

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087336.D
 Acq On : 24 May 2016 11:47
 Operator : UM/SJ
 Sample : H3168-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

Quant Time: May 24 19:04:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

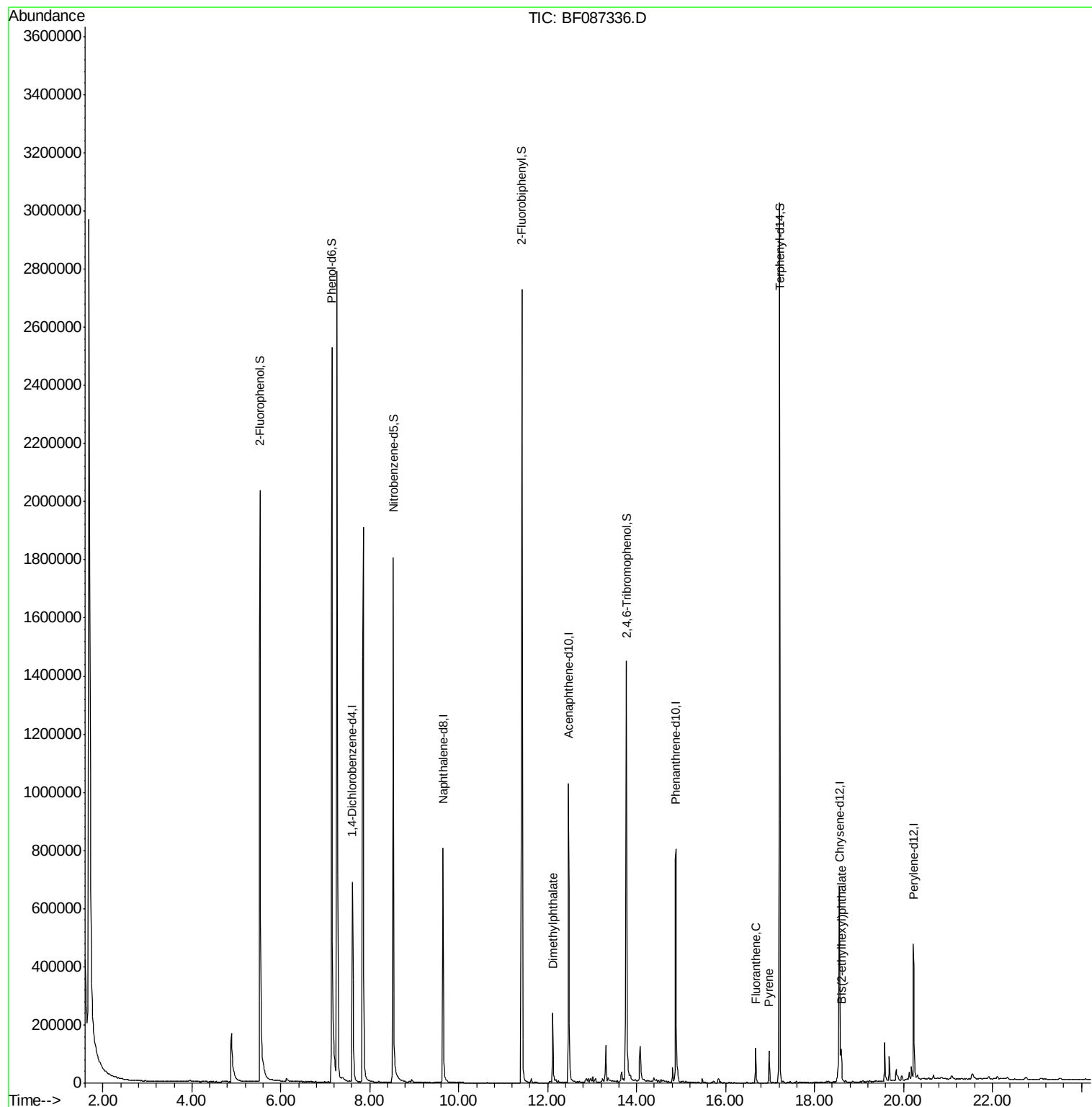
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	136844	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	585997	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	273221	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	497724	20.00	ng	0.00
75) Chrysene-d12	18.56	240	350743	20.00	ng	0.00
86) Perylene-d12	20.22	264	266967	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	853060	109.54	ng	0.01
7) Phenol-d6	7.15	99	1126059	107.01	ng	-0.01
23) Nitrobenzene-d5	8.52	82	797789	68.61	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	259467	98.82	ng	-0.01
44) 2-Fluorobiphenyl	11.42	172	1333050	68.78	ng	-0.01
78) Terphenyl-d14	17.21	244	1110318	67.30	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	12.11	163	130508	5.96	ng	99
74) Fluoranthene	16.67	202	74196	2.68	ng	94
77) Pyrene	16.97	202	67726	2.68	ng	96
83) Bis(2-ethylhexyl)phthalate	18.61	149	44143	2.70	ng	# 98

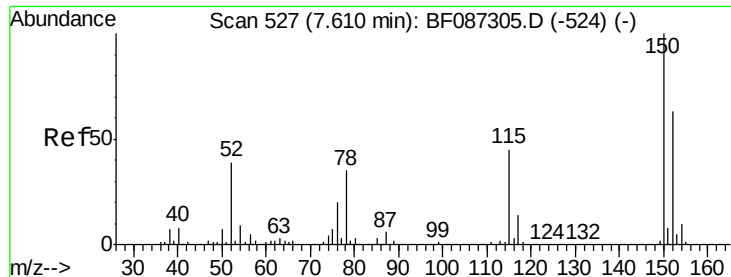
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF087336.D

Acq: 24 May 2016 11:47

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

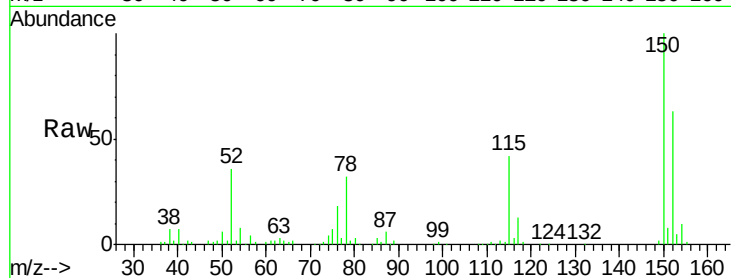
Tgt Ion:152 Resp: 136844

Ion Ratio Lower Upper

152 100

150 159.6 125.8 188.6

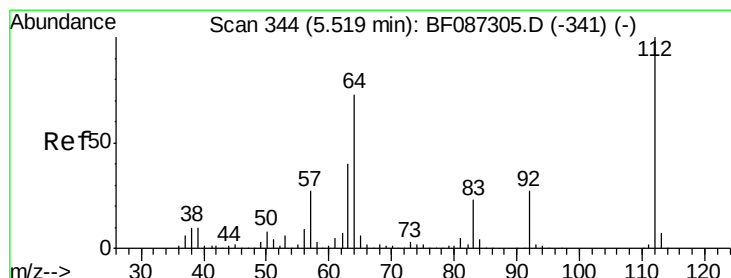
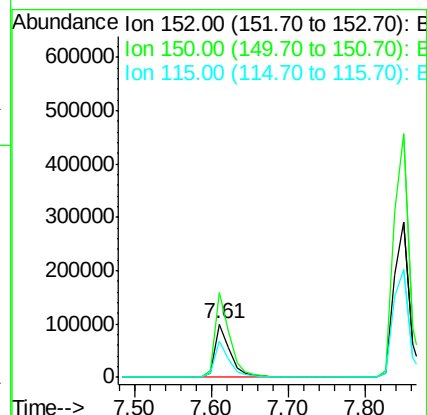
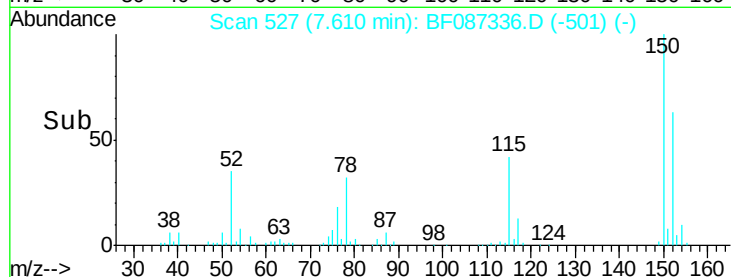
115 67.3 51.5 77.3



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: 109.54 ng

RT: 5.53 min Scan# 345

Delta R.T. 0.01 min

Lab File: BF087336.D

Acq: 24 May 2016 11:47

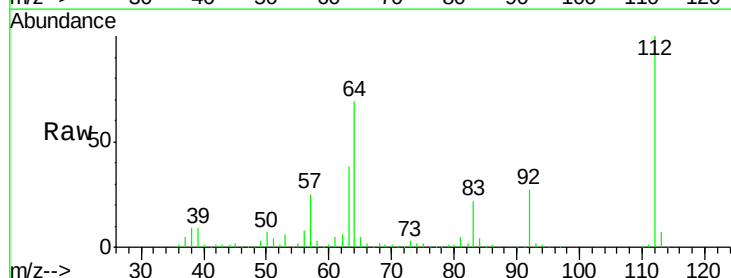
Tgt Ion:112 Resp: 853060

Ion Ratio Lower Upper

112 100

64 68.7 52.1 78.1

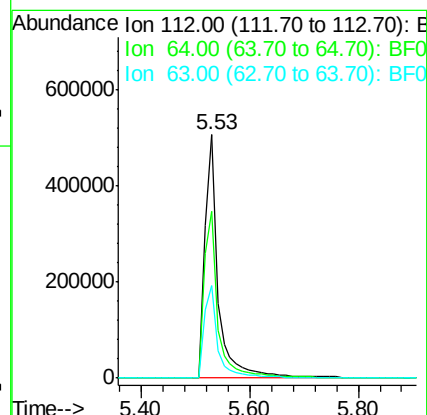
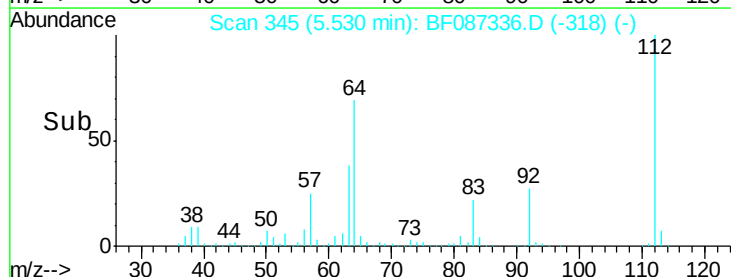
63 37.8 25.7 38.5

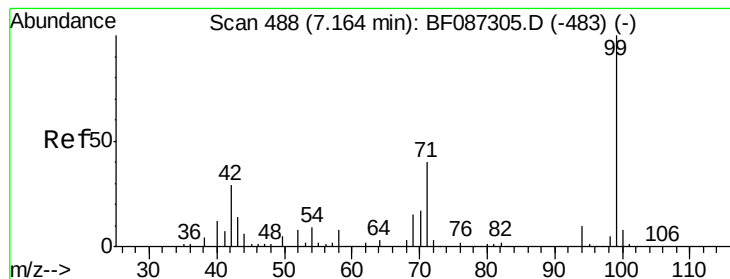


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.01 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF087336.D

Acq: 24 May 2016 11:47

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

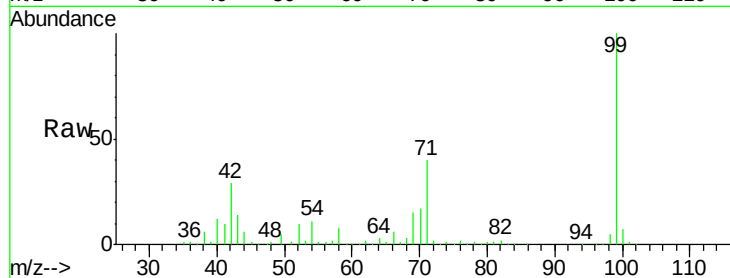
Tgt Ion: 99 Resp: 1126059

Ion Ratio Lower Upper

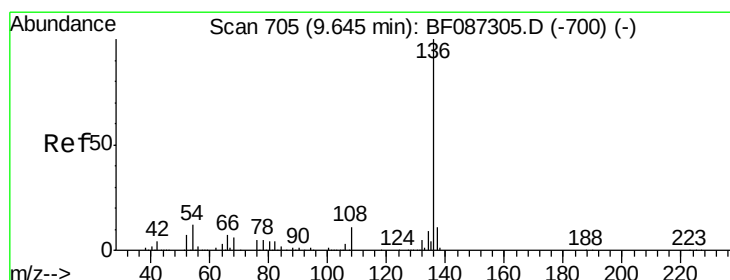
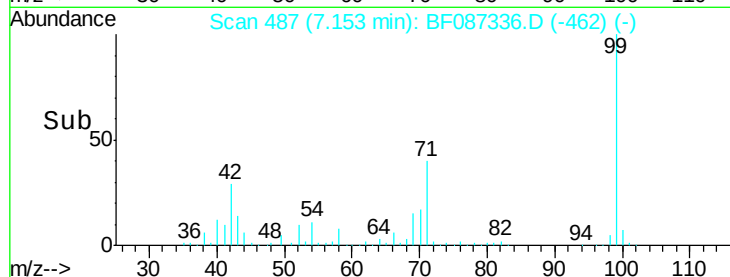
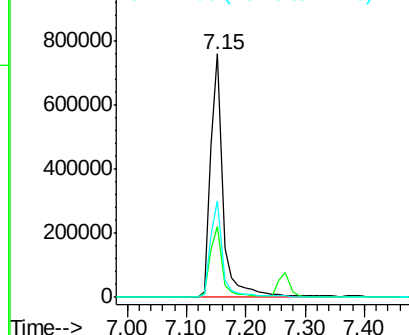
99 100

42 29.0 13.6 20.4#

71 39.8 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: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF087336.D

Acq: 24 May 2016 11:47

Tgt Ion: 136 Resp: 585997

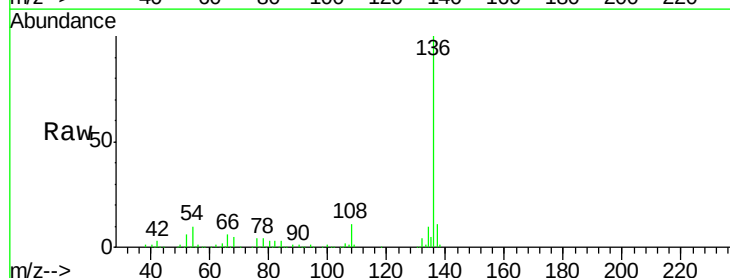
Ion Ratio Lower Upper

136 100

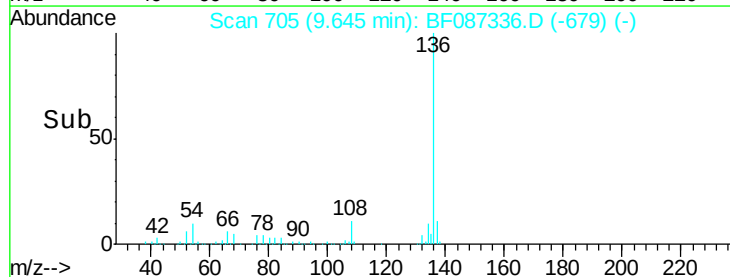
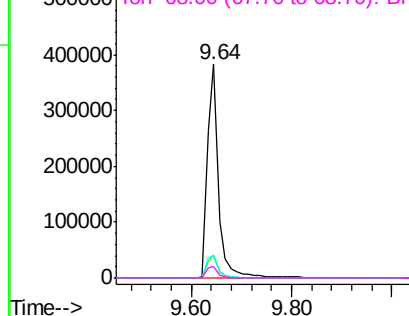
137 10.6 8.8 13.2

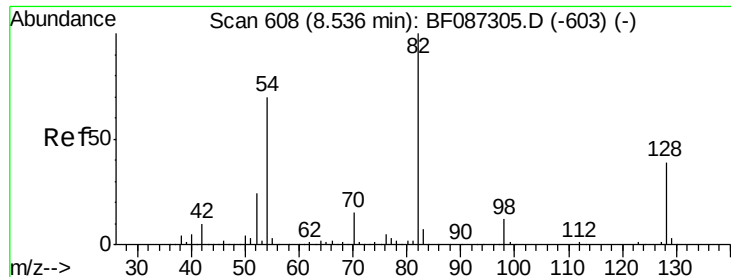
54 10.1 5.0 7.4#

68 5.3 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: 68.61 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF087336.D

Acq: 24 May 2016 11:47

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

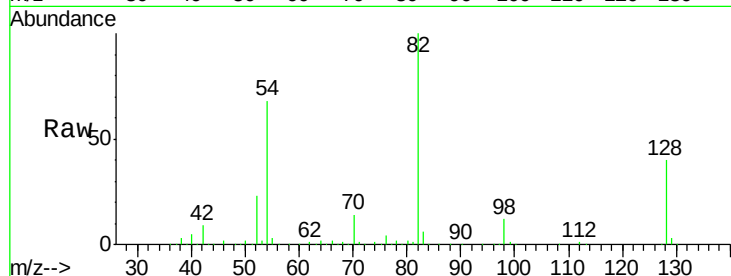
Tgt Ion: 82 Resp: 797789

Ion Ratio Lower Upper

82 100

128 40.2 40.6 61.0#

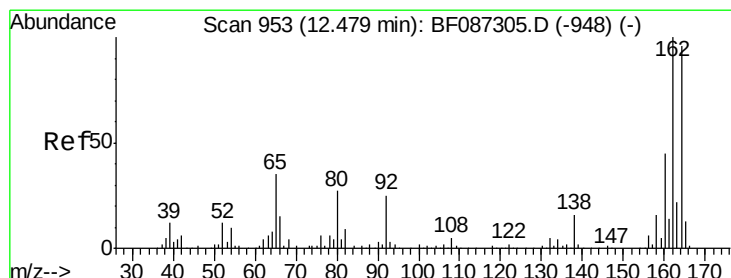
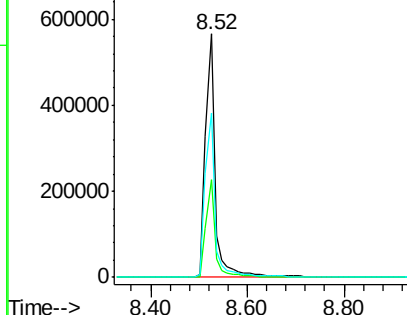
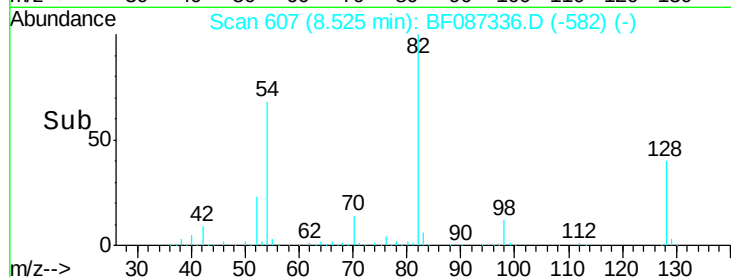
54 67.7 38.1 57.1#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF087336.D

Acq: 24 May 2016 11:47

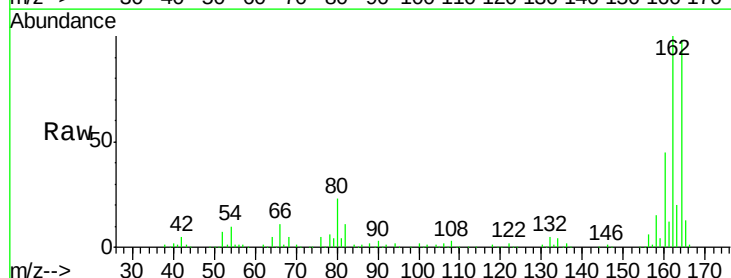
Tgt Ion: 164 Resp: 273221

Ion Ratio Lower Upper

164 100

162 101.8 82.8 124.2

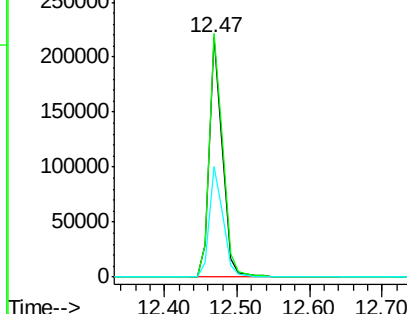
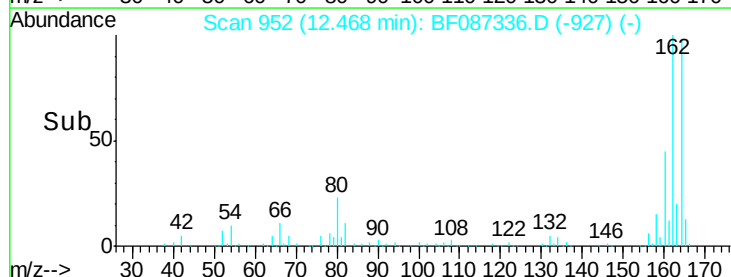
160 46.2 36.9 55.3

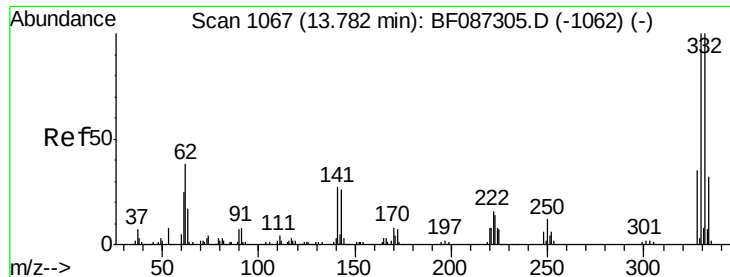


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

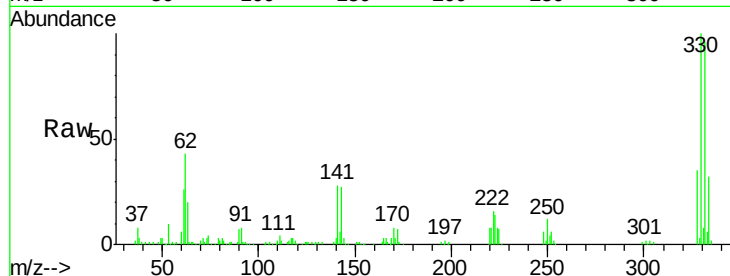




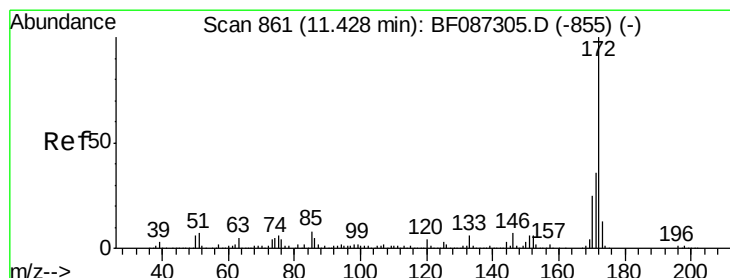
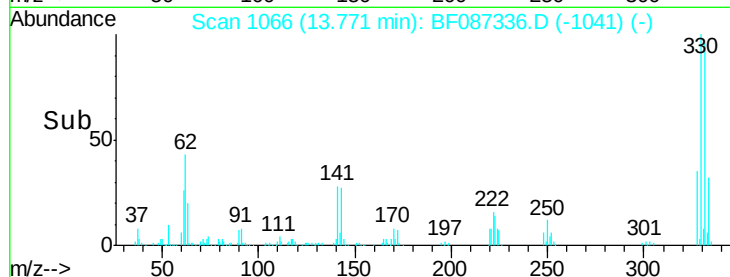
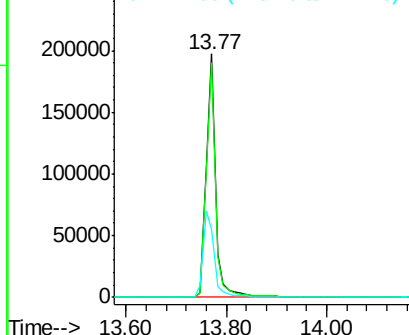
#41
 2,4,6-Tribromophenol
 Concen: 98.82 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087336.D
 Acq: 24 May 2016 11:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

Tgt Ion:330 Resp: 259467
 Ion Ratio Lower Upper
 330 100
 332 96.6 79.0 118.4
 141 41.7 31.2 46.8

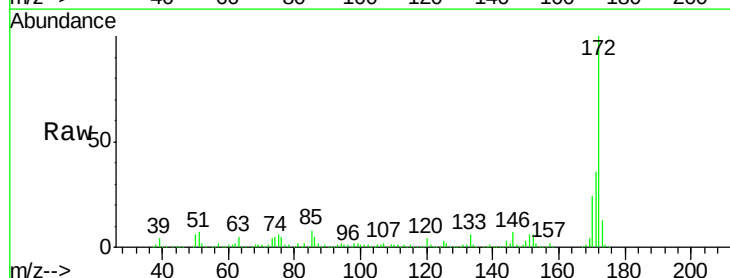


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

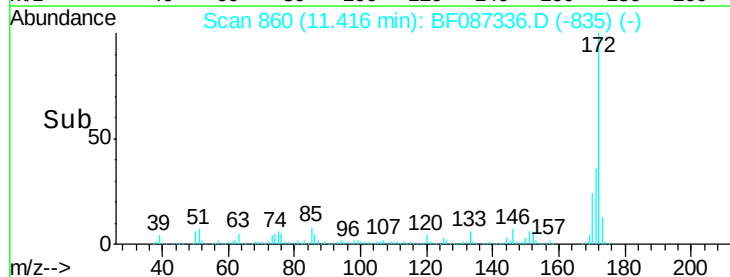
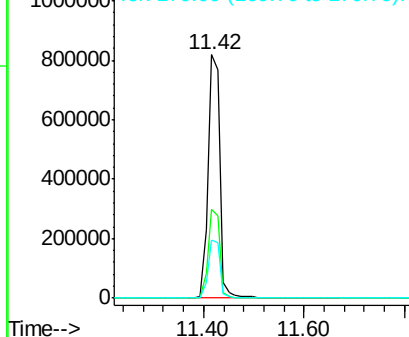


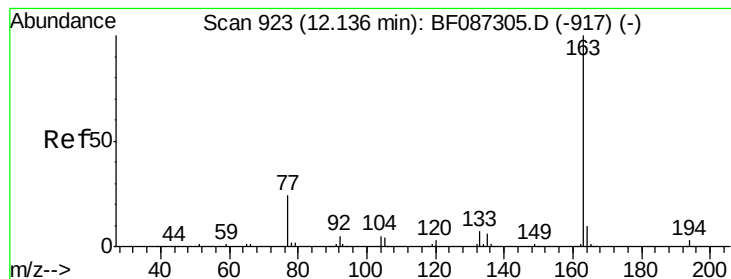
#44
 2-Fluorobiphenyl
 Concen: 68.78 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF087336.D
 Acq: 24 May 2016 11:47

Tgt Ion:172 Resp: 1333050
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 23.8 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: 5.96 ng

RT: 12.11 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF087336.D

Acq: 24 May 2016 11:47

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

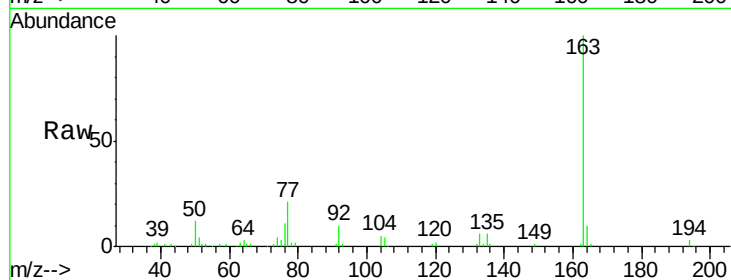
Tgt Ion:163 Resp: 130508

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

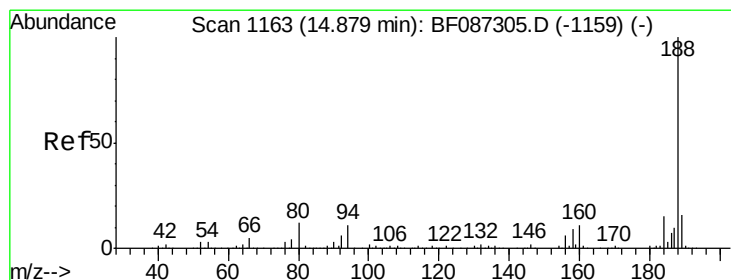
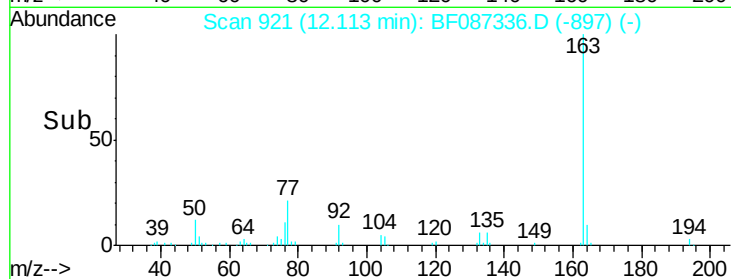
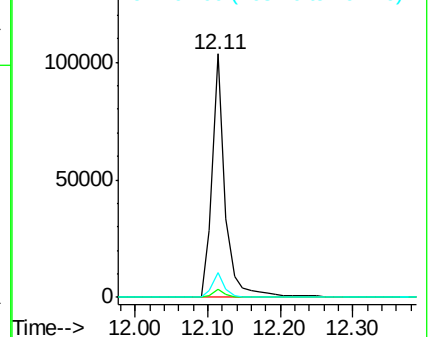
164 10.0 8.2 12.4



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: 14.88 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF087336.D

Acq: 24 May 2016 11:47

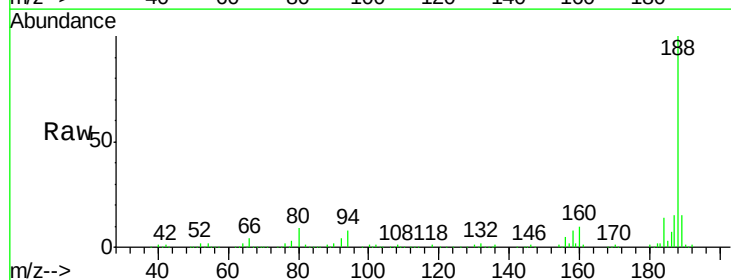
Tgt Ion:188 Resp: 497724

Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

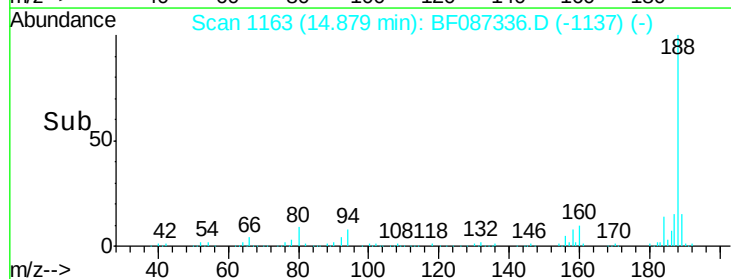
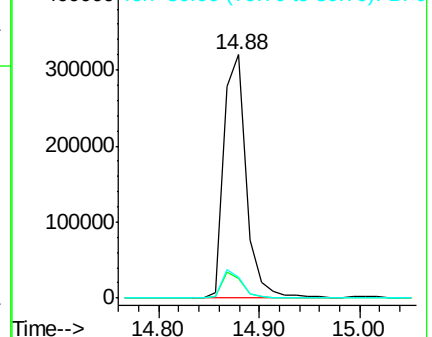
80 8.6 7.1 10.7

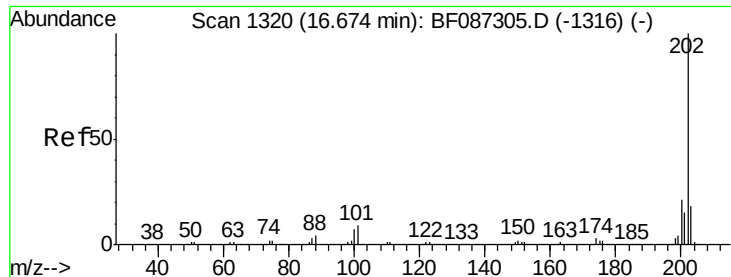


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

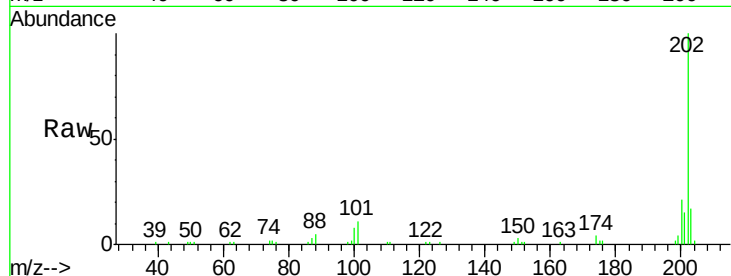




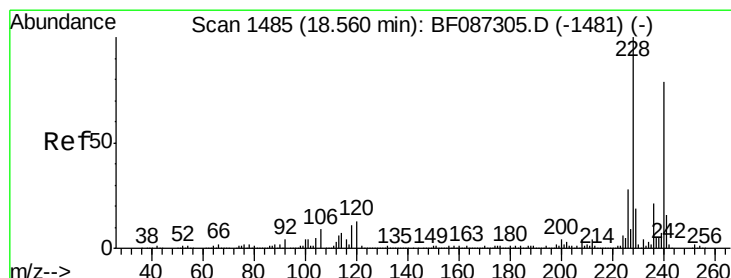
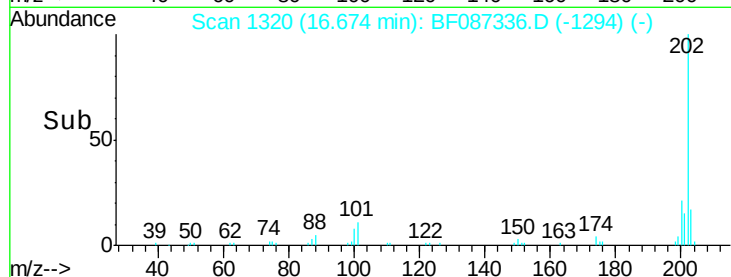
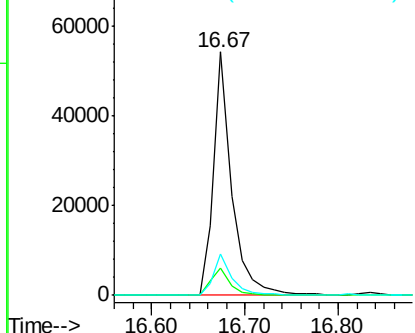
#74
 Fluoranthene
 Concen: 2.68 ng
 RT: 16.67 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF087336.D
 Acq: 24 May 2016 11:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	35.4
203	17.1	0.0	38.1

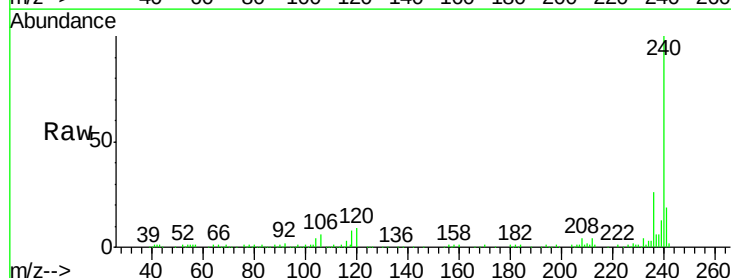


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

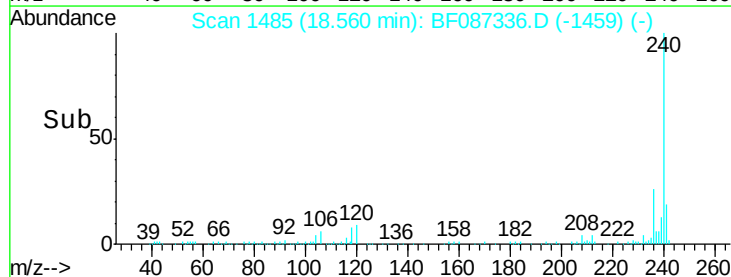
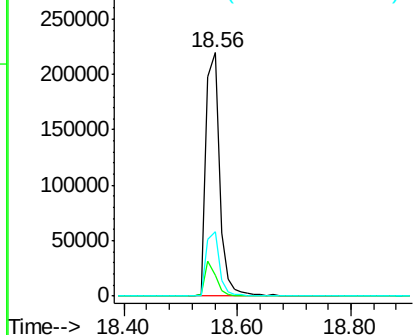


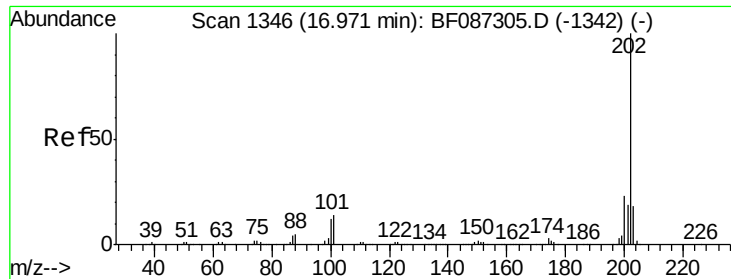
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.56 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: BF087336.D
 Acq: 24 May 2016 11:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.7	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

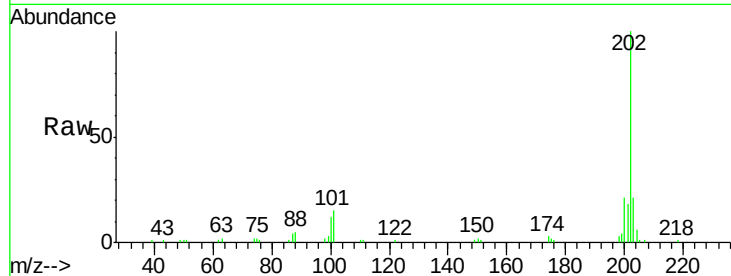




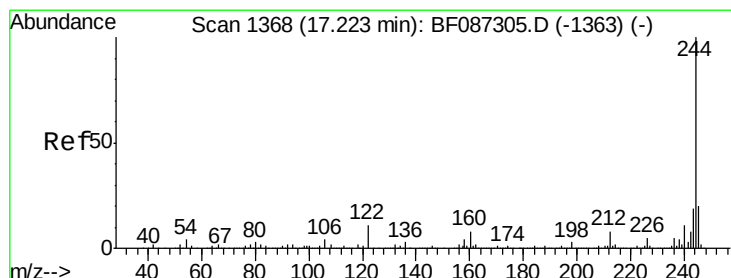
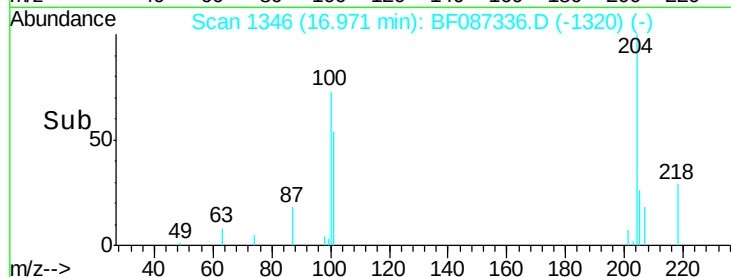
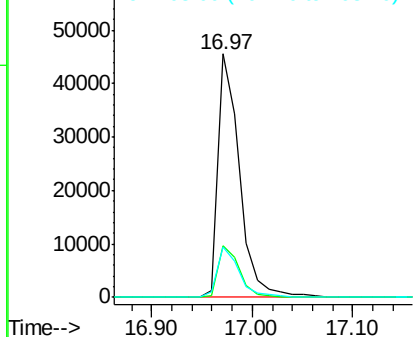
#77
 Pyrene
 Concen: 2.68 ng
 RT: 16.97 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: BF087336.D
 Acq: 24 May 2016 11:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

Tgt Ion: 202 Resp: 67726
 Ion Ratio Lower Upper
 202 100
 200 21.0 17.7 26.5
 203 20.5 14.2 21.4

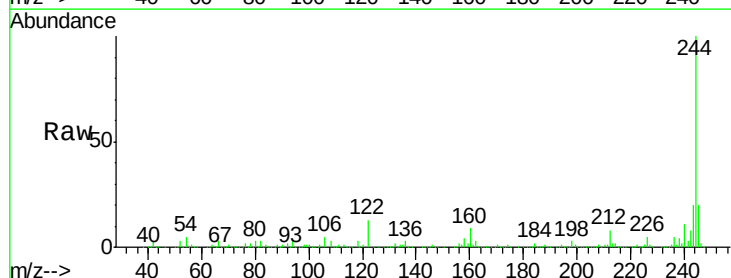


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

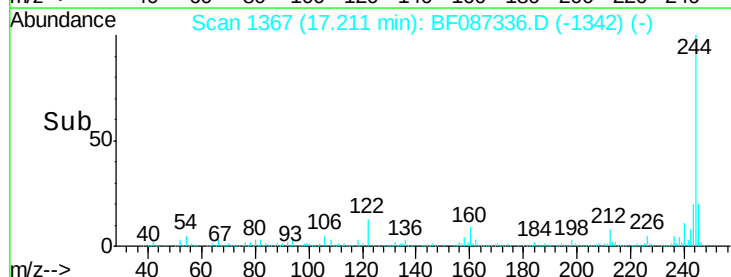
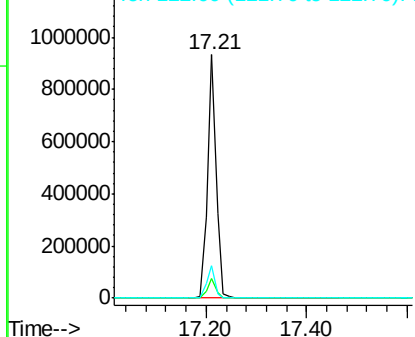


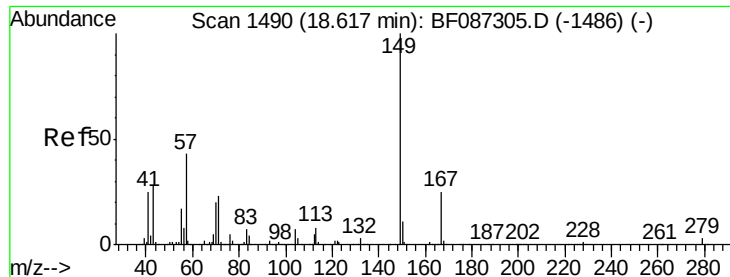
#78
 Terphenyl-d14
 Concen: 67.30 ng
 RT: 17.21 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BF087336.D
 Acq: 24 May 2016 11:47

Tgt Ion: 244 Resp: 1110318
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 13.2 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





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.70 ng

RT: 18.61 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF087336.D

Acq: 24 May 2016 11:47

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

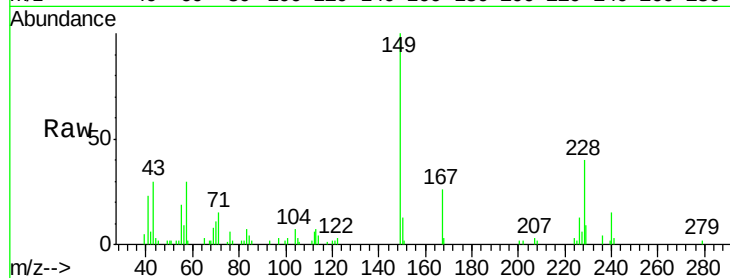
Tgt Ion:149 Resp: 44143

Ion Ratio Lower Upper

149 100

167 26.3 21.8 32.6

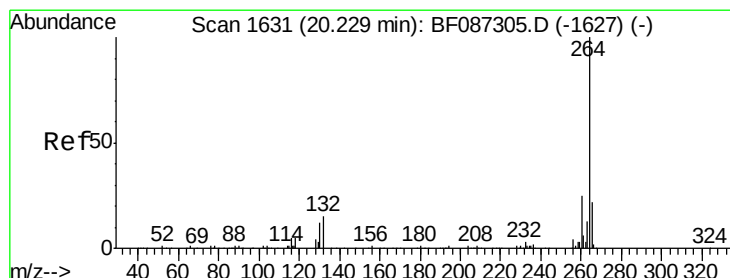
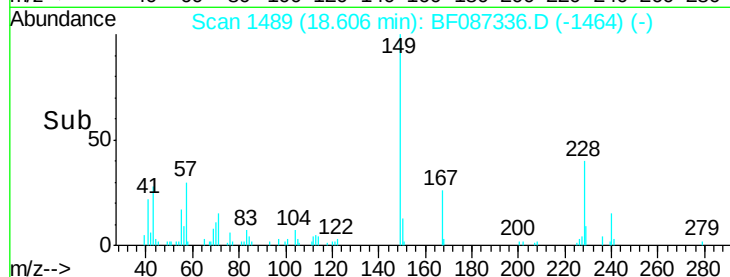
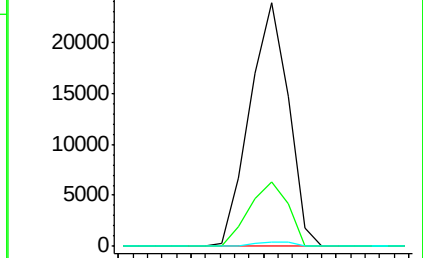
279 1.7 2.6 4.0#



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: 20.22 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BF087336.D

Acq: 24 May 2016 11:47

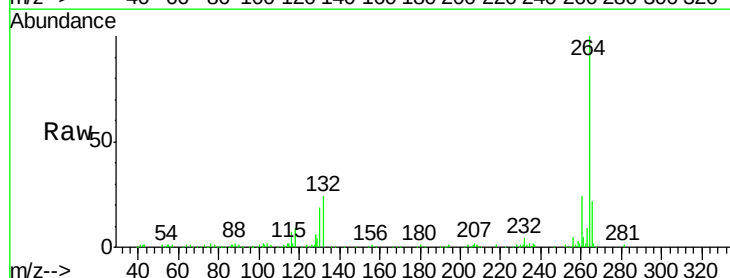
Tgt Ion:264 Resp: 266967

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.6 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

