

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104845.D
 Acq On : 26 Apr 2018 18:53
 Operator : JU/SJ
 Sample : J2156-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-042518-A

Quant Time: Apr 27 12:24:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

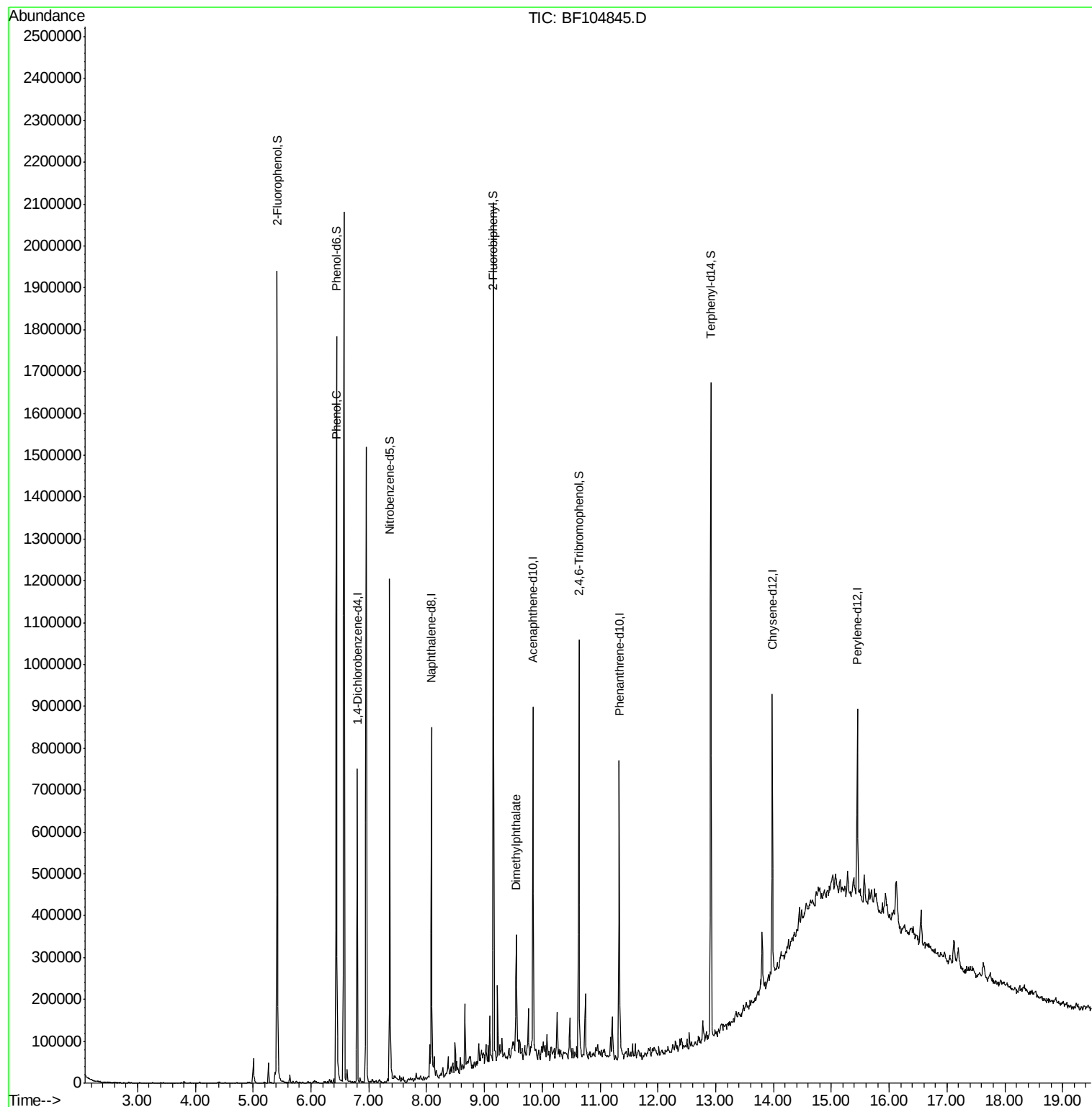
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	102871	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	403354	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	154810	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	247118	20.00	ng	0.00
75) Chrysene-d12	13.98	240	233403	20.00	ng	0.00
86) Perylene-d12	15.45	264	185690	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	565569	84.07	ng	0.00
7) Phenol-d6	6.44	99	678536	82.09	ng	0.00
23) Nitrobenzene-d5	7.36	82	409936	66.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	131223	81.71	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	581872	59.38	ng	0.00
78) Terphenyl-d14	12.92	244	472587	46.16	ng	0.00
Target Compounds						
10) Phenol	6.45	94	29244	3.334	ng	96
49) Dimethylphthalate	9.55	163	66316	5.432	ng	98

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

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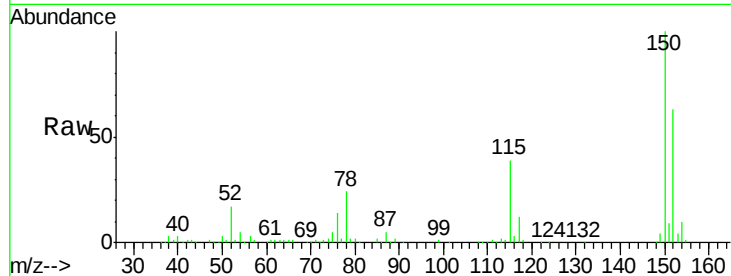


#1

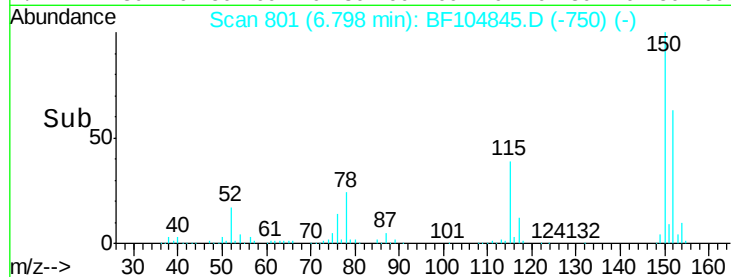
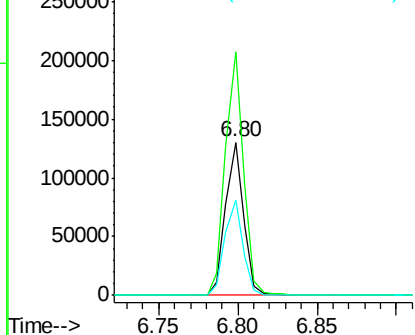
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF104845.D
 Acq: 26 Apr 2018 18:53

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-042518-A

Tot Ion:152 Resp: 102871
 Ion Ratio Lower Upper
 152 100
 150 159.4 124.6 186.8
 115 62.6 50.1 75.1



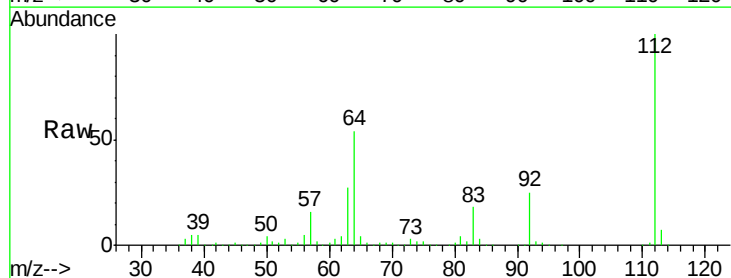
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



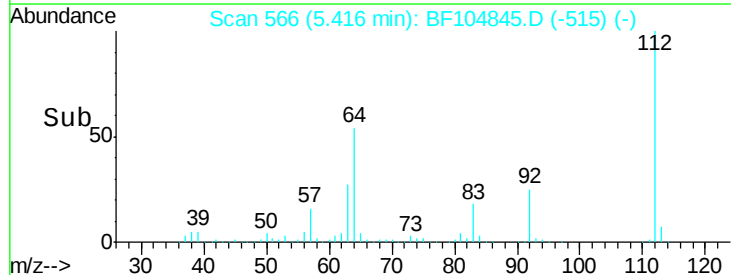
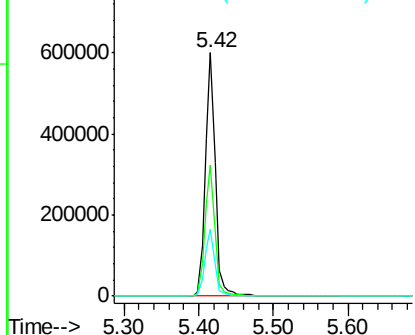
#5

2-Fluorophenol
 Concen: 84.065 ng
 RT: 5.42 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF104845.D
 Acq: 26 Apr 2018 18:53

Tgt Ion:112 Resp: 565569
 Ion Ratio Lower Upper
 112 100
 64 53.8 47.9 71.9
 63 27.5 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: 82.085 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104845.D

Acq: 26 Apr 2018 18:53

Instrument :

BNA_F

ClientSampleId :

HR-05-042518-A

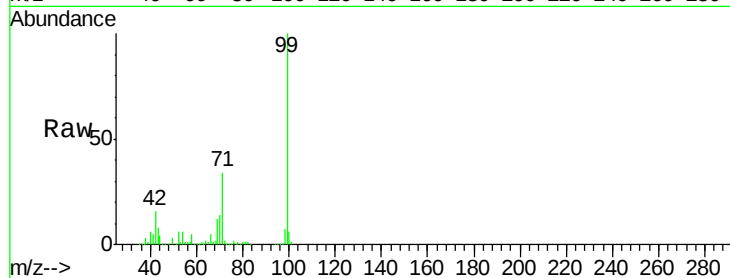
Tot Ion: 99 Resp: 678536

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

71 34.2 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

800000

600000

400000

200000

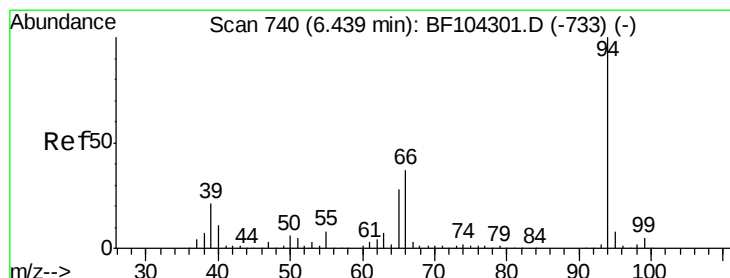
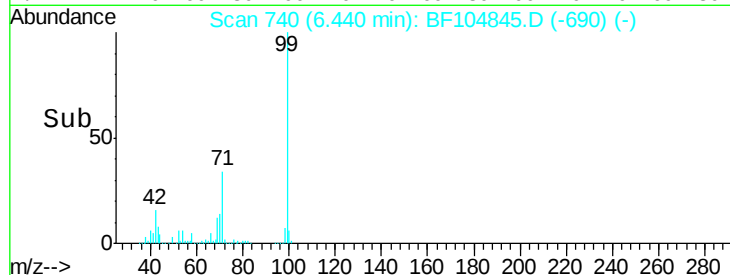
0

6.44

6.40

6.50

Time-->



#10

Phenol

Concen: 3.334 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104845.D

Acq: 26 Apr 2018 18:53

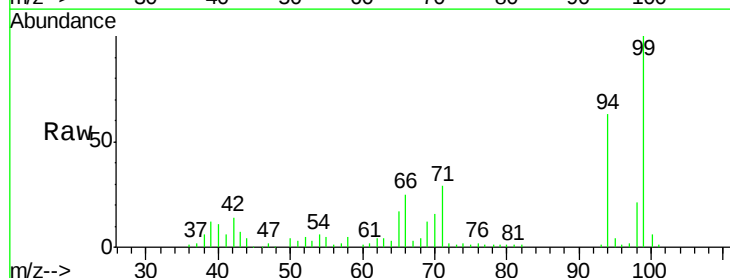
Tgt Ion: 94 Resp: 29244

Ion Ratio Lower Upper

94 100

65 26.9 7.9 47.9

66 39.0 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

60000

50000

40000

30000

20000

10000

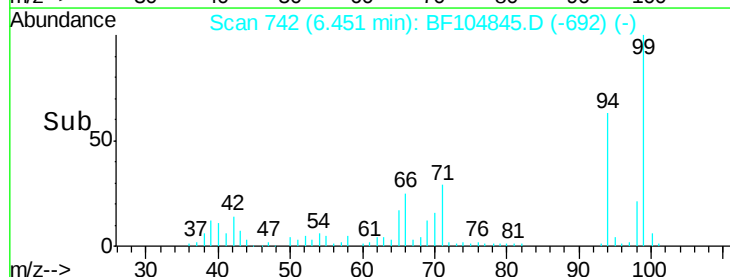
0

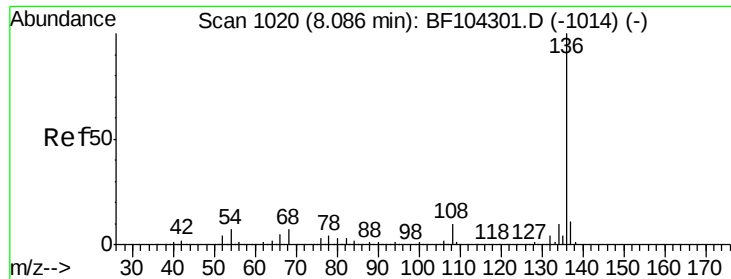
6.45

6.40

6.50

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF104845.D

Acq: 26 Apr 2018 18:53

Instrument :

BNA_F

ClientSampleId :

HR-05-042518-A

Tot Ion:136 Resp: 403354

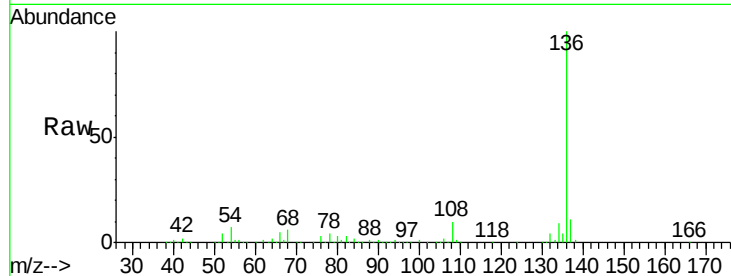
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.8 6.6 9.8

68 5.9 5.0 7.4

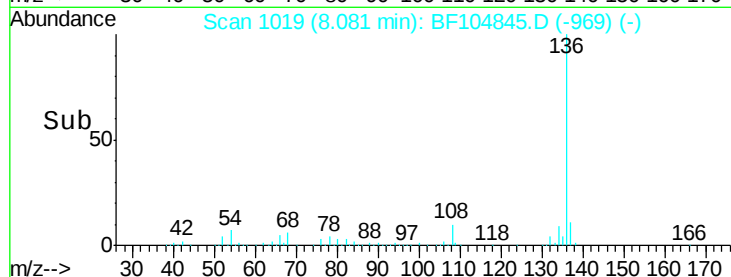


Abundance Ion 136.00 (135.70 to 136.70): E

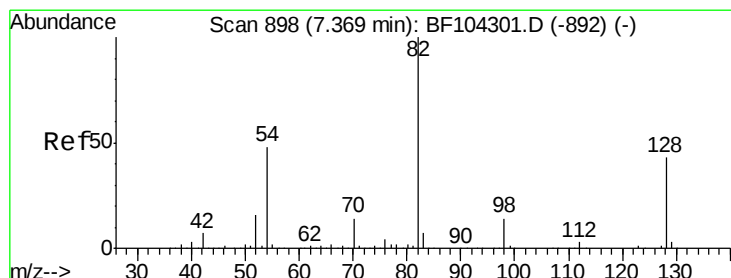
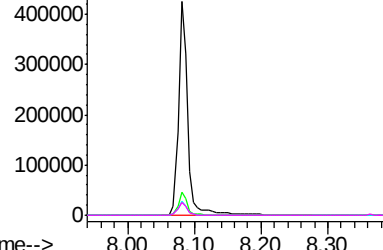
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 66.364 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF104845.D

Acq: 26 Apr 2018 18:53

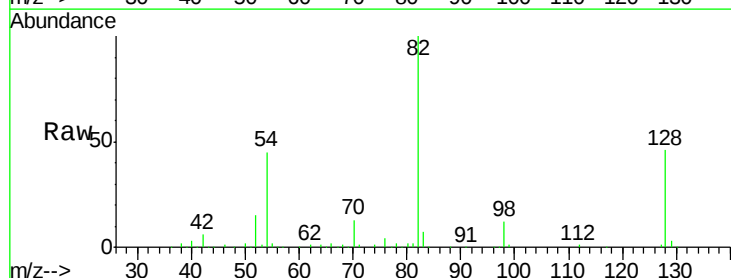
Tgt Ion: 82 Resp: 409936

Ion Ratio Lower Upper

82 100

128 45.8 36.1 54.1

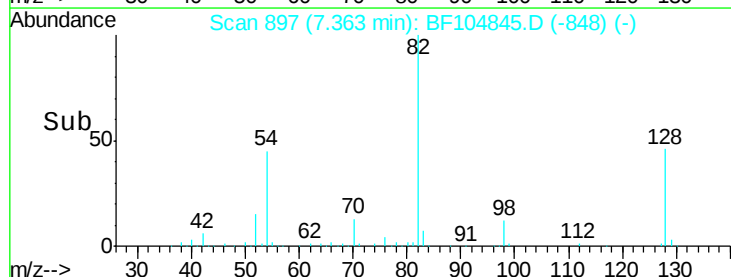
54 44.5 41.4 62.2



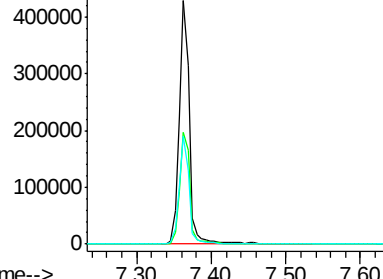
Abundance Ion 82.00 (81.70 to 82.70): BF1

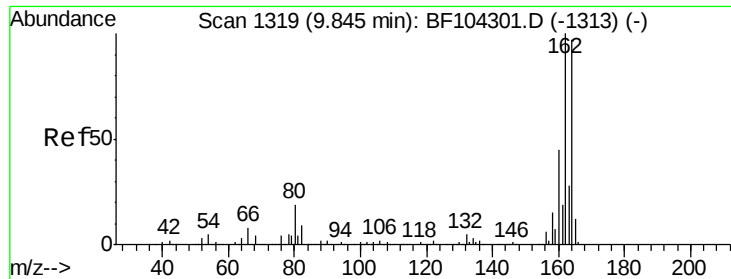
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->

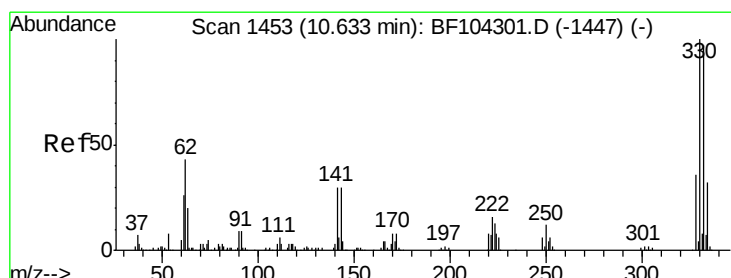
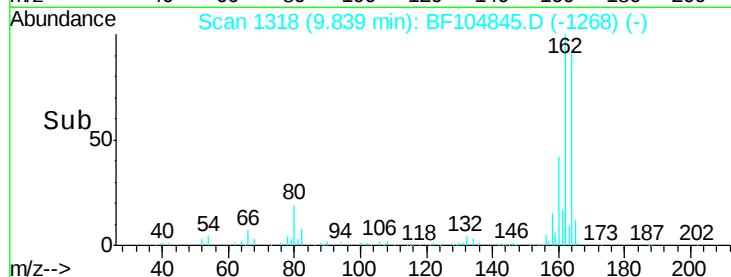
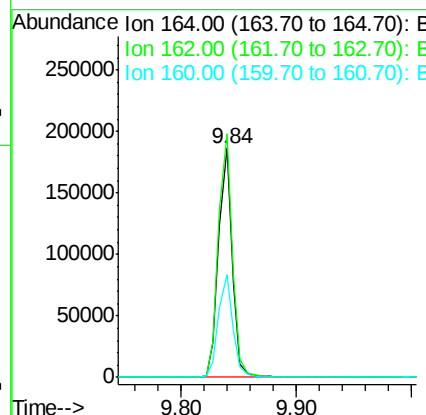
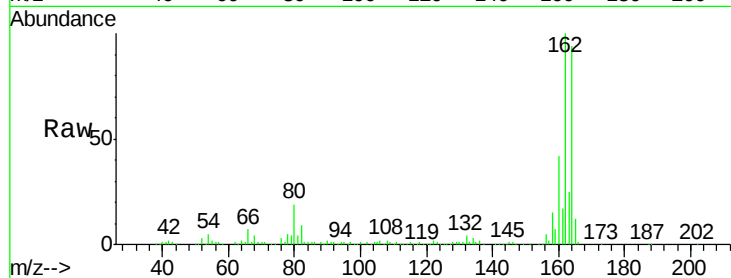




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104845.D
 Acq: 26 Apr 2018 18:53

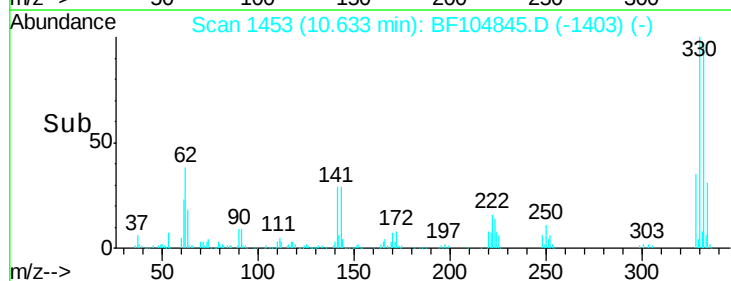
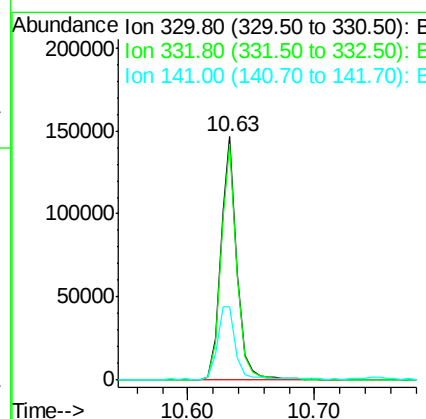
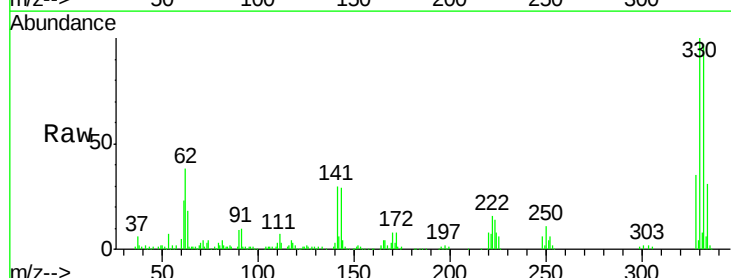
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-042518-A

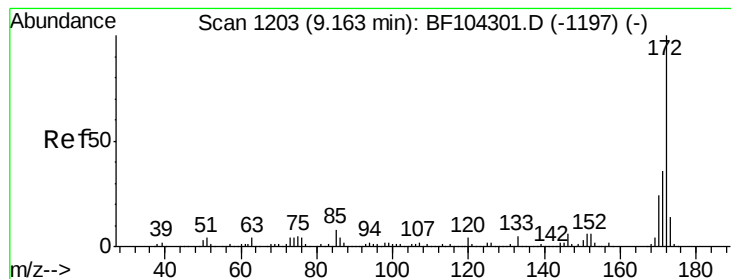
Tot Ion:164 Resp: 154810
 Ion Ratio Lower Upper
 164 100
 162 106.4 86.1 129.1
 160 44.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 81.714 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104845.D
 Acq: 26 Apr 2018 18:53

Tgt Ion:330 Resp: 131223
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 33.5 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 59.377 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF104845.D

Acq: 26 Apr 2018 18:53

Instrument :

BNA_F

ClientSampleId :

HR-05-042518-A

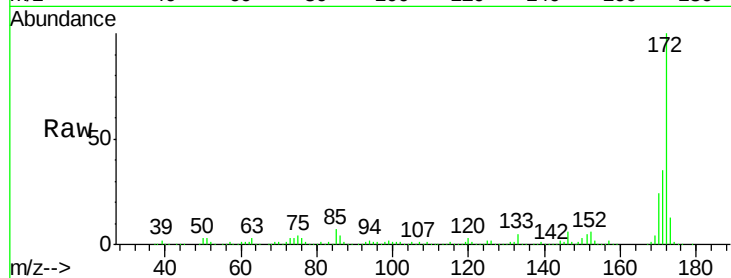
Tot Ion:172 Resp: 581872

Ion Ratio Lower Upper

172 100

171 35.3 29.7 44.5

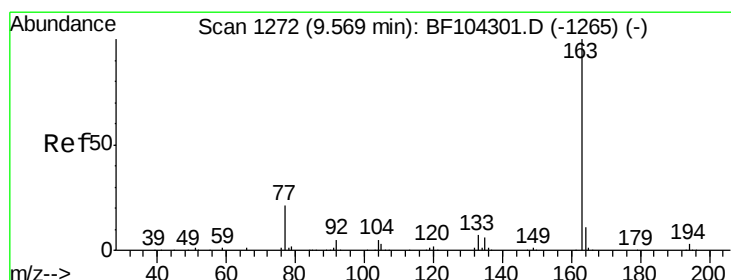
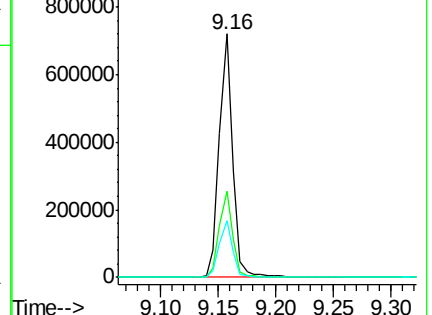
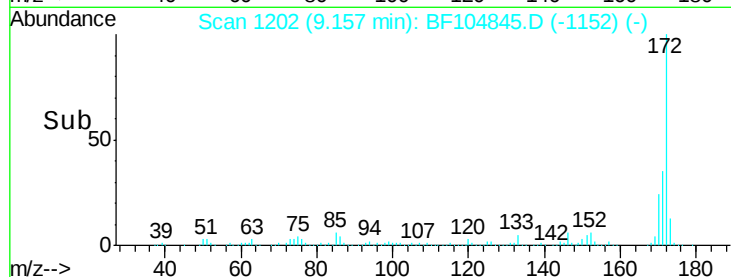
170 23.5 19.6 29.4



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



#49

Dimethylphthalate

Concen: 5.432 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF104845.D

Acq: 26 Apr 2018 18:53

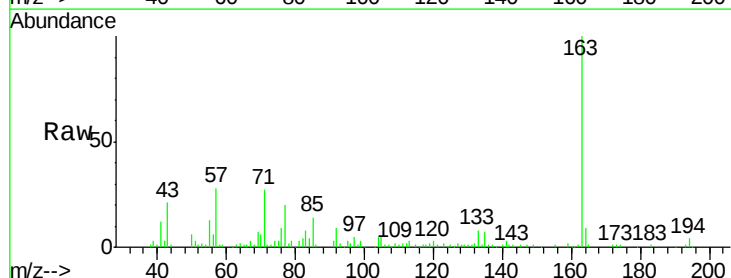
Tgt Ion:163 Resp: 66316

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

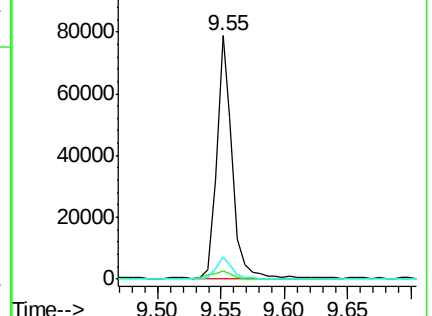
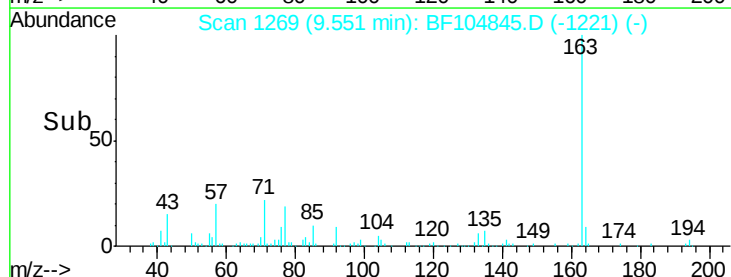
164 9.2 8.2 12.2

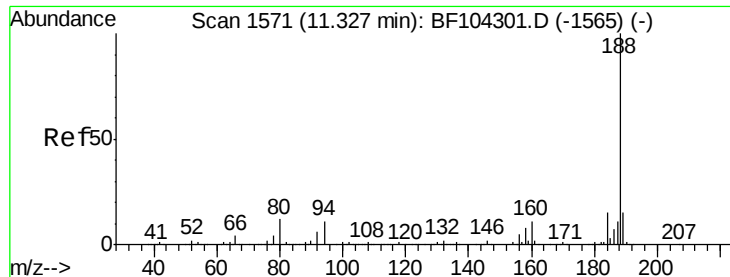


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

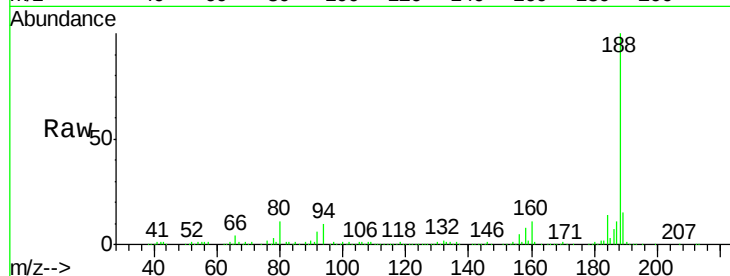




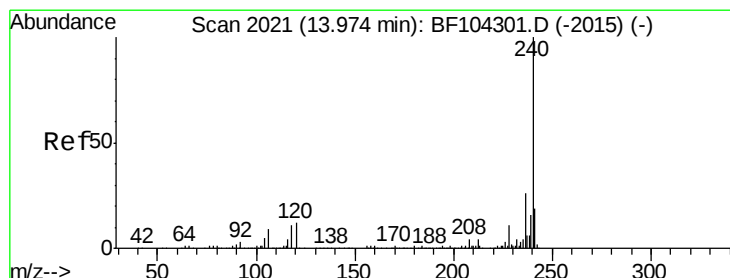
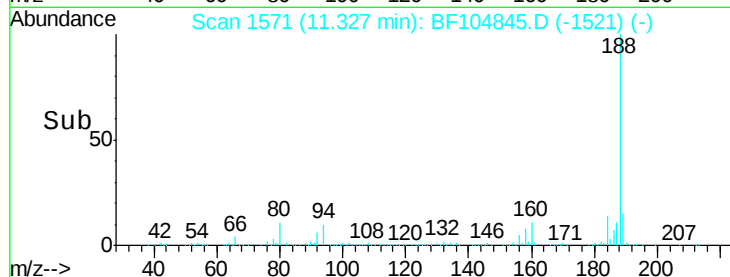
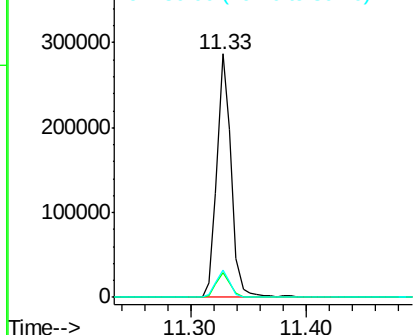
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104845.D
Acq: 26 Apr 2018 18:53

Instrument :
BNA_F
ClientSampleId :
HR-05-042518-A

Tot Ion:188 Resp: 247118
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 11.2 9.2 13.8

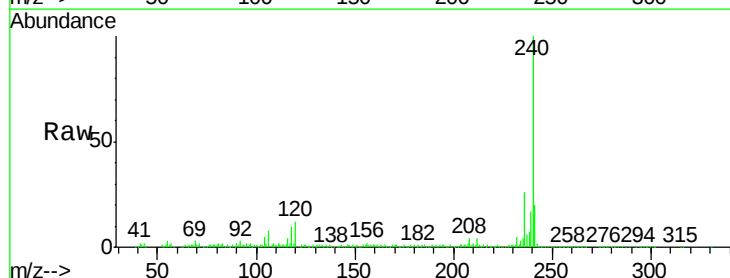


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

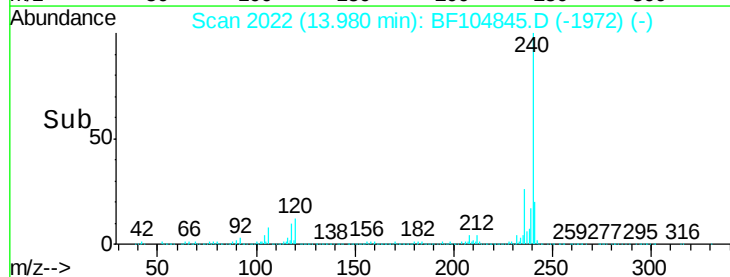
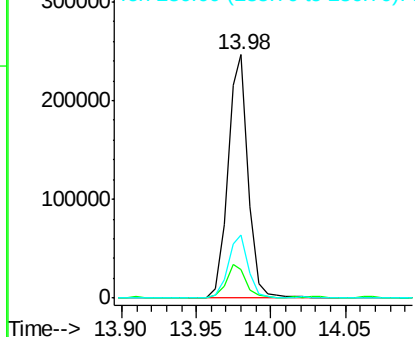


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104845.D
Acq: 26 Apr 2018 18:53

Tgt Ion:240 Resp: 233403
Ion Ratio Lower Upper
240 100
120 11.9 9.5 14.3
236 26.1 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: 46.161 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104845.D

Acq: 26 Apr 2018 18:53

Instrument :

BNA_F

ClientSampleId :

HR-05-042518-A

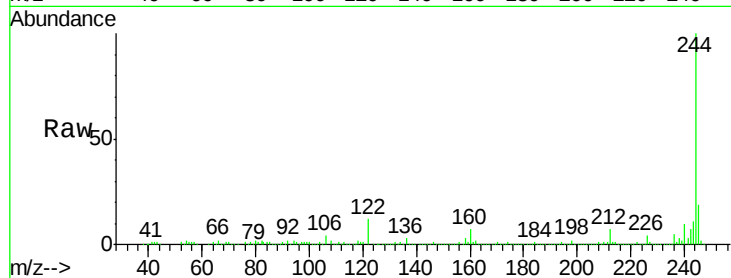
Tot Ion:244 Resp: 472587

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

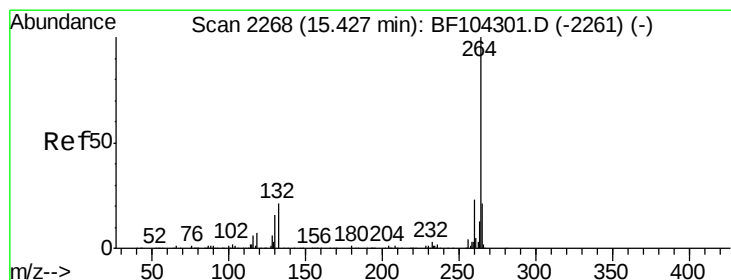
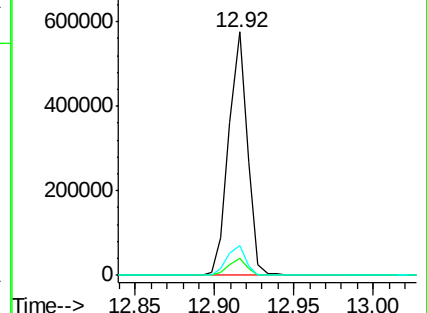
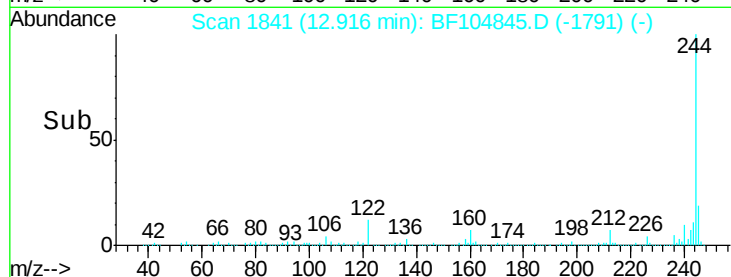
122 12.0 11.0 16.4



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. -0.01 min

Lab File: BF104845.D

Acq: 26 Apr 2018 18:53

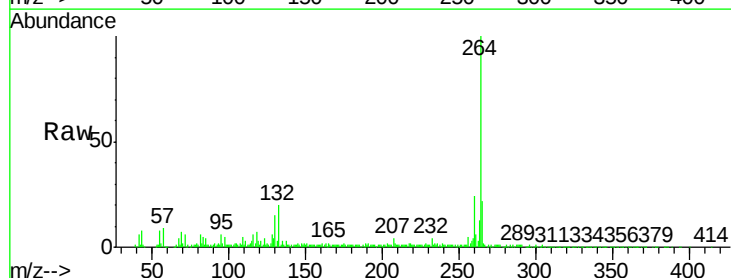
Tgt Ion:264 Resp: 185690

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.5 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

