

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104348.D
 Acq On : 7 Apr 2018 10:17
 Operator : JU/SJ
 Sample : J2255-03
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 09 00:49:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

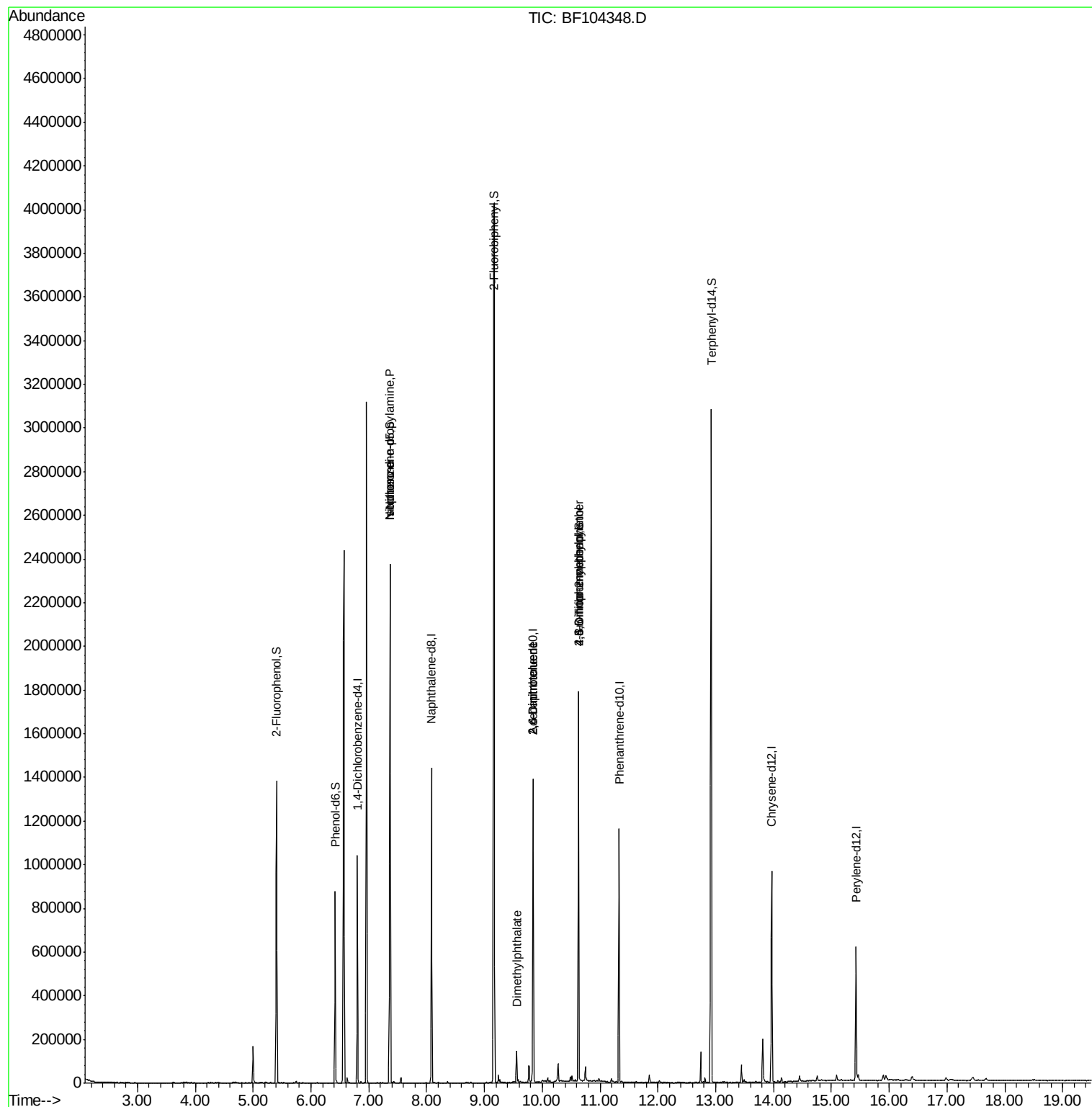
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	149202	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	588845	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	259152	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	389769	20.00	ng	0.00
75) Chrysene-d12	13.97	240	294451	20.00	ng	0.00
86) Perylene-d12	15.43	264	268372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	363823	37.29	ng	0.00
7) Phenol-d6	6.42	99	270020	22.52	ng	-0.01
23) Nitrobenzene-d5	7.37	82	875402	97.07	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	203718	75.78	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1453381	88.60	ng	0.00
78) Terphenyl-d14	12.92	244	1060316	82.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	114871	14.662	ng	# 74
25) Isophorone	7.37	82	874849	45.877	ng	# 64
49) Dimethylphthalate	9.56	163	53968	2.641	ng	# 98
50) 2,6-Dinitrotoluene	9.84	165	33542	8.870	ng	# 25
56) 2,4-Dinitrotoluene	9.84	165	33542	6.762	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	288	7.476	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	12140	2.928	ng	# 1
76) Benzidine	12.92	184	14025	Below Cal		# 94

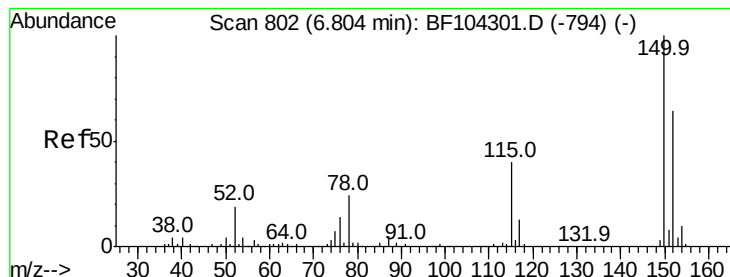
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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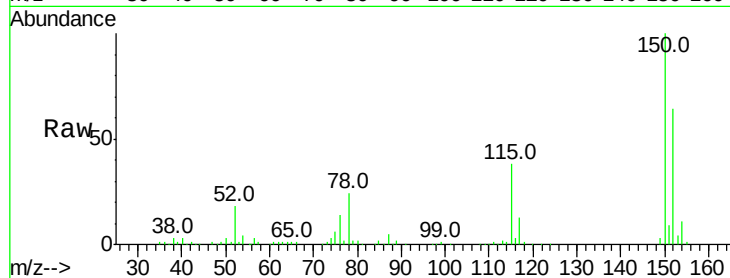


#1

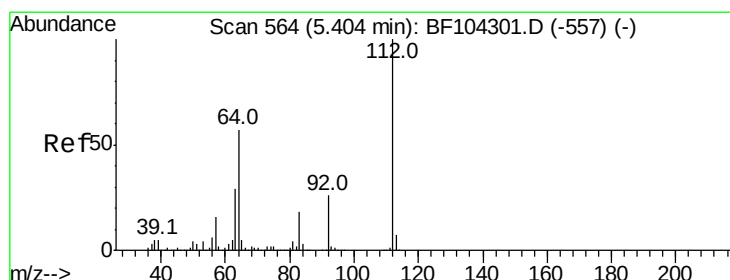
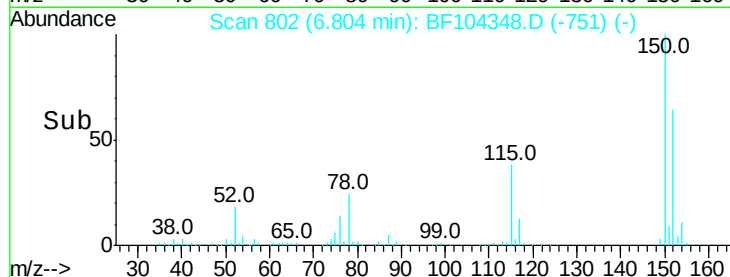
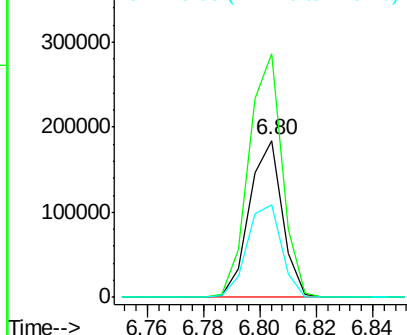
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104348.D
Acq: 7 Apr 2018 10:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	59.3	50.1	75.1



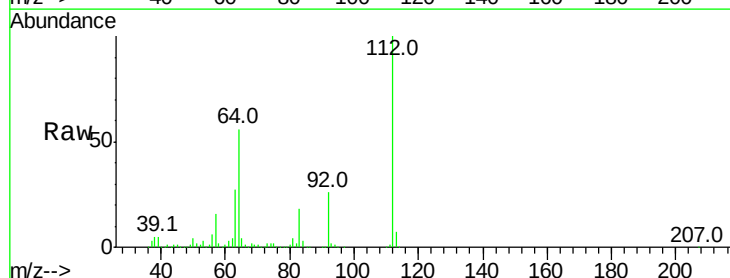
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



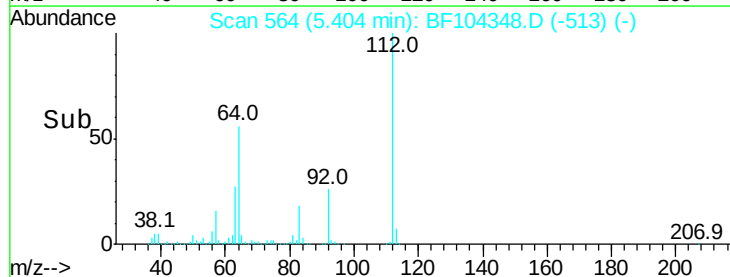
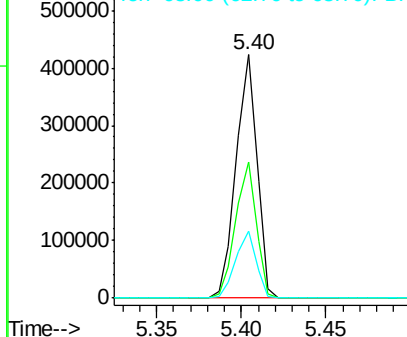
#5

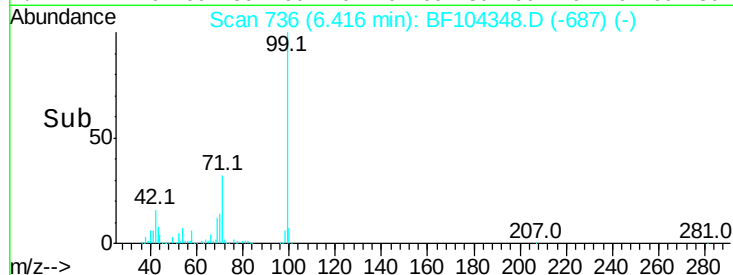
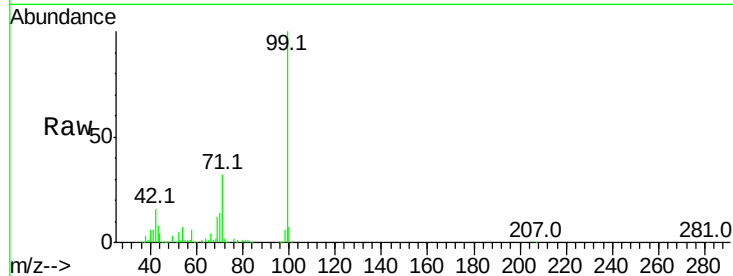
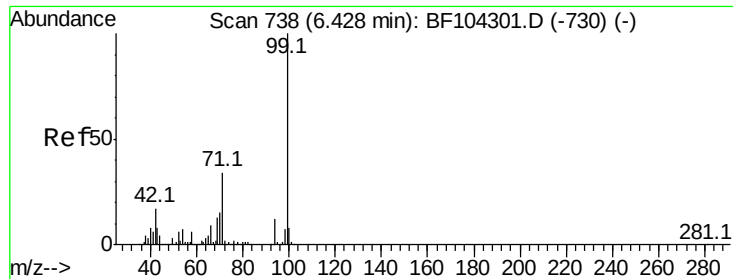
2-Fluorophenol
Concen: 37.285 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF104348.D
Acq: 7 Apr 2018 10:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.9	71.9
63	27.5	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: 22.522 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF104348.D

Acq: 7 Apr 2018 10:17

Instrument :

BNA_F

ClientSampleId :

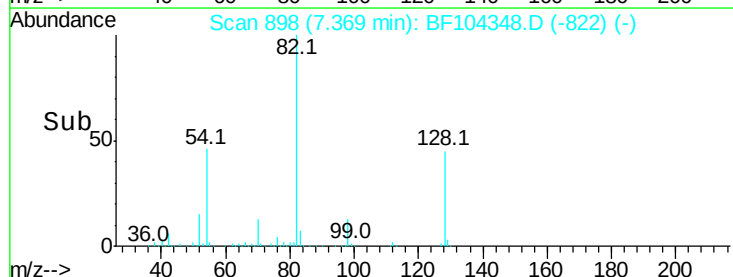
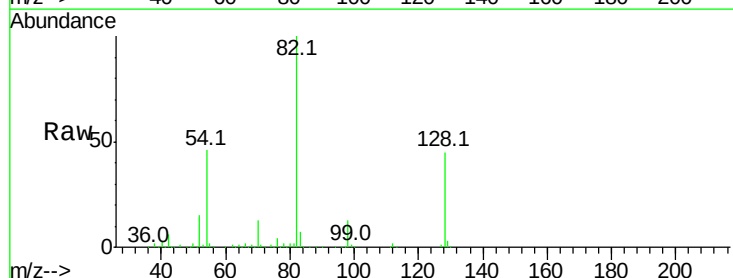
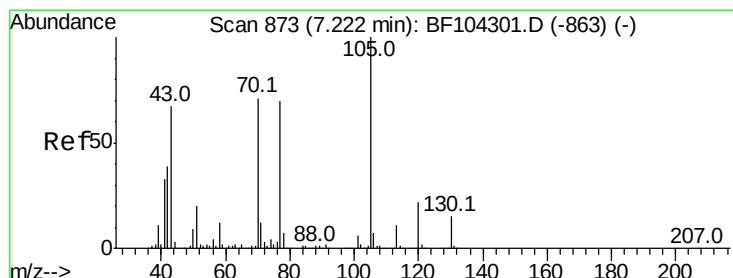
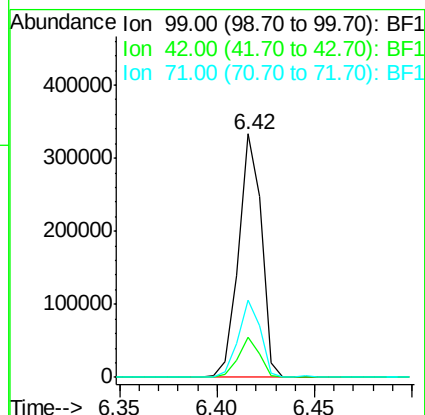
Tot Ion: 99 Resp: 270020

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

71 31.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.662 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104348.D

Acq: 7 Apr 2018 10:17

Tgt Ion: 70 Resp: 114871

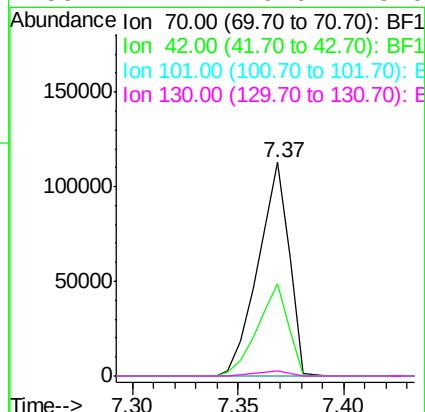
Ion Ratio Lower Upper

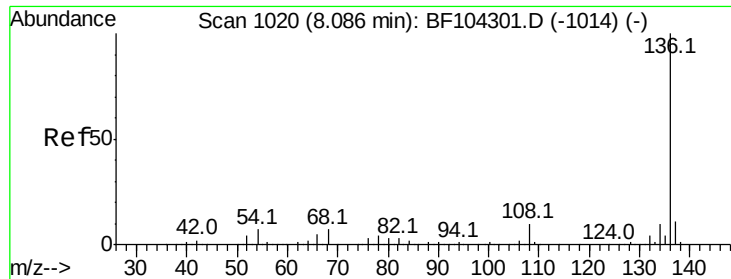
70 100

42 43.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

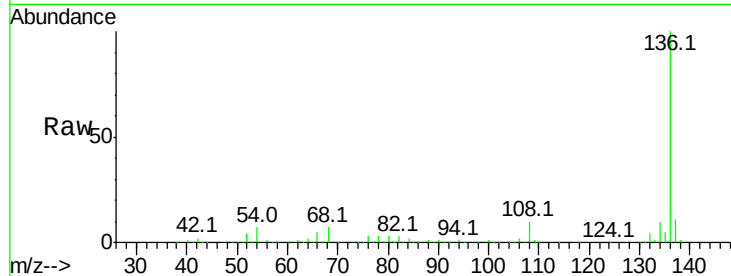




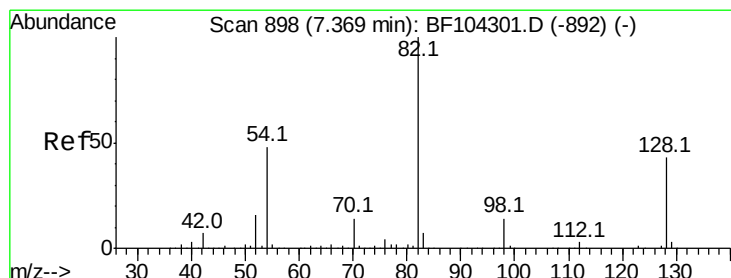
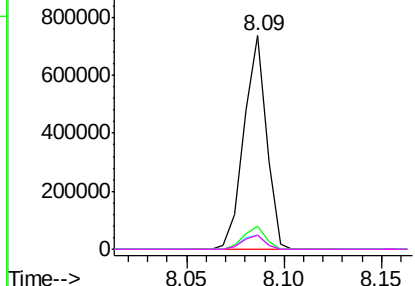
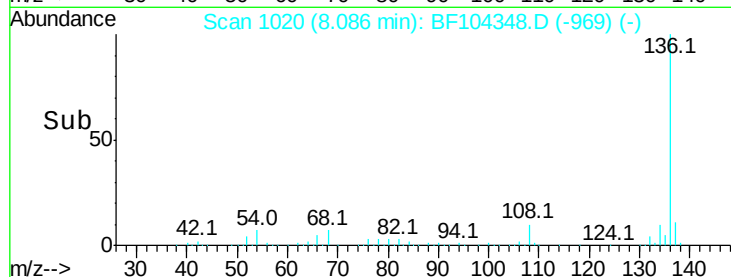
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104348.D
Acq: 7 Apr 2018 10:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	588845
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.7	6.6	9.8
68	6.5	5.0	7.4

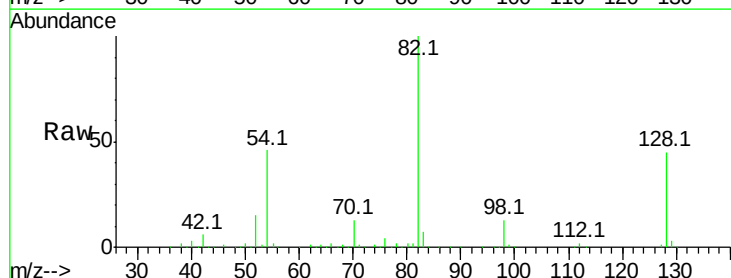


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

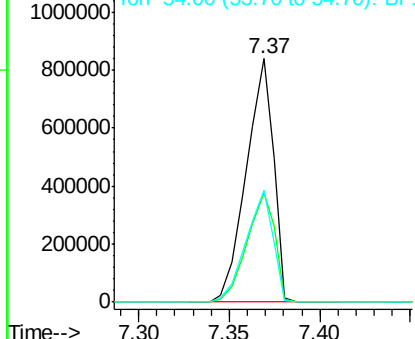
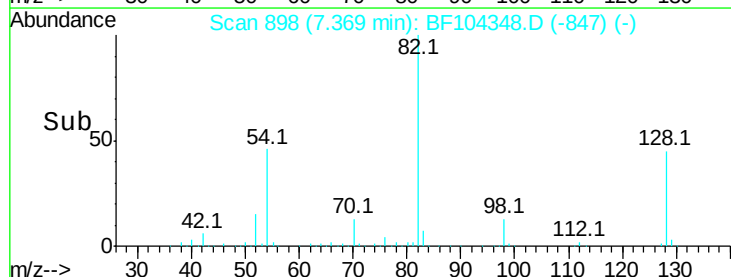


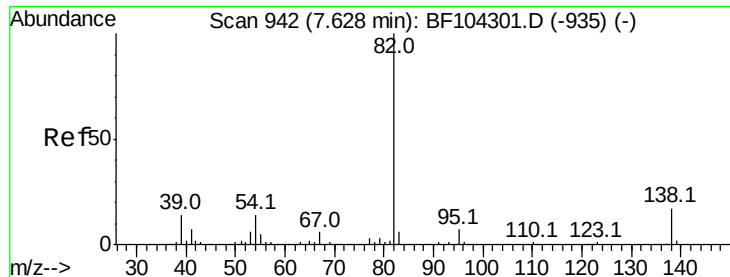
#23
Nitrobenzene-d5
Concen: 97.075 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104348.D
Acq: 7 Apr 2018 10:17

Tgt Ion:	82	Resp:	875402
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	45.8	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: 45.877 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104348.D

Acq: 7 Apr 2018 10:17

Instrument :

BNA_F

ClientSampleId :

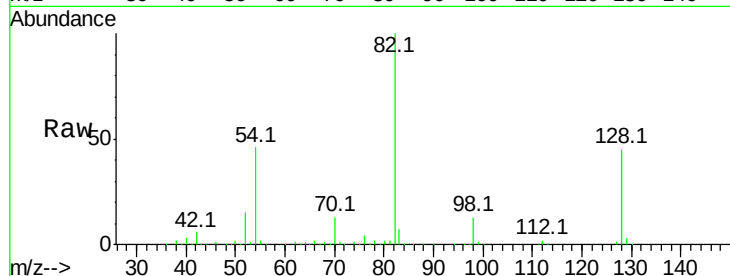
Tot Ion: 82 Resp: 874849

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

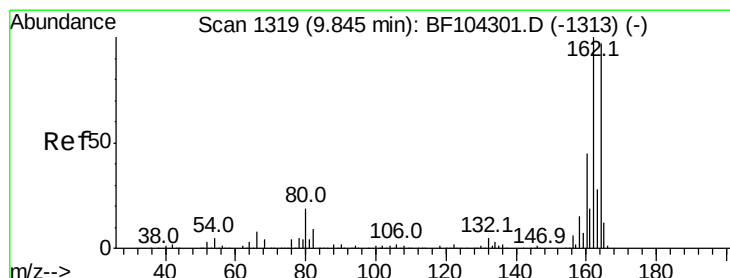
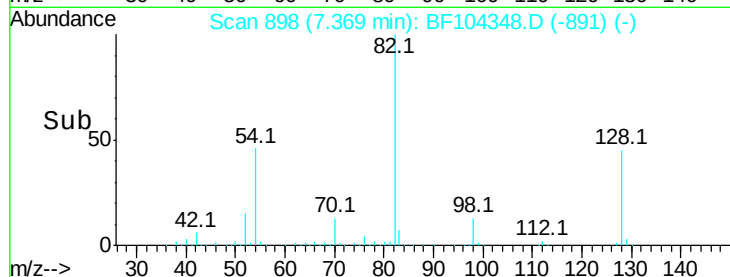
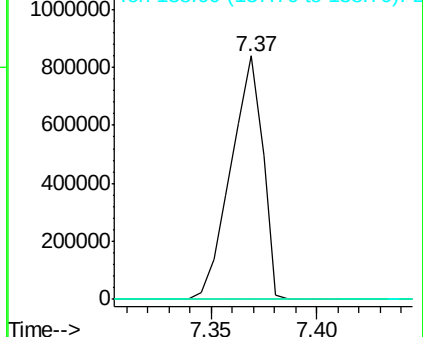
138 0.0 14.9 22.3#



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: BF104348.D

Acq: 7 Apr 2018 10:17

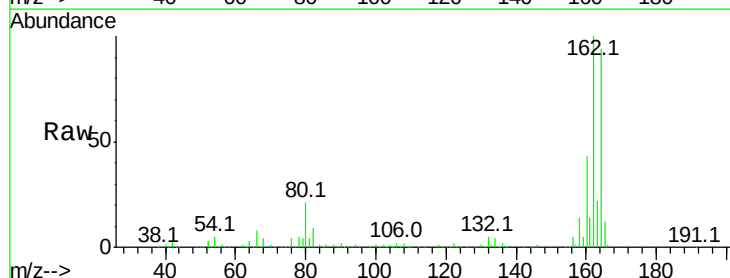
Tgt Ion:164 Resp: 259152

Ion Ratio Lower Upper

164 100

162 106.7 86.1 129.1

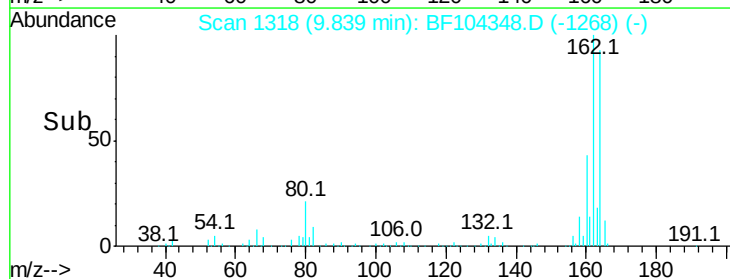
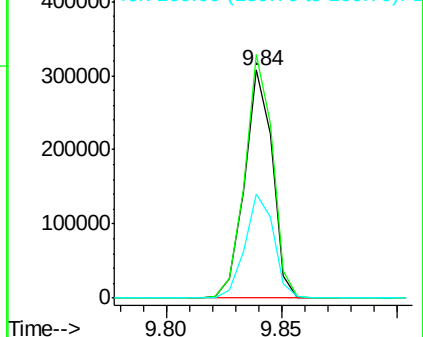
160 45.5 38.3 57.5

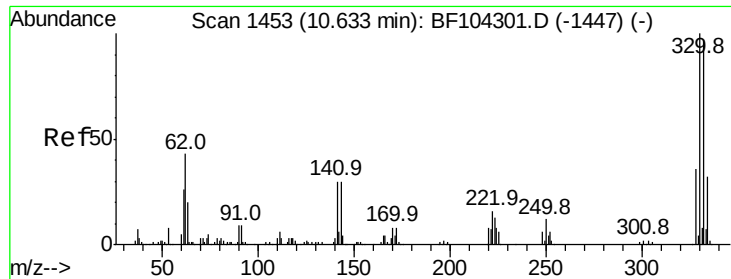


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

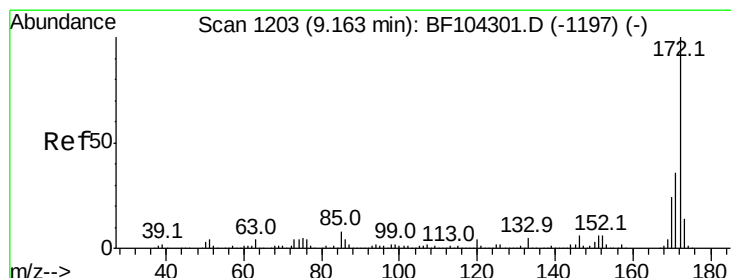
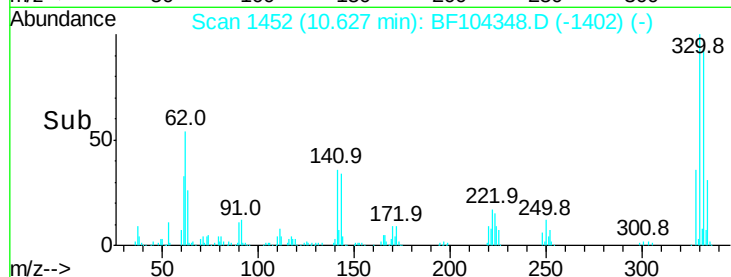
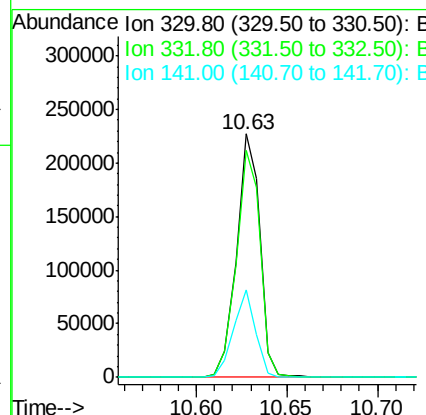
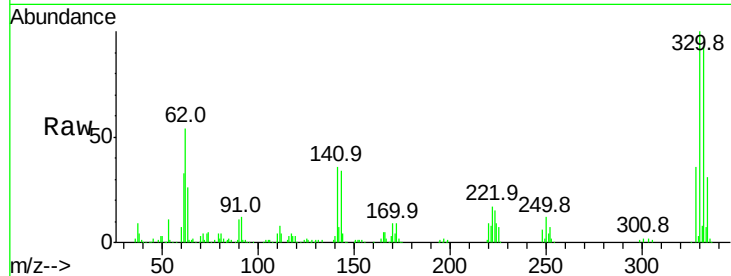




#41
 2,4,6-Tribromophenol
 Concen: 75.781 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104348.D
 Acq: 7 Apr 2018 10:17

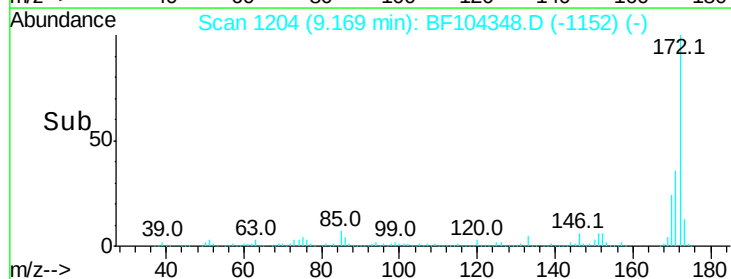
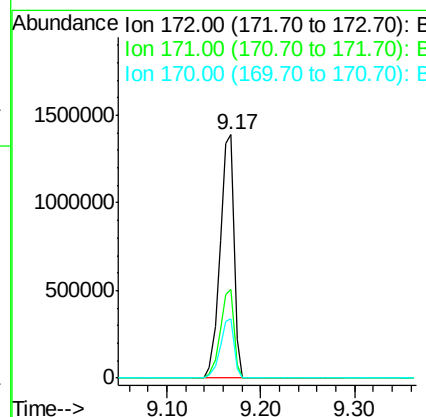
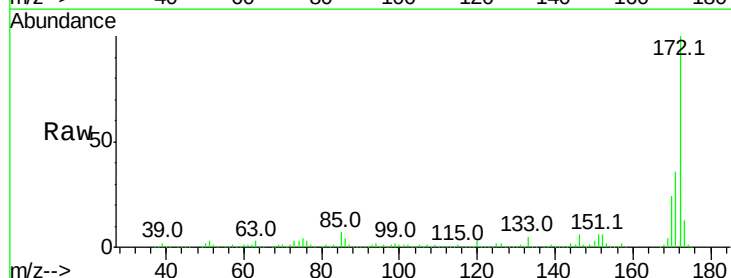
Instrument :
 BNA_F
 ClientSampleId :

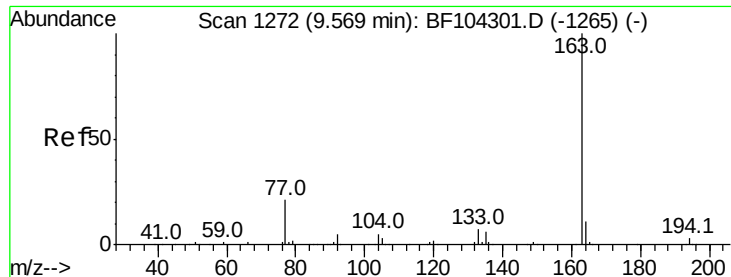
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	34.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 88.596 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104348.D
 Acq: 7 Apr 2018 10:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4

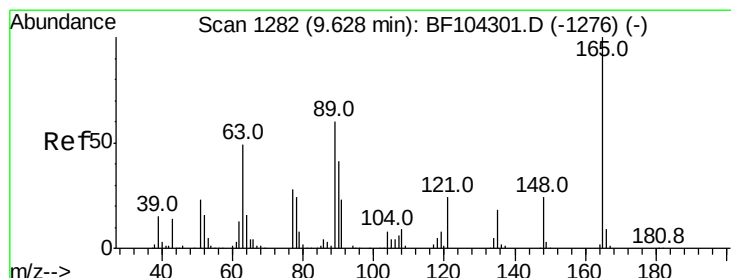
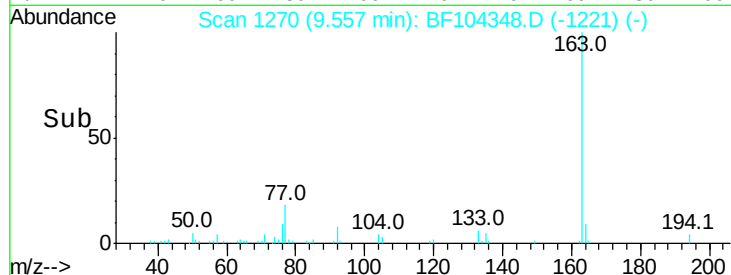
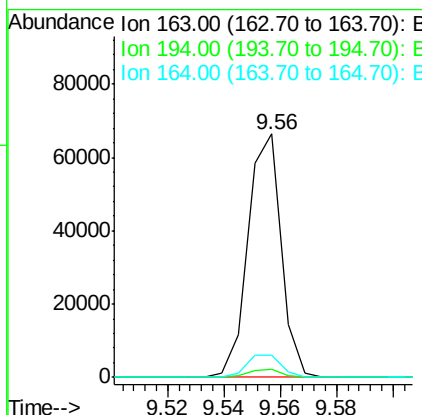
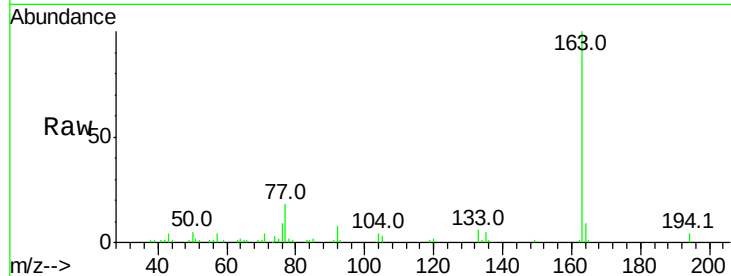




#49
 Dimethylphthalate
 Concen: 2.641 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF104348.D
 Acq: 7 Apr 2018 10:17

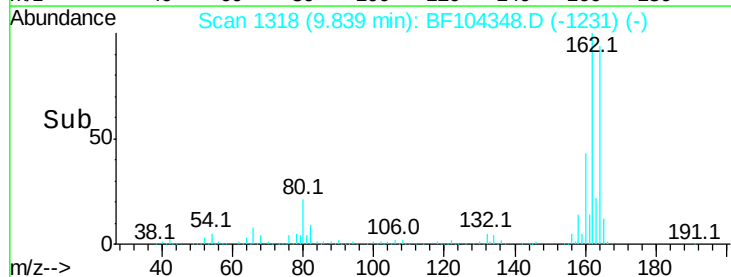
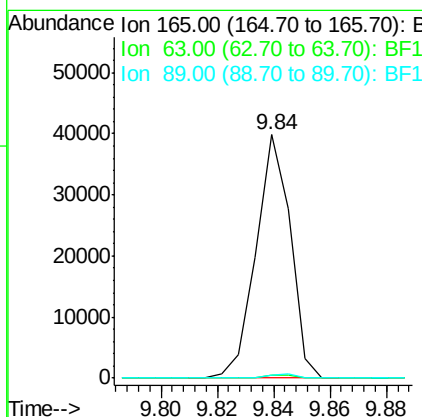
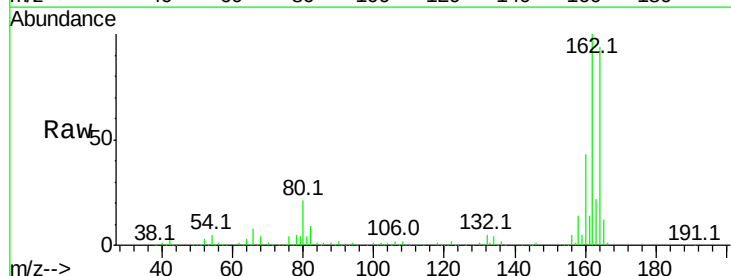
Instrument :
 BNA_F
 ClientSampleId :

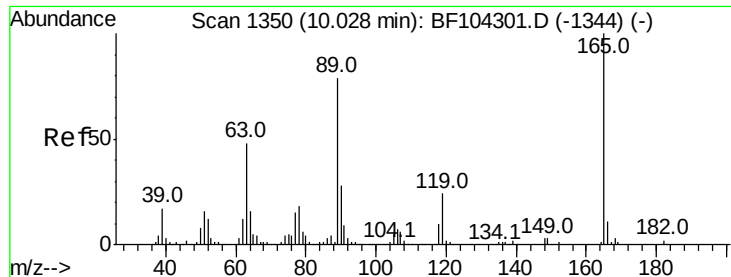
Tot Ion:163	Resp:	53968
Ion Ratio	Lower	Upper
163	100	
194	3.6	2.7 4.1
164	9.2	8.2 12.2



#50
 2,6-Dinitrotoluene
 Concen: 8.870 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.21 min
 Lab File: BF104348.D
 Acq: 7 Apr 2018 10:17

Tgt Ion:165	Resp:	33542
Ion Ratio	Lower	Upper
165	100	
63	1.3	44.7 67.1#
89	1.2	44.0 66.0#

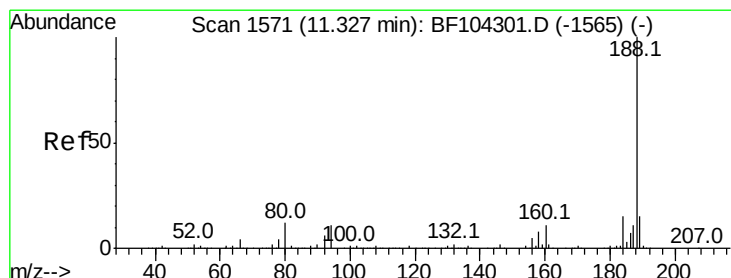
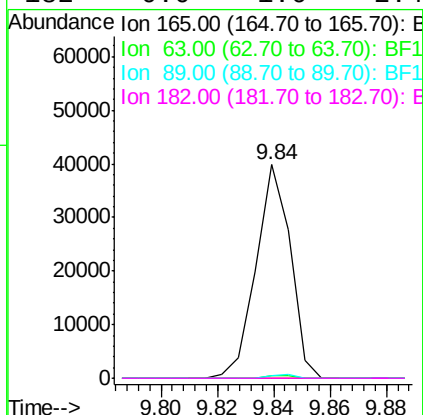
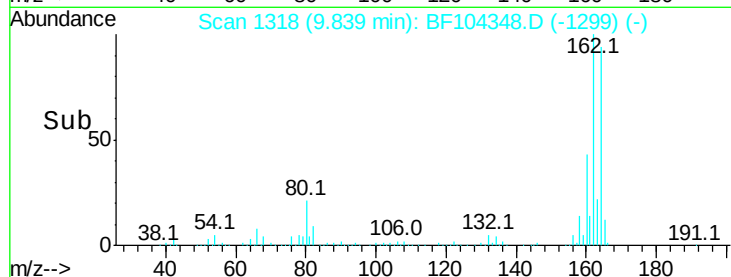
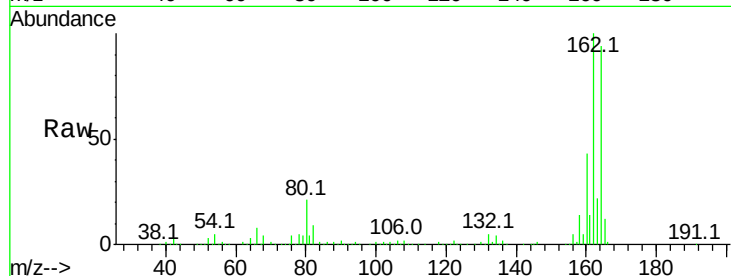




#56
 2,4-Dinitrotoluene
 Concen: 6.762 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.19 min
 Lab File: BF104348.D
 Acq: 7 Apr 2018 10:17

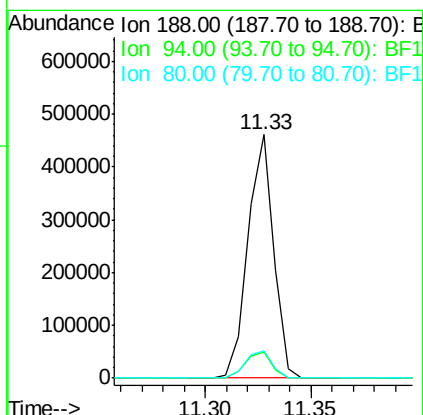
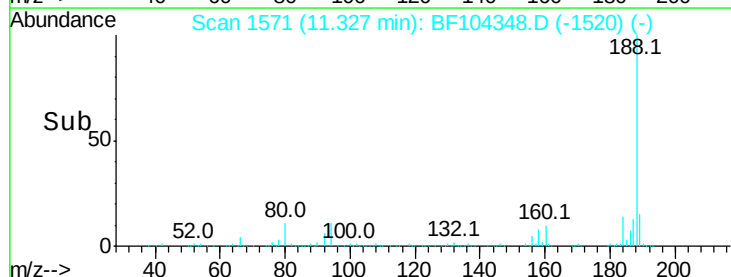
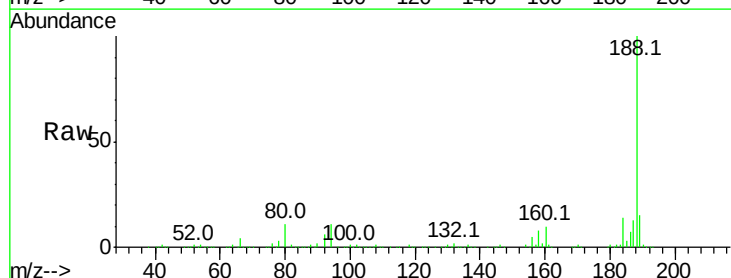
Instrument :
 BNA_F
 ClientSampleId :

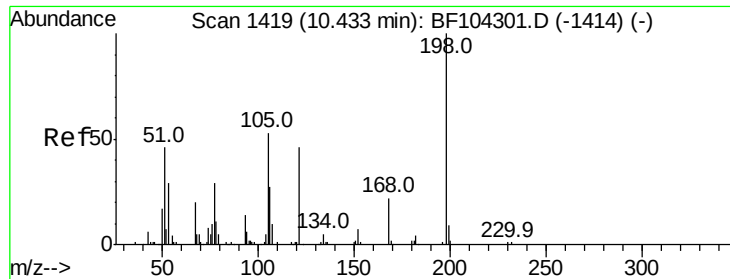
Tot Ion:	165	Resp:	33542
Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF104348.D
 Acq: 7 Apr 2018 10:17

Tgt Ion:	188	Resp:	389769
Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.1	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.476 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.19 min

Lab File: BF104348.D

Acq: 7 Apr 2018 10:17

Instrument :

BNA_F

ClientSampleId :

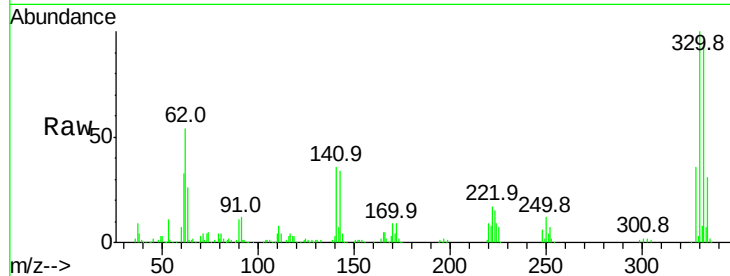
Tot Ion:198 Resp: 288

Ion Ratio Lower Upper

198 100

51 169.3 37.7 77.7#

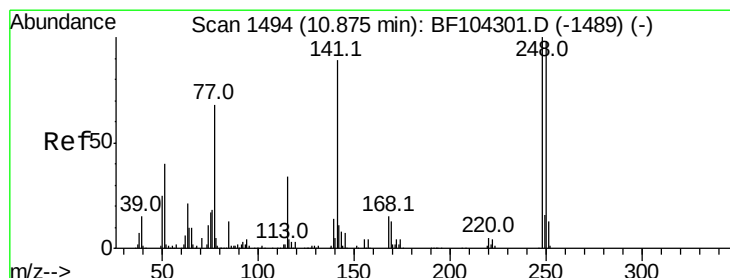
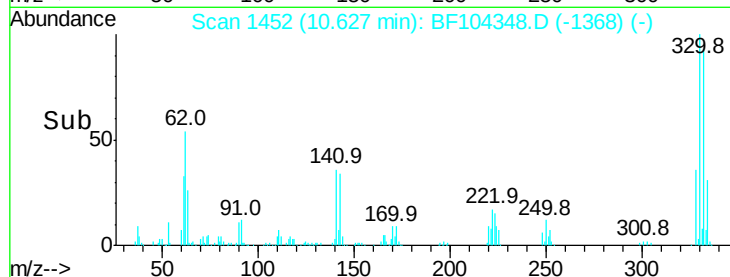
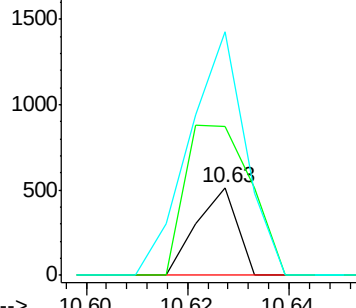
105 277.6 36.3 76.3#



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



#66

4-Bromophenyl-phenylether

Concen: 2.928 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.25 min

Lab File: BF104348.D

Acq: 7 Apr 2018 10:17

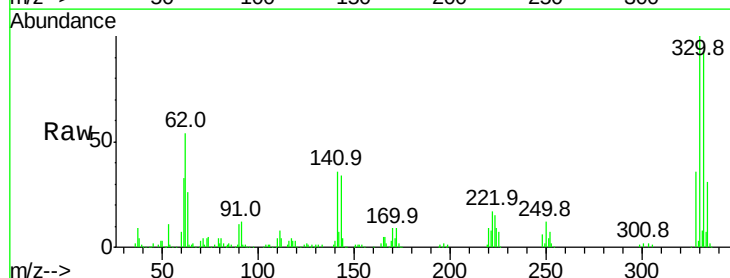
Tgt Ion:248 Resp: 12140

Ion Ratio Lower Upper

248 100

250 196.5 76.9 115.3#

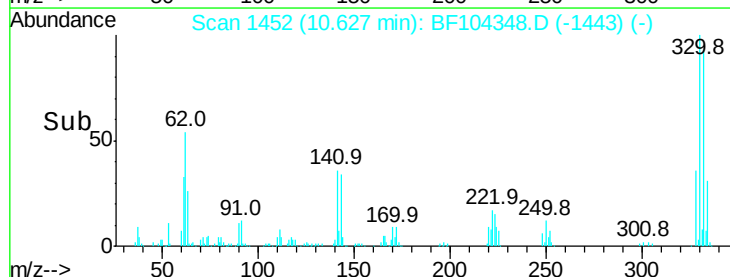
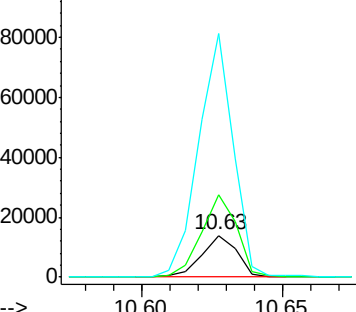
141 582.0 74.4 111.6#

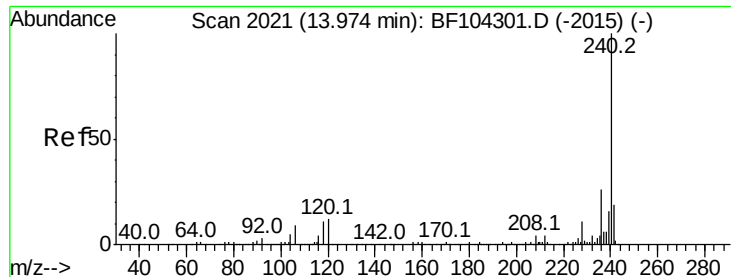


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2020

Delta R.T. -0.01 min

Lab File: BF104348.D

Acq: 7 Apr 2018 10:17

Instrument :

BNA_F

ClientSampleId :

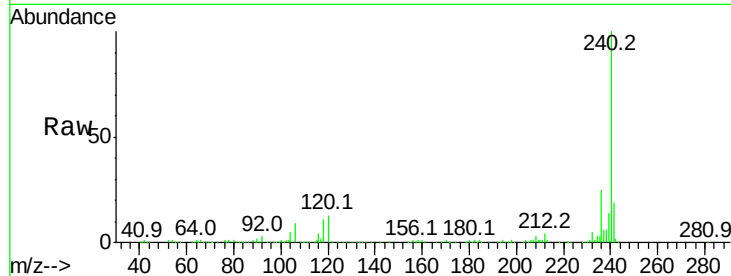
Tot Ion:240 Resp: 294451

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

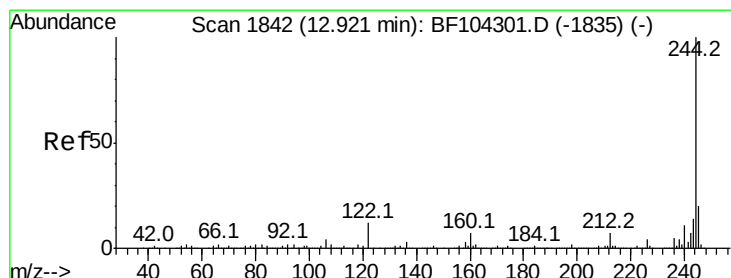
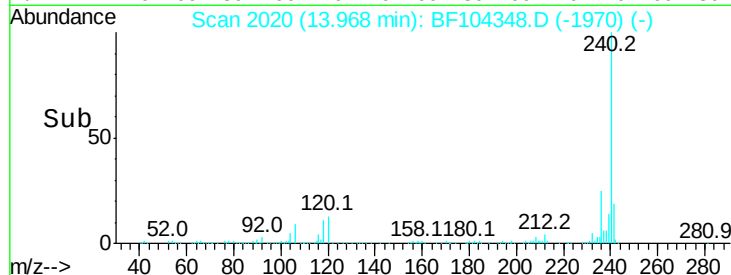
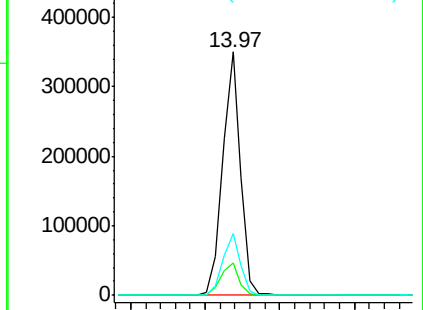
236 25.4 20.7 31.1



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: 82.096 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104348.D

Acq: 7 Apr 2018 10:17

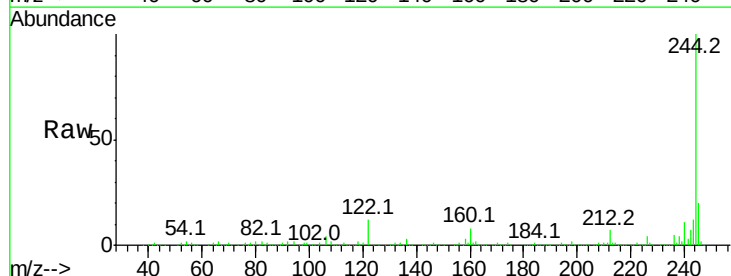
Tgt Ion:244 Resp: 1060316

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

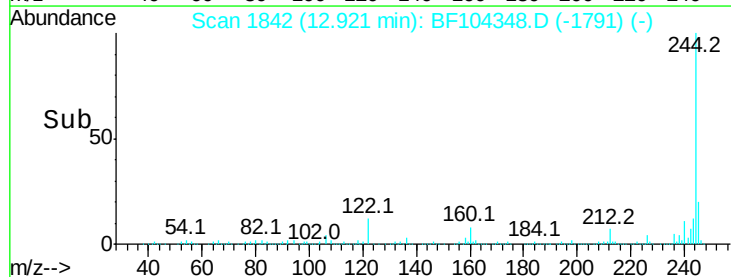
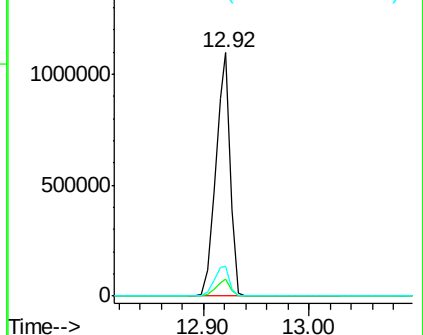
122 12.4 11.0 16.4

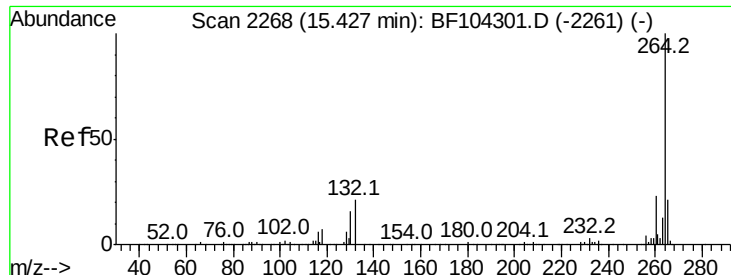


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 2268
Delta R.T. -0.00 min
Lab File: BF104348.D
Acq: 7 Apr 2018 10:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	17.5	26.3

