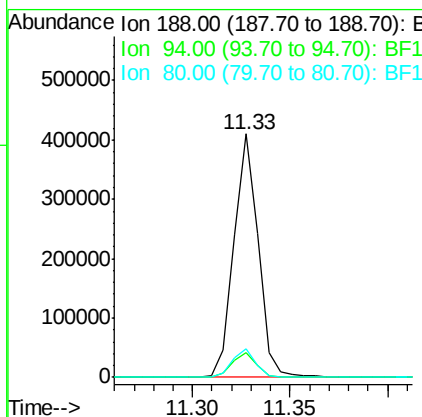
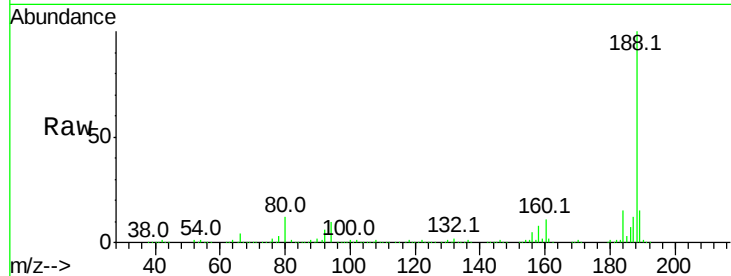




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104838.D
Acq: 26 Apr 2018 15:48

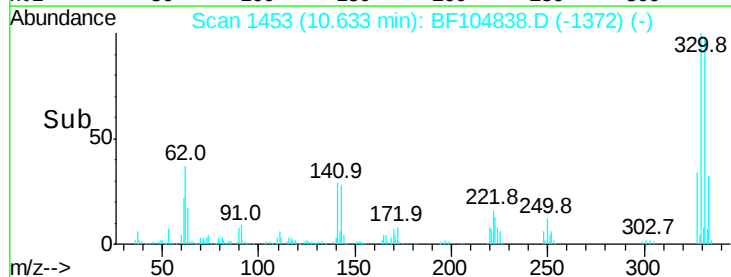
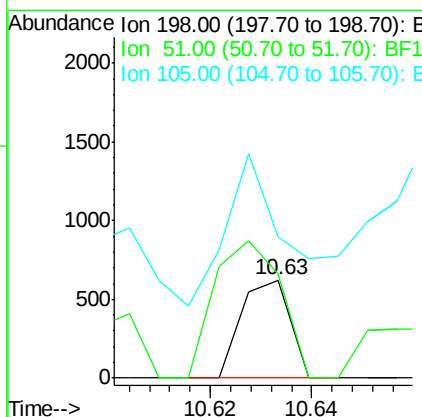
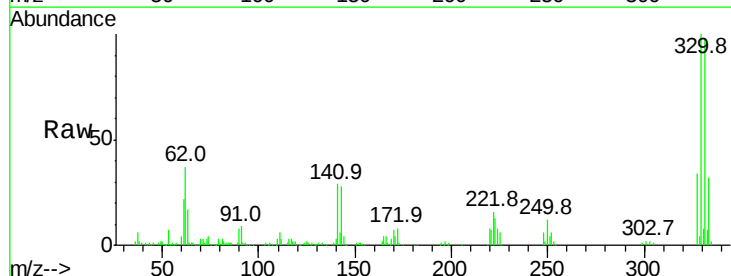
Instrument :
BNA_F
ClientSampleId :

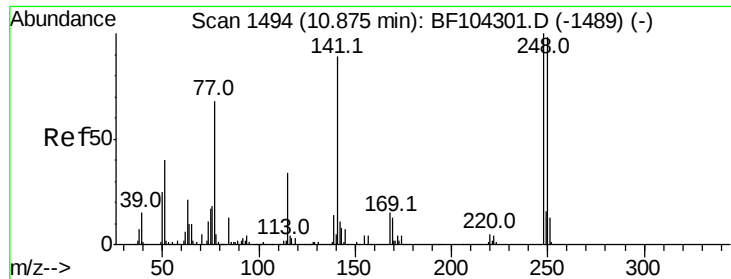
Tot Ion:188 Resp: 354646
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.549 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104838.D
Acq: 26 Apr 2018 15:48

Tgt Ion:198 Resp: 412
Ion Ratio Lower Upper
198 100
51 106.3 37.7 77.7#
105 144.3 36.3 76.3#

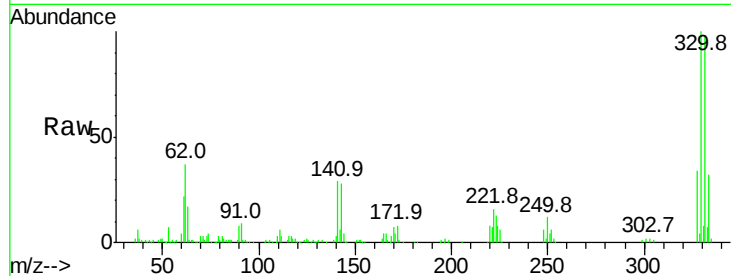




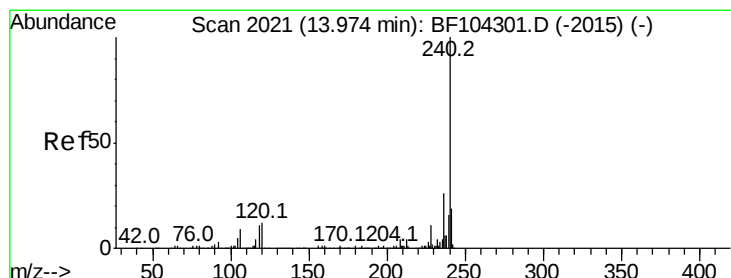
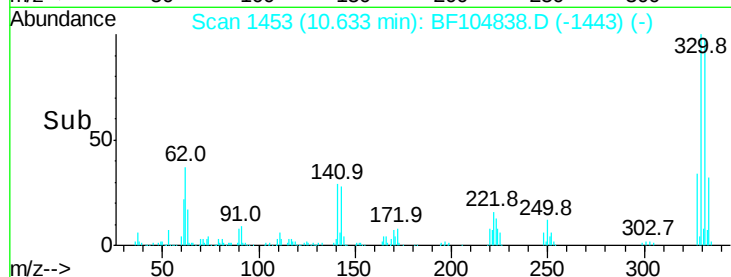
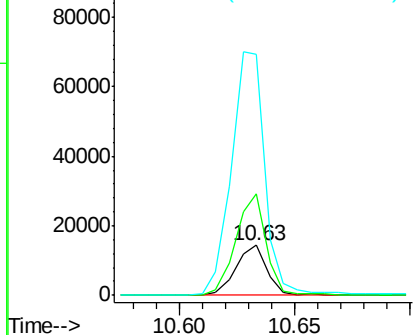
#66
 4-Bromophenyl-phenylether
 Concen: 3.545 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.24 min
 Lab File: BF104838.D
 Acq: 26 Apr 2018 15:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13374
 Ion Ratio Lower Upper
 248 100
 250 202.0 76.9 115.3#
 141 478.9 74.4 111.6#

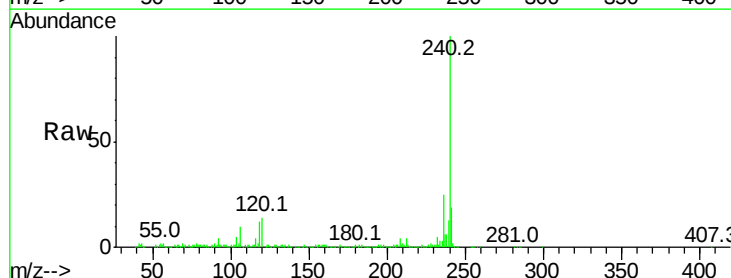


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

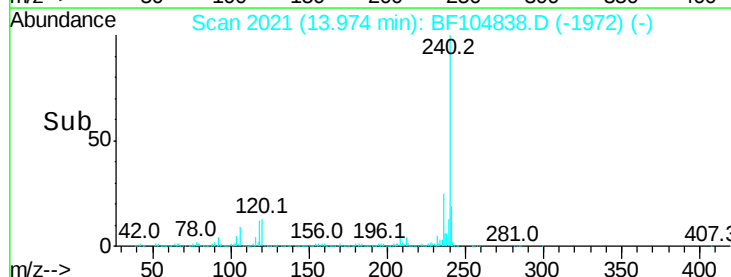
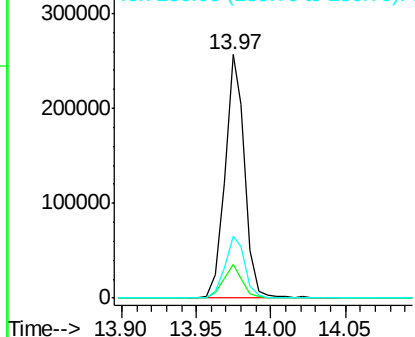


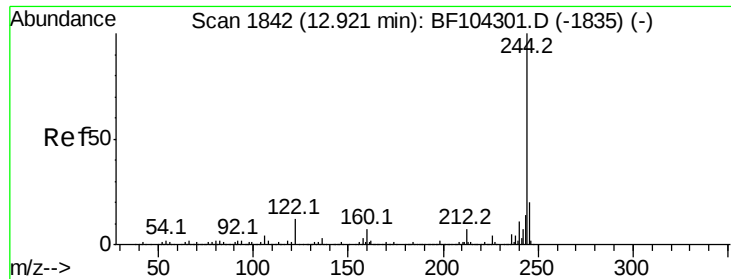
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF104838.D
 Acq: 26 Apr 2018 15:48

Tgt Ion:240 Resp: 239211
 Ion Ratio Lower Upper
 240 100
 120 13.8 9.5 14.3
 236 25.4 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

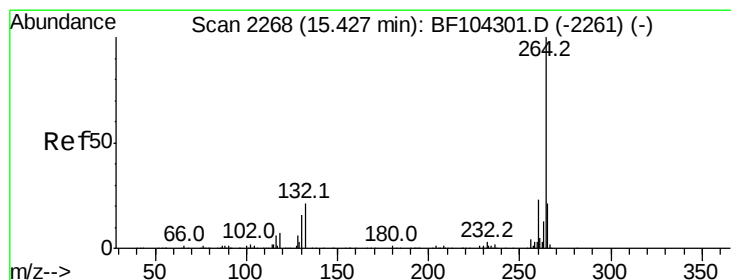
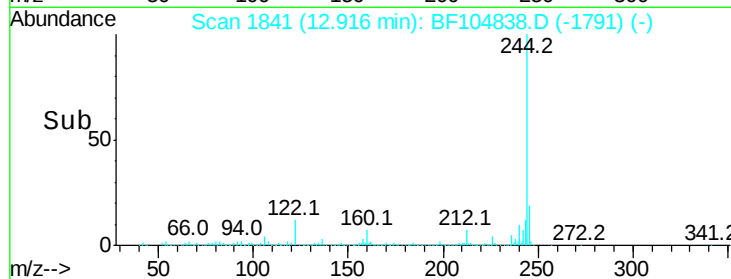
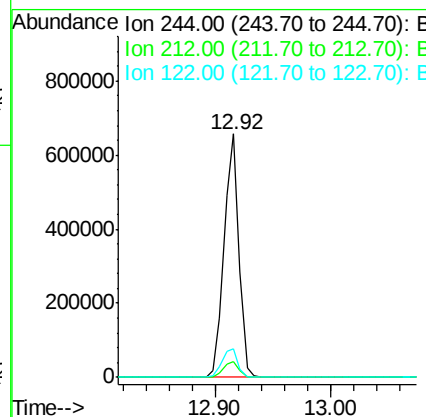
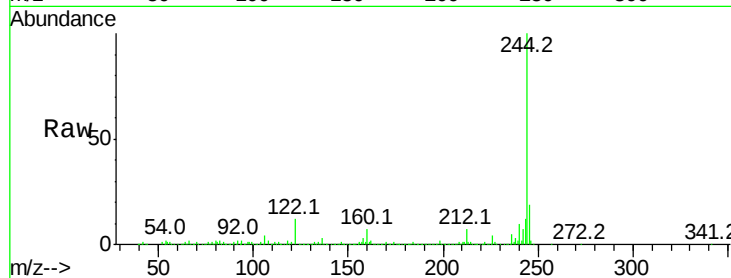




#78
 Terphenyl-d14
 Concen: 55.713 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104838.D
 Acq: 26 Apr 2018 15:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 584569
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF104838.D
 Acq: 26 Apr 2018 15:48

Tgt Ion:264 Resp: 251795
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.3 17.5 26.3

