

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104847.D
 Acq On : 26 Apr 2018 19:47
 Operator : JU/SJ
 Sample : J2156-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 07:37:41 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

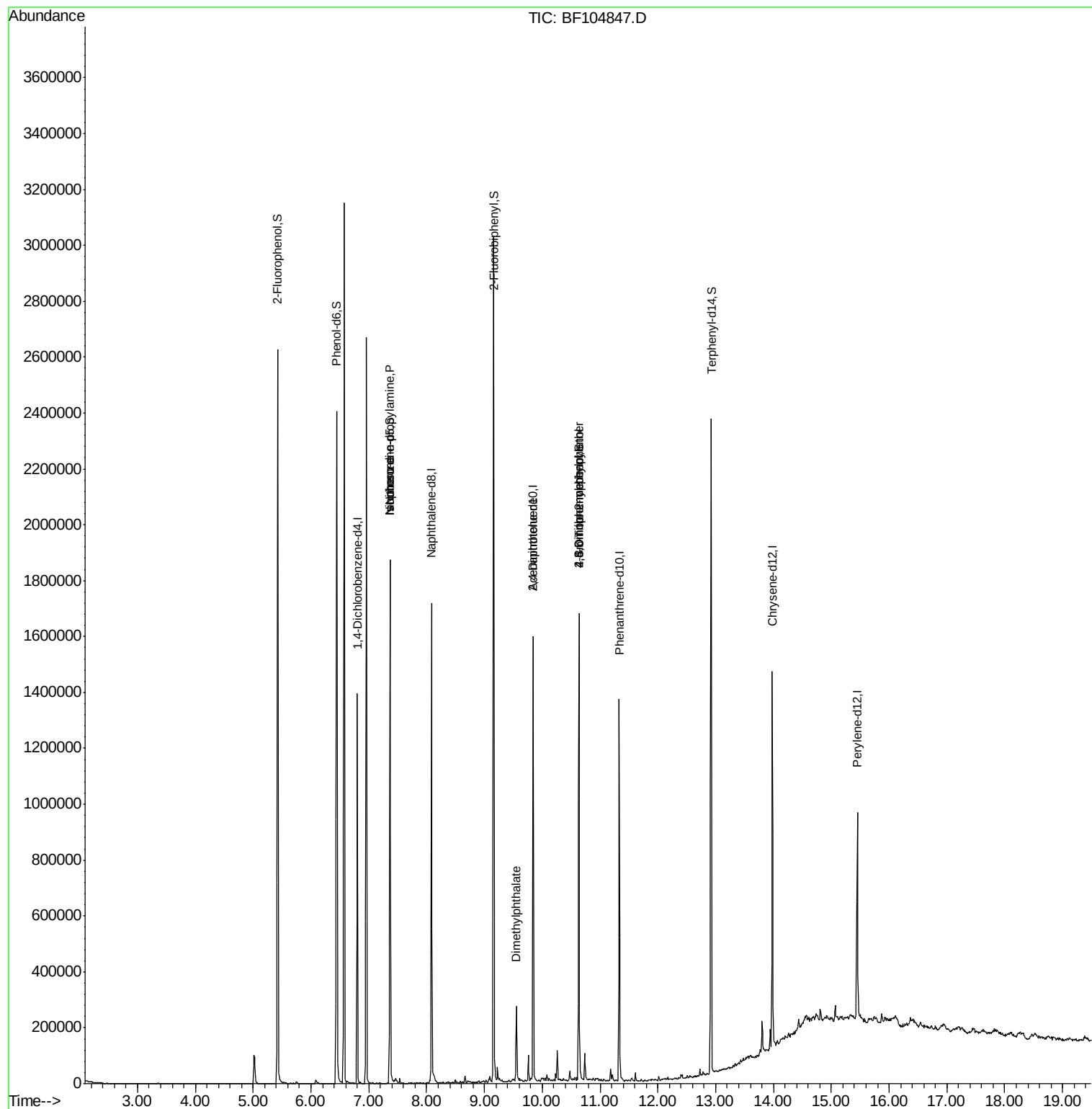
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	208791	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	804200	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	313197	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	494296	20.00	ng	0.00
75) Chrysene-d12	13.98	240	449649	20.00	ng	0.00
86) Perylene-d12	15.45	264	341609	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	888169	65.04	ng	0.00
7) Phenol-d6	6.45	99	1076814	64.18	ng	0.00
23) Nitrobenzene-d5	7.37	82	649254	52.72	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	209732	64.56	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1011753	51.03	ng	0.00
78) Terphenyl-d14	12.92	244	803570	40.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	85030	7.756	ng	# 70
25) Isophorone	7.37	82	649247	24.929	ng	# 64
49) Dimethylphthalate	9.55	163	105849	4.286	ng	# 99
56) 2,4-Dinitrotoluene	9.84	165	40190	6.704	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	354	7.472	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	12673	2.410	ng	# 1
76) Benzidine	12.92	184	10633	Below Cal		# 92

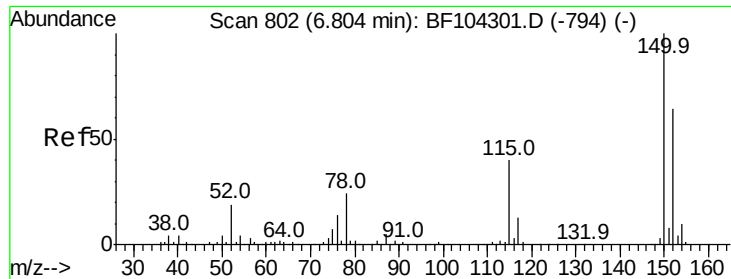
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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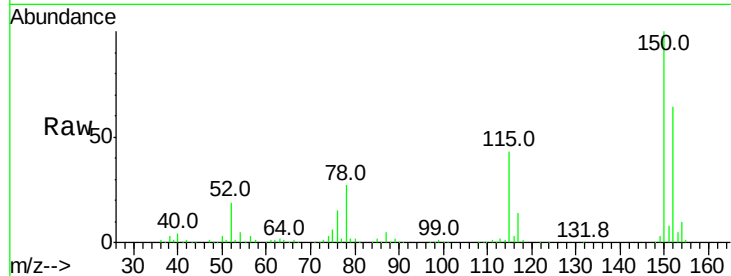


#1

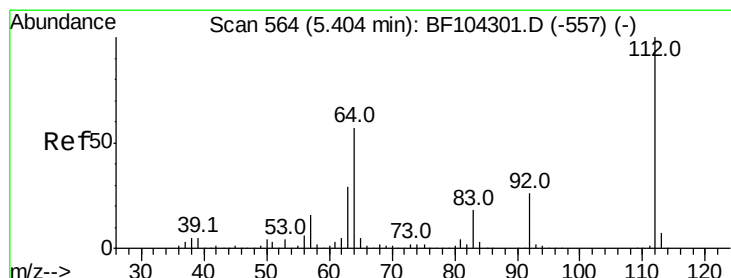
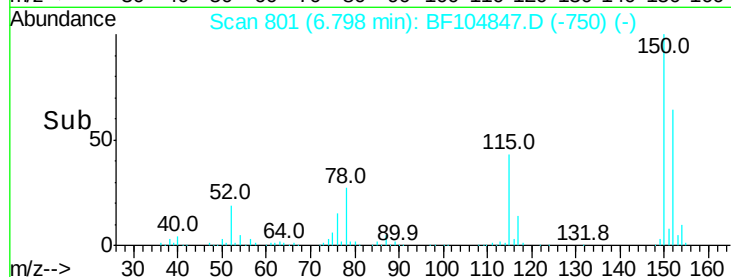
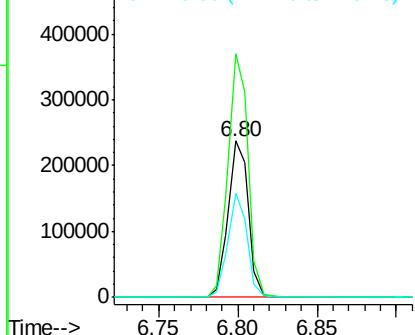
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104847.D
Acq: 26 Apr 2018 19:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 208791
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 66.3 50.1 75.1



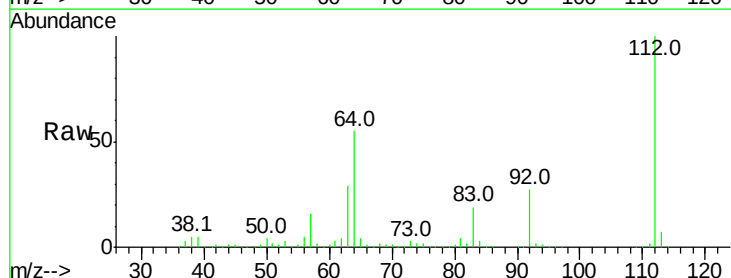
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



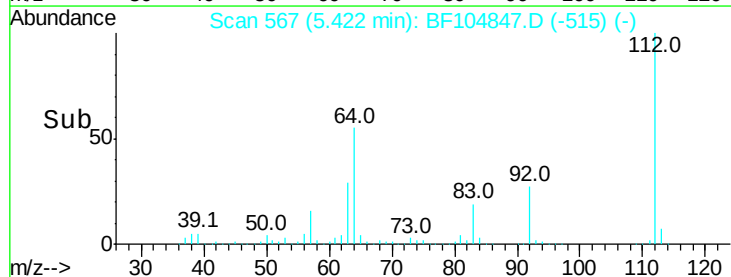
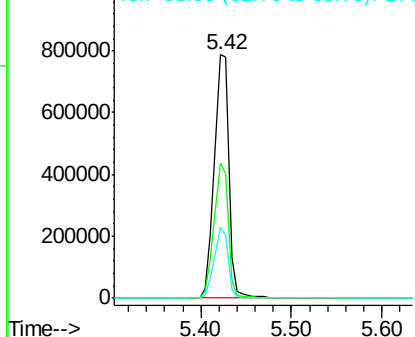
#5

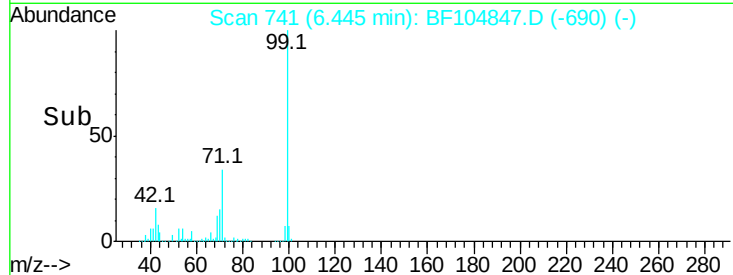
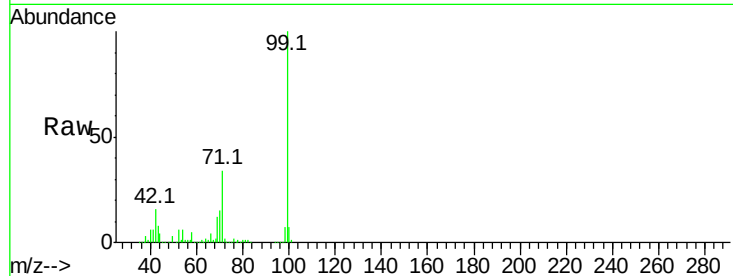
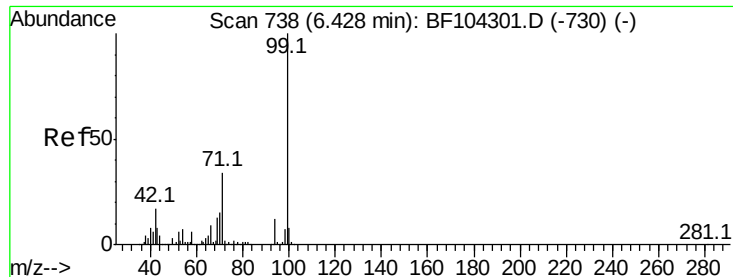
2-Fluorophenol
Concen: 65.044 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104847.D
Acq: 26 Apr 2018 19:47

Tgt Ion:112 Resp: 888169
Ion Ratio Lower Upper
112 100
64 55.4 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: 64.182 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104847.D

Acq: 26 Apr 2018 19:47

Instrument :

BNA_F

ClientSampled :

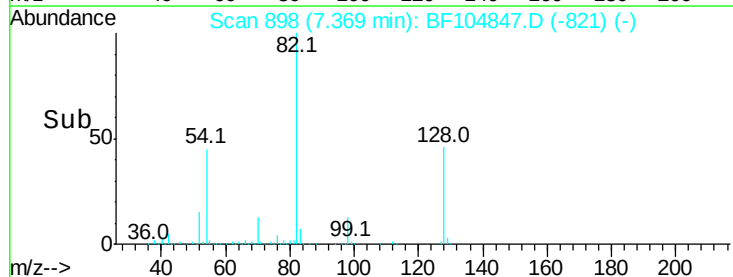
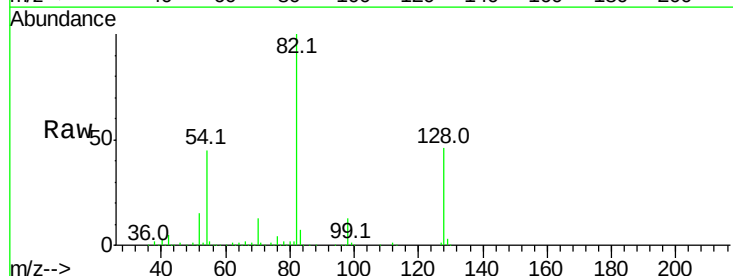
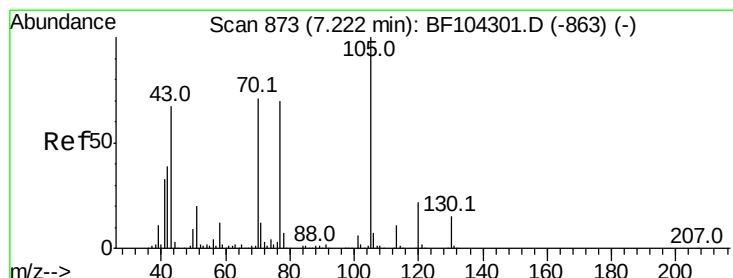
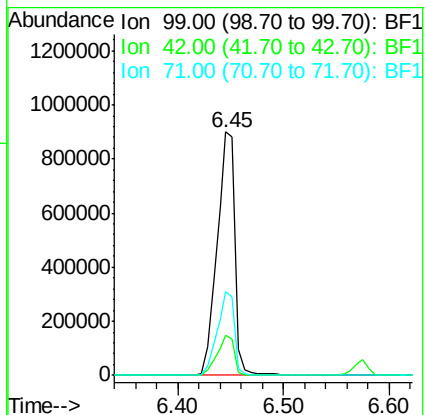
Tot Ion: 99 Resp: 1076814

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

71 34.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 7.756 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104847.D

Acq: 26 Apr 2018 19:47

Tgt Ion: 70 Resp: 85030

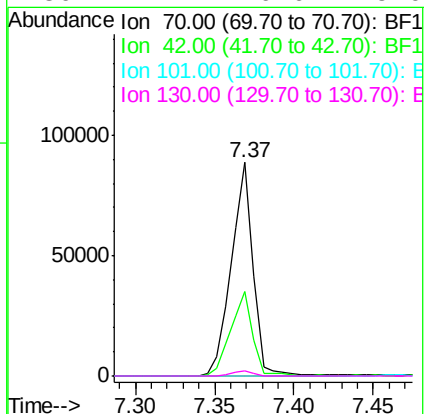
Ion Ratio Lower Upper

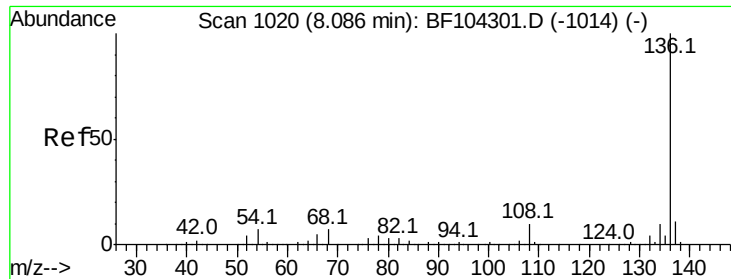
70 100

42 39.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

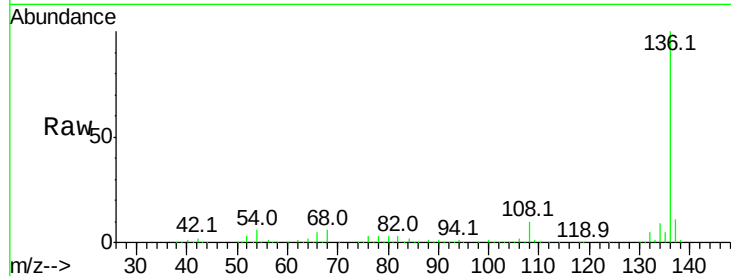




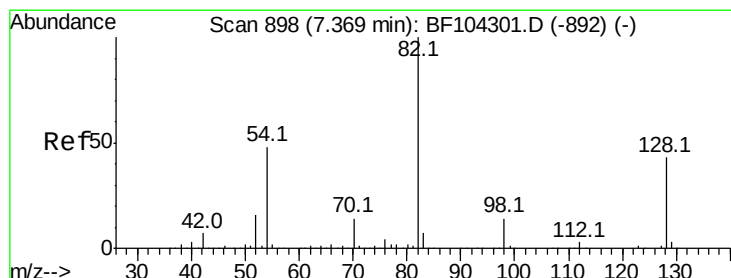
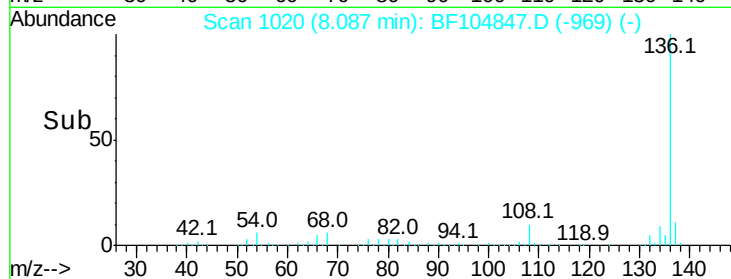
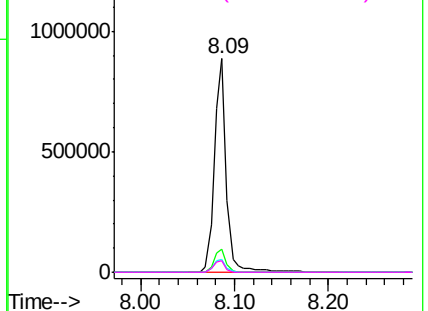
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104847.D
Acq: 26 Apr 2018 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	804200
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.2	6.6	9.8#
68	5.6	5.0	7.4

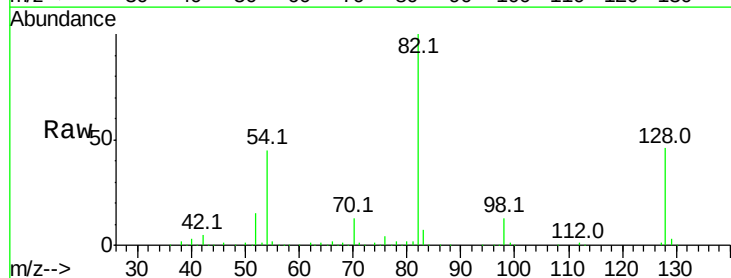


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

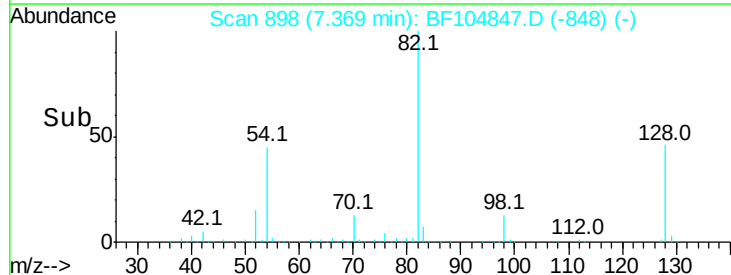
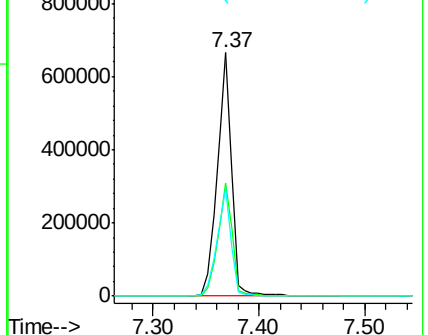


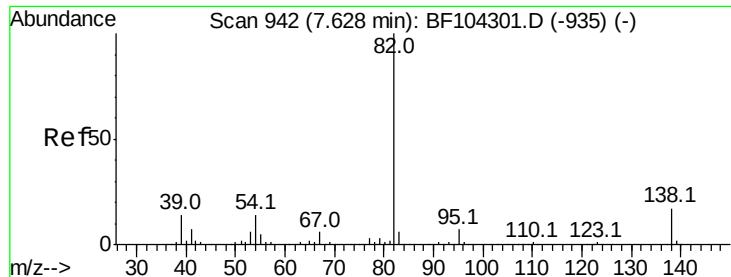
#23
Nitrobenzene-d5
Concen: 52.717 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104847.D
Acq: 26 Apr 2018 19:47

Tgt Ion:	82	Resp:	649254
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	44.5	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: 24.929 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104847.D

Acq: 26 Apr 2018 19:47

Instrument :

BNA_F

ClientSampleId :

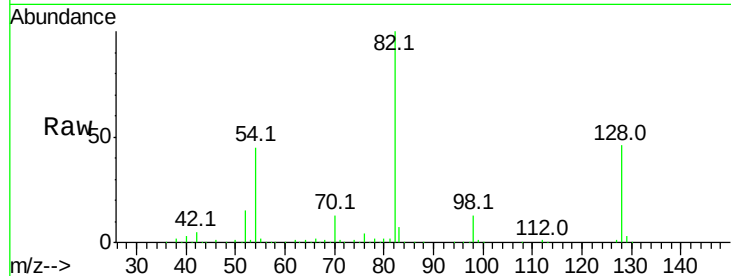
Tot Ion: 82 Resp: 649247

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

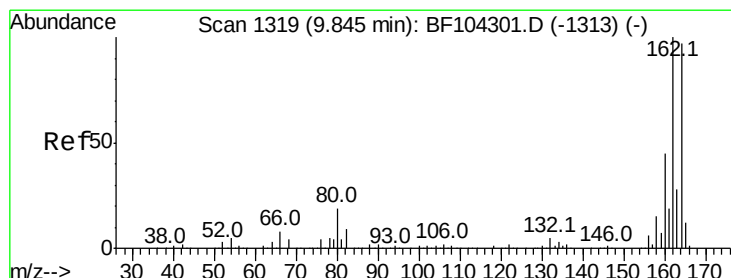
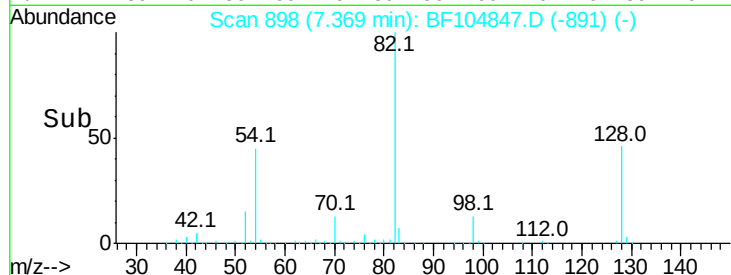
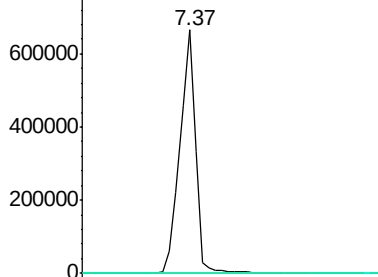
138 0.0 14.9 22.3#



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: BF104847.D

Acq: 26 Apr 2018 19:47

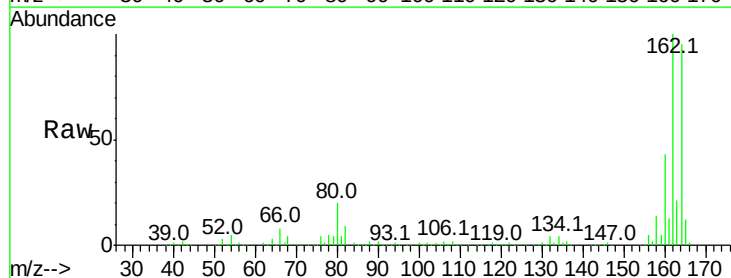
Tgt Ion:164 Resp: 313197

Ion Ratio Lower Upper

164 100

162 105.6 86.1 129.1

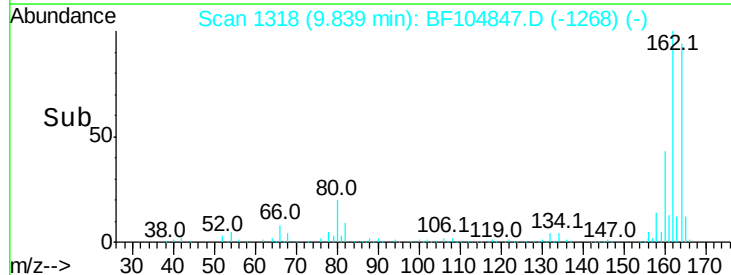
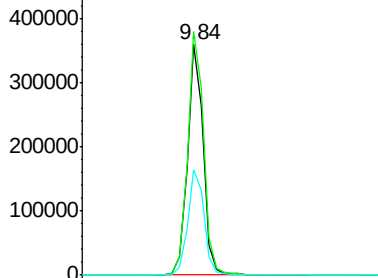
160 45.8 38.3 57.5

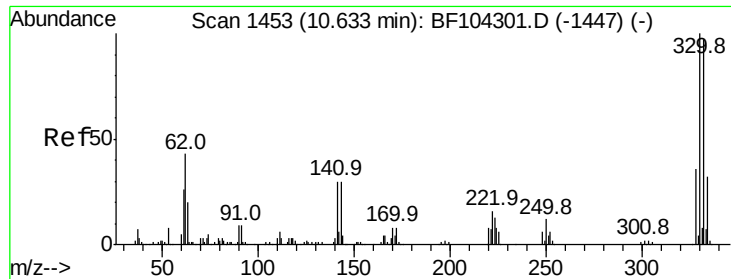


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

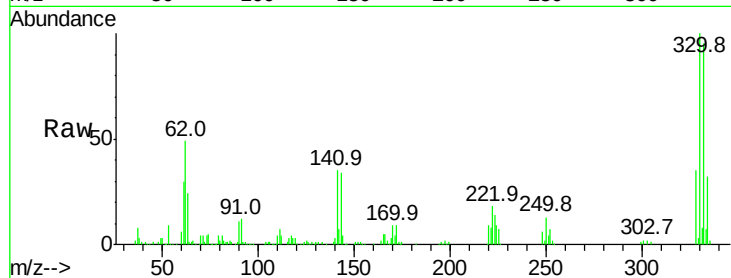




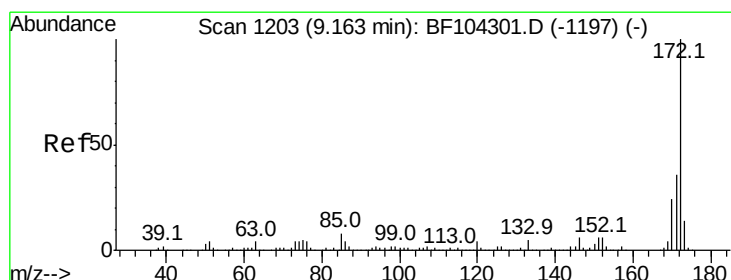
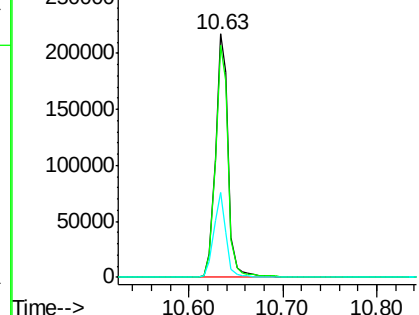
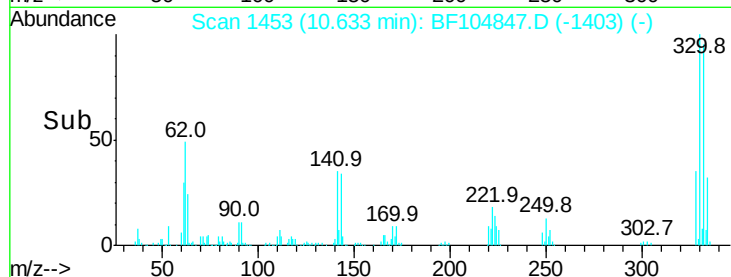
#41
 2,4,6-Tribromophenol
 Concen: 64.555 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104847.D
 Acq: 26 Apr 2018 19:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	33.3	29.9	44.9

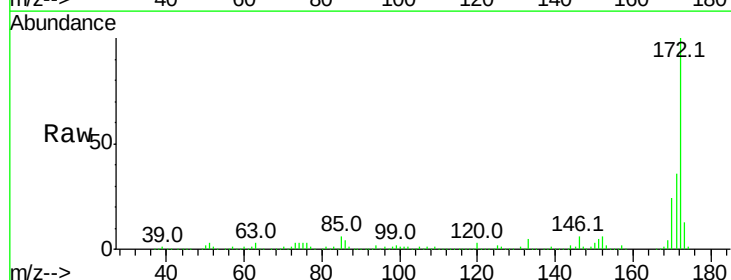


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

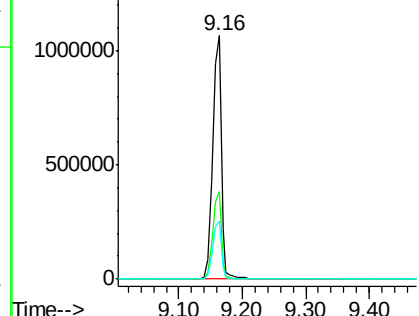
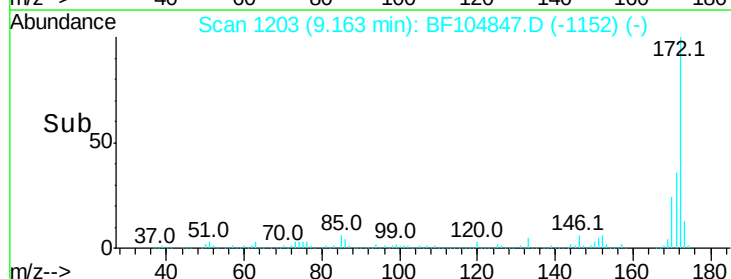


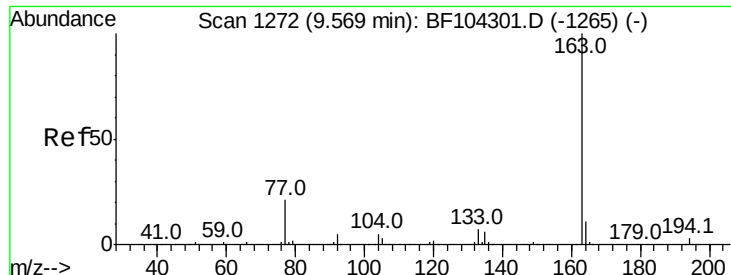
#44
 2-Fluorobiphenyl
 Concen: 51.032 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104847.D
 Acq: 26 Apr 2018 19:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.7	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

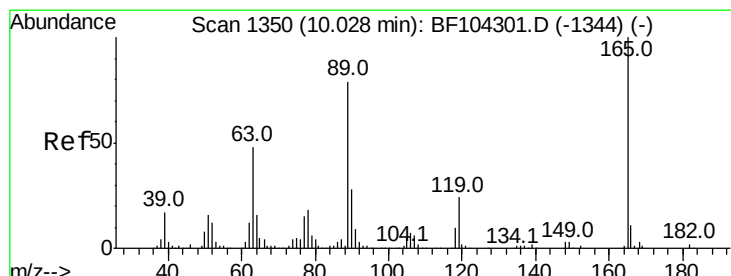
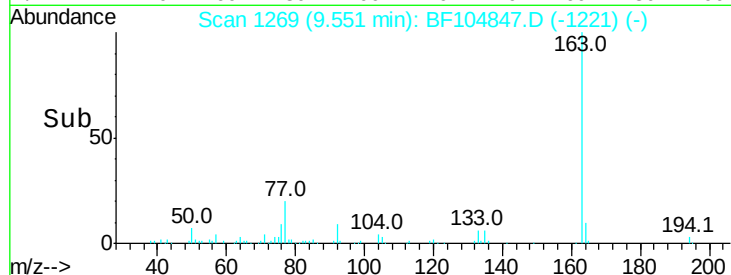
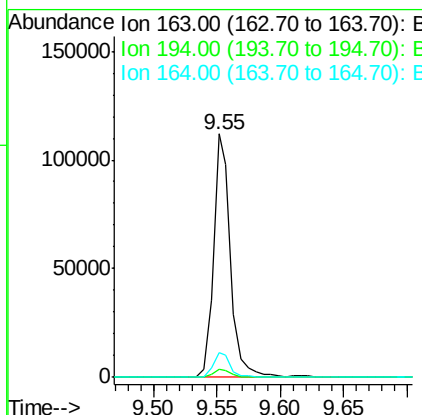
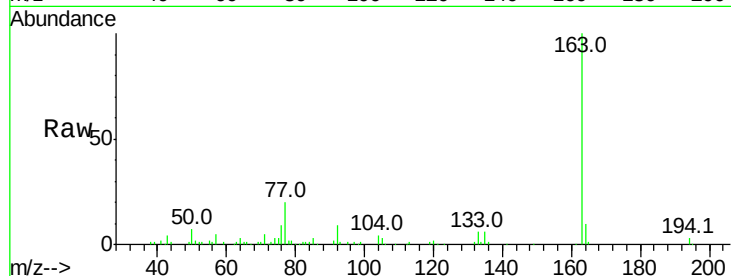




#49
Dimethylphthalate
Concen: 4.286 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104847.D
Acq: 26 Apr 2018 19:47

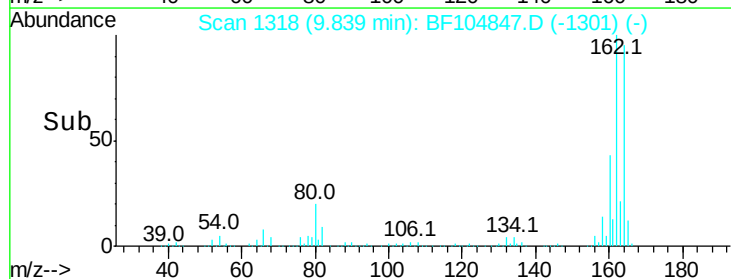
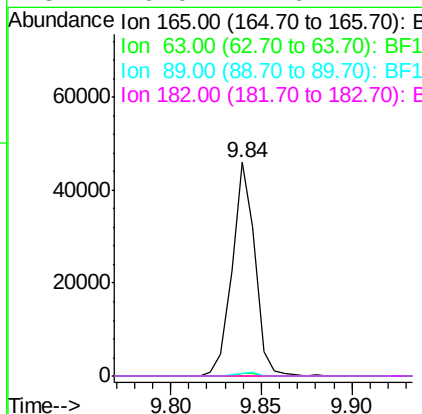
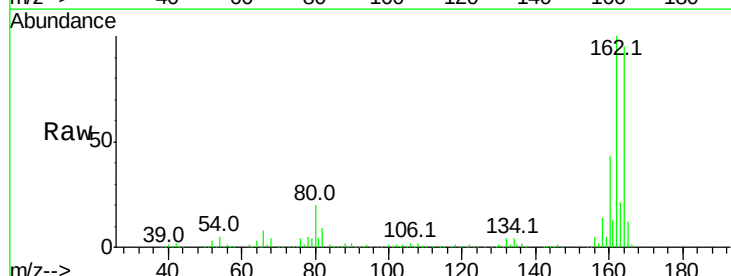
Instrument :
BNA_F
ClientSampled :

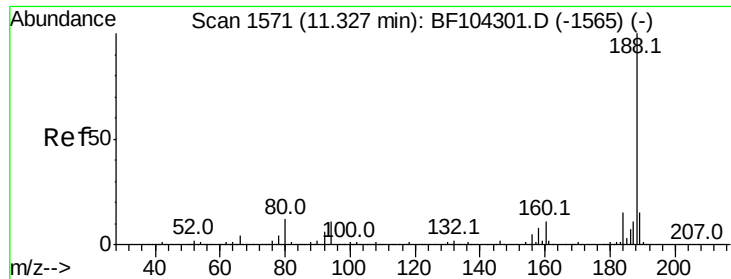
Tot Ion:163 Resp: 105849
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.9 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.704 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.20 min
Lab File: BF104847.D
Acq: 26 Apr 2018 19:47

Tgt Ion:165 Resp: 40190
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#

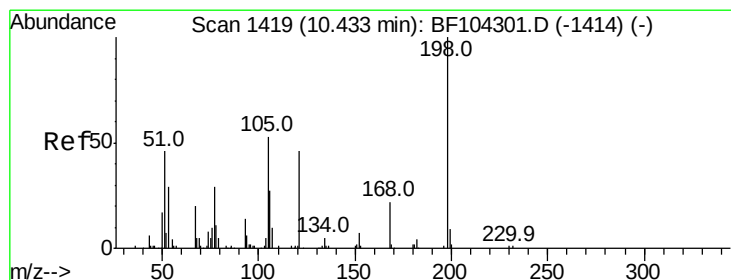
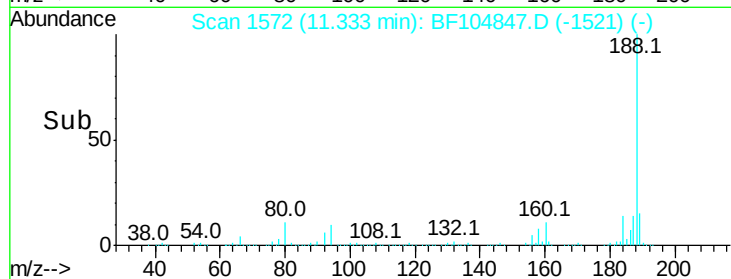
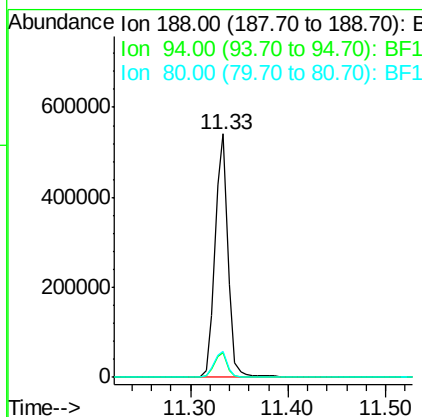
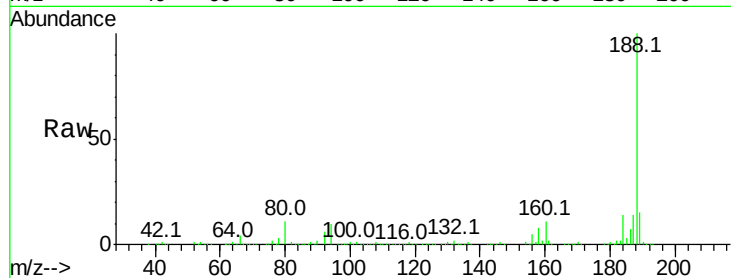




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF104847.D
 Acq: 26 Apr 2018 19:47

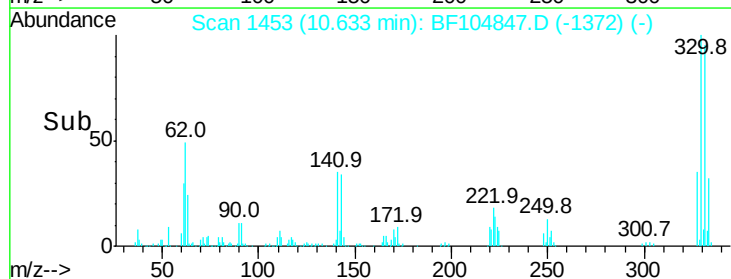
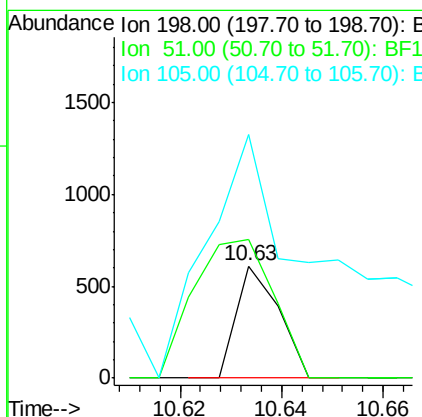
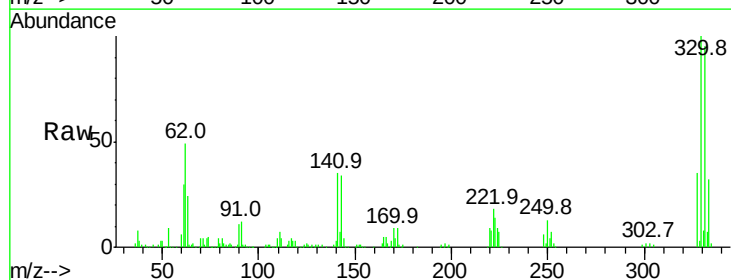
Instrument :
 BNA_F
 ClientSampleId :

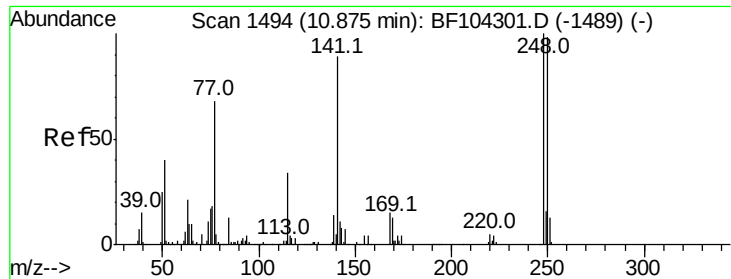
Tot Ion:188 Resp: 494296
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.5 12.7
 80 10.7 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.472 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.18 min
 Lab File: BF104847.D
 Acq: 26 Apr 2018 19:47

Tgt Ion:198 Resp: 354
 Ion Ratio Lower Upper
 198 100
 51 123.3 37.7 77.7#
 105 217.4 36.3 76.3#

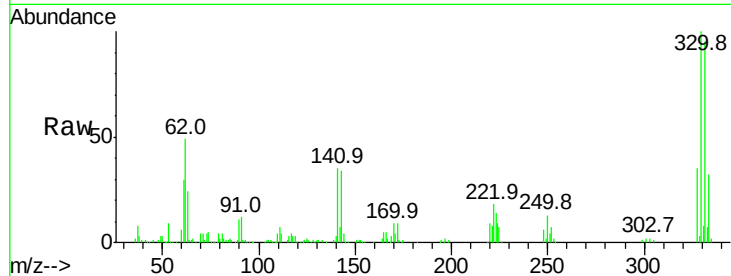




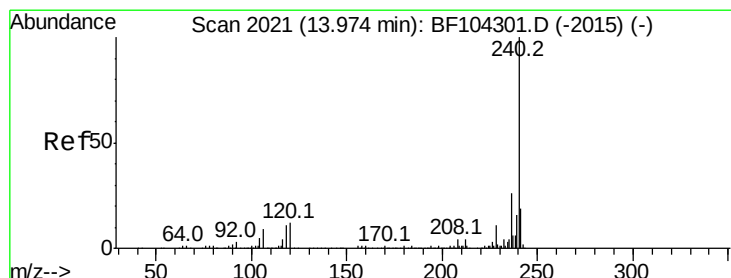
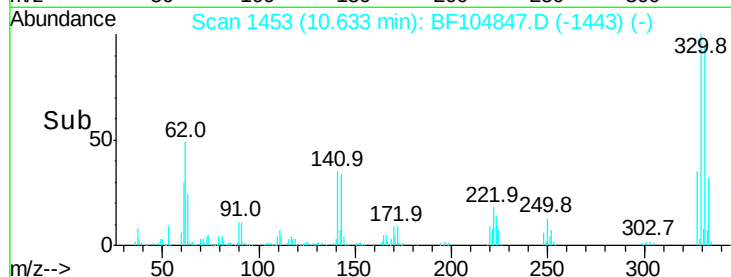
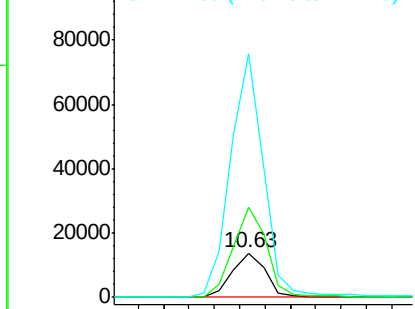
#66
 4-Bromophenyl-phenylether
 Concen: 2.410 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.24 min
 Lab File: BF104847.D
 Acq: 26 Apr 2018 19:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 12673
 Ion Ratio Lower Upper
 248 100
 250 203.3 76.9 115.3#
 141 550.4 74.4 111.6#

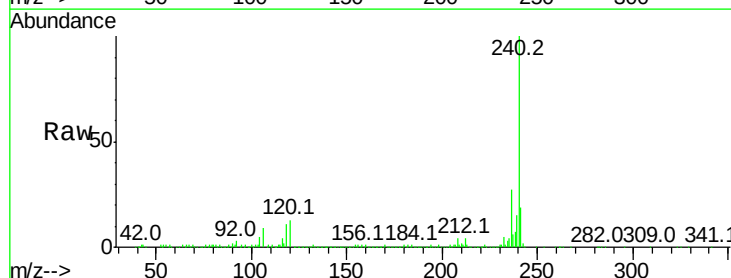


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

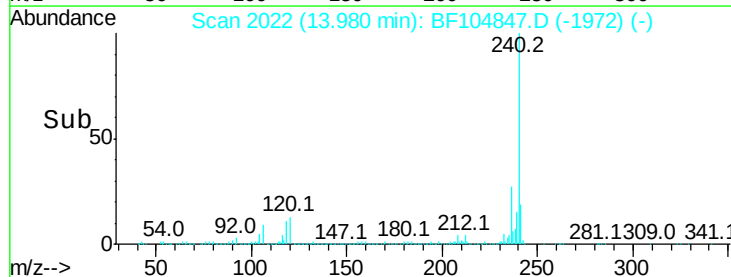
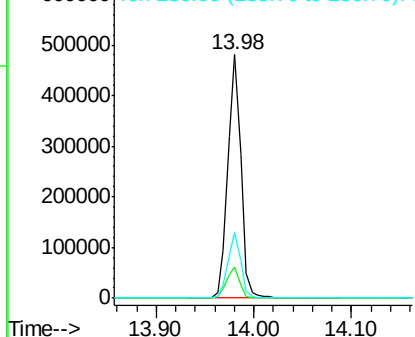


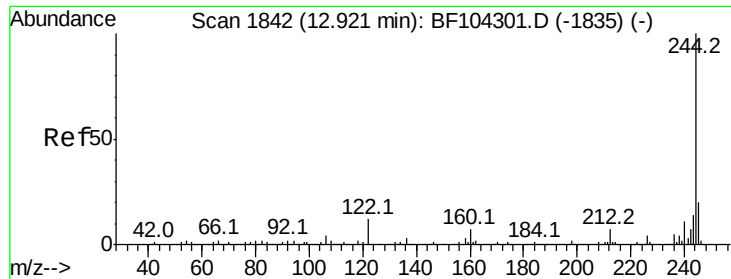
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF104847.D
 Acq: 26 Apr 2018 19:47

Tgt Ion:240 Resp: 449649
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.5 14.3
 236 26.9 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

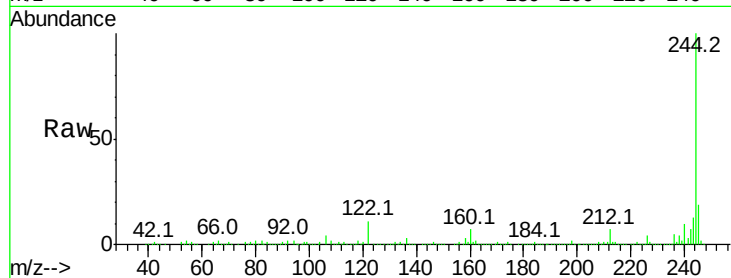




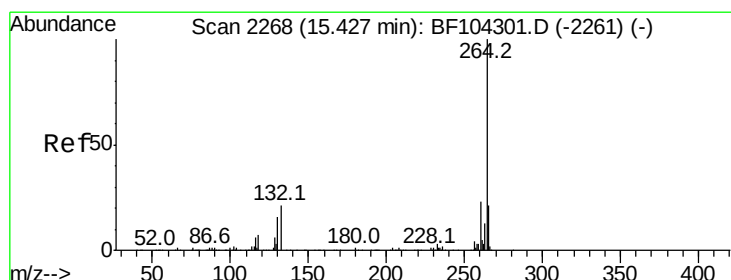
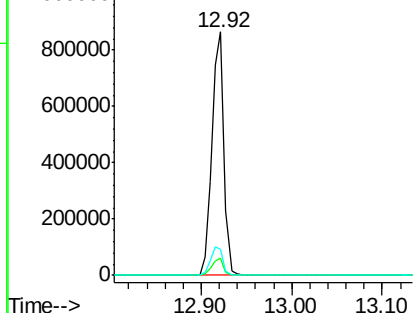
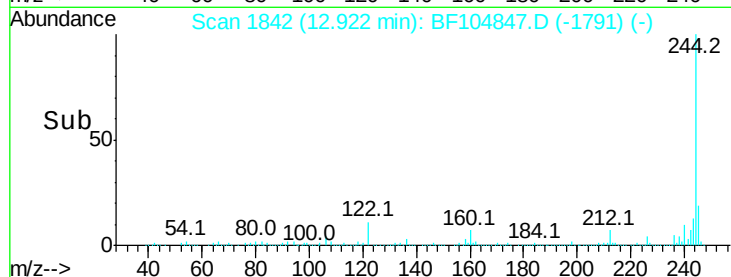
#78
 Terphenyl-d14
 Concen: 40.743 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF104847.D
 Acq: 26 Apr 2018 19:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 803570
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.8 11.0 16.4#

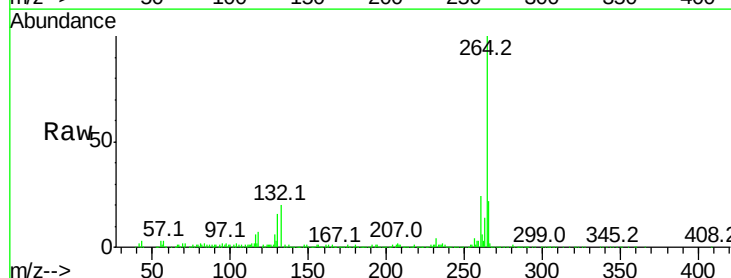


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF104847.D
 Acq: 26 Apr 2018 19:47

Tgt Ion:264 Resp: 341609
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.6 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

