

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
 Data File : BF087431.D
 Acq On : 27 May 2016 5:06
 Operator : UM/SJ
 Sample : PB90847BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90847BL

Quant Time: May 27 07:57:34 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	109551	20.00	ng	-0.01
21) Naphthalene-d8	9.54	136	442072	20.00	ng	-0.01
38) Acenaphthene-d10	12.36	164	207916	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	412245	20.00	ng	-0.01
75) Chrysene-d12	18.47	240	338559	20.00	ng	-0.01
86) Perylene-d12	20.14	264	246016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	809444	129.83	ng	0.01
7) Phenol-d6	7.06	99	1024639	121.63	ng	-0.01
23) Nitrobenzene-d5	8.42	82	704987	80.37	ng	-0.02
41) 2,4,6-Tribromophenol	13.66	330	225181	112.70	ng	-0.02
44) 2-Fluorobiphenyl	11.31	172	1153985	78.25	ng	-0.02
78) Terphenyl-d14	17.12	244	1121621	70.43	ng	-0.01

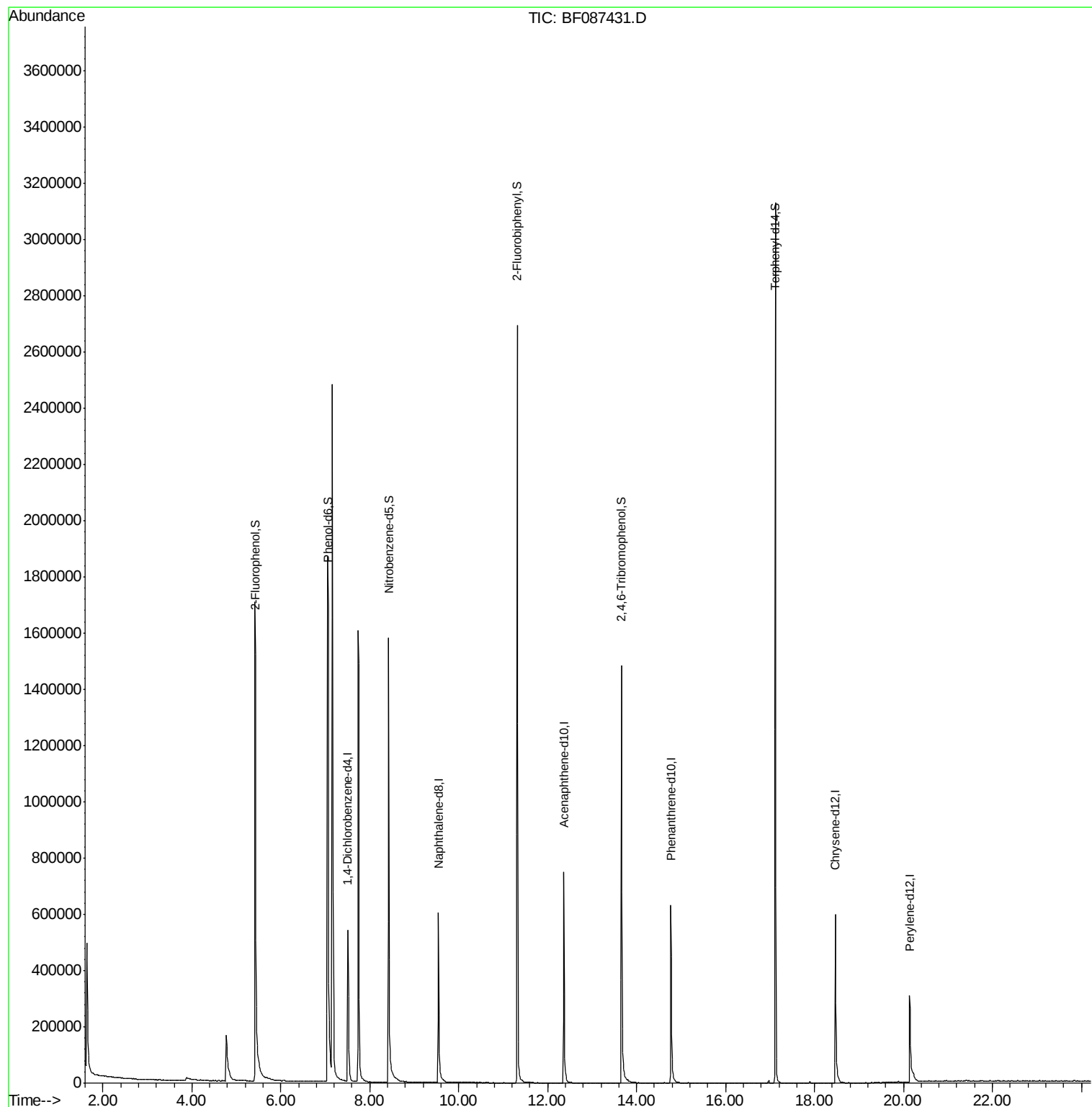
Target Compounds Qvalue

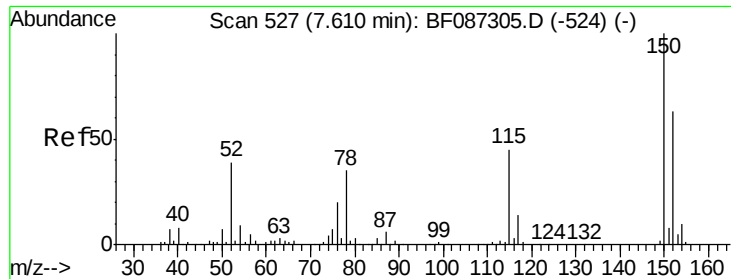
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087431.D

Acq: 27 May 2016 5:06

Instrument :

BNA_F

ClientSampleId :

PB90847BL

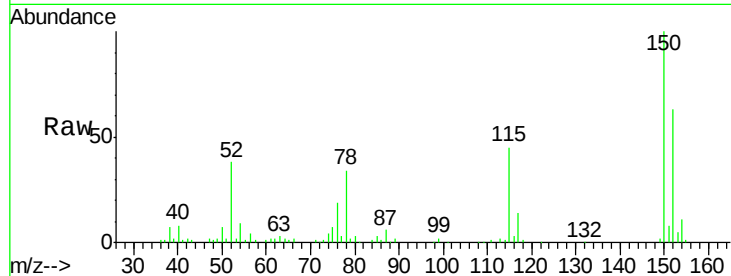
Tot Ion:152 Resp: 109551

Ion Ratio Lower Upper

152 100

150 157.8 125.8 188.6

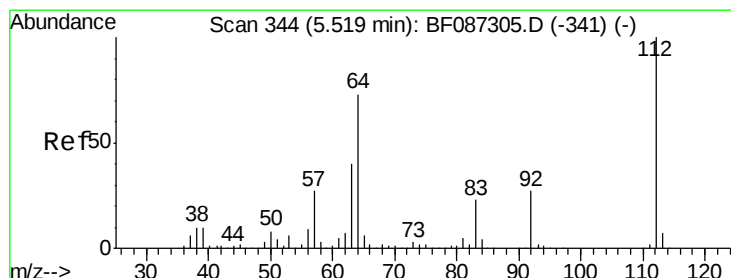
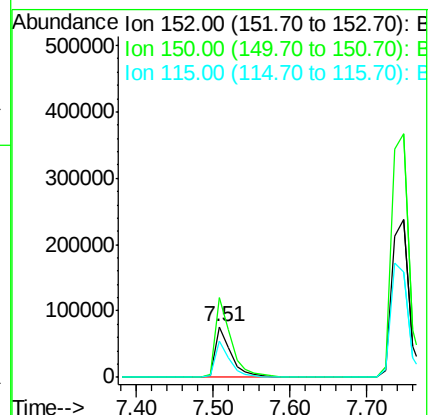
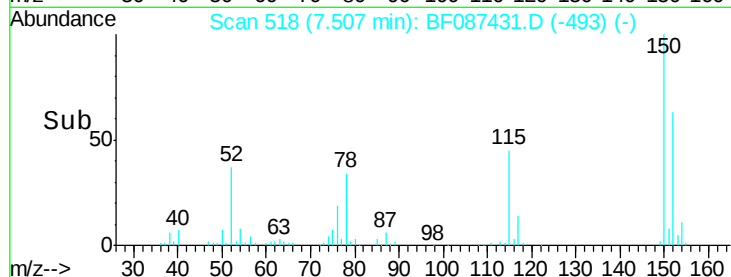
115 70.2 51.5 77.3



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: 129.83 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF087431.D

Acq: 27 May 2016 5:06

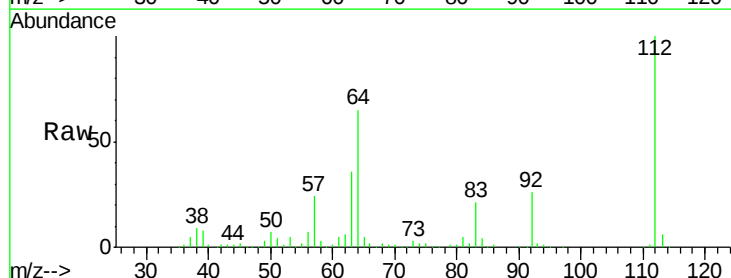
Tgt Ion:112 Resp: 809444

Ion Ratio Lower Upper

112 100

64 64.6 52.1 78.1

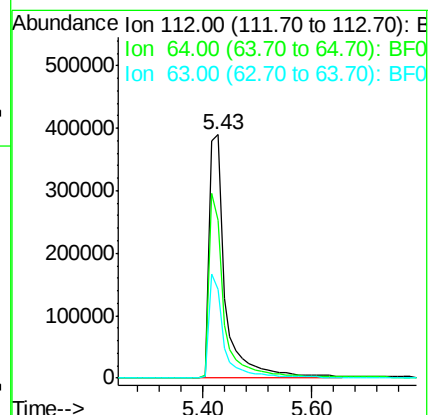
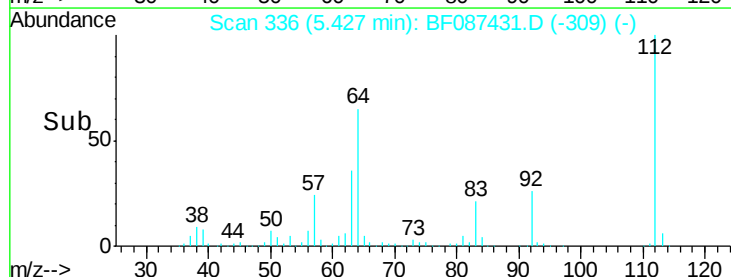
63 36.4 25.7 38.5



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: 121.63 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087431.D

Acq: 27 May 2016 5:06

Instrument :

BNA_F

ClientSampleId :

PB90847BL

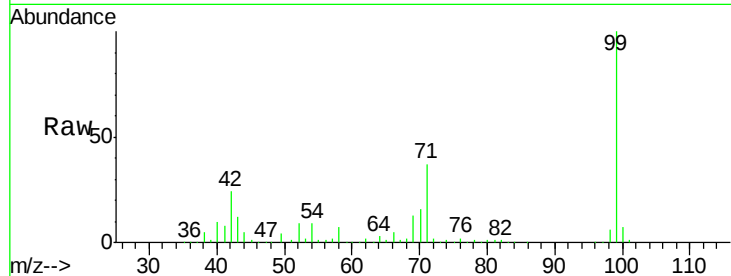
Tot Ion: 99 Resp: 1024639

Ion Ratio Lower Upper

99 100

42 24.3 13.6 20.4#

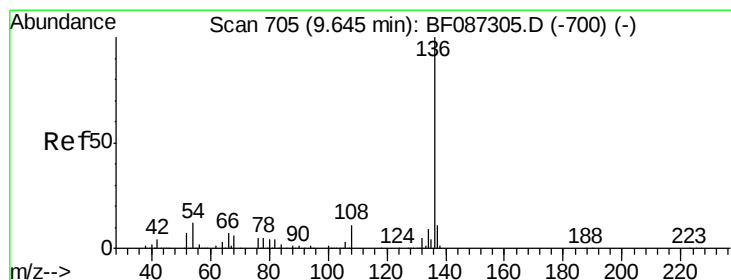
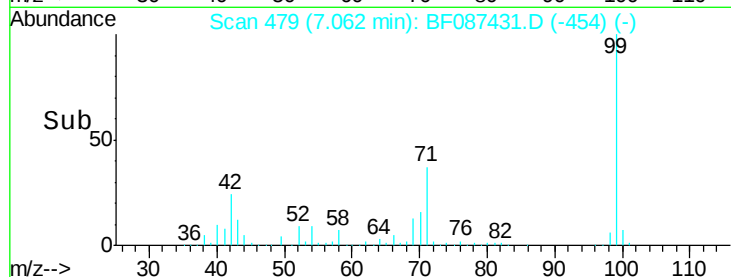
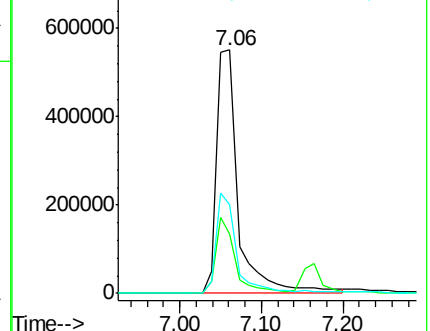
71 36.6 24.6 36.8



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: 9.54 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF087431.D

Acq: 27 May 2016 5:06

Tgt Ion: 136 Resp: 442072

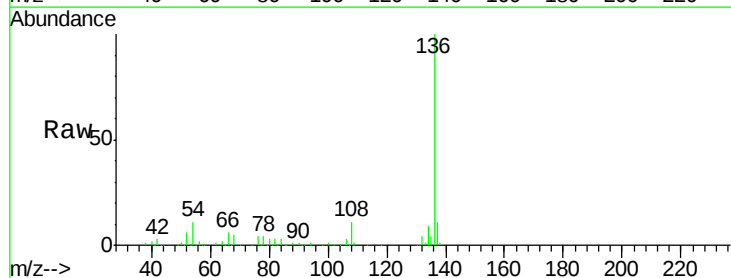
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 10.6 5.0 7.4#

68 5.1 4.4 6.6

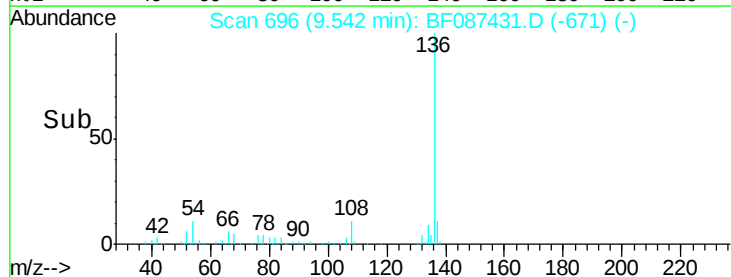
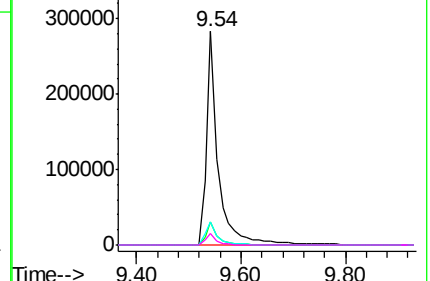


Abundance Ion 136.00 (135.70 to 136.70): E

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

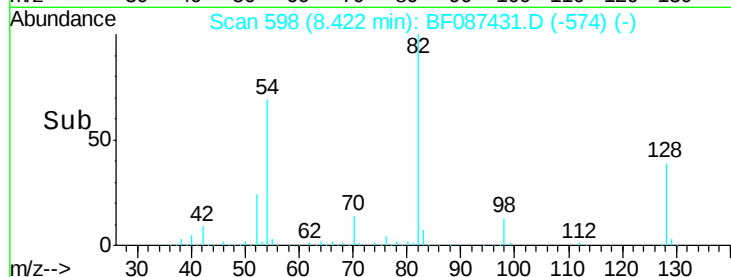
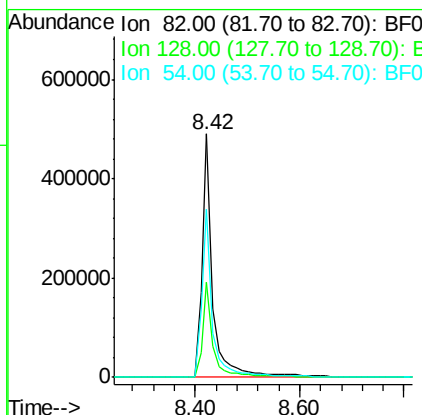
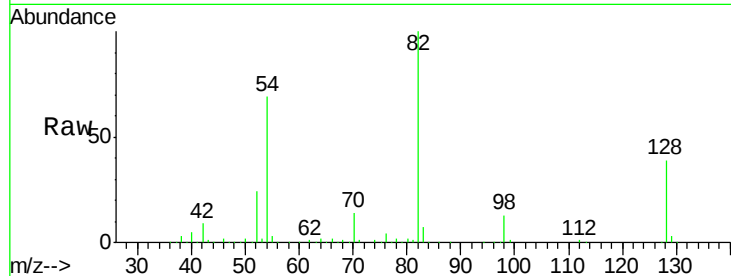




#23
 Nitrobenzene-d5
 Concen: 80.37 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF087431.D
 Acq: 27 May 2016 5:06

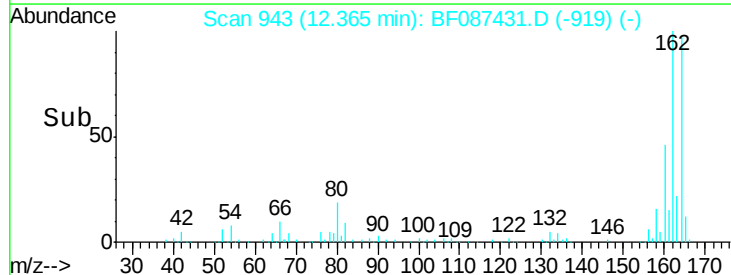
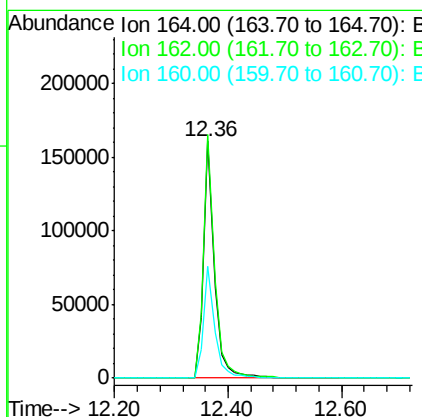
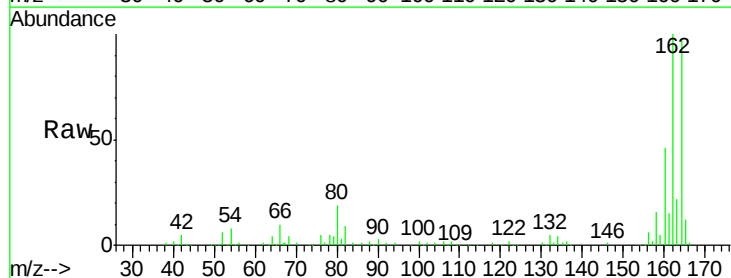
Instrument :
 BNA_F
 ClientSampleId :
 PB90847BL

Tot Ion: 82 Resp: 704987
 Ion Ratio Lower Upper
 82 100
 128 39.3 40.6 61.0#
 54 68.8 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: BF087431.D
 Acq: 27 May 2016 5:06

Tgt Ion: 164 Resp: 207916
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.8 124.2
 160 47.2 36.9 55.3

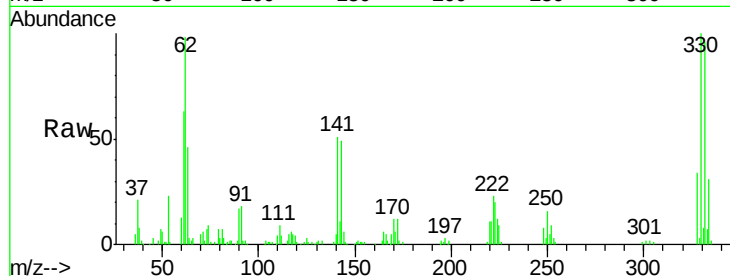




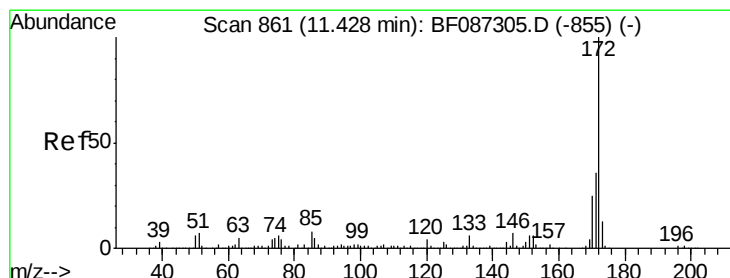
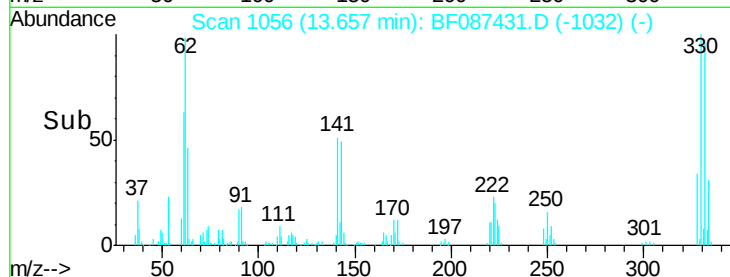
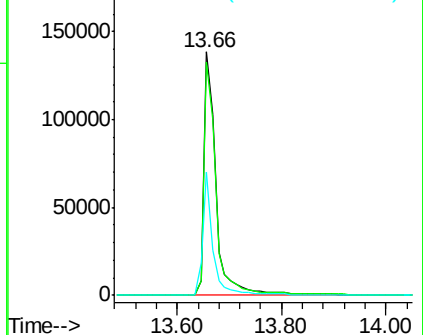
#41
 2,4,6-Tribromophenol
 Concen: 112.70 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.02 min
 Lab File: BF087431.D
 Acq: 27 May 2016 5:06

Instrument :
 BNA_F
 ClientSampleId :
 PB90847BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.0	118.4
141	44.1	31.2	46.8

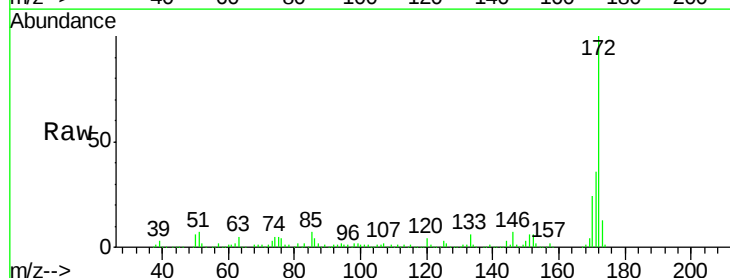


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

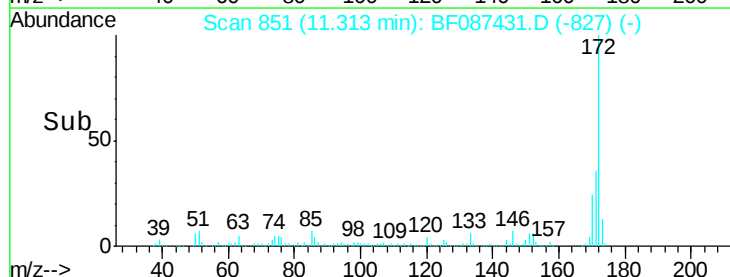
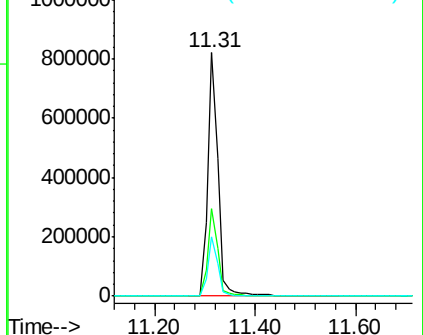


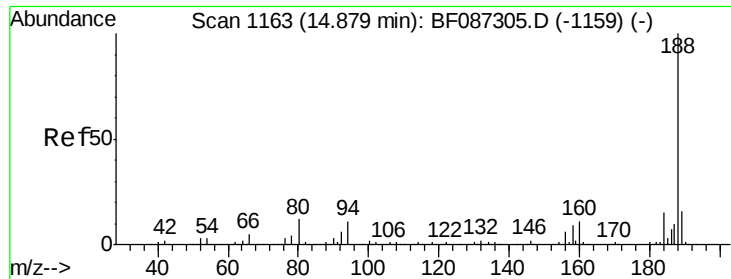
#44
 2-Fluorobiphenyl
 Concen: 78.25 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BF087431.D
 Acq: 27 May 2016 5:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	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

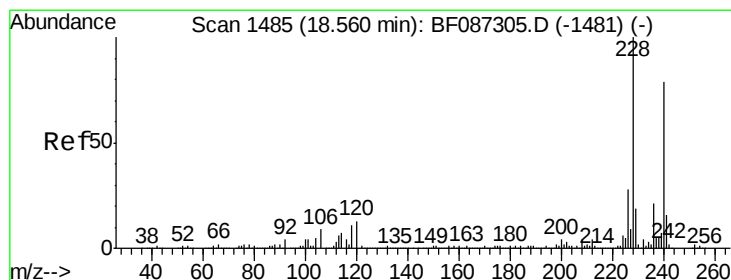
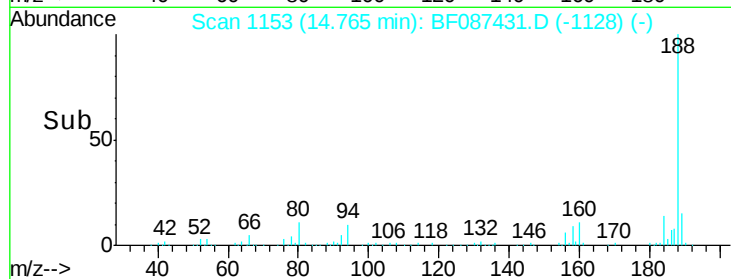
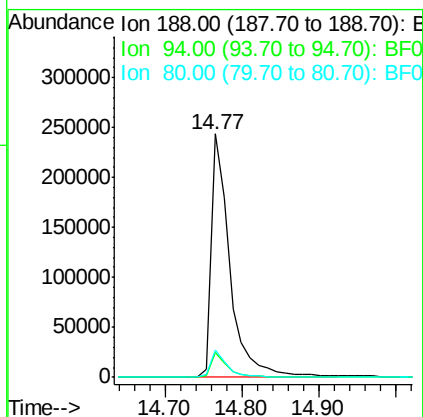
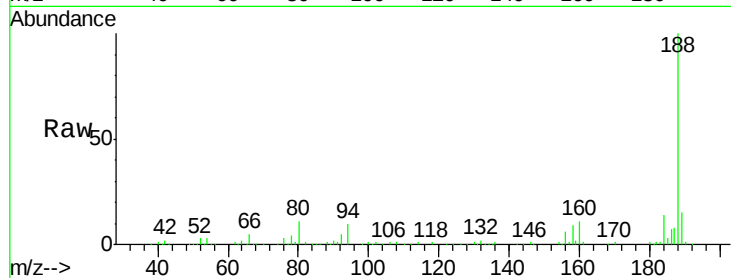




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087431.D
Acq: 27 May 2016 5:06

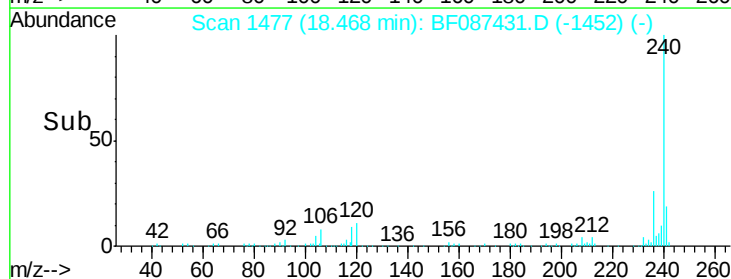
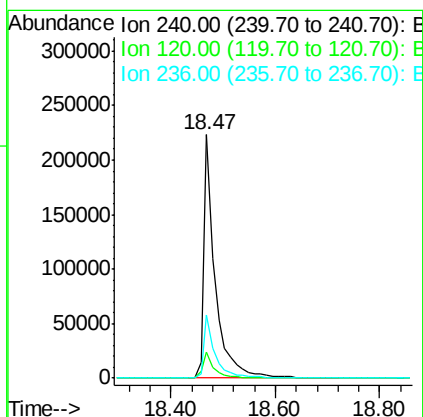
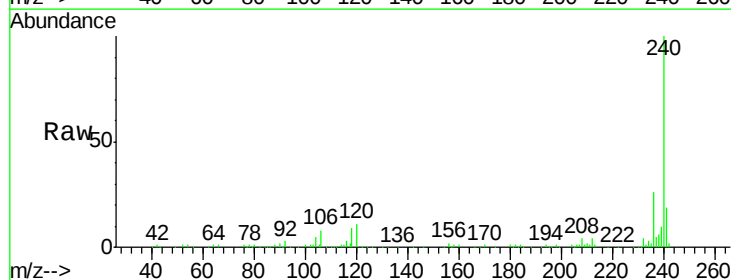
Instrument :
BNA_F
ClientSampleId :
PB90847BL

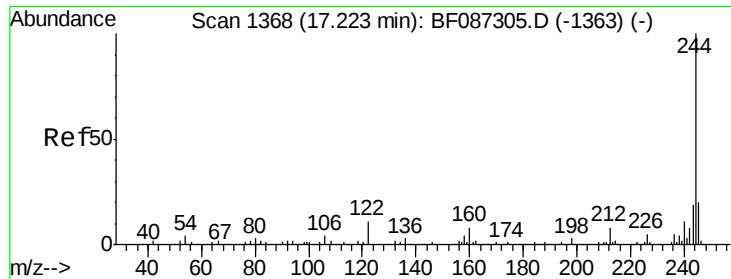
Tot Ion:188 Resp: 412245
Ion Ratio Lower Upper
188 100
94 10.2 6.8 10.2
80 11.2 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087431.D
Acq: 27 May 2016 5:06

Tgt Ion:240 Resp: 338559
Ion Ratio Lower Upper
240 100
120 10.7 11.2 16.8#
236 26.1 21.2 31.8





#78

Terphenyl-d14

Concen: 70.43 ng

RT: 17.12 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF087431.D

Acq: 27 May 2016 5:06

Instrument :

BNA_F

ClientSampleId :

PB90847BL

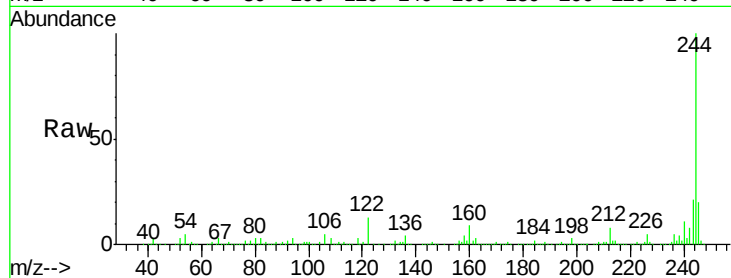
Tot Ion:244 Resp: 1121621

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

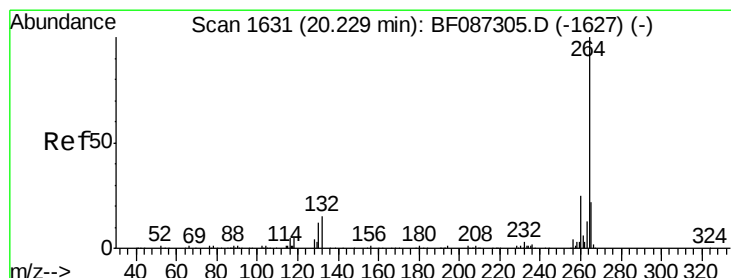
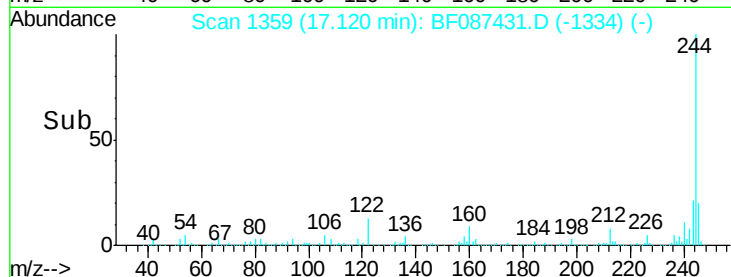
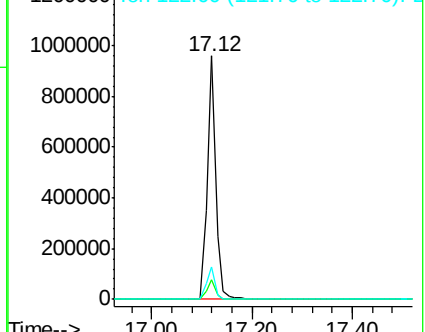
122 13.1 12.0 18.0



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: 20.14 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BF087431.D

Acq: 27 May 2016 5:06

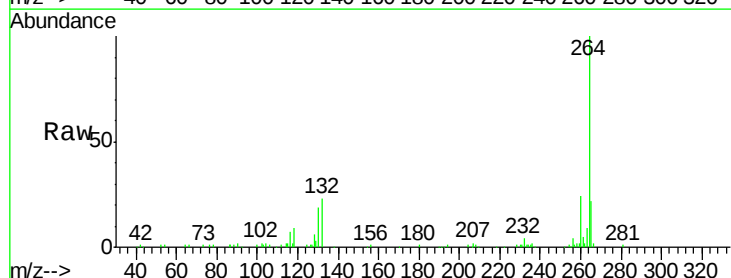
Tgt Ion:264 Resp: 246016

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 22.0 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

