

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104854.D
 Acq On : 26 Apr 2018 22:54
 Operator : JU/SJ
 Sample : J2582-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 07:42:09 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

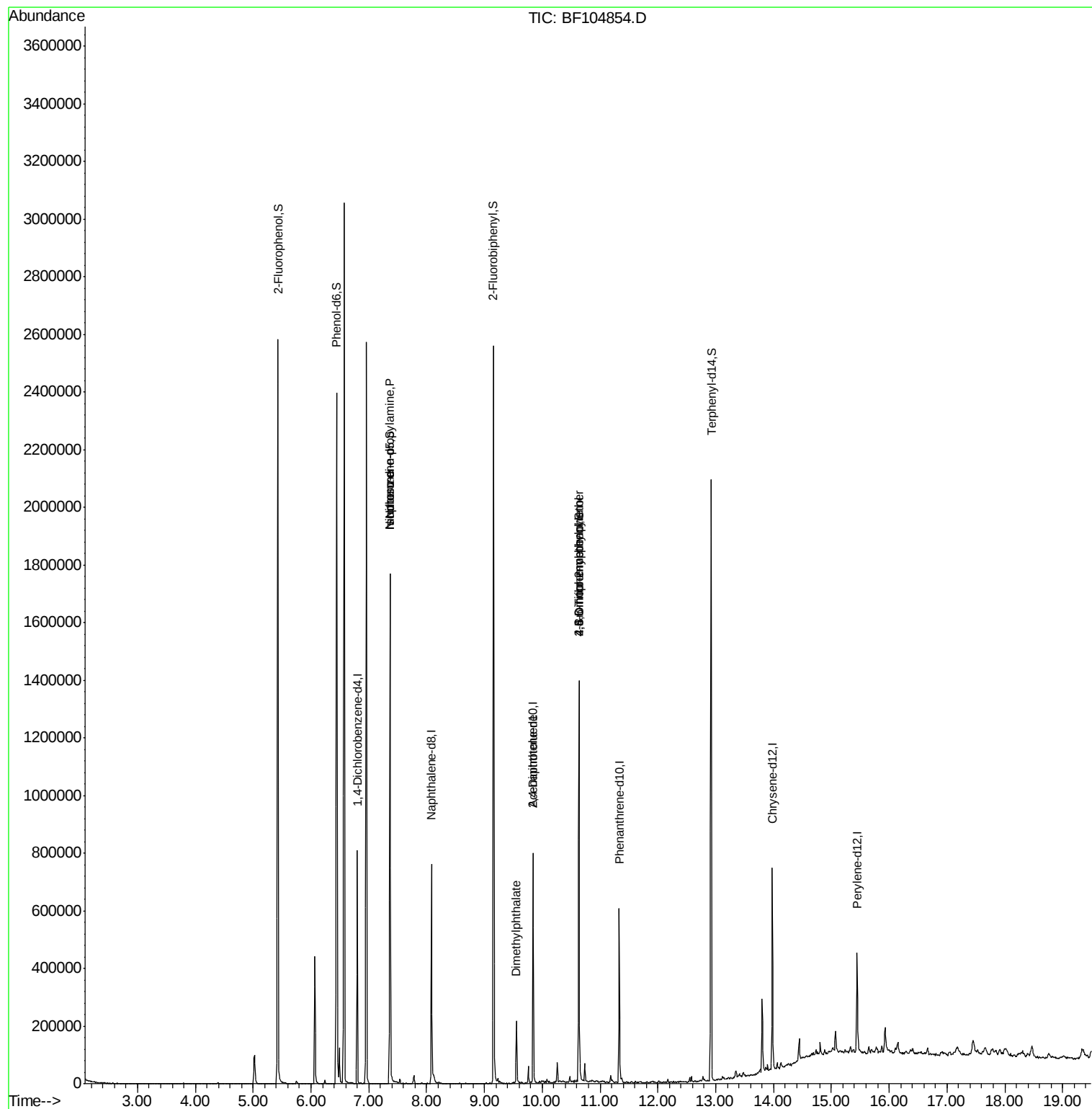
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	111079	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	414960	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	155097	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	243806	20.00	ng	0.00
75) Chrysene-d12	13.98	240	229906	20.00	ng	0.00
86) Perylene-d12	15.44	264	155028	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	875008	120.45	ng	0.01
7) Phenol-d6	6.45	99	1037356	116.22	ng	0.00
23) Nitrobenzene-d5	7.37	82	613676	96.57	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	179233	111.40	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	862145	87.81	ng	0.00
78) Terphenyl-d14	12.92	244	725700	71.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	80368	13.779	ng	# 71
25) Isophorone	7.37	82	613671	45.666	ng	# 64
49) Dimethylphthalate	9.55	163	94183	7.701	ng	# 98
56) 2,4-Dinitrotoluene	9.84	165	19919	6.710	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	157	7.459	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	10462	4.034	ng	# 1
76) Benzidine	12.92	184	9617	Below Cal		# 91

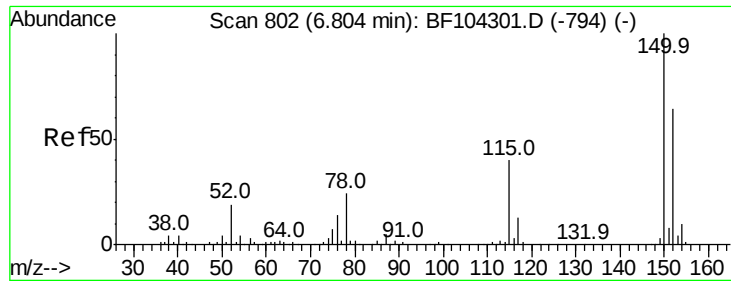
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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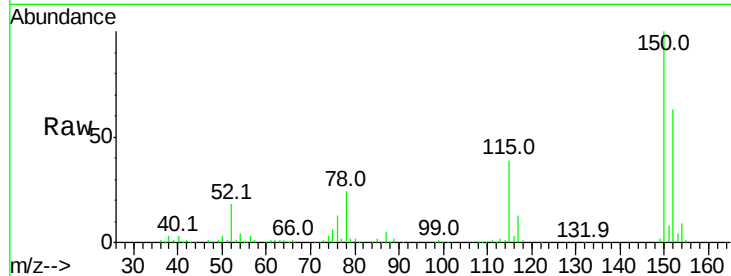


#1

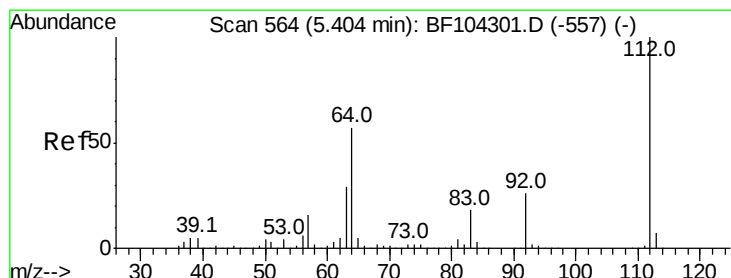
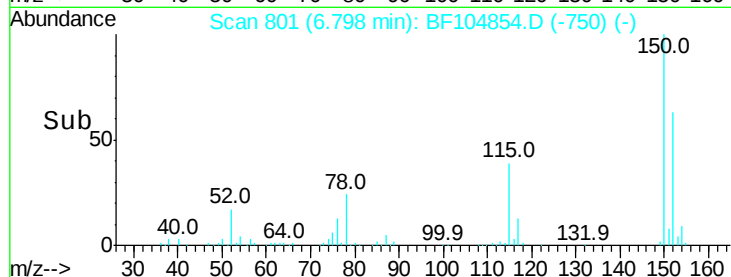
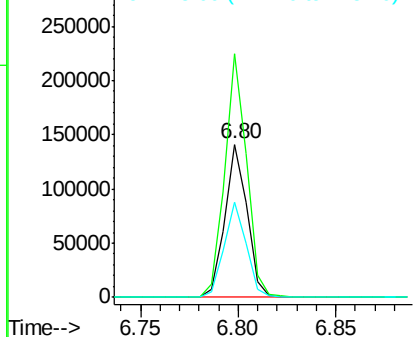
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104854.D
Acq: 26 Apr 2018 22:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 111079
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 61.9 50.1 75.1



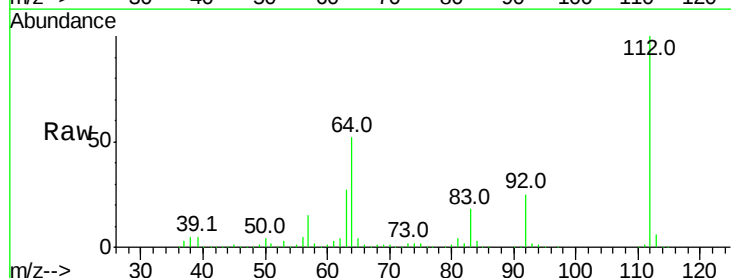
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



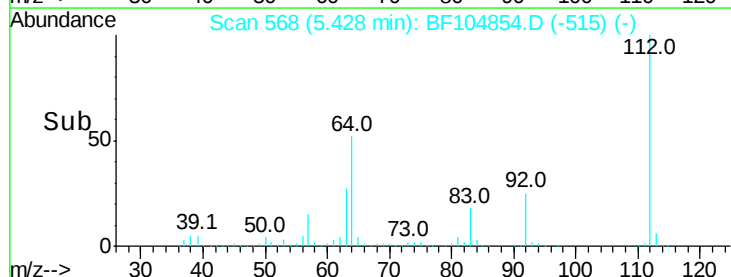
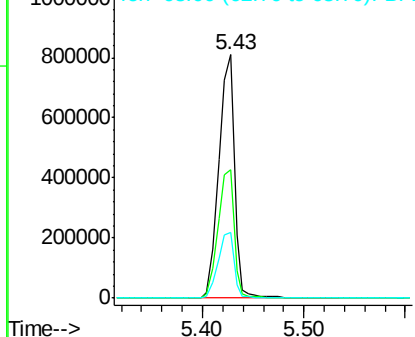
#5

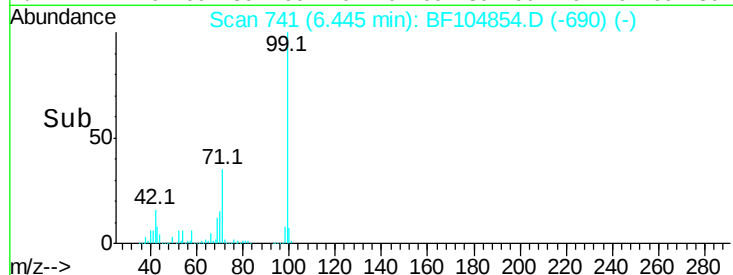
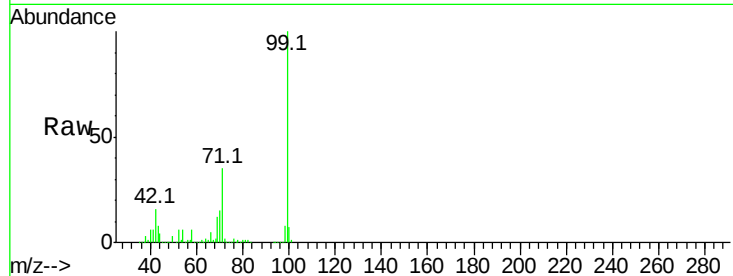
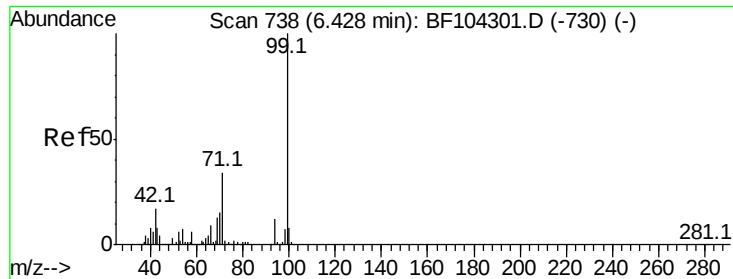
2-Fluorophenol
Concen: 120.449 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104854.D
Acq: 26 Apr 2018 22:54

Tgt Ion:112 Resp: 875008
Ion Ratio Lower Upper
112 100
64 52.5 47.9 71.9
63 27.0 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: 116.220 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104854.D

Acq: 26 Apr 2018 22:54

Instrument :

BNA_F

ClientSampled :

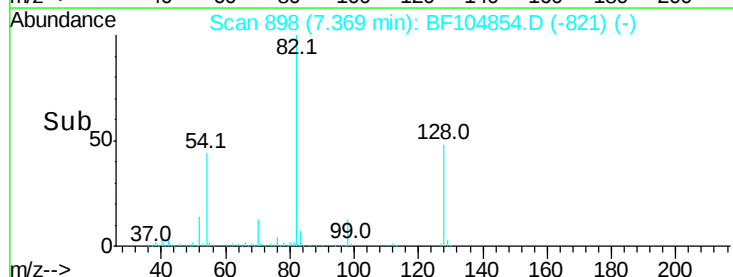
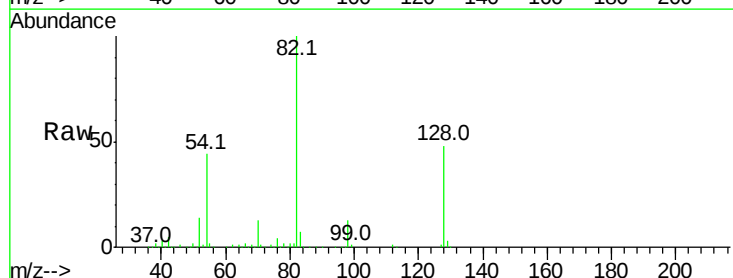
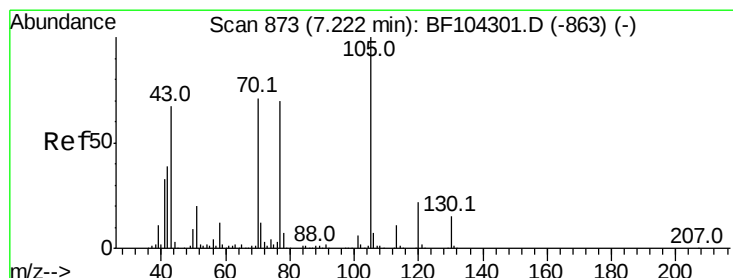
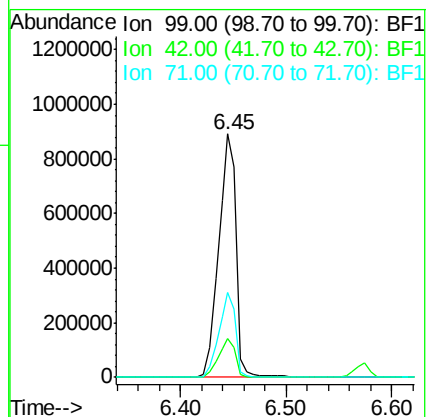
Tot Ion: 99 Resp: 1037356

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

71 34.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.779 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104854.D

Acq: 26 Apr 2018 22:54

Tgt Ion: 70 Resp: 80368

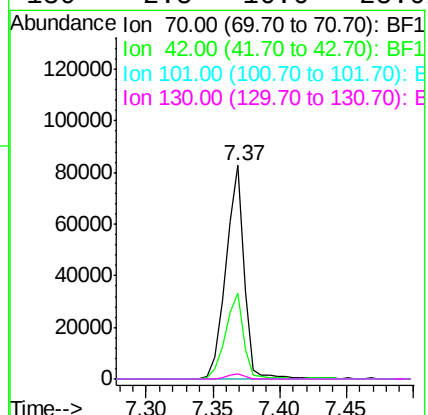
Ion Ratio Lower Upper

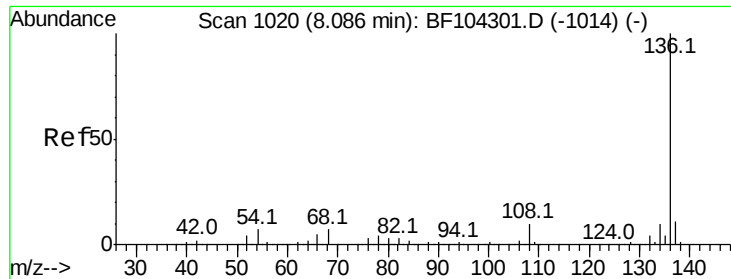
70 100

42 40.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

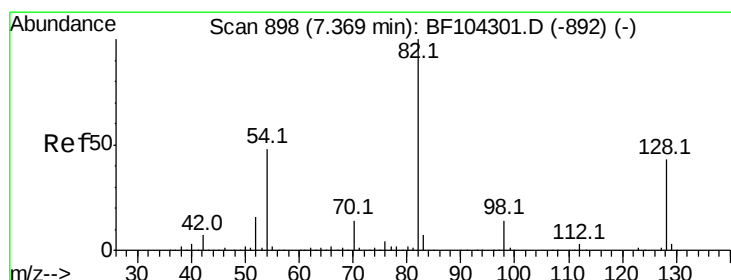
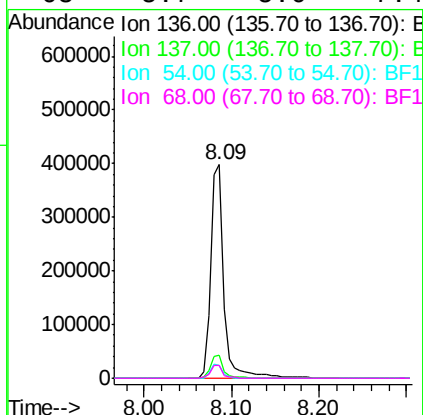
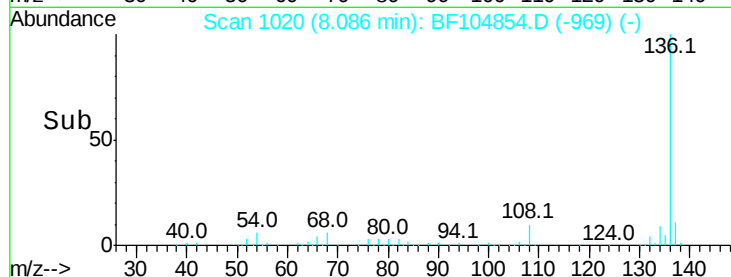
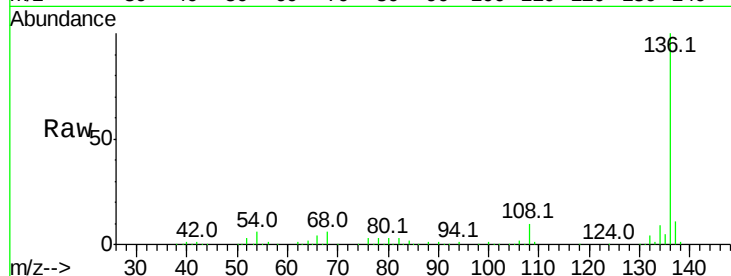




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104854.D
Acq: 26 Apr 2018 22:54

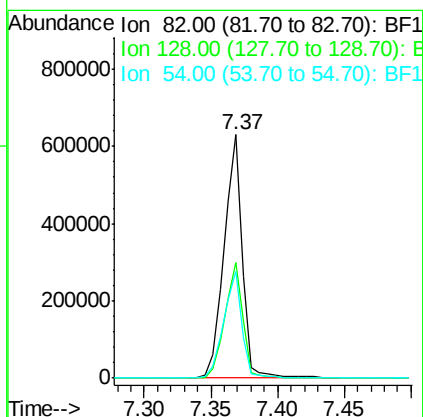
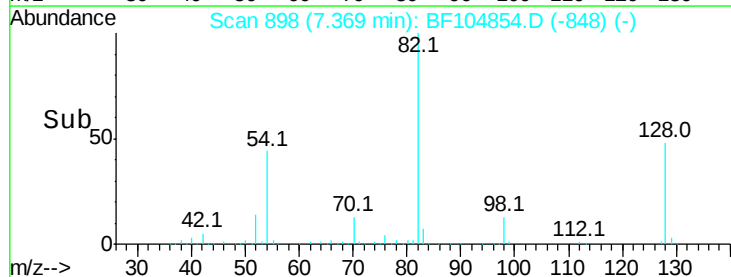
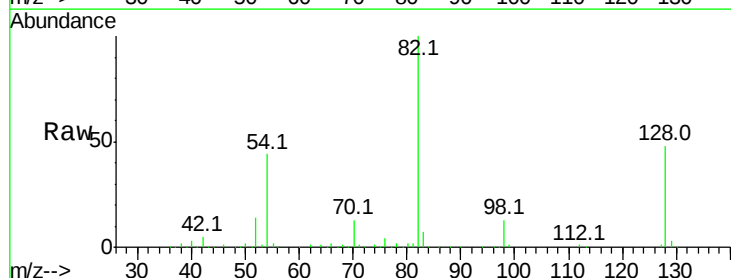
Instrument :
BNA_F
ClientSampleId :

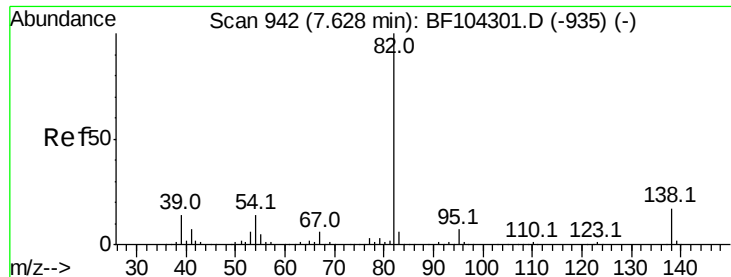
Tot Ion:	136	Resp:	414960
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.9	6.6	9.8#
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 96.568 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104854.D
Acq: 26 Apr 2018 22:54

Tgt Ion:	82	Resp:	613676
Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.1	54.1
54	43.9	41.4	62.2





#25

Isophorone

Concen: 45.666 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104854.D

Acq: 26 Apr 2018 22:54

Instrument :

BNA_F

ClientSampleId :

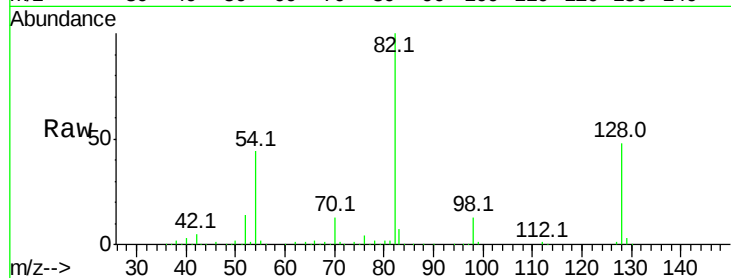
Tot Ion: 82 Resp: 613671

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

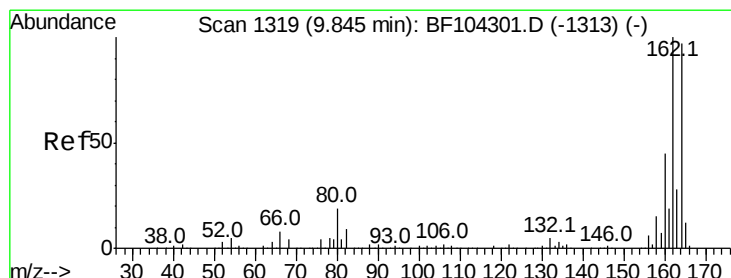
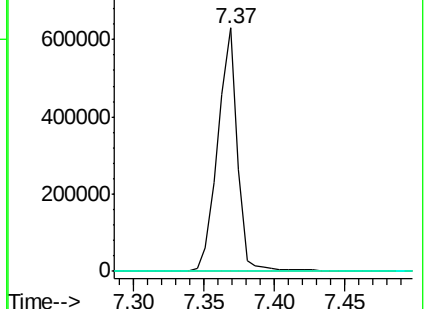
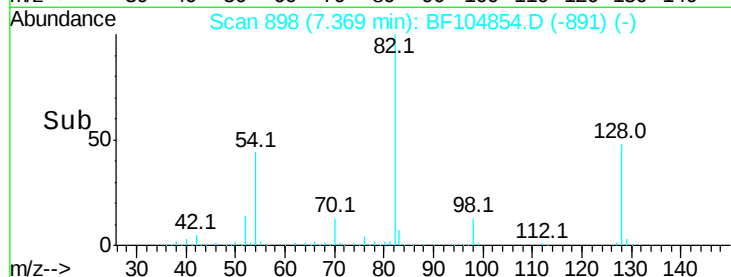
138 0.0 14.9 22.3#



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: BF104854.D

Acq: 26 Apr 2018 22:54

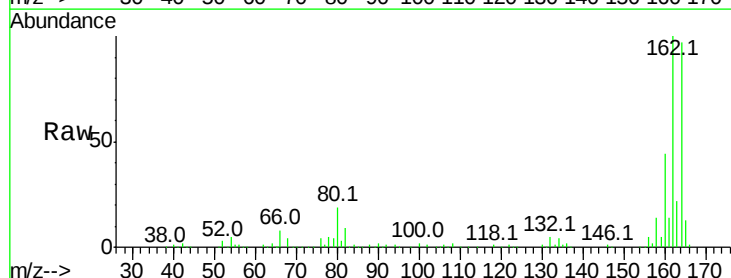
Tgt Ion:164 Resp: 155097

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

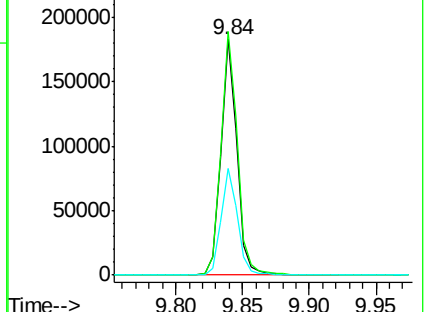
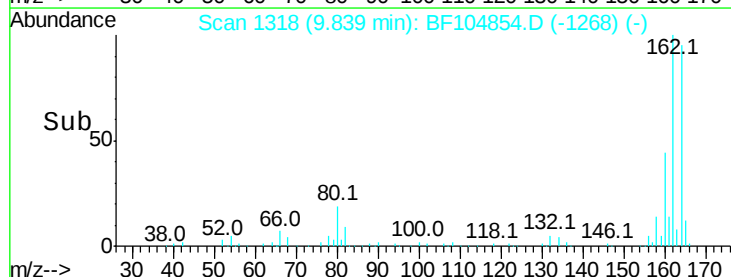
160 45.4 38.3 57.5

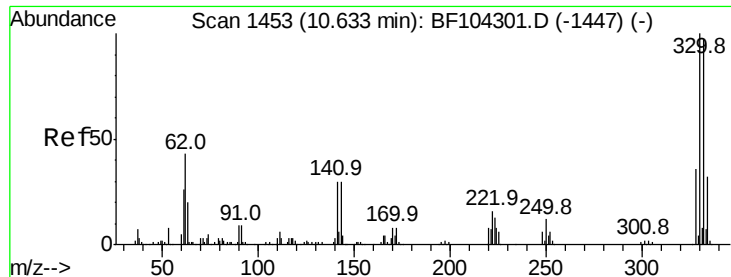


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

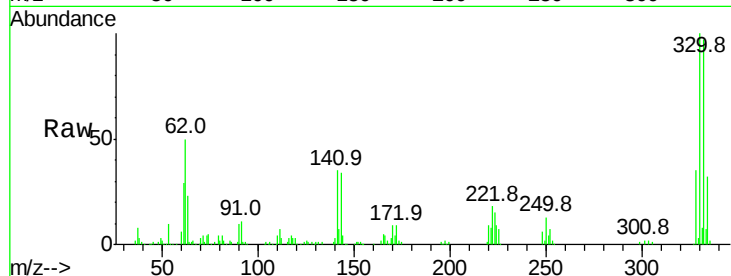




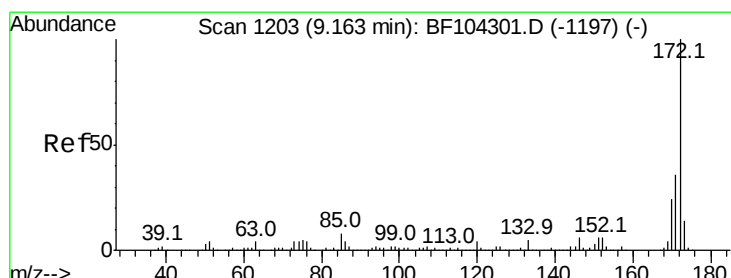
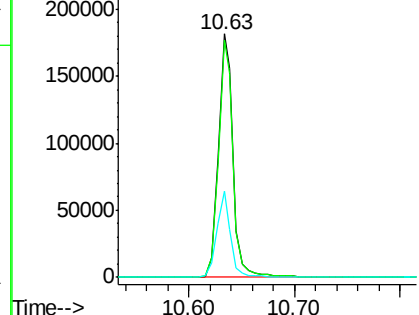
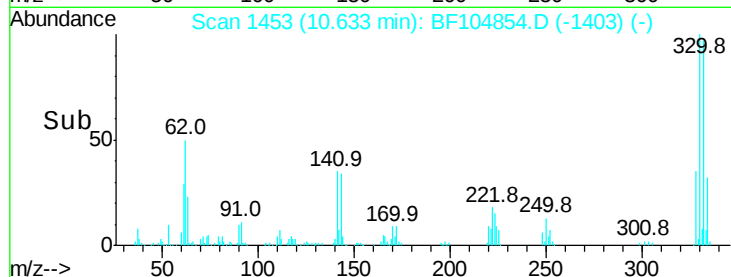
#41
 2,4,6-Tribromophenol
 Concen: 111.403 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104854.D
 Acq: 26 Apr 2018 22:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	33.0	29.9	44.9

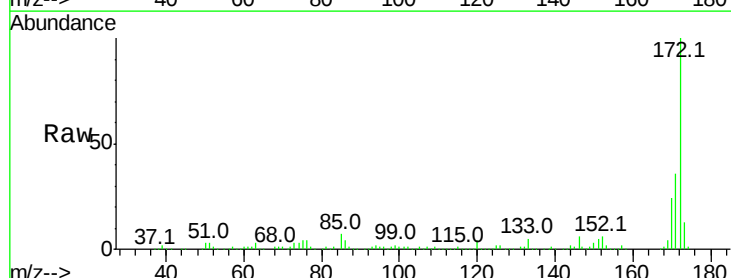


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

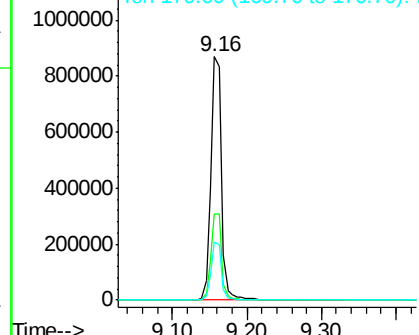
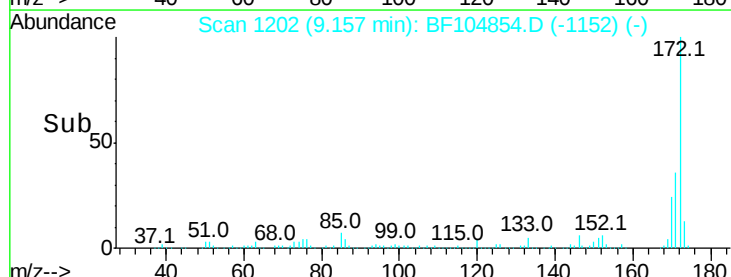


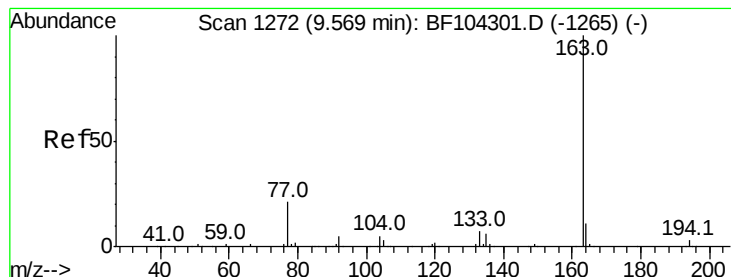
#44
 2-Fluorobiphenyl
 Concen: 87.814 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104854.D
 Acq: 26 Apr 2018 22:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.6	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





#49

Dimethylphthalate

Concen: 7.701 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF104854.D

Acq: 26 Apr 2018 22:54

Instrument :

BNA_F

ClientSampleId :

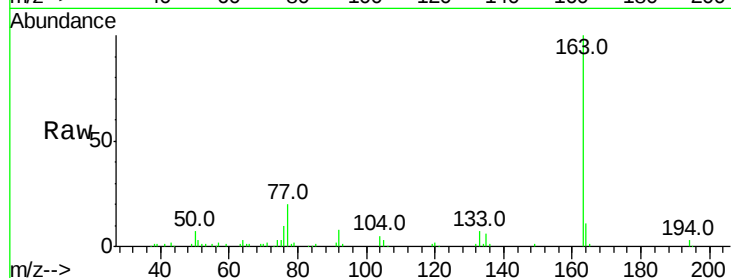
Tot Ion:163 Resp: 94183

Ion Ratio Lower Upper

163 100

194 2.7 2.7 4.1#

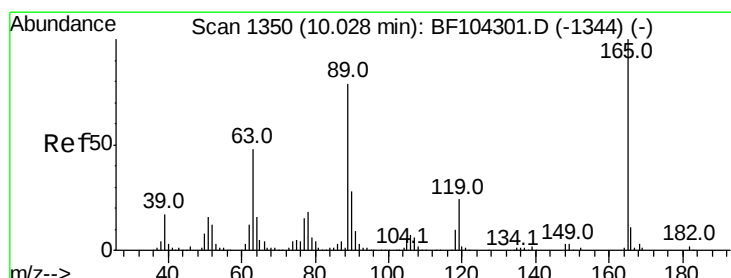
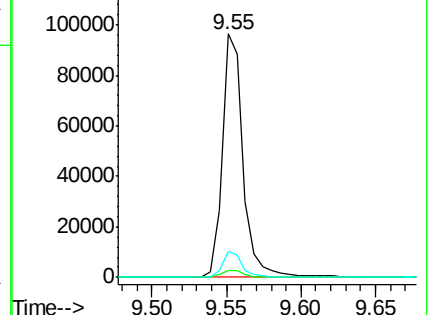
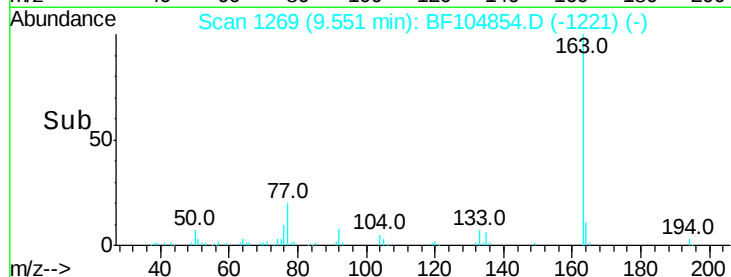
164 10.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.710 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.20 min

Lab File: BF104854.D

Acq: 26 Apr 2018 22:54

Tgt Ion:165 Resp: 19919

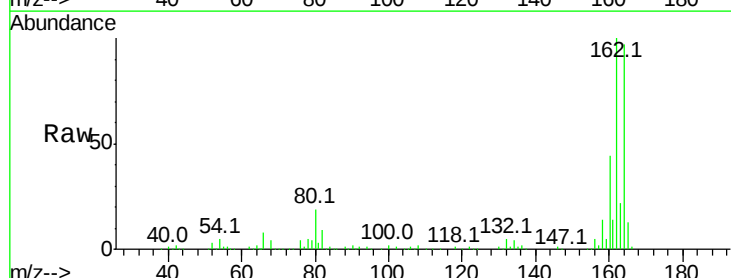
Ion Ratio Lower Upper

165 100

63 1.6 36.4 54.6#

89 1.6 57.8 86.6#

182 0.0 1.6 2.4#

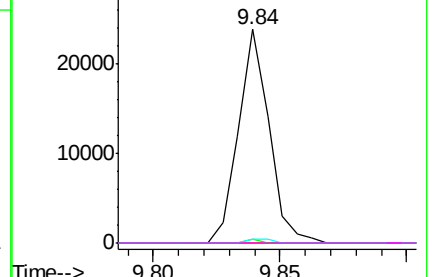
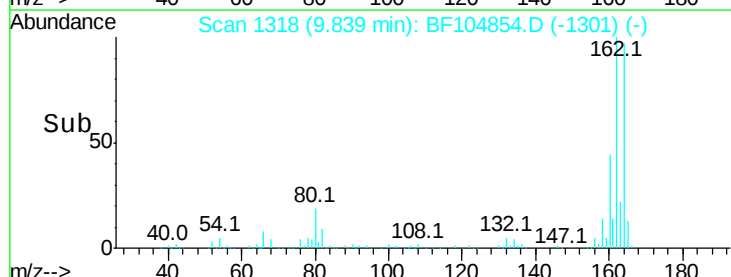


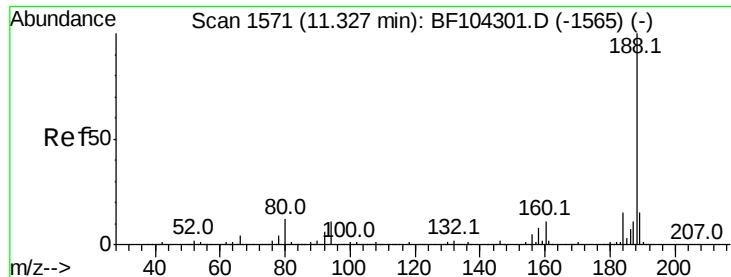
Abundance Ion 165.00 (164.70 to 165.70): E

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

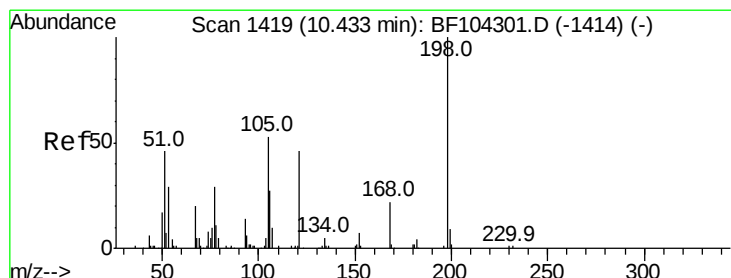
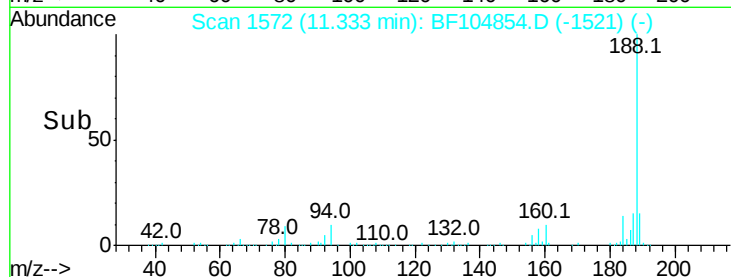
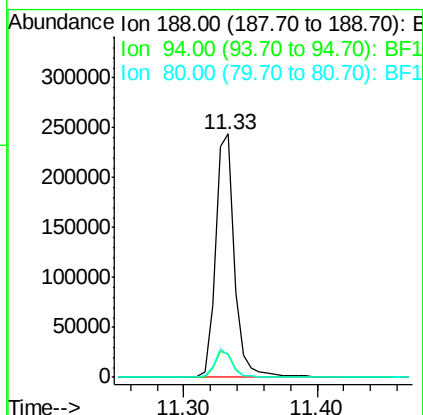
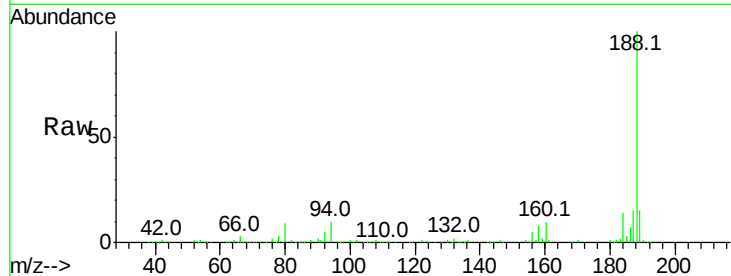




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104854.D
Acq: 26 Apr 2018 22:54

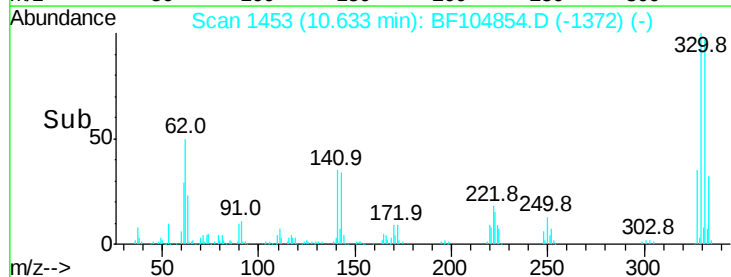
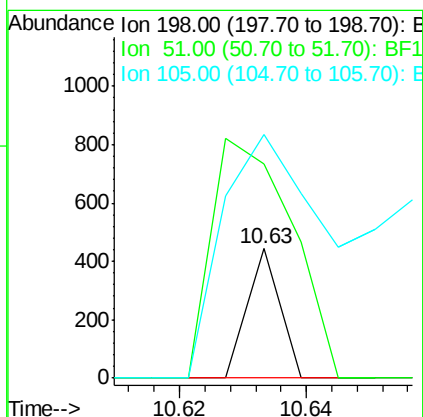
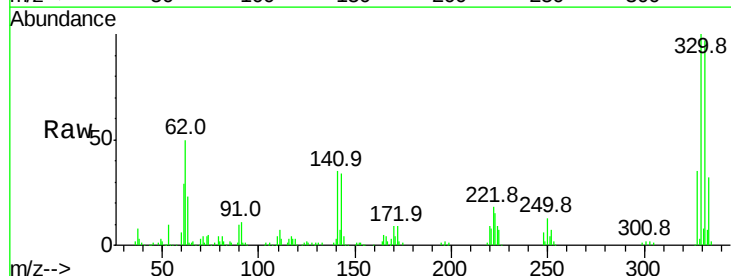
Instrument :
BNA_F
ClientSampleId :

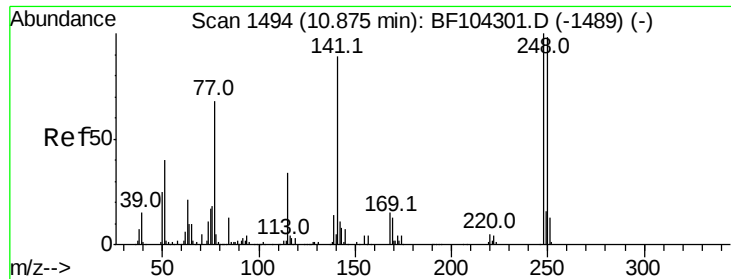
Tot Ion:188 Resp: 243806
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 9.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.459 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104854.D
Acq: 26 Apr 2018 22:54

Tgt Ion:198 Resp: 157
Ion Ratio Lower Upper
198 100
51 164.9 37.7 77.7#
105 187.8 36.3 76.3#

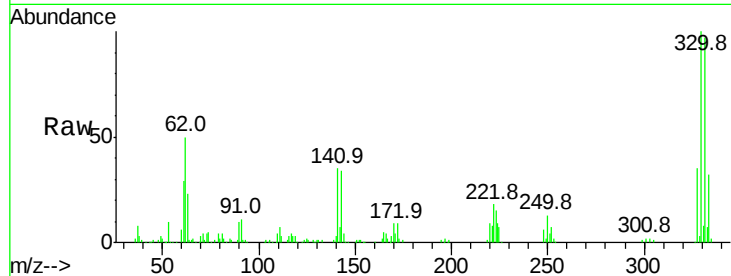




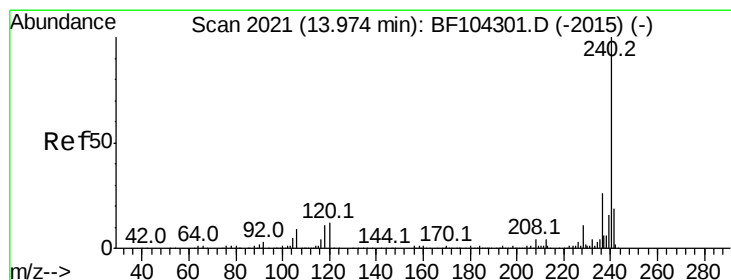
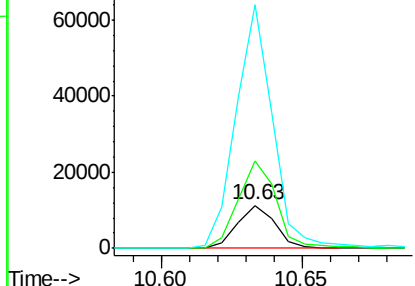
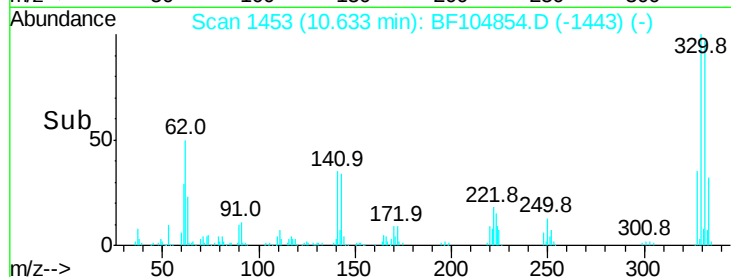
#66
 4-Bromophenyl-phenylether
 Concen: 4.034 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.24 min
 Lab File: BF104854.D
 Acq: 26 Apr 2018 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10462
 Ion Ratio Lower Upper
 248 100
 250 202.0 76.9 115.3#
 141 562.8 74.4 111.6#

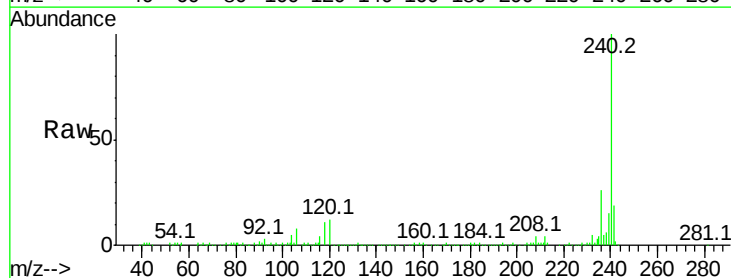


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

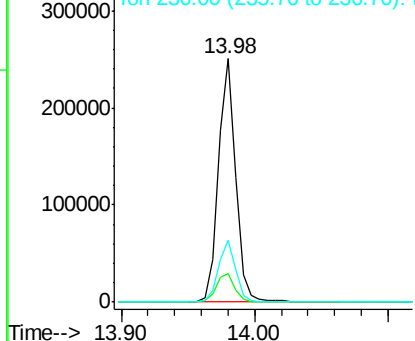
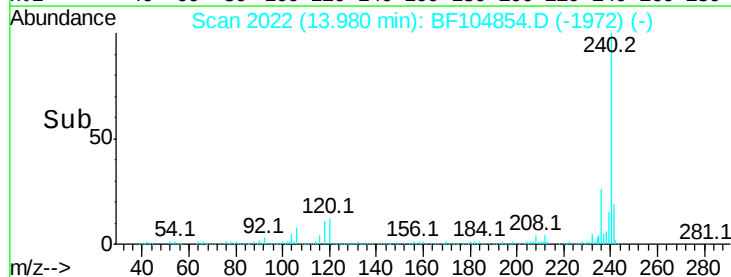


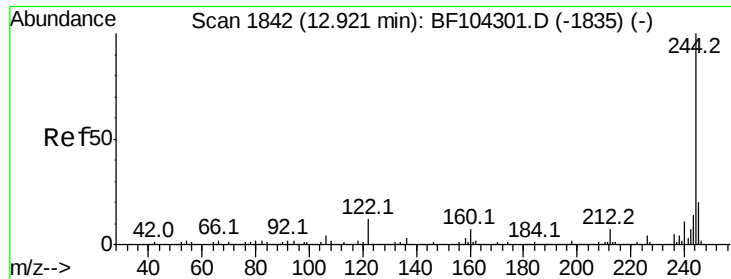
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF104854.D
 Acq: 26 Apr 2018 22:54

Tgt Ion:240 Resp: 229906
 Ion Ratio Lower Upper
 240 100
 120 11.8 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: 71.963 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104854.D

Acq: 26 Apr 2018 22:54

Instrument :

BNA_F

ClientSampleId :

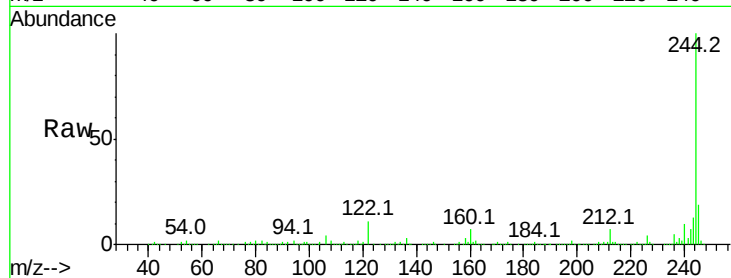
Tot Ion:244 Resp: 725700

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

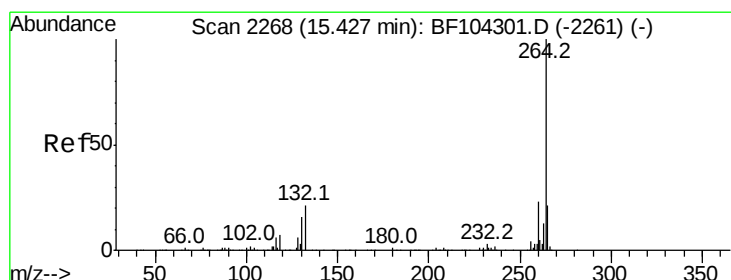
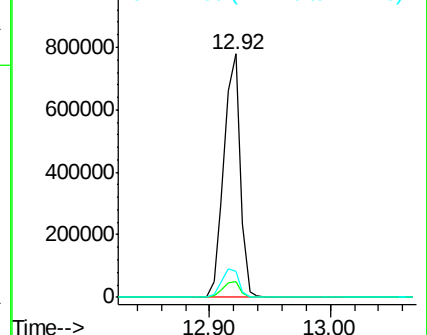
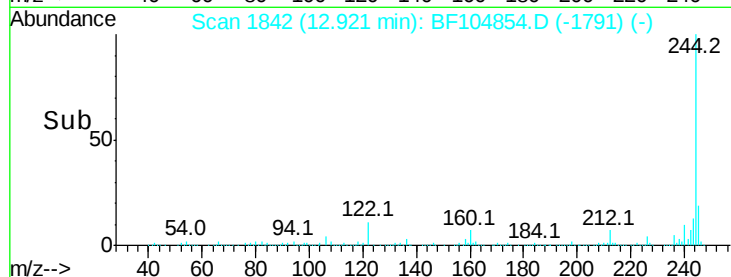
122 10.9 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.02 min

Lab File: BF104854.D

Acq: 26 Apr 2018 22:54

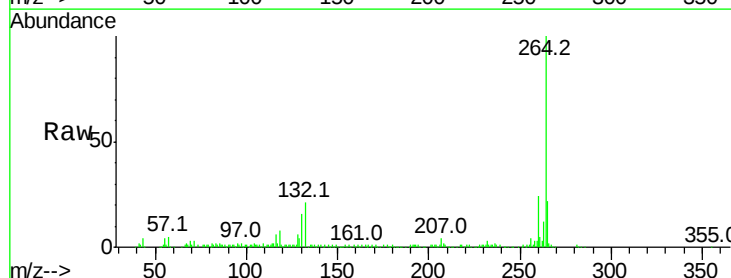
Tgt Ion:264 Resp: 155028

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.4 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

