

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086467.D
 Acq On : 28 Apr 2016 11:51
 Operator : UM/SJ
 Sample : H2660-01DL2 750X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB2-PRE-B10DL2

Quant Time: Apr 28 12:27:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

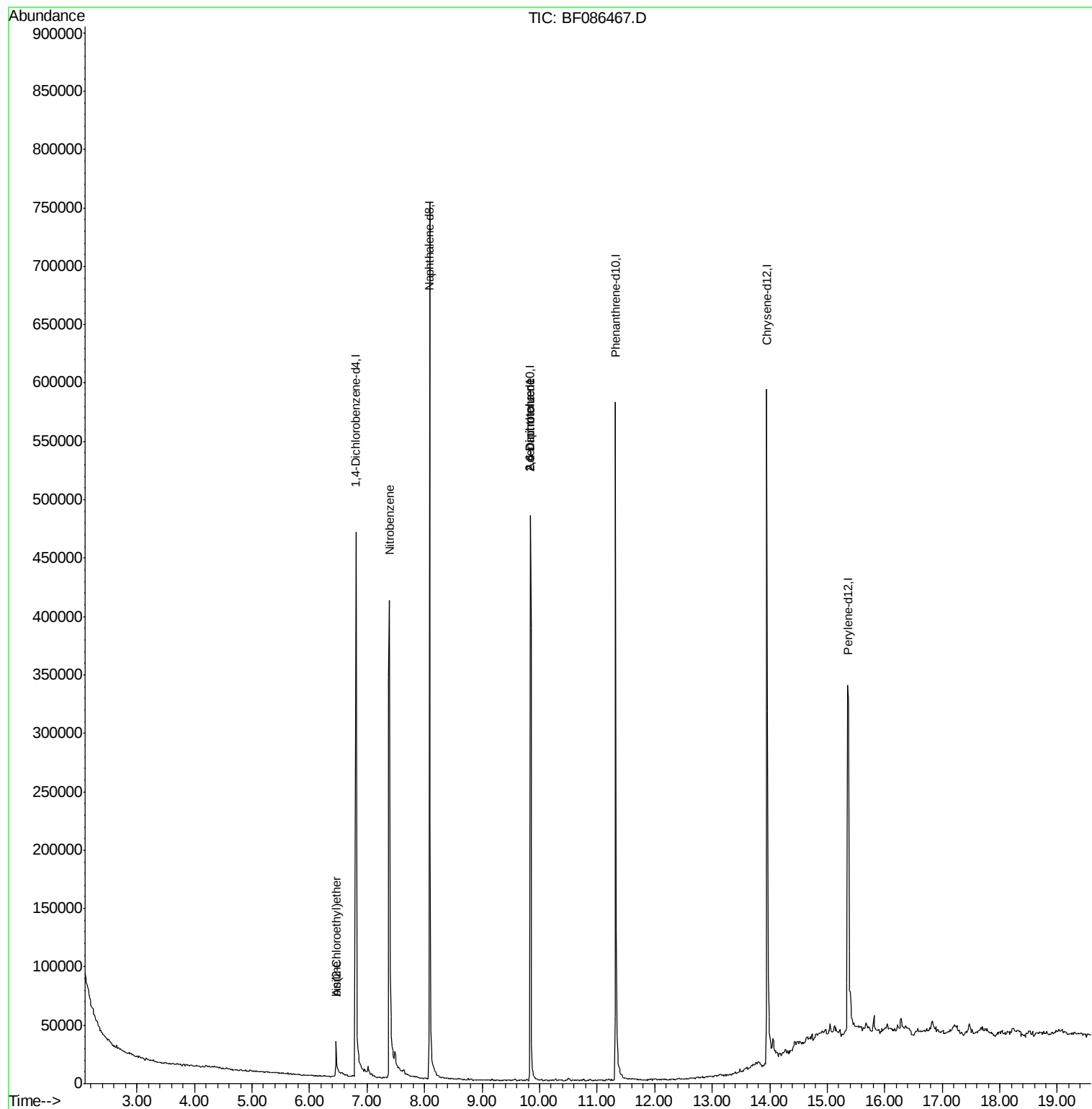
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	89731	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	377671	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	135380	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	249431	20.00	ng	0.00
75) Chrysene-d12	13.95	240	280586	20.00	ng	-0.01
86) Perylene-d12	15.37	264	191379	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.37	82	443	0.06	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.16	172	714	-1.00	ng	-0.01
78) Terphenyl-d14	12.91	244	663	0.05	ng	0.00
Target Compounds						
6) Aniline	6.46	93	19688	2.24	ng	# 87
11) bis(2-Chloroethyl)ether	6.46	93	19688	2.81	ng	# 25
24) Nitrobenzene	7.39	77	214365	29.74	ng	# 89
50) 2,6-Dinitrotoluene	9.84	165	16218	7.70	ng	# 20
56) 2,4-Dinitrotoluene	9.84	165	16215	6.04	ng	# 15

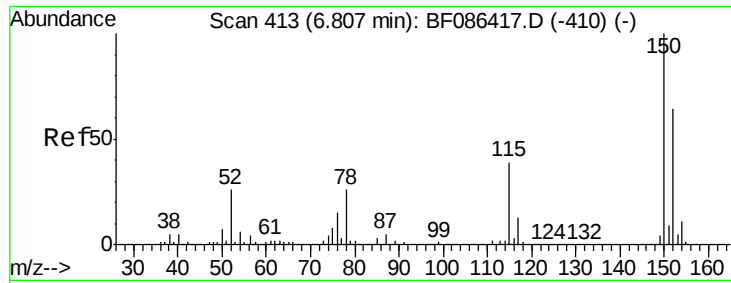
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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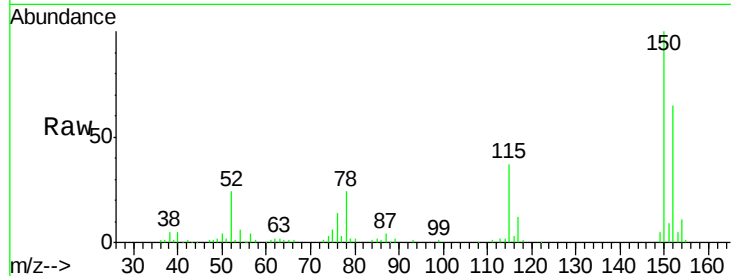


#1

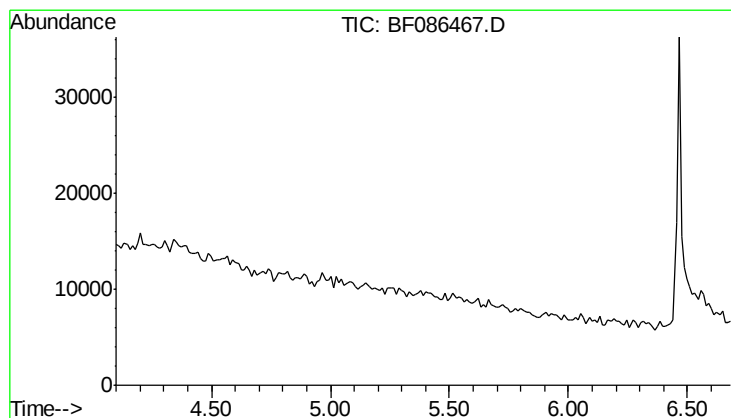
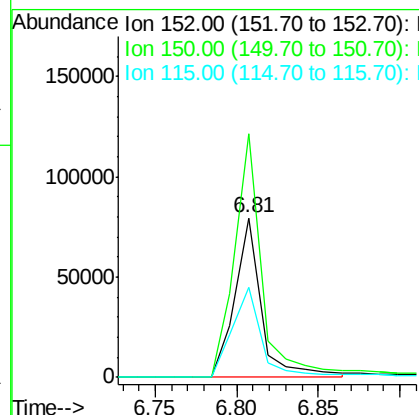
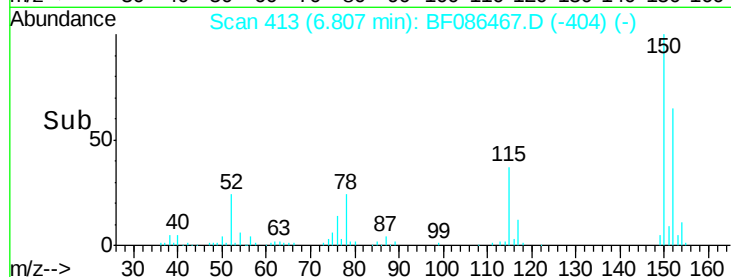
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF086467.D
Acq: 28 Apr 2016 11:51

Instrument :
BNA_F
ClientSampleId :
NB2-PRE-B10DL2

Tot Ion:152 Resp: 89731
Ion Ratio Lower Upper
152 100
150 153.0 125.8 188.6
115 56.7 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

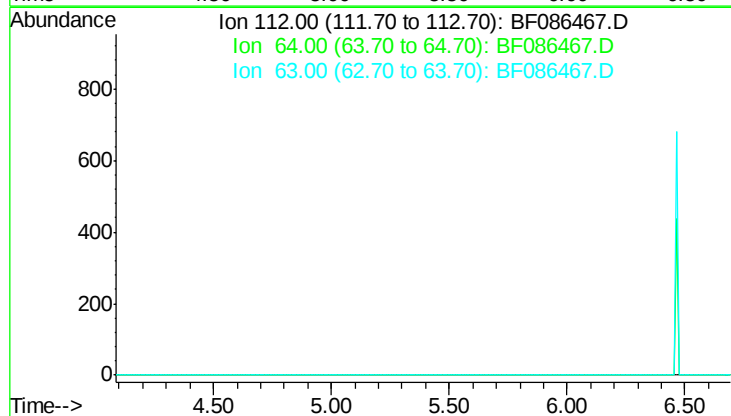


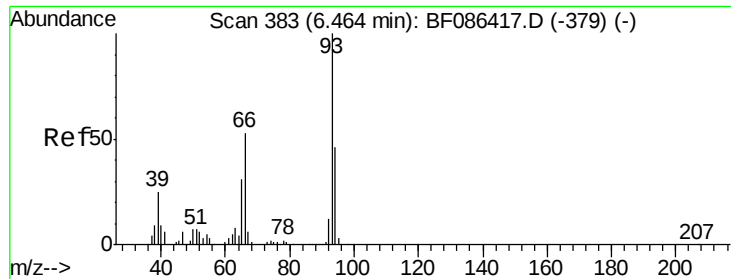
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.39 min

Lab File: BF086467.D
Acq: 28 Apr 2016 11:51

Tgt Ion: 112
Sig Exp Ratio
112 100
64 65.1
63 32.1





#6

Aniline

Concen: 2.24 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF086467.D

Acq: 28 Apr 2016 11:51

Instrument :

BNA_F

ClientSampleId :

NB2-PRE-B10DL2

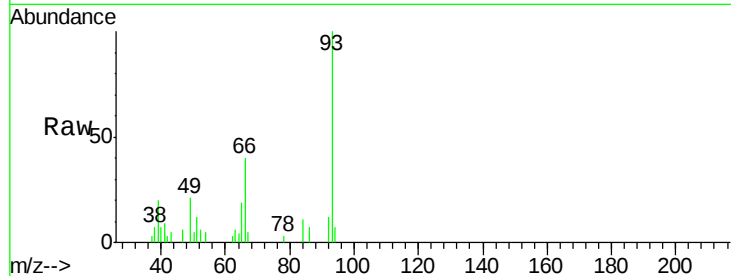
Tot Ion: 93 Resp: 19688

Ion Ratio Lower Upper

93 100

66 39.7 39.0 58.6

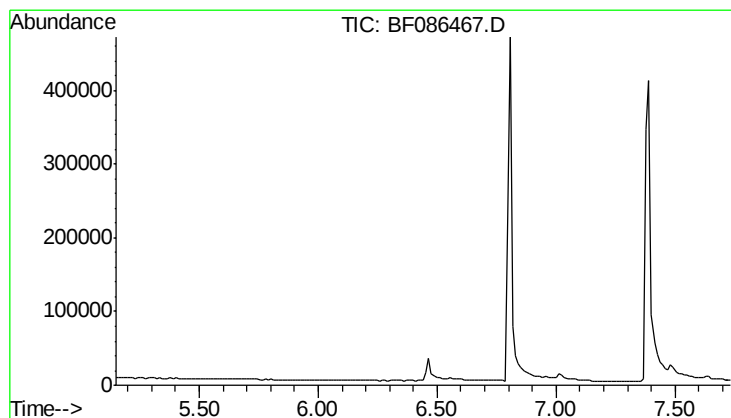
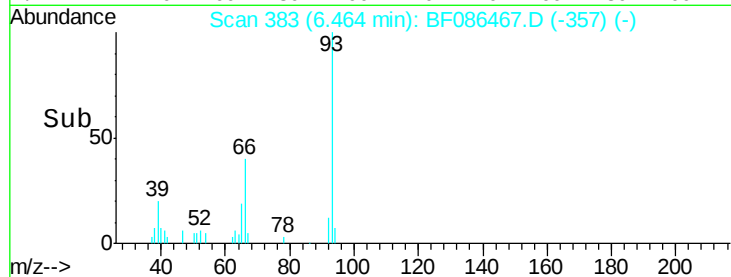
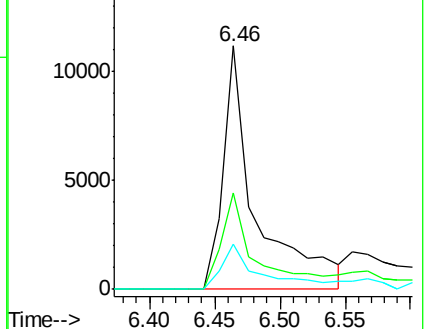
65 18.8 20.6 31.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.44 min

Lab File: BF086467.D

Acq: 28 Apr 2016 11:51

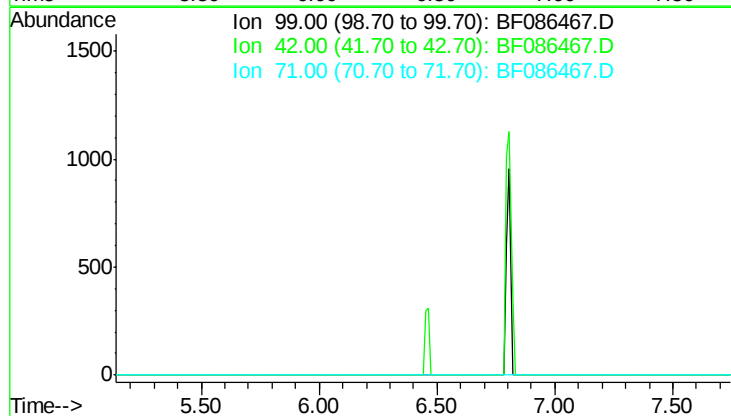
Tgt Ion: 99

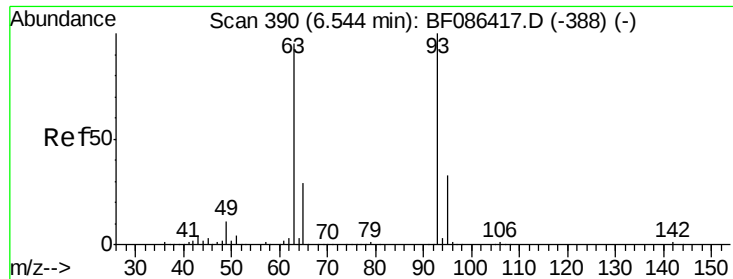
Sig Exp Ratio

99 100

42 17.0

71 30.7



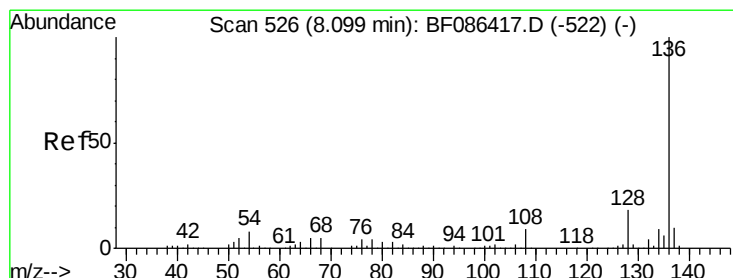
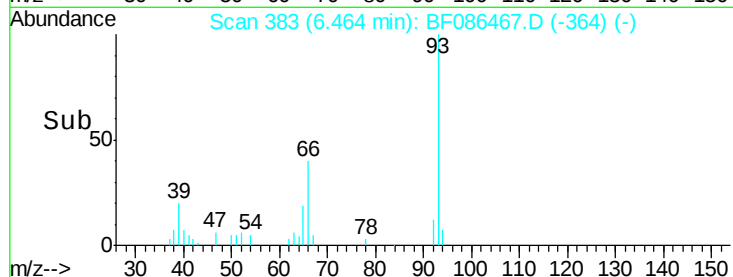
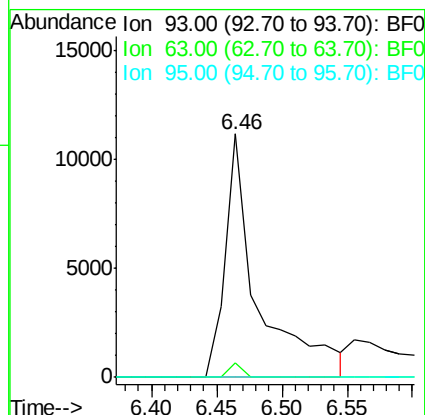
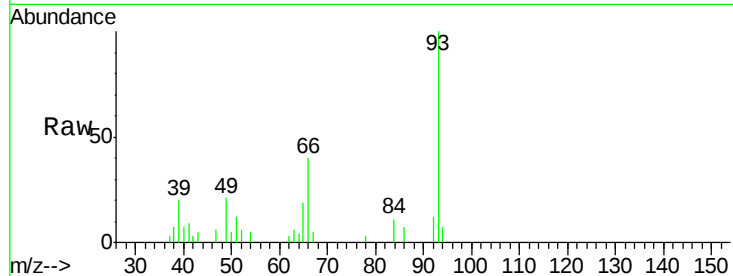


#11
bis(2-Chloroethyl)ether
Concen: 2.81 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.08 min
Lab File: BF086467.D
Acq: 28 Apr 2016 11:51

Instrument :
BNA_F
ClientSampleId :
NB2-PRE-B10DL2

Tot Ion: 93 Resp: 19688

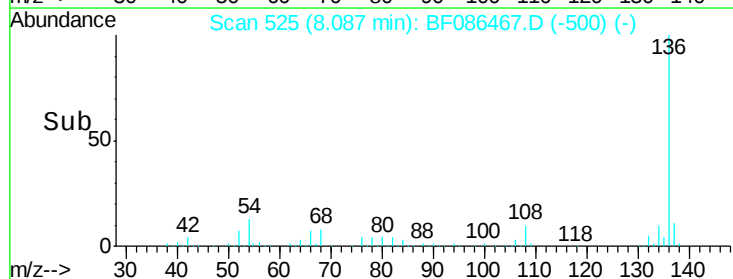
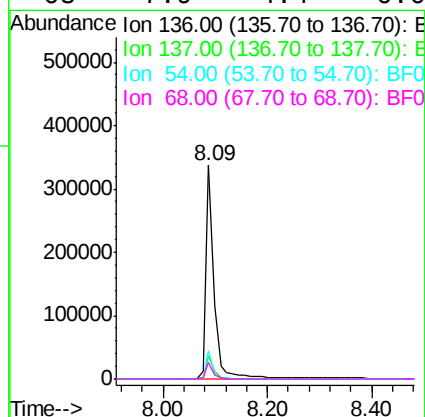
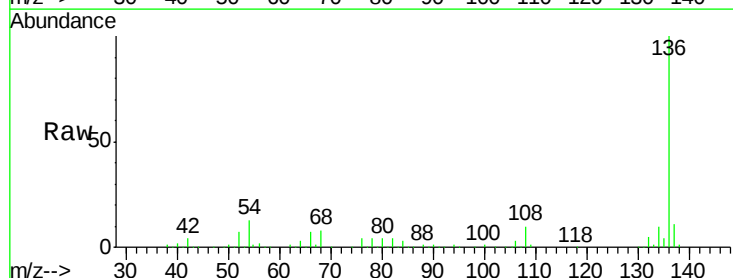
Ion	Ratio	Lower	Upper
93	100		
63	6.1	58.0	98.0#
95	0.0	11.9	51.9#

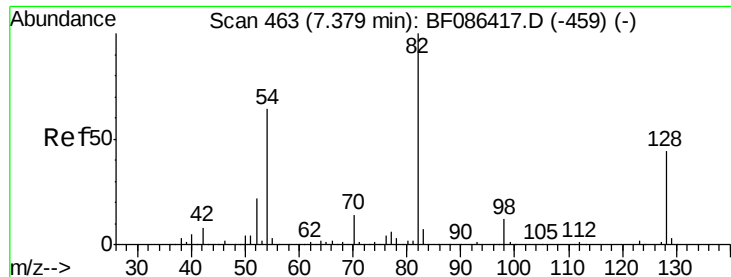


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF086467.D
Acq: 28 Apr 2016 11:51

Tgt Ion: 136 Resp: 377671

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	13.5	5.0	7.4#
68	7.9	4.4	6.6#





#23

Nitrobenzene-d5

Concen: 0.06 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF086467.D

Acq: 28 Apr 2016 11:51

Instrument :

BNA_F

ClientSampleId :

NB2-PRE-B10DL2

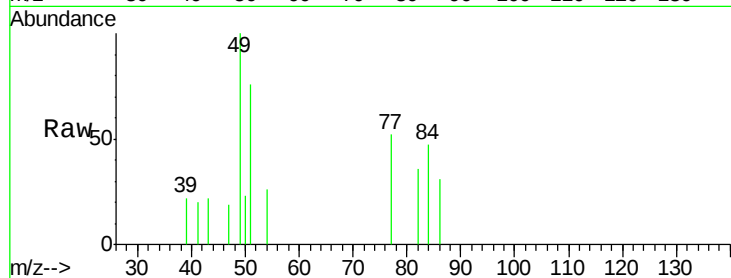
Tot Ion: 82 Resp: 443

Ion Ratio Lower Upper

82 100

128 0.0 40.6 61.0#

54 72.1 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

7.37

600

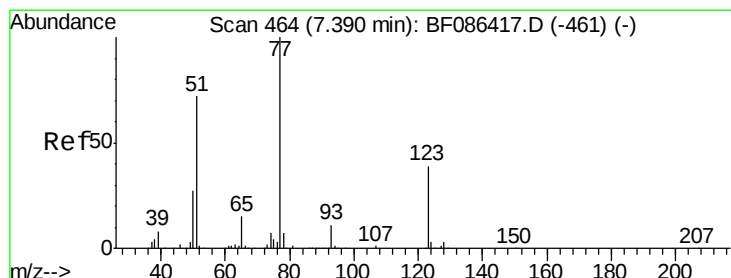
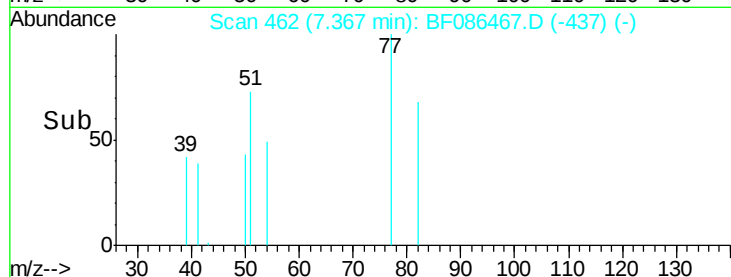
400

200

0

7.34 7.36 7.38 7.40

Time-->



#24

Nitrobenzene

Concen: 29.74 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF086467.D

Acq: 28 Apr 2016 11:51

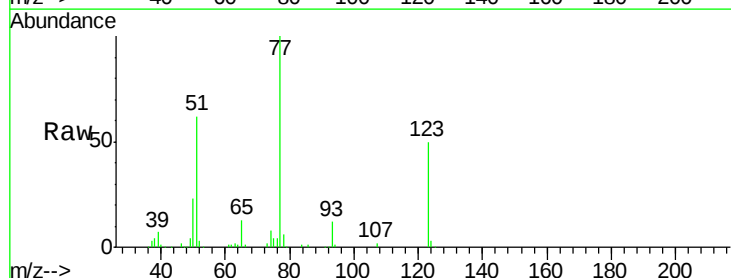
Tgt Ion: 77 Resp: 214365

Ion Ratio Lower Upper

77 100

123 50.0 33.0 49.4#

65 13.5 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

7.39

150000

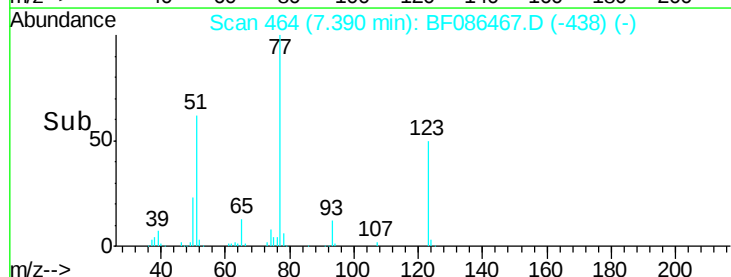
100000

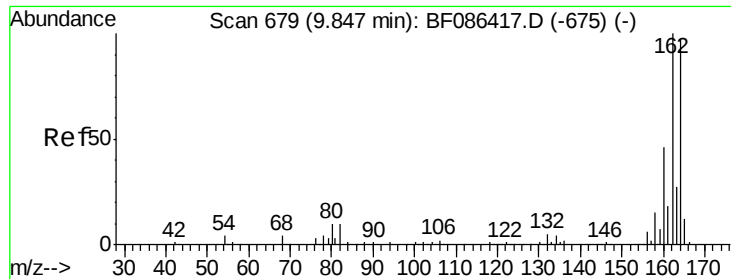
50000

0

7.30 7.35 7.40 7.45 7.50

Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086467.D

Acq: 28 Apr 2016 11:51

Instrument :

BNA_F

ClientSampleId :

NB2-PRE-B10DL2

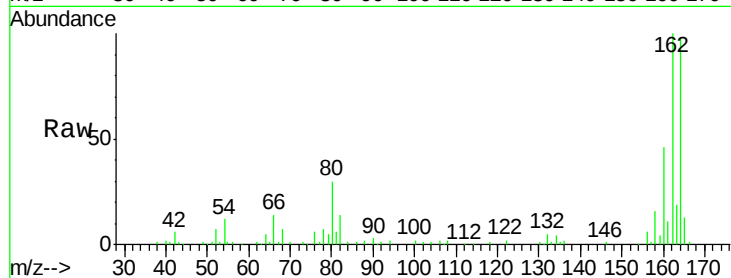
Tot Ion:164 Resp: 135380

Ion Ratio Lower Upper

164 100

162 101.8 82.8 124.2

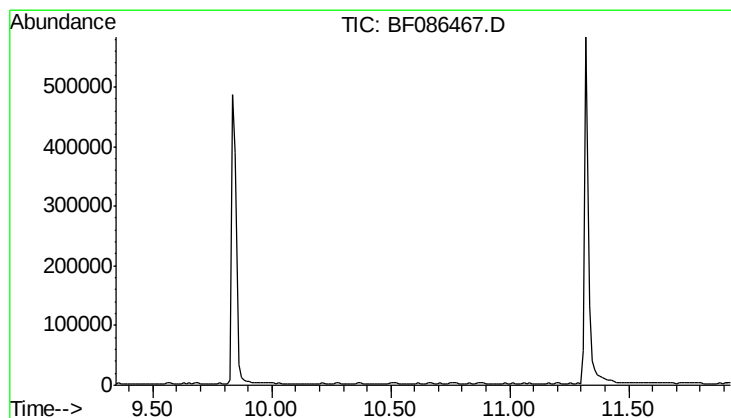
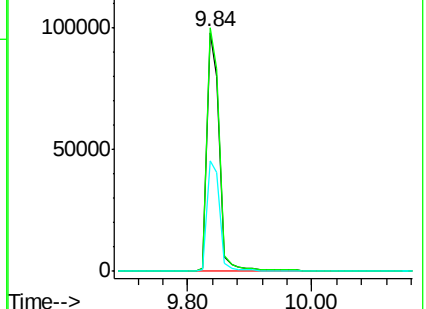
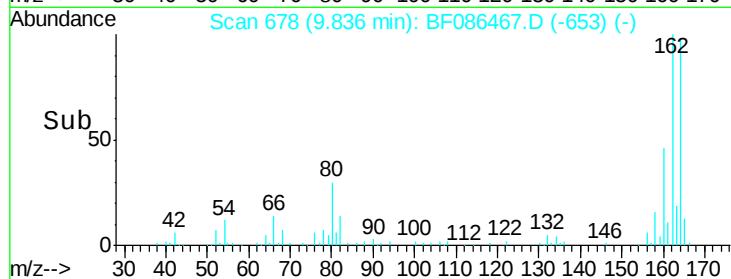
160 46.5 36.9 55.3



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: 0.00 ng

Expected RT: 10.64 min

Lab File: BF086467.D

Acq: 28 Apr 2016 11:51

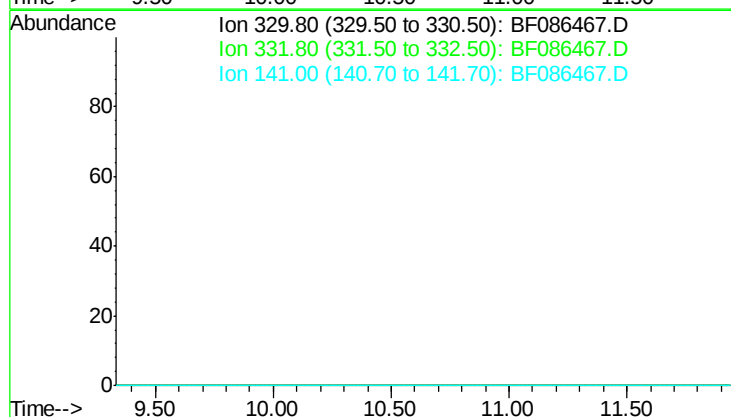
Tgt Ion: 330

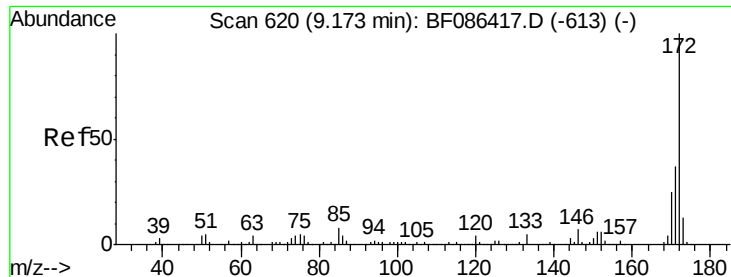
Sig Exp Ratio

330 100

332 98.7

141 39.0





#44

2-Fluorobiphenyl

Concen: -1.00 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF086467.D

Acq: 28 Apr 2016 11:51

Instrument :

BNA_F

ClientSampleId :

NB2-PRE-B10DL2

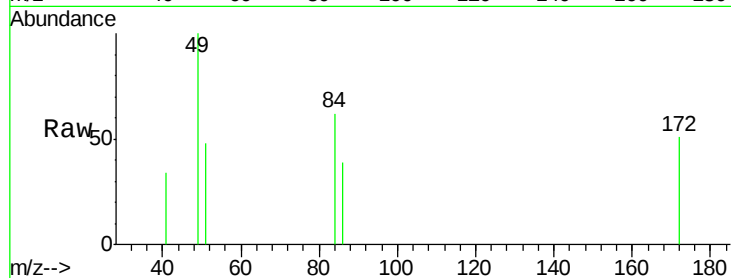
Tot Ion:172 Resp: 714

Ion Ratio Lower Upper

172 100

171 0.0 29.0 43.6#

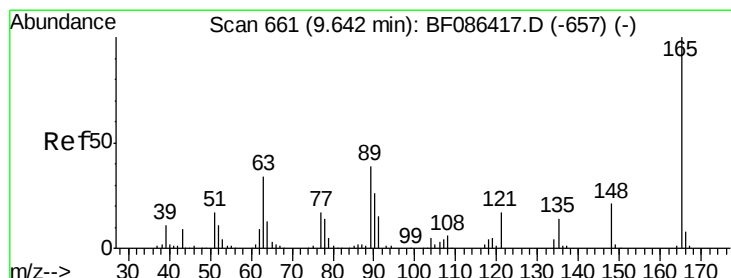
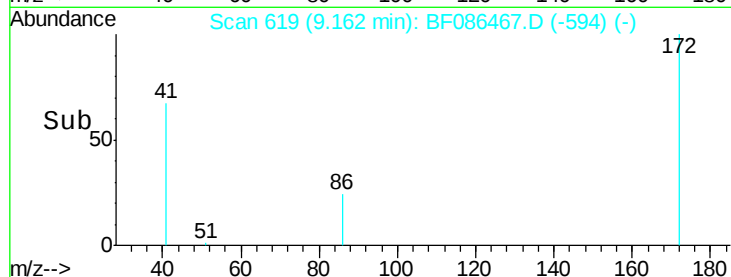
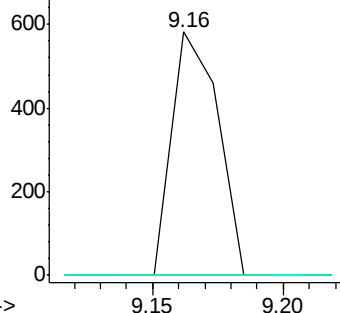
170 0.0 19.8 29.8#



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: 7.70 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.19 min

Lab File: BF086467.D

Acq: 28 Apr 2016 11:51

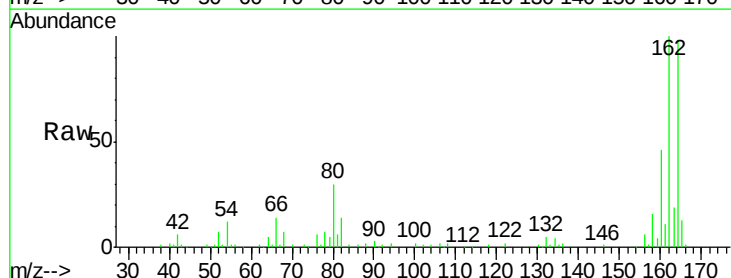
Tgt Ion:165 Resp: 16218

Ion Ratio Lower Upper

165 100

63 2.9 51.8 77.8#

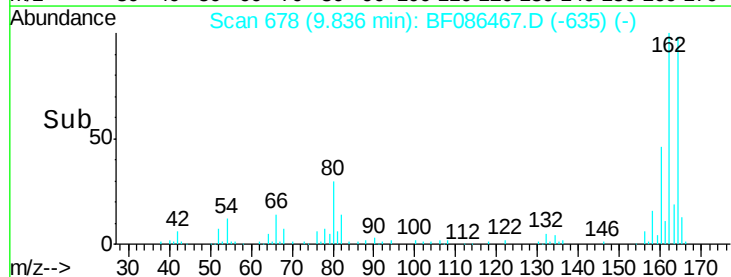
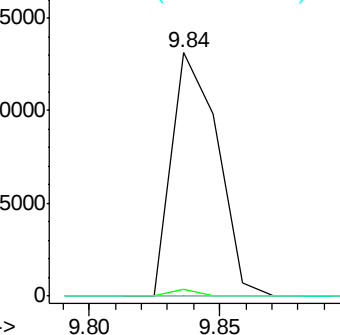
89 0.0 50.7 76.1#

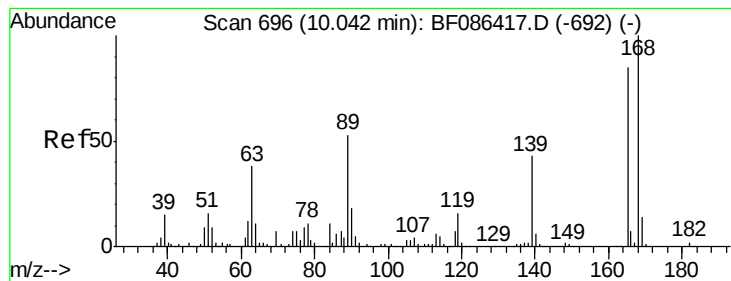


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

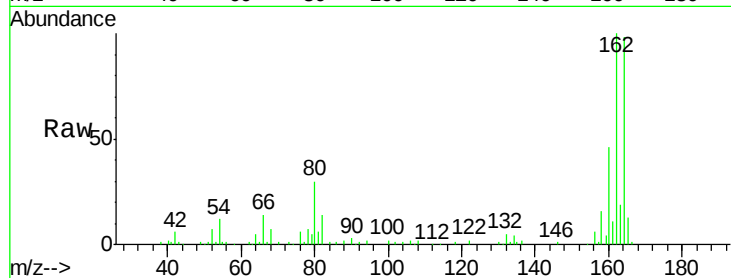




#56
 2,4-Dinitrotoluene
 Concen: 6.04 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.21 min
 Lab File: BF086467.D
 Acq: 28 Apr 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :
 NB2-PRE-B10DL2

Tot Ion:	165	Resp:	16215
Ion	Ratio	Lower	Upper
165	100		
63	2.9	44.3	66.5#
89	0.0	70.0	105.0#
182	0.0	1.8	2.6#

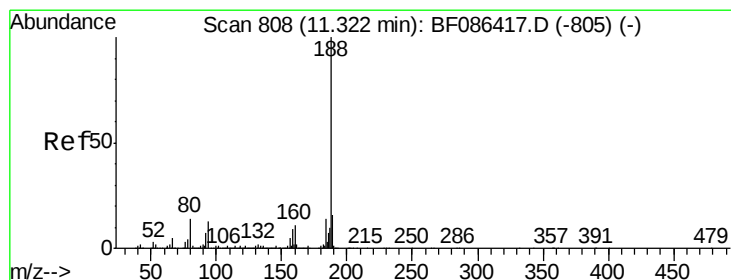
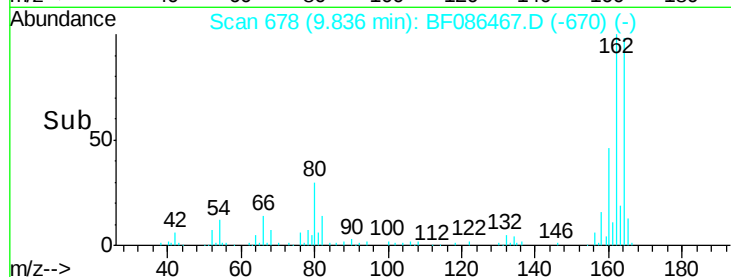
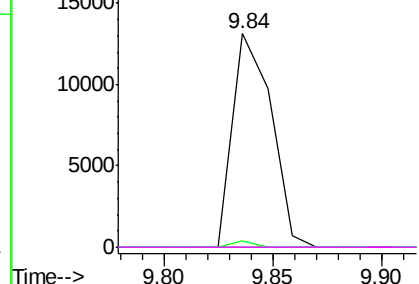


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

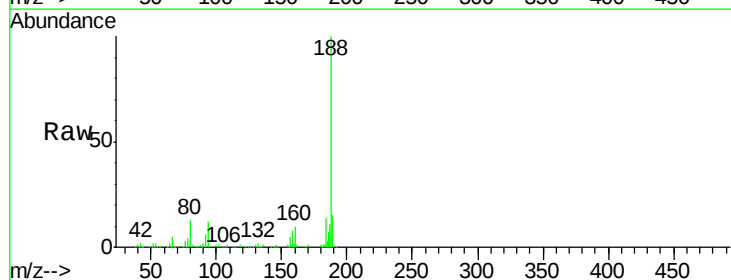
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF086467.D
 Acq: 28 Apr 2016 11:51

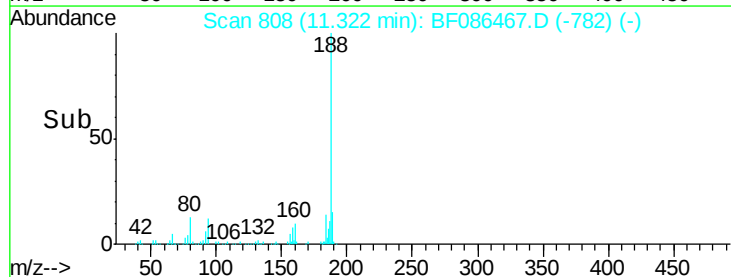
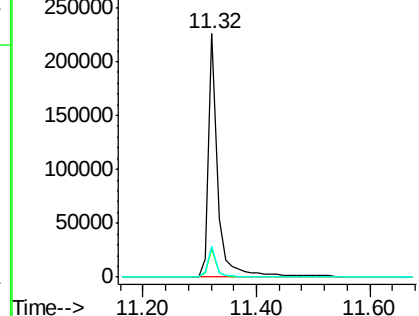
Tgt Ion:	188	Resp:	249431
Ion	Ratio	Lower	Upper
188	100		
94	11.5	6.8	10.2#
80	12.7	7.1	10.7#

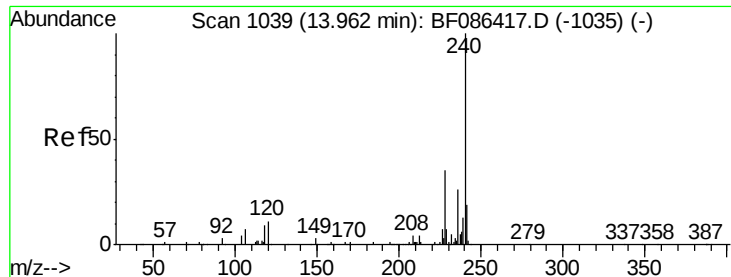


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF086467.D

Acq: 28 Apr 2016 11:51

Instrument :

BNA_F

ClientSampleId :

NB2-PRE-B10DL2

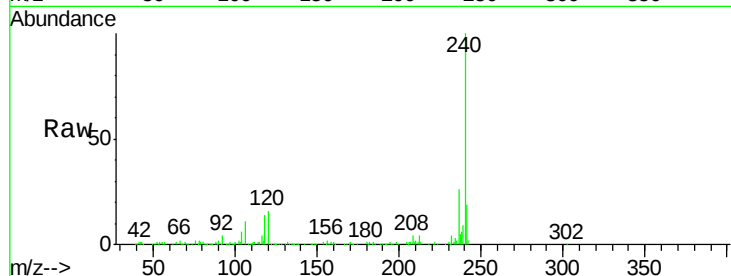
Tot Ion:240 Resp: 280586

Ion Ratio Lower Upper

240 100

120 16.2 11.2 16.8

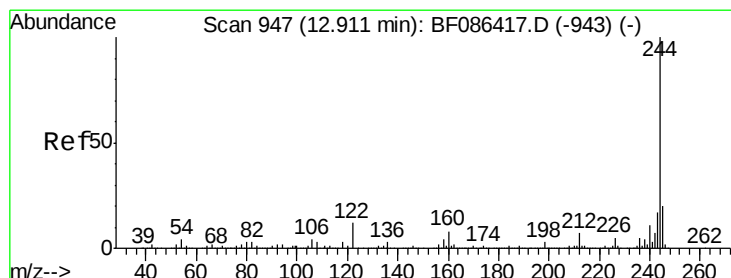
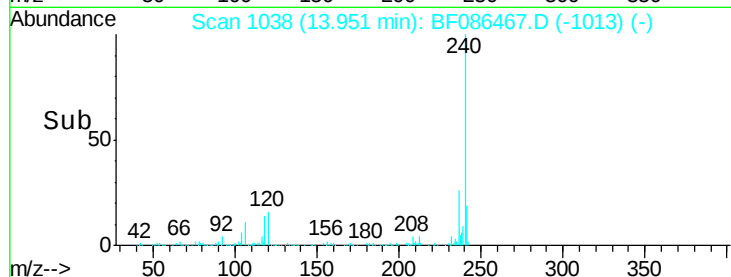
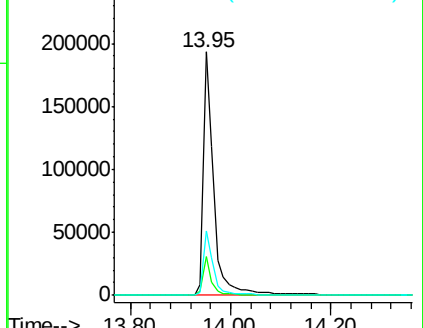
236 26.4 21.2 31.8



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: 0.05 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086467.D

Acq: 28 Apr 2016 11:51

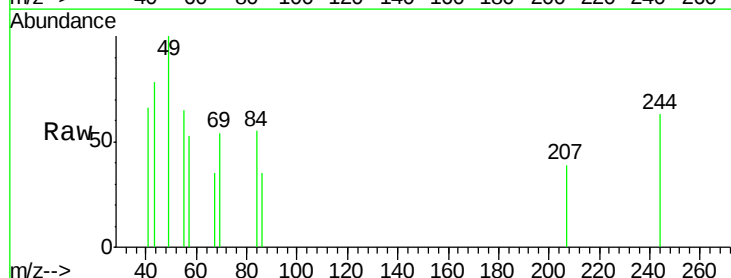
Tgt Ion:244 Resp: 663

Ion Ratio Lower Upper

244 100

212 0.0 6.2 9.2#

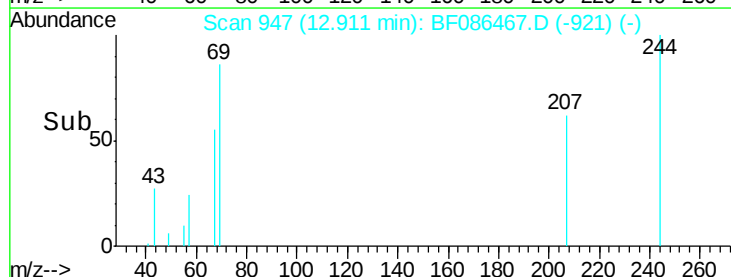
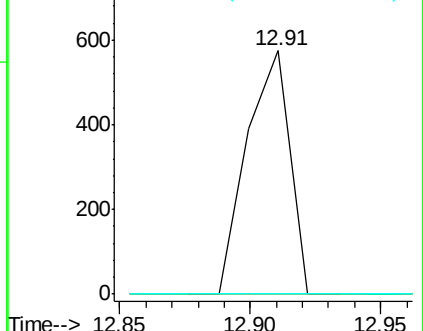
122 0.0 12.0 18.0#

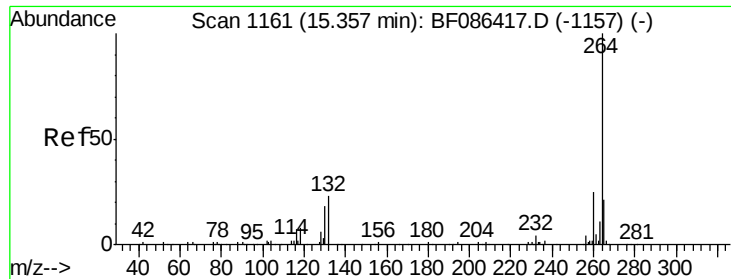


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

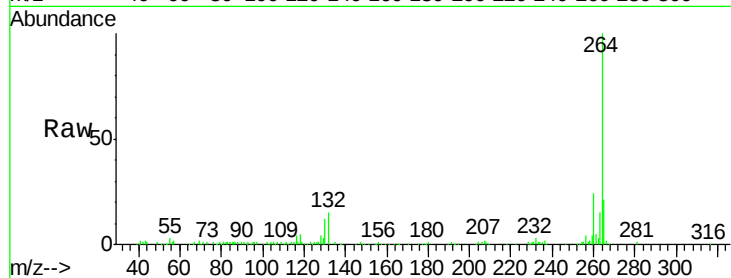




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: BF086467.D
 Acq: 28 Apr 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :
 NB2-PRE-B10DL2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	20.6	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

