

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

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

Quant Time: Apr 10 14:40:28 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

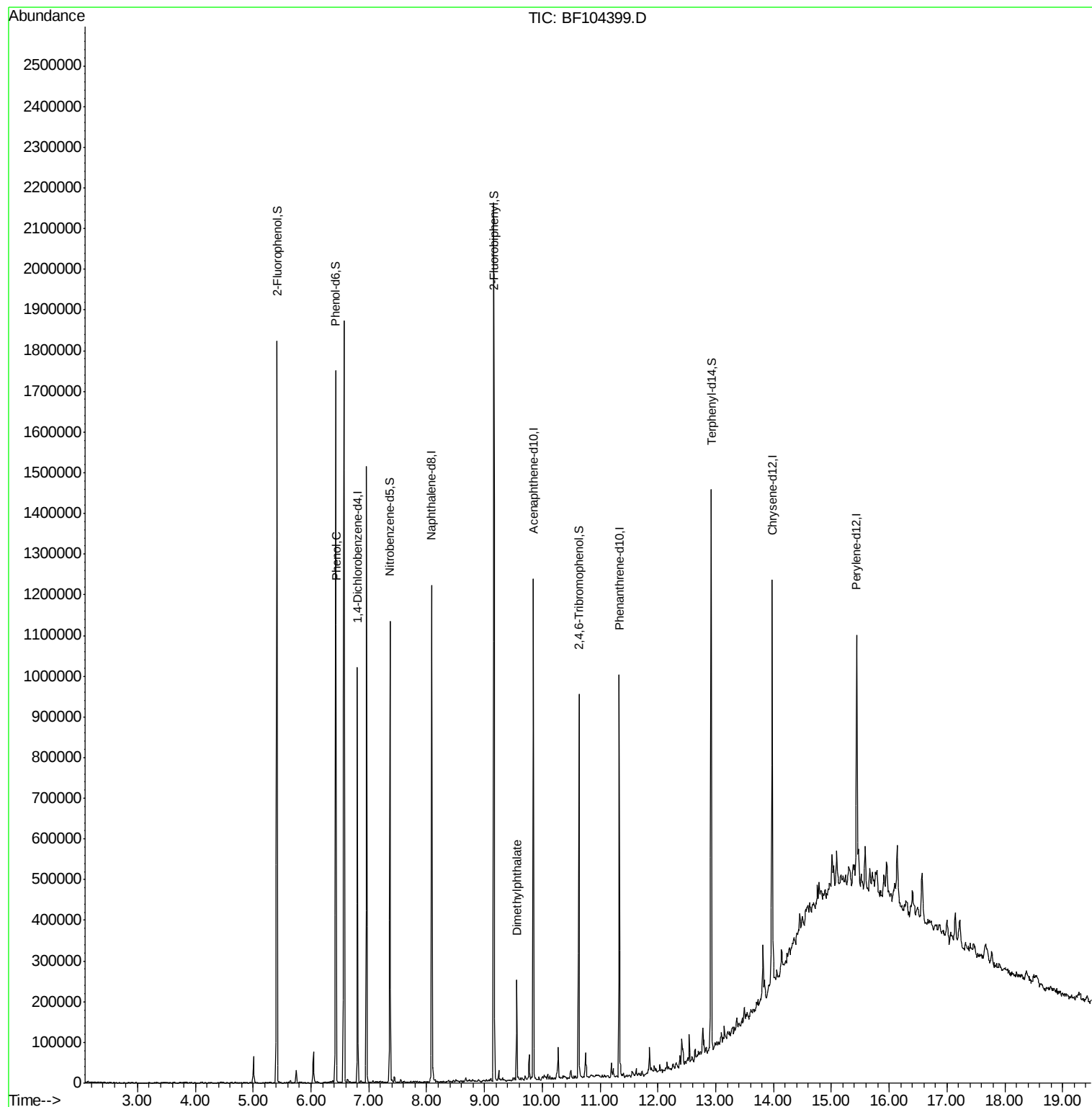
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	136019	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	531302	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	218040	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	331857	20.00	ng	0.00
75) Chrysene-d12	13.97	240	292539	20.00	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	96
49) Dimethylphthalate	9.56	163	81782	4.756	ng	99

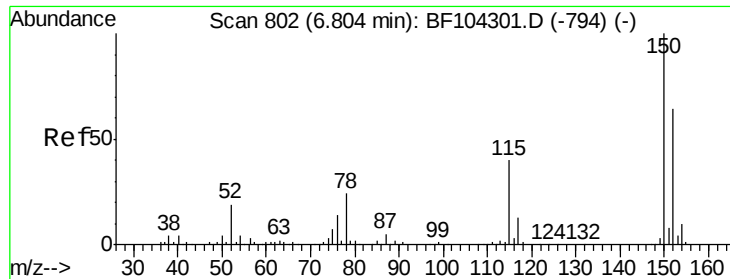
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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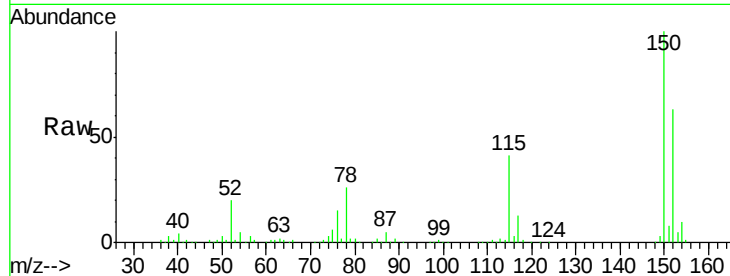


#1

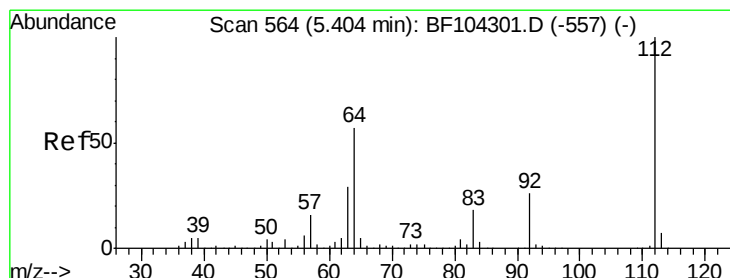
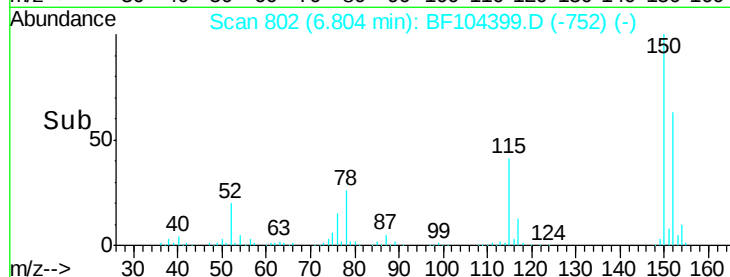
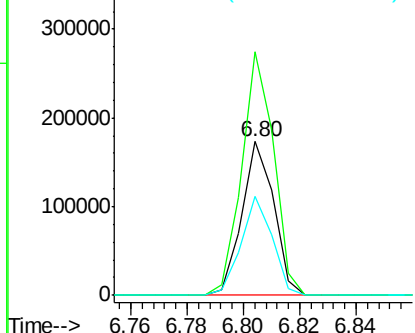
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF104399.D
Acq: 10 Apr 2018 10:37

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

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



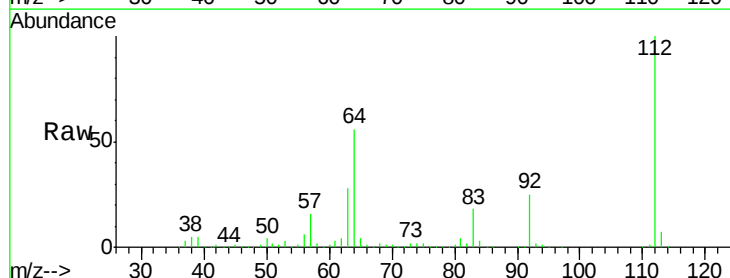
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



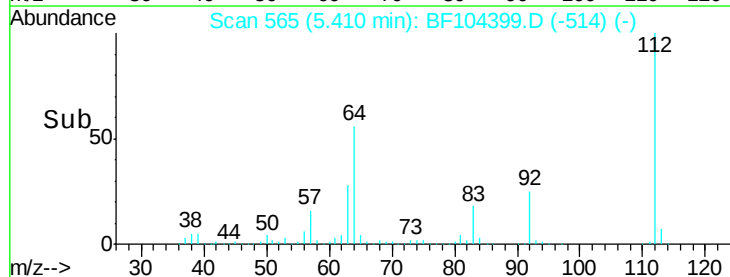
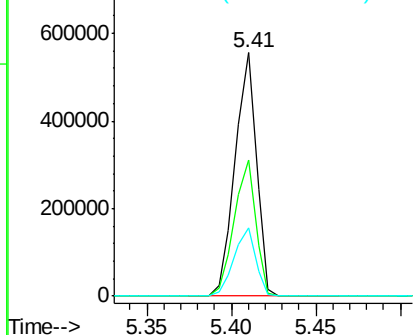
#5

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

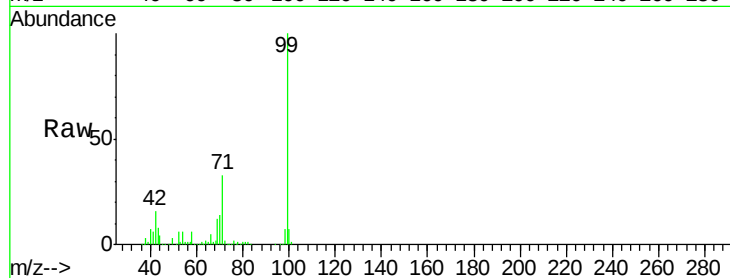
Tot Ion: 99 Resp: 597241

Ion Ratio Lower Upper

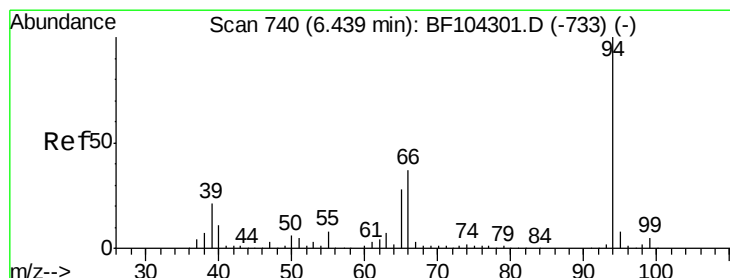
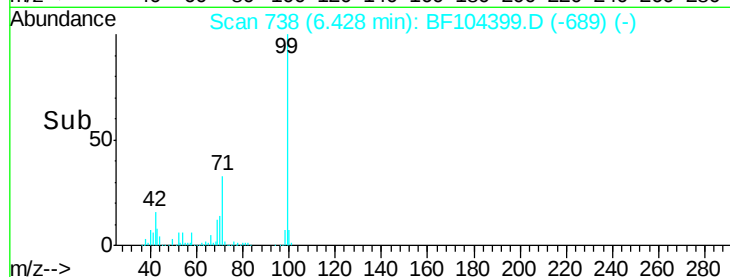
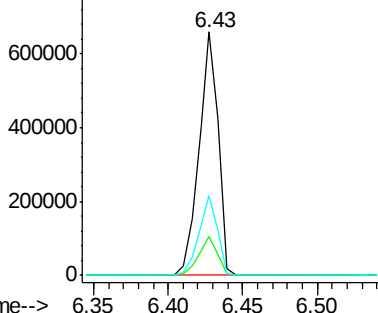
99 100

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

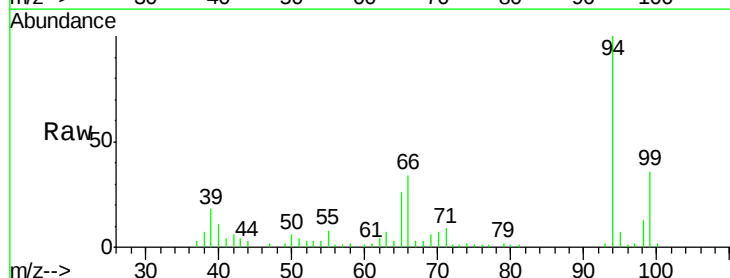
Tgt Ion: 94 Resp: 30269

Ion Ratio Lower Upper

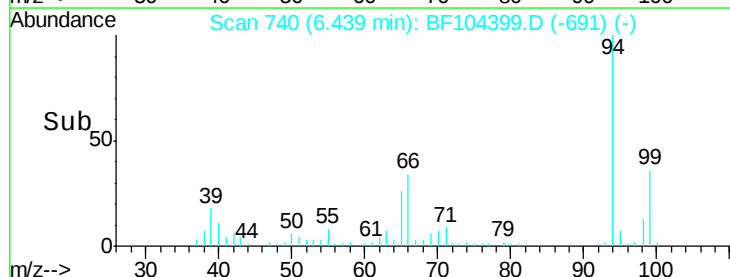
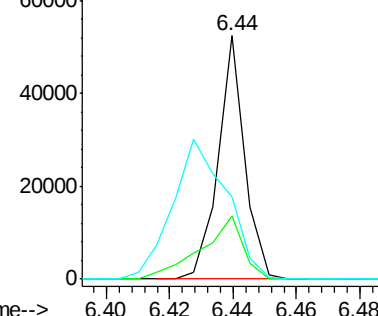
94 100

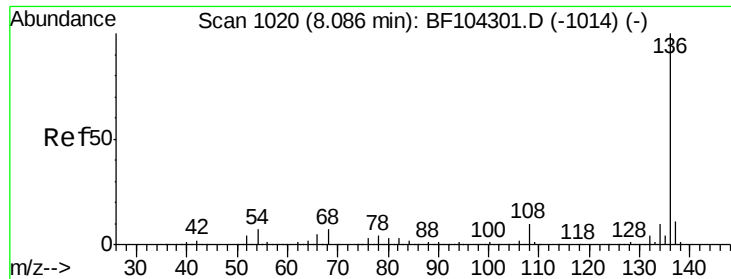
65 25.9 7.9 47.9

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

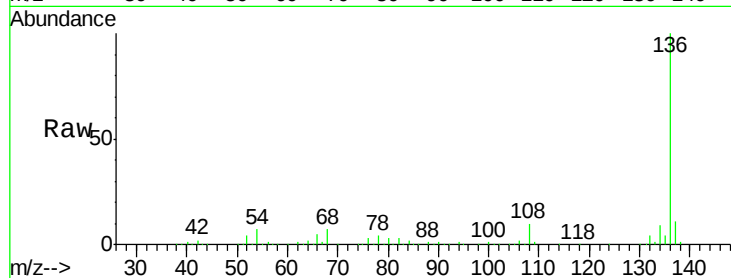




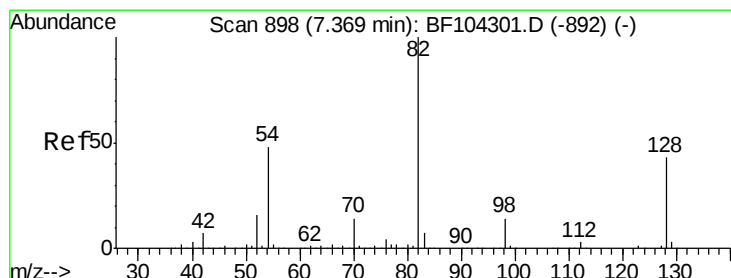
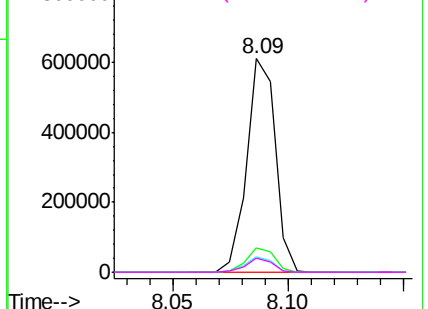
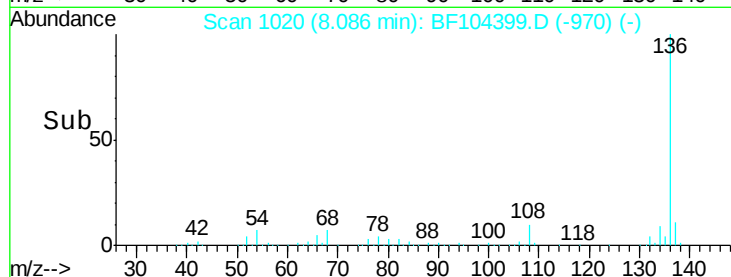
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104399.D
Acq: 10 Apr 2018 10:37

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

Tot 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

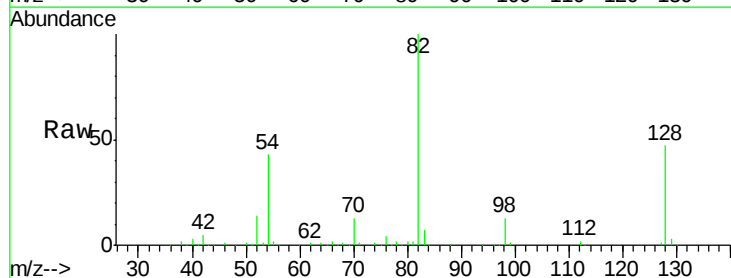


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

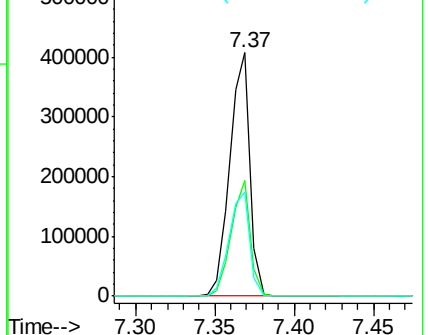
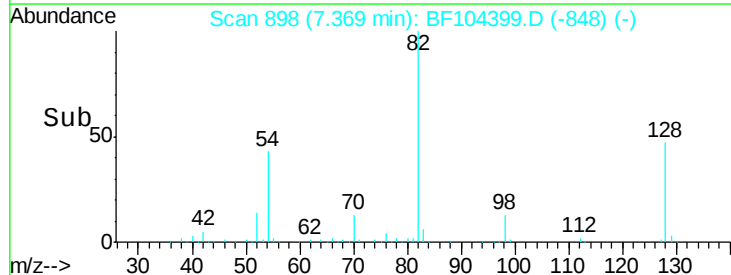


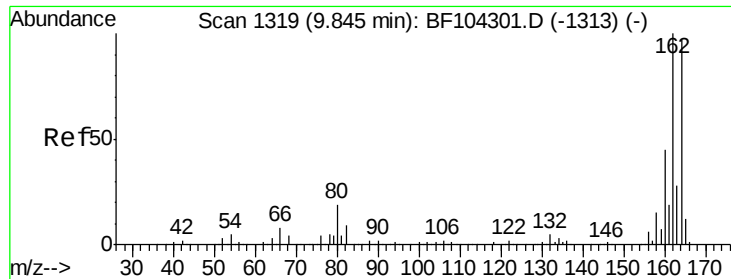
#23
Nitrobenzene-d5
Concen: 43.843 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104399.D
Acq: 10 Apr 2018 10:37

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): E
Ion 54.00 (53.70 to 54.70): BF1

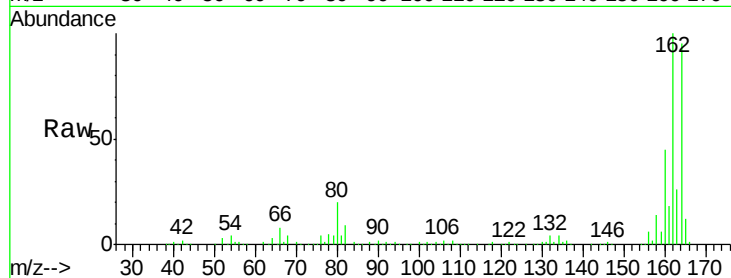




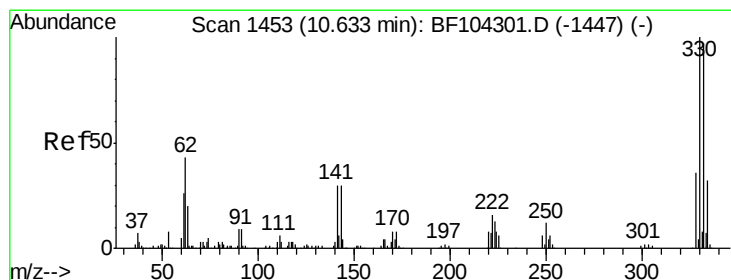
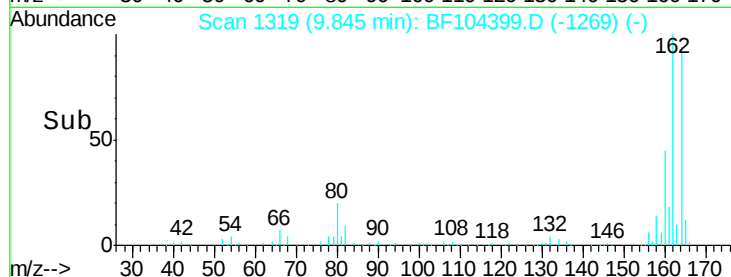
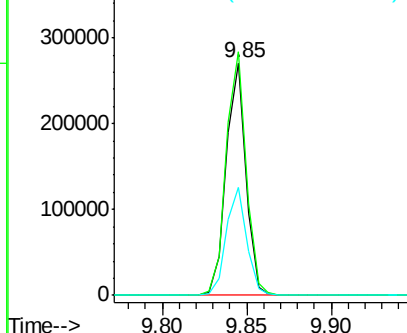
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104399.D
Acq: 10 Apr 2018 10:37

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

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

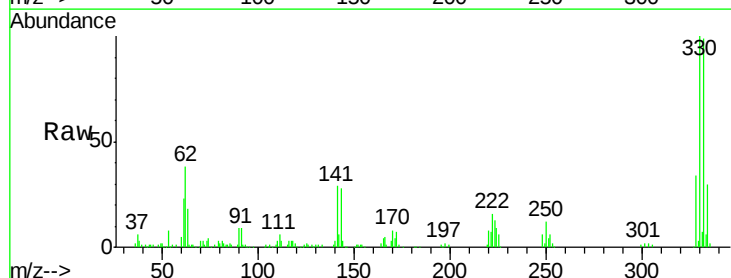


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

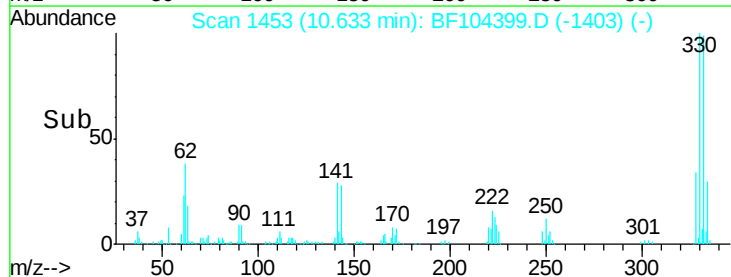
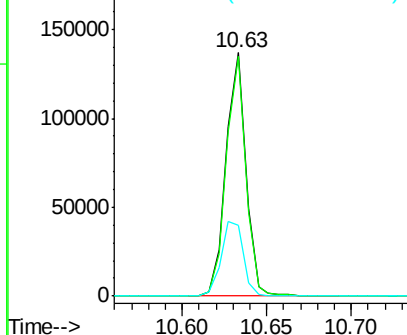


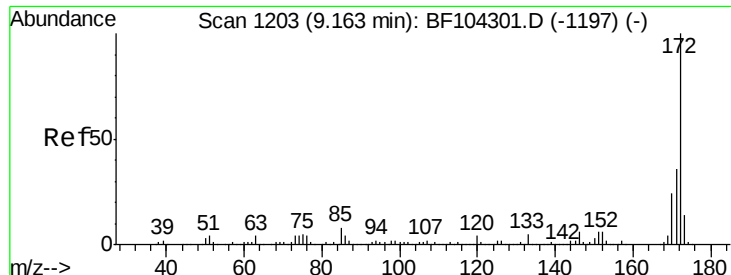
#41
2,4,6-Tribromophenol
Concen: 49.968 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104399.D
Acq: 10 Apr 2018 10:37

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

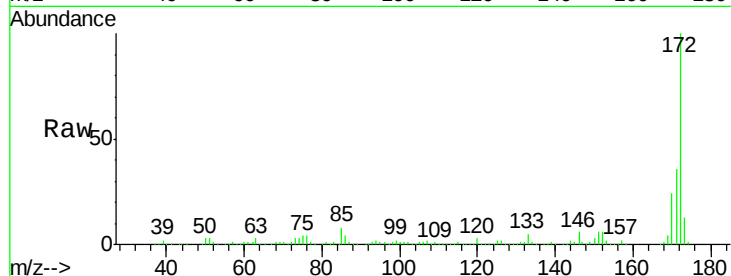




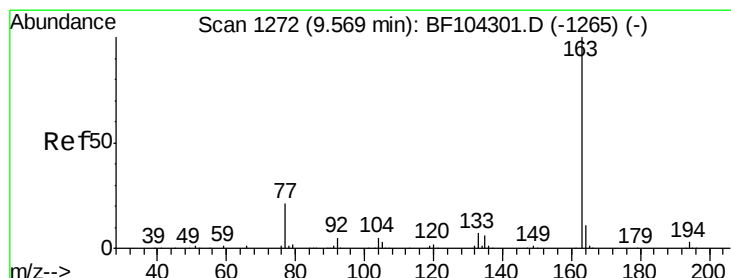
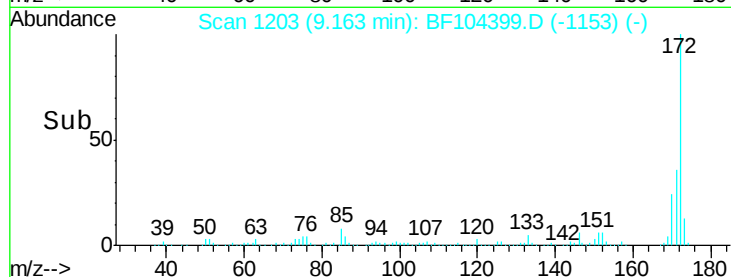
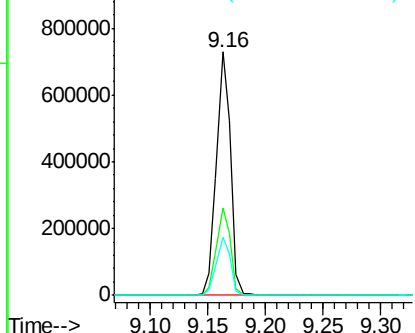
#44
2-Fluorobiphenyl
Concen: 45.015 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104399.D
Acq: 10 Apr 2018 10:37

Instrument :
BNA_F
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CL-01-040618-E

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

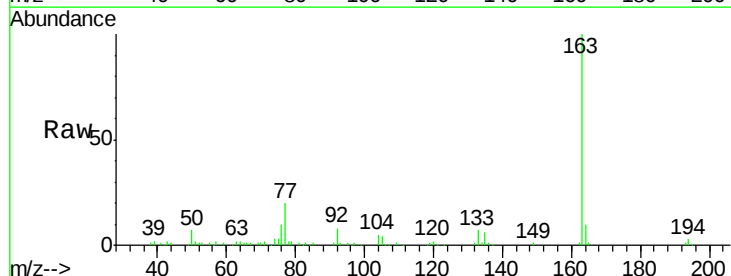


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

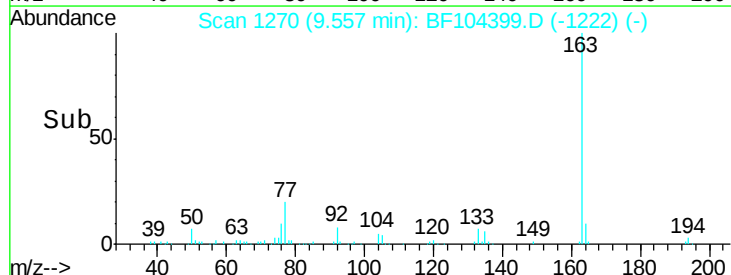
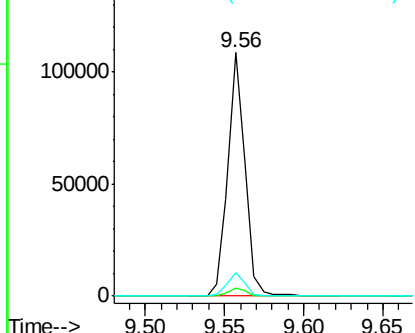


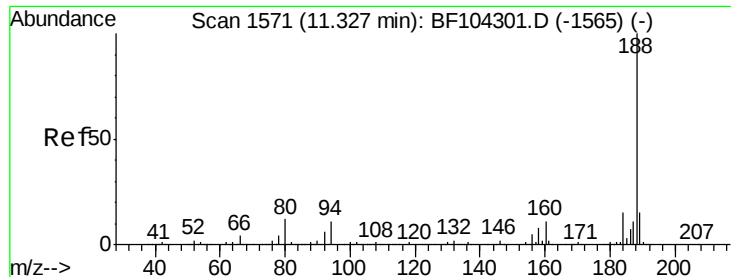
#49
Dimethylphthalate
Concen: 4.756 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104399.D
Acq: 10 Apr 2018 10:37

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

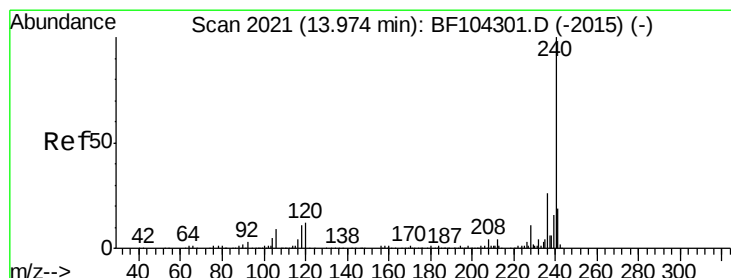
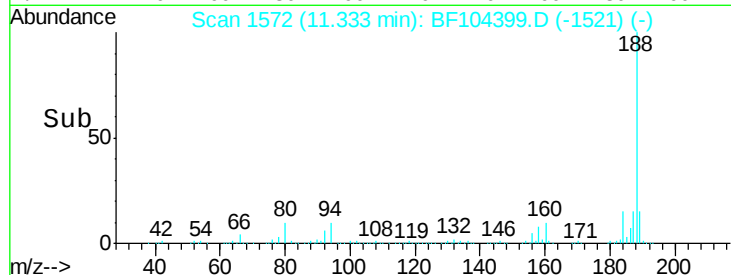
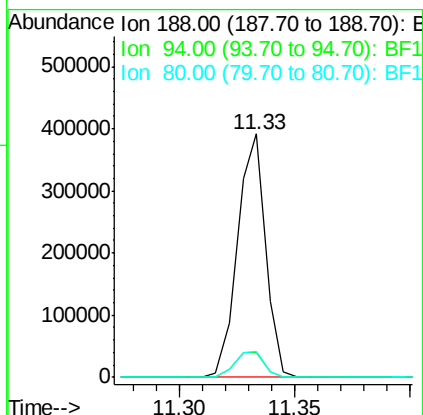
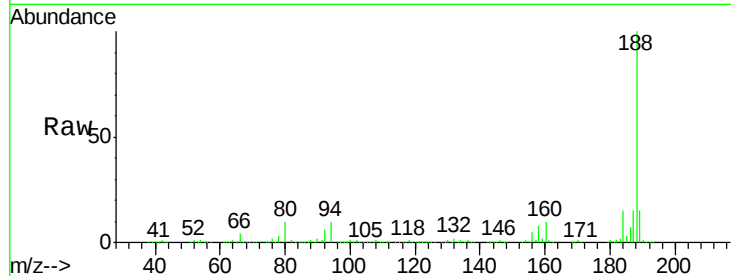




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104399.D
Acq: 10 Apr 2018 10:37

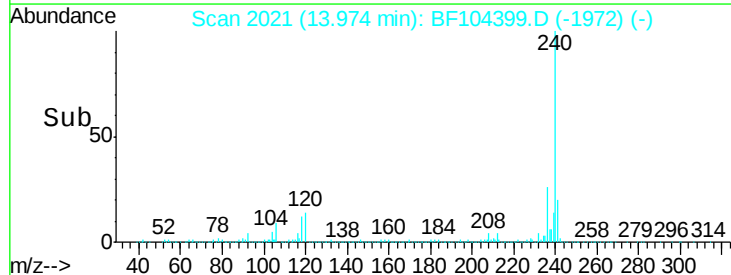
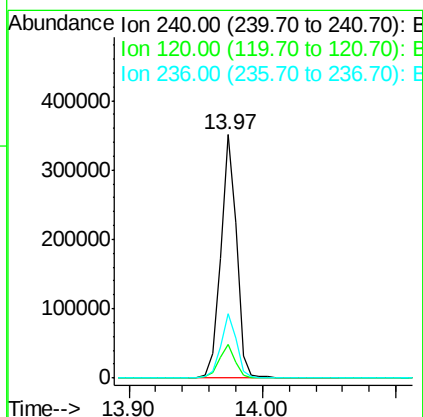
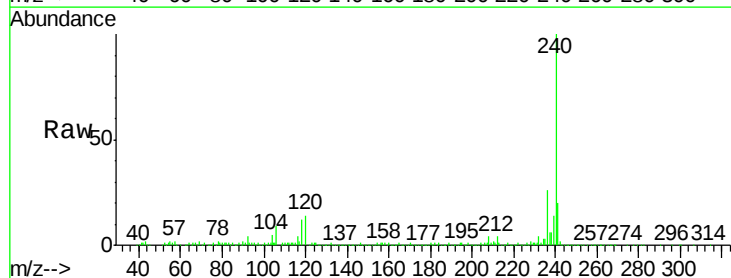
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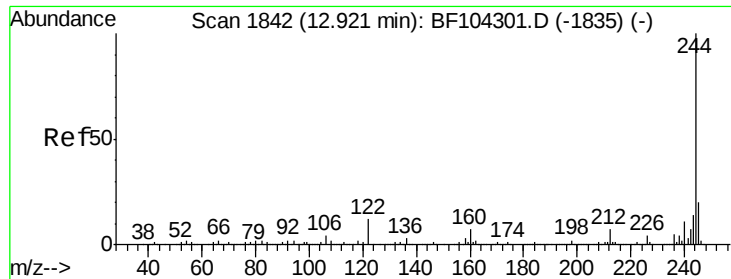
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.5	9.2	13.8



#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

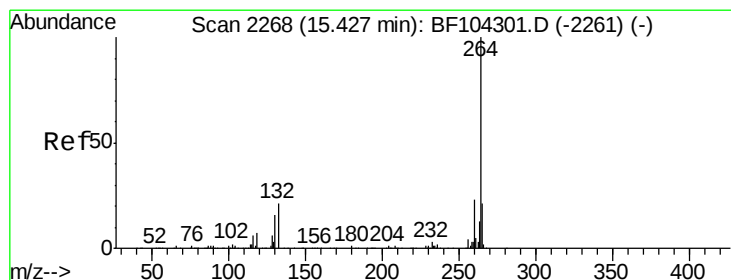
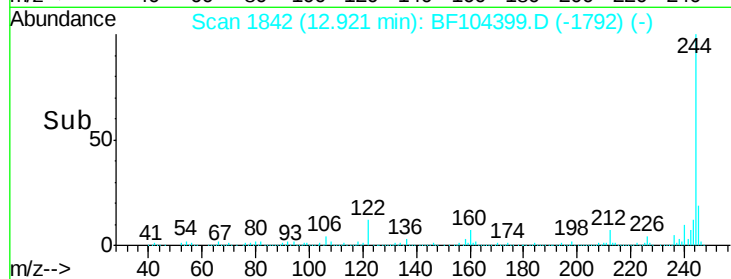
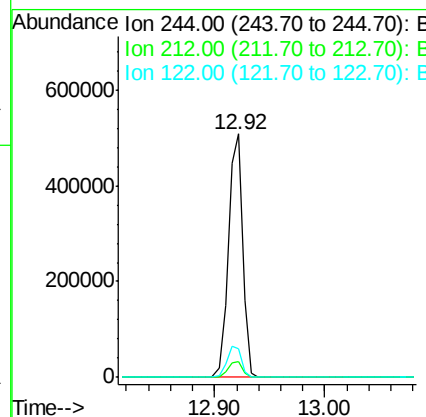
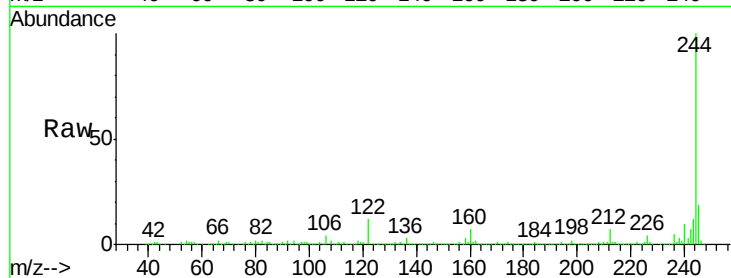




#78
 Terphenyl-d14
 Concen: 36.040 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BF104399.D
 Acq: 10 Apr 2018 10:37

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

Tot Ion:244 Resp: 462447
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.9 11.0 16.4



#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

