

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104734.D
 Acq On : 24 Apr 2018 4:19
 Operator : JU/SJ
 Sample : J2494-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 042018-SIDI-E-U-B

Quant Time: Apr 24 05:41:05 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	118423	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	495596	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	218954	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	365472	20.00	ng	0.00
75) Chrysene-d12	13.98	240	222140	20.00	ng	0.00
86) Perylene-d12	15.45	264	170536	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	318145	41.08	ng	0.00
7) Phenol-d6	6.44	99	246865	25.94	ng	0.00
23) Nitrobenzene-d5	7.37	82	719074	94.74	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	181853	80.07	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1275896	92.06	ng	0.00
78) Terphenyl-d14	12.93	244	1104061	113.31	ng	0.00

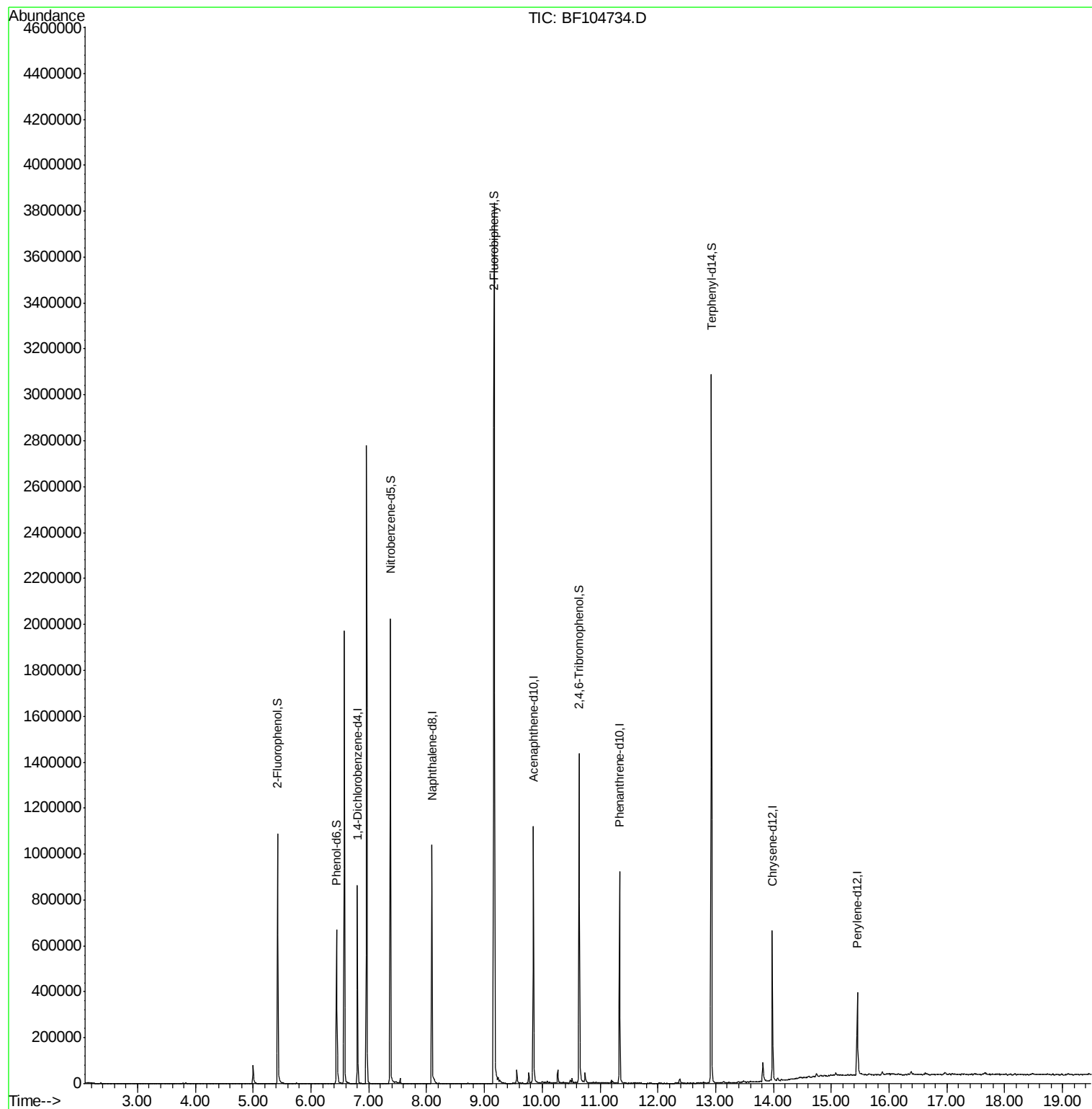
Target Compounds Qvalue

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

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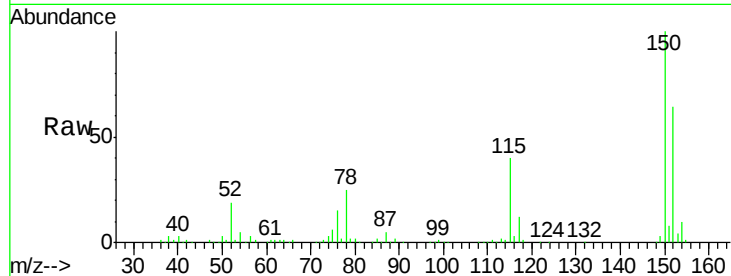


#1

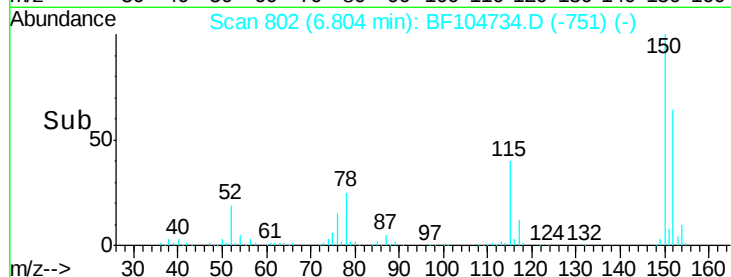
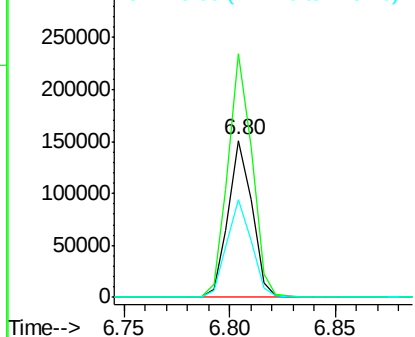
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104734.D
Acq: 24 Apr 2018 4:19

Instrument :
BNA_F
ClientSampleId :
042018-SIDI-E-U-B

Tot Ion:152 Resp: 118423
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 62.1 50.1 75.1



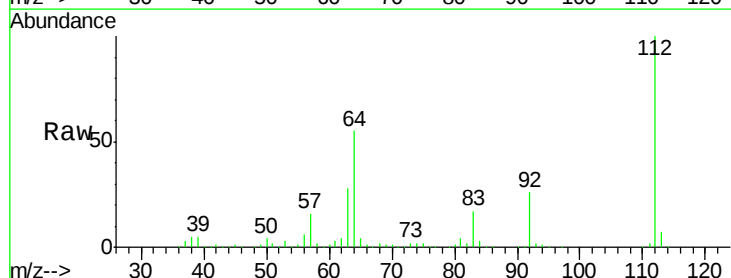
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



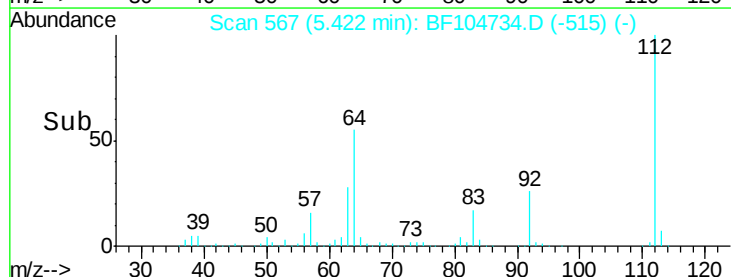
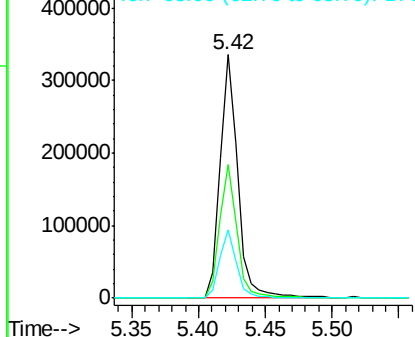
#5

2-Fluorophenol
Concen: 41.078 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104734.D
Acq: 24 Apr 2018 4:19

Tgt Ion:112 Resp: 318145
Ion Ratio Lower Upper
112 100
64 54.9 47.9 71.9
63 28.1 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: 25.942 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104734.D

Acq: 24 Apr 2018 4:19

Instrument :

BNA_F

ClientSampleId :

042018-SIDI-E-U-B

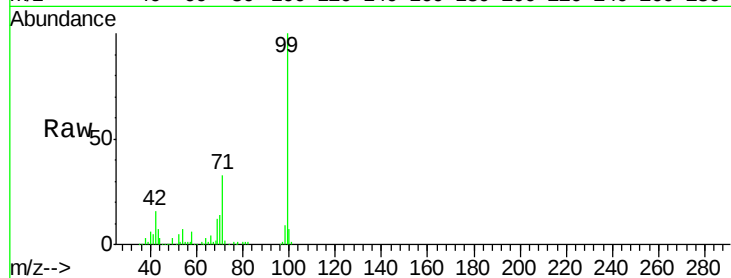
Tot Ion: 99 Resp: 246865

Ion Ratio Lower Upper

99 100

42 15.7 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

300000

250000

200000

150000

100000

50000

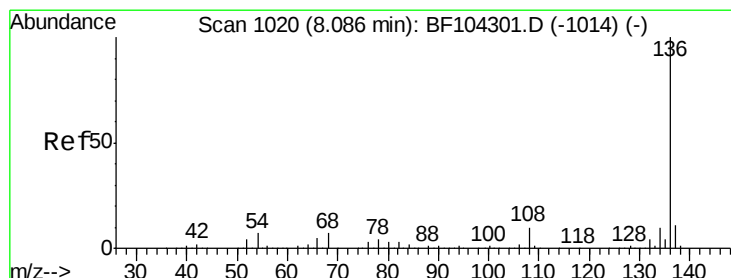
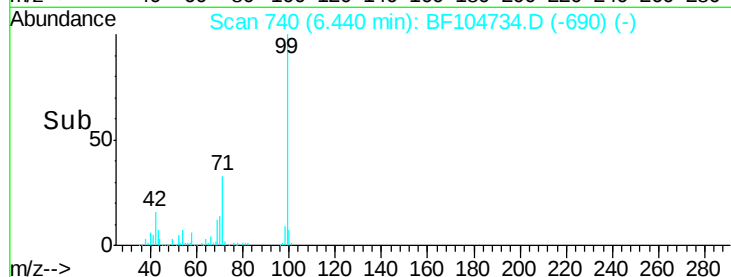
0

6.40

6.50

6.60

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104734.D

Acq: 24 Apr 2018 4:19

Tgt Ion: 136 Resp: 495596

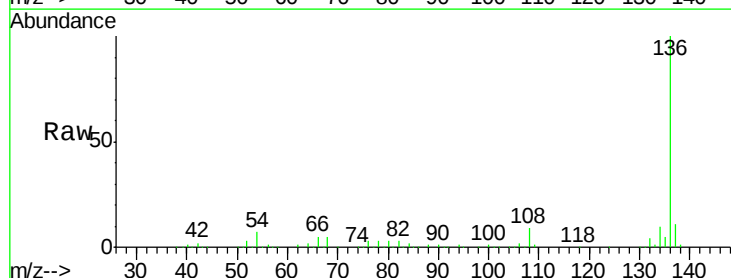
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.6 6.6 9.8

68 5.4 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

800000

600000

400000

200000

0

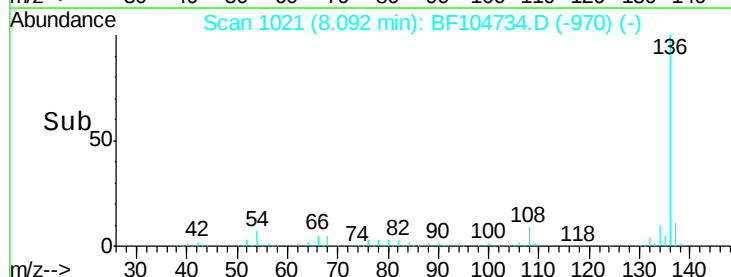
8.00

8.10

8.20

8.30

Time-->

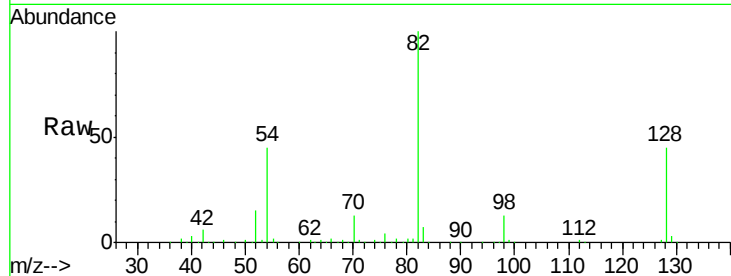




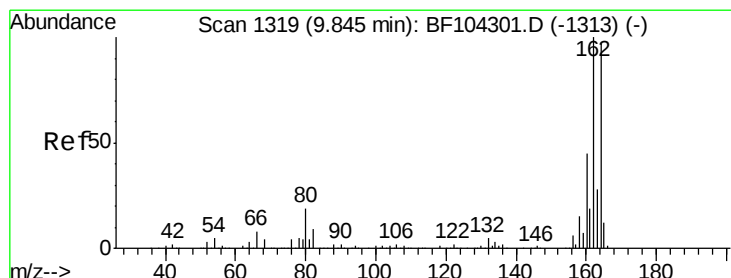
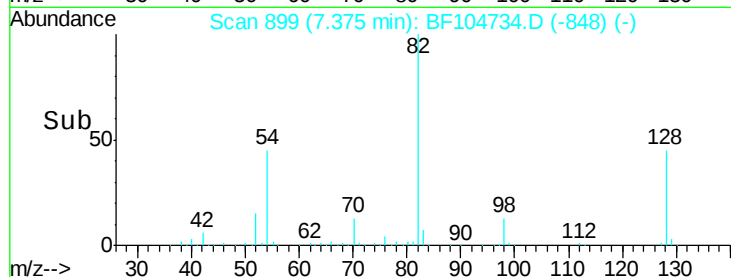
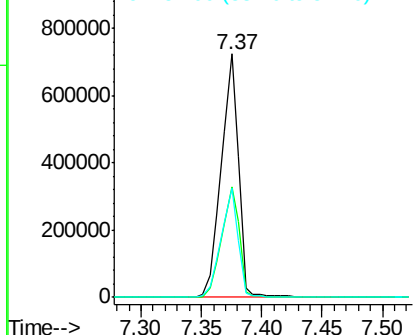
#23
 Nitrobenzene-d5
 Concen: 94.743 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104734.D
 Acq: 24 Apr 2018 4:19

Instrument :
 BNA_F
 ClientSampleId :
 042018-SIDI-E-U-B

Tot Ion: 82 Resp: 719074
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.1 54.1
 54 44.7 41.4 62.2

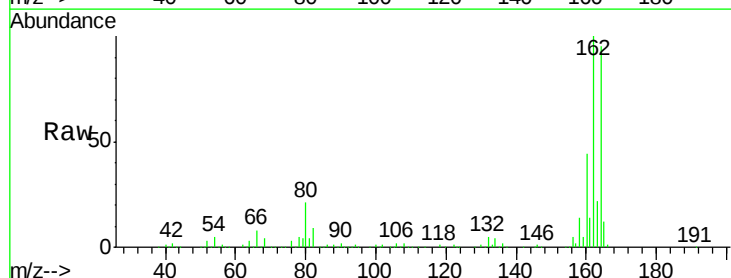


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

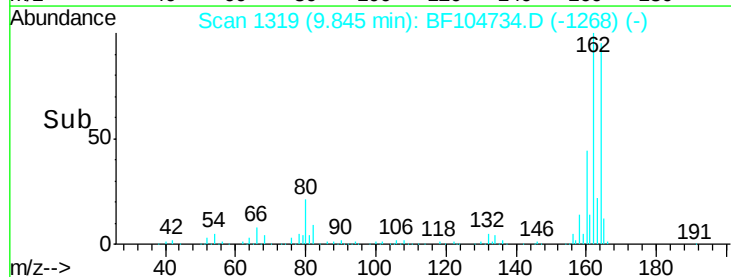
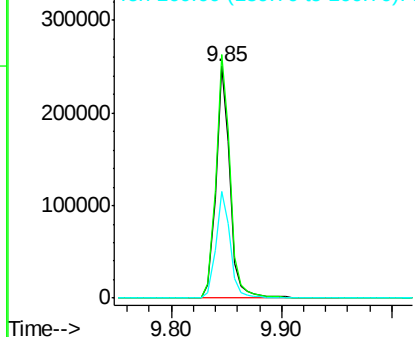


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104734.D
 Acq: 24 Apr 2018 4:19

Tgt Ion: 164 Resp: 218954
 Ion Ratio Lower Upper
 164 100
 162 105.0 86.1 129.1
 160 46.0 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: 80.067 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF104734.D

Acq: 24 Apr 2018 4:19

Instrument :

BNA_F

ClientSampleId :

042018-SIDI-E-U-B

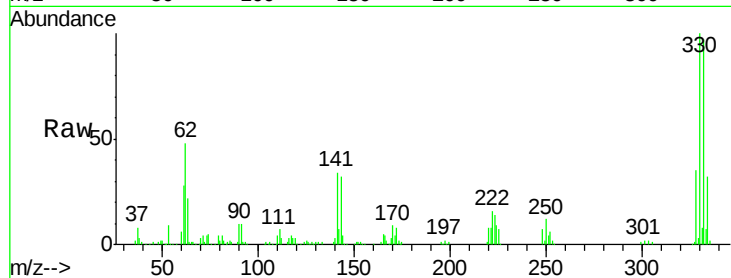
Tot Ion:330 Resp: 181853

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

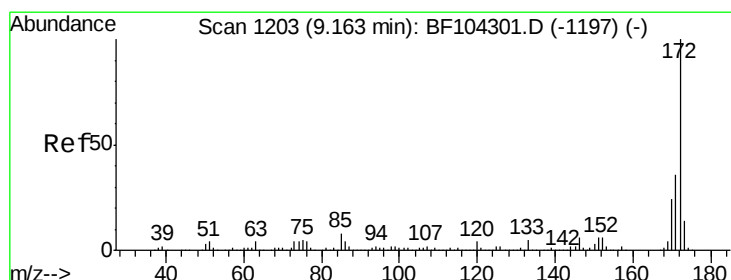
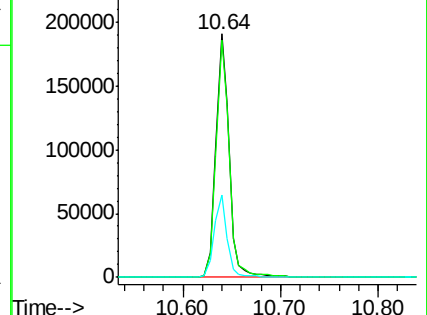
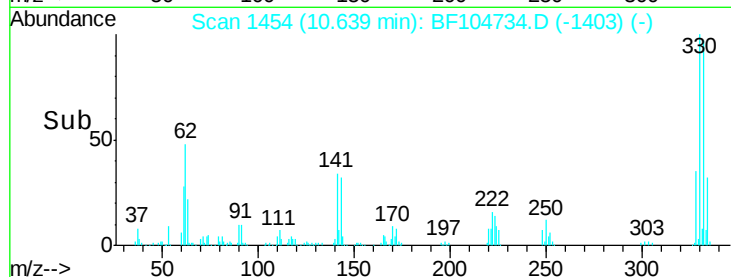
141 33.0 29.9 44.9



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: 92.056 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF104734.D

Acq: 24 Apr 2018 4:19

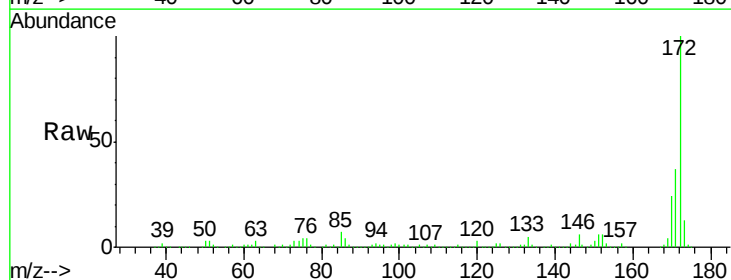
Tgt Ion:172 Resp: 1275896

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

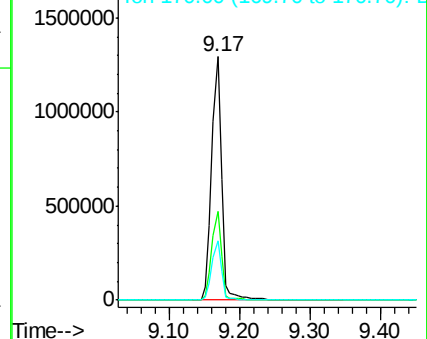
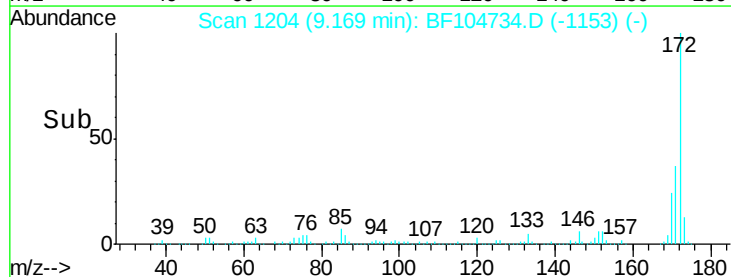
170 24.5 19.6 29.4



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

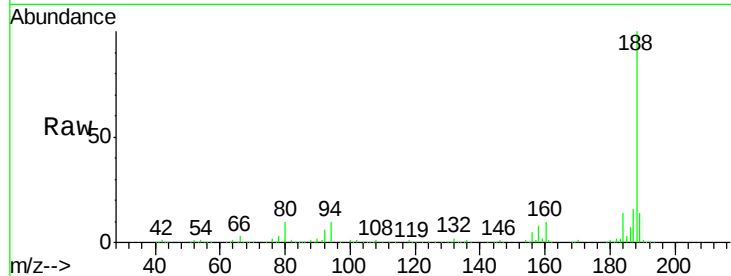




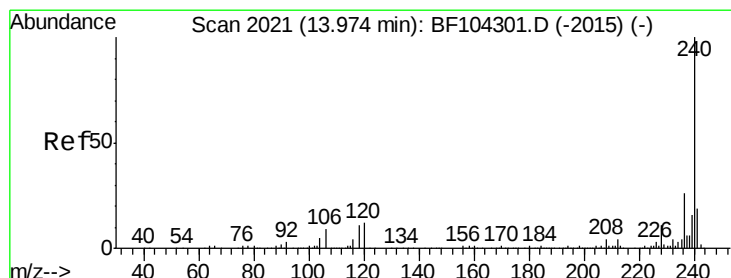
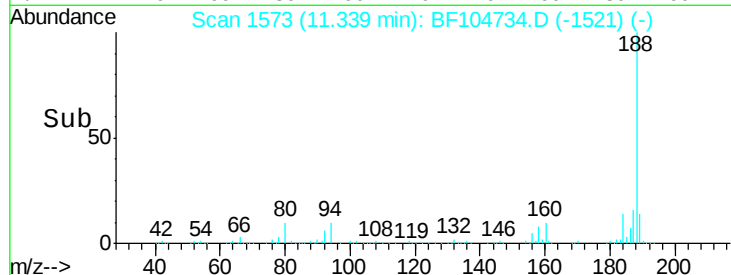
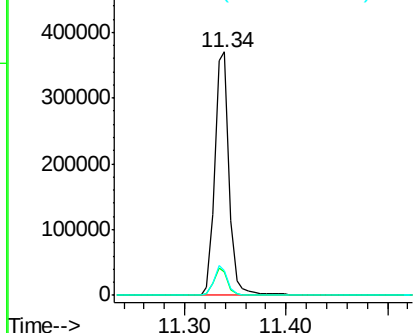
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104734.D
Acq: 24 Apr 2018 4:19

Instrument :
BNA_F
ClientSampleId :
042018-SIDI-E-U-B

Tot Ion:188 Resp: 365472
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.4 9.2 13.8

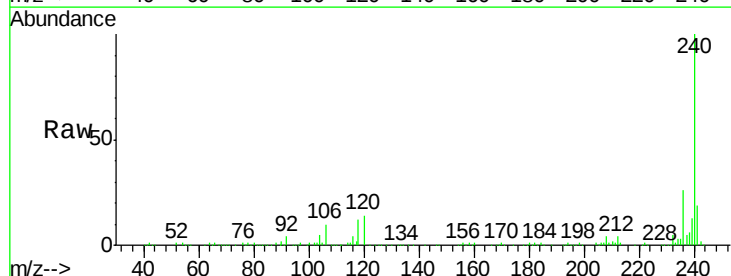


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

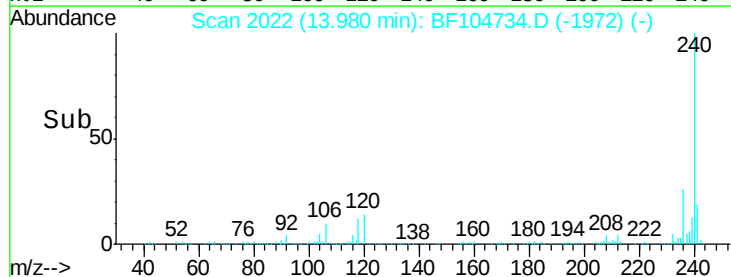
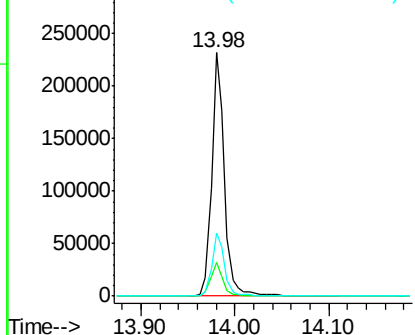


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104734.D
Acq: 24 Apr 2018 4:19

Tgt Ion:240 Resp: 222140
Ion Ratio Lower Upper
240 100
120 13.8 9.5 14.3
236 25.8 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: 113.310 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104734.D

Acq: 24 Apr 2018 4:19

Instrument :

BNA_F

ClientSampleId :

042018-SIDI-E-U-B

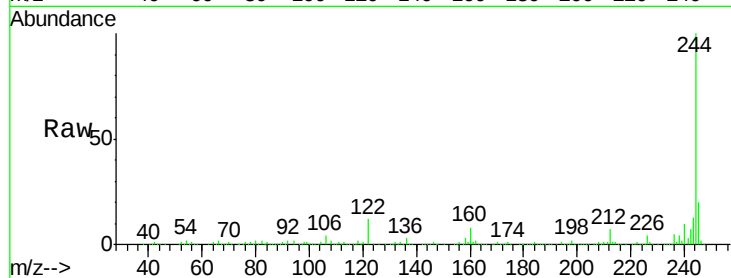
Tot Ion:244 Resp: 1104061

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

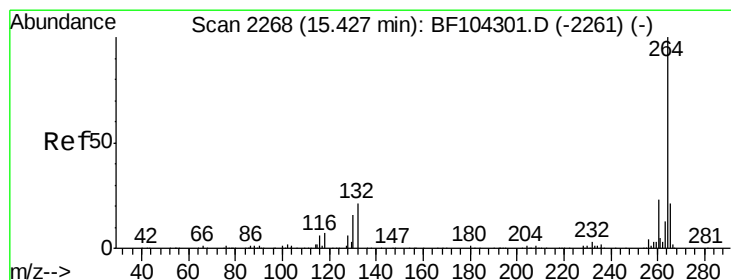
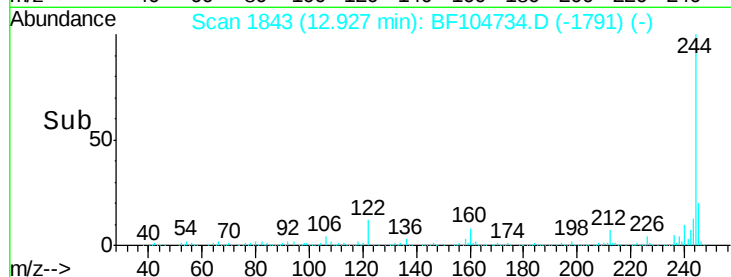
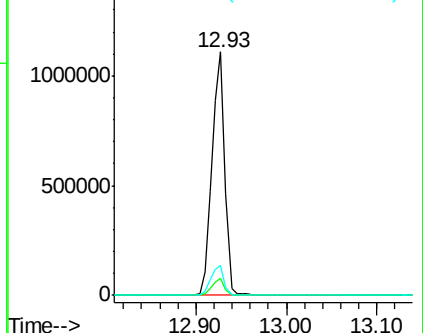
122 12.1 11.0 16.4



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: 15.45 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BF104734.D

Acq: 24 Apr 2018 4:19

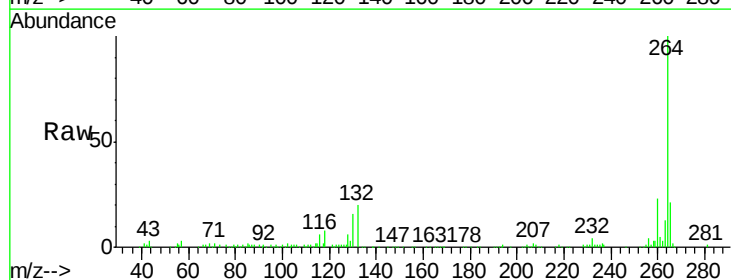
Tgt Ion:264 Resp: 170536

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.4 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

