

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
 Data File : BF087409.D
 Acq On : 26 May 2016 15:28
 Operator : UM/SJ
 Sample : H3137-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMES

Quant Time: May 26 17:53:54 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

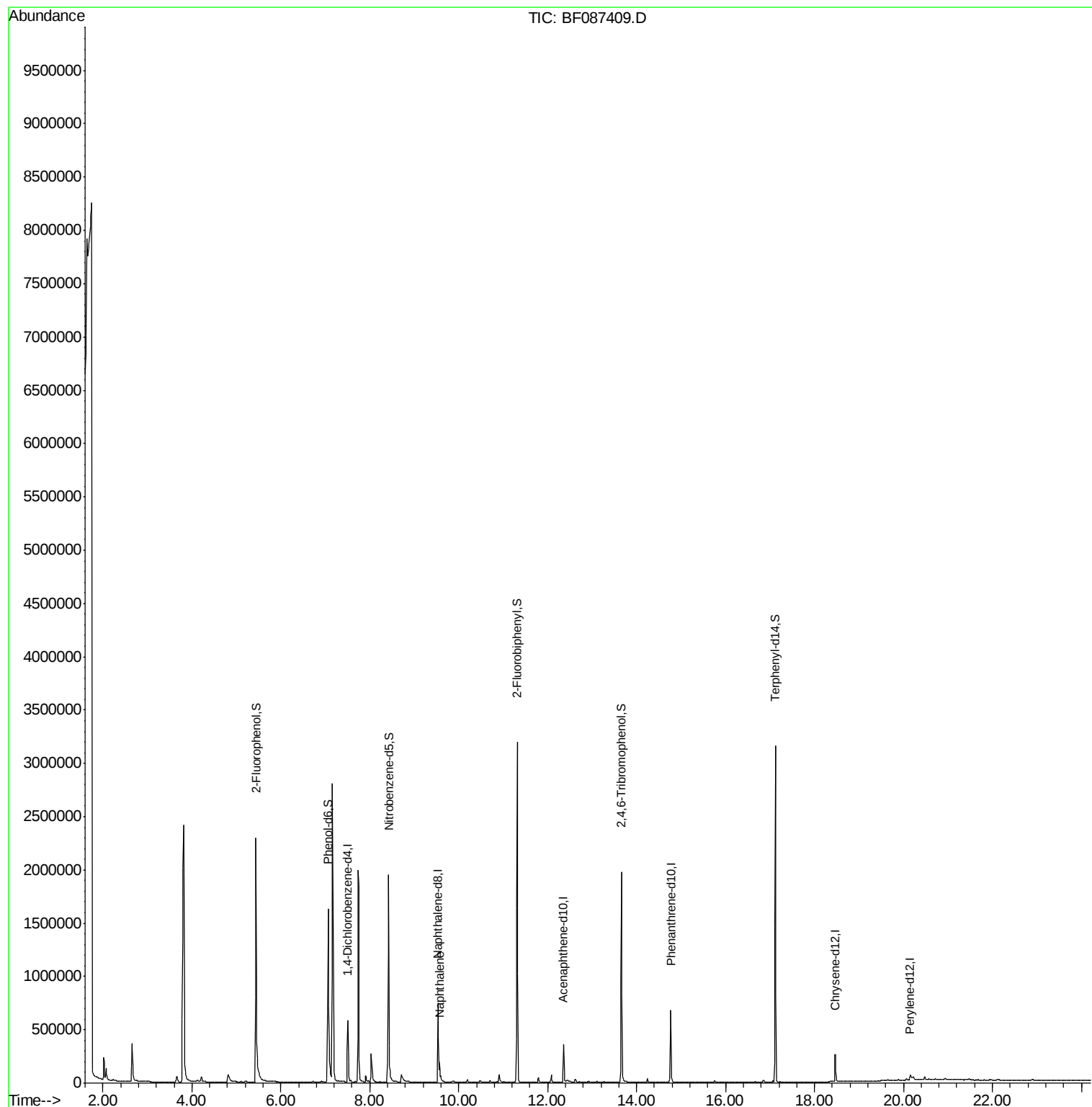
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	108809	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	438823	20.00	ng	-0.02
38) Acenaphthene-d10	12.35	164	103528	20.00	ng	-0.03
63) Phenanthrene-d10	14.77	188	327600	20.00	ng	-0.01
75) Chrysene-d12	18.46	240	83990	20.00	ng	-0.02
86) Perylene-d12	20.14	264	3292	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	866886	139.99	ng	0.02
7) Phenol-d6	7.06	99	713029	85.22	ng	-0.01
23) Nitrobenzene-d5	8.42	82	861299	98.92	ng	-0.02
41) 2,4,6-Tribromophenol	13.66	330	295469	296.99	ng	-0.02
44) 2-Fluorobiphenyl	11.31	172	1375504	187.31	ng	-0.02
78) Terphenyl-d14	17.12	244	965715	244.45	ng	-0.01
Target Compounds						
31) Naphthalene	9.56	128	121029	5.50	ng	Qvalue 98

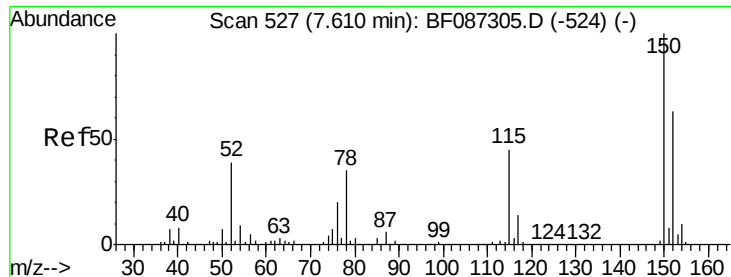
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087409.D

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Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMES

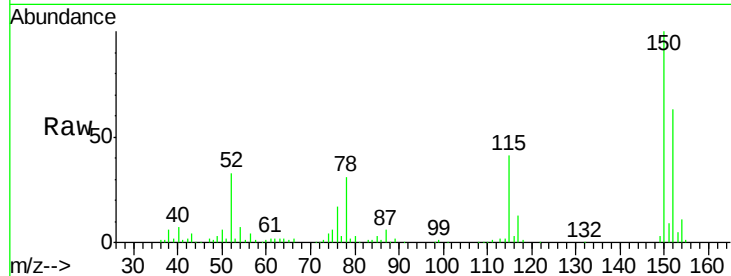
Tot Ion:152 Resp: 108809

Ion Ratio Lower Upper

152 100

150 158.0 125.8 188.6

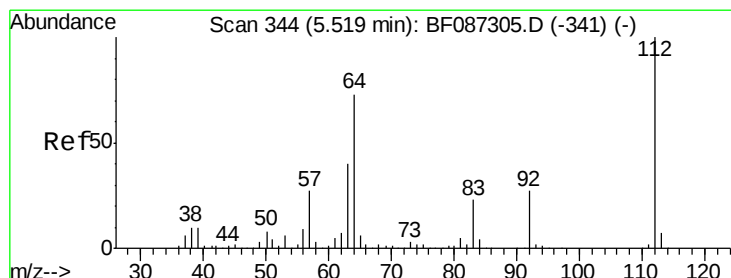
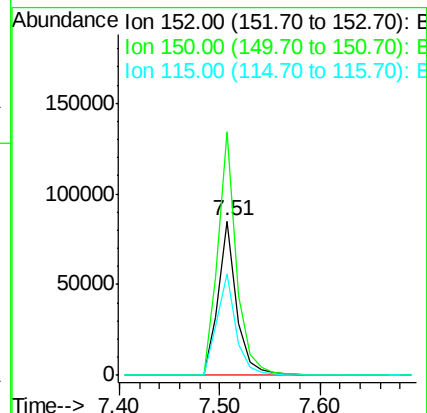
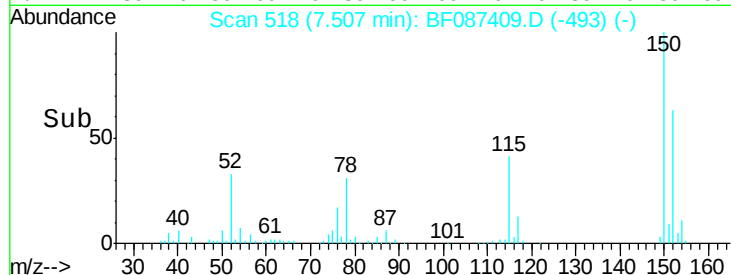
115 65.5 51.5 77.3



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: 139.99 ng

RT: 5.44 min Scan# 337

Delta R.T. 0.02 min

Lab File: BF087409.D

Acq: 26 May 2016 15:28

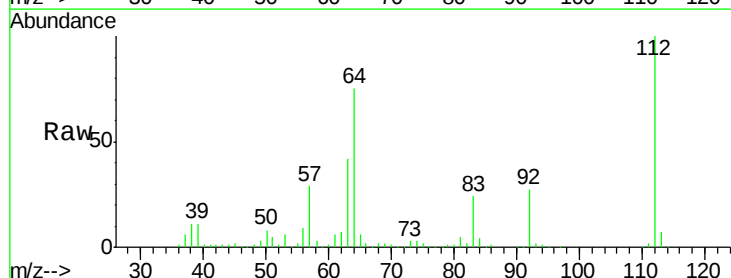
Tgt Ion:112 Resp: 866886

Ion Ratio Lower Upper

112 100

64 75.2 52.1 78.1

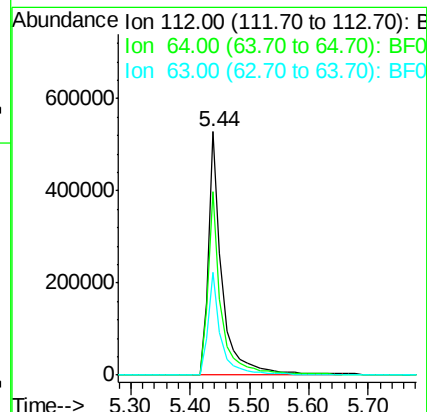
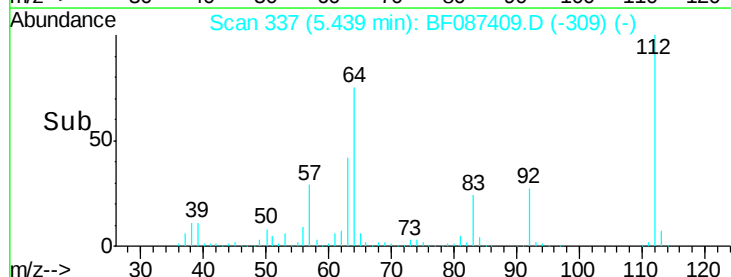
63 42.3 25.7 38.5

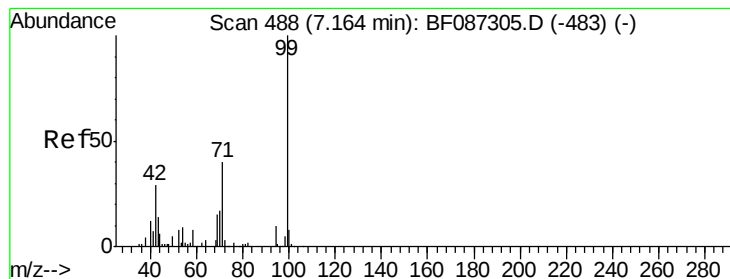


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 85.22 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087409.D

Acq: 26 May 2016 15:28

Instrument :

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BERKSHIRE-HOMES

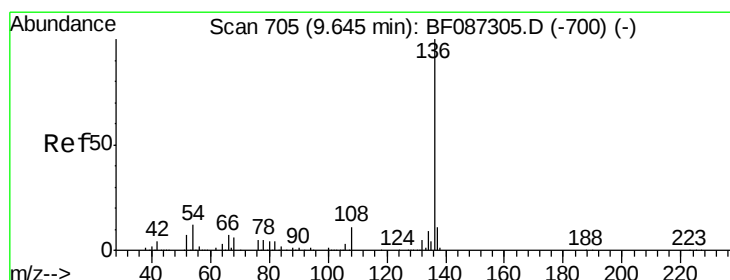
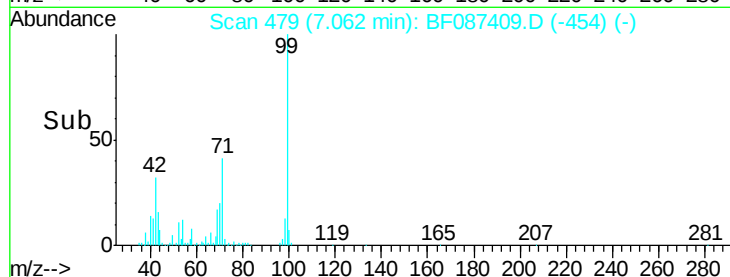
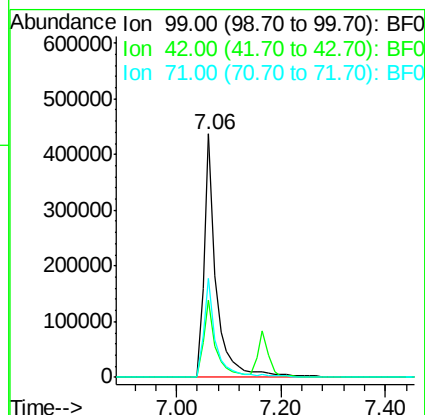
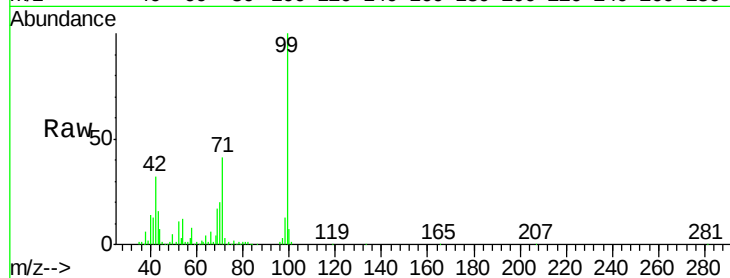
Tot Ion: 99 Resp: 713029

Ion Ratio Lower Upper

99 100

42 31.6 13.6 20.4#

71 40.8 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF087409.D

Acq: 26 May 2016 15:28

Tgt Ion: 136 Resp: 438823

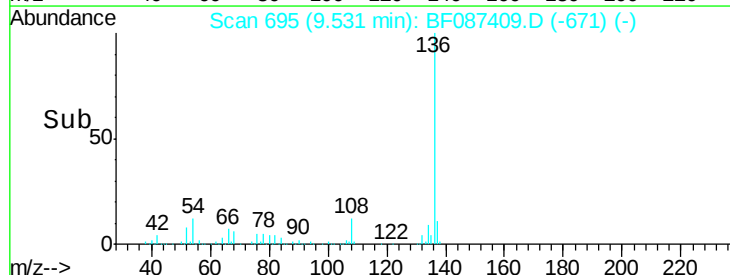
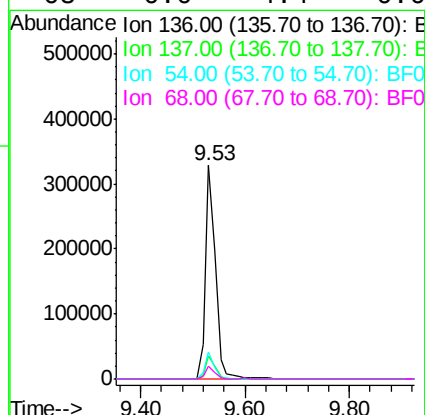
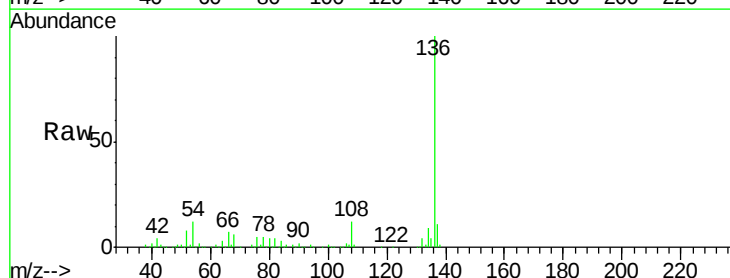
Ion Ratio Lower Upper

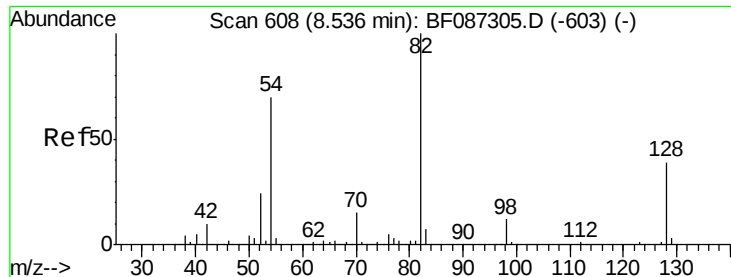
136 100

137 10.8 8.8 13.2

54 12.4 5.0 7.4#

68 6.0 4.4 6.6

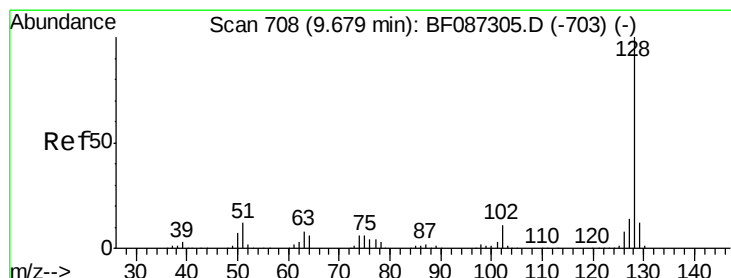
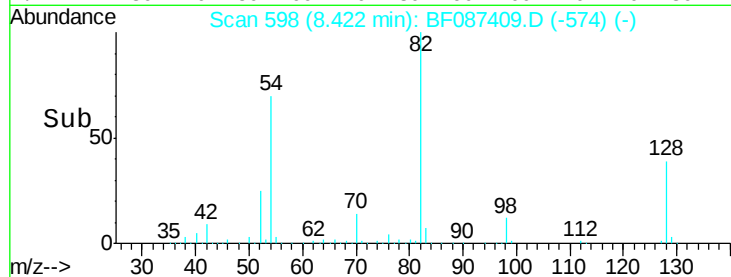
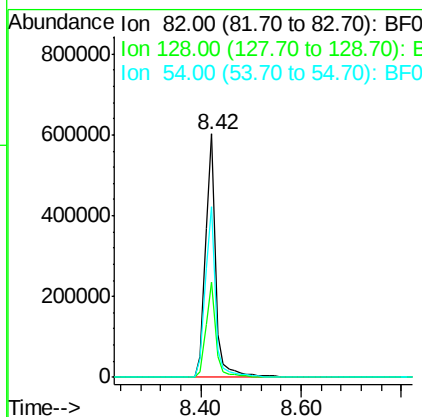
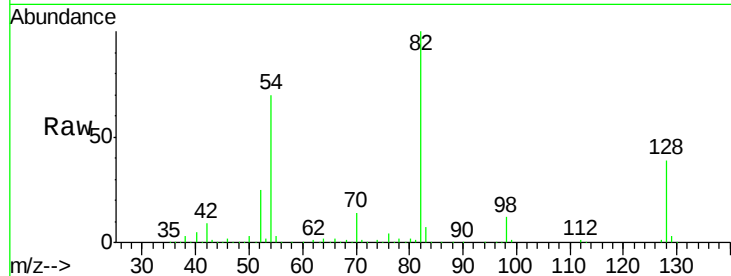




#23
 Nitrobenzene-d5
 Concen: 98.92 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF087409.D
 Acq: 26 May 2016 15:28

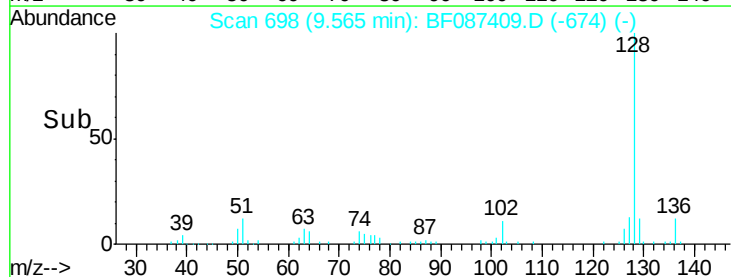
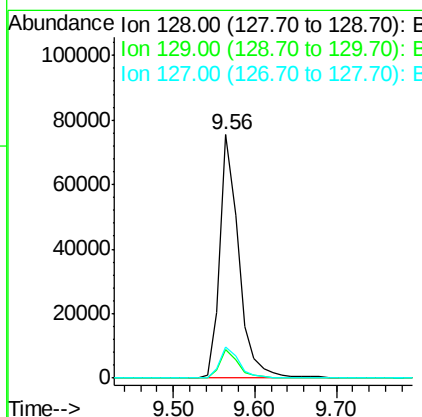
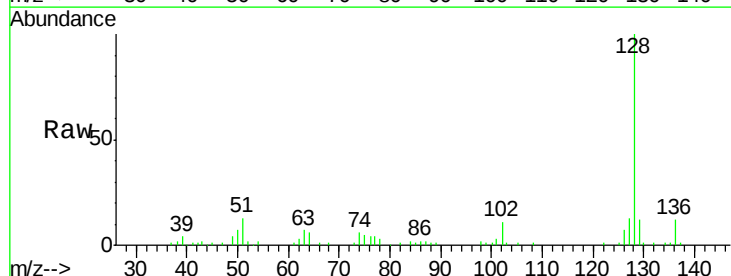
Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMES

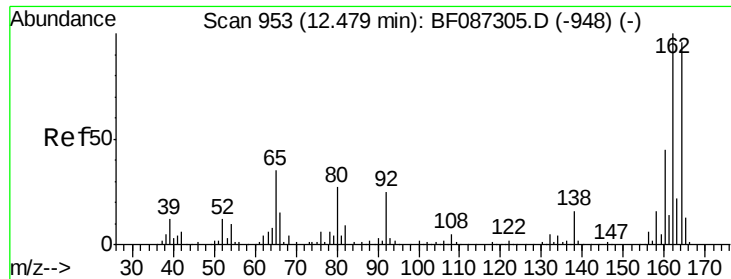
Tot Ion	82	Resp	861299
Ion Ratio	Lower	Upper	
82	100		
128	39.0	40.6	61.0#
54	69.9	38.1	57.1#



#31
 Naphthalene
 Concen: 5.50 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF087409.D
 Acq: 26 May 2016 15:28

Tgt Ion	128	Resp	121029
Ion Ratio	Lower	Upper	
128	100		
129	11.6	8.6	13.0
127	13.0	10.8	16.2

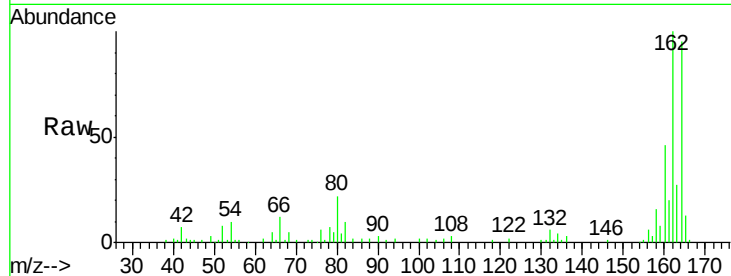




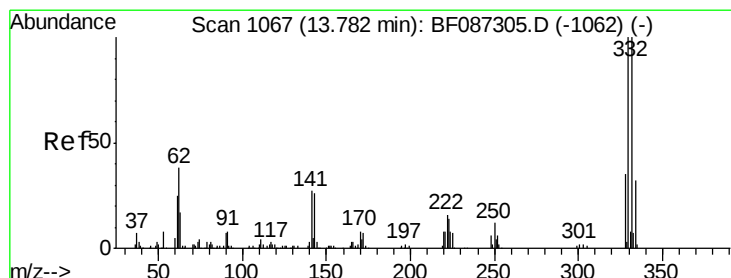
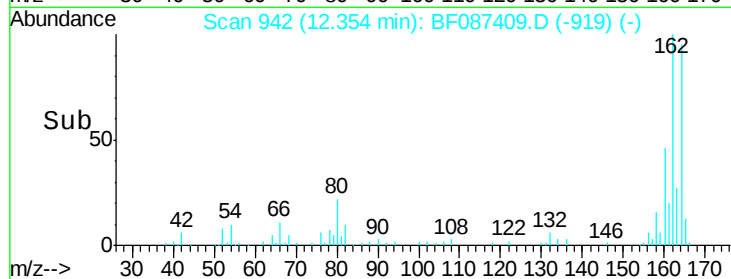
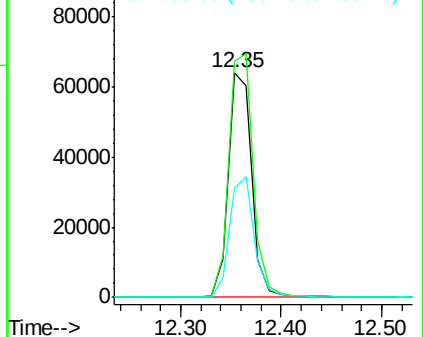
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.35 min Scan# 942
 Delta R.T. -0.03 min
 Lab File: BF087409.D
 Acq: 26 May 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMES

Tot Ion:164 Resp: 103528
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.8 124.2
 160 48.8 36.9 55.3

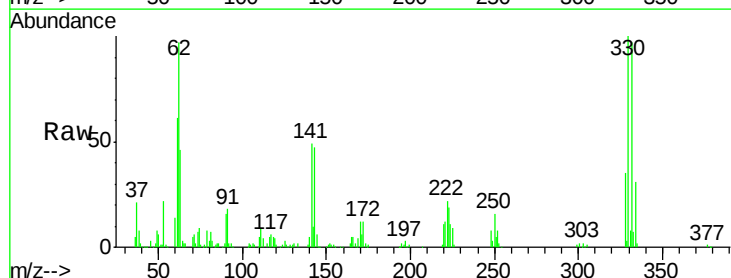


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

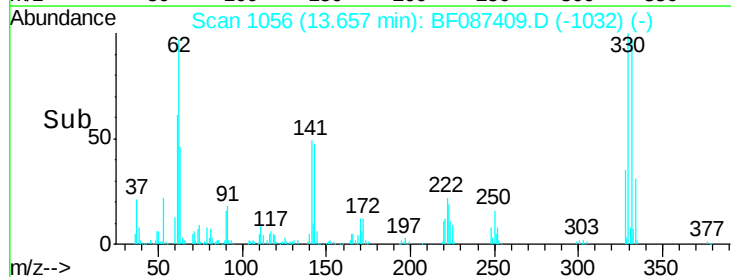
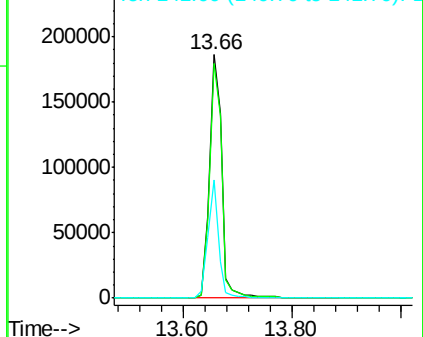


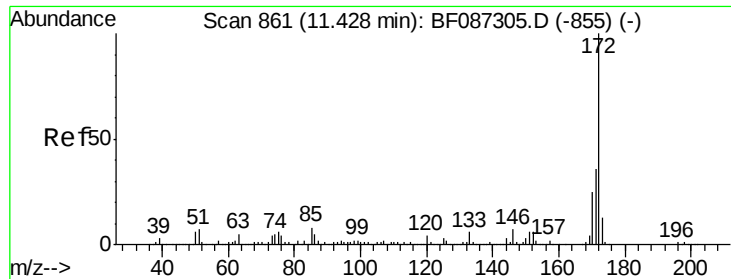
#41
 2,4,6-Tribromophenol
 Concen: 296.99 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.02 min
 Lab File: BF087409.D
 Acq: 26 May 2016 15:28

Tgt Ion:330 Resp: 295469
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.0 118.4
 141 42.5 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

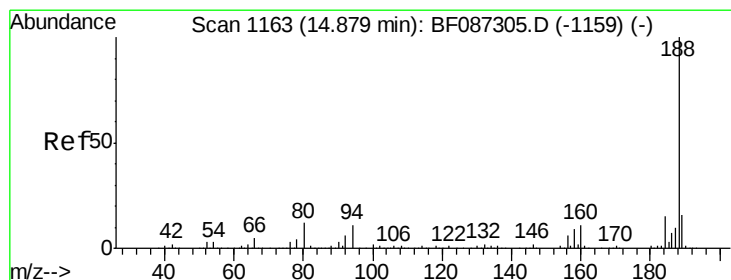
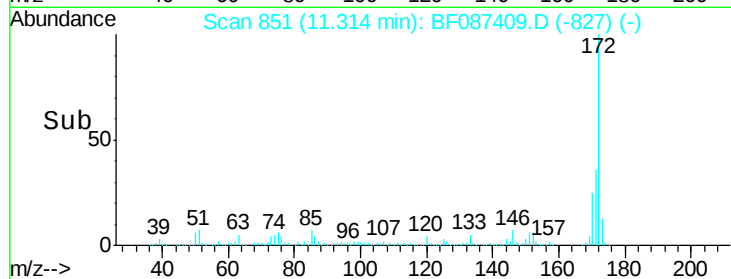
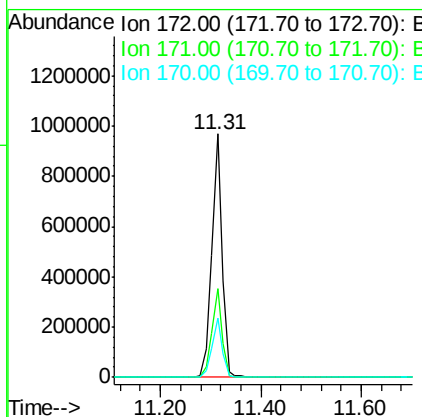
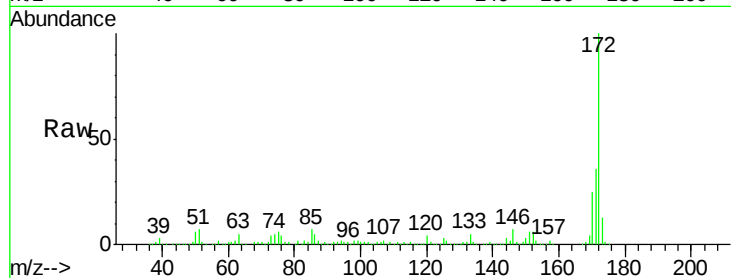




#44
 2-Fluorobiphenyl
 Concen: 187.31 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BF087409.D
 Acq: 26 May 2016 15:28

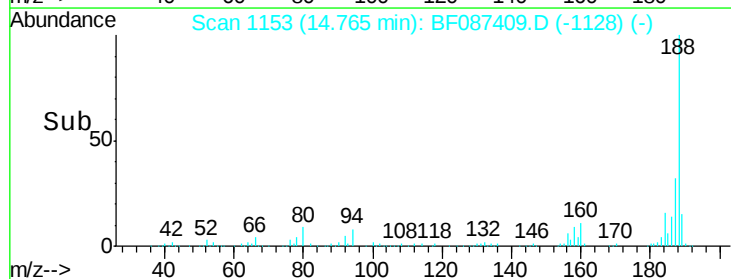
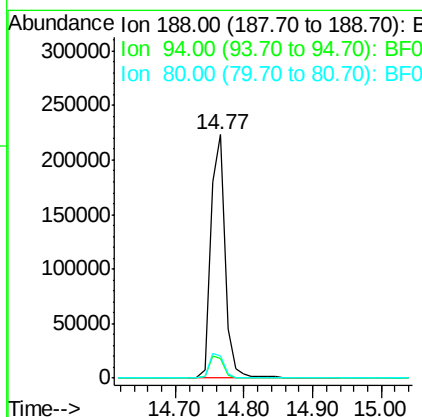
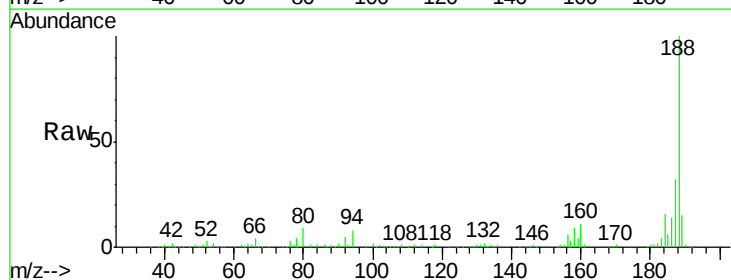
Instrument :
 BNA_F
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 BERKSHIRE-HOMES

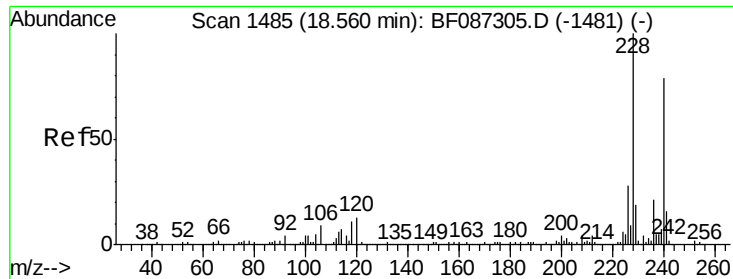
Tot Ion:172 Resp: 1375504
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.6 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF087409.D
 Acq: 26 May 2016 15:28

Tgt Ion:188 Resp: 327600
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.8 10.2
 80 9.1 7.1 10.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.46 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BF087409.D

Acq: 26 May 2016 15:28

Instrument :

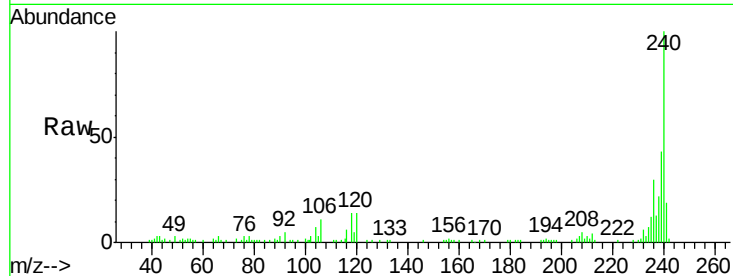
BNA_F

ClientSampleId :

BERKSHIRE-HOMES

Tot Ion:240 Resp: 83990

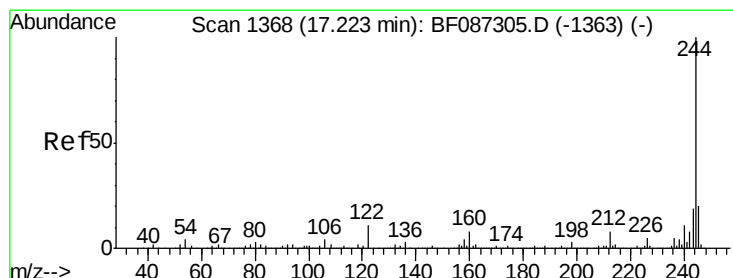
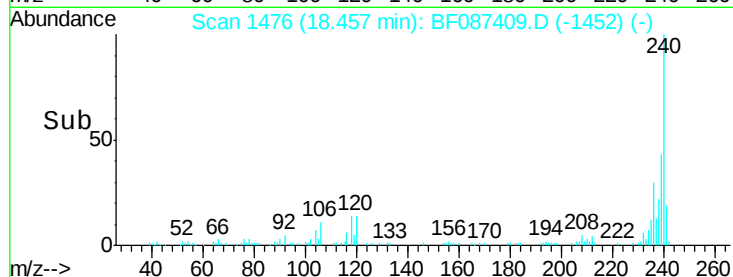
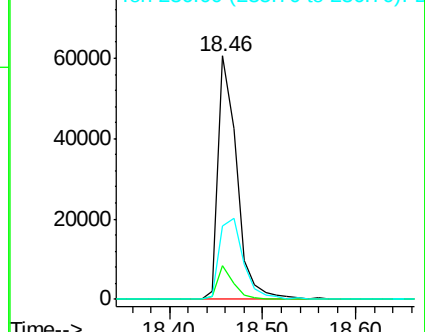
Ion	Ratio	Lower	Upper
240	100		
120	14.0	11.2	16.8
236	30.2	21.2	31.8



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: 244.45 ng

RT: 17.12 min Scan# 1359

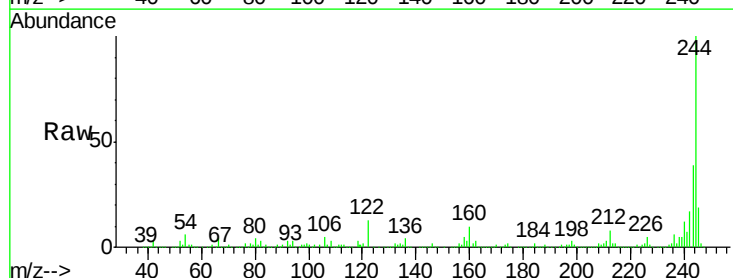
Delta R.T. -0.01 min

Lab File: BF087409.D

Acq: 26 May 2016 15:28

Tgt Ion:244 Resp: 965715

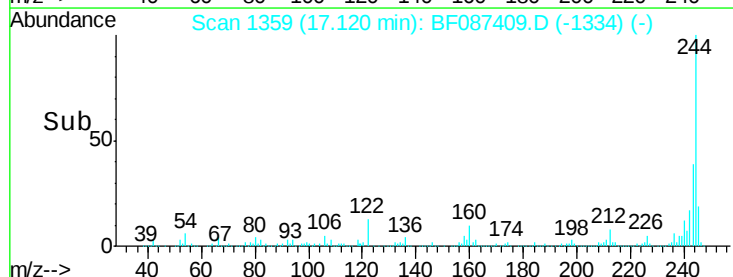
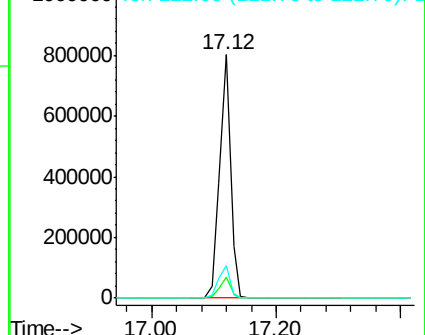
Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.2	9.2
122	13.1	12.0	18.0

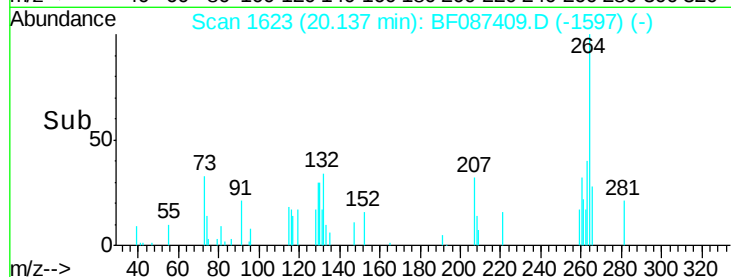
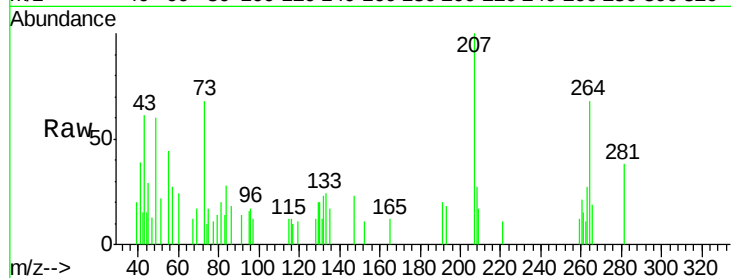
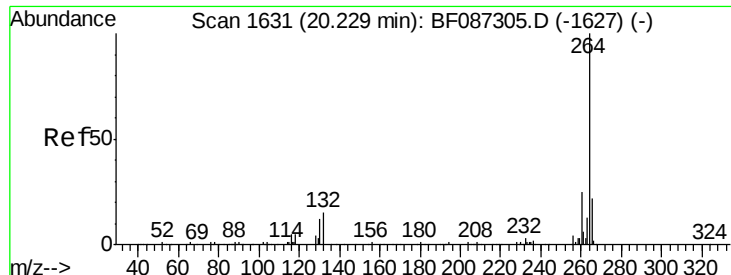


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.14 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF087409.D
 Acq: 26 May 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion: 264 Resp: 3292
 Ion Ratio Lower Upper
 264 100
 260 31.6 19.5 29.3#
 265 27.9 17.3 25.9#

