

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104853.D
 Acq On : 26 Apr 2018 22:28
 Operator : JU/SJ
 Sample : J2158-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 07:41:36 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

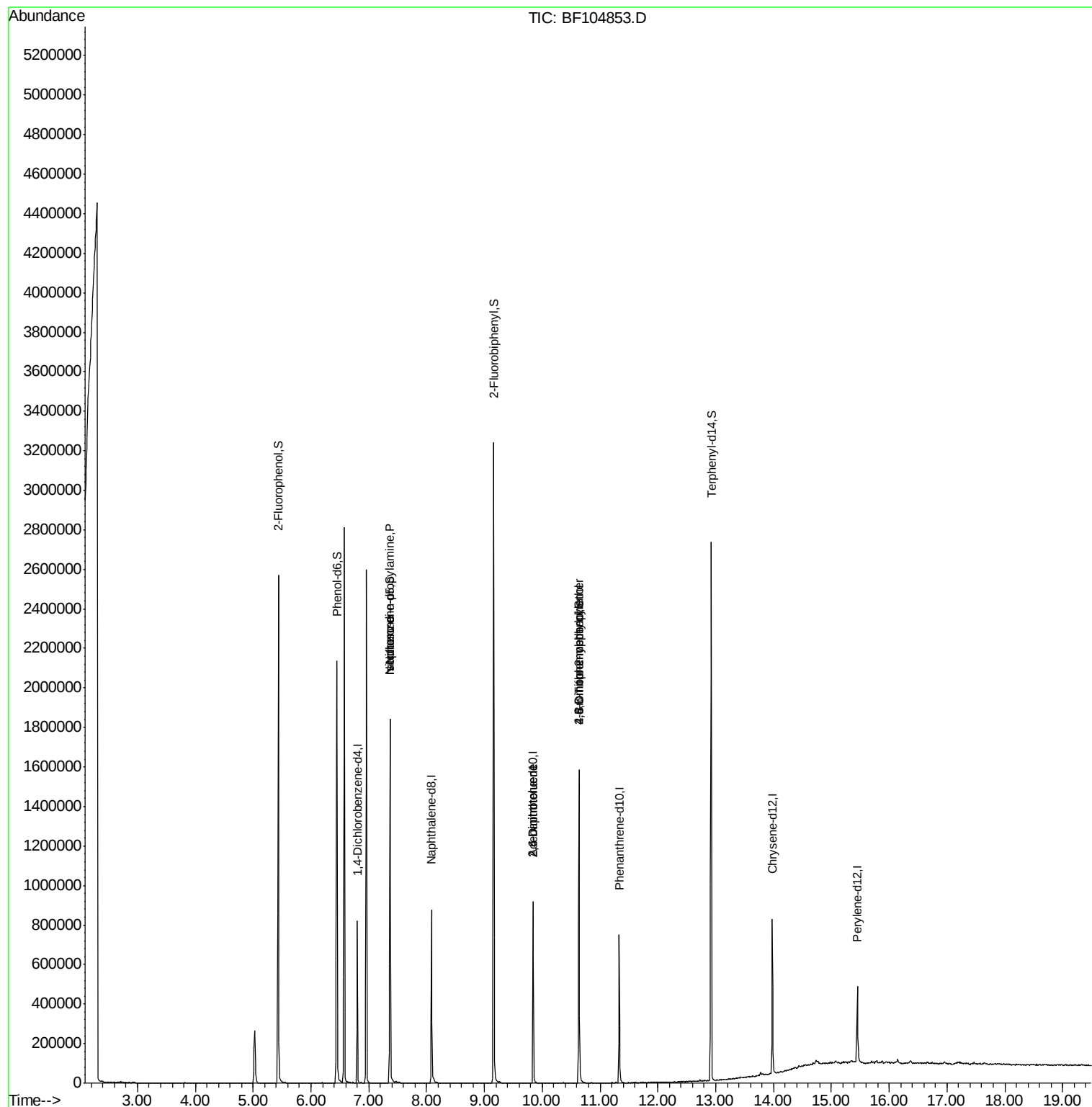
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	117811	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	468036	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	185188	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	297912	20.00	ng	0.00
75) Chrysene-d12	13.98	240	260252	20.00	ng	0.00
86) Perylene-d12	15.45	264	179948	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	832496	108.05	ng	0.02
7) Phenol-d6	6.45	99	918625	97.04	ng	0.00
23) Nitrobenzene-d5	7.37	82	648003	90.41	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	218850	113.92	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1071752	91.43	ng	0.00
78) Terphenyl-d14	12.92	244	961611	84.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	85854	13.878	ng	# 71
25) Isophorone	7.37	82	647998	42.752	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	23374	8.650	ng	# 26
56) 2,4-Dinitrotoluene	9.84	165	23374	6.594	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	299	7.522	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	13198	4.165	ng	# 1
76) Benizidine	12.69	184	533	Below Cal		# 66

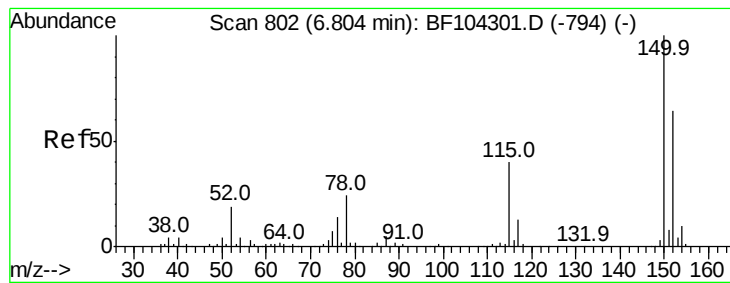
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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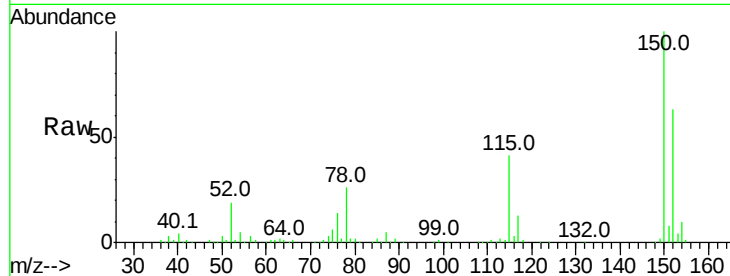


#1

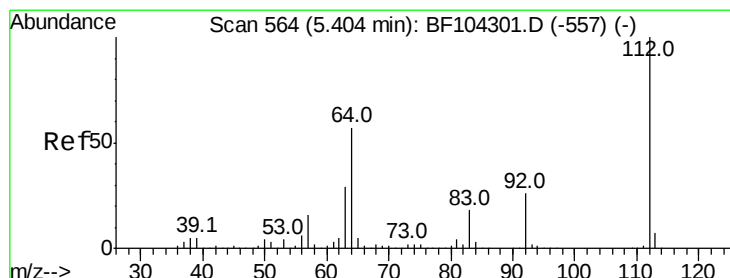
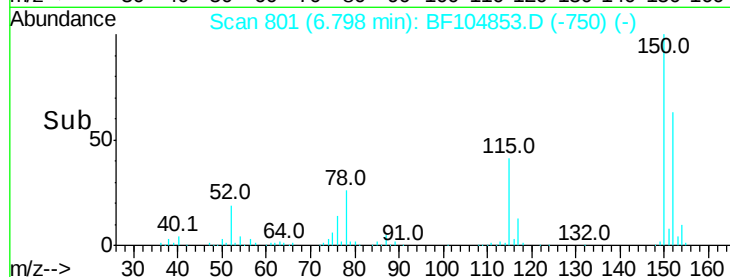
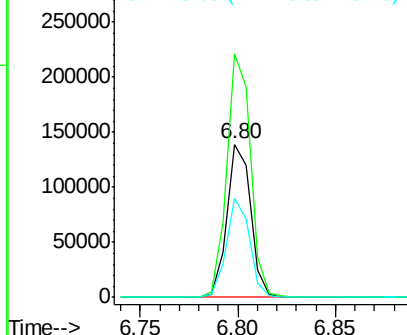
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104853.D
Acq: 26 Apr 2018 22:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 117811
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 65.1 50.1 75.1



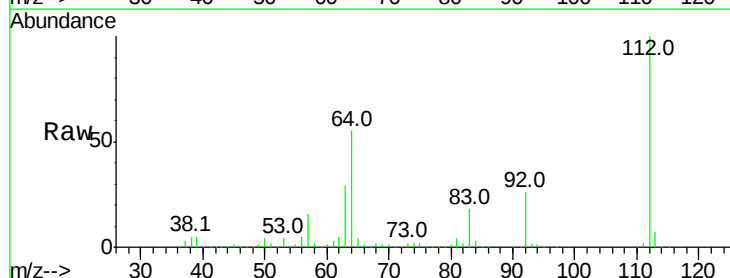
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



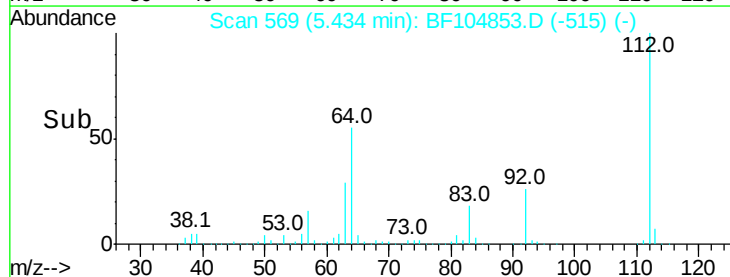
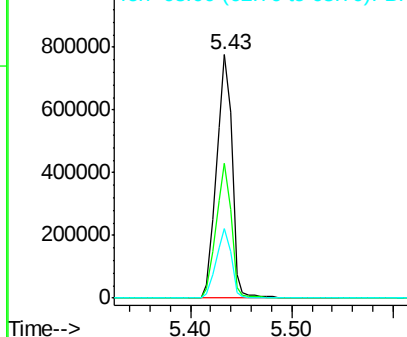
#5

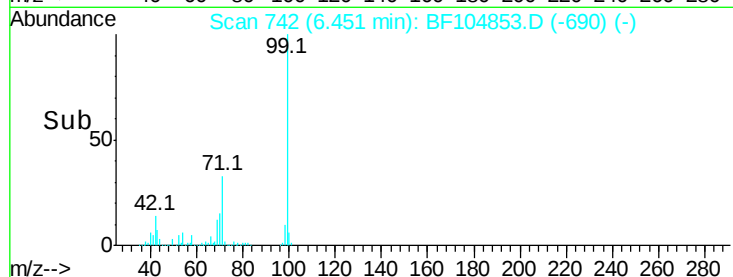
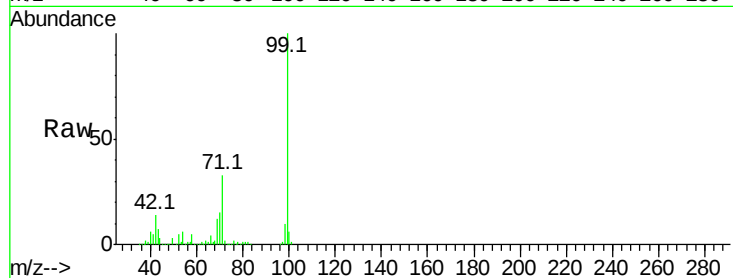
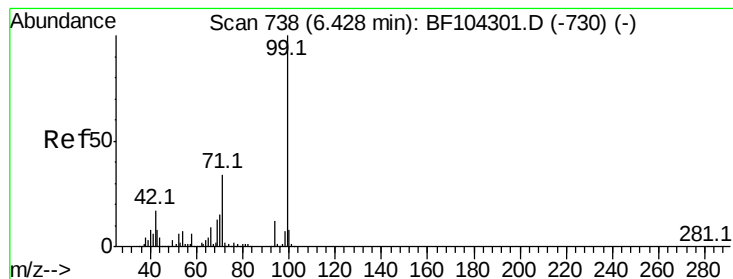
2-Fluorophenol
Concen: 108.049 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF104853.D
Acq: 26 Apr 2018 22:28

Tgt Ion:112 Resp: 832496
Ion Ratio Lower Upper
112 100
64 55.4 47.9 71.9
63 28.5 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: 97.037 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104853.D

Acq: 26 Apr 2018 22:28

Instrument :

BNA_F

ClientSampleId :

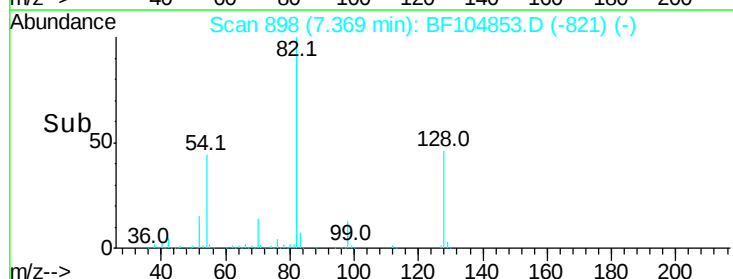
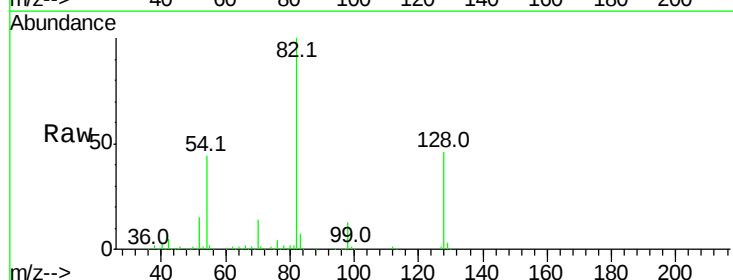
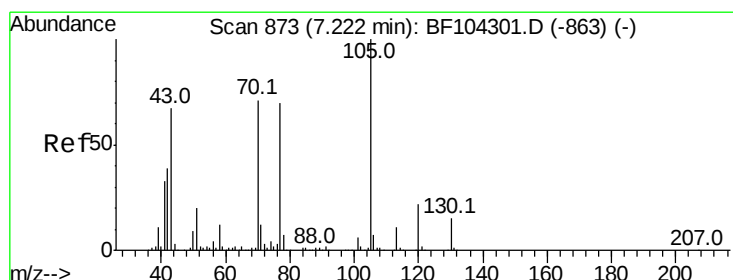
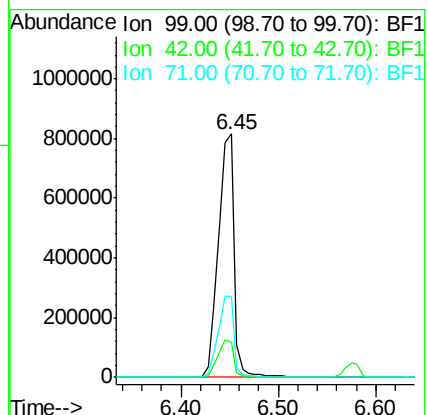
Tot Ion: 99 Resp: 918625

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

71 33.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.878 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104853.D

Acq: 26 Apr 2018 22:28

Tgt Ion: 70 Resp: 85854

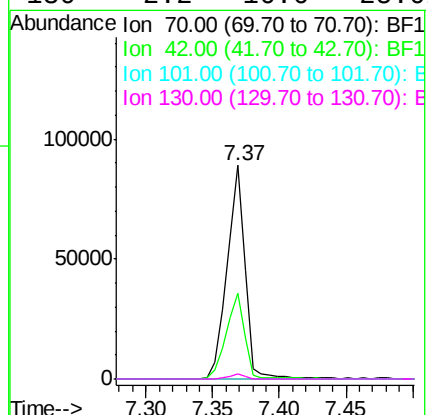
Ion Ratio Lower Upper

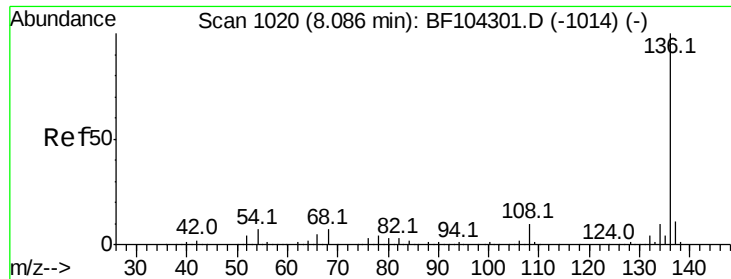
70 100

42 40.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

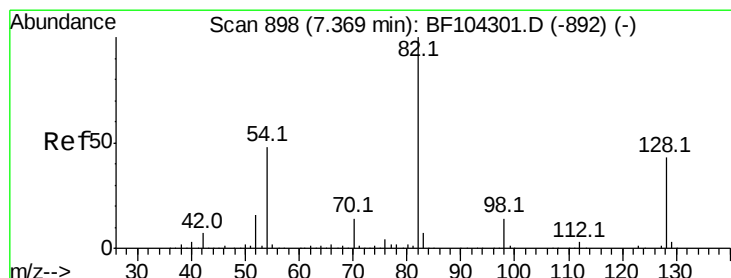
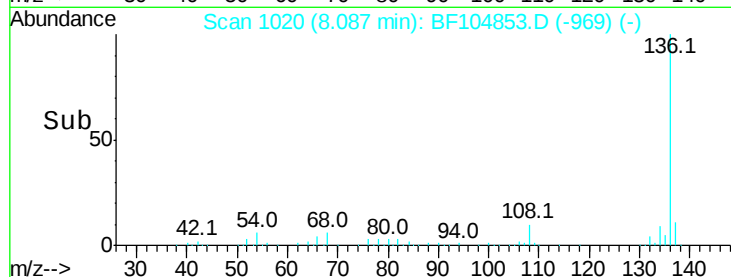
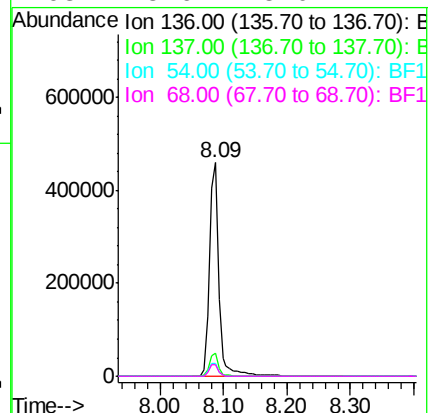
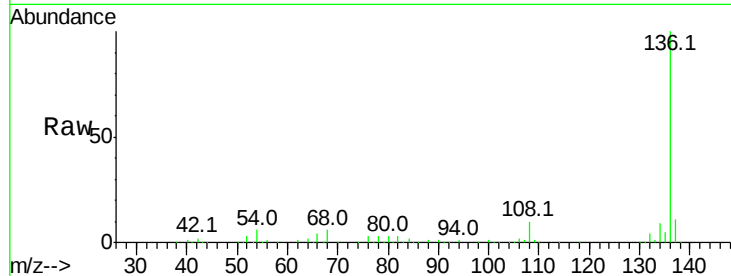




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104853.D
Acq: 26 Apr 2018 22:28

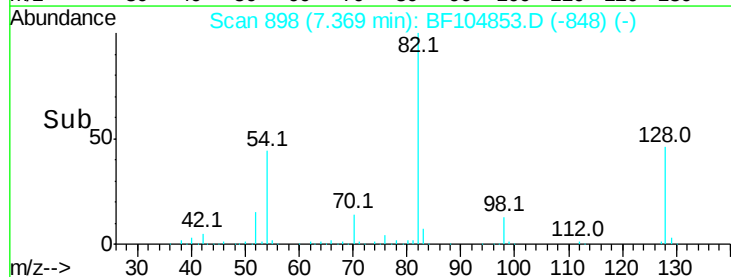
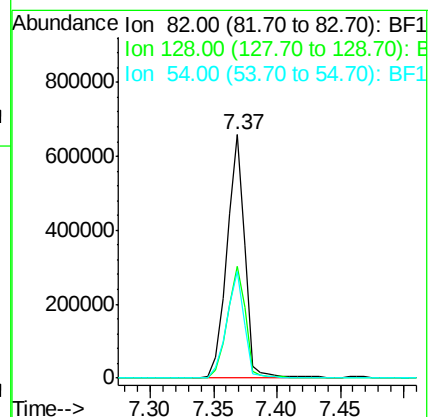
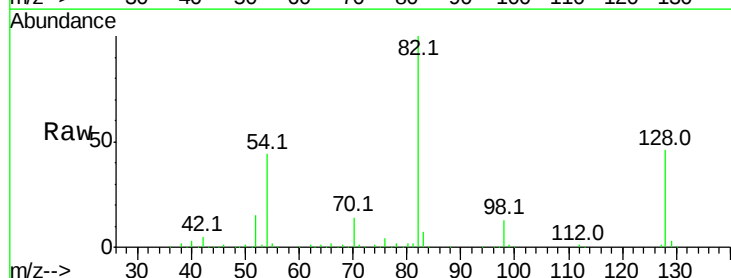
Instrument :
BNA_F
ClientSampleId :

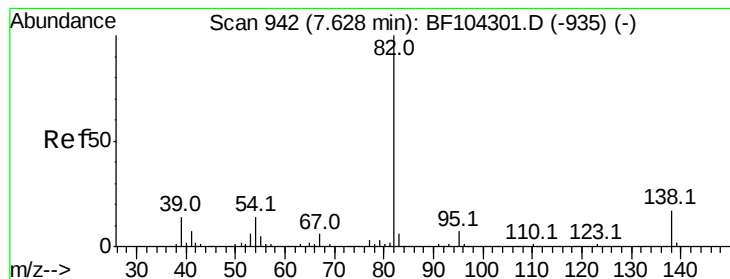
Tot Ion:	136	Resp:	468036
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.2	6.6	9.8#
68	5.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 90.406 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104853.D
Acq: 26 Apr 2018 22:28

Tgt Ion:	82	Resp:	648003
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	43.7	41.4	62.2





#25

Isophorone

Concen: 42.752 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104853.D

Acq: 26 Apr 2018 22:28

Instrument :

BNA_F

ClientSampleId :

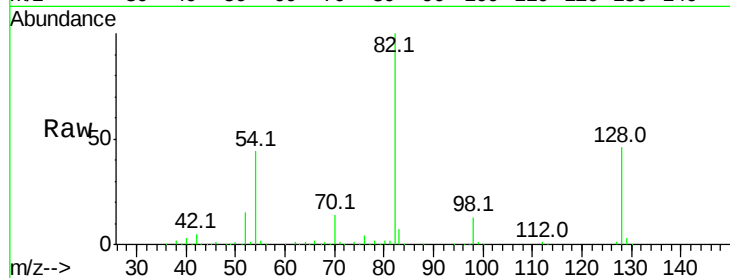
Tot Ion: 82 Resp: 647998

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

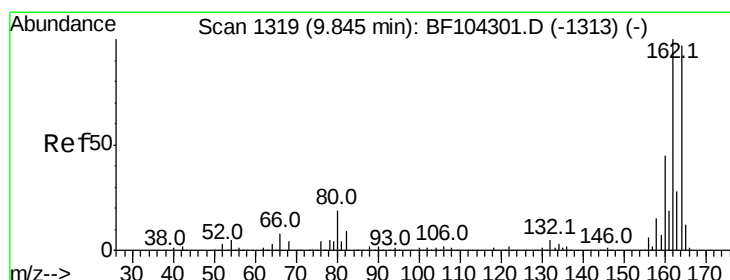
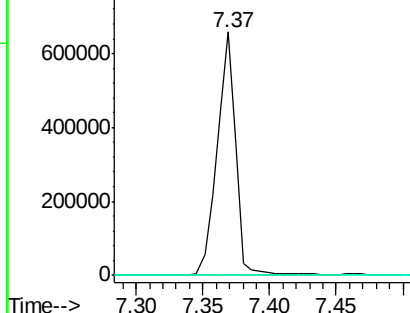
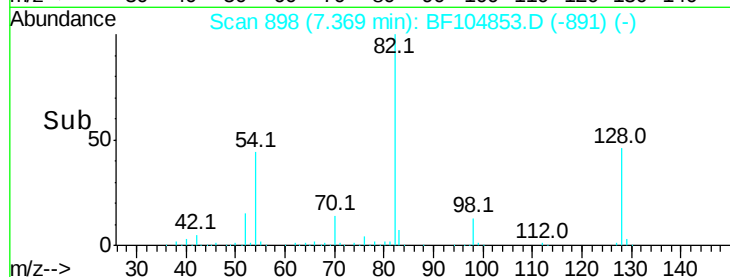
138 0.0 14.9 22.3#



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: BF104853.D

Acq: 26 Apr 2018 22:28

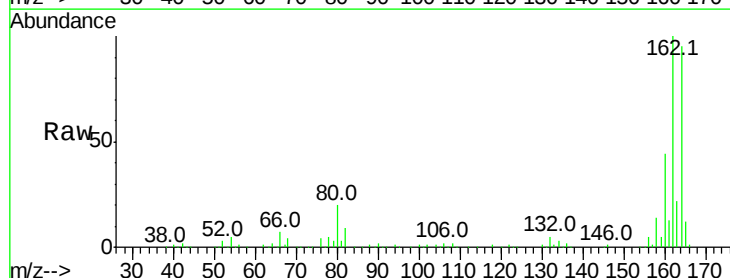
Tgt Ion:164 Resp: 185188

Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

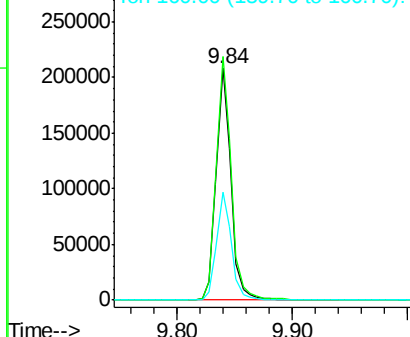
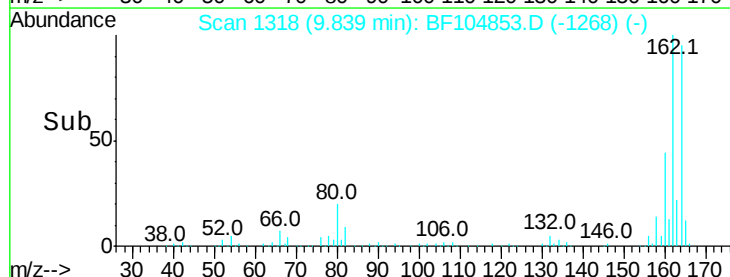
160 46.6 38.3 57.5

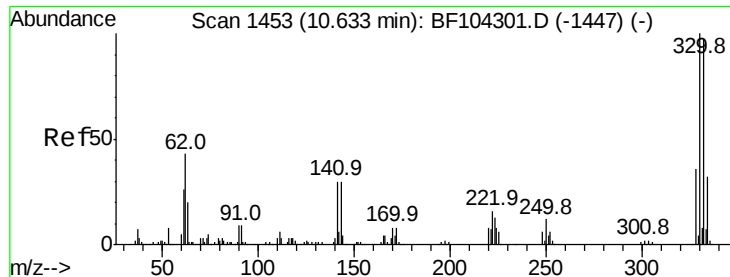


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

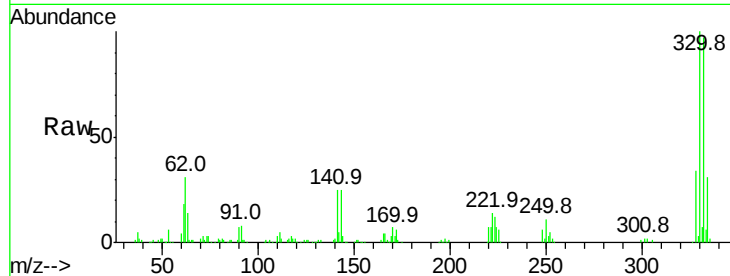




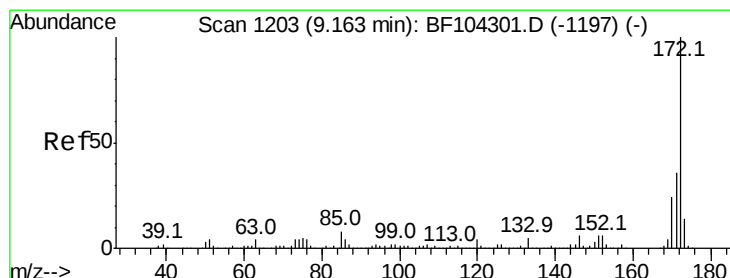
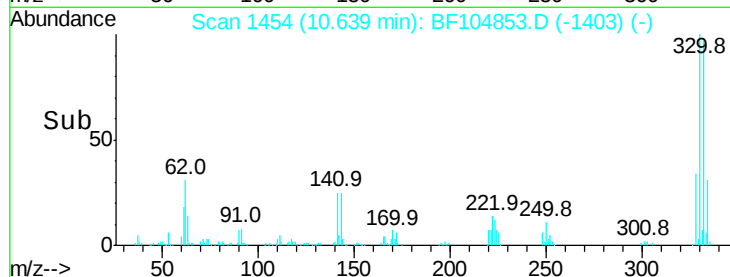
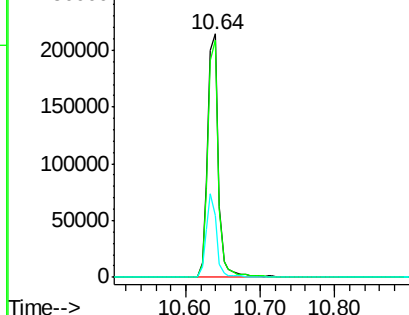
#41
 2,4,6-Tribromophenol
 Concen: 113.925 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104853.D
 Acq: 26 Apr 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.8	29.9	44.9

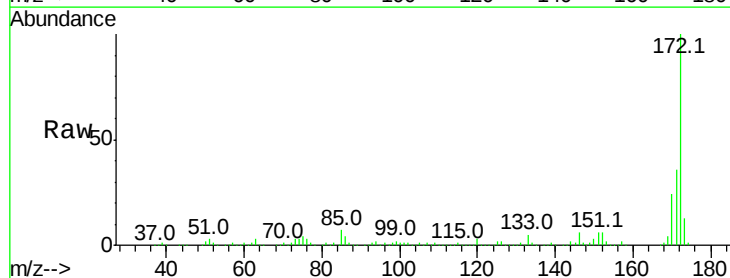


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

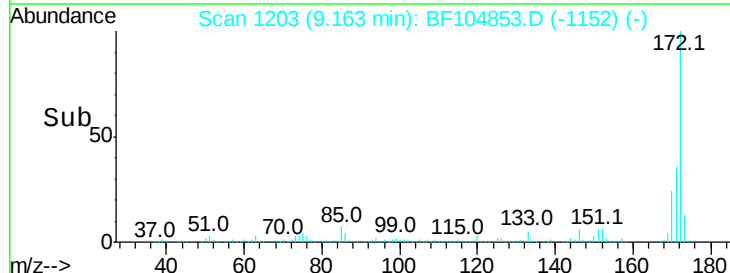
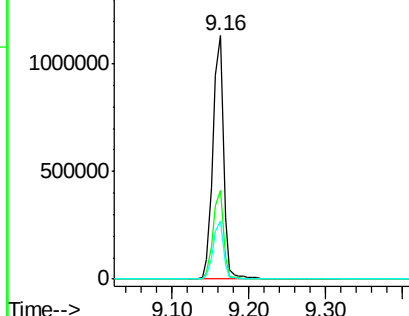


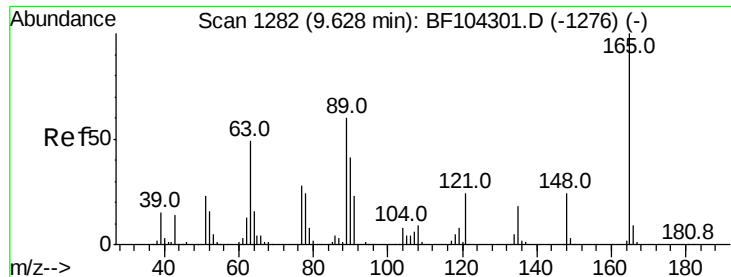
#44
 2-Fluorobiphenyl
 Concen: 91.426 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104853.D
 Acq: 26 Apr 2018 22:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.8	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

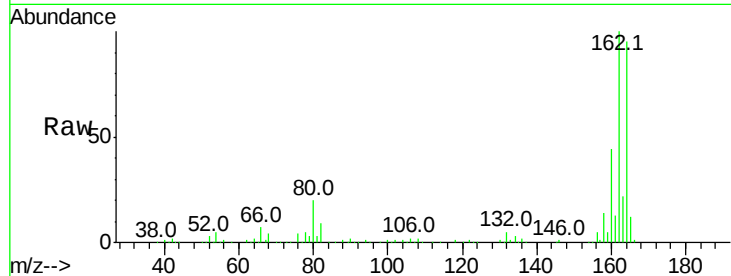




#50
 2,6-Dinitrotoluene
 Concen: 8.650 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.21 min
 Lab File: BF104853.D
 Acq: 26 Apr 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :

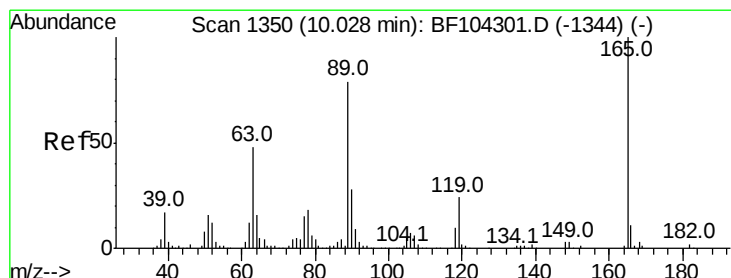
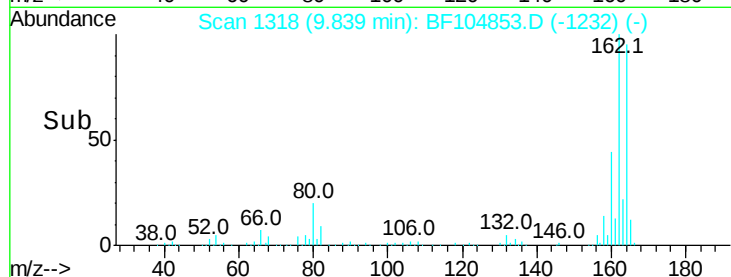
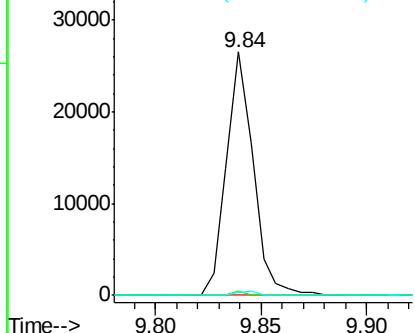
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.3	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 6.594 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.20 min
 Lab File: BF104853.D
 Acq: 26 Apr 2018 22:28

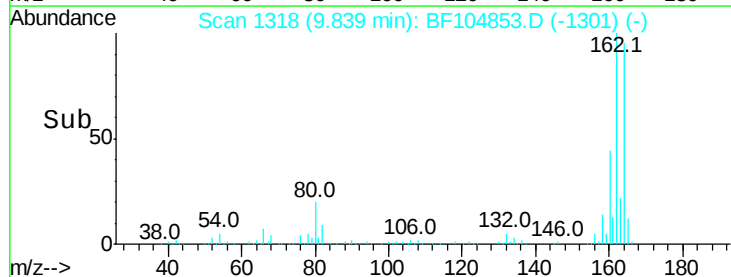
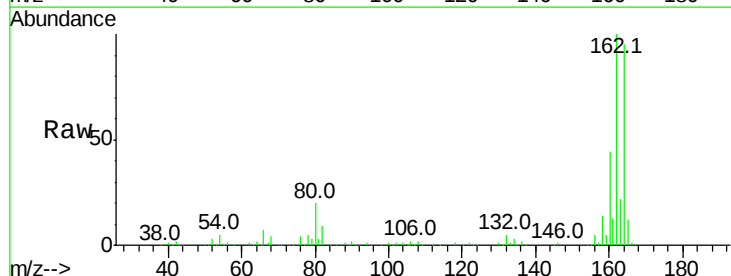
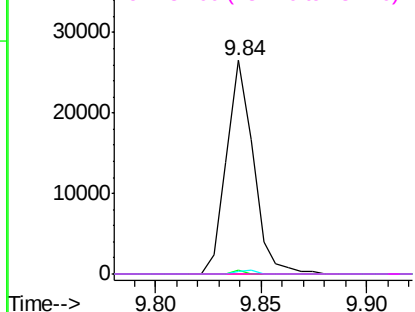
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

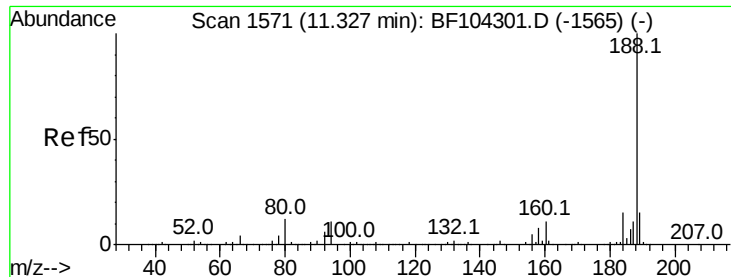
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

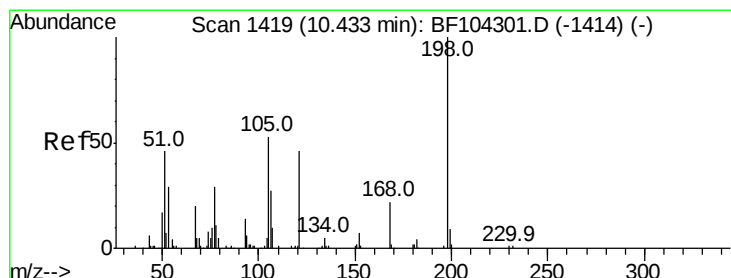
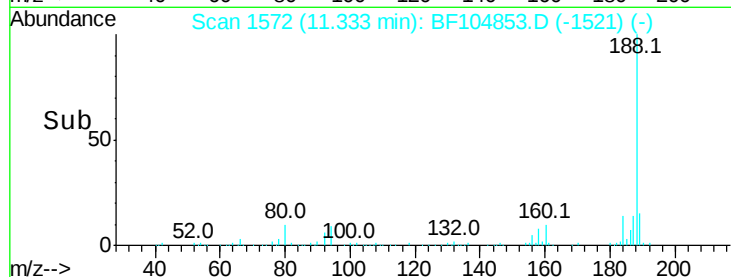
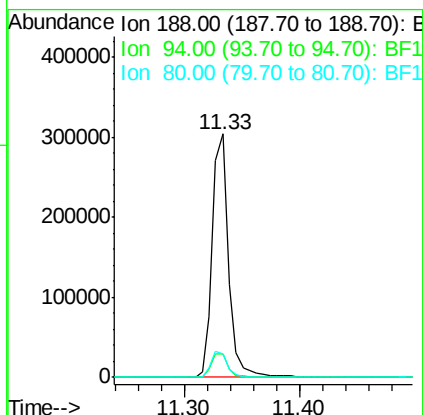
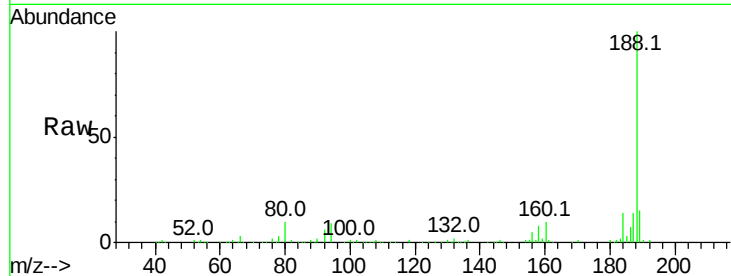




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF104853.D
 Acq: 26 Apr 2018 22:28

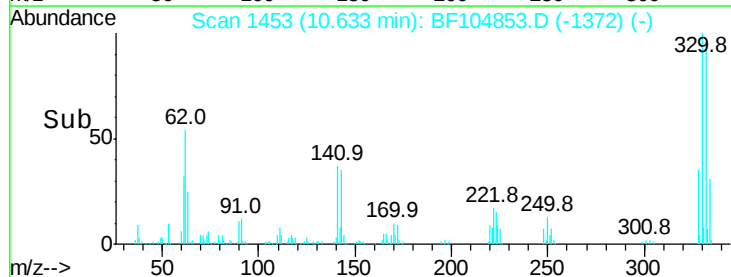
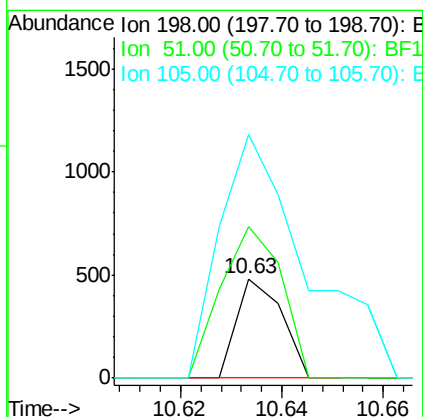
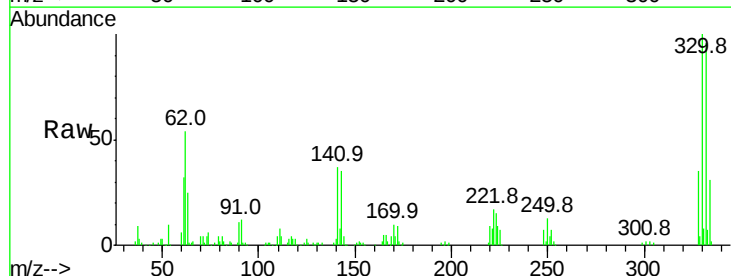
Instrument :
 BNA_F
 ClientSampleId :

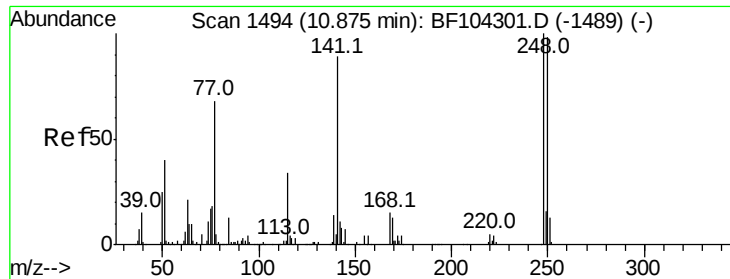
Tot Ion:188 Resp: 297912
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.5 12.7
 80 9.8 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.522 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.18 min
 Lab File: BF104853.D
 Acq: 26 Apr 2018 22:28

Tgt Ion:198 Resp: 299
 Ion Ratio Lower Upper
 198 100
 51 152.1 37.7 77.7#
 105 245.0 36.3 76.3#

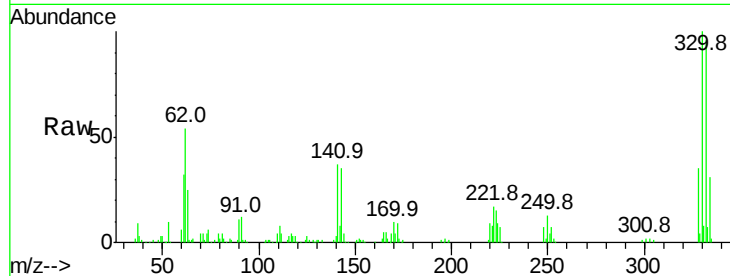




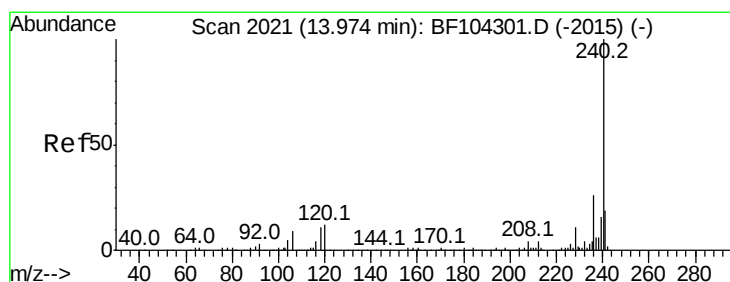
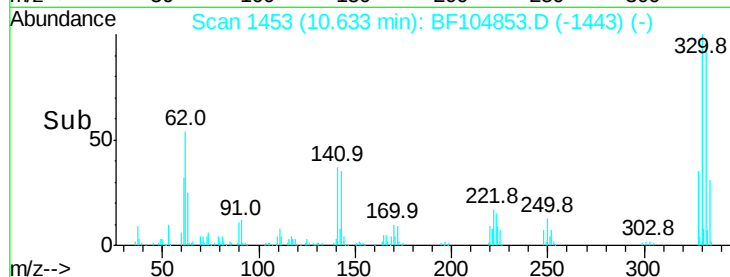
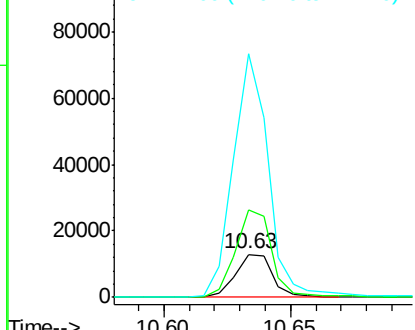
#66
4-Bromophenyl-phenylether
Concen: 4.165 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104853.D
Acq: 26 Apr 2018 22:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 13198
Ion Ratio Lower Upper
248 100
250 201.7 76.9 115.3#
141 562.7 74.4 111.6#

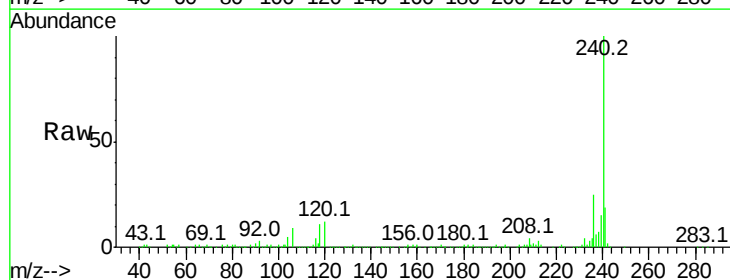


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

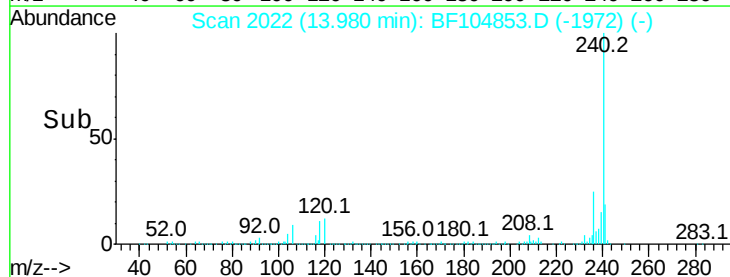
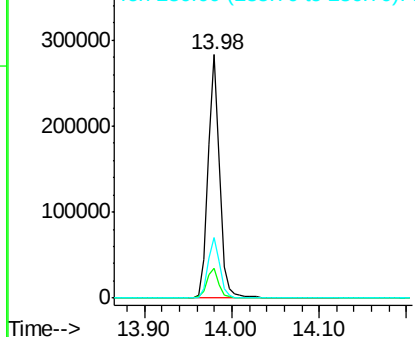


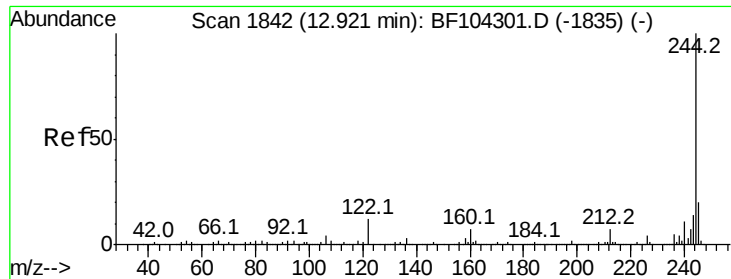
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104853.D
Acq: 26 Apr 2018 22:28

Tgt Ion:240 Resp: 260252
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 25.0 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: 84.238 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104853.D

Acq: 26 Apr 2018 22:28

Instrument :

BNA_F

ClientSampled :

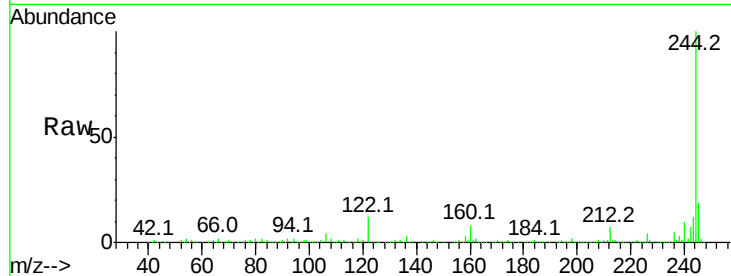
Tot Ion:244 Resp: 961611

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

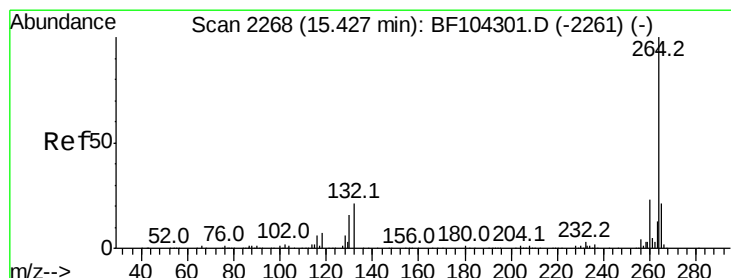
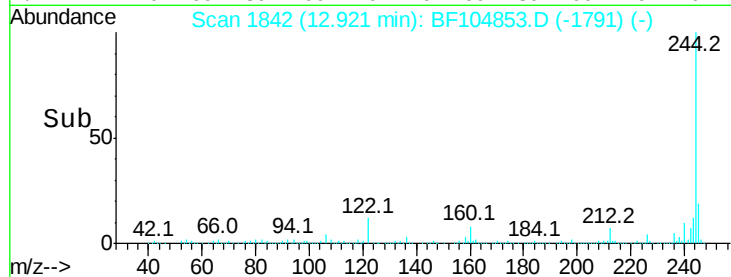
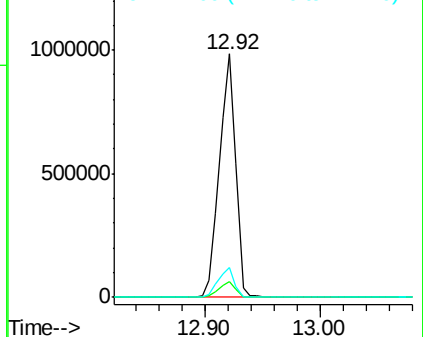
122 12.0 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF104853.D

Acq: 26 Apr 2018 22:28

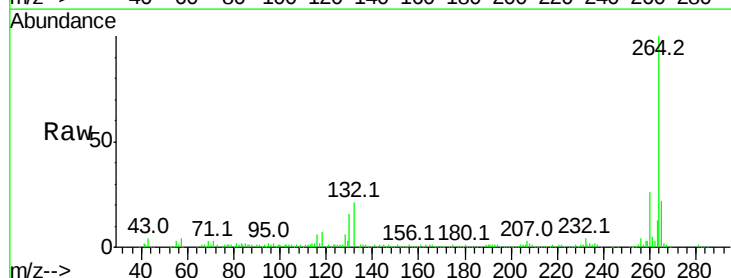
Tgt Ion:264 Resp: 179948

Ion Ratio Lower Upper

264 100

260 25.7 19.2 28.8

265 22.0 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

