

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104964.D
 Acq On : 1 May 2018 6:03
 Operator : JU/SJ
 Sample : J2617-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 042618-SIDI-E-D-B

Quant Time: May 01 07:46:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

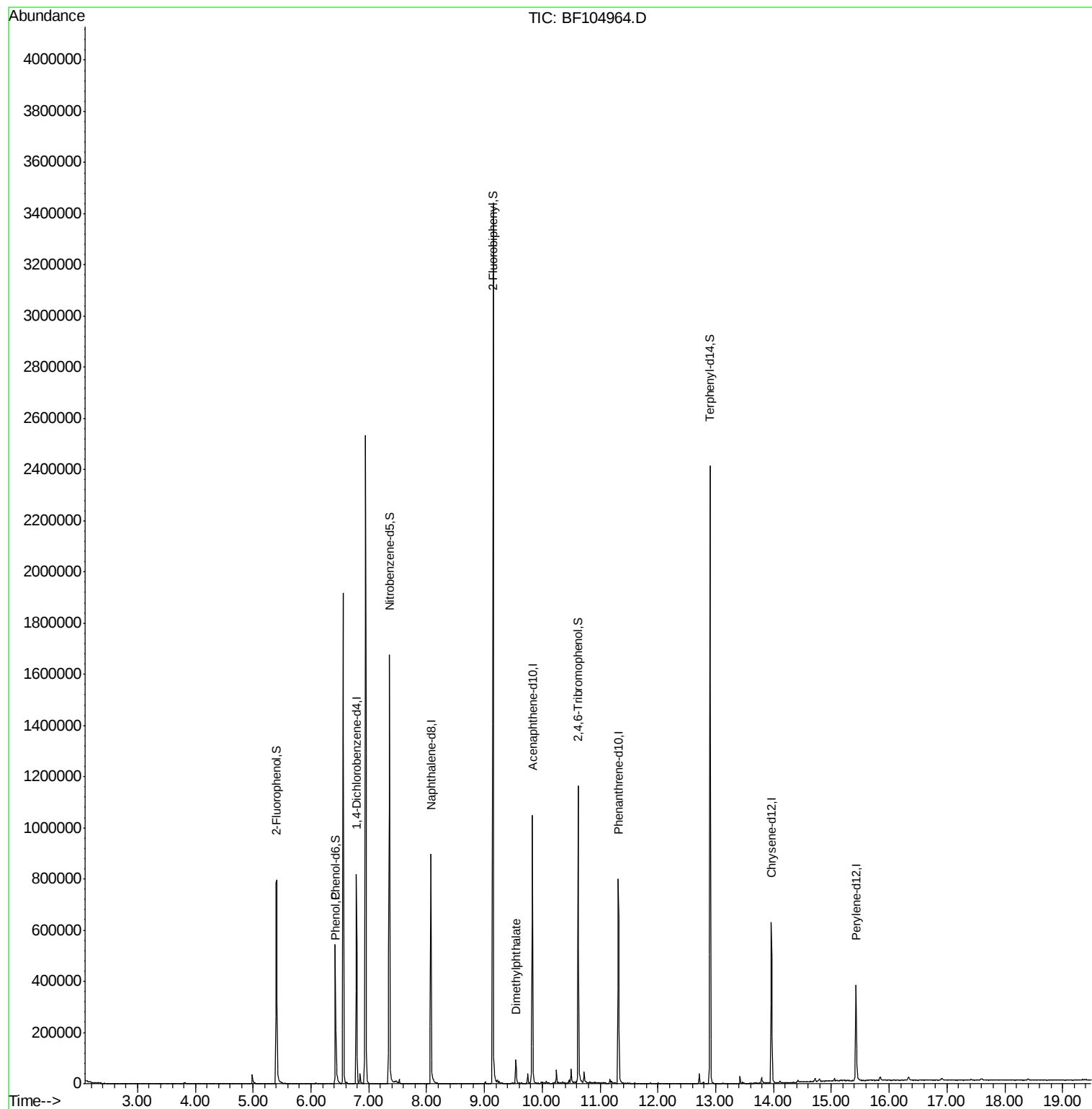
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	116312	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	473075	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	206269	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	323057	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	233781	20.00	ng	-0.01
86) Perylene-d12	15.43	264	193941	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	280241	36.84	ng	0.00
7) Phenol-d6	6.42	99	209098	22.37	ng	-0.02
23) Nitrobenzene-d5	7.36	82	655294	90.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	157225	73.48	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1141157	87.40	ng	0.00
78) Terphenyl-d14	12.90	244	815334	79.51	ng	-0.01
Target Compounds						
10) Phenol	6.43	94	19924	2.009	ng	86
49) Dimethylphthalate	9.55	163	45269	2.783	ng	99

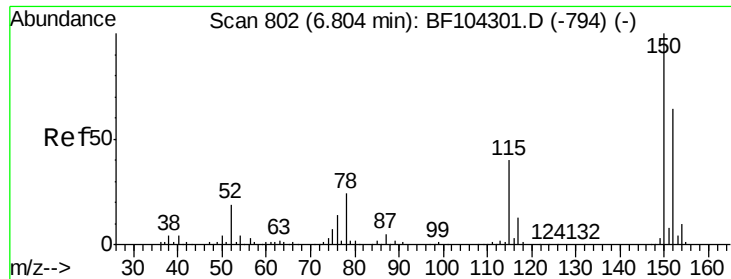
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF104964.D

Acq: 1 May 2018 6:03

Instrument :

BNA_F

ClientSampleId :

042618-SIDI-E-D-B

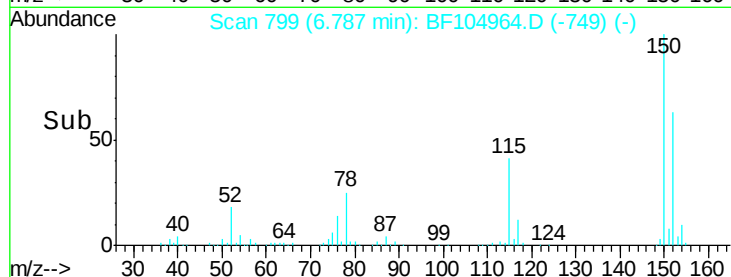
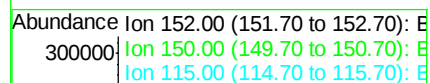
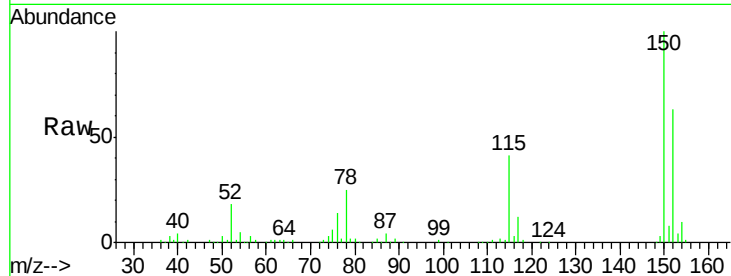
Tot Ion:152 Resp: 116312

Ion Ratio Lower Upper

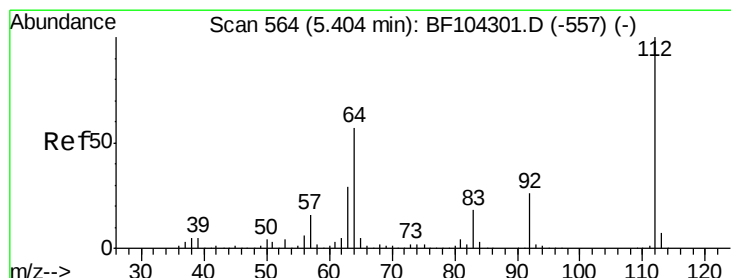
152 100

150 159.5 124.6 186.8

115 64.7 50.1 75.1



Time-->



#5

2-Fluorophenol

Concen: 36.841 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF104964.D

Acq: 1 May 2018 6:03

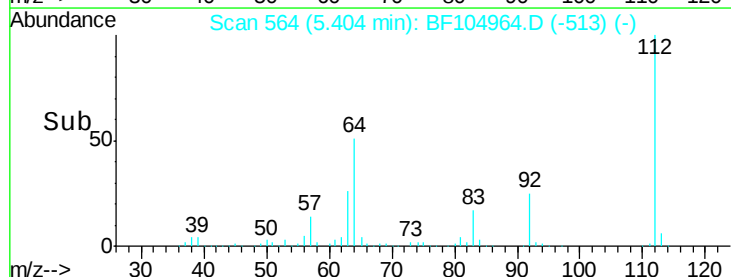
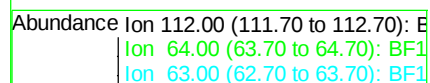
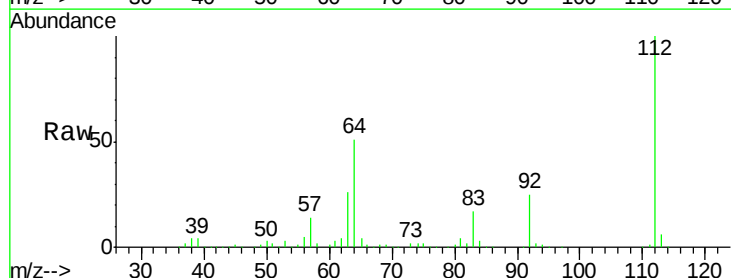
Tgt Ion:112 Resp: 280241

Ion Ratio Lower Upper

112 100

64 51.2 47.9 71.9

63 25.8 23.7 35.5



Time-->



#7

Phenol-d6

Concen: 22.372 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF104964.D

Acq: 1 May 2018 6:03

Instrument :

BNA_F

ClientSampleId :

042618-SIDI-E-D-B

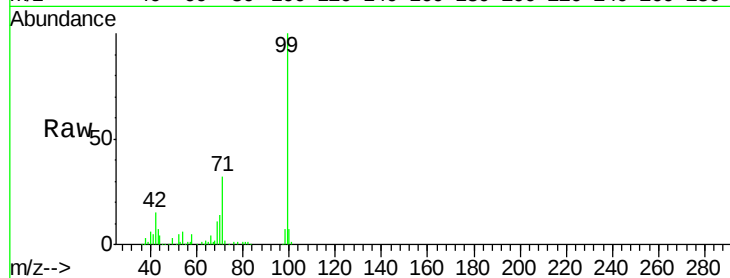
Tot Ion: 99 Resp: 209098

Ion Ratio Lower Upper

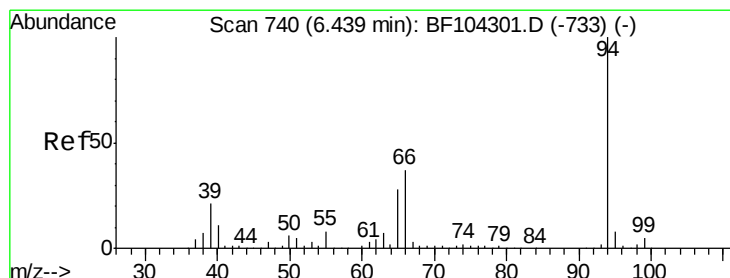
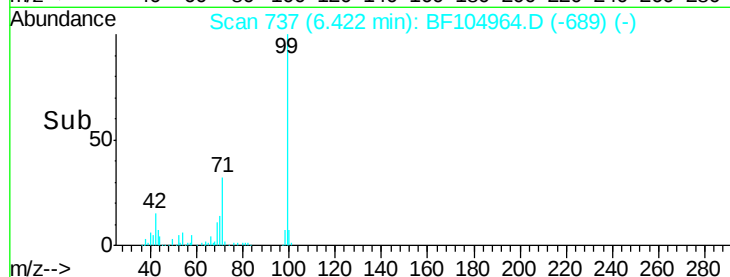
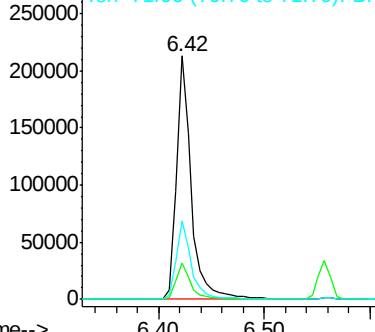
99 100

42 15.1 14.5 21.7

71 32.2 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



#10

Phenol

Concen: 2.009 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF104964.D

Acq: 1 May 2018 6:03

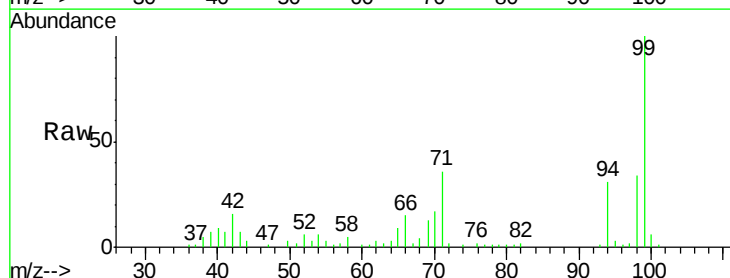
Tgt Ion: 94 Resp: 19924

Ion Ratio Lower Upper

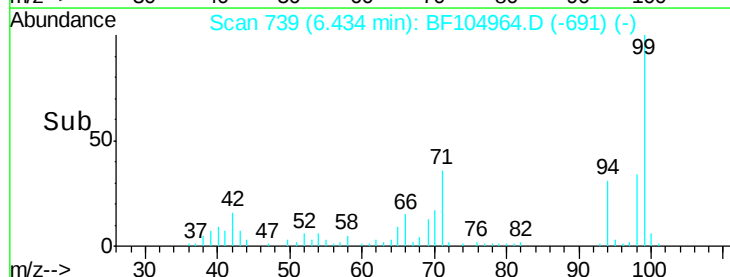
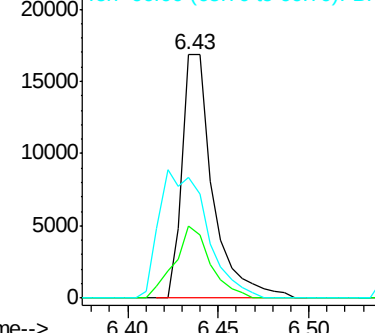
94 100

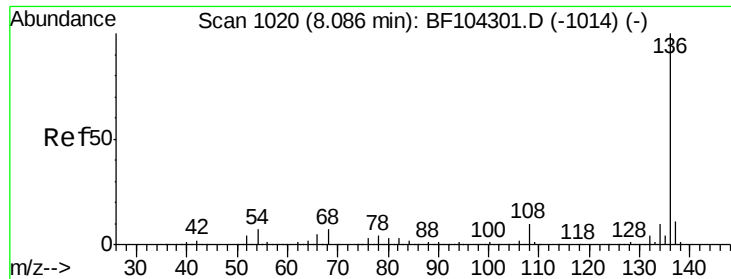
65 29.4 7.9 47.9

66 49.6 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

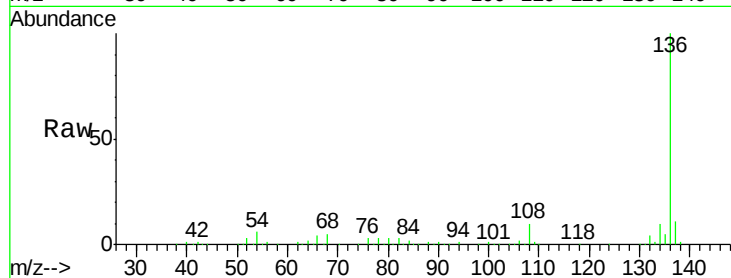




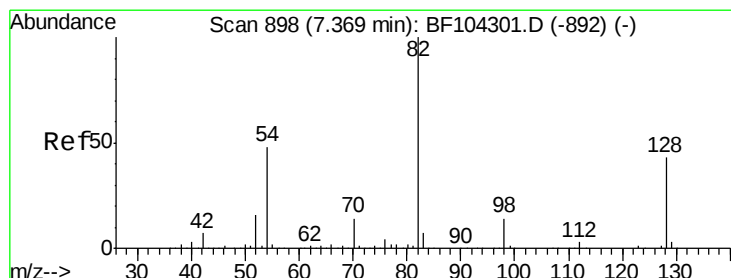
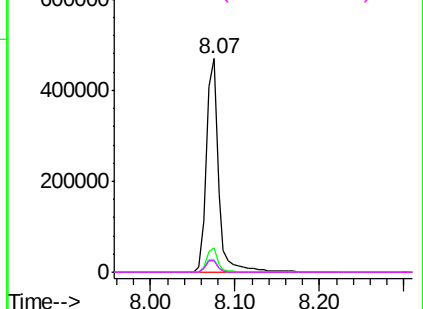
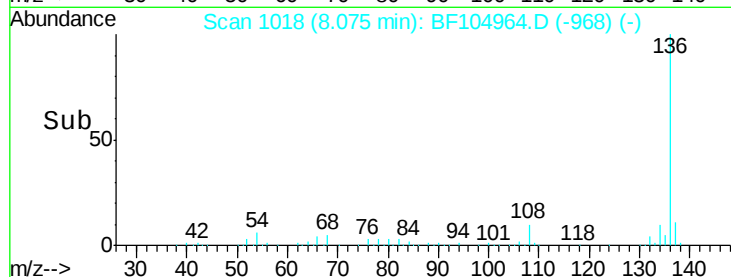
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF104964.D
Acq: 1 May 2018 6:03

Instrument :
BNA_F
ClientSampleId :
042618-SIDI-E-D-B

Tot Ion:136	Resp:	473075
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	5.7	6.6 9.8#
68	5.3	5.0 7.4

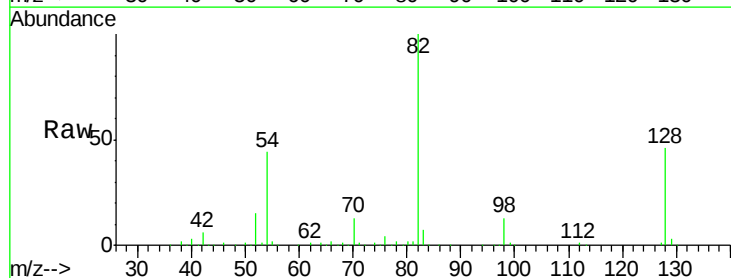


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

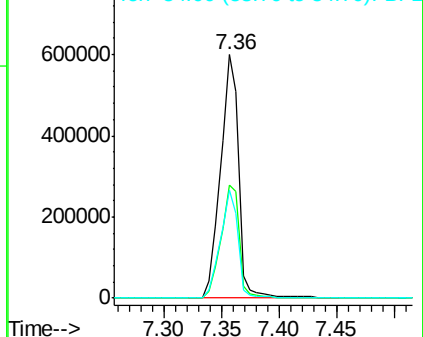
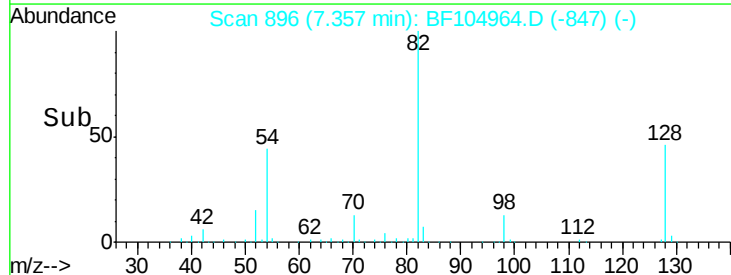


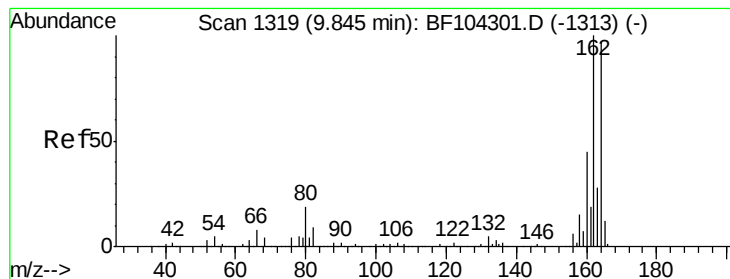
#23
Nitrobenzene-d5
Concen: 90.450 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104964.D
Acq: 1 May 2018 6:03

Tgt Ion: 82	Resp:	655294
Ion Ratio	Lower	Upper
82	100	
128	46.3	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): E
Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF104964.D

Acq: 1 May 2018 6:03

Instrument :

BNA_F

ClientSampleId :

042618-SIDI-E-D-B

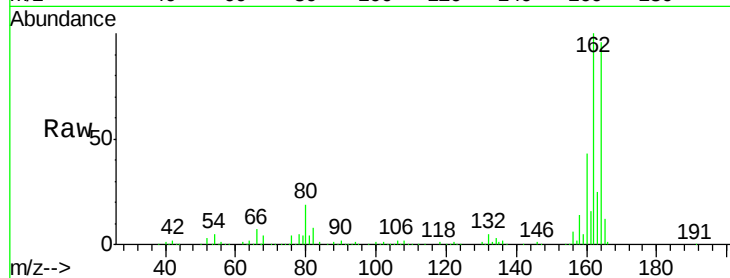
Tot Ion:164 Resp: 206269

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

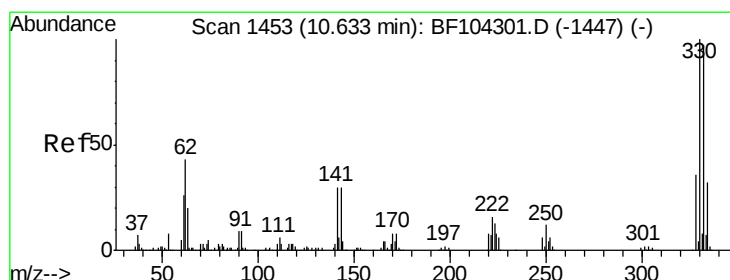
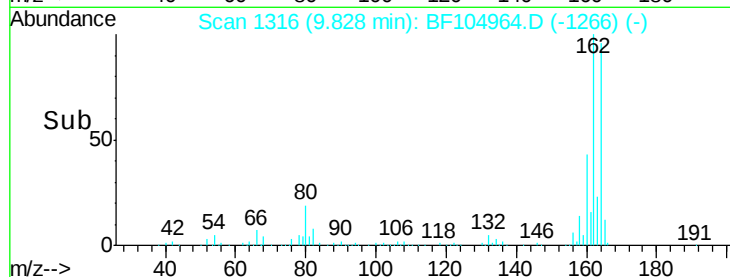
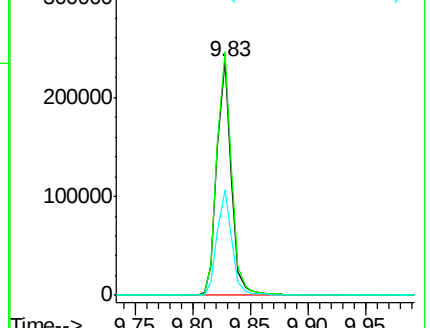
160 44.8 38.3 57.5



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: 73.480 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF104964.D

Acq: 1 May 2018 6:03

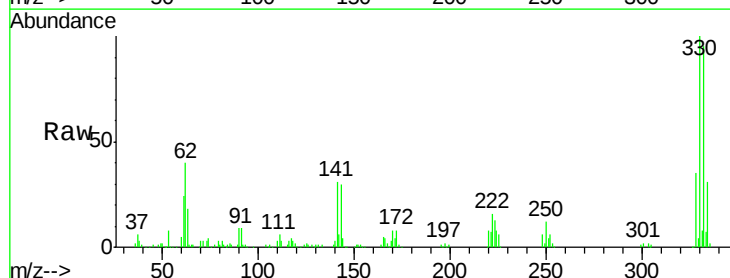
Tgt Ion:330 Resp: 157225

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

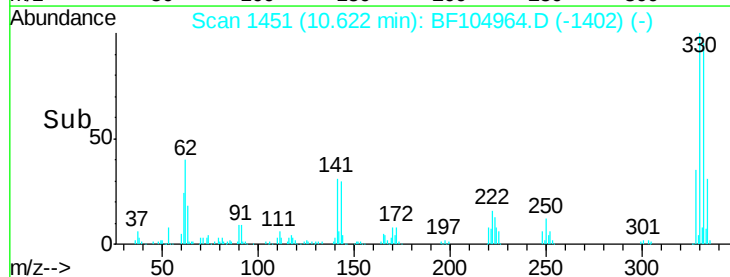
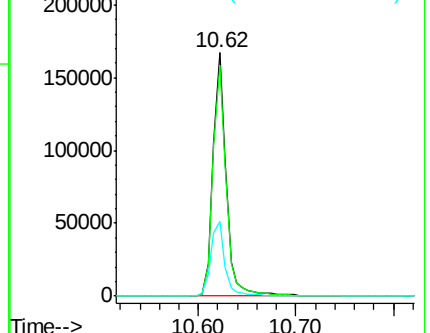
141 32.5 29.9 44.9

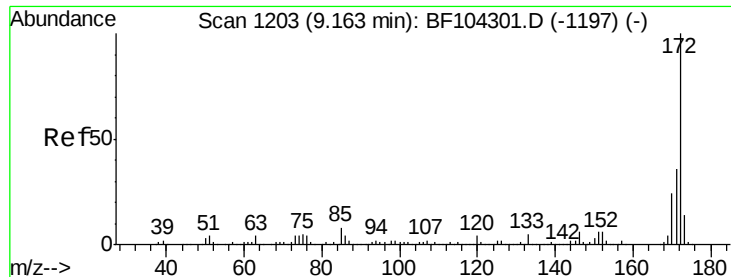


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

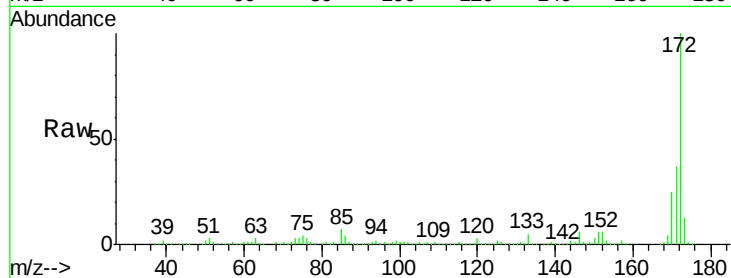




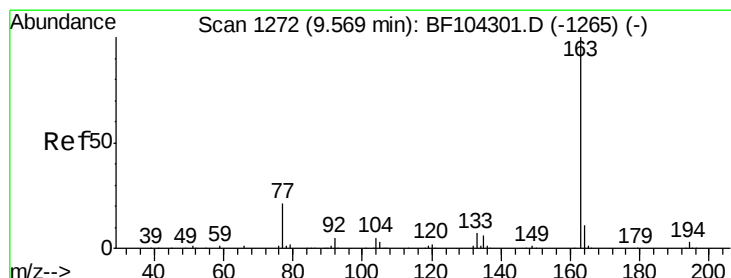
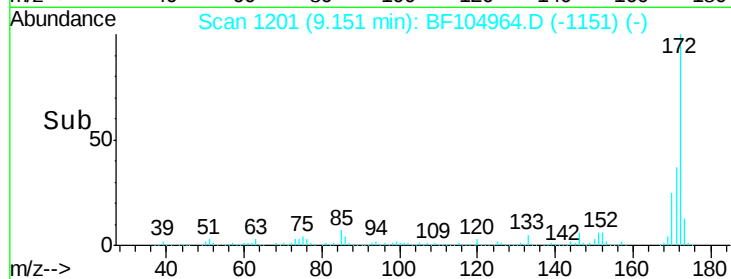
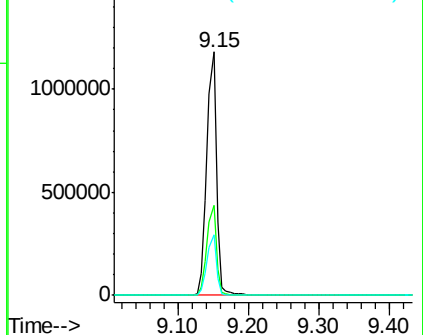
#44
2-Fluorobiphenyl
Concen: 87.398 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF104964.D
Acq: 1 May 2018 6:03

Instrument :
BNA_F
ClientSampleId :
042618-SIDI-E-D-B

Tot Ion:172 Resp: 1141157
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.7 19.6 29.4

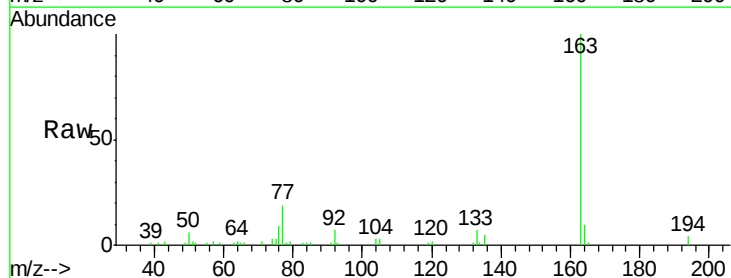


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

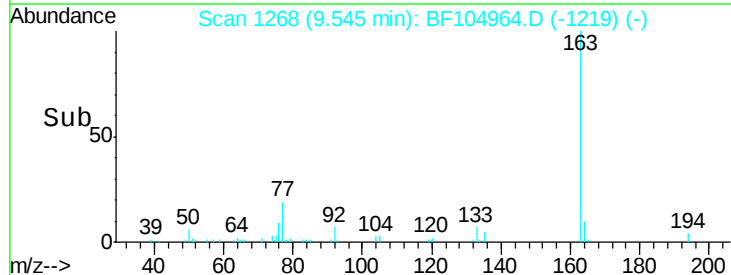
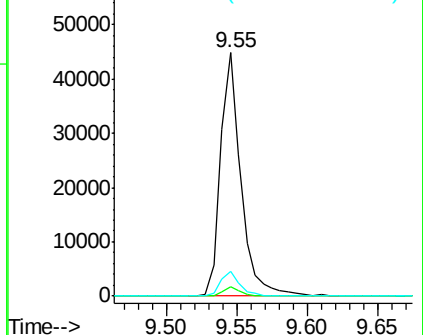


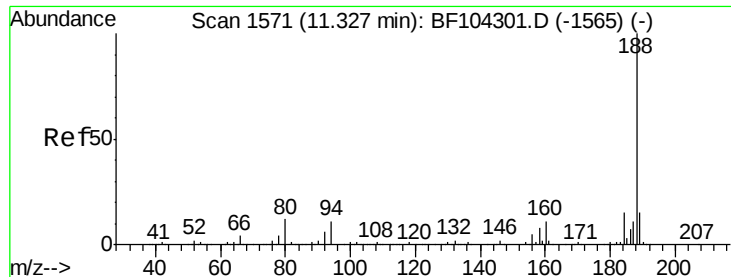
#49
Dimethylphthalate
Concen: 2.783 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104964.D
Acq: 1 May 2018 6:03

Tgt Ion:163 Resp: 45269
Ion Ratio Lower Upper
163 100
194 3.9 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

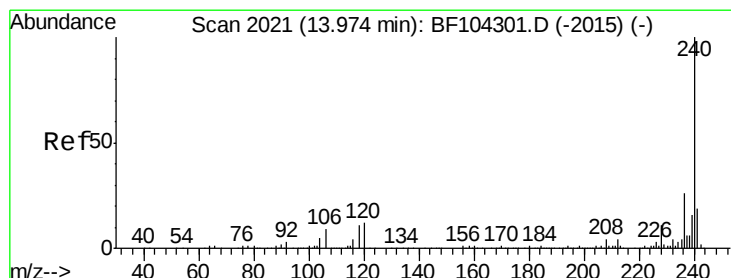
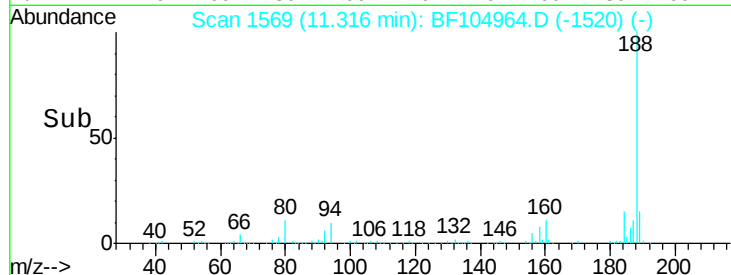
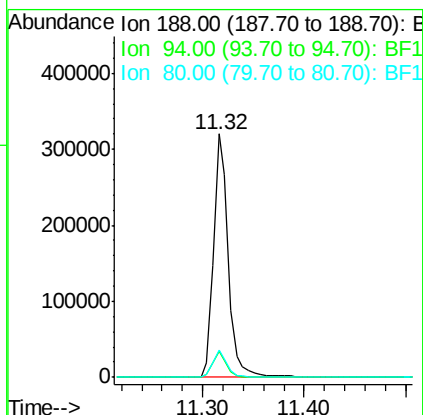
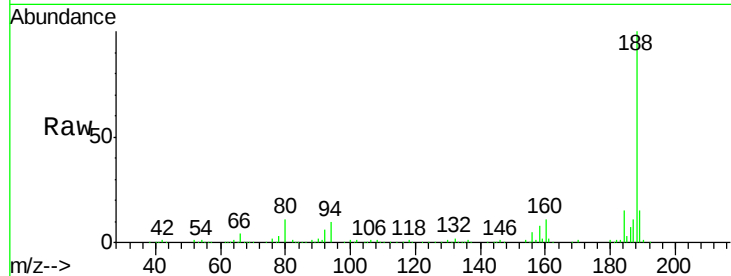




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF104964.D
Acq: 1 May 2018 6:03

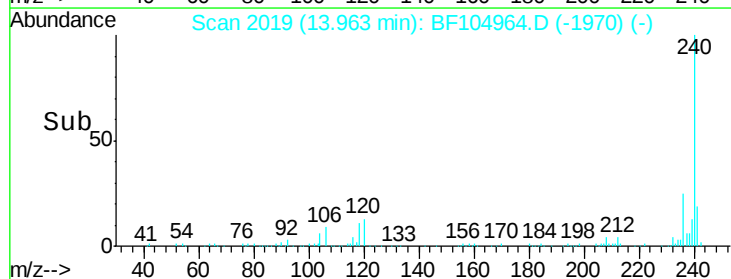
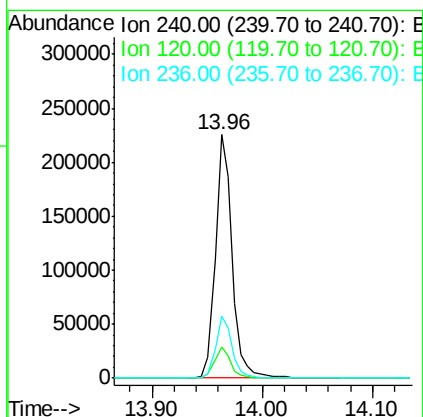
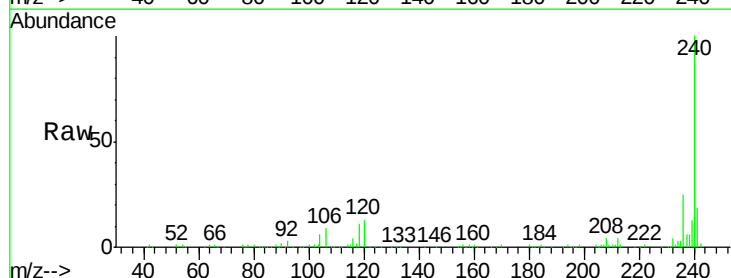
Instrument :
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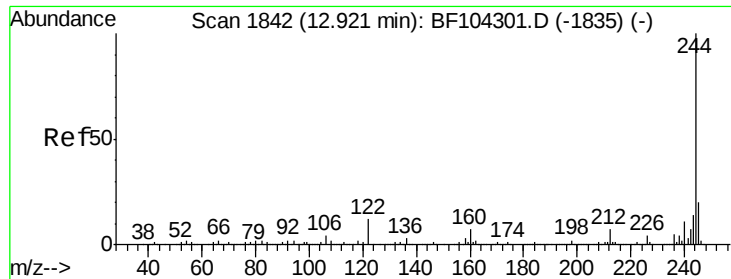
Tot Ion:188 Resp: 323057
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104964.D
Acq: 1 May 2018 6:03

Tgt Ion:240 Resp: 233781
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.4 20.7 31.1





#78

Terphenyl-d14

Concen: 79.511 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF104964.D

Acq: 1 May 2018 6:03

Instrument :

BNA_F

ClientSampleId :

042618-SIDI-E-D-B

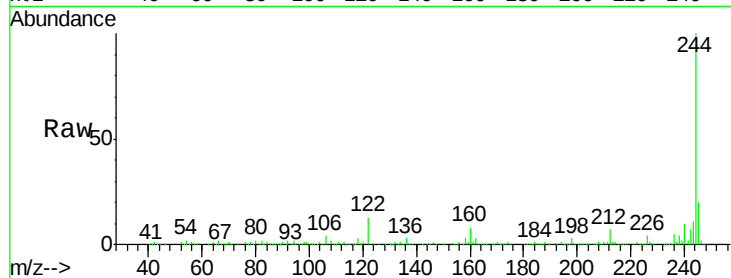
Tot Ion:244 Resp: 815334

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

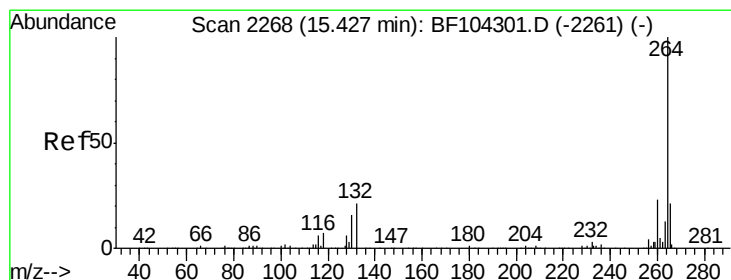
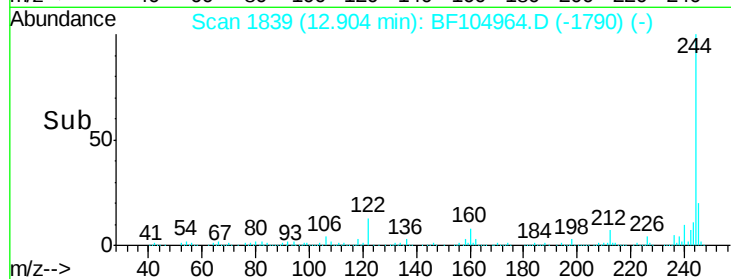
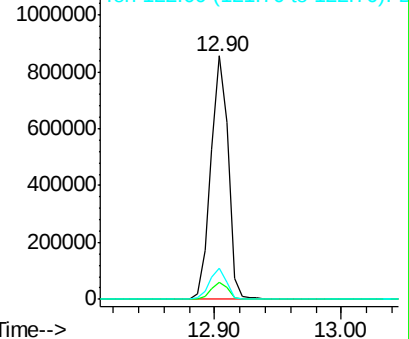
122 13.0 11.0 16.4



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: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF104964.D

Acq: 1 May 2018 6:03

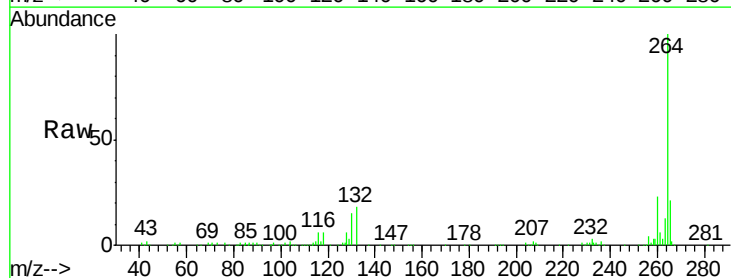
Tgt Ion:264 Resp: 193941

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 20.8 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

