

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF086017.D
 Acq On : 2 Apr 2016 17:50
 Operator : UM/SJ
 Sample : H2028-01
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W1DAY1

Quant Time: Apr 04 03:21:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

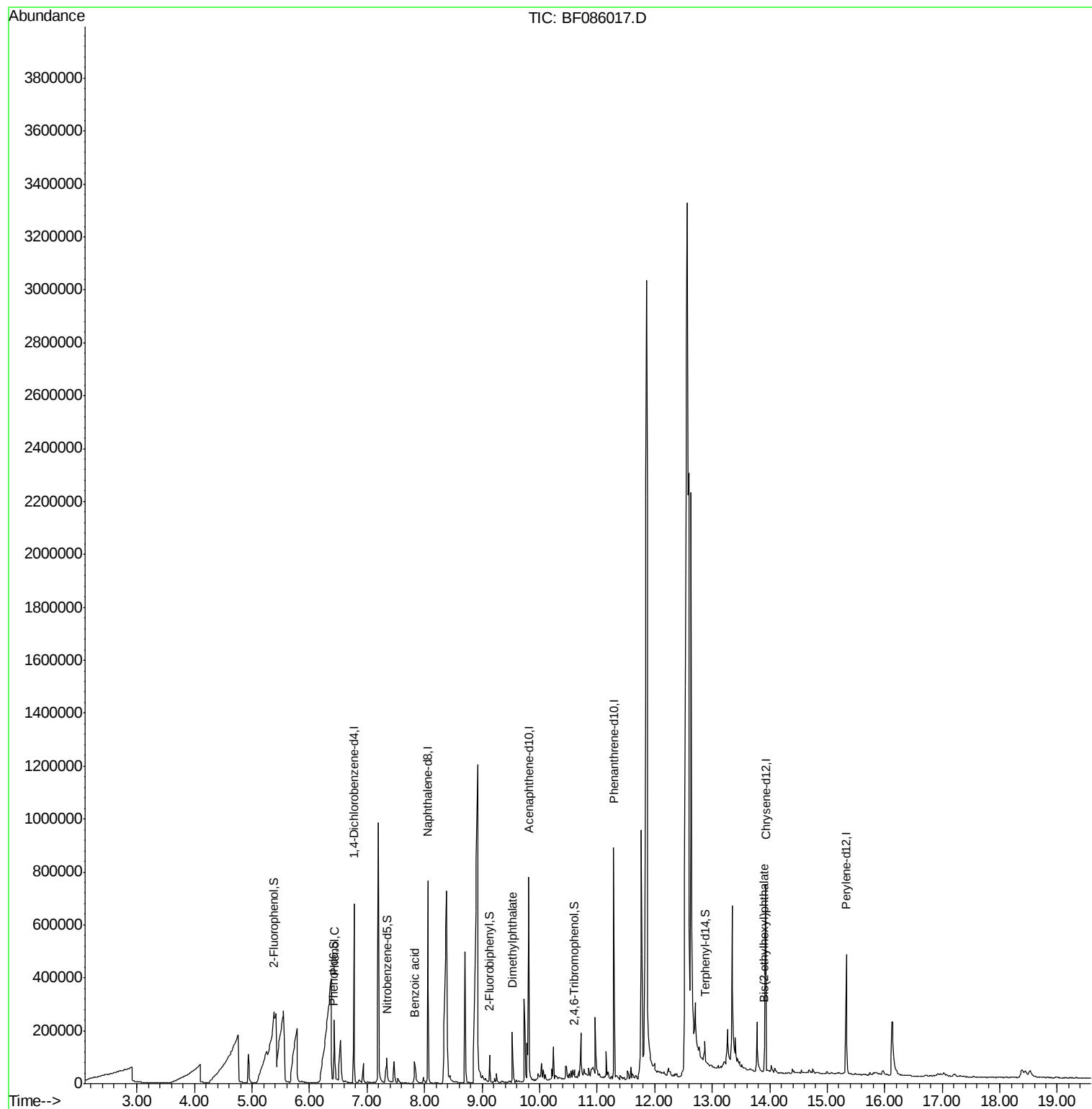
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	103102	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	406174	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	180860	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	336048	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	229851	20.00	ng	0.00
86) Perylene-d12	15.33	264	204290	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	26890	4.46	ng	0.01
7) Phenol-d6	6.42	99	32664	4.26	ng	0.00
23) Nitrobenzene-d5	7.34	82	25653	3.72	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	3609	2.13	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	35632	3.28	ng	-0.01
78) Terphenyl-d14	12.88	244	22768	2.33	ng	0.00
Target Compounds						
10) Phenol	6.43	94	97080	11.11	ng	90
32) Benzoic acid	7.82	122	23638	4.98	ng	99
49) Dimethylphthalate	9.53	163	76907	5.74	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	26510	2.74	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: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF086017.D

Acq: 2 Apr 2016 17:50

Instrument :

BNA_F

ClientSampleId :

W1DAY1

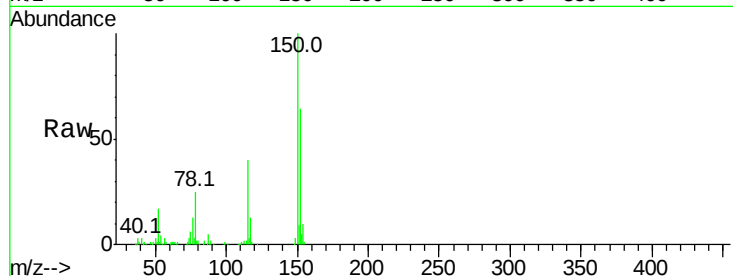
Tot Ion:152 Resp: 103102

Ion Ratio Lower Upper

152 100

150 156.5 124.2 186.2

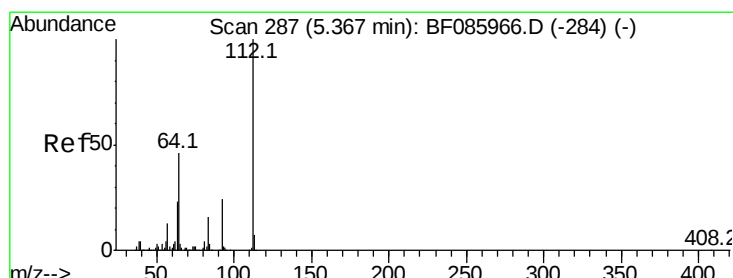
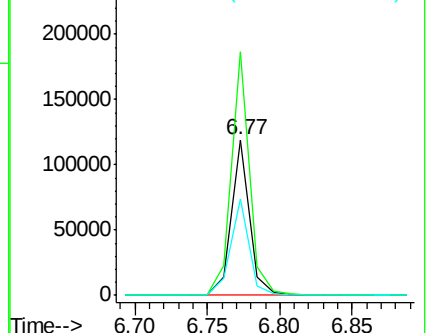
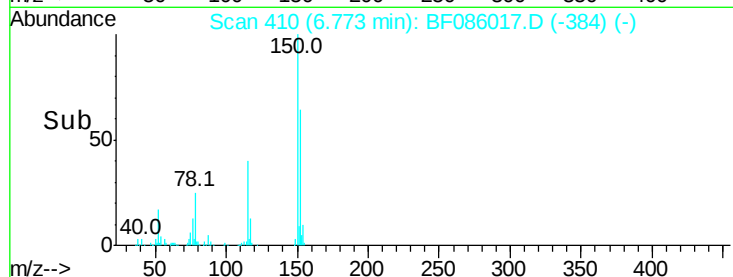
115 61.9 47.0 70.6



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: 4.46 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF086017.D

Acq: 2 Apr 2016 17:50

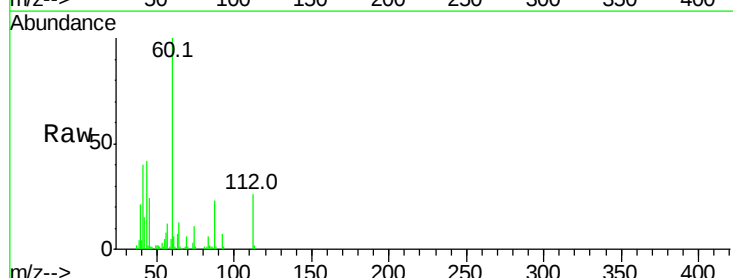
Tgt Ion:112 Resp: 26890

Ion Ratio Lower Upper

112 100

64 49.4 39.9 59.9

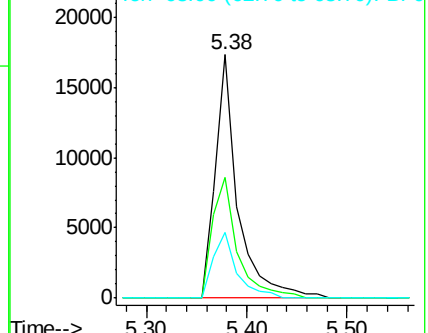
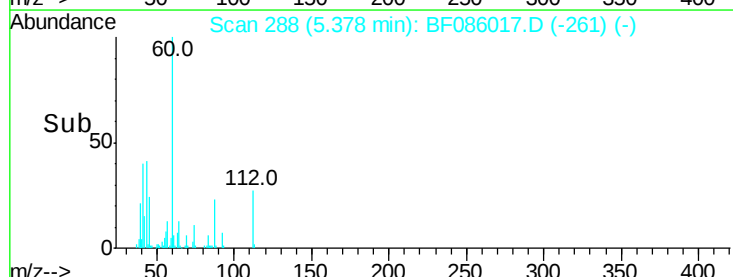
63 26.8 20.2 30.2



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: 4.26 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF086017.D

Acq: 2 Apr 2016 17:50

Instrument :

BNA_F

ClientSampleId :

W1DAY1

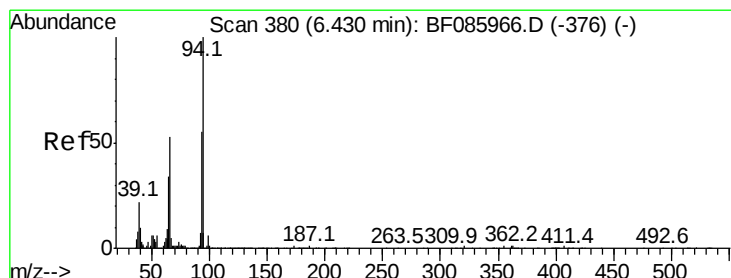
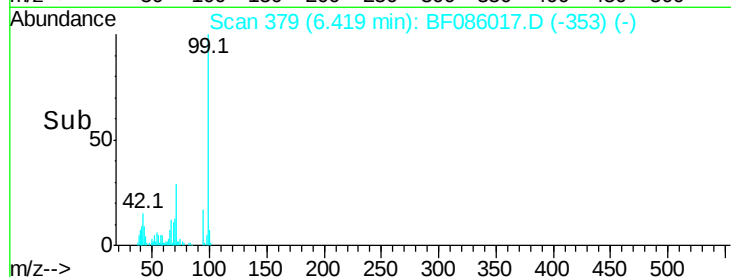
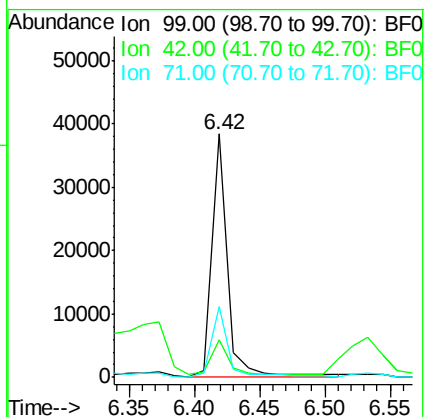
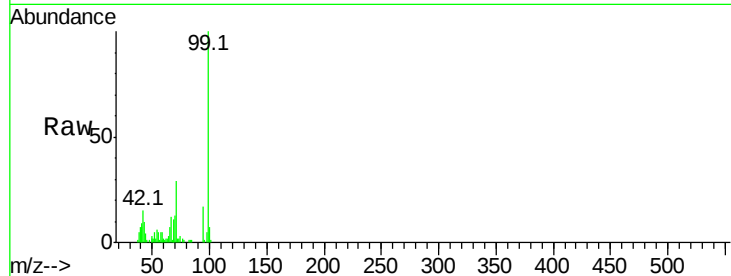
Tot Ion: 99 Resp: 32664

Ion Ratio Lower Upper

99 100

42 15.3 11.1 16.7

71 29.2 24.9 37.3



#10

Phenol

Concen: 11.11 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF086017.D

Acq: 2 Apr 2016 17:50

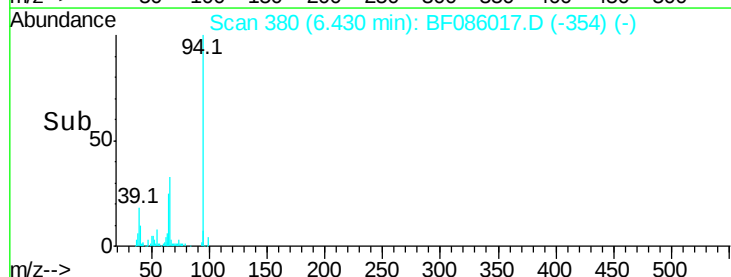
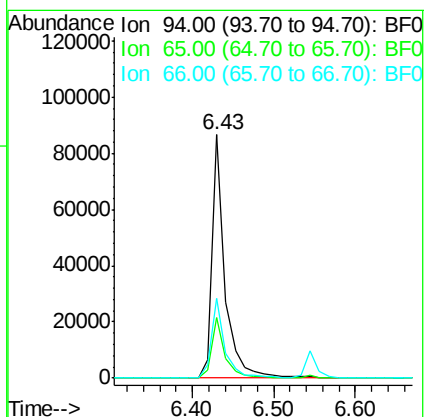
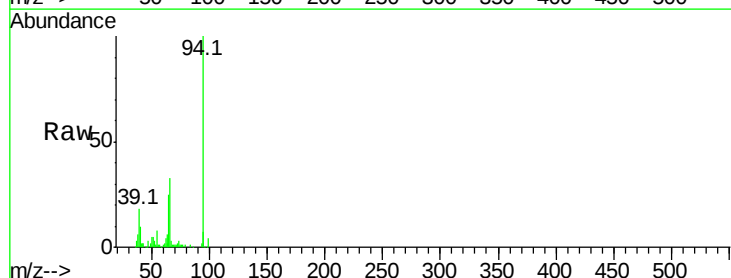
Tgt Ion: 94 Resp: 97080

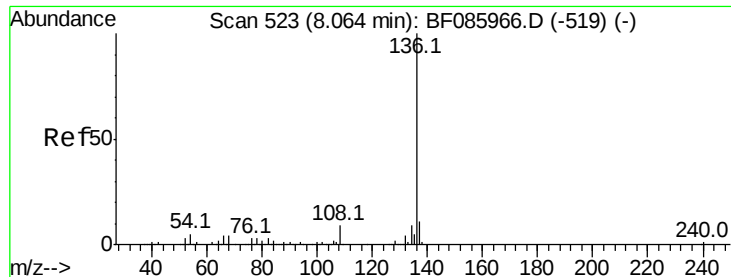
Ion Ratio Lower Upper

94 100

65 24.8 8.6 48.6

66 32.7 20.0 60.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF086017.D

Acq: 2 Apr 2016 17:50

Instrument :

BNA_F

ClientSampleId :

W1DAY1

Tot Ion:136 Resp: 406174

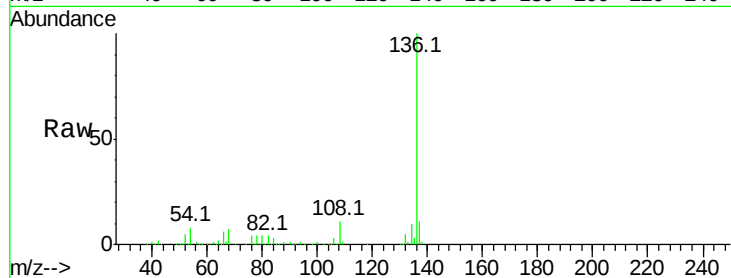
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.4 7.4 11.0

68 6.9 5.8 8.8

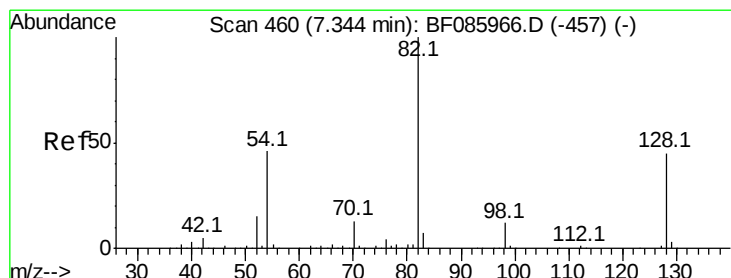
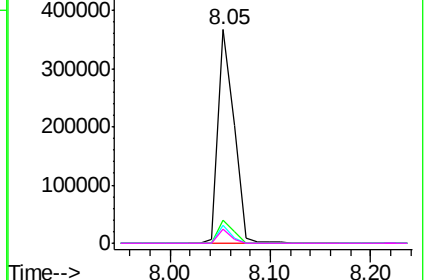
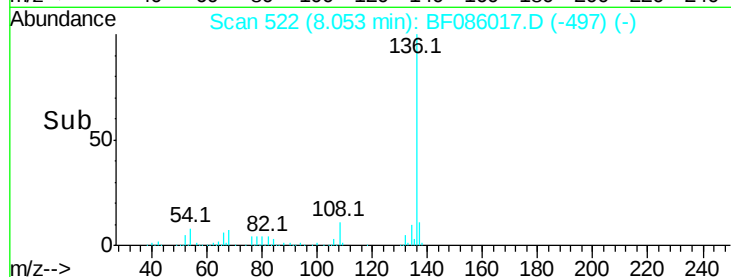


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.72 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF086017.D

Acq: 2 Apr 2016 17:50

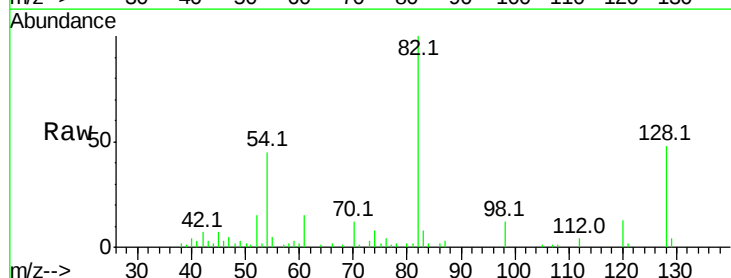
Tgt Ion: 82 Resp: 25653

Ion Ratio Lower Upper

82 100

128 47.7 41.8 62.8

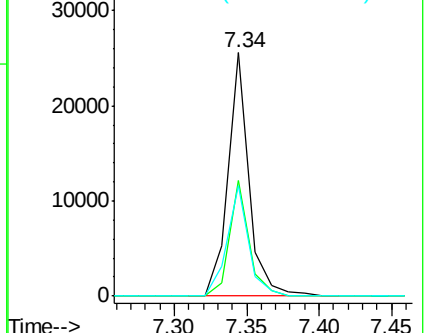
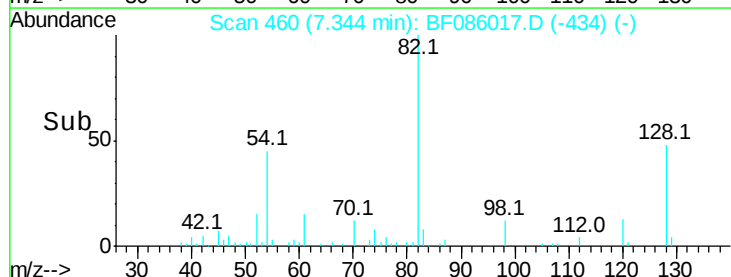
54 45.2 33.4 50.0

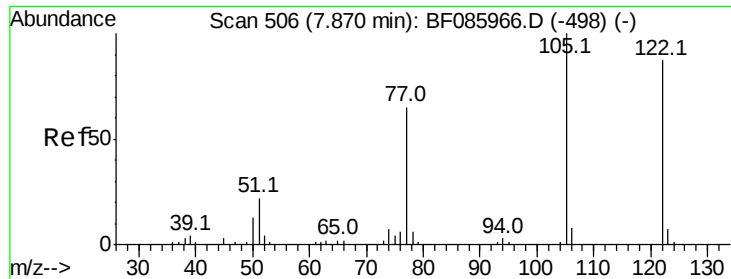


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

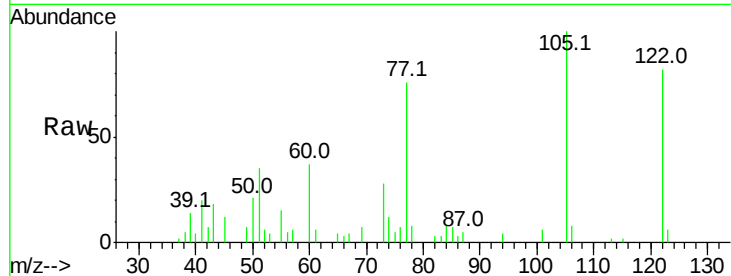




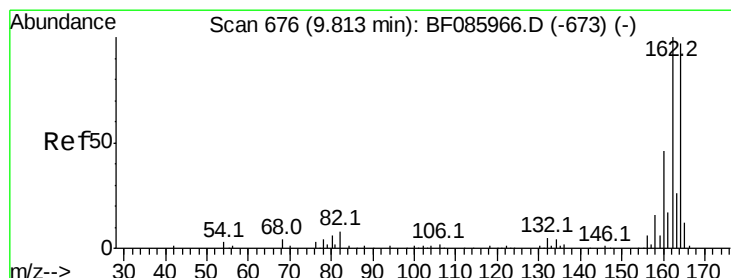
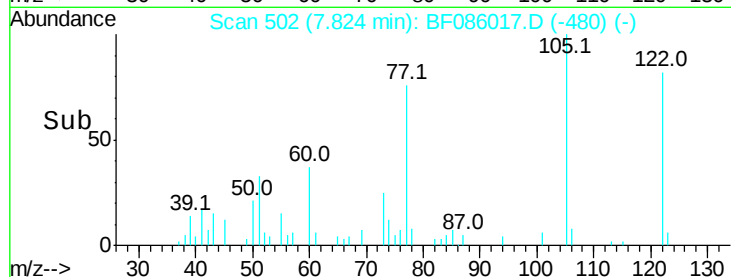
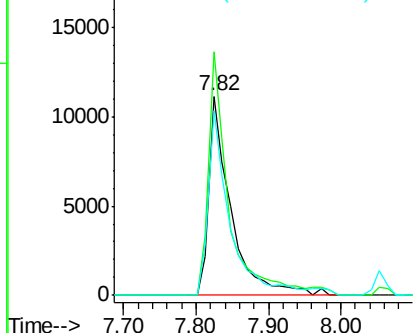
#32
Benzoic acid
Concen: 4.98 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.05 min
Lab File: BF086017.D
Acq: 2 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
W1DAY1

Tot Ion:122 Resp: 23638
Ion Ratio Lower Upper
122 100
105 122.1 102.9 142.9
77 92.8 71.8 111.8

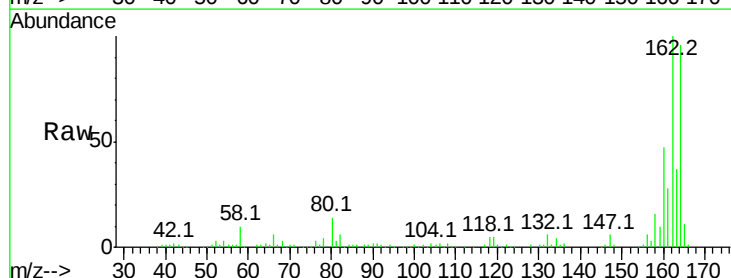


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

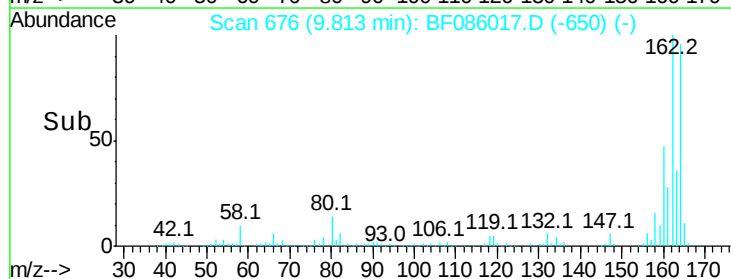
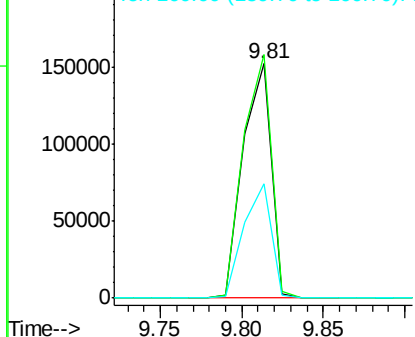


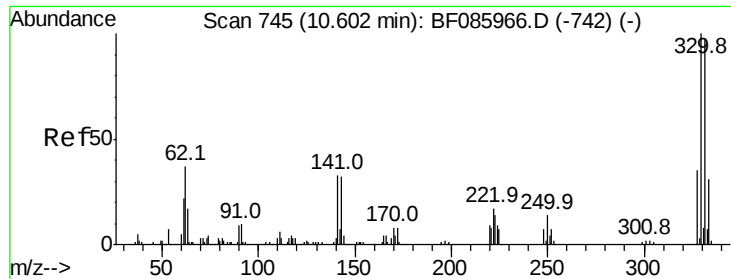
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF086017.D
Acq: 2 Apr 2016 17:50

Tgt Ion:164 Resp: 180860
Ion Ratio Lower Upper
164 100
162 104.0 82.1 123.1
160 48.7 37.4 56.2



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

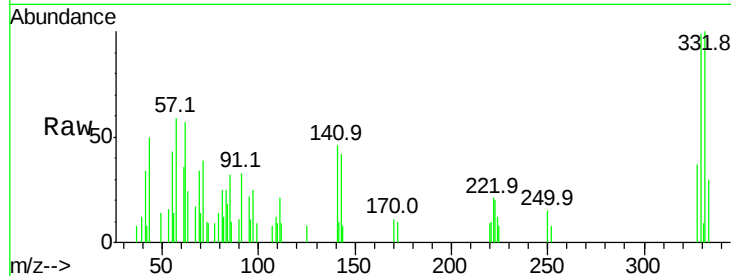




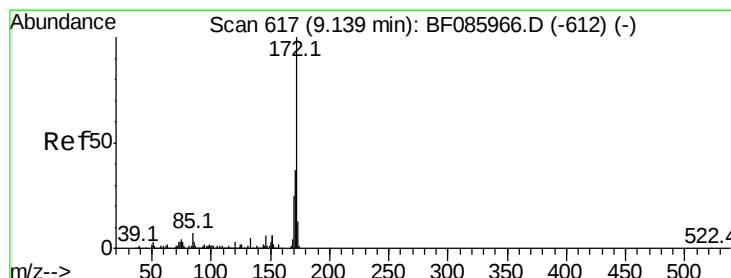
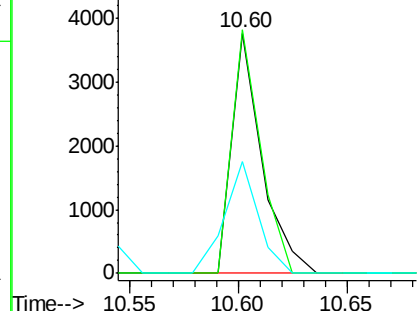
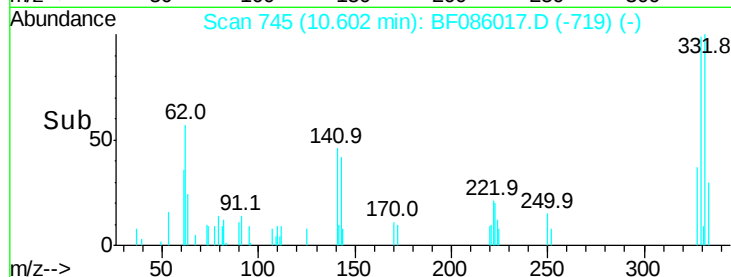
#41
 2,4,6-Tribromophenol
 Concen: 2.13 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF086017.D
 Acq: 2 Apr 2016 17:50

Instrument :
 BNA_F
 ClientSampled :
 W1DAY1

Tot Ion:330 Resp: 3609
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.2 117.2
 141 52.4 31.5 47.3#

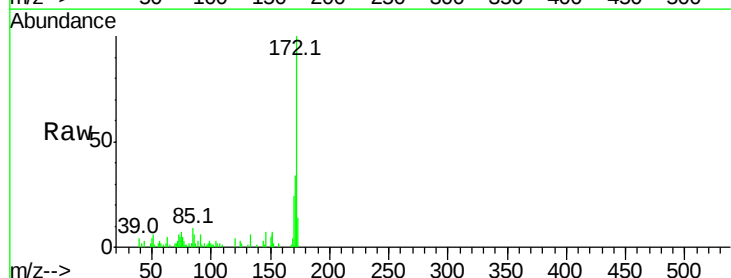


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

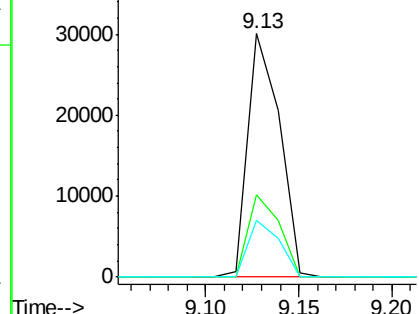
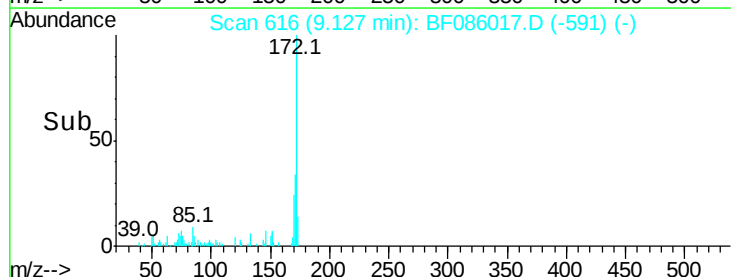


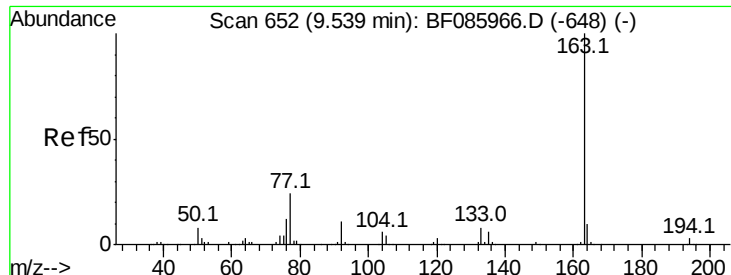
#44
 2-Fluorobiphenyl
 Concen: 3.28 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086017.D
 Acq: 2 Apr 2016 17:50

Tgt Ion:172 Resp: 35632
 Ion Ratio Lower Upper
 172 100
 171 33.6 29.4 44.2
 170 23.5 19.8 29.6



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: 5.74 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF086017.D

Acq: 2 Apr 2016 17:50

Instrument :

BNA_F

ClientSampleId :

W1DAY1

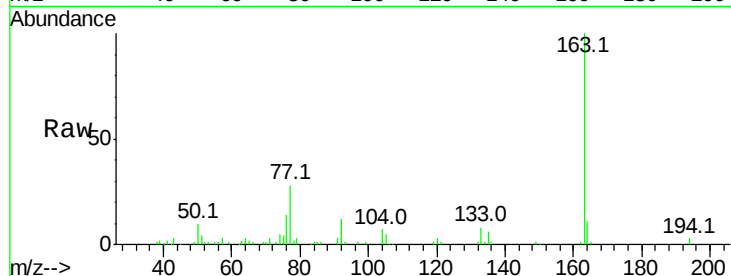
Tot Ion:163 Resp: 76907

Ion Ratio Lower Upper

163 100

194 3.2 2.9 4.3

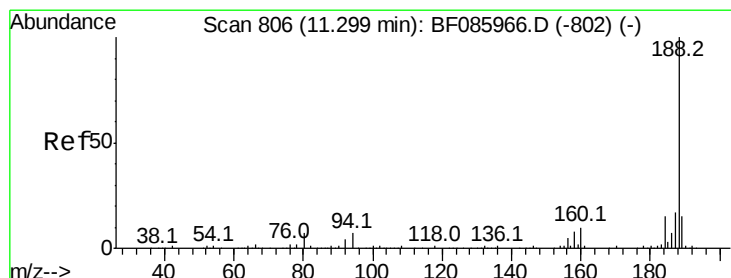
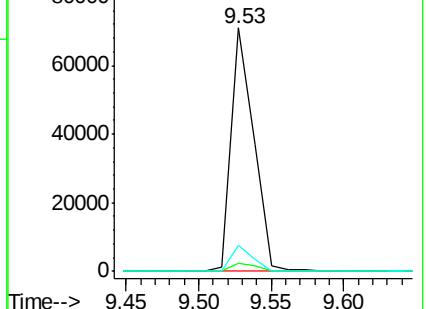
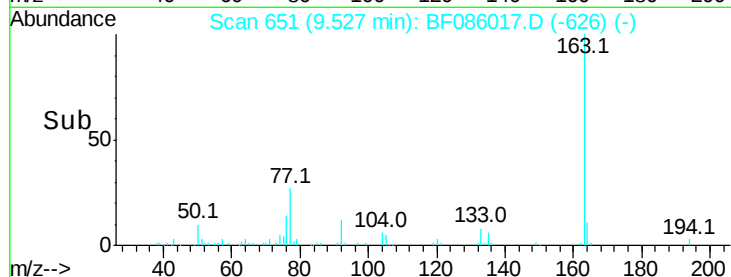
164 10.6 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF086017.D

Acq: 2 Apr 2016 17:50

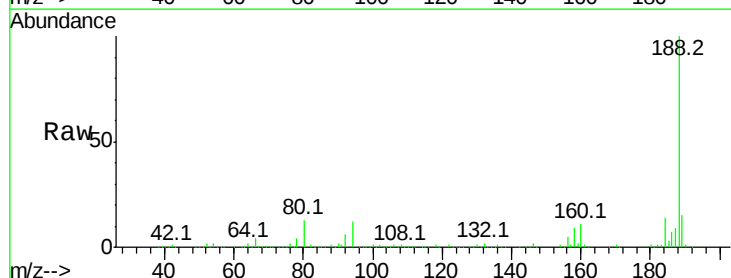
Tgt Ion:188 Resp: 336048

Ion Ratio Lower Upper

188 100

94 12.0 5.4 8.0#

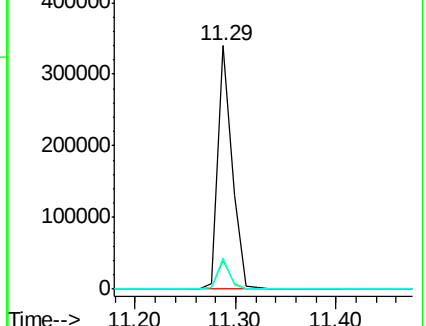
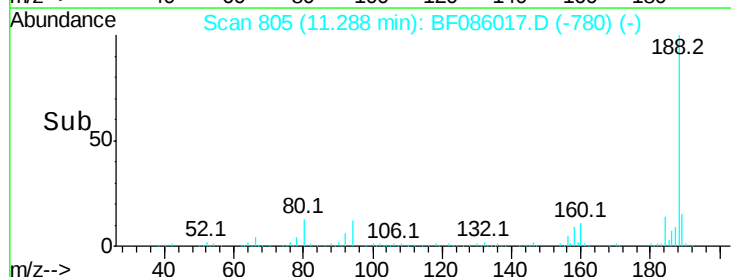
80 12.7 5.5 8.3#

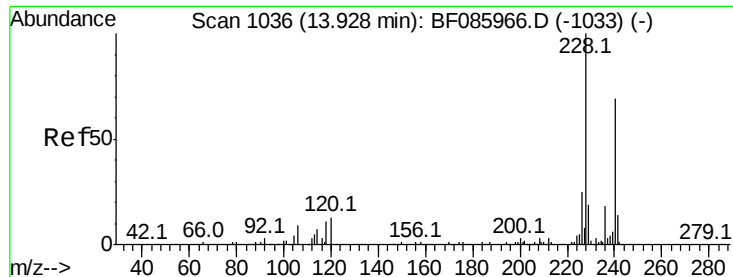


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.93 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF086017.D

Acq: 2 Apr 2016 17:50

Instrument :

BNA_F

ClientSampleId :

W1DAY1

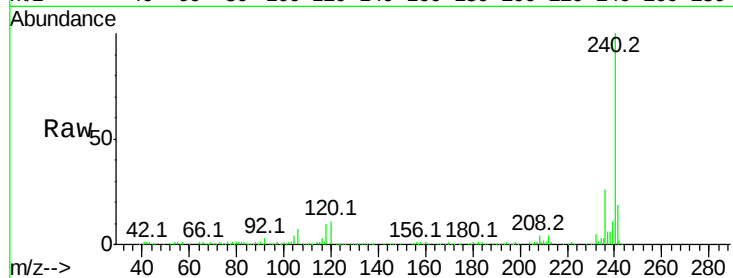
Tot Ion:240 Resp: 229851

Ion Ratio Lower Upper

240 100

120 10.7 13.8 20.8#

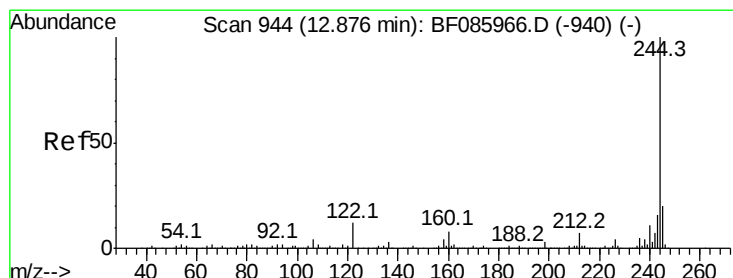
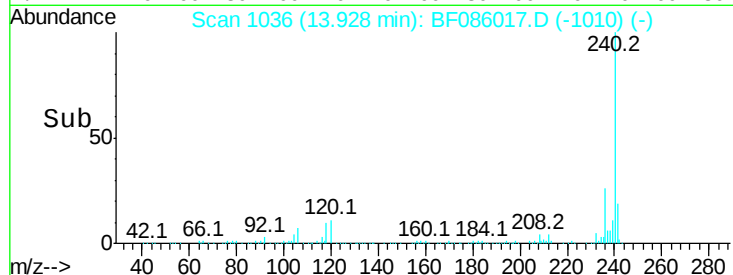
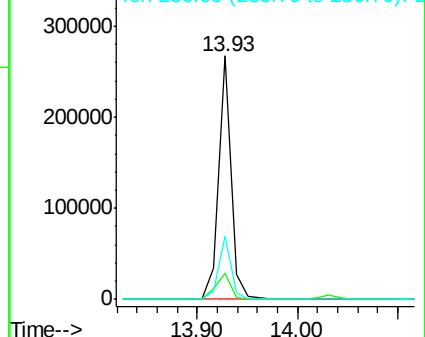
236 26.2 20.6 30.8



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: 2.33 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF086017.D

Acq: 2 Apr 2016 17:50

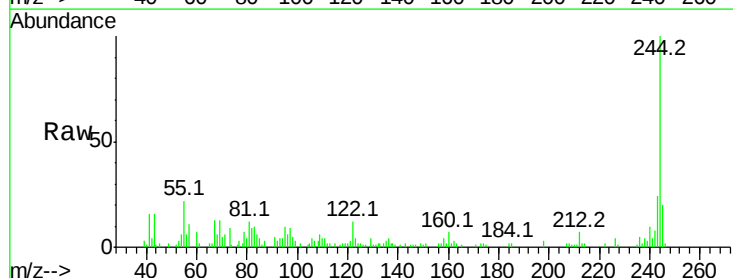
Tgt Ion:244 Resp: 22768

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

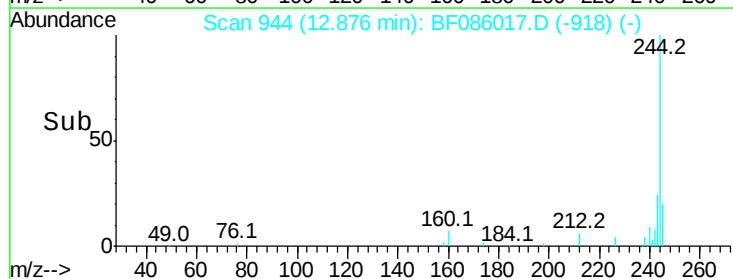
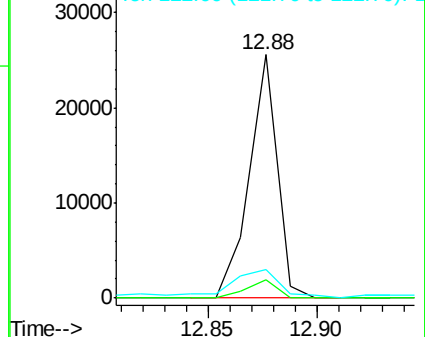
122 11.7 10.2 15.4

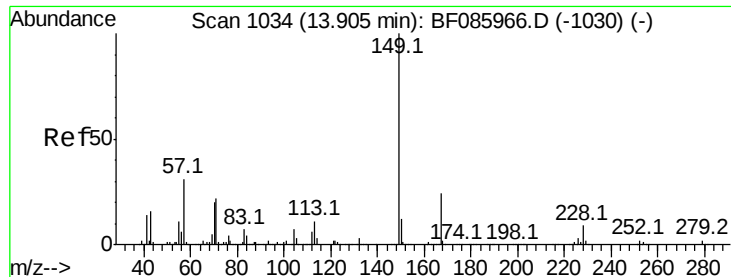


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.74 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF086017.D

Acq: 2 Apr 2016 17:50

Instrument :

BNA_F

ClientSampleId :

W1DAY1

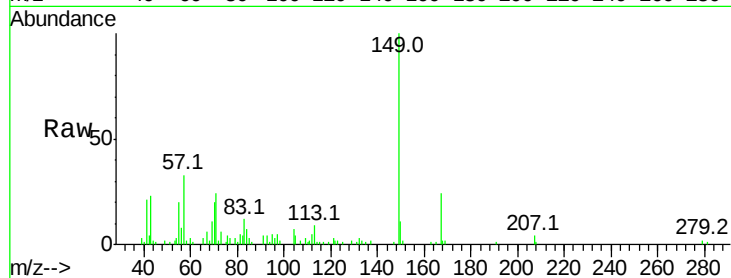
Tot Ion:149 Resp: 26510

Ion Ratio Lower Upper

149 100

167 23.5 19.4 29.2

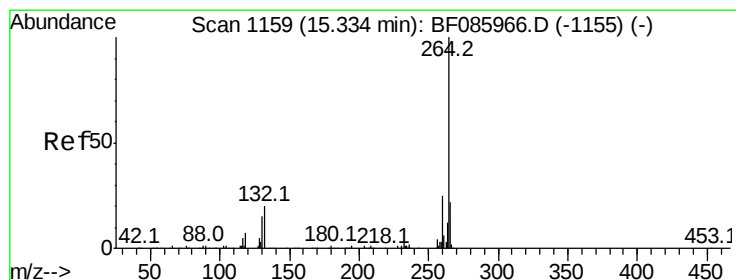
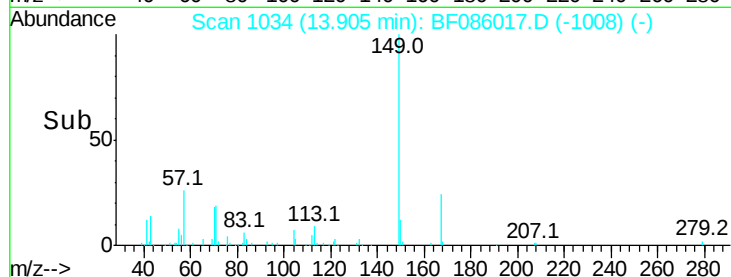
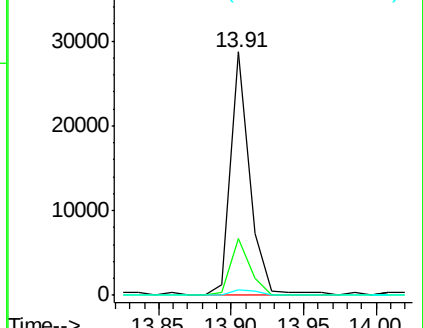
279 2.4 1.5 2.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.33 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF086017.D

Acq: 2 Apr 2016 17:50

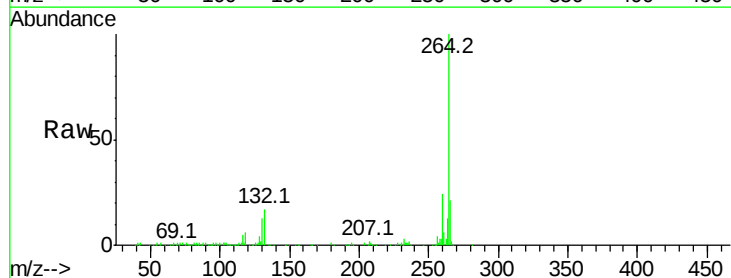
Tgt Ion:264 Resp: 204290

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.3 17.2 25.8



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

