

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104640.D
 Acq On : 19 Apr 2018 20:44
 Operator : JU/SJ
 Sample : J2457-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 00:56:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

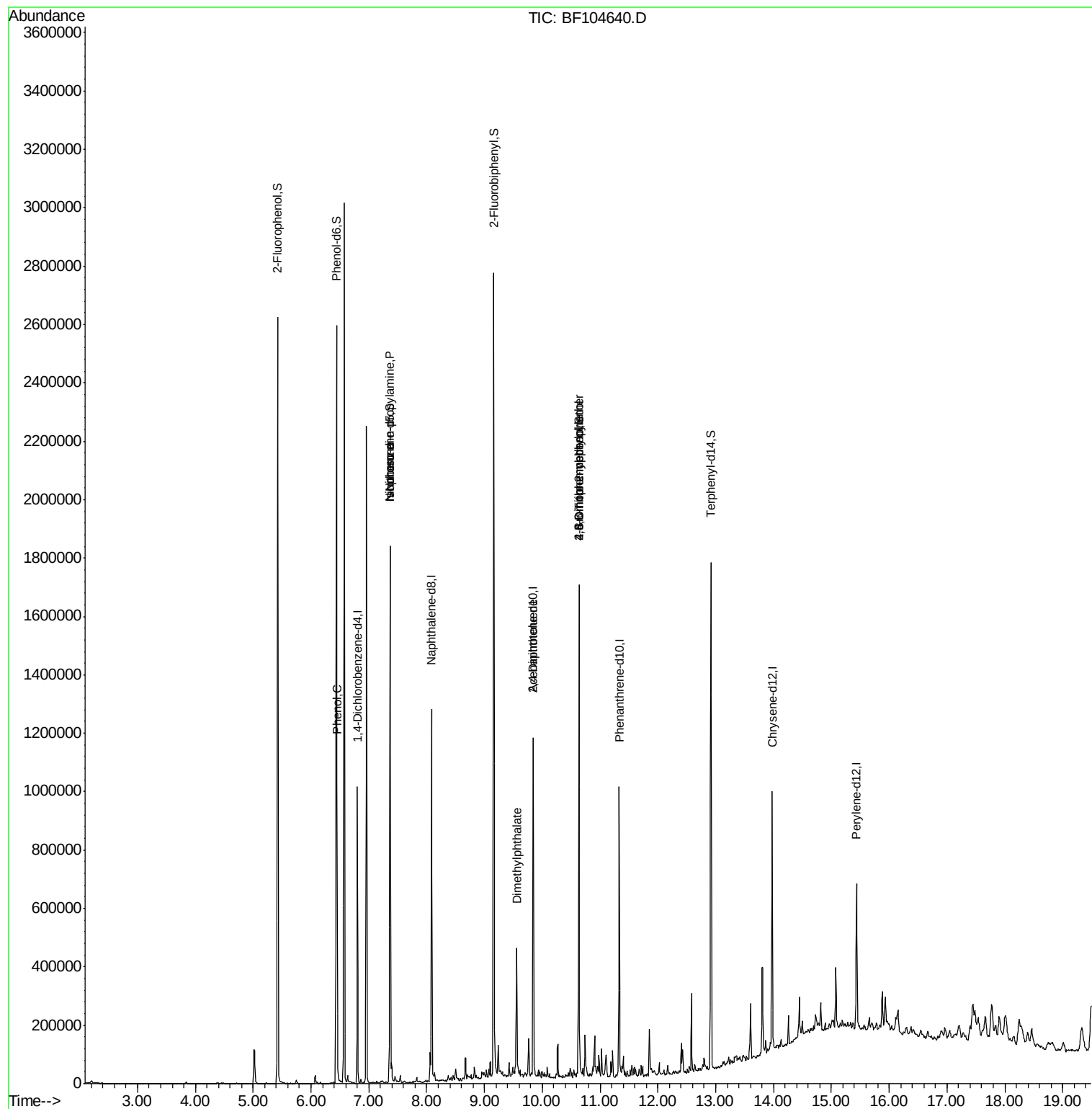
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	137996	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	569550	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	239234	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	358607	20.00	ng	0.00
75) Chrysene-d12	13.97	240	285707	20.00	ng	-0.01
86) Perylene-d12	15.44	264	222687	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	816134	90.43	ng	0.00
7) Phenol-d6	6.45	99	996977	89.91	ng	0.00
23) Nitrobenzene-d5	7.37	82	629203	72.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	207053	83.43	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	838457	55.37	ng	0.00
78) Terphenyl-d14	12.92	244	566676	45.22	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	852	Below Cal		Qvalue 83
10) Phenol	6.46	94	55326	4.702 ng		94
19) n-Nitroso-di-n-propylamine	7.37	70	82352	11.365 ng	#	73
25) Isophorone	7.37	82	629292	34.118 ng	#	64
49) Dimethylphthalate	9.56	163	155728	8.255 ng		99
56) 2,4-Dinitrotoluene	9.84	165	30921	6.753 ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.63	198	442	7.561 ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	12501	3.277 ng	#	1
76) Benzydine	12.92	184	7190	Below Cal	#	88

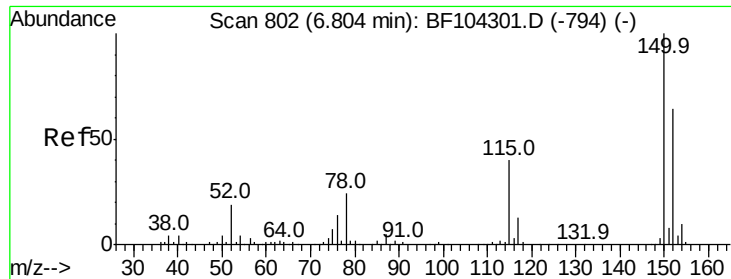
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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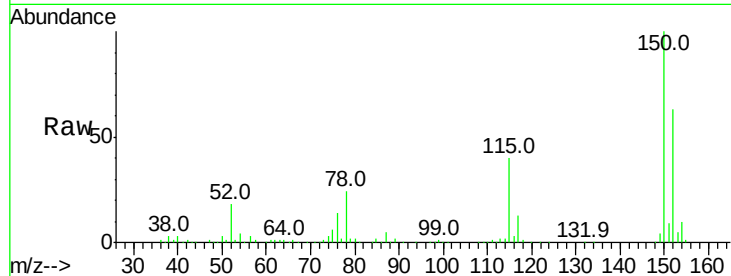


#1

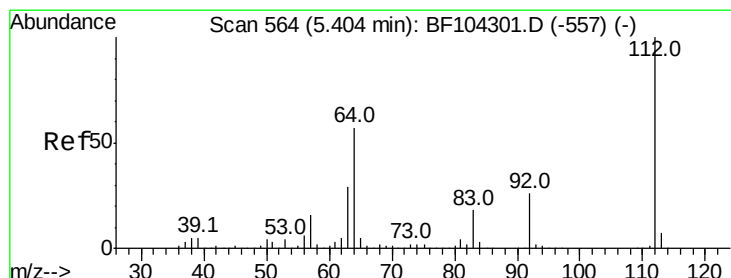
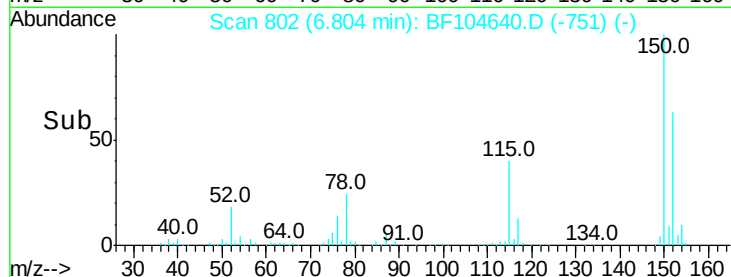
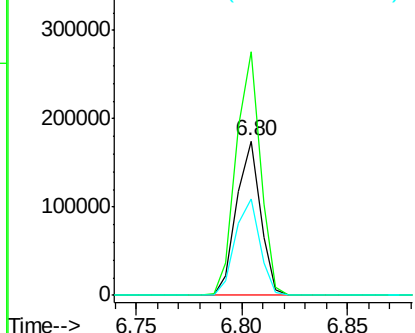
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104640.D
Acq: 19 Apr 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137996
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 62.7 50.1 75.1



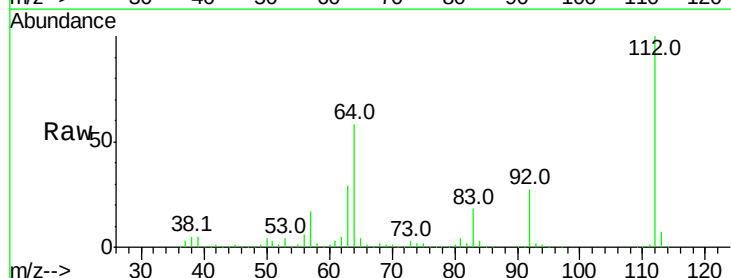
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



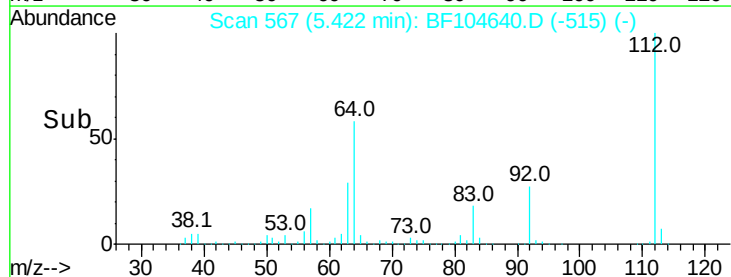
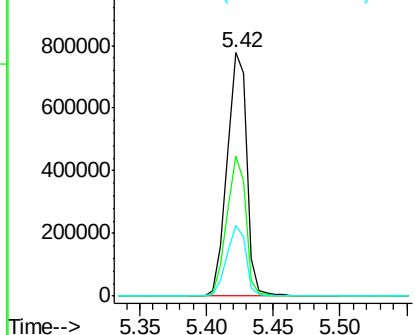
#5

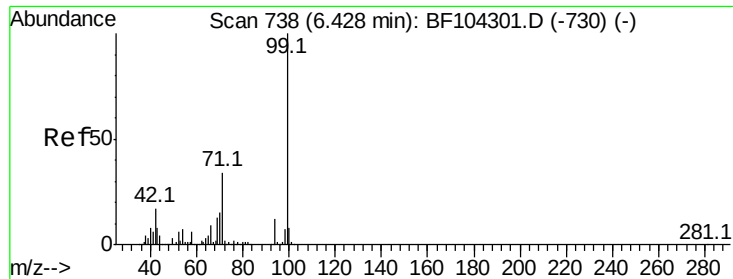
2-Fluorophenol
Concen: 90.431 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104640.D
Acq: 19 Apr 2018 20:44

Tgt Ion:112 Resp: 816134
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 29.3 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: 89.909 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104640.D

Acq: 19 Apr 2018 20:44

Instrument :

BNA_F

ClientSampleId :

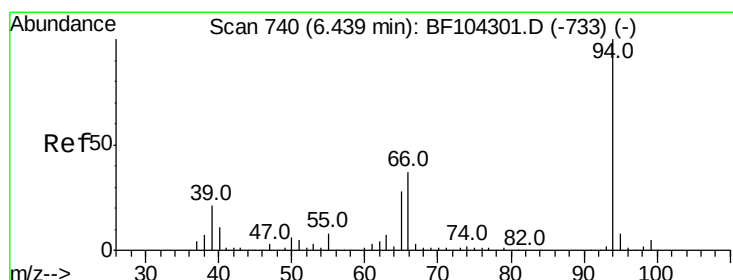
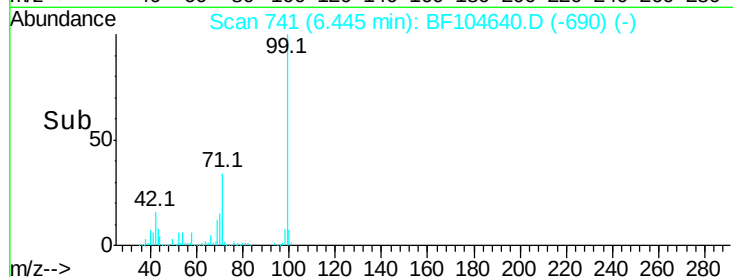
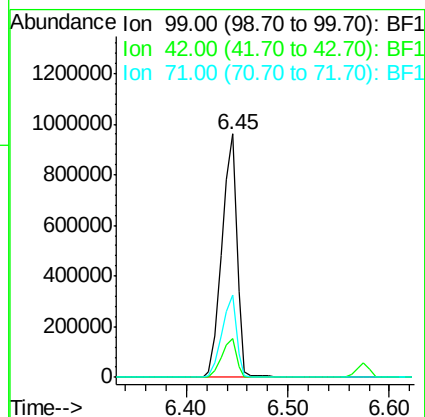
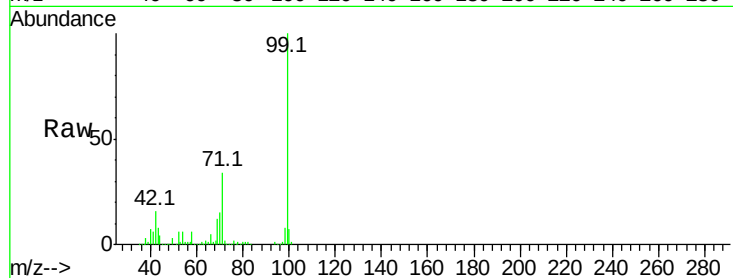
Tot Ion: 99 Resp: 996977

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

71 33.7 25.4 38.0



#10

Phenol

Concen: 4.702 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF104640.D

Acq: 19 Apr 2018 20:44

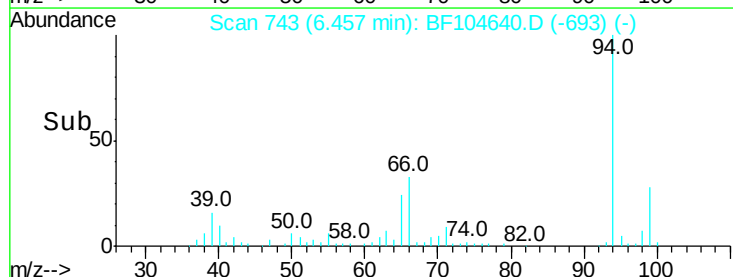
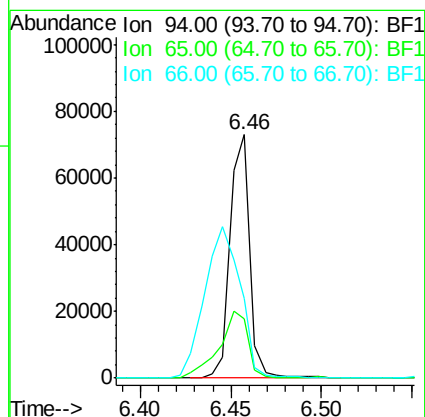
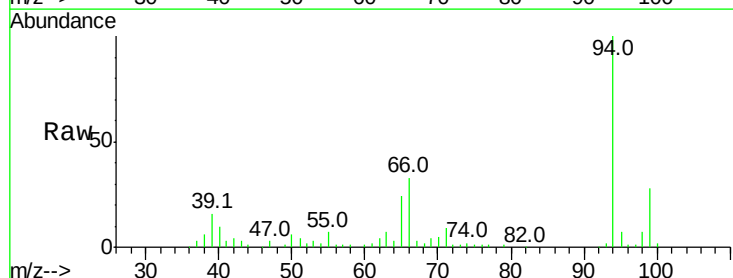
Tgt Ion: 94 Resp: 55326

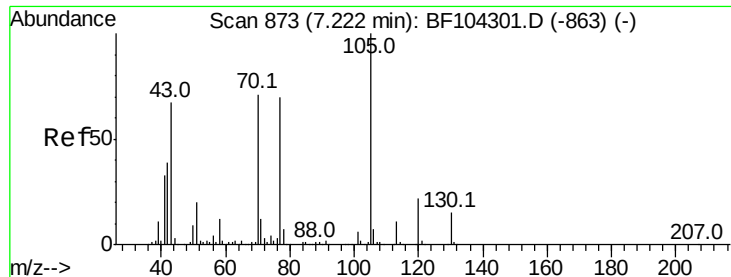
Ion Ratio Lower Upper

94 100

65 24.2 7.9 47.9

66 32.7 16.2 56.2

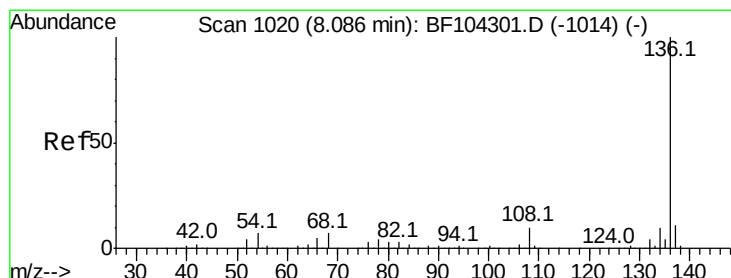
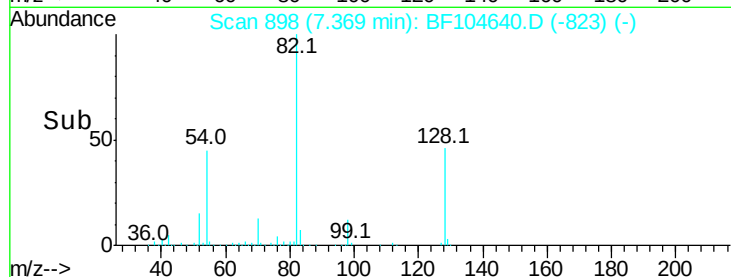
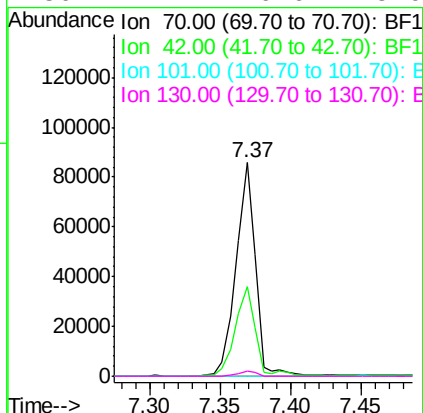
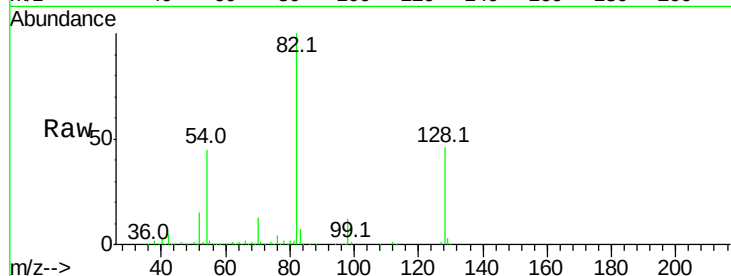




#19
n-Nitroso-di-n-propylamine
Concen: 11.365 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF104640.D
Acq: 19 Apr 2018 20:44

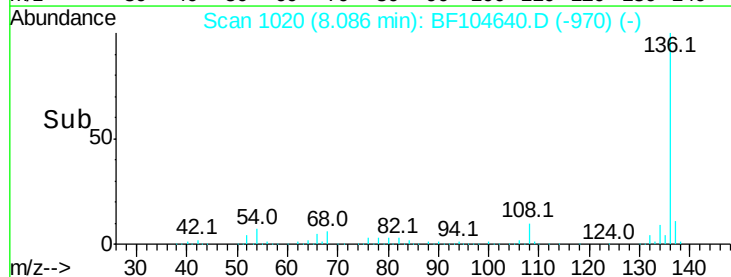
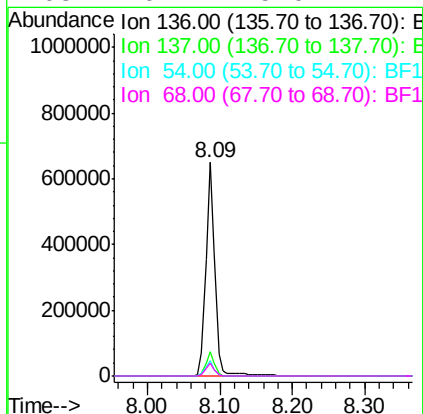
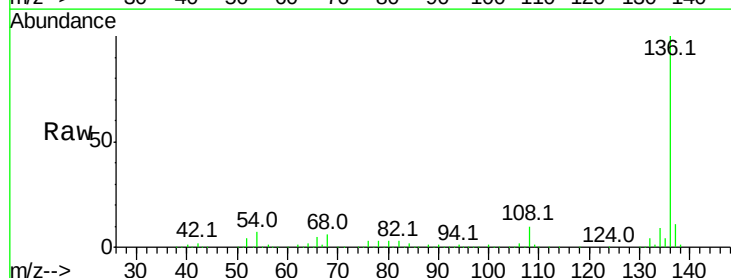
Instrument :
BNA_F
ClientSampleId :

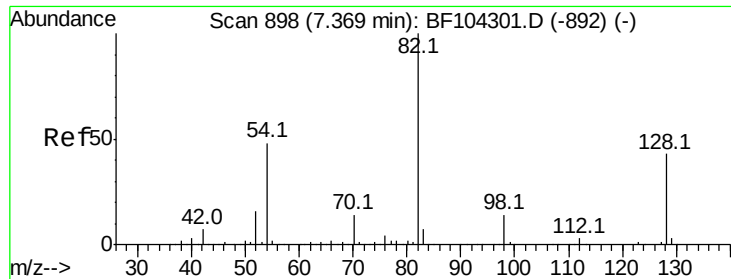
Tot Ion: 70 Resp: 82352
Ion Ratio Lower Upper
70 100
42 41.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104640.D
Acq: 19 Apr 2018 20:44

Tgt Ion:136 Resp: 569550
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 6.9 6.6 9.8
68 6.1 5.0 7.4

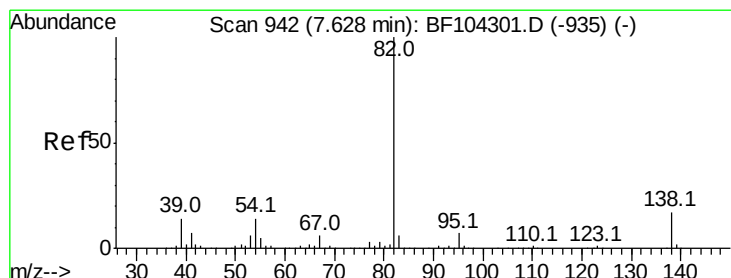
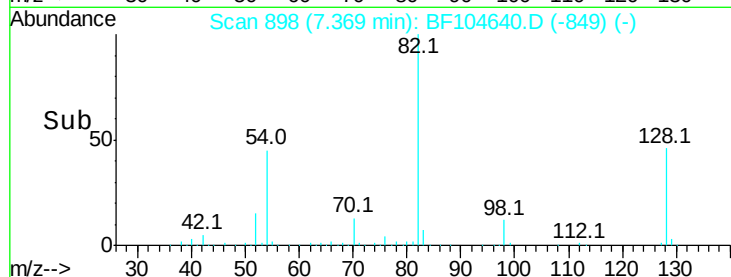
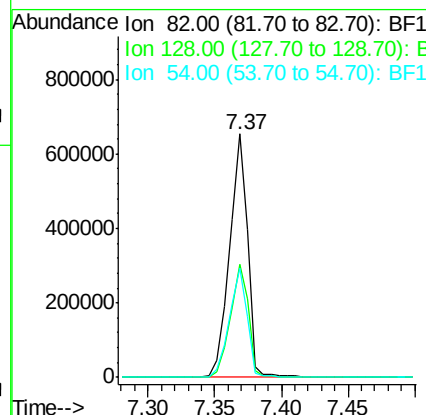
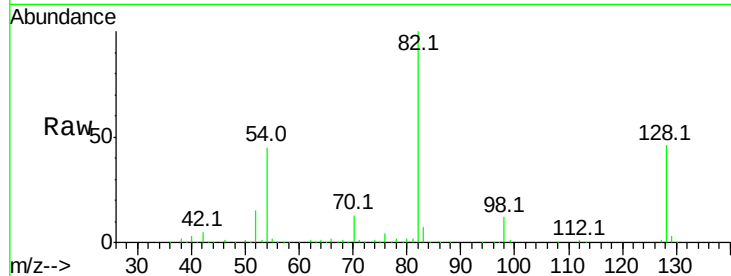




#23
 Nitrobenzene-d5
 Concen: 72.137 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104640.D
 Acq: 19 Apr 2018 20:44

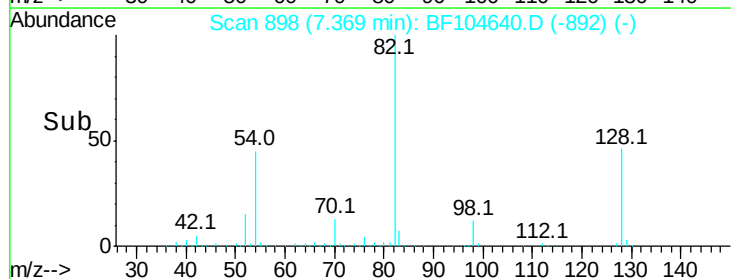
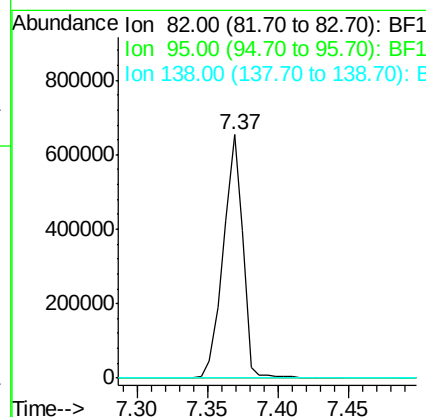
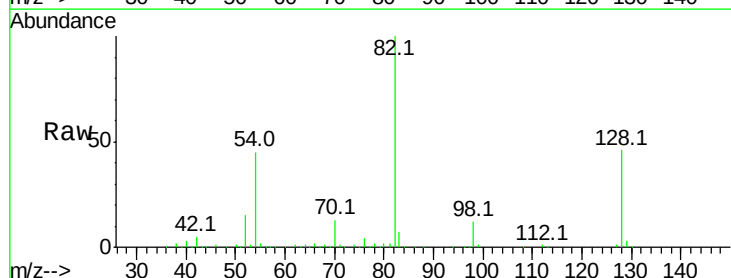
Instrument :
 BNA_F
 ClientSampled :

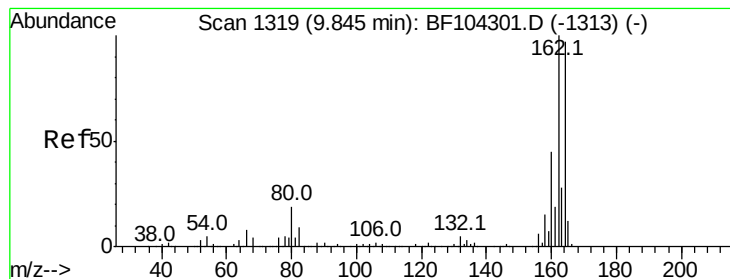
Tot Ion	82	Resp	629203
Ion Ratio	100	Lower	Upper
128	46.4	36.1	54.1
54	45.1	41.4	62.2



#25
 Isophorone
 Concen: 34.118 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.26 min
 Lab File: BF104640.D
 Acq: 19 Apr 2018 20:44

Tgt Ion	82	Resp	629292
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104640.D

Acq: 19 Apr 2018 20:44

Instrument :

BNA_F

ClientSampleId :

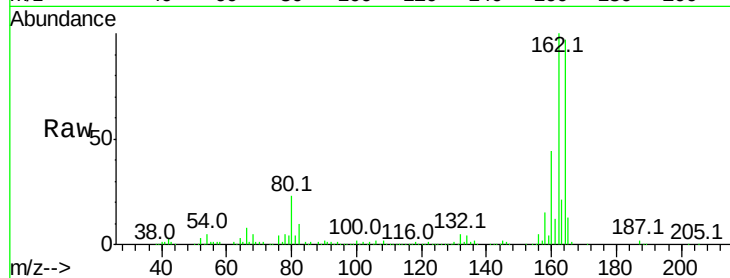
Tot Ion:164 Resp: 239234

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

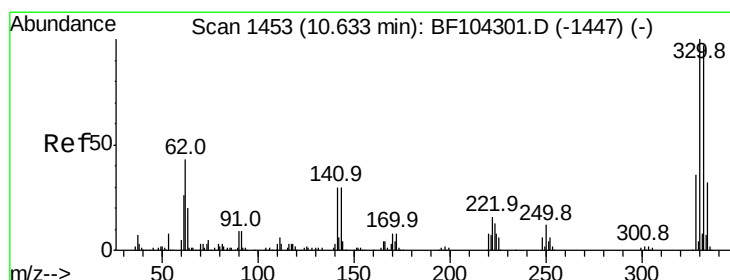
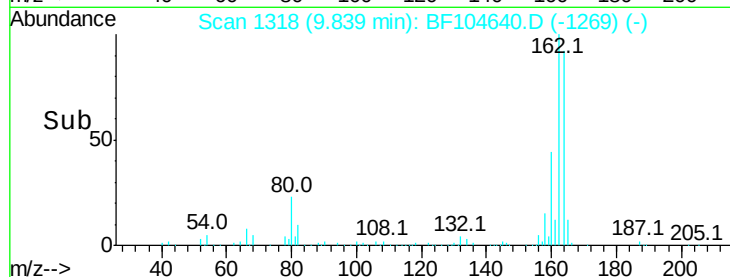
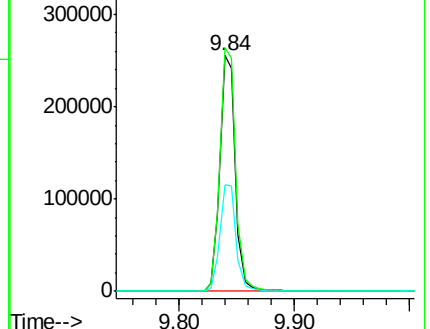
160 45.2 38.3 57.5



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: 83.434 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104640.D

Acq: 19 Apr 2018 20:44

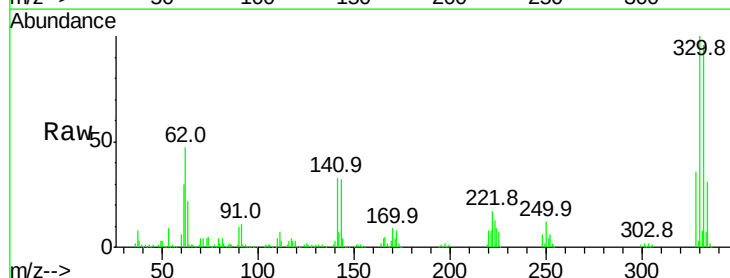
Tgt Ion:330 Resp: 207053

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

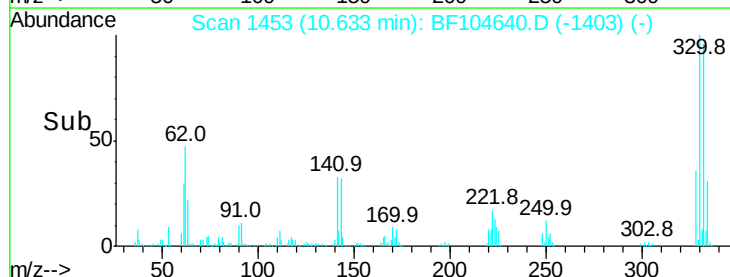
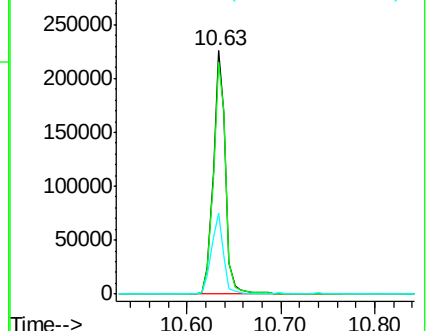
141 33.2 29.9 44.9

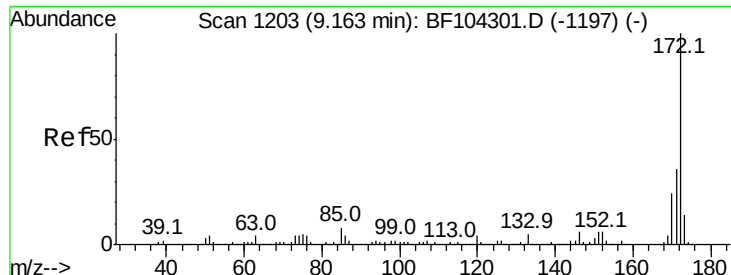


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



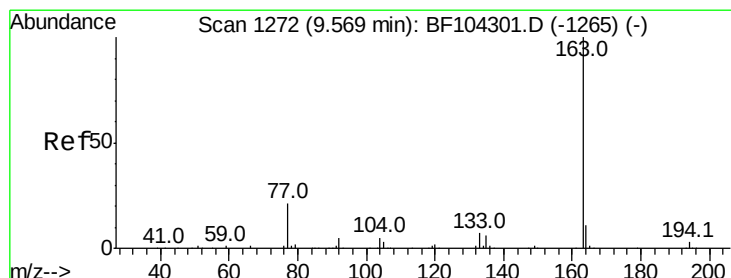
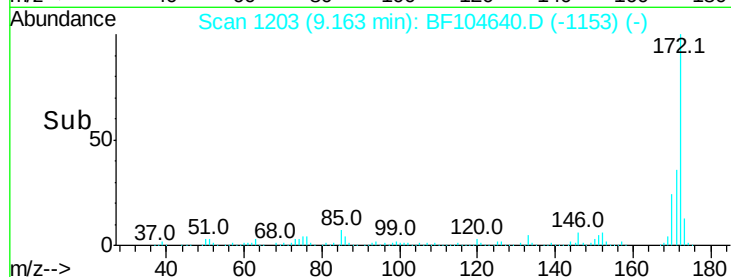
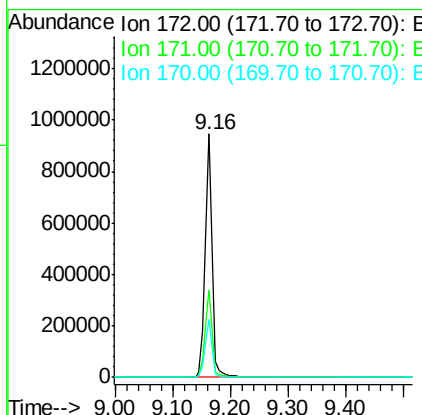
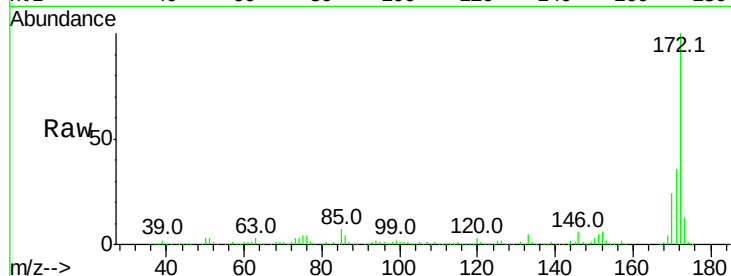


#44
 2-Fluorobiphenyl
 Concen: 55.366 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104640.D
 Acq: 19 Apr 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 838457

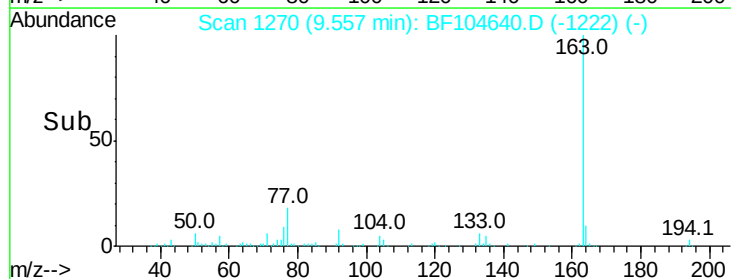
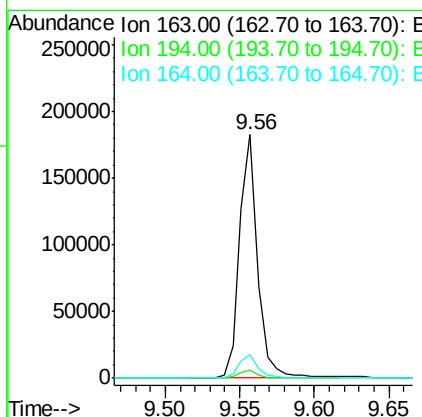
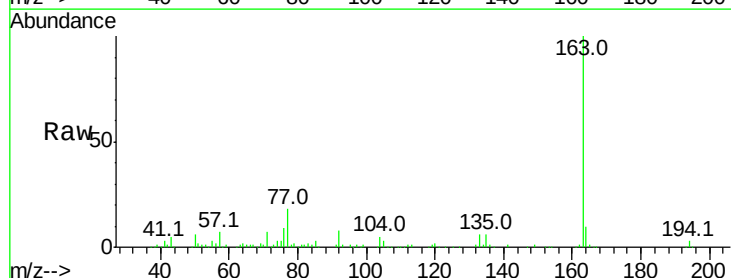
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.0	19.6	29.4

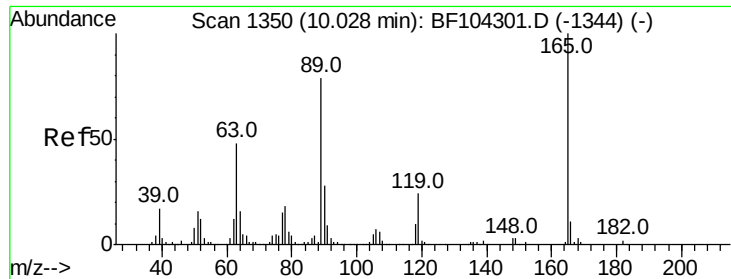


#49
 Dimethylphthalate
 Concen: 8.255 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF104640.D
 Acq: 19 Apr 2018 20:44

Tgt Ion:163 Resp: 155728

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.7	8.2	12.2

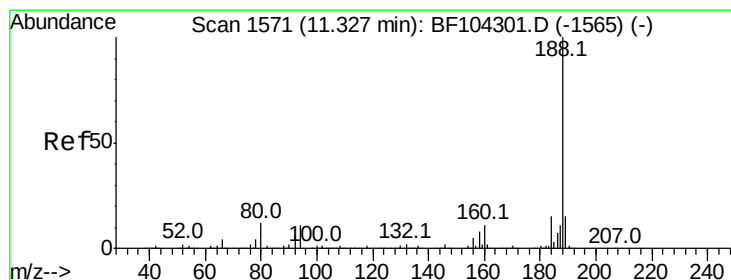
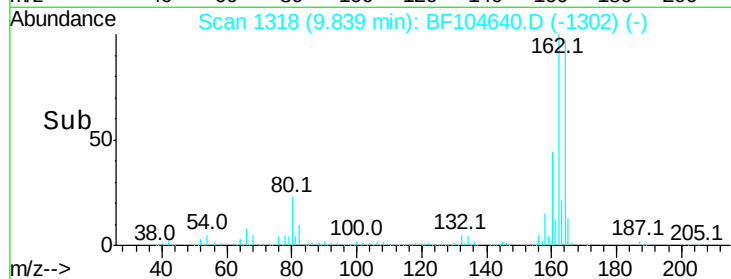
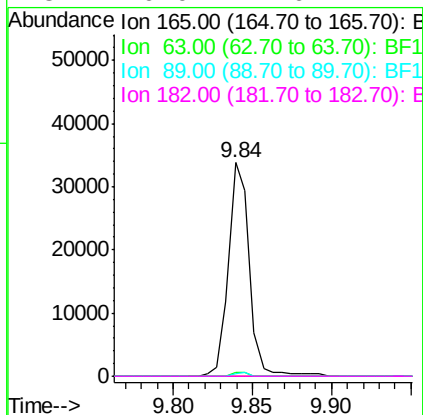
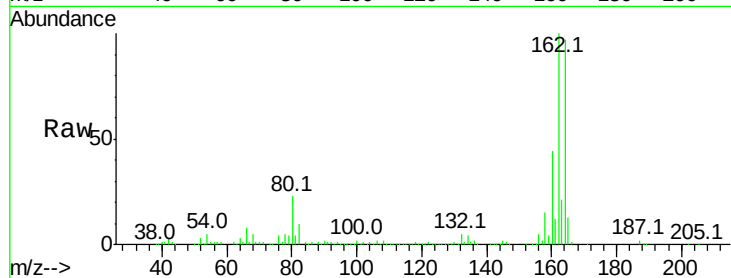




#56
 2,4-Dinitrotoluene
 Concen: 6.753 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF104640.D
 Acq: 19 Apr 2018 20:44

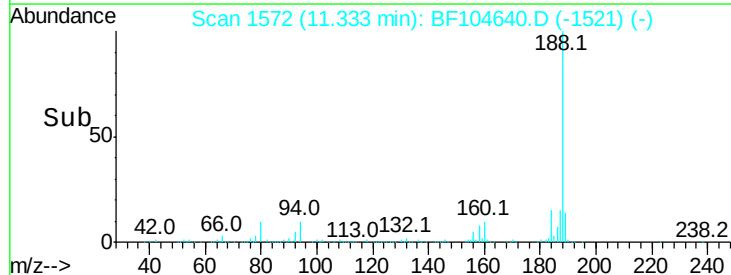
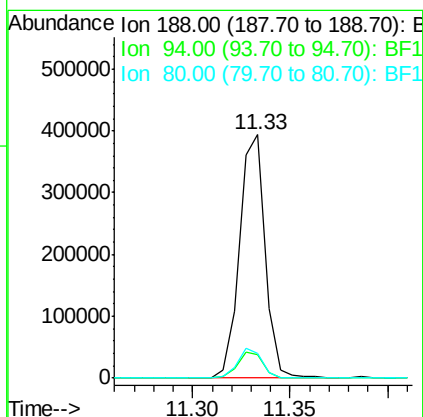
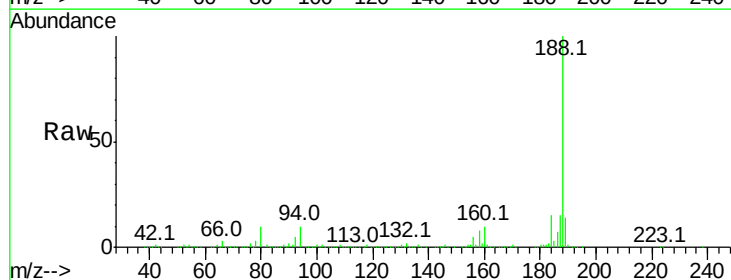
Instrument :
 BNA_F
 ClientSampleId :

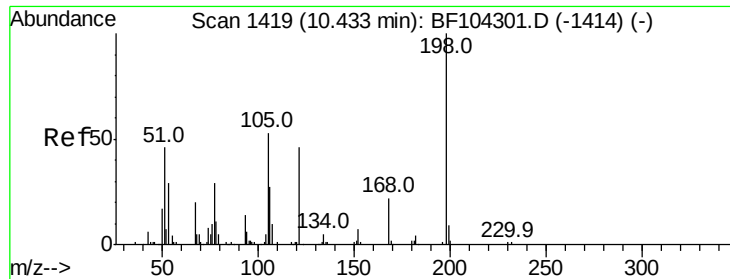
Tot Ion:165	Resp:	30921	
Ion Ratio	Lower	Upper	
165 100			
63 1.9	36.4	54.6#	
89 1.5	57.8	86.6#	
182 0.0	1.6	2.4#	



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF104640.D
 Acq: 19 Apr 2018 20:44

Tgt	Ion:188	Resp:	358607
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.1	9.2	13.8

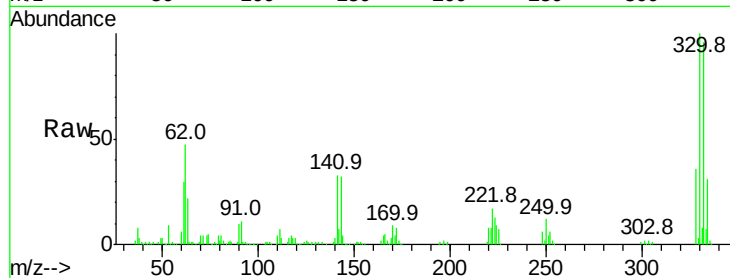




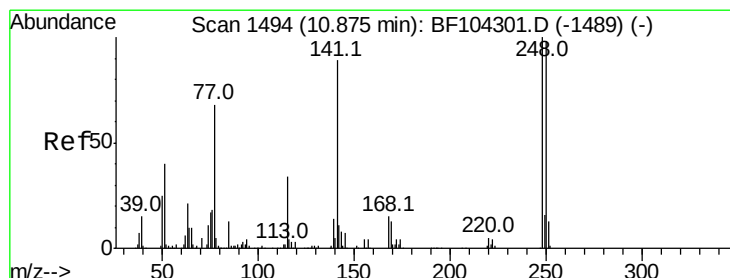
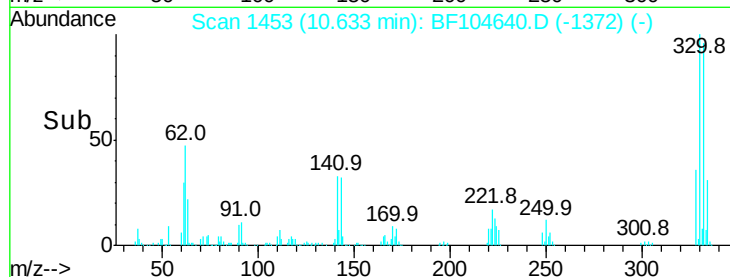
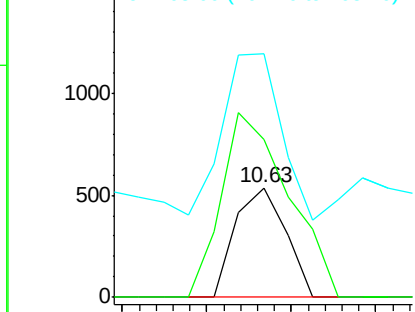
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.561 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.18 min
 Lab File: BF104640.D
 Acq: 19 Apr 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 442
 Ion Ratio Lower Upper
 198 100
 51 144.3 37.7 77.7#
 105 223.0 36.3 76.3#

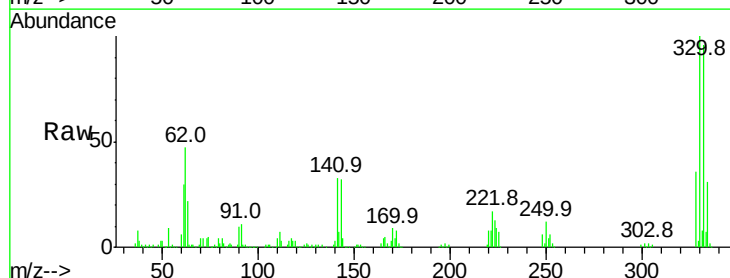


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

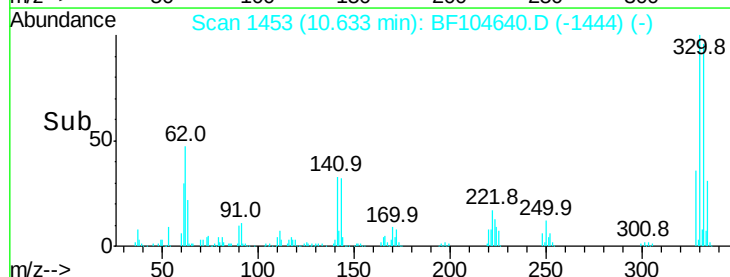
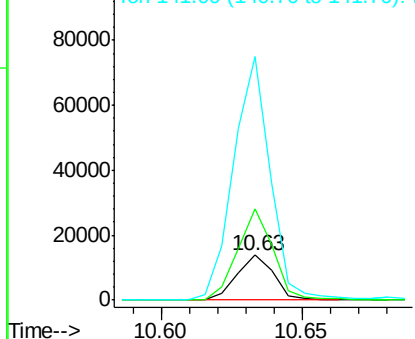


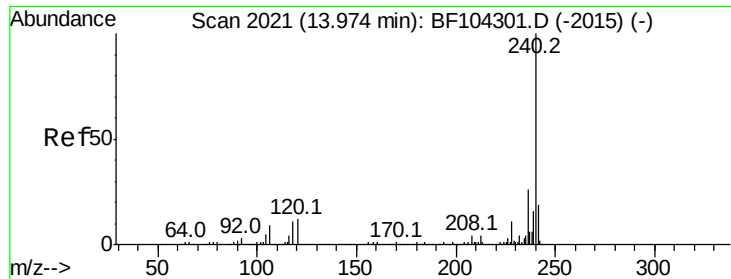
#66
 4-Bromophenyl-phenylether
 Concen: 3.277 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.25 min
 Lab File: BF104640.D
 Acq: 19 Apr 2018 20:44

Tgt Ion:248 Resp: 12501
 Ion Ratio Lower Upper
 248 100
 250 202.7 76.9 115.3#
 141 543.9 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: BF104640.D

Acq: 19 Apr 2018 20:44

Instrument :

BNA_F

ClientSampleId :

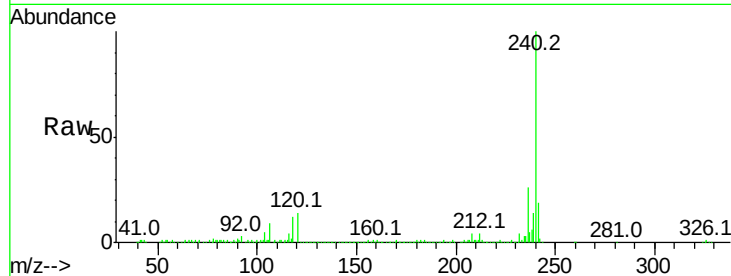
Tot Ion:240 Resp: 285707

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

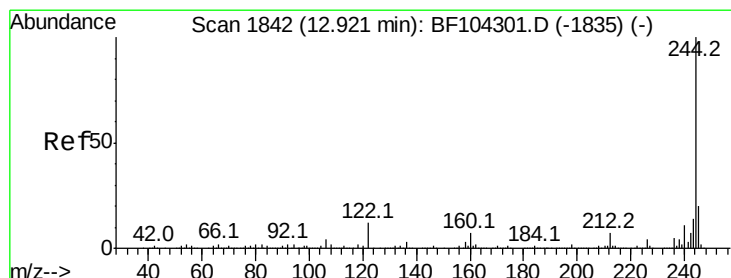
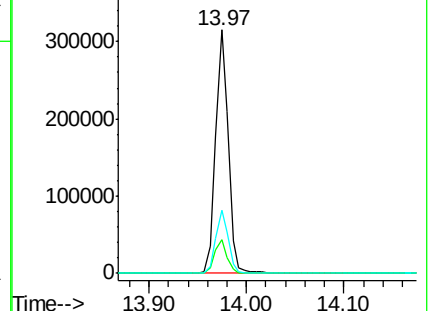
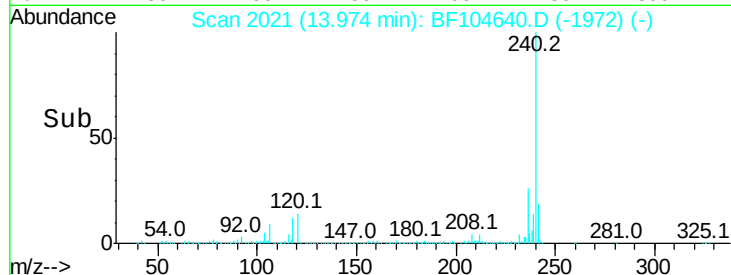
236 25.7 20.7 31.1



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: 45.219 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104640.D

Acq: 19 Apr 2018 20:44

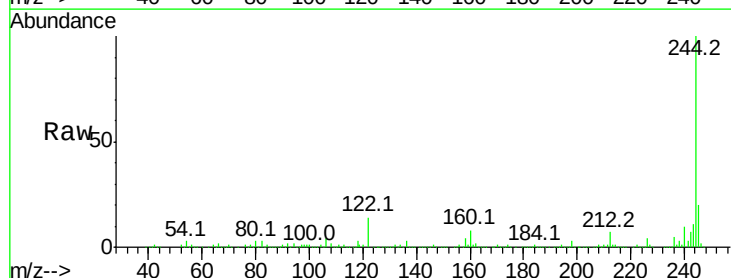
Tgt Ion:244 Resp: 566676

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

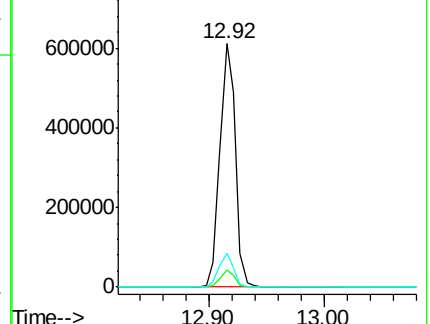
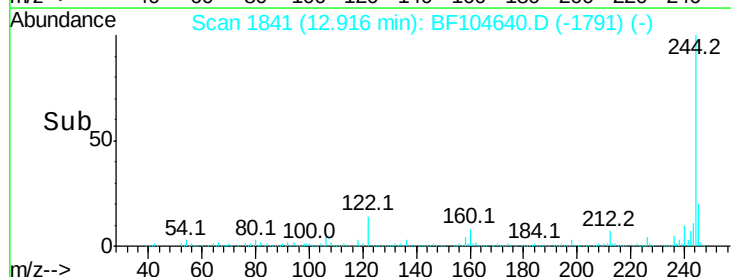
122 13.9 11.0 16.4

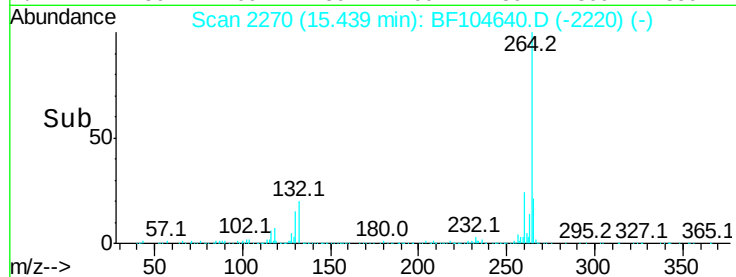
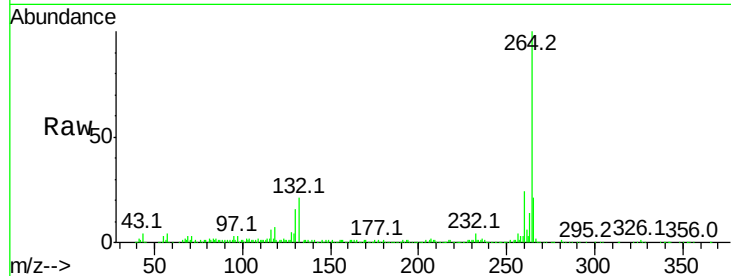
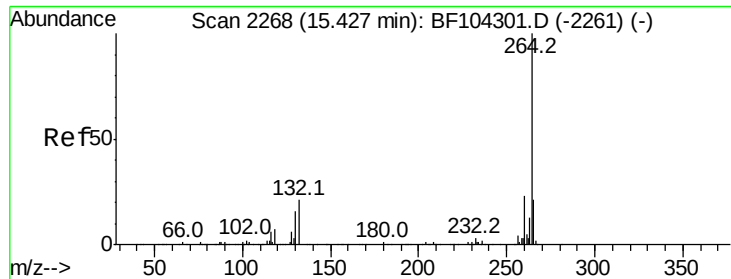


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF104640.D
Acq: 19 Apr 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.3	17.5	26.3

