

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 07:40:14 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

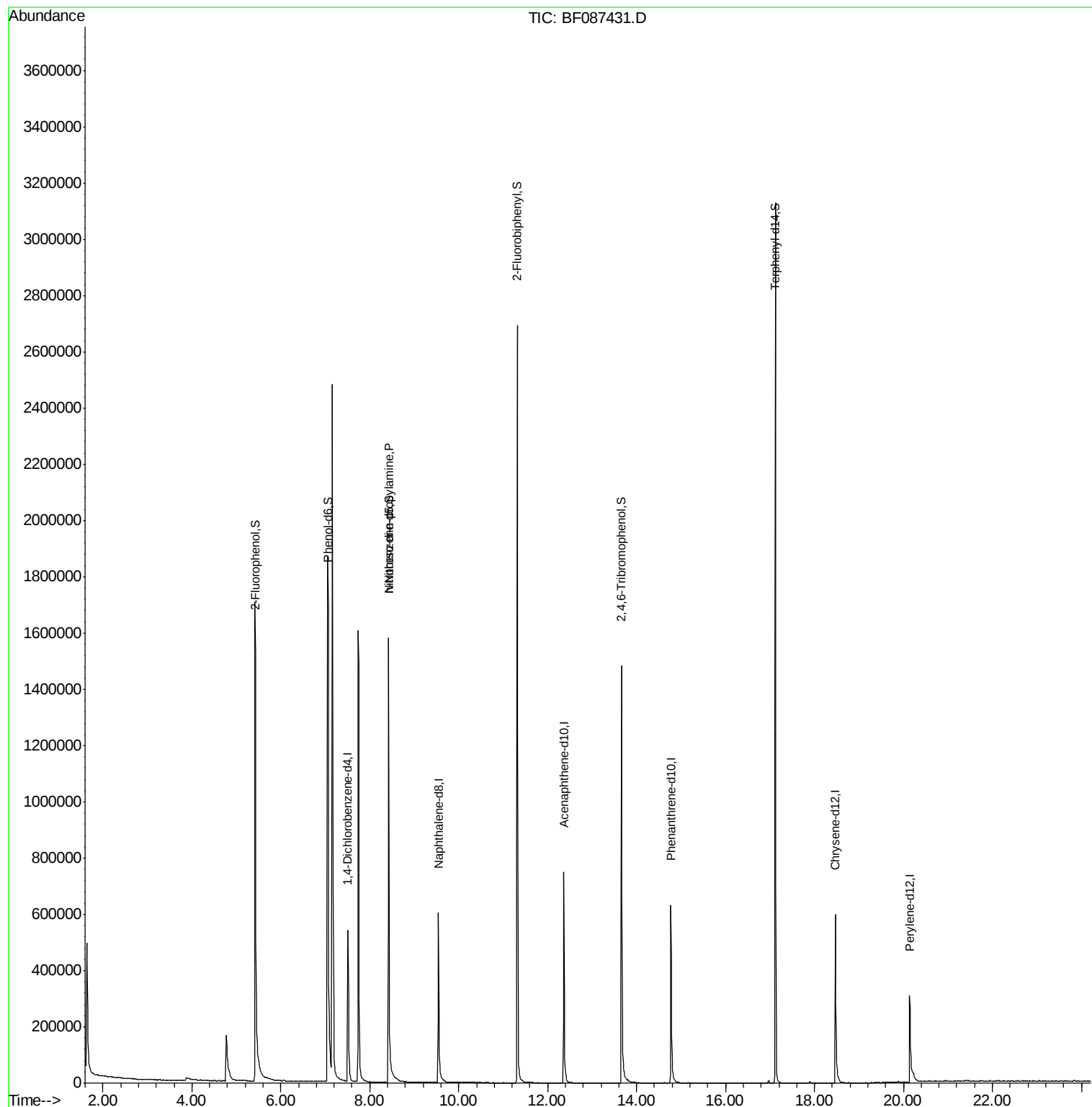
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	109551	20.00	ng	-0.01
21) Naphthalene-d8	9.54	136	442072	20.00	ng	-0.01
38) Acenaphthene-d10	12.36	164	207916	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	412245	20.00	ng	-0.01
75) Chrysene-d12	18.47	240	338559	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						
19) n-Nitroso-di-n-propylamine	8.42	70	91601	14.58	ng	Qvalue # 75

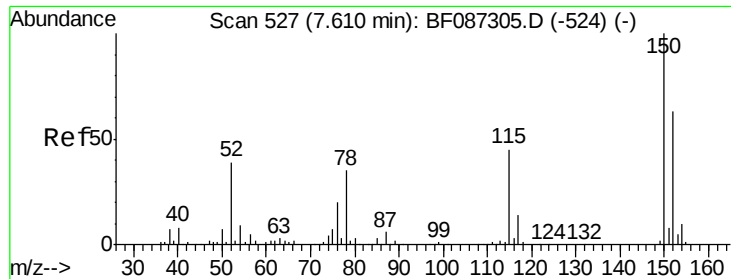
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

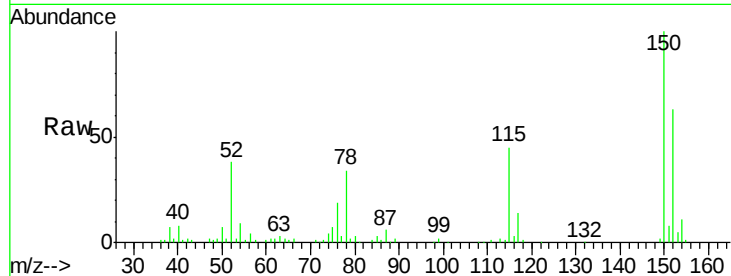
Tgt Ion:152 Resp: 109551

Ion Ratio Lower Upper

152 100

150 157.8 125.8 188.6

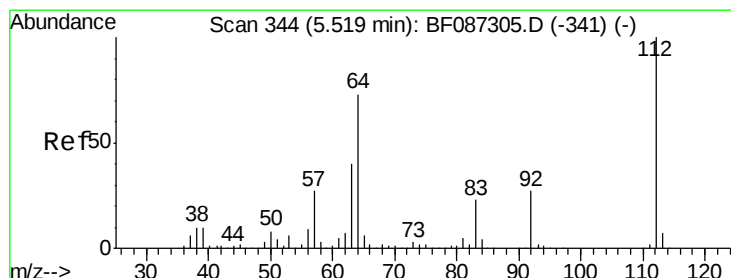
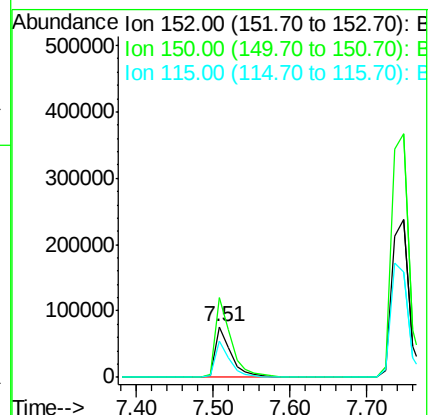
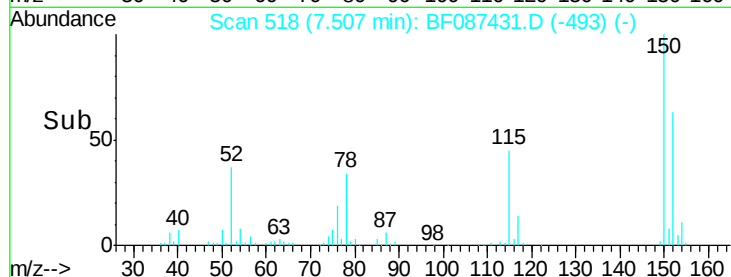
115 70.2 51.5 77.3



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

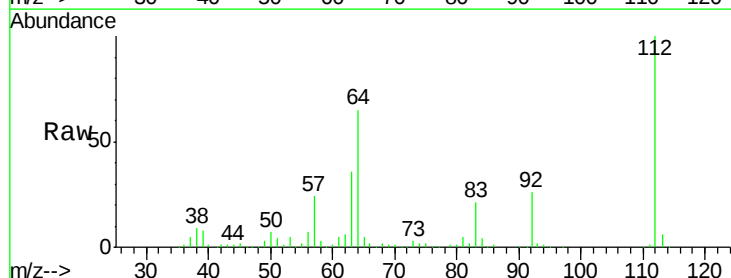
Tgt Ion:112 Resp: 809444

Ion Ratio Lower Upper

112 100

64 64.6 52.1 78.1

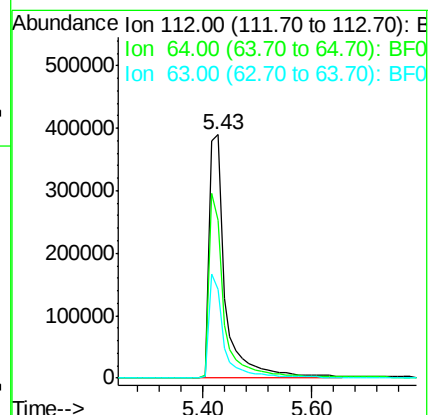
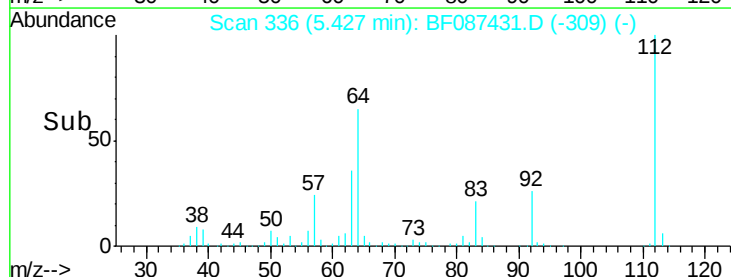
63 36.4 25.7 38.5

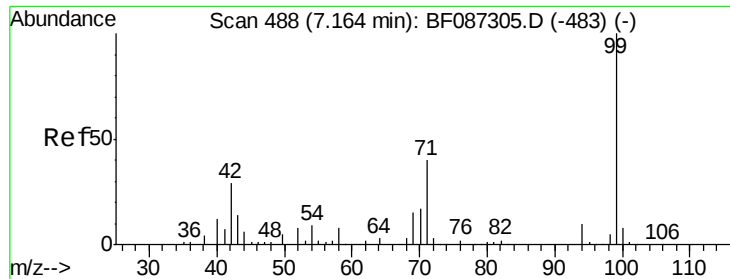


Abundance Ion 112.00 (111.70 to 112.70): E

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

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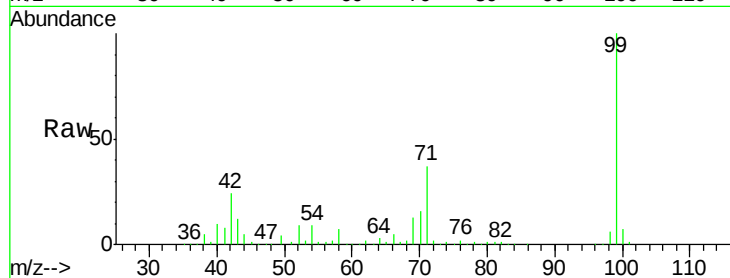
Tgt Ion: 99 Resp: 1024639

Ion Ratio Lower Upper

99 100

42 24.3 13.6 20.4#

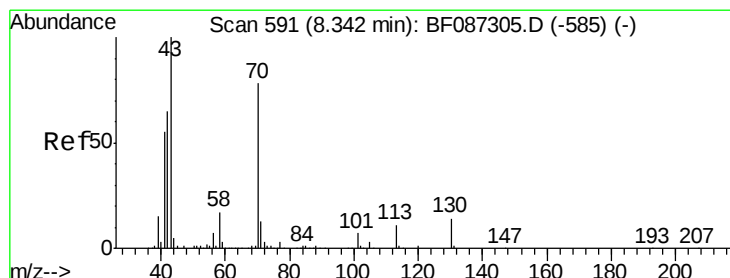
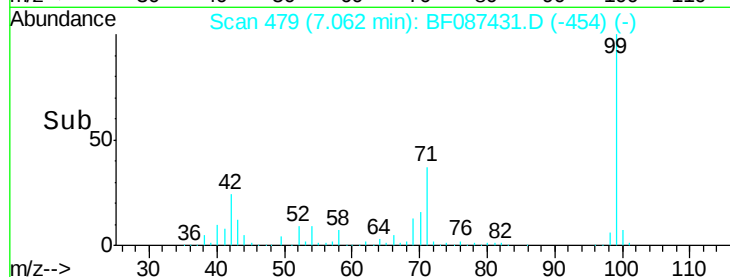
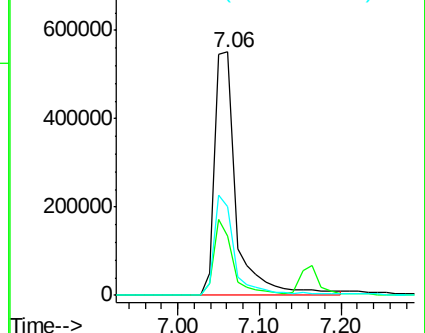
71 36.6 24.6 36.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.58 ng

RT: 8.42 min Scan# 598

Delta R.T. 0.17 min

Lab File: BF087431.D

Acq: 27 May 2016 5:06

Tgt Ion: 70 Resp: 91601

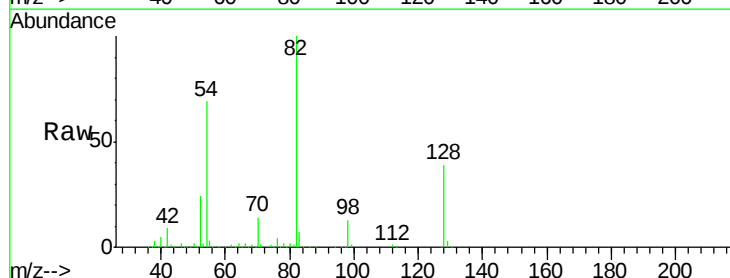
Ion Ratio Lower Upper

70 100

42 65.2 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

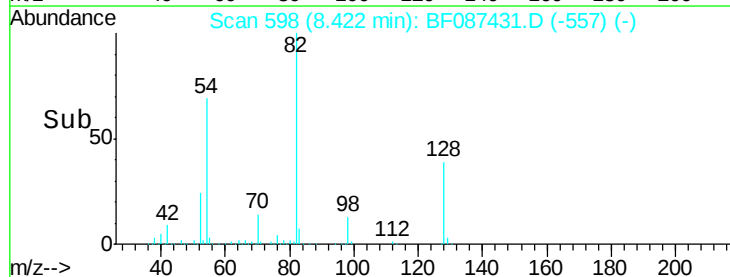
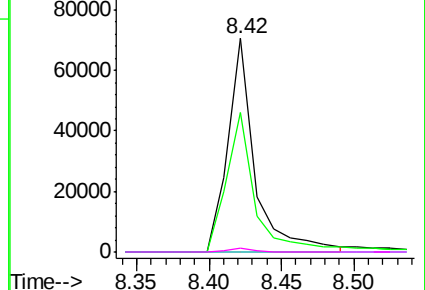


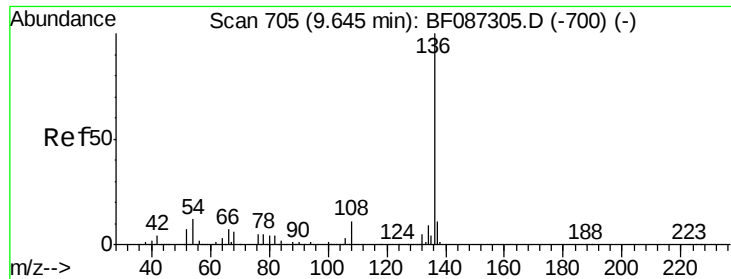
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

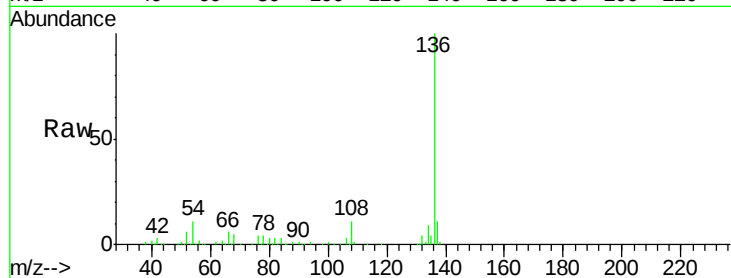




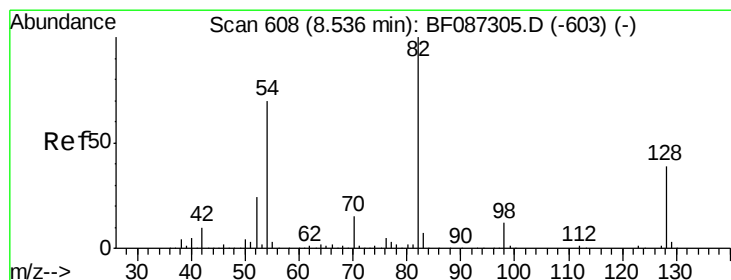
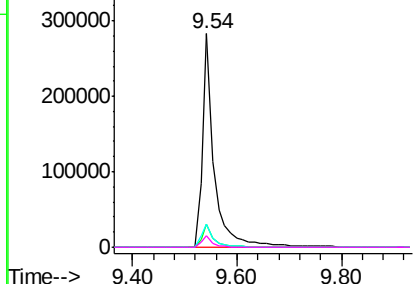
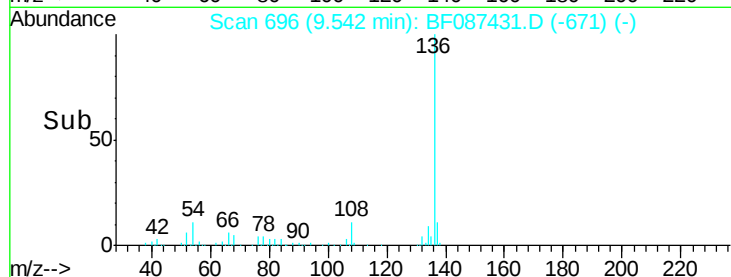
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF087431.D
Acq: 27 May 2016 5:06

Instrument :
BNA_F
ClientSampleId :
PB90847BL

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

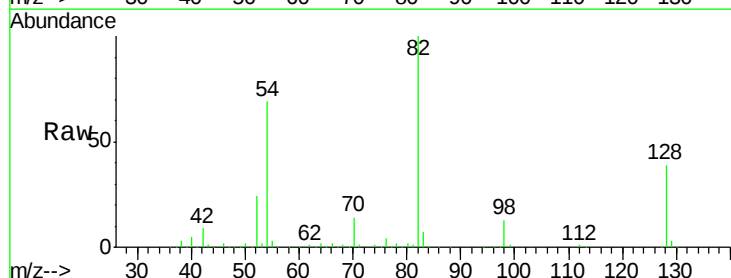


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

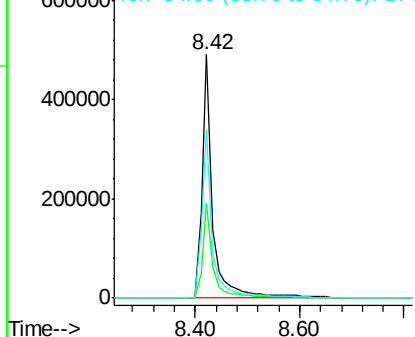
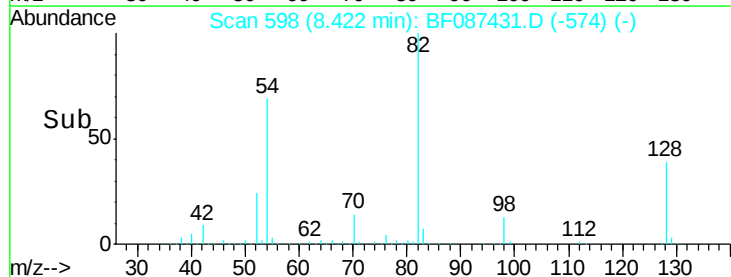


#23
Nitrobenzene-d5
Concen: 80.37 ng
RT: 8.42 min Scan# 598
Delta R.T. -0.02 min
Lab File: BF087431.D
Acq: 27 May 2016 5:06

Tgt Ion:	82	Resp:	704987
Ion	Ratio	Lower	Upper
82	100		
128	39.3	40.6	61.0#
54	68.8	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: 12.36 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF087431.D

Acq: 27 May 2016 5:06

Instrument :

BNA_F

ClientSampleId :

PB90847BL

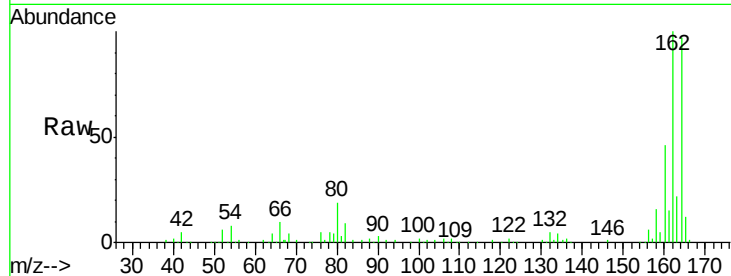
Tgt Ion:164 Resp: 207916

Ion Ratio Lower Upper

164 100

162 102.7 82.8 124.2

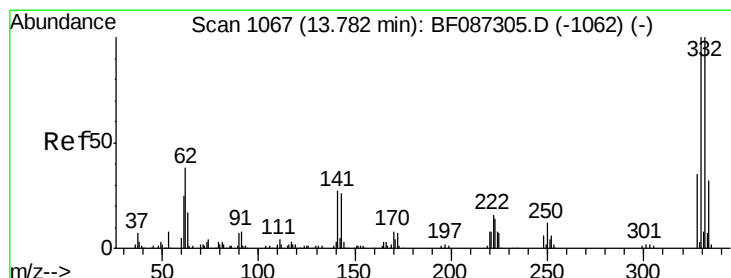
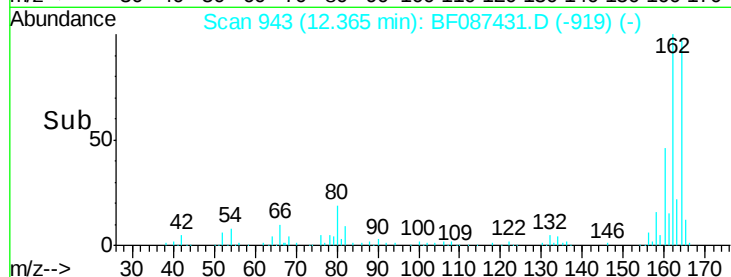
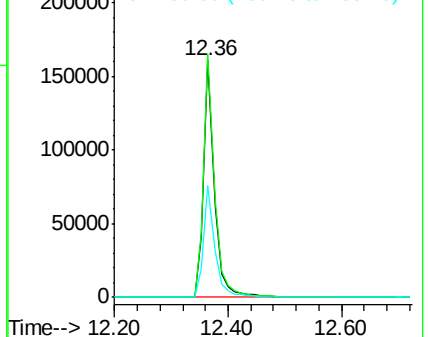
160 47.2 36.9 55.3



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: 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

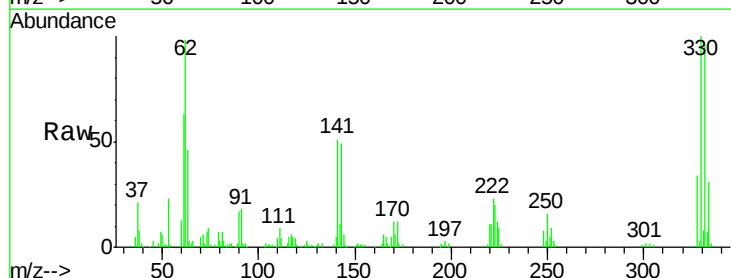
Tgt Ion:330 Resp: 225181

Ion Ratio Lower Upper

330 100

332 96.0 79.0 118.4

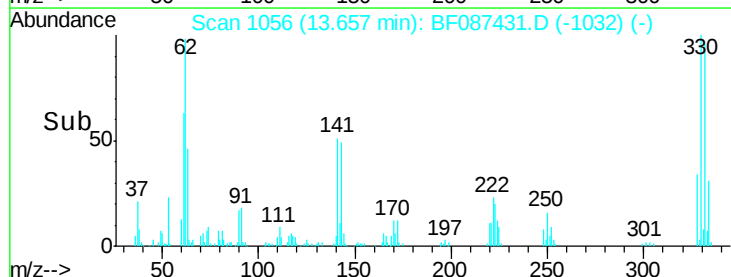
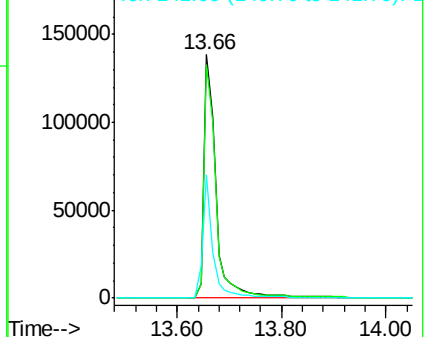
141 44.1 31.2 46.8

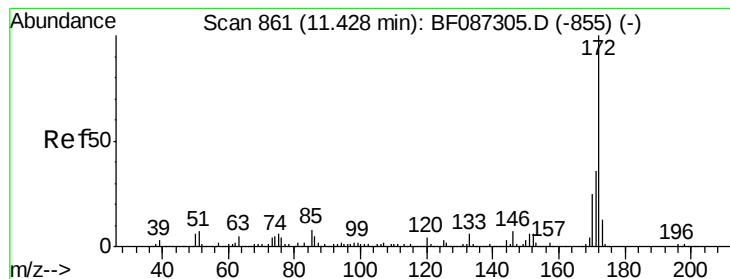


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

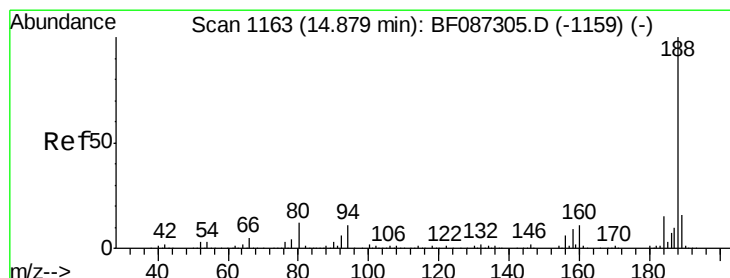
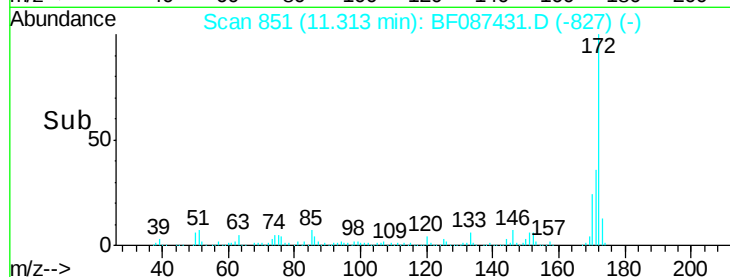
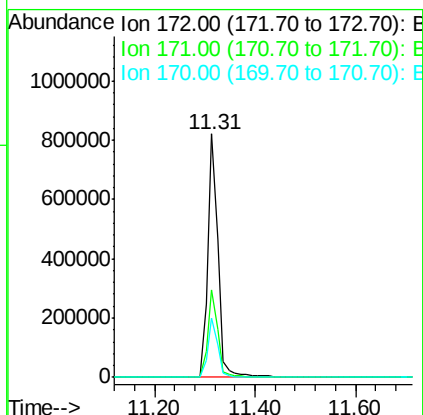
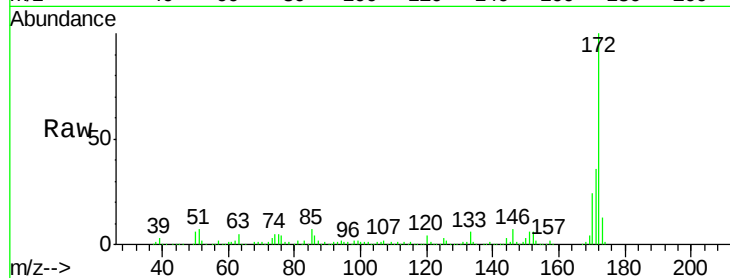




#44
 2-Fluorobiphenyl
 Concen: 78.25 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BF087431.D
 Acq: 27 May 2016 5:06

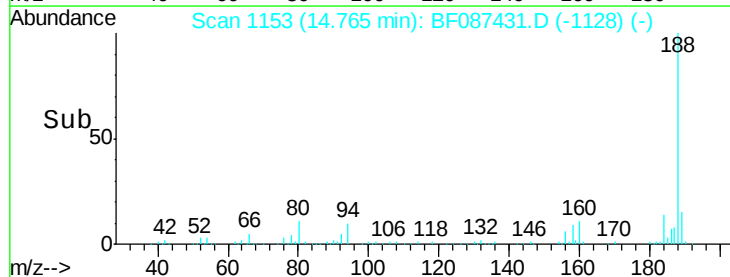
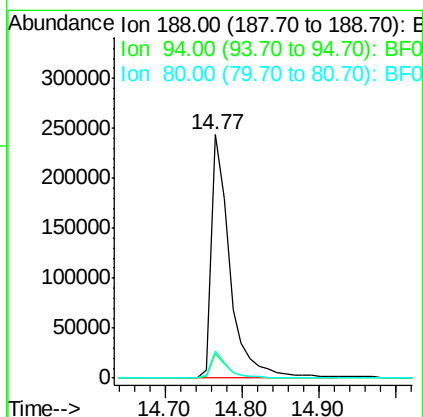
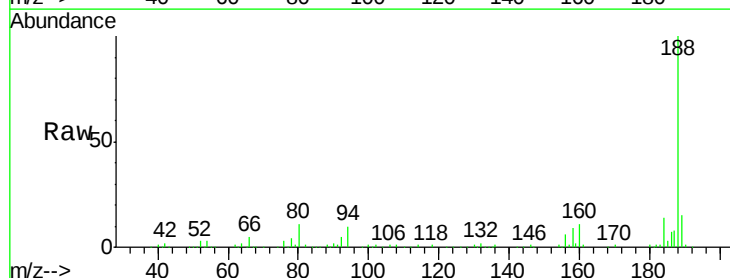
Instrument :
 BNA_F
 ClientSampleId :
 PB90847BL

Tgt Ion:172 Resp: 1153985
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 24.2 19.8 29.8



#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

Tgt 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

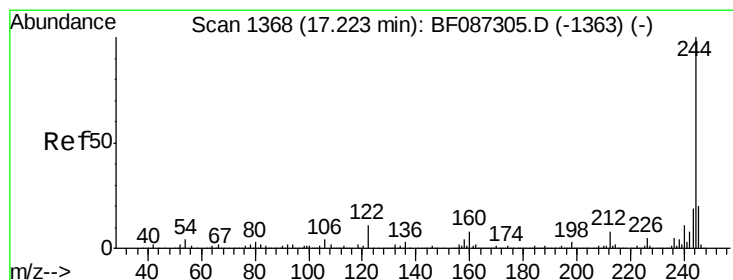
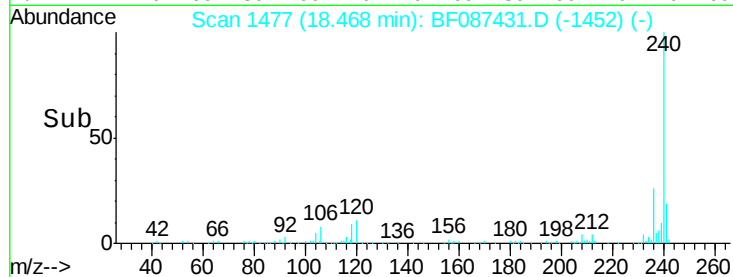
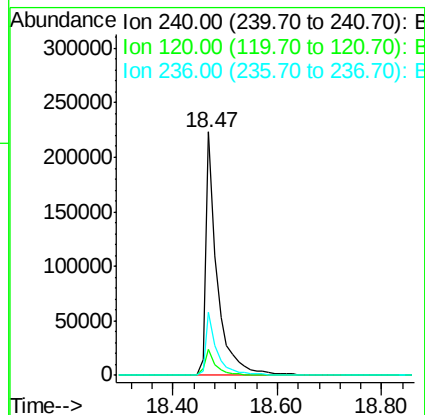
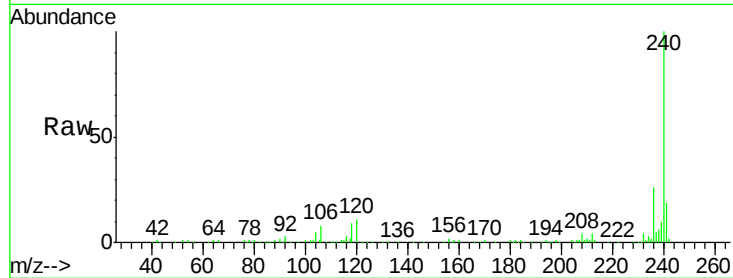
Instrument :

BNA_F

ClientSampleId :

PB90847BL

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

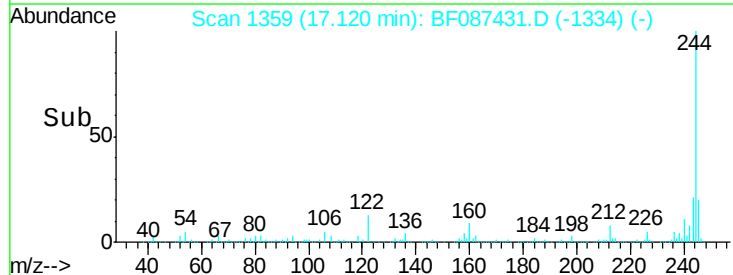
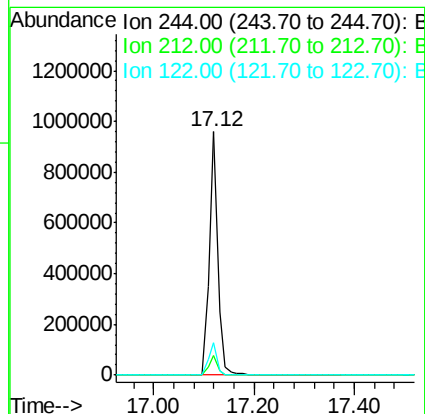
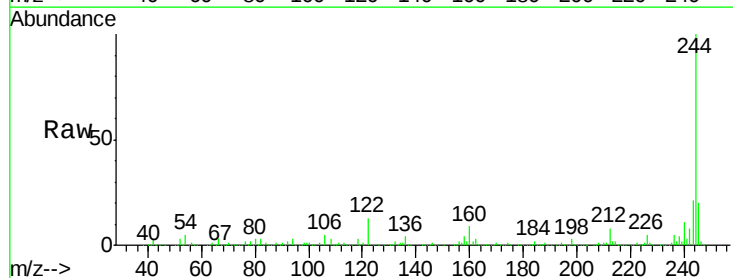
RT: 17.12 min Scan# 1359

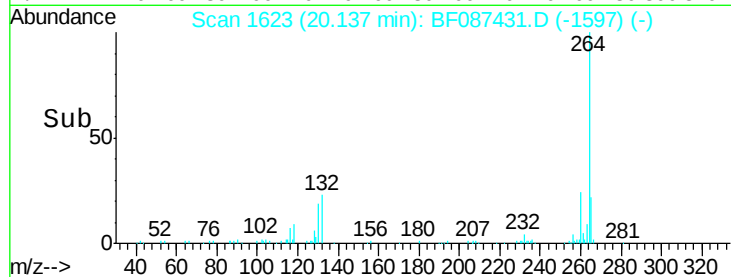
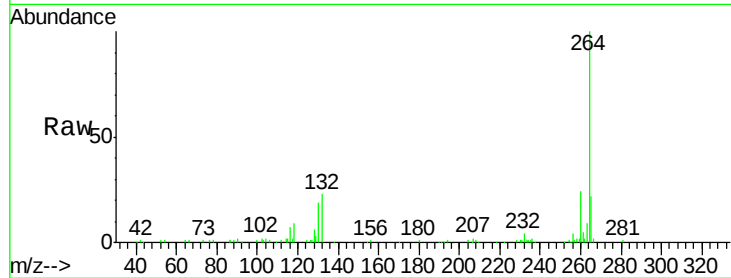
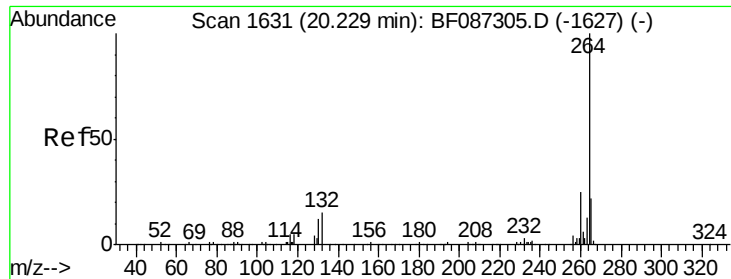
Delta R.T. -0.01 min

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Tgt Ion:	244	Resp:	1121621
Ion Ratio	Lower	Upper	
244	100		
212	8.1	6.2	9.2
122	13.1	12.0	18.0





#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

Instrument :

BNA_F

ClientSampleId :

PB90847BL

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

