

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
 Data File : BF087475.D
 Acq On : 28 May 2016 9:28
 Operator : UM/SJ
 Sample : H3258-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2

Quant Time: May 30 00:57:49 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

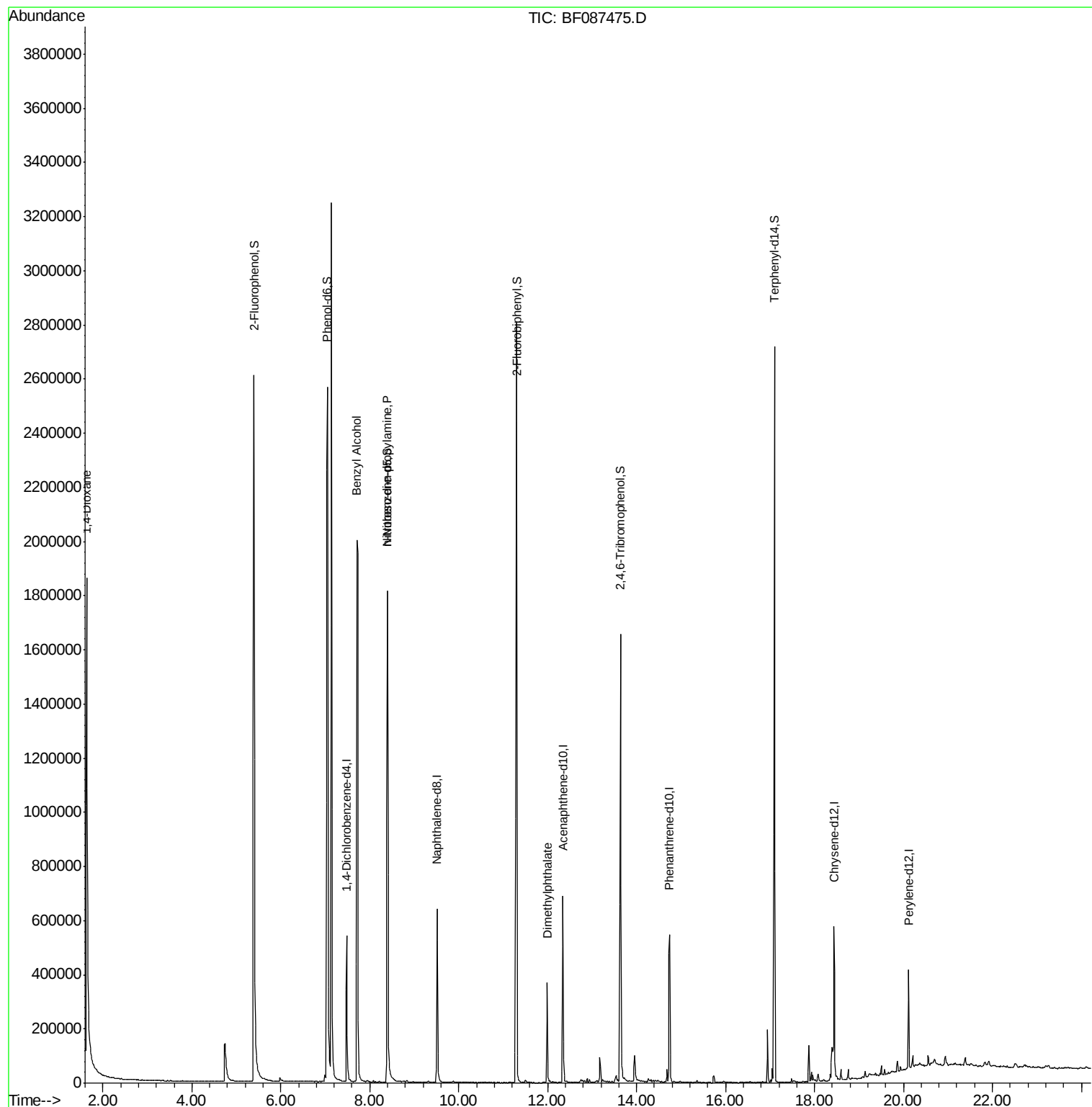
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	113345	20.00	ng	-0.03
21) Naphthalene-d8	9.51	136	449918	20.00	ng	-0.05
38) Acenaphthene-d10	12.34	164	192390	20.00	ng	-0.05
63) Phenanthrene-d10	14.74	188	312020	20.00	ng	-0.03
75) Chrysene-d12	18.43	240	237835	20.00	ng	-0.05
86) Perylene-d12	20.11	264	173348	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1002345	155.39	ng	-0.02
7) Phenol-d6	7.05	99	1414205	162.25	ng	-0.02
23) Nitrobenzene-d5	8.40	82	869765	97.43	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	233716	126.41	ng	-0.05
44) 2-Fluorobiphenyl	11.30	172	1417443	103.87	ng	-0.03
78) Terphenyl-d14	17.10	244	949463	84.87	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.63	88	64828	19.05	ng	# 22
15) Benzyl Alcohol	7.71	79	16275	2.56	ng	# 45
19) n-Nitroso-di-n-propylamine	8.40	70	118543	18.24	ng	# 73
49) Dimethylphthalate	11.99	163	201360	13.07	ng	98

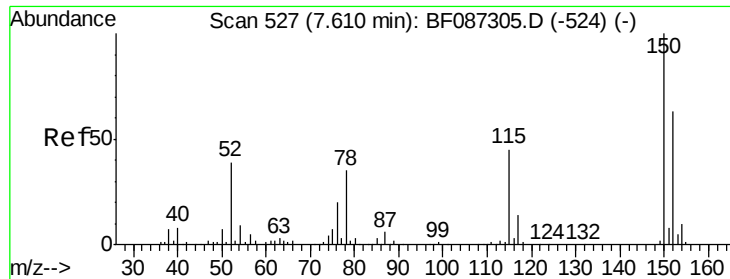
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF087475.D

Acq: 28 May 2016 9:28

Instrument :

BNA_F

ClientSampleId :

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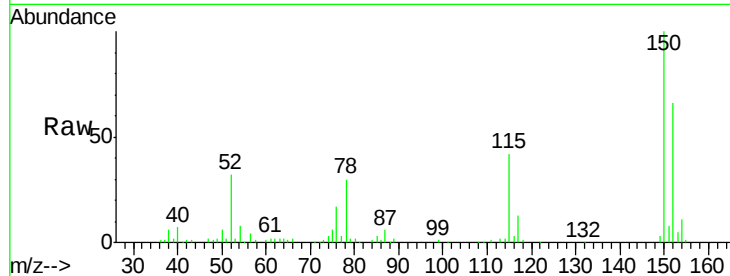
Tgt Ion: 152 Resp: 113345

Ion Ratio Lower Upper

152 100

150 152.6 125.8 188.6

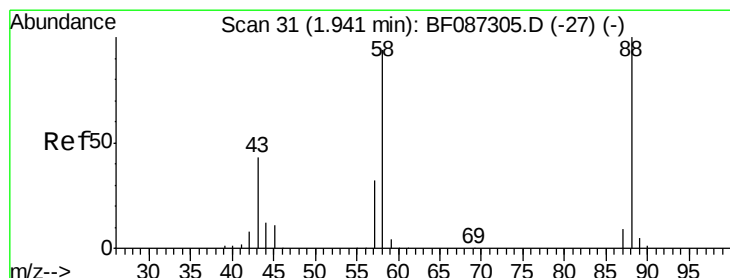
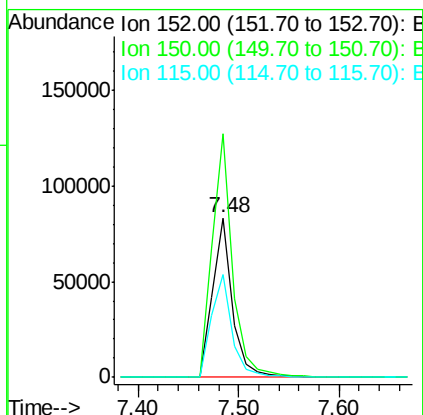
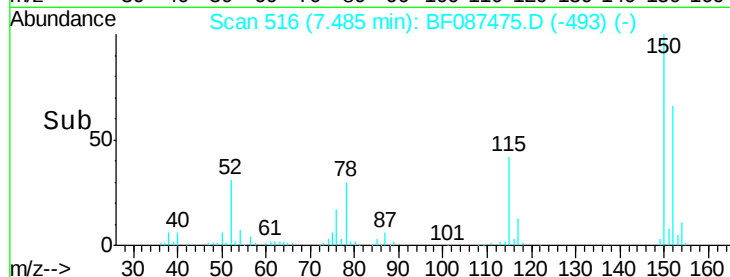
115 64.5 51.5 77.3



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: 19.05 ng

RT: 1.63 min Scan# 4

Delta R.T. -0.18 min

Lab File: BF087475.D

Acq: 28 May 2016 9:28

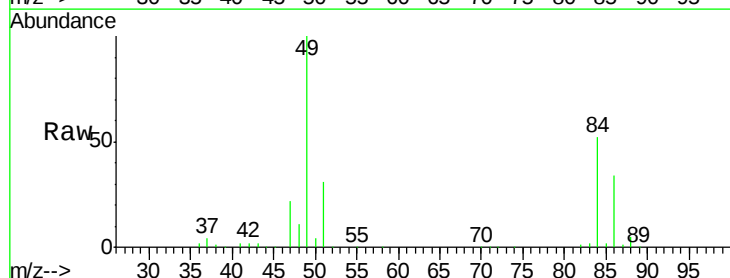
Tgt Ion: 88 Resp: 64828

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

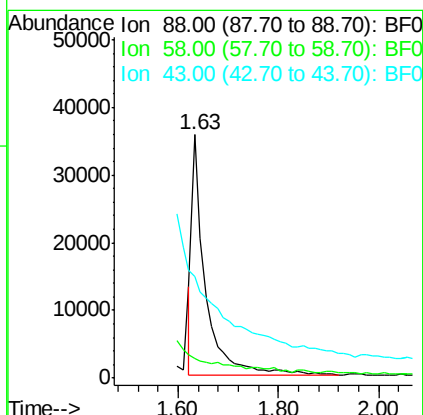
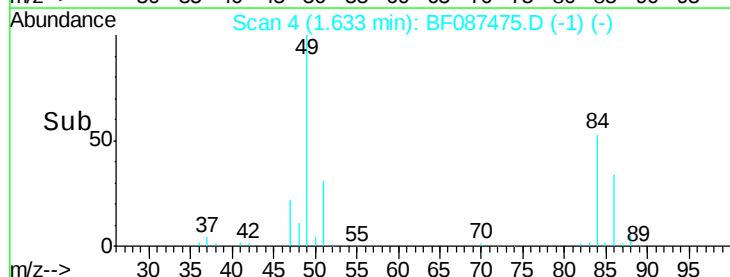
43 0.0 21.8 32.6#

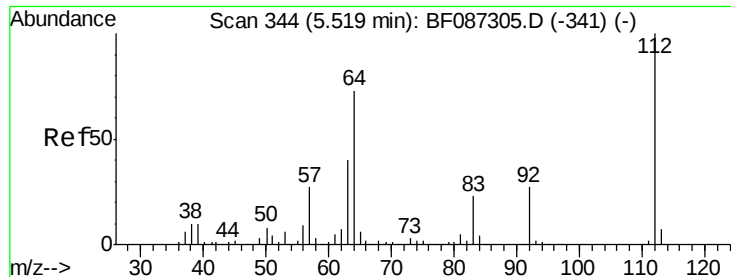


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 155.39 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.02 min

Lab File: BF087475.D

Acq: 28 May 2016 9:28

Instrument :

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ClientSampleId :

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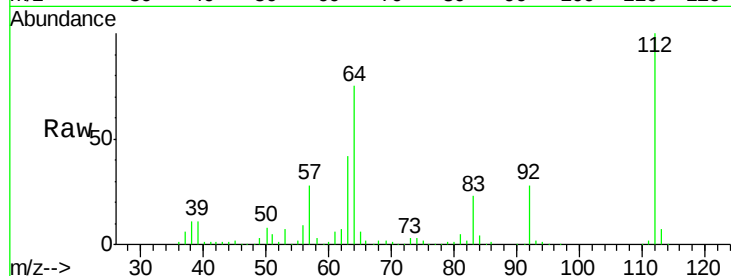
Tgt Ion: 112 Resp: 1002345

Ion Ratio Lower Upper

112 100

64 75.0 52.1 78.1

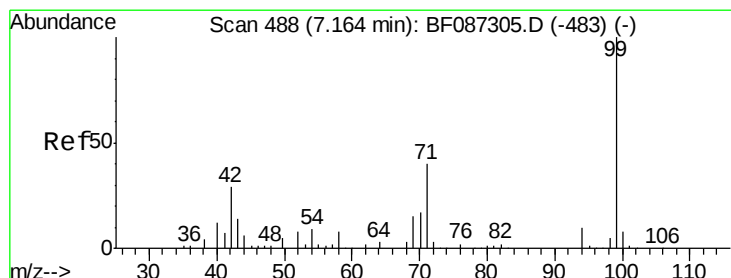
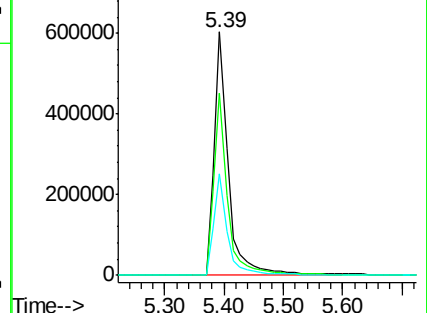
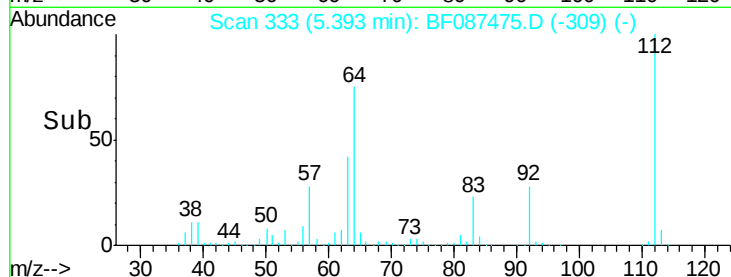
63 41.8 25.7 38.5#



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: 162.25 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF087475.D

Acq: 28 May 2016 9:28

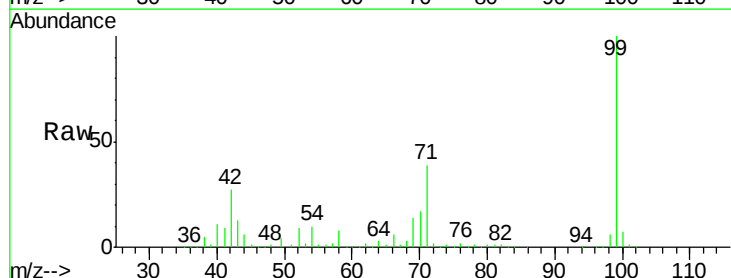
Tgt Ion: 99 Resp: 1414205

Ion Ratio Lower Upper

99 100

42 26.9 13.6 20.4#

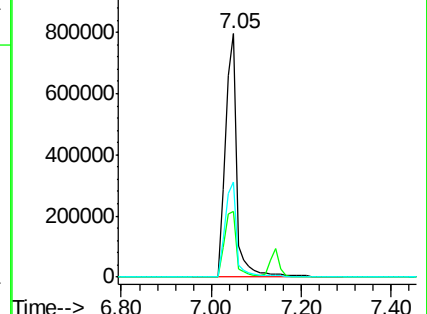
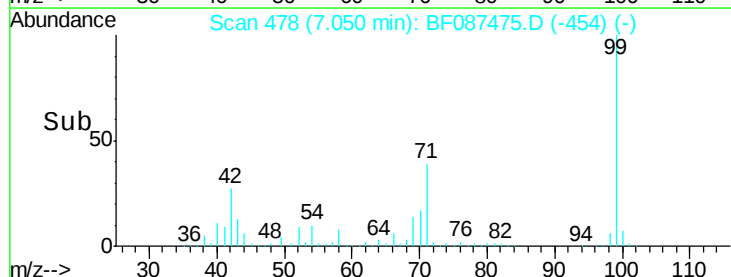
71 39.0 24.6 36.8#

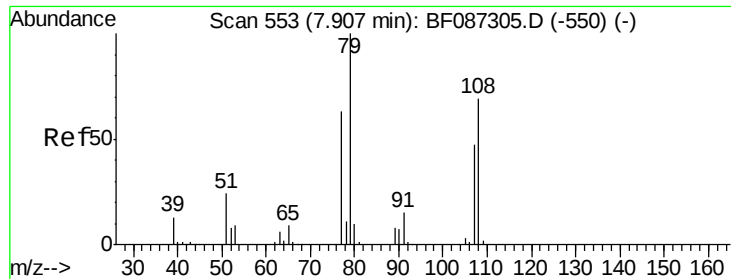


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.56 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.10 min

Lab File: BF087475.D

Acq: 28 May 2016 9:28

Instrument :

BNA_F

ClientSampleId :

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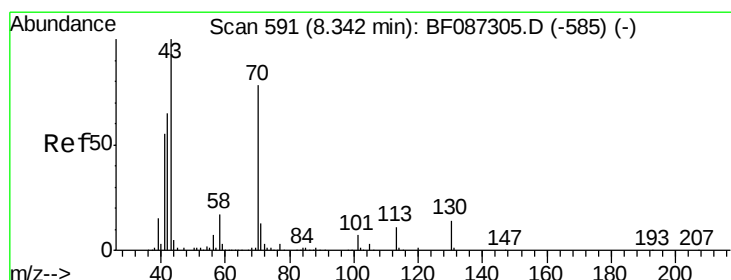
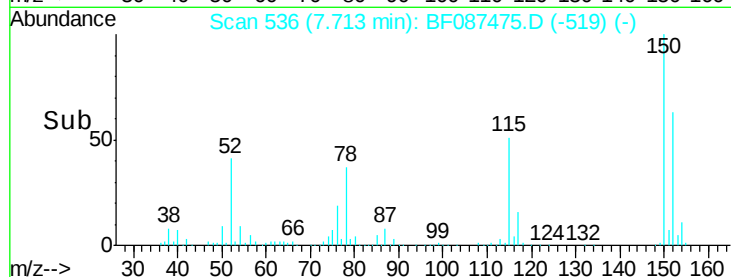
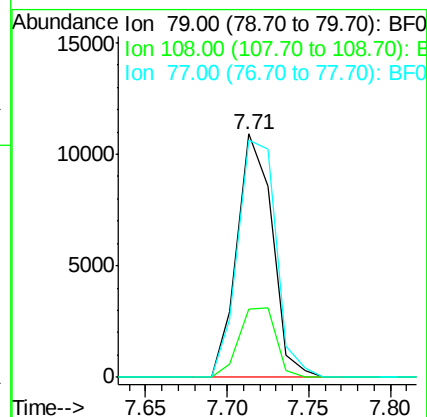
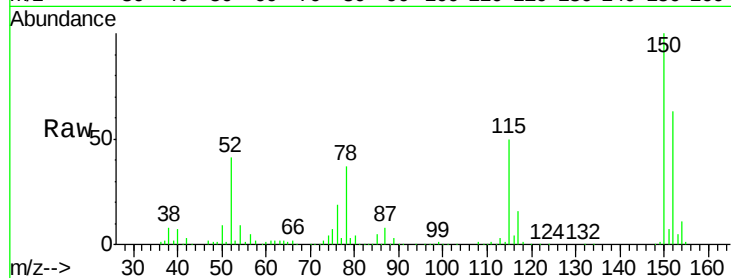
Tgt Ion: 79 Resp: 16275

Ion Ratio Lower Upper

79 100

108 28.0 68.4 102.6#

77 97.4 50.6 76.0#



#19

n-Nitroso-di-n-propylamine

Concen: 18.24 ng

RT: 8.40 min Scan# 596

Delta R.T. 0.15 min

Lab File: BF087475.D

Acq: 28 May 2016 9:28

Tgt Ion: 70 Resp: 118543

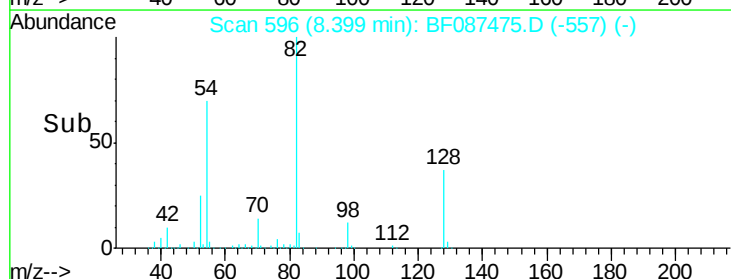
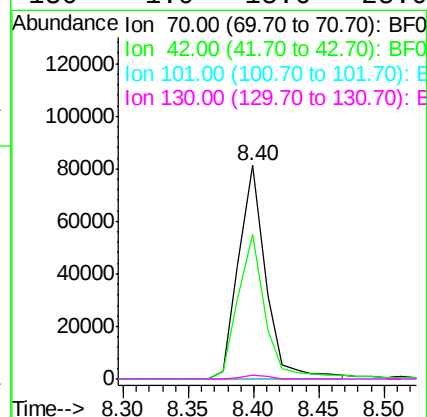
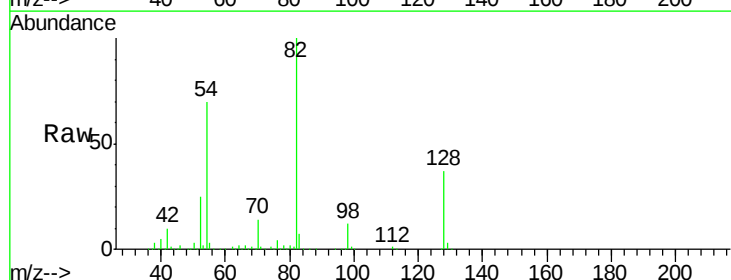
Ion Ratio Lower Upper

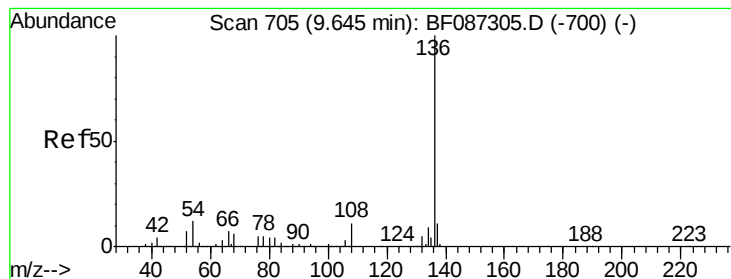
70 100

42 67.7 43.1 64.7#

101 0.0 8.1 12.1#

130 1.9 18.6 28.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.05 min

Lab File: BF087475.D

Acq: 28 May 2016 9:28

Instrument :

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ClientSampleId :

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Tgt Ion: 136 Resp: 449918

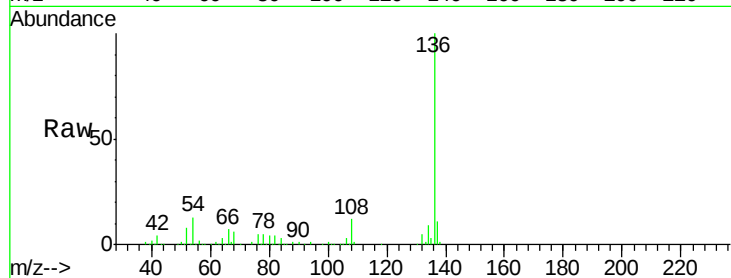
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 13.3 5.0 7.4#

68 6.1 4.4 6.6

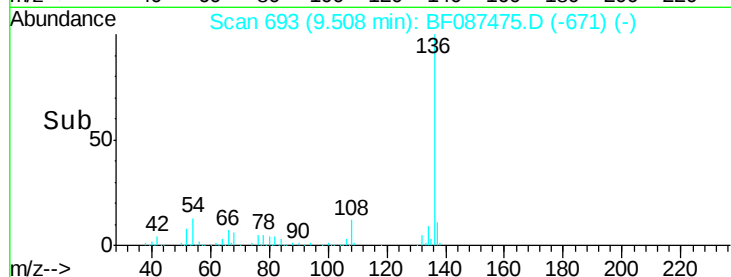


Abundance Ion 136.00 (135.70 to 136.70): E

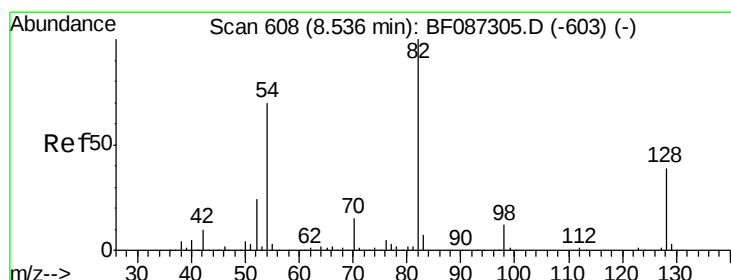
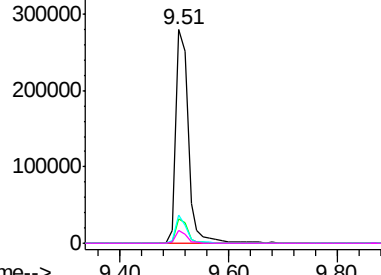
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 97.43 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.05 min

Lab File: BF087475.D

Acq: 28 May 2016 9:28

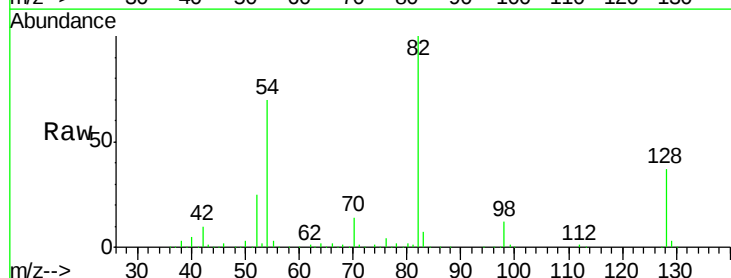
Tgt Ion: 82 Resp: 869765

Ion Ratio Lower Upper

82 100

128 37.4 40.6 61.0#

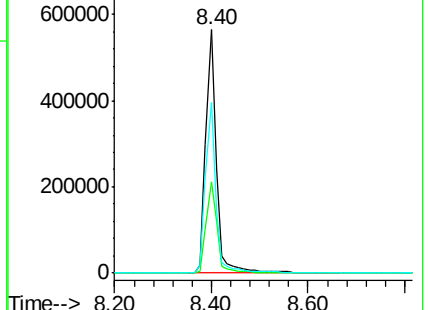
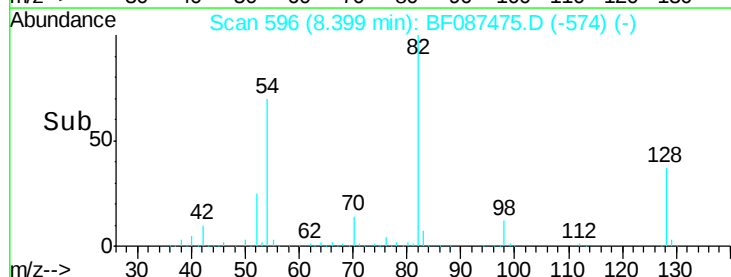
54 70.0 38.1 57.1#

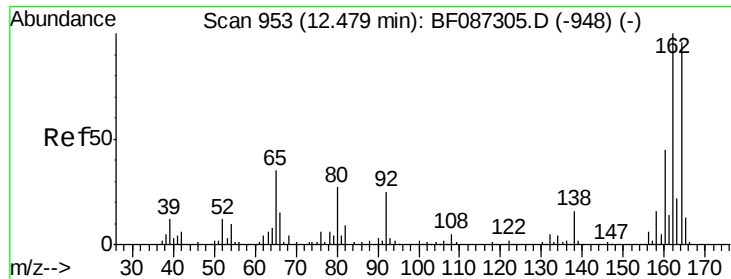


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.34 min Scan# 941

Delta R.T. -0.05 min

Lab File: BF087475.D

Acq: 28 May 2016 9:28

Instrument :

BNA_F

ClientSampleId :

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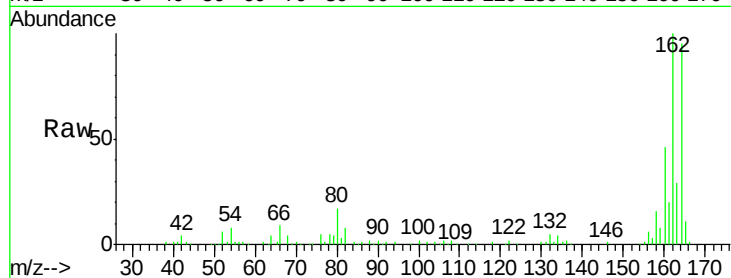
Tgt Ion:164 Resp: 192390

Ion Ratio Lower Upper

164 100

162 105.0 82.8 124.2

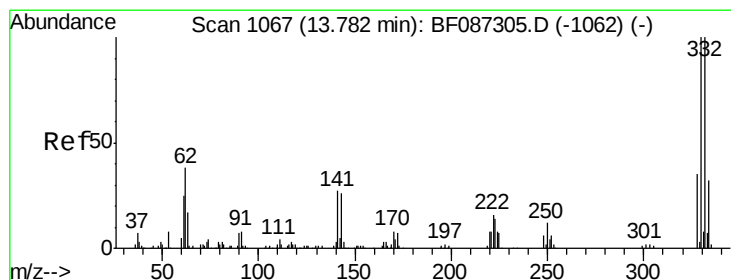
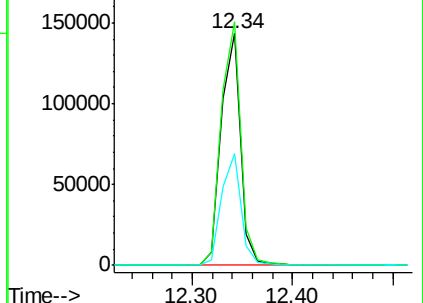
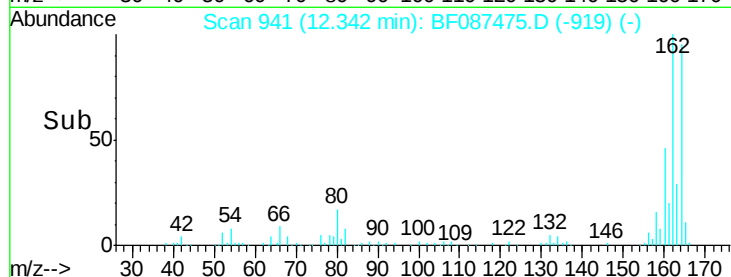
160 48.1 36.9 55.3



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: 126.41 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.05 min

Lab File: BF087475.D

Acq: 28 May 2016 9:28

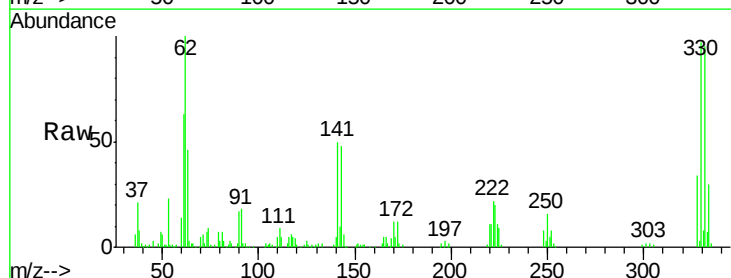
Tgt Ion:330 Resp: 233716

Ion Ratio Lower Upper

330 100

332 97.0 79.0 118.4

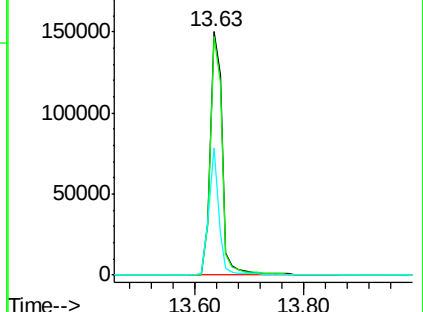
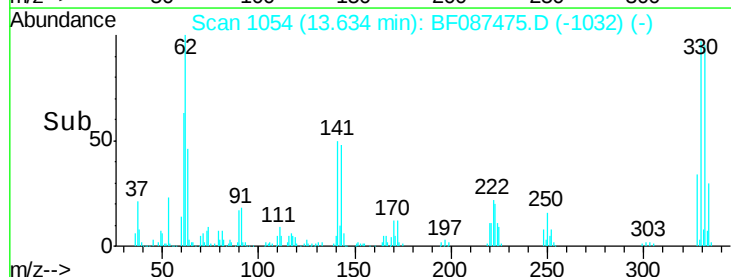
141 43.8 31.2 46.8

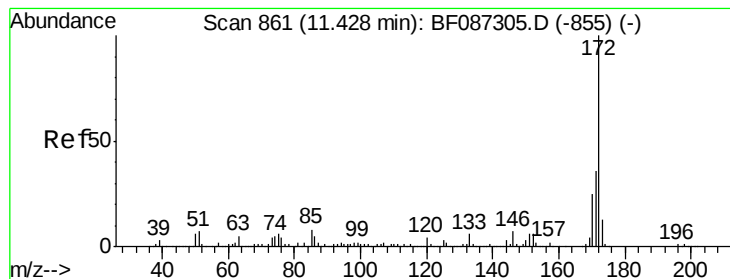


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 103.87 ng

RT: 11.30 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF087475.D

Acq: 28 May 2016 9:28

Instrument :

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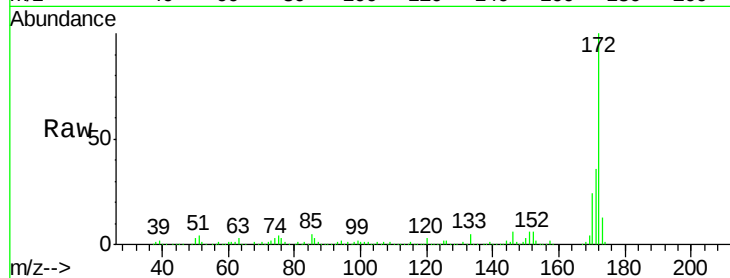
Tgt Ion:172 Resp: 1417443

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

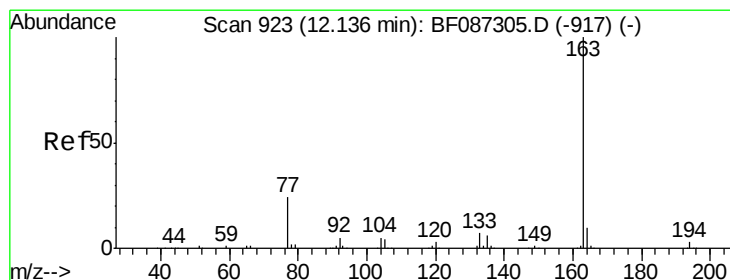
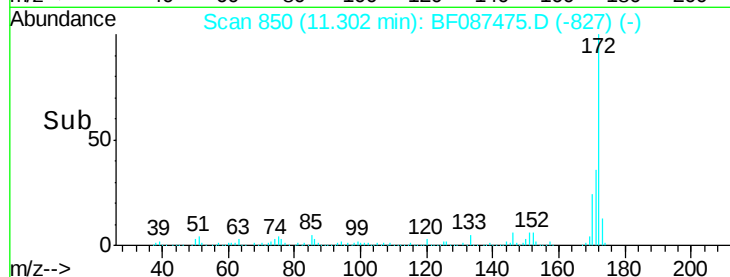
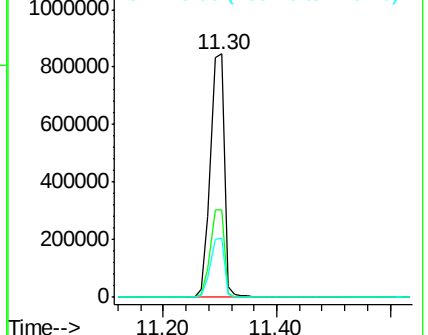
170 24.3 19.8 29.8



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: 13.07 ng

RT: 11.99 min Scan# 910

Delta R.T. -0.06 min

Lab File: BF087475.D

Acq: 28 May 2016 9:28

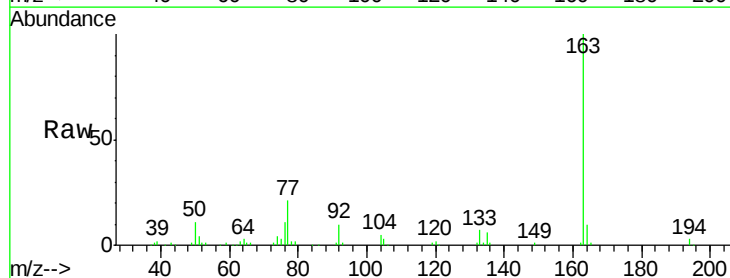
Tgt Ion:163 Resp: 201360

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

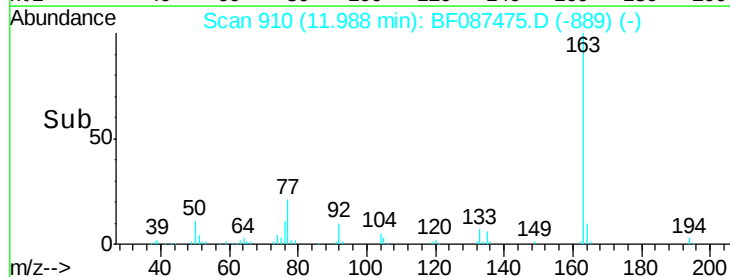
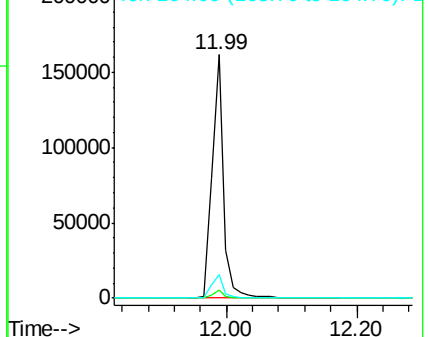
164 9.6 8.2 12.4

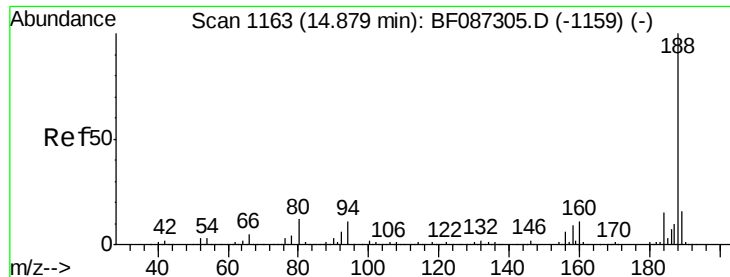


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

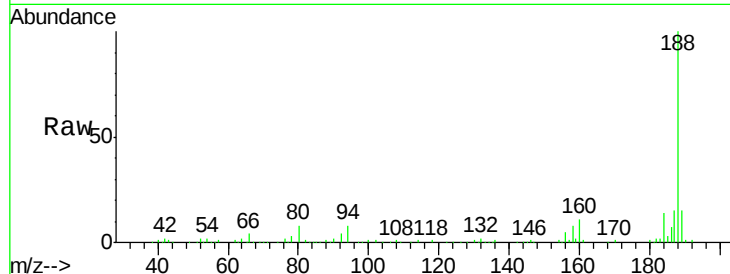




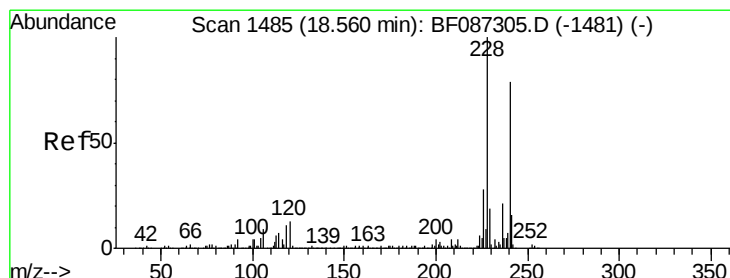
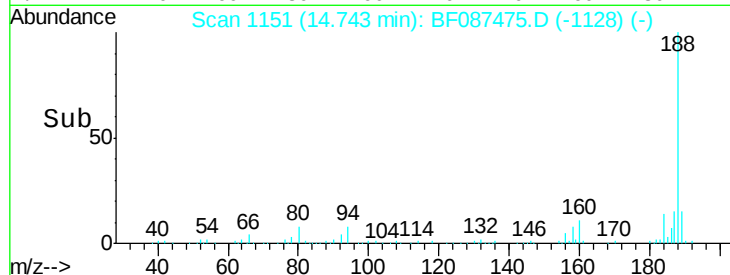
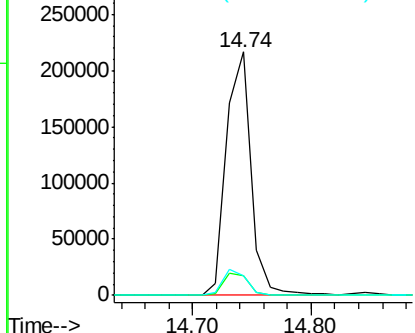
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087475.D
Acq: 28 May 2016 9:28

Instrument :
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Tgt Ion:188 Resp: 312020
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.1 7.1 10.7

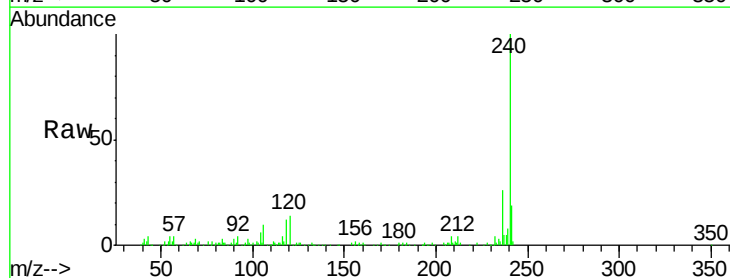


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

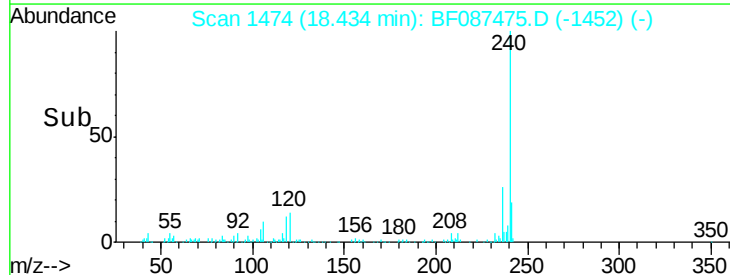
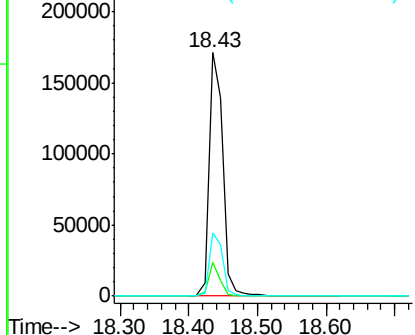


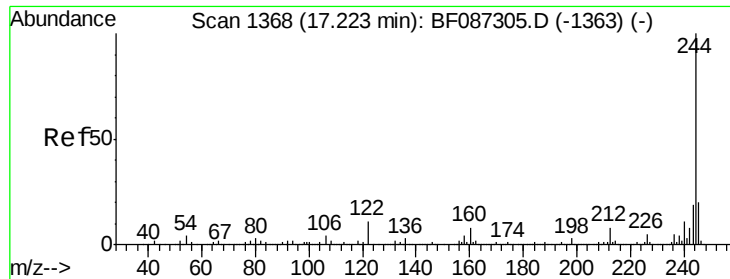
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.43 min Scan# 1474
Delta R.T. -0.05 min
Lab File: BF087475.D
Acq: 28 May 2016 9:28

Tgt Ion:240 Resp: 237835
Ion Ratio Lower Upper
240 100
120 13.7 11.2 16.8
236 25.9 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: 84.87 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.03 min

Lab File: BF087475.D

Acq: 28 May 2016 9:28

Instrument :

BNA_F

ClientSampleId :

B-2

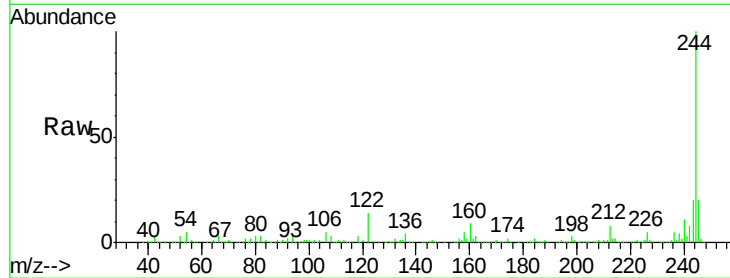
Tgt Ion:244 Resp: 949463

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

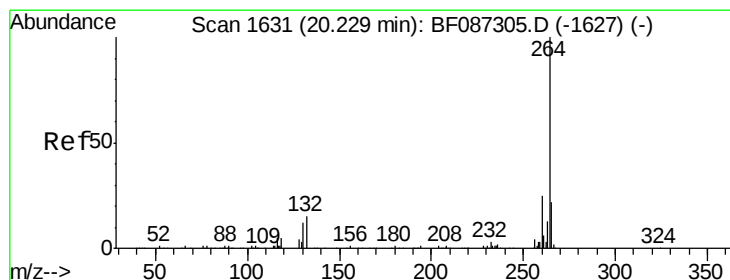
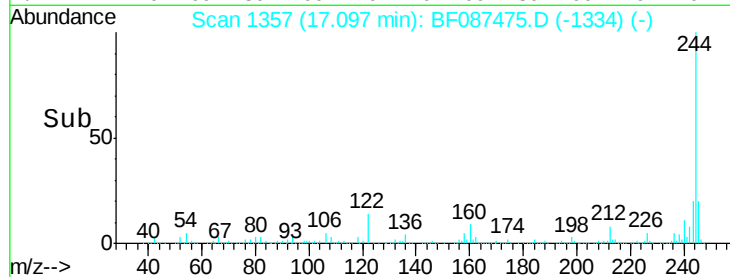
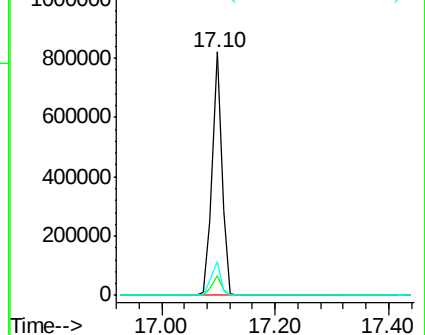
122 13.6 12.0 18.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.11 min Scan# 1621

Delta R.T. -0.02 min

Lab File: BF087475.D

Acq: 28 May 2016 9:28

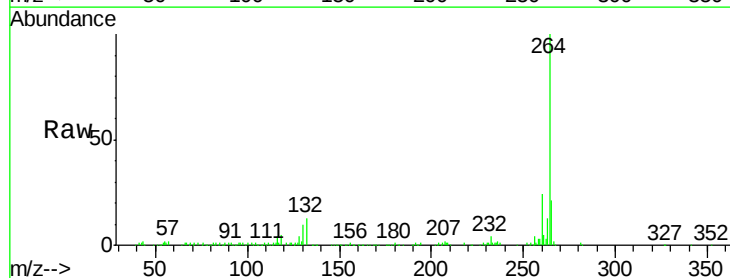
Tgt Ion:264 Resp: 173348

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 20.9 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

