

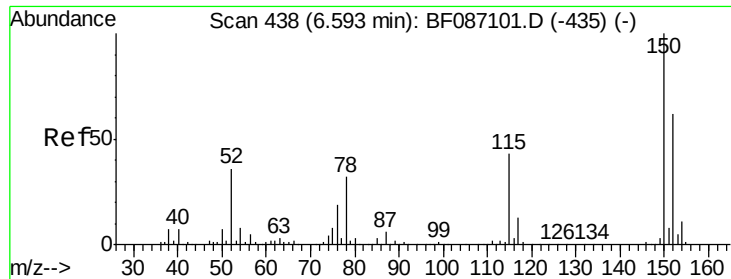
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
 Data File : BF087150.D
 Acq On : 18 May 2016 18:20
 Operator : UM/SJ
 Sample : H3137-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMES

Quant Time: May 19 03:50:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	136321	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	559282	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	269334	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	511562	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	427272	20.00	ng	-0.05
86) Perylene-d12	15.06	264	316371	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1165764	143.74	ng	-0.02
7) Phenol-d6	6.25	99	1384575	127.29	ng	-0.03
23) Nitrobenzene-d5	7.15	82	920669	82.04	ng	-0.03
41) 2,4,6-Tribromophenol	10.41	330	400189	134.46	ng	-0.03
44) 2-Fluorobiphenyl	8.95	172	1458655	89.69	ng	-0.03
78) Terphenyl-d14	12.67	244	1288893	68.24	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.15	70	130175	15.74	ng	# 72
25) Isophorone	7.15	82	742033	36.12	ng	# 68
49) Dimethylphthalate	9.35	163	199851	9.73	ng	100
56) 2,4-Dinitrotoluene	9.61	165	34351	6.01	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	22539	4.28	ng	# 1

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

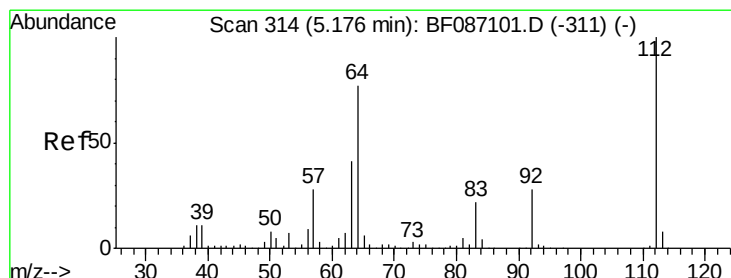
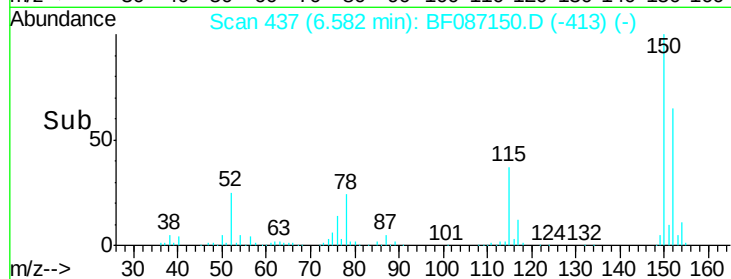
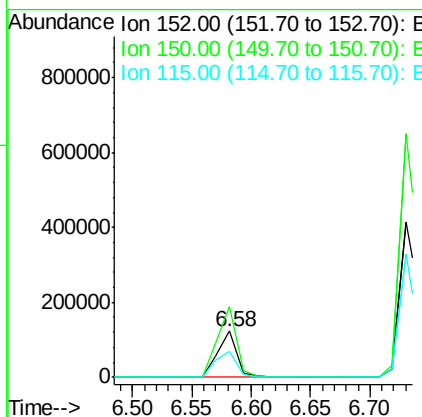
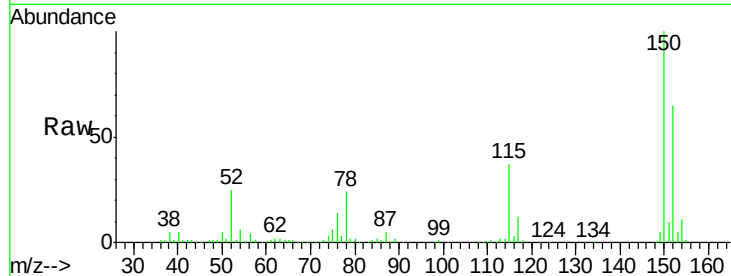


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF087150.D
 Acq: 18 May 2016 18:20

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMES

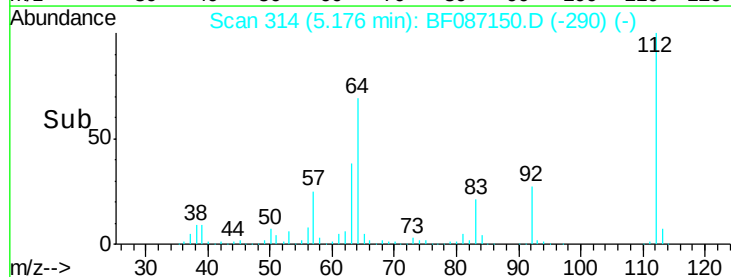
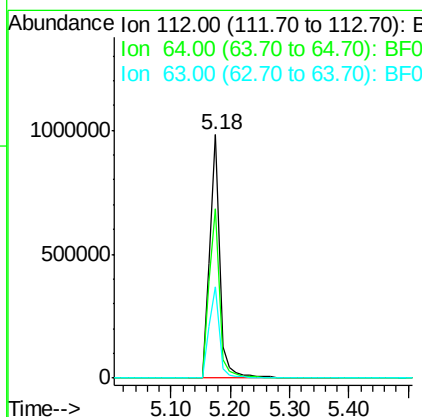
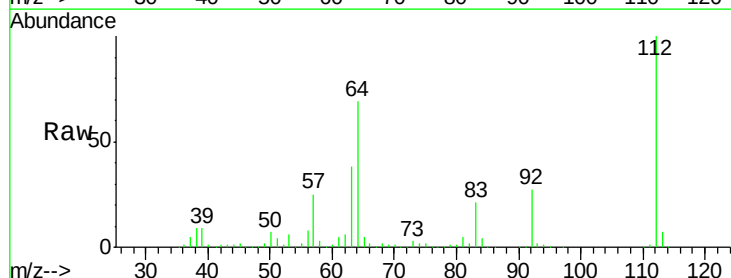
Tgt Ion:152 Resp: 136321
 Ion Ratio Lower Upper
 152 100
 150 153.7 125.8 188.6
 115 57.5 51.5 77.3

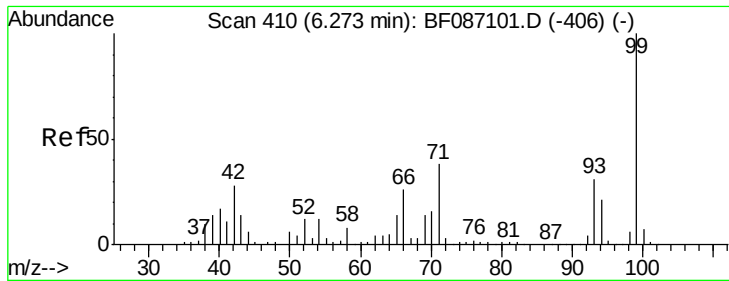


#5

2-Fluorophenol
 Concen: 143.74 ng
 RT: 5.18 min Scan# 314
 Delta R.T. -0.02 min
 Lab File: BF087150.D
 Acq: 18 May 2016 18:20

Tgt Ion:112 Resp: 1165764
 Ion Ratio Lower Upper
 112 100
 64 69.3 52.1 78.1
 63 37.7 25.7 38.5





#7

Phenol-d6

Concen: 127.29 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087150.D

Acq: 18 May 2016 18:20

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMES

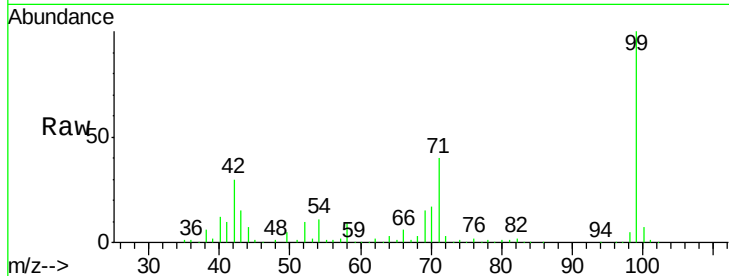
Tgt Ion: 99 Resp: 1384575

Ion Ratio Lower Upper

99 100

42 29.9 13.6 20.4#

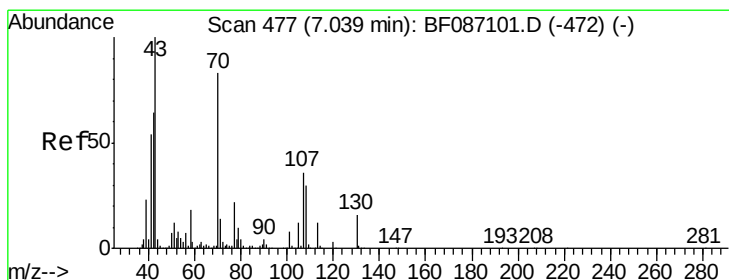
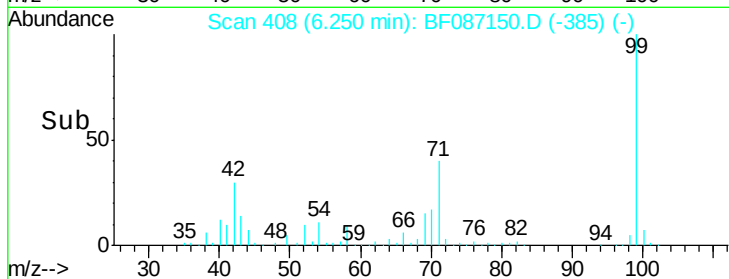
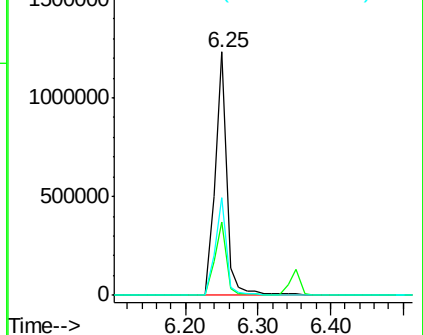
71 40.4 24.6 36.8#



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: 15.74 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.10 min

Lab File: BF087150.D

Acq: 18 May 2016 18:20

Tgt Ion: 70 Resp: 130175

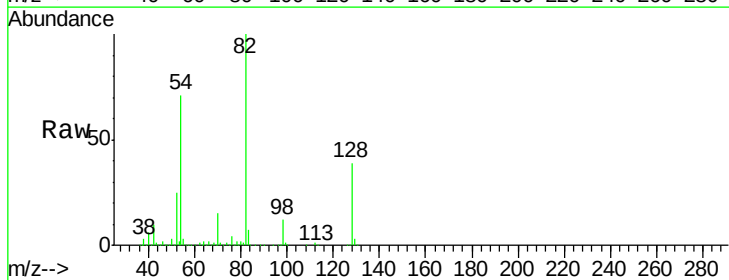
Ion Ratio Lower Upper

70 100

42 68.4 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

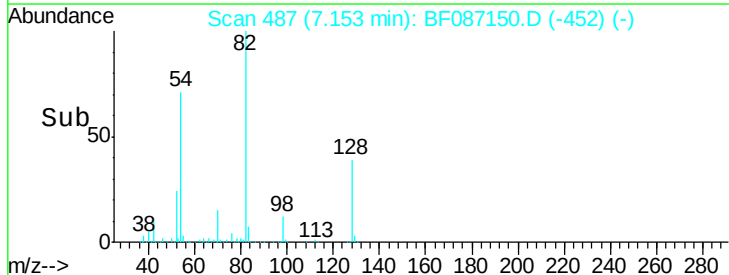
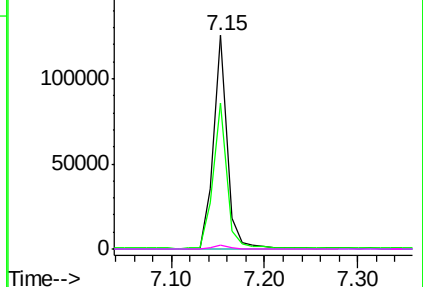


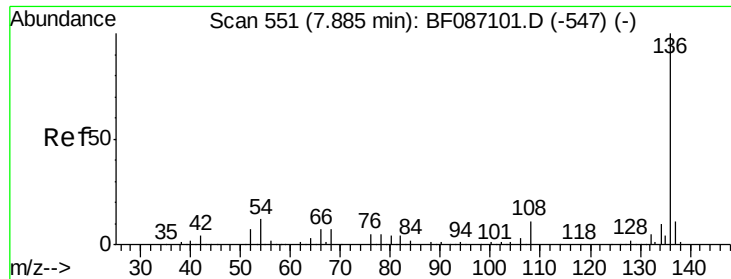
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

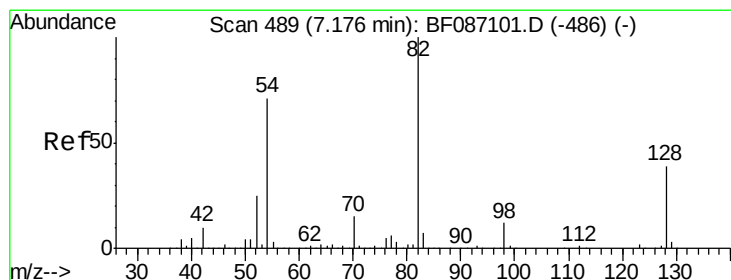
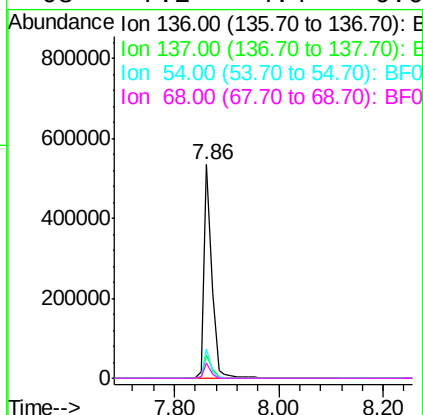
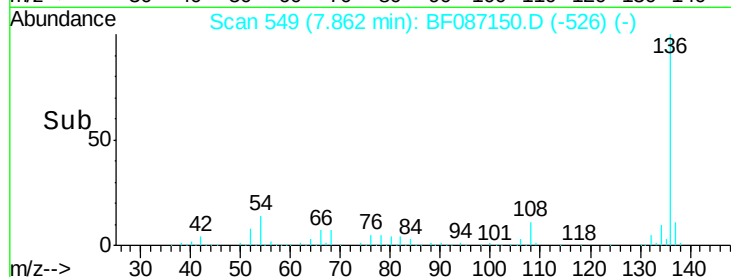
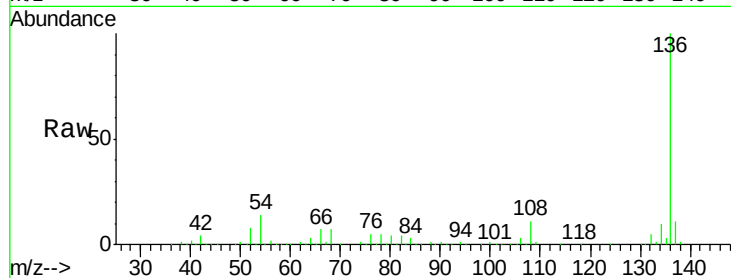




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF087150.D
Acq: 18 May 2016 18:20

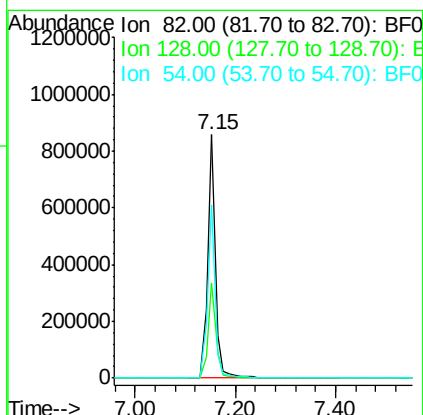
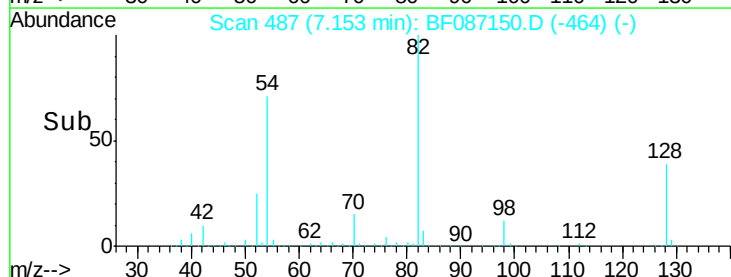
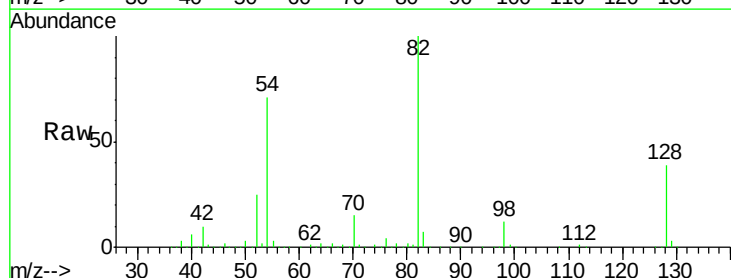
Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMES

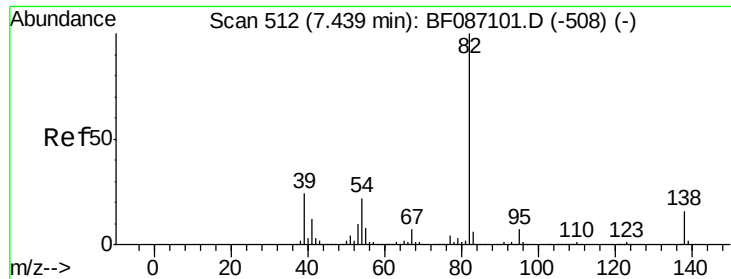
Tgt Ion:	136	Resp:	559282
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	14.0	5.0	7.4#
68	7.2	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 82.04 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087150.D
Acq: 18 May 2016 18:20

Tgt Ion:	82	Resp:	920669
Ion	Ratio	Lower	Upper
82	100		
128	39.3	40.6	61.0#
54	71.0	38.1	57.1#





#25

Isophorone

Concen: 36.12 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.30 min

Lab File: BF087150.D

Acq: 18 May 2016 18:20

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMES

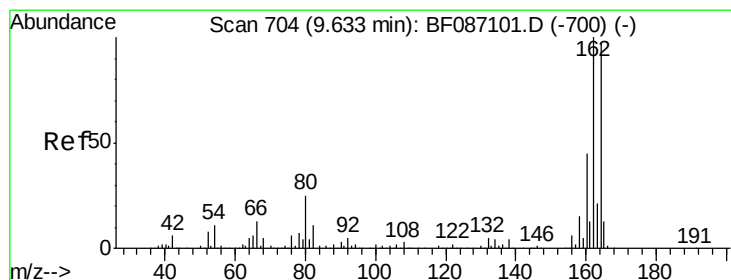
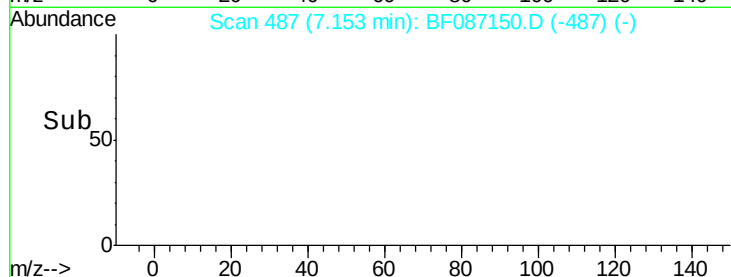
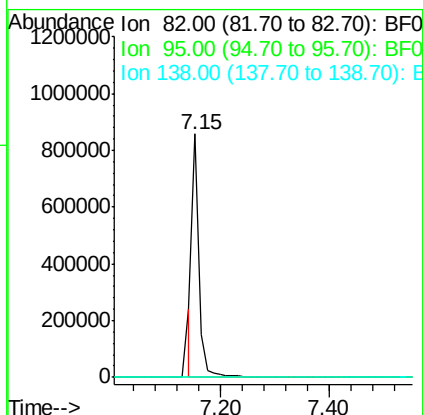
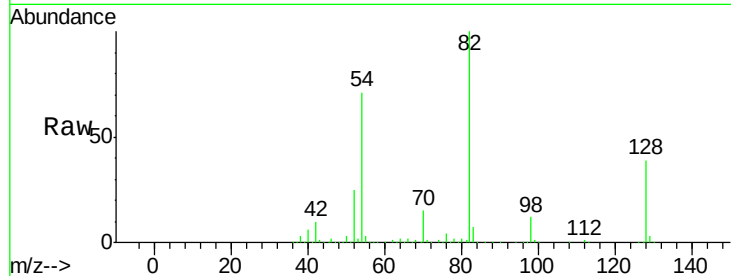
Tgt Ion: 82 Resp: 742033

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF087150.D

Acq: 18 May 2016 18:20

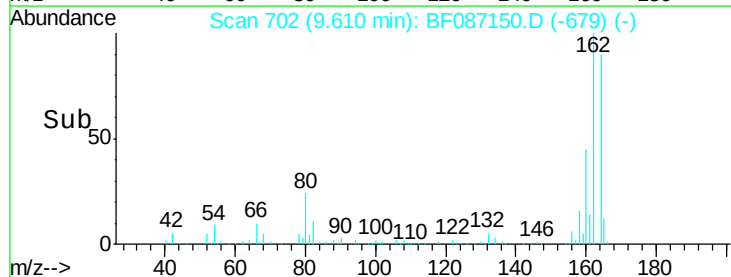
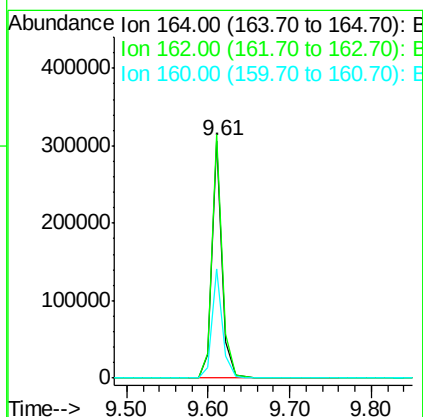
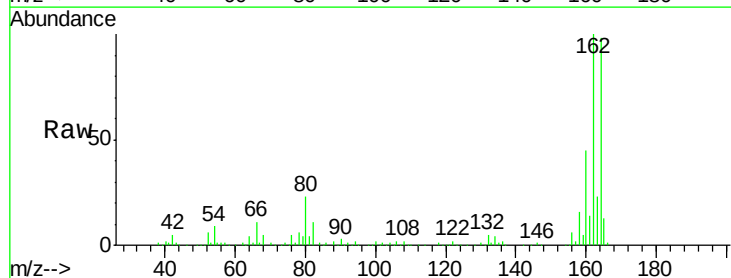
Tgt Ion: 164 Resp: 269334

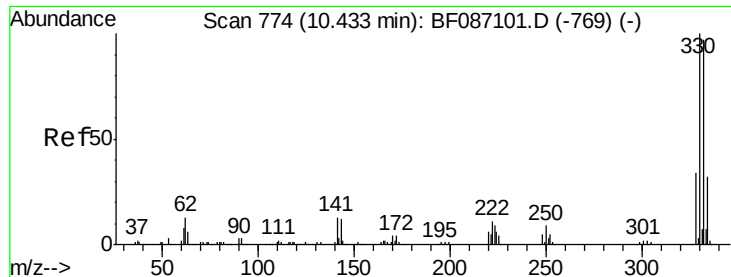
Ion Ratio Lower Upper

164 100

162 102.5 82.8 124.2

160 46.1 36.9 55.3

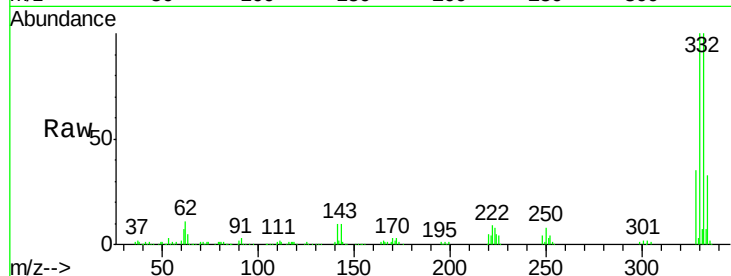




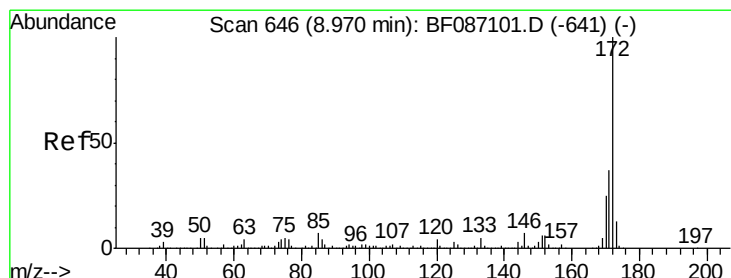
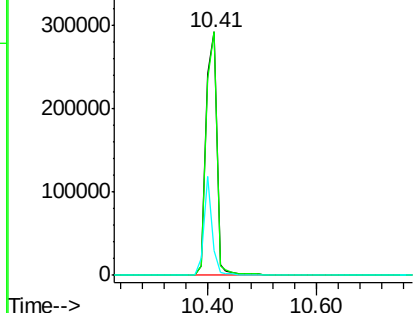
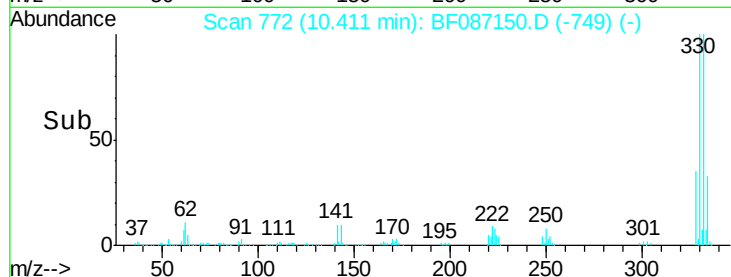
#41
 2,4,6-Tribromophenol
 Concen: 134.46 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.03 min
 Lab File: BF087150.D
 Acq: 18 May 2016 18:20

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMES

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	79.0	118.4
141	30.9	31.2	46.8#

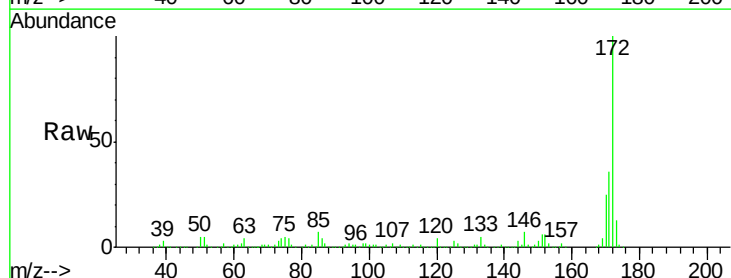


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

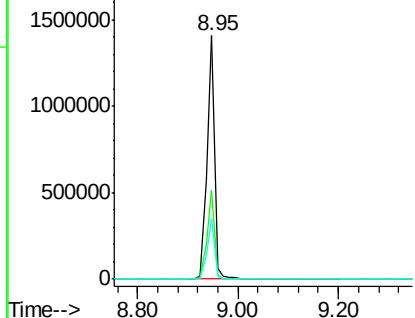
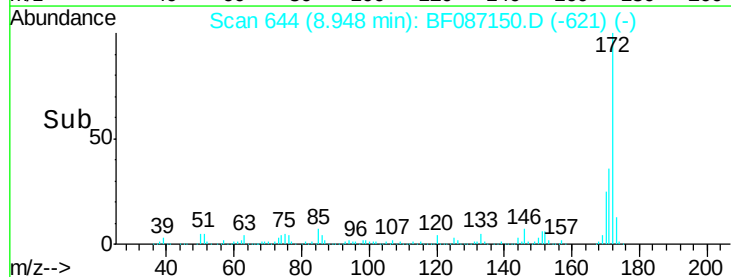


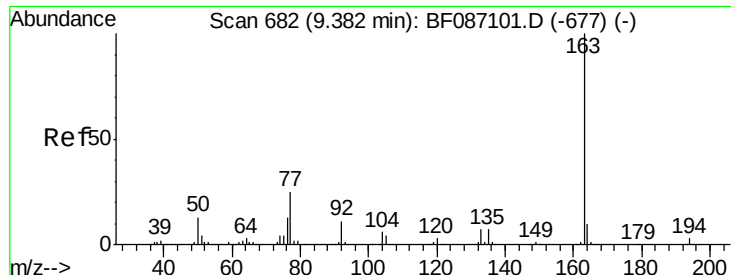
#44
 2-Fluorobiphenyl
 Concen: 89.69 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087150.D
 Acq: 18 May 2016 18:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.7	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





#49

Dimethylphthalate

Concen: 9.73 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF087150.D

Acq: 18 May 2016 18:20

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMES

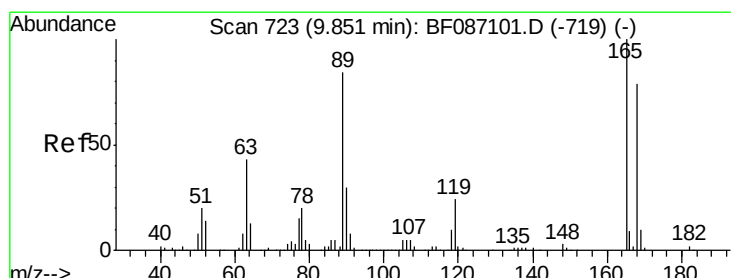
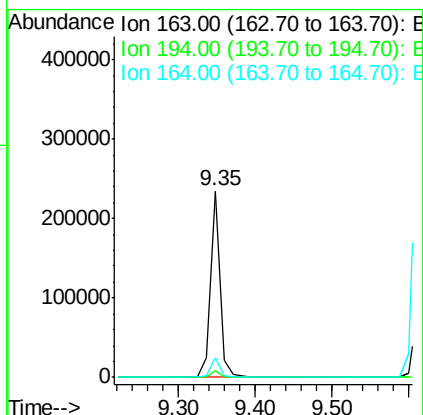
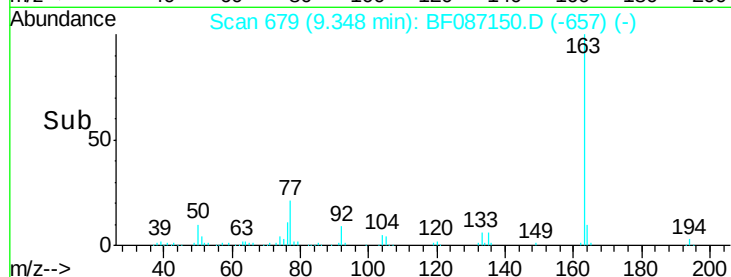
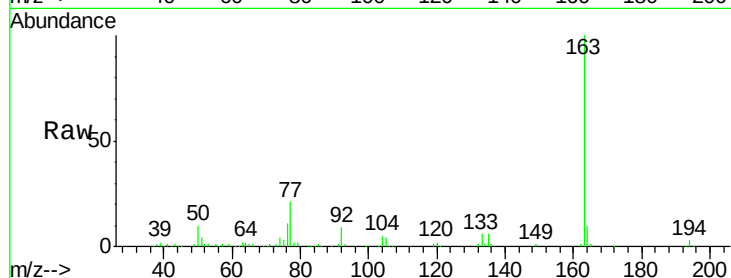
Tgt Ion:163 Resp: 199851

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

164 10.3 8.2 12.4



#56

2,4-Dinitrotoluene

Concen: 6.01 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.25 min

Lab File: BF087150.D

Acq: 18 May 2016 18:20

Tgt Ion:165 Resp: 34351

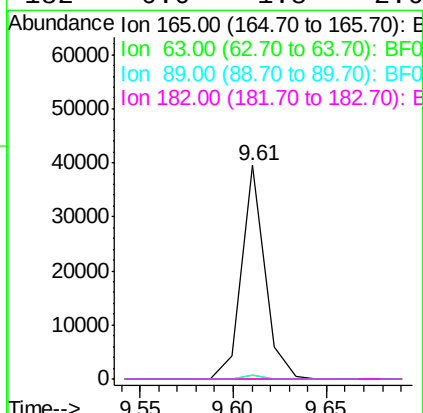
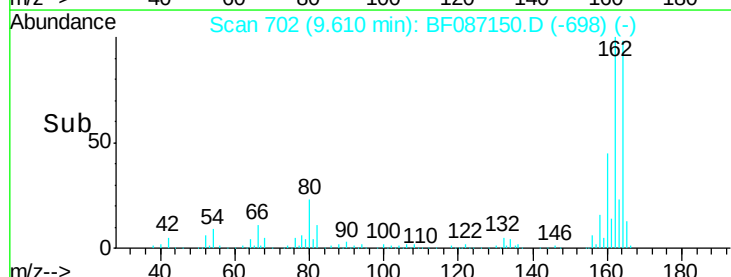
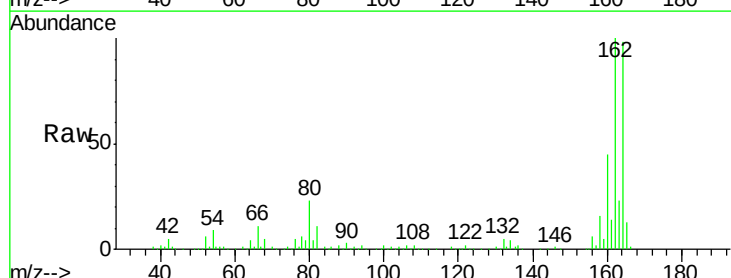
Ion Ratio Lower Upper

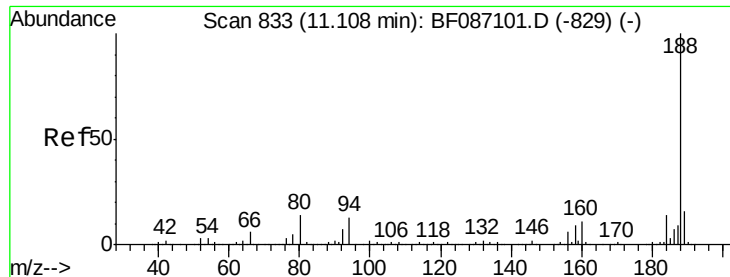
165 100

63 1.7 44.3 66.5#

89 2.0 70.0 105.0#

182 0.0 1.8 2.6#

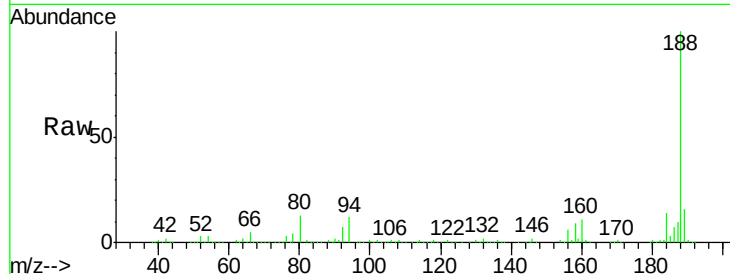




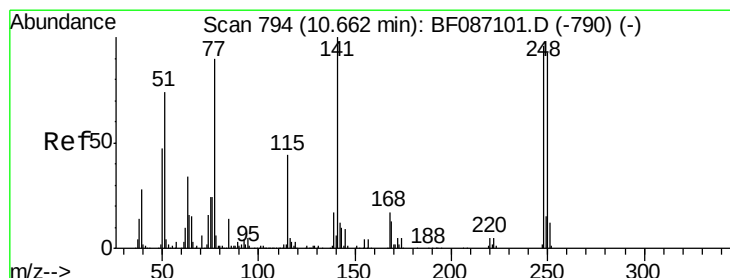
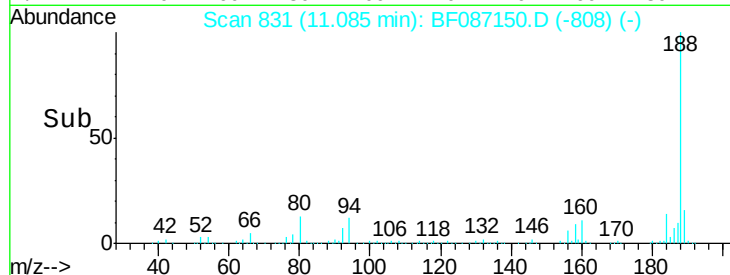
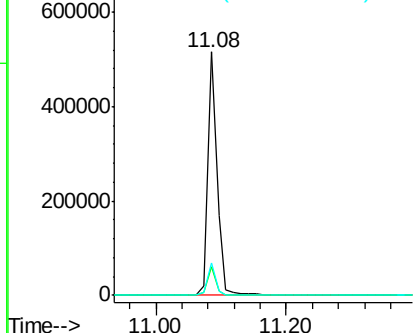
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BF087150.D
 Acq: 18 May 2016 18:20

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMES

Tgt Ion:188 Resp: 511562
 Ion Ratio Lower Upper
 188 100
 94 11.8 6.8 10.2#
 80 13.2 7.1 10.7#

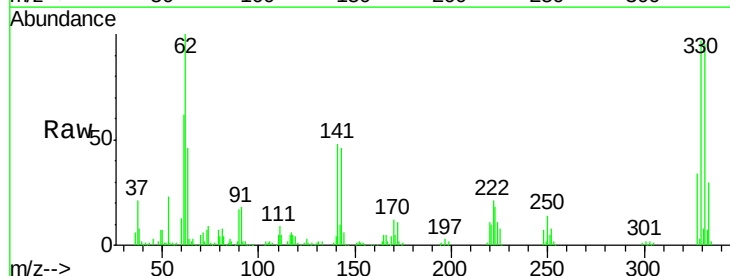


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

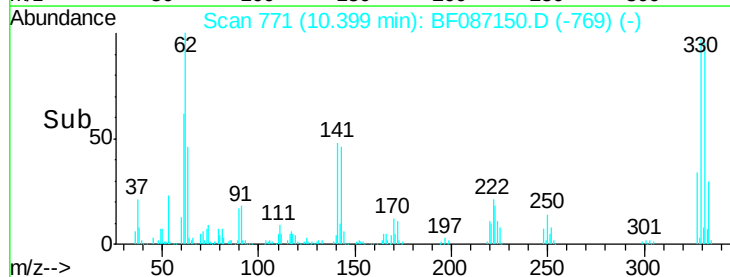
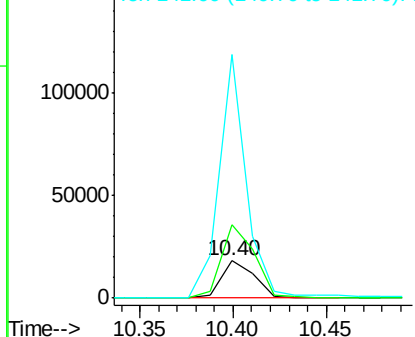


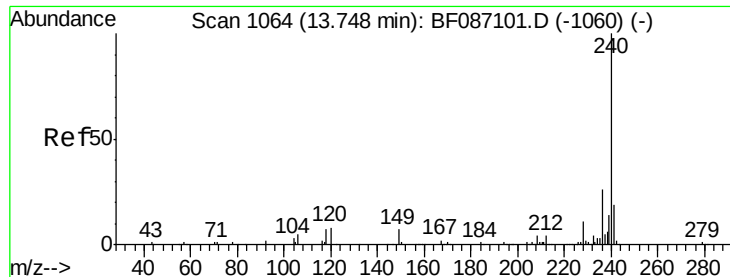
#66
 4-Bromophenyl-phenylether
 Concen: 4.28 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.27 min
 Lab File: BF087150.D
 Acq: 18 May 2016 18:20

Tgt Ion:248 Resp: 22539
 Ion Ratio Lower Upper
 248 100
 250 195.3 78.6 117.8#
 141 652.7 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: 13.71 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF087150.D

Acq: 18 May 2016 18:20

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMES

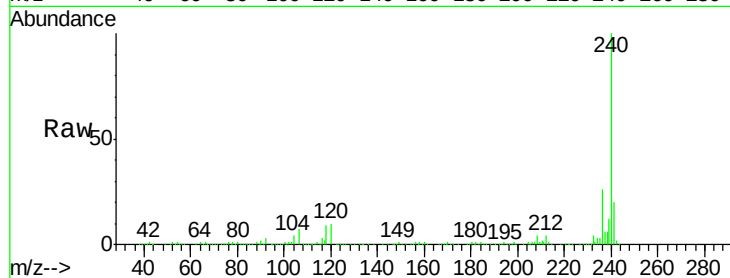
Tgt Ion:240 Resp: 427272

Ion Ratio Lower Upper

240 100

120 10.3 11.2 16.8#

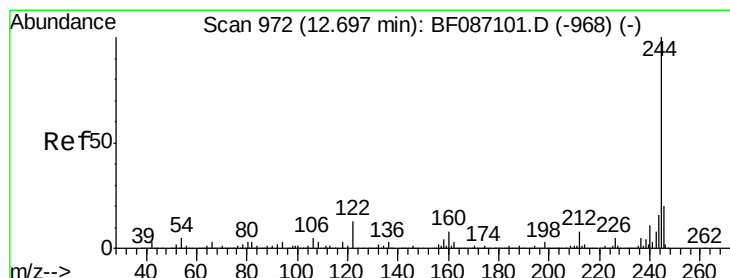
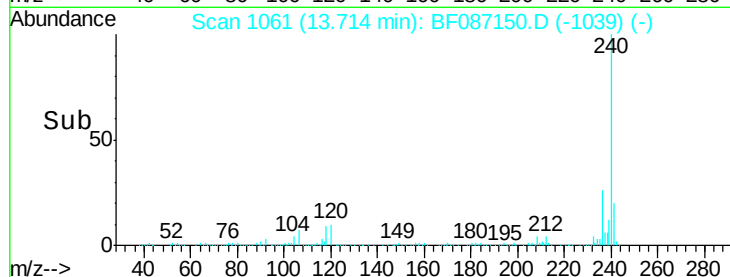
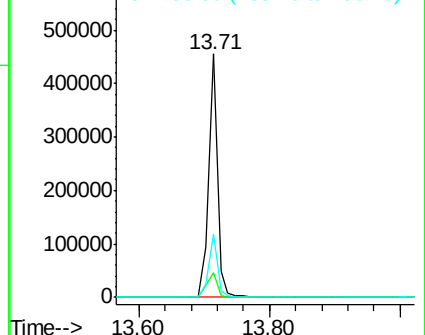
236 25.9 21.2 31.8



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: 68.24 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF087150.D

Acq: 18 May 2016 18:20

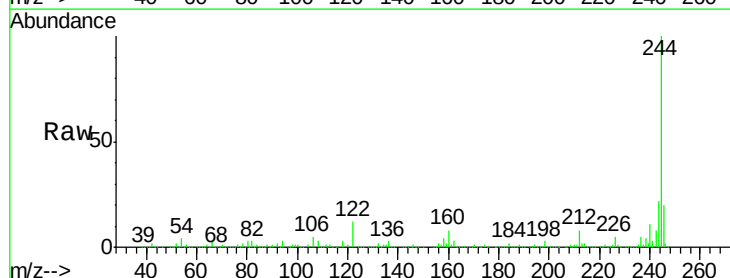
Tgt Ion:244 Resp: 1288893

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

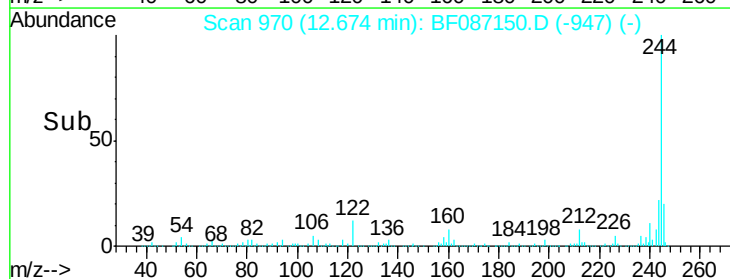
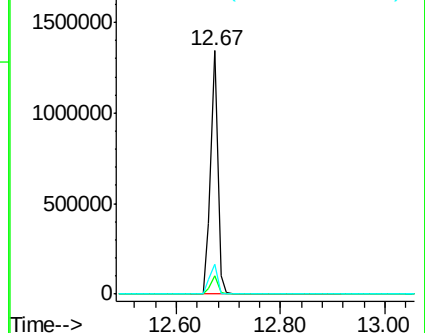
122 12.4 12.0 18.0

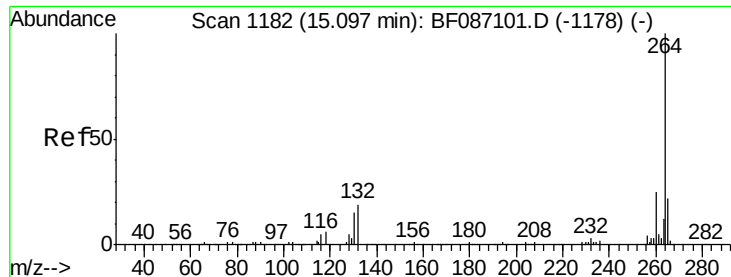


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

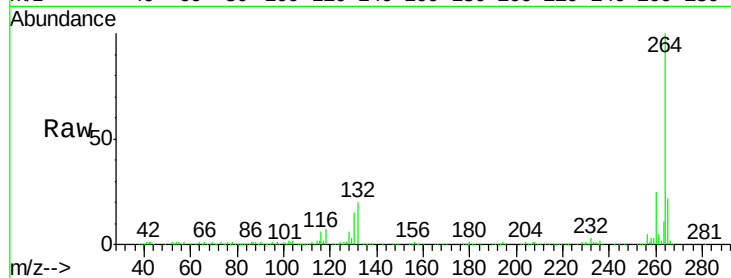




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF087150.D
Acq: 18 May 2016 18:20

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMES

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.8	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

