

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105091.D
 Acq On : 3 May 2018 23:40
 Operator : JU/SJ
 Sample : J2709-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WAYNE

Quant Time: May 04 03:51:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

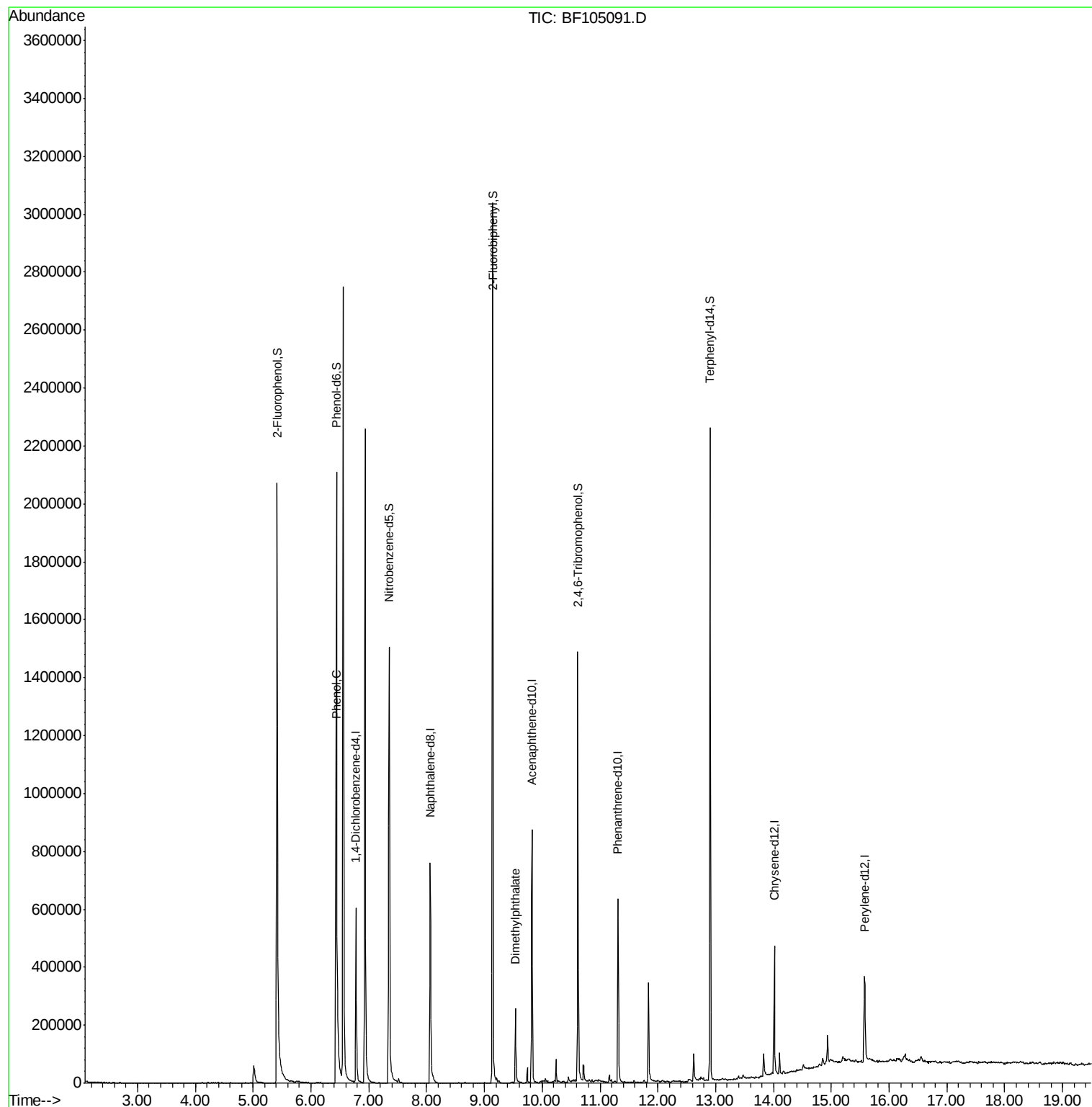
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	110154	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	431347	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	177130	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	262267	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	179906	20.00	ng	-0.02
86) Perylene-d12	15.57	264	134040	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	920484	127.77	ng	0.00
7) Phenol-d6	6.44	99	1085284	122.61	ng	0.00
23) Nitrobenzene-d5	7.35	82	646105	97.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	219395	119.40	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1099529	98.06	ng	-0.01
78) Terphenyl-d14	12.90	244	781099	98.98	ng	-0.01
Target Compounds						
10) Phenol	6.45	94	24865	2.648	ng	Qvalue # 63
49) Dimethylphthalate	9.54	163	129731	9.288	ng	97

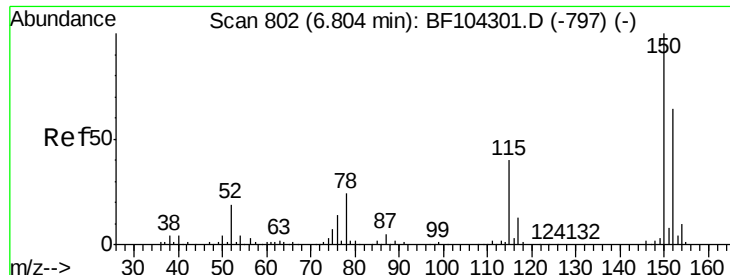
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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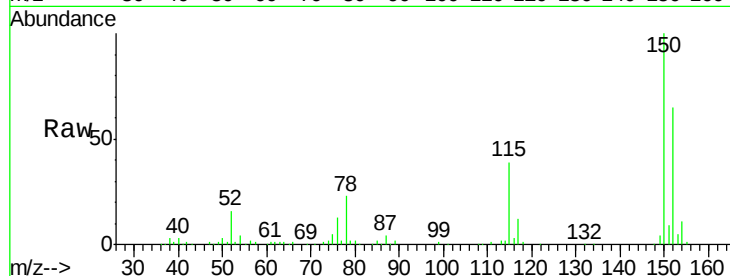


#1

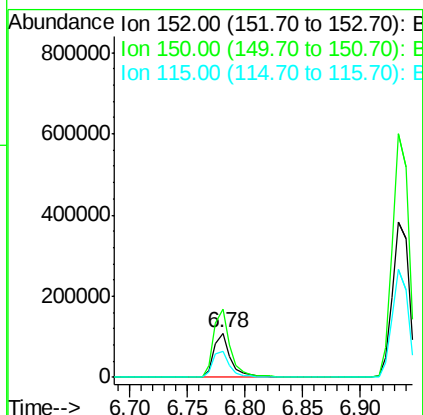
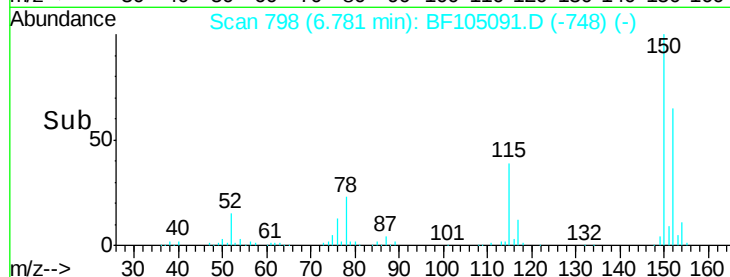
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF105091.D
 Acq: 3 May 2018 23:40

Instrument :
 BNA_F
 ClientSampleId :
 WAYNE

Tot Ion:152 Resp: 110154
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.6 186.8
 115 59.8 50.1 75.1



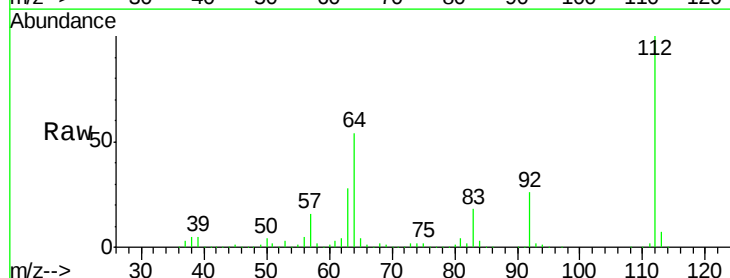
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



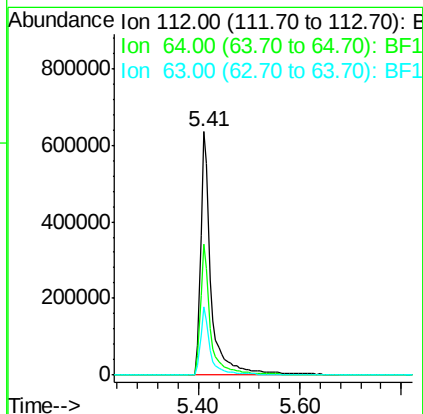
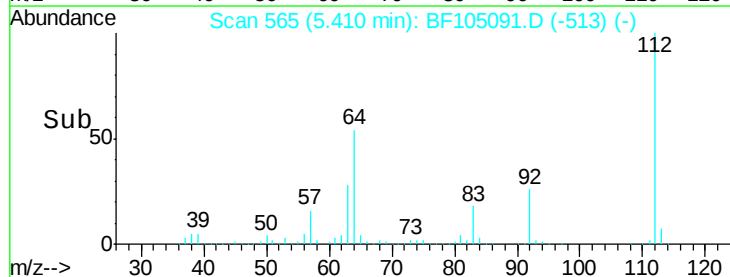
#5

2-Fluorophenol
 Concen: 127.773 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF105091.D
 Acq: 3 May 2018 23:40

Tgt Ion:112 Resp: 920484
 Ion Ratio Lower Upper
 112 100
 64 53.9 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: 122.611 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF105091.D

Acq: 3 May 2018 23:40

Instrument :

BNA_F

ClientSampled :

WAYNE

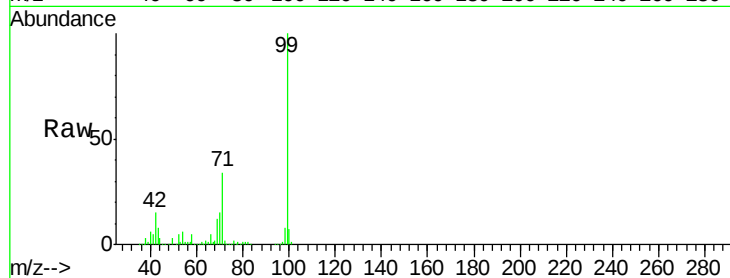
Tot Ion: 99 Resp: 1085284

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

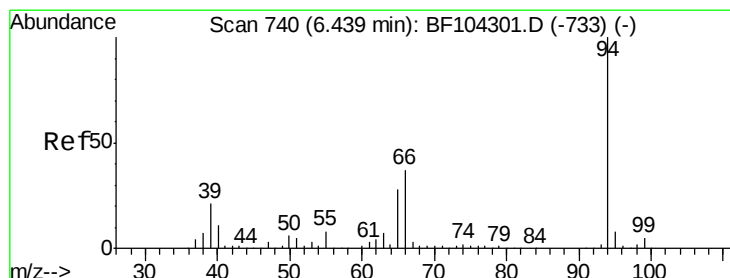
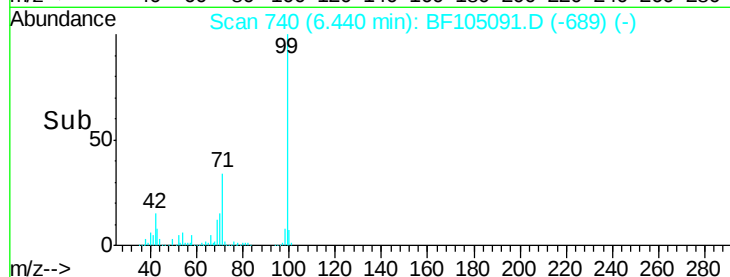
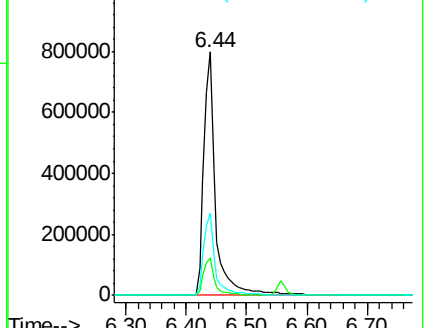
71 33.8 25.4 38.0



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: 2.648 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF105091.D

Acq: 3 May 2018 23:40

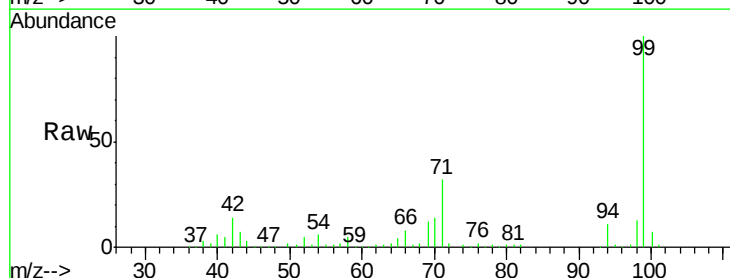
Tgt Ion: 94 Resp: 24865

Ion Ratio Lower Upper

94 100

65 33.5 7.9 47.9

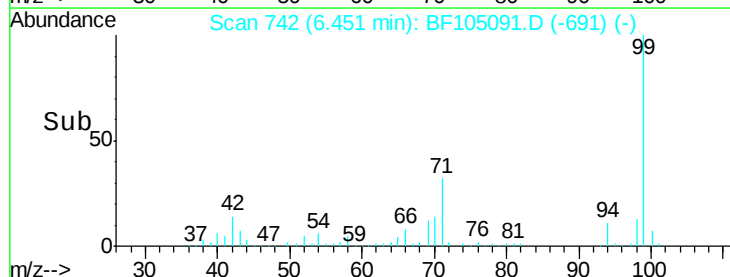
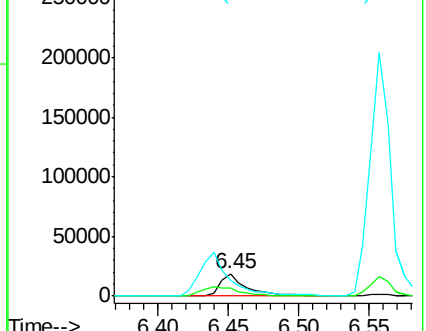
66 70.3 16.2 56.2#



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: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF105091.D

Acq: 3 May 2018 23:40

Instrument :

BNA_F

ClientSampleId :

WAYNE

Tot Ion:136 Resp: 431347

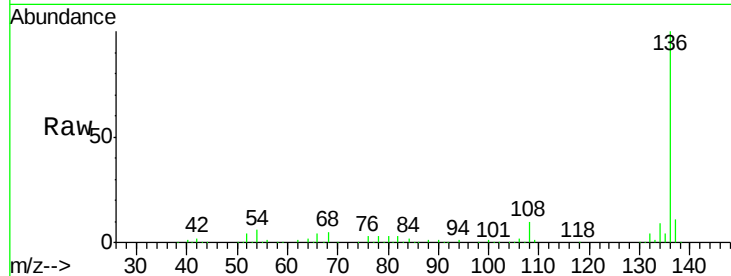
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.5 6.6 9.8#

68 5.4 5.0 7.4

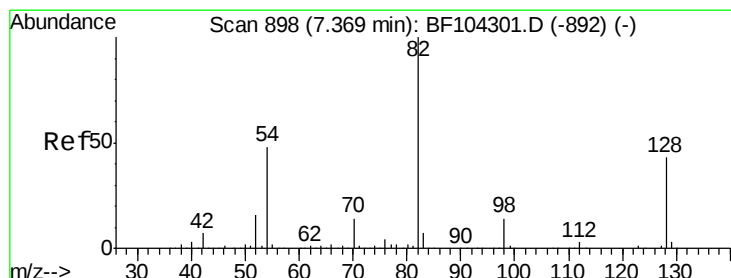
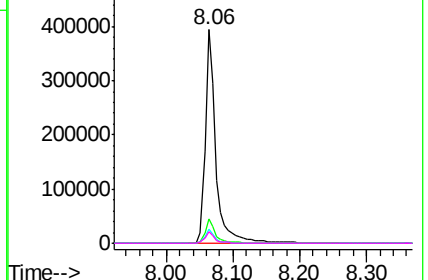
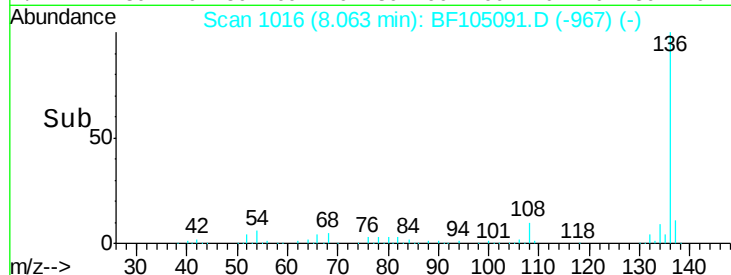


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 97.809 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.02 min

Lab File: BF105091.D

Acq: 3 May 2018 23:40

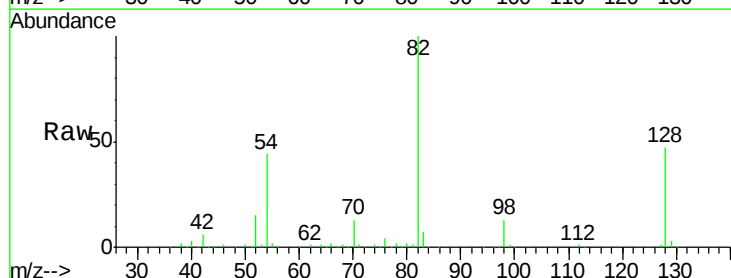
Tgt Ion: 82 Resp: 646105

Ion Ratio Lower Upper

82 100

128 47.0 36.1 54.1

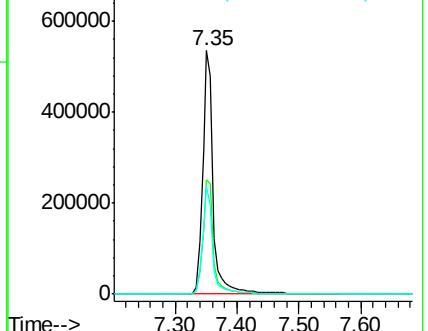
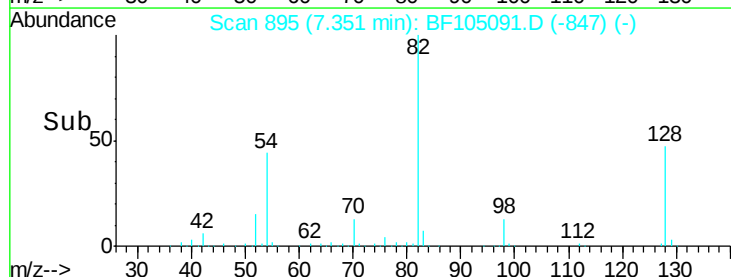
54 44.3 41.4 62.2



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

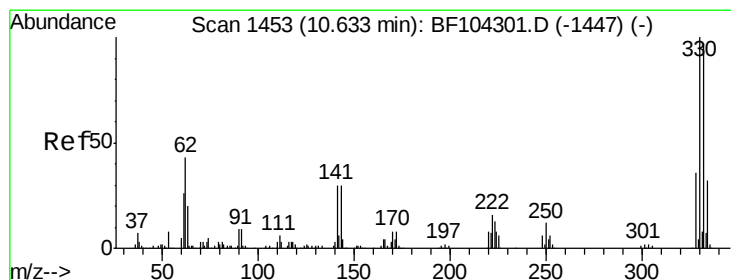
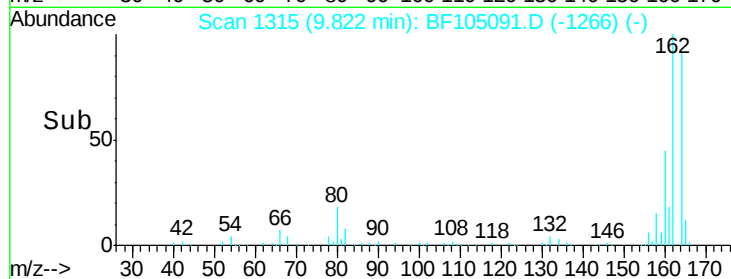
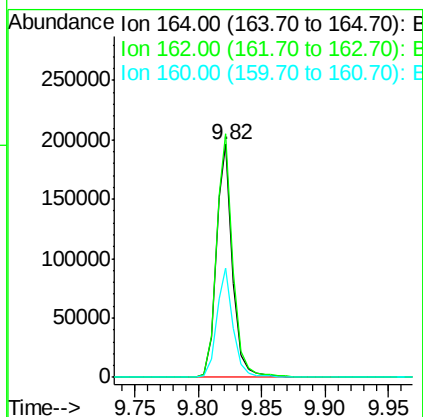
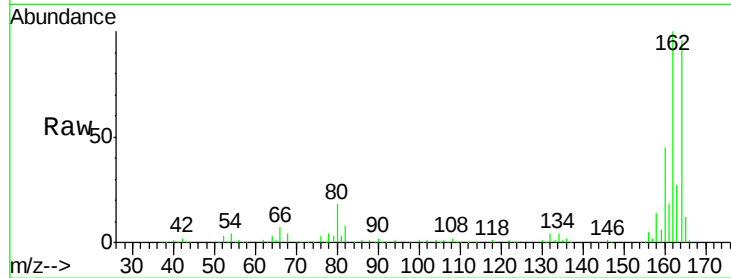




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105091.D
Acq: 3 May 2018 23:40

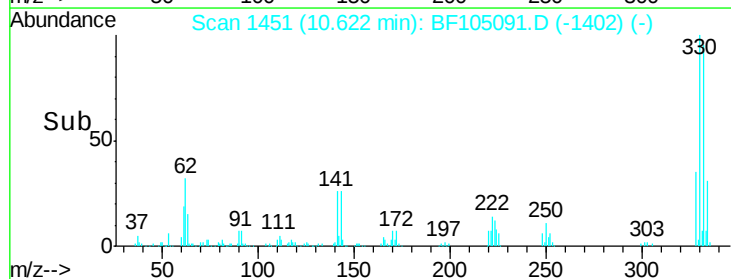
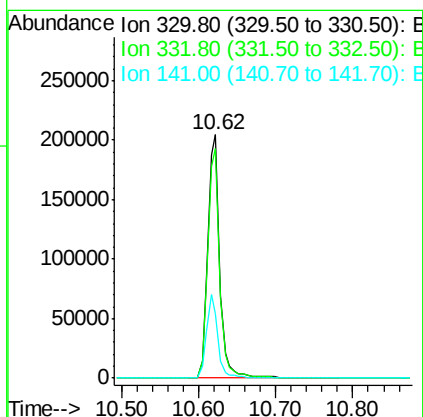
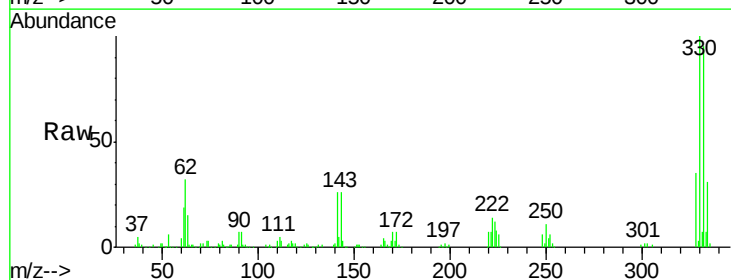
Instrument :
BNA_F
ClientSampleId :
WAYNE

Tot Ion:164 Resp: 177130
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 46.7 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 119.404 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF105091.D
Acq: 3 May 2018 23:40

Tgt Ion:330 Resp: 219395
Ion Ratio Lower Upper
330 100
332 94.8 77.0 115.6
141 32.9 29.9 44.9

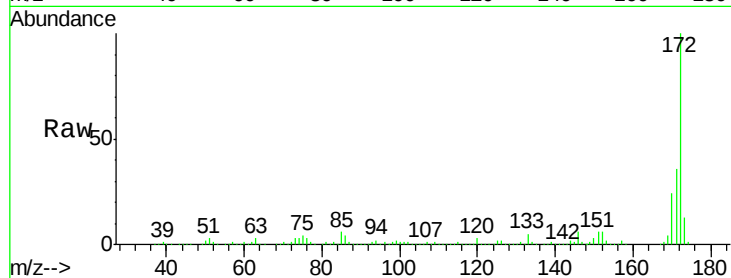




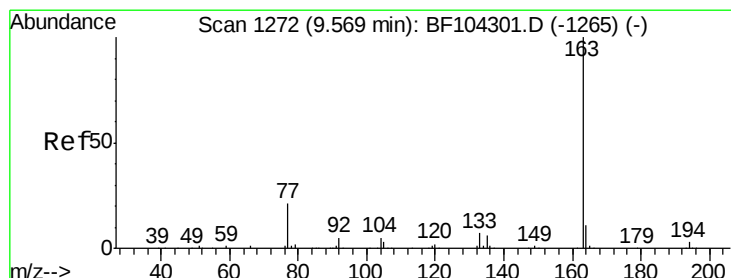
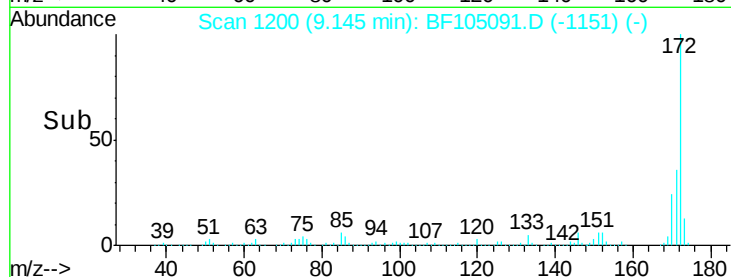
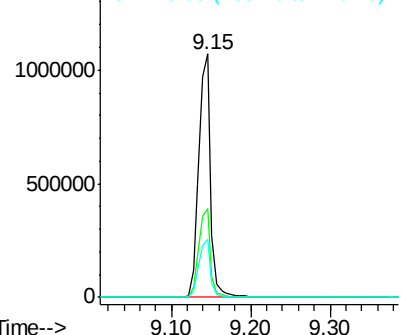
#44
2-Fluorobiphenyl
Concen: 98.063 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF105091.D
Acq: 3 May 2018 23:40

Instrument :
BNA_F
ClientSampled :
WAYNE

Tot Ion:172 Resp: 1099529
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 23.7 19.6 29.4

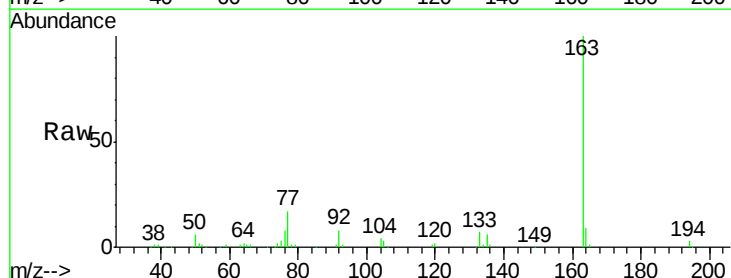


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

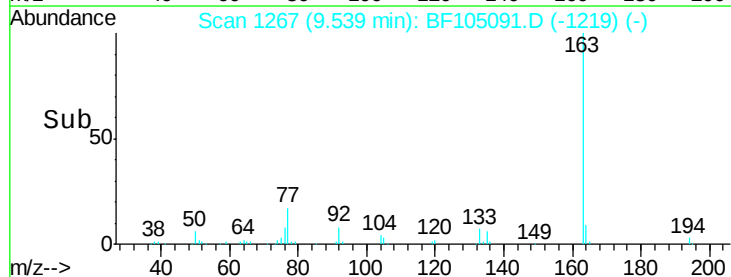
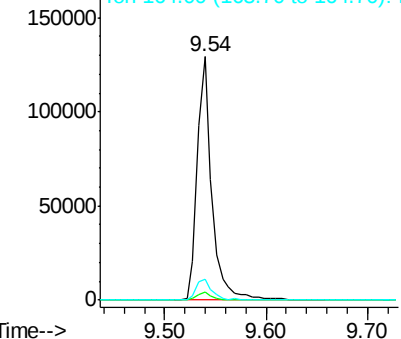


#49
Dimethylphthalate
Concen: 9.288 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF105091.D
Acq: 3 May 2018 23:40

Tgt Ion:163 Resp: 129731
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 8.8 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

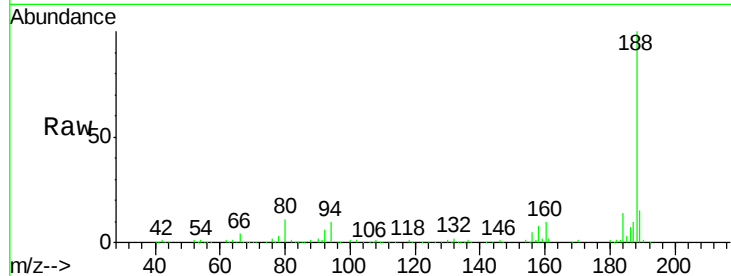




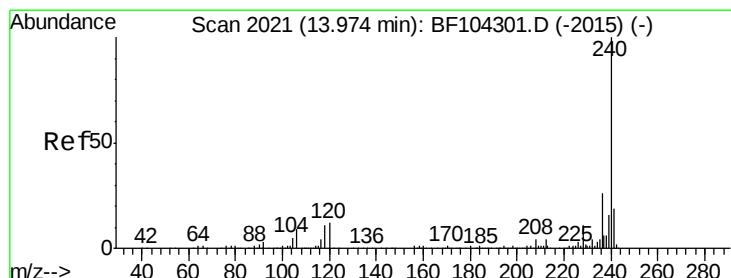
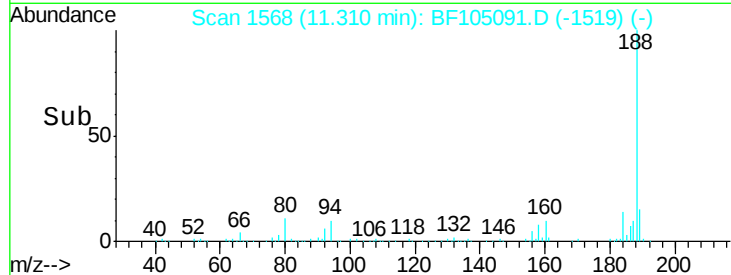
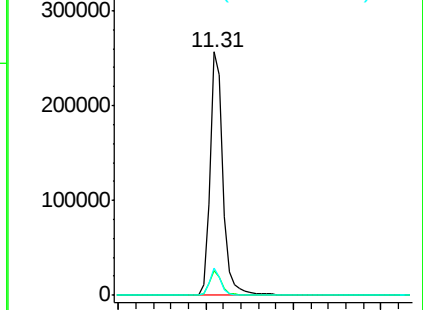
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105091.D
Acq: 3 May 2018 23:40

Instrument :
BNA_F
ClientSampleId :
WAYNE

Tot Ion:188 Resp: 262267
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.4 9.2 13.8

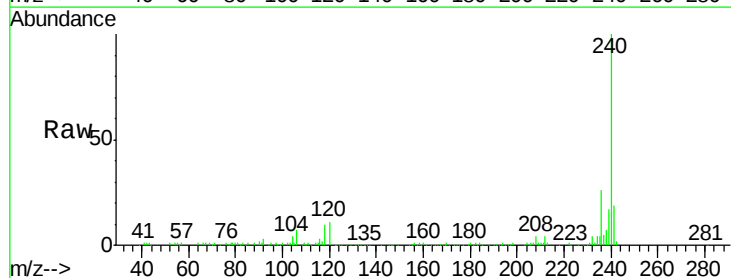


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

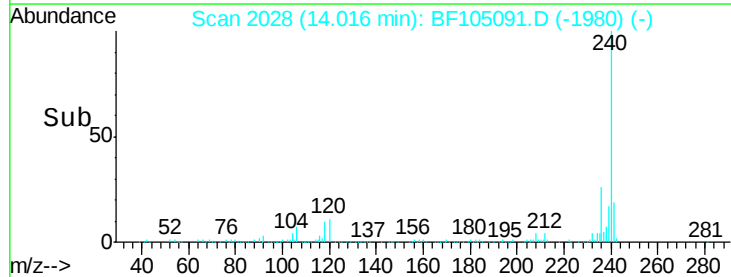
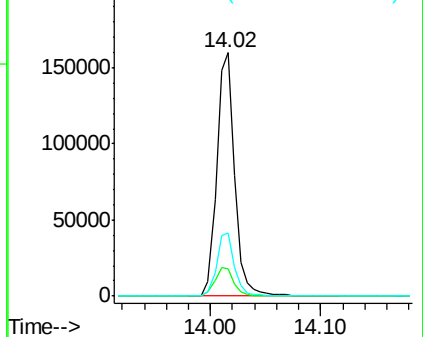


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF105091.D
Acq: 3 May 2018 23:40

Tgt Ion:240 Resp: 179906
Ion Ratio Lower Upper
240 100
120 11.1 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: 98.983 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF105091.D

Acq: 3 May 2018 23:40

Instrument :

BNA_F

ClientSampleId :

WAYNE

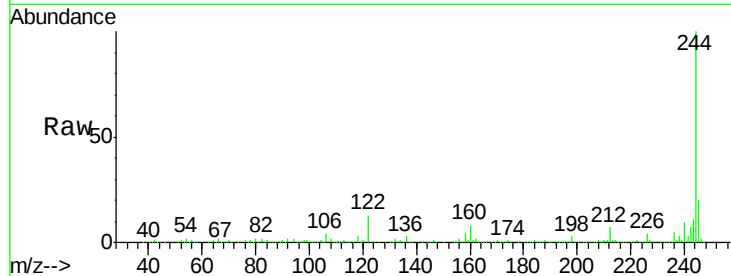
Tot Ion:244 Resp: 781099

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

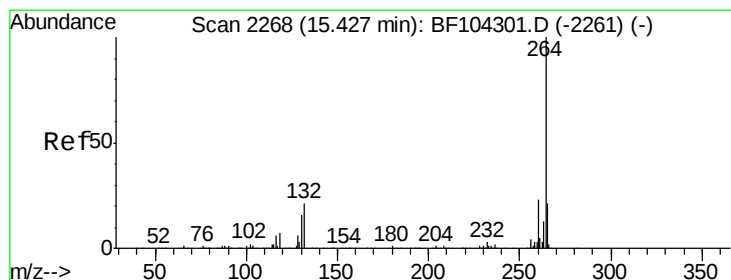
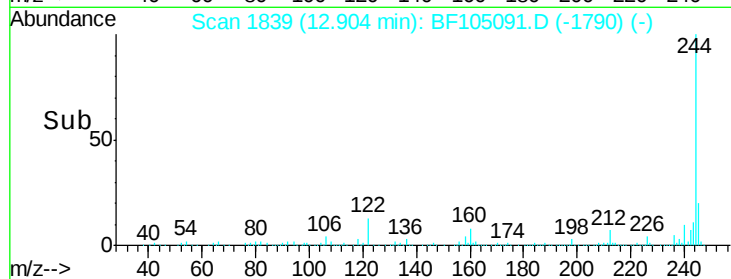
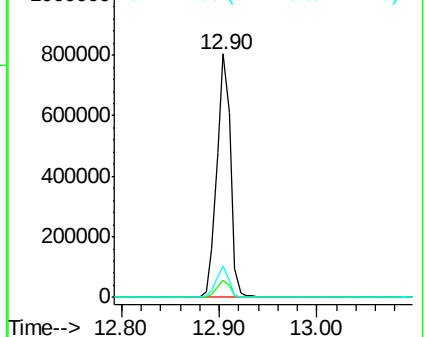
122 13.0 11.0 16.4



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: 15.57 min Scan# 2293

Delta R.T. -0.02 min

Lab File: BF105091.D

Acq: 3 May 2018 23:40

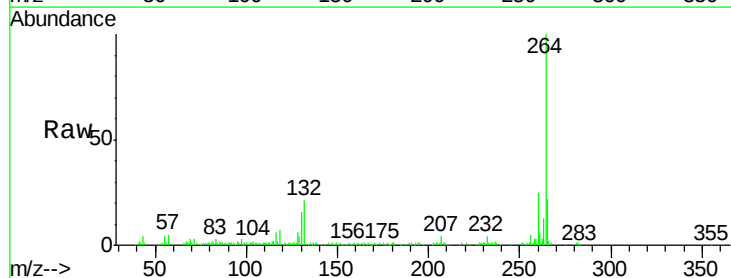
Tgt Ion:264 Resp: 134040

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.7 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

