

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052416\
 Data File : BF087346.D
 Acq On : 24 May 2016 19:45
 Operator : UM/SJ
 Sample : PB90822TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90822TB

Quant Time: May 25 00:59:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	113480	20.00	ng	-0.06
21) Naphthalene-d8	9.59	136	462169	20.00	ng	-0.06
38) Acenaphthene-d10	12.41	164	225970	20.00	ng	-0.07
63) Phenanthrene-d10	14.82	188	446558	20.00	ng	-0.06
75) Chrysene-d12	18.51	240	378961	20.00	ng	-0.05
86) Perylene-d12	20.18	264	262297	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	919180	142.33	ng	-0.05
7) Phenol-d6	7.10	99	1137562	130.36	ng	-0.07
23) Nitrobenzene-d5	8.47	82	782041	85.28	ng	-0.07
41) 2,4,6-Tribromophenol	13.71	330	273171	125.80	ng	-0.07
44) 2-Fluorobiphenyl	11.37	172	1369002	85.41	ng	-0.06
78) Terphenyl-d14	17.17	244	1425481	79.97	ng	-0.06

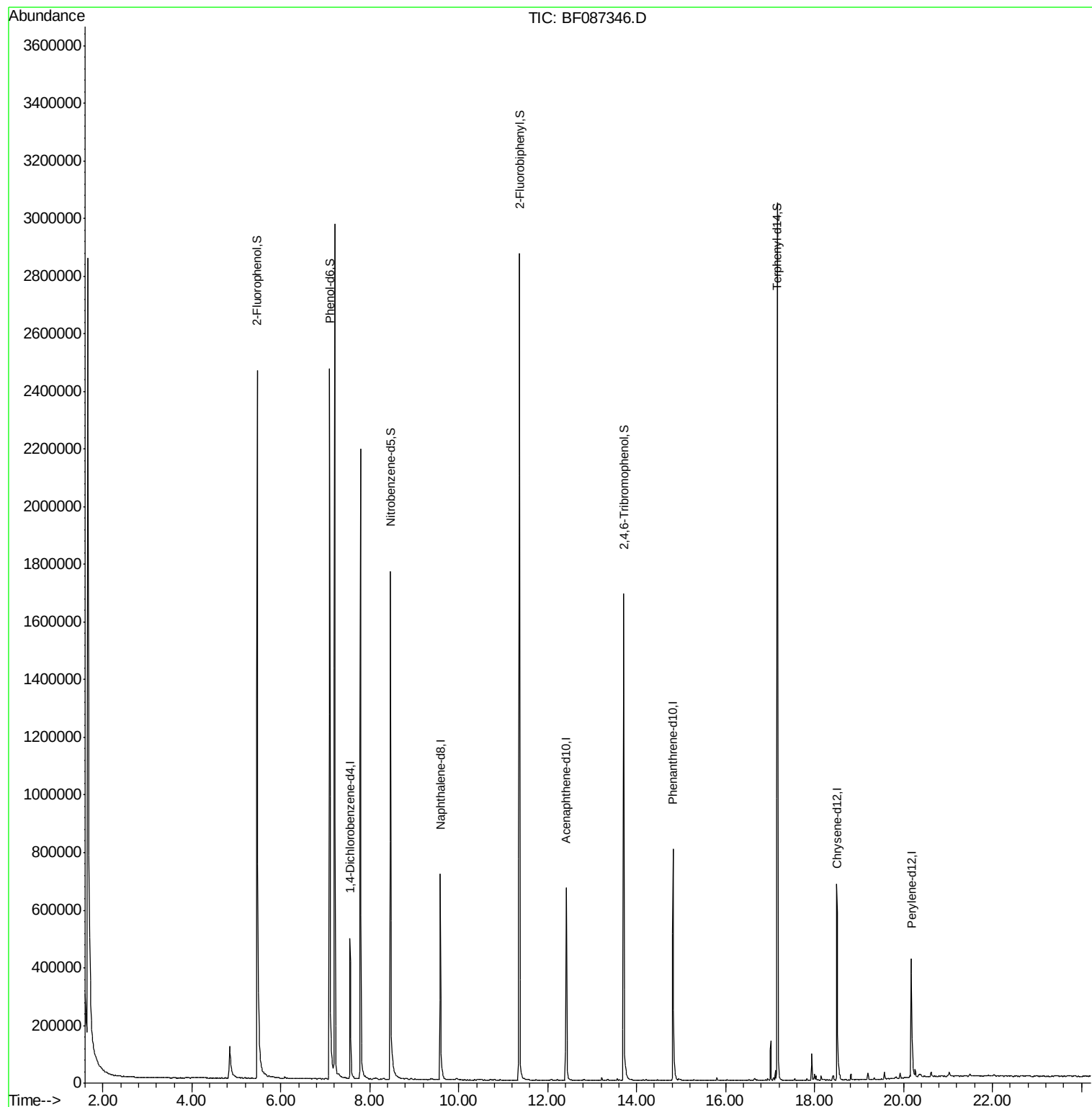
Target Compounds Qvalue

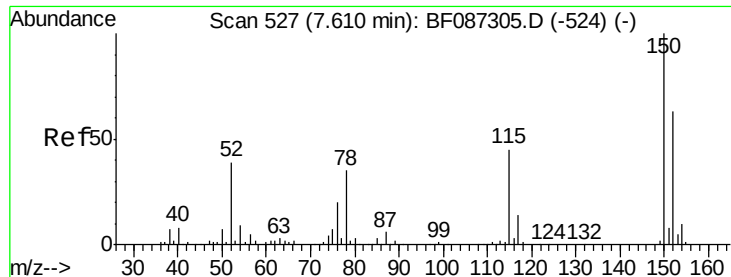
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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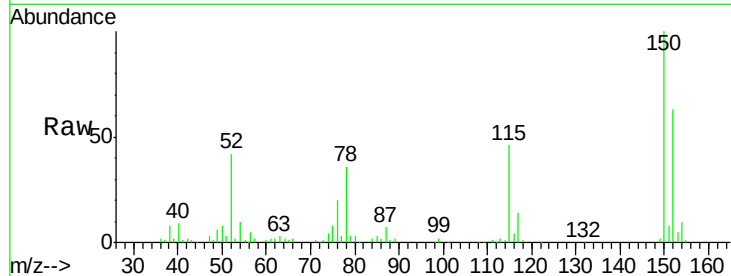


#1

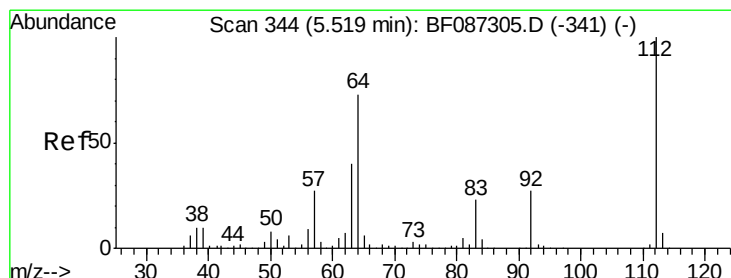
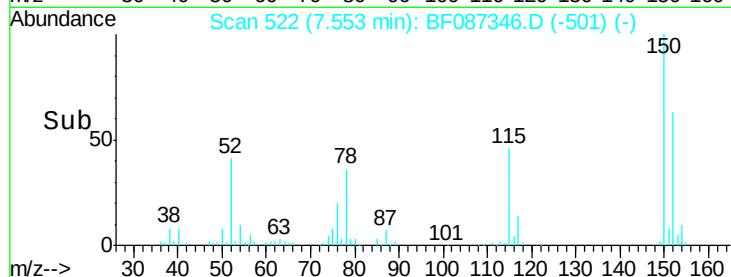
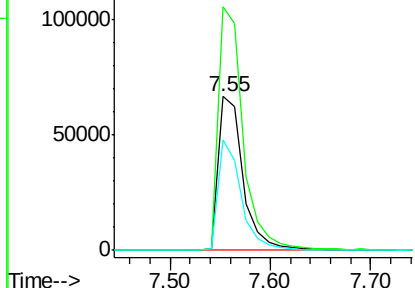
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 522
Delta R.T. -0.06 min
Lab File: BF087346.D
Acq: 24 May 2016 19:45

Instrument :
BNA_F
ClientSampleId :
PB90822TB

Tot Ion:152 Resp: 113480
Ion Ratio Lower Upper
152 100
150 158.6 125.8 188.6
115 72.3 51.5 77.3



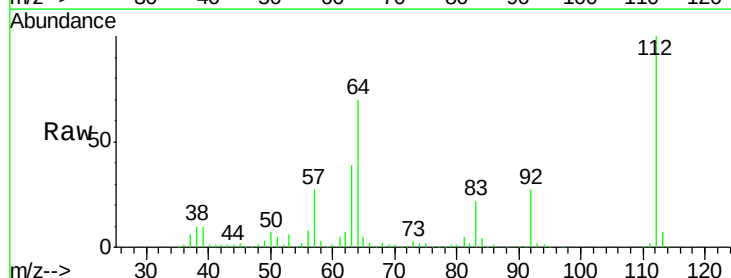
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



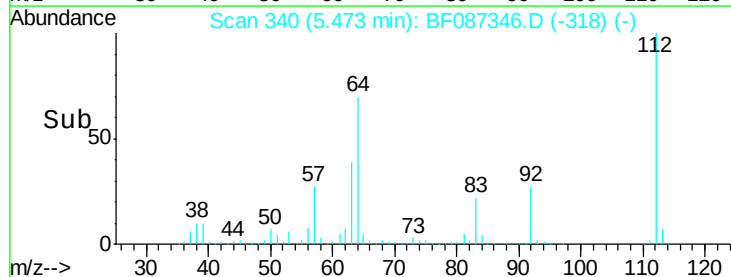
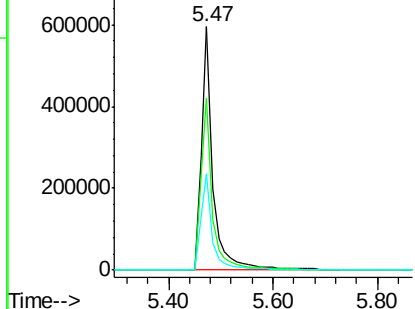
#5

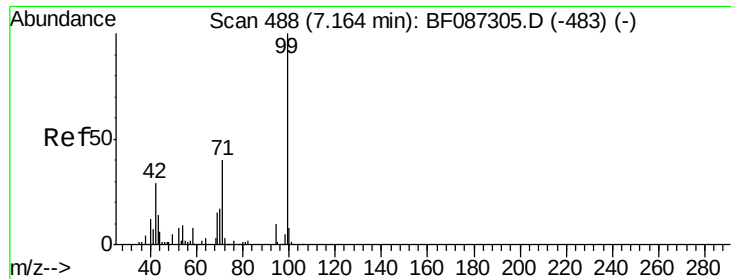
2-Fluorophenol
Concen: 142.33 ng
RT: 5.47 min Scan# 340
Delta R.T. -0.05 min
Lab File: BF087346.D
Acq: 24 May 2016 19:45

Tgt Ion:112 Resp: 919180
Ion Ratio Lower Upper
112 100
64 70.5 52.1 78.1
63 39.5 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: 130.36 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.07 min

Lab File: BF087346.D

Acq: 24 May 2016 19:45

Instrument :

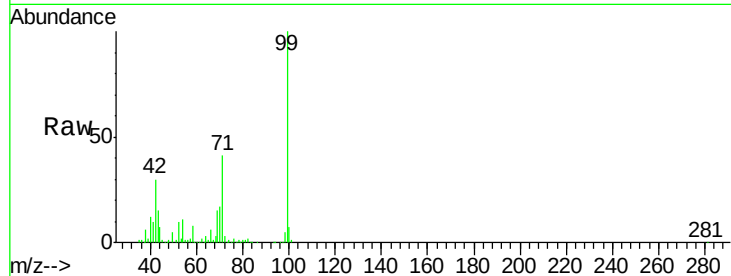
BNA_F

ClientSampleId :

PB90822TB

Tot Ion: 99 Resp: 1137562

Ion	Ratio	Lower	Upper
99	100		
42	30.1	13.6	20.4#
71	40.7	24.6	36.8#

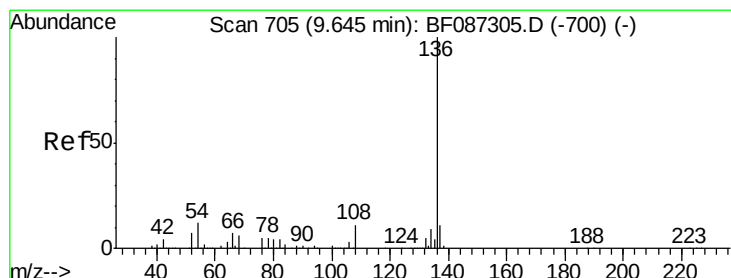
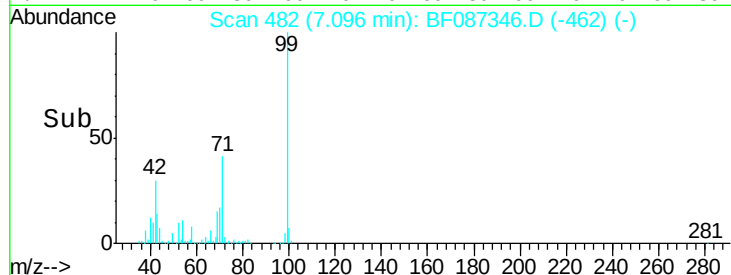
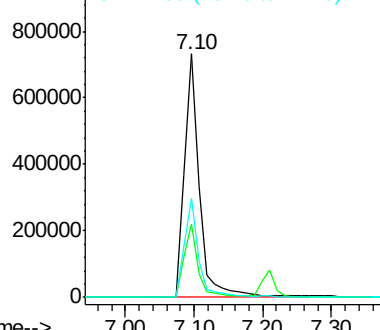


Abundance

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: 9.59 min Scan# 700

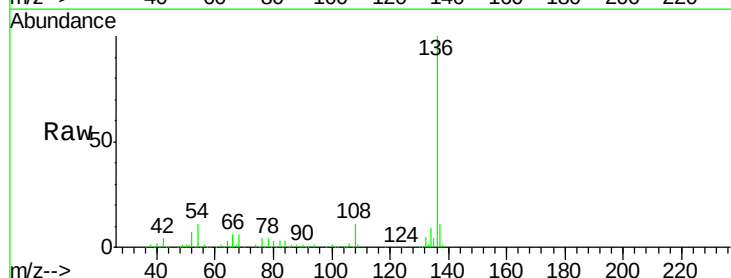
Delta R.T. -0.06 min

Lab File: BF087346.D

Acq: 24 May 2016 19:45

Tgt Ion: 136 Resp: 462169

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	11.1	5.0	7.4#
68	5.7	4.4	6.6



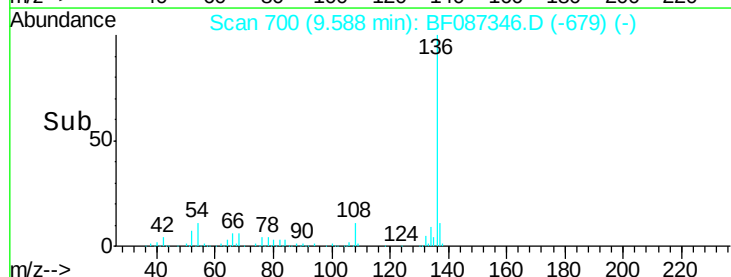
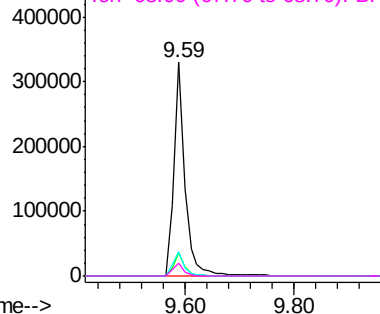
Abundance

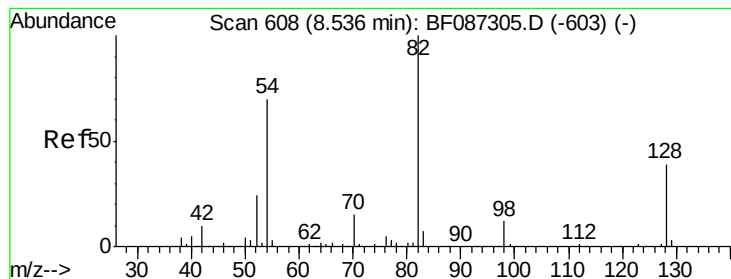
Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 85.28 ng

RT: 8.47 min Scan# 602

Delta R.T. -0.07 min

Lab File: BF087346.D

Acq: 24 May 2016 19:45

Instrument :

BNA_F

ClientSampleID :

PB90822TB

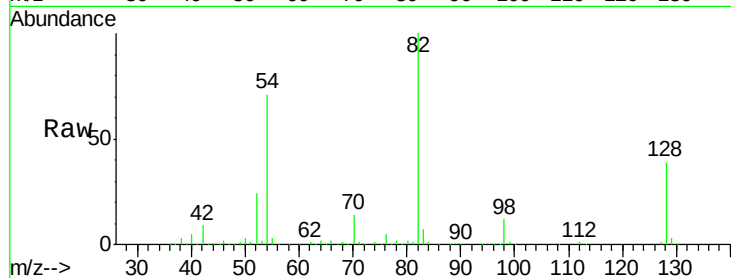
Tot Ion: 82 Resp: 782041

Ion Ratio Lower Upper

82 100

128 38.6 40.6 61.0#

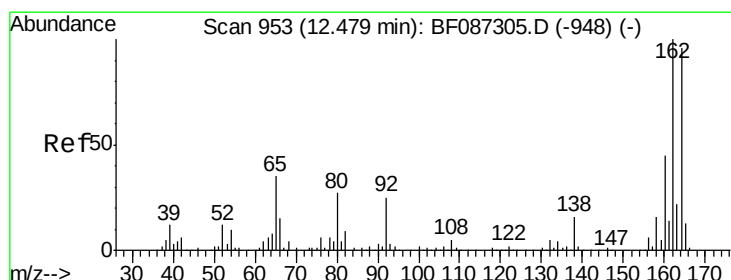
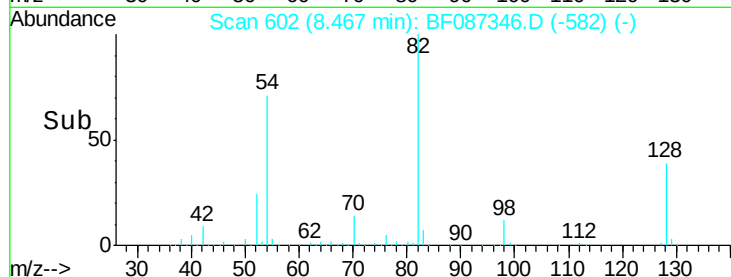
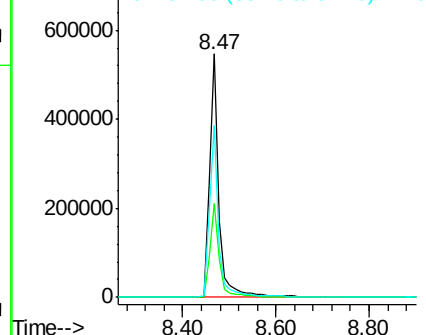
54 70.5 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.07 min

Lab File: BF087346.D

Acq: 24 May 2016 19:45

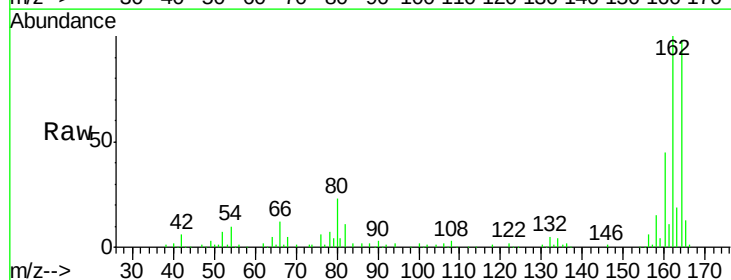
Tgt Ion: 164 Resp: 225970

Ion Ratio Lower Upper

164 100

162 101.7 82.8 124.2

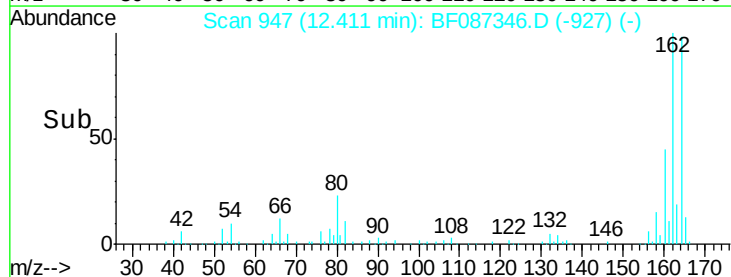
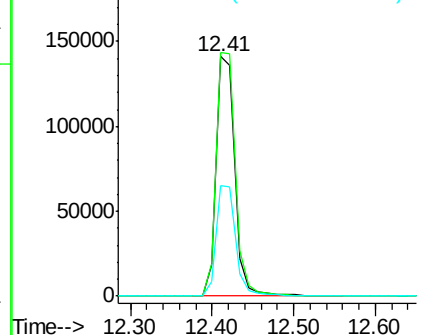
160 46.0 36.9 55.3

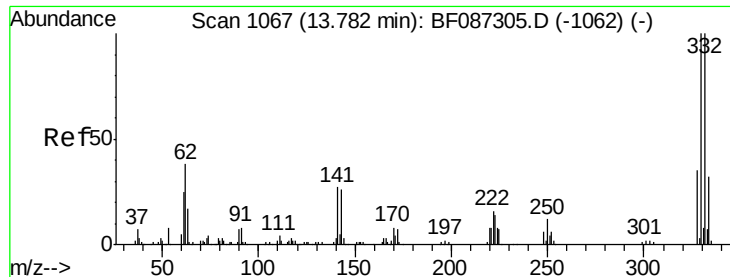


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

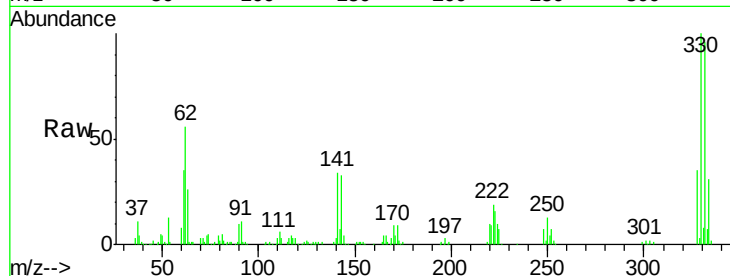




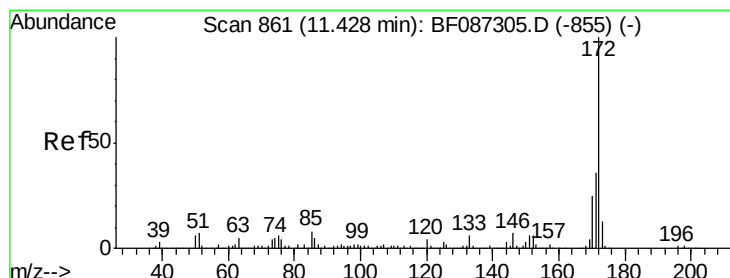
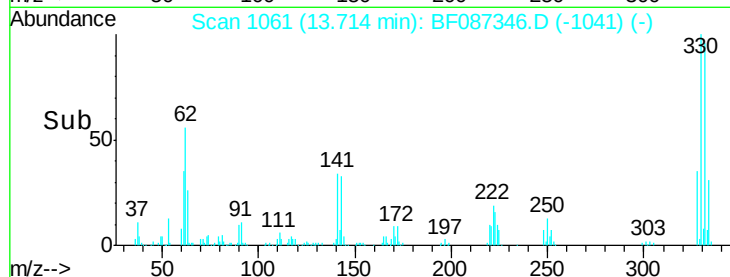
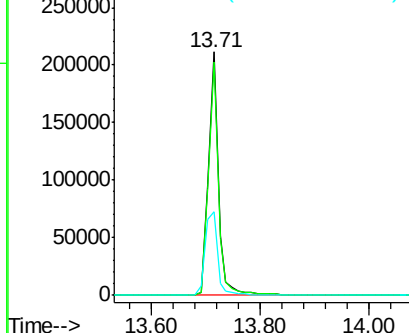
#41
 2,4,6-Tribromophenol
 Concen: 125.80 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.07 min
 Lab File: BF087346.D
 Acq: 24 May 2016 19:45

Instrument :
 BNA_F
 ClientSampled :
 PB90822TB

Tot Ion:330 Resp: 273171
 Ion Ratio Lower Upper
 330 100
 332 95.9 79.0 118.4
 141 42.8 31.2 46.8

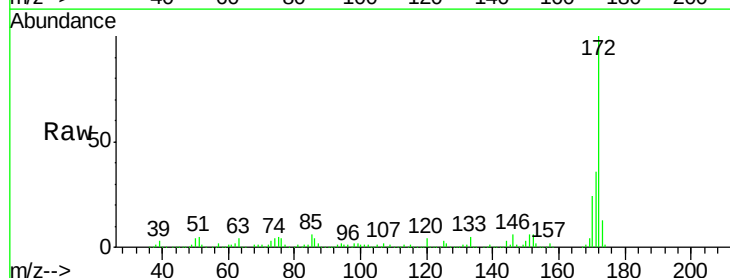


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

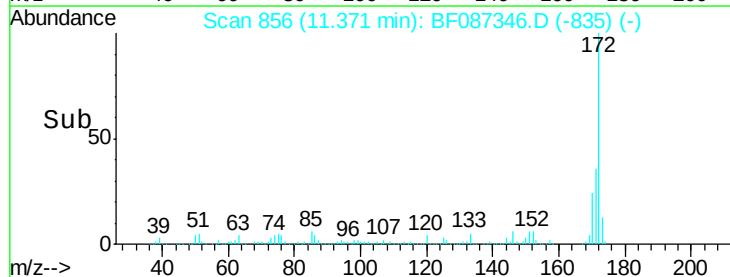
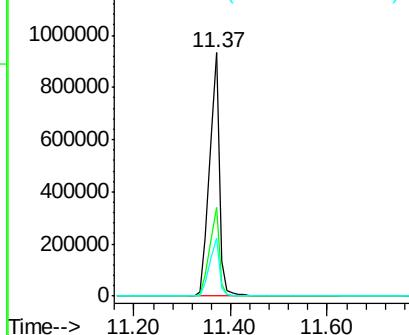


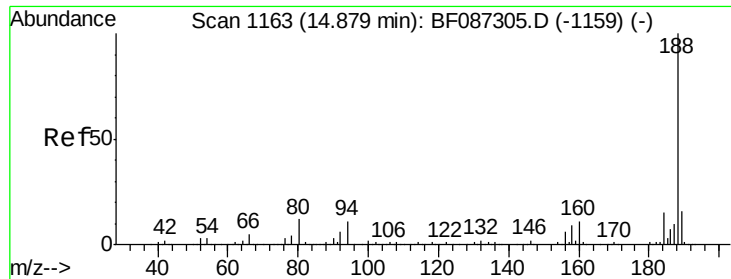
#44
 2-Fluorobiphenyl
 Concen: 85.41 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.06 min
 Lab File: BF087346.D
 Acq: 24 May 2016 19:45

Tgt Ion:172 Resp: 1369002
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 23.8 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

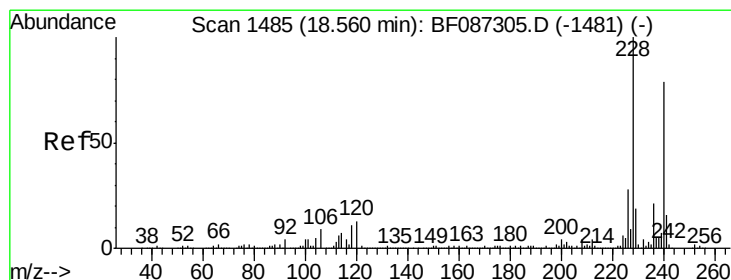
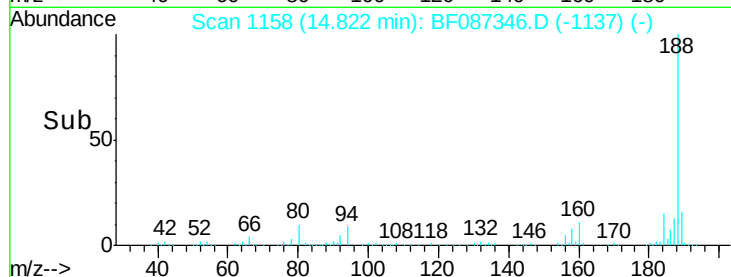
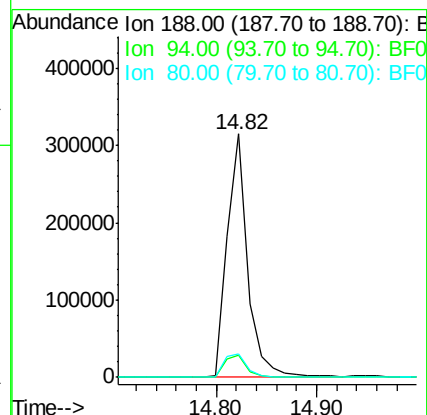
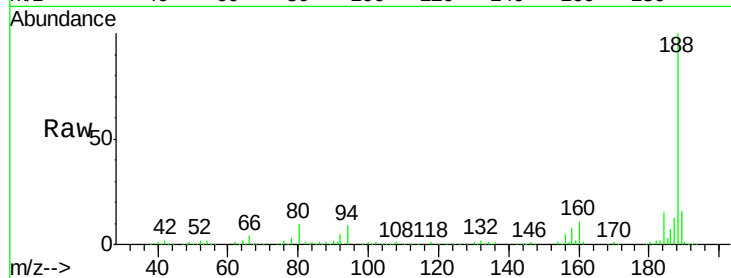




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.06 min
Lab File: BF087346.D
Acq: 24 May 2016 19:45

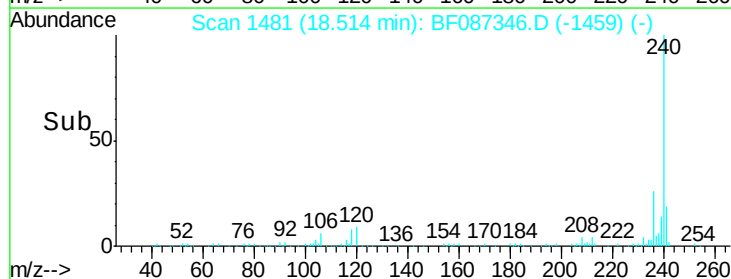
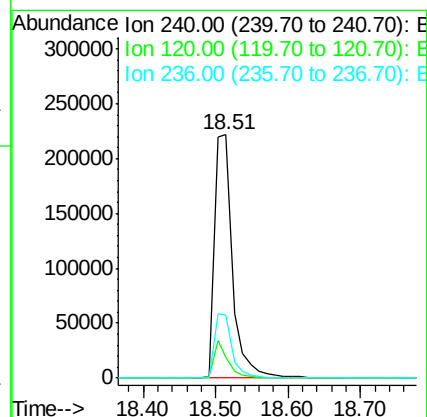
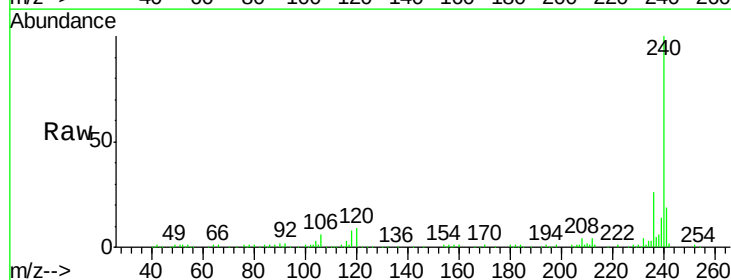
Instrument :
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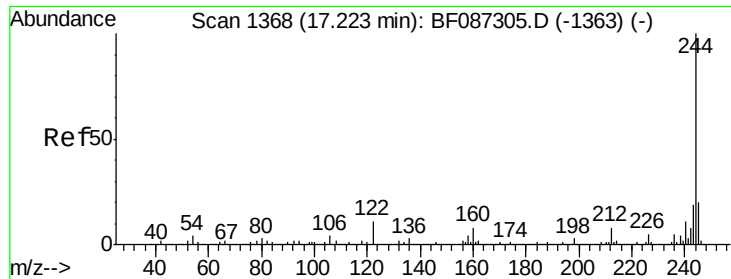
Tot Ion:188 Resp: 446558
Ion Ratio Lower Upper
188 100
94 9.0 6.8 10.2
80 9.8 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.51 min Scan# 1481
Delta R.T. -0.05 min
Lab File: BF087346.D
Acq: 24 May 2016 19:45

Tgt Ion:240 Resp: 378961
Ion Ratio Lower Upper
240 100
120 8.8 11.2 16.8#
236 25.8 21.2 31.8





#78

Terphenyl-d14

Concen: 79.97 ng

RT: 17.17 min Scan# 1363

Delta R.T. -0.06 min

Lab File: BF087346.D

Acq: 24 May 2016 19:45

Instrument :

BNA_F

ClientSampleId :

PB90822TB

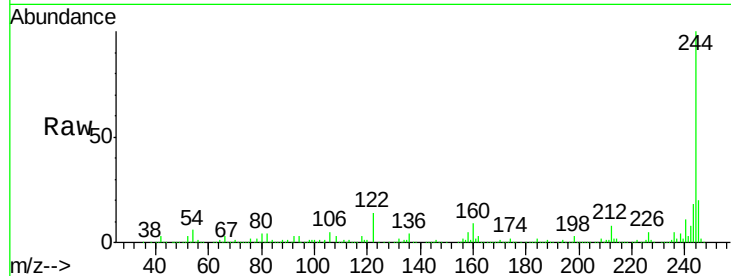
Tot Ion:244 Resp: 1425481

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

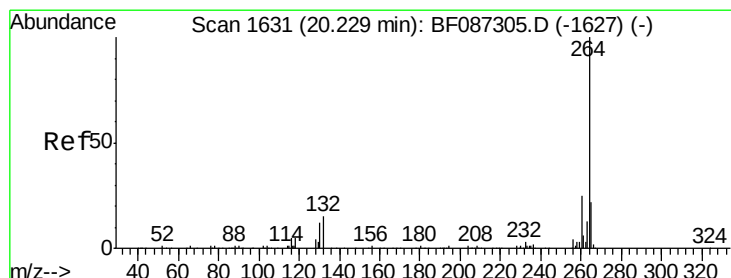
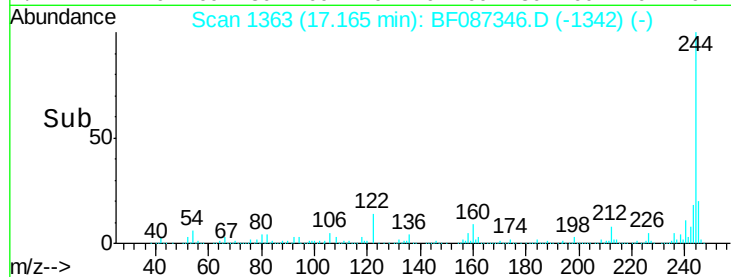
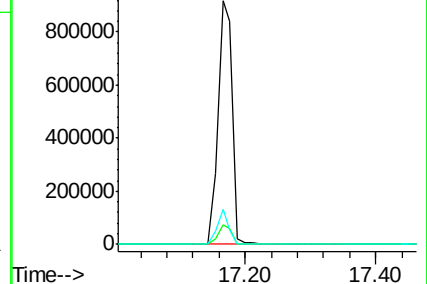
122 14.4 12.0 18.0



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: 20.18 min Scan# 1627

Delta R.T. -0.05 min

Lab File: BF087346.D

Acq: 24 May 2016 19:45

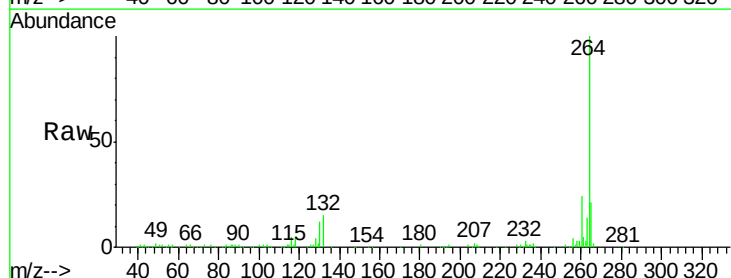
Tgt Ion:264 Resp: 262297

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.3 17.3 25.9



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

