

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087581.D
 Acq On : 31 May 2016 9:02
 Operator : UM/SJ
 Sample : H3323-08
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Quant Time: May 31 14:30:00 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

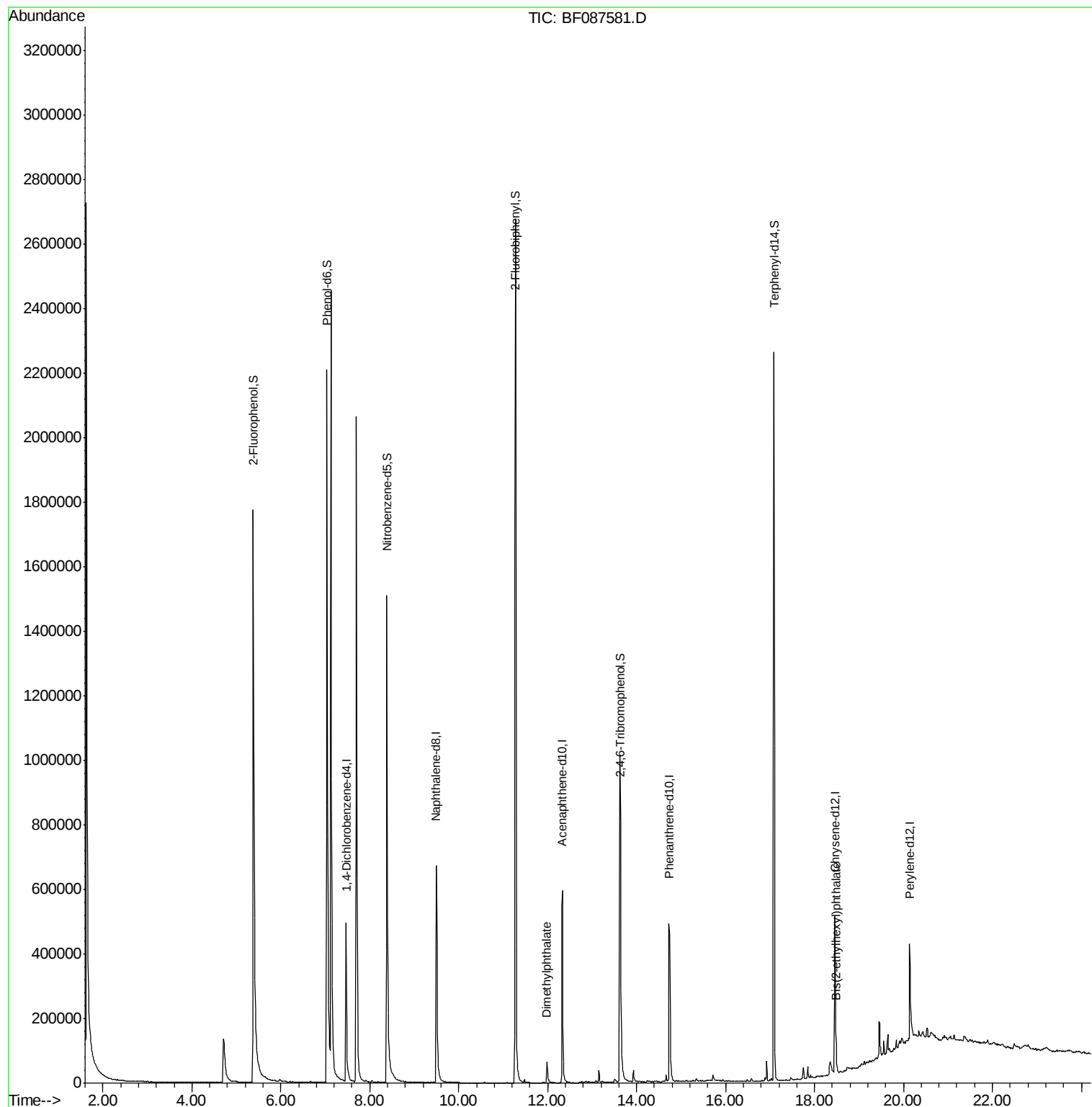
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	125238	20.00	ng	-0.05
21) Naphthalene-d8	9.50	136	482784	20.00	ng	-0.06
38) Acenaphthene-d10	12.33	164	202258	20.00	ng	-0.06
63) Phenanthrene-d10	14.73	188	340943	20.00	ng	-0.05
75) Chrysene-d12	18.46	240	261661	20.00	ng	-0.02
86) Perylene-d12	20.14	264	194338	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	796926	111.81	ng	-0.03
7) Phenol-d6	7.04	99	1054580	109.50	ng	-0.03
23) Nitrobenzene-d5	8.39	82	709336	74.05	ng	-0.06
41) 2,4,6-Tribromophenol	13.63	330	183285	94.30	ng	-0.05
44) 2-Fluorobiphenyl	11.28	172	1135873	79.17	ng	-0.06
78) Terphenyl-d14	17.09	244	833049	67.69	ng	-0.05
Target Compounds						
49) Dimethylphthalate	11.98	163	57123	3.53	ng	99
83) Bis(2-ethylhexyl)phthalate	18.49	149	28549	2.34	ng	95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF087581.D

Acq: 31 May 2016 9:02

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

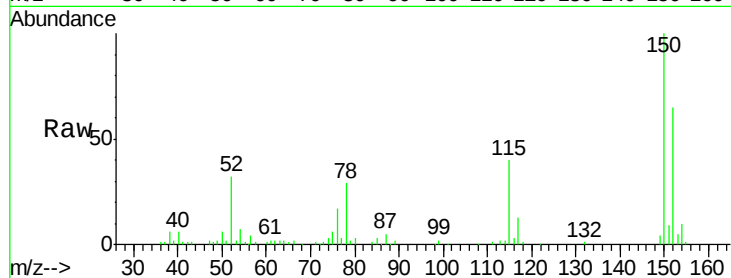
Tot Ion:152 Resp: 125238

Ion Ratio Lower Upper

152 100

150 153.9 125.8 188.6

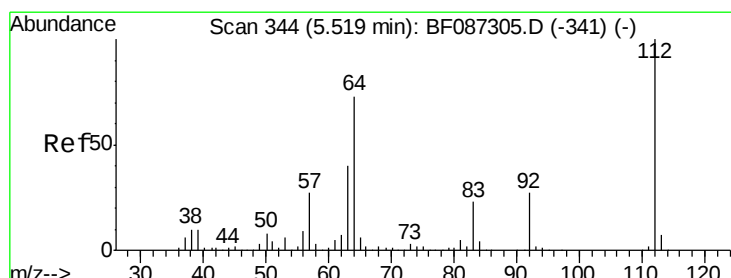
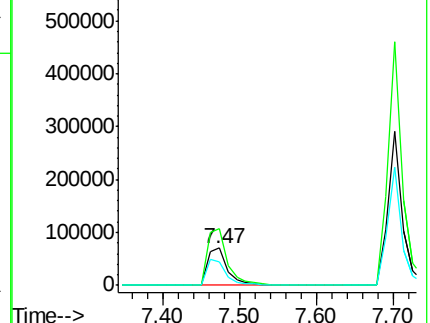
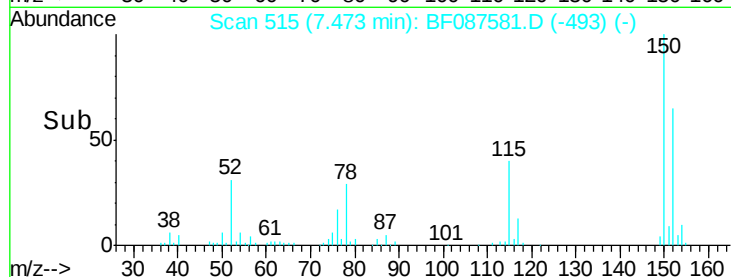
115 62.1 51.5 77.3



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: 111.81 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.03 min

Lab File: BF087581.D

Acq: 31 May 2016 9:02

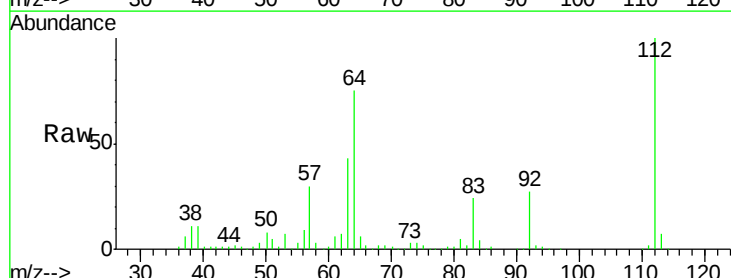
Tgt Ion:112 Resp: 796926

Ion Ratio Lower Upper

112 100

64 75.4 52.1 78.1

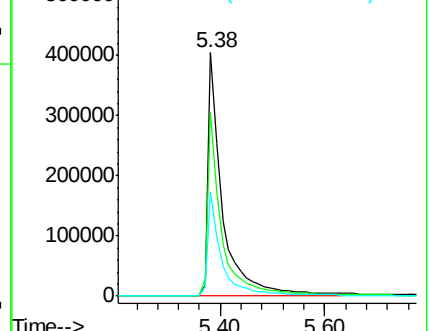
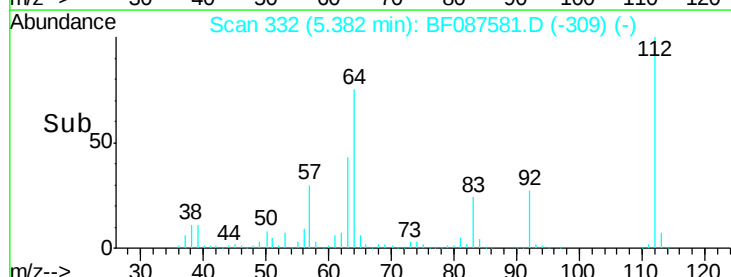
63 42.9 25.7 38.5#



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: 109.50 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF087581.D

Acq: 31 May 2016 9:02

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

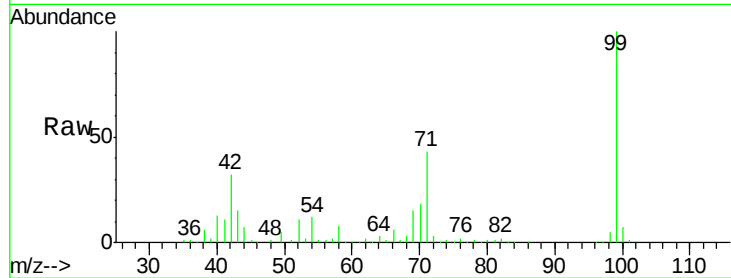
Tot Ion: 99 Resp: 1054580

Ion Ratio Lower Upper

99 100

42 31.6 13.6 20.4#

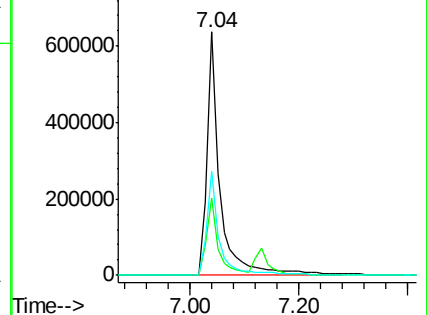
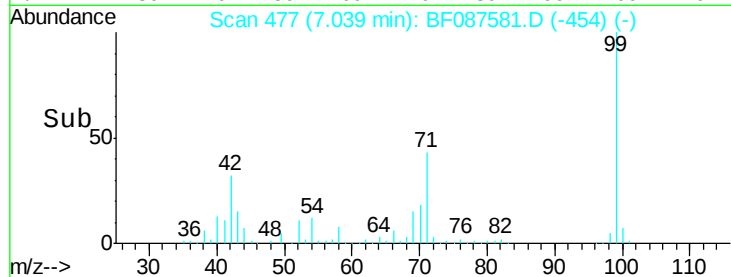
71 42.9 24.6 36.8#



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: 9.50 min Scan# 692

Delta R.T. -0.06 min

Lab File: BF087581.D

Acq: 31 May 2016 9:02

Tgt Ion: 136 Resp: 482784

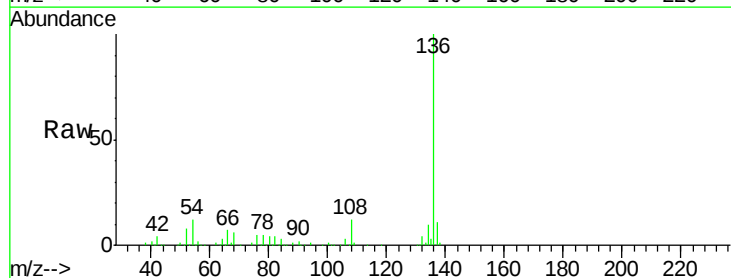
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 12.4 5.0 7.4#

68 5.8 4.4 6.6

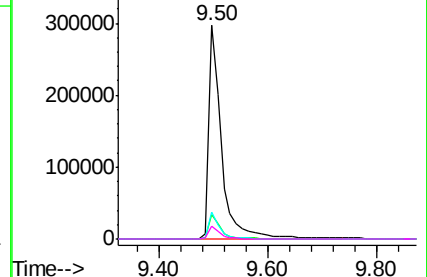
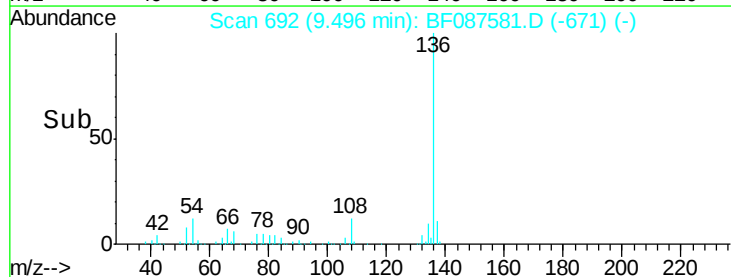


Abundance Ion 136.00 (135.70 to 136.70): E

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

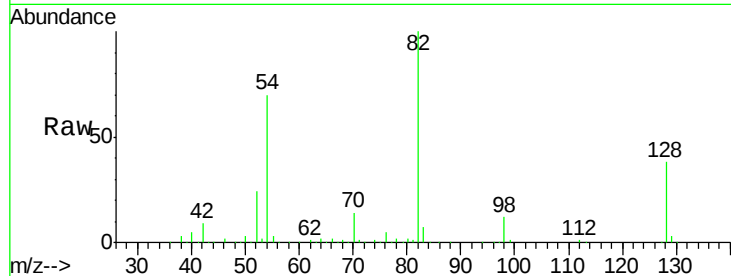




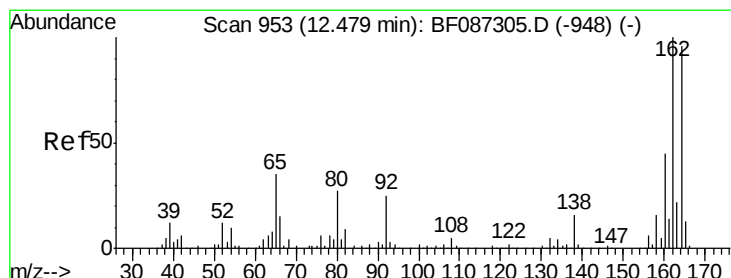
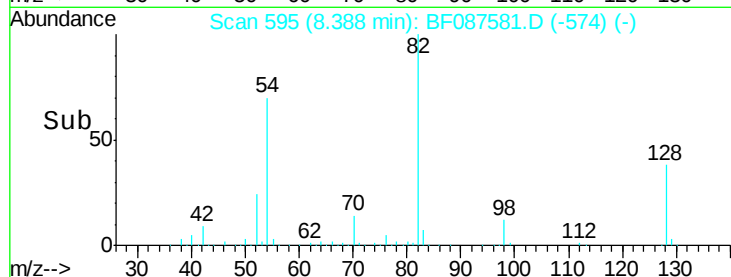
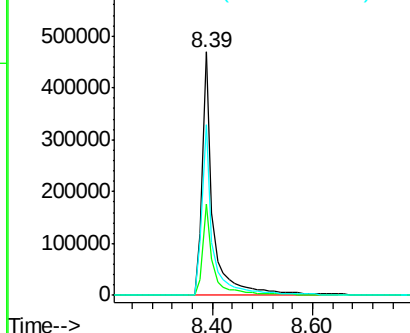
#23
Nitrobenzene-d5
Concen: 74.05 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.06 min
Lab File: BF087581.D
Acq: 31 May 2016 9:02

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tot Ion: 82 Resp: 709336
Ion Ratio Lower Upper
82 100
128 37.7 40.6 61.0#
54 70.2 38.1 57.1#

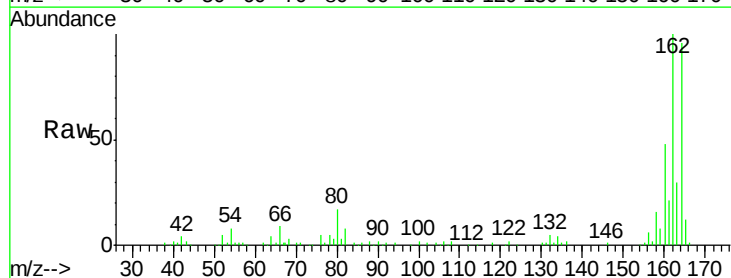


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

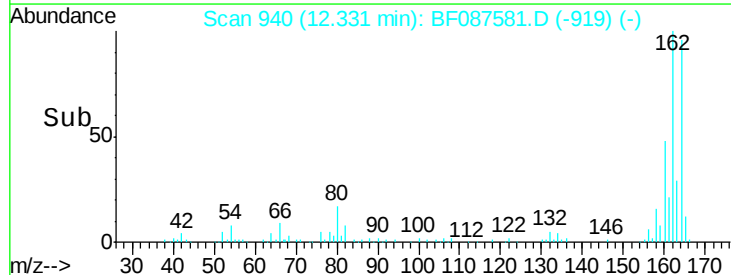
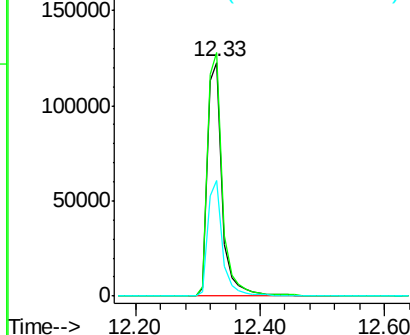


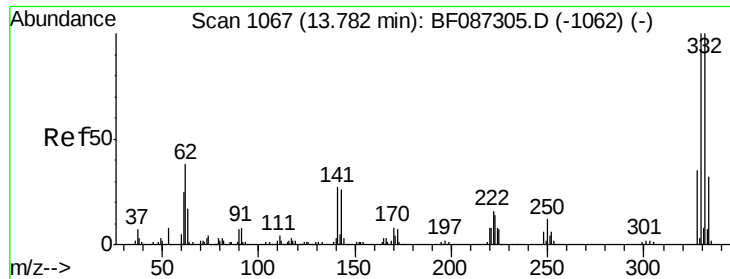
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.06 min
Lab File: BF087581.D
Acq: 31 May 2016 9:02

Tgt Ion: 164 Resp: 202258
Ion Ratio Lower Upper
164 100
162 104.2 82.8 124.2
160 49.7 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

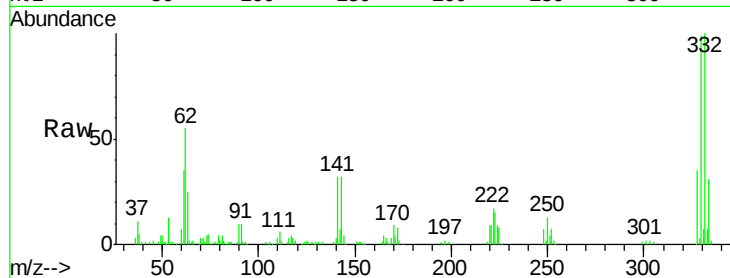




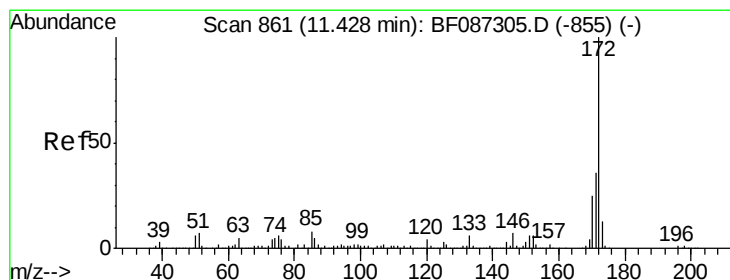
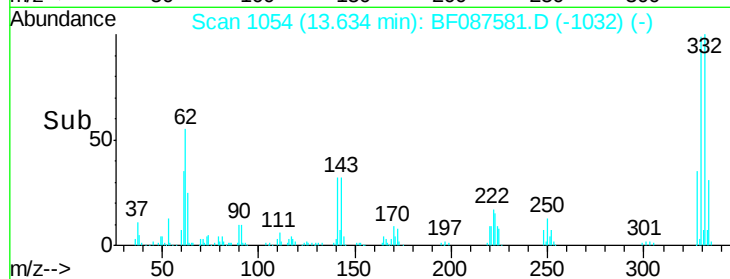
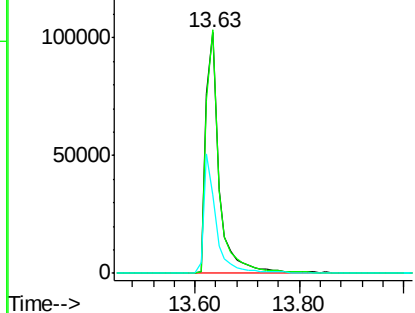
#41
 2,4,6-Tribromophenol
 Concen: 94.30 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.05 min
 Lab File: BF087581.D
 Acq: 31 May 2016 9:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	79.0	118.4
141	45.2	31.2	46.8

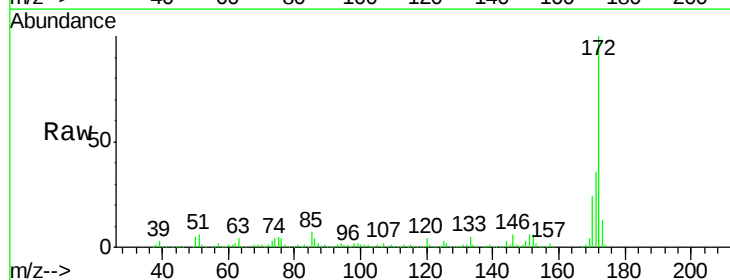


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

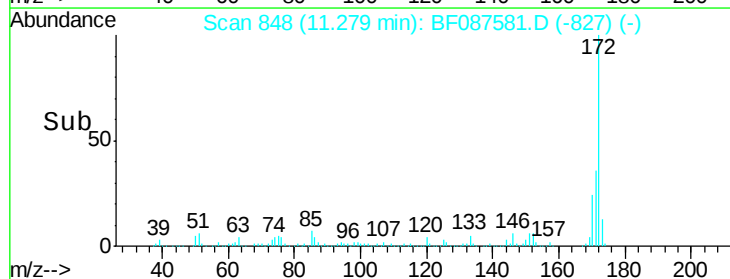
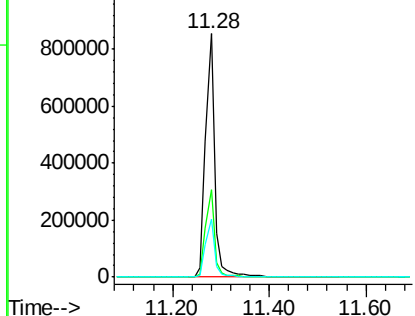


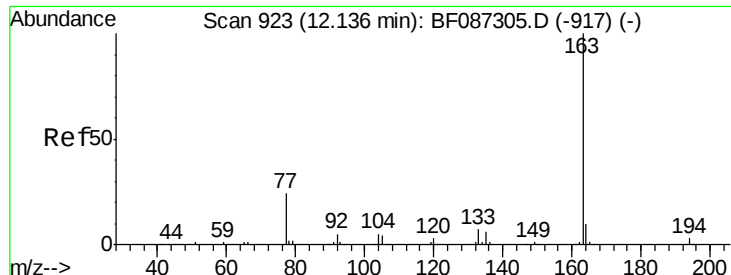
#44
 2-Fluorobiphenyl
 Concen: 79.17 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.06 min
 Lab File: BF087581.D
 Acq: 31 May 2016 9:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.1	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: 3.53 ng

RT: 11.98 min Scan# 909

Delta R.T. -0.07 min

Lab File: BF087581.D

Acq: 31 May 2016 9:02

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

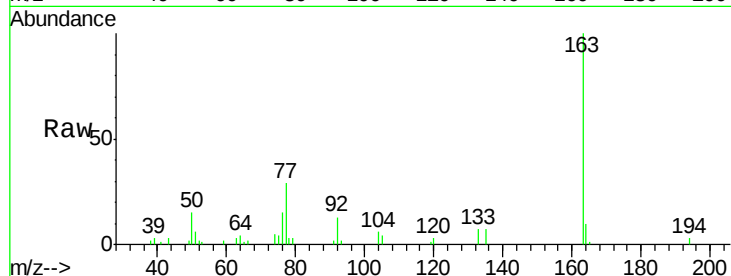
Tot Ion:163 Resp: 57123

Ion Ratio Lower Upper

163 100

194 2.7 2.6 4.0

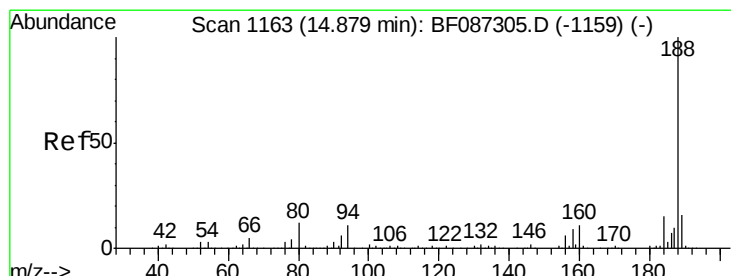
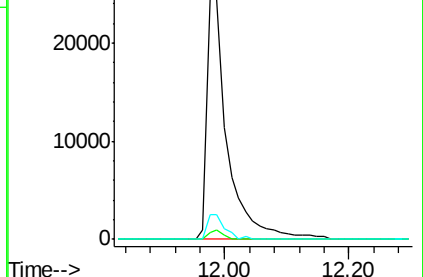
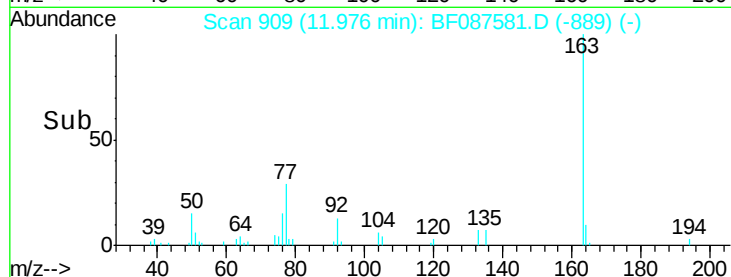
164 10.1 8.2 12.4



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: 14.73 min Scan# 1150

Delta R.T. -0.05 min

Lab File: BF087581.D

Acq: 31 May 2016 9:02

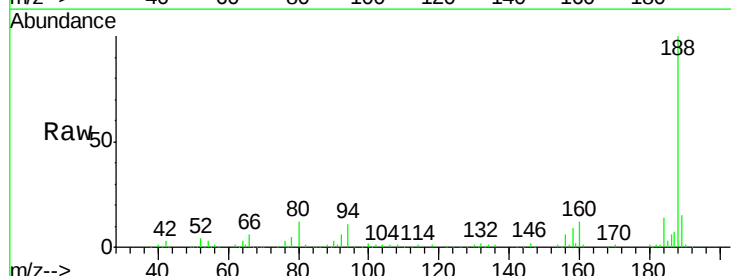
Tgt Ion:188 Resp: 340943

Ion Ratio Lower Upper

188 100

94 10.9 6.8 10.2#

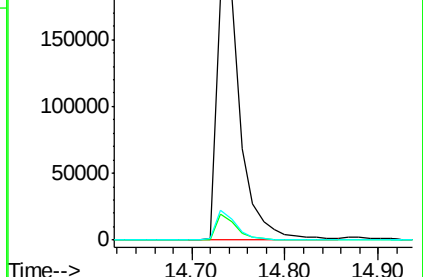
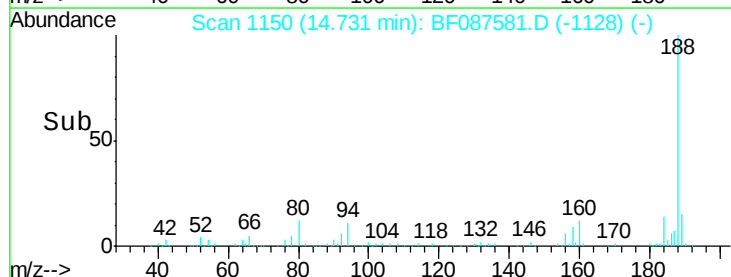
80 12.4 7.1 10.7#

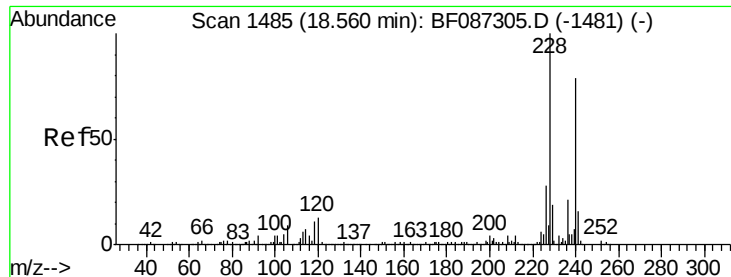


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.46 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BF087581.D

Acq: 31 May 2016 9:02

Instrument :

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ClientSampleId :

SB-05-COMP

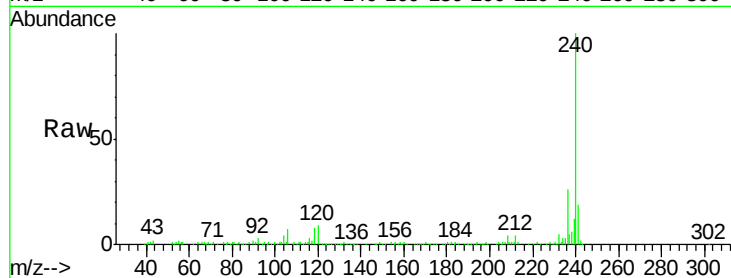
Tot Ion:240 Resp: 261661

Ion Ratio Lower Upper

240 100

120 9.2 11.2 16.8#

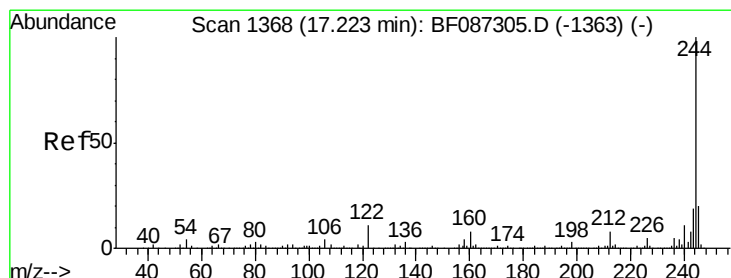
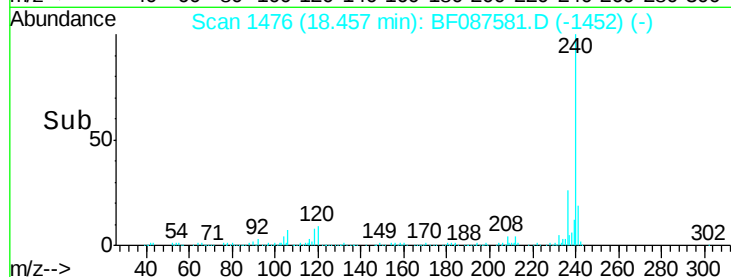
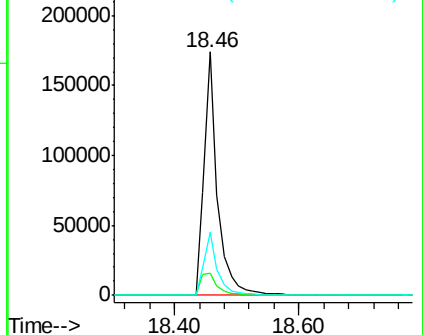
236 25.8 21.2 31.8



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: 67.69 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.05 min

Lab File: BF087581.D

Acq: 31 May 2016 9:02

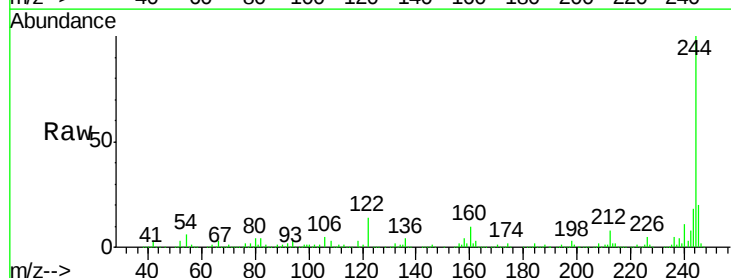
Tgt Ion:244 Resp: 833049

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

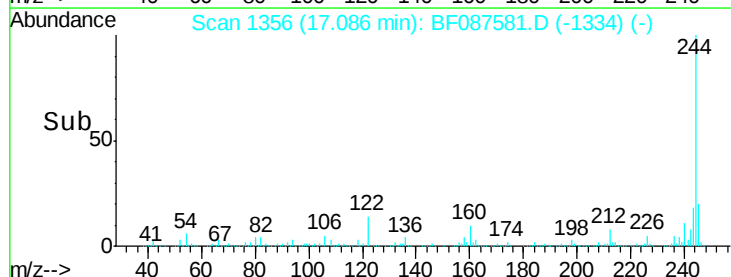
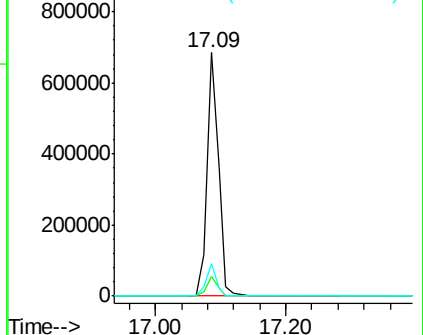
122 13.5 12.0 18.0

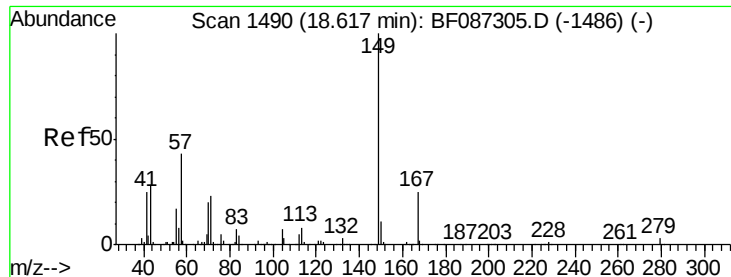


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.34 ng

RT: 18.49 min Scan# 1479

Delta R.T. -0.05 min

Lab File: BF087581.D

Acq: 31 May 2016 9:02

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

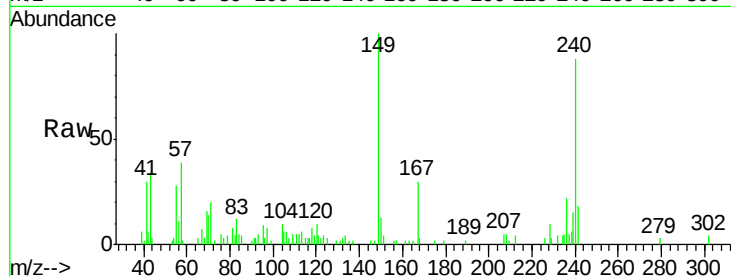
Tot Ion:149 Resp: 28549

Ion Ratio Lower Upper

149 100

167 30.0 21.8 32.6

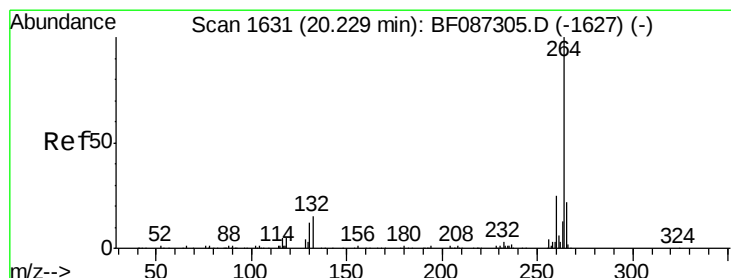
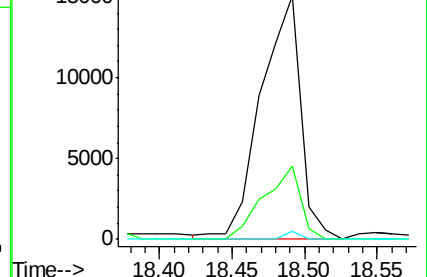
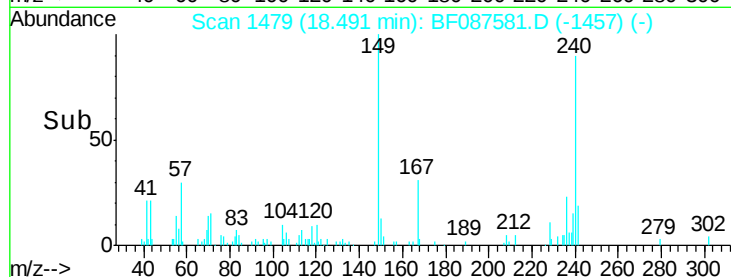
279 3.4 2.6 4.0



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: BF087581.D

Acq: 31 May 2016 9:02

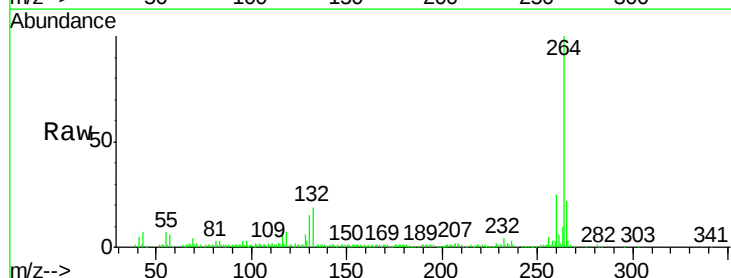
Tgt Ion:264 Resp: 194338

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 22.4 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

