

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104337.D
 Acq On : 7 Apr 2018 5:27
 Operator : JU/SJ
 Sample : J2225-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 040218-SIDI-F-D-M

Quant Time: Apr 07 06:45:19 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

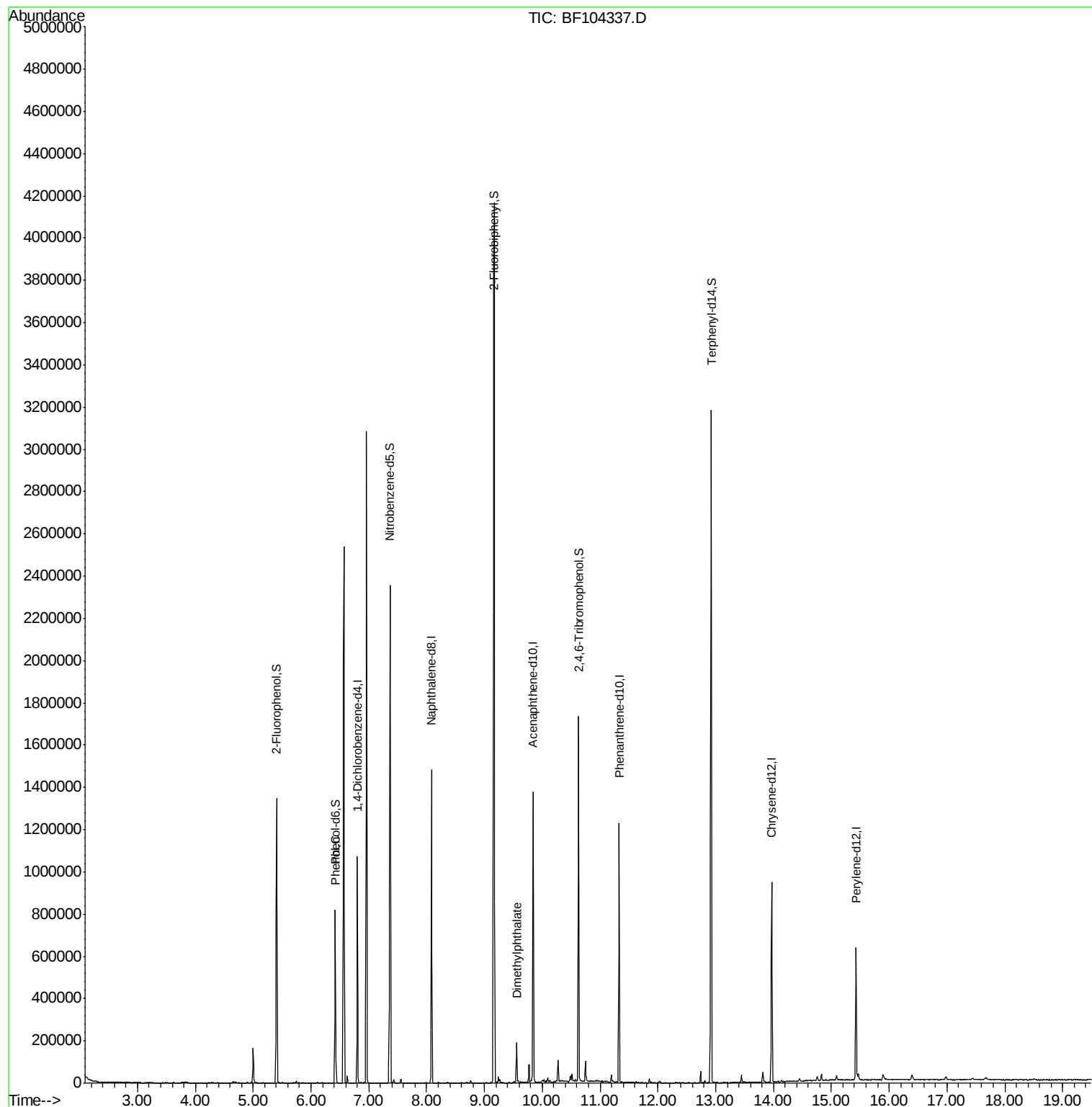
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	149872	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	604936	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	265697	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	388707	20.00	ng	0.00
75) Chrysene-d12	13.97	240	292320	20.00	ng	0.00
86) Perylene-d12	15.43	264	263195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	361466	36.88	ng	0.00
7) Phenol-d6	6.42	99	267470	22.21	ng	-0.01
23) Nitrobenzene-d5	7.37	82	904156	97.60	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	203798	73.94	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1461997	86.93	ng	0.00
78) Terphenyl-d14	12.92	244	1064024	82.98	ng	0.00
Target Compounds						
10) Phenol	6.43	94	36352	2.845	ng	96
49) Dimethylphthalate	9.56	163	65314	3.117	ng	99

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

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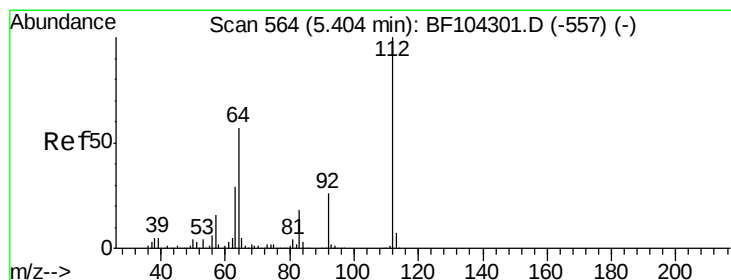
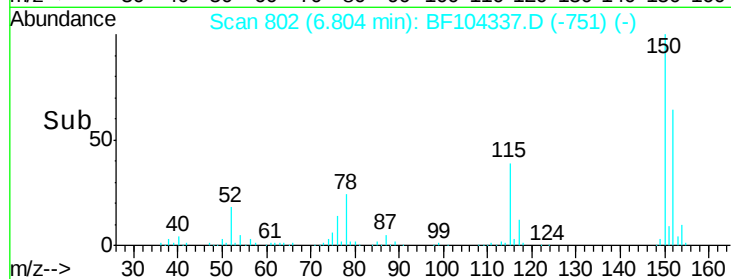
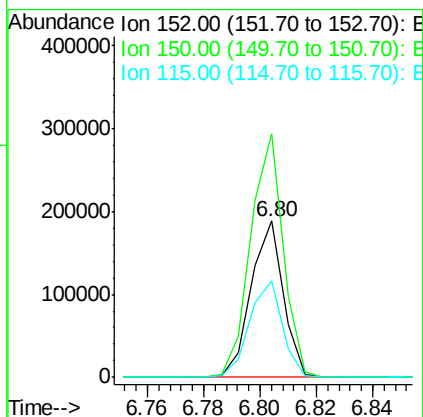
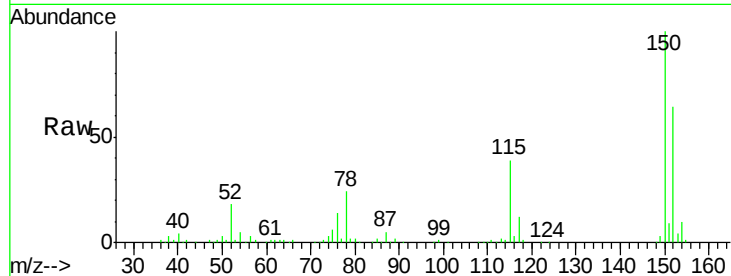


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104337.D
Acq: 7 Apr 2018 5:27

Instrument :
BNA_F
ClientSampleId :
040218-SIDI-F-D-M

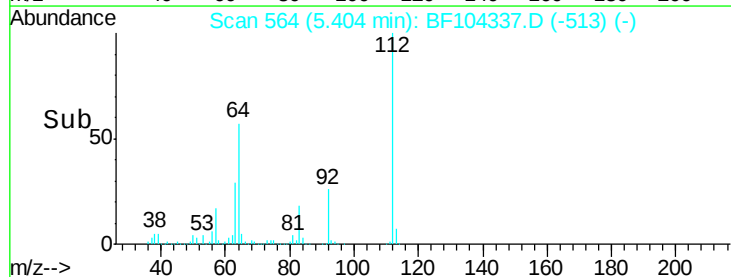
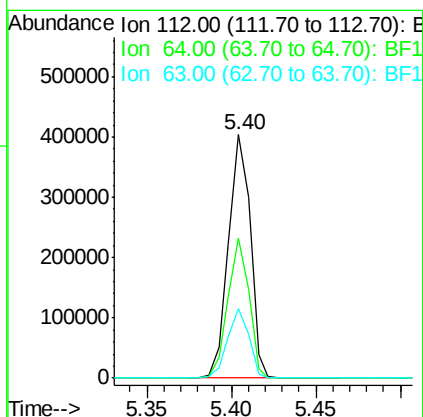
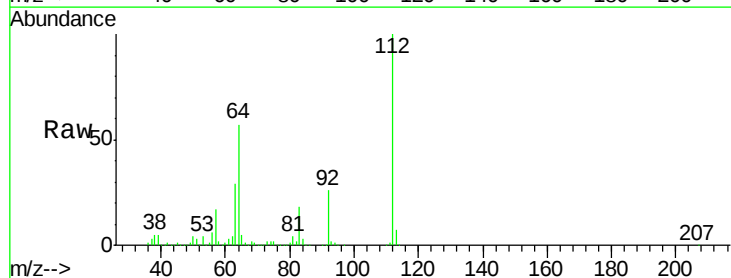
Tot Ion:152 Resp: 149872
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 61.4 50.1 75.1



#5

2-Fluorophenol
Concen: 36.878 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF104337.D
Acq: 7 Apr 2018 5:27

Tgt Ion:112 Resp: 361466
Ion Ratio Lower Upper
112 100
64 57.4 47.9 71.9
63 28.7 23.7 35.5





#7

Phenol-d6

Concen: 22.210 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF104337.D

Acq: 7 Apr 2018 5:27

Instrument :

BNA_F

ClientSampleId :

040218-SIDI-F-D-M

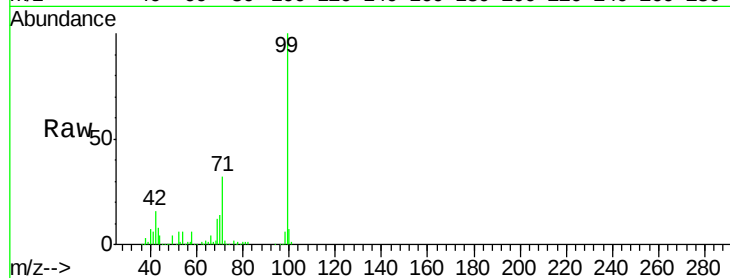
Tot Ion: 99 Resp: 267470

Ion Ratio Lower Upper

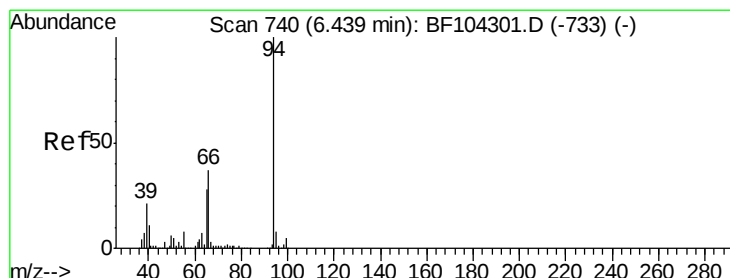
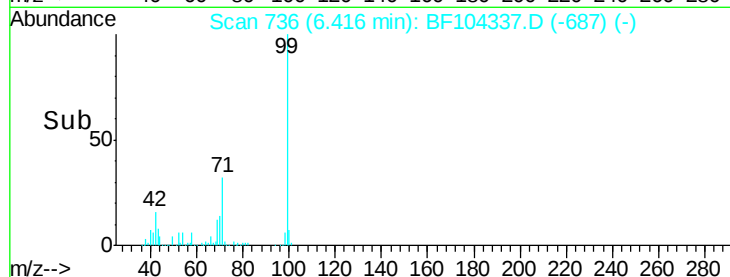
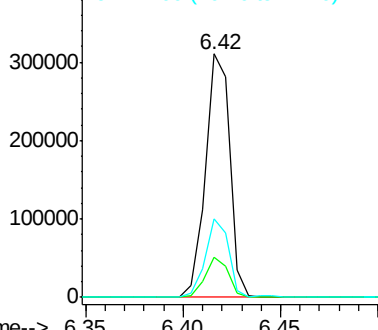
99 100

42 16.5 14.5 21.7

71 32.4 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: 2.845 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF104337.D

Acq: 7 Apr 2018 5:27

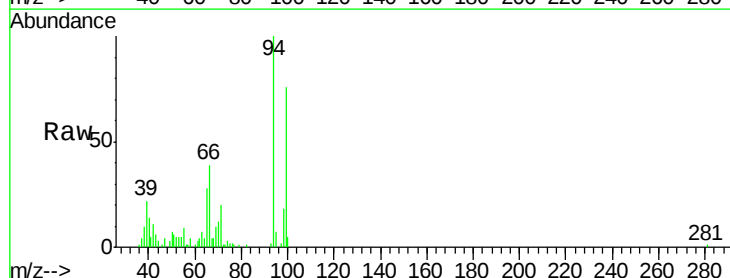
Tgt Ion: 94 Resp: 36352

Ion Ratio Lower Upper

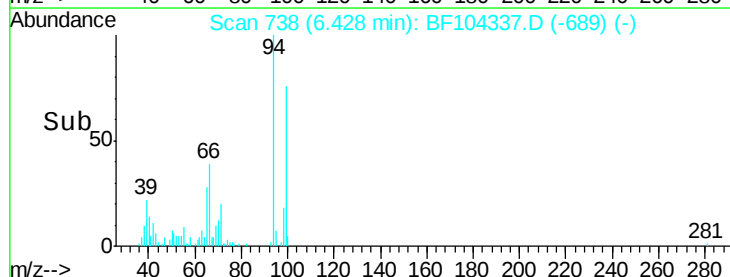
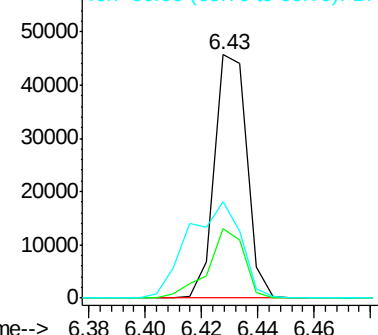
94 100

65 28.5 7.9 47.9

66 39.5 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. -0.00 min

Lab File: BF104337.D

Acq: 7 Apr 2018 5:27

Instrument :

BNA_F

ClientSampleId :

040218-SIDI-F-D-M

Tot Ion:136 Resp: 604936

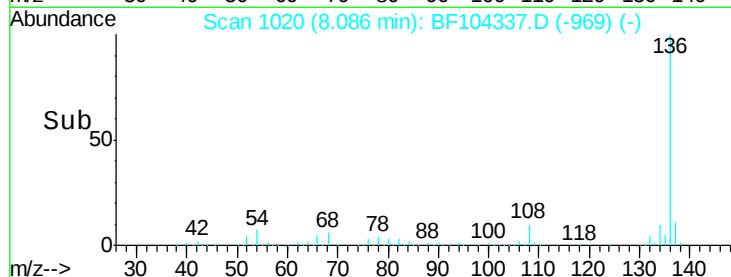
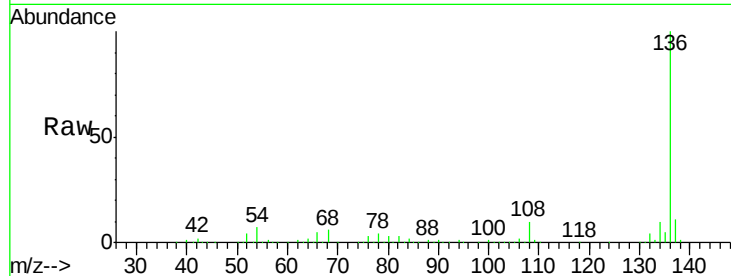
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.9 6.6 9.8

68 5.9 5.0 7.4

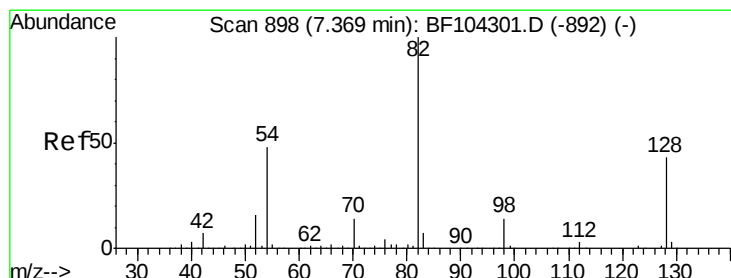
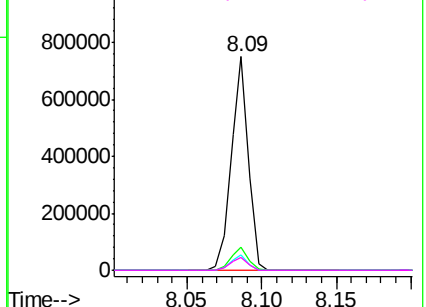


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.596 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF104337.D

Acq: 7 Apr 2018 5:27

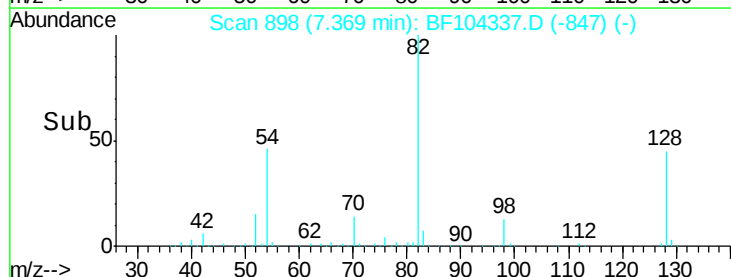
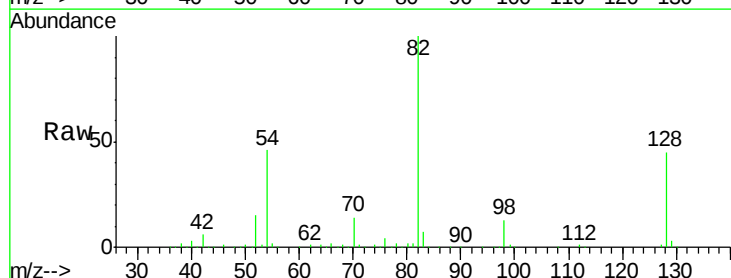
Tgt Ion: 82 Resp: 904156

Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

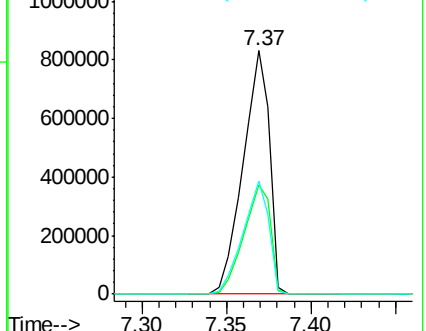
54 46.2 41.4 62.2

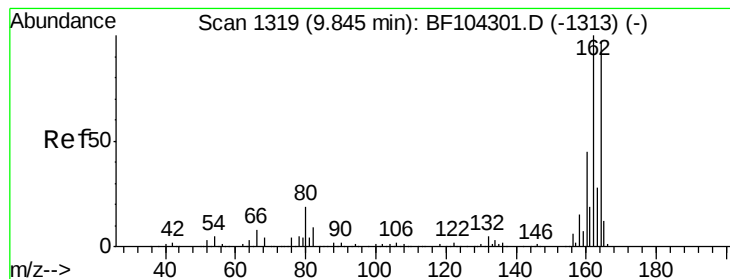


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104337.D

Acq: 7 Apr 2018 5:27

Instrument :

BNA_F

ClientSampleId :

040218-SIDI-F-D-M

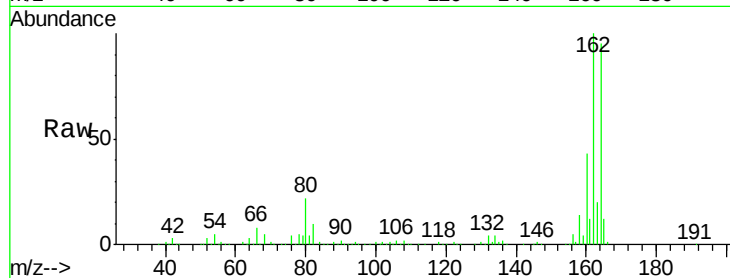
Tot Ion:164 Resp: 265697

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

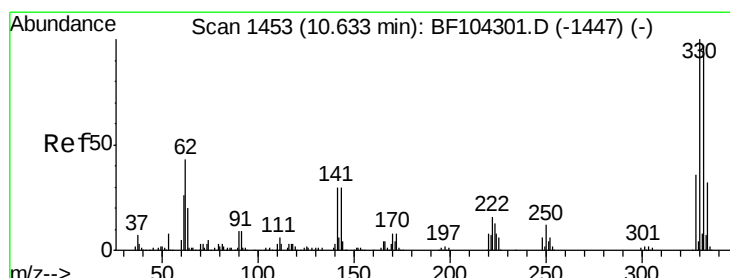
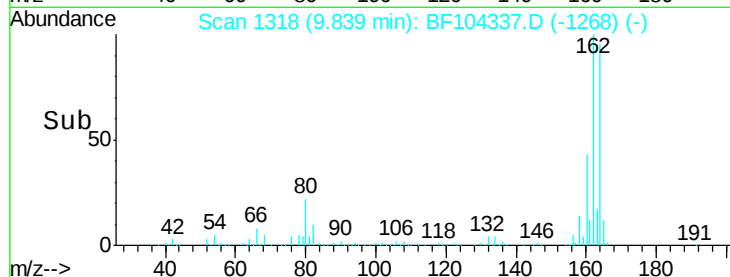
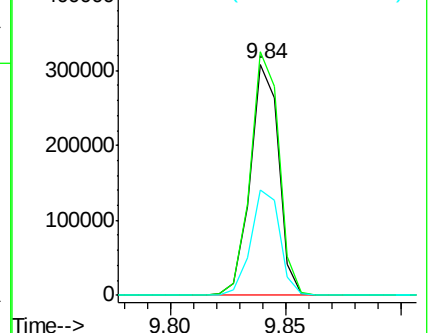
160 45.4 38.3 57.5



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: 73.943 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF104337.D

Acq: 7 Apr 2018 5:27

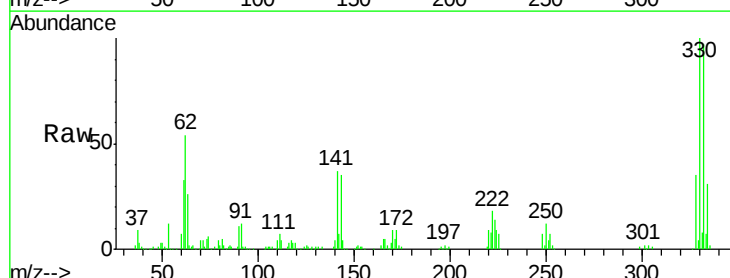
Tgt Ion:330 Resp: 203798

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

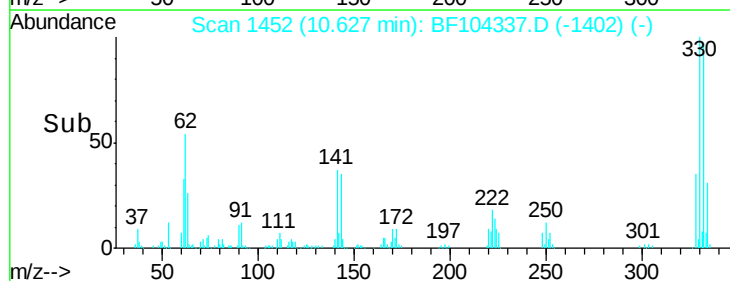
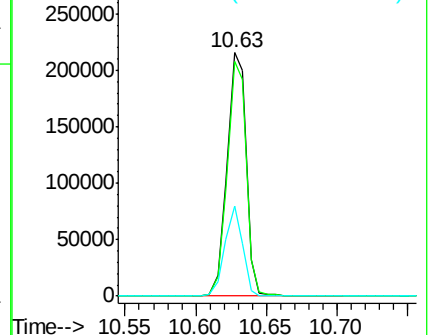
141 34.5 29.9 44.9



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

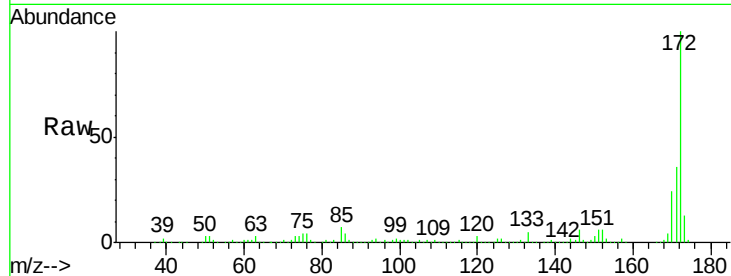




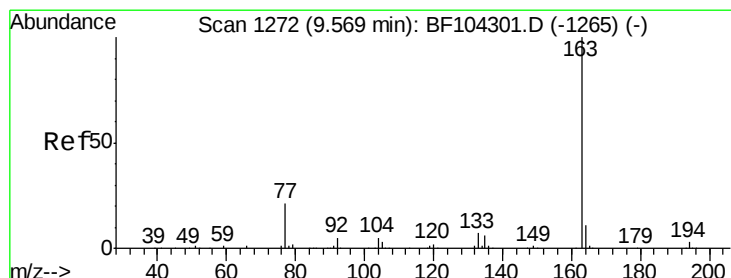
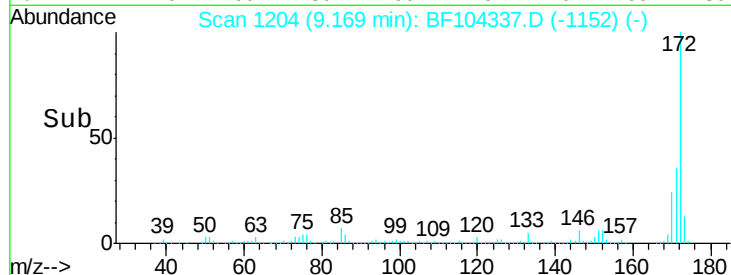
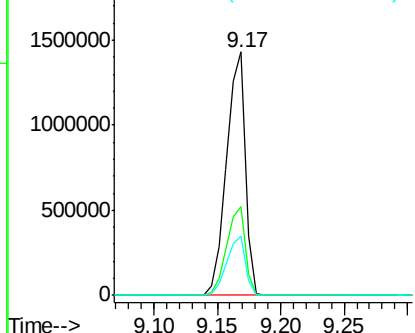
#44
2-Fluorobiphenyl
Concen: 86.926 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF104337.D
Acq: 7 Apr 2018 5:27

Instrument :
BNA_F
ClientSampleId :
040218-SIDI-F-D-M

Tot Ion:172 Resp: 1461997
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.3 19.6 29.4

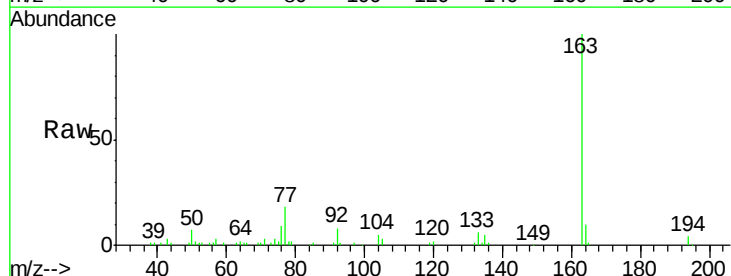


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

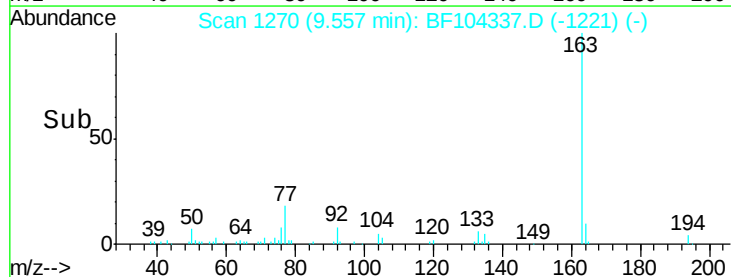
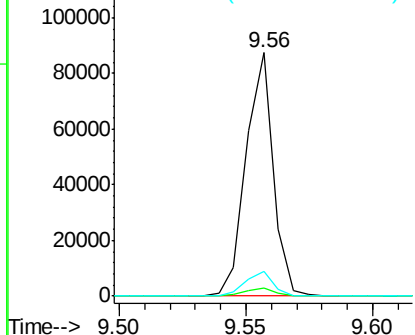


#49
Dimethylphthalate
Concen: 3.117 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104337.D
Acq: 7 Apr 2018 5:27

Tgt Ion:163 Resp: 65314
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.9 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

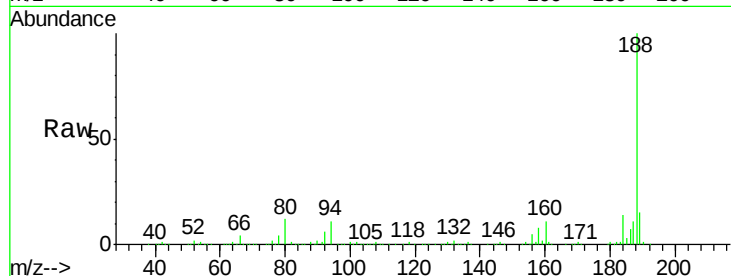




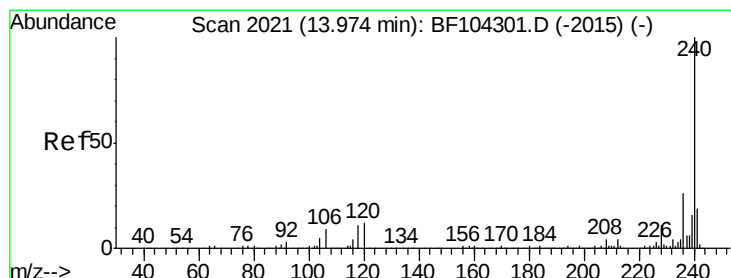
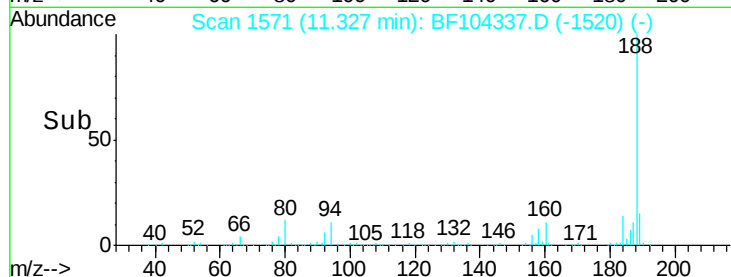
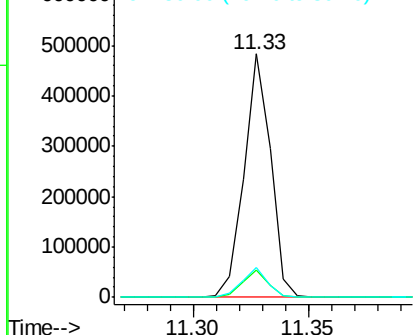
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF104337.D
Acq: 7 Apr 2018 5:27

Instrument :
BNA_F
ClientSampleId :
040218-SIDI-F-D-M

Tot Ion:188 Resp: 388707
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.1 9.2 13.8

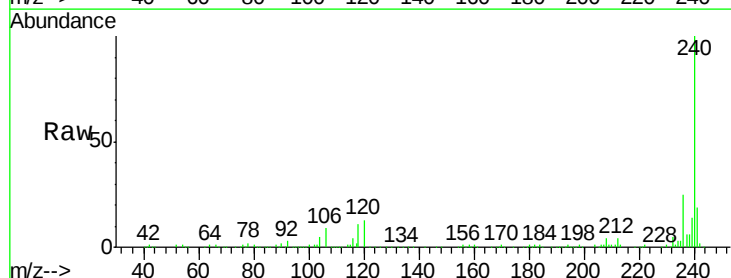


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

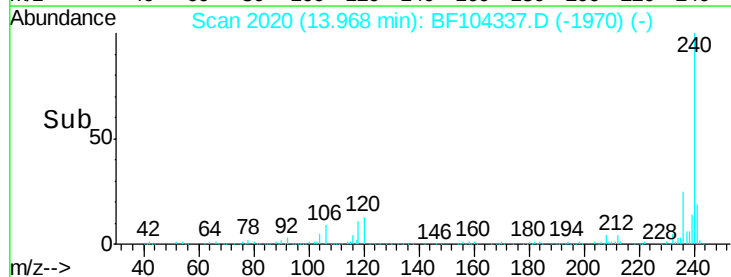
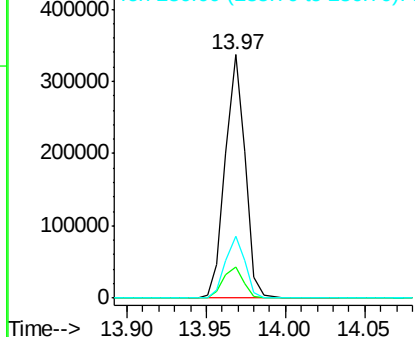


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104337.D
Acq: 7 Apr 2018 5:27

Tgt Ion:240 Resp: 292320
Ion Ratio Lower Upper
240 100
120 13.0 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: 82.984 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104337.D

Acq: 7 Apr 2018 5:27

Instrument :

BNA_F

ClientSampleId :

040218-SIDI-F-D-M

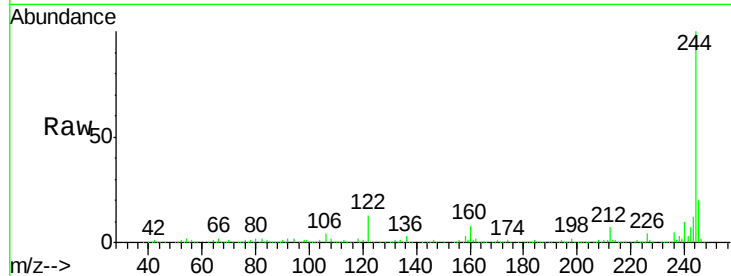
Tot Ion:244 Resp: 1064024

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

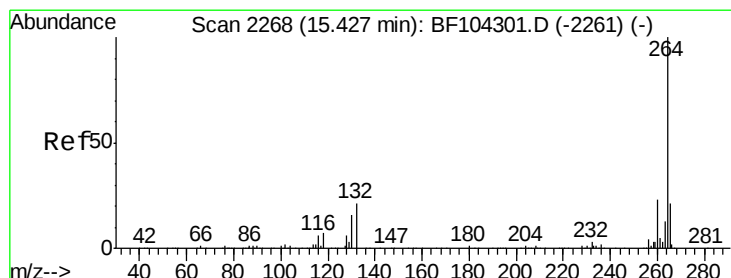
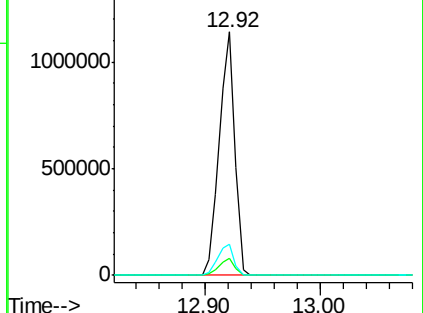
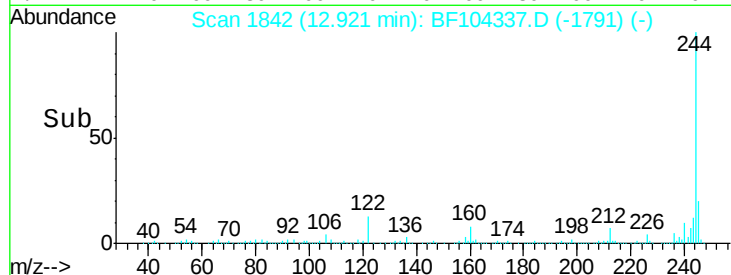
122 12.6 11.0 16.4



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: 15.43 min Scan# 2268

Delta R.T. -0.00 min

Lab File: BF104337.D

Acq: 7 Apr 2018 5:27

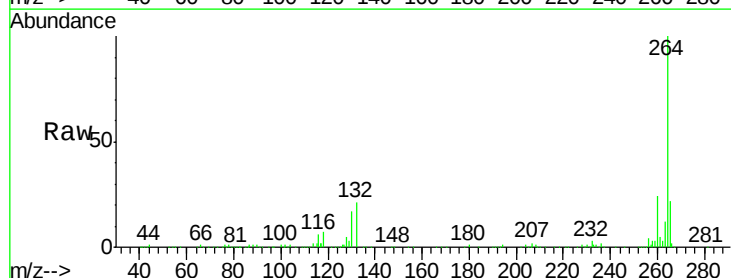
Tgt Ion:264 Resp: 263195

Ion Ratio Lower Upper

264 100

260 23.6 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

