

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
 Data File : BF087400.D
 Acq On : 26 May 2016 7:35
 Operator : UM/SJ
 Sample : H3220-12
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMP

Quant Time: May 26 08:49:15 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

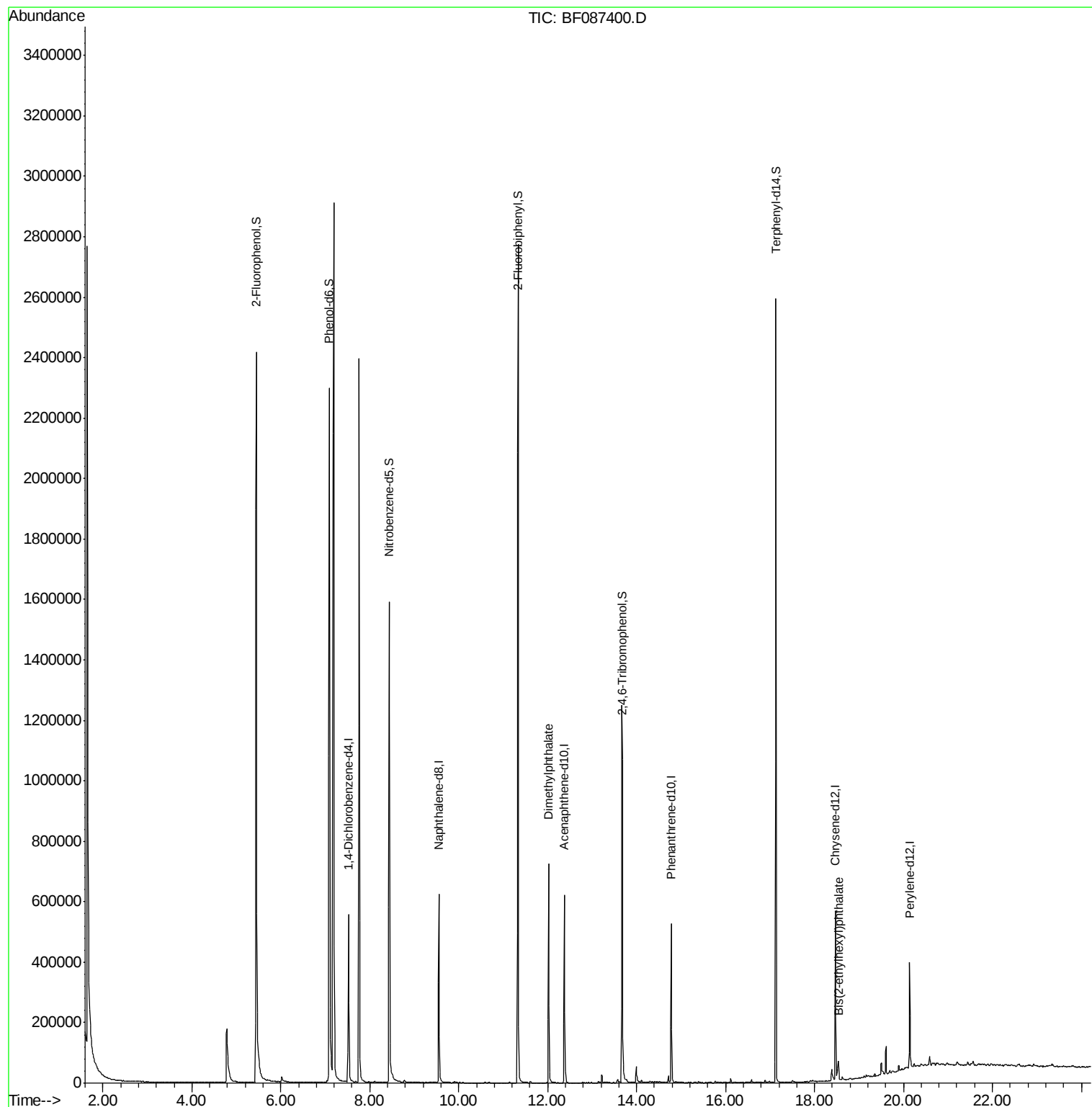
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	97563	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	382059	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	152244	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	247079	20.00	ng	0.00
75) Chrysene-d12	18.47	240	220787	20.00	ng	-0.01
86) Perylene-d12	20.14	264	151985	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	949618	171.03	ng	0.03
7) Phenol-d6	7.08	99	1267734	168.98	ng	0.01
23) Nitrobenzene-d5	8.43	82	813338	107.29	ng	-0.01
41) 2,4,6-Tribromophenol	13.68	330	202467	138.39	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1222707	113.22	ng	0.00
78) Terphenyl-d14	17.13	244	867428	83.53	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.02	163	356744	29.25	ng	99
83) Bis(2-ethylhexyl)phthalate	18.54	149	29247	2.84	ng	# 97

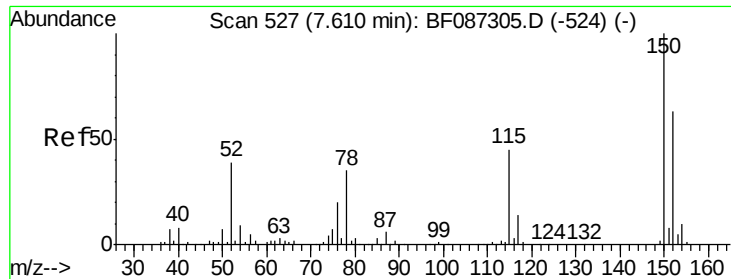
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF087400.D

Acq: 26 May 2016 7:35

Instrument :

BNA_F

ClientSampleId :

SB-27-COMP

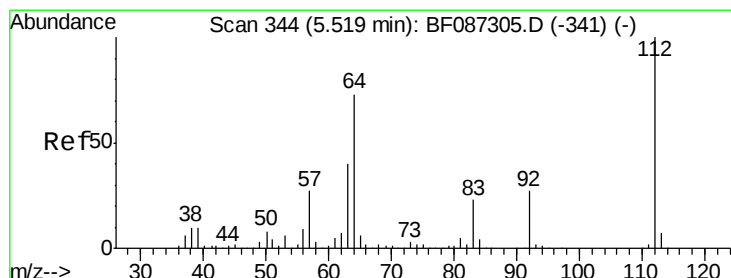
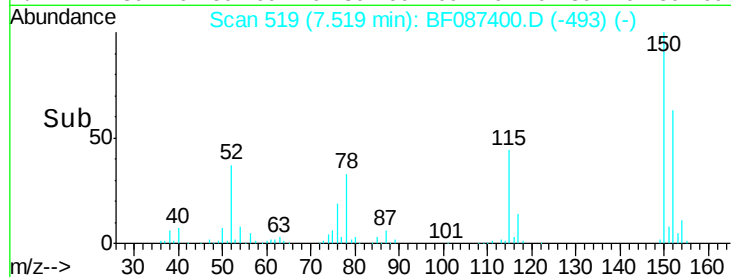
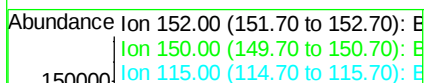
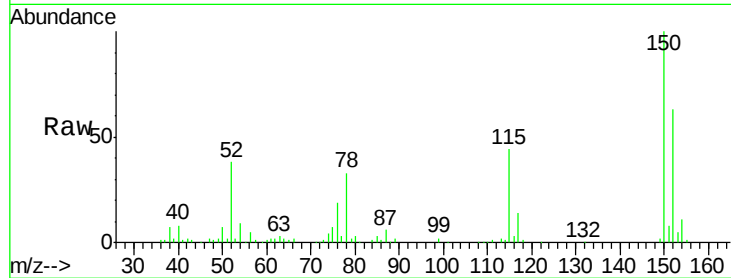
Tot Ion:152 Resp: 97563

Ion Ratio Lower Upper

152 100

150 158.4 125.8 188.6

115 69.8 51.5 77.3



#5

2-Fluorophenol

Concen: 171.03 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.03 min

Lab File: BF087400.D

Acq: 26 May 2016 7:35

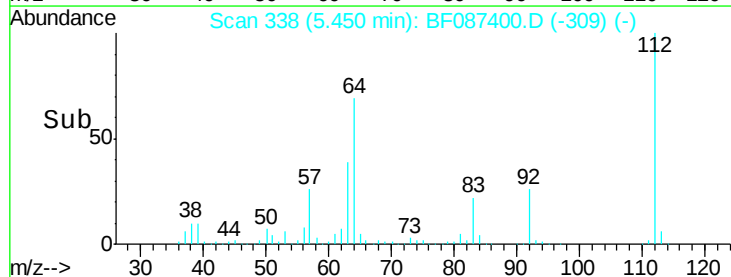
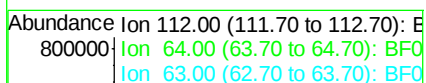
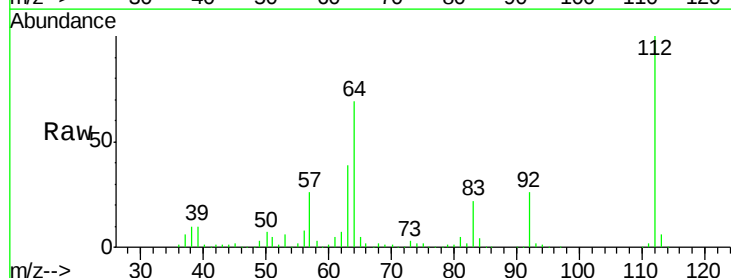
Tgt Ion:112 Resp: 949618

Ion Ratio Lower Upper

112 100

64 69.5 52.1 78.1

63 38.7 25.7 38.5





#7

Phenol-d6

Concen: 168.98 ng

RT: 7.08 min Scan# 481

Delta R.T. 0.01 min

Lab File: BF087400.D

Acq: 26 May 2016 7:35

Instrument :

BNA_F

ClientSampleId :

SB-27-COMP

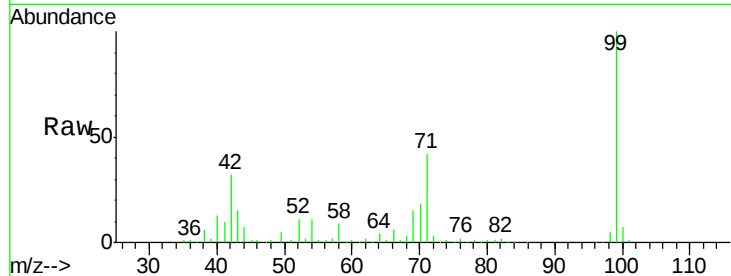
Tot Ion: 99 Resp: 1267734

Ion Ratio Lower Upper

99 100

42 32.1 13.6 20.4#

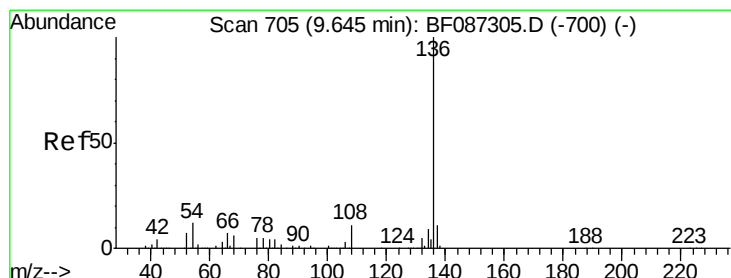
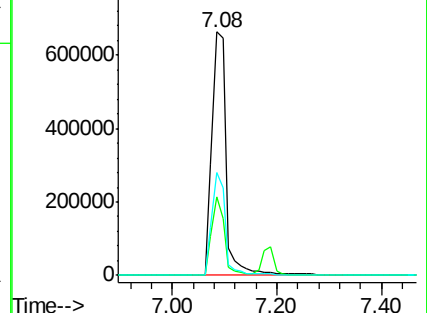
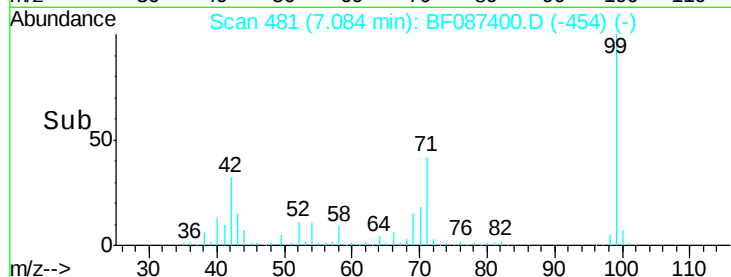
71 42.2 24.6 36.8#



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: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087400.D

Acq: 26 May 2016 7:35

Tgt Ion: 136 Resp: 382059

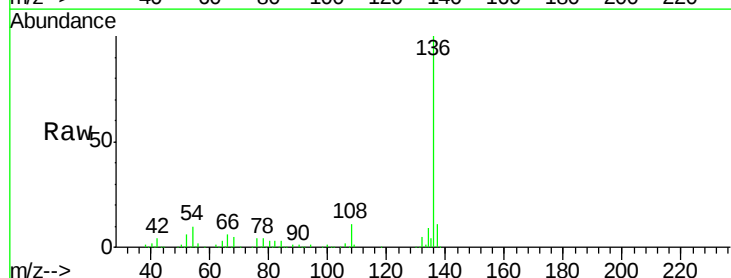
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 10.1 5.0 7.4#

68 5.3 4.4 6.6

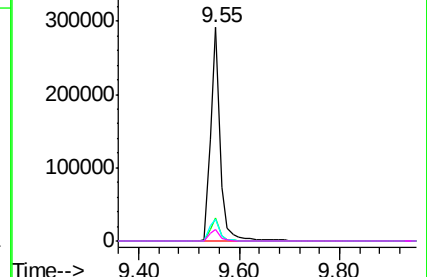
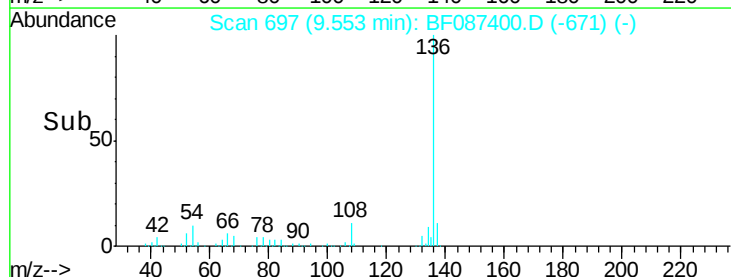


Abundance Ion 136.00 (135.70 to 136.70): E

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

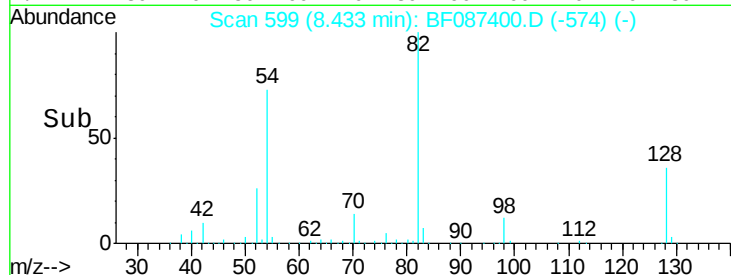
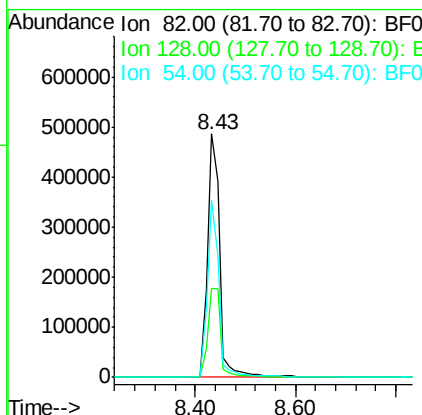
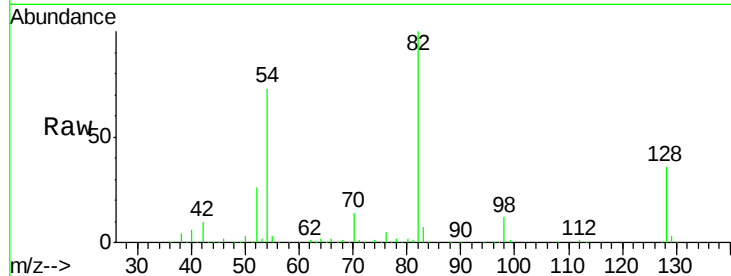




#23
 Nitrobenzene-d5
 Concen: 107.29 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF087400.D
 Acq: 26 May 2016 7:35

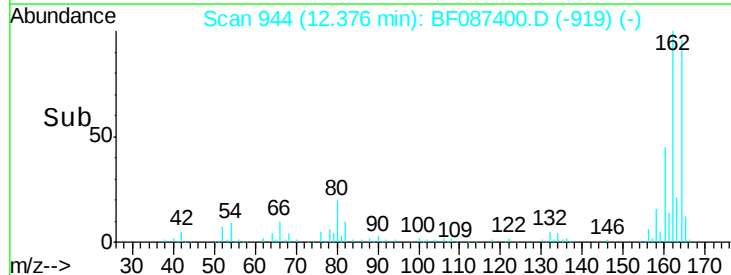
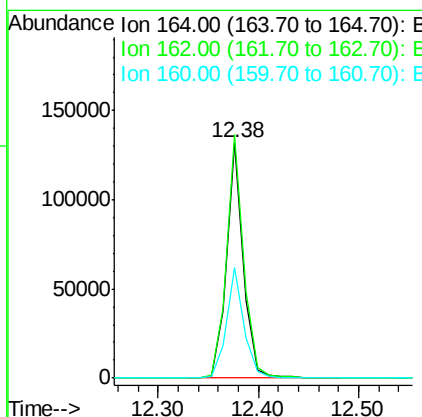
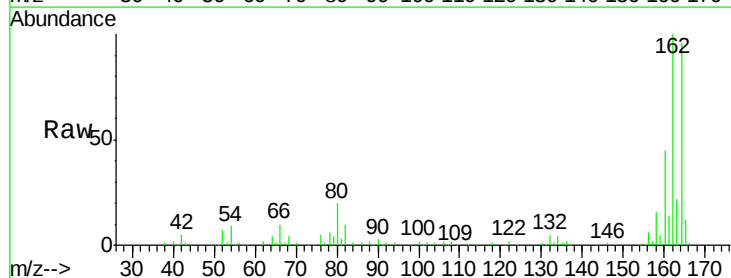
Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMP

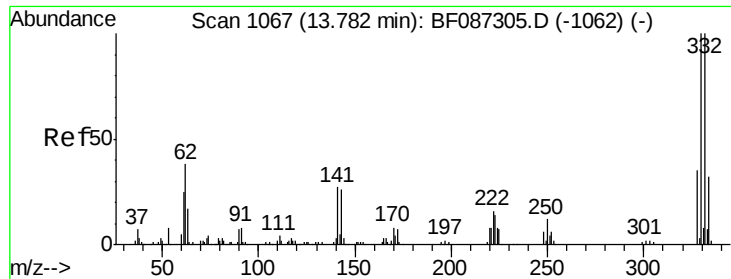
Tot Ion: 82 Resp: 813338
 Ion Ratio Lower Upper
 82 100
 128 36.4 40.6 61.0#
 54 72.7 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.38 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF087400.D
 Acq: 26 May 2016 7:35

Tgt Ion:164 Resp: 152244
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.8 124.2
 160 47.1 36.9 55.3

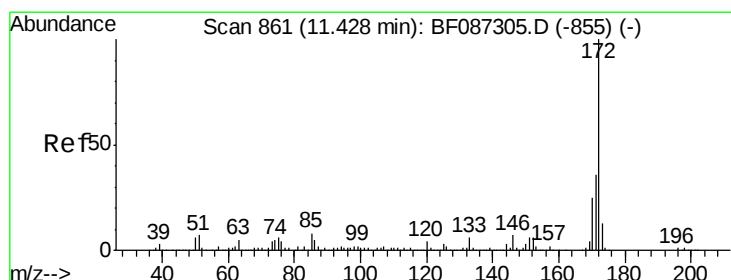
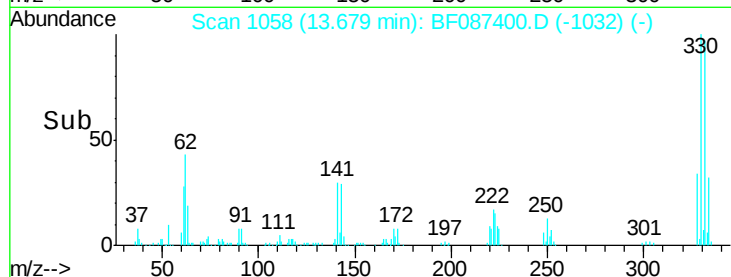
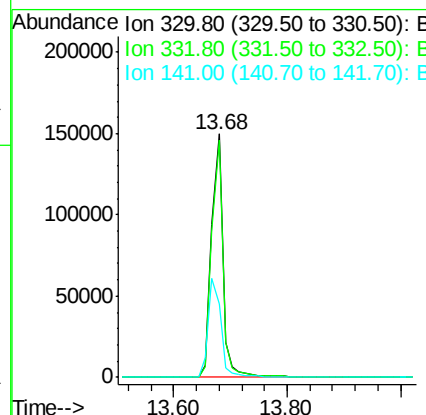
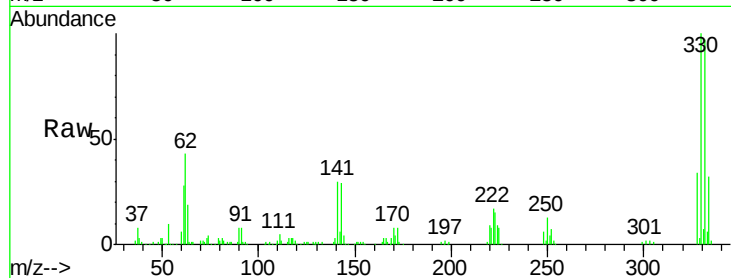




#41
 2,4,6-Tribromophenol
 Concen: 138.39 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF087400.D
 Acq: 26 May 2016 7:35

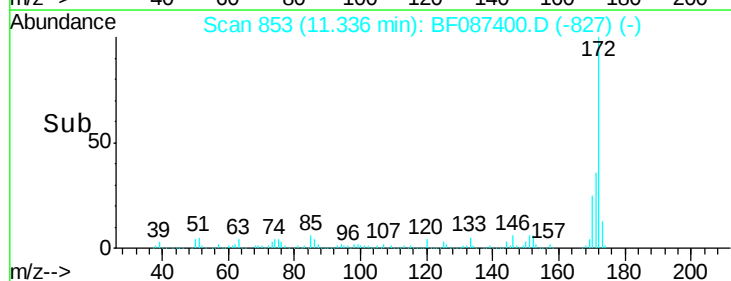
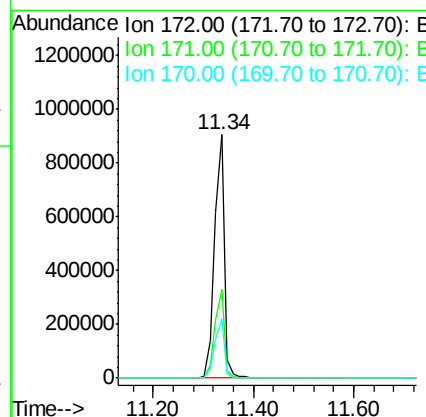
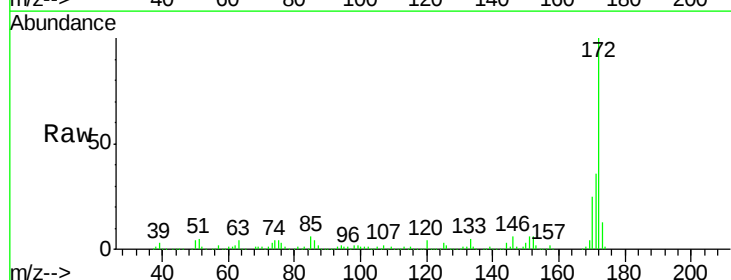
Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMP

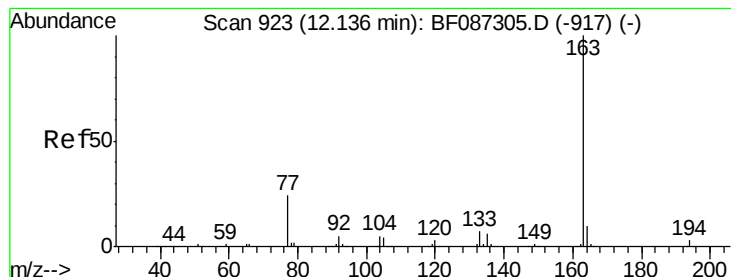
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.0	118.4
141	44.9	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 113.22 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF087400.D
 Acq: 26 May 2016 7:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.6	19.8	29.8





#49

Dimethylphthalate

Concen: 29.25 ng

RT: 12.02 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF087400.D

Acq: 26 May 2016 7:35

Instrument :

BNA_F

ClientSampleId :

SB-27-COMP

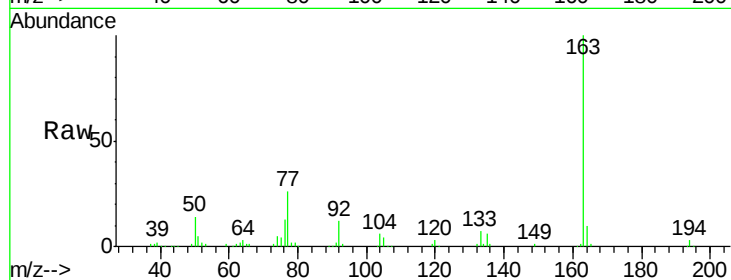
Tot Ion:163 Resp: 356744

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

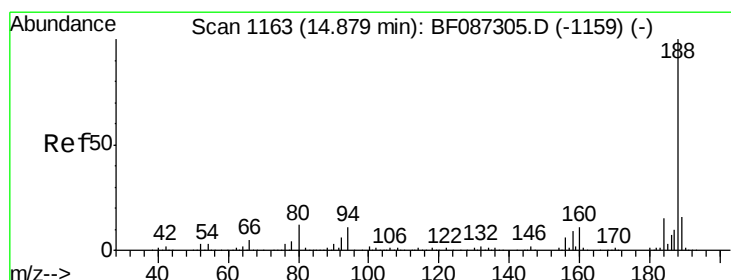
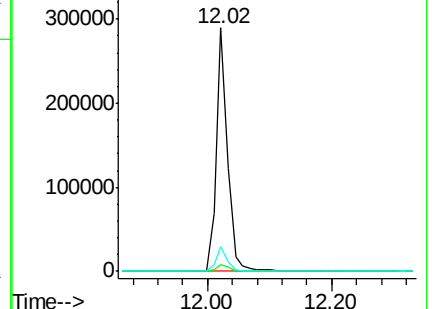
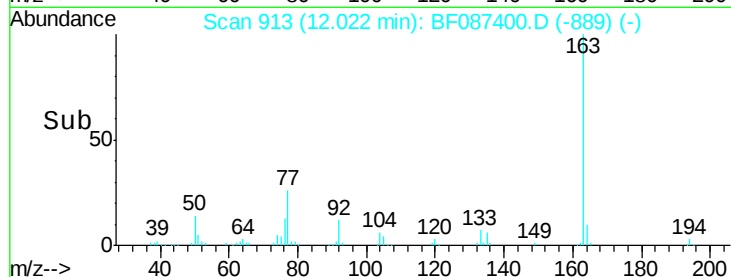
164 10.1 8.2 12.4



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: 14.78 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF087400.D

Acq: 26 May 2016 7:35

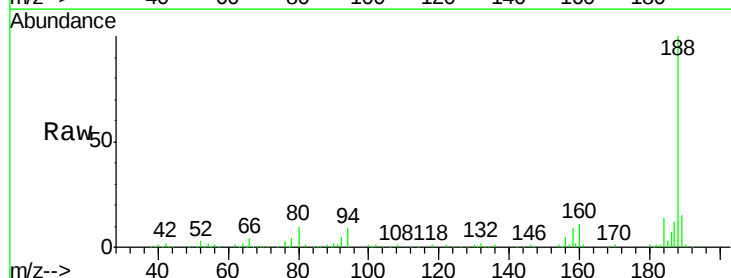
Tgt Ion:188 Resp: 247079

Ion Ratio Lower Upper

188 100

94 9.3 6.8 10.2

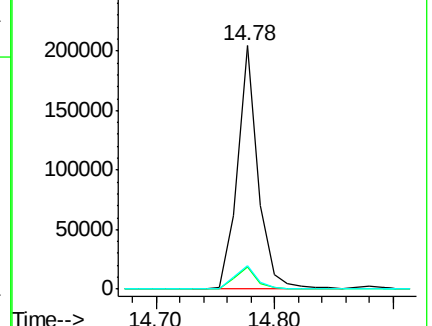
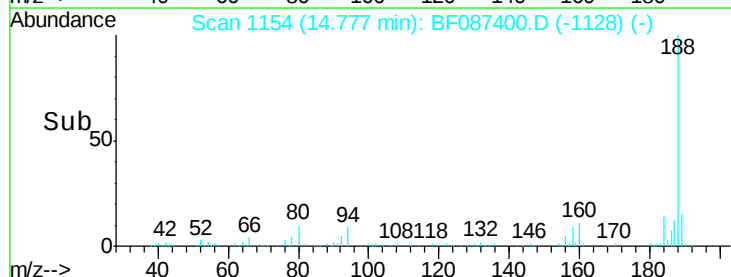
80 9.6 7.1 10.7

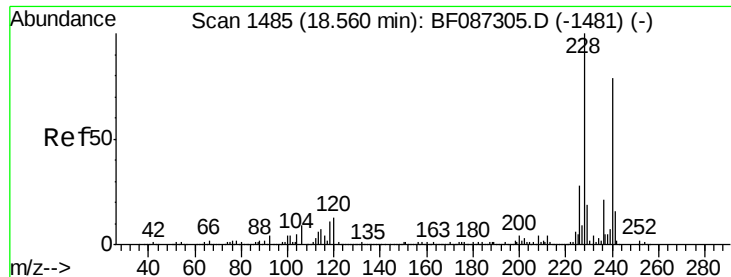


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.47 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF087400.D

Acq: 26 May 2016 7:35

Instrument :

BNA_F

ClientSampleId :

SB-27-COMP

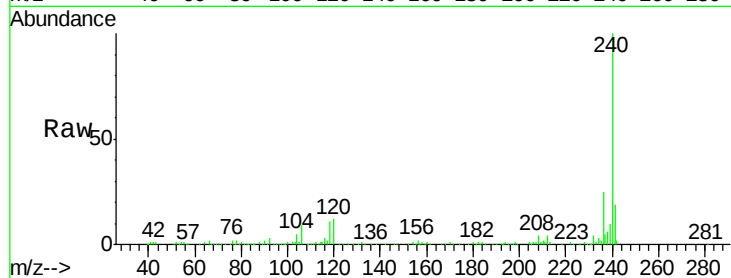
Tot Ion:240 Resp: 220787

Ion Ratio Lower Upper

240 100

120 12.3 11.2 16.8

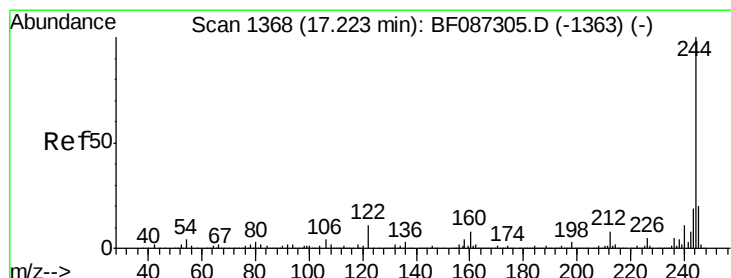
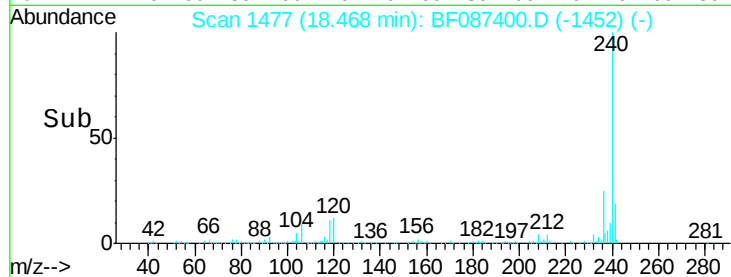
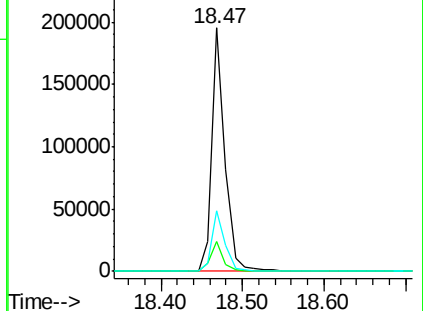
236 25.0 21.2 31.8



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: 83.53 ng

RT: 17.13 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF087400.D

Acq: 26 May 2016 7:35

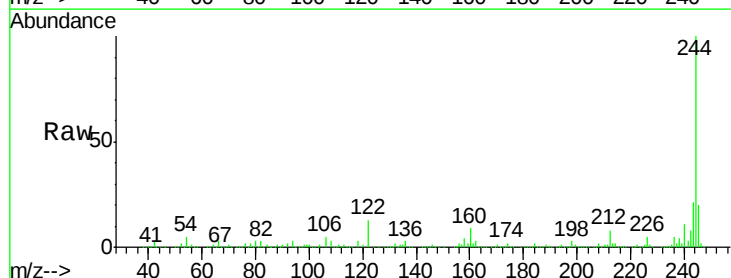
Tgt Ion:244 Resp: 867428

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

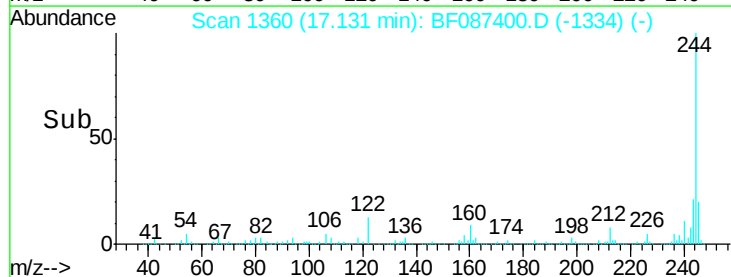
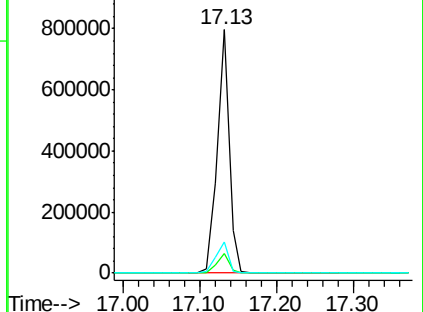
122 12.6 12.0 18.0

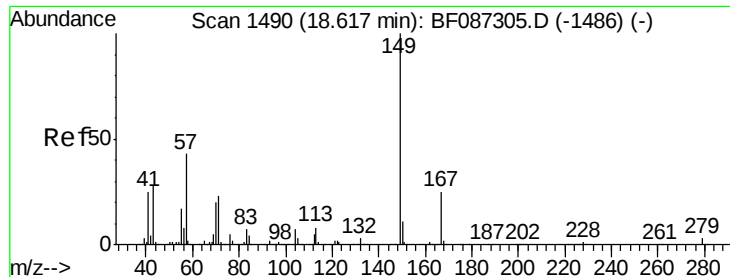


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.84 ng

RT: 18.54 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BF087400.D

Acq: 26 May 2016 7:35

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SB-27-COMP

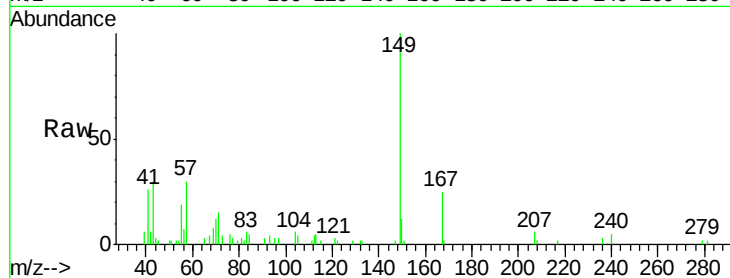
Tot Ion:149 Resp: 29247

Ion Ratio Lower Upper

149 100

167 25.4 21.8 32.6

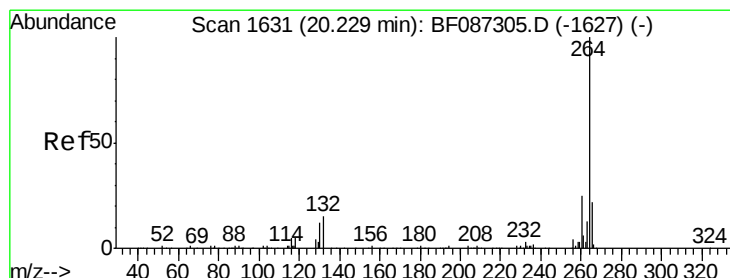
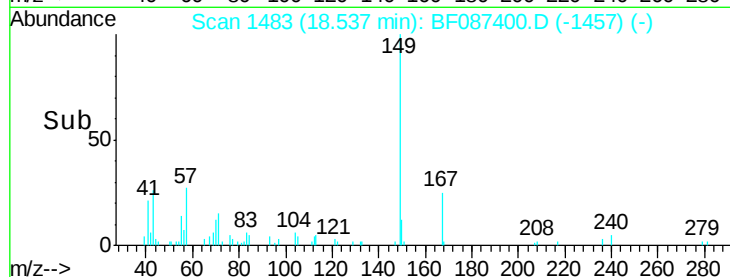
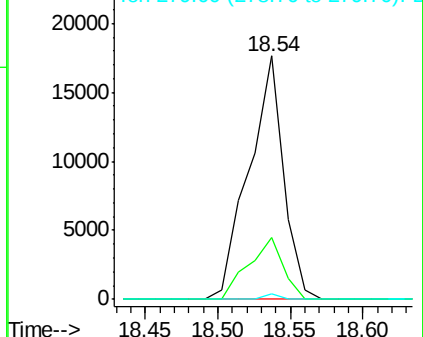
279 2.1 2.6 4.0#



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: 20.14 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BF087400.D

Acq: 26 May 2016 7:35

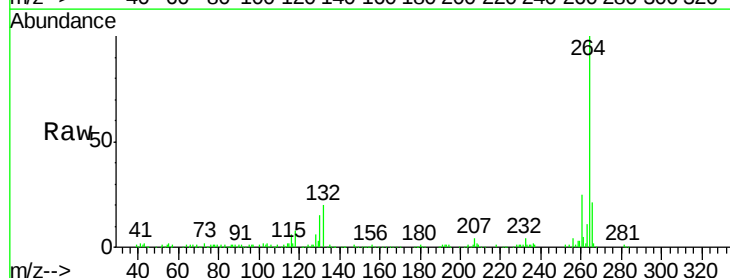
Tgt Ion:264 Resp: 151985

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.4 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

