

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104343.D
 Acq On : 7 Apr 2018 8:05
 Operator : JU/SJ
 Sample : J2225-18
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 09 00:48:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

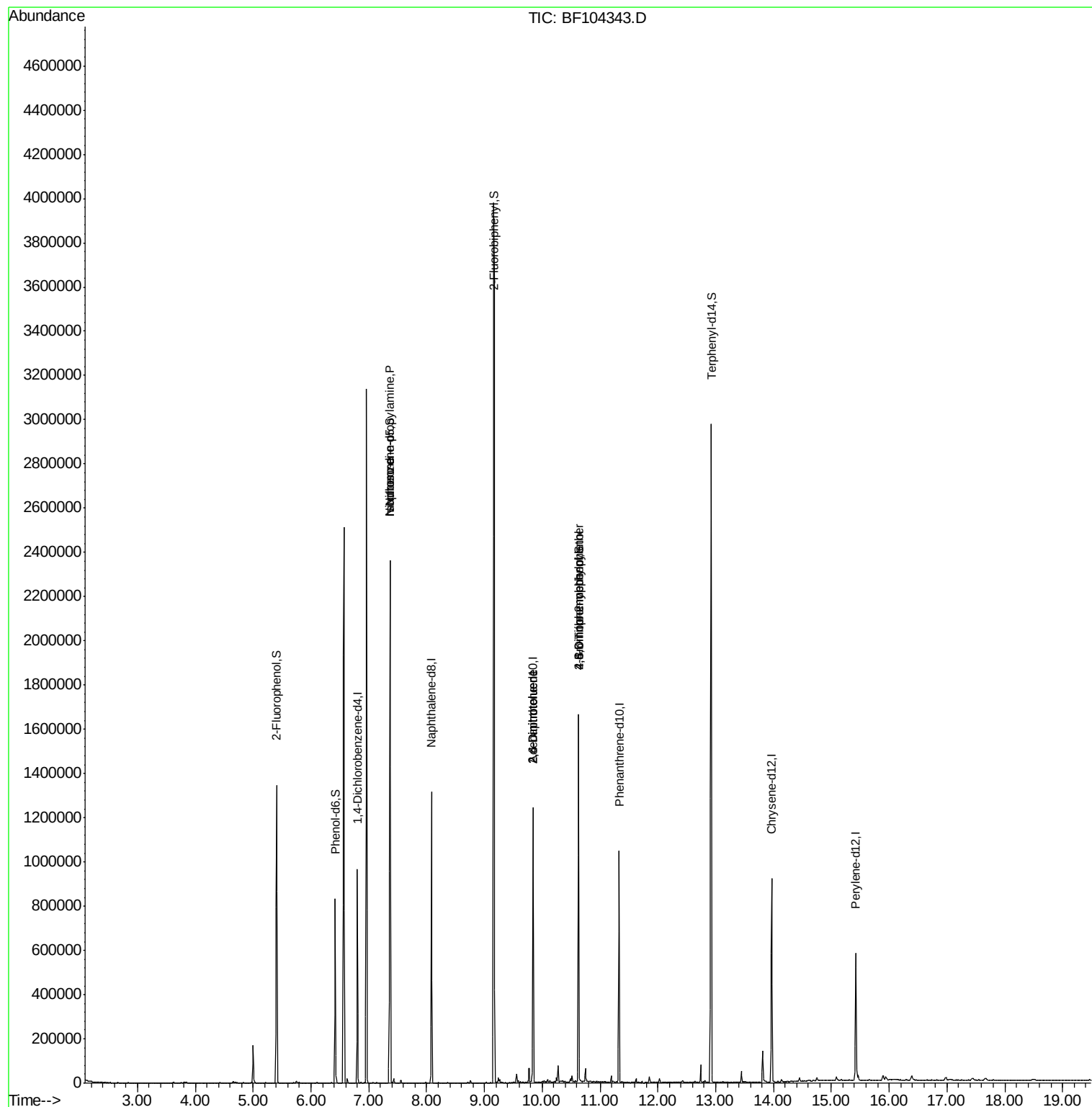
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	137909	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	545576	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	233003	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	336547	20.00	ng	0.00
75) Chrysene-d12	13.97	240	276258	20.00	ng	0.00
86) Perylene-d12	15.42	264	249481	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	362072	40.14	ng	0.00
7) Phenol-d6	6.42	99	270264	24.39	ng	-0.01
23) Nitrobenzene-d5	7.37	82	865901	103.64	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	188676	78.06	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1413444	95.83	ng	0.00
78) Terphenyl-d14	12.92	244	1028710	84.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	113621	15.690	ng	# 75
25) Isophorone	7.37	82	865380	48.980	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	29428	8.656	ng	# 25
56) 2,4-Dinitrotoluene	9.84	165	29428	6.599	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	339	7.522	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	11490	3.210	ng	# 1
76) Benzidine	12.92	184	13494	Below Cal		95

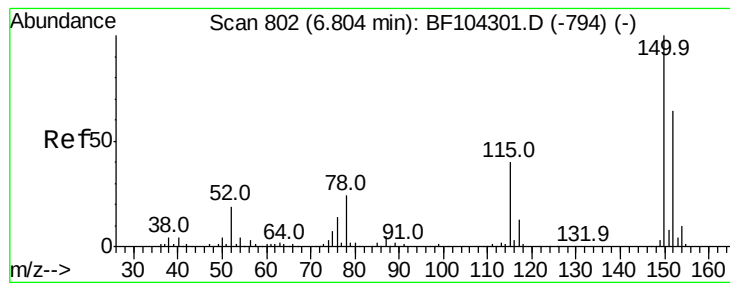
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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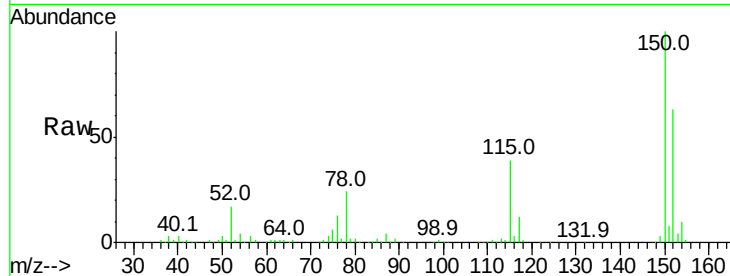


#1

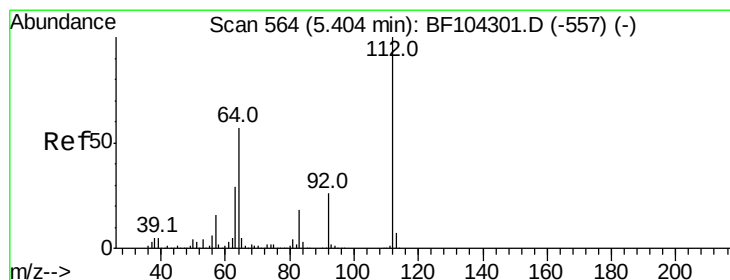
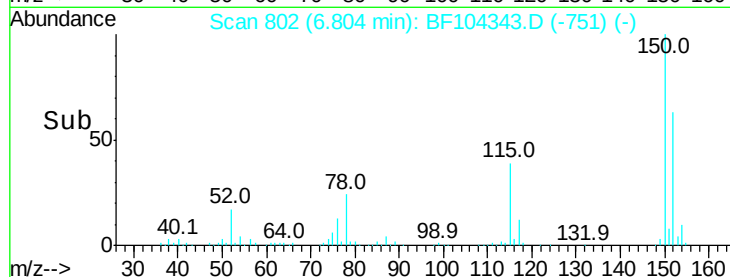
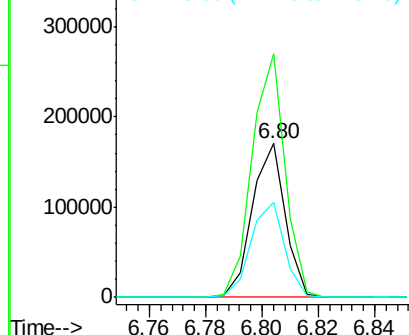
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104343.D
Acq: 7 Apr 2018 8:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137909
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 61.7 50.1 75.1



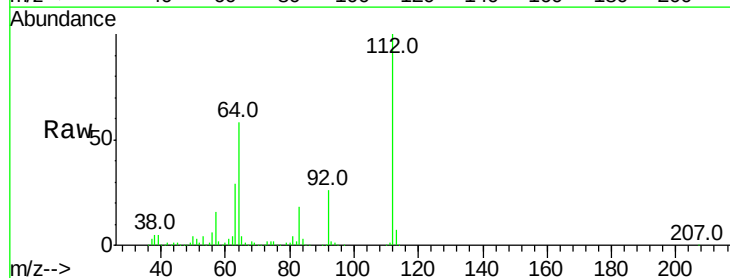
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



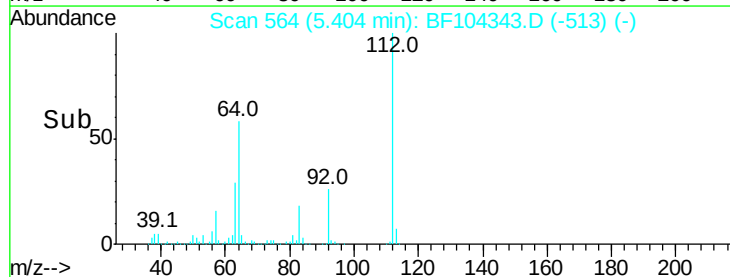
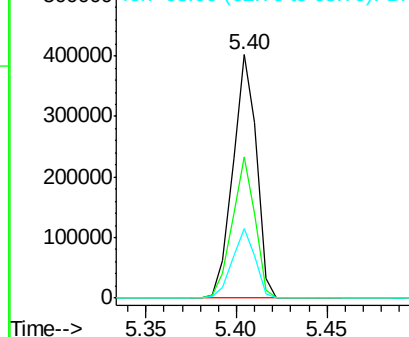
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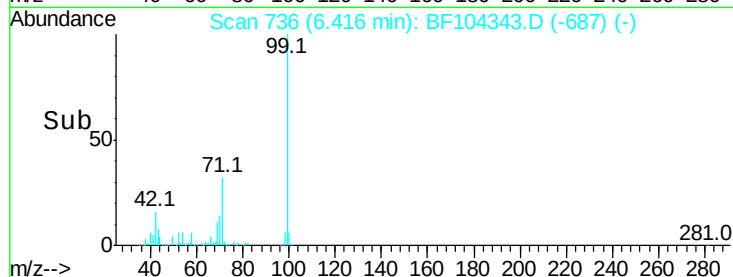
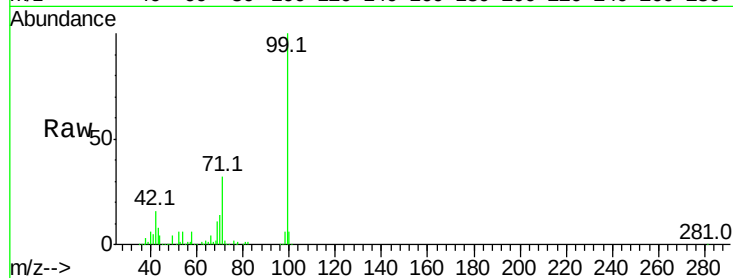
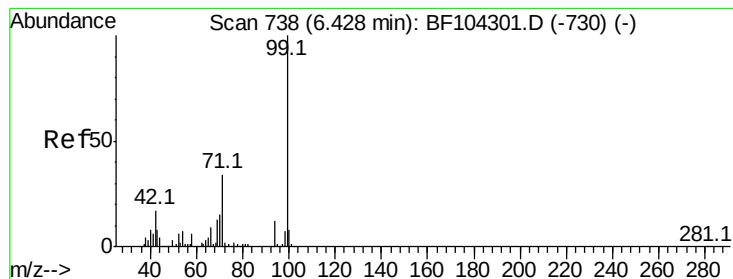
2-Fluorophenol
Concen: 40.144 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF104343.D
Acq: 7 Apr 2018 8:05

Tgt Ion:112 Resp: 362072
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 28.7 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: 24.388 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF104343.D

Acq: 7 Apr 2018 8:05

Instrument :

BNA_F

ClientSampleId :

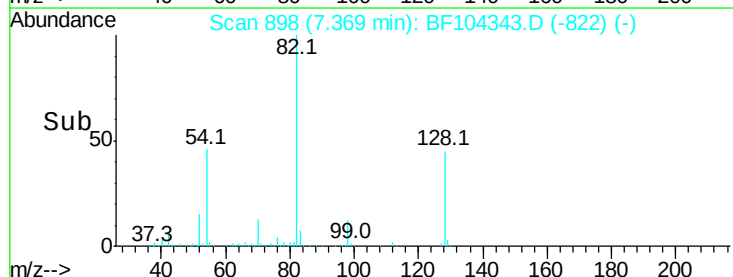
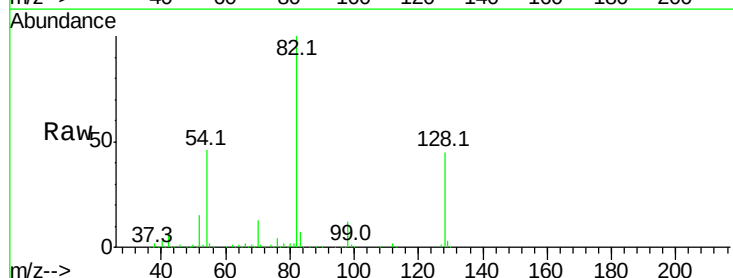
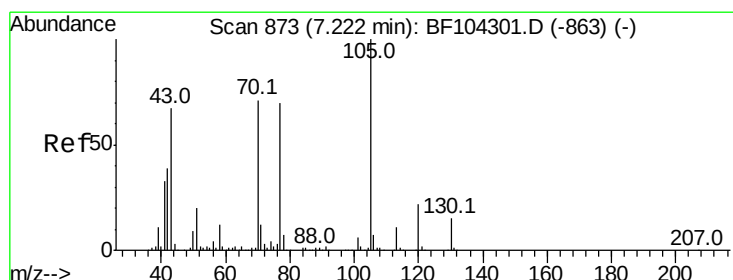
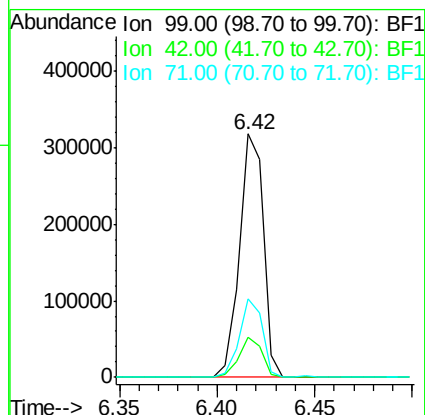
Tot Ion: 99 Resp: 270264

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

71 32.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.690 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104343.D

Acq: 7 Apr 2018 8:05

Tgt Ion: 70 Resp: 113621

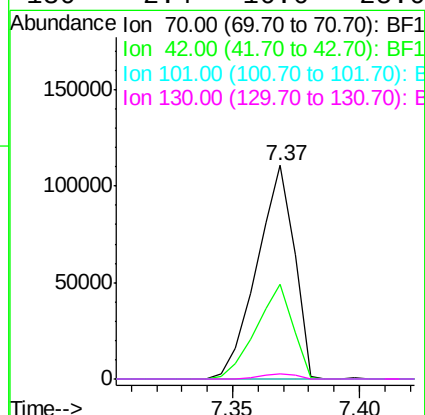
Ion Ratio Lower Upper

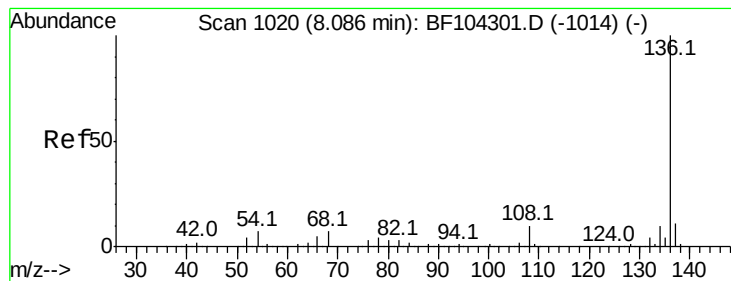
70 100

42 44.4 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. -0.00 min

Lab File: BF104343.D

Acq: 7 Apr 2018 8:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 545576

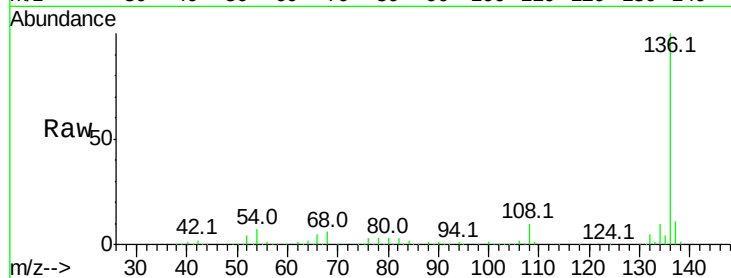
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.9 6.6 9.8

68 6.2 5.0 7.4

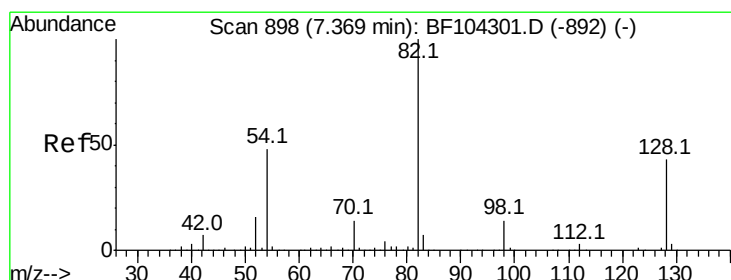
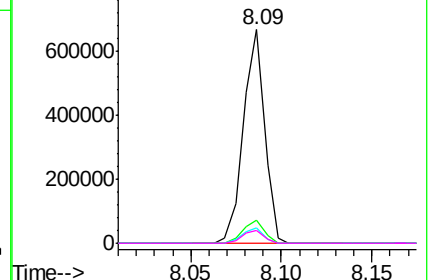
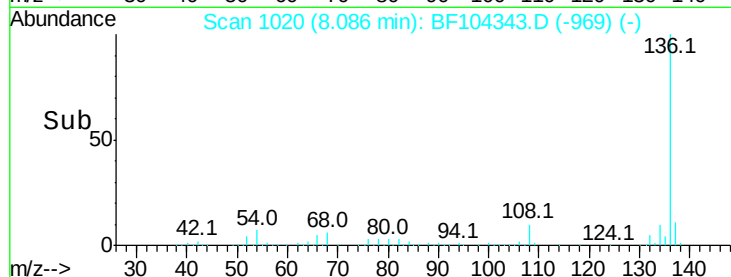


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.637 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF104343.D

Acq: 7 Apr 2018 8:05

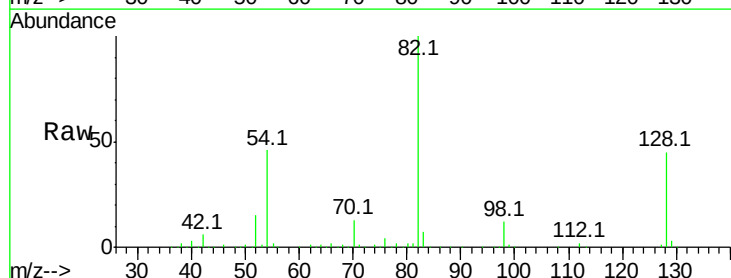
Tgt Ion: 82 Resp: 865901

Ion Ratio Lower Upper

82 100

128 44.8 36.1 54.1

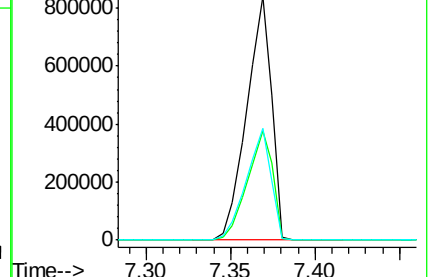
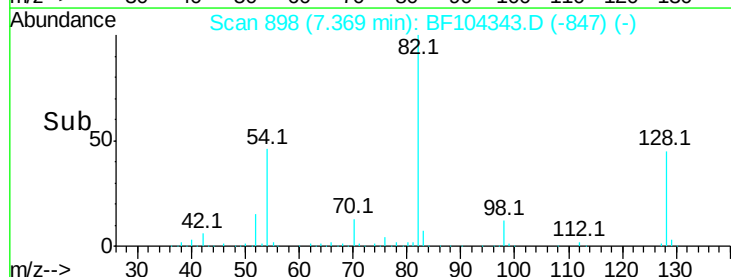
54 45.7 41.4 62.2

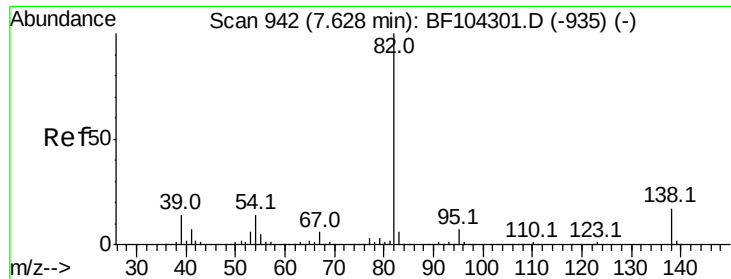


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.980 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104343.D

Acq: 7 Apr 2018 8:05

Instrument :

BNA_F

ClientSampleId :

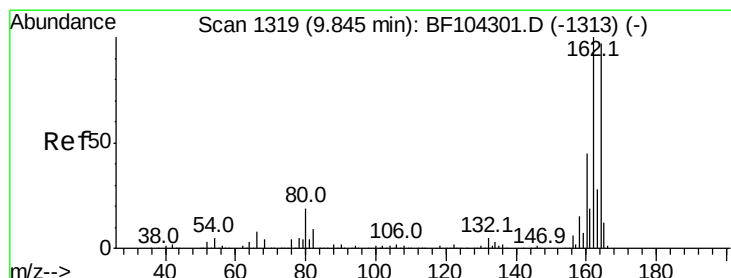
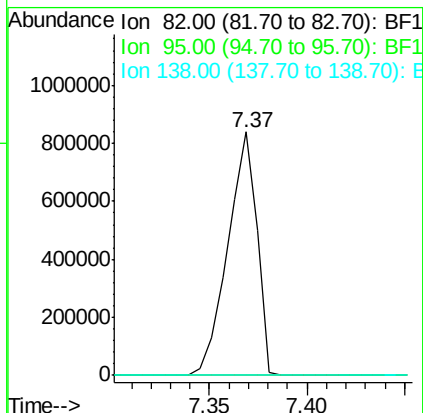
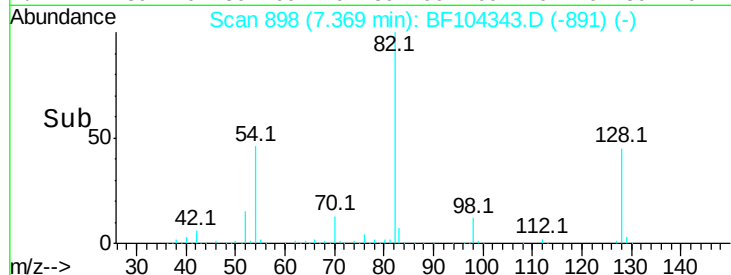
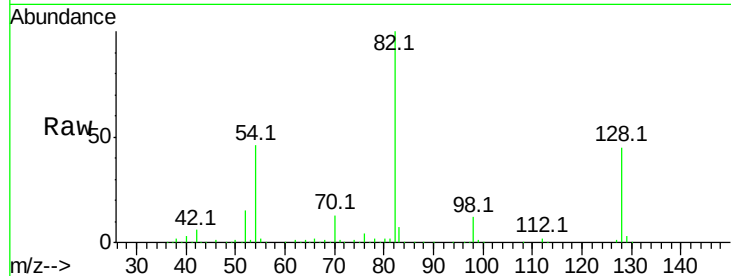
Tot Ion: 82 Resp: 865380

Ion Ratio Lower Upper

82 100

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: BF104343.D

Acq: 7 Apr 2018 8:05

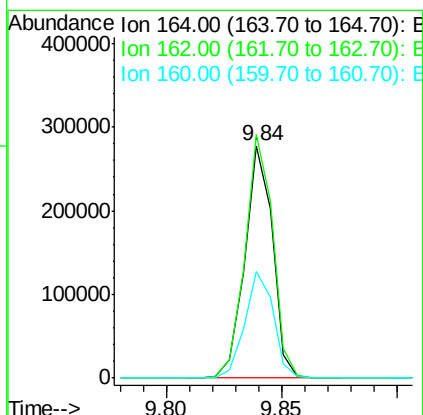
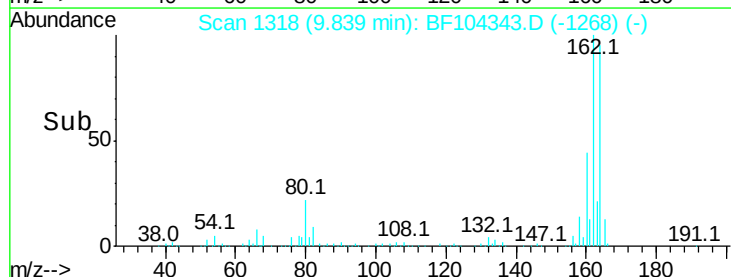
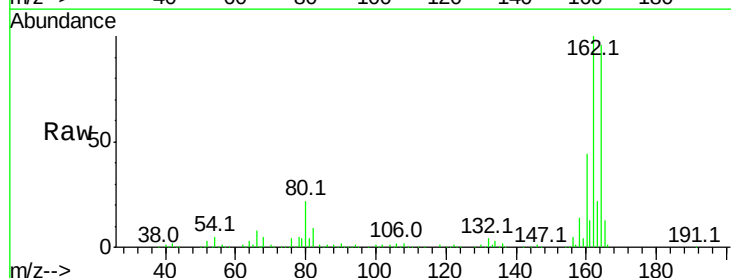
Tgt Ion:164 Resp: 233003

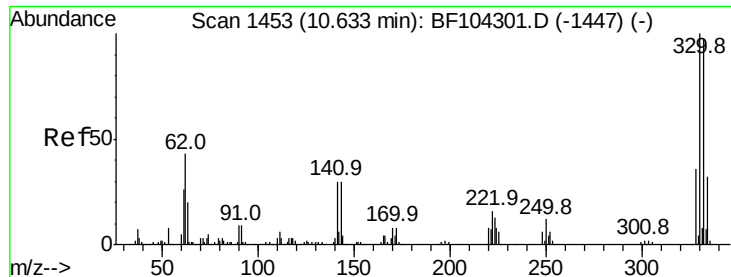
Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

160 45.7 38.3 57.5

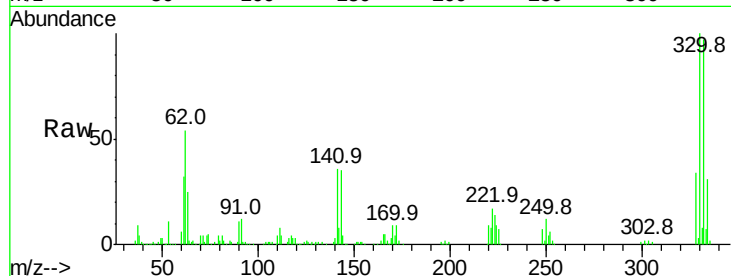




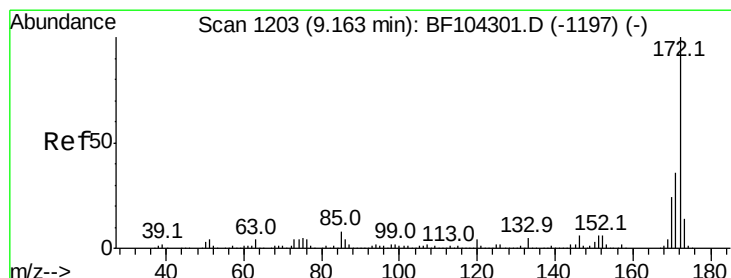
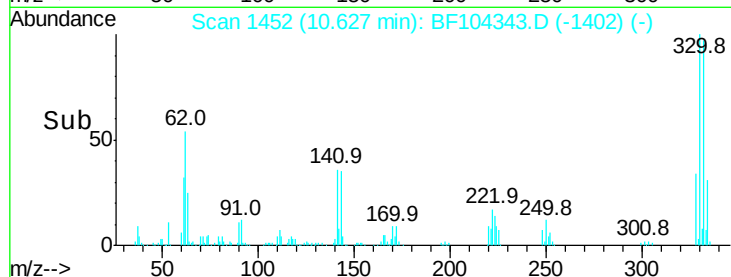
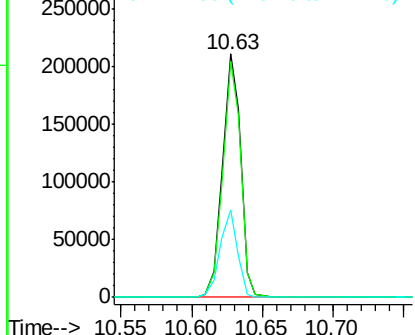
#41
 2,4,6-Tribromophenol
 Concen: 78.062 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104343.D
 Acq: 7 Apr 2018 8:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 188676
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 34.6 29.9 44.9

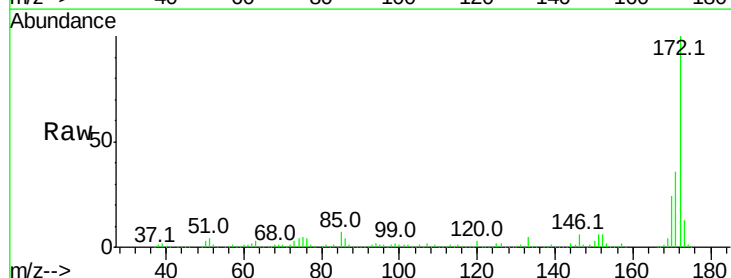


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

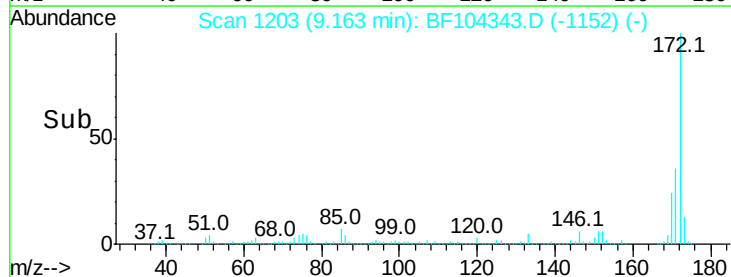
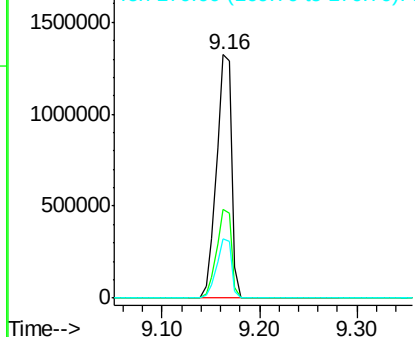


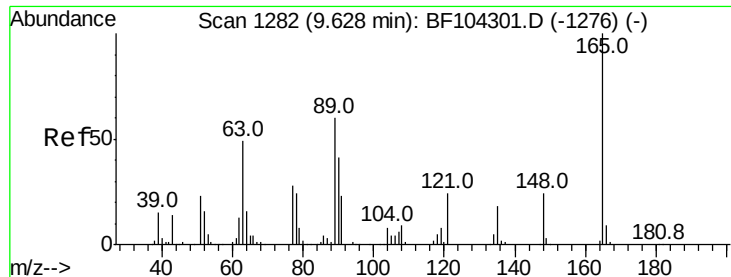
#44
 2-Fluorobiphenyl
 Concen: 95.831 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104343.D
 Acq: 7 Apr 2018 8:05

Tgt Ion:172 Resp: 1413444
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.3 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

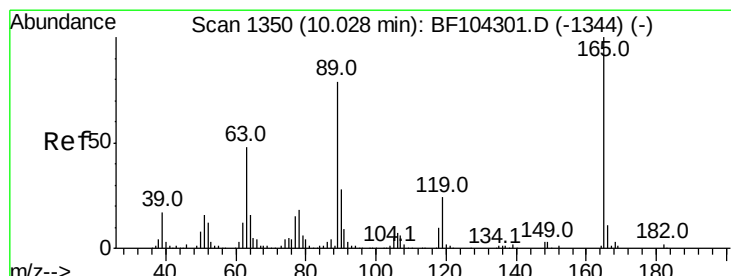
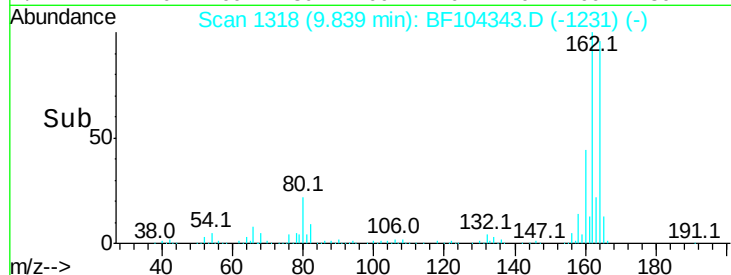
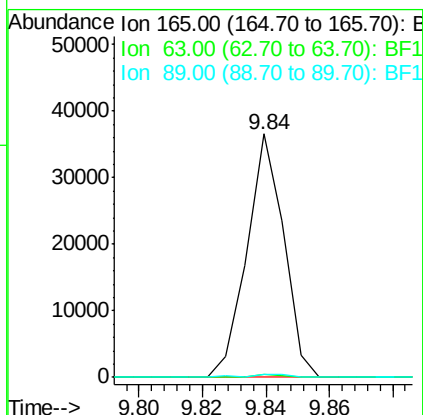
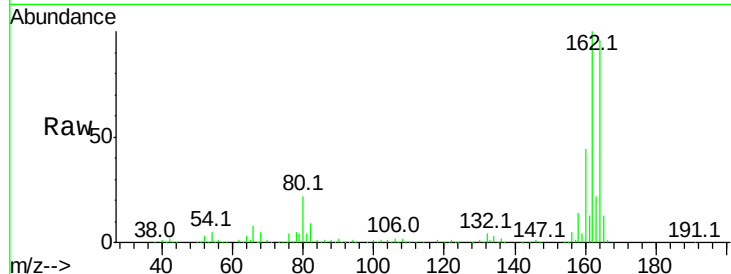




#50
 2,6-Dinitrotoluene
 Concen: 8.656 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.21 min
 Lab File: BF104343.D
 Acq: 7 Apr 2018 8:05

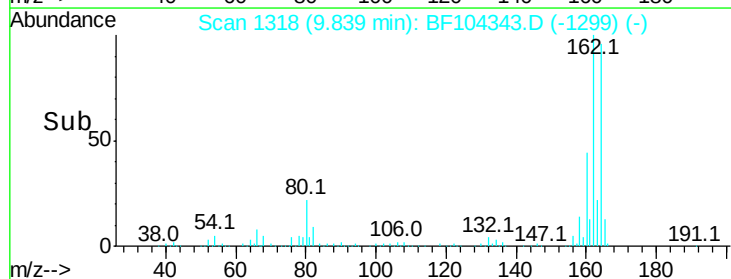
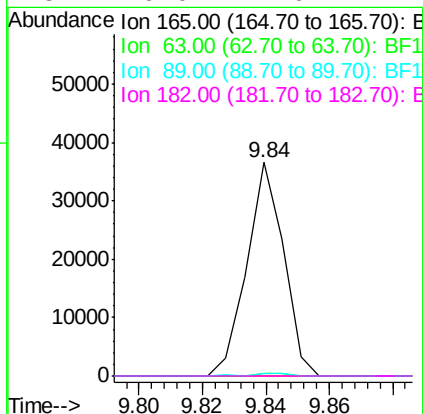
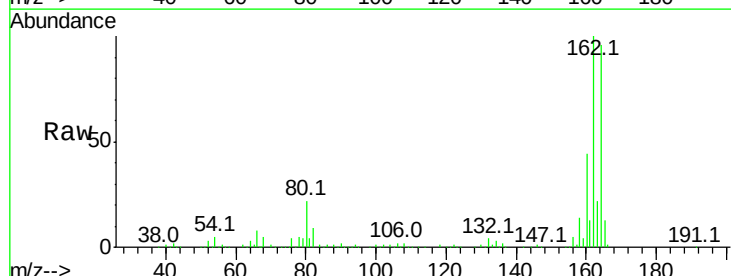
Instrument :
 BNA_F
 ClientSampleId :

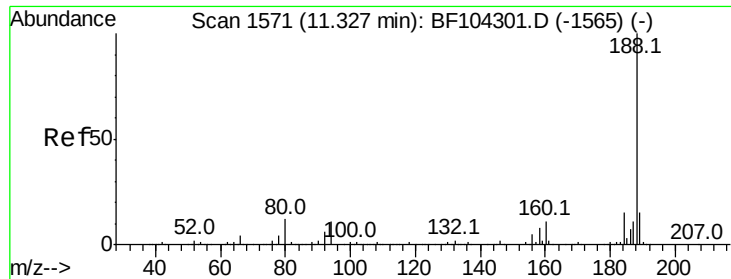
Tot Ion:	165	Resp:	29428
Ion Ratio	Lower	Upper	
165	100		
63	1.0	44.7	67.1#
89	1.1	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.599 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.19 min
 Lab File: BF104343.D
 Acq: 7 Apr 2018 8:05

Tgt Ion:	165	Resp:	29428
Ion Ratio	Lower	Upper	
165	100		
63	1.0	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

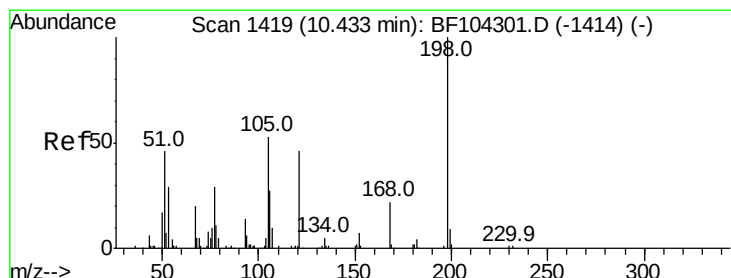
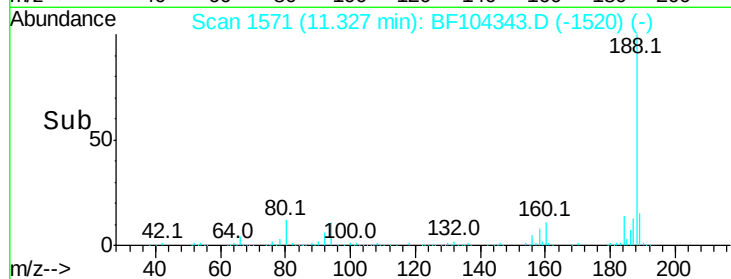
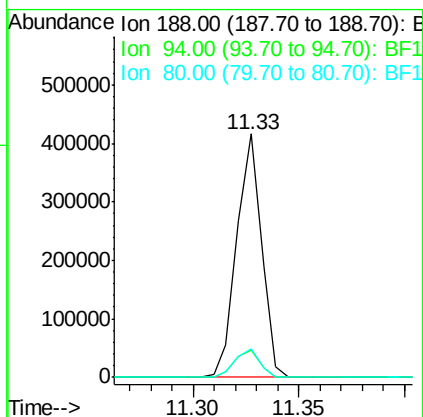
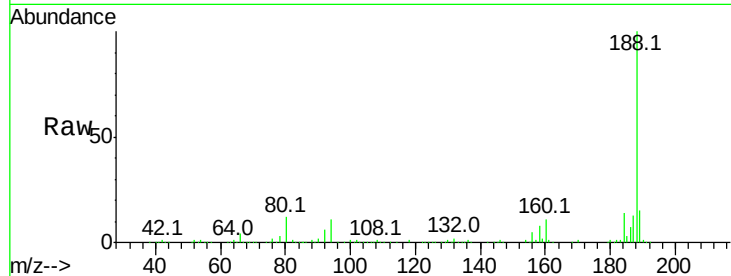




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF104343.D
Acq: 7 Apr 2018 8:05

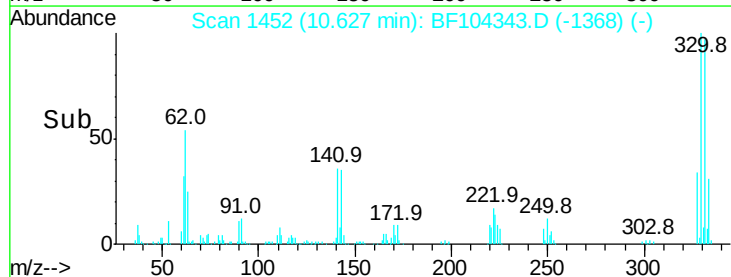
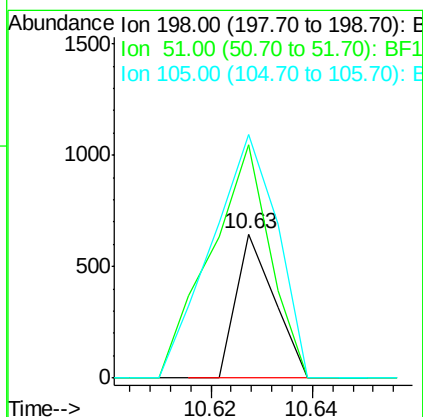
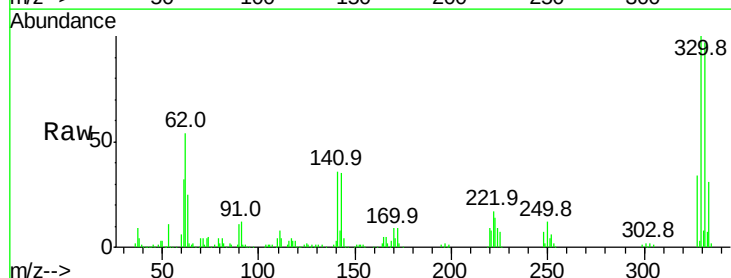
Instrument :
BNA_F
ClientSampleId :

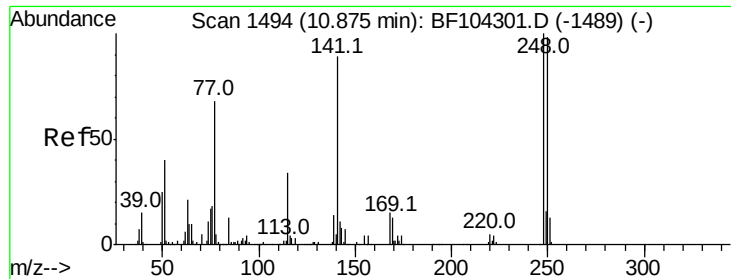
Tot Ion:188 Resp: 336547
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.522 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.19 min
Lab File: BF104343.D
Acq: 7 Apr 2018 8:05

Tgt Ion:198 Resp: 339
Ion Ratio Lower Upper
198 100
51 162.2 37.7 77.7#
105 169.2 36.3 76.3#

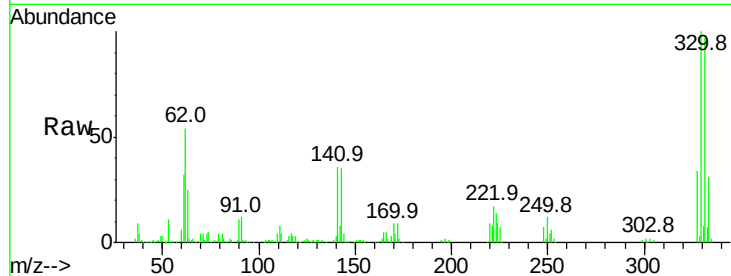




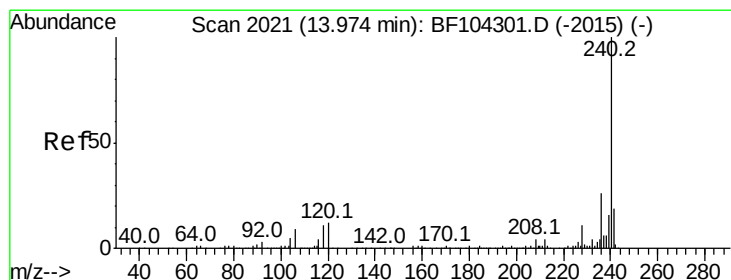
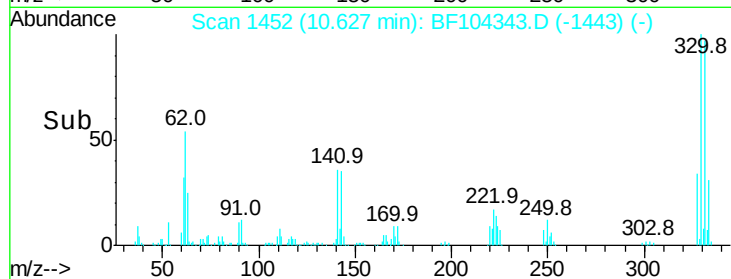
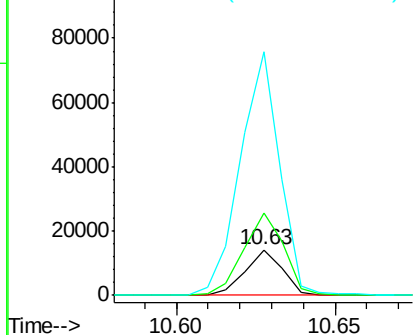
#66
 4-Bromophenyl-phenylether
 Concen: 3.210 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF104343.D
 Acq: 7 Apr 2018 8:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 11490
 Ion Ratio Lower Upper
 248 100
 250 179.9 76.9 115.3#
 141 532.2 74.4 111.6#

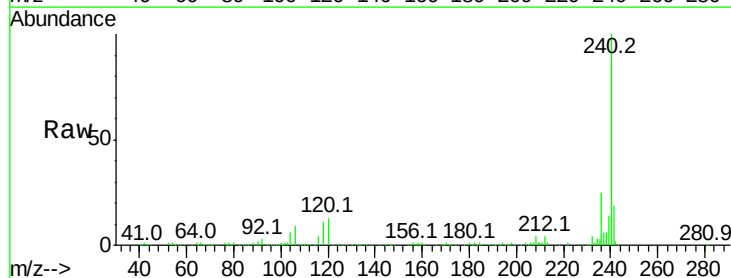


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

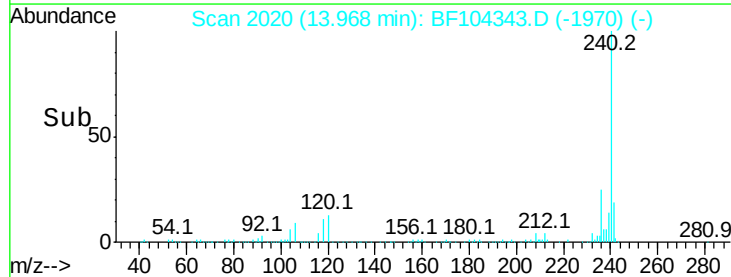
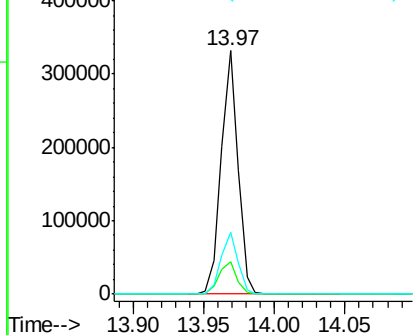


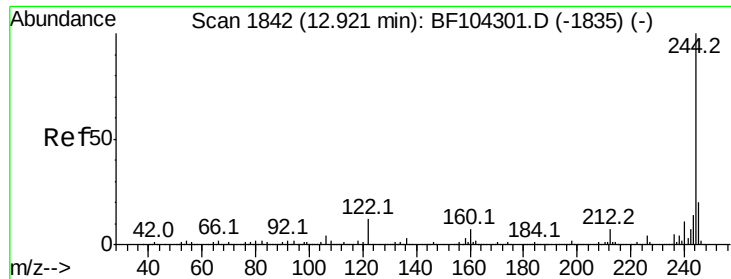
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF104343.D
 Acq: 7 Apr 2018 8:05

Tgt Ion:240 Resp: 276258
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.5 14.3
 236 25.4 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: 84.895 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104343.D

Acq: 7 Apr 2018 8:05

Instrument :

BNA_F

ClientSampled :

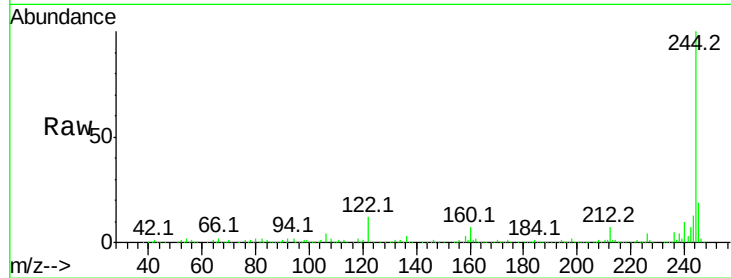
Tot Ion:244 Resp: 1028710

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

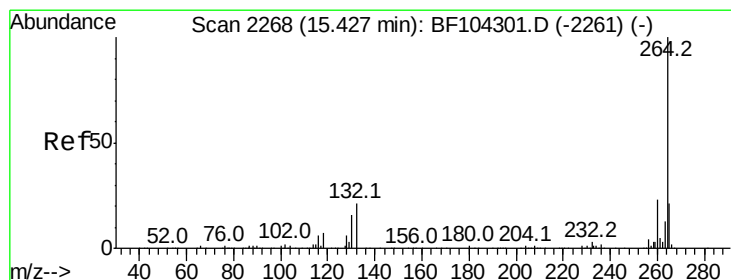
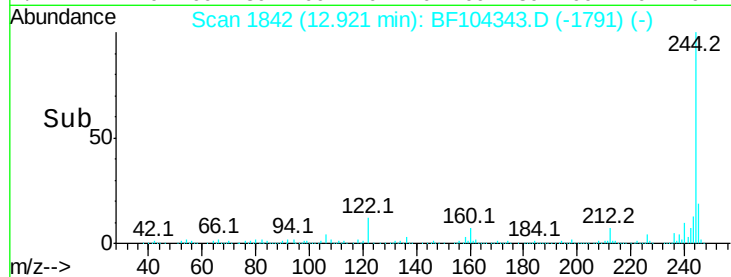
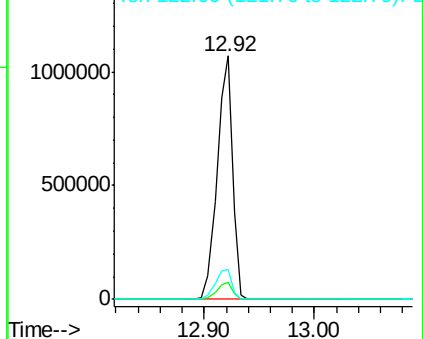
122 12.4 11.0 16.4



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: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF104343.D

Acq: 7 Apr 2018 8:05

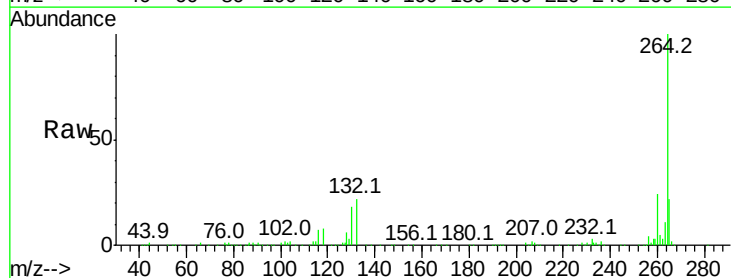
Tgt Ion:264 Resp: 249481

Ion Ratio Lower Upper

264 100

260 23.6 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

