

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104732.D
 Acq On : 24 Apr 2018 3:27
 Operator : JU/SJ
 Sample : J2494-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 042018-SIDI-E-D-M

Quant Time: Apr 24 05:37:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	121470	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	498834	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	219859	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	361948	20.00	ng	0.00
75) Chrysene-d12	13.99	240	227395	20.00	ng	0.00
86) Perylene-d12	15.46	264	169810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	358696	45.15	ng	0.00
7) Phenol-d6	6.45	99	280703	28.76	ng	0.00
23) Nitrobenzene-d5	7.37	82	791020	103.55	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	193657	84.91	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1324252	95.15	ng	0.00
78) Terphenyl-d14	12.93	244	1193312	119.64	ng	0.00

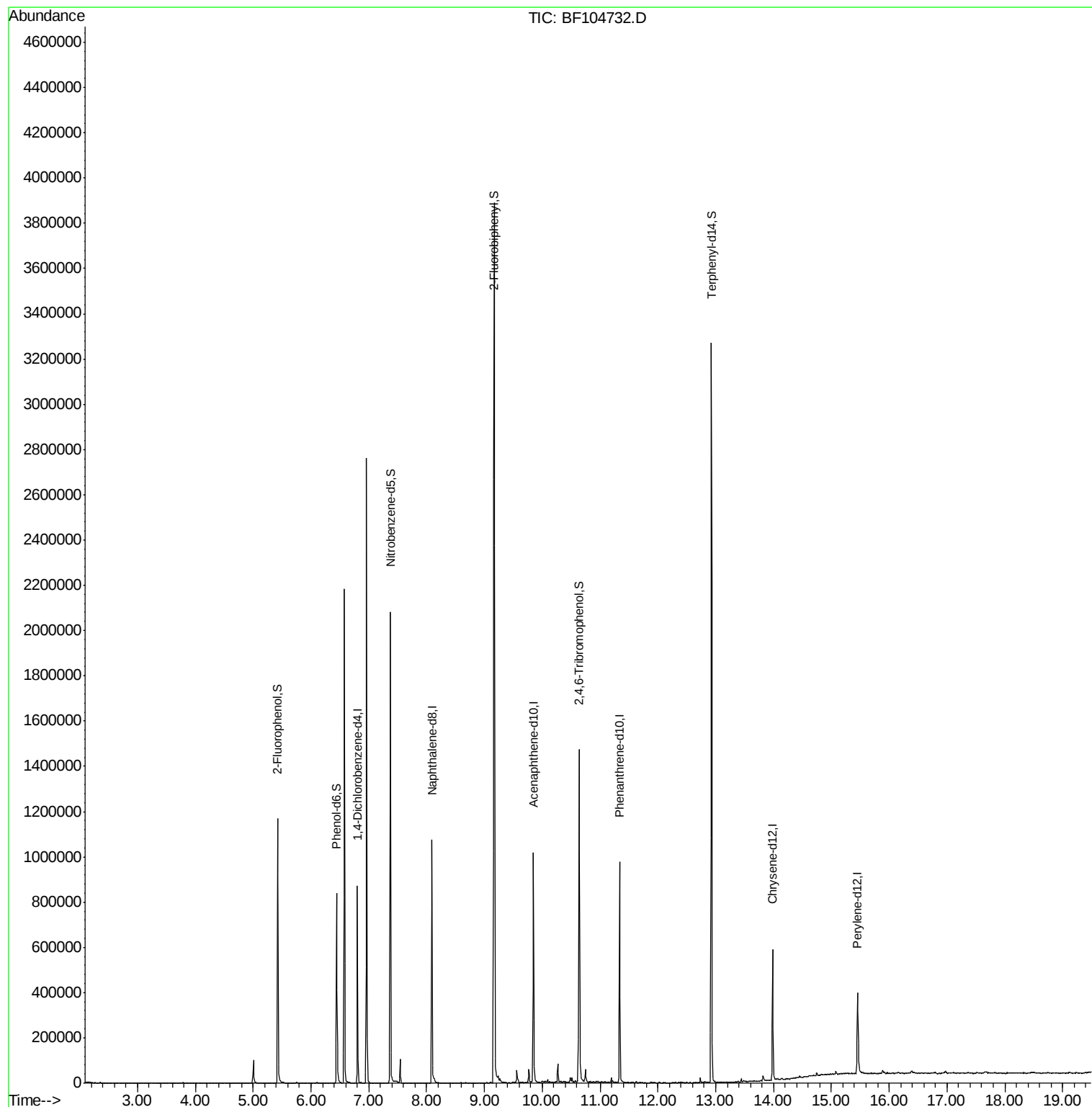
Target Compounds Qvalue

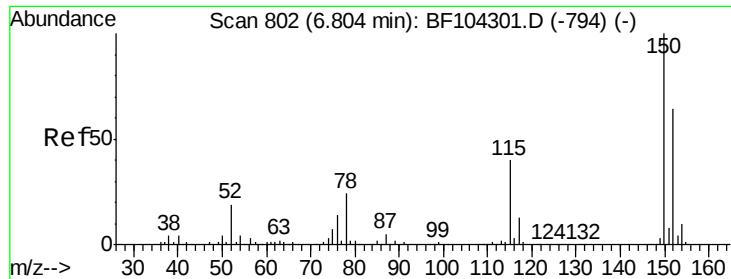
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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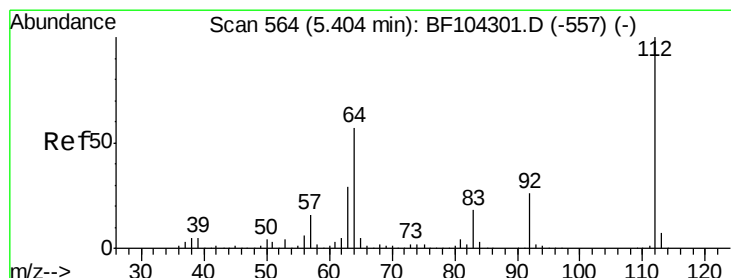
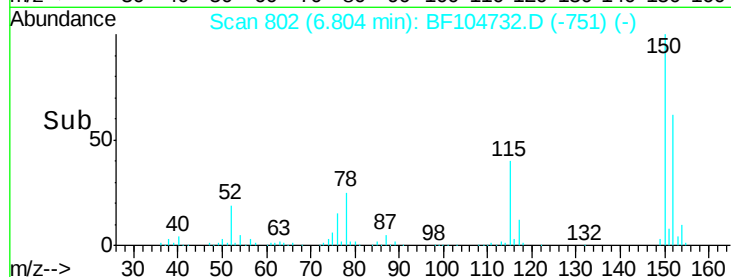
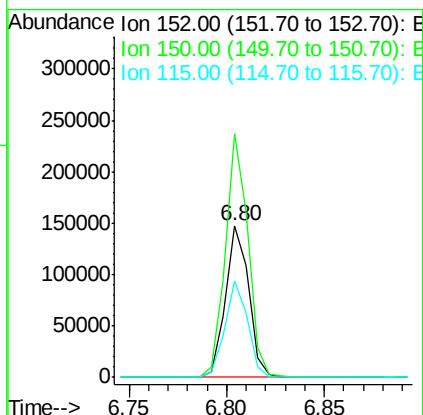
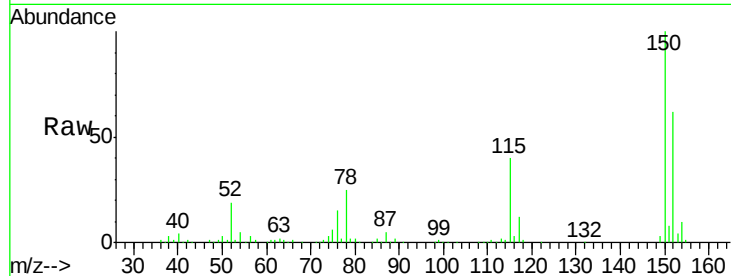


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104732.D
Acq: 24 Apr 2018 3:27

Instrument :
BNA_F
ClientSampleId :
042018-SIDI-E-D-M

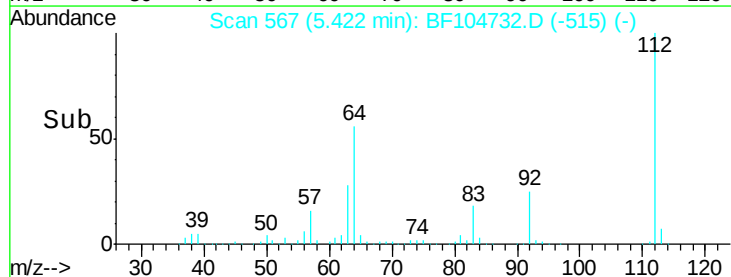
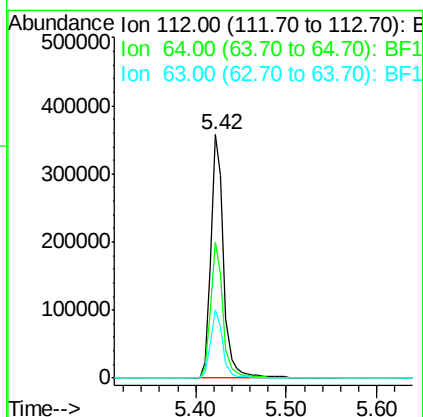
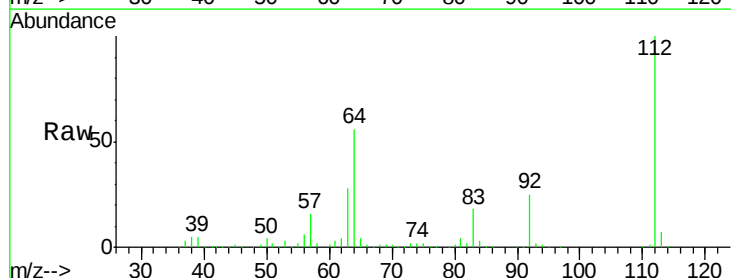
Tot Ion:152 Resp: 121470
Ion Ratio Lower Upper
152 100
150 160.6 124.6 186.8
115 63.9 50.1 75.1

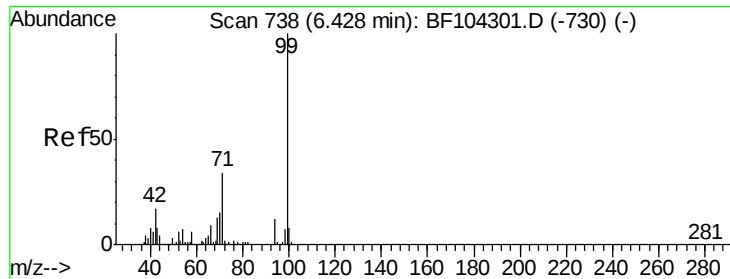


#5

2-Fluorophenol
Concen: 45.152 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104732.D
Acq: 24 Apr 2018 3:27

Tgt Ion:112 Resp: 358696
Ion Ratio Lower Upper
112 100
64 56.1 47.9 71.9
63 27.8 23.7 35.5





#7

Phenol-d6

Concen: 28.758 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104732.D

Acq: 24 Apr 2018 3:27

Instrument :

BNA_F

ClientSampleId :

042018-SIDI-E-D-M

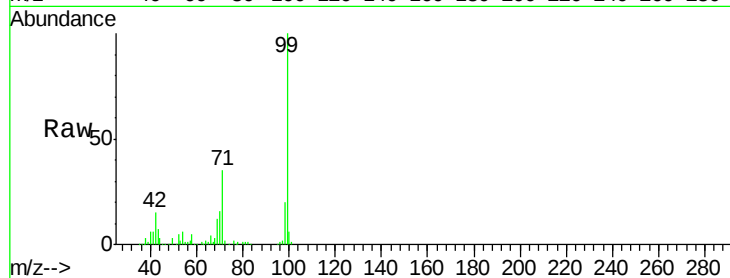
Tot Ion: 99 Resp: 280703

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

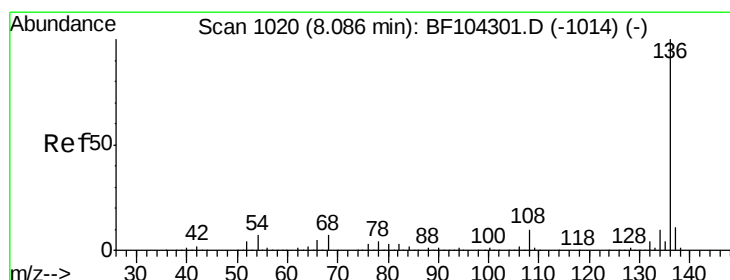
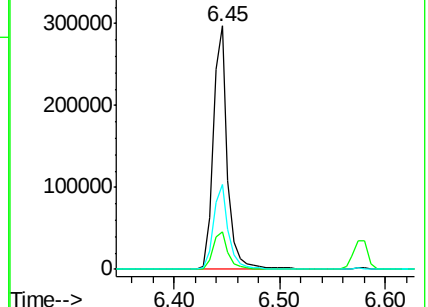
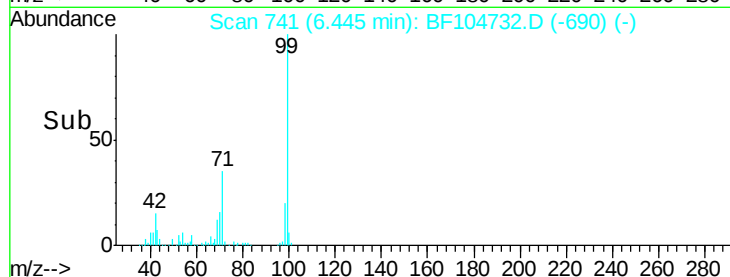
71 34.9 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104732.D

Acq: 24 Apr 2018 3:27

Tgt Ion: 136 Resp: 498834

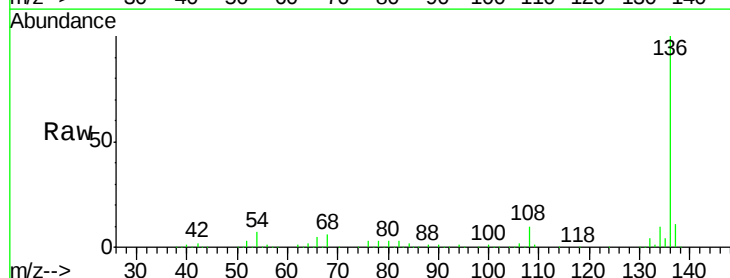
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.5 6.6 9.8#

68 5.8 5.0 7.4

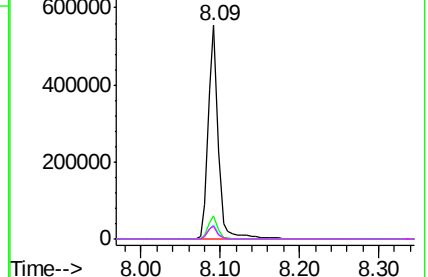
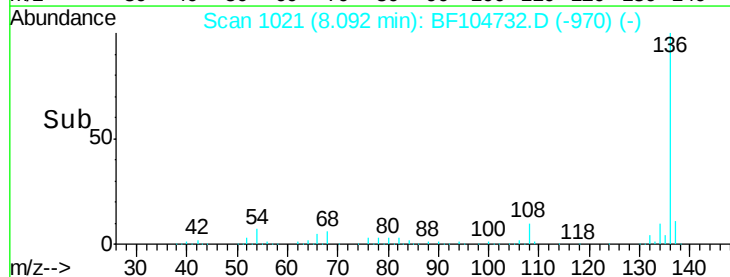


Abundance Ion 136.00 (135.70 to 136.70): E

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

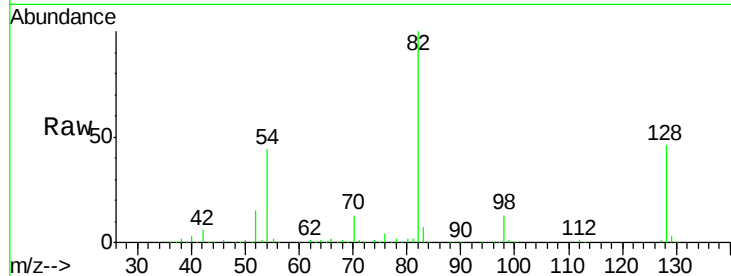




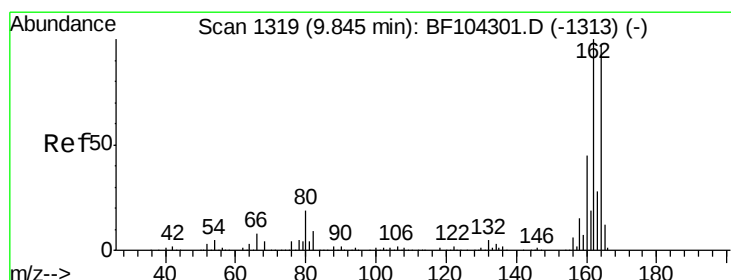
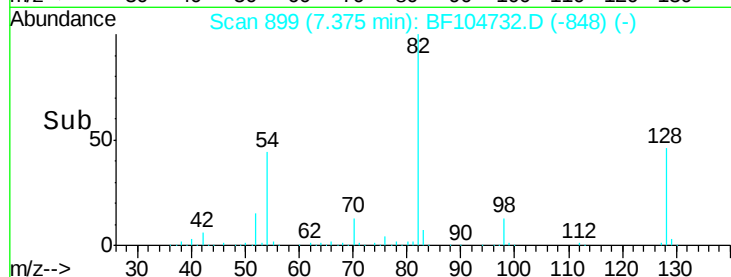
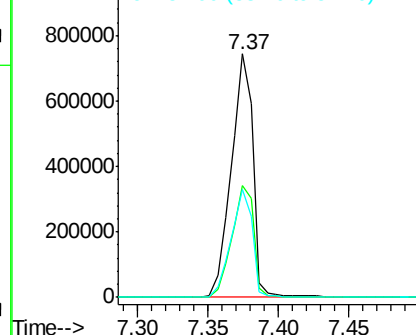
#23
Nitrobenzene-d5
Concen: 103.546 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104732.D
Acq: 24 Apr 2018 3:27

Instrument :
BNA_F
ClientSampleId :
042018-SIDI-E-D-M

Tot Ion: 82 Resp: 791020
Ion Ratio Lower Upper
82 100
128 45.7 36.1 54.1
54 44.4 41.4 62.2

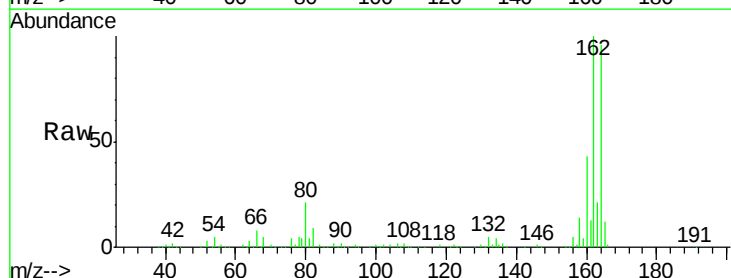


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

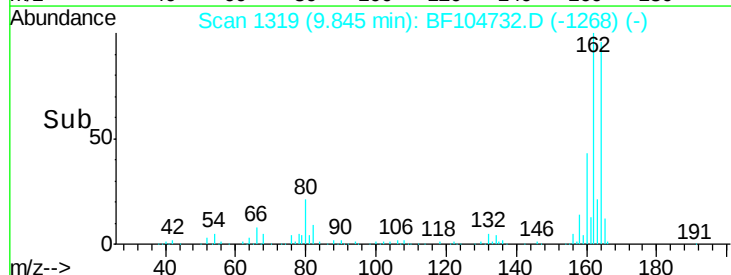
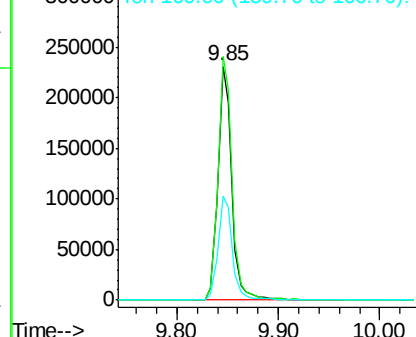


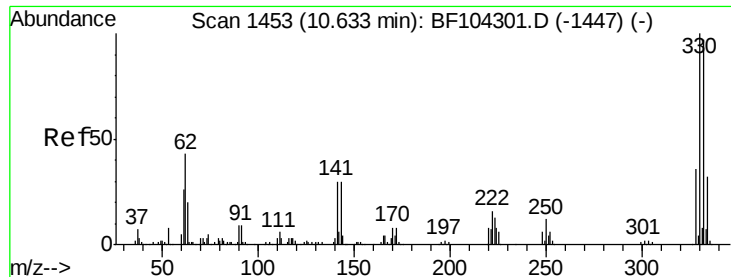
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104732.D
Acq: 24 Apr 2018 3:27

Tgt Ion:164 Resp: 219859
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 44.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 84.913 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF104732.D

Acq: 24 Apr 2018 3:27

Instrument :

BNA_F

ClientSampleId :

042018-SIDI-E-D-M

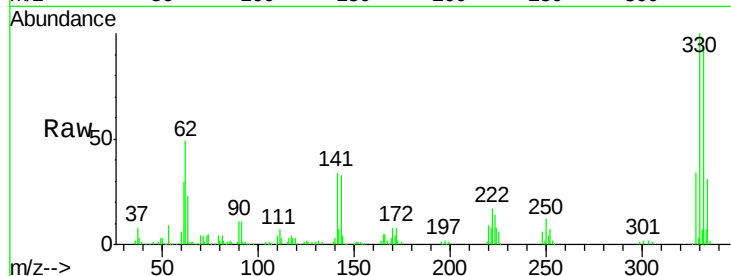
Tot Ion:330 Resp: 193657

Ion Ratio Lower Upper

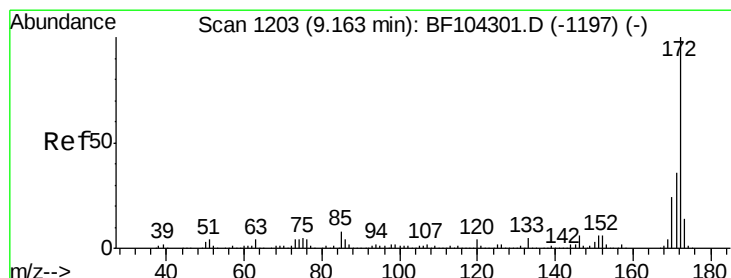
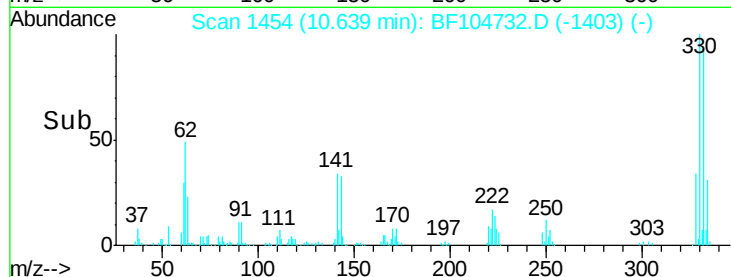
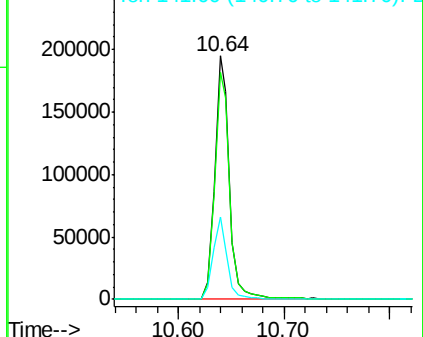
330 100

332 96.3 77.0 115.6

141 32.6 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: 95.151 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF104732.D

Acq: 24 Apr 2018 3:27

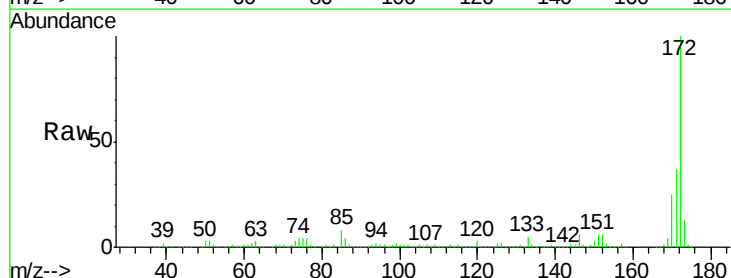
Tgt Ion:172 Resp: 1324252

Ion Ratio Lower Upper

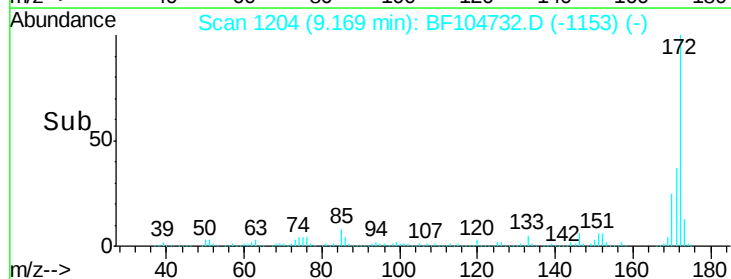
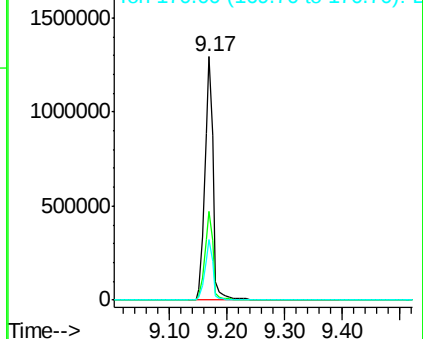
172 100

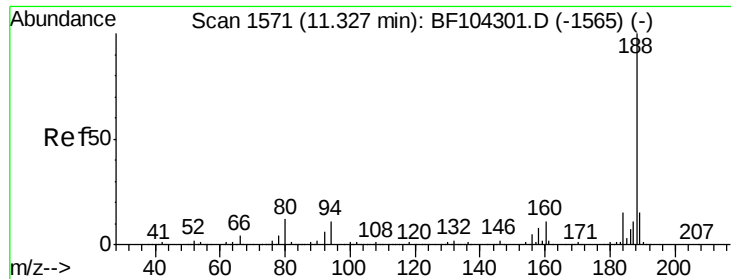
171 36.6 29.7 44.5

170 24.7 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

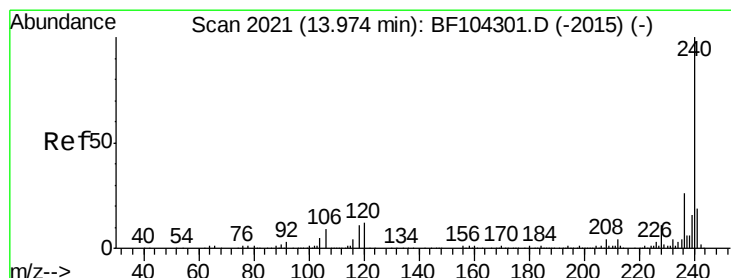
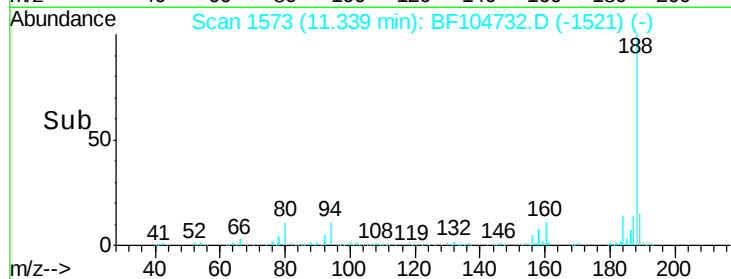
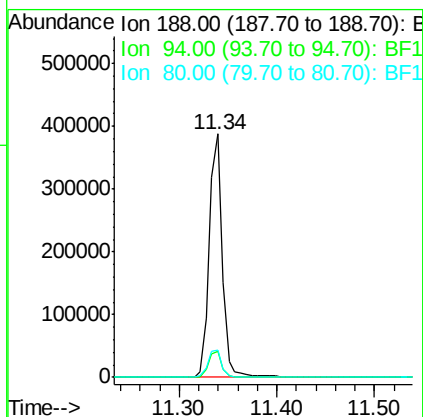
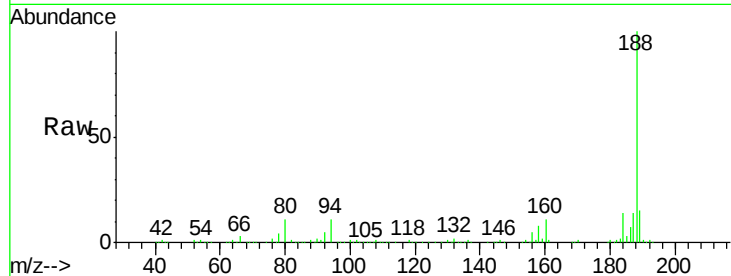




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104732.D
Acq: 24 Apr 2018 3:27

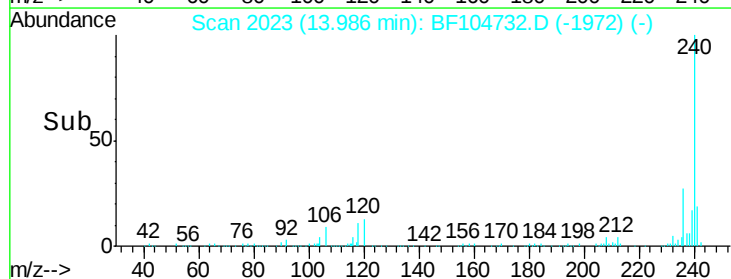
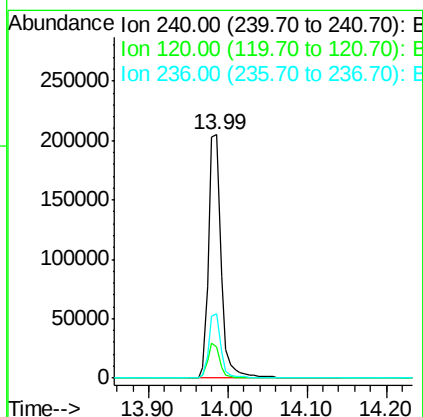
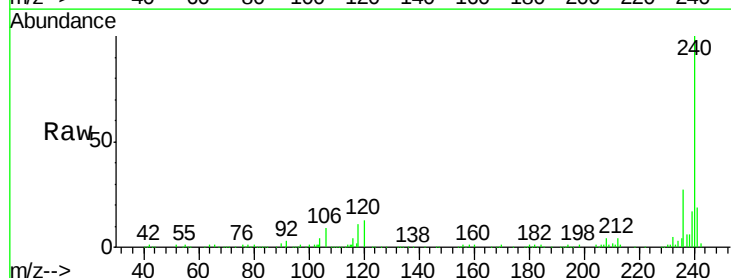
Instrument :
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042018-SIDI-E-D-M

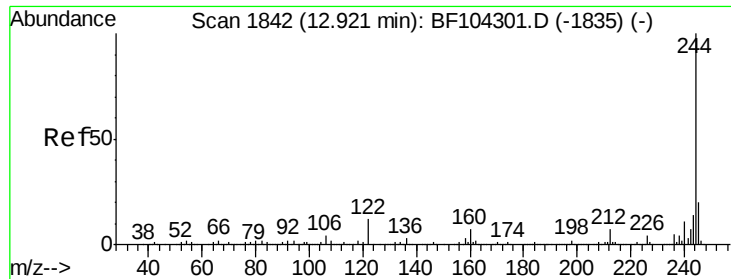
Tot Ion:188 Resp: 361948
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF104732.D
Acq: 24 Apr 2018 3:27

Tgt Ion:240 Resp: 227395
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 26.7 20.7 31.1

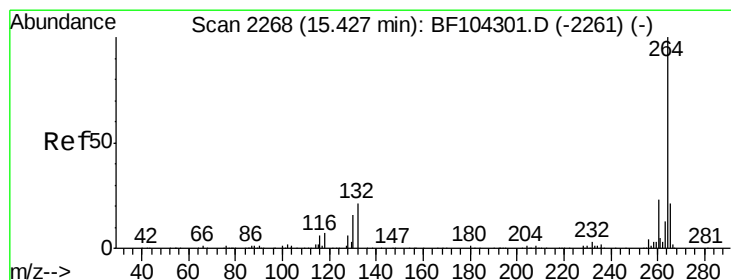
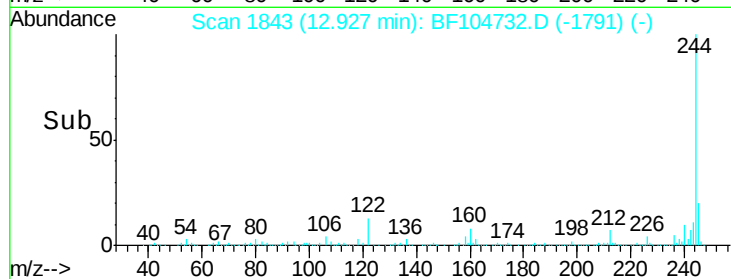
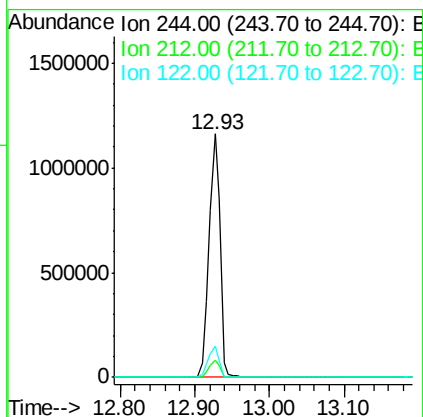
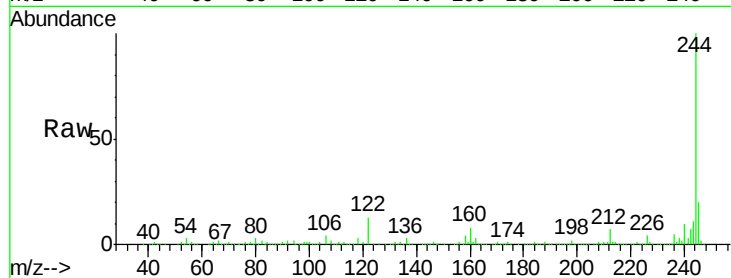




#78
 Terphenyl-d14
 Concen: 119.640 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF104732.D
 Acq: 24 Apr 2018 3:27

Instrument :
 BNA_F
 ClientSampleId :
 042018-SIDI-E-D-M

Tot Ion:244 Resp: 1193312
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF104732.D
 Acq: 24 Apr 2018 3:27

Tgt Ion:264 Resp: 169810
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 20.6 17.5 26.3

