

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087034.D
 Acq On : 14 May 2016 22:06
 Operator : UM/SJ
 Sample : PB90419TB
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90419TB

Quant Time: May 16 04:46:45 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

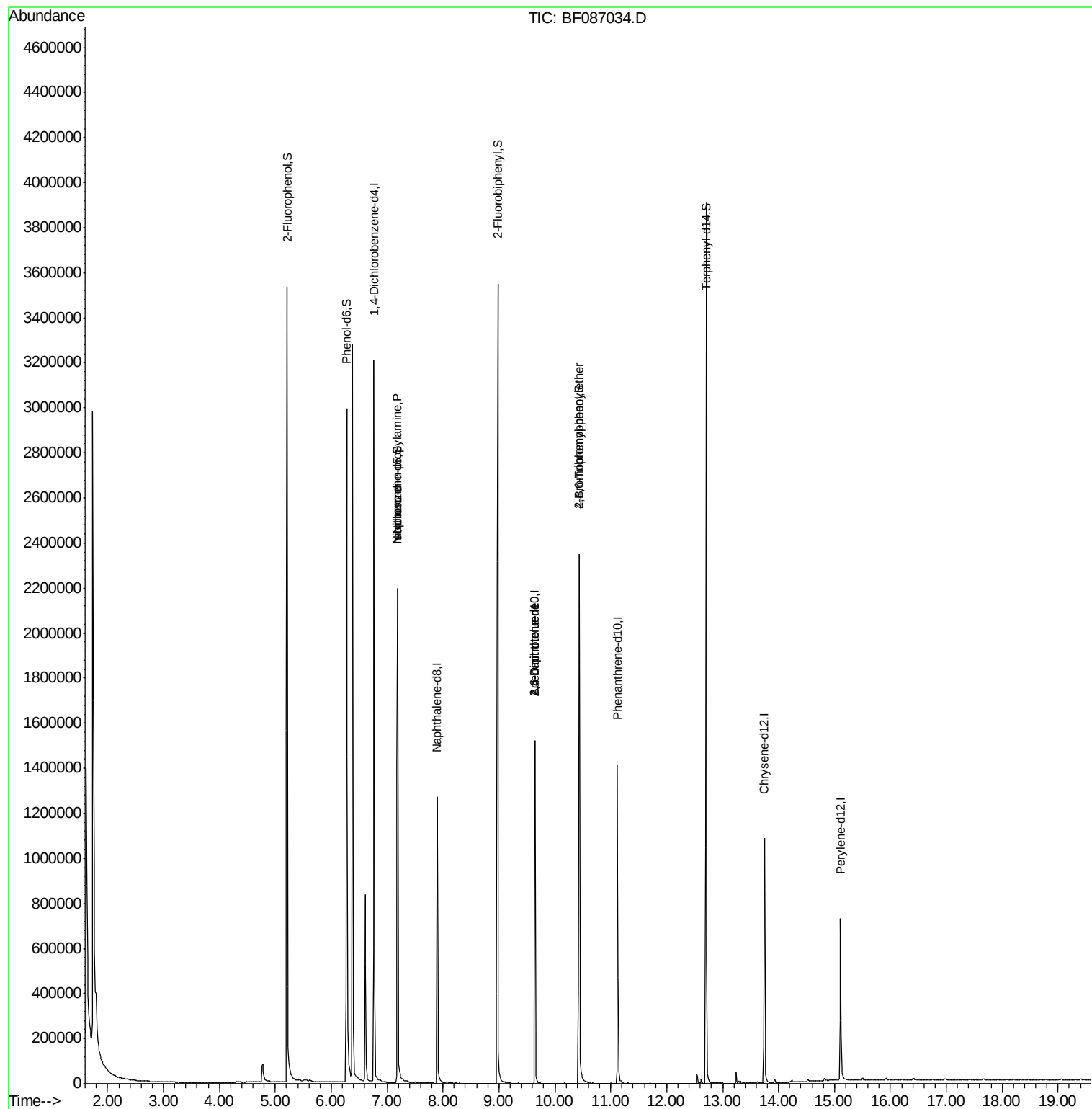
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	423042	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	600512	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	296704	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	546652	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	381032	20.00	ng	-0.09
86) Perylene-d12	15.11	264	325250	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	985668	39.46	ng	-0.08
7) Phenol-d6	6.27	99	1149599	34.43	ng	-0.09
23) Nitrobenzene-d5	7.19	82	879028	73.50	ng	-0.08
41) 2,4,6-Tribromophenol	10.43	330	270752	86.20	ng	-0.09
44) 2-Fluorobiphenyl	8.98	172	1452080	82.25	ng	-0.08
78) Terphenyl-d14	12.71	244	1172754	65.30	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	122561	5.25	ng	# 76
25) Isophorone	7.19	82	861010	38.80	ng	# 68
50) 2,6-Dinitrotoluene	9.64	165	37806	7.94	ng	# 20
56) 2,4-Dinitrotoluene	9.64	165	37808	6.41	ng	# 16
66) 4-Bromophenyl-phenylether	10.43	248	16824	3.04	ng	# 1

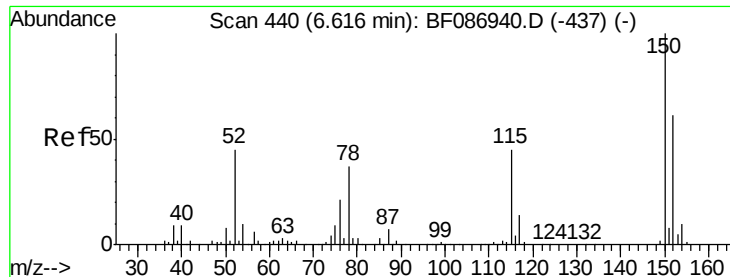
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.07 min

Lab File: BF087034.D

Acq: 14 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

PB90419TB

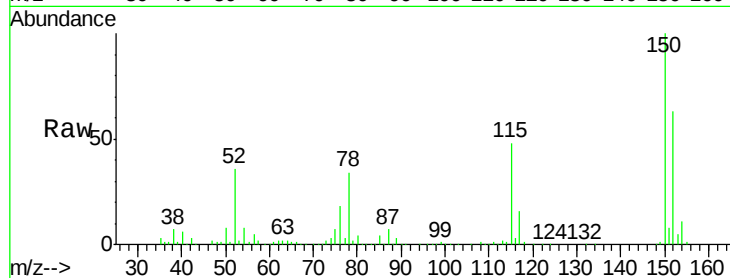
Tgt Ion:152 Resp: 423042

Ion Ratio Lower Upper

152 100

150 158.4 125.8 188.6

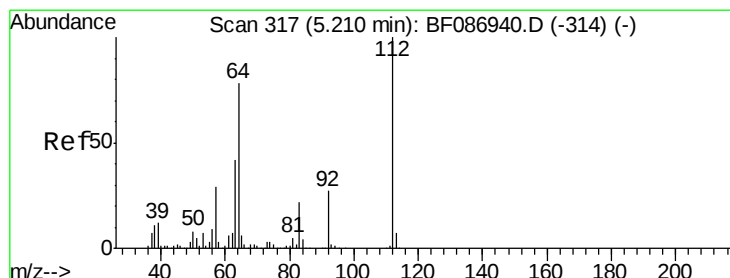
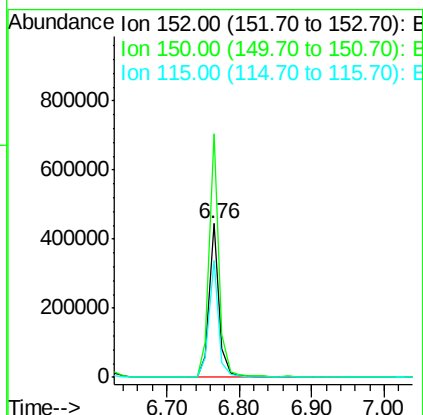
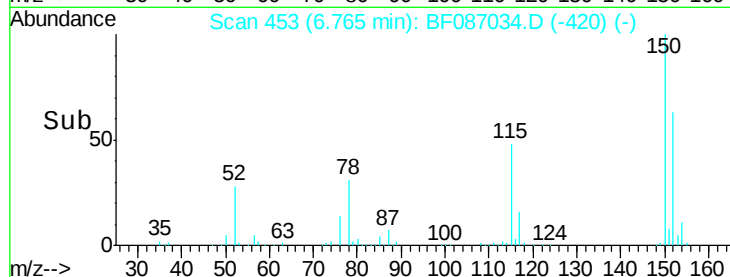
115 76.1 51.5 77.3



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: 39.46 ng

RT: 5.21 min Scan# 317

Delta R.T. -0.08 min

Lab File: BF087034.D

Acq: 14 May 2016 22:06

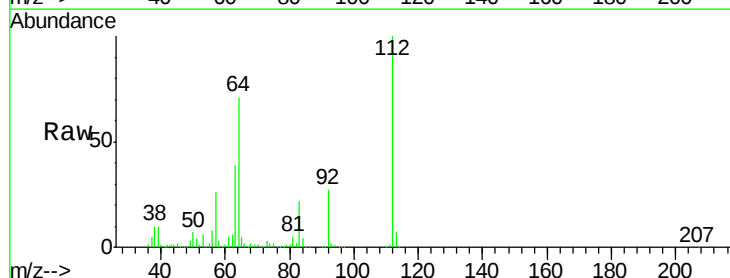
Tgt Ion:112 Resp: 985668

Ion Ratio Lower Upper

112 100

64 70.7 52.1 78.1

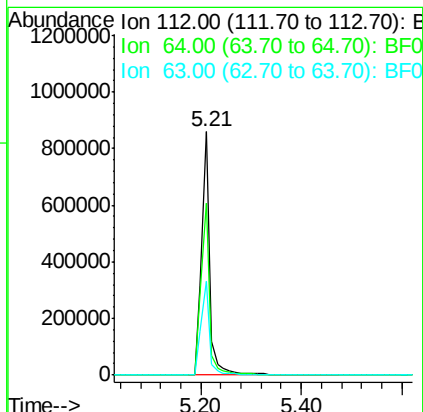
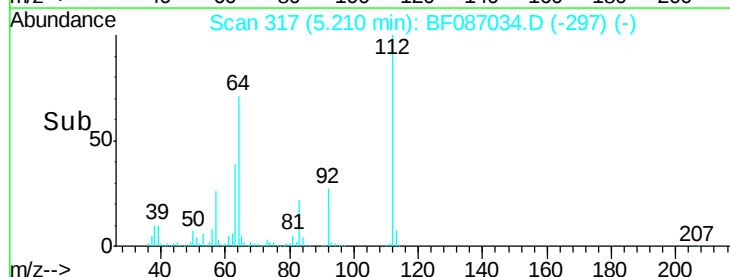
63 38.7 25.7 38.5



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: 34.43 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.09 min

Lab File: BF087034.D

Acq: 14 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

PB90419TB

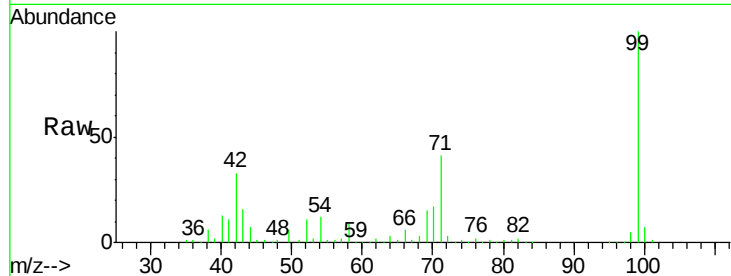
Tgt Ion: 99 Resp: 1149599

Ion Ratio Lower Upper

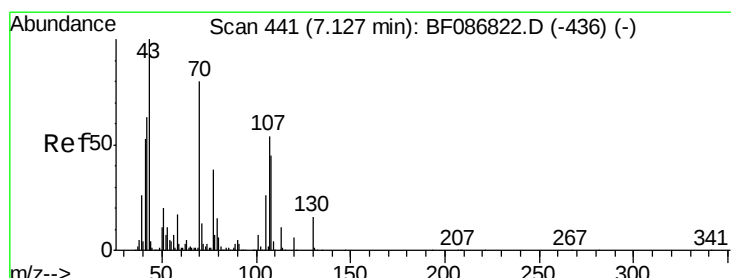
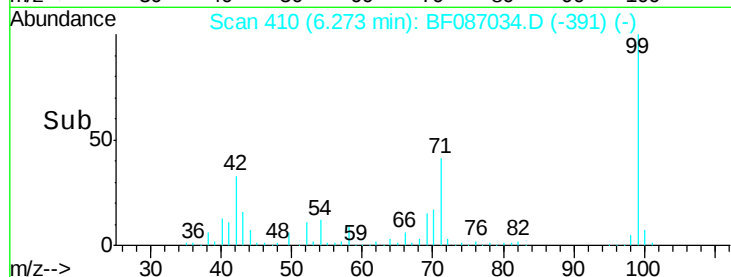
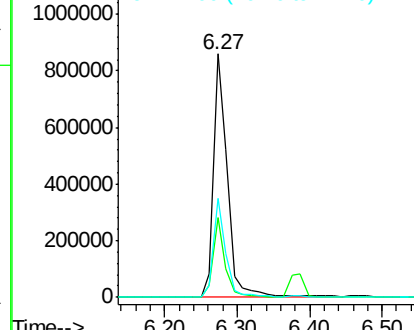
99 100

42 32.5 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: 5.25 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.06 min

Lab File: BF087034.D

Acq: 14 May 2016 22:06

Tgt Ion: 70 Resp: 122561

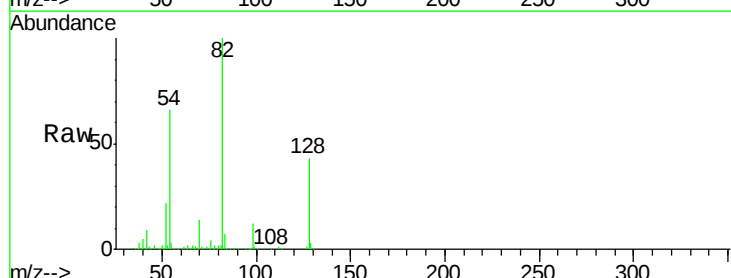
Ion Ratio Lower Upper

70 100

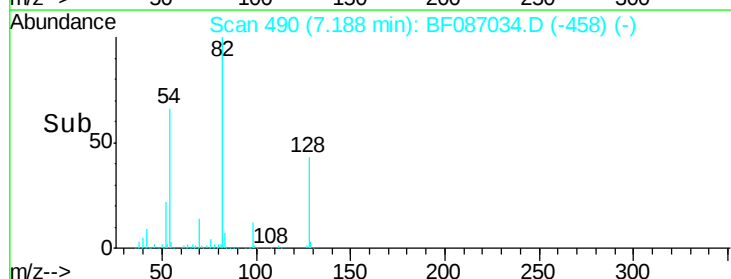
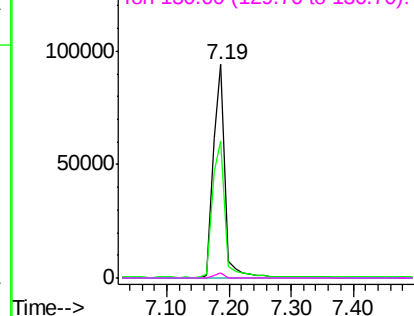
42 64.2 43.1 64.7

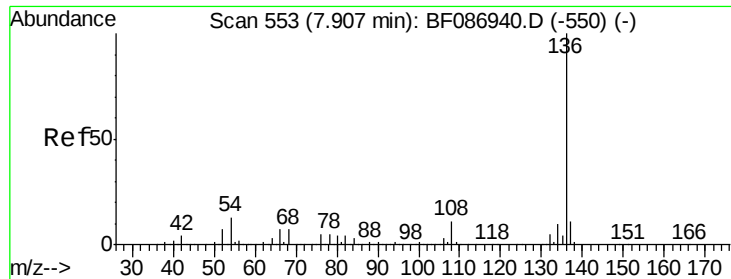
101 0.0 8.1 12.1#

130 2.1 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): E
Ion 130.00 (129.70 to 130.70): E

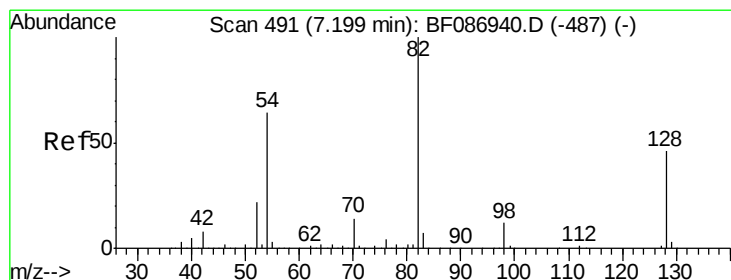
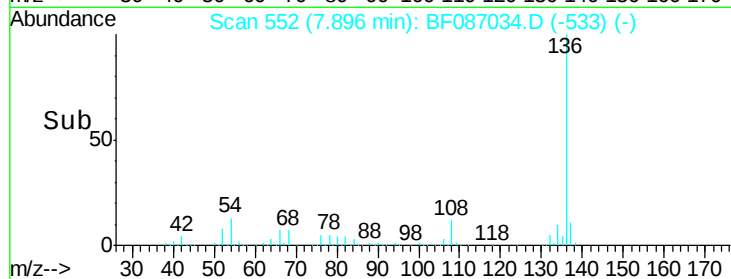
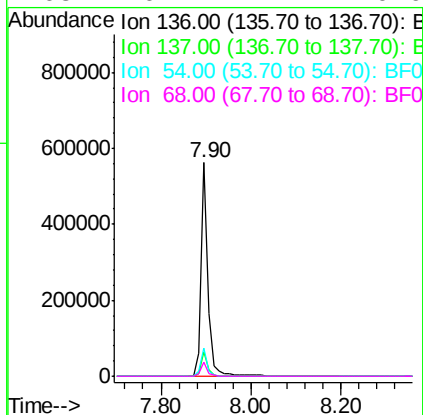
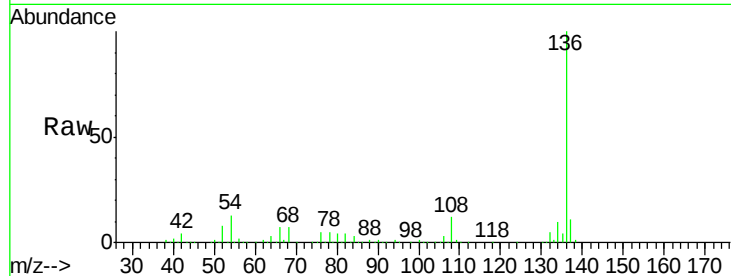




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087034.D
Acq: 14 May 2016 22:06

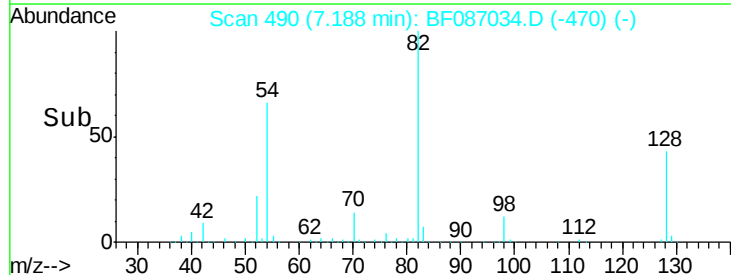
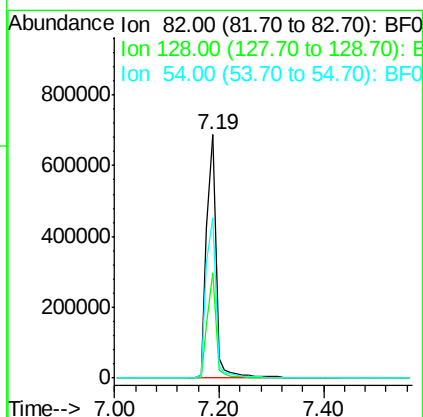
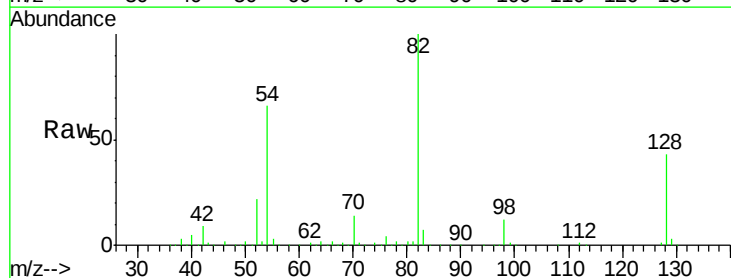
Instrument :
BNA_F
ClientSampleId :
PB90419TB

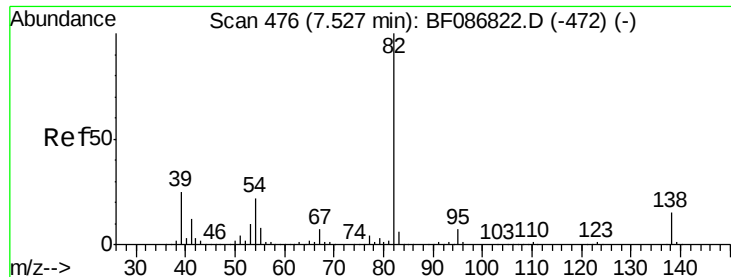
Tgt Ion:	136	Resp:	600512
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	13.1	5.0	7.4#
68	6.7	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 73.50 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087034.D
Acq: 14 May 2016 22:06

Tgt Ion:	82	Resp:	879028
Ion	Ratio	Lower	Upper
82	100		
128	43.3	40.6	61.0
54	65.8	38.1	57.1#





#25

Isophorone

Concen: 38.80 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.34 min

Lab File: BF087034.D

Acq: 14 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

PB90419TB

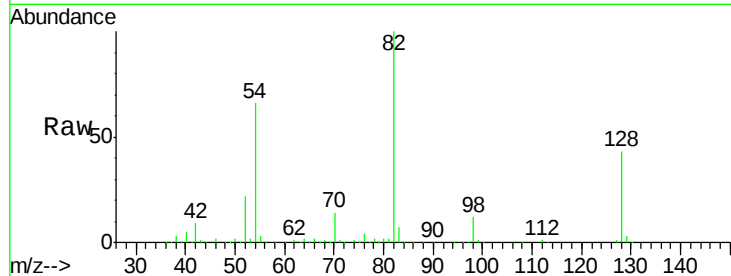
Tgt Ion: 82 Resp: 861010

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#

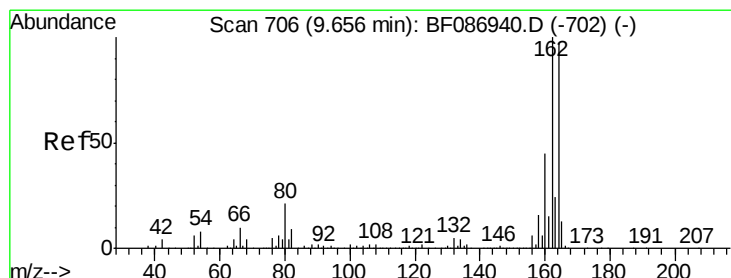
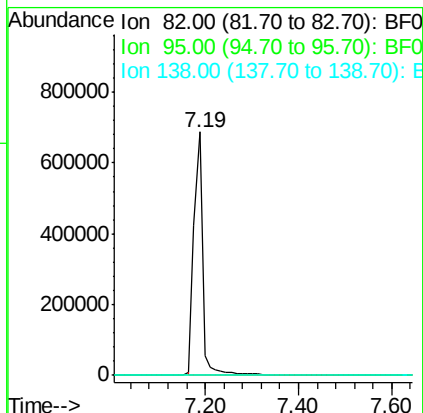
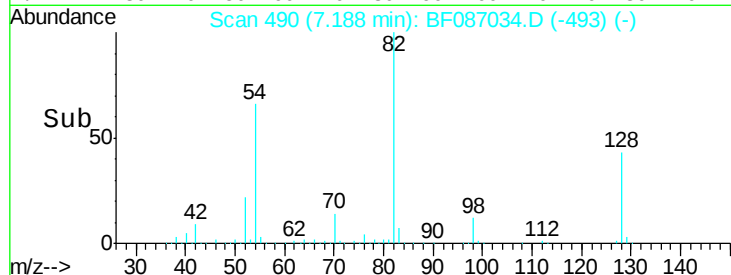


Abundance Ion 82.00 (81.70 to 82.70): BF086822.D (-472) (-)

Ion 95.00 (94.70 to 95.70): BF086822.D (-472) (-)

Ion 138.00 (137.70 to 138.70): BF086822.D (-472) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.09 min

Lab File: BF087034.D

Acq: 14 May 2016 22:06

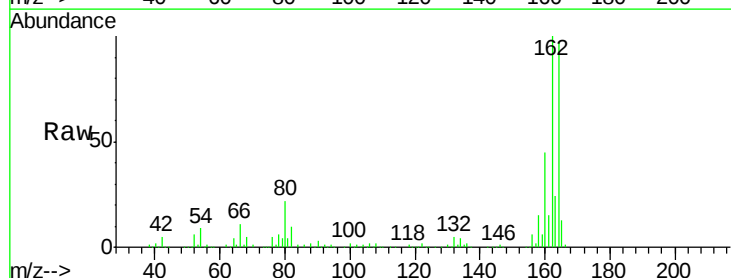
Tgt Ion: 164 Resp: 296704

Ion Ratio Lower Upper

164 100

162 103.4 82.8 124.2

160 46.7 36.9 55.3

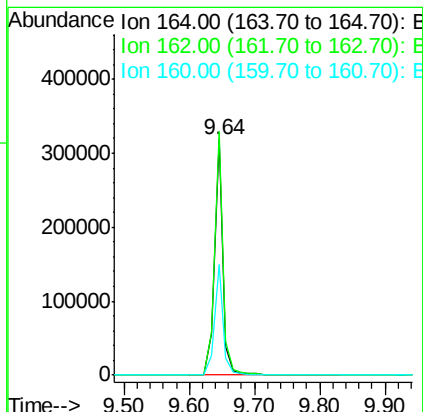
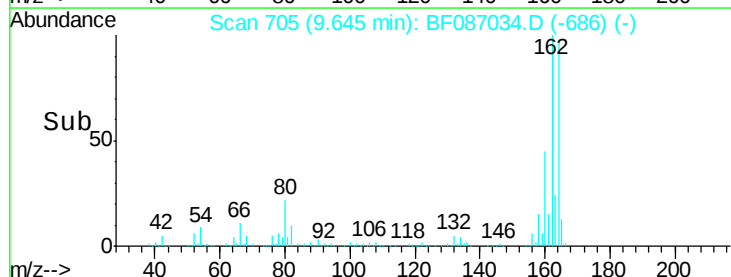


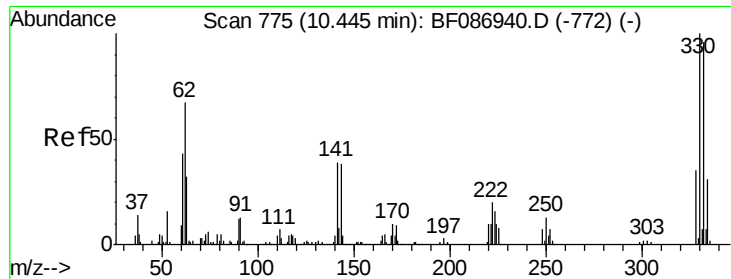
Abundance Ion 164.00 (163.70 to 164.70): BF086940.D (-702) (-)

Ion 162.00 (161.70 to 162.70): BF086940.D (-702) (-)

Ion 160.00 (159.70 to 160.70): BF086940.D (-702) (-)

Time-->

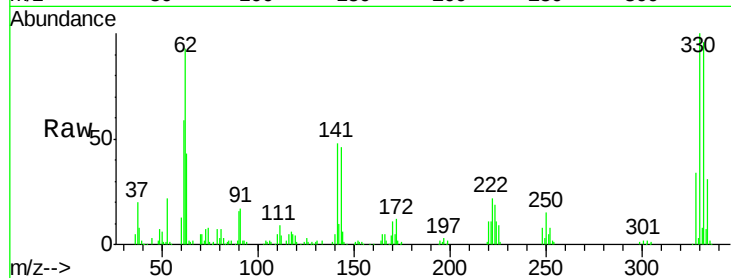




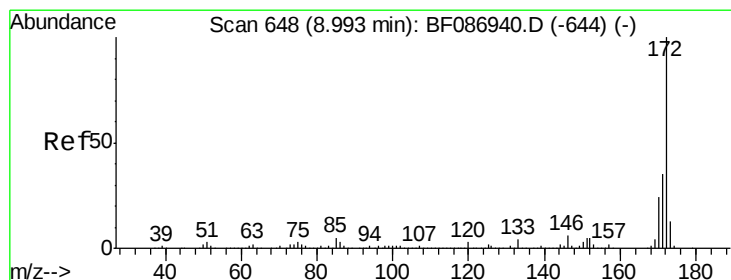
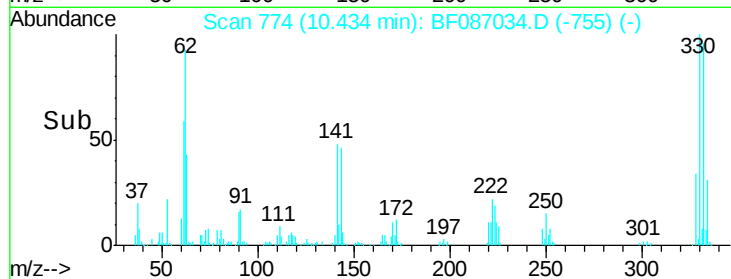
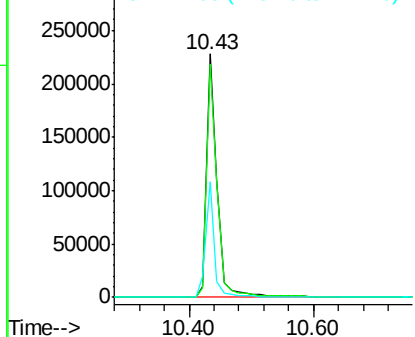
#41
 2,4,6-Tribromophenol
 Concen: 86.20 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.09 min
 Lab File: BF087034.D
 Acq: 14 May 2016 22:06

Instrument :
 BNA_F
 ClientSampleId :
 PB90419TB

Tgt Ion:330 Resp: 270752
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.0 118.4
 141 40.0 31.2 46.8

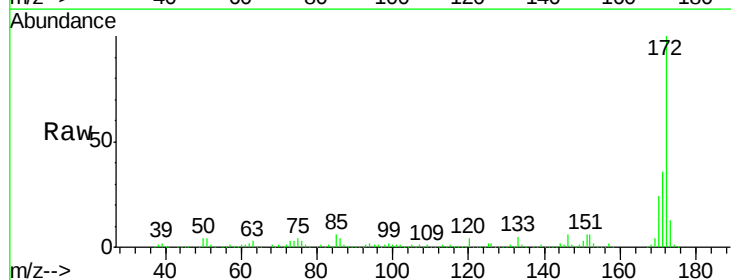


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

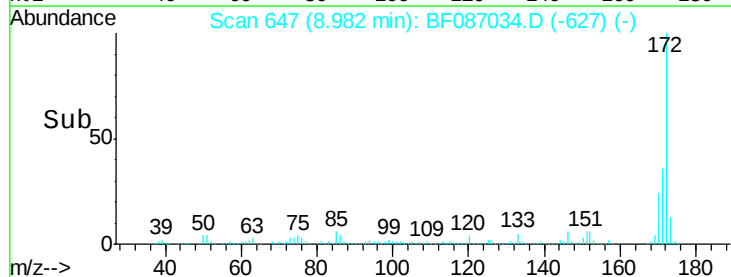
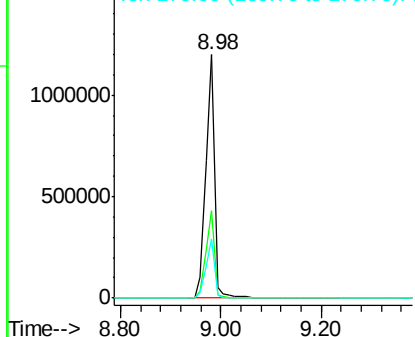


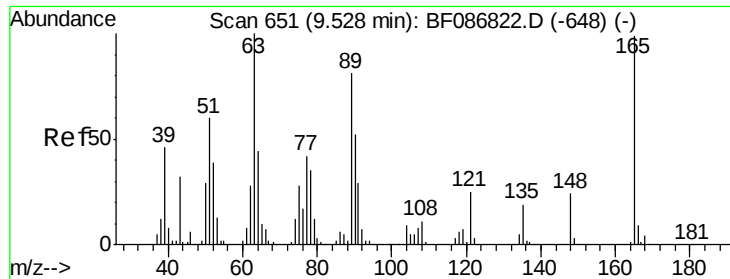
#44
 2-Fluorobiphenyl
 Concen: 82.25 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087034.D
 Acq: 14 May 2016 22:06

Tgt Ion:172 Resp: 1452080
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.3 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

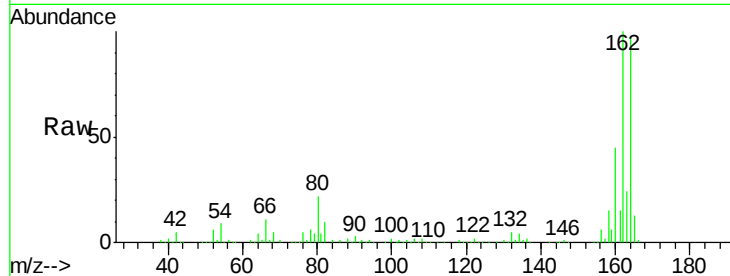




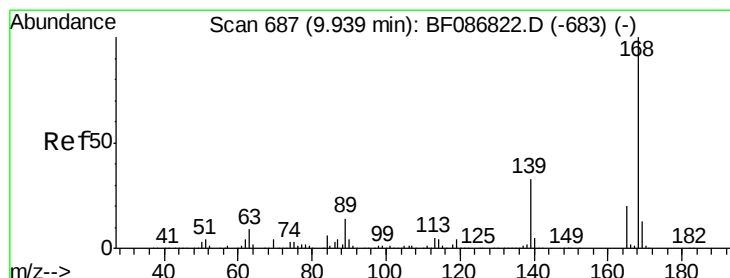
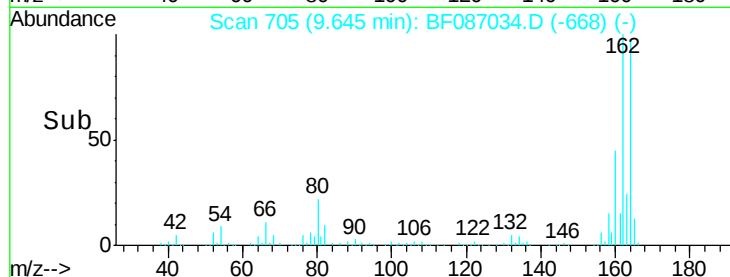
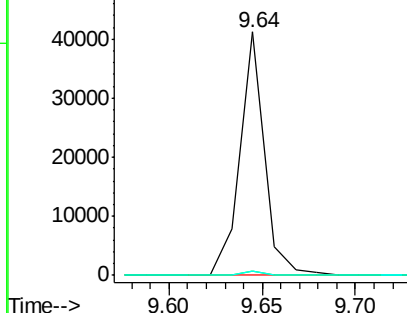
#50
 2,6-Dinitrotoluene
 Concen: 7.94 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.12 min
 Lab File: BF087034.D
 Acq: 14 May 2016 22:06

Instrument :
 BNA_F
 ClientSampleId :
 PB90419TB

Tgt Ion:165 Resp: 37806
 Ion Ratio Lower Upper
 165 100
 63 1.7 51.8 77.8#
 89 1.7 50.7 76.1#

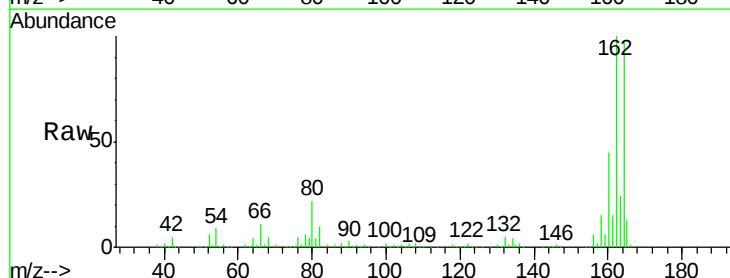


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

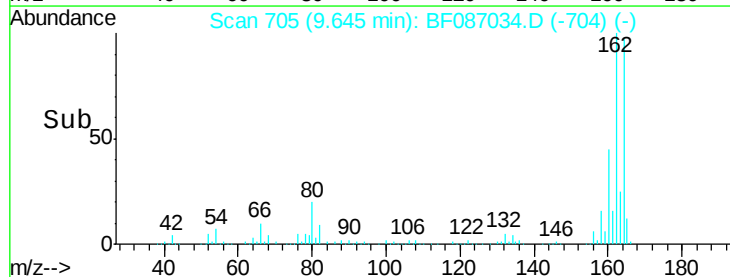
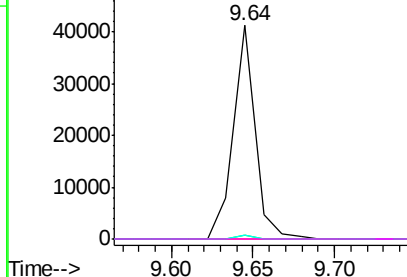


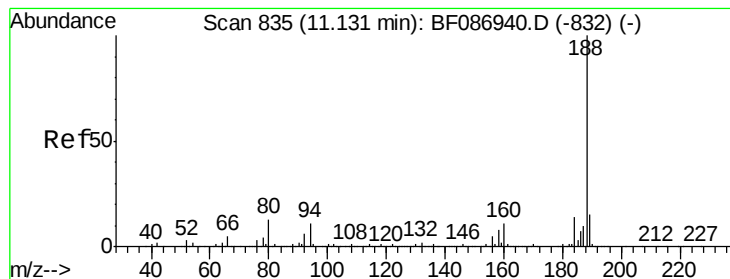
#56
 2,4-Dinitrotoluene
 Concen: 6.41 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.29 min
 Lab File: BF087034.D
 Acq: 14 May 2016 22:06

Tgt Ion:165 Resp: 37808
 Ion Ratio Lower Upper
 165 100
 63 1.7 44.3 66.5#
 89 1.7 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: BF087034.D

Acq: 14 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

PB90419TB

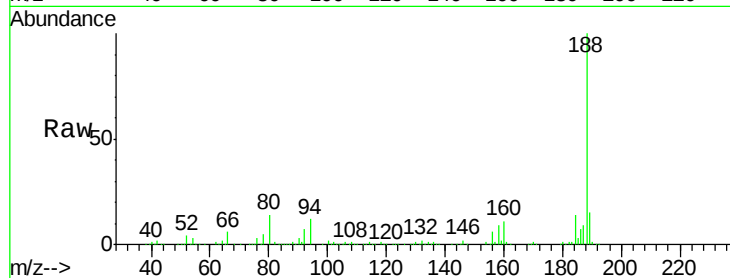
Tgt Ion:188 Resp: 546652

Ion Ratio Lower Upper

188 100

94 12.4 6.8 10.2#

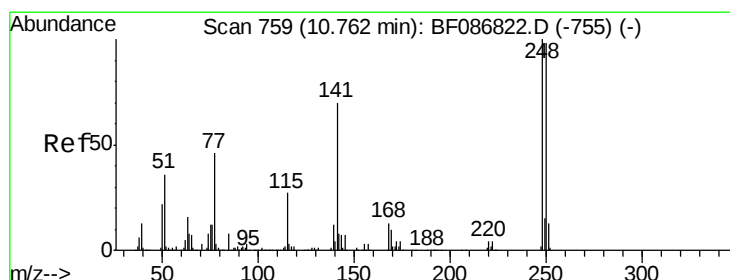
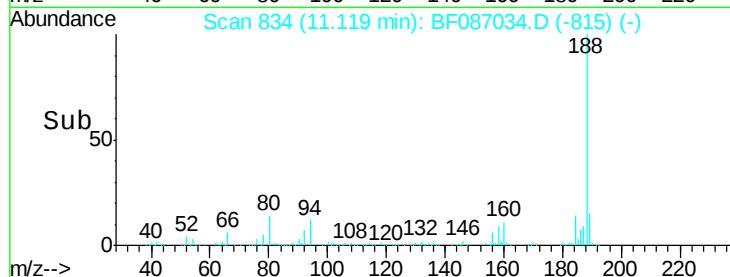
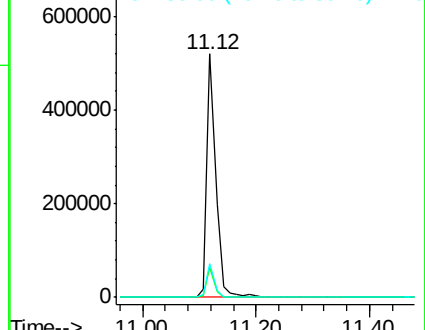
80 13.9 7.1 10.7#



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



#66

4-Bromophenyl-phenylether

Concen: 3.04 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.33 min

Lab File: BF087034.D

Acq: 14 May 2016 22:06

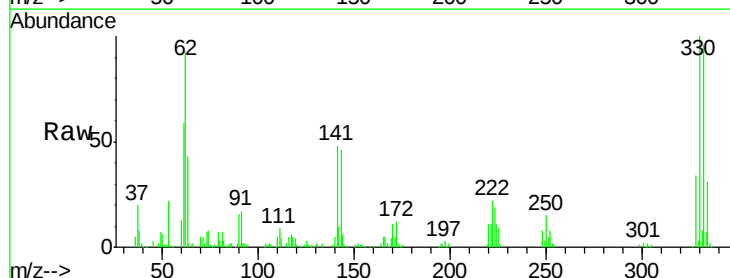
Tgt Ion:248 Resp: 16824

Ion Ratio Lower Upper

248 100

250 193.8 78.6 117.8#

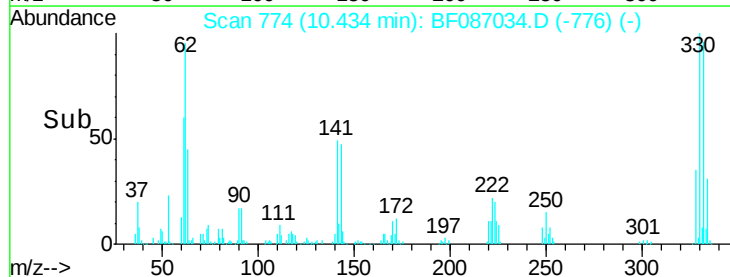
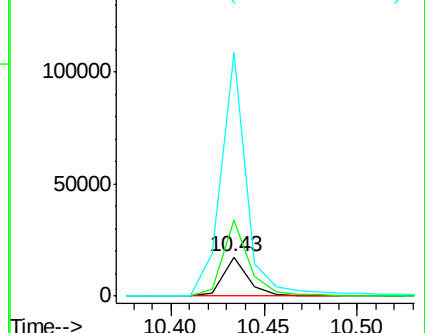
141 619.1 76.0 114.0#

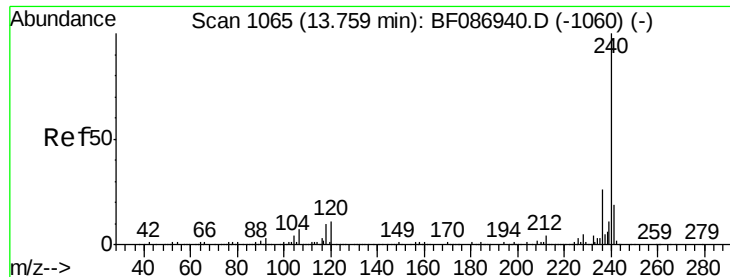


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.09 min

Lab File: BF087034.D

Acq: 14 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

PB90419TB

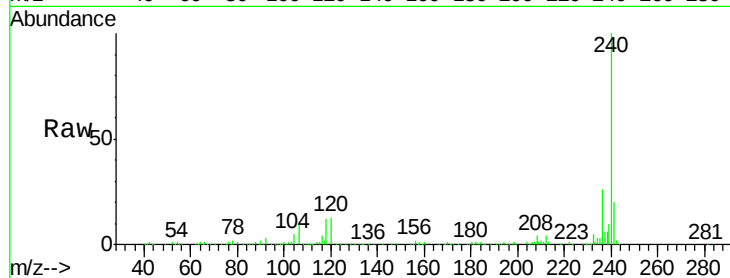
Tgt Ion:240 Resp: 381032

Ion Ratio Lower Upper

240 100

120 13.0 11.2 16.8

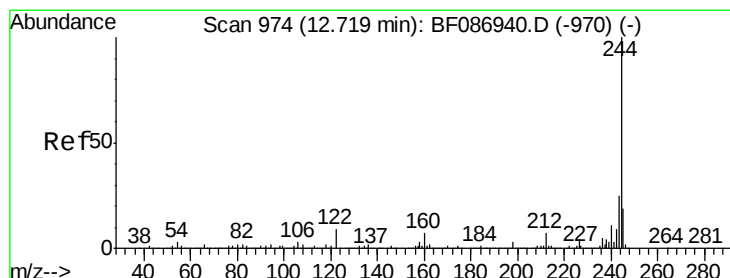
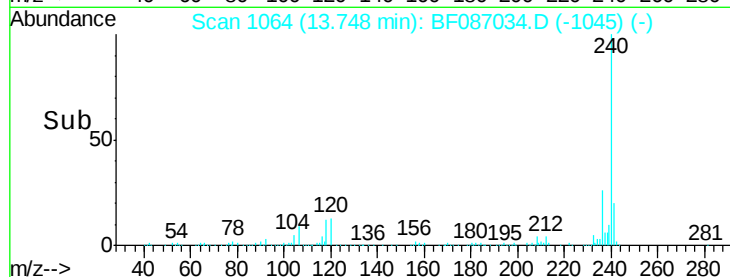
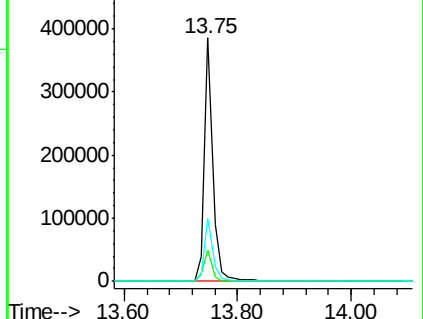
236 26.1 21.2 31.8



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: 65.30 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087034.D

Acq: 14 May 2016 22:06

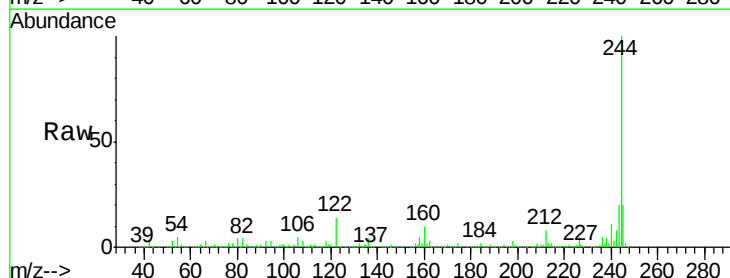
Tgt Ion:244 Resp: 1172754

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

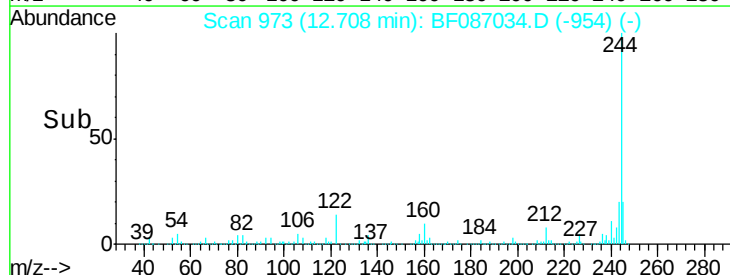
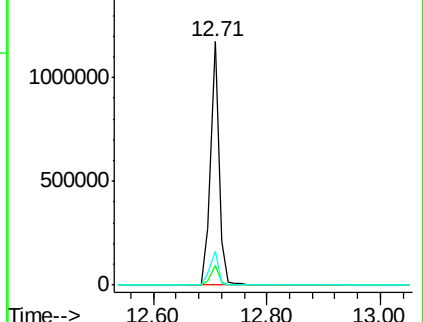
122 13.8 12.0 18.0

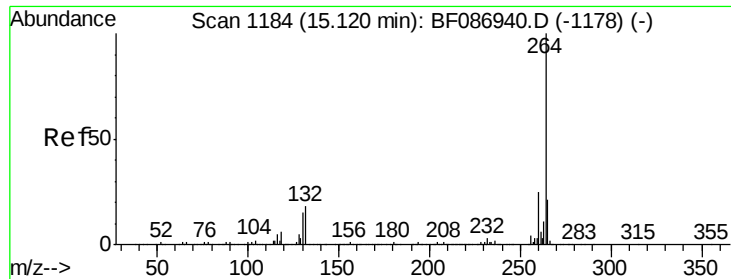


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF087034.D
Acq: 14 May 2016 22:06

Instrument :
BNA_F
ClientSampleId :
PB90419TB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.1	17.3	25.9

