

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041018\
 Data File : BF104399.D
 Acq On : 10 Apr 2018 10:37
 Operator : JU/SJ
 Sample : J2157-09RE 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-040618-E

Quant Time: Apr 10 14:34:31 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 12:04:31 2018
 Response via : Initial Calibration

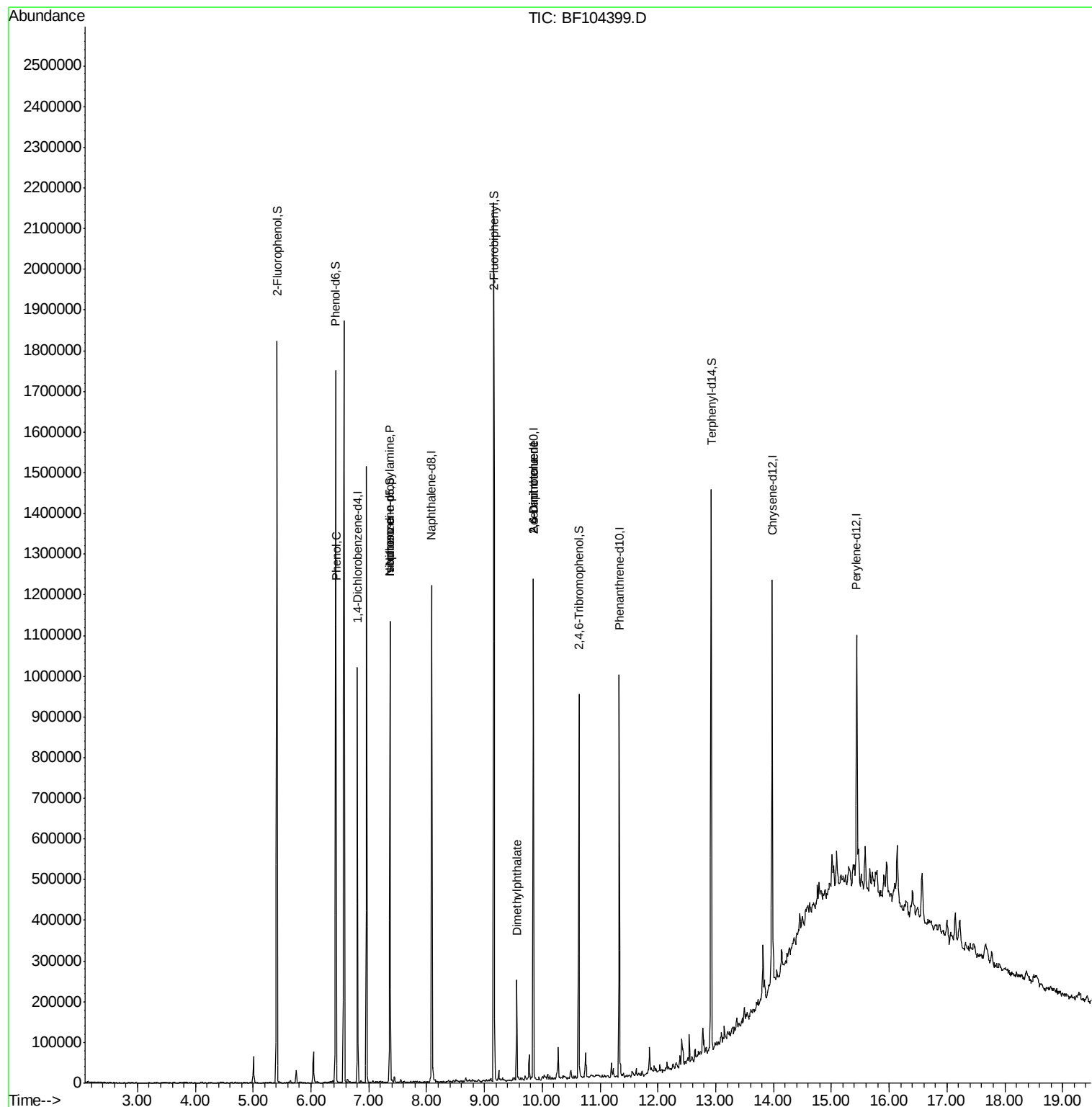
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	136019	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	531302	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	218040	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	331857	20.00	ng	0.00
75) Chrysene-d12	13.97	240	292539	20.00	ng	-0.01
86) Perylene-d12	15.44	264	289494	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	490687	55.16	ng	0.00
7) Phenol-d6	6.43	99	597241	54.64	ng	-0.01
23) Nitrobenzene-d5	7.37	82	356730	43.84	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	113016	49.97	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	621308	45.02	ng	0.00
78) Terphenyl-d14	12.92	244	462447	36.04	ng	0.00
Target Compounds						
10) Phenol	6.44	94	30269	2.610	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	7.37	70	46573	6.521	ng	# 72
25) Isophorone	7.37	82	356721	20.732	ng	# 64
49) Dimethylphthalate	9.56	163	81782	4.756	ng	99
50) 2,6-Dinitrotoluene	9.85	165	28357	8.913	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	28357	6.795	ng	# 23
76) Benzidine	12.69	184	262	Below Cal		# 1

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

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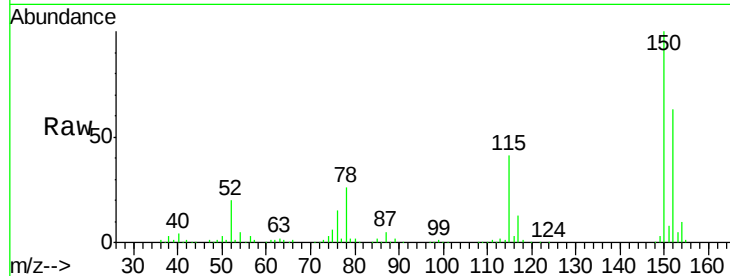


#1

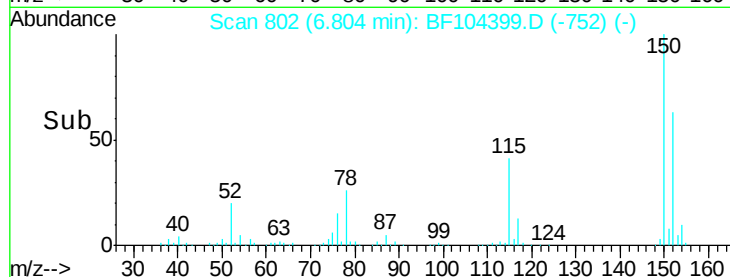
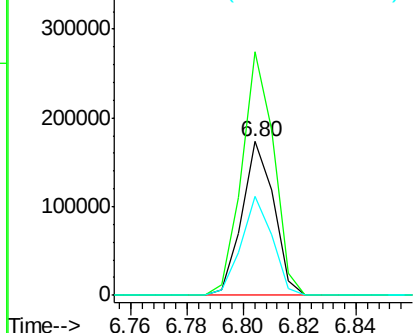
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF104399.D
Acq: 10 Apr 2018 10:37

Instrument :
BNA_F
ClientSampleId :
CL-01-040618-E

Tgt Ion:152 Resp: 136019
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 64.3 50.1 75.1



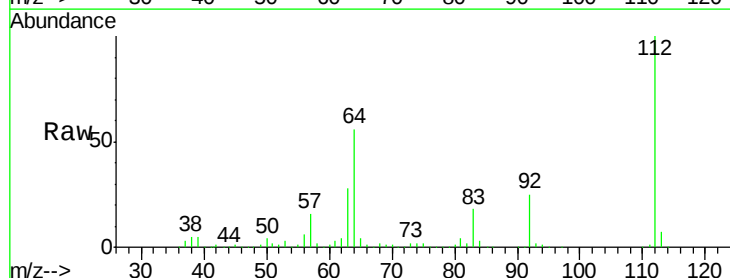
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



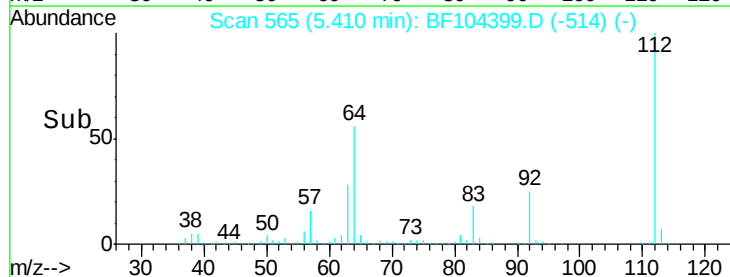
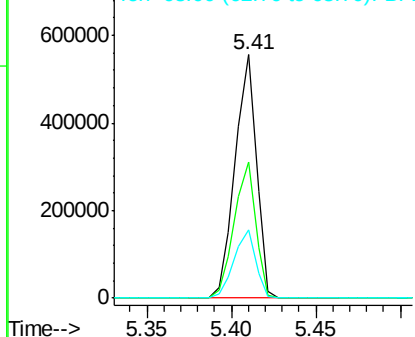
#5

2-Fluorophenol
Concen: 55.161 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF104399.D
Acq: 10 Apr 2018 10:37

Tgt Ion:112 Resp: 490687
Ion Ratio Lower Upper
112 100
64 55.9 47.9 71.9
63 27.8 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: 54.643 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF104399.D

Acq: 10 Apr 2018 10:37

Instrument :

BNA_F

ClientSampleId :

CL-01-040618-E

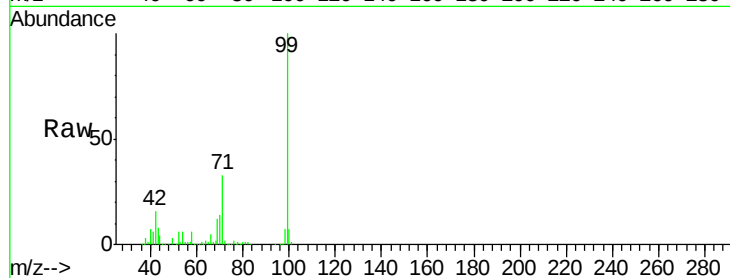
Tgt Ion: 99 Resp: 597241

Ion Ratio Lower Upper

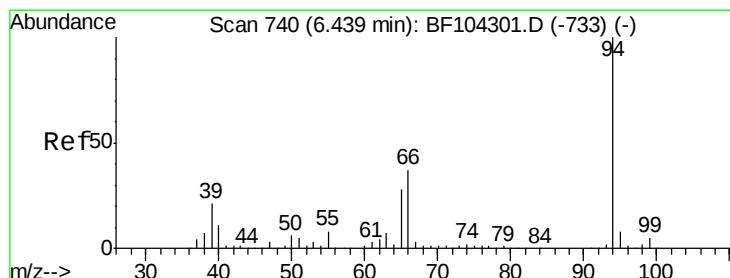
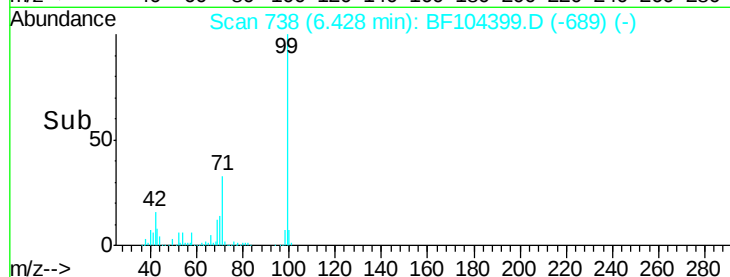
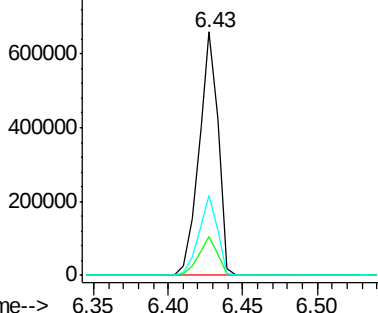
99 100

42 16.2 14.5 21.7

71 33.0 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



#10

Phenol

Concen: 2.610 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104399.D

Acq: 10 Apr 2018 10:37

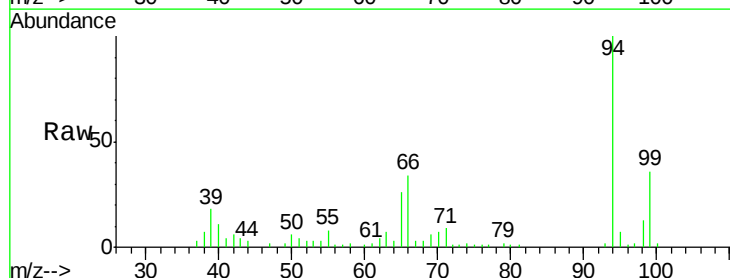
Tgt Ion: 94 Resp: 30269

Ion Ratio Lower Upper

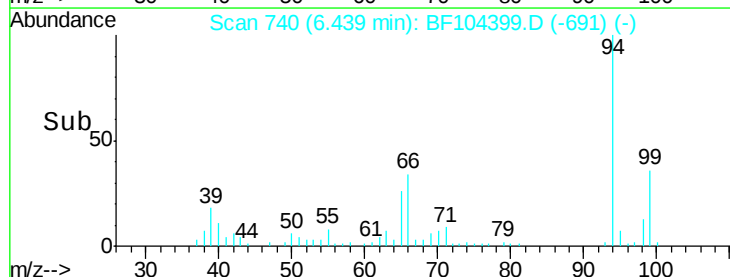
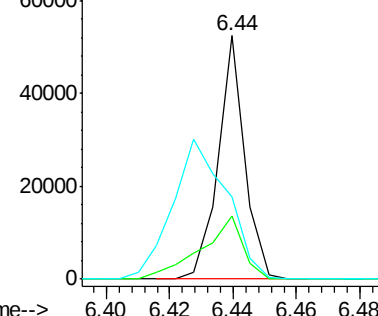
94 100

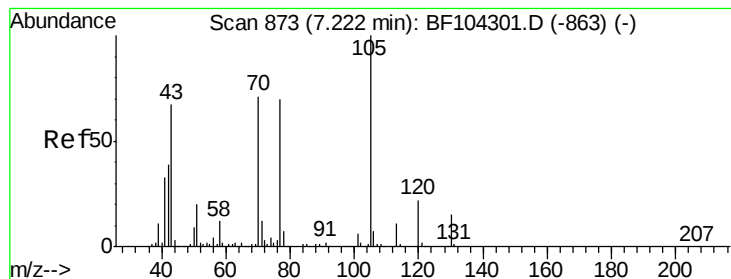
65 25.9 7.9 47.9

66 33.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 6.521 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF104399.D

Acq: 10 Apr 2018 10:37

Instrument :

BNA_F

ClientSampleId :

CL-01-040618-E

Tgt Ion: 70 Resp: 46573

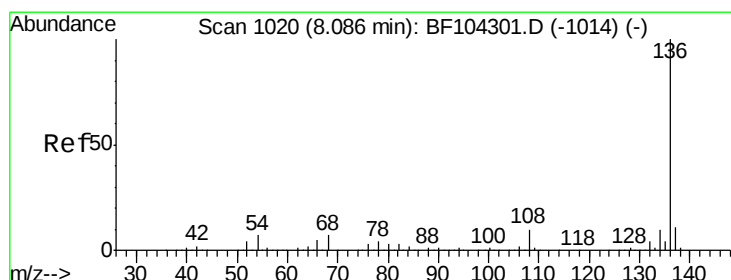
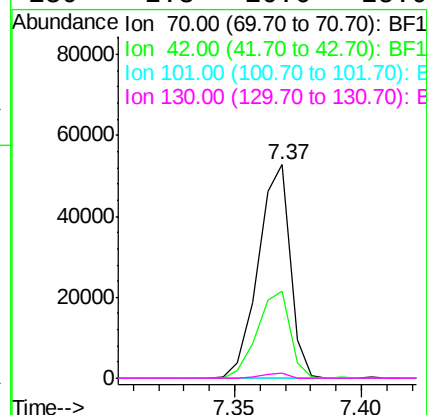
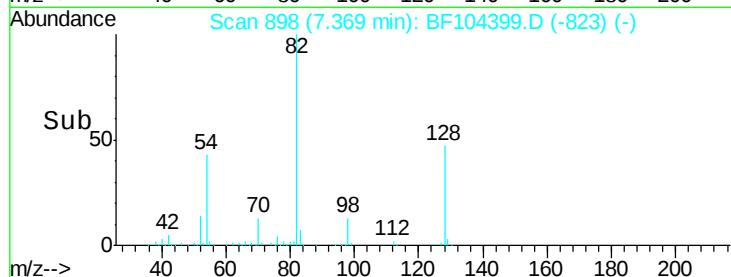
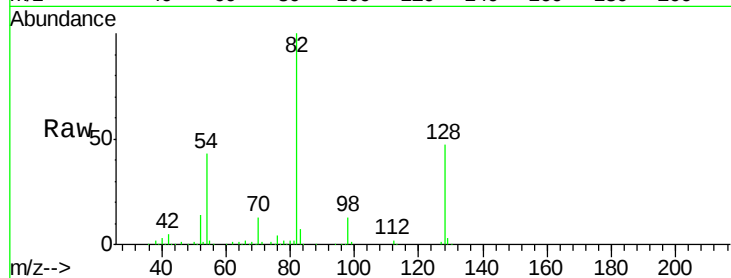
Ion Ratio Lower Upper

70 100

42 40.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104399.D

Acq: 10 Apr 2018 10:37

Tgt Ion: 136 Resp: 531302

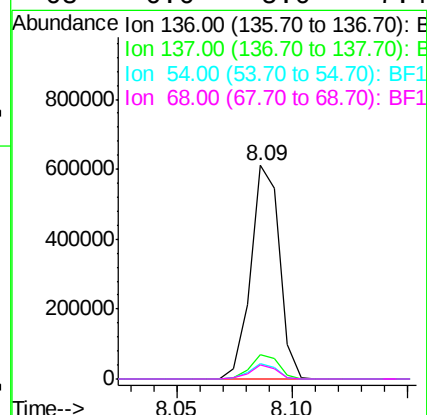
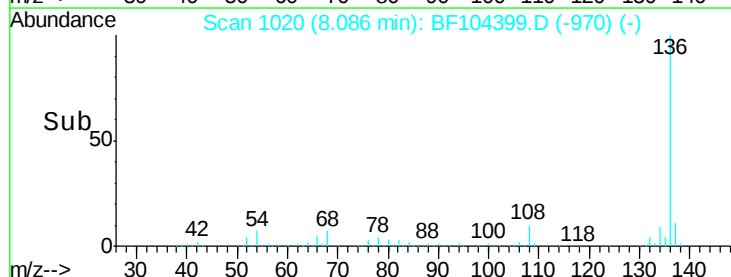
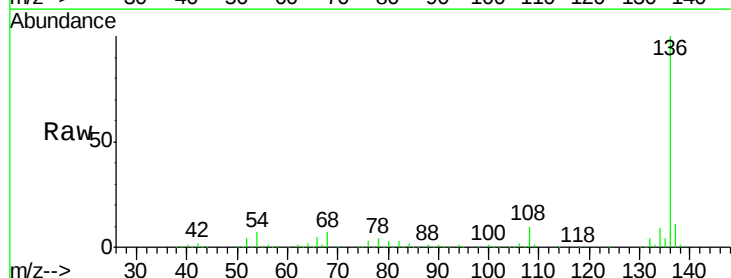
Ion Ratio Lower Upper

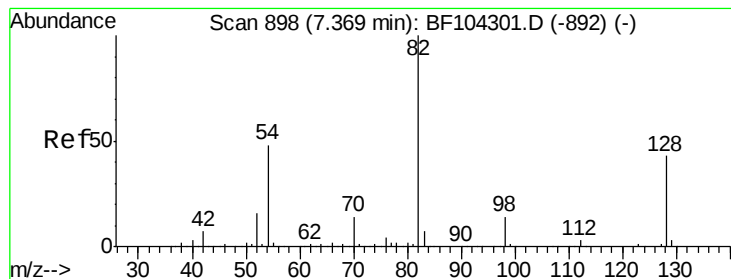
136 100

137 11.5 8.9 13.3

54 7.4 6.6 9.8

68 6.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 43.843 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104399.D

Acq: 10 Apr 2018 10:37

Instrument :

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ClientSampleId :

CL-01-040618-E

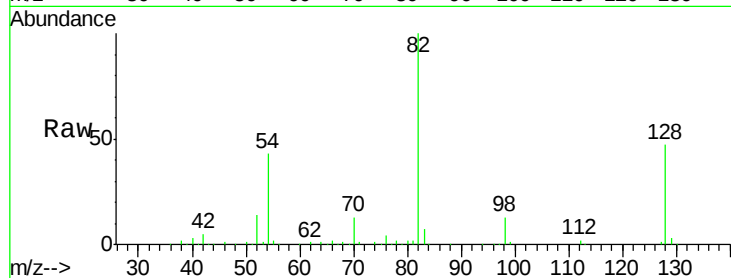
Tgt Ion: 82 Resp: 356730

Ion Ratio Lower Upper

82 100

128 47.3 36.1 54.1

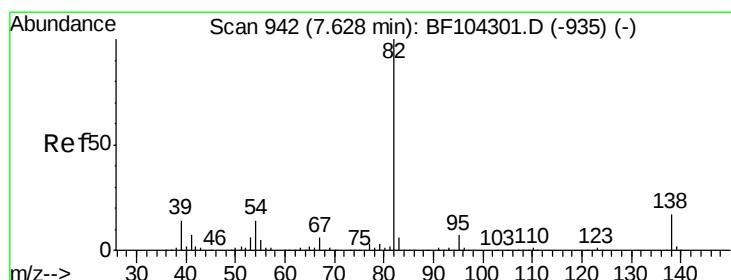
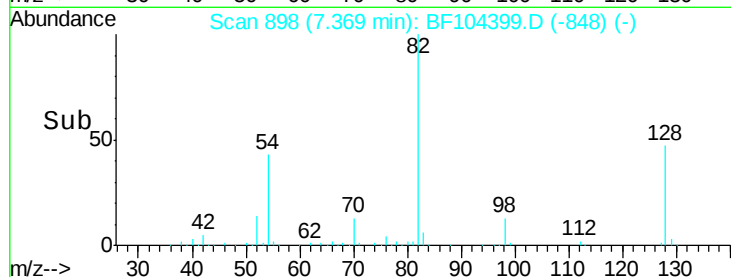
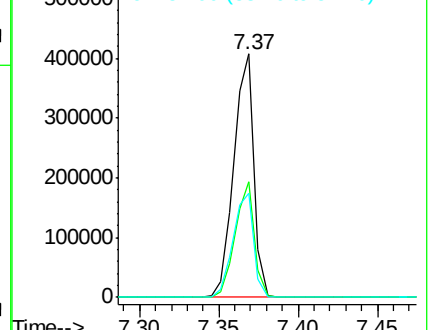
54 43.0 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 20.732 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104399.D

Acq: 10 Apr 2018 10:37

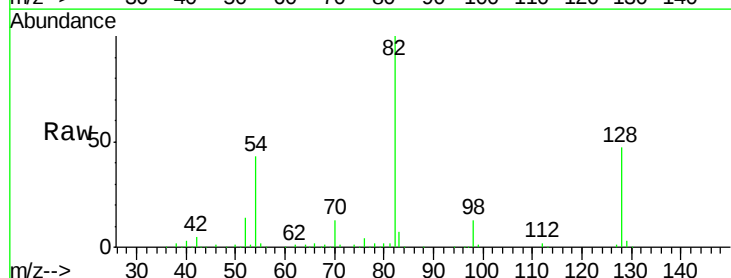
Tgt Ion: 82 Resp: 356721

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

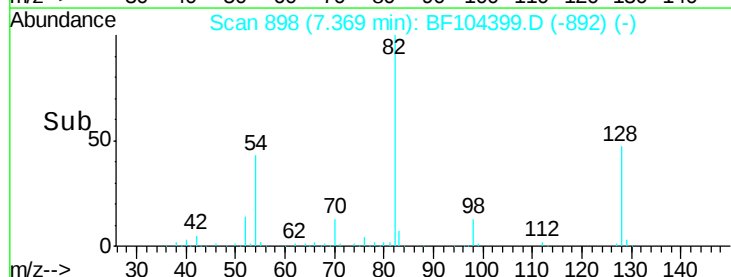
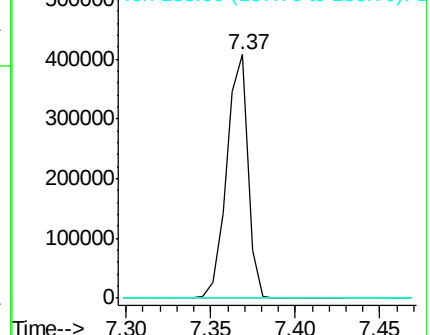
138 0.0 14.9 22.3#

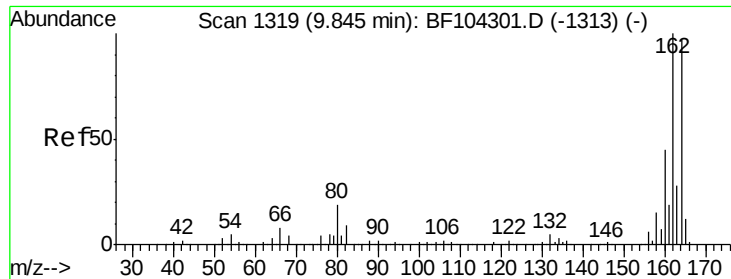


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

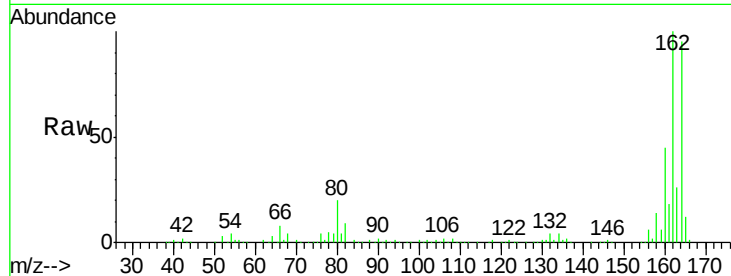




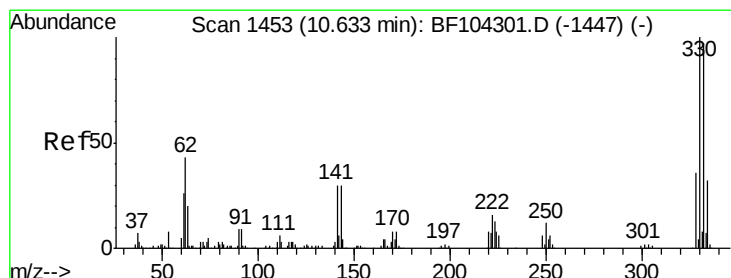
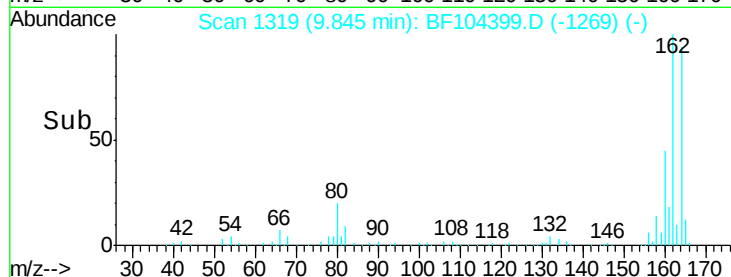
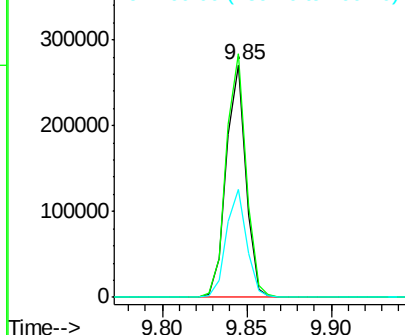
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF104399.D
 Acq: 10 Apr 2018 10:37

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-040618-E

Tgt Ion:164 Resp: 218040
 Ion Ratio Lower Upper
 164 100
 162 104.8 86.1 129.1
 160 46.7 38.3 57.5

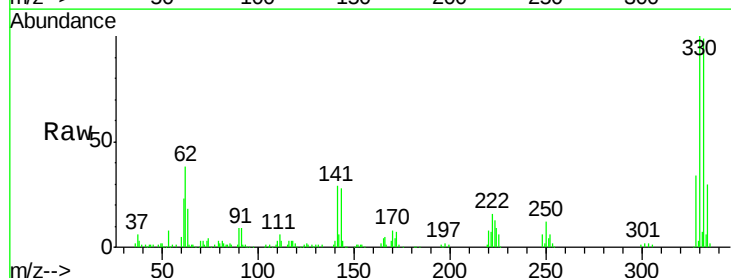


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

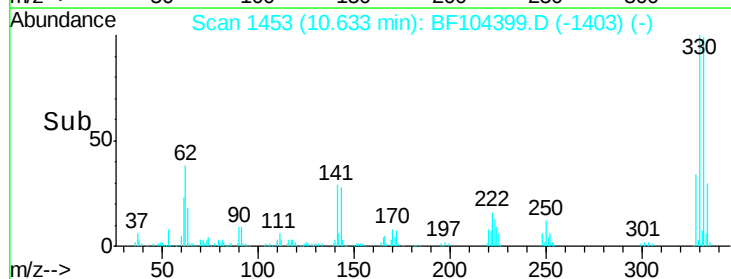
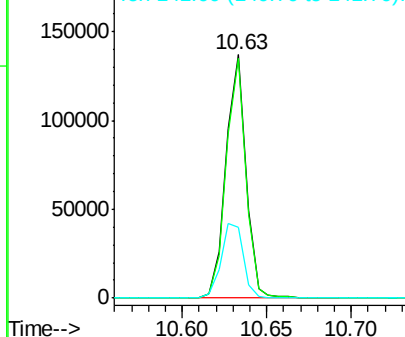


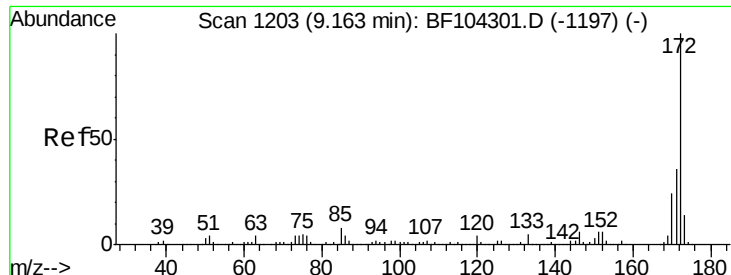
#41
 2,4,6-Tribromophenol
 Concen: 49.968 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104399.D
 Acq: 10 Apr 2018 10:37

Tgt Ion:330 Resp: 113016
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 34.4 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

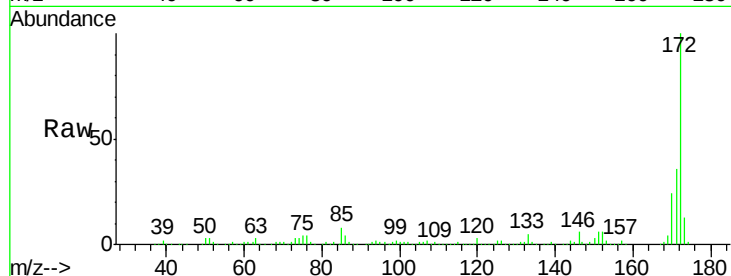




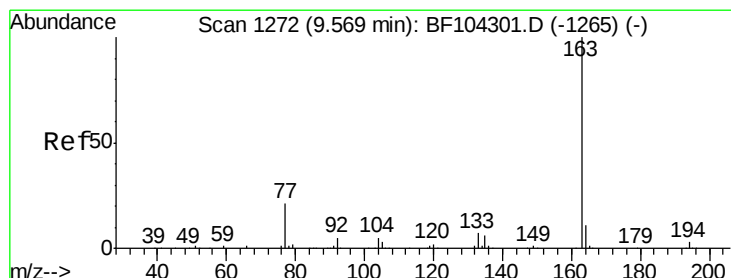
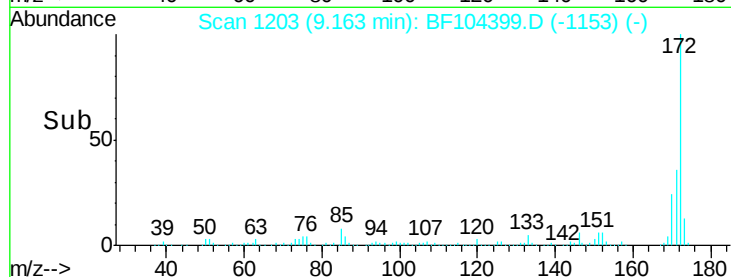
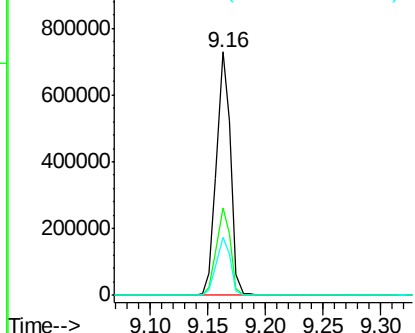
#44
2-Fluorobiphenyl
Concen: 45.015 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104399.D
Acq: 10 Apr 2018 10:37

Instrument :
BNA_F
ClientSampleId :
CL-01-040618-E

Tgt Ion:172 Resp: 621308
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.0 19.6 29.4

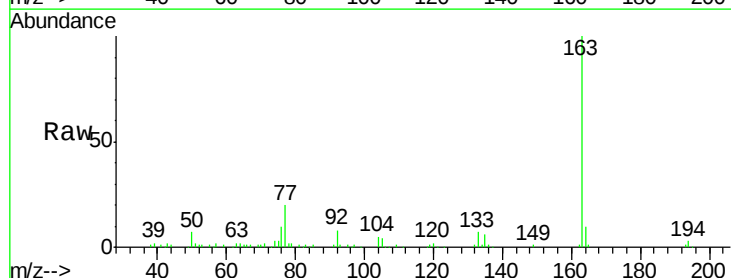


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

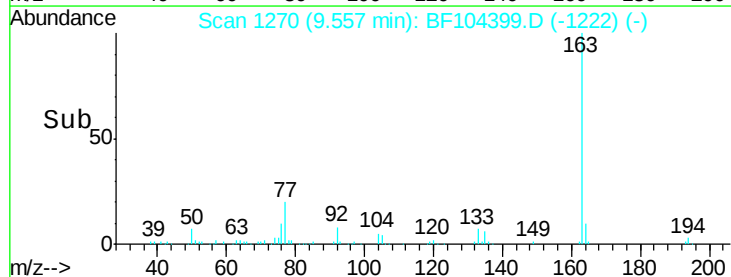
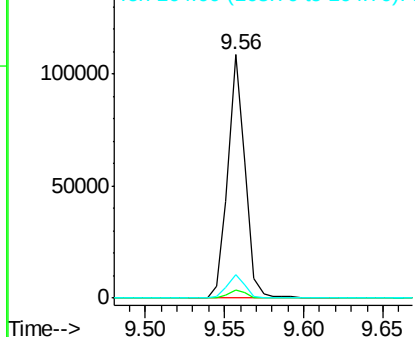


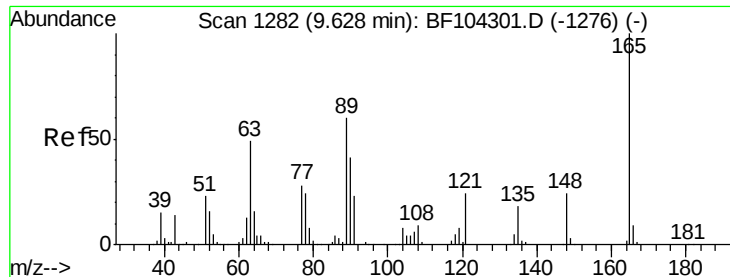
#49
Dimethylphthalate
Concen: 4.756 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104399.D
Acq: 10 Apr 2018 10:37

Tgt Ion:163 Resp: 81782
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.8 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

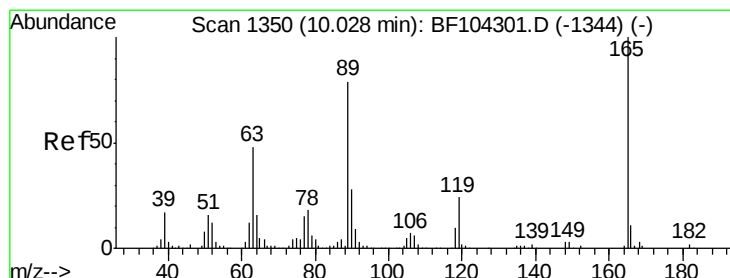
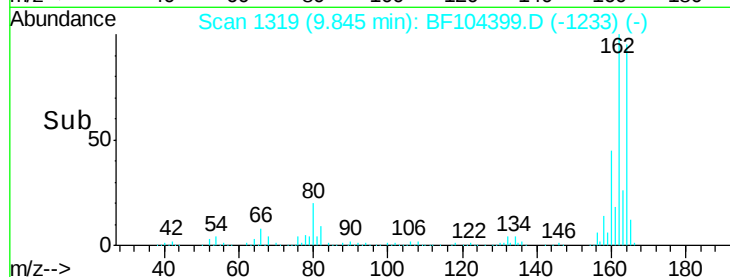
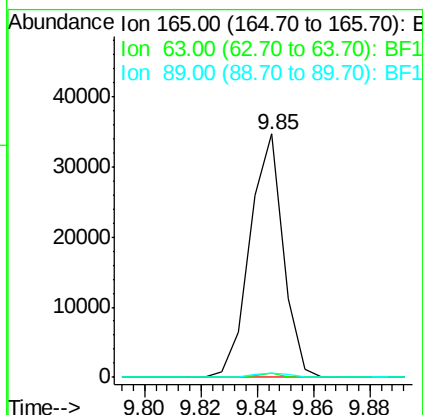
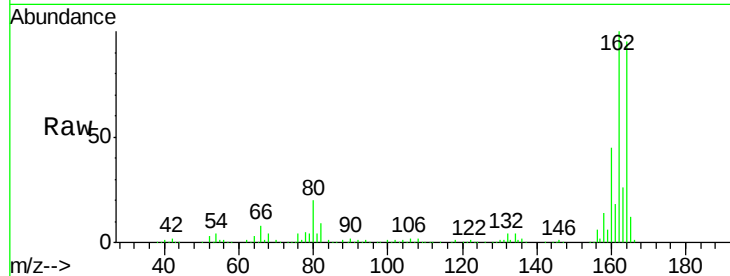




#50
 2,6-Dinitrotoluene
 Concen: 8.913 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF104399.D
 Acq: 10 Apr 2018 10:37

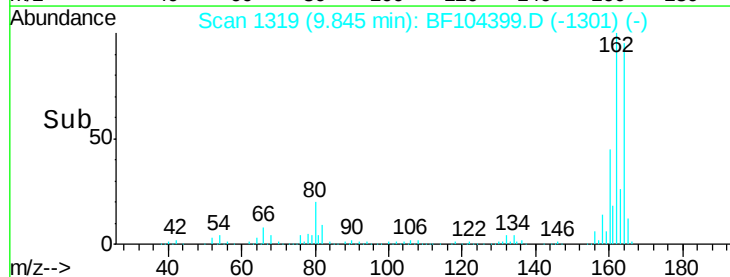
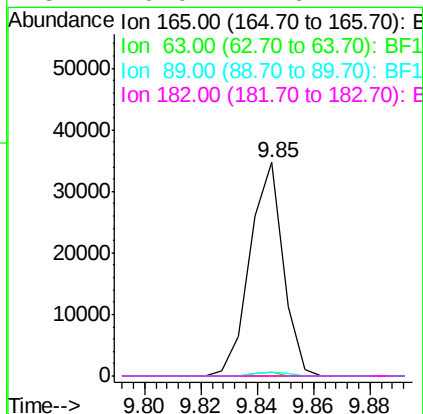
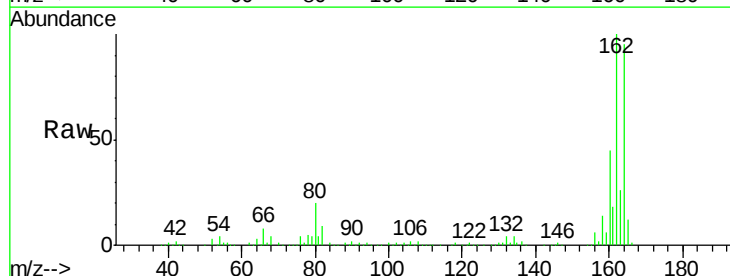
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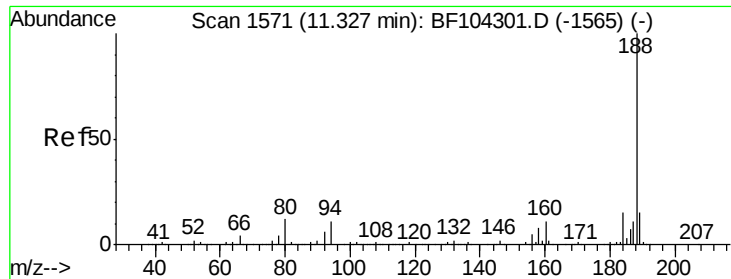
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.6	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.795 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.19 min
 Lab File: BF104399.D
 Acq: 10 Apr 2018 10:37

Tgt 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#

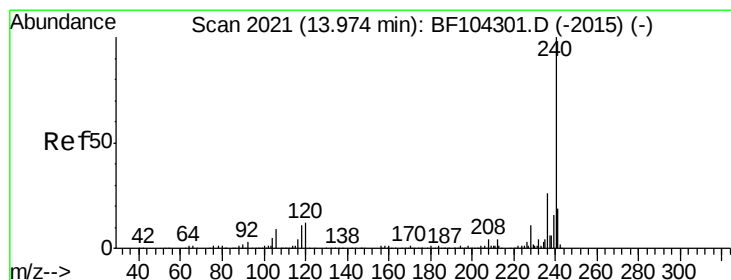
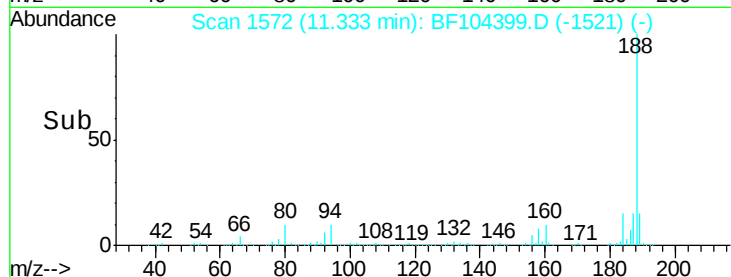
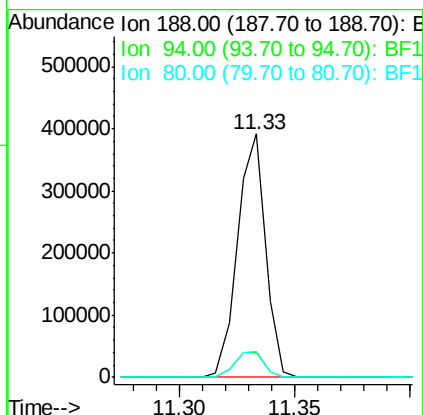
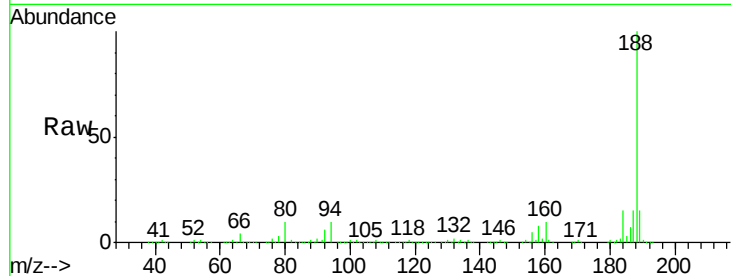




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104399.D
Acq: 10 Apr 2018 10:37

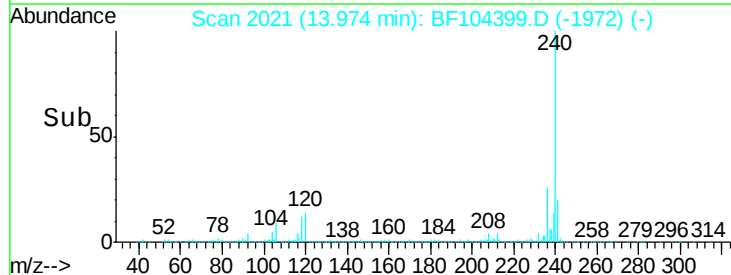
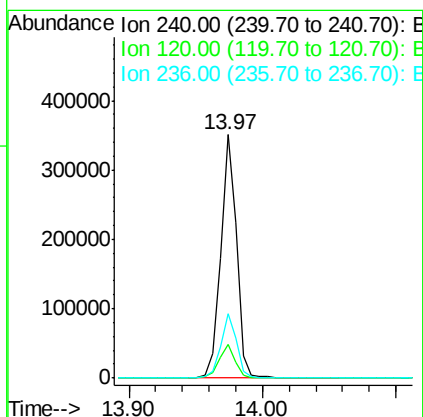
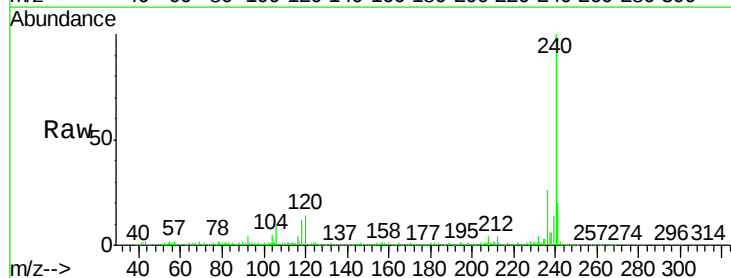
Instrument :
BNA_F
ClientSampleId :
CL-01-040618-E

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.5	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104399.D
Acq: 10 Apr 2018 10:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	26.4	20.7	31.1





#78

Terphenyl-d14

Concen: 36.040 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF104399.D

Acq: 10 Apr 2018 10:37

Instrument :

BNA_F

ClientSampleId :

CL-01-040618-E

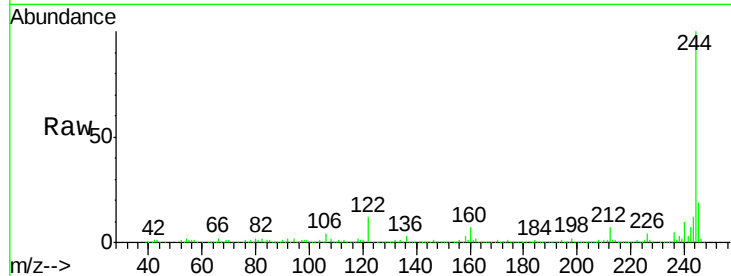
Tgt Ion:244 Resp: 462447

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

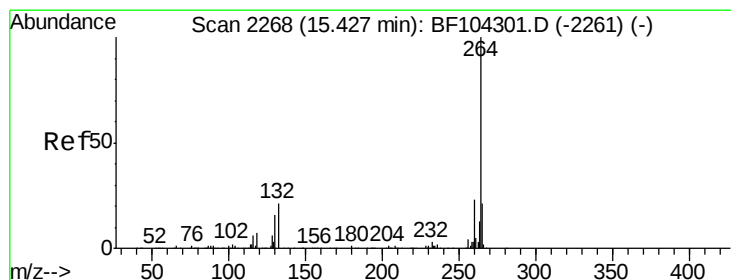
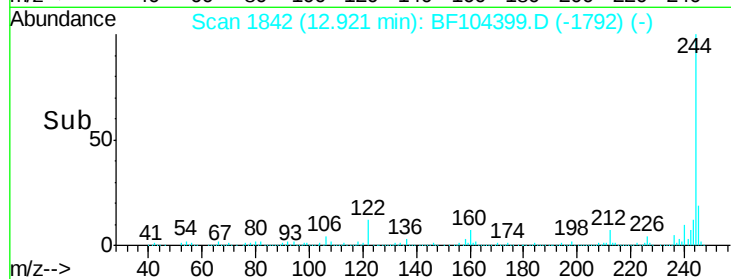
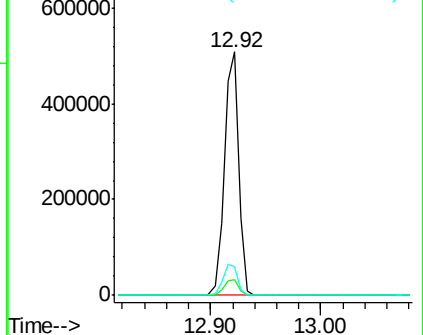
122 11.9 11.0 16.4



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# 2270

Delta R.T. -0.01 min

Lab File: BF104399.D

Acq: 10 Apr 2018 10:37

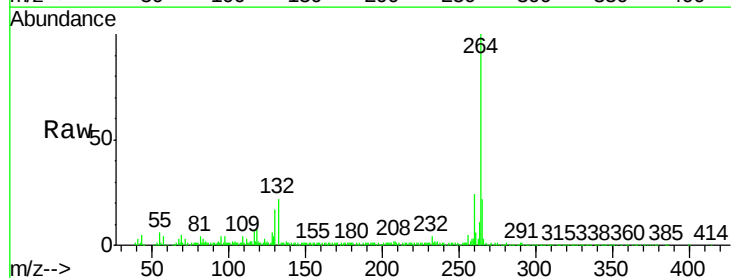
Tgt Ion:264 Resp: 289494

Ion Ratio Lower Upper

264 100

260 23.9 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

