

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050216\
 Data File : BF086634.D
 Acq On : 2 May 2016 23:14
 Operator : UM/SJ
 Sample : H2762-13DL 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B4COMPDL

Quant Time: May 03 02:10:43 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

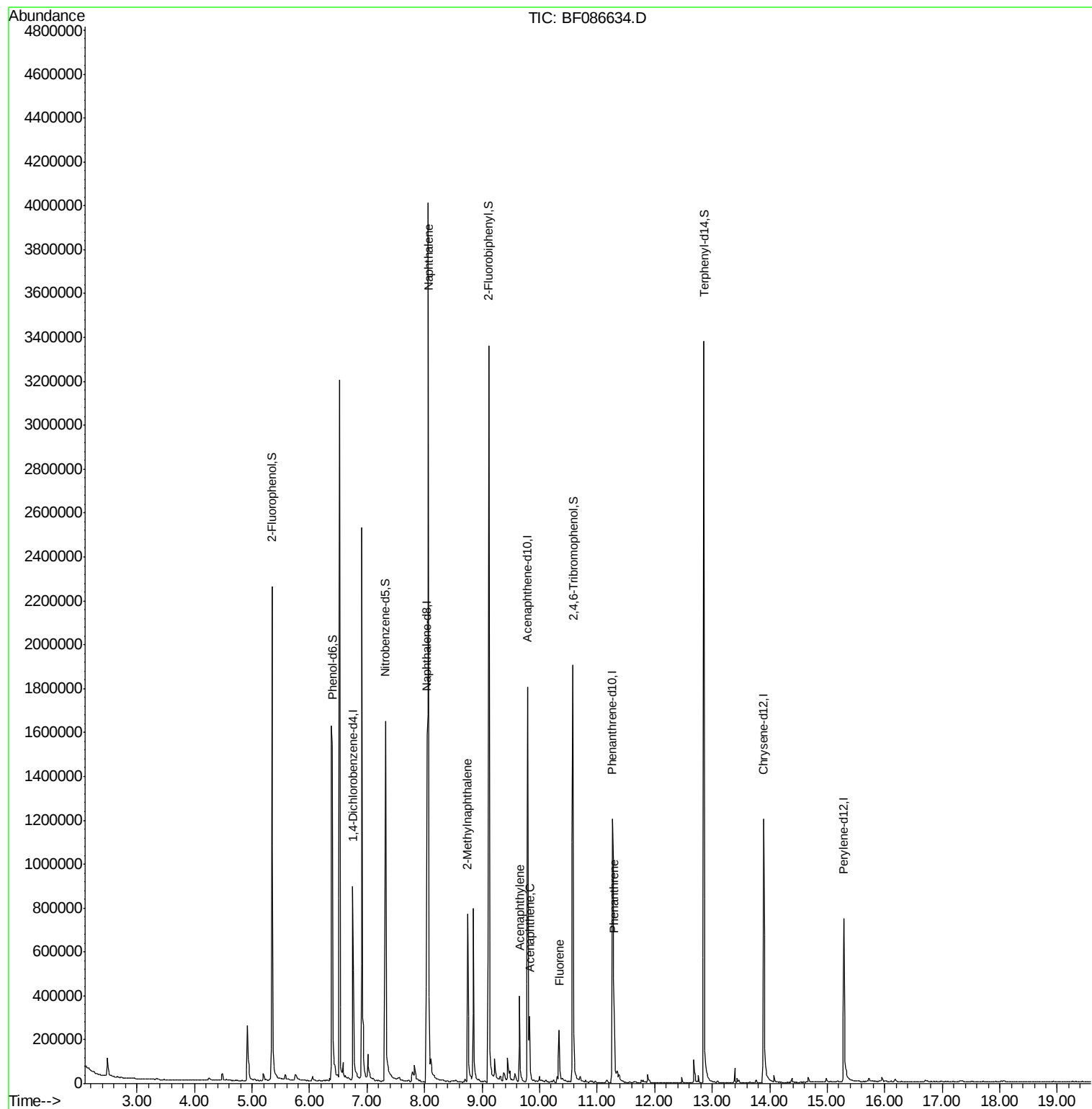
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	172174	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	746017	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	369506	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	707183	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	593651	20.00	ng	-0.07
86) Perylene-d12	15.29	264	386784	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	684968	68.62	ng	-0.04
7) Phenol-d6	6.40	99	882927	63.38	ng	-0.05
23) Nitrobenzene-d5	7.32	82	662910	47.90	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	282320	72.45	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1110746	46.57	ng	-0.06
78) Terphenyl-d14	12.85	244	1131201	41.98	ng	-0.06
Target Compounds						Qvalue
31) Naphthalene	8.06	128	1922128	50.64	ng	98
37) 2-Methylnaphthalene	8.75	142	256888	11.47	ng	97
48) Acenaphthylene	9.65	152	200745	5.47	ng	98
51) Acenaphthene	9.82	154	84918	3.60	ng	98
57) Fluorene	10.34	166	105870	4.14	ng	96
70) Phenanthrene	11.29	178	188851	5.09	ng	98

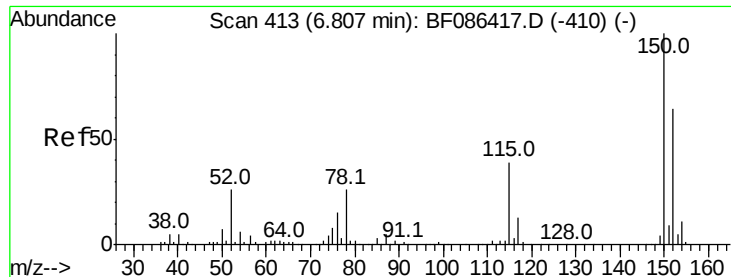
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF086634.D

Acq: 2 May 2016 23:14

Instrument :

BNA_F

ClientSampleId :

TEC-B4COMPDL

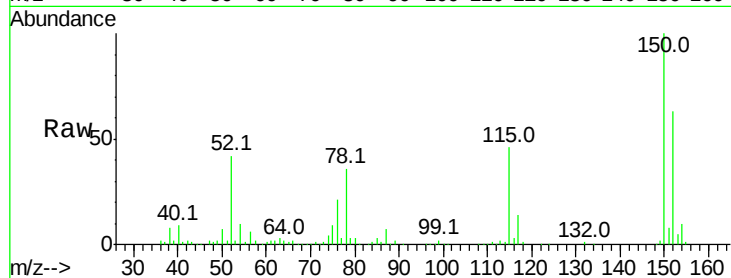
Tot Ion:152 Resp: 172174

Ion Ratio Lower Upper

152 100

150 159.7 125.8 188.6

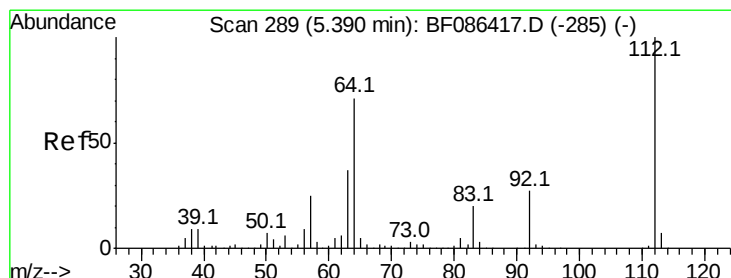
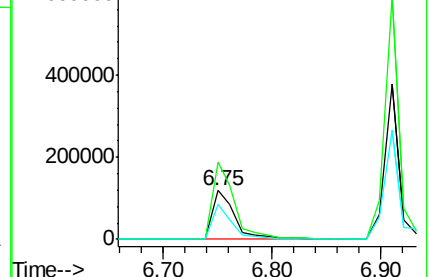
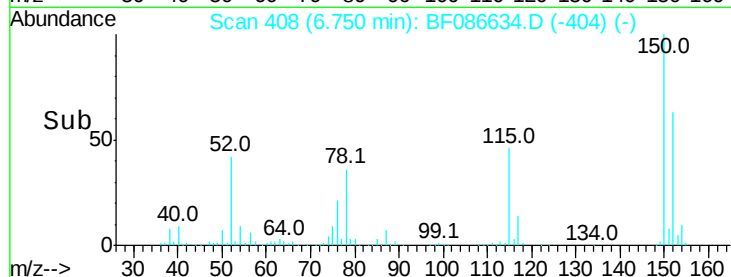
115 73.0 51.5 77.3



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: 68.62 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.04 min

Lab File: BF086634.D

Acq: 2 May 2016 23:14

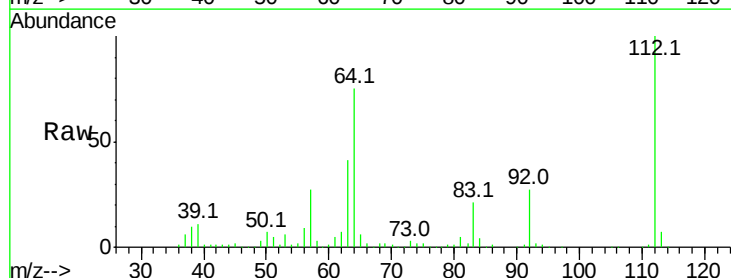
Tgt Ion:112 Resp: 684968

Ion Ratio Lower Upper

112 100

64 75.4 52.1 78.1

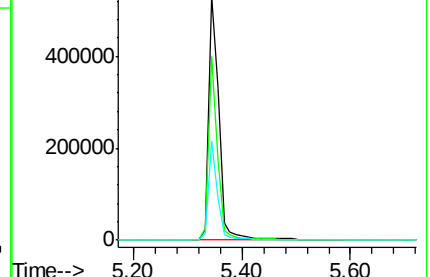
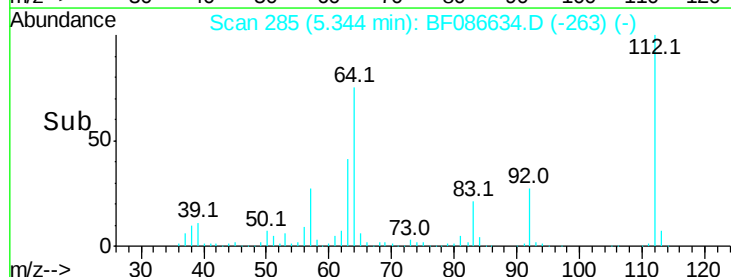
63 40.7 25.7 38.5#

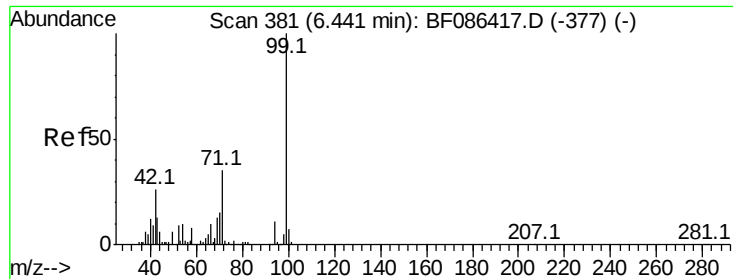


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 63.38 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086634.D

Acq: 2 May 2016 23:14

Instrument :

BNA_F

ClientSampleId :

TEC-B4COMPDL

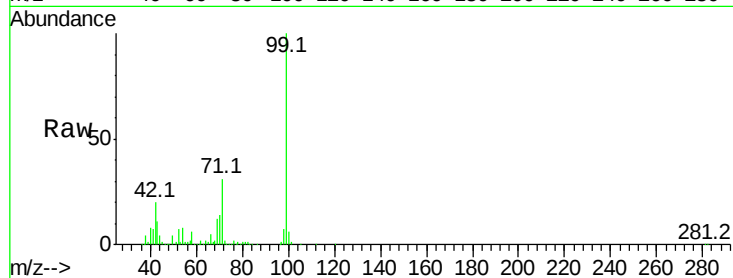
Tot Ion: 99 Resp: 882927

Ion Ratio Lower Upper

99 100

42 20.2 13.6 20.4

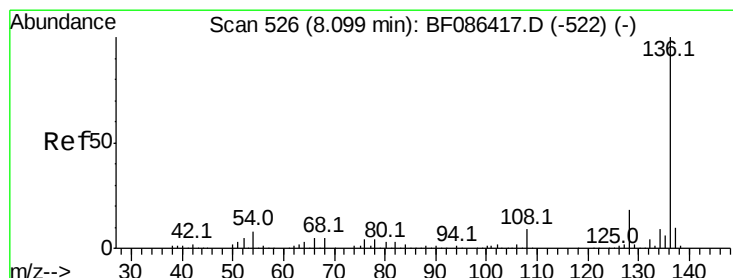
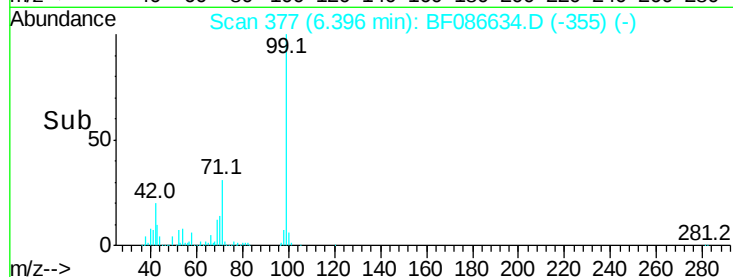
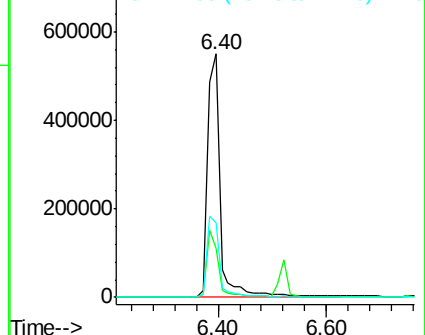
71 30.6 24.6 36.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.06 min

Lab File: BF086634.D

Acq: 2 May 2016 23:14

Tgt Ion: 136 Resp: 746017

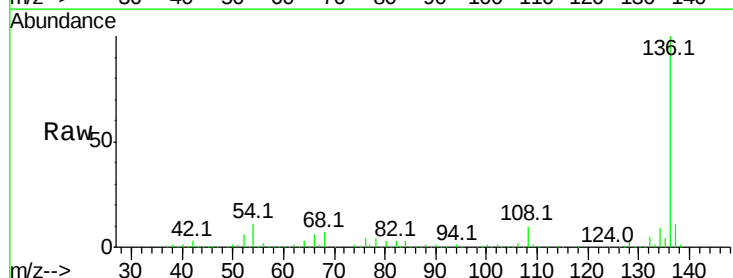
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 11.3 5.0 7.4#

68 6.6 4.4 6.6

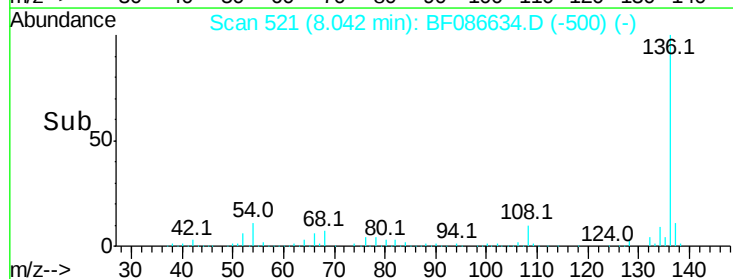
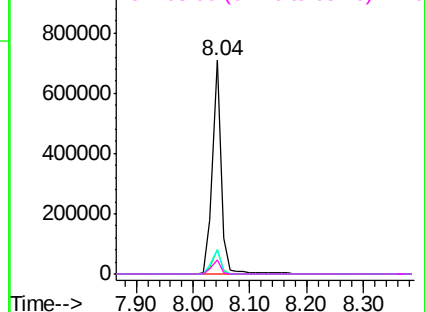


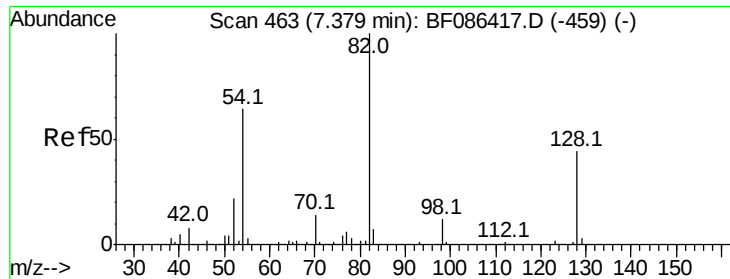
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

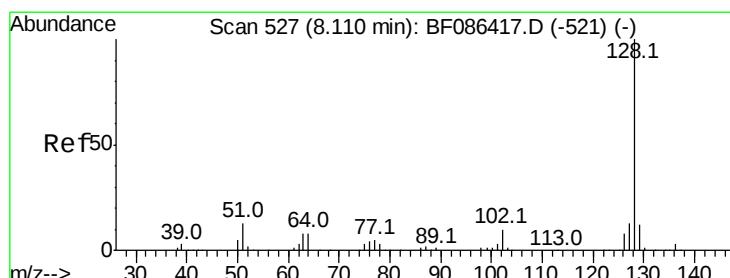
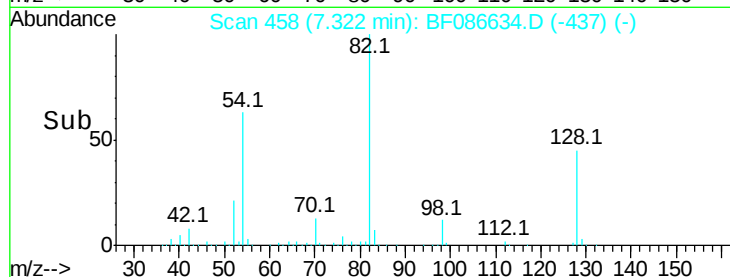
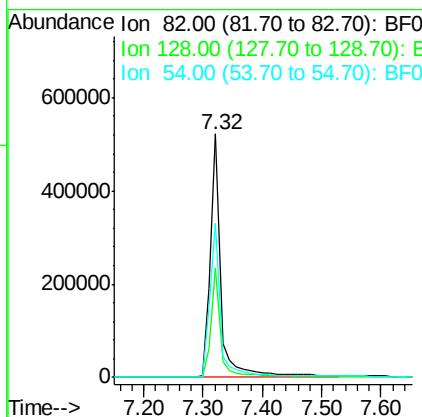
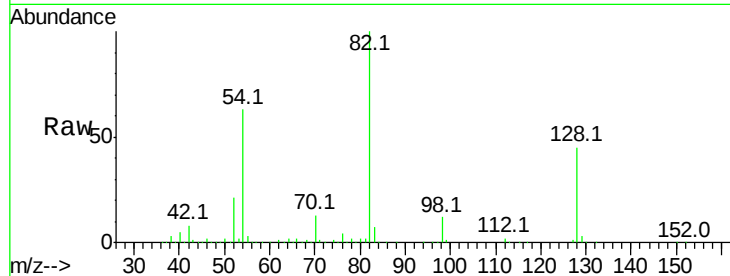




#23
Nitrobenzene-d5
Concen: 47.90 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF086634.D
Acq: 2 May 2016 23:14

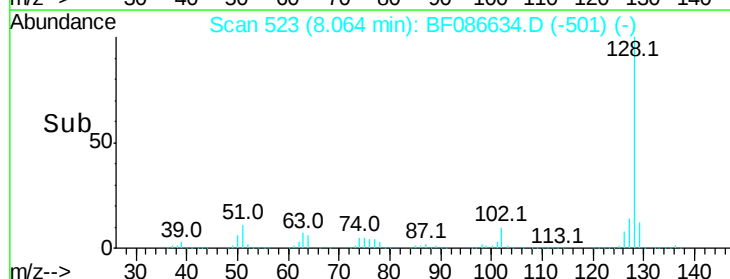
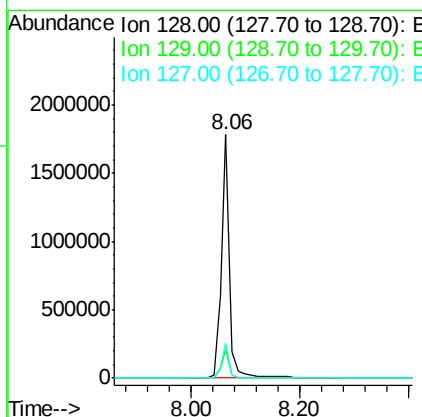
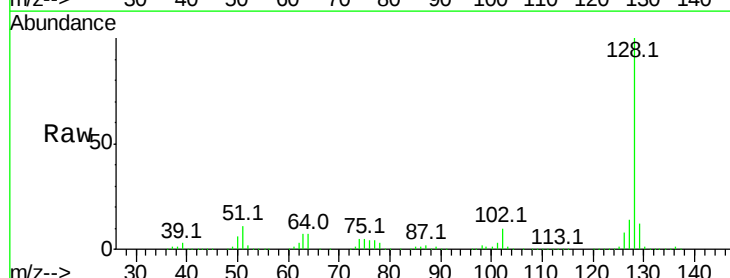
Instrument :
BNA_F
ClientSampleId :
TEC-B4COMPDL

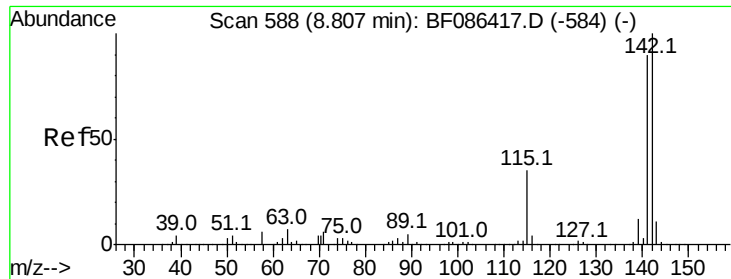
Tot Ion: 82 Resp: 662910
Ion Ratio Lower Upper
82 100
128 44.8 40.6 61.0
54 63.3 38.1 57.1#



#31
Naphthalene
Concen: 50.64 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF086634.D
Acq: 2 May 2016 23:14

Tgt Ion:128 Resp: 1922128
Ion Ratio Lower Upper
128 100
129 11.7 8.6 13.0
127 14.1 10.8 16.2

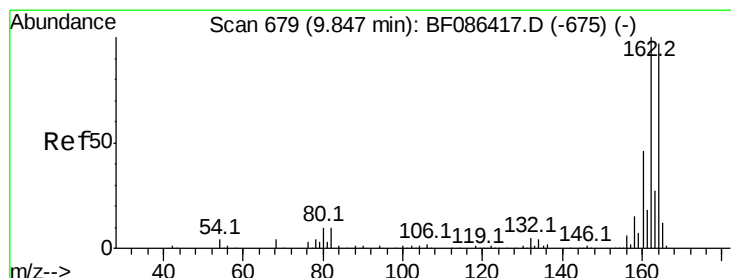
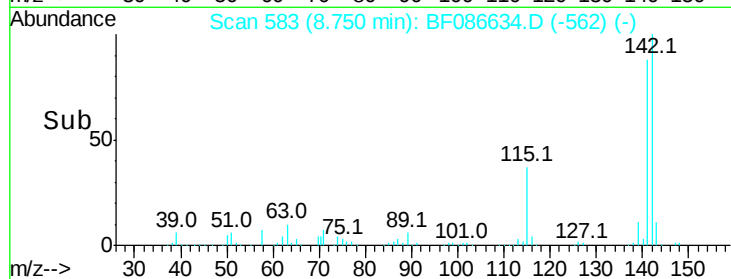
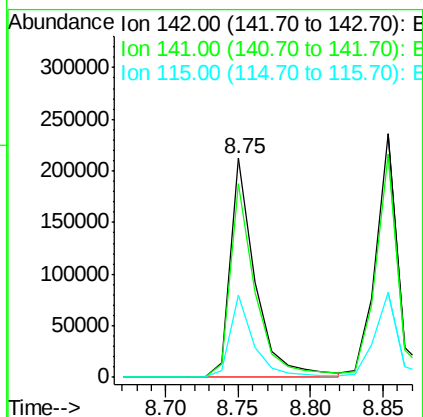
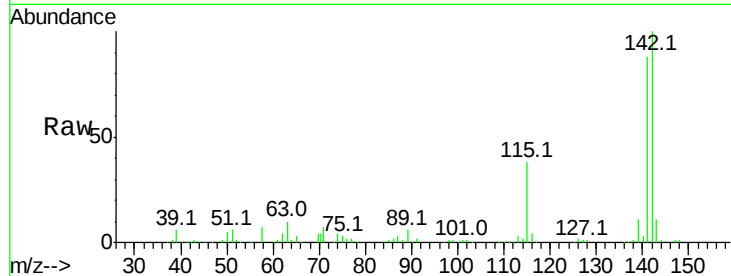




#37
 2-Methylnaphthalene
 Concen: 11.47 ng
 RT: 8.75 min Scan# 583
 Delta R.T. -0.06 min
 Lab File: BF086634.D
 Acq: 2 May 2016 23:14

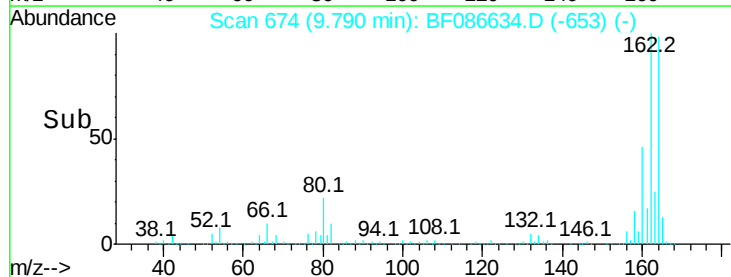
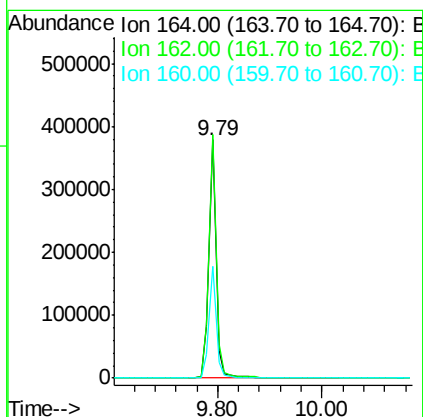
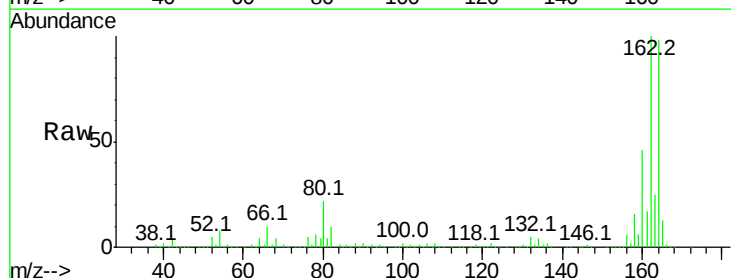
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B4COMPDL

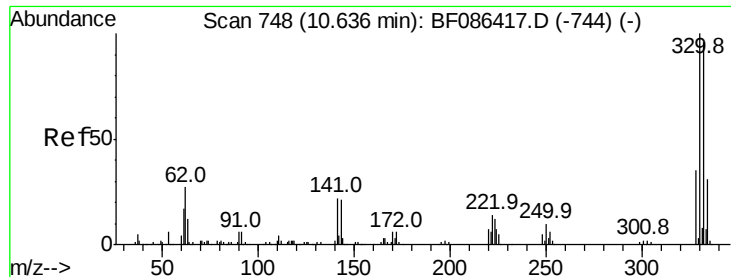
Tot Ion:142 Resp: 256888
 Ion Ratio Lower Upper
 142 100
 141 88.2 71.0 106.6
 115 37.6 26.6 39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.06 min
 Lab File: BF086634.D
 Acq: 2 May 2016 23:14

Tgt Ion:164 Resp: 369506
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.8 124.2
 160 47.2 36.9 55.3

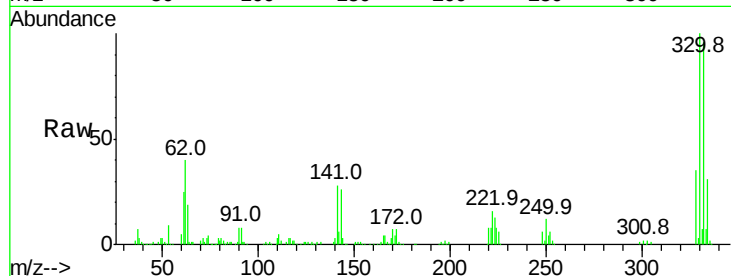




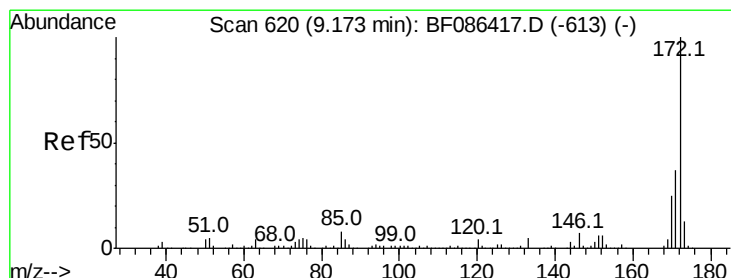
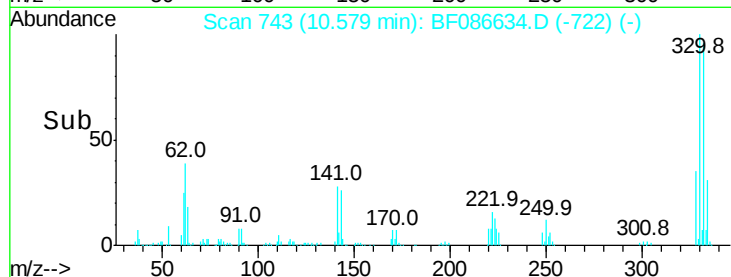
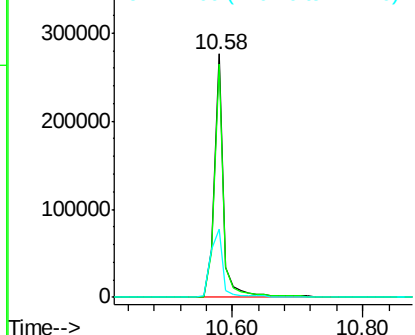
#41
 2,4,6-Tribromophenol
 Concen: 72.45 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086634.D
 Acq: 2 May 2016 23:14

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B4COMPDL

Tot Ion:330 Resp: 282320
 Ion Ratio Lower Upper
 330 100
 332 96.6 79.0 118.4
 141 37.4 31.2 46.8

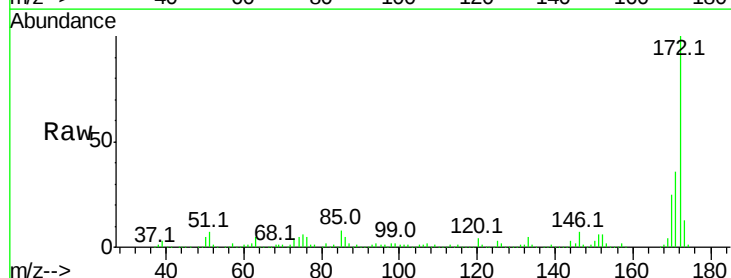


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

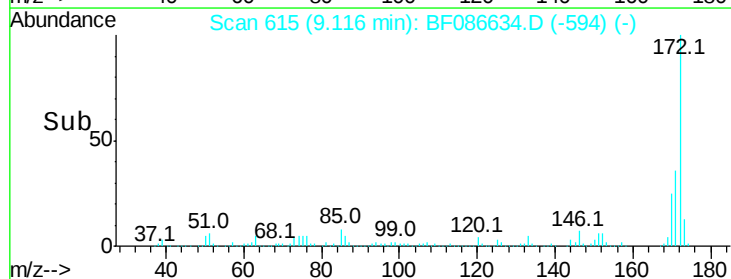
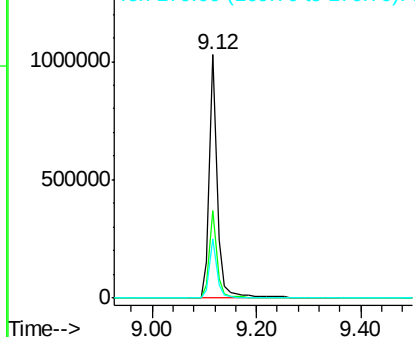


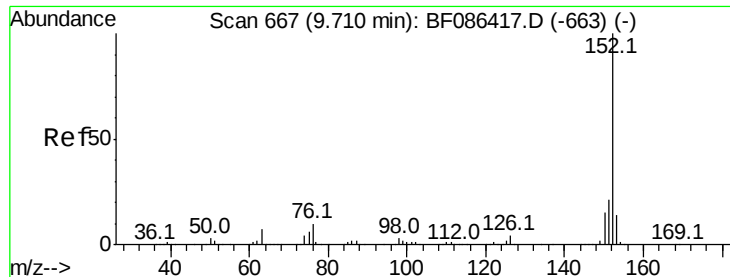
#44
 2-Fluorobiphenyl
 Concen: 46.57 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086634.D
 Acq: 2 May 2016 23:14

Tgt Ion:172 Resp: 1110746
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 24.5 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

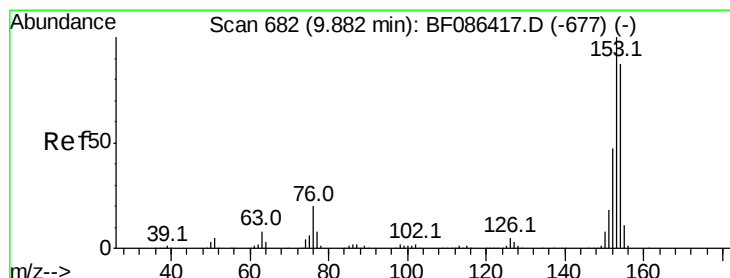
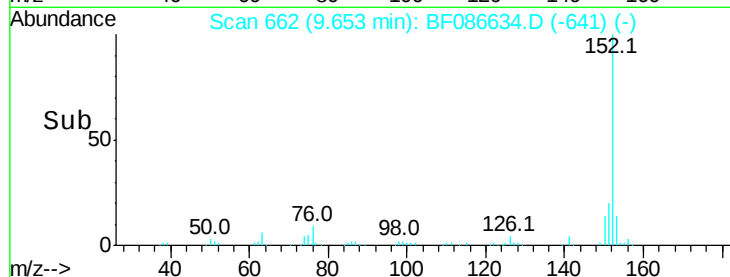
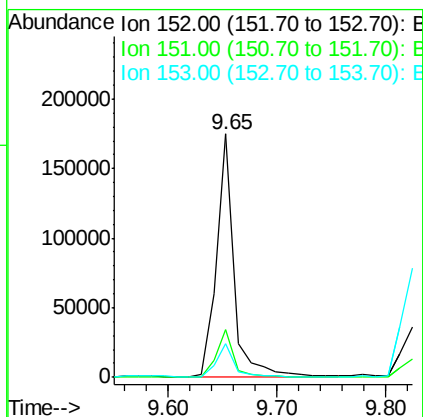
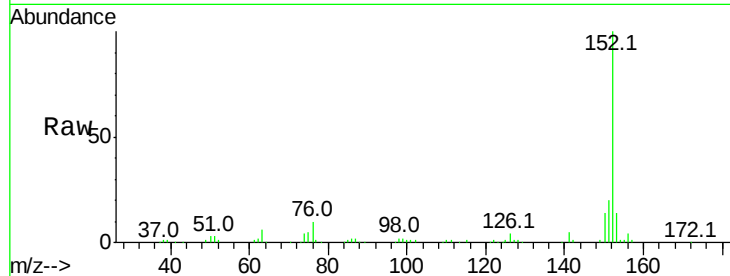




#48
Acenaphthylene
Concen: 5.47 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.06 min
Lab File: BF086634.D
Acq: 2 May 2016 23:14

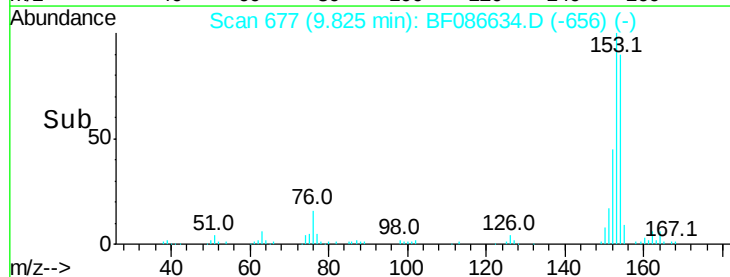
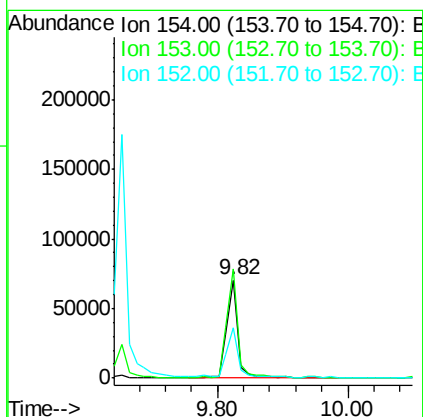
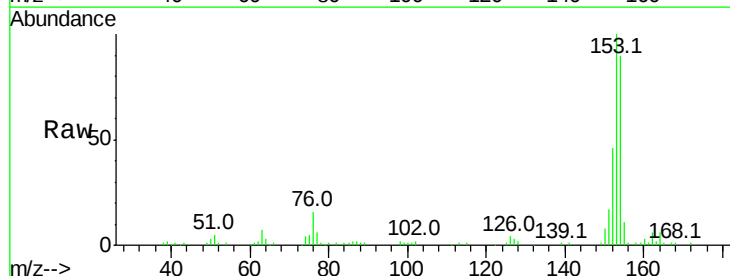
Instrument :
BNA_F
ClientSampleId :
TEC-B4COMPDL

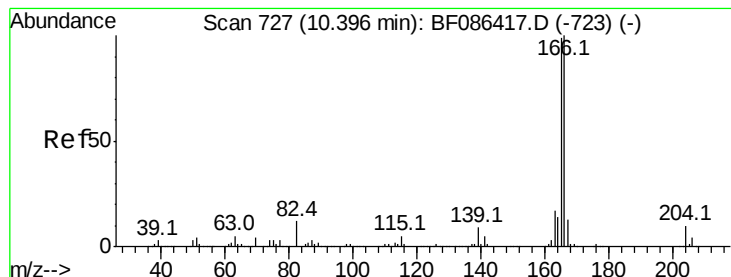
Tot Ion:152 Resp: 200745
Ion Ratio Lower Upper
152 100
151 19.7 16.8 25.2
153 14.1 10.9 16.3



#51
Acenaphthene
Concen: 3.60 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.06 min
Lab File: BF086634.D
Acq: 2 May 2016 23:14

Tgt Ion:154 Resp: 84918
Ion Ratio Lower Upper
154 100
153 111.2 89.8 134.6
152 51.1 43.4 65.0





#57

Fluorene

Concen: 4.14 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.06 min

Lab File: BF086634.D

Acq: 2 May 2016 23:14

Instrument :

BNA_F

ClientSampleId :

TEC-B4COMPDL

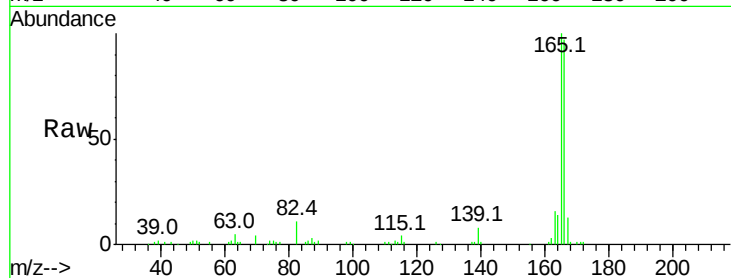
Tot Ion:166 Resp: 105870

Ion Ratio Lower Upper

166 100

165 102.7 79.0 118.6

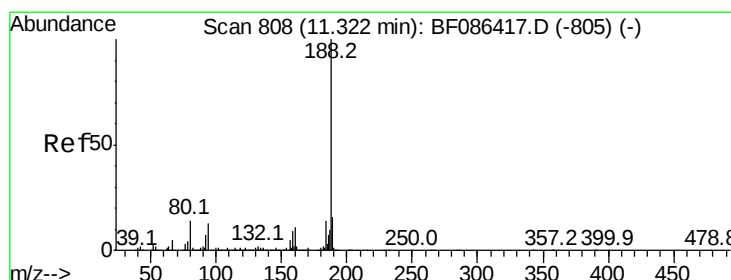
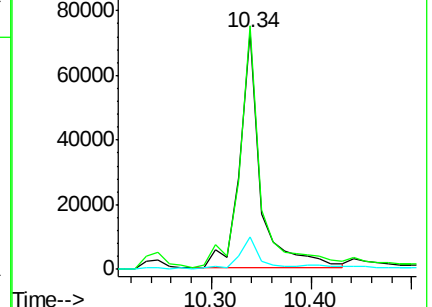
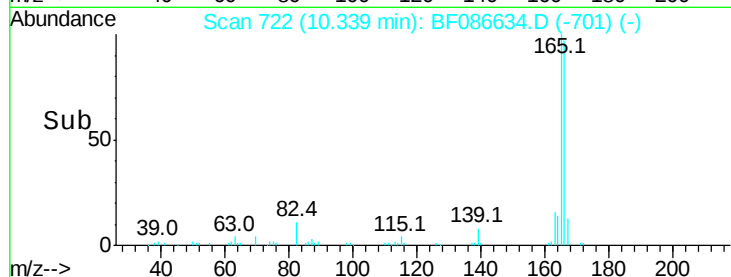
167 13.5 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.06 min

Lab File: BF086634.D

Acq: 2 May 2016 23:14

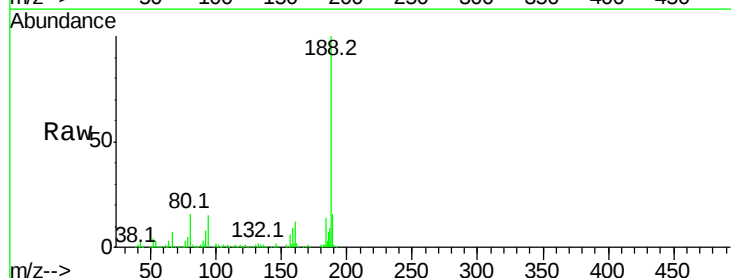
Tgt Ion:188 Resp: 707183

Ion Ratio Lower Upper

188 100

94 15.1 6.8 10.2#

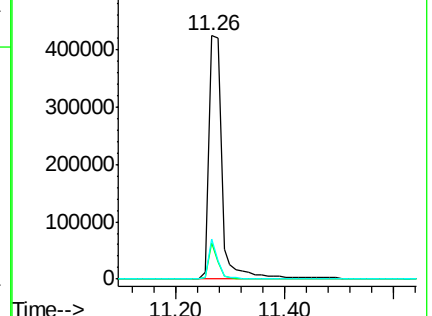
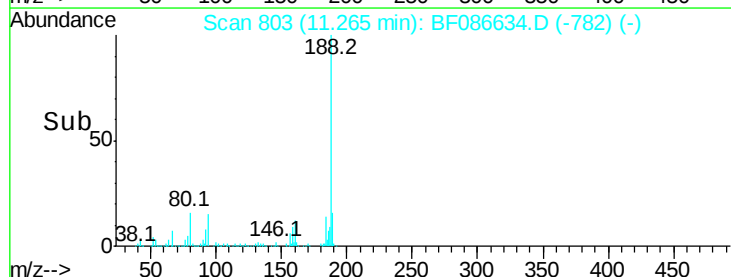
80 16.5 7.1 10.7#

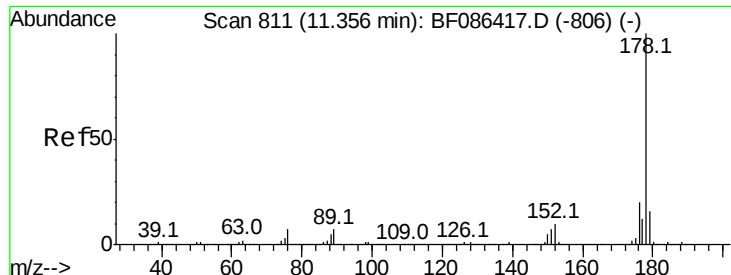


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 5.09 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.07 min

Lab File: BF086634.D

Acq: 2 May 2016 23:14

Instrument :

BNA_F

ClientSampleId :

TEC-B4COMPDL

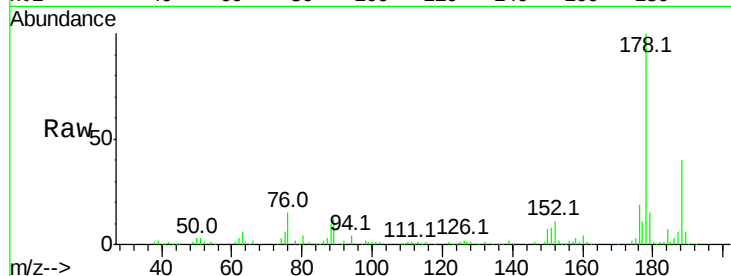
Tot Ion:178 Resp: 188851

Ion Ratio Lower Upper

178 100

176 18.6 16.0 24.0

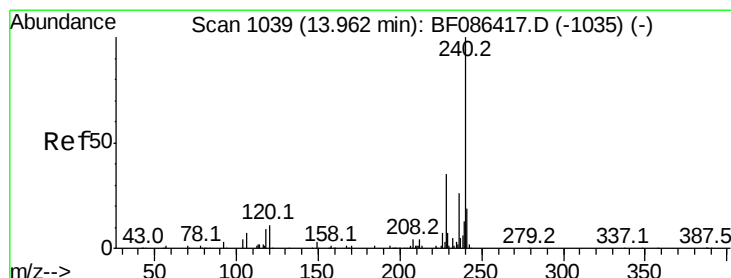
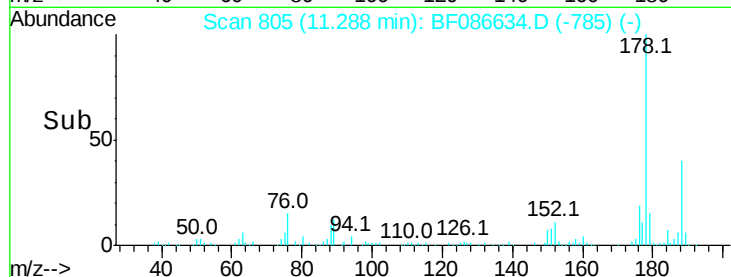
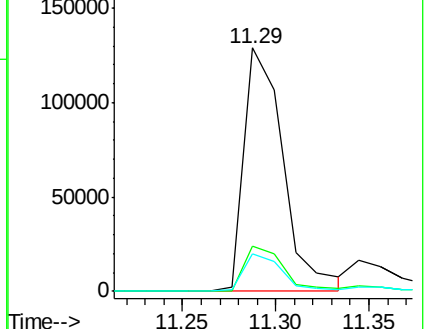
179 15.3 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF086634.D

Acq: 2 May 2016 23:14

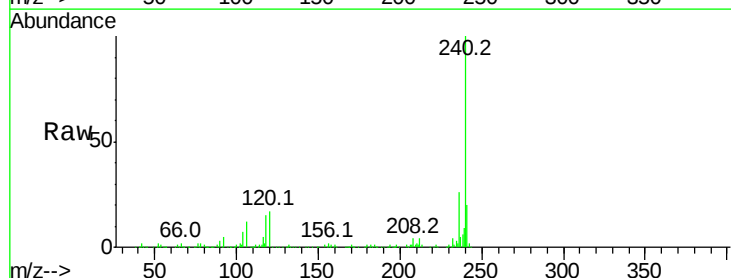
Tgt Ion:240 Resp: 593651

Ion Ratio Lower Upper

240 100

120 17.2 11.2 16.8#

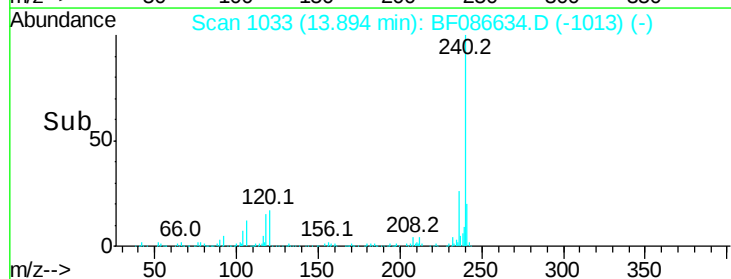
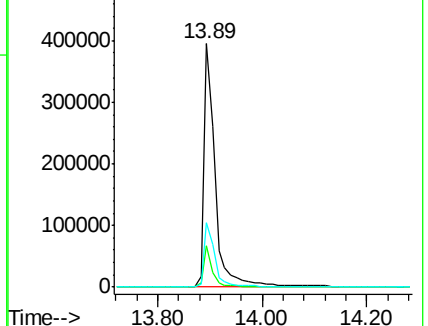
236 26.2 21.2 31.8

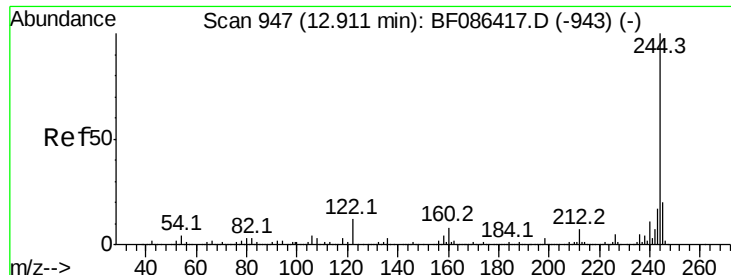


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 41.98 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.06 min

Lab File: BF086634.D

Acq: 2 May 2016 23:14

Instrument :

BNA_F

ClientSampleId :

TEC-B4COMPDL

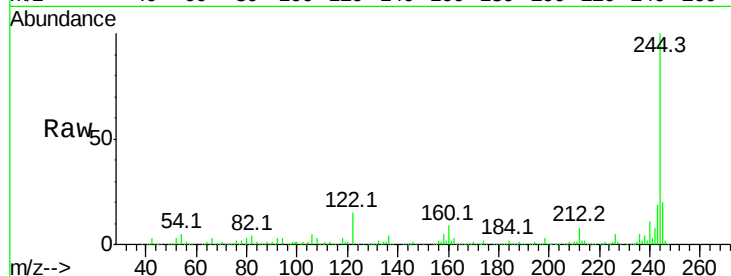
Tot Ion:244 Resp: 1131201

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

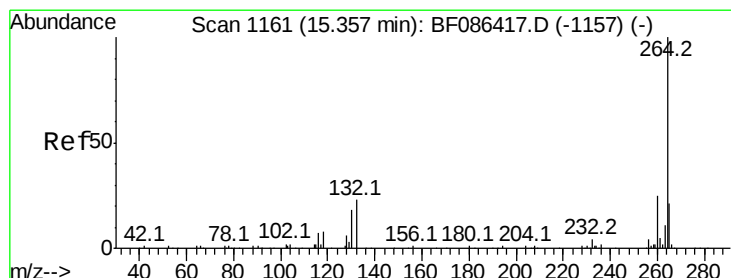
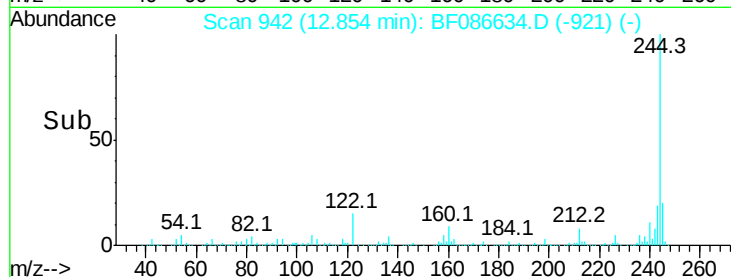
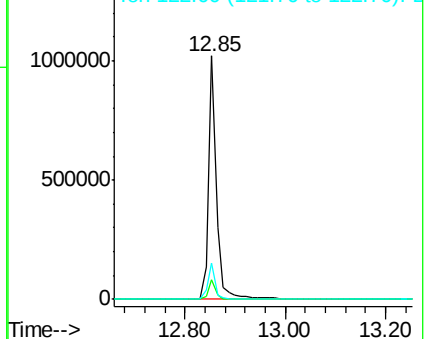
122 14.8 12.0 18.0



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: 15.29 min Scan# 1155

Delta R.T. -0.07 min

Lab File: BF086634.D

Acq: 2 May 2016 23:14

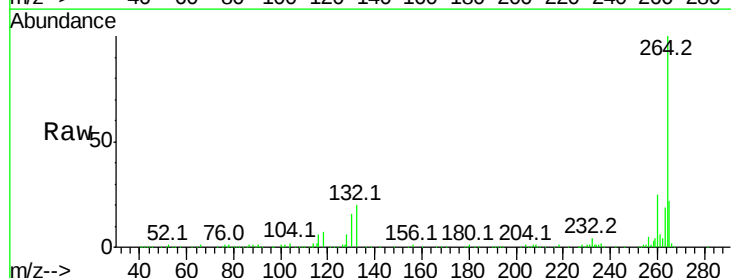
Tgt Ion:264 Resp: 386784

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.5 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

