

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087029.D
 Acq On : 14 May 2016 19:39
 Operator : UM/SJ
 Sample : PB90466BL
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BL

Quant Time: May 16 04:45:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

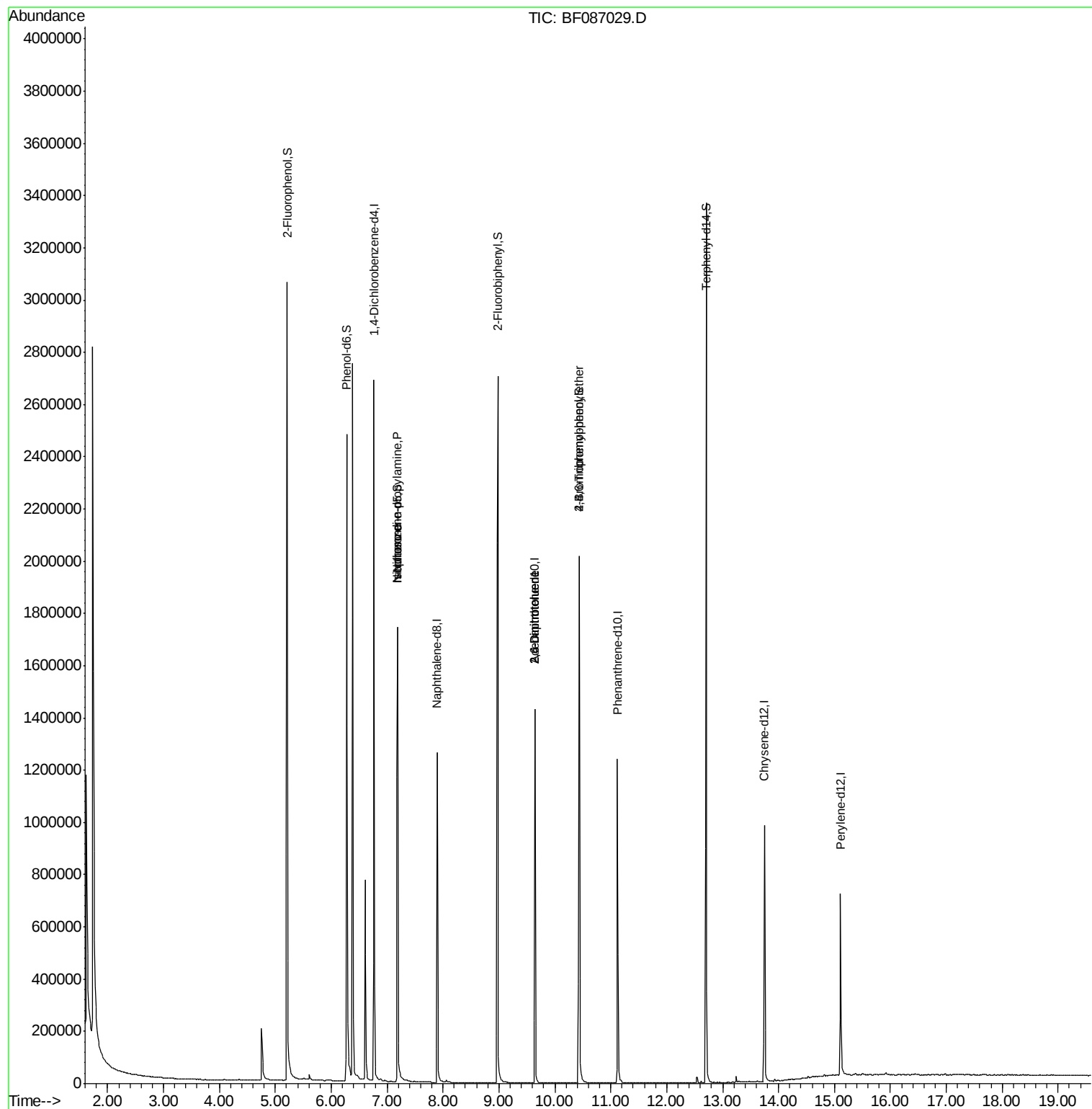
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	355485	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	562576	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	273336	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	500737	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	340780	20.00	ng	-0.09
86) Perylene-d12	15.11	264	299806	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	794192	37.84	ng	-0.08
7) Phenol-d6	6.27	99	956764	34.10	ng	-0.09
23) Nitrobenzene-d5	7.19	82	711596	63.51	ng	-0.08
41) 2,4,6-Tribromophenol	10.43	330	217536	75.18	ng	-0.09
44) 2-Fluorobiphenyl	8.98	172	1163067	71.51	ng	-0.08
78) Terphenyl-d14	12.71	244	983363	61.22	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	97609	4.98	ng	# 78
25) Isophorone	7.19	82	698115	33.58	ng	# 68
50) 2,6-Dinitrotoluene	9.64	165	34901	7.95	ng	# 20
56) 2,4-Dinitrotoluene	9.64	165	34901	6.43	ng	# 16
66) 4-Bromophenyl-phenylether	10.43	248	13962	2.75	ng	# 1

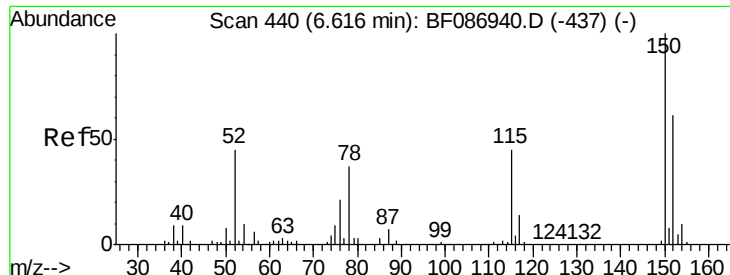
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
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Operator : UM/SJ
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Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90466BL

Quant Time: May 16 04:45:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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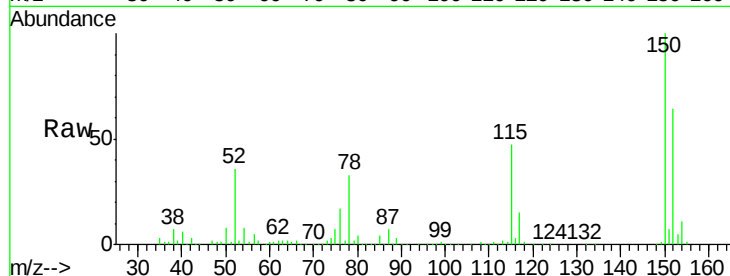


#1

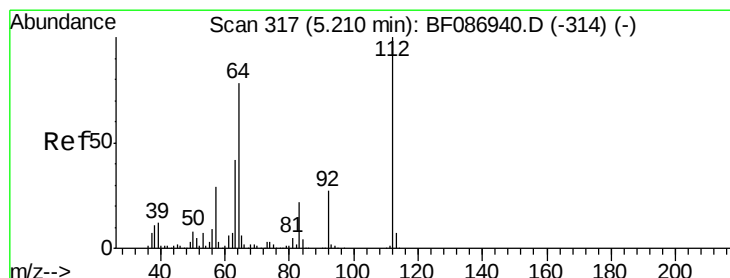
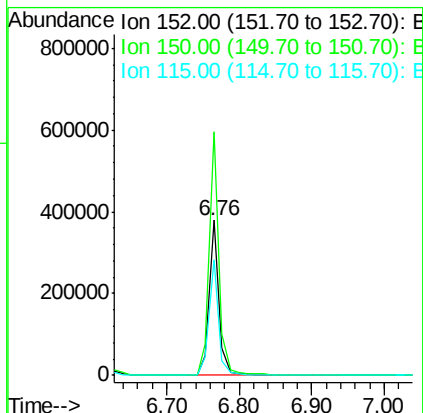
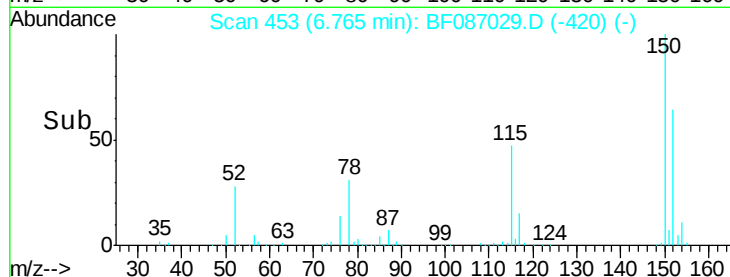
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.07 min
Lab File: BF087029.D
Acq: 14 May 2016 19:39

Instrument :
BNA_F
ClientSampleId :
PB90466BL

Tgt Ion:152 Resp: 355485
Ion Ratio Lower Upper
152 100
150 156.9 125.8 188.6
115 74.4 51.5 77.3



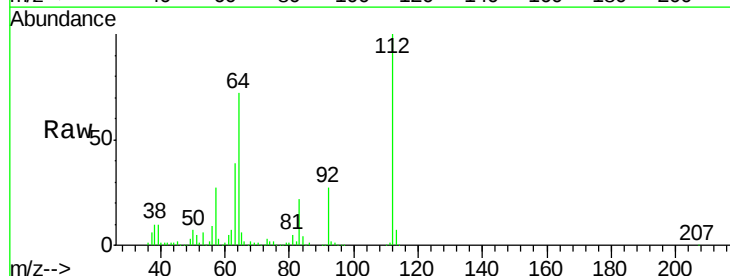
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



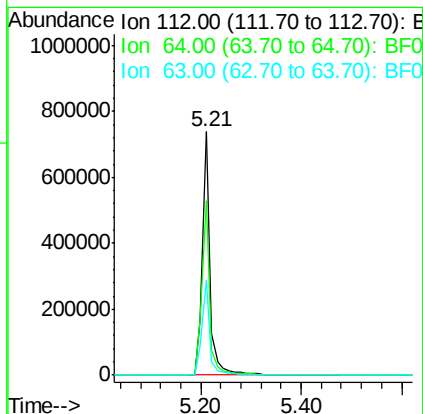
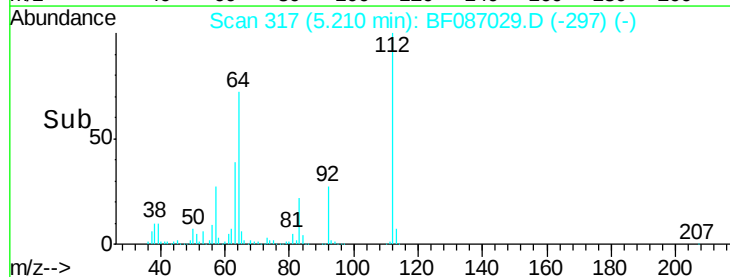
#5

2-Fluorophenol
Concen: 37.84 ng
RT: 5.21 min Scan# 317
Delta R.T. -0.08 min
Lab File: BF087029.D
Acq: 14 May 2016 19:39

Tgt Ion:112 Resp: 794192
Ion Ratio Lower Upper
112 100
64 71.8 52.1 78.1
63 39.0 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: 34.10 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.09 min

Lab File: BF087029.D

Acq: 14 May 2016 19:39

Instrument :

BNA_F

ClientSampleId :

PB90466BL

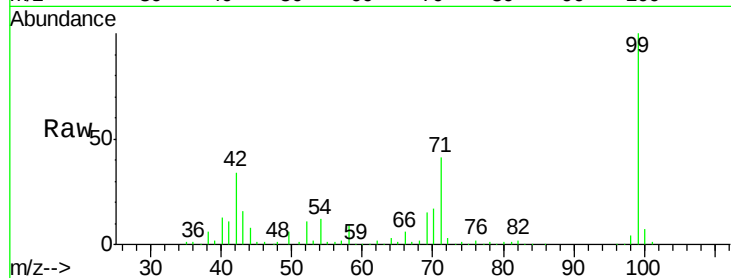
Tgt Ion: 99 Resp: 956764

Ion Ratio Lower Upper

99 100

42 33.6 13.6 20.4#

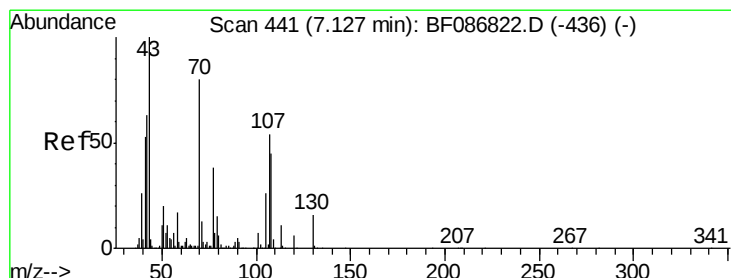
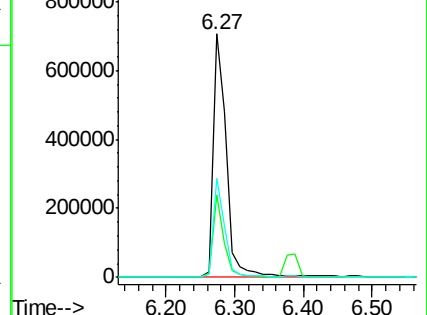
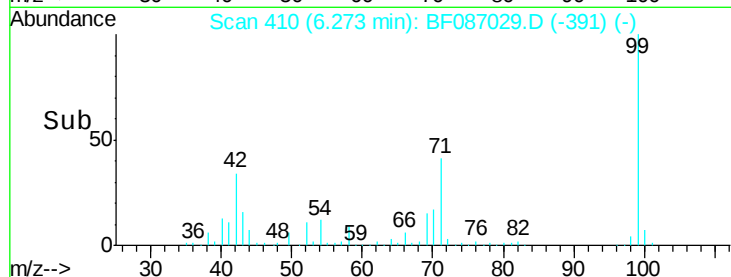
71 40.6 24.6 36.8#



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: 4.98 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.06 min

Lab File: BF087029.D

Acq: 14 May 2016 19:39

Tgt Ion: 70 Resp: 97609

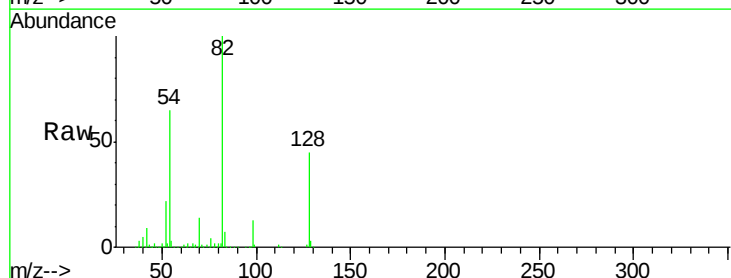
Ion Ratio Lower Upper

70 100

42 62.7 43.1 64.7

101 0.0 8.1 12.1#

130 1.9 18.6 28.0#

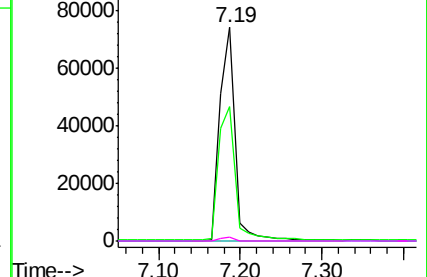
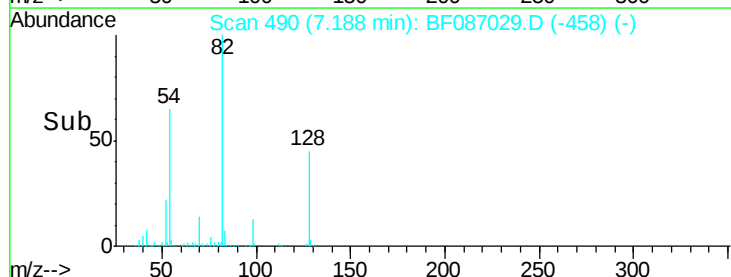


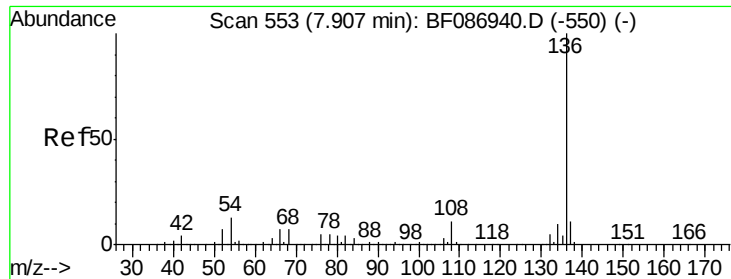
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

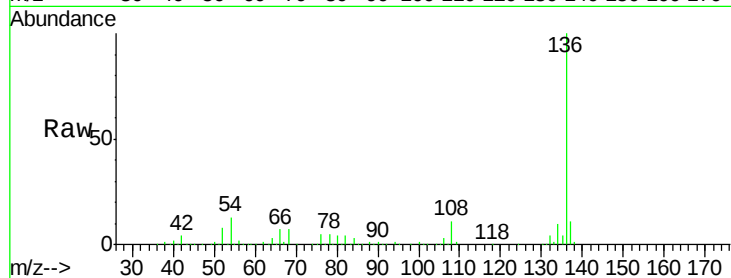




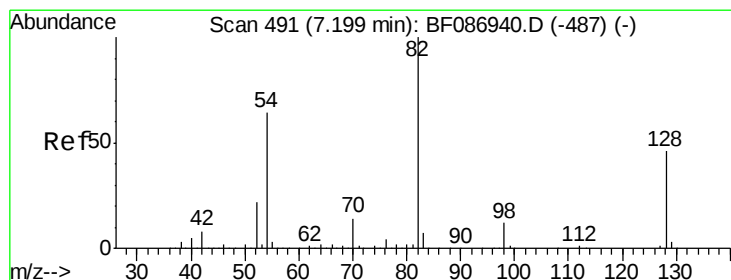
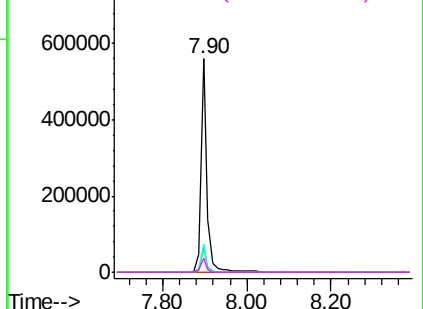
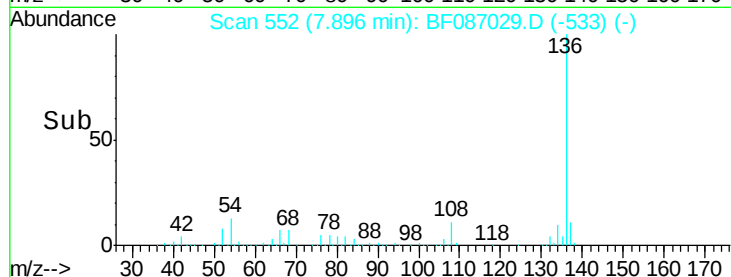
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087029.D
Acq: 14 May 2016 19:39

Instrument :
BNA_F
ClientSampleId :
PB90466BL

Tgt Ion:	136	Resp:	562576
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	13.2	5.0	7.4#
68	6.9	4.4	6.6#

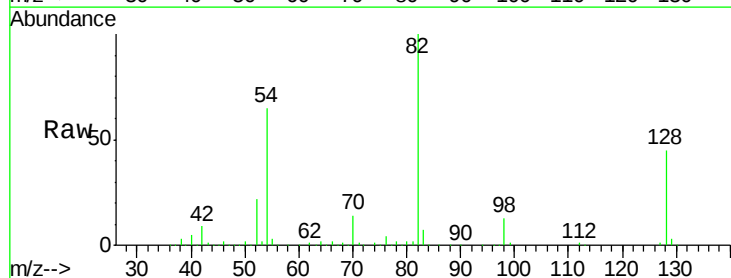


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

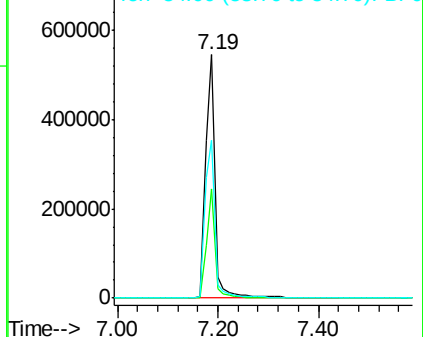
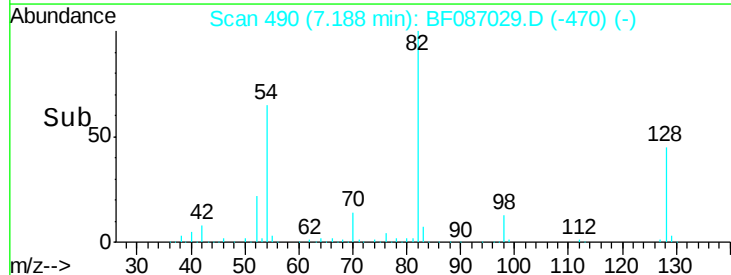


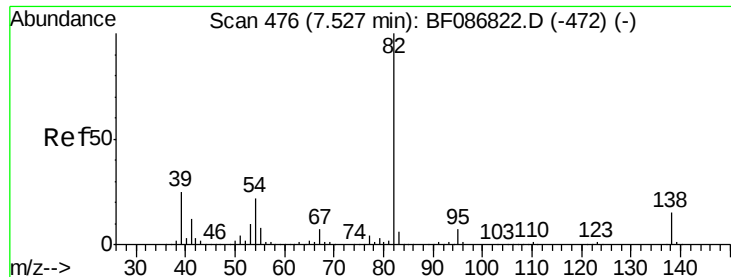
#23
Nitrobenzene-d5
Concen: 63.51 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087029.D
Acq: 14 May 2016 19:39

Tgt Ion:	82	Resp:	711596
Ion	Ratio	Lower	Upper
82	100		
128	45.1	40.6	61.0
54	64.6	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

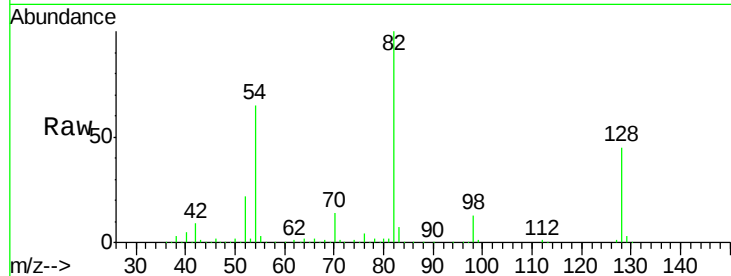




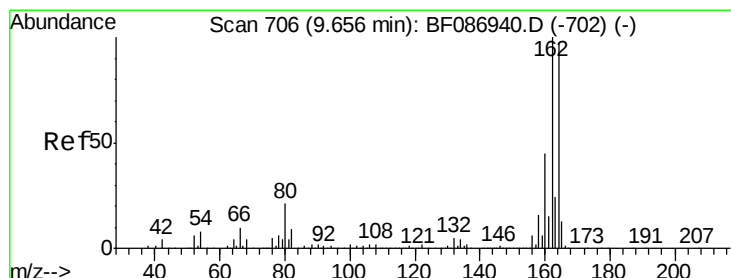
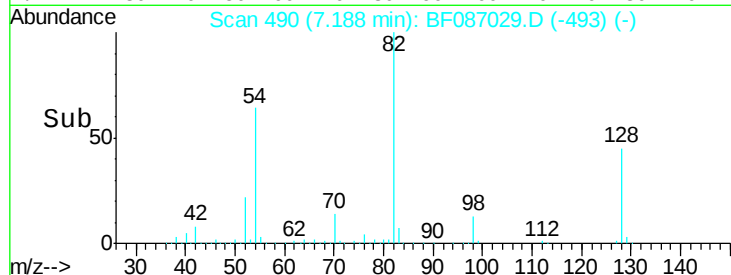
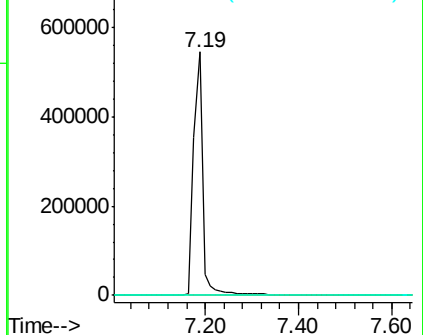
#25
Isophorone
Concen: 33.58 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.34 min
Lab File: BF087029.D
Acq: 14 May 2016 19:39

Instrument :
BNA_F
ClientSampleId :
PB90466BL

Tgt Ion: 82 Resp: 698115
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.4 18.6#

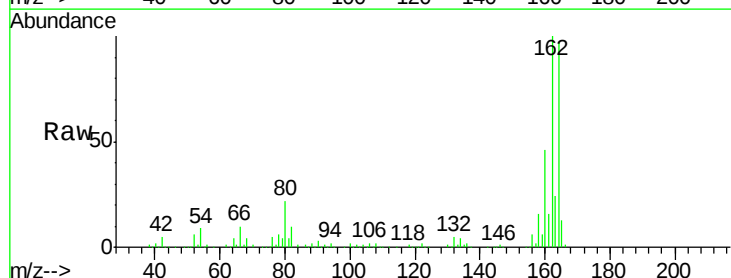


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

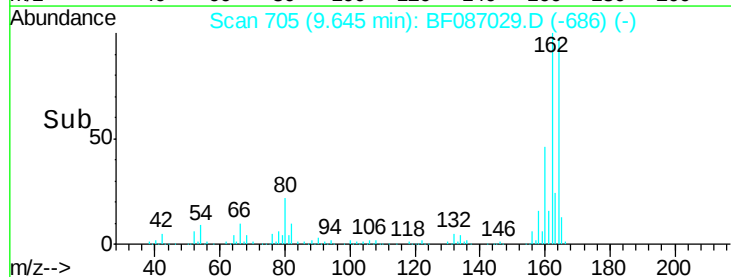
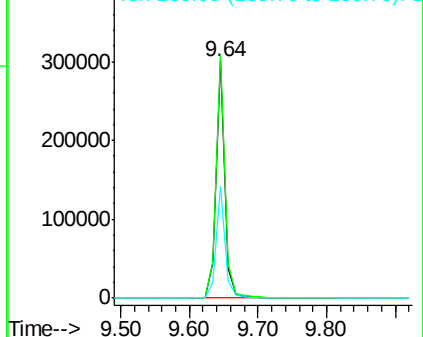


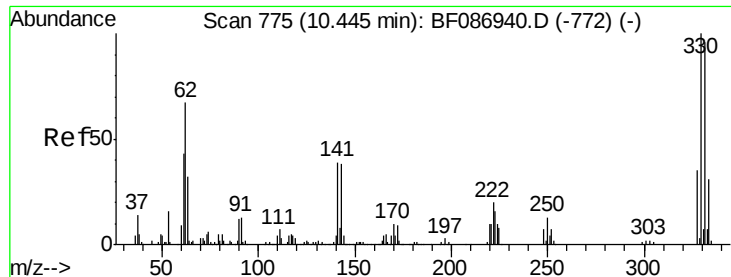
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.09 min
Lab File: BF087029.D
Acq: 14 May 2016 19:39

Tgt Ion: 164 Resp: 273336
Ion Ratio Lower Upper
164 100
162 102.7 82.8 124.2
160 46.9 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

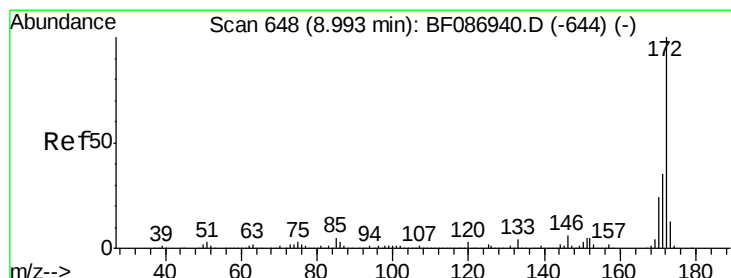
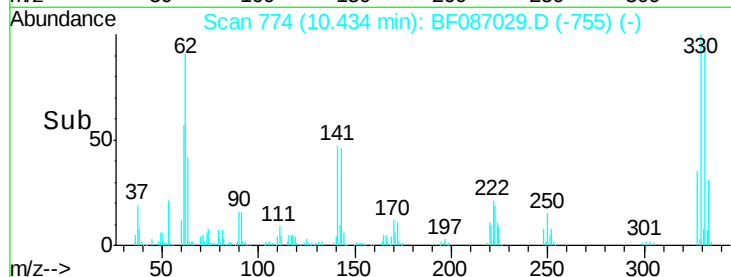
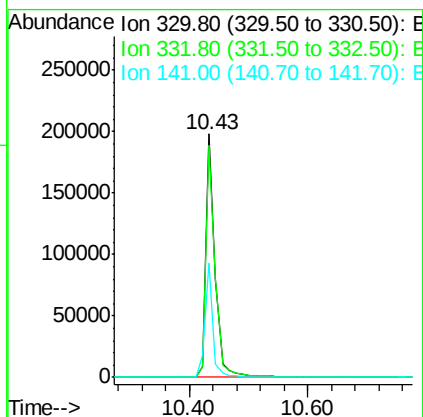
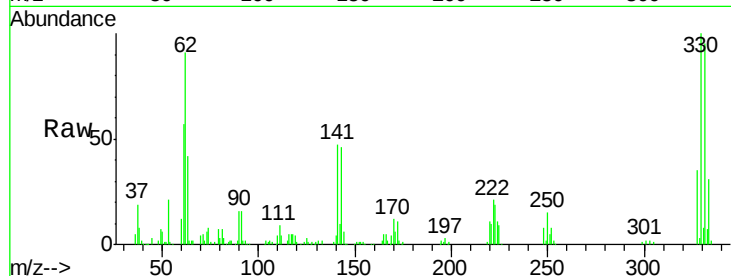




#41
 2,4,6-Tribromophenol
 Concen: 75.18 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.09 min
 Lab File: BF087029.D
 Acq: 14 May 2016 19:39

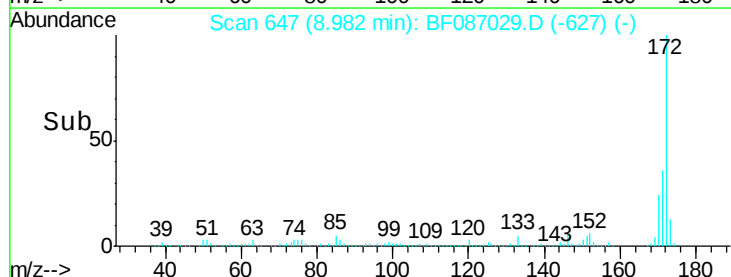
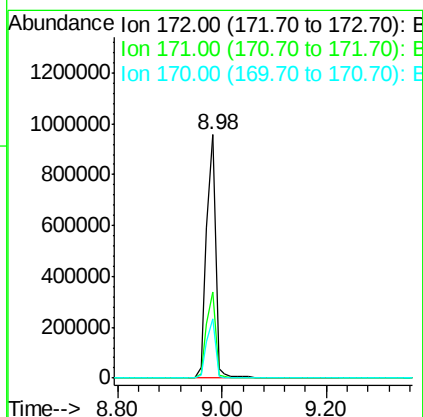
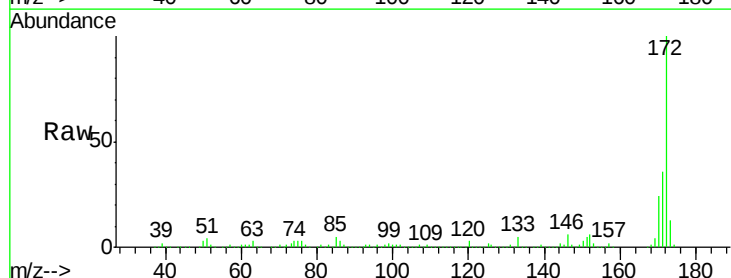
Instrument :
 BNA_F
 ClientSampled :
 PB90466BL

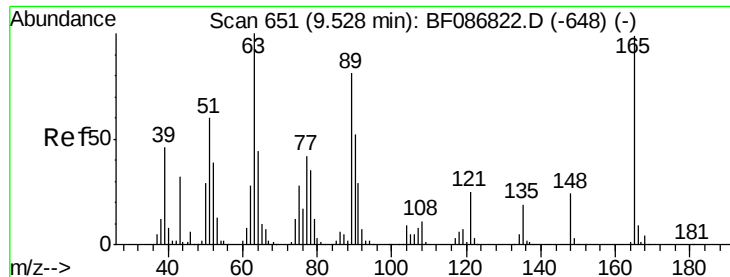
Tgt Ion:330 Resp: 217536
 Ion Ratio Lower Upper
 330 100
 332 96.5 79.0 118.4
 141 41.3 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 71.51 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087029.D
 Acq: 14 May 2016 19:39

Tgt Ion:172 Resp: 1163067
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 24.1 19.8 29.8





#50

2,6-Dinitrotoluene

Concen: 7.95 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.12 min

Lab File: BF087029.D

Acq: 14 May 2016 19:39

Instrument :

BNA_F

ClientSampleId :

PB90466BL

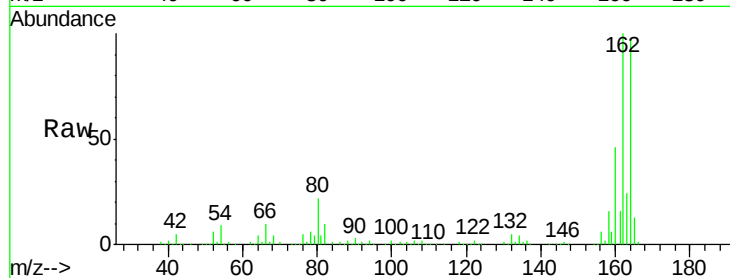
Tgt Ion:165 Resp: 34901

Ion Ratio Lower Upper

165 100

63 1.6 51.8 77.8#

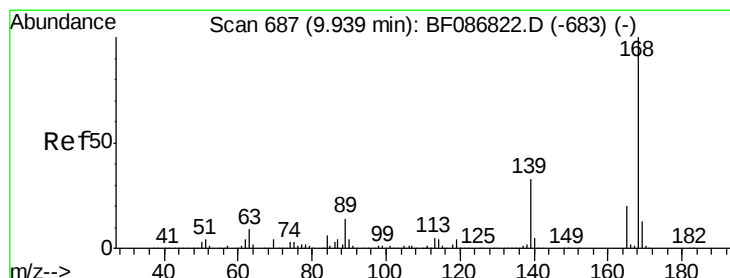
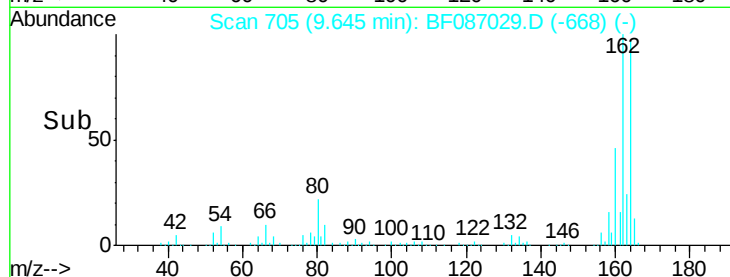
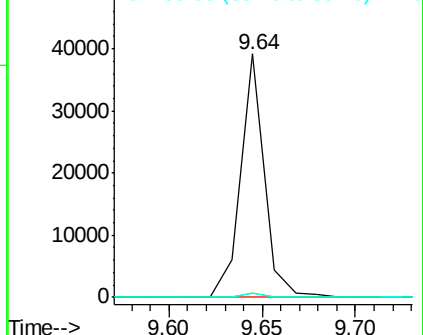
89 1.8 50.7 76.1#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.43 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.29 min

Lab File: BF087029.D

Acq: 14 May 2016 19:39

Tgt Ion:165 Resp: 34901

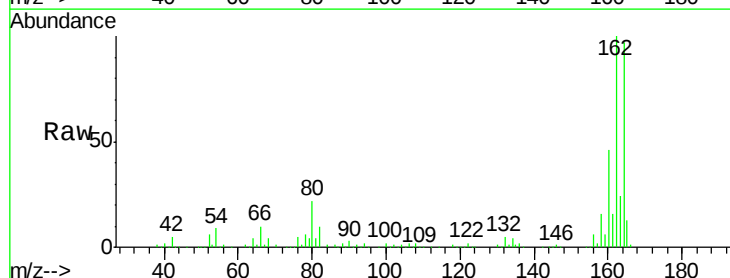
Ion Ratio Lower Upper

165 100

63 1.6 44.3 66.5#

89 1.8 70.0 105.0#

182 0.0 1.8 2.6#

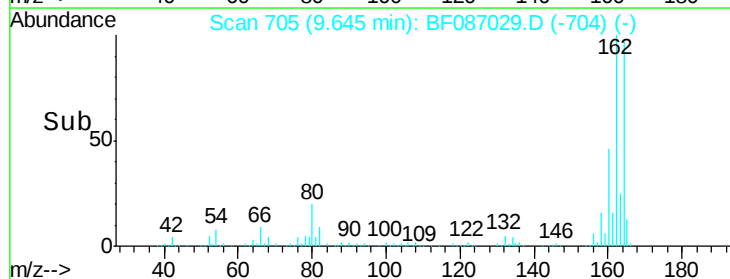
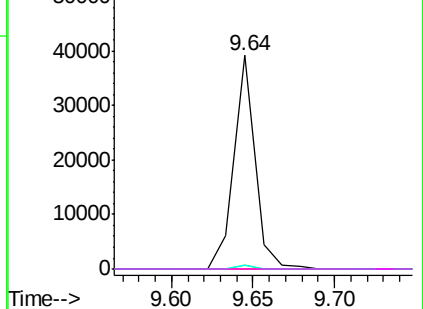


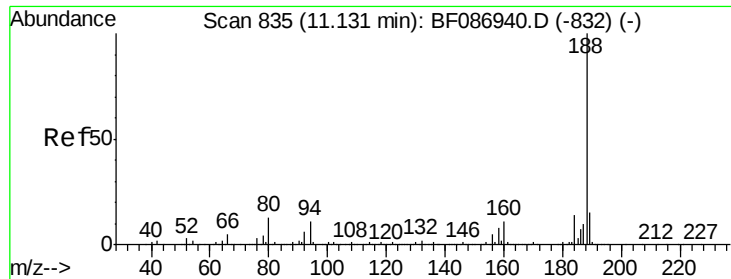
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

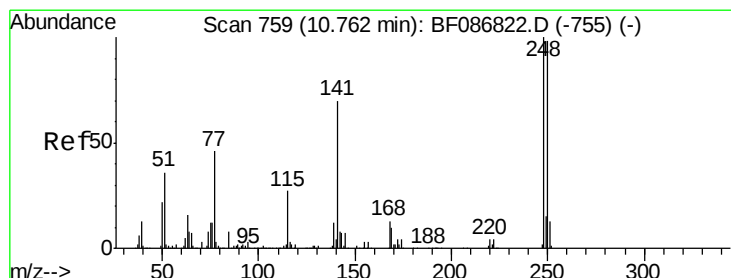
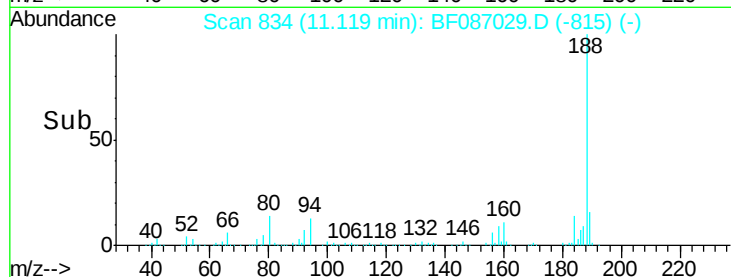
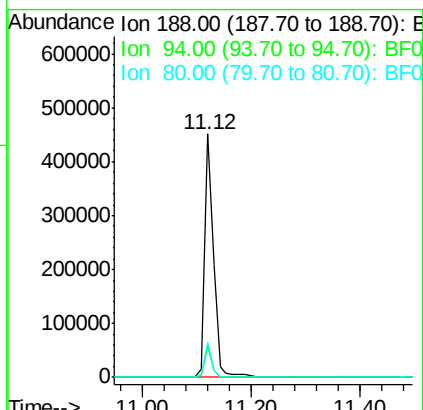
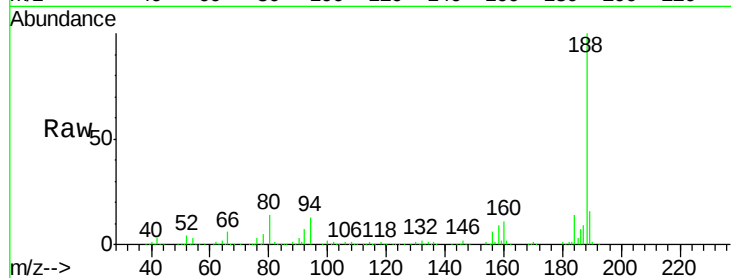




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.09 min
Lab File: BF087029.D
Acq: 14 May 2016 19:39

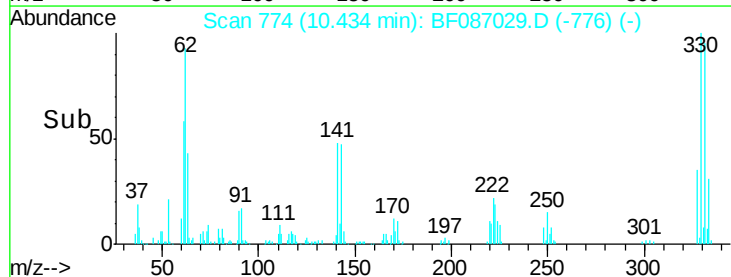
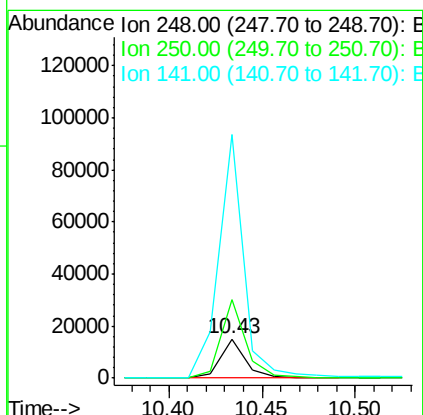
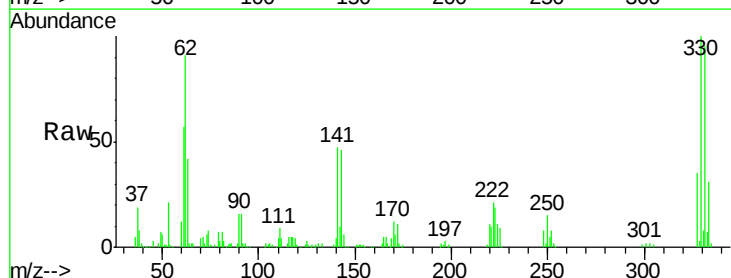
Instrument :
BNA_F
ClientSampleId :
PB90466BL

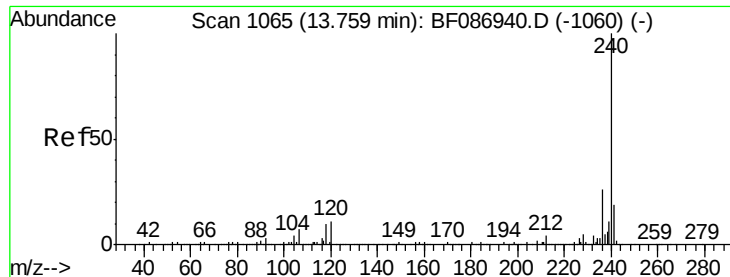
Tgt Ion:188 Resp: 500737
Ion Ratio Lower Upper
188 100
94 12.7 6.8 10.2#
80 14.3 7.1 10.7#



#66
4-Bromophenyl-phenylether
Concen: 2.75 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.33 min
Lab File: BF087029.D
Acq: 14 May 2016 19:39

Tgt Ion:248 Resp: 13962
Ion Ratio Lower Upper
248 100
250 199.0 78.6 117.8#
141 620.4 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.09 min

Lab File: BF087029.D

Acq: 14 May 2016 19:39

Instrument :

BNA_F

ClientSampleId :

PB90466BL

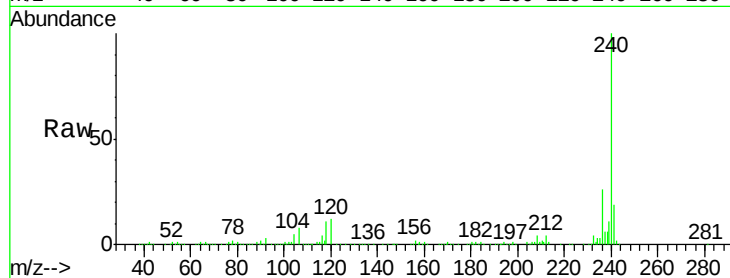
Tgt Ion:240 Resp: 340780

Ion Ratio Lower Upper

240 100

120 12.5 11.2 16.8

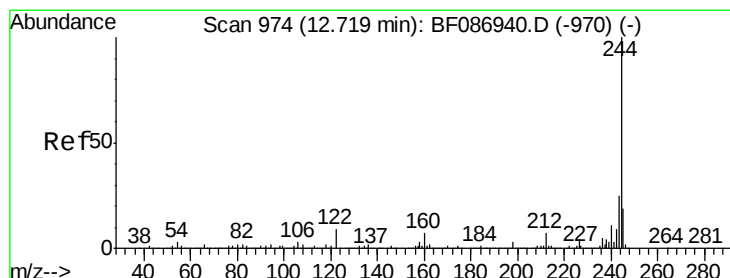
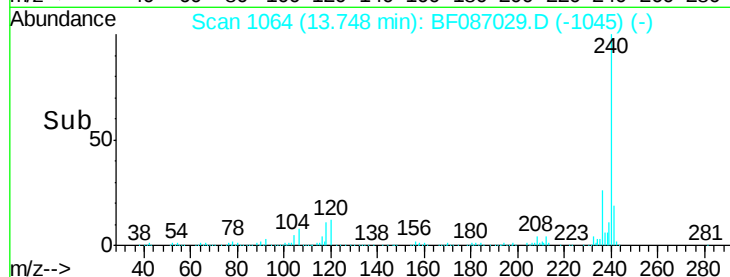
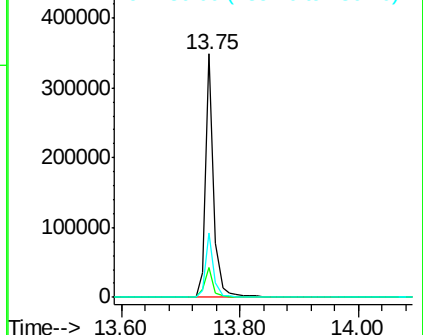
236 26.2 21.2 31.8



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: 61.22 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087029.D

Acq: 14 May 2016 19:39

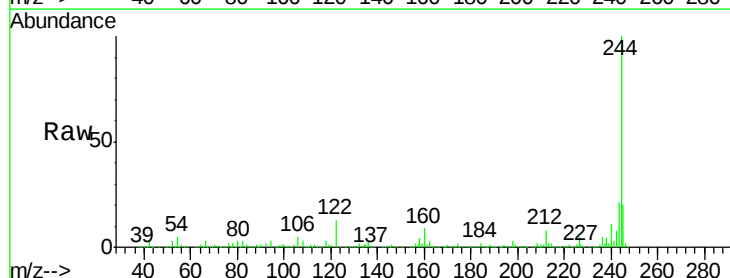
Tgt Ion:244 Resp: 983363

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

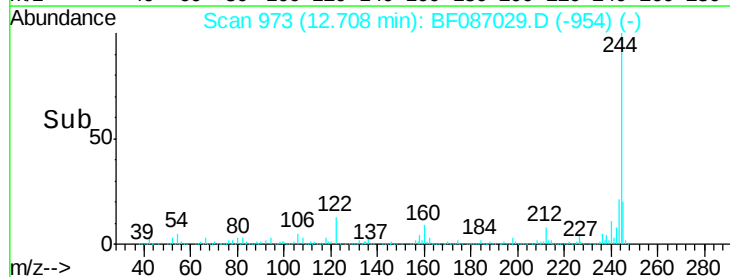
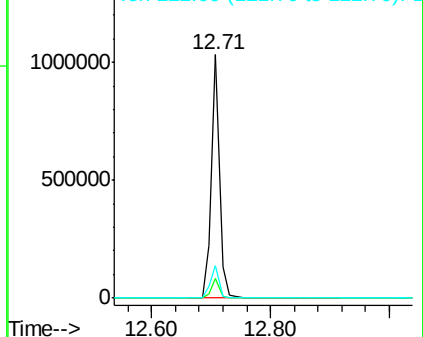
122 13.4 12.0 18.0

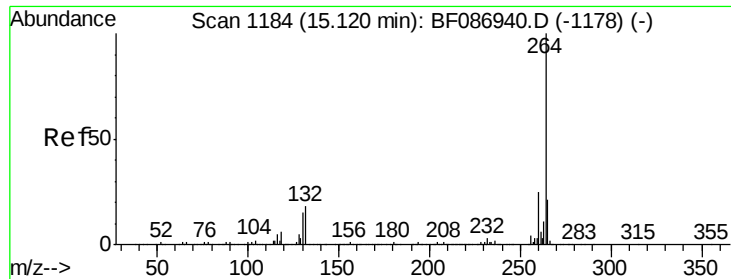


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183
Delta R.T. -0.10 min
Lab File: BF087029.D
Acq: 14 May 2016 19:39

Instrument :
BNA_F
ClientSampleId :
PB90466BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.0	17.3	25.9

