

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 19:04:24 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

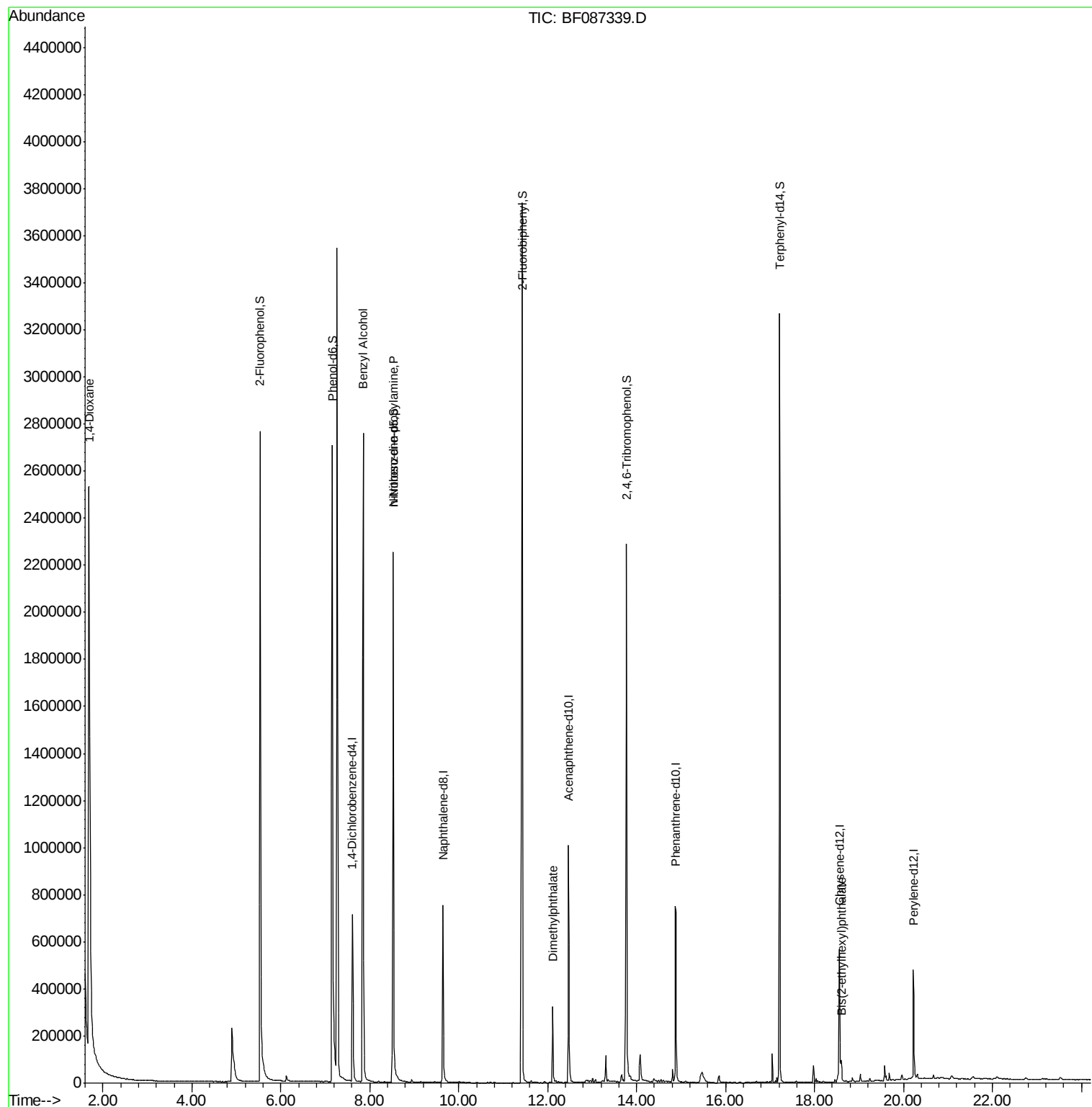
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	134507	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	577082	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	265148	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	476696	20.00	ng	0.00
75) Chrysene-d12	18.56	240	320348	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						
2) 1,4-Dioxane	1.69	88	119708	29.64	ng	# 22
15) Benzyl Alcohol	7.85	79	18419	2.44	ng	# 41
19) n-Nitroso-di-n-propylamine	8.52	70	141409	18.33	ng	# 74
49) Dimethylphthalate	12.11	163	189505	8.92	ng	99
83) Bis(2-ethylhexyl)phthalate	18.61	149	40114	2.69	ng	# 99

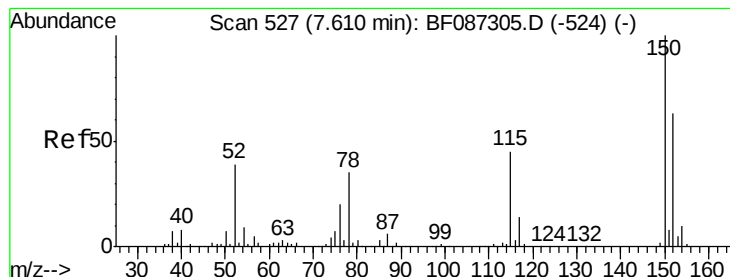
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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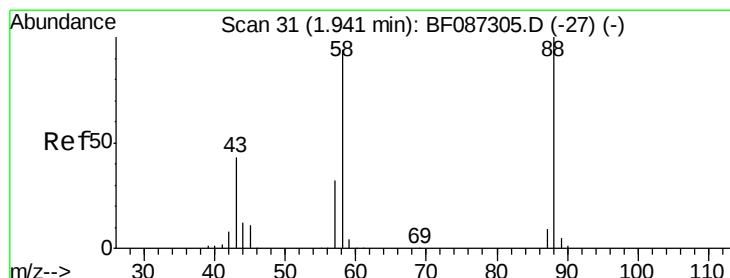
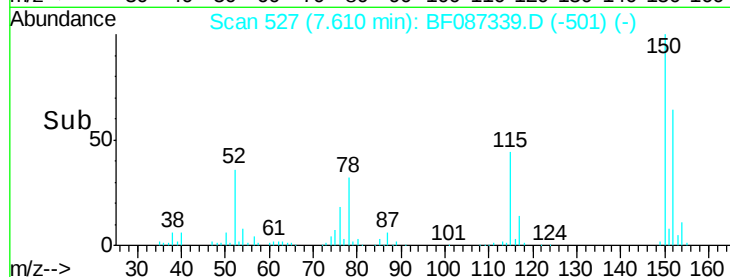
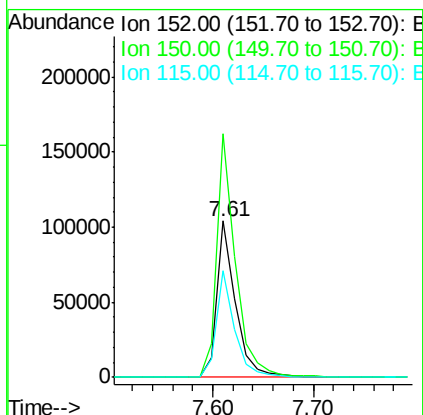
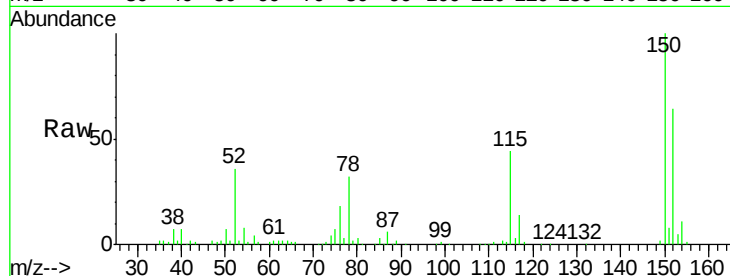


#1

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

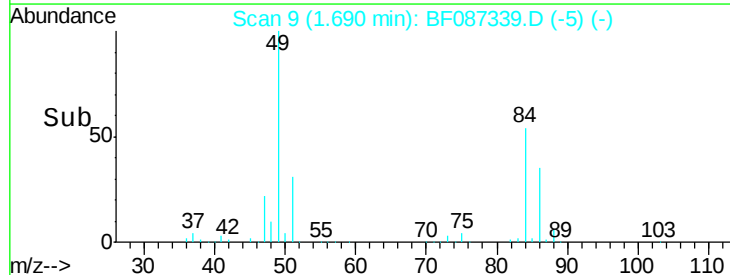
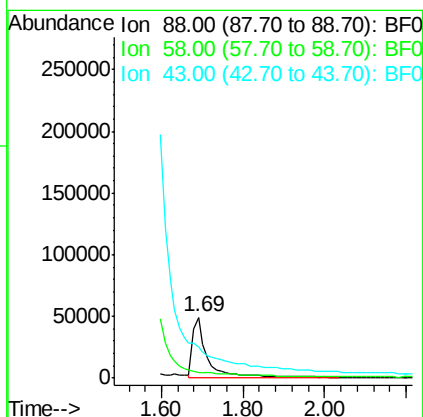
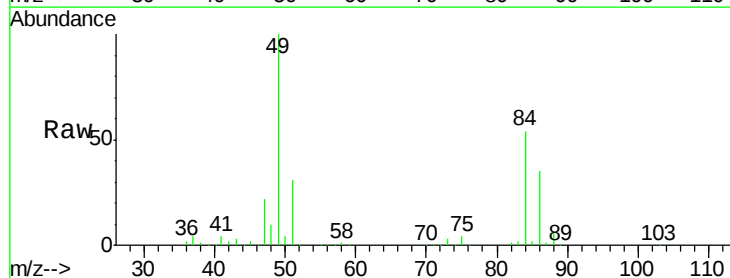
Tgt Ion: 152 Resp: 134507
Ion Ratio Lower Upper
152 100
150 155.8 125.8 188.6
115 67.9 51.5 77.3

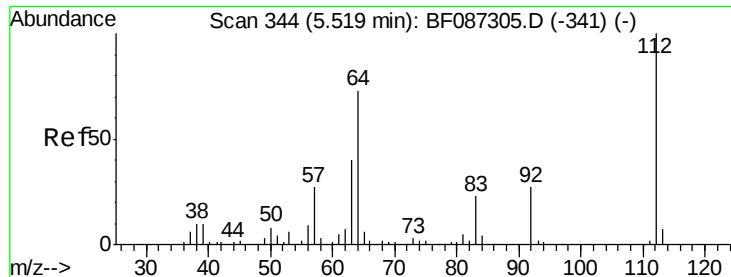


#2

1,4-Dioxane
Concen: 29.64 ng
RT: 1.69 min Scan# 9
Delta R.T. -0.25 min
Lab File: BF087339.D
Acq: 24 May 2016 13:28

Tgt Ion: 88 Resp: 119708
Ion Ratio Lower Upper
88 100
58 0.0 59.6 89.4#
43 0.0 21.8 32.6#





#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

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

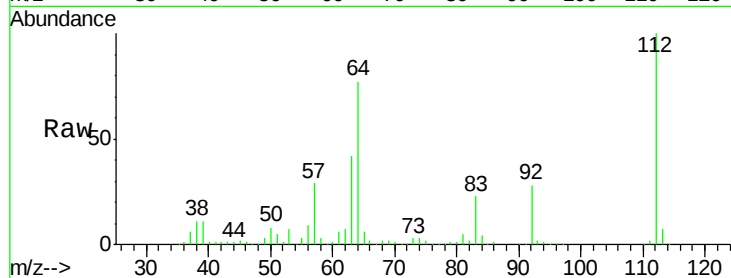
Tgt Ion: 112 Resp: 1180331

Ion Ratio Lower Upper

112 100

64 76.7 52.1 78.1

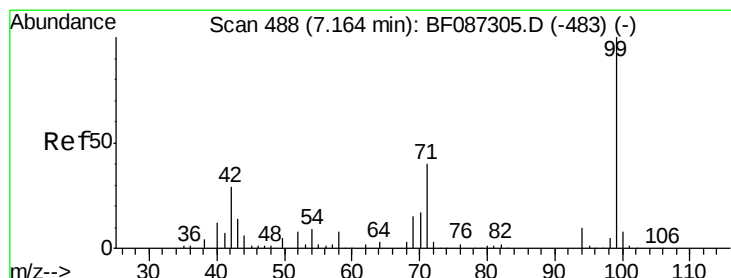
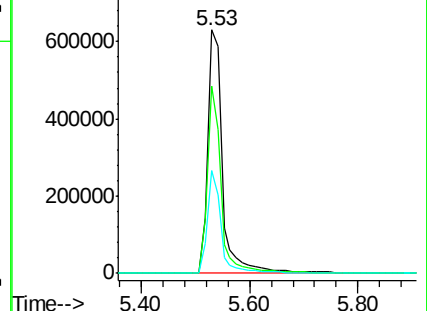
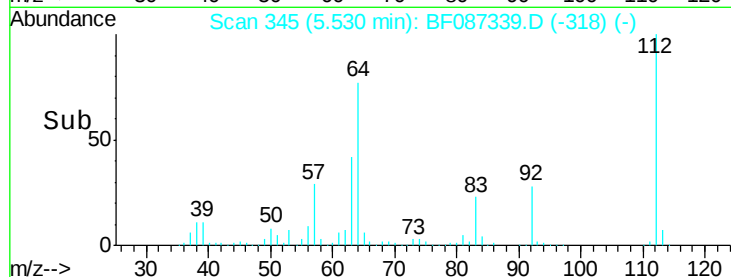
63 42.4 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): BF087339.D (-318) (-)

Ion 64.00 (63.70 to 64.70): BF087339.D (-318) (-)

Ion 63.00 (62.70 to 63.70): BF087339.D (-318) (-)



#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

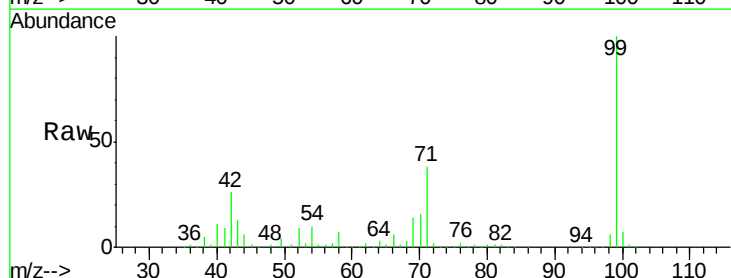
Tgt Ion: 99 Resp: 1660604

Ion Ratio Lower Upper

99 100

42 26.1 13.6 20.4#

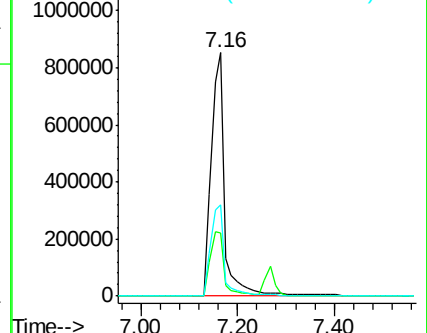
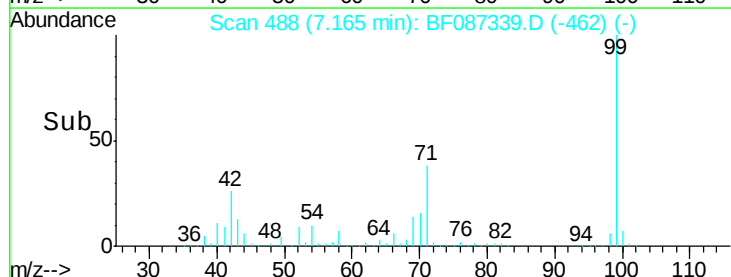
71 37.7 24.6 36.8#

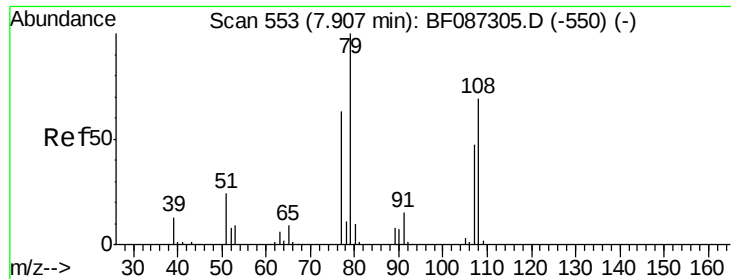


Abundance Ion 99.00 (98.70 to 99.70): BF087339.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BF087339.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BF087339.D (-462) (-)





#15

Benzyl Alcohol

Concen: 2.44 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.06 min

Lab File: BF087339.D

Acq: 24 May 2016 13:28

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

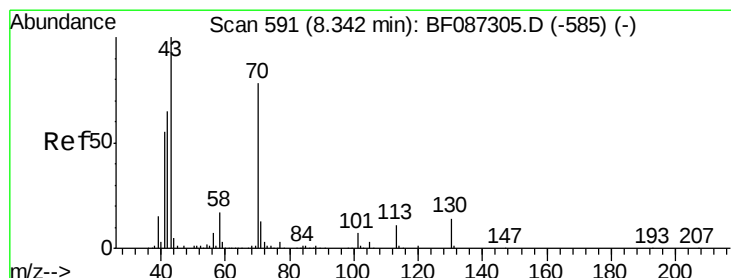
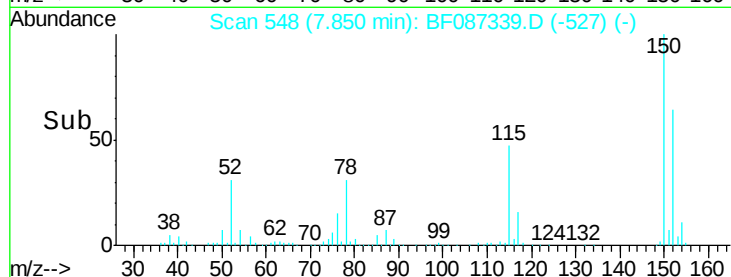
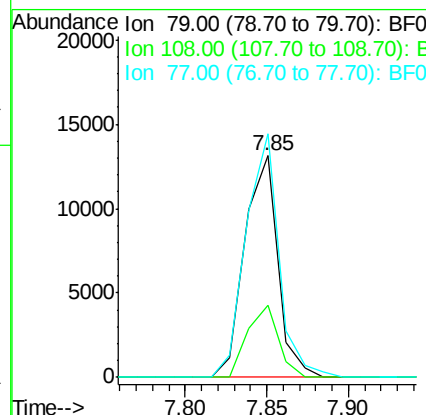
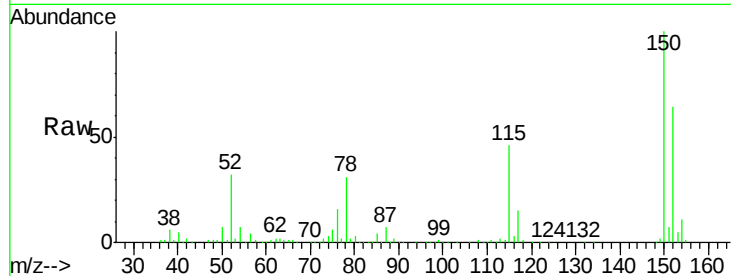
Tgt Ion: 79 Resp: 18419

Ion Ratio Lower Upper

79 100

108 32.8 68.4 102.6#

77 110.0 50.6 76.0#



#19

n-Nitroso-di-n-propylamine

Concen: 18.33 ng

RT: 8.52 min Scan# 607

Delta R.T. 0.18 min

Lab File: BF087339.D

Acq: 24 May 2016 13:28

Tgt Ion: 70 Resp: 141409

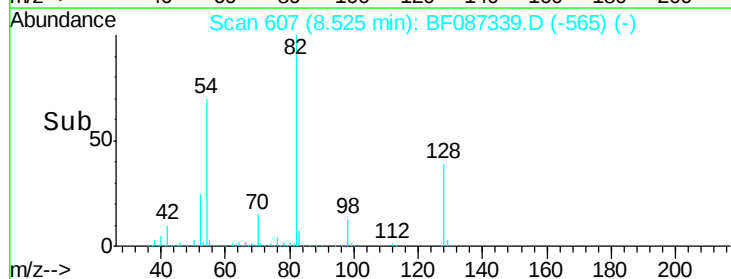
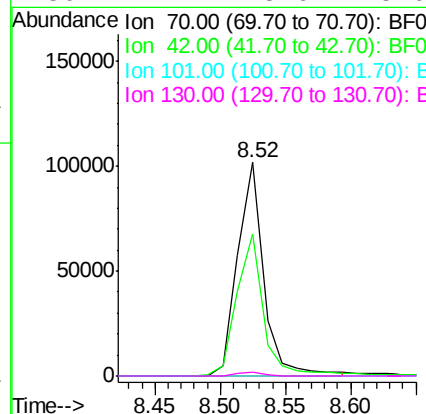
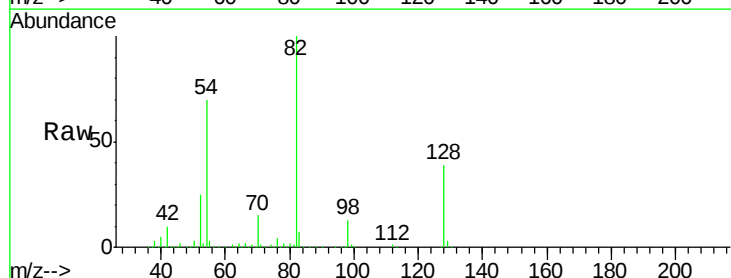
Ion Ratio Lower Upper

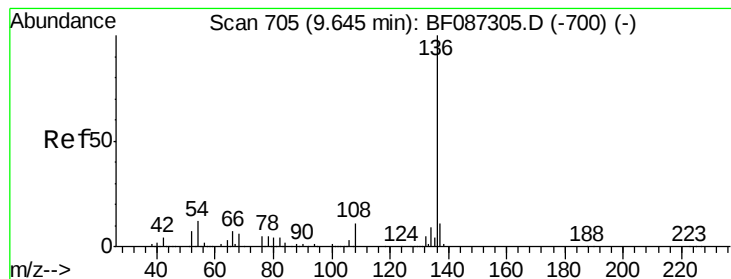
70 100

42 66.4 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#





#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

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

Tgt Ion:136 Resp: 577082

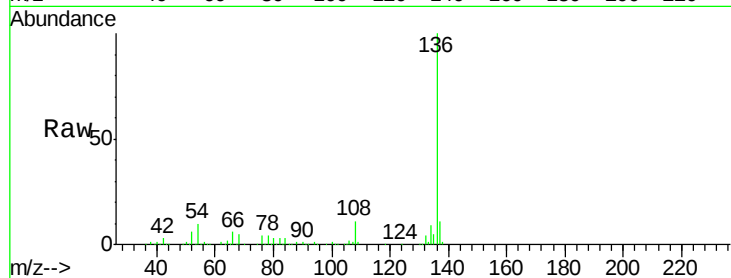
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 9.9 5.0 7.4#

68 5.2 4.4 6.6

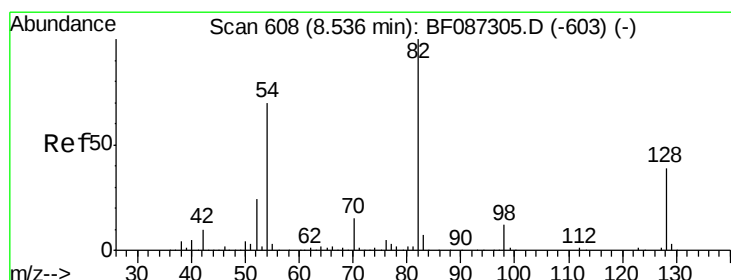
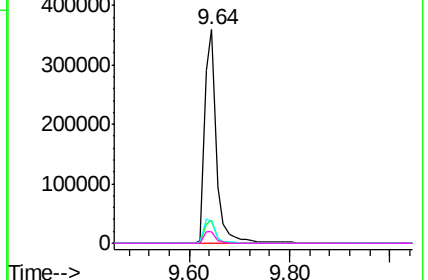
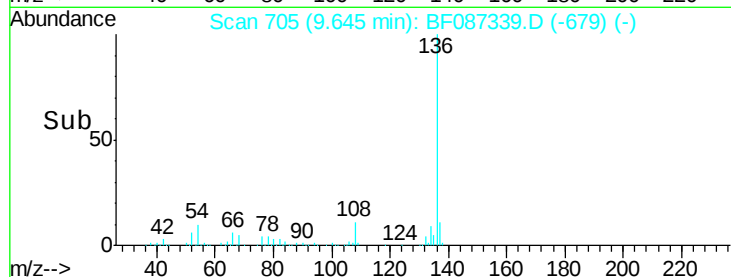


Abundance Ion 136.00 (135.70 to 136.70): E

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

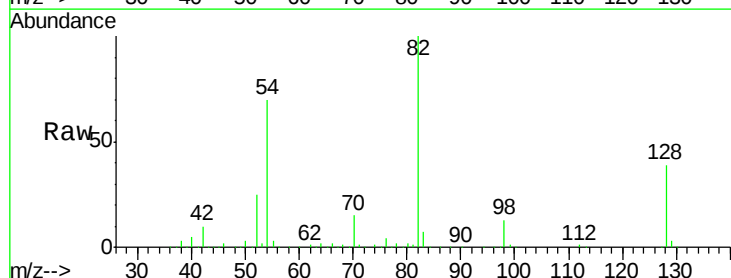
Tgt Ion: 82 Resp: 1029483

Ion Ratio Lower Upper

82 100

128 38.9 40.6 61.0#

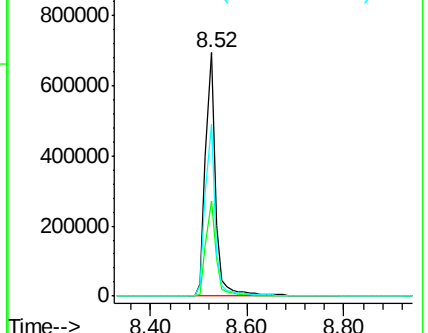
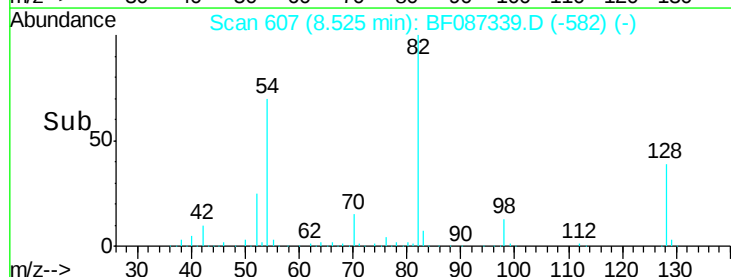
54 70.4 38.1 57.1#

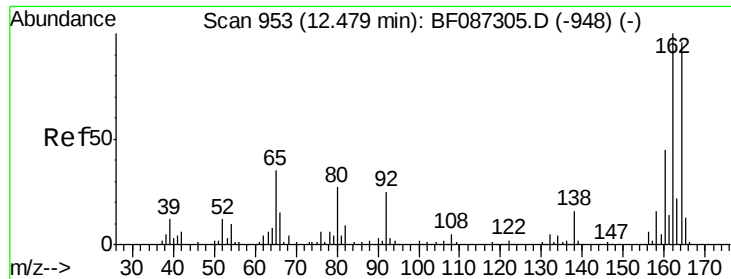


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

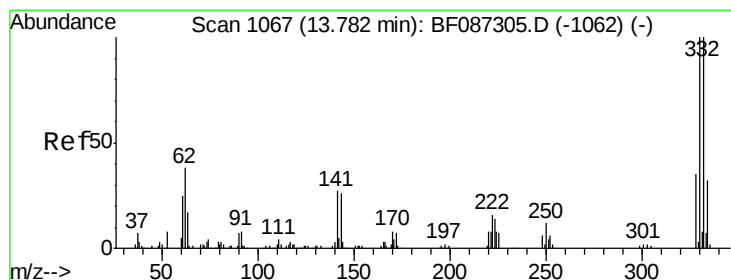
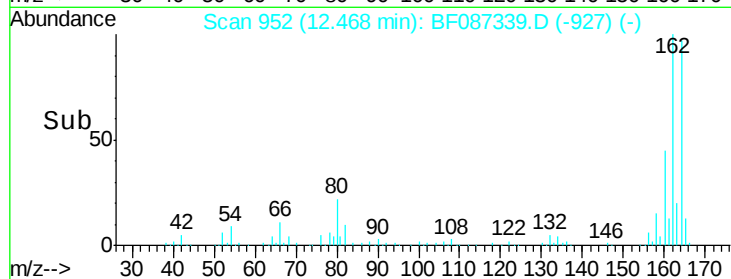
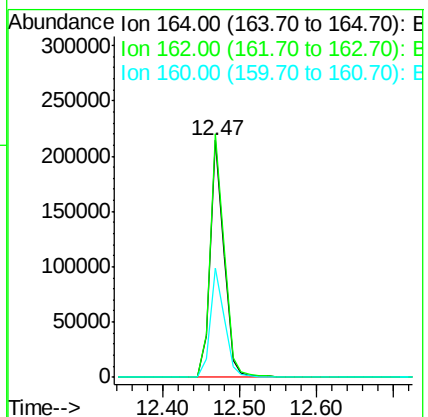
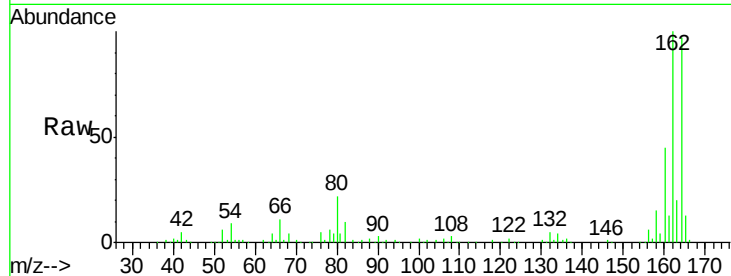




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.47 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF087339.D
Acq: 24 May 2016 13:28

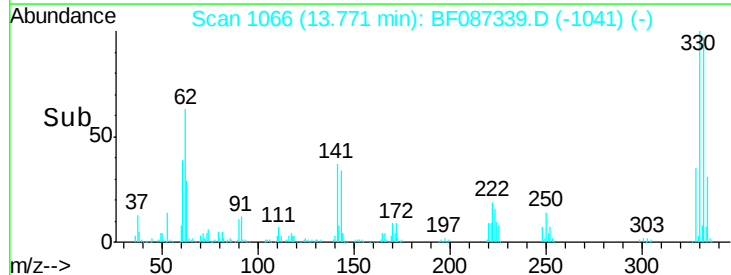
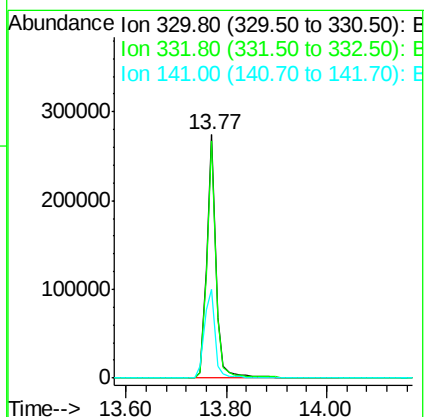
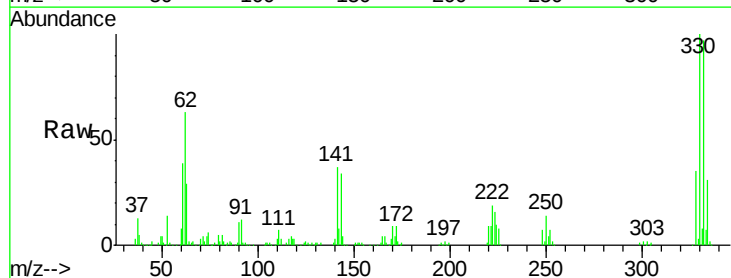
Instrument :
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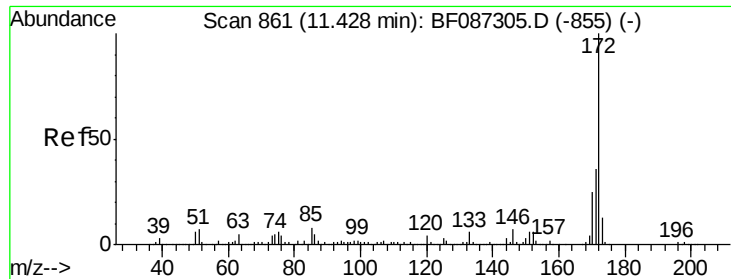
Tgt Ion:164 Resp: 265148
Ion Ratio Lower Upper
164 100
162 102.8 82.8 124.2
160 45.9 36.9 55.3



#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

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

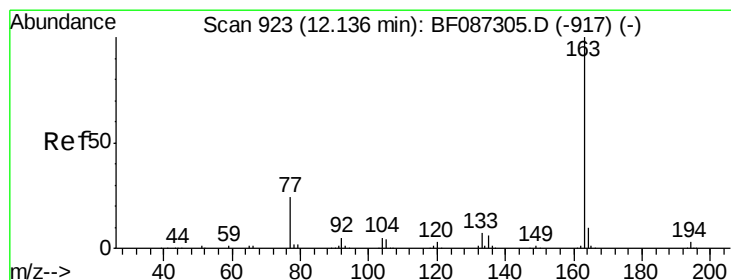
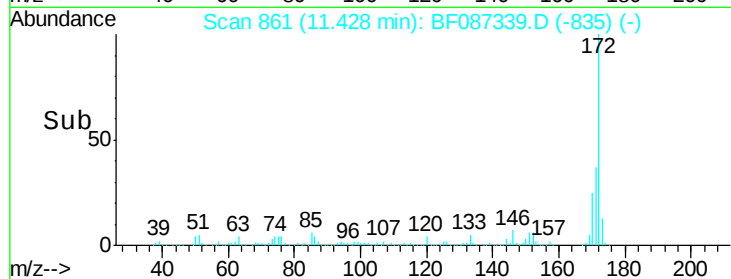
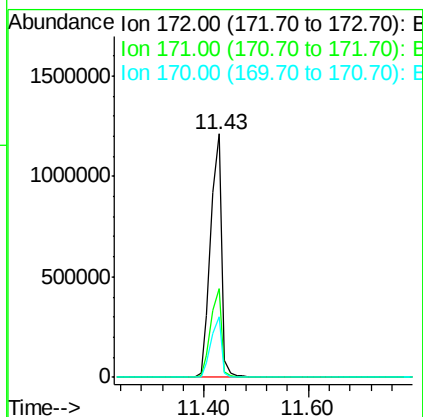
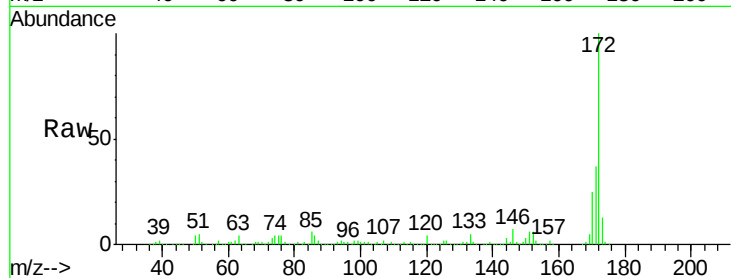




#44
2-Fluorobiphenyl
Concen: 95.28 ng
RT: 11.43 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF087339.D
Acq: 24 May 2016 13:28

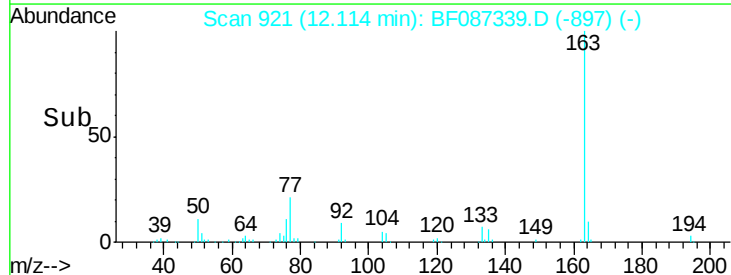
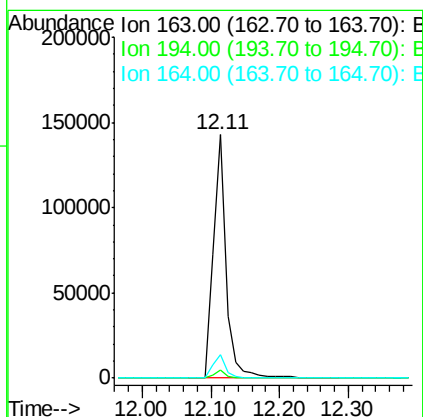
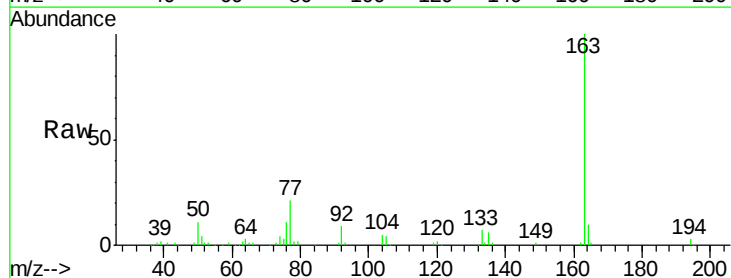
Instrument :
BNA_F
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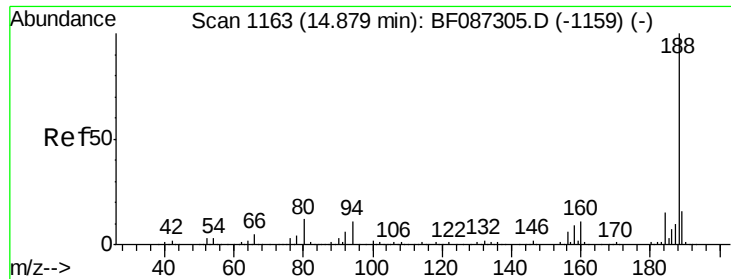
Tgt Ion:172 Resp: 1792015
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 24.8 19.8 29.8



#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

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

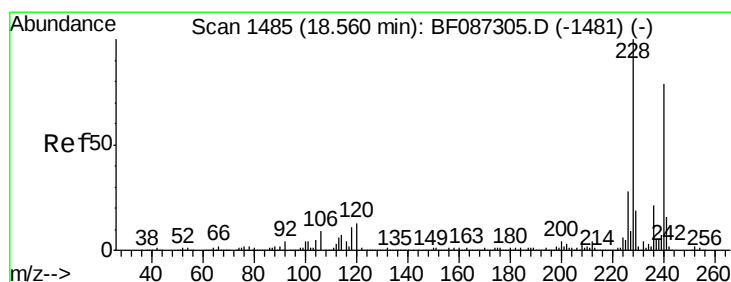
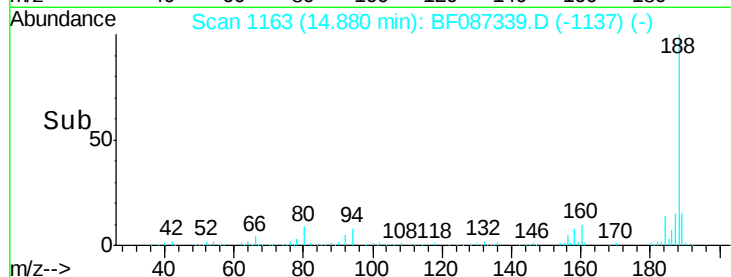
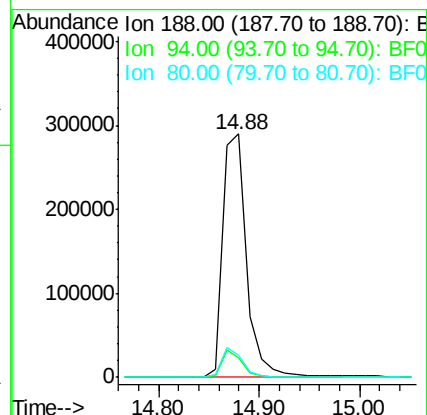
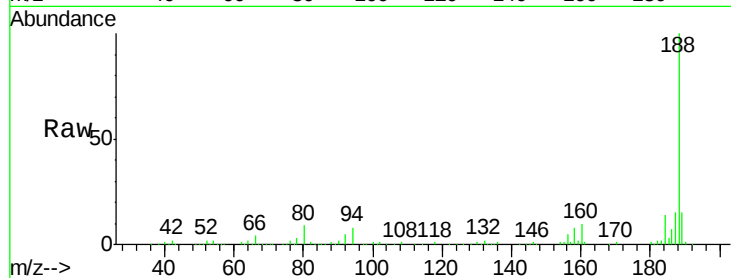




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087339.D
Acq: 24 May 2016 13:28

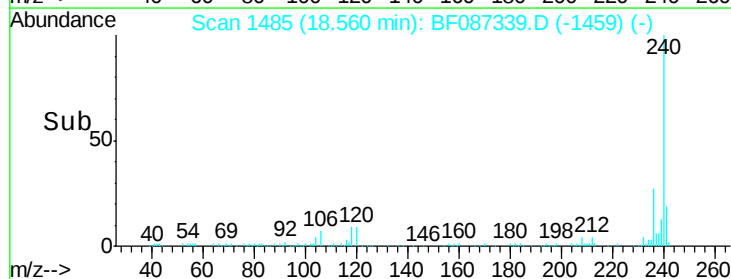
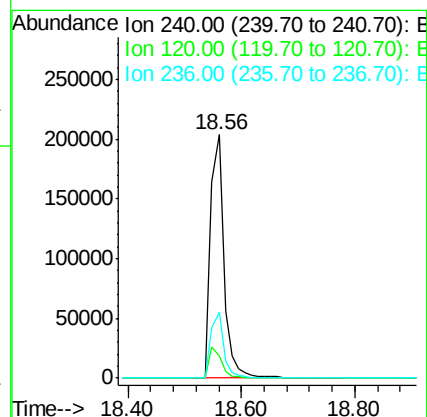
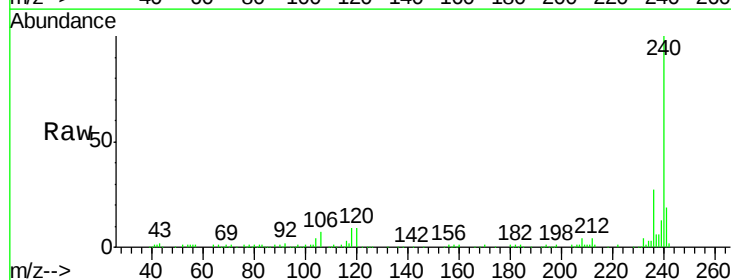
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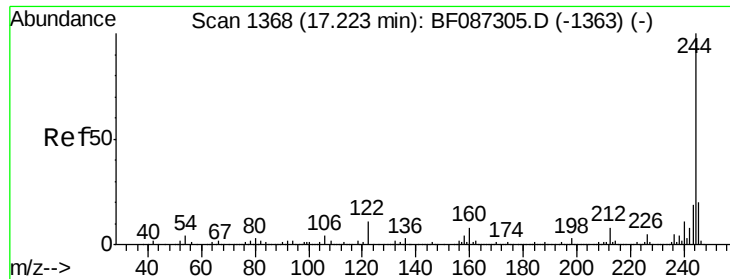
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.8	10.2
80	8.9	7.1	10.7



#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

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	11.2	16.8#
236	26.8	21.2	31.8





#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

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

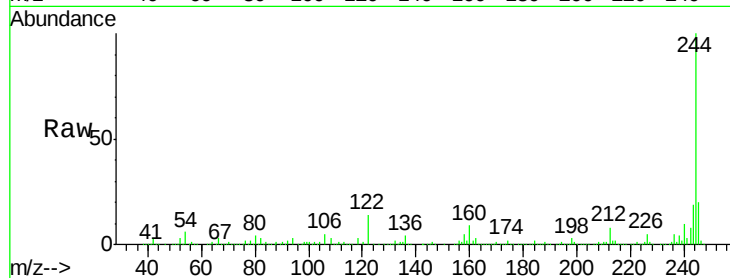
Tgt Ion:244 Resp: 1443611

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

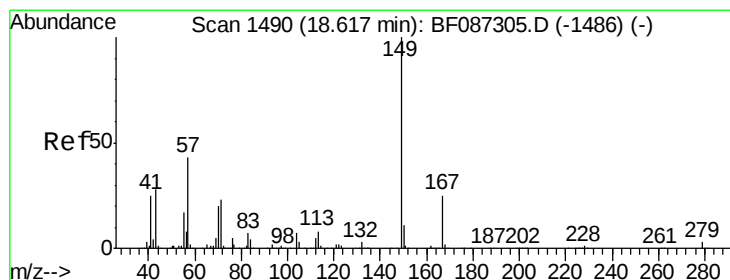
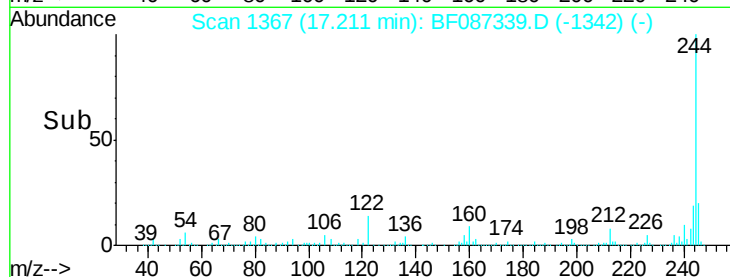
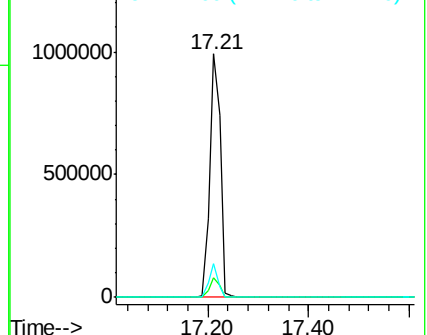
122 14.0 12.0 18.0



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

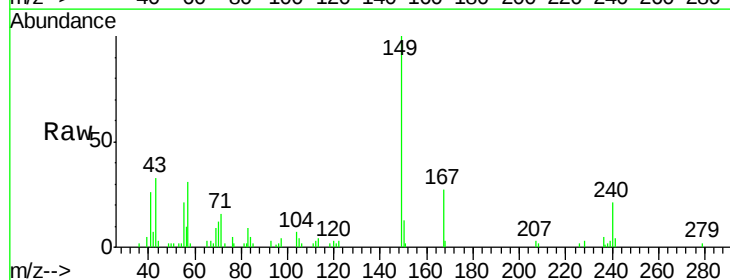
Tgt Ion:149 Resp: 40114

Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.6

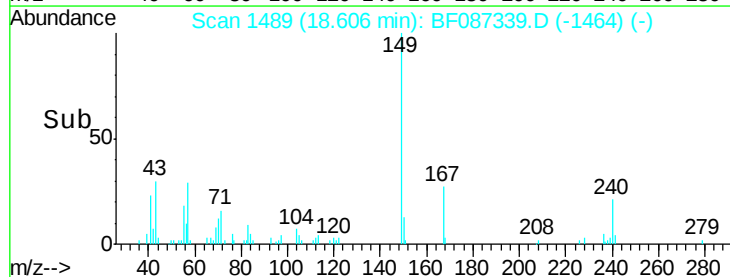
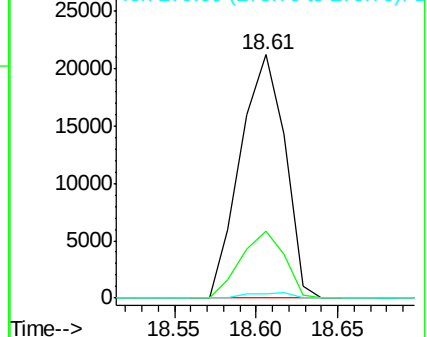
279 1.9 2.6 4.0#

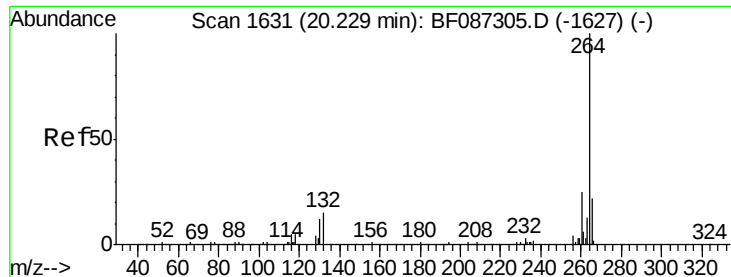


Abundance Ion 149.00 (148.70 to 149.70): E

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

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.8	17.3	25.9

