

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
 Data File : BF086907.D
 Acq On : 12 May 2016 00:29
 Operator : UM/SJ
 Sample : H2965-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-19(11.5-12)

Quant Time: May 12 01:49:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 01:06:48 2016
 Response via : Initial Calibration

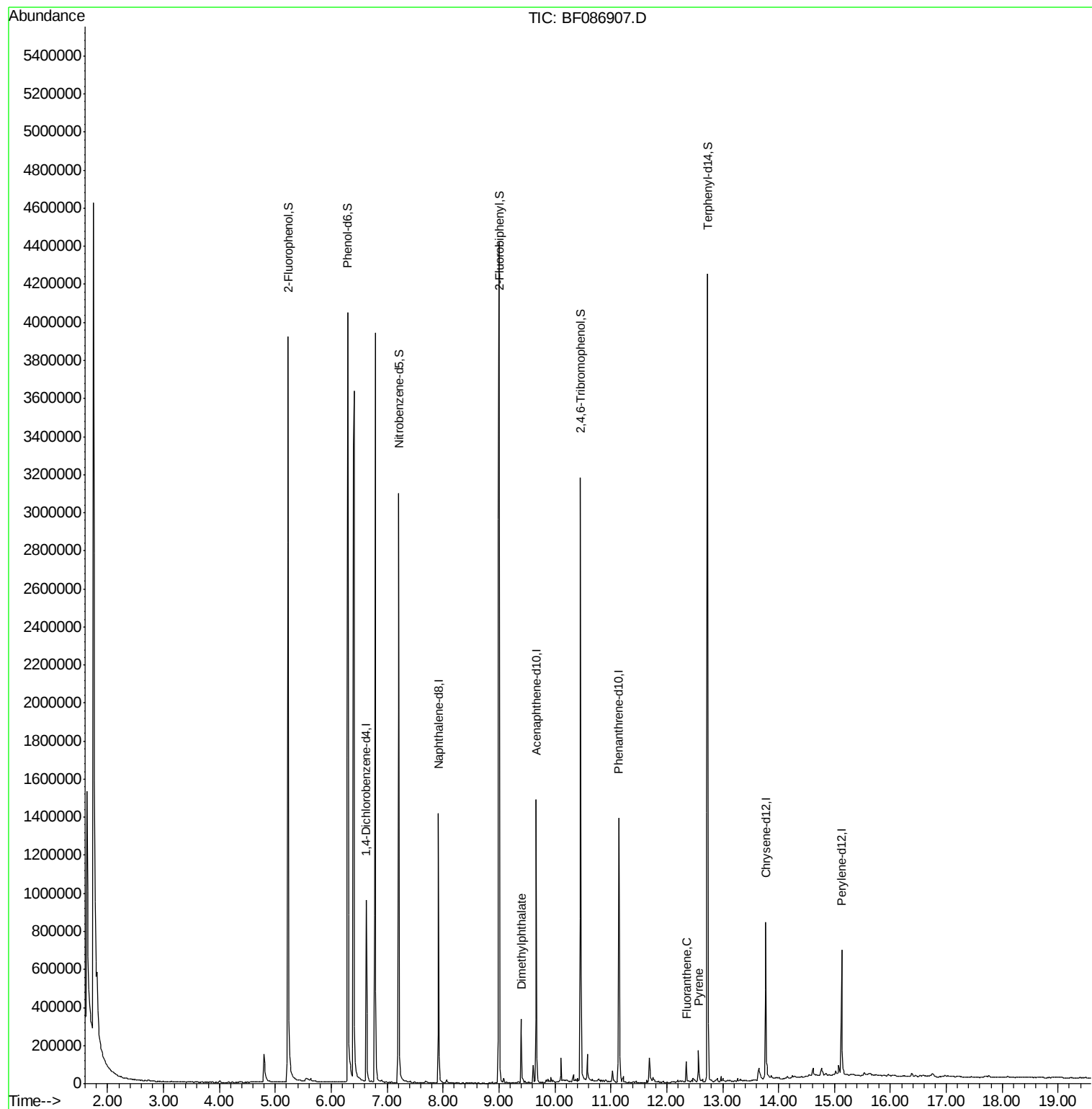
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	138568	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	590205	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	270435	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	466904	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	301651	20.00	ng	-0.01
86) Perylene-d12	15.13	264	272335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1290062	157.67	ng	0.01
7) Phenol-d6	6.30	99	1500049	137.17	ng	-0.01
23) Nitrobenzene-d5	7.21	82	1191519	101.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	363076	126.82	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1696744	105.45	ng	0.00
78) Terphenyl-d14	12.73	244	1265996	89.05	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.40	163	177350	8.60	ng	98
74) Fluoranthene	12.35	202	64308	2.51	ng	91
77) Pyrene	12.57	202	63804	2.76	ng	98

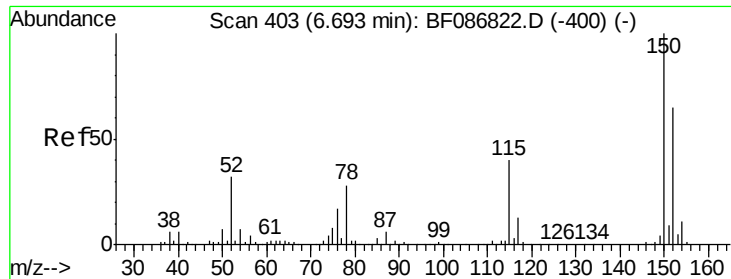
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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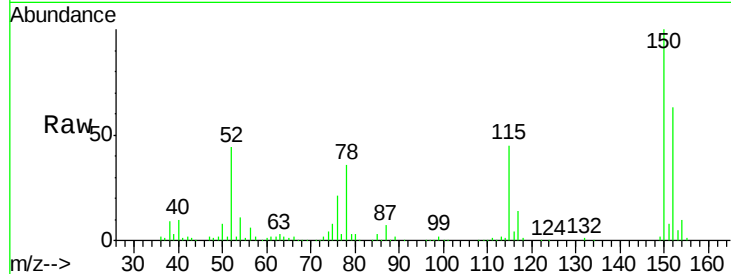




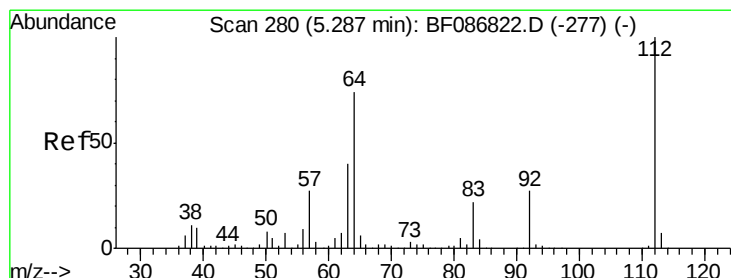
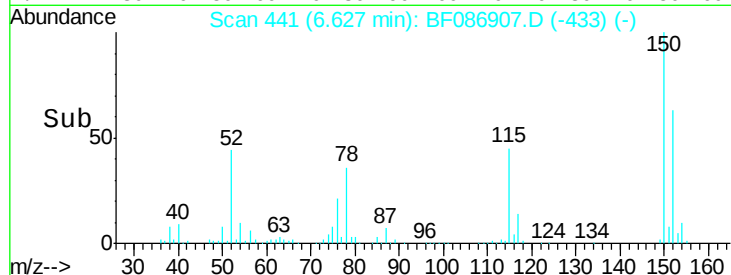
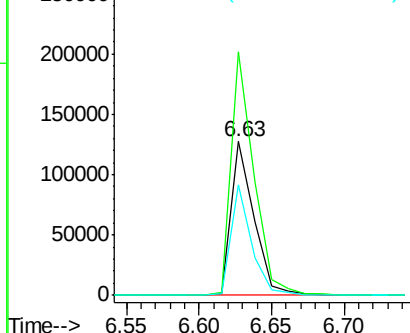
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BF086907.D
 Acq: 12 May 2016 00:29

Instrument :
 BNA_F
 ClientSampleId :
 E-19(11.5-12)

Tgt Ion:152 Resp: 138568
 Ion Ratio Lower Upper
 152 100
 150 158.6 125.8 188.6
 115 71.9 51.5 77.3

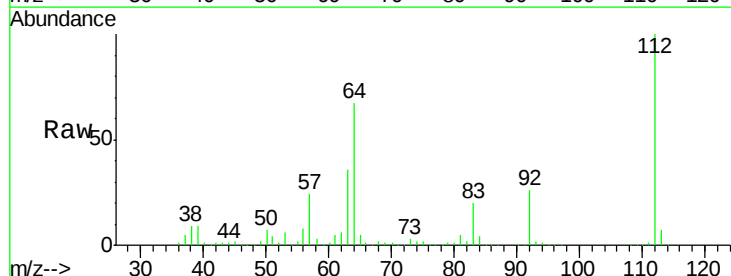


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

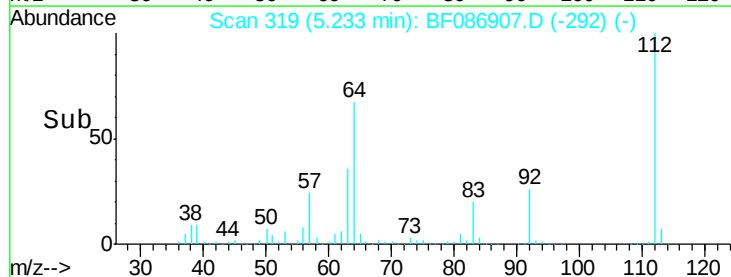
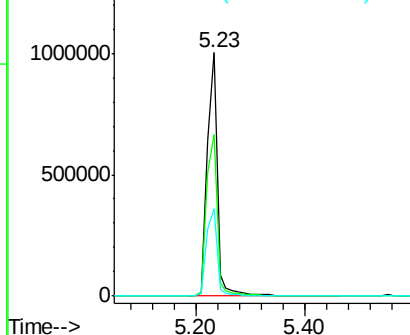


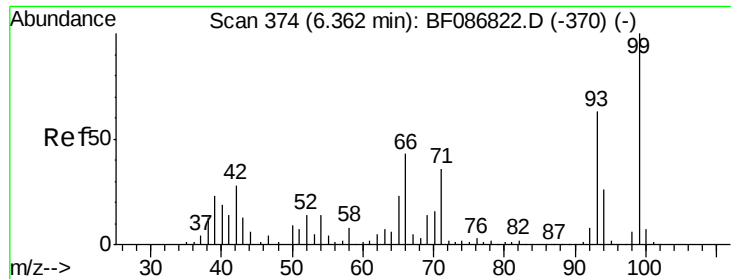
#5
 2-Fluorophenol
 Concen: 157.67 ng
 RT: 5.23 min Scan# 319
 Delta R.T. 0.01 min
 Lab File: BF086907.D
 Acq: 12 May 2016 00:29

Tgt Ion:112 Resp: 1290062
 Ion Ratio Lower Upper
 112 100
 64 66.6 52.1 78.1
 63 36.0 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.17 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF086907.D

Acq: 12 May 2016 00:29

Instrument :

BNA_F

ClientSampleId :

E-19(11.5-12)

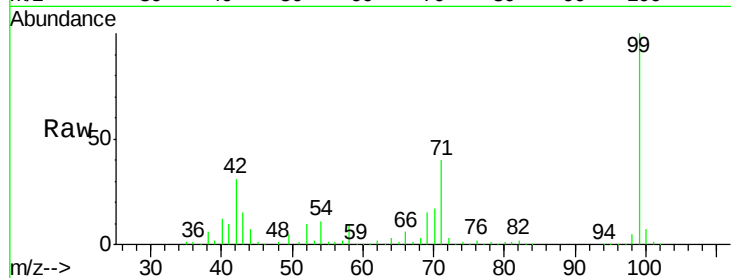
Tgt Ion: 99 Resp: 1500049

Ion Ratio Lower Upper

99 100

42 30.7 13.6 20.4#

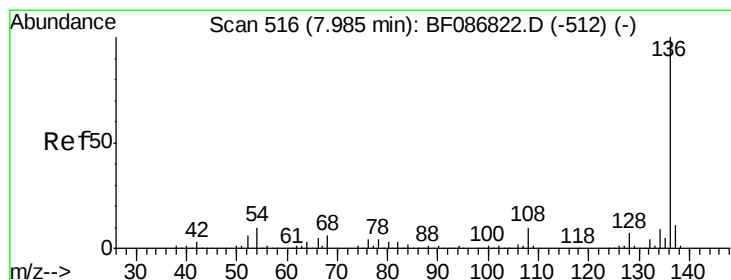
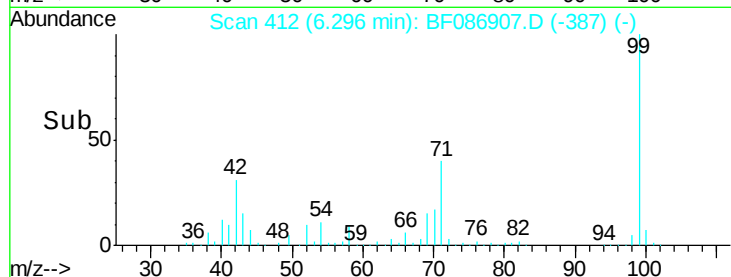
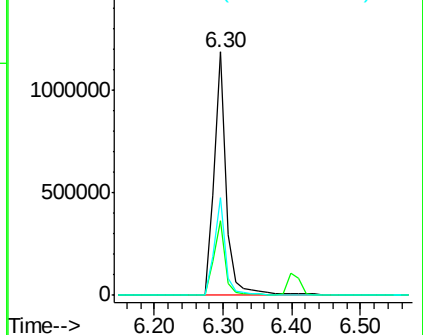
71 40.1 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF086907.D

Acq: 12 May 2016 00:29

Tgt Ion: 136 Resp: 590205

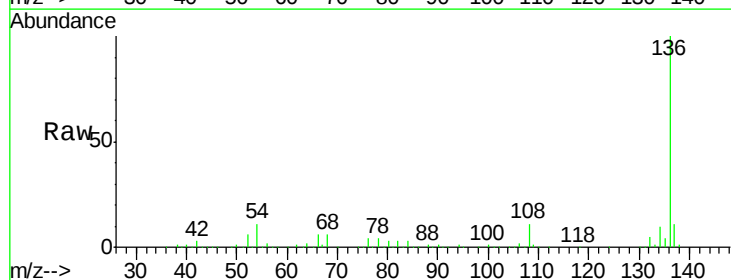
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 11.0 5.0 7.4#

68 6.3 4.4 6.6

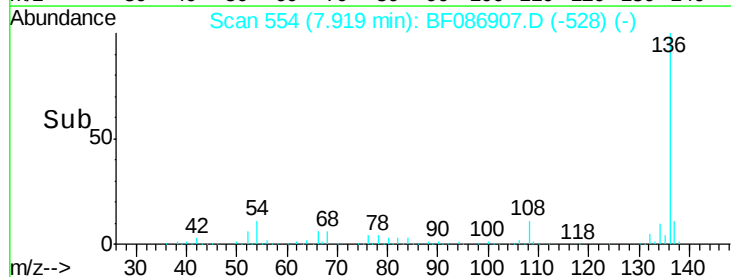
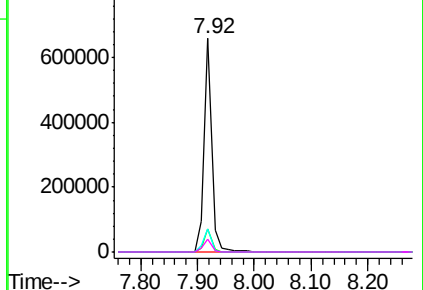


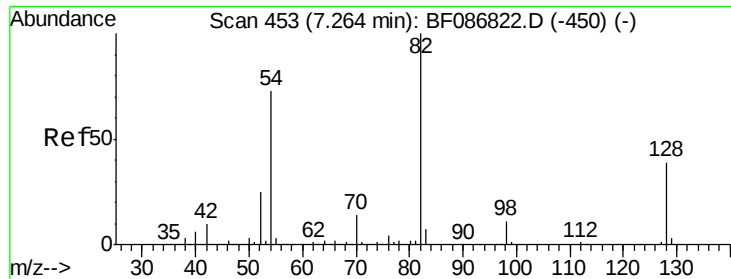
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

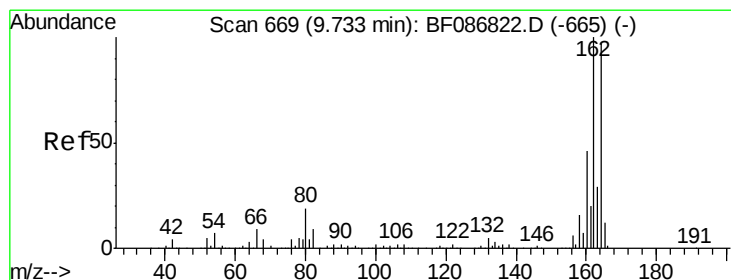
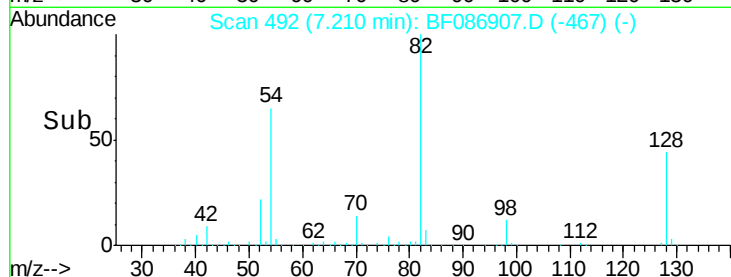
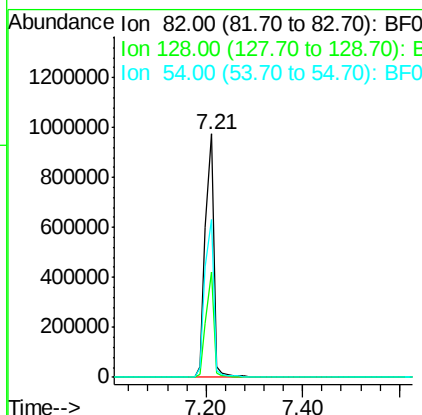
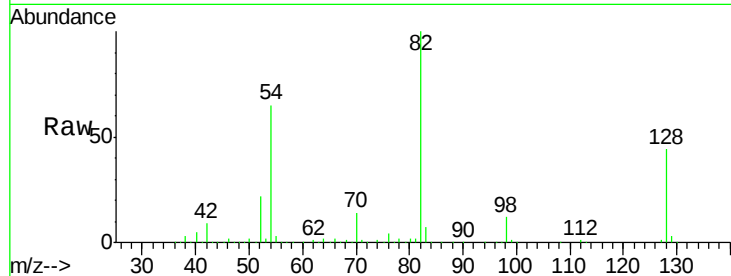




#23
 Nitrobenzene-d5
 Concen: 101.37 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF086907.D
 Acq: 12 May 2016 00:29

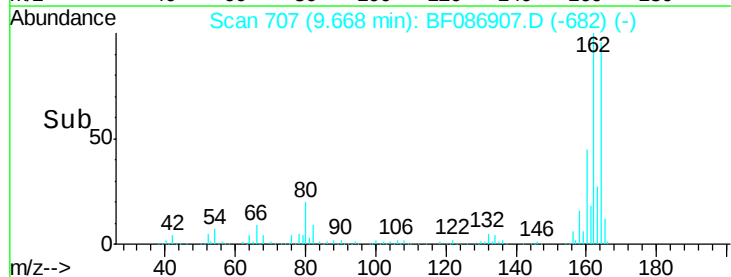
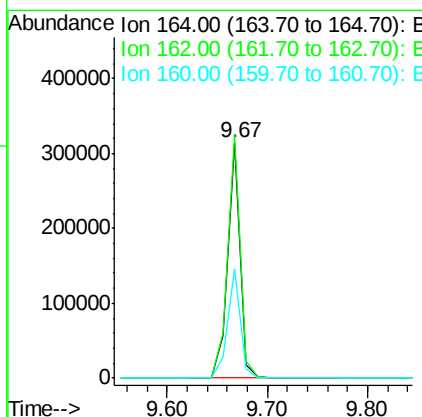
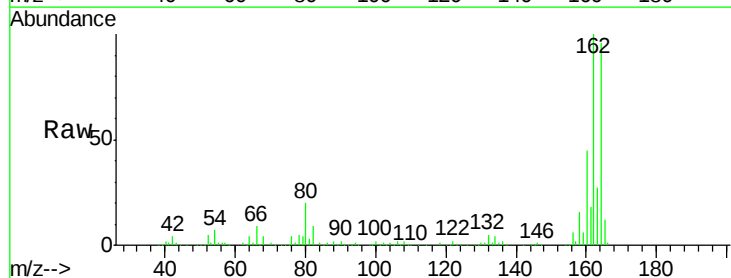
Instrument :
 BNA_F
 ClientSampleId :
 E-19(11.5-12)

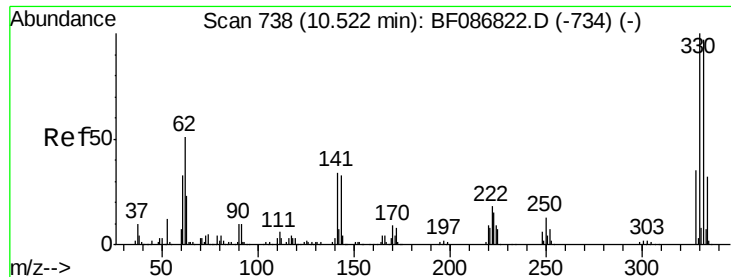
Tgt Ion: 82 Resp: 1191519
 Ion Ratio Lower Upper
 82 100
 128 43.5 40.6 61.0
 54 64.8 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF086907.D
 Acq: 12 May 2016 00:29

Tgt Ion: 164 Resp: 270435
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.8 124.2
 160 46.6 36.9 55.3

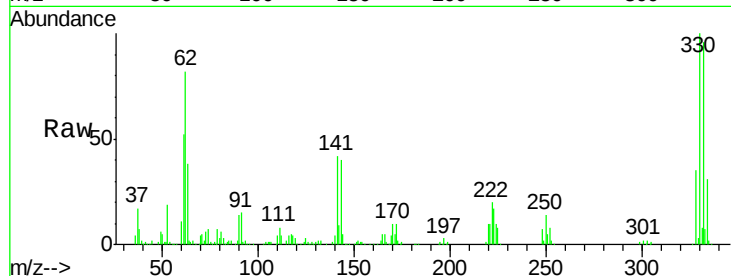




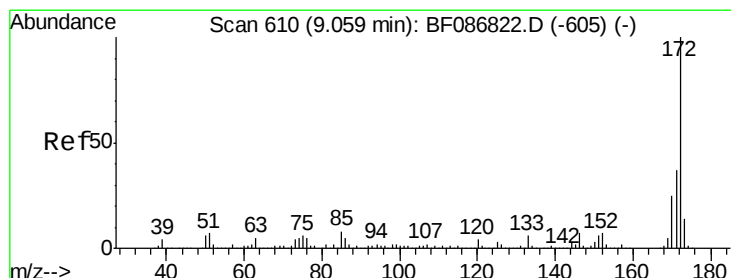
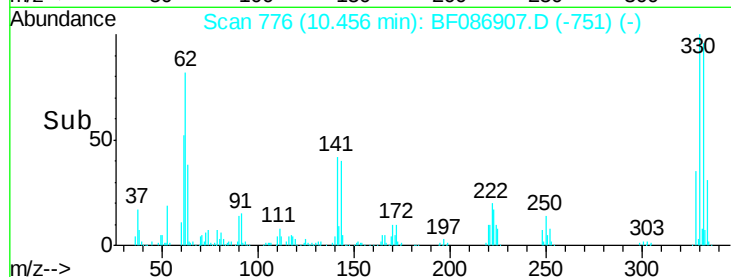
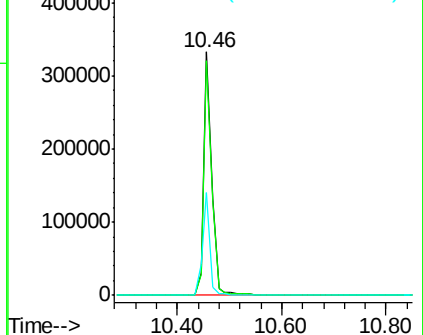
#41
 2,4,6-Tribromophenol
 Concen: 126.82 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF086907.D
 Acq: 12 May 2016 00:29

Instrument :
 BNA_F
 ClientSampleId :
 E-19(11.5-12)

Tgt Ion:330 Resp: 363076
 Ion Ratio Lower Upper
 330 100
 332 96.3 79.0 118.4
 141 38.1 31.2 46.8

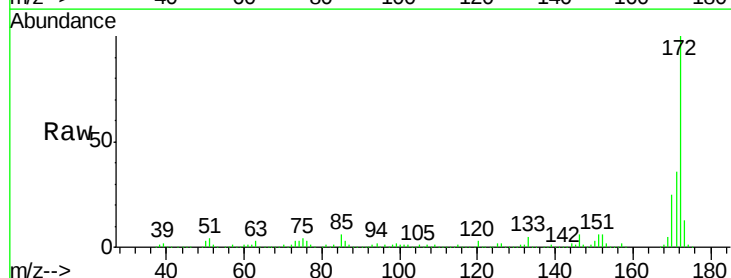


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

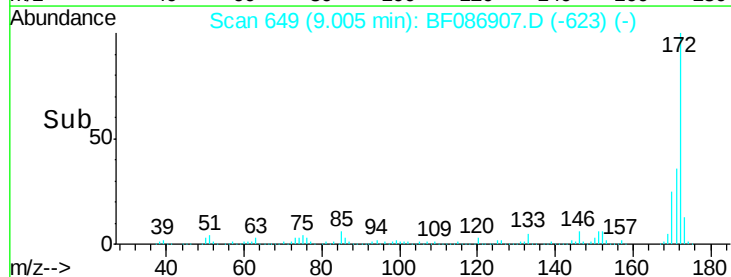
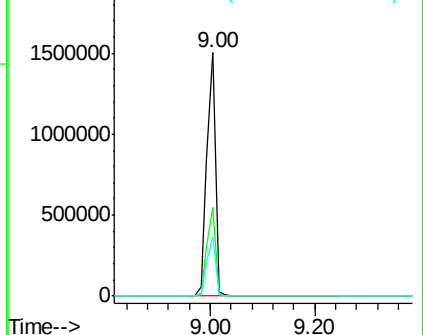


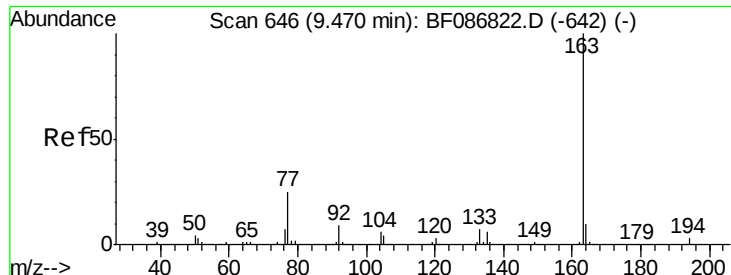
#44
 2-Fluorobiphenyl
 Concen: 105.45 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF086907.D
 Acq: 12 May 2016 00:29

Tgt Ion:172 Resp: 1696744
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.5 19.8 29.8



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: 8.60 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF086907.D

Acq: 12 May 2016 00:29

Instrument :

BNA_F

ClientSampleId :

E-19(11.5-12)

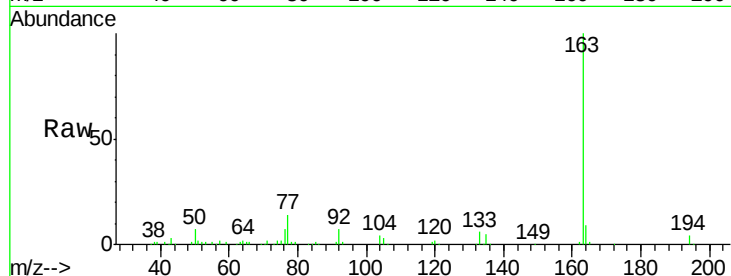
Tgt Ion:163 Resp: 177350

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

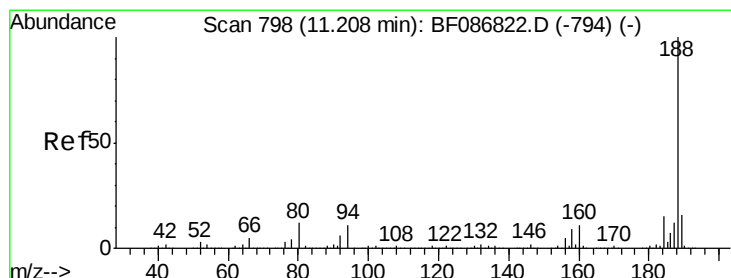
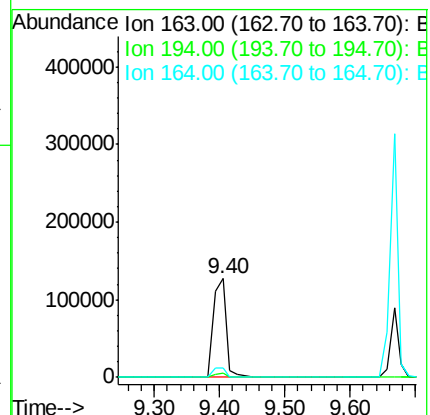
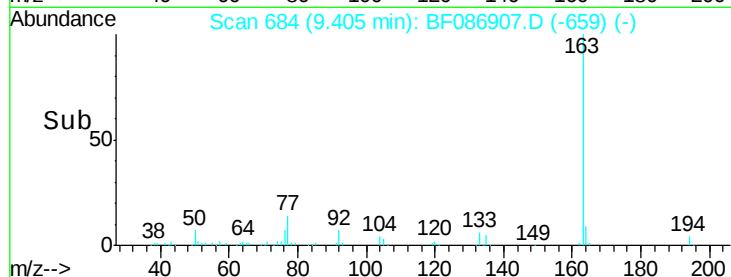
164 9.4 8.2 12.4



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: 20.00 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF086907.D

Acq: 12 May 2016 00:29

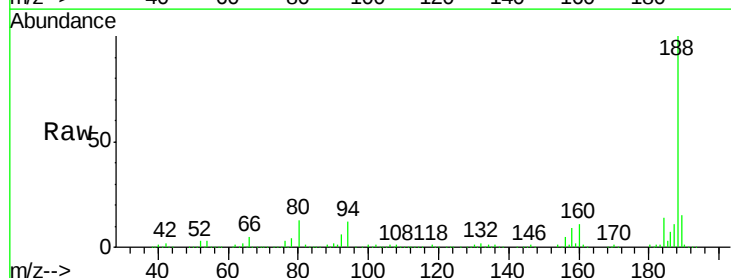
Tgt Ion:188 Resp: 466904

Ion Ratio Lower Upper

188 100

94 11.6 6.8 10.2#

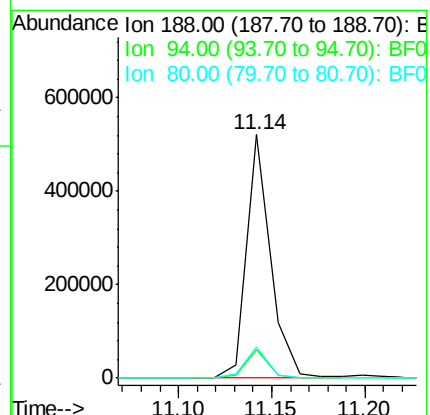
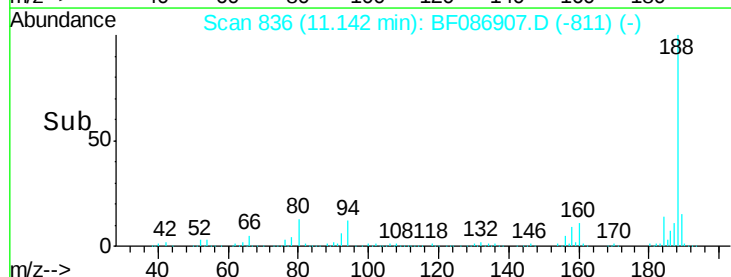
80 13.0 7.1 10.7#

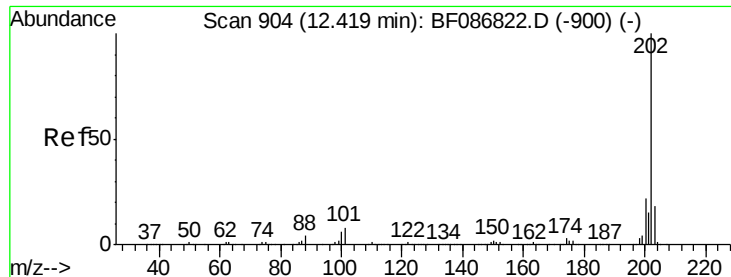


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

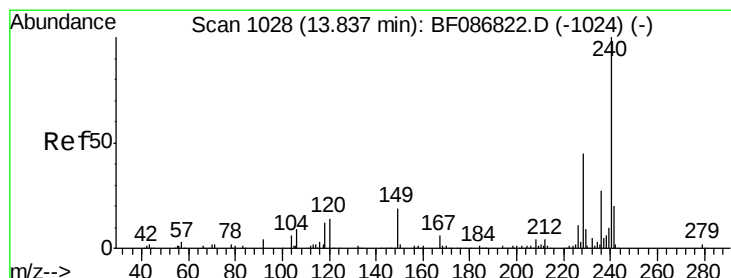
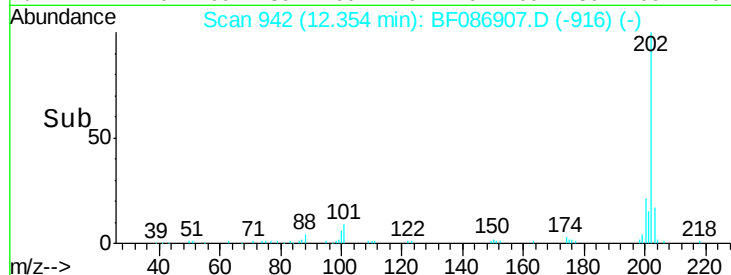
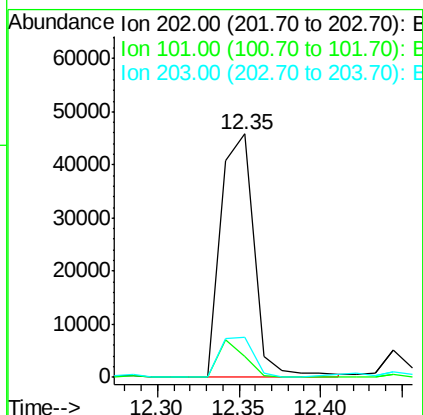
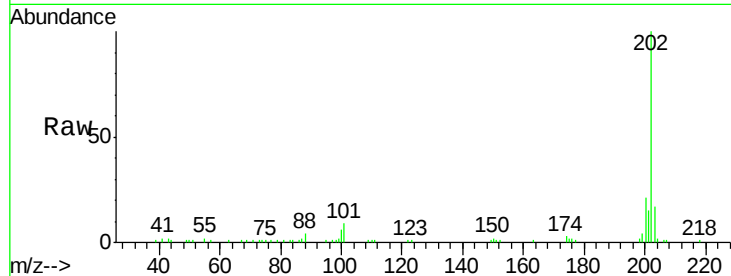




#74
Fluoranthene
Concen: 2.51 ng
RT: 12.35 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF086907.D
Acq: 12 May 2016 00:29

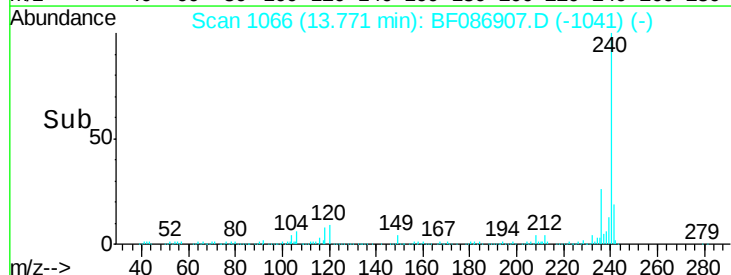
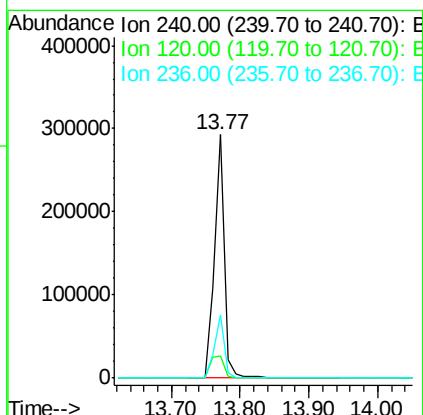
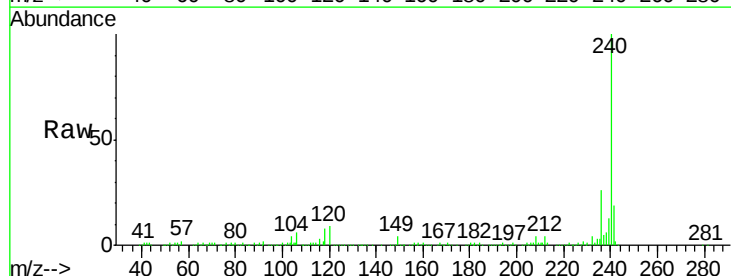
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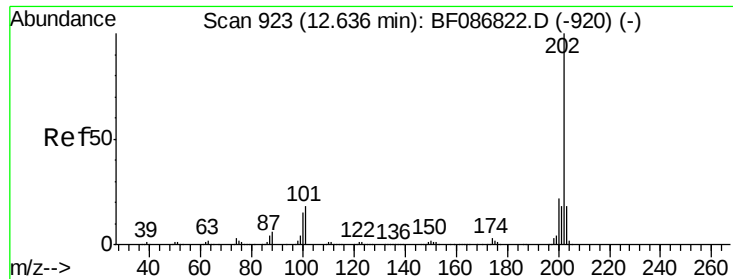
Tgt Ion: 202 Resp: 64308
Ion Ratio Lower Upper
202 100
101 8.5 0.0 35.4
203 16.6 0.0 38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BF086907.D
Acq: 12 May 2016 00:29

Tgt Ion: 240 Resp: 301651
Ion Ratio Lower Upper
240 100
120 9.3 11.2 16.8#
236 26.0 21.2 31.8





#77

Pyrene

Concen: 2.76 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF086907.D

Acq: 12 May 2016 00:29

Instrument :

BNA_F

ClientSampleId :

E-19(11.5-12)

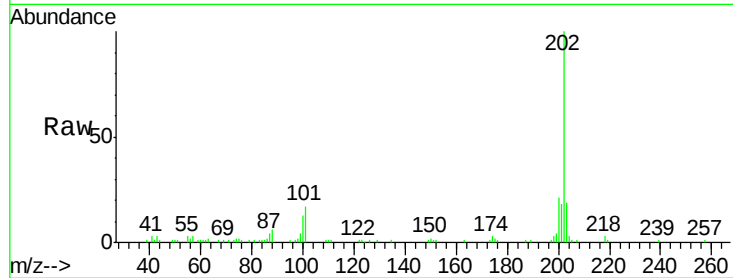
Tgt Ion:202 Resp: 63804

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

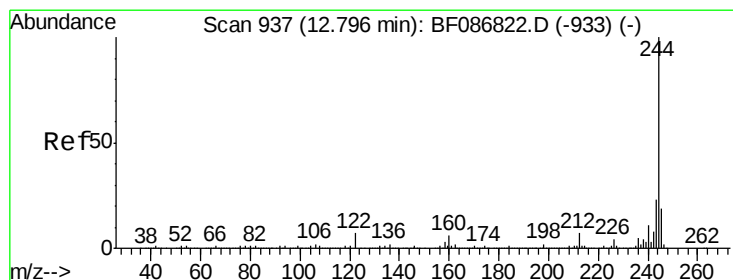
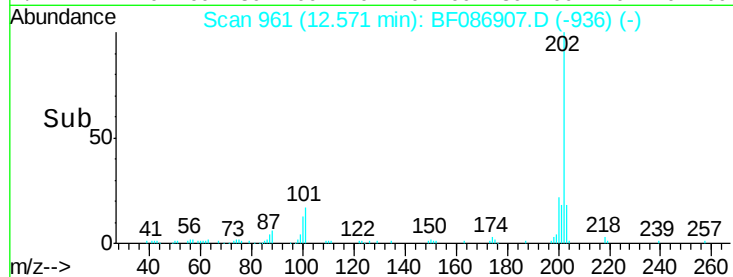
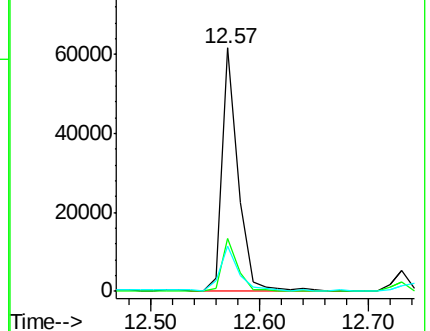
203 18.8 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.05 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF086907.D

Acq: 12 May 2016 00:29

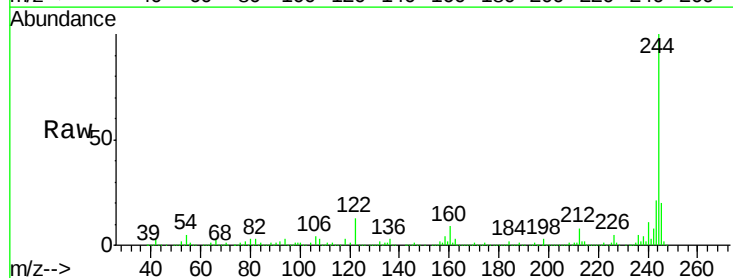
Tgt Ion:244 Resp: 1265996

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

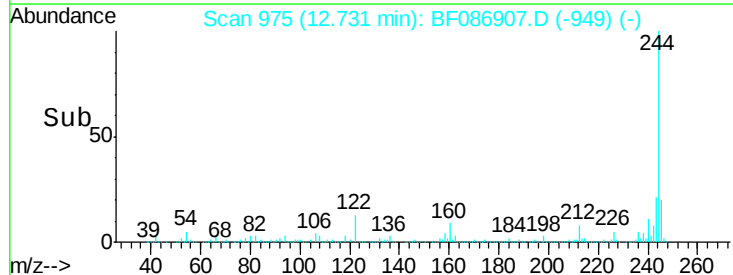
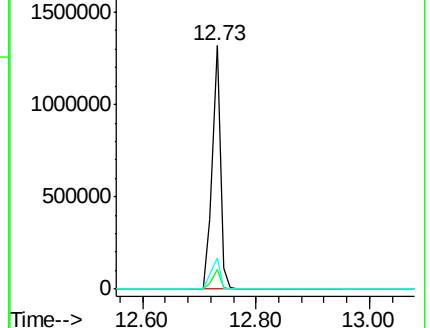
122 12.9 12.0 18.0

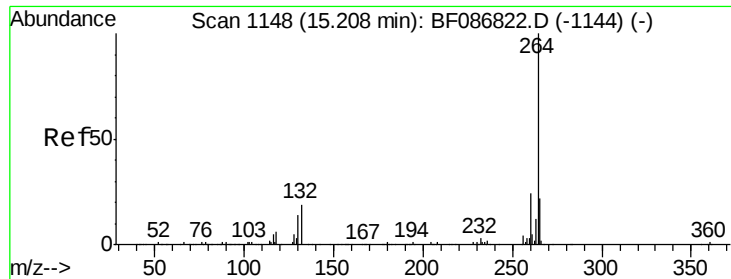


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF086907.D
Acq: 12 May 2016 00:29

Instrument :
BNA_F
ClientSampleId :
E-19(11.5-12)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.5	17.3	25.9

