

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
 Data File : BF087432.D
 Acq On : 27 May 2016 5:40
 Operator : UM/SJ
 Sample : PB90847TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90847TB

Quant Time: May 27 07:58:52 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	103873	20.00	ng	-0.01
21) Naphthalene-d8	9.54	136	411940	20.00	ng	-0.01
38) Acenaphthene-d10	12.37	164	191547	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	392320	20.00	ng	-0.01
75) Chrysene-d12	18.47	240	315934	20.00	ng	-0.01
86) Perylene-d12	20.15	264	235151	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	727582	123.08	ng	0.00
7) Phenol-d6	7.05	99	875185	109.57	ng	-0.02
23) Nitrobenzene-d5	8.42	82	645528	78.98	ng	-0.02
41) 2,4,6-Tribromophenol	13.66	330	204548	111.12	ng	-0.02
44) 2-Fluorobiphenyl	11.31	172	1058200	77.88	ng	-0.02
78) Terphenyl-d14	17.12	244	1077250	72.49	ng	-0.01

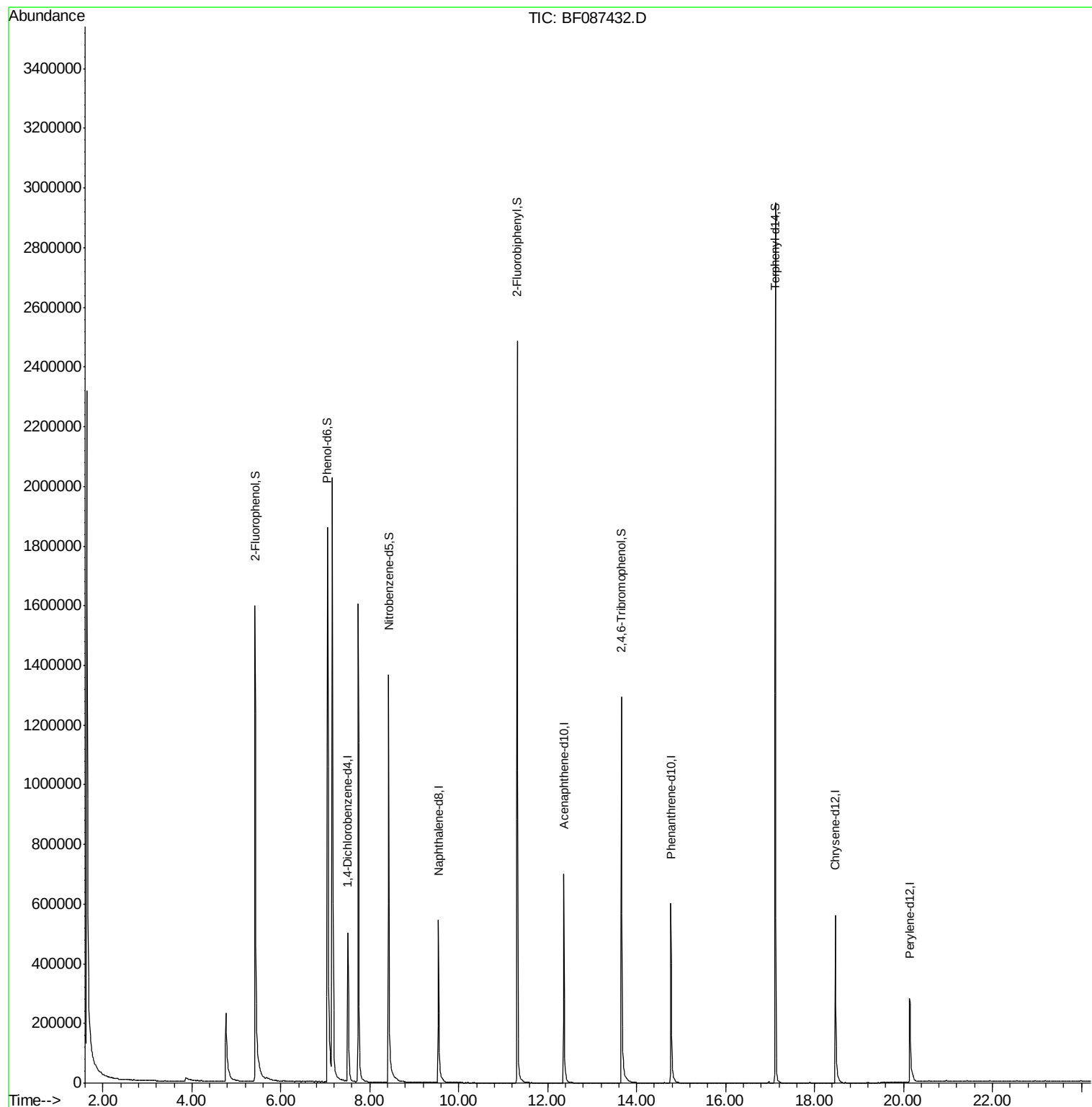
Target Compounds Qvalue

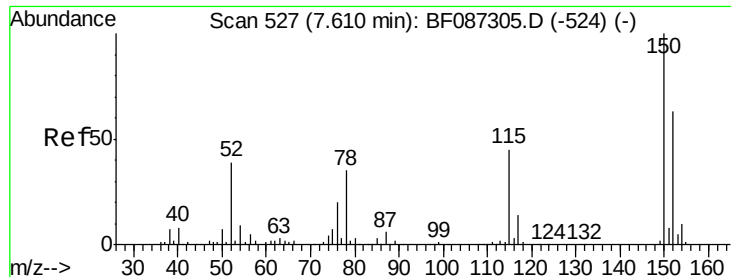
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087432.D

Acq: 27 May 2016 5:40

Instrument :

BNA_F

ClientSampleId :

PB90847TB

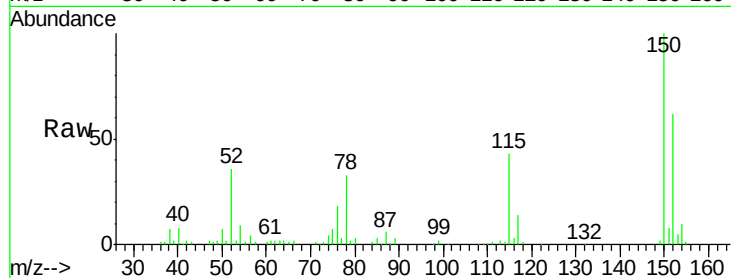
Tot Ion:152 Resp: 103873

Ion Ratio Lower Upper

152 100

150 162.4 125.8 188.6

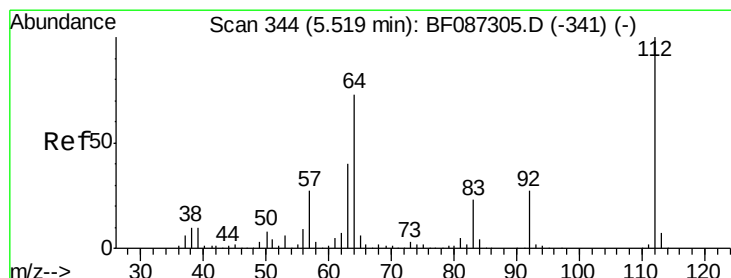
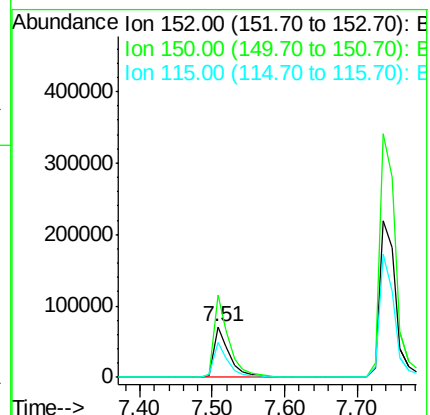
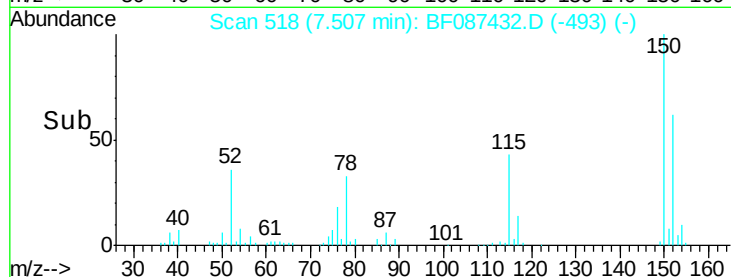
115 69.1 51.5 77.3



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: 123.08 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.00 min

Lab File: BF087432.D

Acq: 27 May 2016 5:40

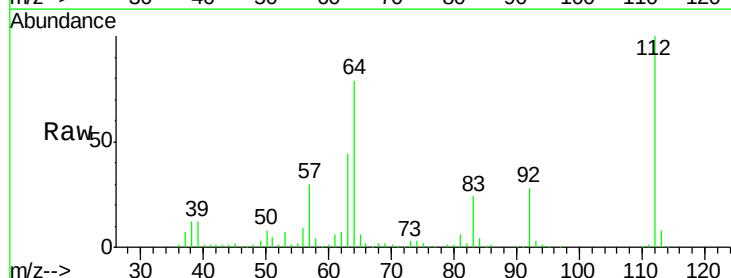
Tgt Ion:112 Resp: 727582

Ion Ratio Lower Upper

112 100

64 78.8 52.1 78.1#

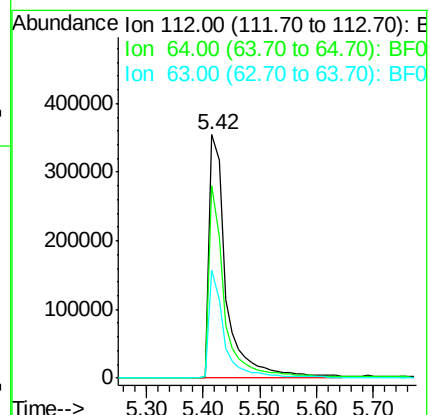
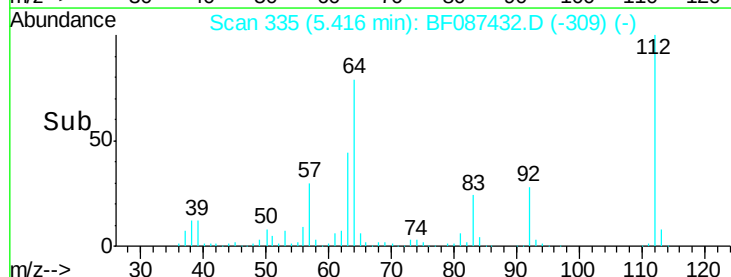
63 44.1 25.7 38.5#

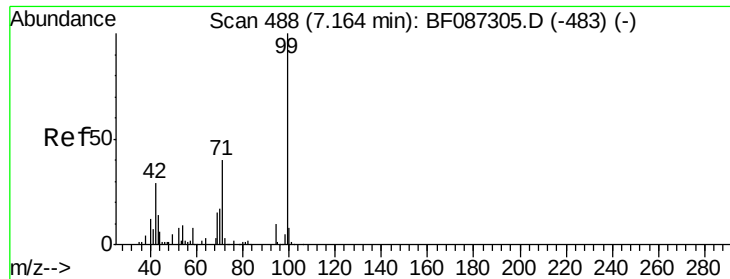


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.57 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF087432.D

Acq: 27 May 2016 5:40

Instrument :

BNA_F

ClientSampleId :

PB90847TB

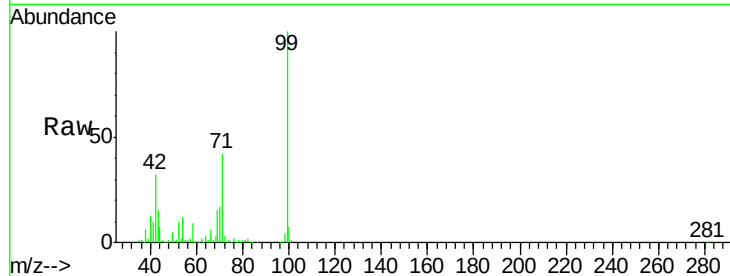
Tot Ion: 99 Resp: 875185

Ion Ratio Lower Upper

99 100

42 31.6 13.6 20.4#

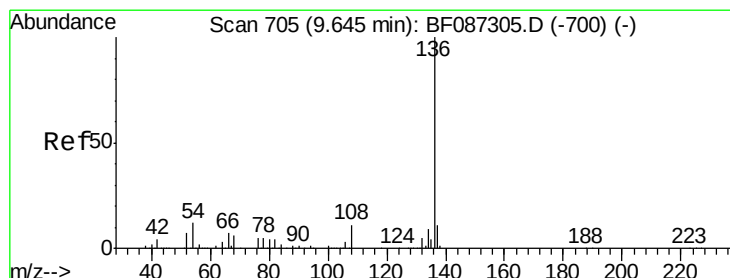
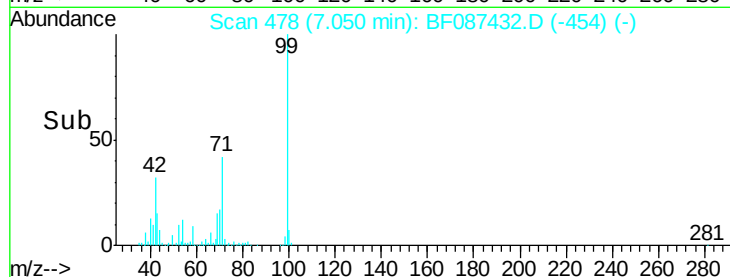
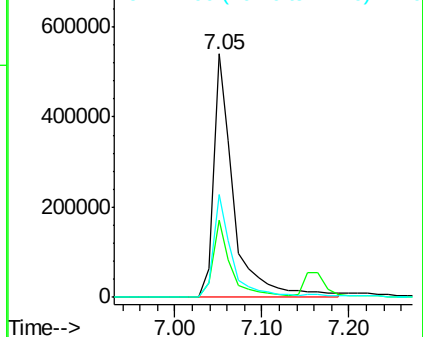
71 42.0 24.6 36.8#



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: 9.54 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF087432.D

Acq: 27 May 2016 5:40

Tgt Ion: 136 Resp: 411940

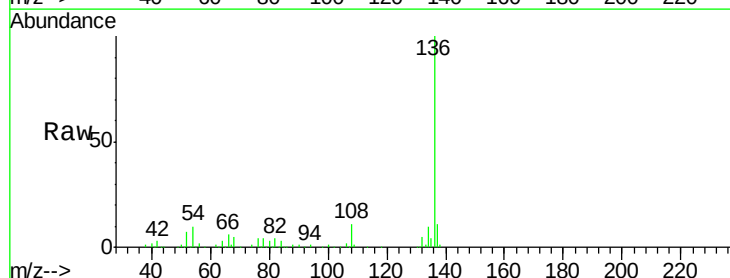
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 10.5 5.0 7.4#

68 5.2 4.4 6.6

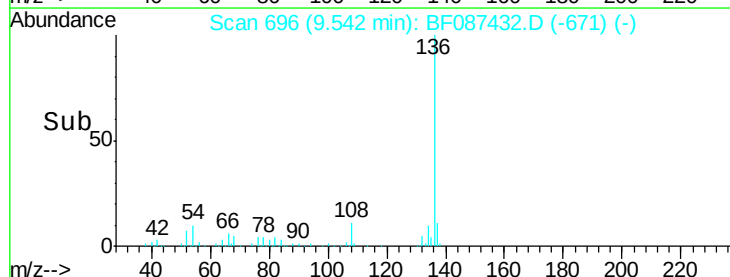
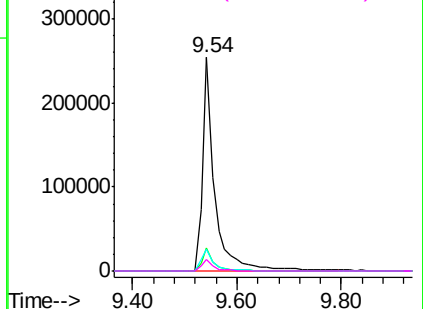


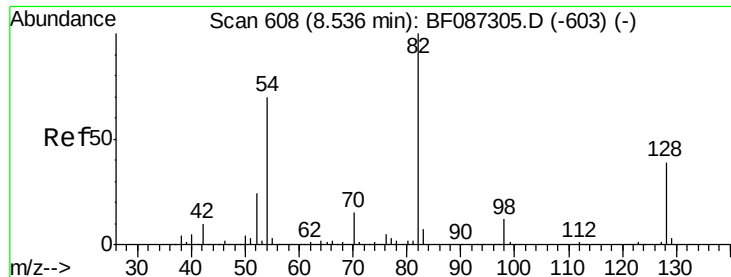
Abundance Ion 136.00 (135.70 to 136.70): E

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

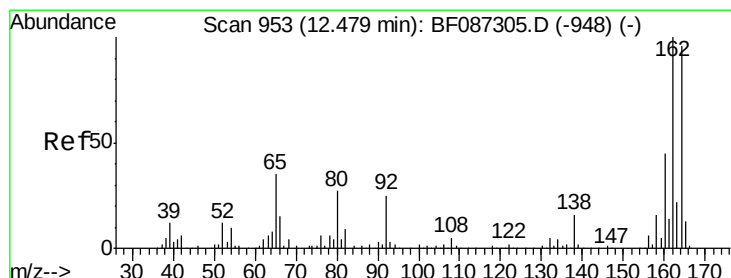
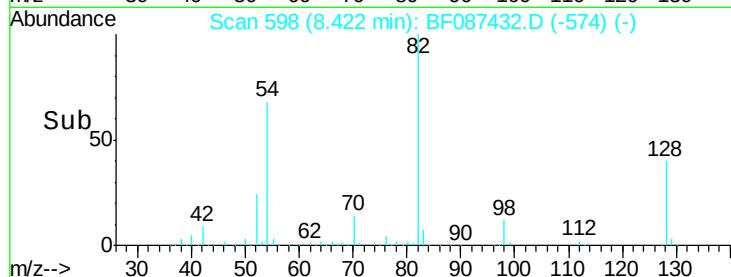
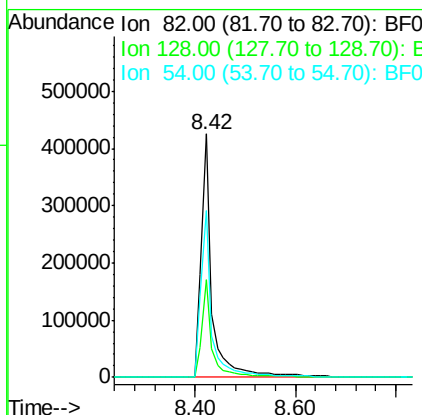
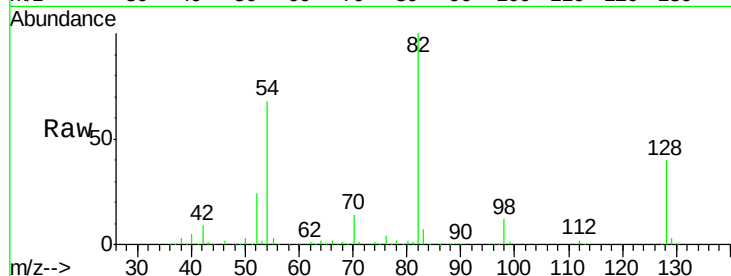




#23
 Nitrobenzene-d5
 Concen: 78.98 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF087432.D
 Acq: 27 May 2016 5:40

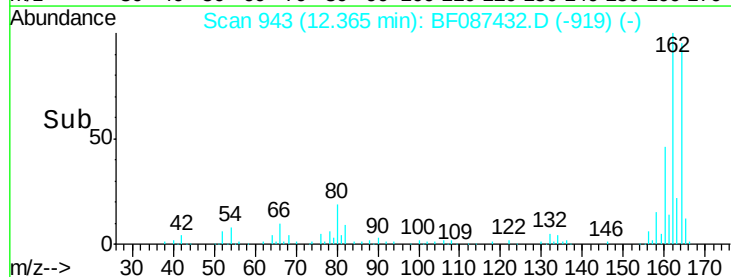
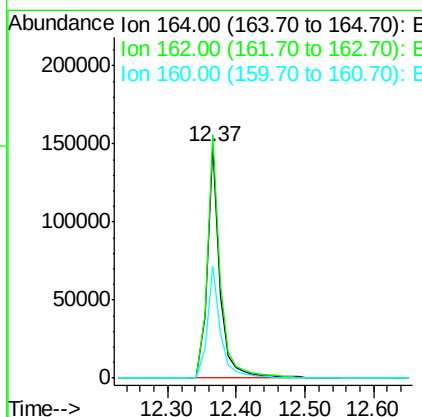
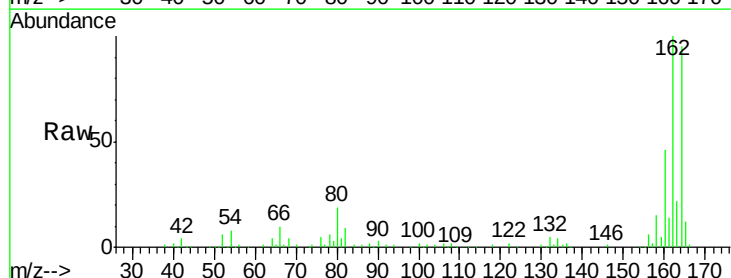
Instrument :
 BNA_F
 ClientSampleId :
 PB90847TB

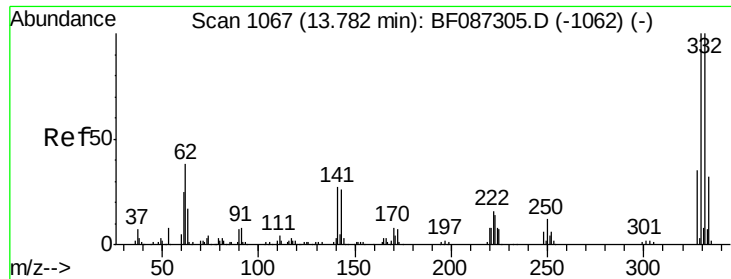
Tot Ion: 82 Resp: 645528
 Ion Ratio Lower Upper
 82 100
 128 40.0 40.6 61.0#
 54 68.4 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.37 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF087432.D
 Acq: 27 May 2016 5:40

Tgt Ion: 164 Resp: 191547
 Ion Ratio Lower Upper
 164 100
 162 105.0 82.8 124.2
 160 48.2 36.9 55.3

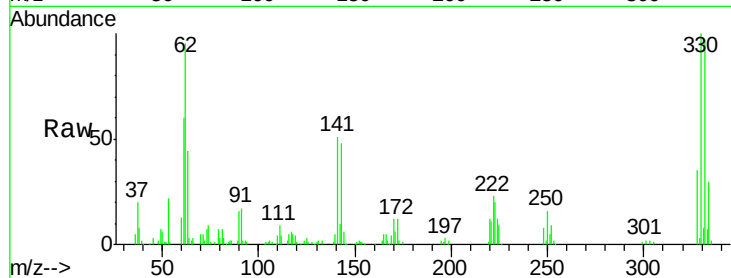




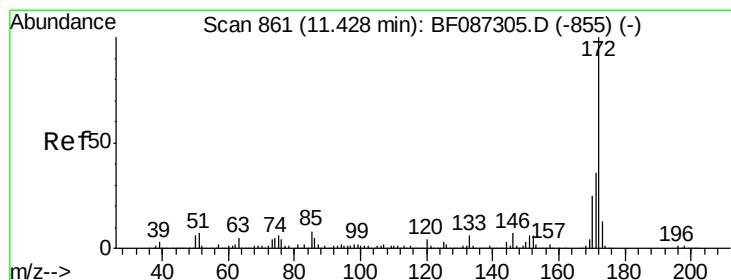
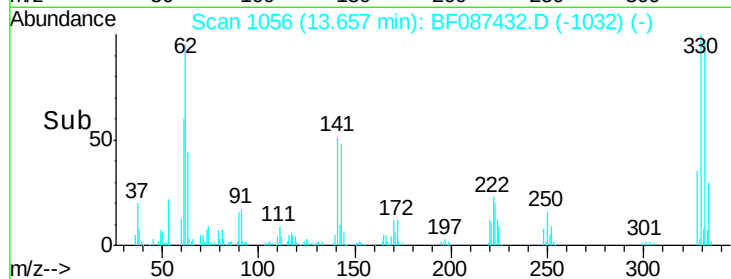
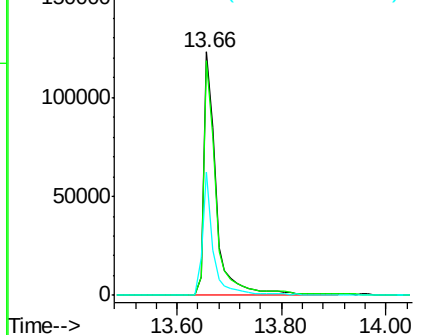
#41
 2,4,6-Tribromophenol
 Concen: 111.12 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.02 min
 Lab File: BF087432.D
 Acq: 27 May 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90847TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.0	118.4
141	45.6	31.2	46.8

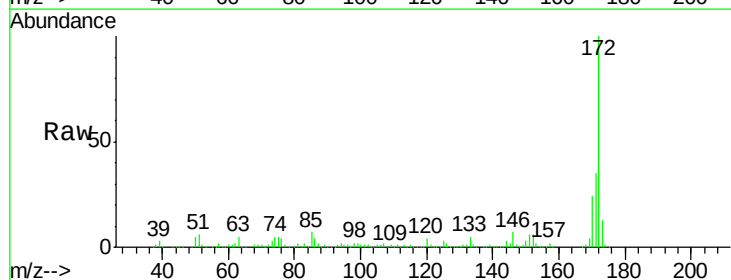


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

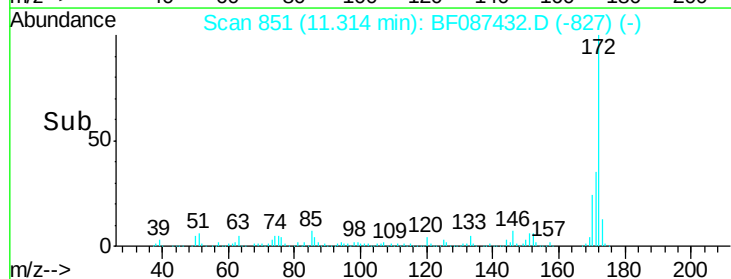
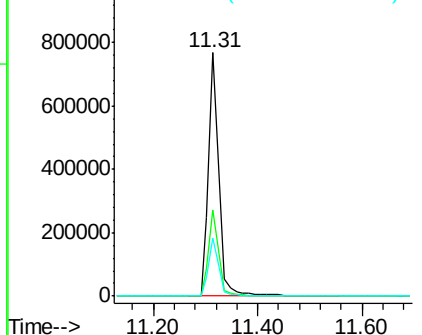


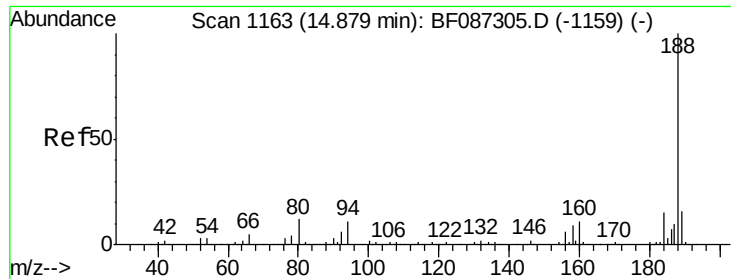
#44
 2-Fluorobiphenyl
 Concen: 77.88 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BF087432.D
 Acq: 27 May 2016 5:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.6
170	23.9	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

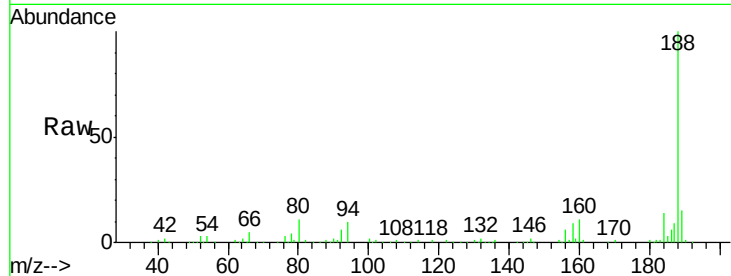




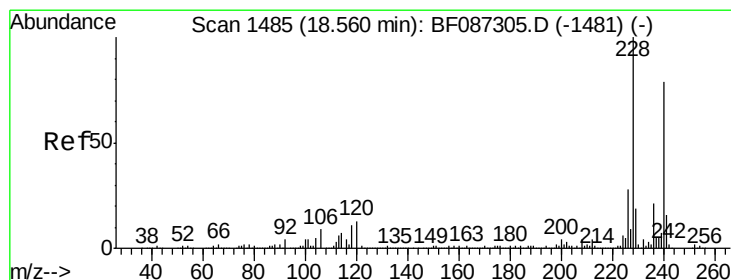
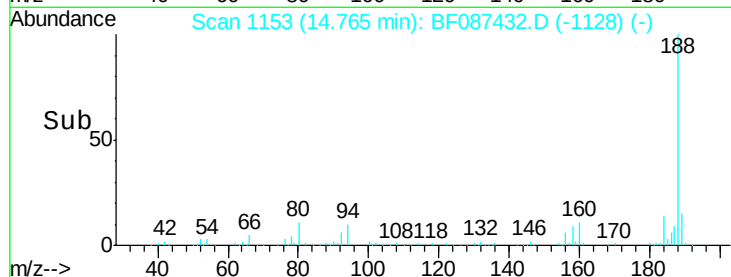
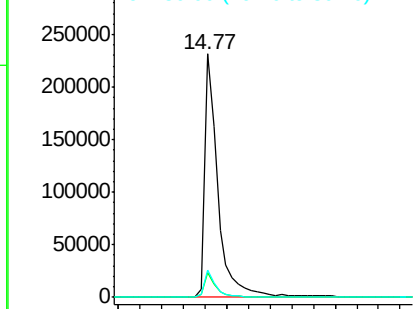
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087432.D
Acq: 27 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
PB90847TB

Tot Ion:188 Resp: 392320
Ion Ratio Lower Upper
188 100
94 10.2 6.8 10.2
80 11.4 7.1 10.7#

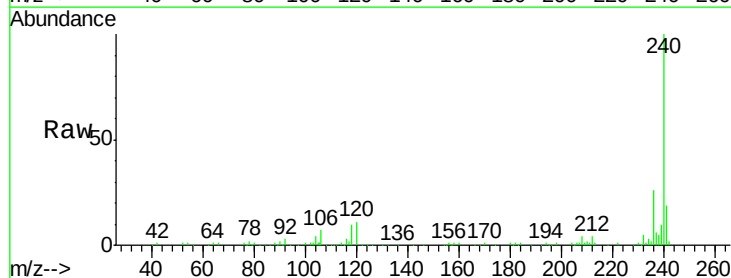


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

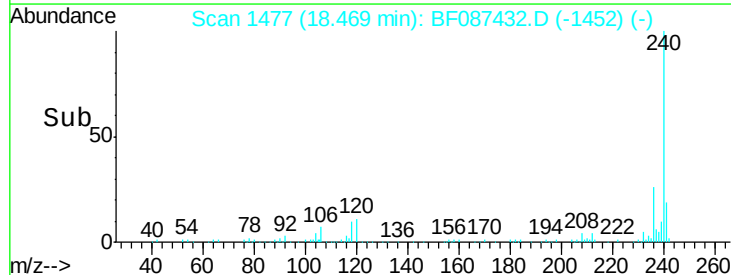
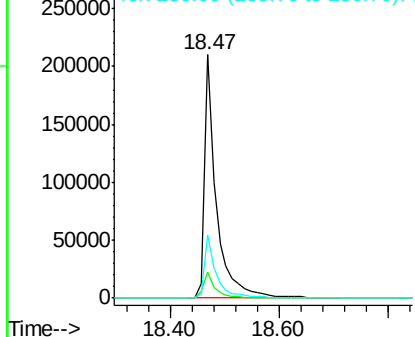


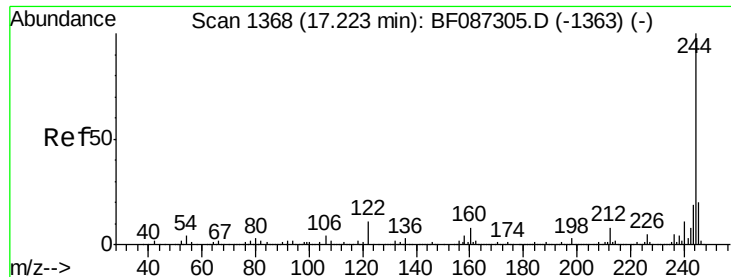
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087432.D
Acq: 27 May 2016 5:40

Tgt Ion:240 Resp: 315934
Ion Ratio Lower Upper
240 100
120 10.8 11.2 16.8#
236 25.8 21.2 31.8



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: 72.49 ng

RT: 17.12 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF087432.D

Acq: 27 May 2016 5:40

Instrument :

BNA_F

ClientSampleId :

PB90847TB

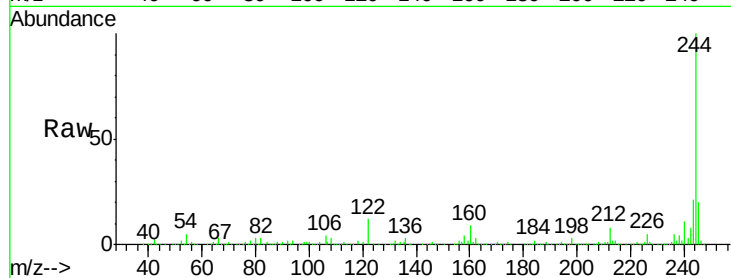
Tot Ion:244 Resp: 1077250

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 12.0 12.0 18.0



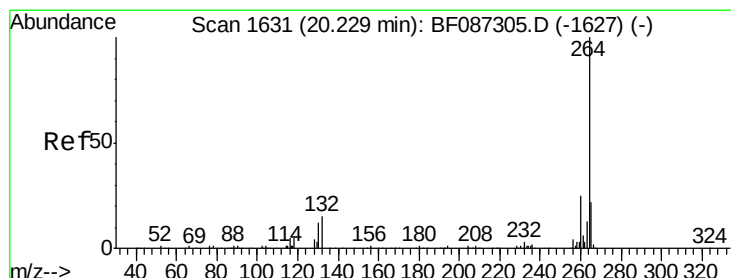
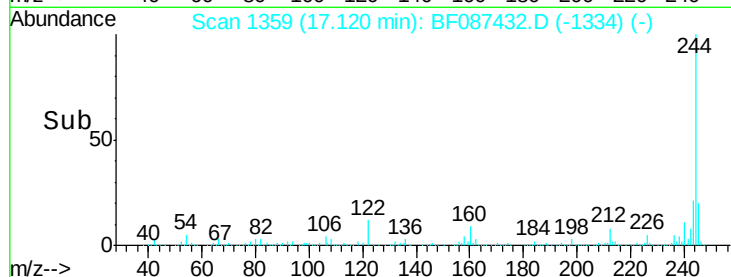
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

17.12

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.15 min Scan# 1624

Delta R.T. 0.01 min

Lab File: BF087432.D

Acq: 27 May 2016 5:40

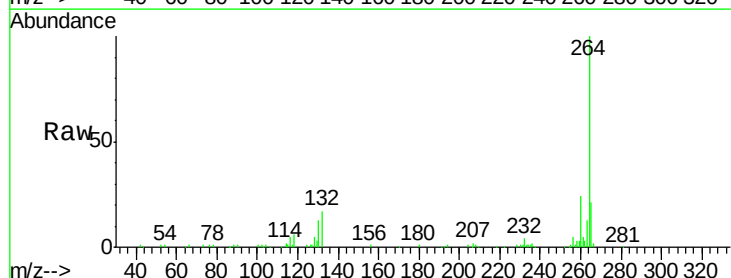
Tgt Ion:264 Resp: 235151

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.2 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

20.15

Time-->

