

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087339.D
 Acq On : 24 May 2016 13:28
 Operator : UM/SJ
 Sample : H3169-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

Quant Time: May 24 19:04:59 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

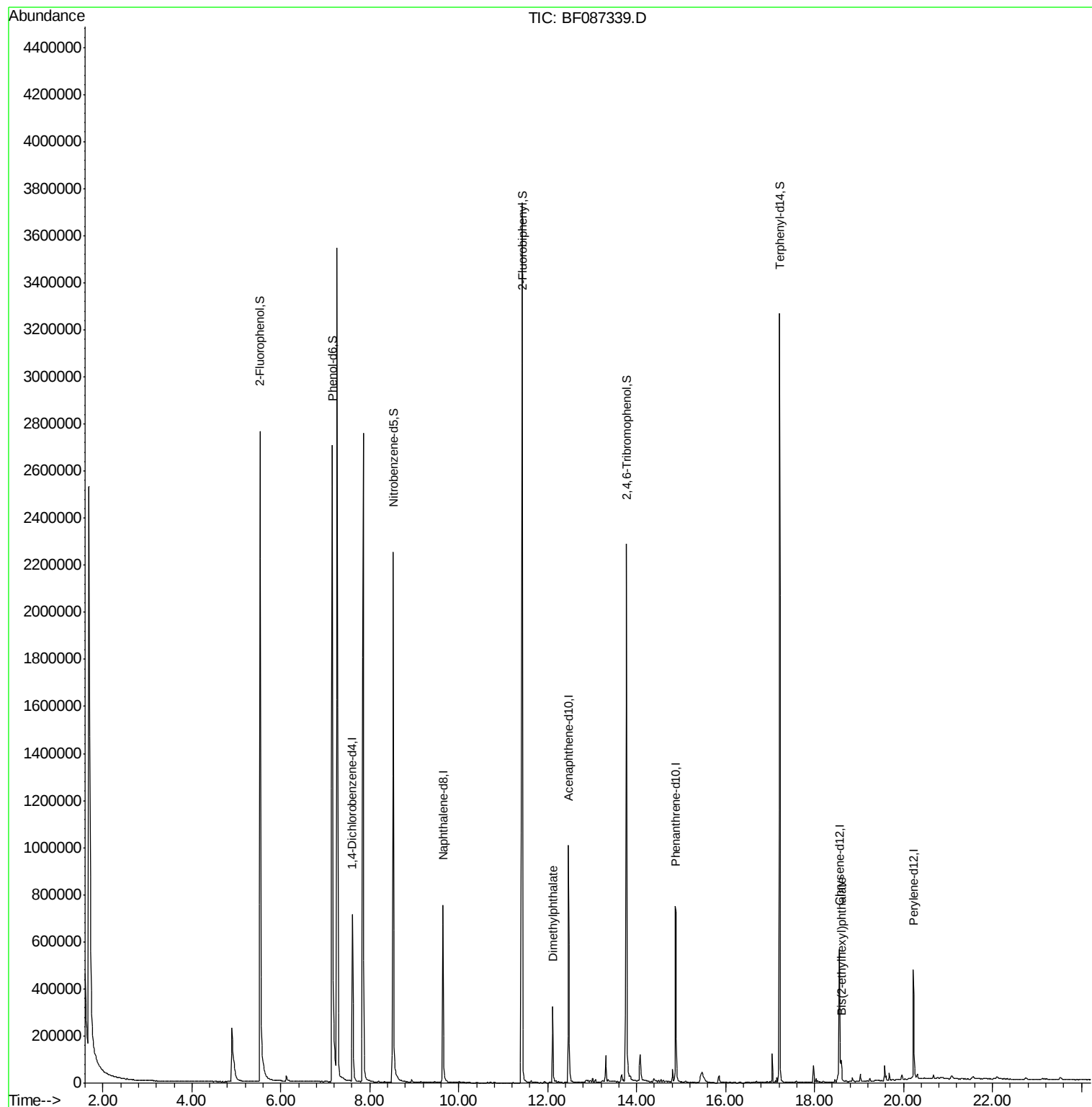
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	134507	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	577082	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	265148	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	476696	20.00	ng	0.00
75) Chrysene-d12	18.56	240	320348	20.00	ng	0.00
86) Perylene-d12	20.22	264	251406	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1180331	154.19	ng	0.01
7) Phenol-d6	7.16	99	1660604	160.55	ng	0.00
23) Nitrobenzene-d5	8.52	82	1029483	89.91	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	353433	138.71	ng	-0.01
44) 2-Fluorobiphenyl	11.43	172	1792015	95.28	ng	0.00
78) Terphenyl-d14	17.21	244	1443611	95.81	ng	-0.01
Target Compounds						
49) Dimethylphthalate	12.11	163	189505	8.92	ng	99
83) Bis(2-ethylhexyl)phthalate	18.61	149	40114	2.69	ng	# 99

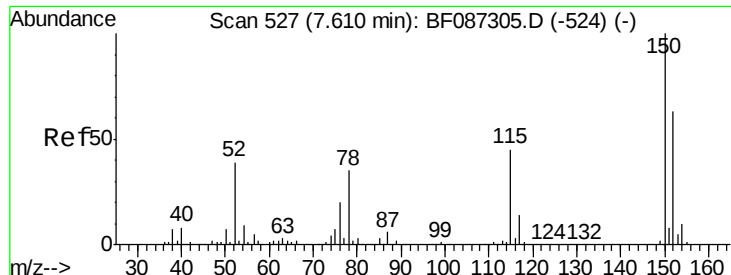
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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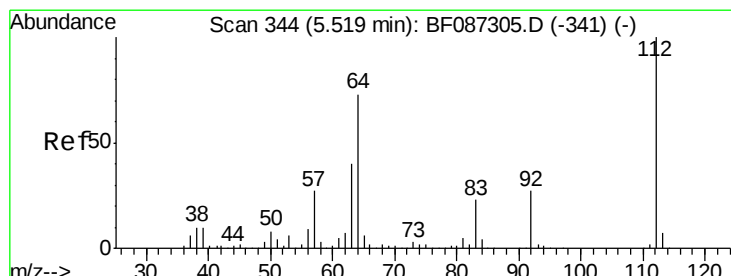
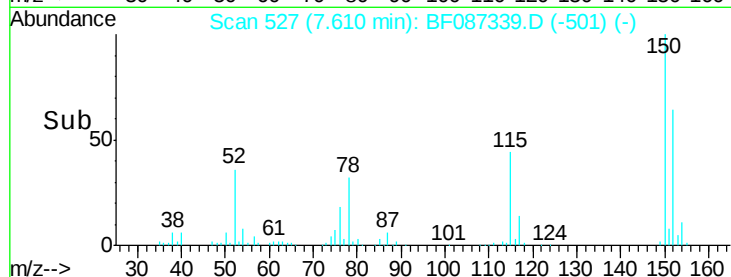
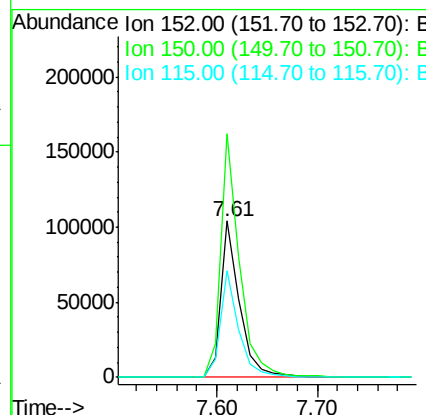
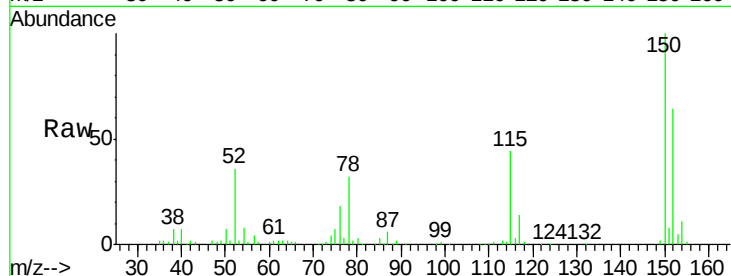




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.61 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF087339.D
 Acq: 24 May 2016 13:28

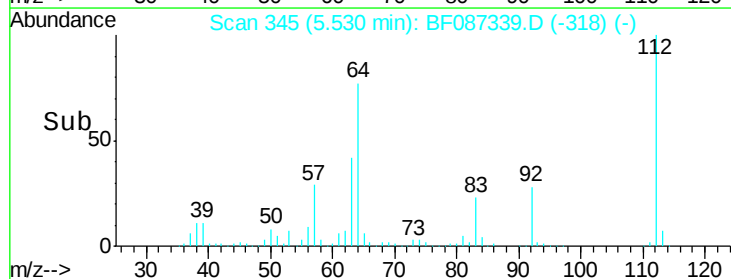
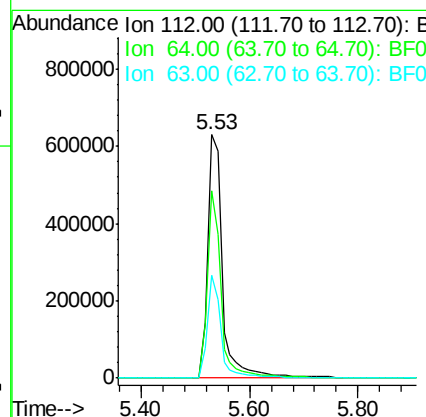
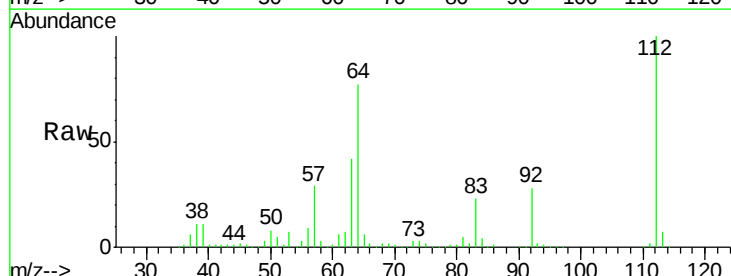
Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

Tgt Ion:152 Resp: 134507
 Ion Ratio Lower Upper
 152 100
 150 155.8 125.8 188.6
 115 67.9 51.5 77.3



#5
 2-Fluorophenol
 Concen: 154.19 ng
 RT: 5.53 min Scan# 345
 Delta R.T. 0.01 min
 Lab File: BF087339.D
 Acq: 24 May 2016 13:28

Tgt Ion:112 Resp: 1180331
 Ion Ratio Lower Upper
 112 100
 64 76.7 52.1 78.1
 63 42.4 25.7 38.5#





#7

Phenol-d6

Concen: 160.55 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF087339.D

Acq: 24 May 2016 13:28

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

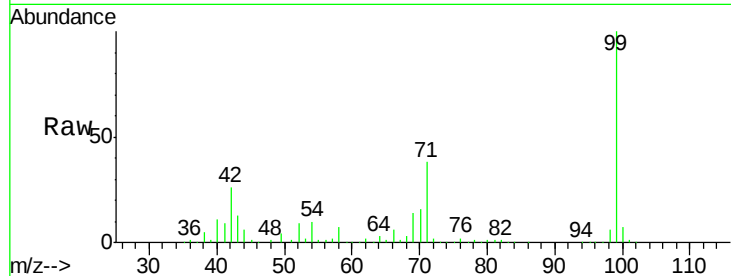
Tgt Ion: 99 Resp: 1660604

Ion Ratio Lower Upper

99 100

42 26.1 13.6 20.4#

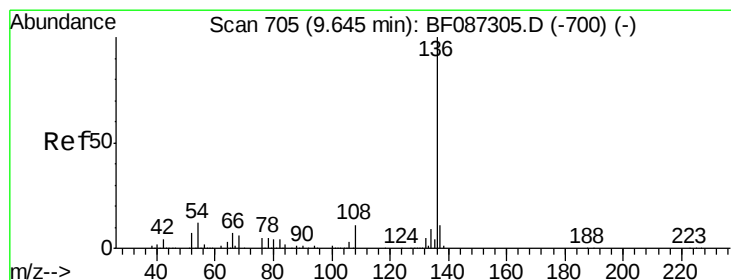
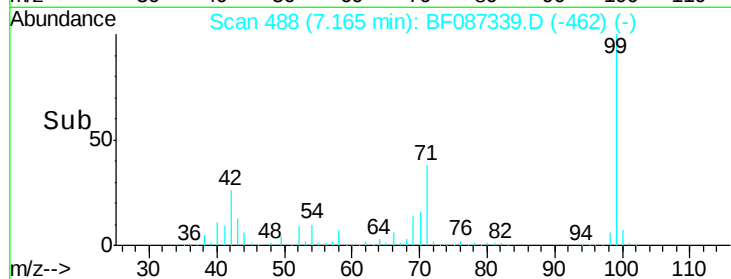
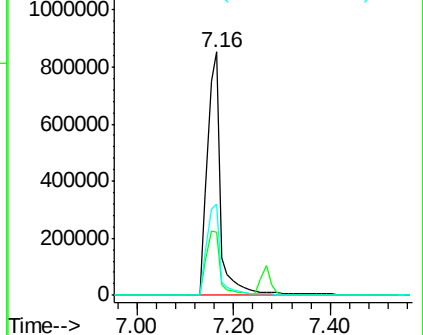
71 37.7 24.6 36.8#



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: BF087339.D

Acq: 24 May 2016 13:28

Tgt Ion: 136 Resp: 577082

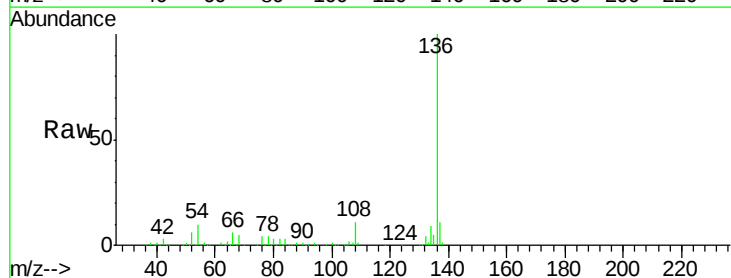
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 9.9 5.0 7.4#

68 5.2 4.4 6.6

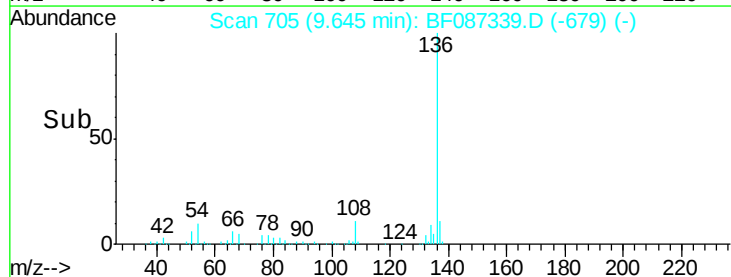
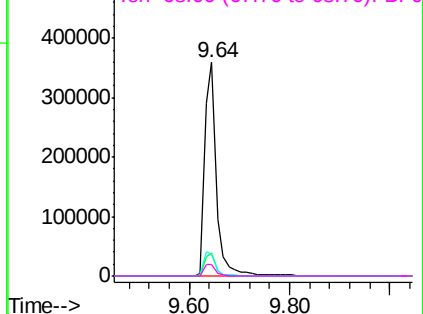


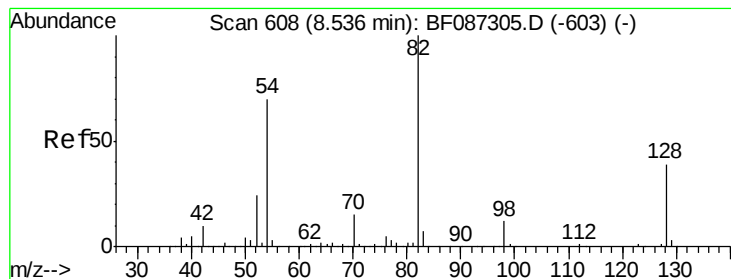
Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.91 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF087339.D

Acq: 24 May 2016 13:28

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

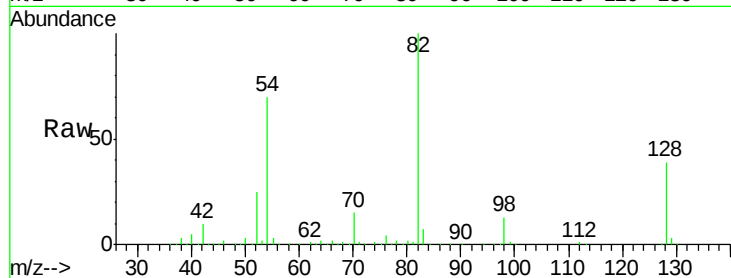
Tgt Ion: 82 Resp: 1029483

Ion Ratio Lower Upper

82 100

128 38.9 40.6 61.0#

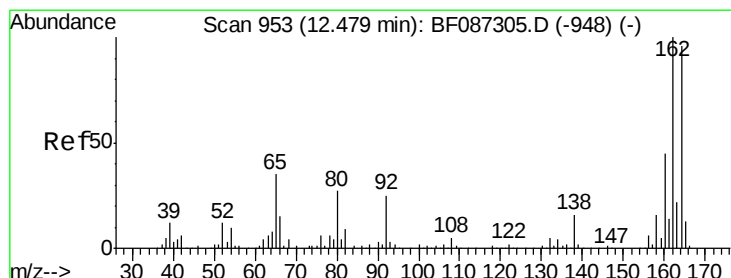
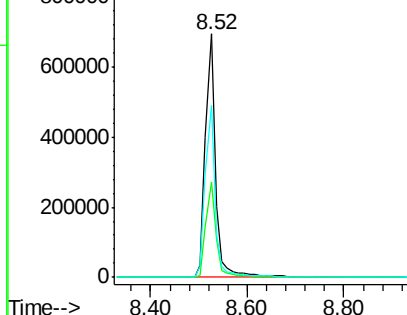
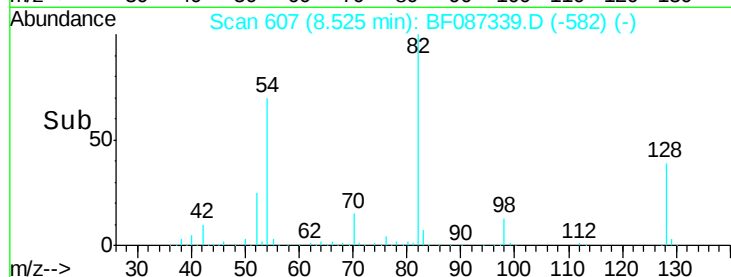
54 70.4 38.1 57.1#



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: BF087339.D

Acq: 24 May 2016 13:28

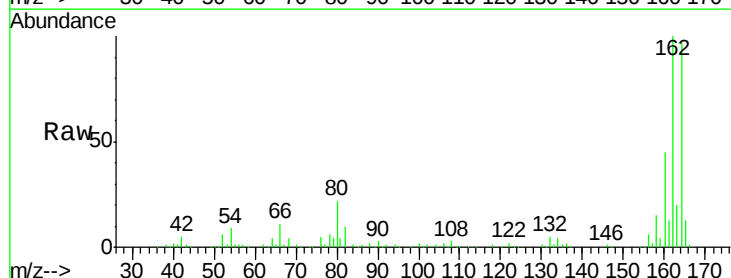
Tgt Ion: 164 Resp: 265148

Ion Ratio Lower Upper

164 100

162 102.8 82.8 124.2

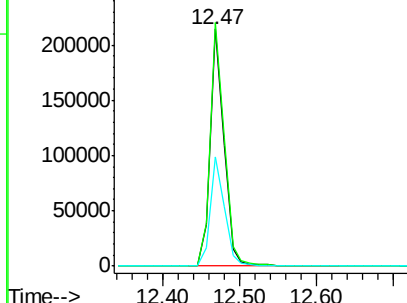
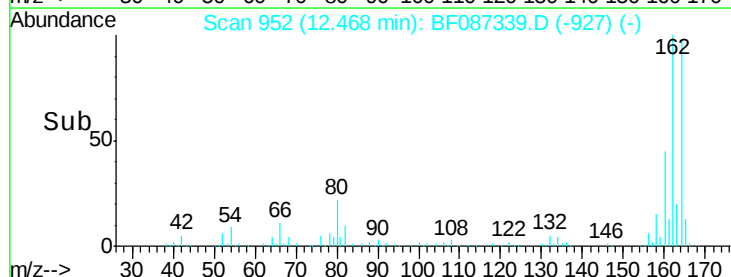
160 45.9 36.9 55.3

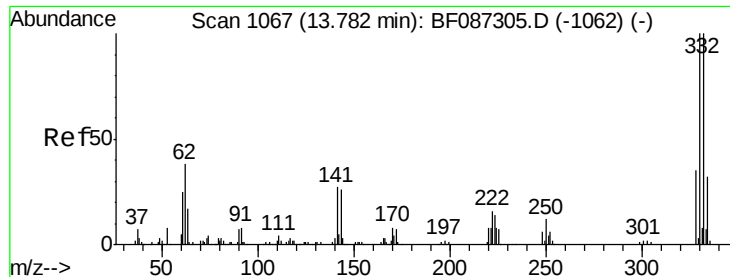


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

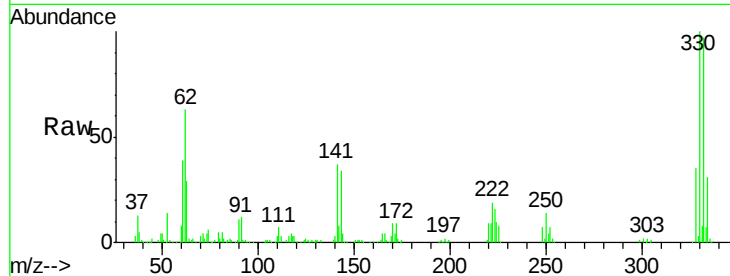




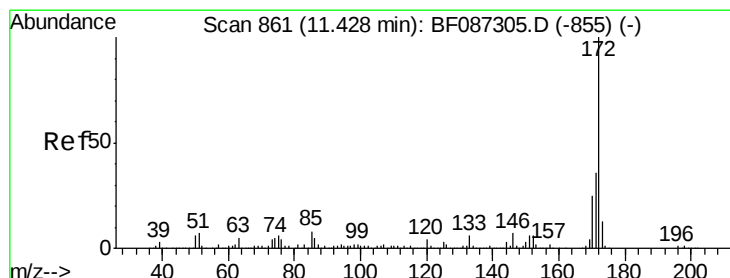
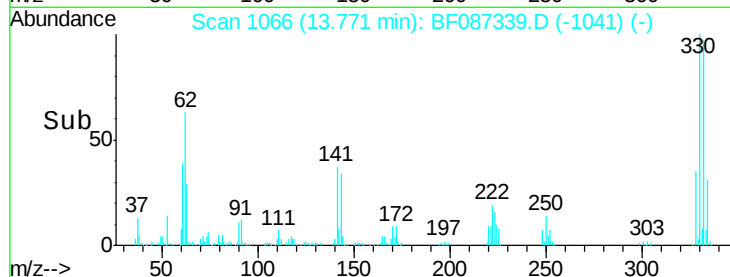
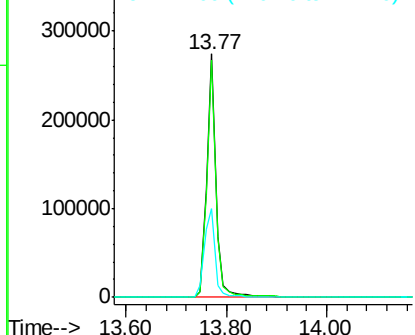
#41
 2,4,6-Tribromophenol
 Concen: 138.71 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087339.D
 Acq: 24 May 2016 13:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

Tgt Ion:330 Resp: 353433
 Ion Ratio Lower Upper
 330 100
 332 96.6 79.0 118.4
 141 42.6 31.2 46.8

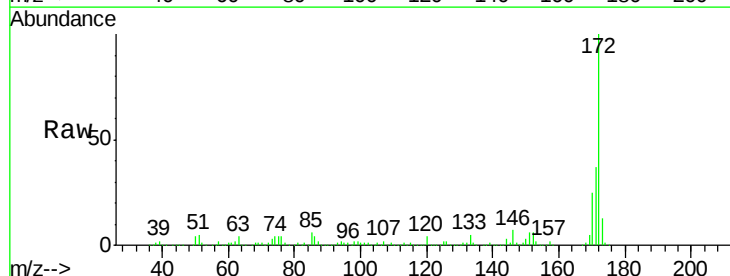


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

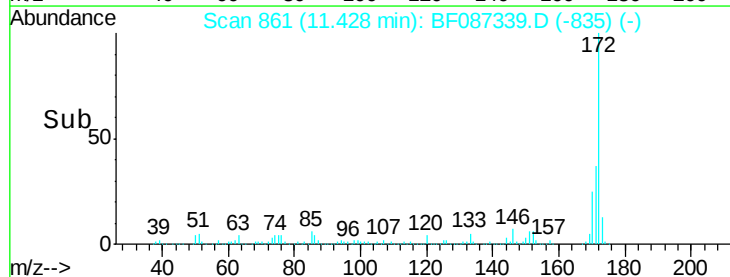
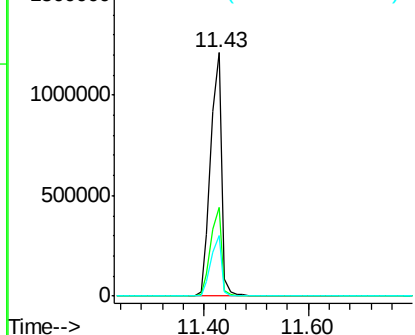


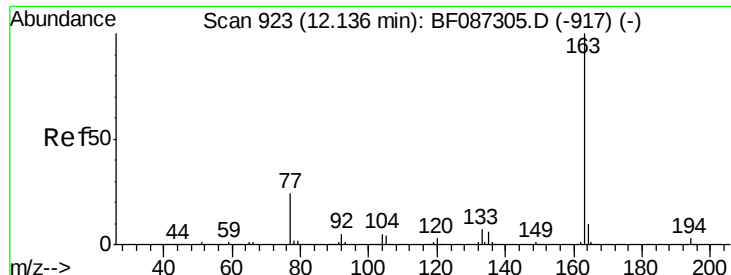
#44
 2-Fluorobiphenyl
 Concen: 95.28 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF087339.D
 Acq: 24 May 2016 13:28

Tgt Ion:172 Resp: 1792015
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.8 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: 8.92 ng

RT: 12.11 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF087339.D

Acq: 24 May 2016 13:28

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

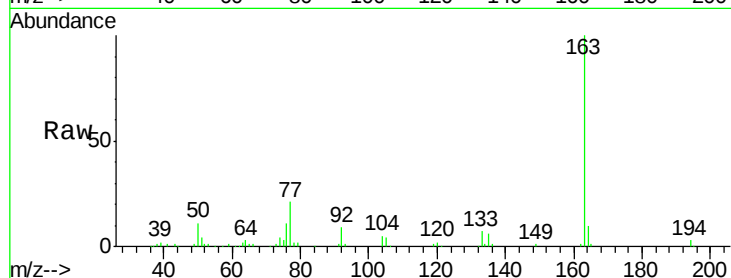
Tgt Ion:163 Resp: 189505

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

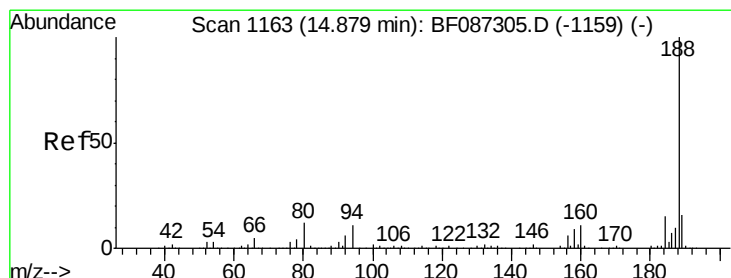
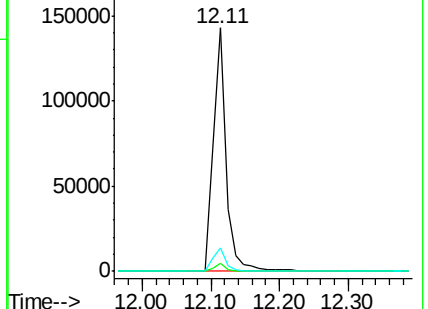
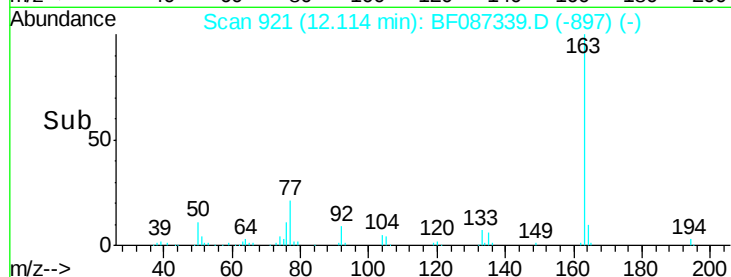
164 9.7 8.2 12.4



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: BF087339.D

Acq: 24 May 2016 13:28

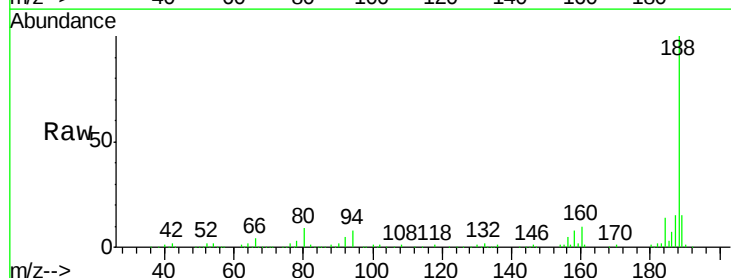
Tgt Ion:188 Resp: 476696

Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

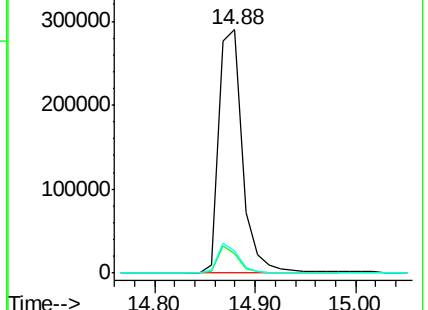
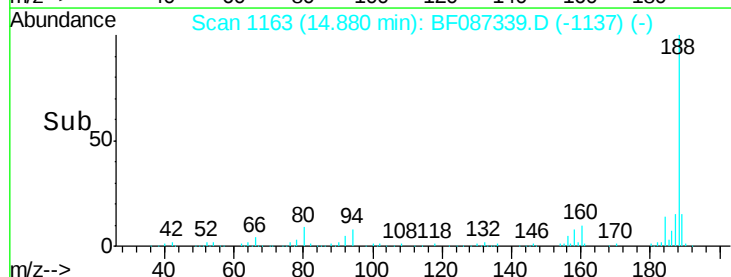
80 8.9 7.1 10.7



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.56 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BF087339.D

Acq: 24 May 2016 13:28

Instrument :

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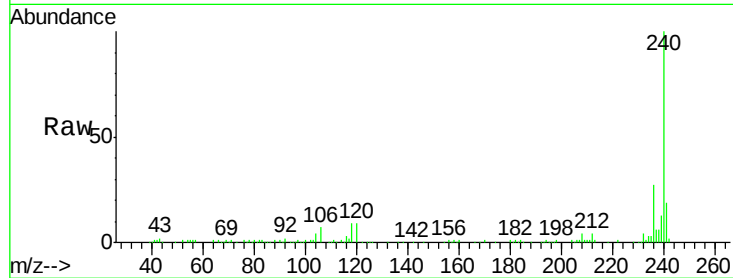
Tgt Ion:240 Resp: 320348

Ion Ratio Lower Upper

240 100

120 9.4 11.2 16.8#

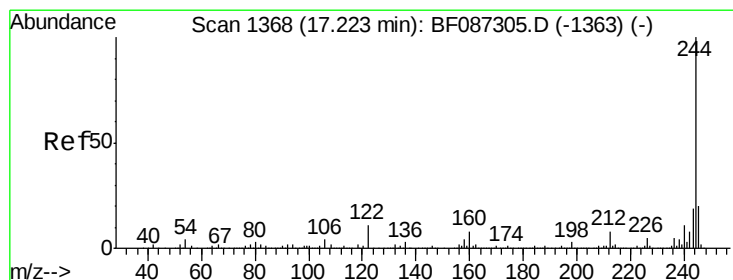
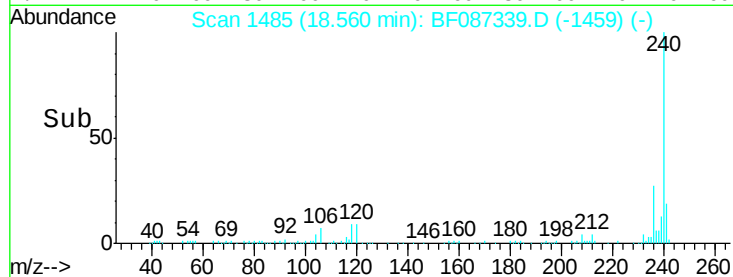
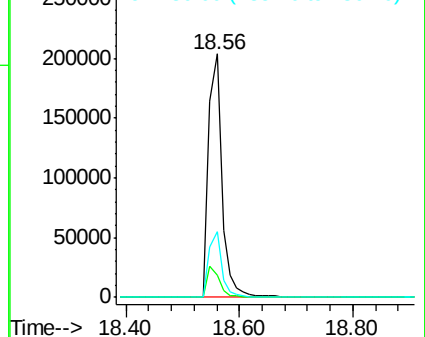
236 26.8 21.2 31.8



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: 95.81 ng

RT: 17.21 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF087339.D

Acq: 24 May 2016 13:28

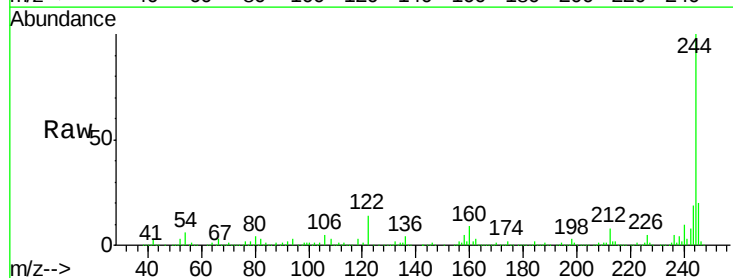
Tgt Ion:244 Resp: 1443611

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

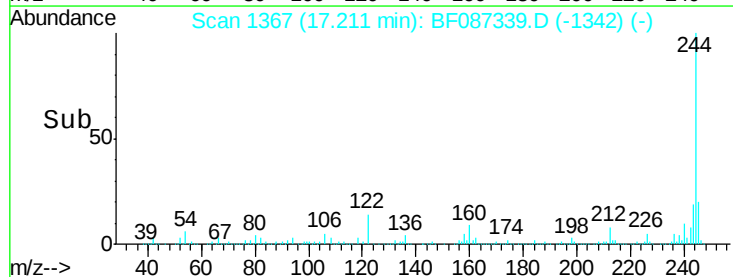
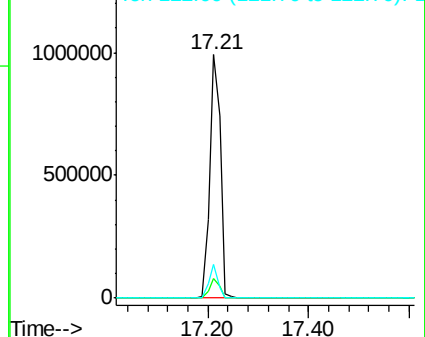
122 14.0 12.0 18.0

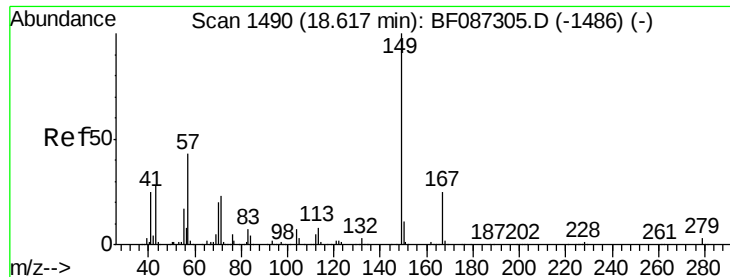


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.69 ng

RT: 18.61 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF087339.D

Acq: 24 May 2016 13:28

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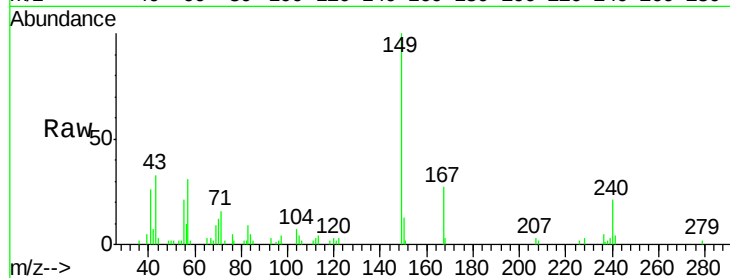
Tgt Ion:149 Resp: 40114

Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.6

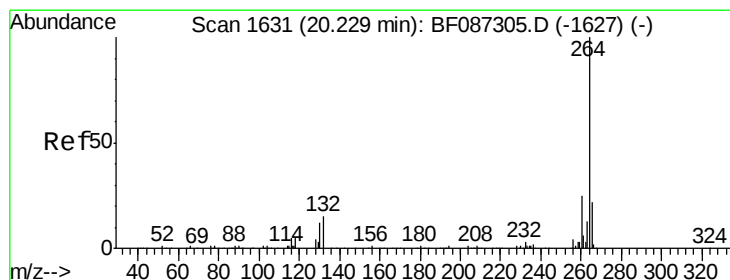
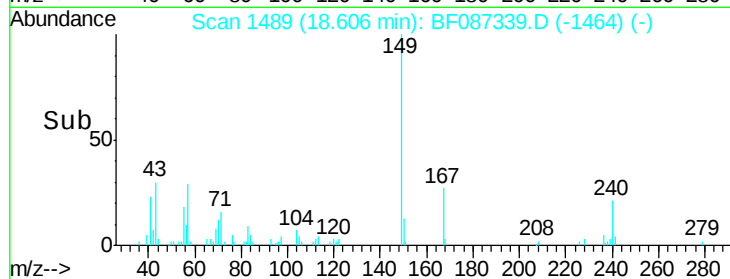
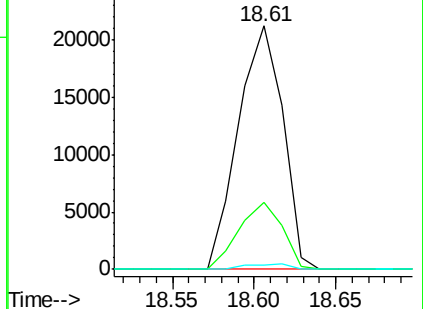
279 1.9 2.6 4.0#



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: BF087339.D

Acq: 24 May 2016 13:28

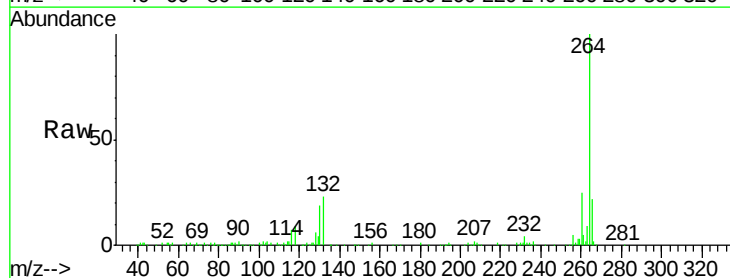
Tgt Ion:264 Resp: 251406

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 21.8 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

