

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 08:36:28 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

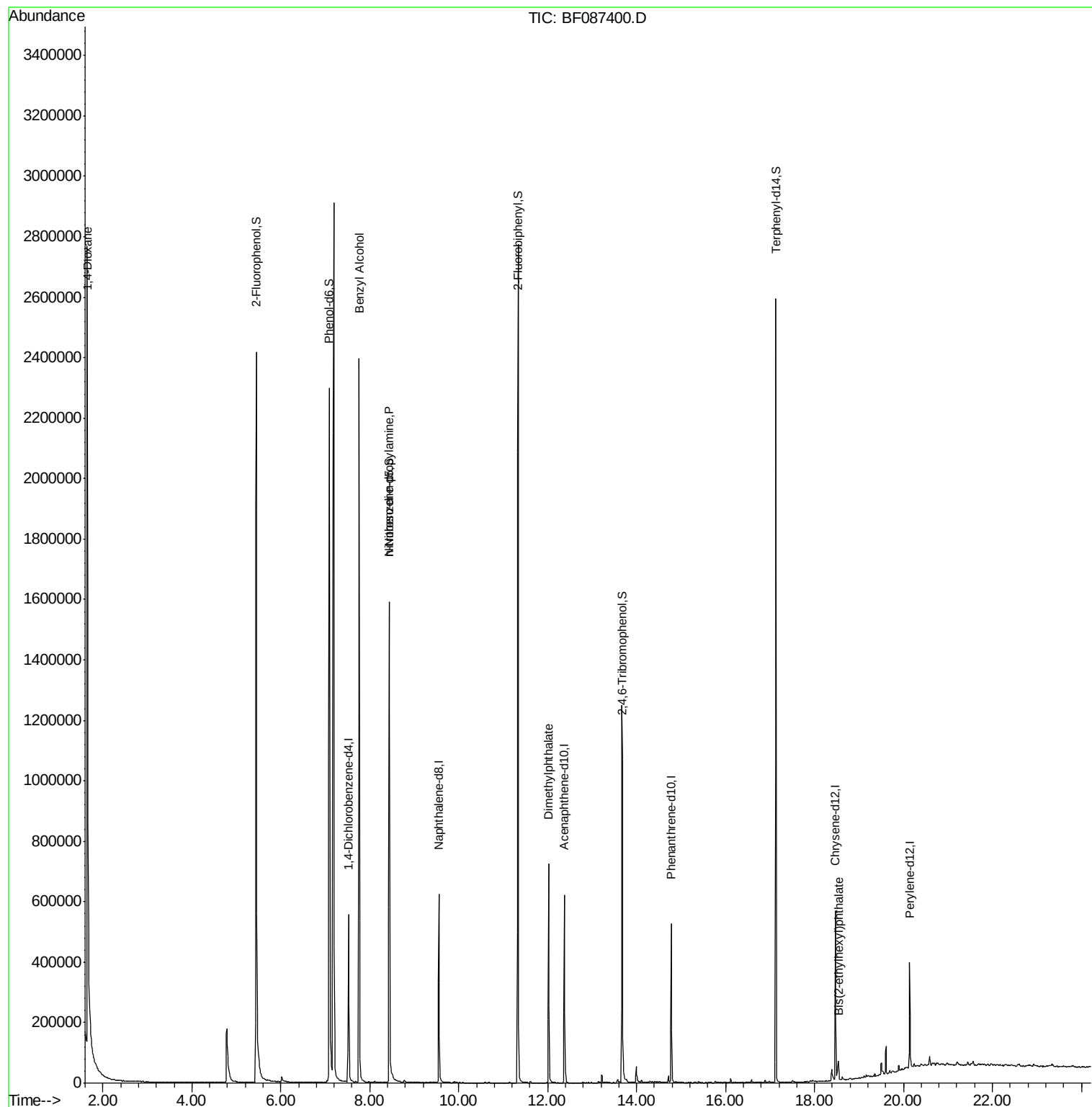
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	97563	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	382059	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	152244	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	247079	20.00	ng	0.00
75) Chrysene-d12	18.47	240	220787	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						
2) 1,4-Dioxane	1.64	88	91346	31.18	ng	# 22
15) Benzyl Alcohol	7.76	79	14888	2.72	ng	# 41
19) n-Nitroso-di-n-propylamine	8.43	70	110901	19.82	ng	# 71
49) Dimethylphthalate	12.02	163	356744	29.25	ng	99
83) Bis(2-ethylhexyl)phthalate	18.54	149	29247	2.84	ng	# 97

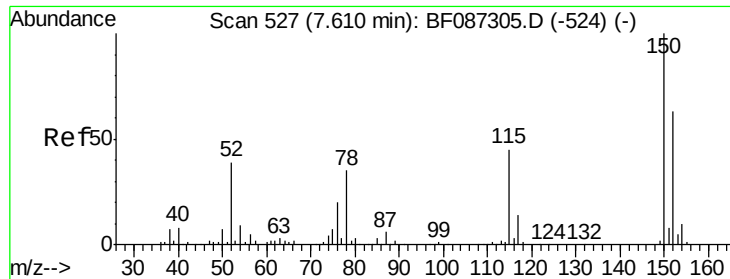
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

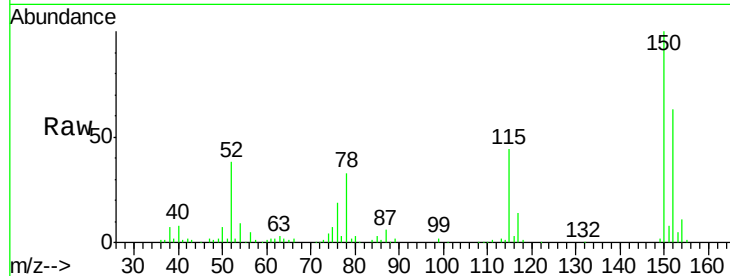
Tgt Ion: 152 Resp: 97563

Ion Ratio Lower Upper

152 100

150 158.4 125.8 188.6

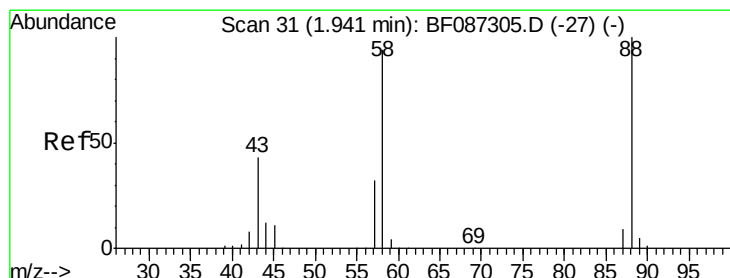
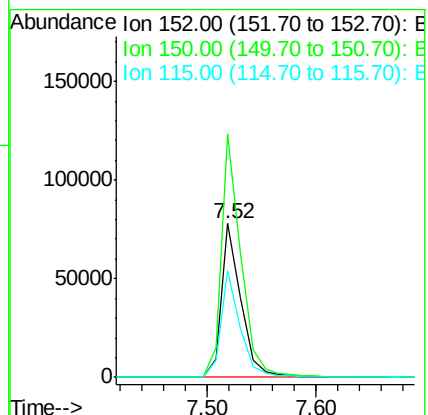
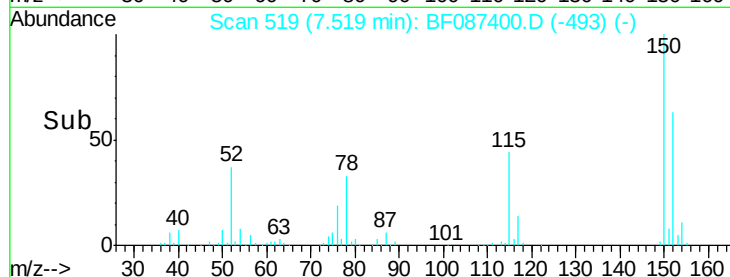
115 69.8 51.5 77.3



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



#2

1,4-Dioxane

Concen: 31.18 ng

RT: 1.64 min Scan# 5

Delta R.T. -0.17 min

Lab File: BF087400.D

Acq: 26 May 2016 7:35

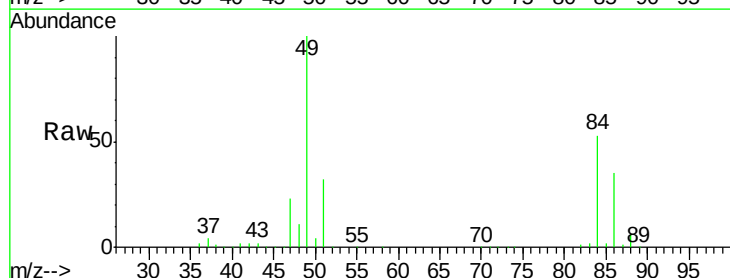
Tgt Ion: 88 Resp: 91346

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

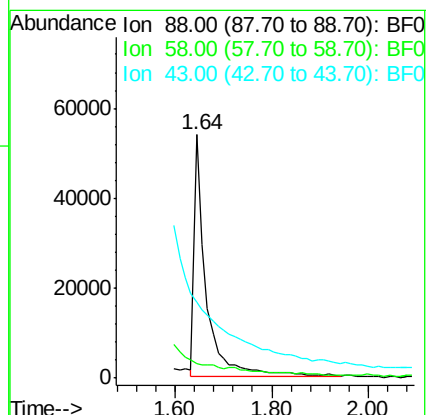
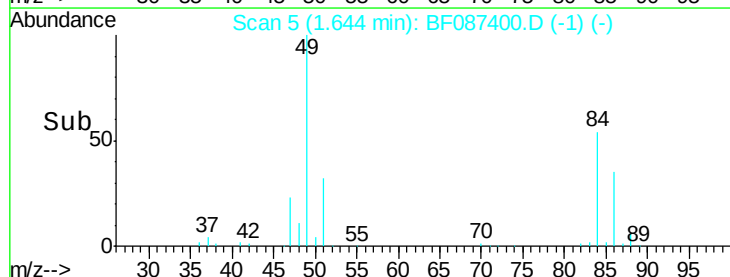
43 0.0 21.8 32.6#

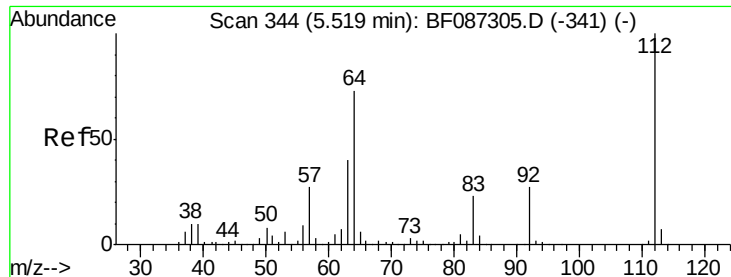


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#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

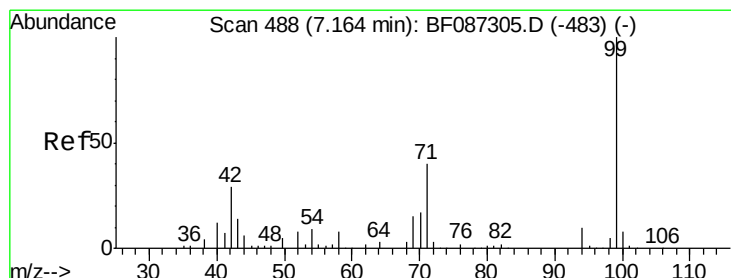
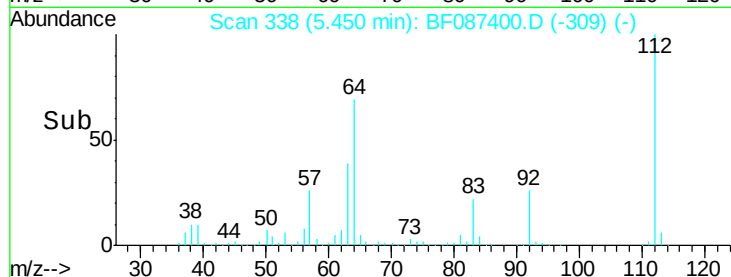
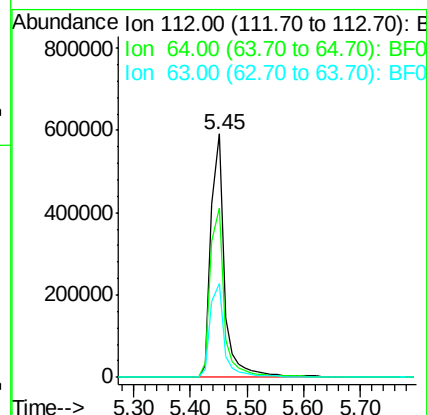
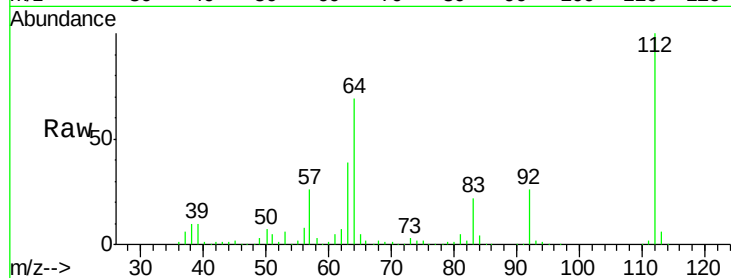
Instrument :

BNA_F

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SB-27-COMP

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

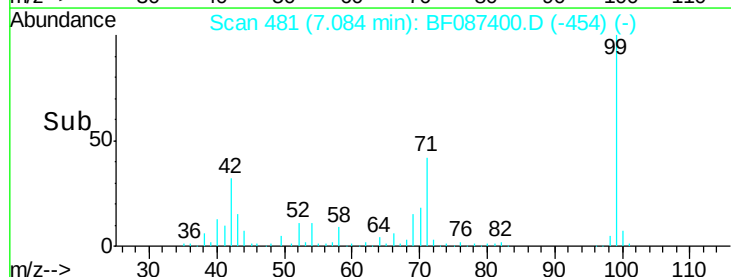
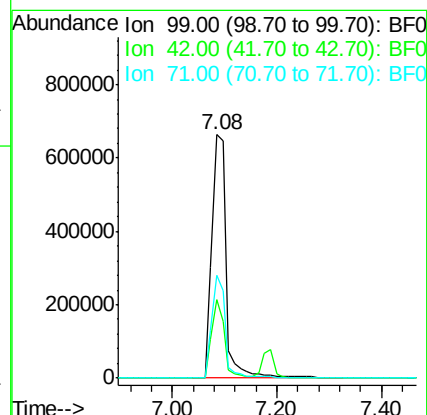
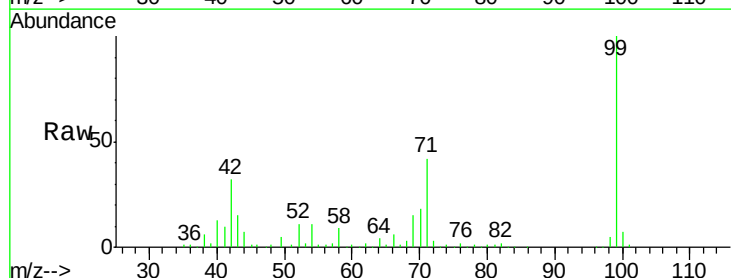
RT: 7.08 min Scan# 481

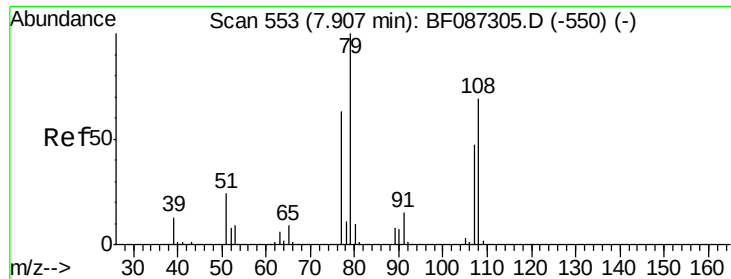
Delta R.T. 0.01 min

Lab File: BF087400.D

Acq: 26 May 2016 7:35

Tgt Ion:	99	Resp:	1267734
Ion Ratio	Lower	Upper	
99	100		
42	32.1	13.6	20.4#
71	42.2	24.6	36.8#





#15

Benzyl Alcohol

Concen: 2.72 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.06 min

Lab File: BF087400.D

Acq: 26 May 2016 7:35

Instrument :

BNA_F

ClientSampleId :

SB-27-COMP

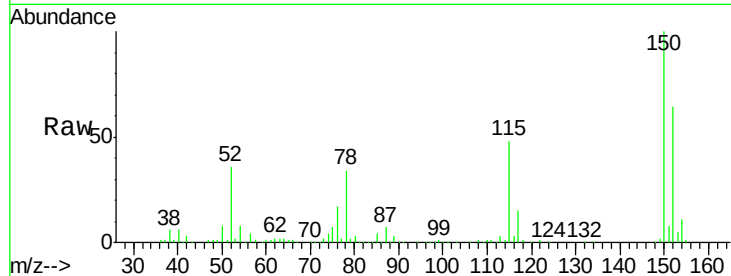
Tgt Ion: 79 Resp: 14888

Ion Ratio Lower Upper

79 100

108 33.0 68.4 102.6#

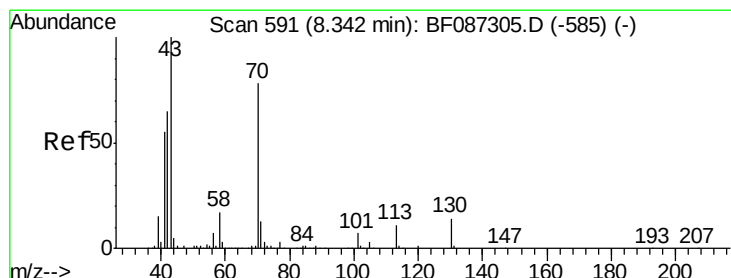
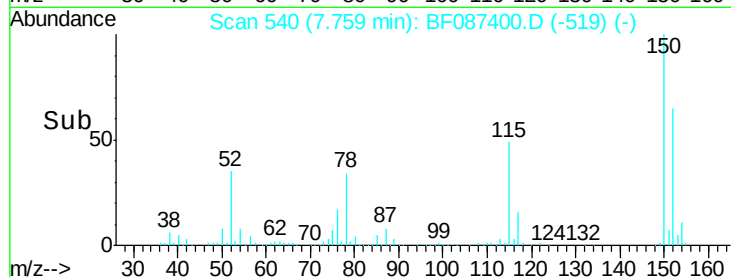
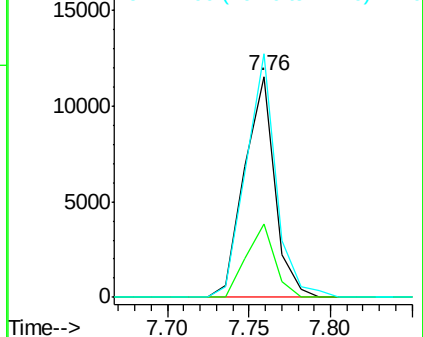
77 110.1 50.6 76.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 19.82 ng

RT: 8.43 min Scan# 599

Delta R.T. 0.18 min

Lab File: BF087400.D

Acq: 26 May 2016 7:35

Tgt Ion: 70 Resp: 110901

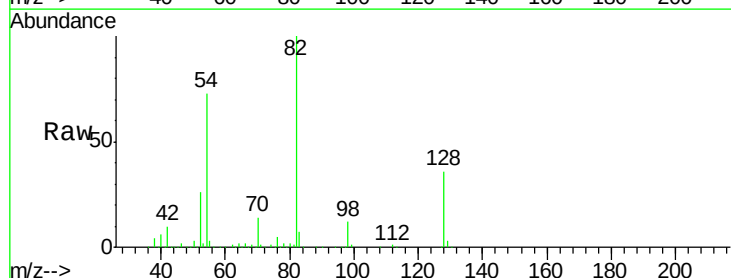
Ion Ratio Lower Upper

70 100

42 70.9 43.1 64.7#

101 0.0 8.1 12.1#

130 2.0 18.6 28.0#

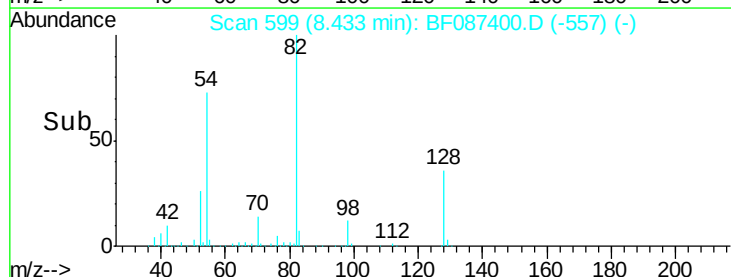
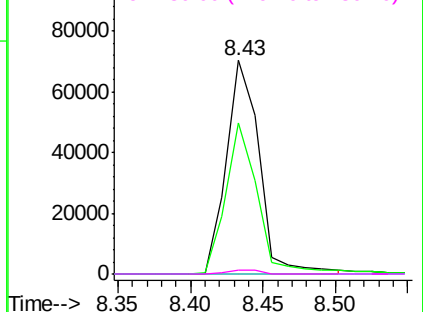


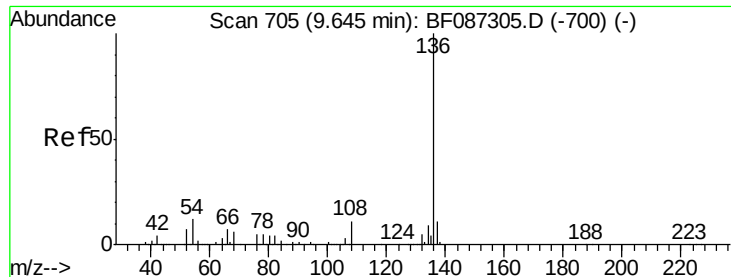
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

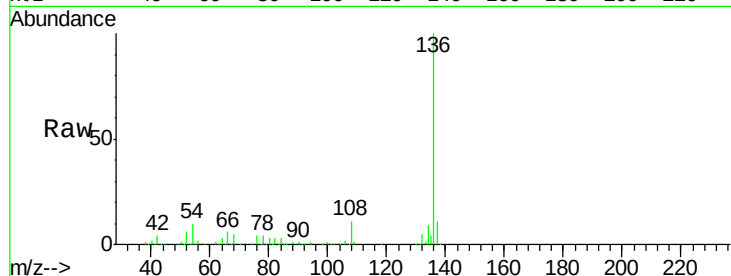




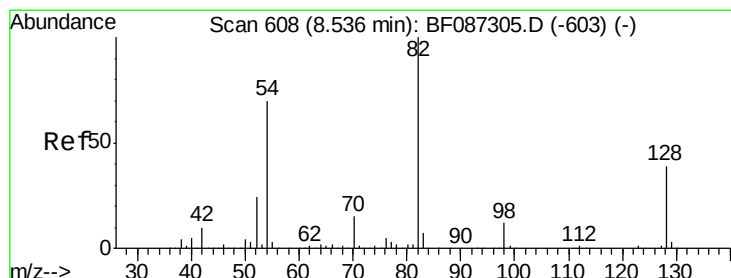
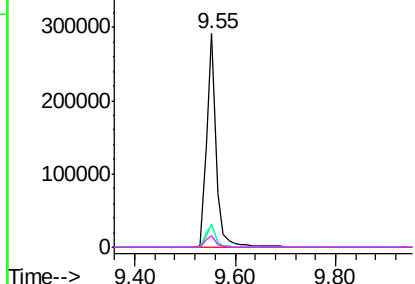
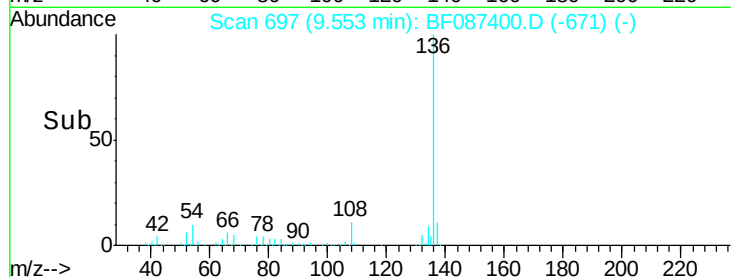
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF087400.D
Acq: 26 May 2016 7:35

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BNA_F
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SB-27-COMP

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

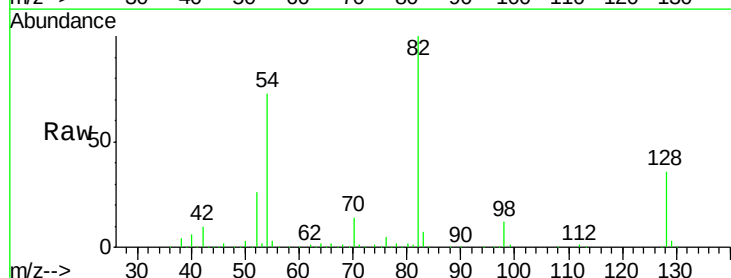


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

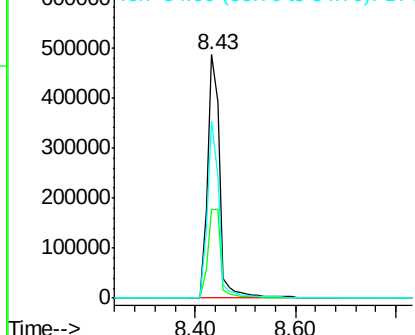
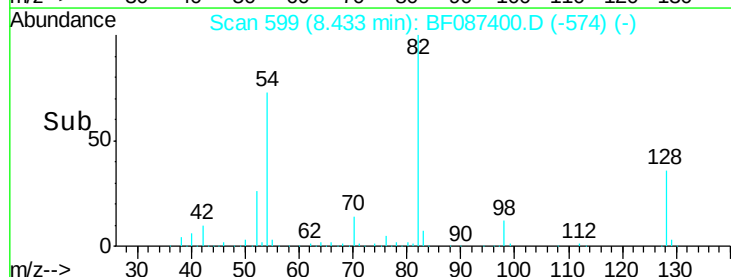


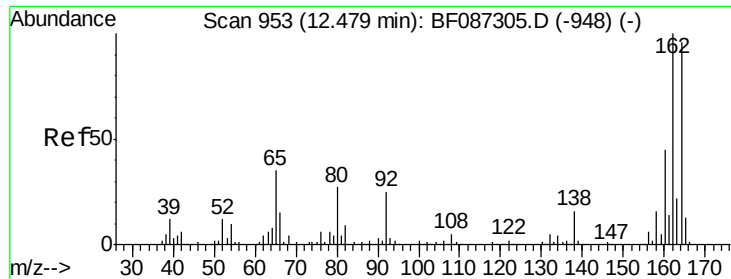
#23
Nitrobenzene-d5
Concen: 107.29 ng
RT: 8.43 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF087400.D
Acq: 26 May 2016 7:35

Tgt Ion:	82	Resp:	813338
Ion	Ratio	Lower	Upper
82	100		
128	36.4	40.6	61.0#
54	72.7	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: 12.38 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF087400.D

Acq: 26 May 2016 7:35

Instrument :

BNA_F

ClientSampleId :

SB-27-COMP

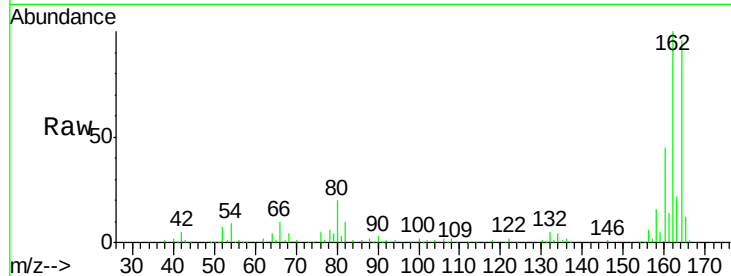
Tgt Ion:164 Resp: 152244

Ion Ratio Lower Upper

164 100

162 103.7 82.8 124.2

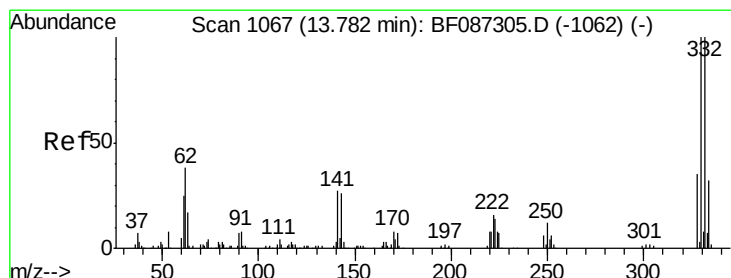
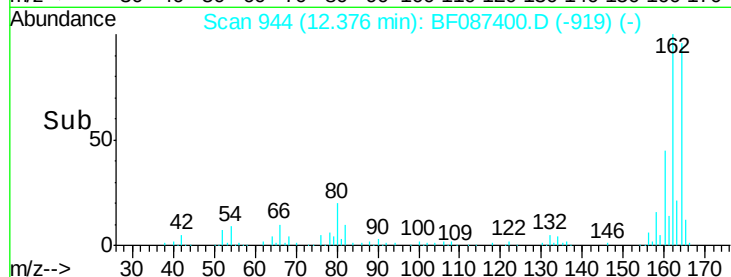
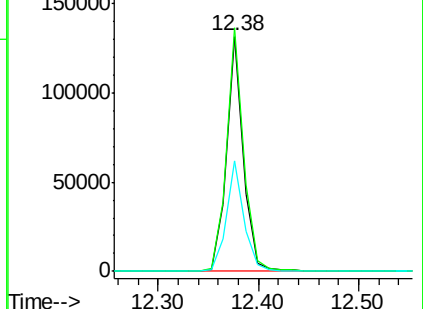
160 47.1 36.9 55.3



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: 138.39 ng

RT: 13.68 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF087400.D

Acq: 26 May 2016 7:35

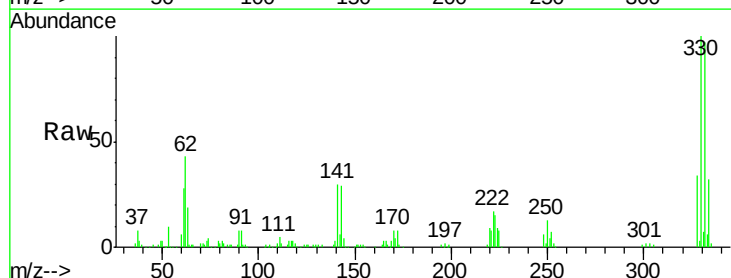
Tgt Ion:330 Resp: 202467

Ion Ratio Lower Upper

330 100

332 96.5 79.0 118.4

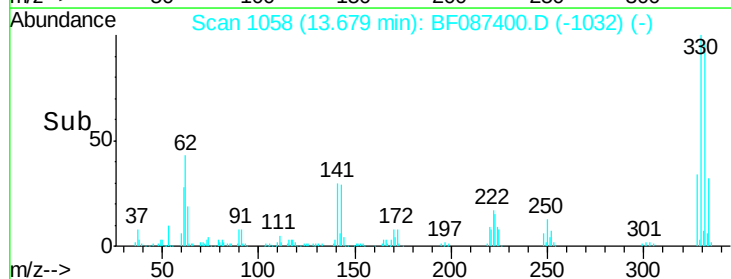
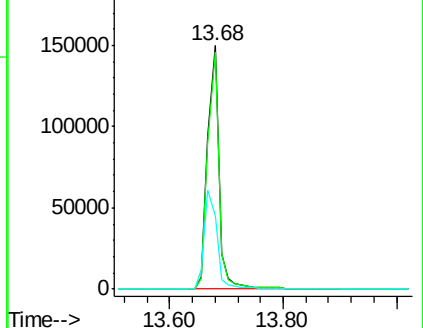
141 44.9 31.2 46.8

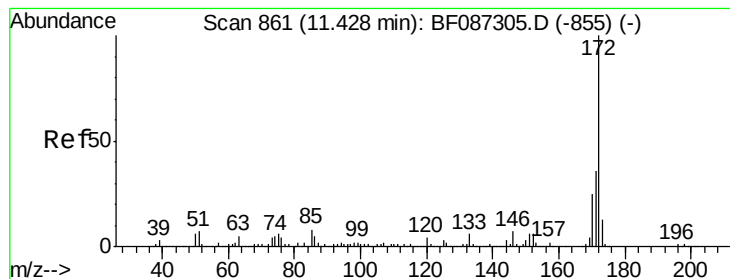


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 113.22 ng

RT: 11.34 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF087400.D

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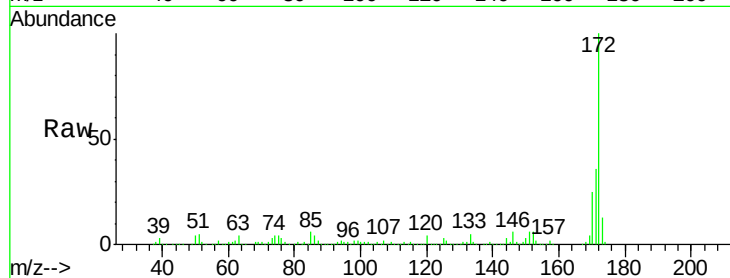
Tgt Ion:172 Resp: 1222707

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

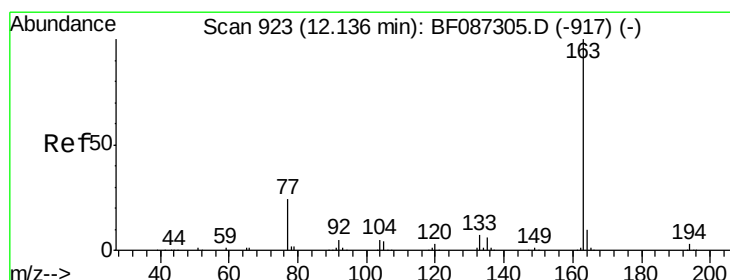
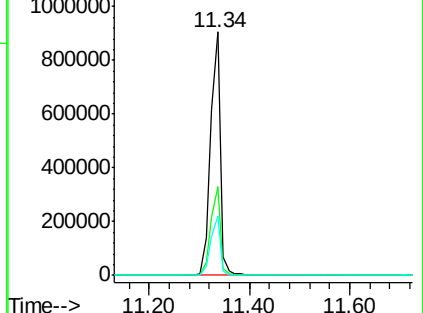
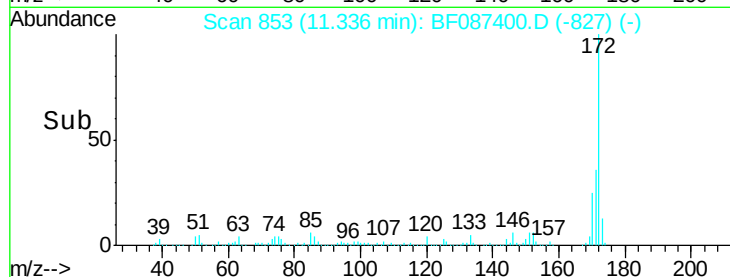
170 24.6 19.8 29.8



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: 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

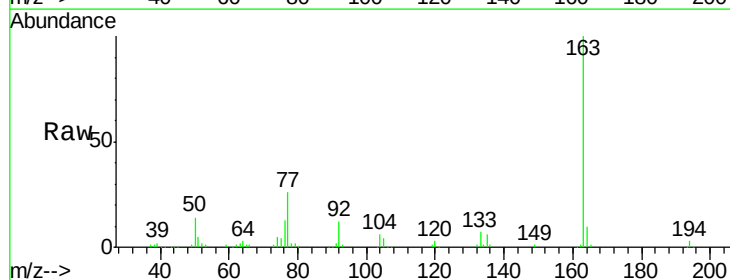
Tgt Ion:163 Resp: 356744

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

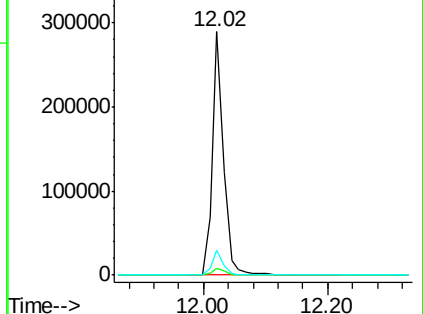
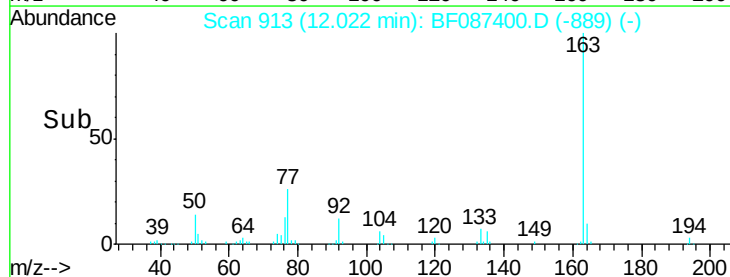
164 10.1 8.2 12.4

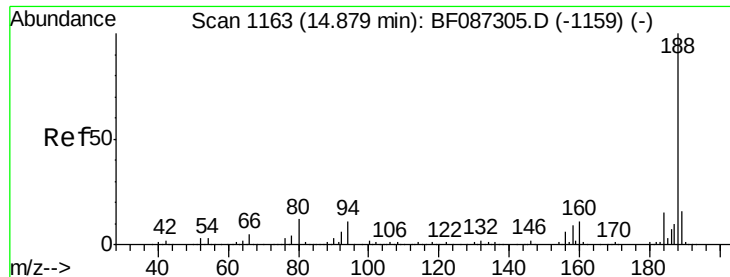


Abundance Ion 163.00 (162.70 to 163.70): E

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

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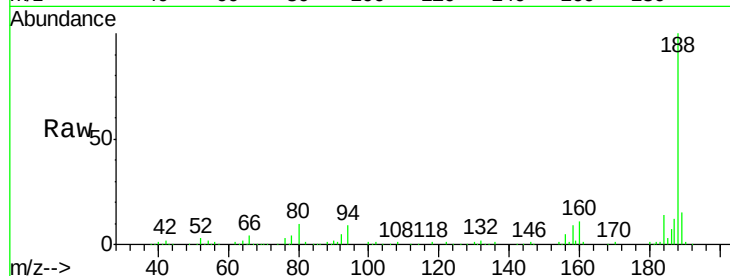
Tgt Ion:188 Resp: 247079

Ion Ratio Lower Upper

188 100

94 9.3 6.8 10.2

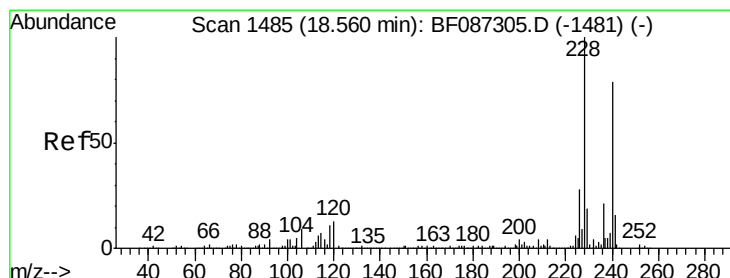
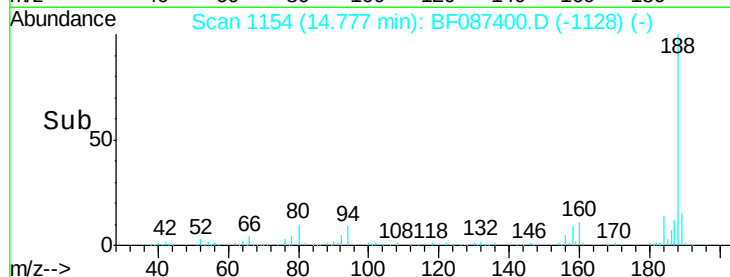
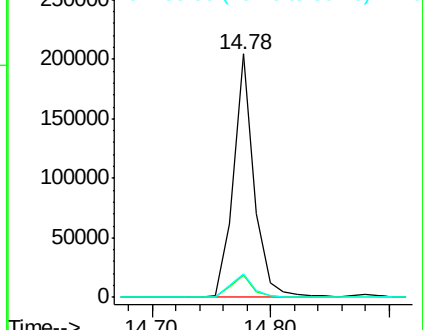
80 9.6 7.1 10.7



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

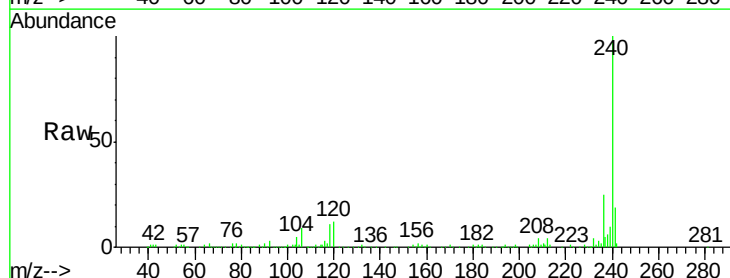
Tgt Ion:240 Resp: 220787

Ion Ratio Lower Upper

240 100

120 12.3 11.2 16.8

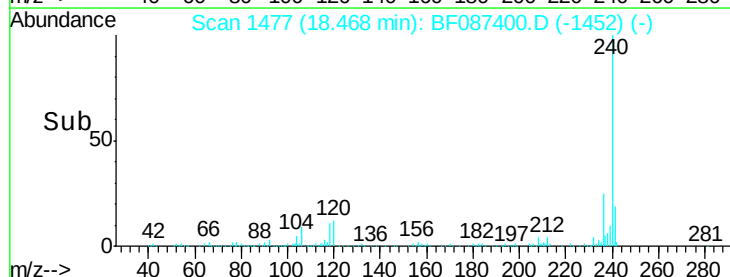
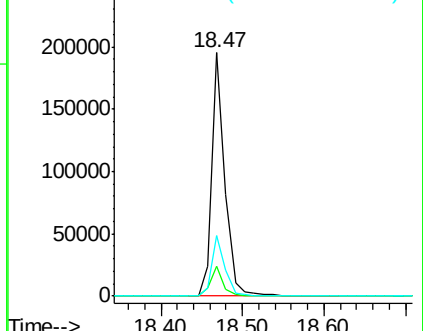
236 25.0 21.2 31.8

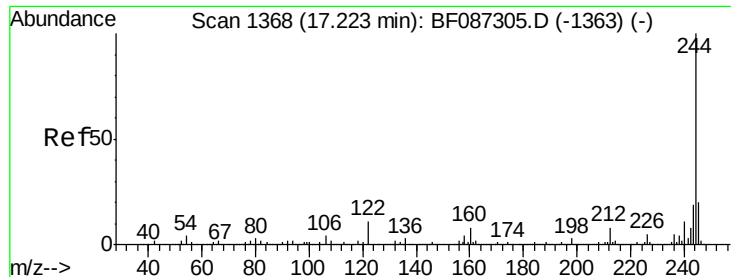


Abundance Ion 240.00 (239.70 to 240.70): E

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

Instrument :

BNA_F

ClientSampleId :

SB-27-COMP

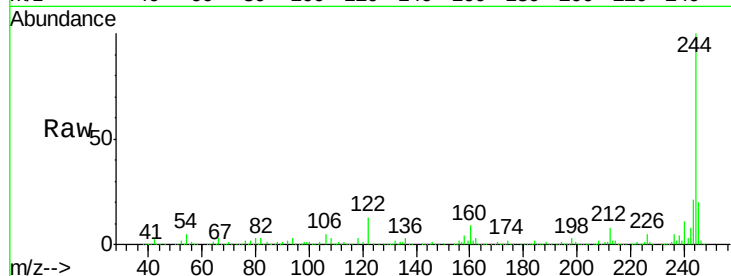
Tgt Ion:244 Resp: 867428

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

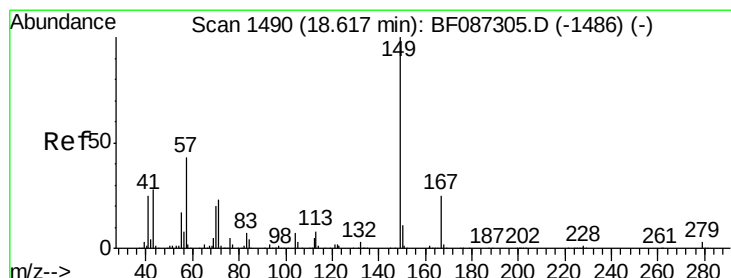
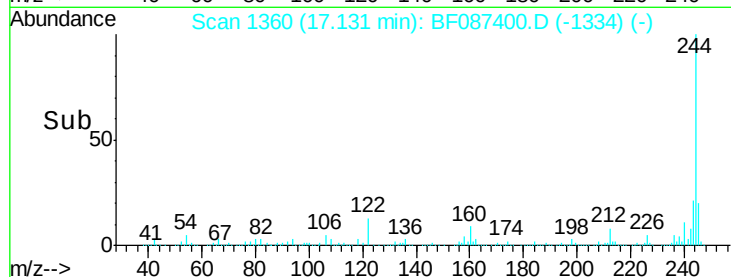
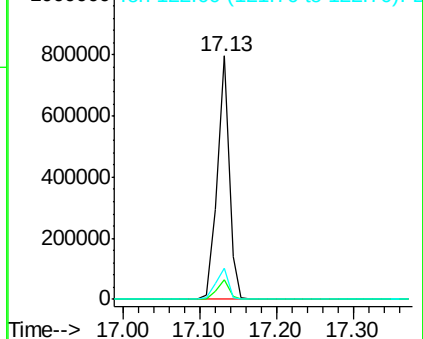
122 12.6 12.0 18.0



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

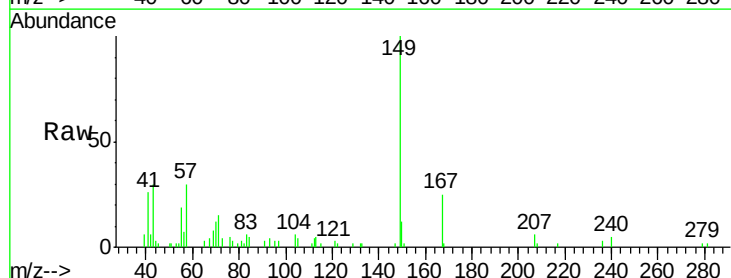
Tgt Ion:149 Resp: 29247

Ion Ratio Lower Upper

149 100

167 25.4 21.8 32.6

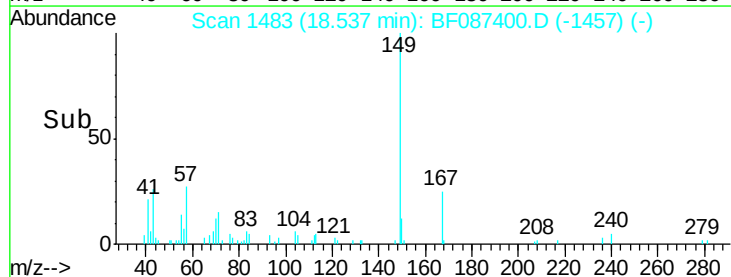
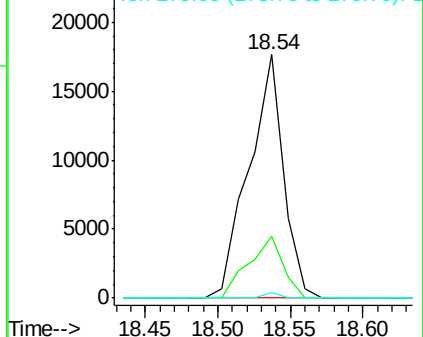
279 2.1 2.6 4.0#

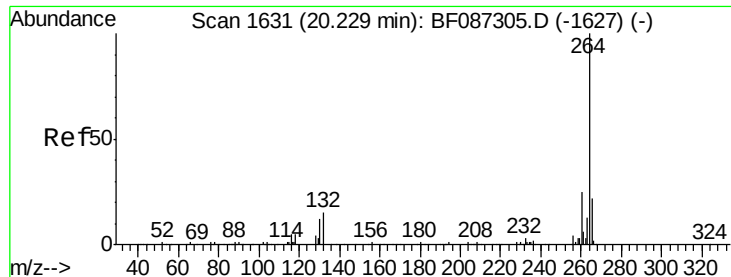


Abundance Ion 149.00 (148.70 to 149.70): E

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

Instrument :
BNA_F
ClientSampleId :
SB-27-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.4	17.3	25.9

