

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104663.D
 Acq On : 20 Apr 2018 7:52
 Operator : JU/SJ
 Sample : J2447-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 08:45:47 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

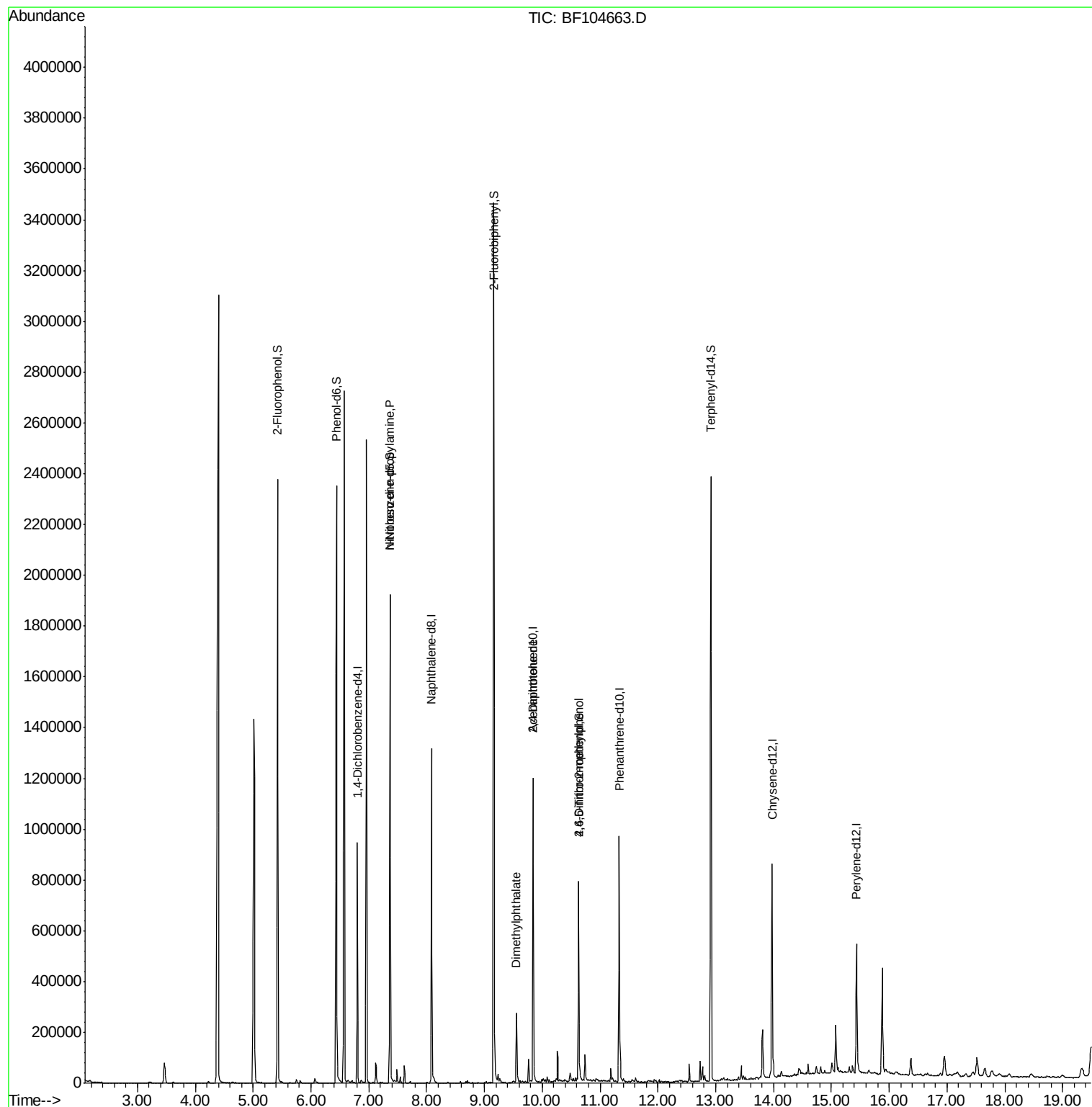
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	143757	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	574438	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	238582	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	344795	20.00	ng	0.00
75) Chrysene-d12	13.97	240	291069	20.00	ng	-0.01
86) Perylene-d12	15.43	264	231182	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	666471	70.89	ng	0.00
7) Phenol-d6	6.44	99	966138	83.64	ng	0.00
23) Nitrobenzene-d5	7.37	82	642351	73.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	105158	42.49	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1122678	74.34	ng	0.00
78) Terphenyl-d14	12.92	244	820487	64.27	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	1501	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	82730	10.960 ng	#	74
49) Dimethylphthalate	9.55	163	123699	6.575 ng	#	99
56) 2,4-Dinitrotoluene	9.84	165	29917	6.551 ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.63	198	109	7.402 ng	#	1
76) Benzidine	12.92	184	10434	Below Cal	#	97

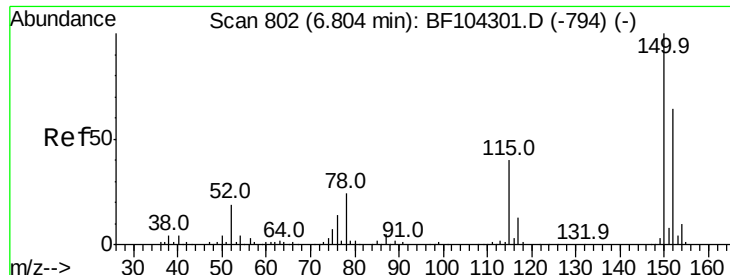
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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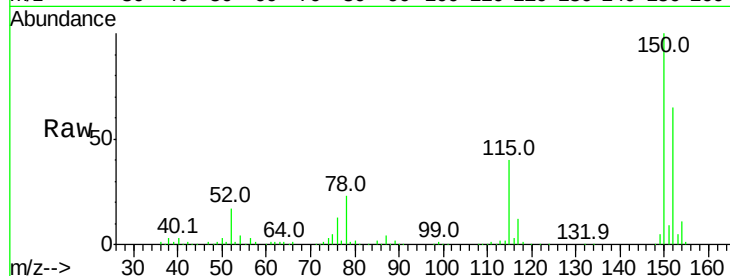


#1

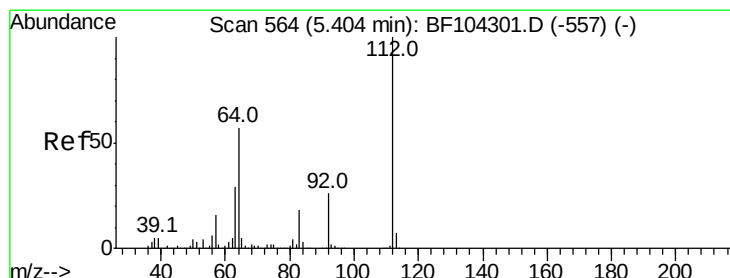
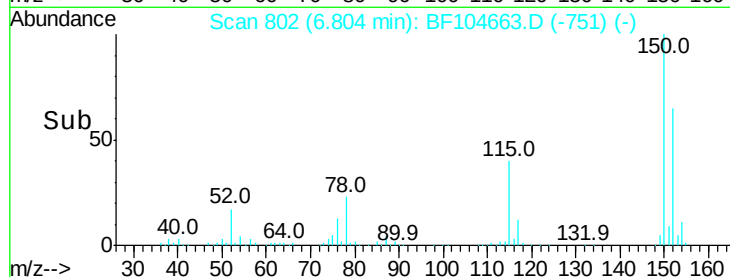
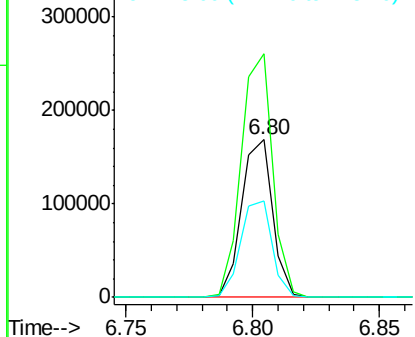
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104663.D
Acq: 20 Apr 2018 7:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143757
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 61.1 50.1 75.1



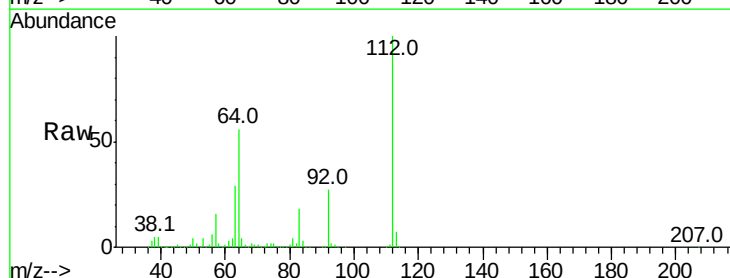
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



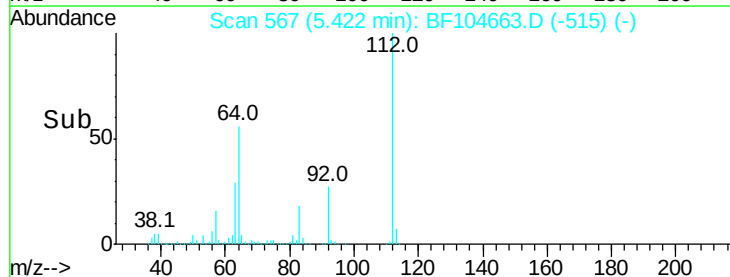
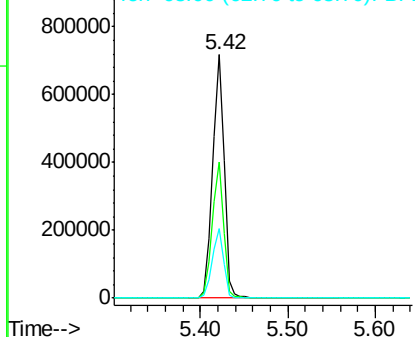
#5

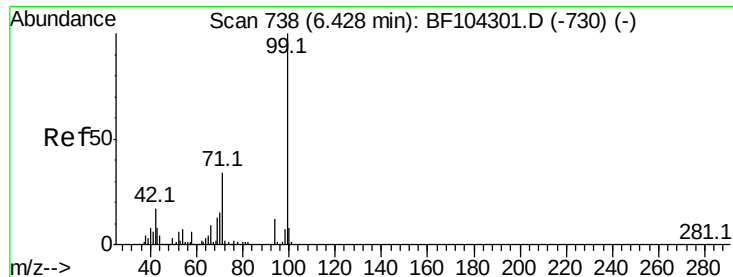
2-Fluorophenol
Concen: 70.888 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104663.D
Acq: 20 Apr 2018 7:52

Tgt Ion:112 Resp: 666471
Ion Ratio Lower Upper
112 100
64 55.7 47.9 71.9
63 28.6 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: 83.637 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104663.D

Acq: 20 Apr 2018 7:52

Instrument :

BNA_F

ClientSampleId :

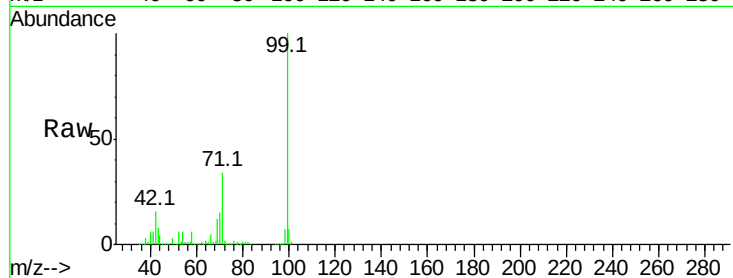
Tot Ion: 99 Resp: 966138

Ion Ratio Lower Upper

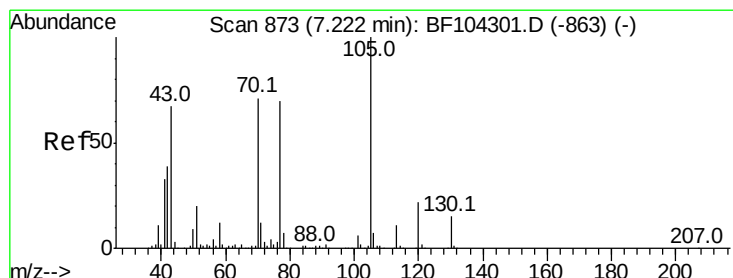
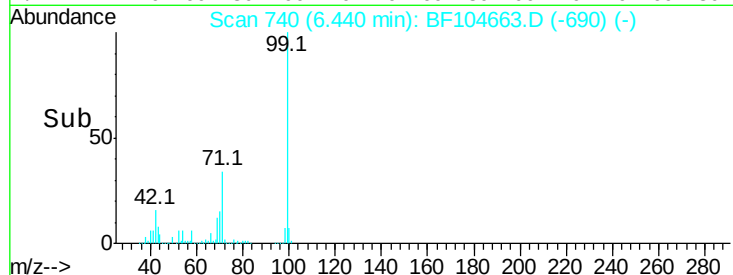
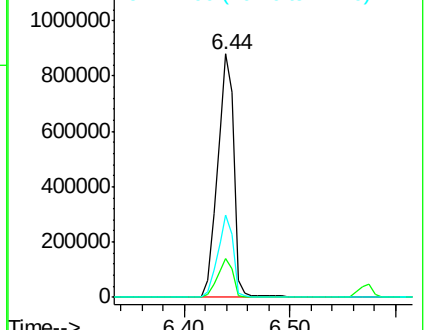
99 100

42 16.2 14.5 21.7

71 33.7 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: 10.960 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF104663.D

Acq: 20 Apr 2018 7:52

Tgt Ion: 70 Resp: 82730

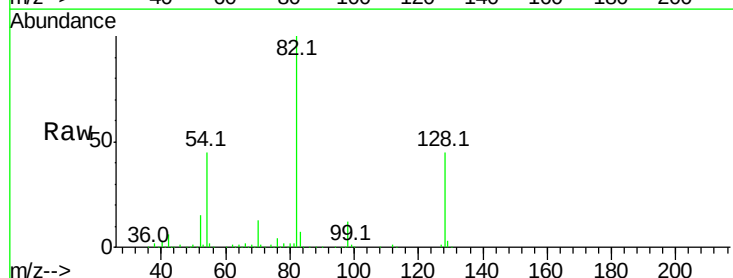
Ion Ratio Lower Upper

70 100

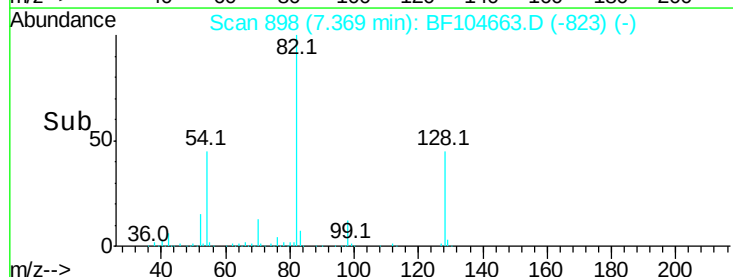
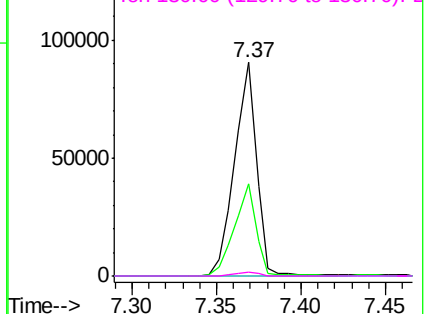
42 43.4 47.5 71.3#

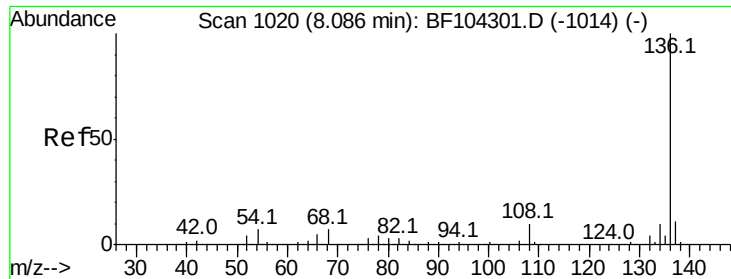
101 0.0 7.4 11.2#

130 2.0 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

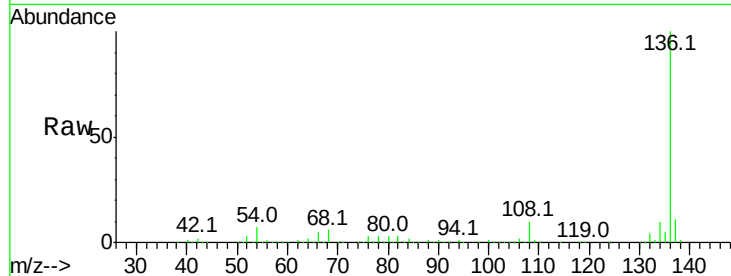




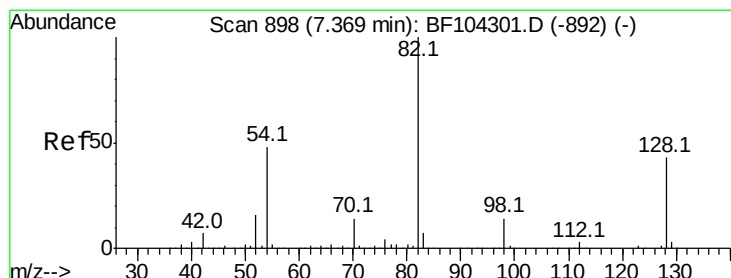
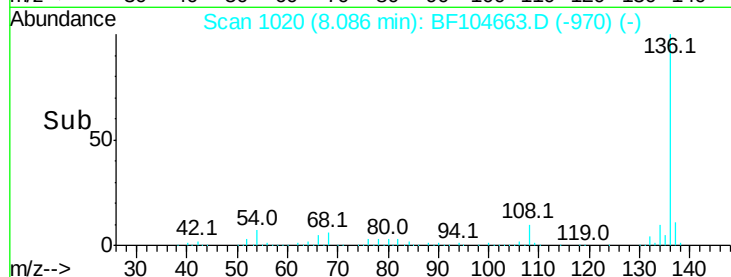
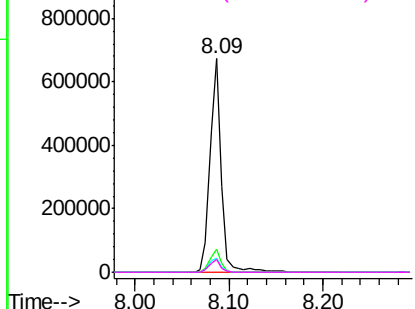
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104663.D
Acq: 20 Apr 2018 7:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	574438
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.9	6.6	9.8
68	5.9	5.0	7.4

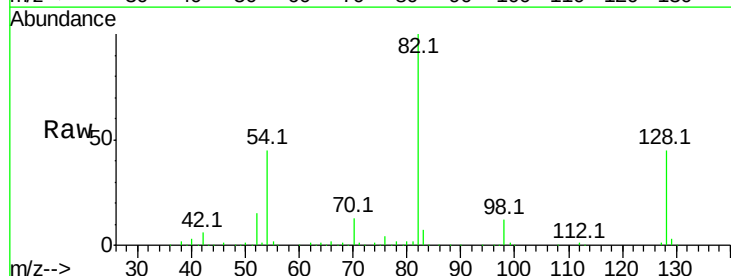


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

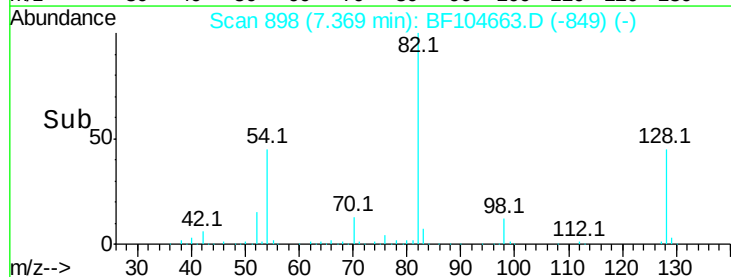
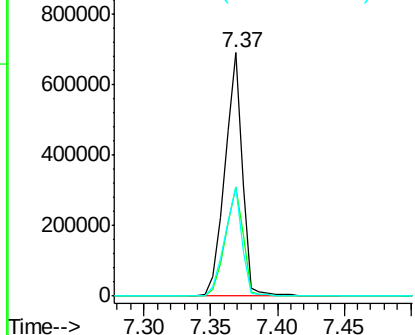


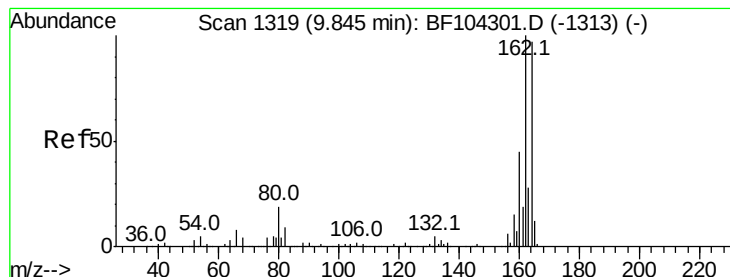
#23
Nitrobenzene-d5
Concen: 73.018 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104663.D
Acq: 20 Apr 2018 7:52

Tgt Ion:	82	Resp:	642351
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	44.8	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104663.D

Acq: 20 Apr 2018 7:52

Instrument :

BNA_F

ClientSampleId :

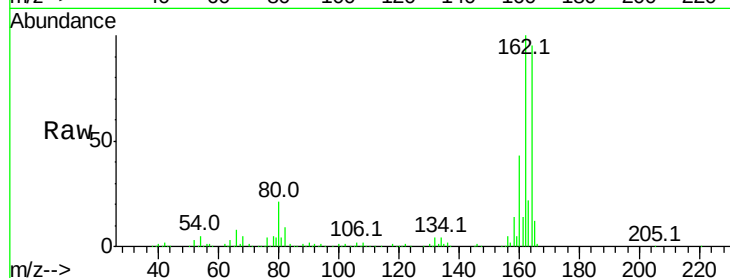
Tot Ion:164 Resp: 238582

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

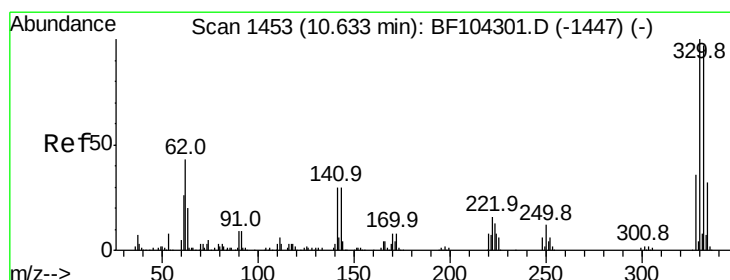
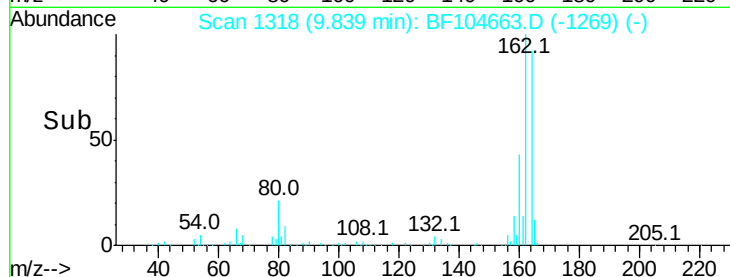
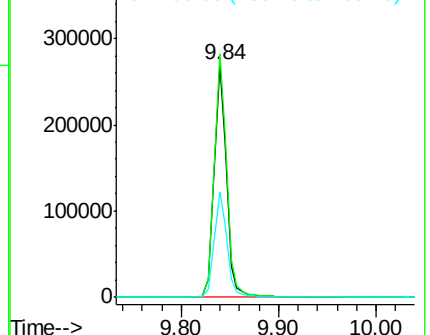
160 45.2 38.3 57.5



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: 42.490 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104663.D

Acq: 20 Apr 2018 7:52

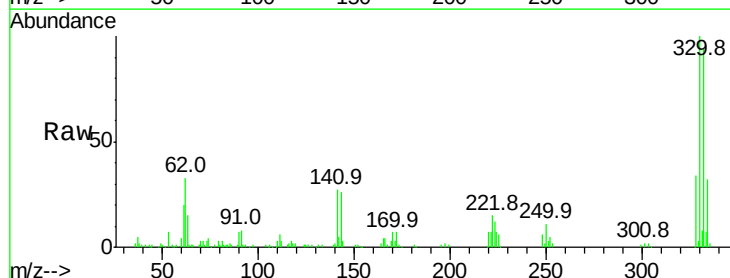
Tgt Ion:330 Resp: 105158

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

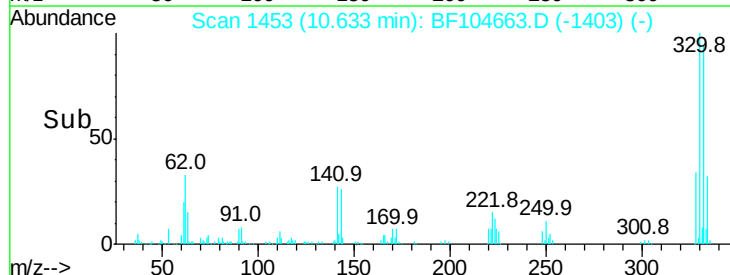
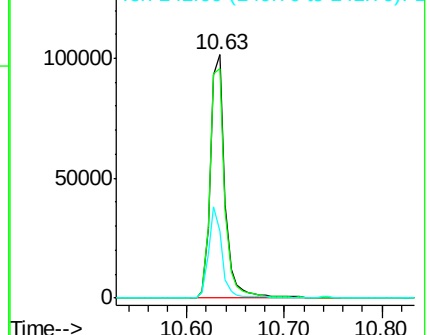
141 34.6 29.9 44.9

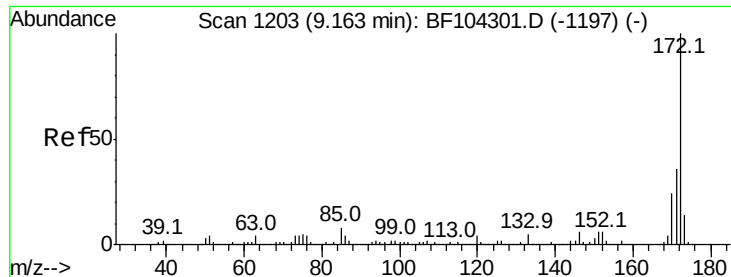


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



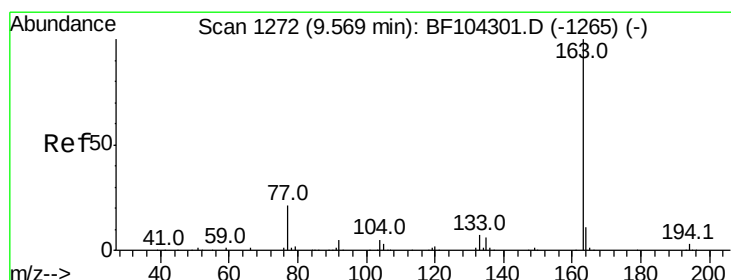
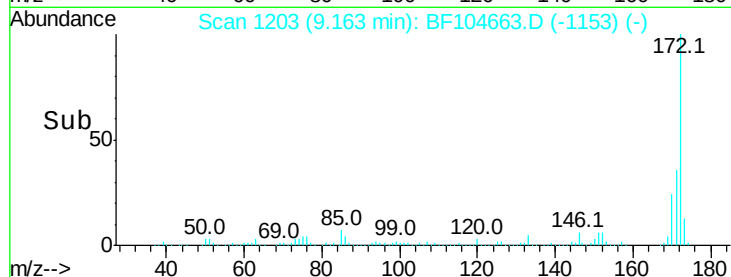
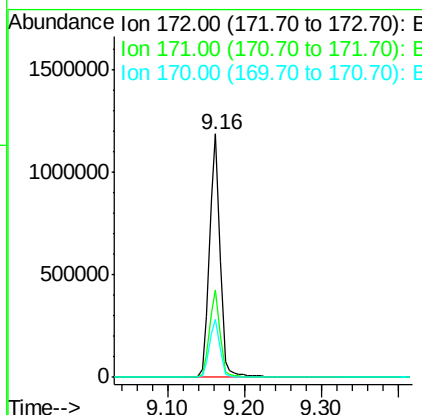
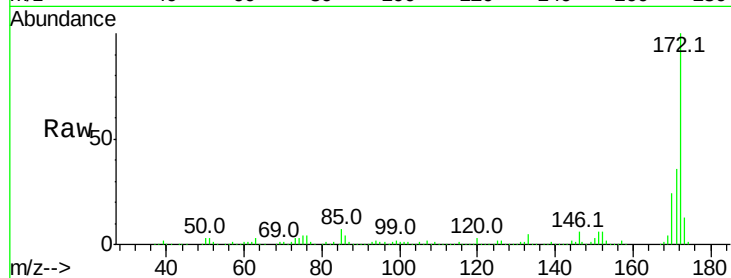


#44
 2-Fluorobiphenyl
 Concen: 74.337 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104663.D
 Acq: 20 Apr 2018 7:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1122678

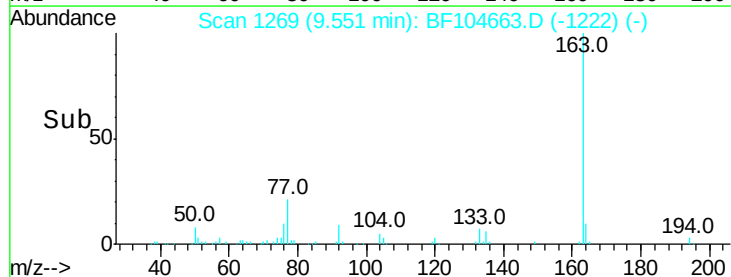
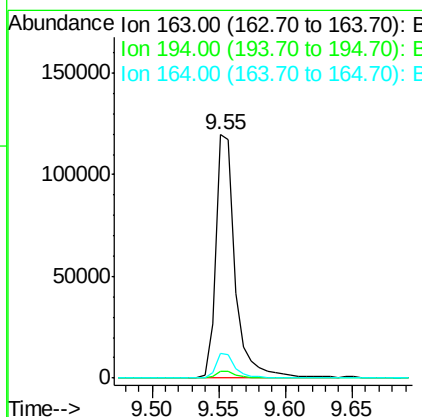
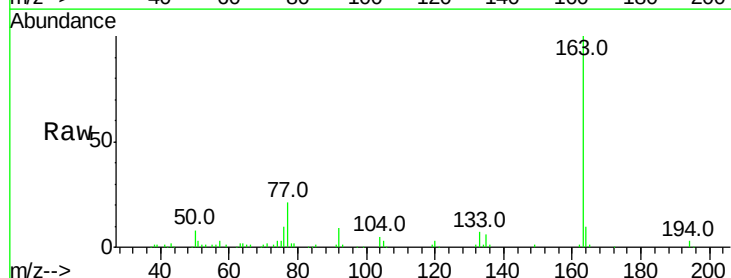
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	19.6	29.4

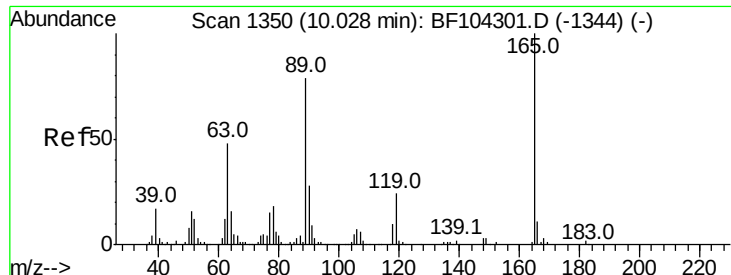


#49
 Dimethylphthalate
 Concen: 6.575 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.02 min
 Lab File: BF104663.D
 Acq: 20 Apr 2018 7:52

Tgt Ion:163 Resp: 123699

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.7	4.1
164	10.1	8.2	12.2

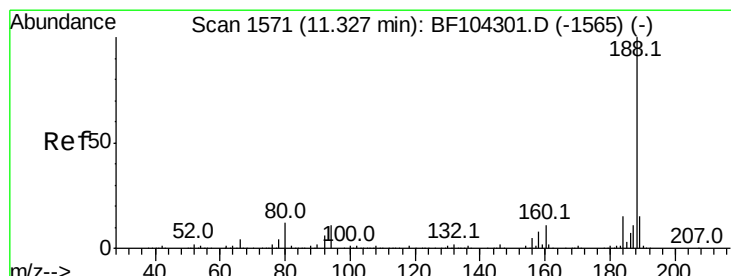
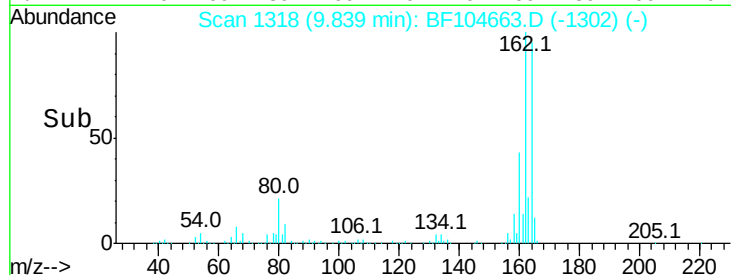
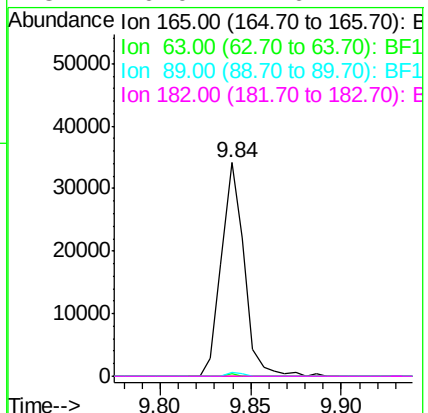
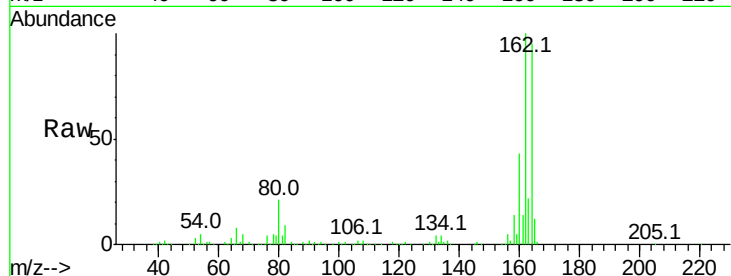




#56
 2,4-Dinitrotoluene
 Concen: 6.551 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF104663.D
 Acq: 20 Apr 2018 7:52

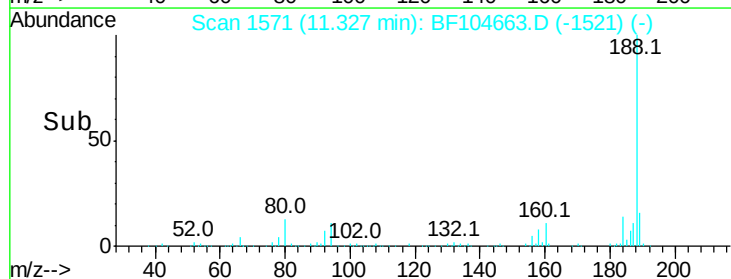
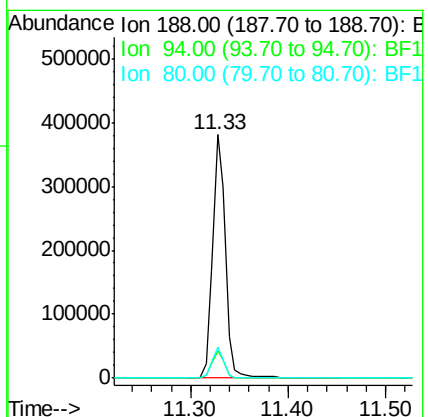
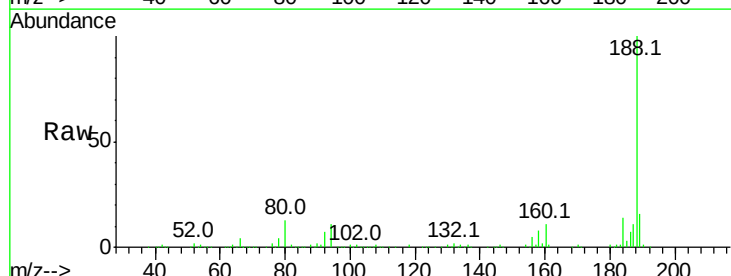
Instrument :
 BNA_F
 ClientSampled :

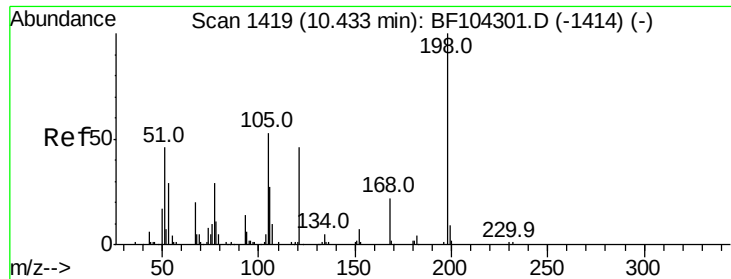
Tot Ion:165 Resp: 29917
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF104663.D
 Acq: 20 Apr 2018 7:52

Tgt Ion:188 Resp: 344795
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.5 12.7
 80 12.6 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.402 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.17 min

Lab File: BF104663.D

Acq: 20 Apr 2018 7:52

Instrument :

BNA_F

ClientSampleId :

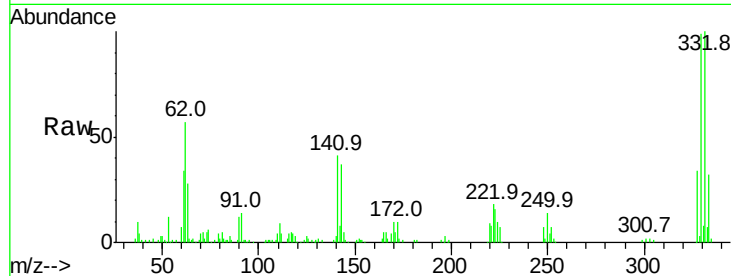
Tot Ion:198 Resp: 109

Ion Ratio Lower Upper

198 100

51 190.3 37.7 77.7#

105 169.4 36.3 76.3#

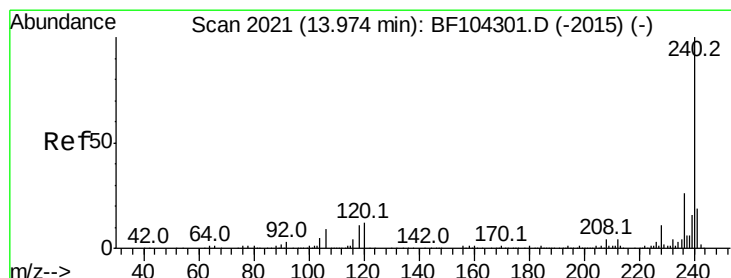
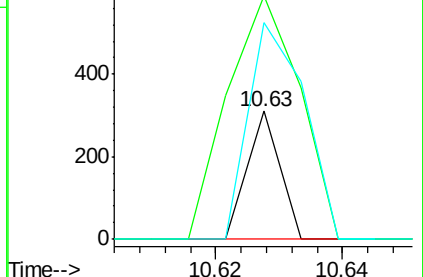
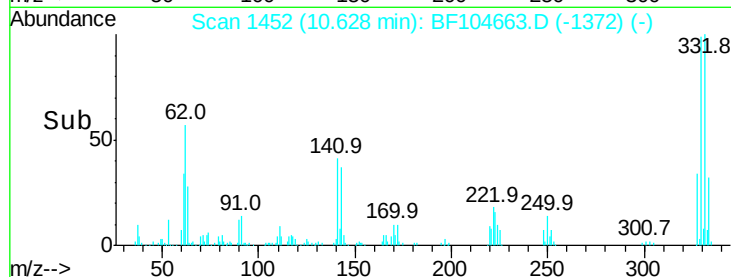


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104663.D

Acq: 20 Apr 2018 7:52

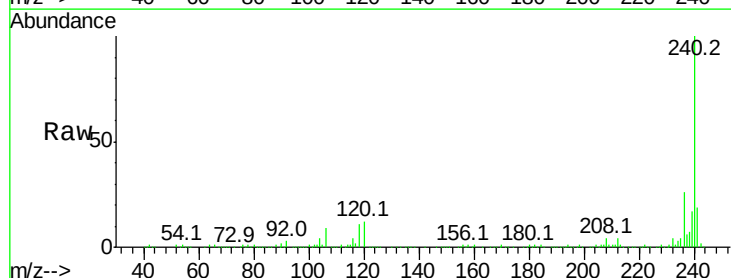
Tgt Ion:240 Resp: 291069

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

236 26.1 20.7 31.1

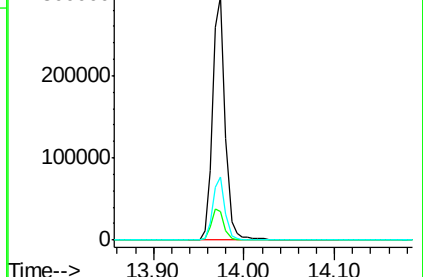
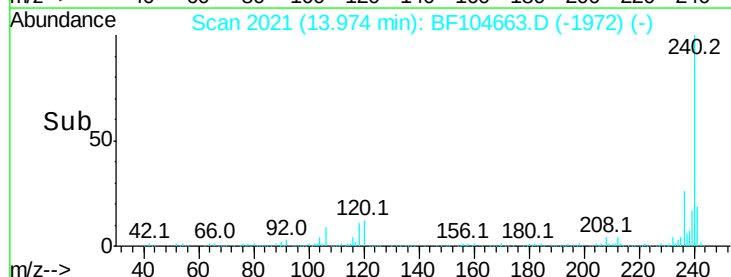


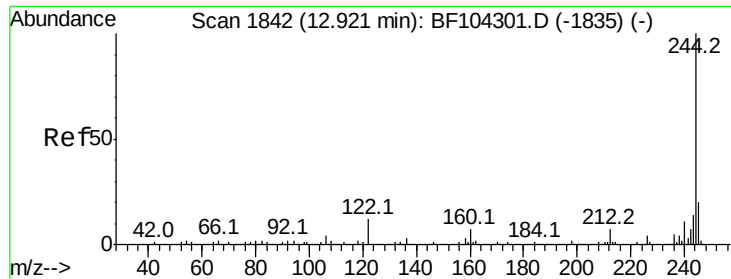
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->

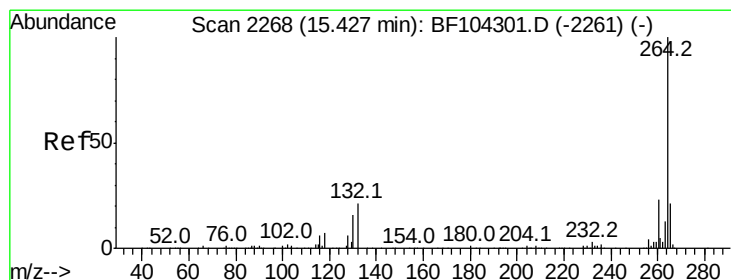
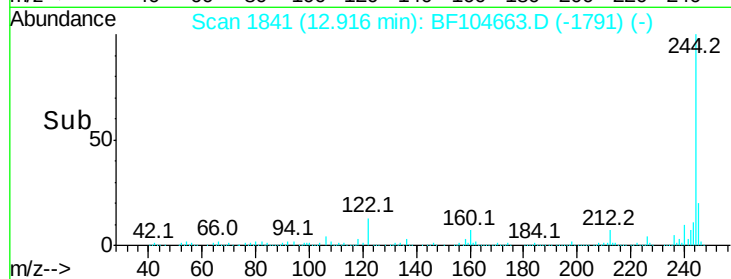
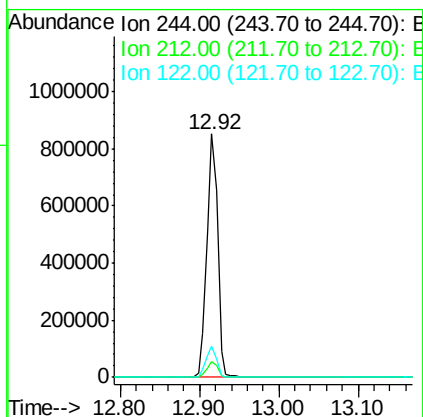
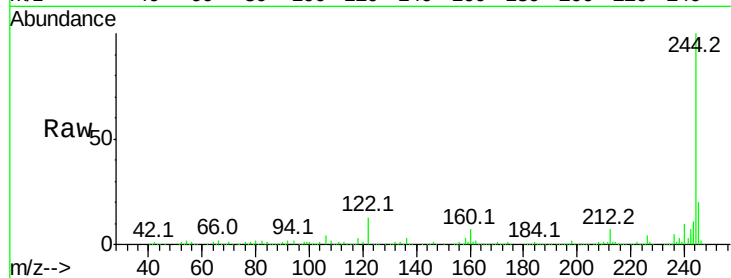




#78
 Terphenyl-d14
 Concen: 64.266 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104663.D
 Acq: 20 Apr 2018 7:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 820487
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF104663.D
 Acq: 20 Apr 2018 7:52

Tgt Ion:264 Resp: 231182
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 20.9 17.5 26.3

