

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
 Data File : BF087420.D
 Acq On : 26 May 2016 21:51
 Operator : UM/SJ
 Sample : PB90866TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90866TB

Quant Time: May 27 02:22:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	101179	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	418585	20.00	ng	-0.02
38) Acenaphthene-d10	12.36	164	197743	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	403840	20.00	ng	-0.01
75) Chrysene-d12	18.46	240	343728	20.00	ng	-0.02
86) Perylene-d12	20.13	264	247970	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	645260	112.06	ng	0.00
7) Phenol-d6	7.05	99	819906	105.38	ng	-0.02
23) Nitrobenzene-d5	8.41	82	544743	65.59	ng	-0.03
41) 2,4,6-Tribromophenol	13.66	330	192392	101.25	ng	-0.02
44) 2-Fluorobiphenyl	11.31	172	934015	66.59	ng	-0.02
78) Terphenyl-d14	17.12	244	1029029	63.65	ng	-0.01

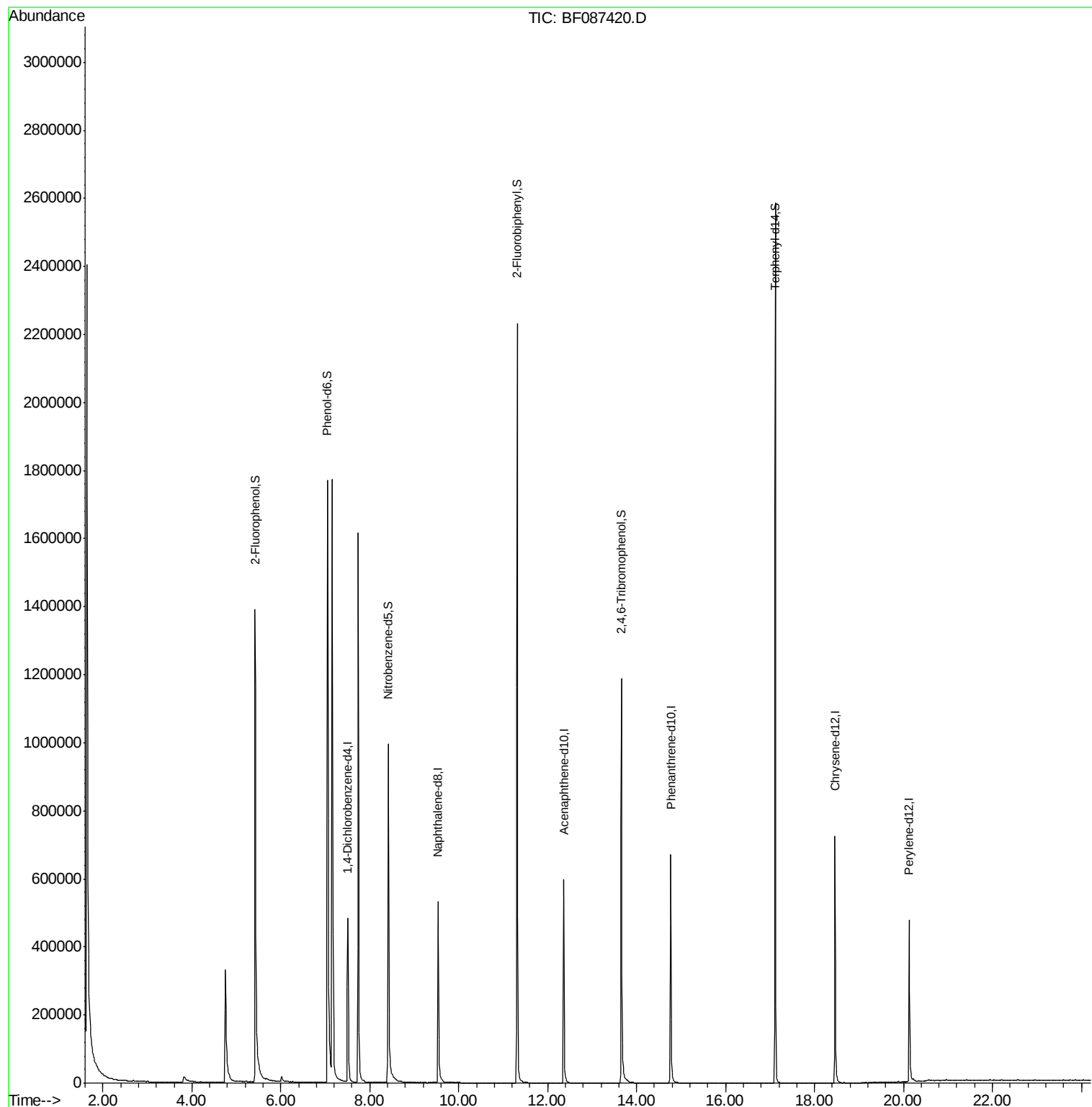
Target Compounds Qvalue

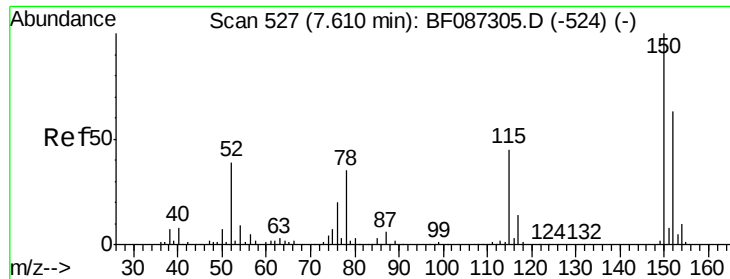
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF087420.D

Acq: 26 May 2016 21:51

Instrument :

BNA_F

ClientSampleId :

PB90866TB

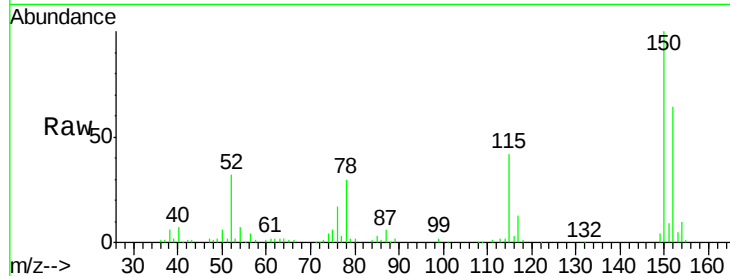
Tot Ion:152 Resp: 101179

Ion Ratio Lower Upper

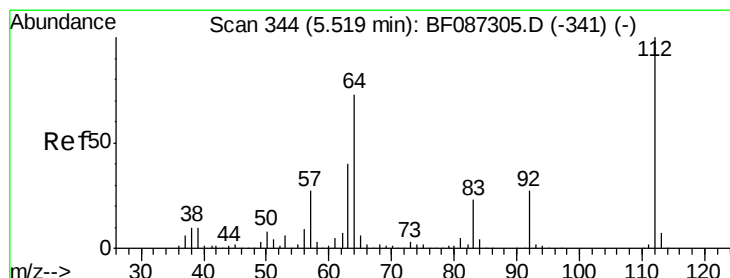
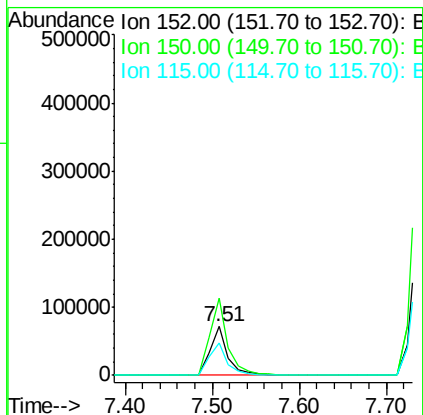
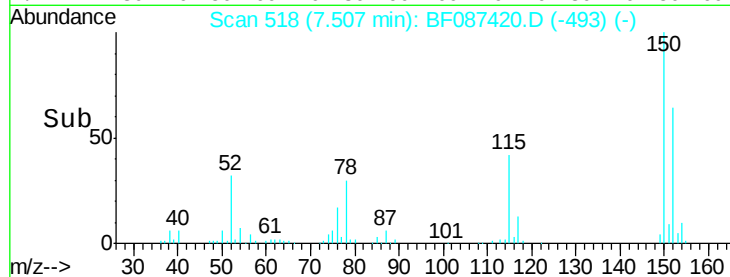
152 100

150 157.4 125.8 188.6

115 66.1 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: 112.06 ng

RT: 5.42 min Scan# 335

Delta R.T. -0.00 min

Lab File: BF087420.D

Acq: 26 May 2016 21:51

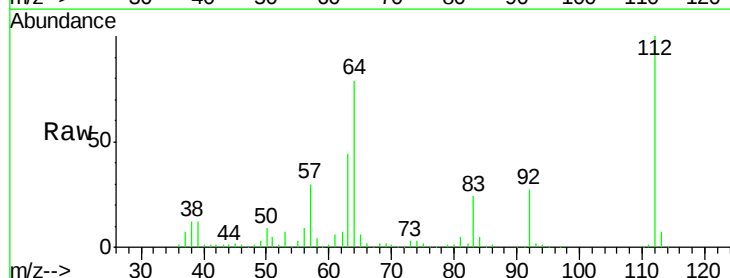
Tgt Ion:112 Resp: 645260

Ion Ratio Lower Upper

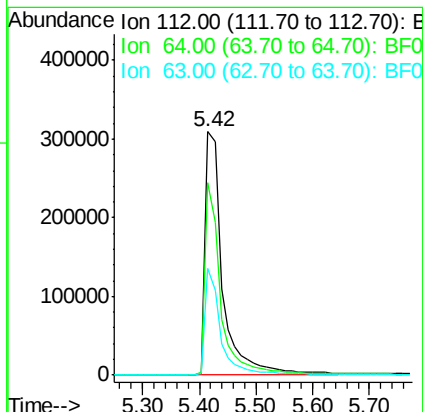
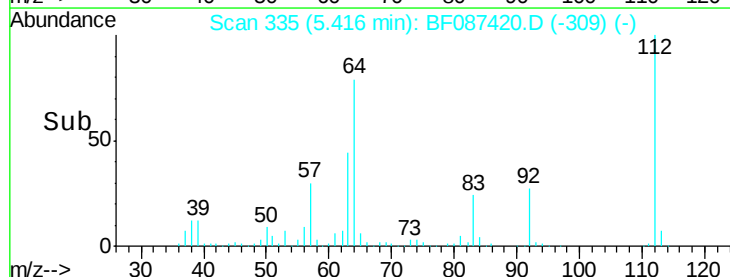
112 100

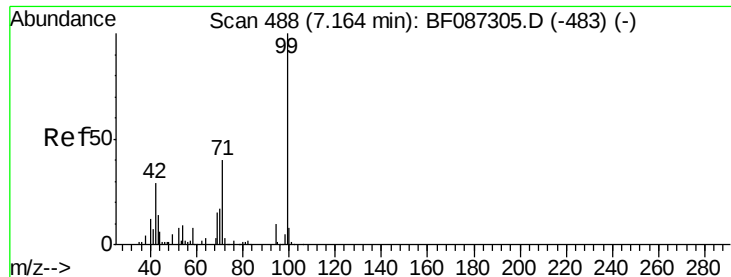
64 78.9 52.1 78.1#

63 43.9 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: 105.38 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF087420.D

Acq: 26 May 2016 21:51

Instrument :

BNA_F

ClientSampleId :

PB90866TB

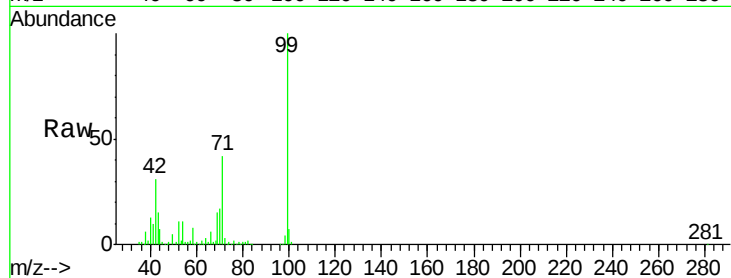
Tot Ion: 99 Resp: 819906

Ion Ratio Lower Upper

99 100

42 31.2 13.6 20.4#

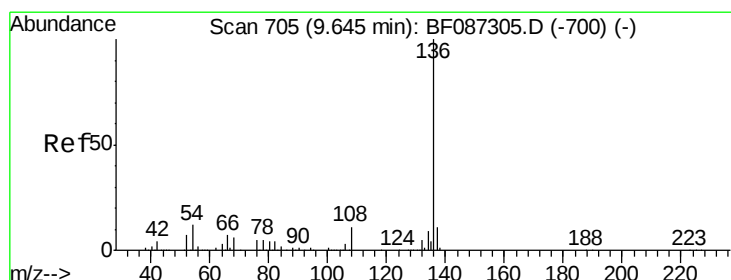
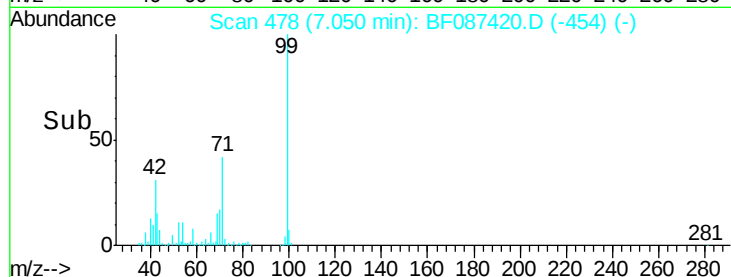
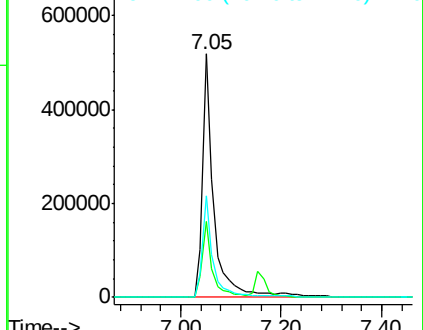
71 41.6 24.6 36.8#



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: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF087420.D

Acq: 26 May 2016 21:51

Tgt Ion: 136 Resp: 418585

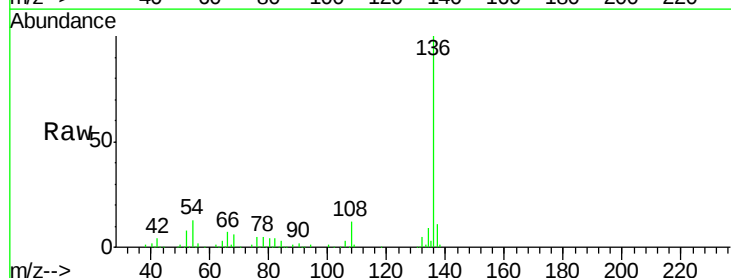
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 12.8 5.0 7.4#

68 6.1 4.4 6.6

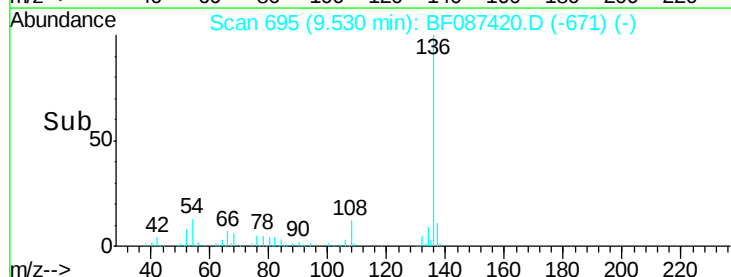
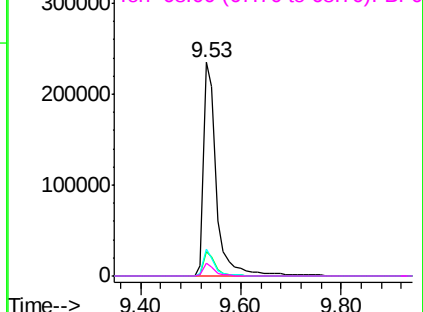


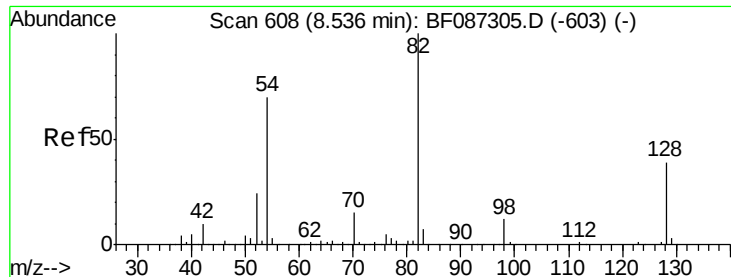
Abundance Ion 136.00 (135.70 to 136.70): E

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

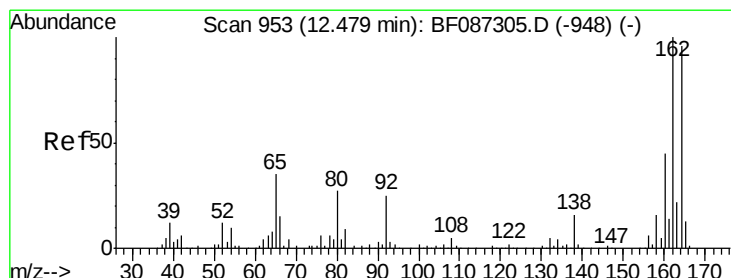
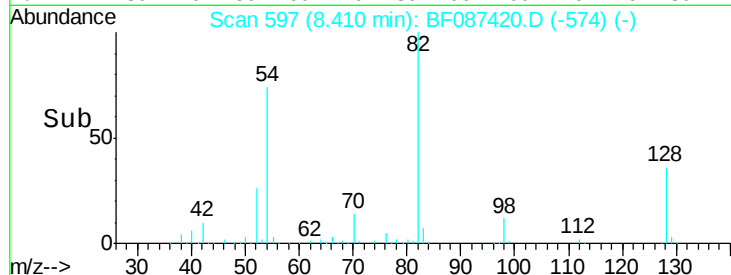
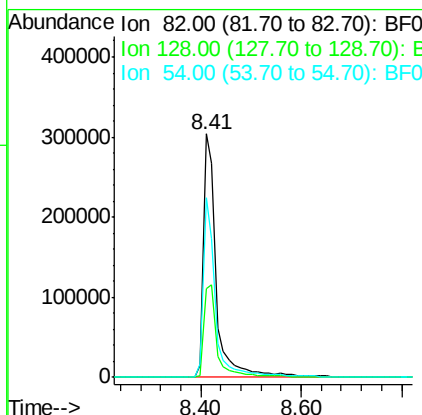
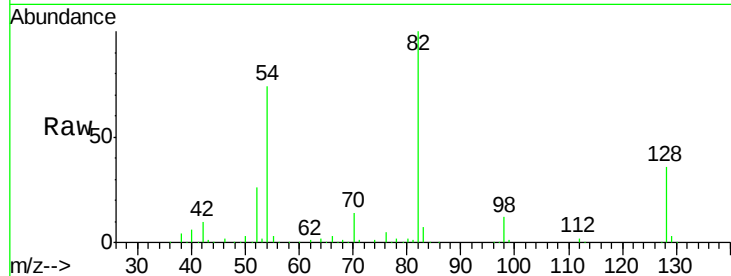




#23
 Nitrobenzene-d5
 Concen: 65.59 ng
 RT: 8.41 min Scan# 597
 Delta R.T. -0.03 min
 Lab File: BF087420.D
 Acq: 26 May 2016 21:51

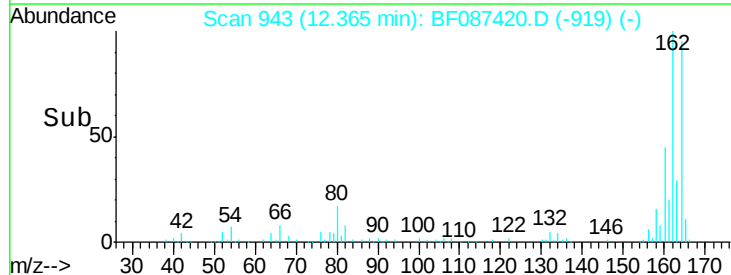
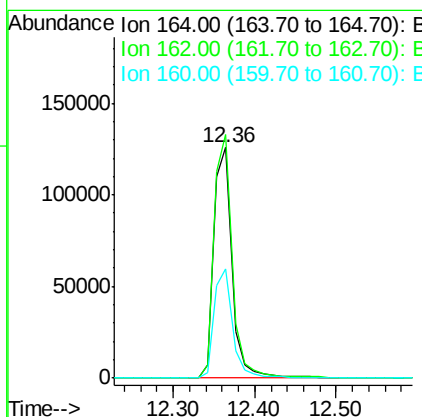
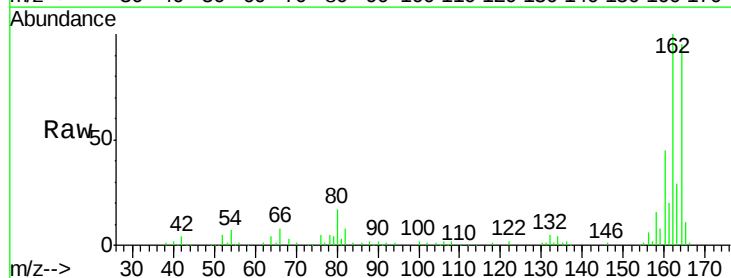
Instrument :
 BNA_F
 ClientSampleId :
 PB90866TB

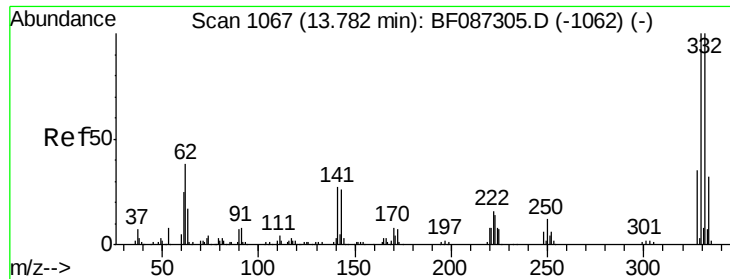
Tot Ion: 82 Resp: 544743
 Ion Ratio Lower Upper
 82 100
 128 36.2 40.6 61.0#
 54 73.8 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.36 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF087420.D
 Acq: 26 May 2016 21:51

Tgt Ion: 164 Resp: 197743
 Ion Ratio Lower Upper
 164 100
 162 105.5 82.8 124.2
 160 47.6 36.9 55.3

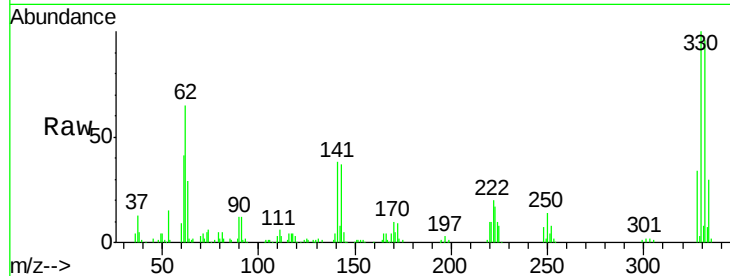




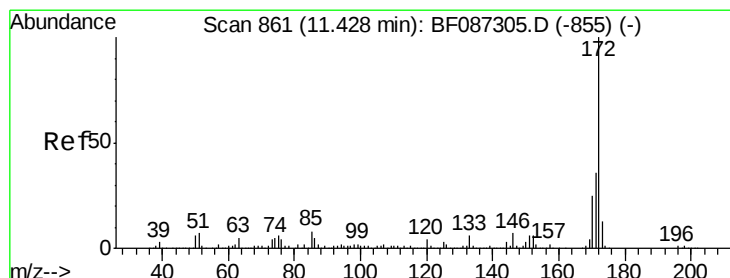
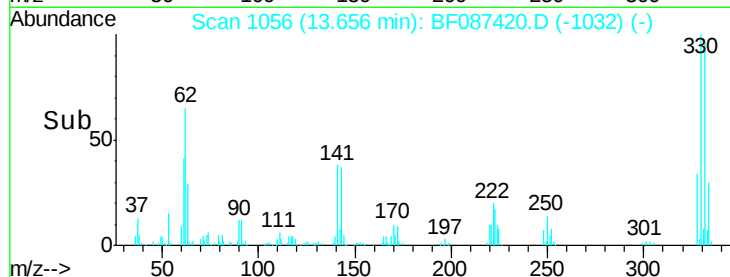
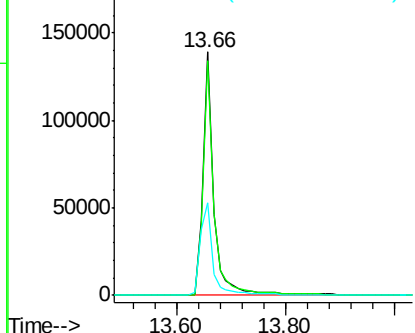
#41
 2,4,6-Tribromophenol
 Concen: 101.25 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.02 min
 Lab File: BF087420.D
 Acq: 26 May 2016 21:51

Instrument :
 BNA_F
 ClientSampleId :
 PB90866TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.0	118.4
141	44.3	31.2	46.8

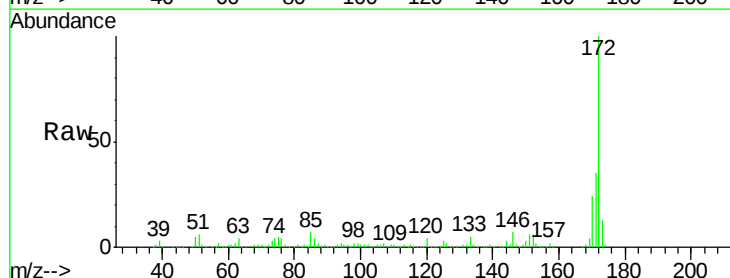


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

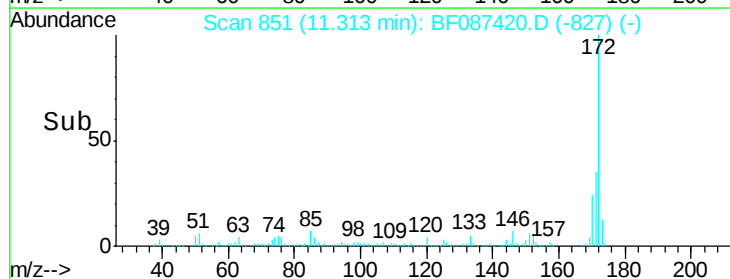
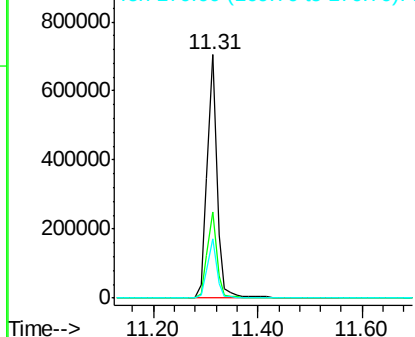


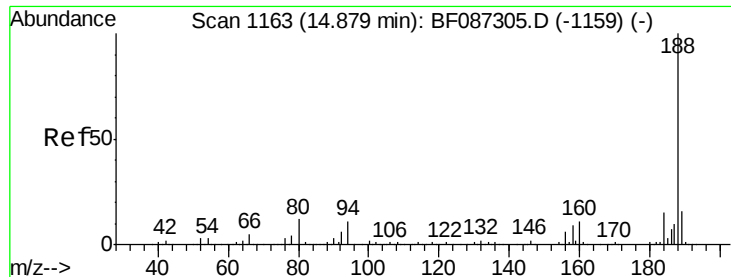
#44
 2-Fluorobiphenyl
 Concen: 66.59 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BF087420.D
 Acq: 26 May 2016 21:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.0	43.6
170	24.2	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

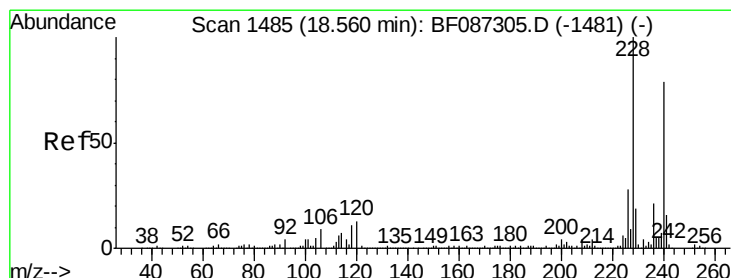
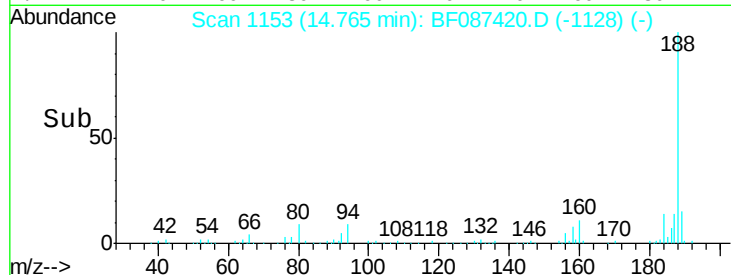
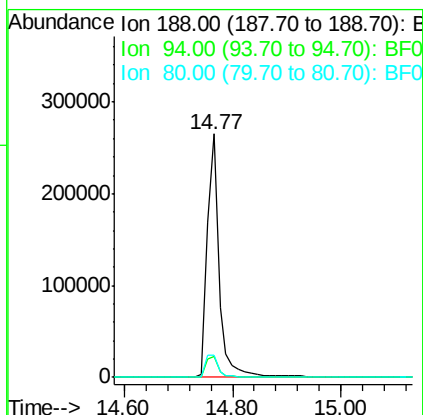
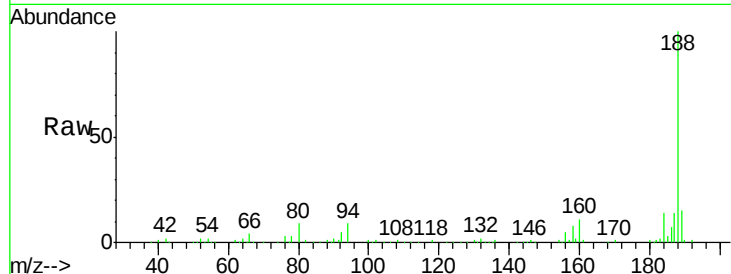




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087420.D
Acq: 26 May 2016 21:51

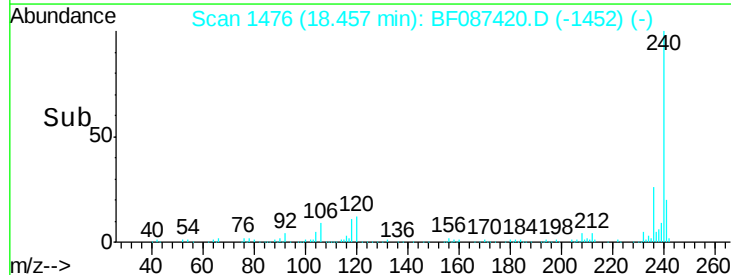
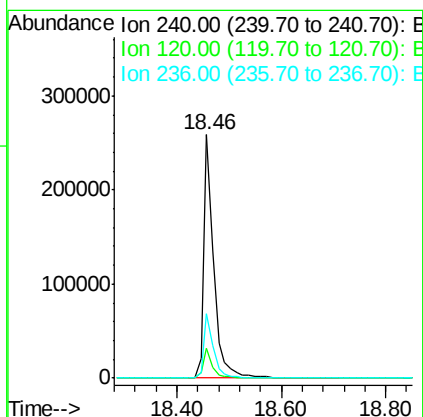
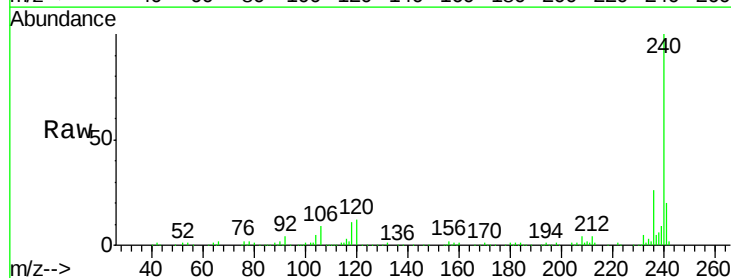
Instrument :
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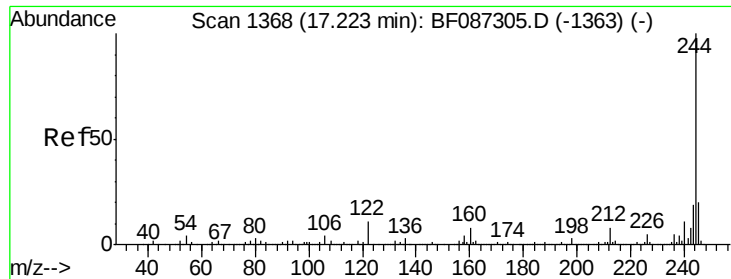
Tot Ion:188 Resp: 403840
Ion Ratio Lower Upper
188 100
94 8.6 6.8 10.2
80 9.2 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BF087420.D
Acq: 26 May 2016 21:51

Tgt Ion:240 Resp: 343728
Ion Ratio Lower Upper
240 100
120 12.1 11.2 16.8
236 26.2 21.2 31.8





#78

Terphenyl-d14

Concen: 63.65 ng

RT: 17.12 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF087420.D

Acq: 26 May 2016 21:51

Instrument :

BNA_F

ClientSampleId :

PB90866TB

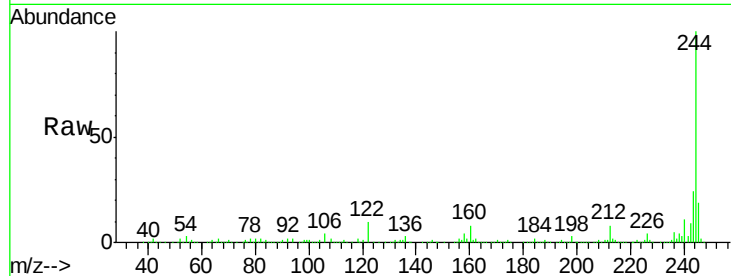
Tot Ion:244 Resp: 1029029

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

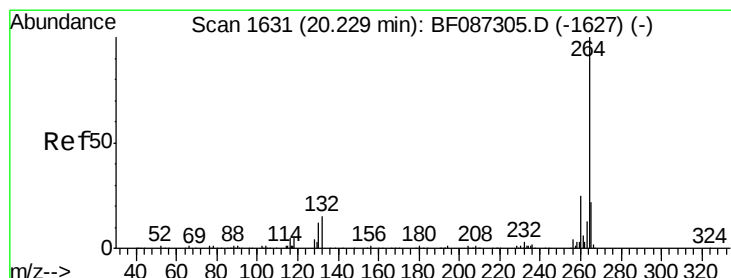
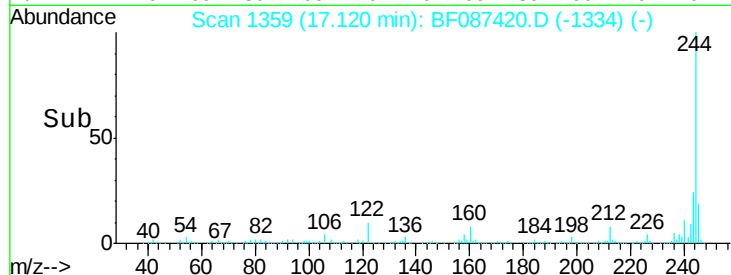
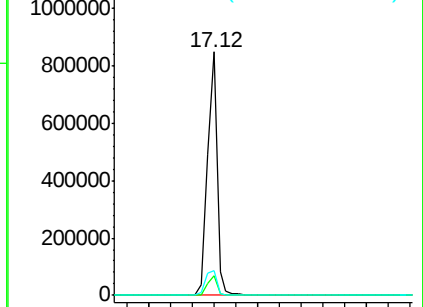
122 10.0 12.0 18.0#



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: 20.13 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF087420.D

Acq: 26 May 2016 21:51

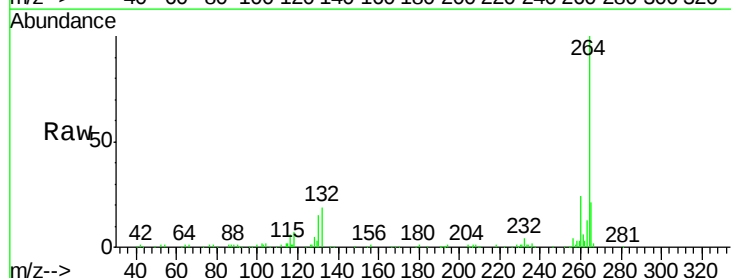
Tgt Ion:264 Resp: 247970

Ion Ratio Lower Upper

264 100

260 23.9 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

