

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105082.D
 Acq On : 3 May 2018 19:37
 Operator : JU/SJ
 Sample : J2667-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667

Quant Time: May 04 04:01:09 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

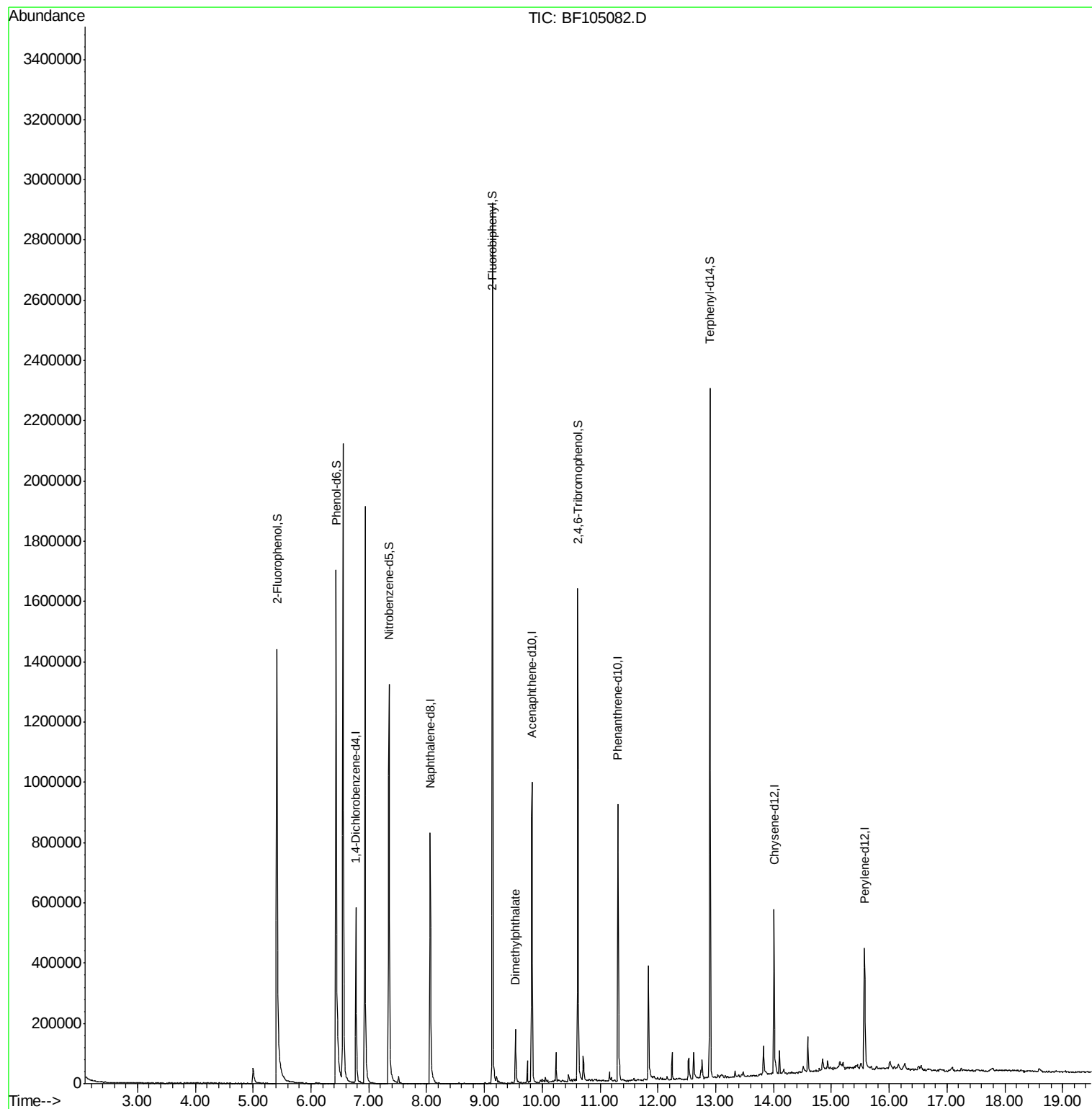
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	110218	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	465465	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	211796	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	356908	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	200232	20.00	ng	-0.02
86) Perylene-d12	15.57	264	184741	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	706691	98.04	ng	0.00
7) Phenol-d6	6.43	99	849140	95.88	ng	0.00
23) Nitrobenzene-d5	7.35	82	517135	72.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	218732	99.56	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	977250	72.89	ng	-0.02
78) Terphenyl-d14	12.90	244	774405	88.17	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	89861	5.380	ng	99

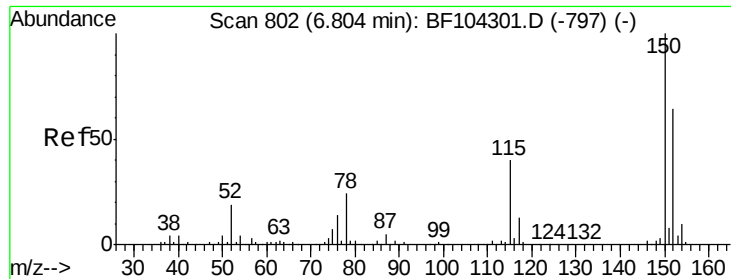
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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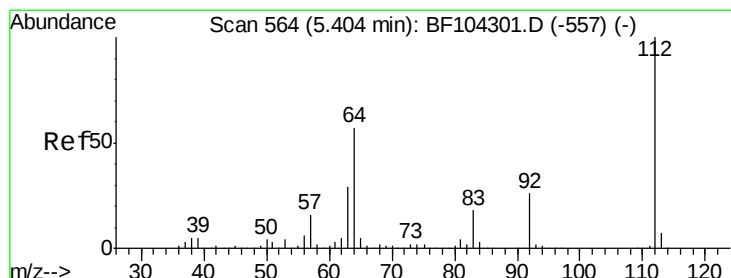
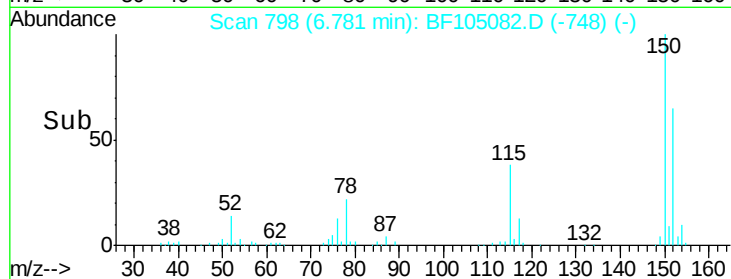
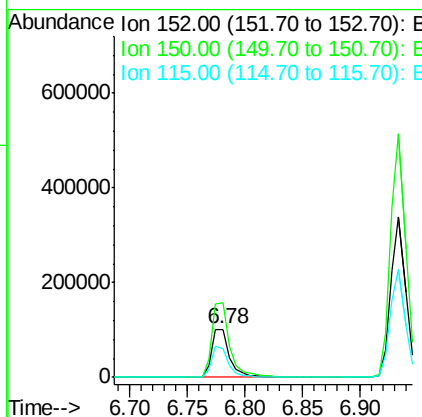
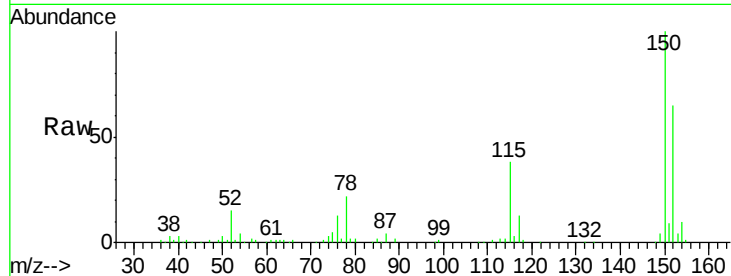




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF105082.D
 Acq: 3 May 2018 19:37

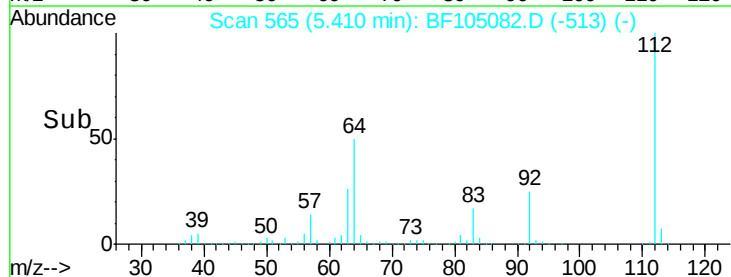
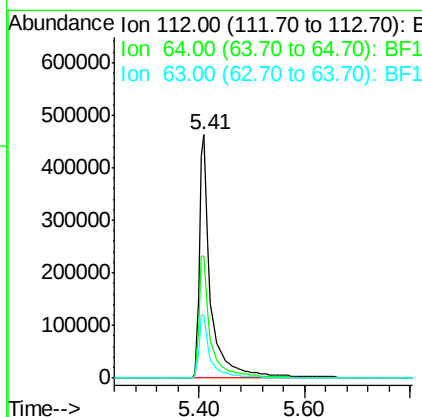
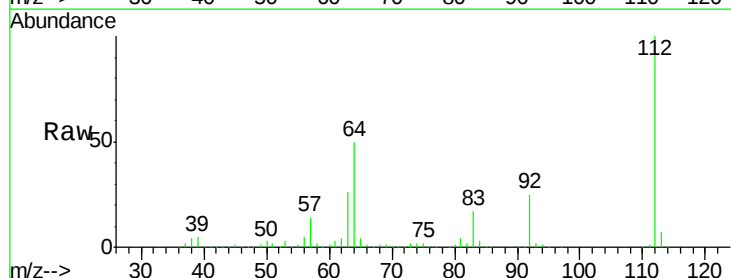
Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667

Tot Ion:152 Resp: 110218
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 59.0 50.1 75.1



#5
 2-Fluorophenol
 Concen: 98.039 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF105082.D
 Acq: 3 May 2018 19:37

Tgt Ion:112 Resp: 706691
 Ion Ratio Lower Upper
 112 100
 64 50.3 47.9 71.9
 63 25.8 23.7 35.5





#7

Phenol-d6

Concen: 95.877 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF105082.D

Acq: 3 May 2018 19:37

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667

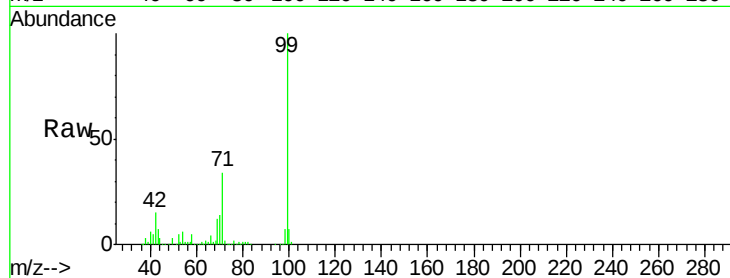
Tot Ion: 99 Resp: 849140

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

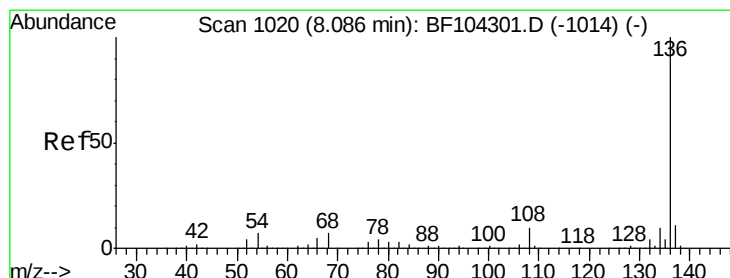
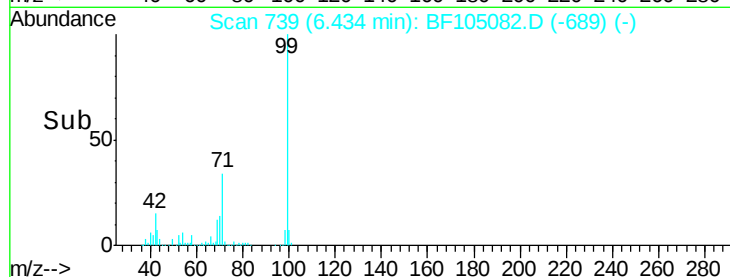
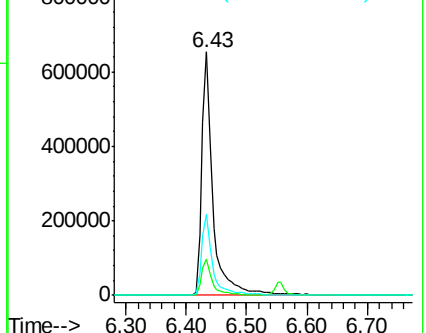
71 33.5 25.4 38.0



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: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF105082.D

Acq: 3 May 2018 19:37

Tgt Ion: 136 Resp: 465465

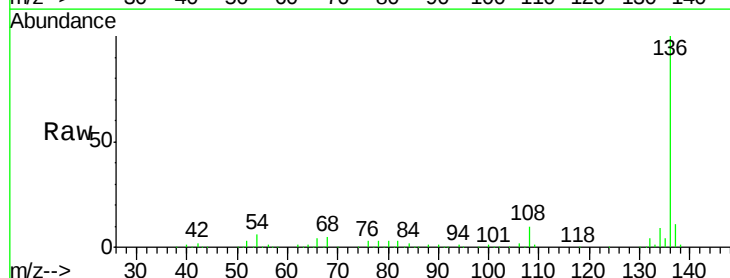
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 5.9 6.6 9.8#

68 5.1 5.0 7.4

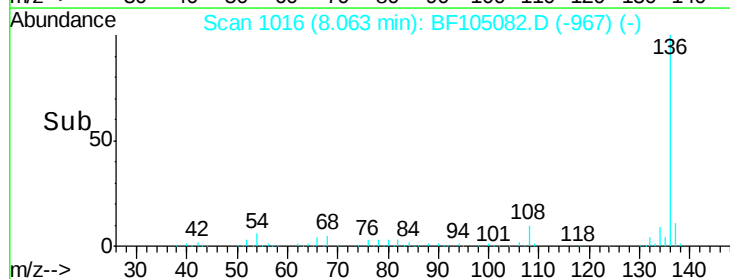
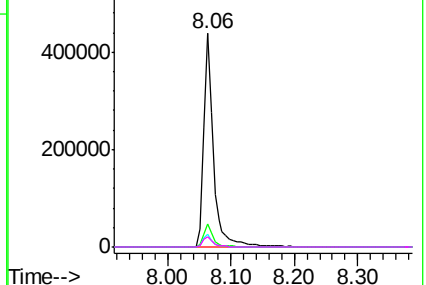


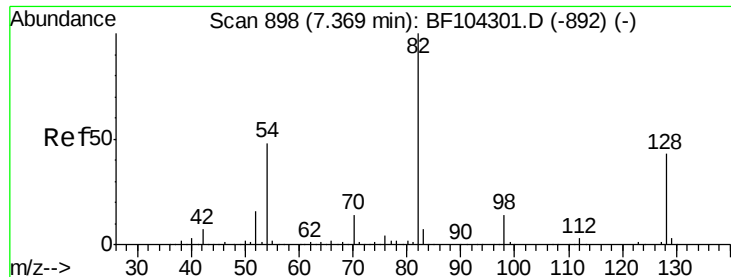
Abundance Ion 136.00 (135.70 to 136.70): E

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

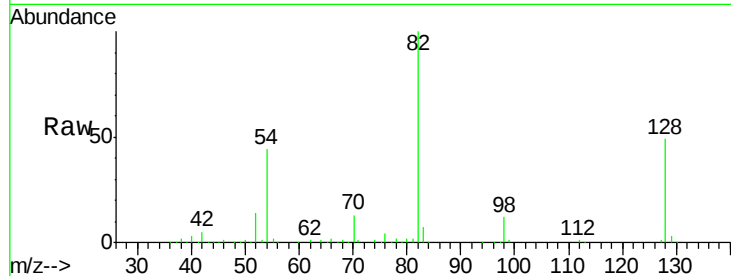




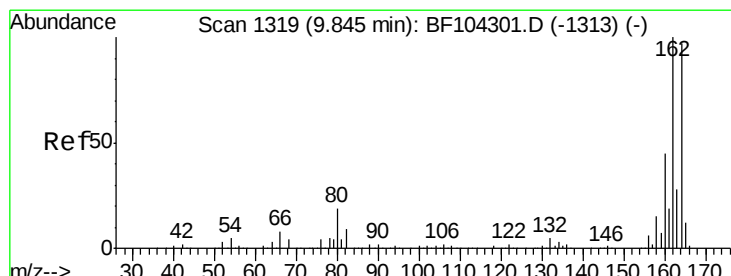
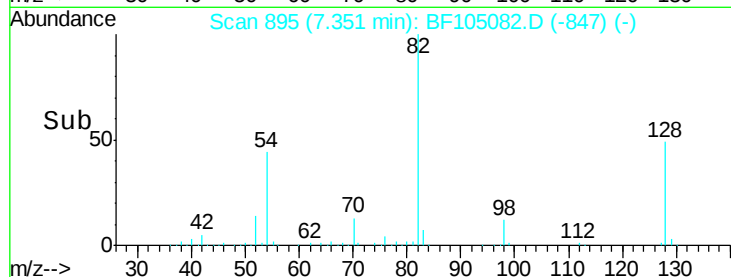
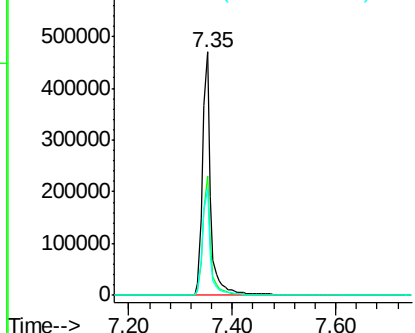
#23
Nitrobenzene-d5
Concen: 72.547 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF105082.D
Acq: 3 May 2018 19:37

Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667

Tot Ion: 82 Resp: 517135
Ion Ratio Lower Upper
82 100
128 49.2 36.1 54.1
54 43.7 41.4 62.2

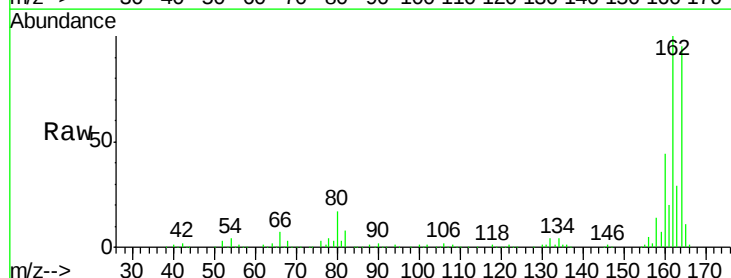


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

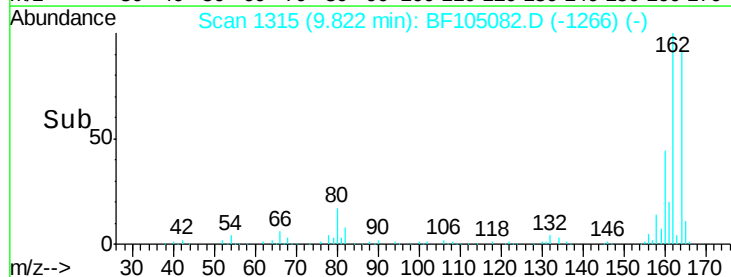
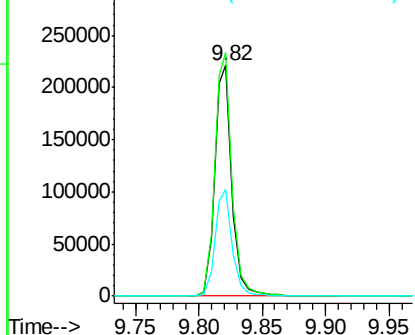


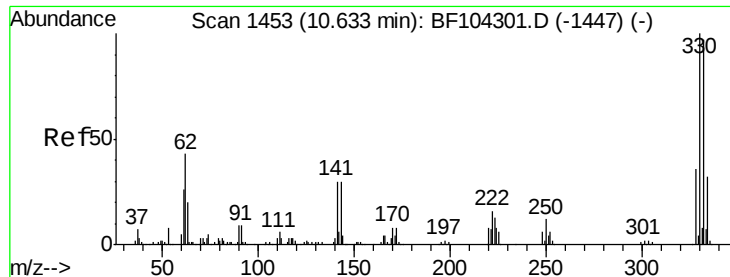
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105082.D
Acq: 3 May 2018 19:37

Tgt Ion: 164 Resp: 211796
Ion Ratio Lower Upper
164 100
162 105.8 86.1 129.1
160 46.5 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: 99.559 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.02 min

Lab File: BF105082.D

Acq: 3 May 2018 19:37

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667

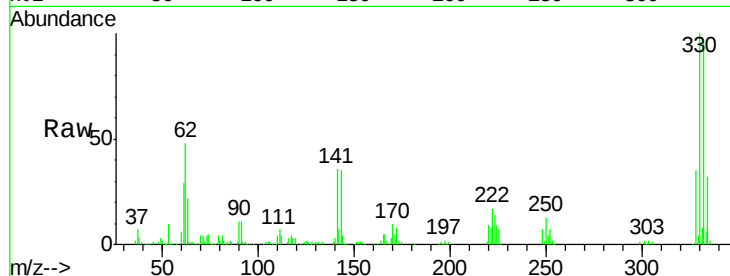
Tot Ion:330 Resp: 218732

Ion Ratio Lower Upper

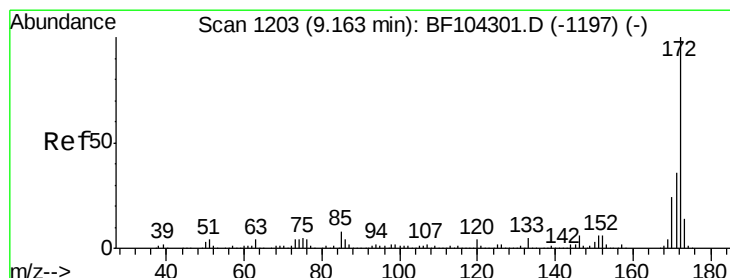
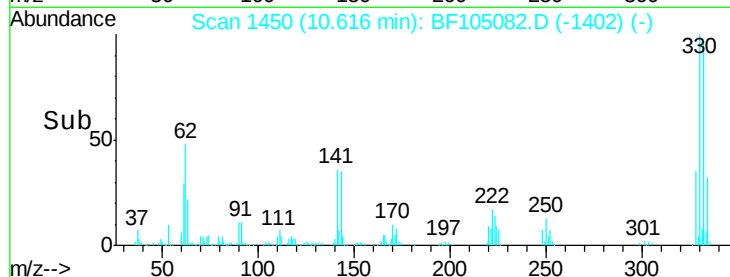
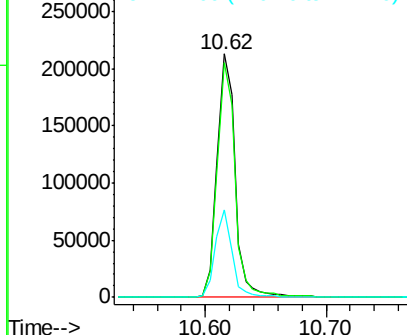
330 100

332 95.7 77.0 115.6

141 33.7 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: 72.891 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.02 min

Lab File: BF105082.D

Acq: 3 May 2018 19:37

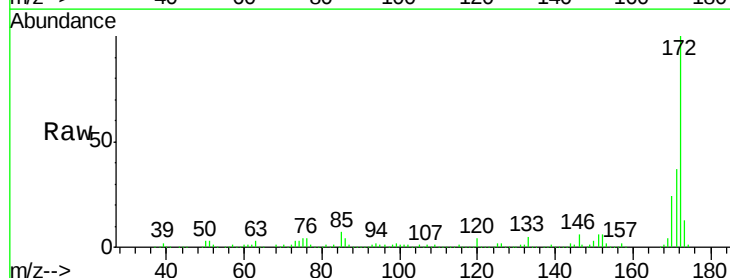
Tgt Ion:172 Resp: 977250

Ion Ratio Lower Upper

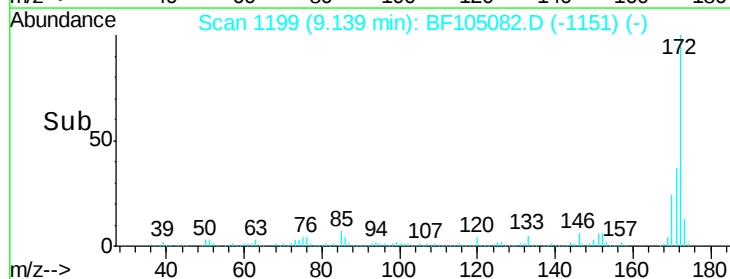
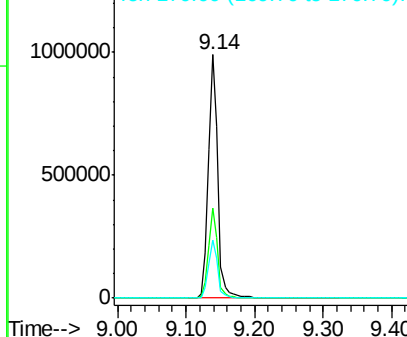
172 100

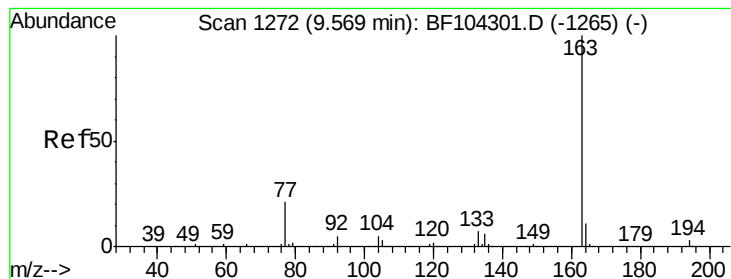
171 36.8 29.7 44.5

170 23.9 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: 5.380 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF105082.D

Acq: 3 May 2018 19:37

Instrument :

BNA_F

ClientSampleId :

285-147-7212002-RB26667

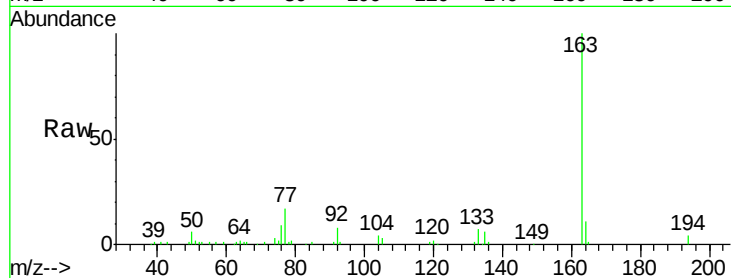
Tot Ion:163 Resp: 89861

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

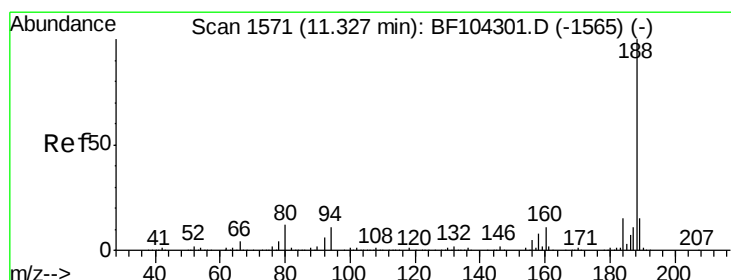
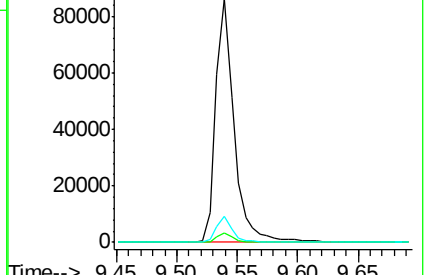
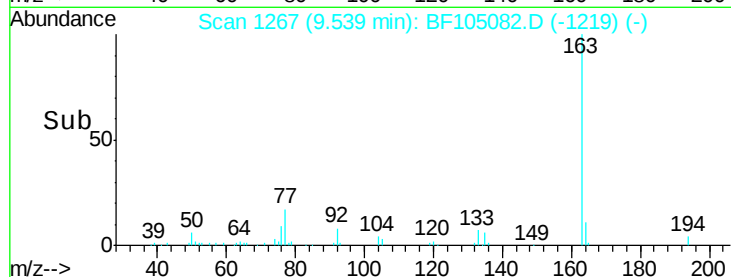
164 10.7 8.2 12.2



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: BF105082.D

Acq: 3 May 2018 19:37

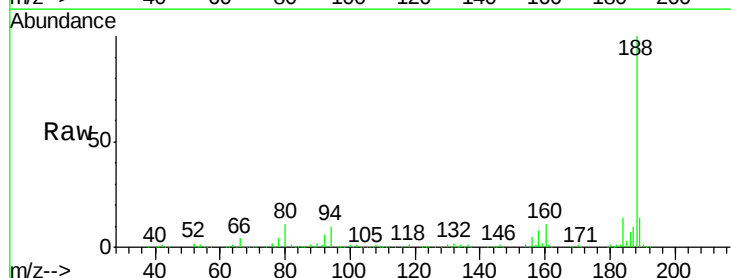
Tgt Ion:188 Resp: 356908

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

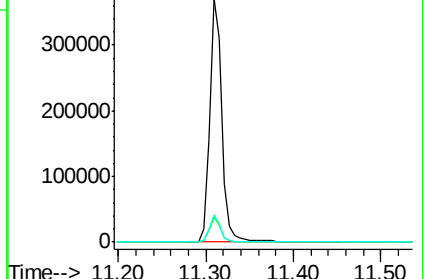
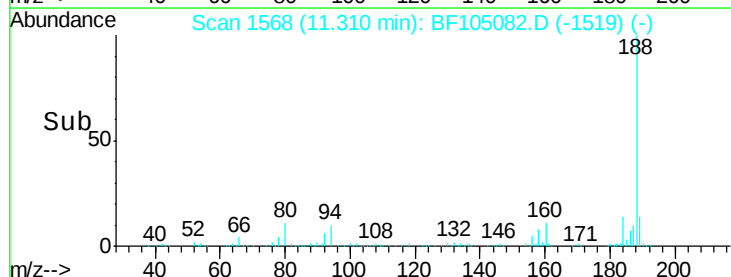
80 11.1 9.2 13.8

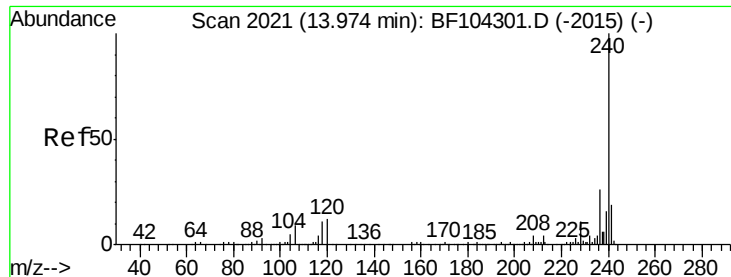


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF105082.D

Acq: 3 May 2018 19:37

Instrument :

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ClientSampleId :

285-147-7212002-RB26667

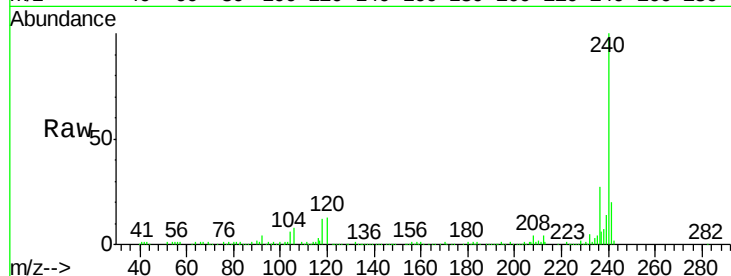
Tot Ion:240 Resp: 200232

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

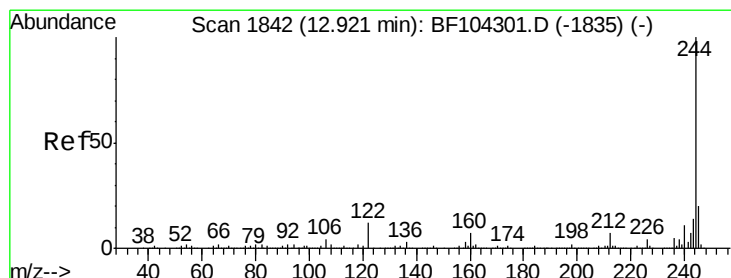
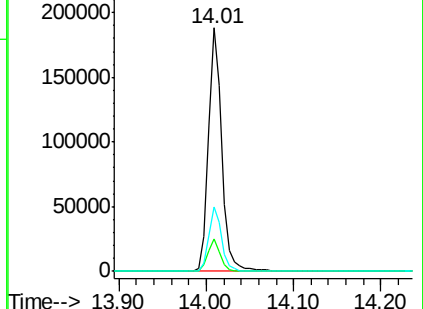
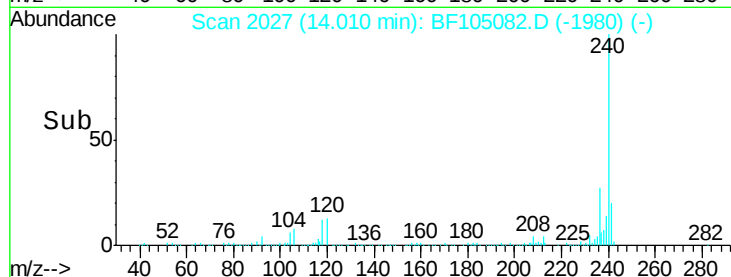
236 26.5 20.7 31.1



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: 88.173 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF105082.D

Acq: 3 May 2018 19:37

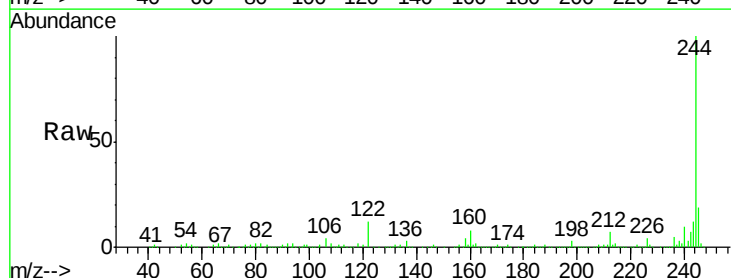
Tgt Ion:244 Resp: 774405

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

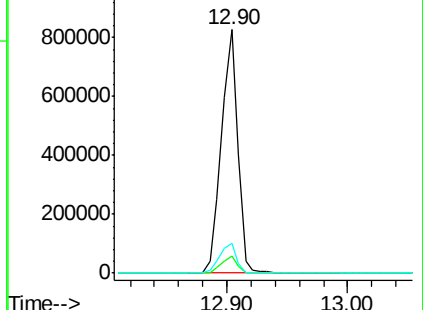
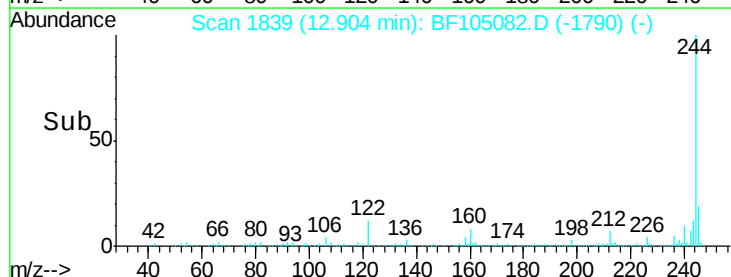
122 12.0 11.0 16.4

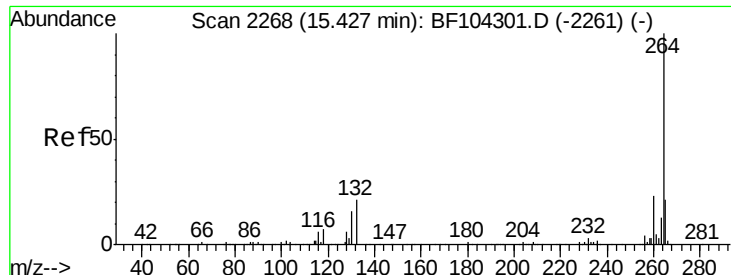


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

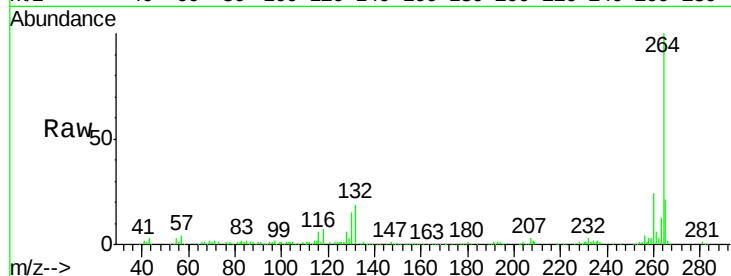




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. -0.02 min
 Lab File: BF105082.D
 Acq: 3 May 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 285-147-7212002-RB26667

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	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

