

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
 Data File : BF087546.D
 Acq On : 30 May 2016 12:29
 Operator : UM/SJ
 Sample : H3295-03
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R1-MW3-GW

Quant Time: May 31 00:39:17 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

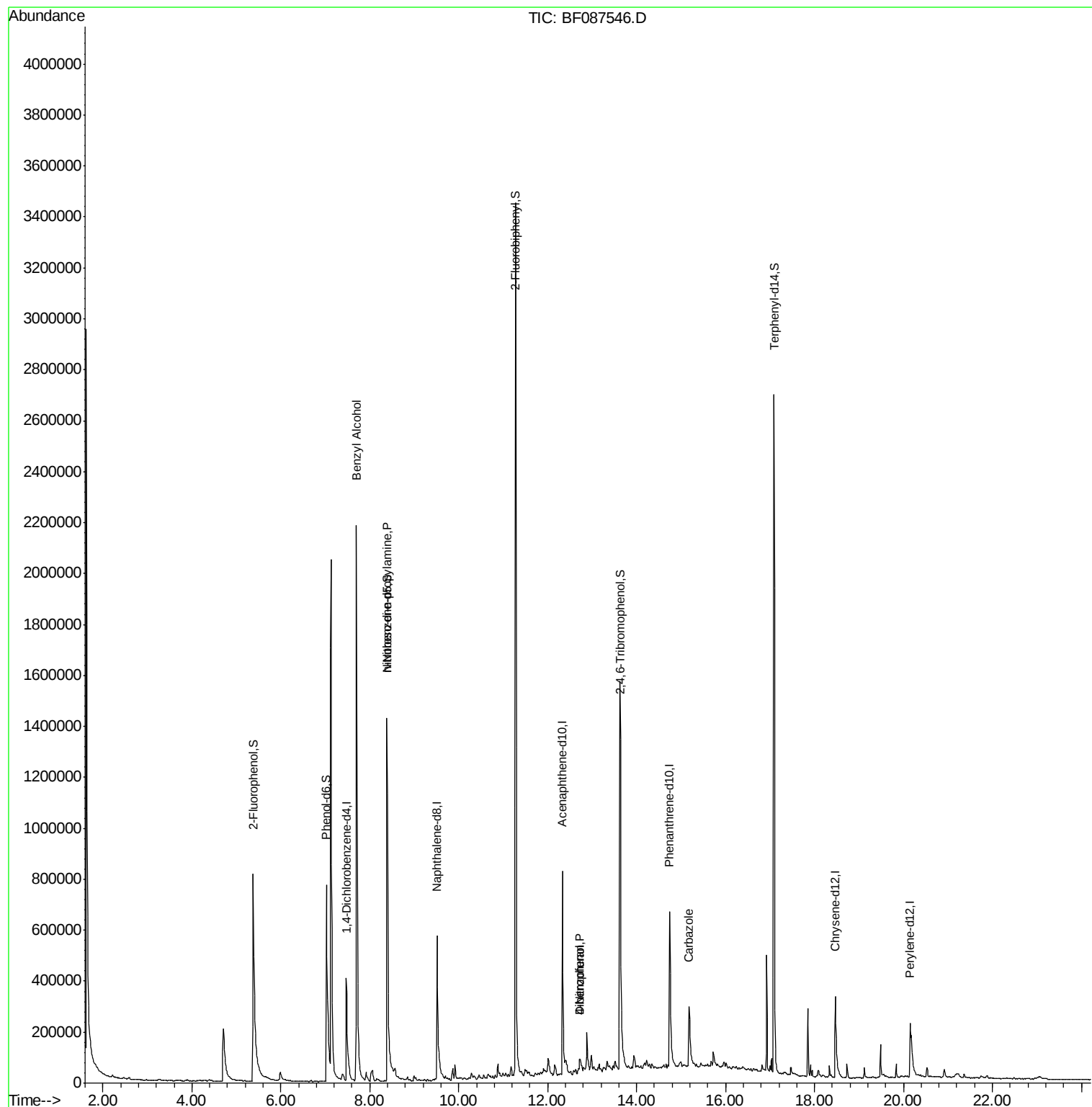
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	124976	20.00	ng	-0.05
21) Naphthalene-d8	9.51	136	498852	20.00	ng	-0.05
38) Acenaphthene-d10	12.33	164	219684	20.00	ng	-0.06
63) Phenanthrene-d10	14.74	188	401077	20.00	ng	-0.03
75) Chrysene-d12	18.47	240	266785	20.00	ng	-0.01
86) Perylene-d12	20.15	264	239083	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	525518	73.89	ng	-0.03
7) Phenol-d6	7.03	99	506361	52.69	ng	-0.05
23) Nitrobenzene-d5	8.39	82	859255	86.81	ng	-0.06
41) 2,4,6-Tribromophenol	13.63	330	284309	134.67	ng	-0.05
44) 2-Fluorobiphenyl	11.28	172	1373337	88.13	ng	-0.06
78) Terphenyl-d14	17.09	244	1123761	89.55	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	7.70	79	15806	2.26	ng	# 41
19) n-Nitroso-di-n-propylamine	8.39	70	106249	14.82	ng	# 73
54) Dibenzofuran	12.73	168	44824	2.40	ng	# 91
55) 4-Nitrophenol	12.73	139	22132	12.75	ng	# 27
72) Carbazole	15.18	167	232417	12.14	ng	98

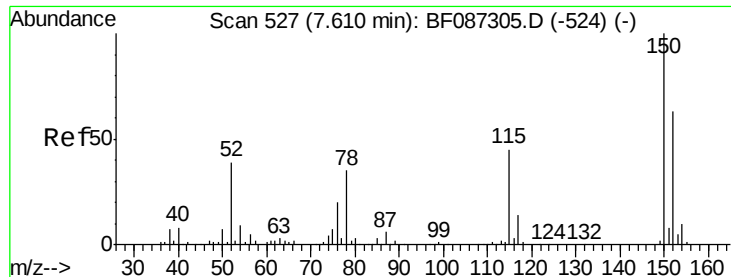
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF087546.D

Acq: 30 May 2016 12:29

Instrument :

BNA_F

ClientSampleId :

R1-MW3-GW

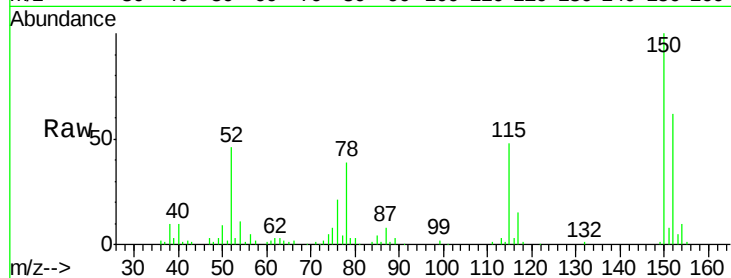
Tgt Ion:152 Resp: 124976

Ion Ratio Lower Upper

152 100

150 161.8 125.8 188.6

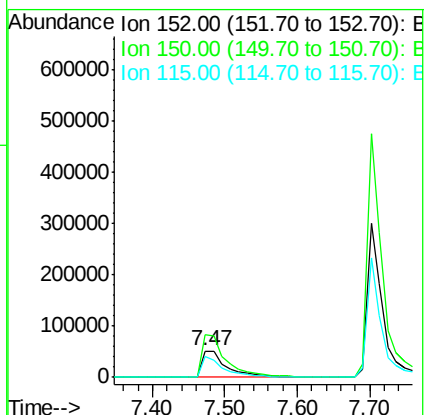
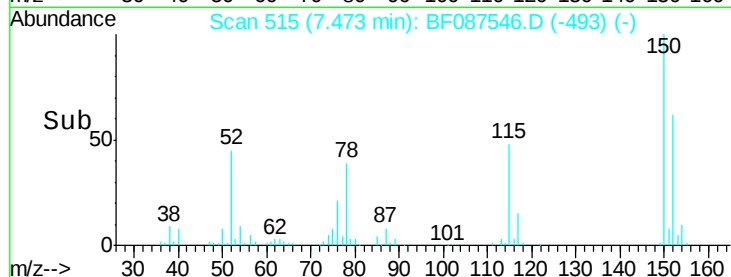
115 77.0 51.5 77.3



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: 73.89 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.03 min

Lab File: BF087546.D

Acq: 30 May 2016 12:29

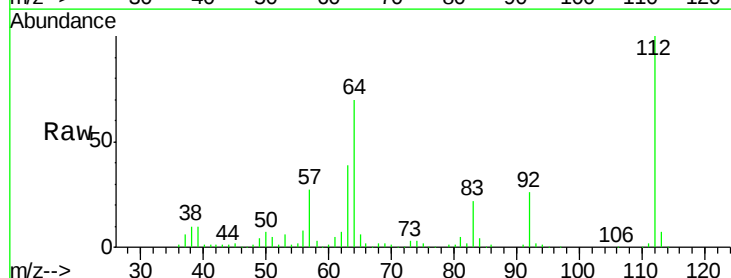
Tgt Ion:112 Resp: 525518

Ion Ratio Lower Upper

112 100

64 69.6 52.1 78.1

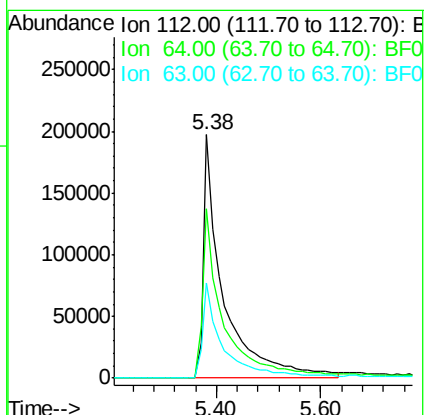
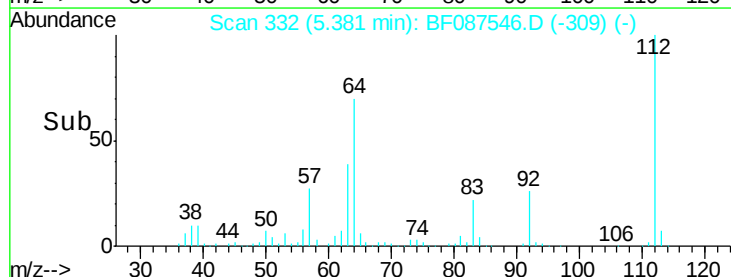
63 39.0 25.7 38.5



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: 52.69 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.05 min

Lab File: BF087546.D

Acq: 30 May 2016 12:29

Instrument :

BNA_F

ClientSampleId :

R1-MW3-GW

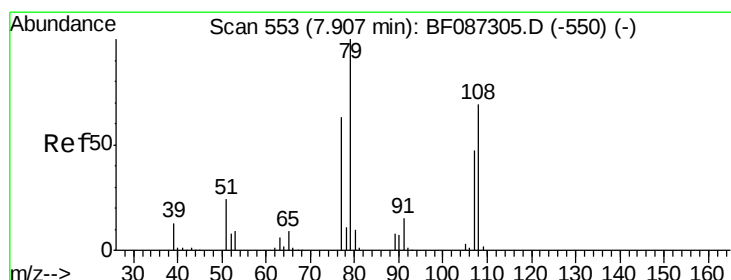
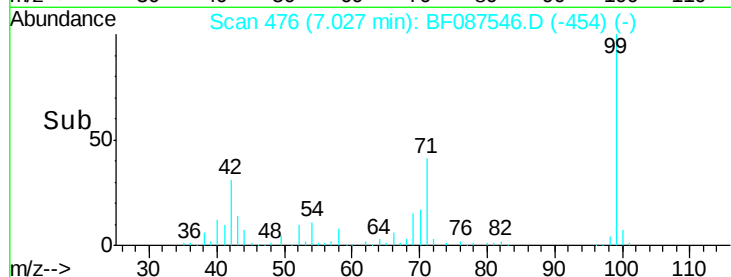
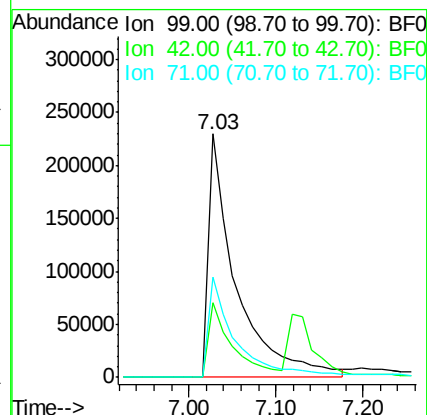
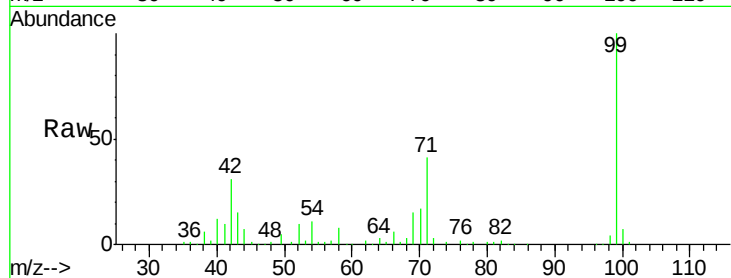
Tgt Ion: 99 Resp: 506361

Ion Ratio Lower Upper

99 100

42 30.6 13.6 20.4#

71 41.4 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.26 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.11 min

Lab File: BF087546.D

Acq: 30 May 2016 12:29

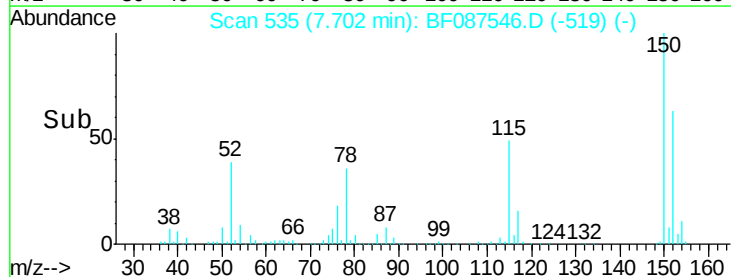
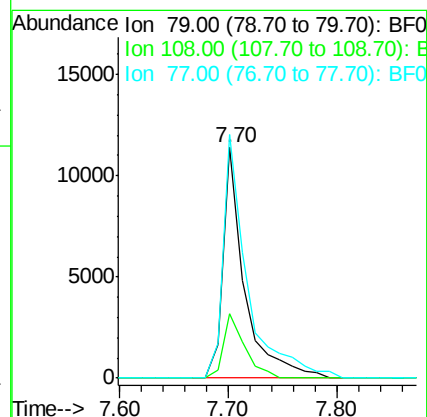
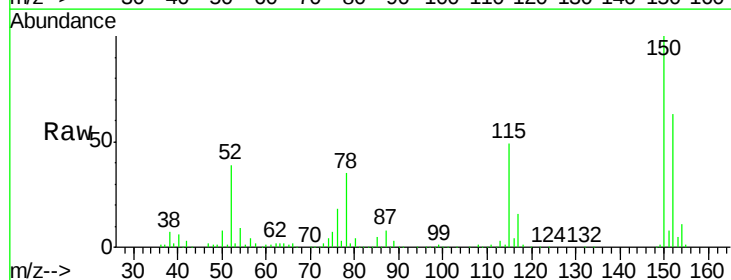
Tgt Ion: 79 Resp: 15806

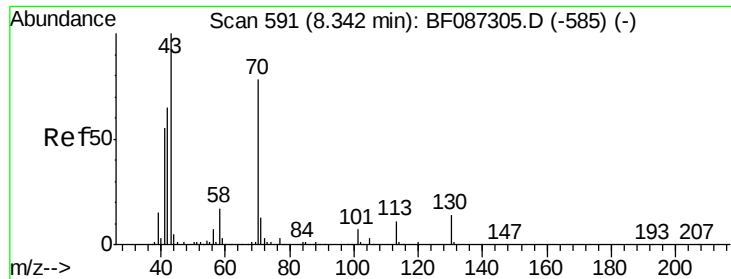
Ion Ratio Lower Upper

79 100

108 27.9 68.4 102.6#

77 105.7 50.6 76.0#

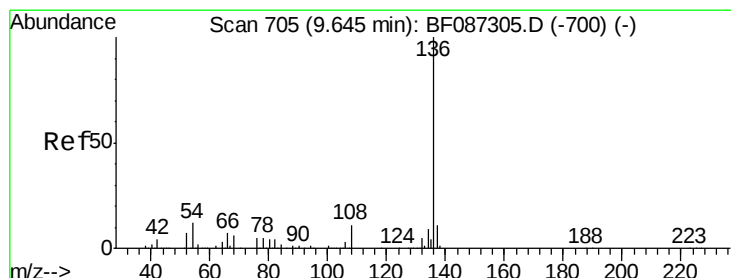
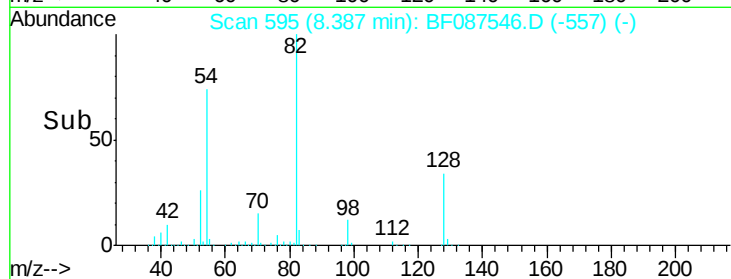
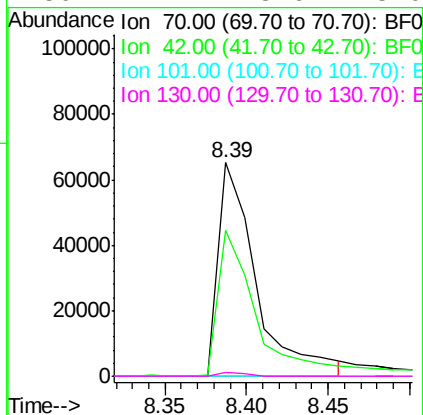
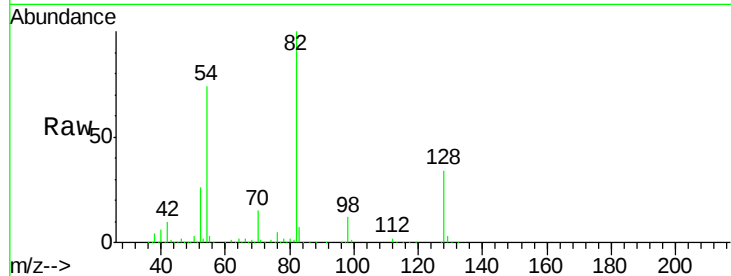




#19
n-Nitroso-di-n-propylamine
Concen: 14.82 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.14 min
Lab File: BF087546.D
Acq: 30 May 2016 12:29

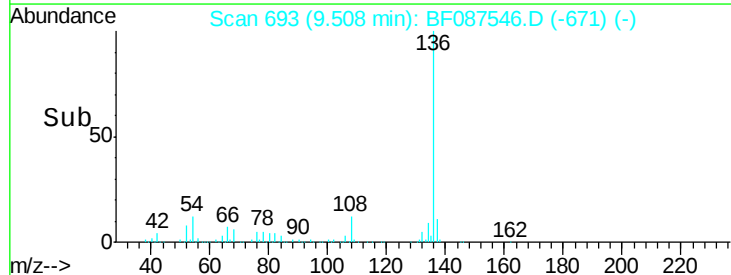
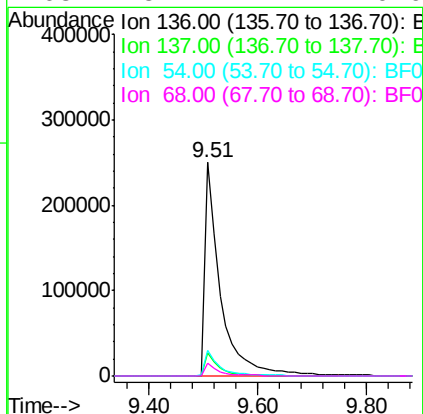
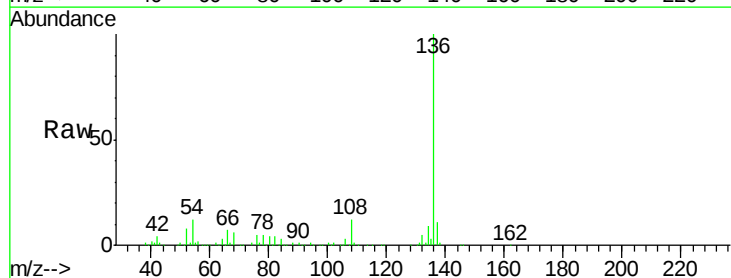
Instrument :
BNA_F
ClientSampleId :
R1-MW3-GW

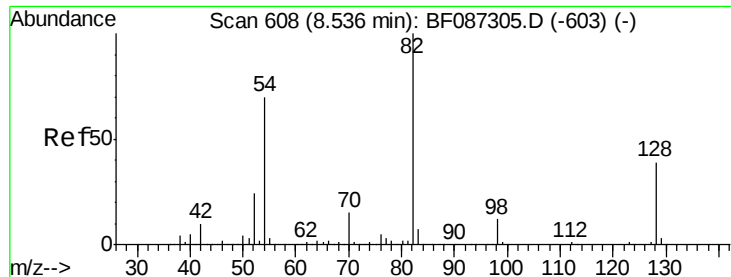
Tgt Ion: 70 Resp: 106249
Ion Ratio Lower Upper
70 100
42 68.4 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF087546.D
Acq: 30 May 2016 12:29

Tgt Ion: 136 Resp: 498852
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 12.2 5.0 7.4#
68 5.7 4.4 6.6

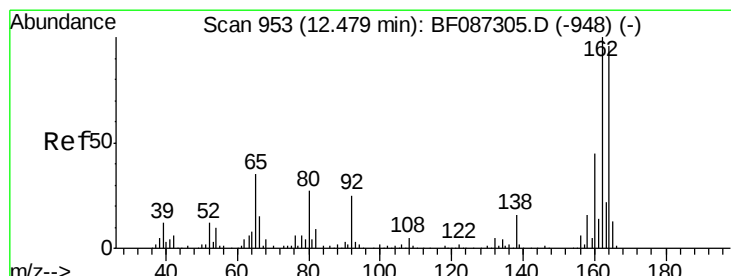
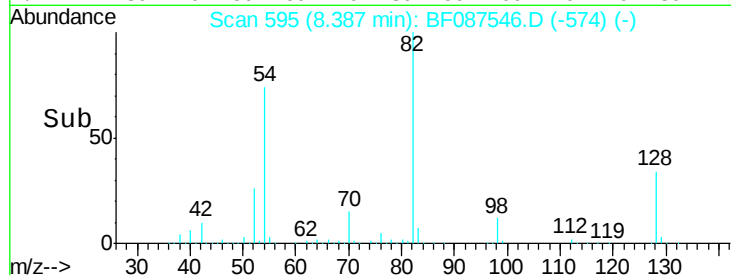
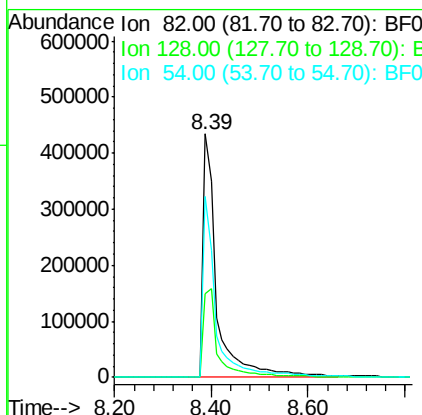
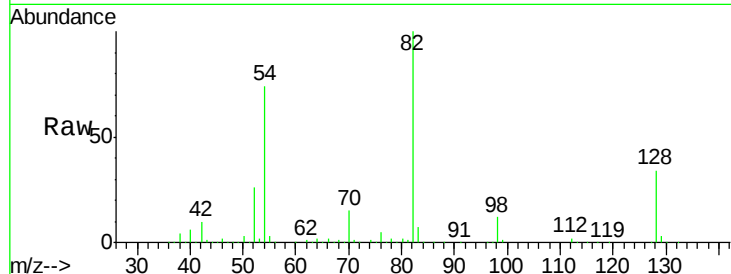




#23
 Nitrobenzene-d5
 Concen: 86.81 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.06 min
 Lab File: BF087546.D
 Acq: 30 May 2016 12:29

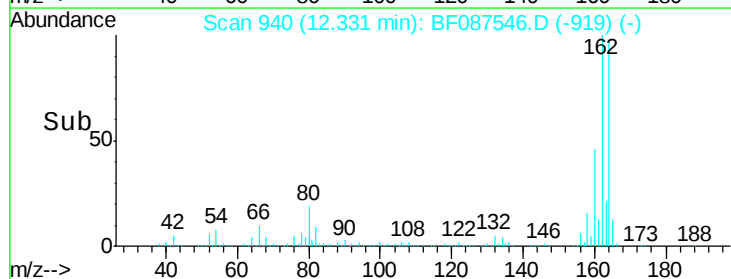
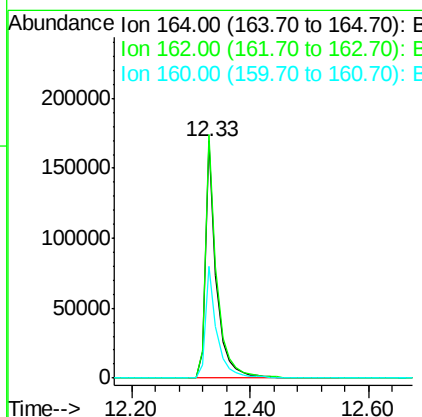
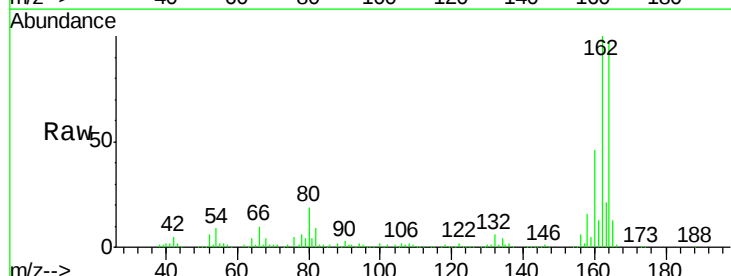
Instrument :
 BNA_F
 ClientSampleId :
 R1-MW3-GW

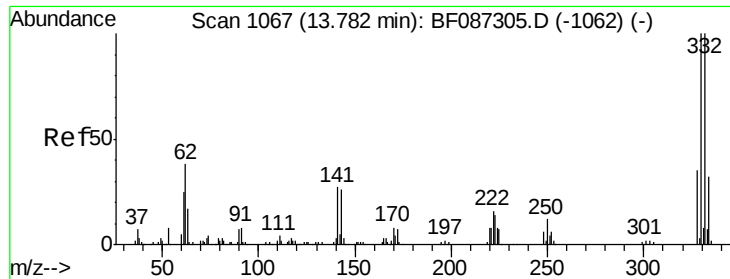
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.1	40.6	61.0#
54	74.1	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.06 min
 Lab File: BF087546.D
 Acq: 30 May 2016 12:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.8	124.2
160	47.1	36.9	55.3

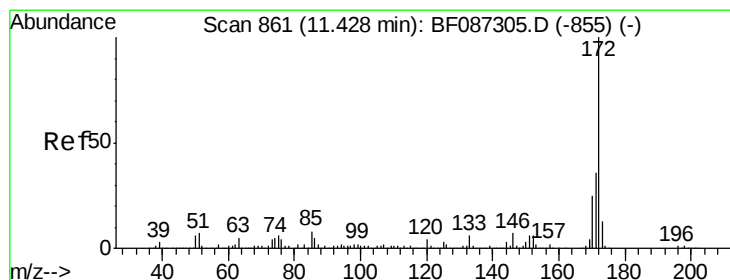
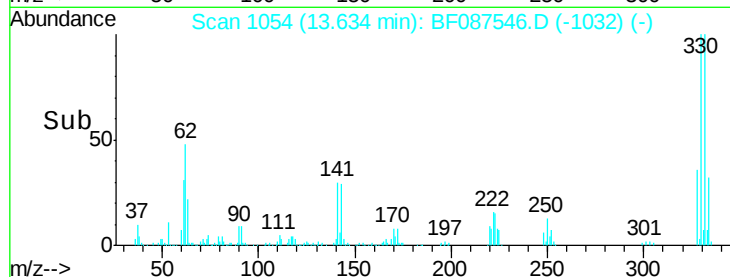
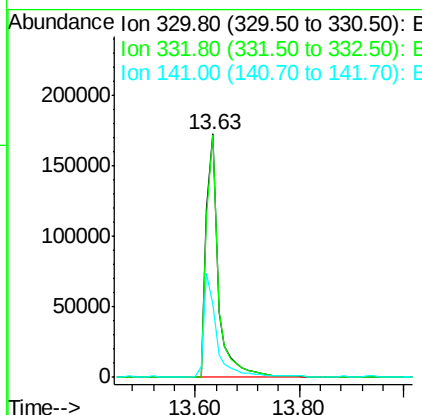
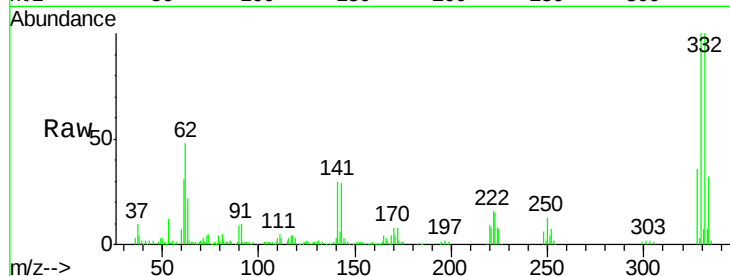




#41
 2,4,6-Tribromophenol
 Concen: 134.67 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.05 min
 Lab File: BF087546.D
 Acq: 30 May 2016 12:29

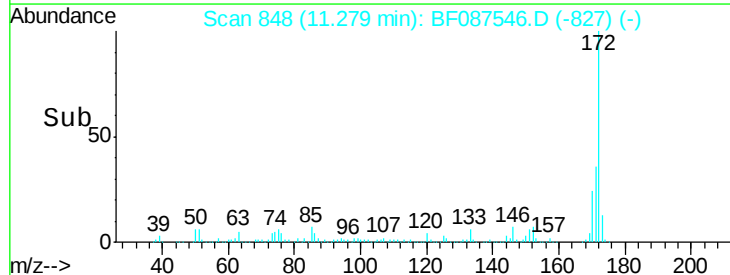
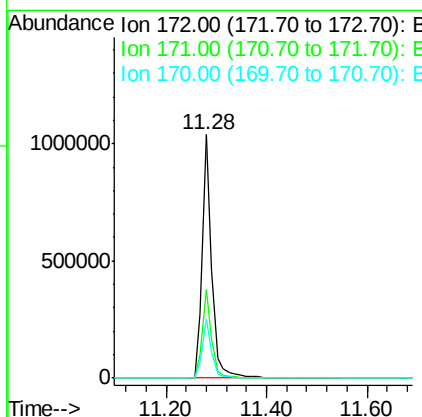
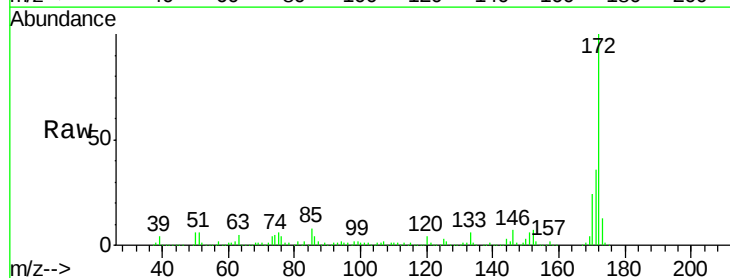
Instrument :
 BNA_F
 ClientSampleId :
 R1-MW3-GW

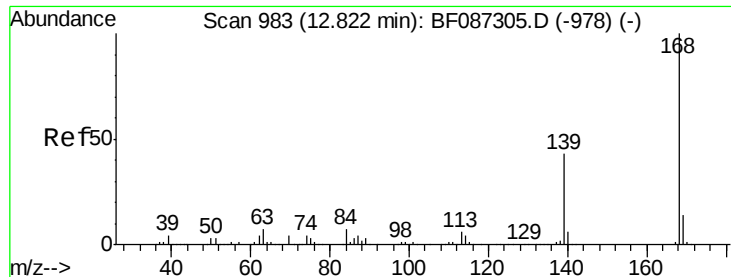
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	79.0	118.4
141	43.5	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 88.13 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.06 min
 Lab File: BF087546.D
 Acq: 30 May 2016 12:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.4	19.8	29.8

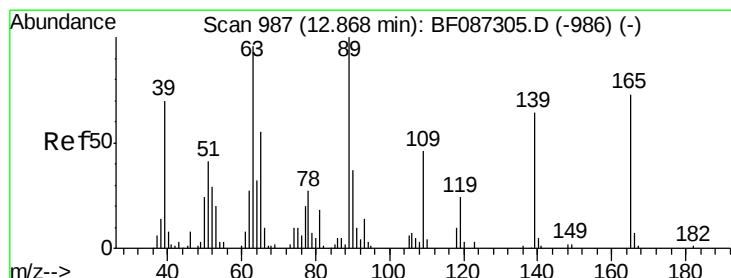
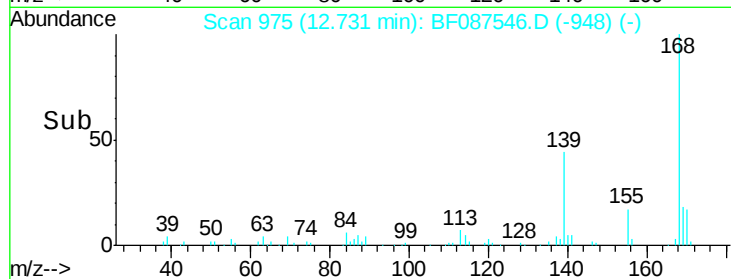
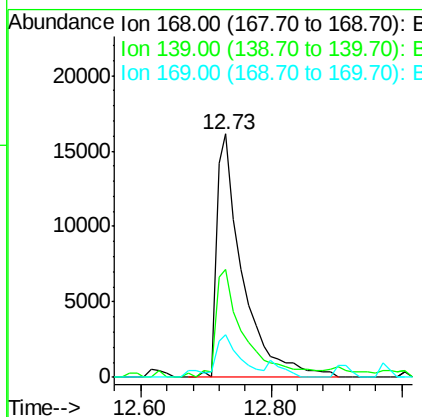
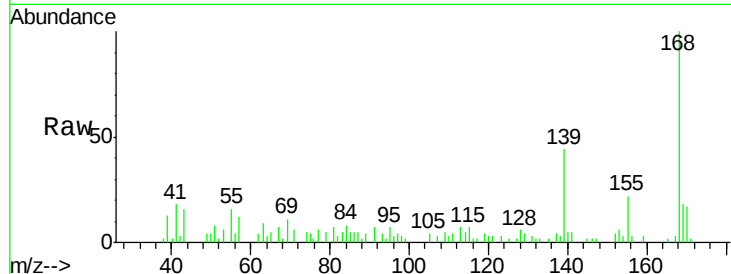




#54
Dibenzenofuran
Concen: 2.40 ng
RT: 12.73 min Scan# 975
Delta R.T. 0.01 min
Lab File: BF087546.D
Acq: 30 May 2016 12:29

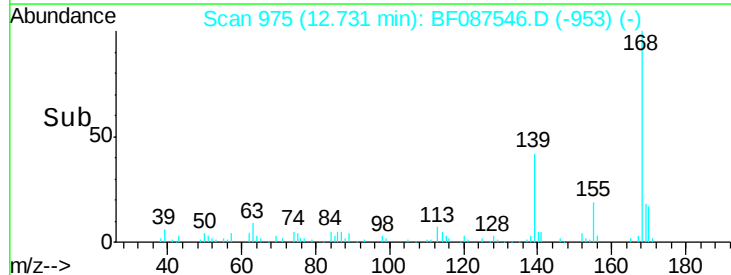
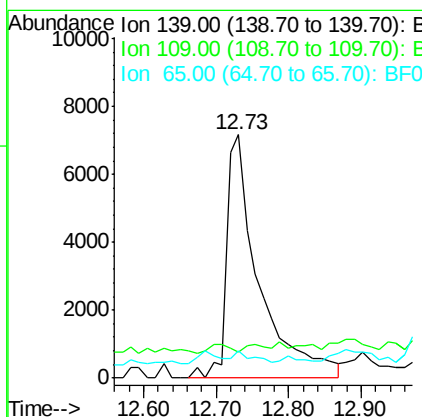
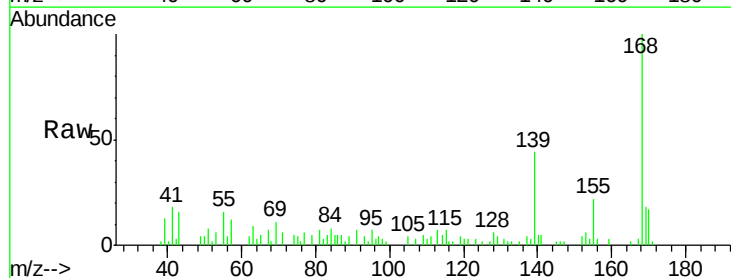
Instrument :
BNA_F
ClientSampleId :
R1-MW3-GW

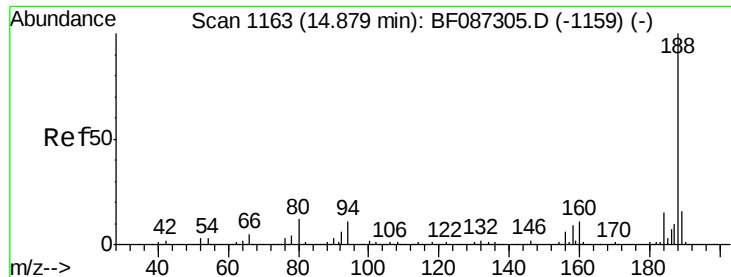
Tgt Ion:168 Resp: 44824
Ion Ratio Lower Upper
168 100
139 44.4 31.4 47.0
169 17.6 10.7 16.1#



#55
4-Nitrophenol
Concen: 12.75 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.05 min
Lab File: BF087546.D
Acq: 30 May 2016 12:29

Tgt Ion:139 Resp: 22132
Ion Ratio Lower Upper
139 100
109 10.8 36.9 76.9#
65 11.3 64.0 104.0#

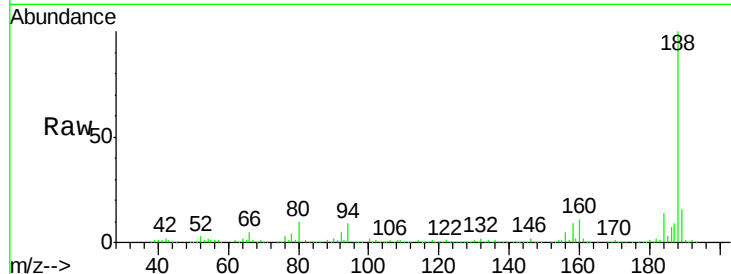




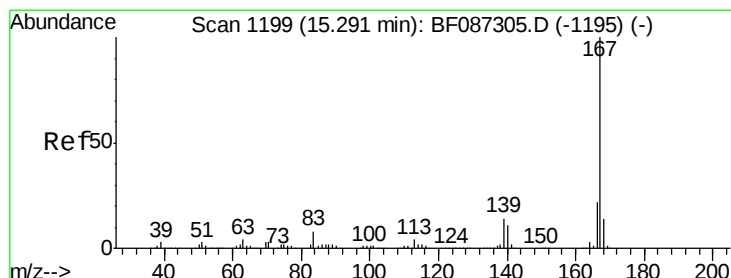
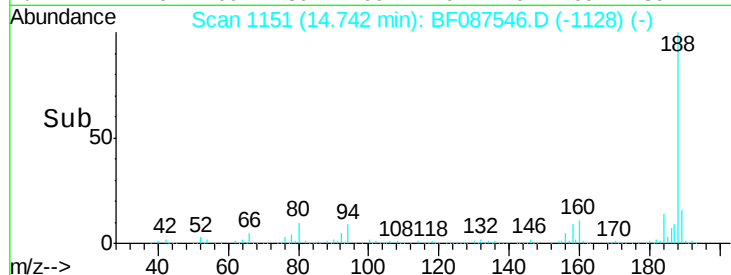
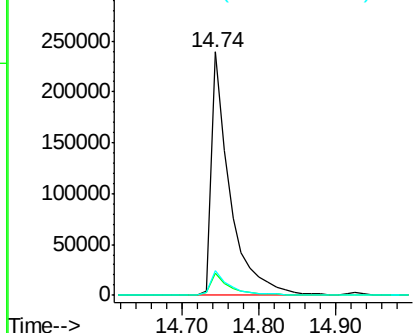
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087546.D
Acq: 30 May 2016 12:29

Instrument :
BNA_F
ClientSampleId :
R1-MW3-GW

Tgt Ion:188 Resp: 401077
Ion Ratio Lower Upper
188 100
94 9.2 6.8 10.2
80 10.0 7.1 10.7

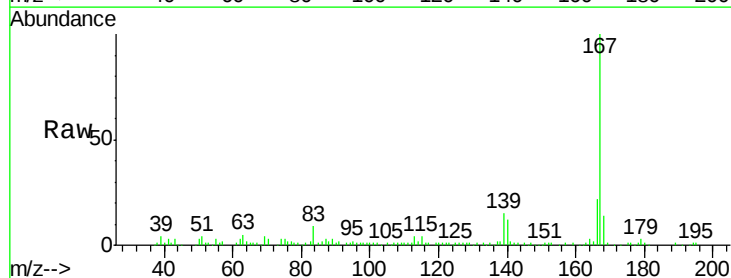


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

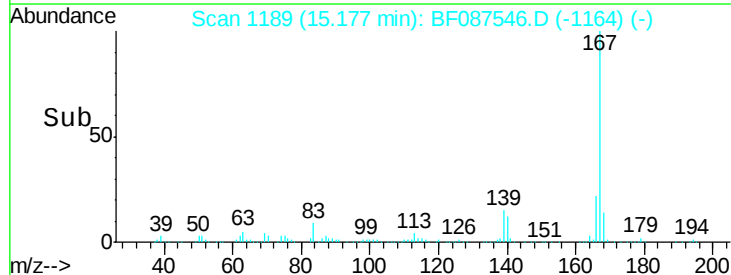
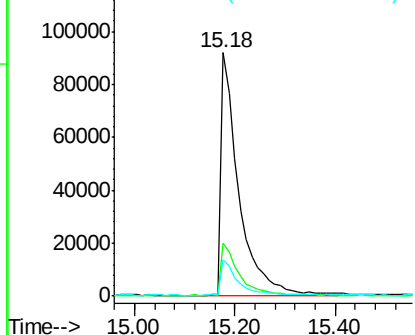


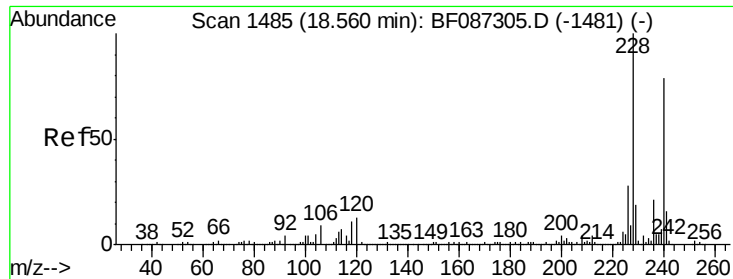
#72
Carbazole
Concen: 12.14 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF087546.D
Acq: 30 May 2016 12:29

Tgt Ion:167 Resp: 232417
Ion Ratio Lower Upper
167 100
166 21.9 17.7 26.5
139 15.0 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.47 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF087546.D

Acq: 30 May 2016 12:29

Instrument :

BNA_F

ClientSampleId :

R1-MW3-GW

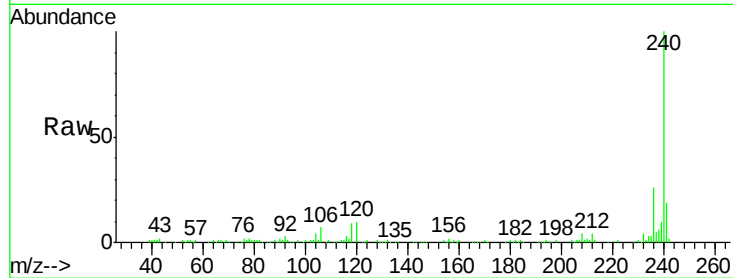
Tgt Ion:240 Resp: 266785

Ion Ratio Lower Upper

240 100

120 9.5 11.2 16.8#

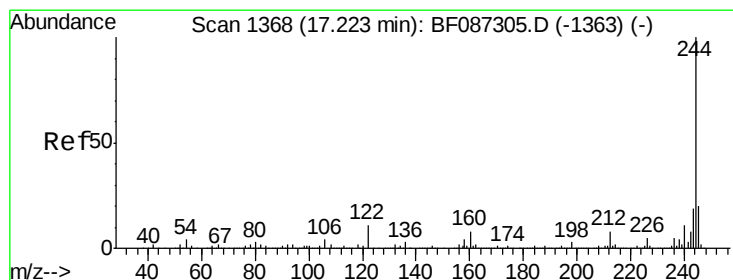
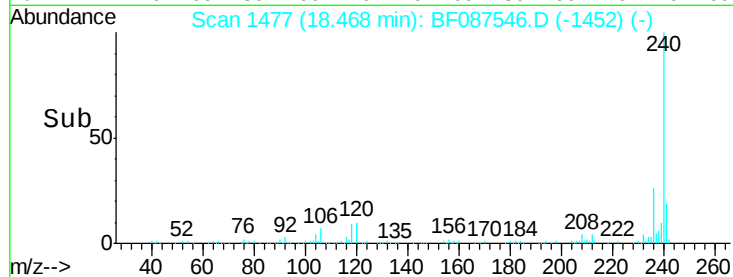
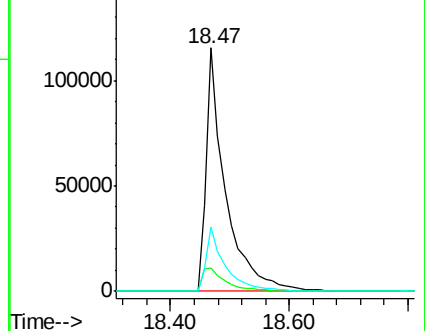
236 26.3 21.2 31.8



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: 89.55 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.05 min

Lab File: BF087546.D

Acq: 30 May 2016 12:29

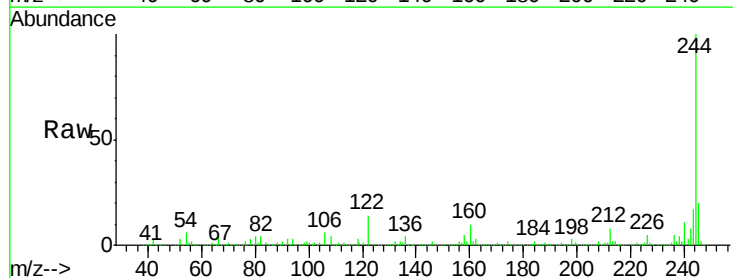
Tgt Ion:244 Resp: 1123761

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

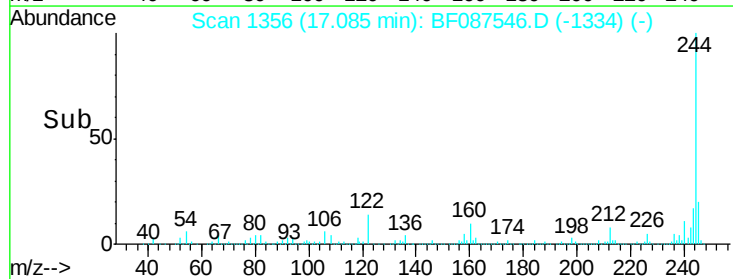
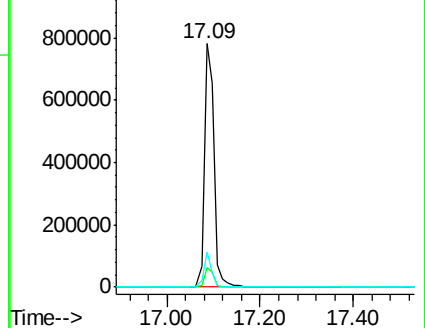
122 14.3 12.0 18.0

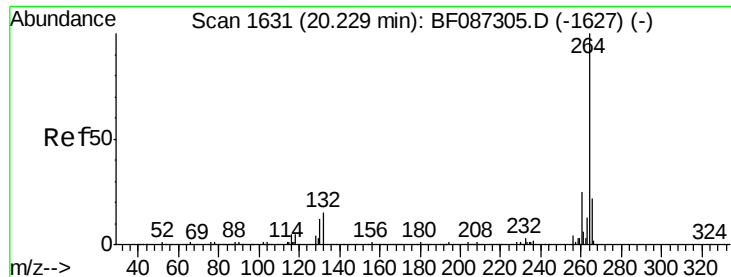


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.15 min Scan# 1624
Delta R.T. 0.01 min
Lab File: BF087546.D
Acq: 30 May 2016 12:29

Instrument :
BNA_F
ClientSampleId :
R1-MW3-GW

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.1	17.3	25.9

