

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104522.D
 Acq On : 14 Apr 2018 12:54
 Operator : JU/SJ
 Sample : J2368-16
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 041118-SIDI-E-U-M

Quant Time: Apr 16 01:29:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

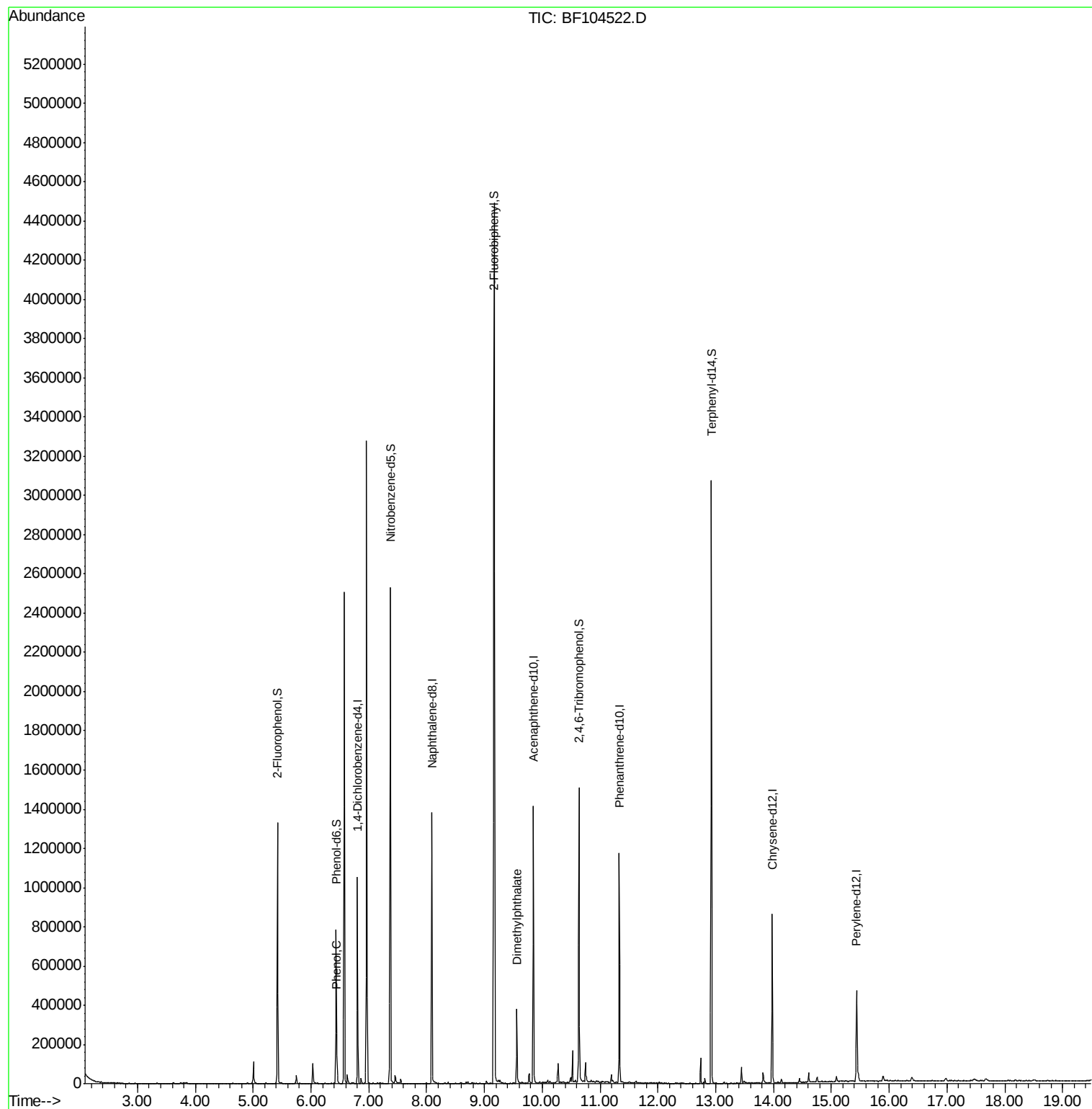
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	156159	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	620228	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	254131	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	367934	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	290662	20.00	ng	-0.02
86) Perylene-d12	15.44	264	219584	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	381359	37.34	ng	0.00
7) Phenol-d6	6.44	99	277020	22.08	ng	0.00
23) Nitrobenzene-d5	7.37	82	938919	98.85	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	185714	70.45	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1477034	91.82	ng	0.00
78) Terphenyl-d14	12.93	244	1072373	84.11	ng	0.00
Target Compounds						
10) Phenol	6.45	94	31492	2.365	ng	95
49) Dimethylphthalate	9.56	163	155838	7.776	ng	100

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

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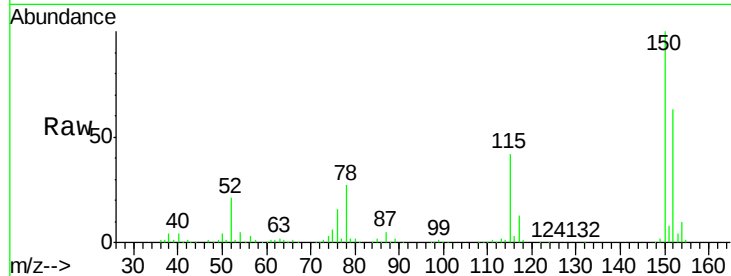


#1

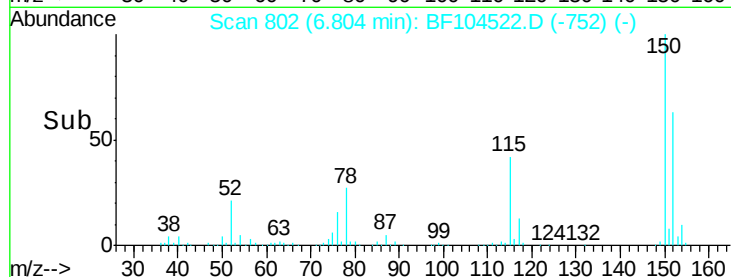
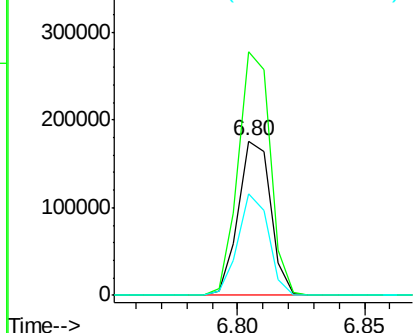
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF104522.D
Acq: 14 Apr 2018 12:54

Instrument :
BNA_F
ClientSampleId :
041118-SIDI-E-U-M

Tot Ion:152 Resp: 156159
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 66.0 50.1 75.1



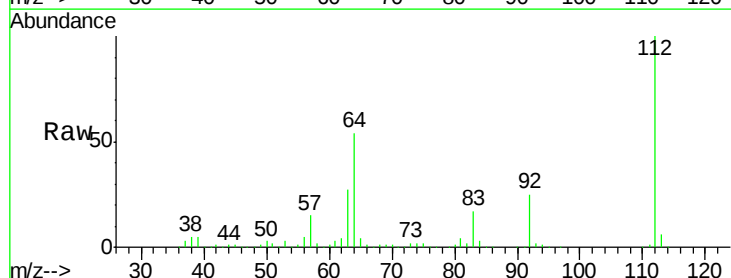
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



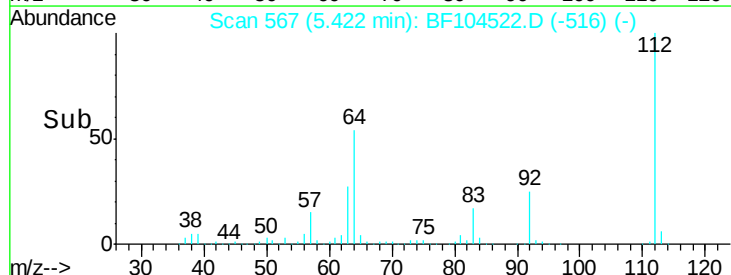
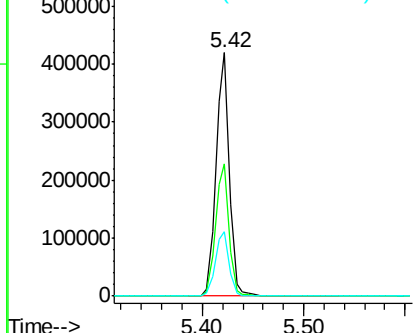
#5

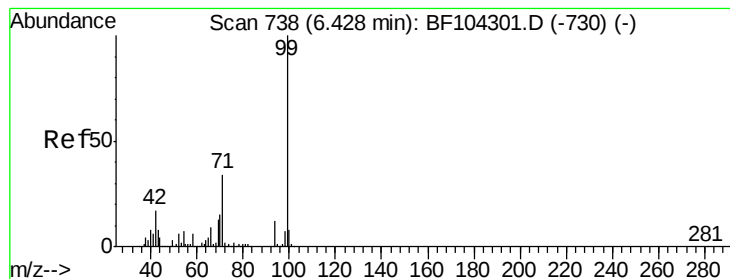
2-Fluorophenol
Concen: 37.341 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF104522.D
Acq: 14 Apr 2018 12:54

Tgt Ion:112 Resp: 381359
Ion Ratio Lower Upper
112 100
64 54.2 47.9 71.9
63 26.7 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: 22.077 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104522.D

Acq: 14 Apr 2018 12:54

Instrument :

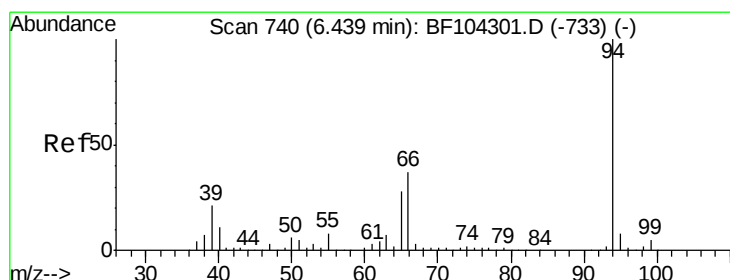
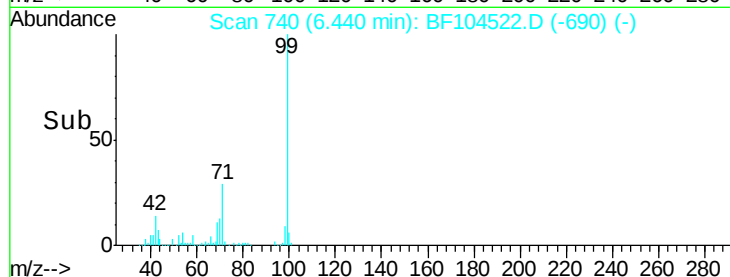
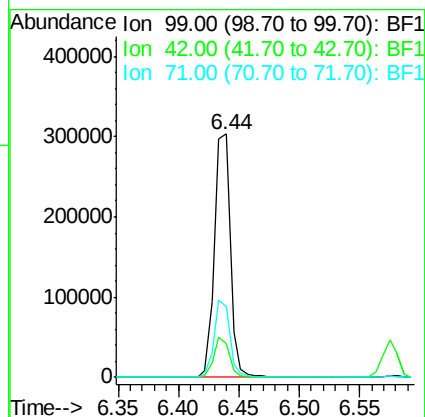
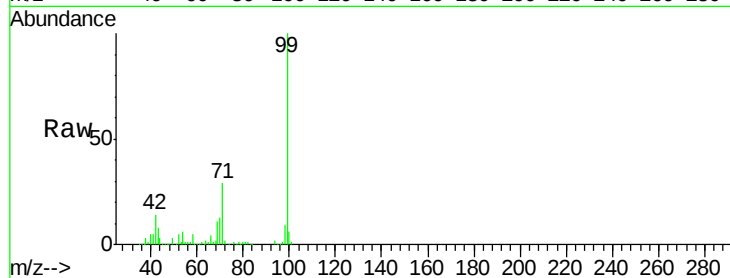
BNA_F

ClientSampleId :

041118-SIDI-E-U-M

Tot Ion: 99 Resp: 277020

Ion	Ratio	Lower	Upper
99	100		
42	14.1	14.5	21.7#
71	29.3	25.4	38.0



#10

Phenol

Concen: 2.365 ng

RT: 6.45 min Scan# 742

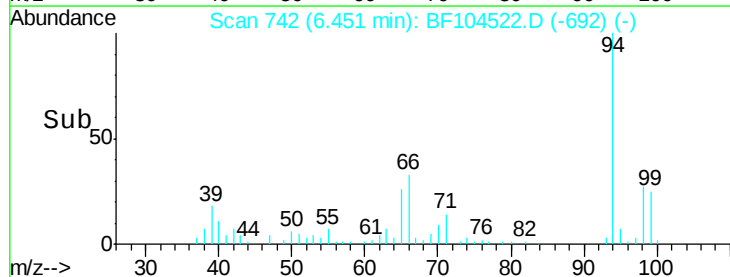
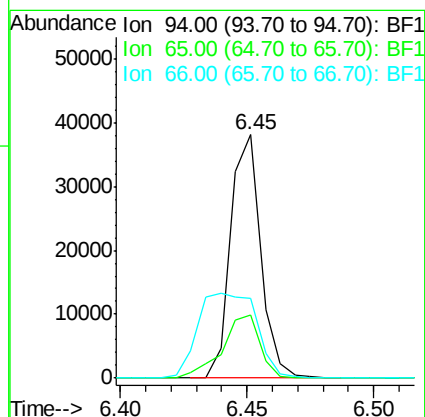
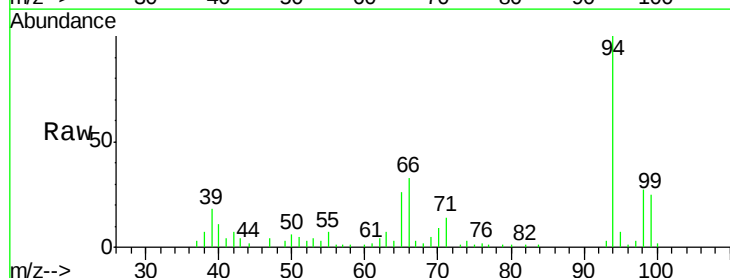
Delta R.T. -0.01 min

Lab File: BF104522.D

Acq: 14 Apr 2018 12:54

Tgt Ion: 94 Resp: 31492

Ion	Ratio	Lower	Upper
94	100		
65	25.7	7.9	47.9
66	32.7	16.2	56.2

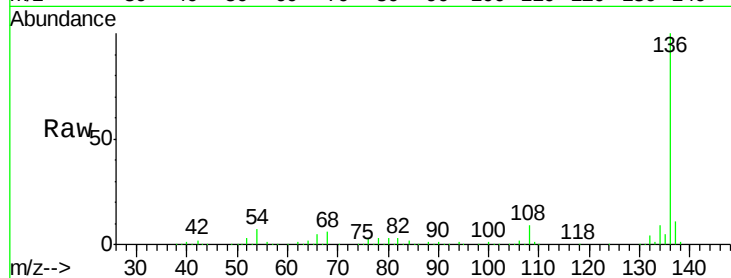




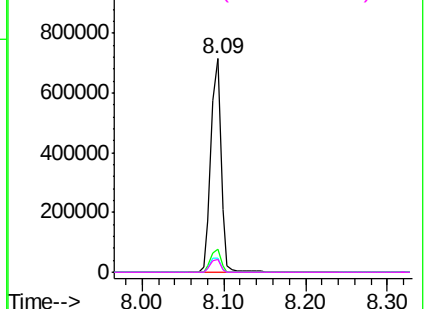
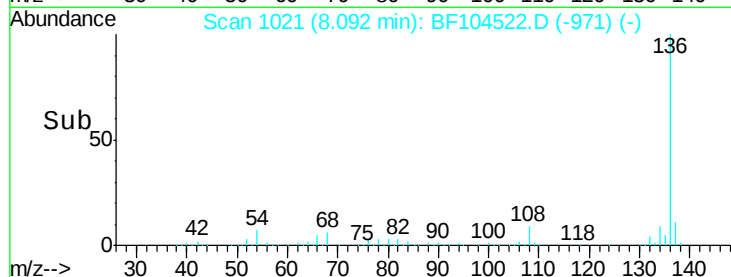
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104522.D
Acq: 14 Apr 2018 12:54

Instrument :
BNA_F
ClientSampleId :
041118-SIDI-E-U-M

Tot Ion:136	Resp: 620228
Ion Ratio	Lower Upper
136 100	
137 10.7	8.9 13.3
54 6.7	6.6 9.8
68 6.1	5.0 7.4

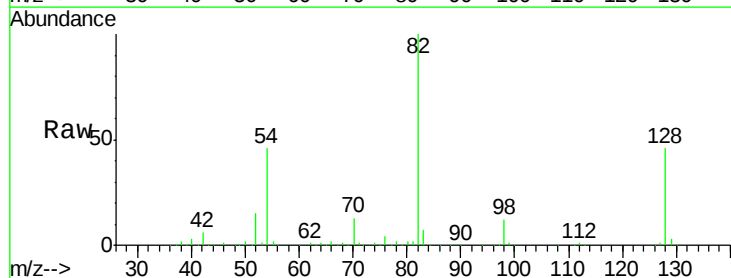


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

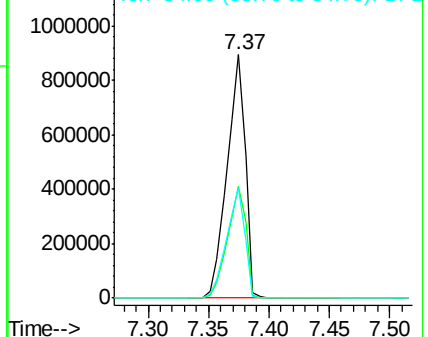
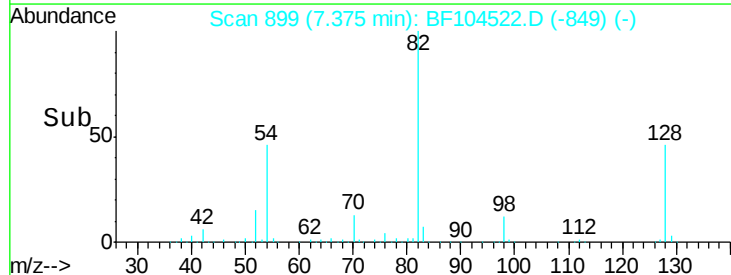


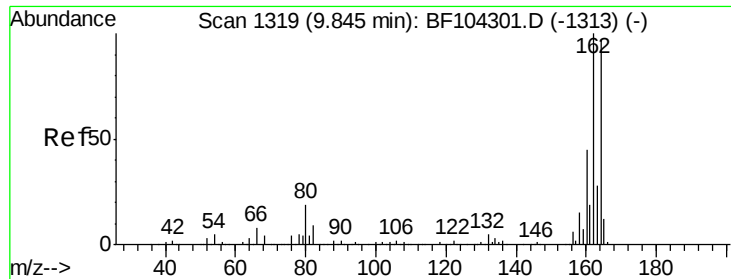
#23
Nitrobenzene-d5
Concen: 98.850 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104522.D
Acq: 14 Apr 2018 12:54

Tgt Ion: 82	Resp: 938919
Ion Ratio	Lower Upper
82 100	
128 46.0	36.1 54.1
54 45.6	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: BF104522.D

Acq: 14 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

041118-SIDI-E-U-M

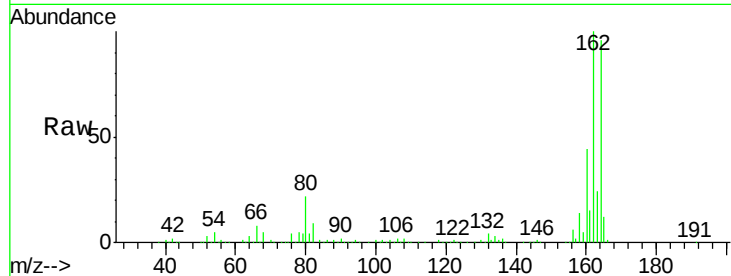
Tot Ion:164 Resp: 254131

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

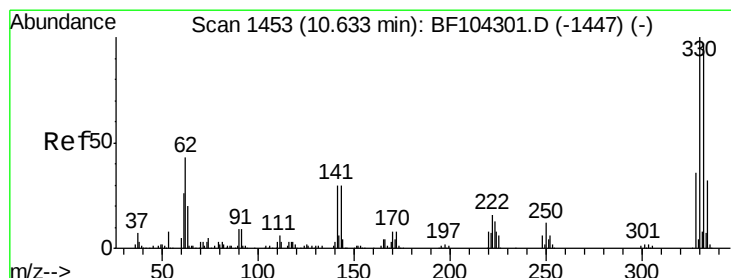
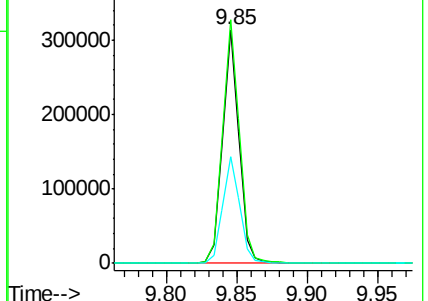
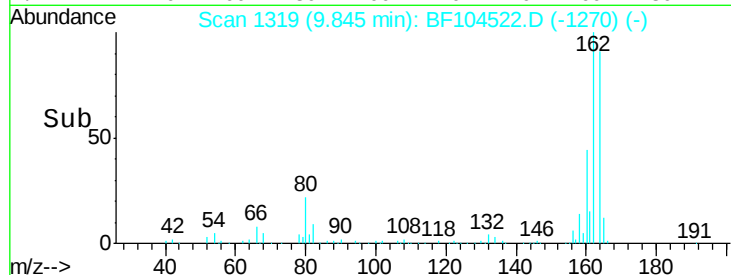
160 45.4 38.3 57.5



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: 70.448 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF104522.D

Acq: 14 Apr 2018 12:54

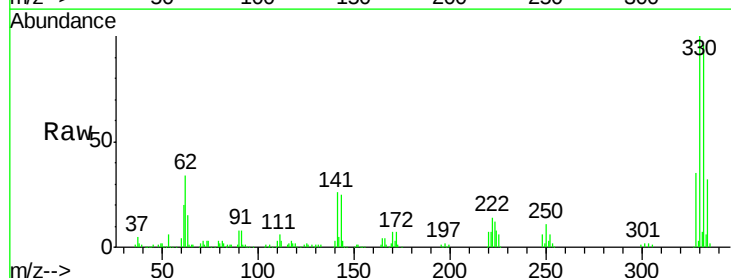
Tgt Ion:330 Resp: 185714

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

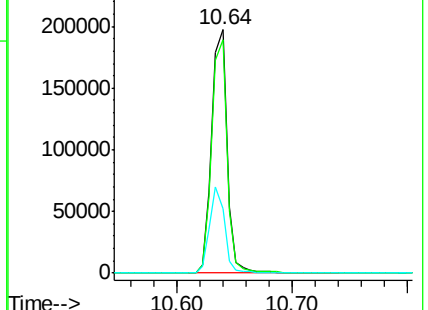
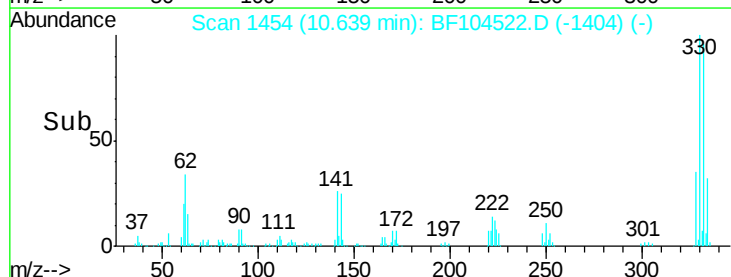
141 34.5 29.9 44.9



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

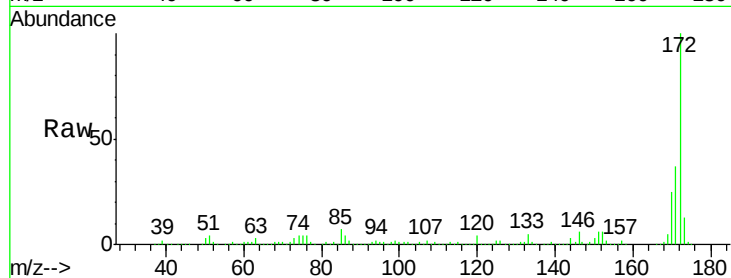




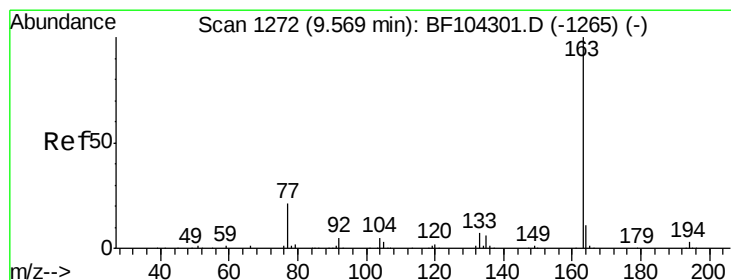
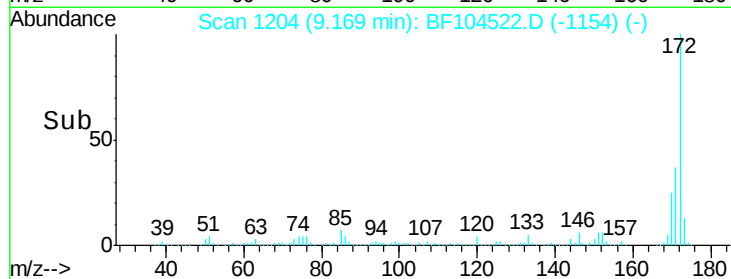
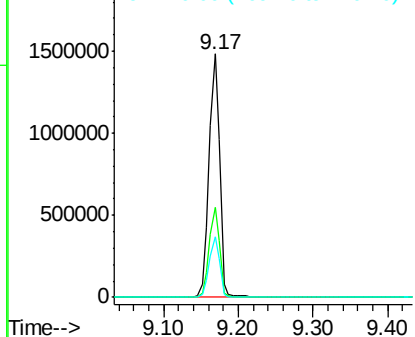
#44
 2-Fluorobiphenyl
 Concen: 91.817 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104522.D
 Acq: 14 Apr 2018 12:54

Instrument :
 BNA_F
 ClientSampleId :
 041118-SIDI-E-U-M

Tot Ion:172 Resp: 1477034
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 24.6 19.6 29.4

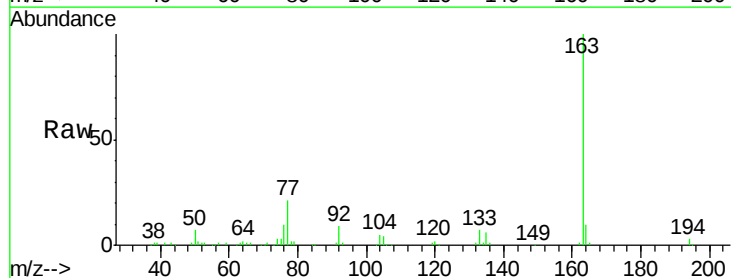


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

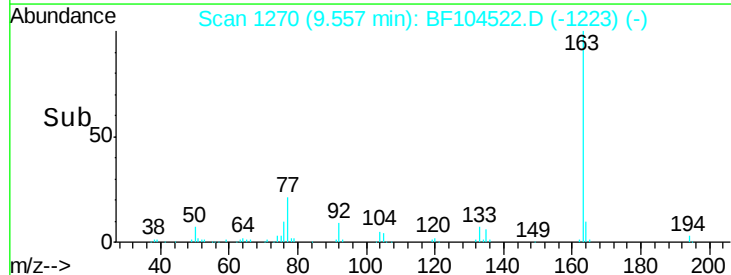
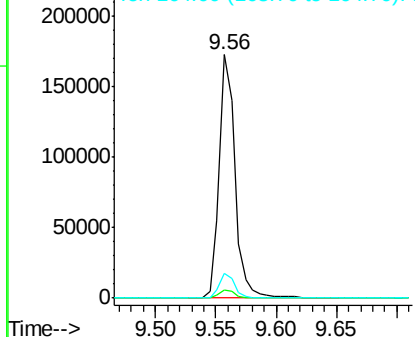


#49
 Dimethylphthalate
 Concen: 7.776 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF104522.D
 Acq: 14 Apr 2018 12:54

Tgt Ion:163 Resp: 155838
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.7 4.1
 164 10.3 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

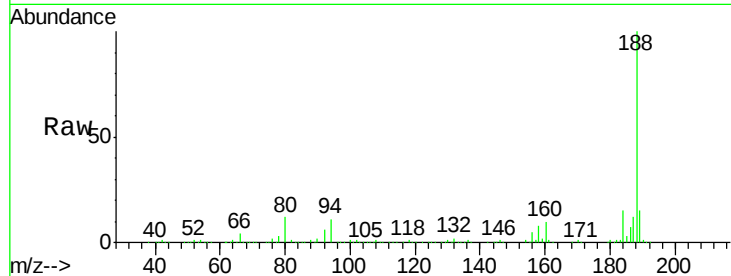




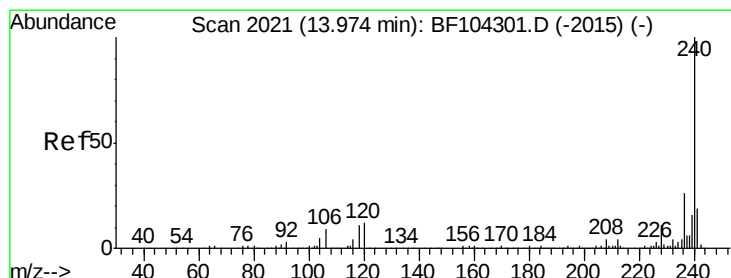
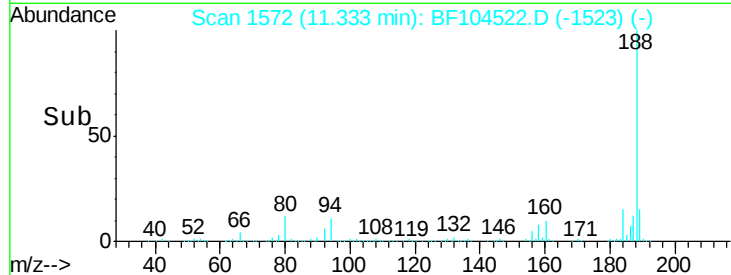
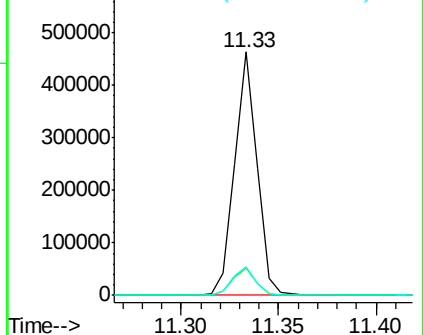
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF104522.D
Acq: 14 Apr 2018 12:54

Instrument :
BNA_F
ClientSampleId :
041118-SIDI-E-U-M

Tot Ion:188 Resp: 367934
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.0 9.2 13.8

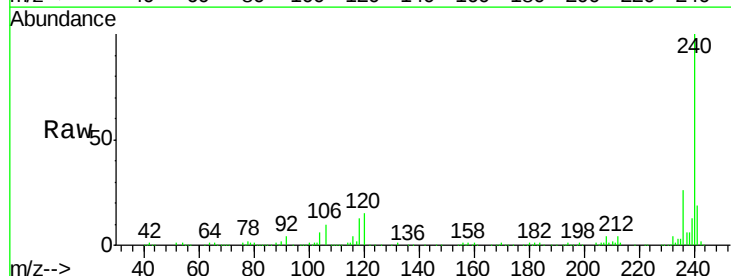


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

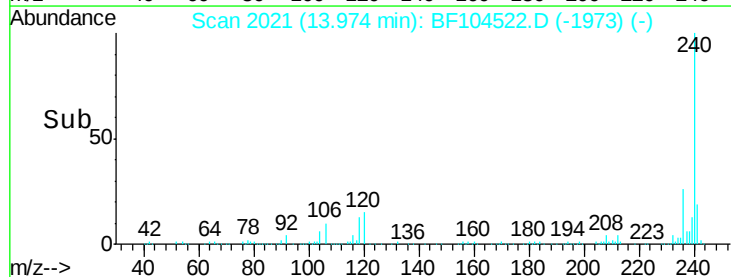
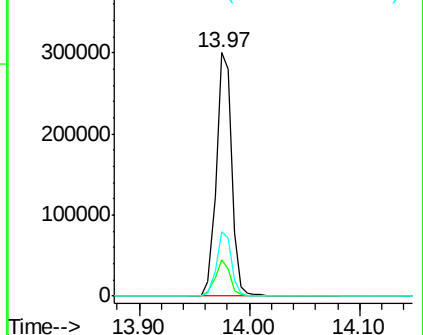


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF104522.D
Acq: 14 Apr 2018 12:54

Tgt Ion:240 Resp: 290662
Ion Ratio Lower Upper
240 100
120 14.9 9.5 14.3#
236 26.3 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

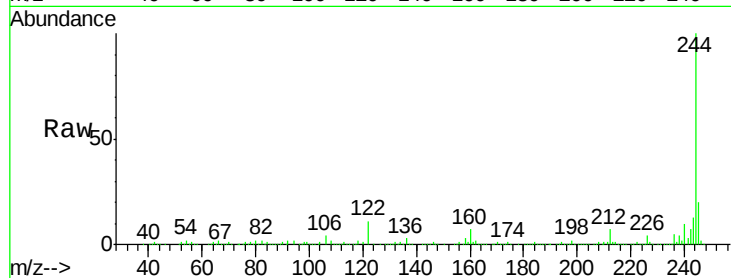




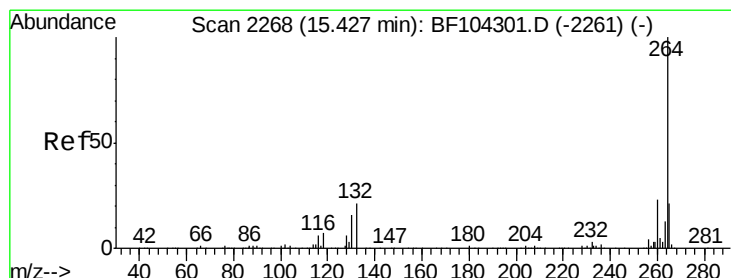
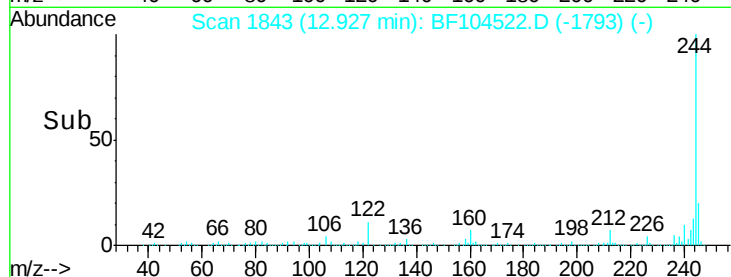
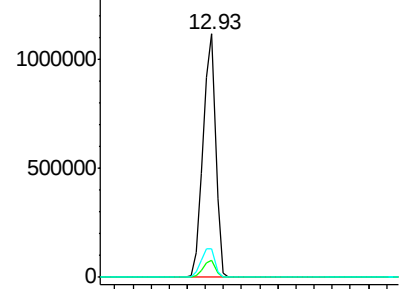
#78
 Terphenyl-d14
 Concen: 84.112 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF104522.D
 Acq: 14 Apr 2018 12:54

Instrument :
 BNA_F
 ClientSampleId :
 041118-SIDI-E-U-M

Tot Ion:244 Resp: 1072373
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.5 11.0 16.4

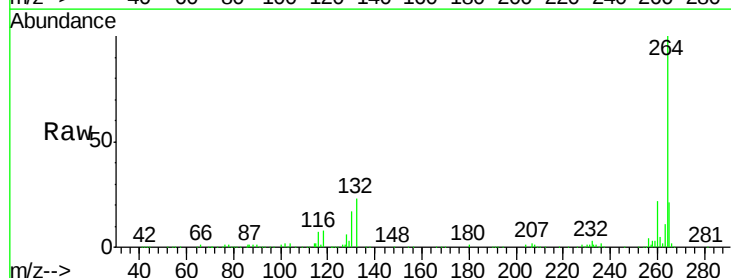


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.02 min
 Lab File: BF104522.D
 Acq: 14 Apr 2018 12:54

Tgt Ion:264 Resp: 219584
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.2 28.8
 265 21.1 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

