

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
 Data File : BF087458.D
 Acq On : 27 May 2016 23:46
 Operator : UM/SJ
 Sample : H3291-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12B

Quant Time: May 28 00:34:34 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

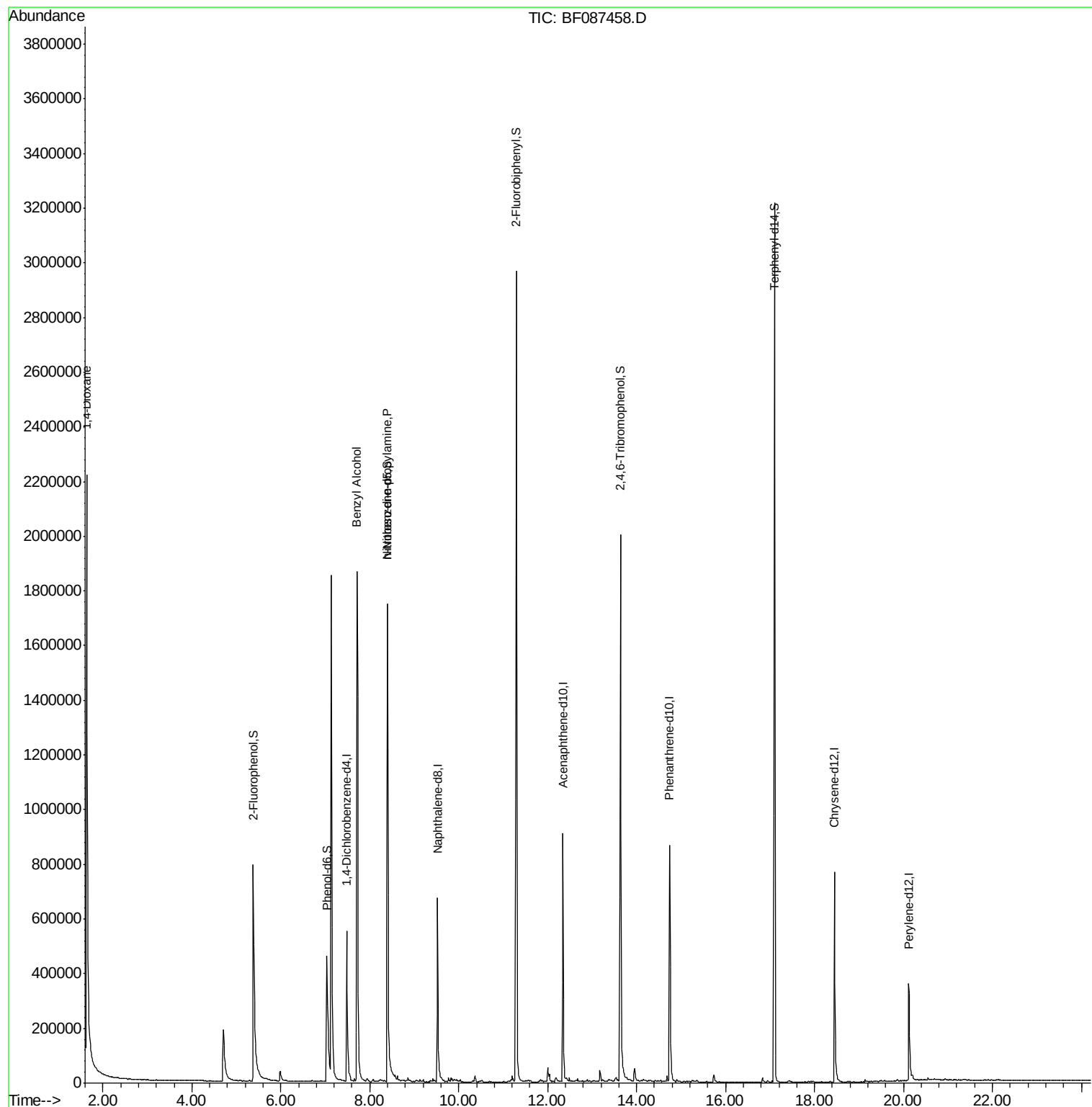
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	117594	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	478366	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	236751	20.00	ng	-0.05
63) Phenanthrene-d10	14.74	188	451552	20.00	ng	-0.03
75) Chrysene-d12	18.45	240	373342	20.00	ng	-0.03
86) Perylene-d12	20.13	264	262023	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	418736	62.57	ng	-0.03
7) Phenol-d6	7.04	99	374075	41.37	ng	-0.03
23) Nitrobenzene-d5	8.40	82	786710	82.88	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	304070	133.65	ng	-0.05
44) 2-Fluorobiphenyl	11.29	172	1413449	84.17	ng	-0.05
78) Terphenyl-d14	17.10	244	1433503	81.63	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.63	88	69117	19.57	ng	# 22
15) Benzyl Alcohol	7.71	79	13919	2.11	ng	# 46
19) n-Nitroso-di-n-propylamine	8.40	70	101606	15.07	ng	# 72

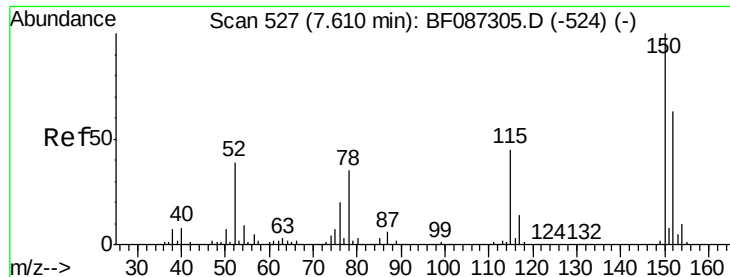
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087458.D

Acq: 27 May 2016 23:46

Instrument :

BNA_F

ClientSampleId :

MW-12B

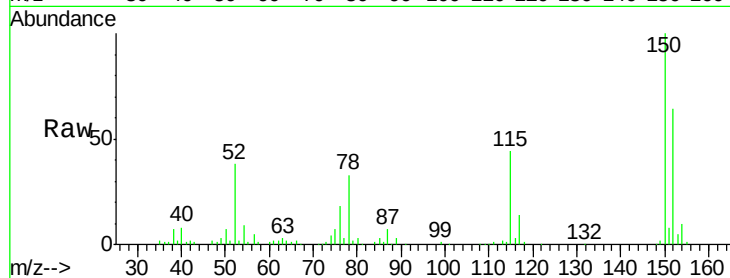
Tgt Ion:152 Resp: 117594

Ion Ratio Lower Upper

152 100

150 156.2 125.8 188.6

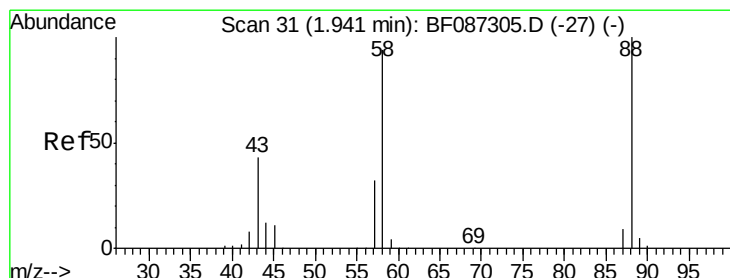
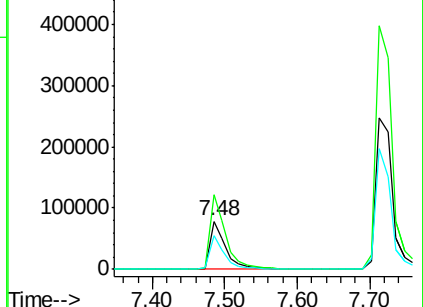
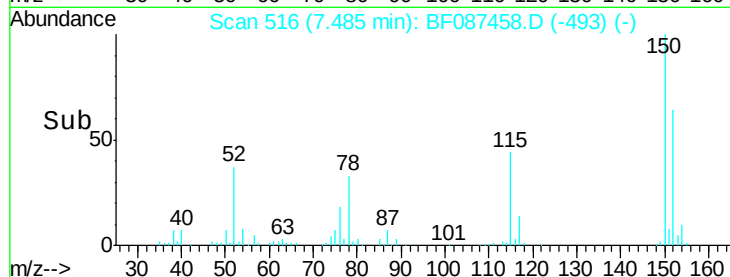
115 69.1 51.5 77.3



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



#2

1,4-Dioxane

Concen: 19.57 ng

RT: 1.63 min Scan# 4

Delta R.T. -0.18 min

Lab File: BF087458.D

Acq: 27 May 2016 23:46

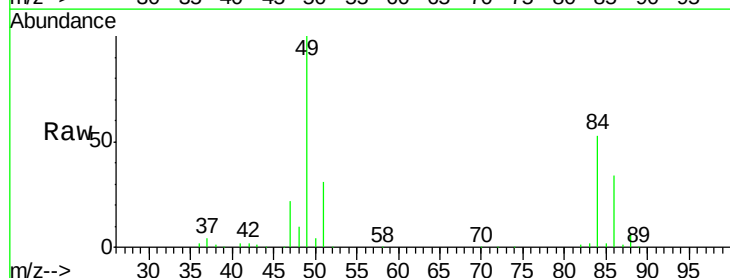
Tgt Ion: 88 Resp: 69117

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

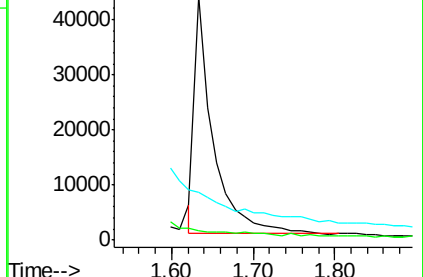
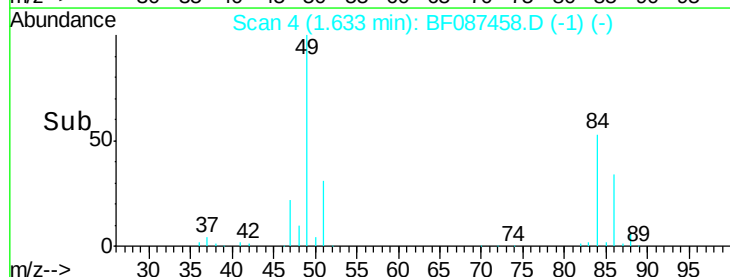
43 0.0 21.8 32.6#

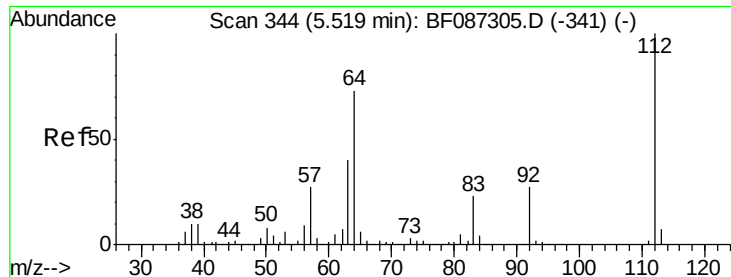


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 62.57 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.03 min

Lab File: BF087458.D

Acq: 27 May 2016 23:46

Instrument :

BNA_F

ClientSampled :

MW-12B

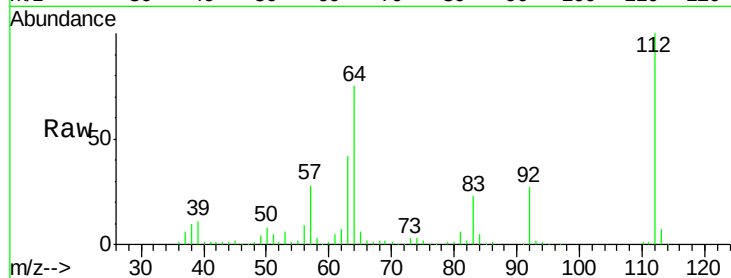
Tgt Ion: 112 Resp: 418736

Ion Ratio Lower Upper

112 100

64 74.6 52.1 78.1

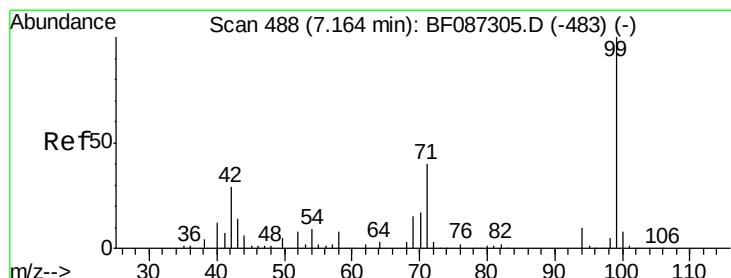
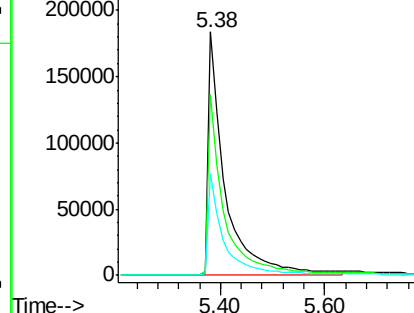
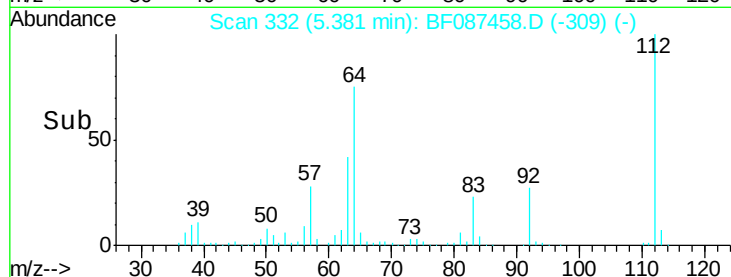
63 41.7 25.7 38.5#



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: 41.37 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF087458.D

Acq: 27 May 2016 23:46

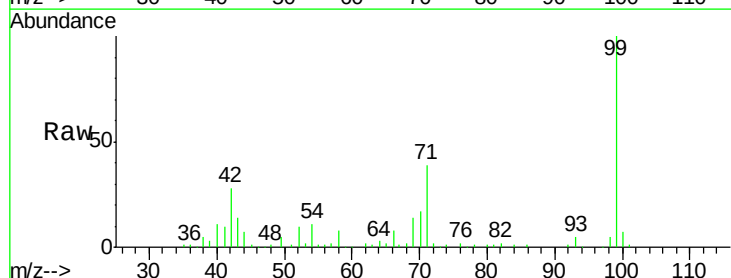
Tgt Ion: 99 Resp: 374075

Ion Ratio Lower Upper

99 100

42 28.3 13.6 20.4#

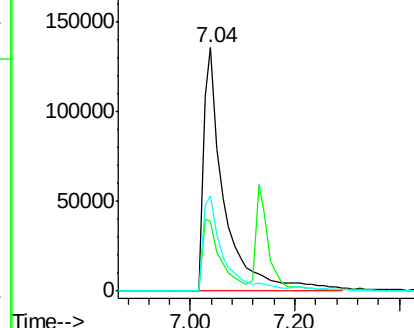
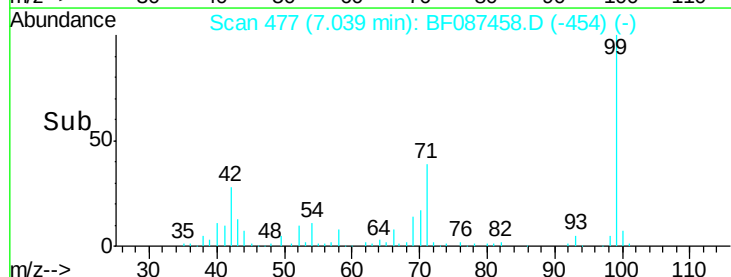
71 39.1 24.6 36.8#

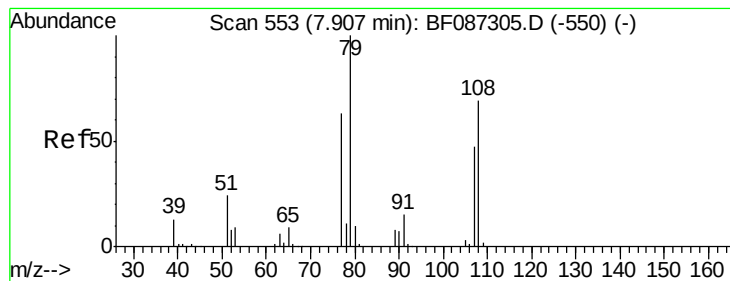


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.10 min

Lab File: BF087458.D

Acq: 27 May 2016 23:46

Instrument :

BNA_F

ClientSampleId :

MW-12B

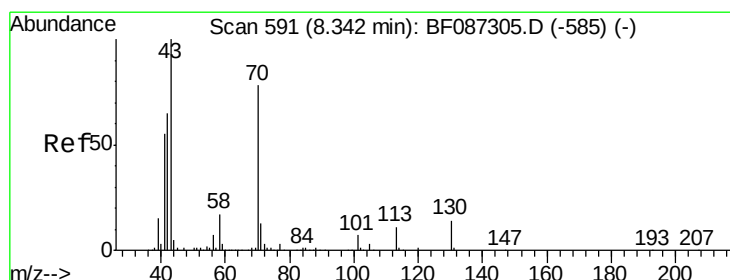
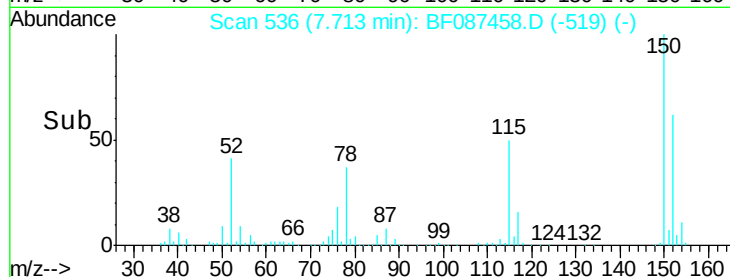
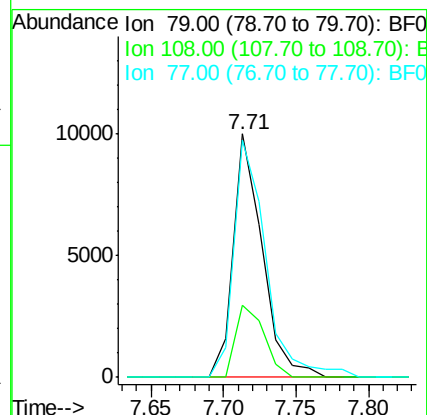
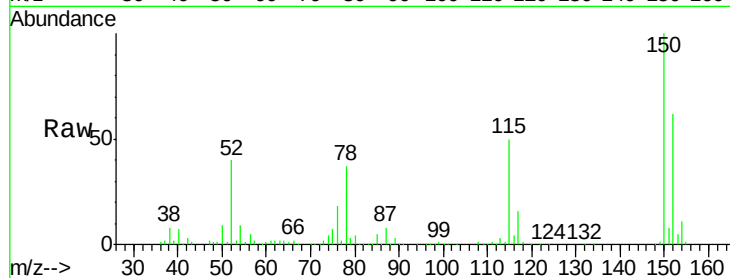
Tgt Ion: 79 Resp: 13919

Ion Ratio Lower Upper

79 100

108 29.5 68.4 102.6#

77 97.4 50.6 76.0#



#19

n-Nitroso-di-n-propylamine

Concen: 15.07 ng

RT: 8.40 min Scan# 596

Delta R.T. 0.15 min

Lab File: BF087458.D

Acq: 27 May 2016 23:46

Tgt Ion: 70 Resp: 101606

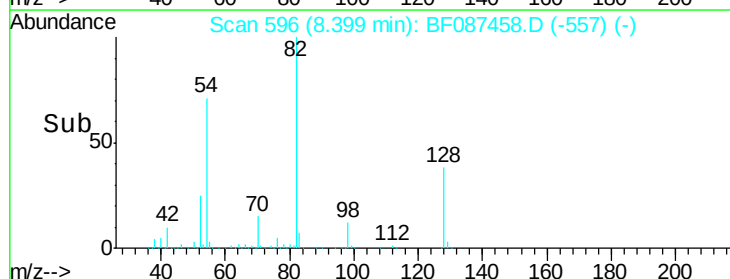
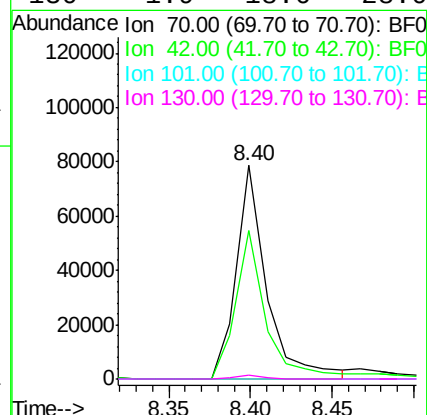
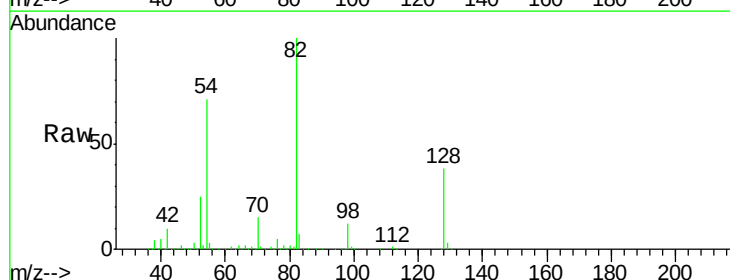
Ion Ratio Lower Upper

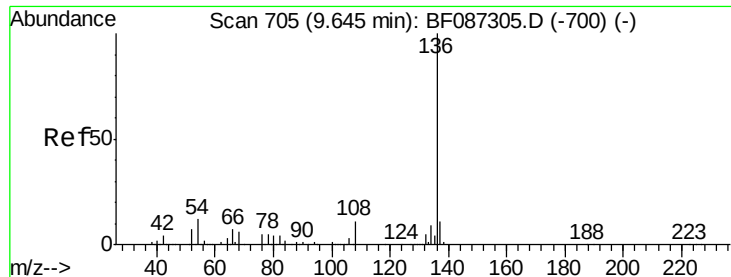
70 100

42 69.5 43.1 64.7#

101 0.0 8.1 12.1#

130 1.9 18.6 28.0#

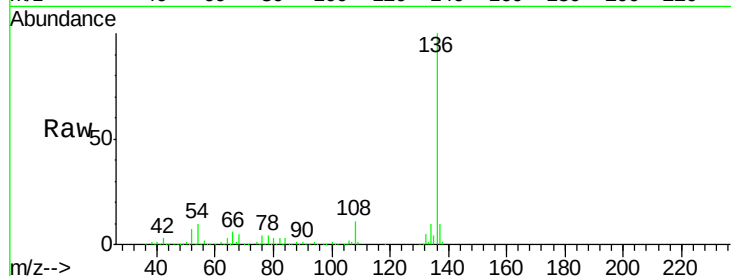




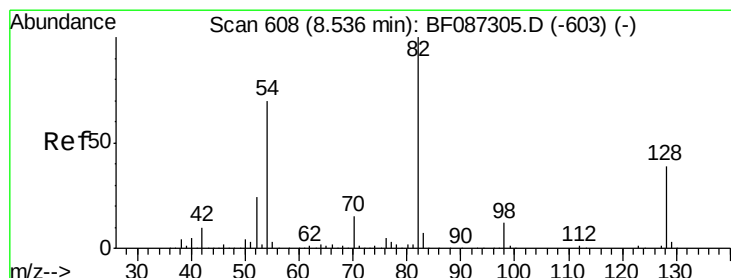
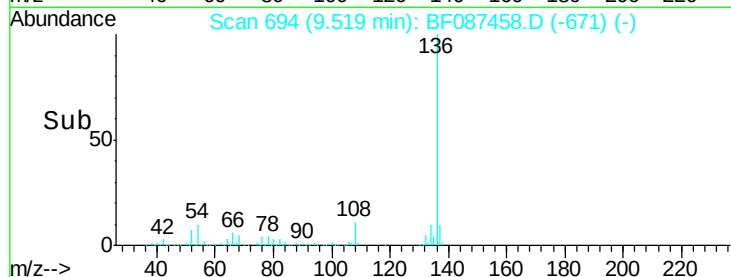
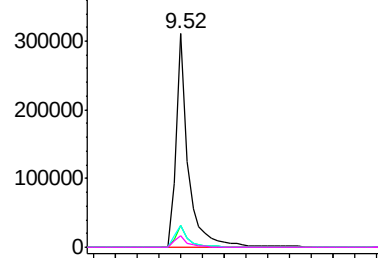
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF087458.D
Acq: 27 May 2016 23:46

Instrument :
BNA_F
ClientSampleId :
MW-12B

Tgt Ion:136 Resp: 478366
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 10.4 5.0 7.4#
68 5.2 4.4 6.6

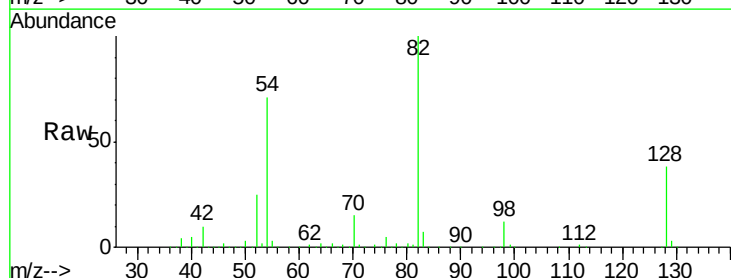


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

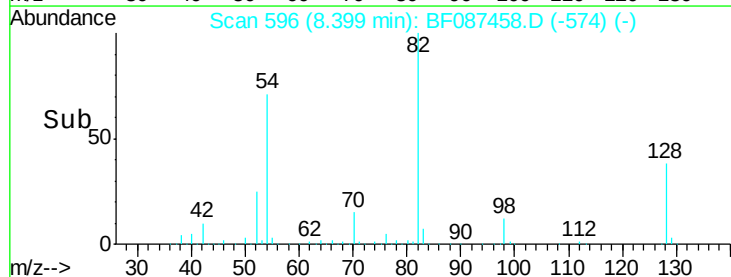
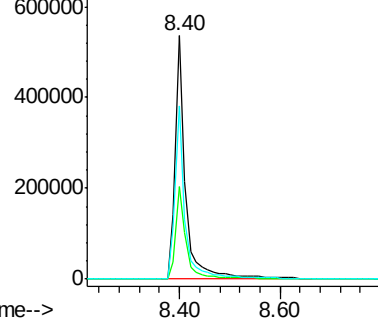


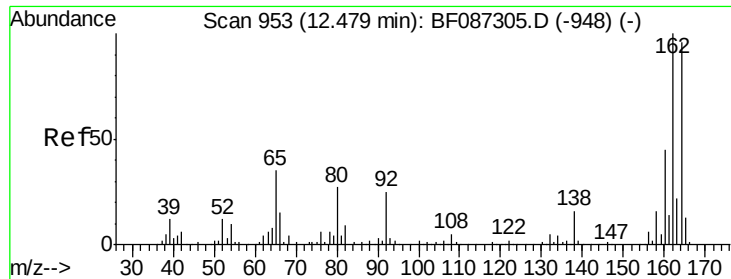
#23
Nitrobenzene-d5
Concen: 82.88 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.05 min
Lab File: BF087458.D
Acq: 27 May 2016 23:46

Tgt Ion: 82 Resp: 786710
Ion Ratio Lower Upper
82 100
128 37.8 40.6 61.0#
54 71.3 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

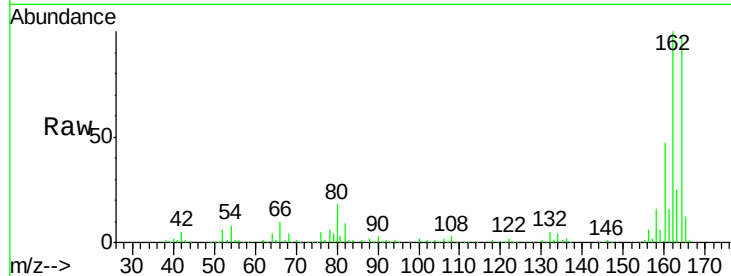




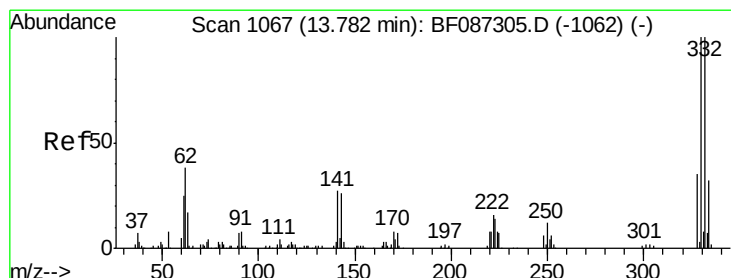
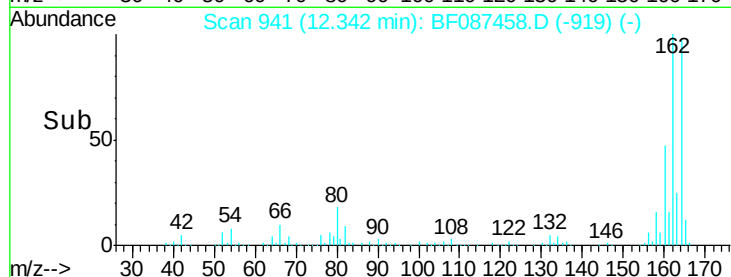
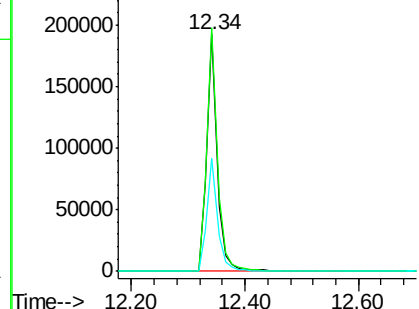
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.34 min Scan# 941
 Delta R.T. -0.05 min
 Lab File: BF087458.D
 Acq: 27 May 2016 23:46

Instrument :
 BNA_F
 ClientSampleId :
 MW-12B

Tgt Ion:164 Resp: 236751
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.8 124.2
 160 47.9 36.9 55.3

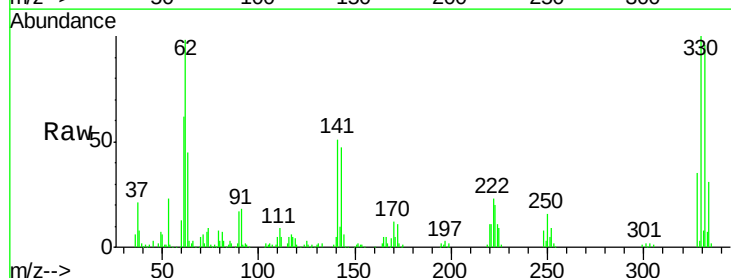


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

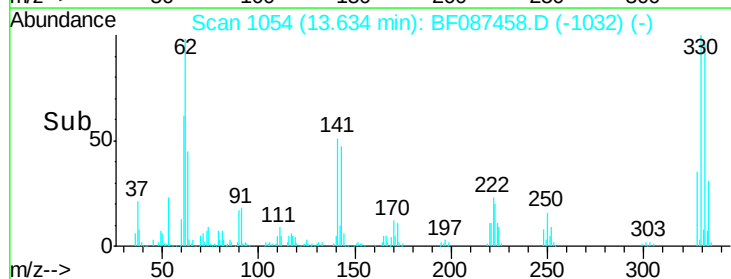
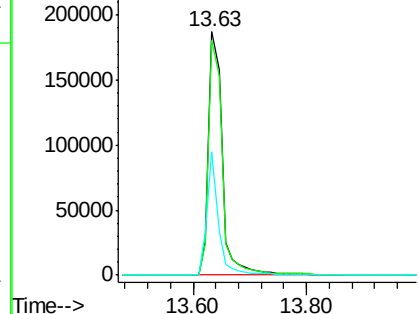


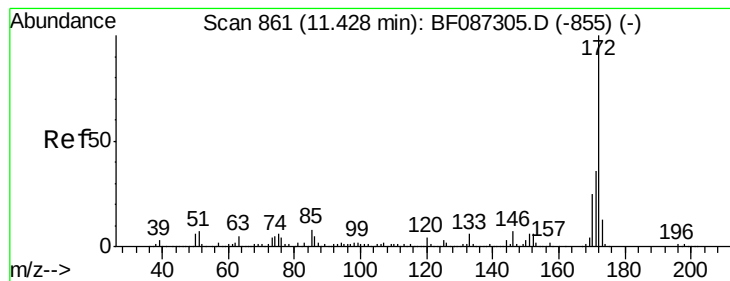
#41
 2,4,6-Tribromophenol
 Concen: 133.65 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.05 min
 Lab File: BF087458.D
 Acq: 27 May 2016 23:46

Tgt Ion:330 Resp: 304070
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.0 118.4
 141 42.6 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: 84.17 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.05 min

Lab File: BF087458.D

Acq: 27 May 2016 23:46

Instrument :

BNA_F

ClientSampleId :

MW-12B

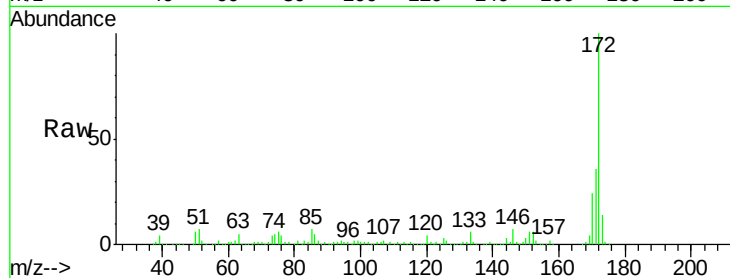
Tgt Ion:172 Resp: 1413449

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

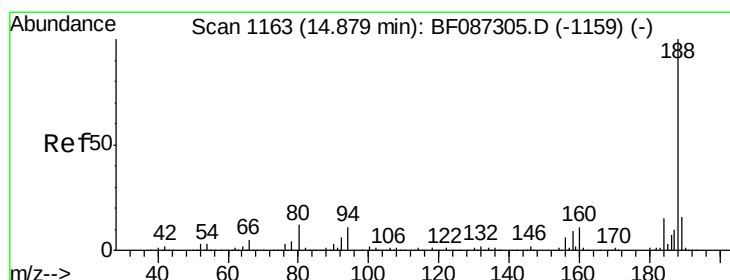
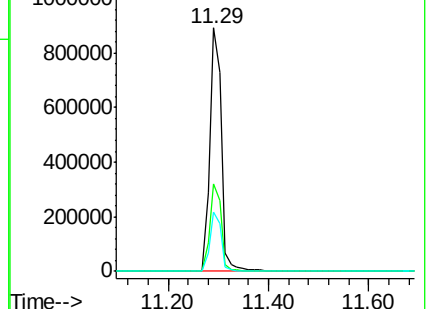
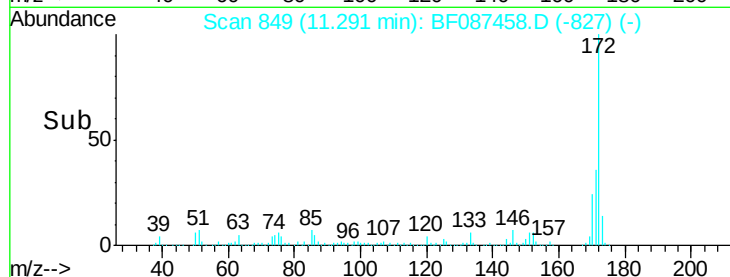
170 24.3 19.8 29.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BF087458.D

Acq: 27 May 2016 23:46

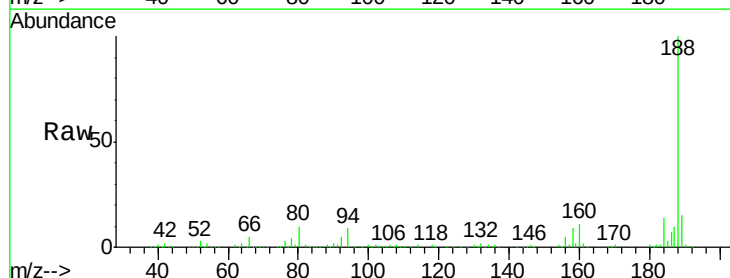
Tgt Ion:188 Resp: 451552

Ion Ratio Lower Upper

188 100

94 9.3 6.8 10.2

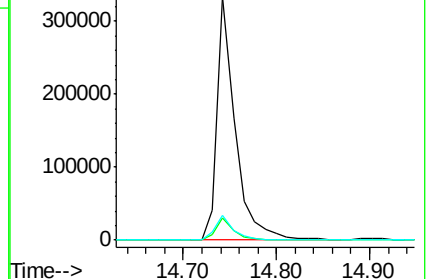
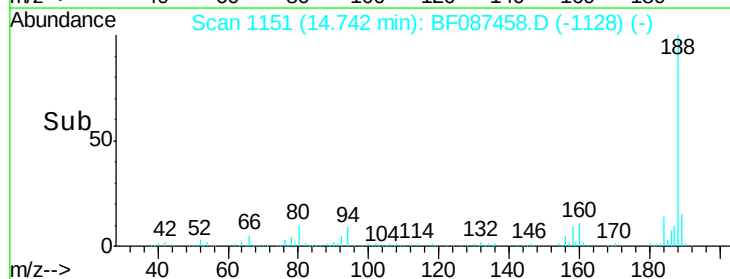
80 10.2 7.1 10.7

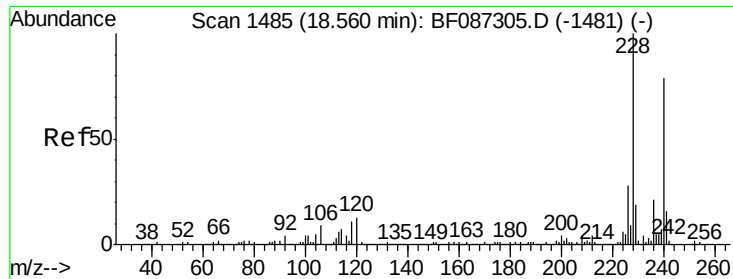


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

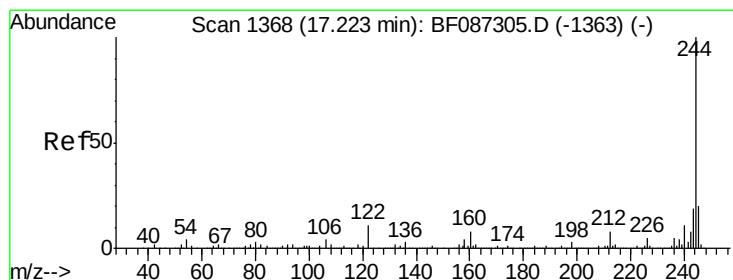
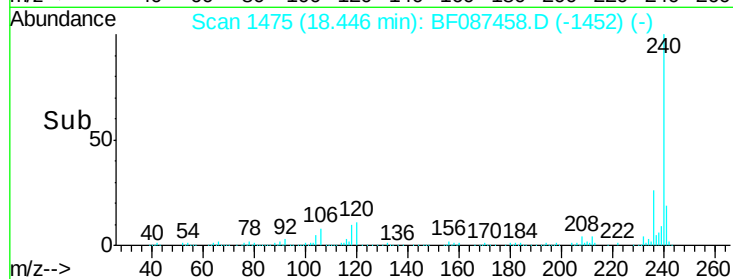
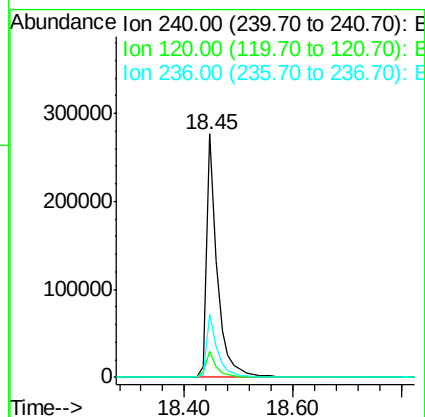
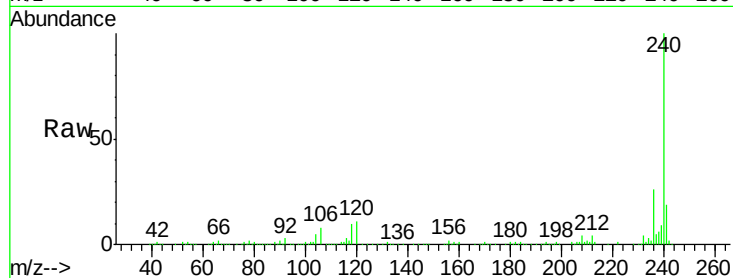




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. -0.03 min
 Lab File: BF087458.D
 Acq: 27 May 2016 23:46

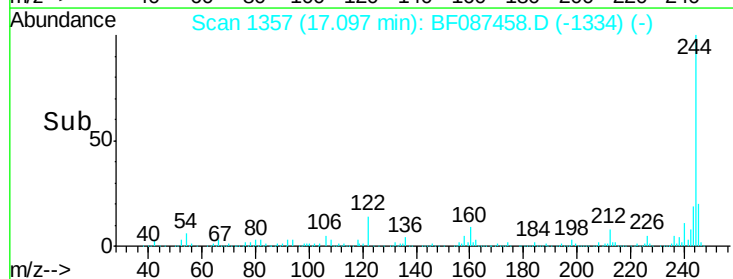
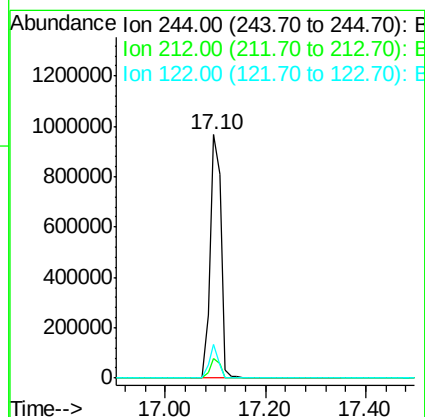
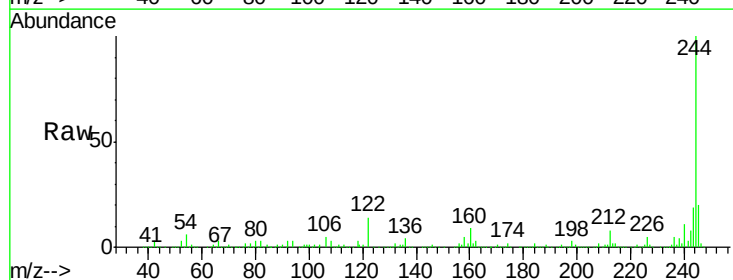
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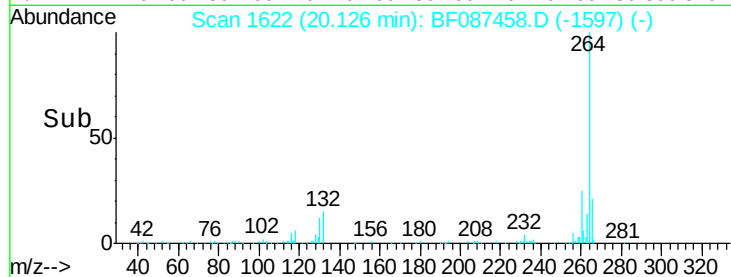
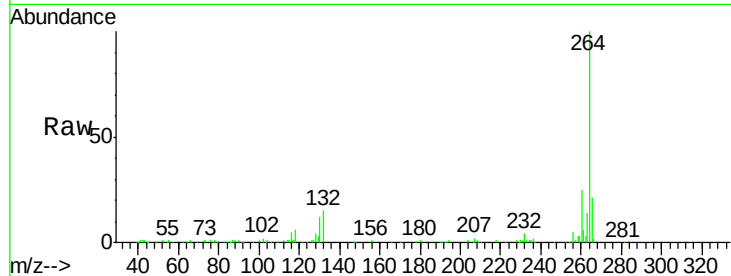
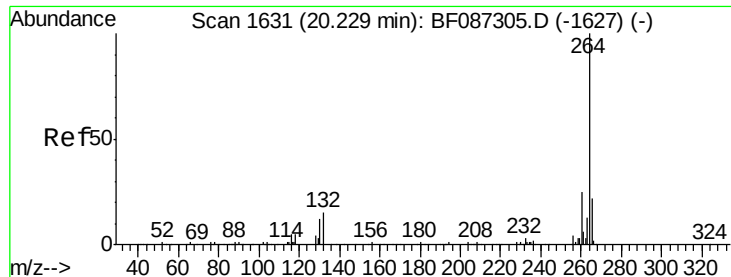
Tgt Ion:240 Resp: 373342
 Ion Ratio Lower Upper
 240 100
 120 10.9 11.2 16.8#
 236 26.0 21.2 31.8



#78
 Terphenyl-d14
 Concen: 81.63 ng
 RT: 17.10 min Scan# 1357
 Delta R.T. -0.03 min
 Lab File: BF087458.D
 Acq: 27 May 2016 23:46

Tgt Ion:244 Resp: 1433503
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 13.9 12.0 18.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 20.13 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF087458.D

Acq: 27 May 2016 23:46

Instrument :

BNA_F

ClientSampleId :

MW-12B

Tgt Ion: 264 Resp: 262023

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

265 21.1 17.3 25.9

