

Data Path : Z:\HPCHEM1\BNA F\Data\BF052516\
 Data File : BF087405.D
 Acq On : 26 May 2016 10:27
 Operator : UM/SJ
 Sample : H3240-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 15:48:22 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

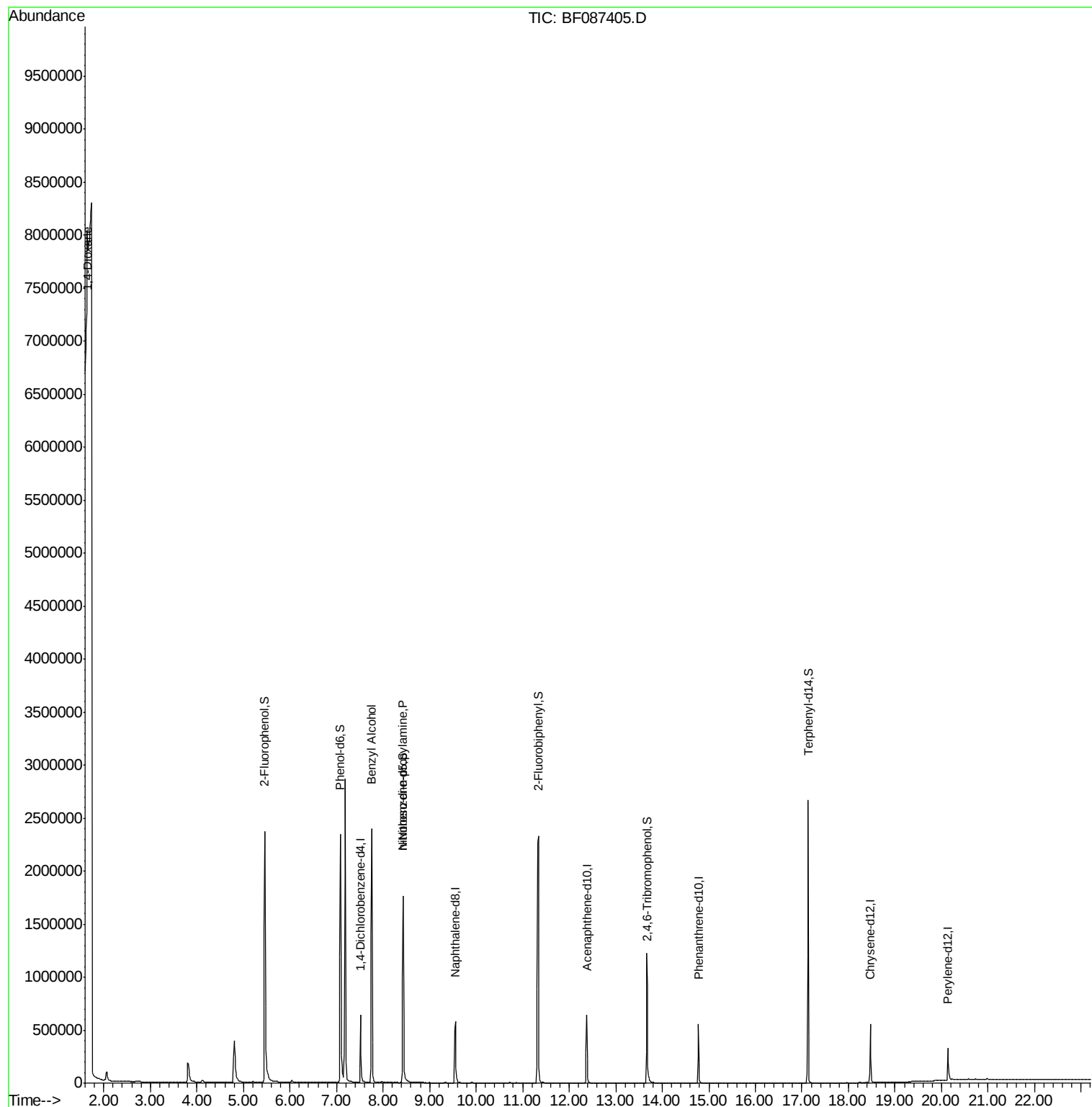
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	109565	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	430981	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	173222	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	275986	20.00	ng	0.00
75) Chrysene-d12	18.47	240	239233	20.00	ng	-0.01
86) Perylene-d12	20.14	264	157857	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	906006	145.30	ng	0.05
7) Phenol-d6	7.08	99	1034351	122.77	ng	0.01
23) Nitrobenzene-d5	8.43	82	803088	93.91	ng	-0.01
41) 2,4,6-Tribromophenol	13.68	330	199958	120.12	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1295294	105.42	ng	0.00
78) Terphenyl-d14	17.13	244	945810	84.05	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.64	88	30614	9.30	ng	# 22
15) Benzyl Alcohol	7.76	79	15439	2.51	ng	# 43
19) n-Nitroso-di-n-propylamine	8.43	70	110585	17.60	ng	# 74

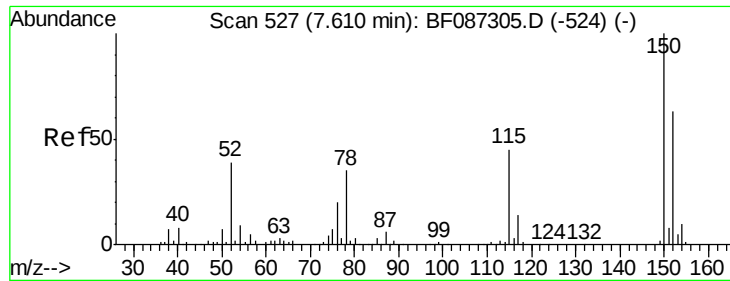
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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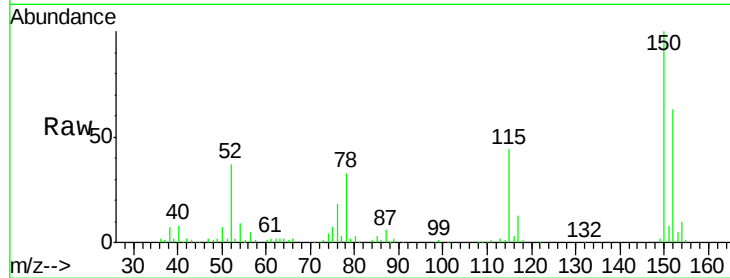


#1

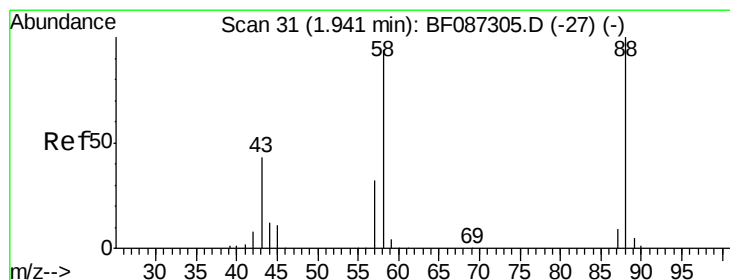
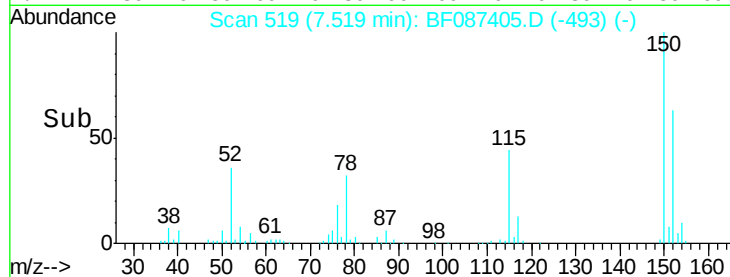
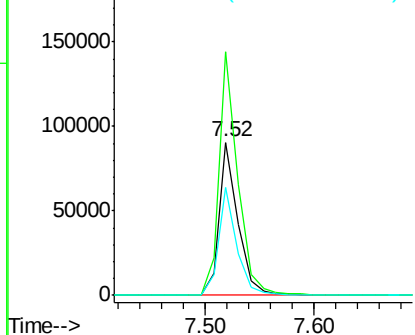
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF087405.D
Acq: 26 May 2016 10:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 109565
Ion Ratio Lower Upper
152 100
150 159.0 125.8 188.6
115 70.4 51.5 77.3



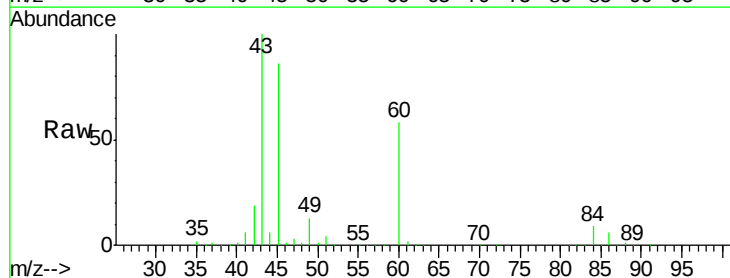
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



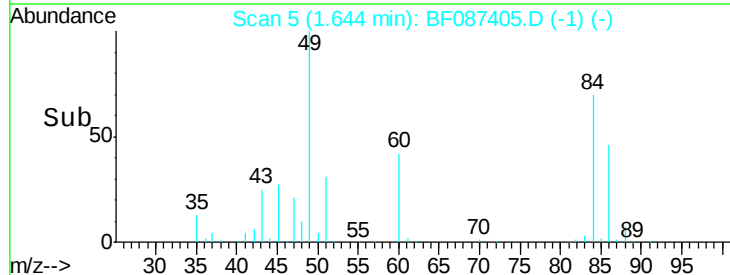
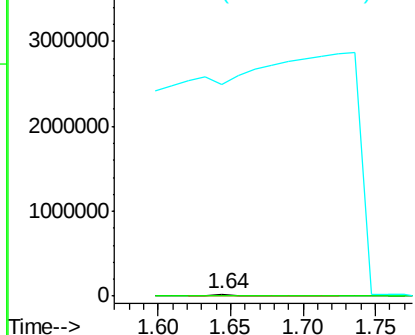
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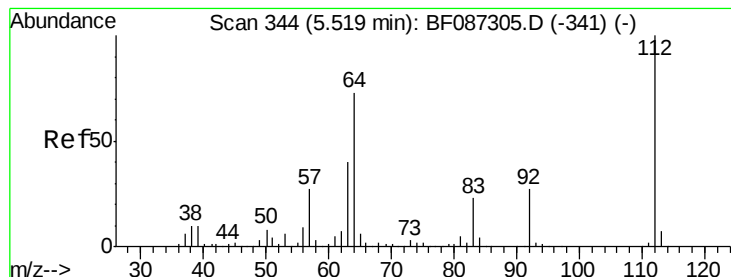
1,4-Dioxane
Concen: 9.30 ng
RT: 1.64 min Scan# 5
Delta R.T. -0.17 min
Lab File: BF087405.D
Acq: 26 May 2016 10:27

Tgt Ion: 88 Resp: 30614
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

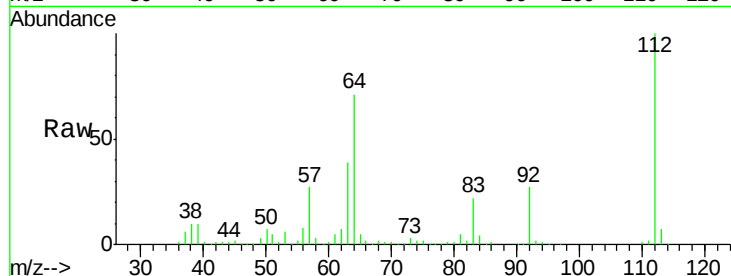




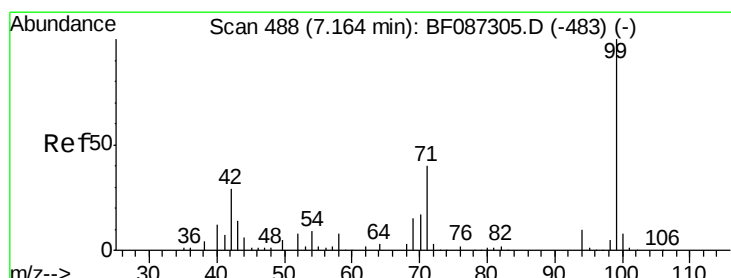
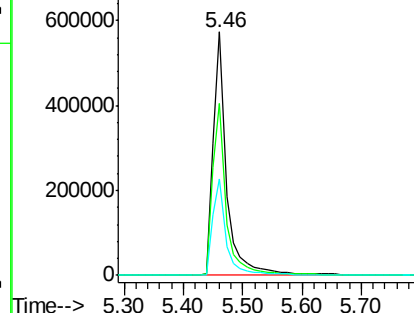
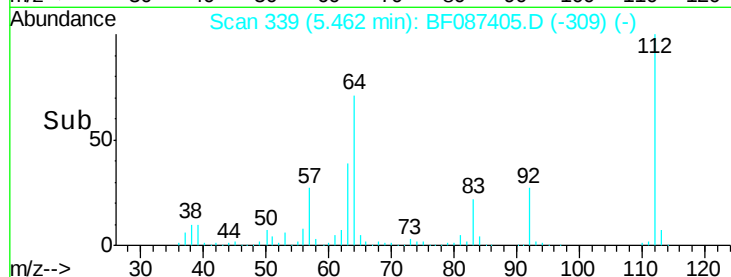
#5
 2-Fluorophenol
 Concen: 145.30 ng
 RT: 5.46 min Scan# 339
 Delta R.T. 0.05 min
 Lab File: BF087405.D
 Acq: 26 May 2016 10:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:112 Resp: 906006
 Ion Ratio Lower Upper
 112 100
 64 70.5 52.1 78.1
 63 39.4 25.7 38.5#

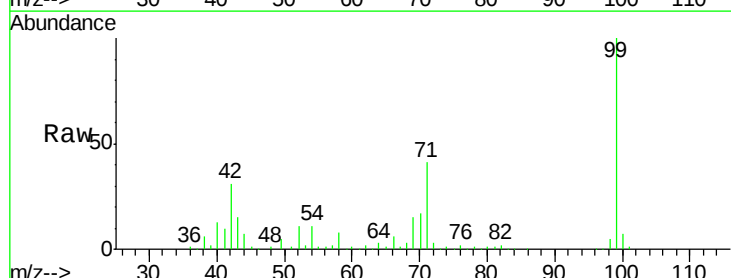


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

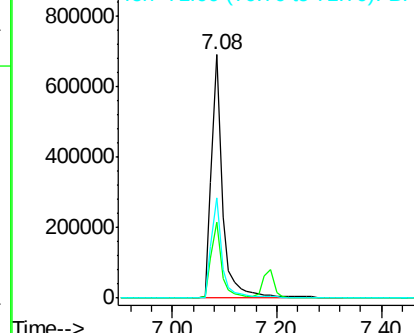
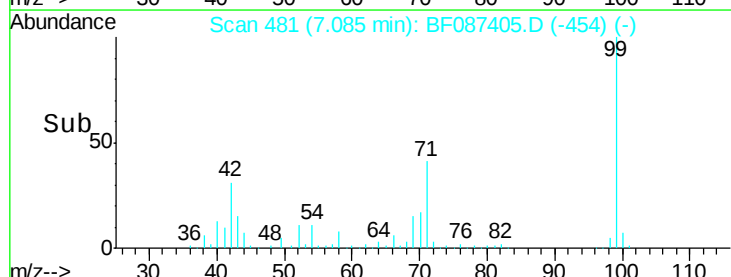


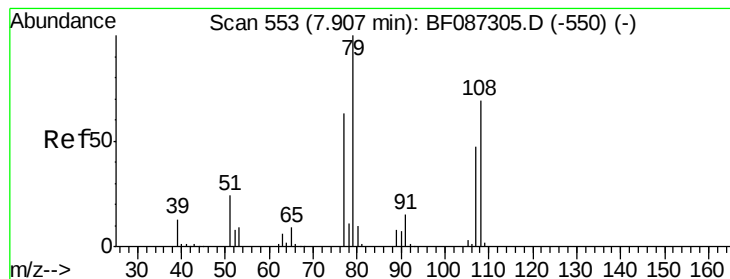
#7
 Phenol-d6
 Concen: 122.77 ng
 RT: 7.08 min Scan# 481
 Delta R.T. 0.01 min
 Lab File: BF087405.D
 Acq: 26 May 2016 10:27

Tgt Ion: 99 Resp: 1034351
 Ion Ratio Lower Upper
 99 100
 42 31.0 13.6 20.4#
 71 41.1 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: 2.51 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.06 min

Lab File: BF087405.D

Acq: 26 May 2016 10:27

Instrument :

BNA_F

ClientSampleId :

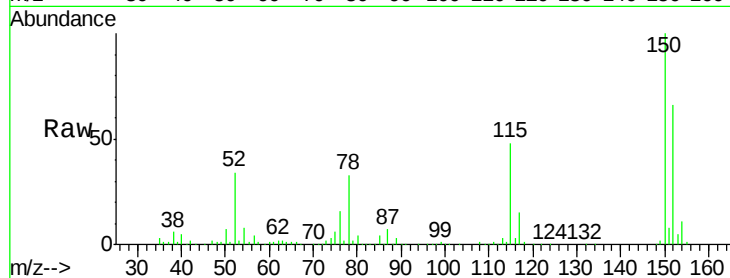
Tot Ion: 79 Resp: 15439

Ion Ratio Lower Upper

79 100

108 31.6 68.4 102.6#

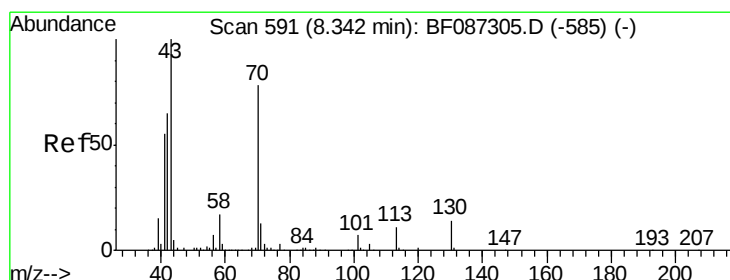
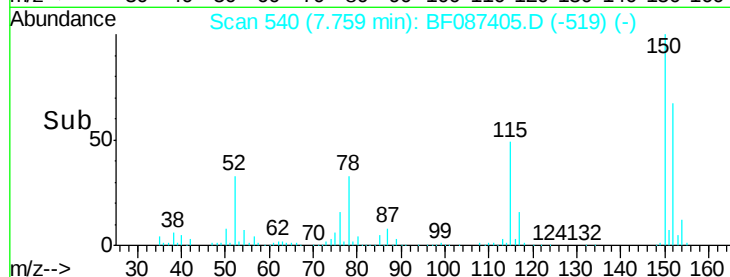
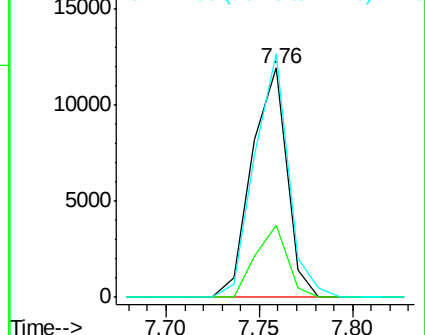
77 106.2 50.6 76.0#



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: 17.60 ng

RT: 8.43 min Scan# 599

Delta R.T. 0.18 min

Lab File: BF087405.D

Acq: 26 May 2016 10:27

Tgt Ion: 70 Resp: 110585

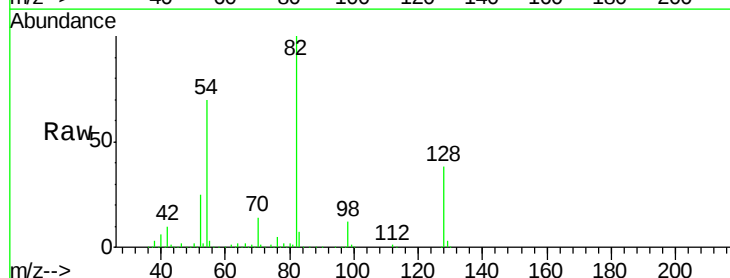
Ion Ratio Lower Upper

70 100

42 67.2 43.1 64.7#

101 0.0 8.1 12.1#

130 1.9 18.6 28.0#

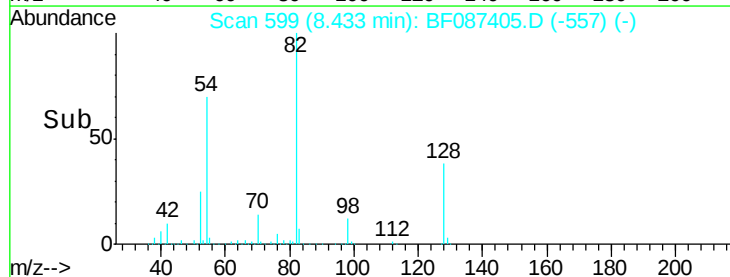
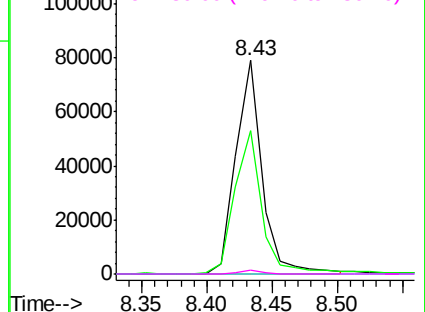


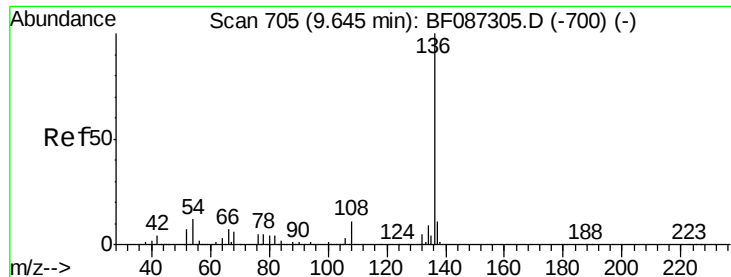
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF087405.D

Acq: 26 May 2016 10:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 430981

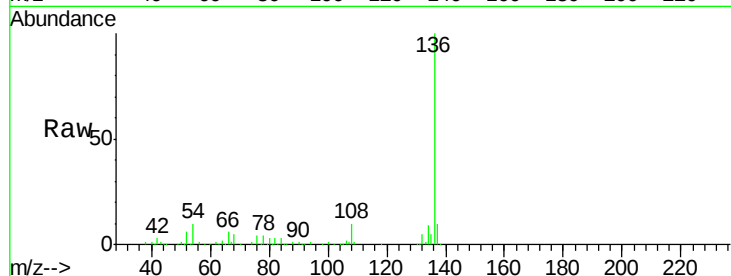
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 9.8 5.0 7.4#

68 4.9 4.4 6.6

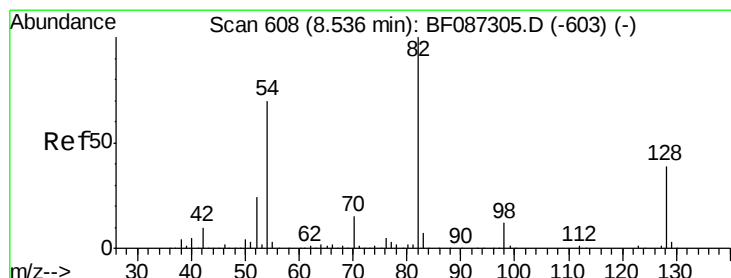
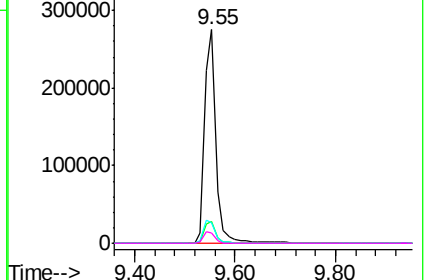
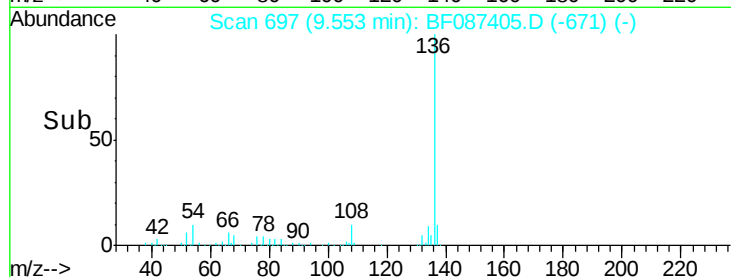


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.91 ng

RT: 8.43 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF087405.D

Acq: 26 May 2016 10:27

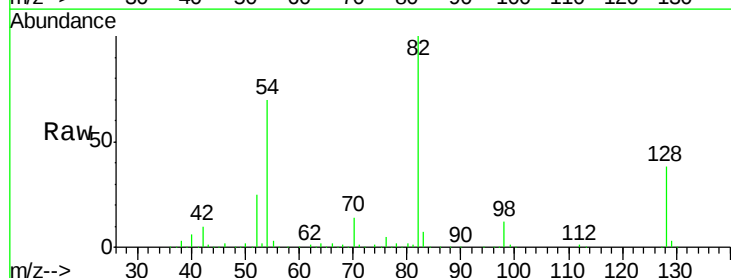
Tgt Ion: 82 Resp: 803088

Ion Ratio Lower Upper

82 100

128 38.2 40.6 61.0#

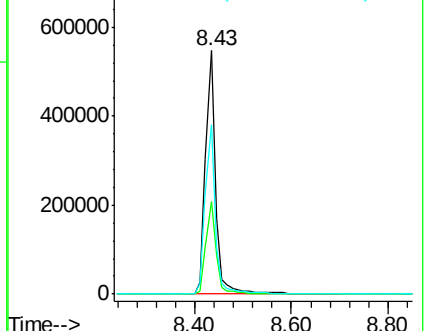
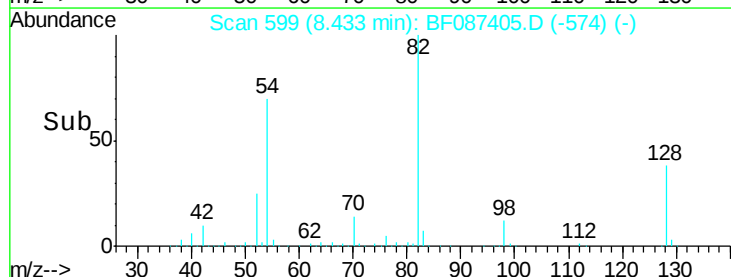
54 69.7 38.1 57.1#

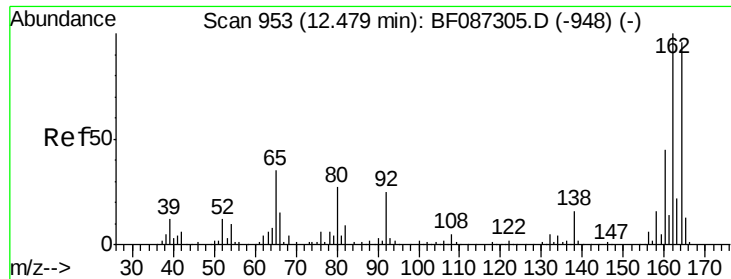


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

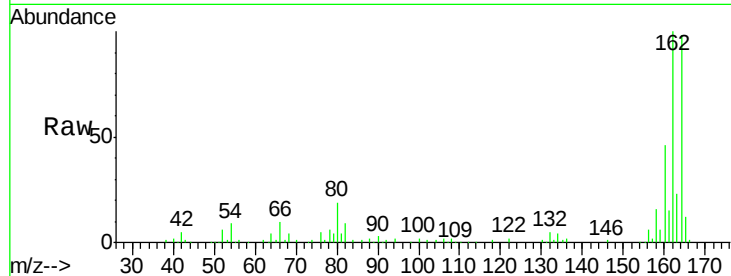




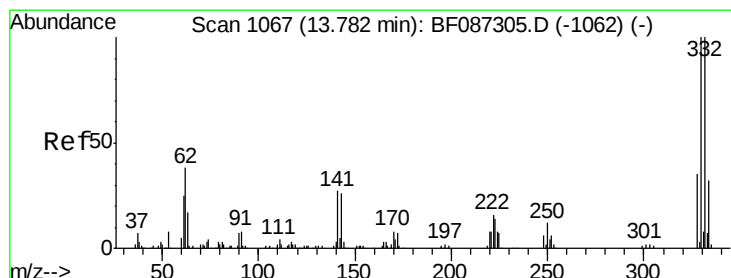
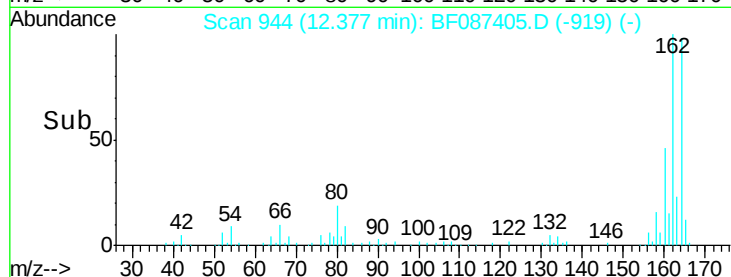
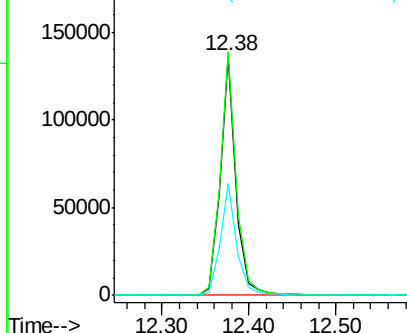
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.38 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF087405.D
Acq: 26 May 2016 10:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 173222
Ion Ratio Lower Upper
164 100
162 102.0 82.8 124.2
160 46.7 36.9 55.3

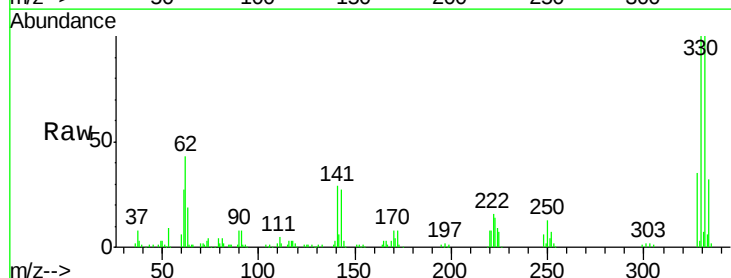


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

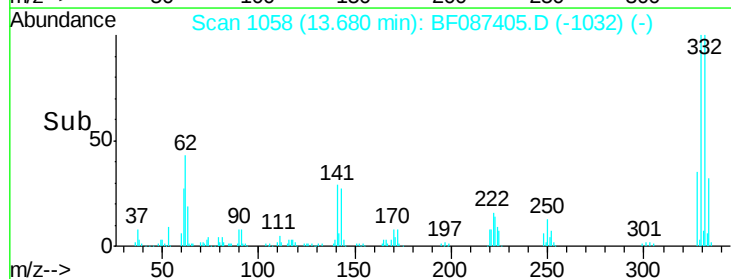
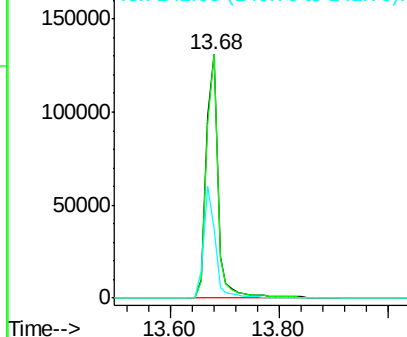


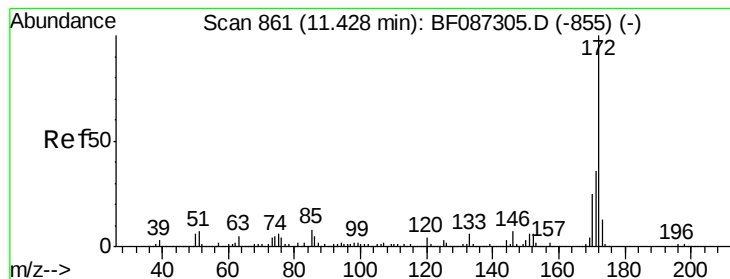
#41
2,4,6-Tribromophenol
Concen: 120.12 ng
RT: 13.68 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF087405.D
Acq: 26 May 2016 10:27

Tgt Ion:330 Resp: 199958
Ion Ratio Lower Upper
330 100
332 98.3 79.0 118.4
141 44.6 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

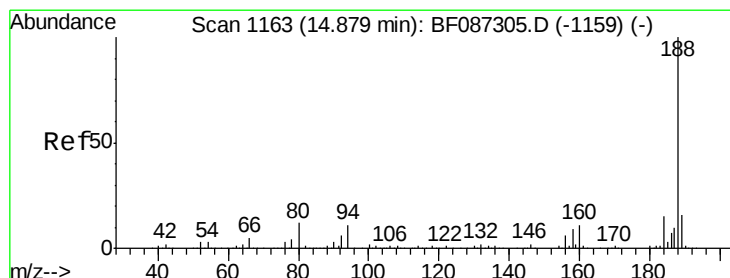
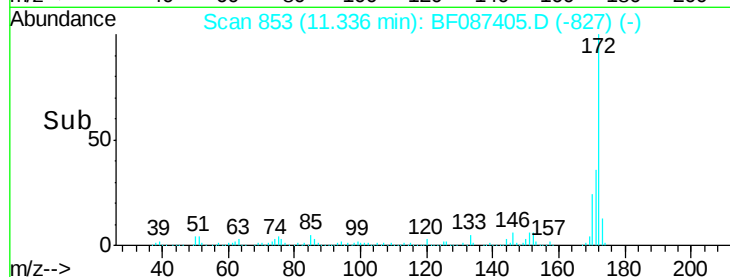
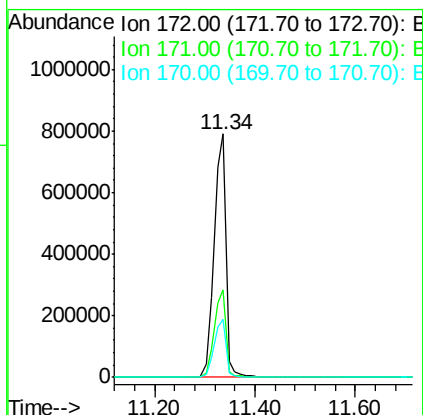
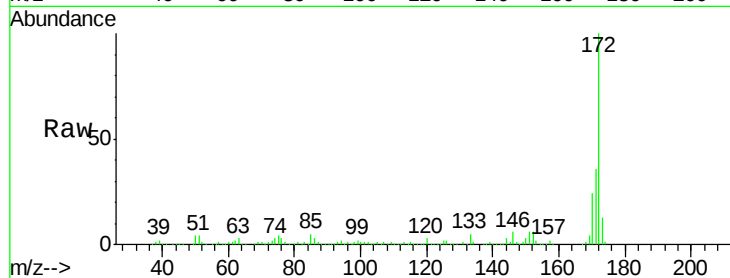




#44
2-Fluorobiphenyl
Concen: 105.42 ng
RT: 11.34 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF087405.D
Acq: 26 May 2016 10:27

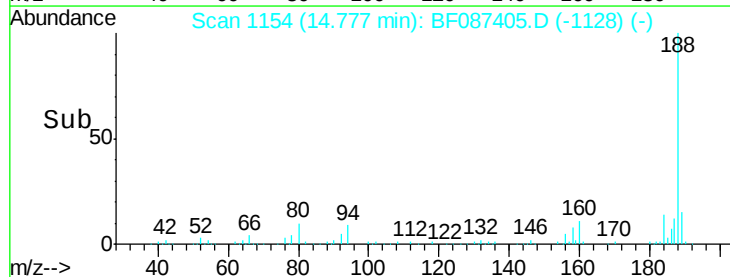
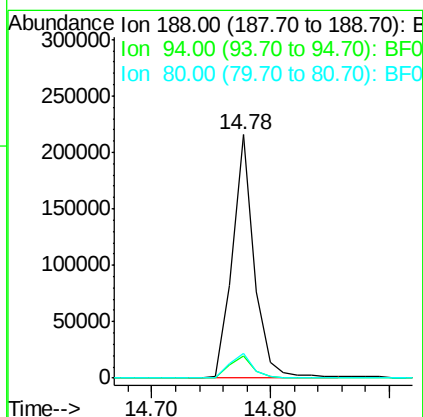
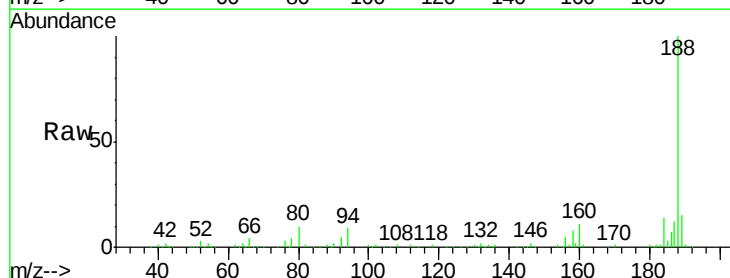
Instrument :
BNA_F
ClientSampleId :

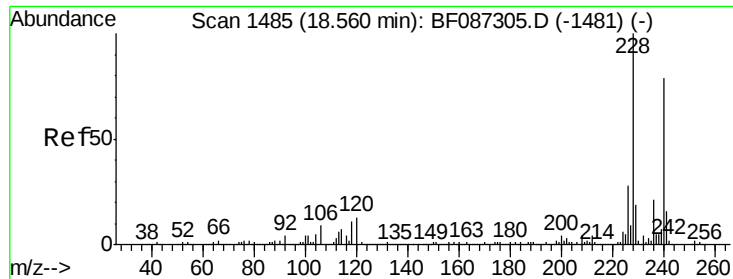
Tot Ion:172 Resp: 1295294
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 24.0 19.8 29.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF087405.D
Acq: 26 May 2016 10:27

Tgt Ion:188 Resp: 275986
Ion Ratio Lower Upper
188 100
94 9.1 6.8 10.2
80 10.4 7.1 10.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.47 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF087405.D

Acq: 26 May 2016 10:27

Instrument :

BNA_F

ClientSampleId :

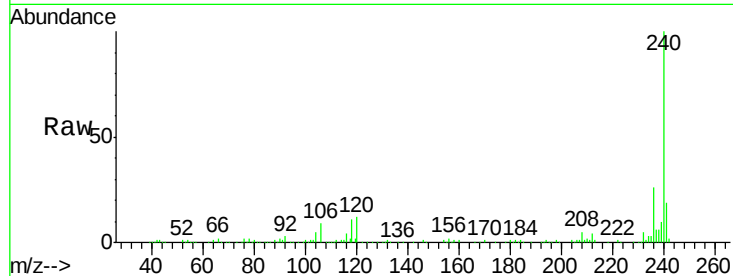
Tot Ion:240 Resp: 239233

Ion Ratio Lower Upper

240 100

120 12.1 11.2 16.8

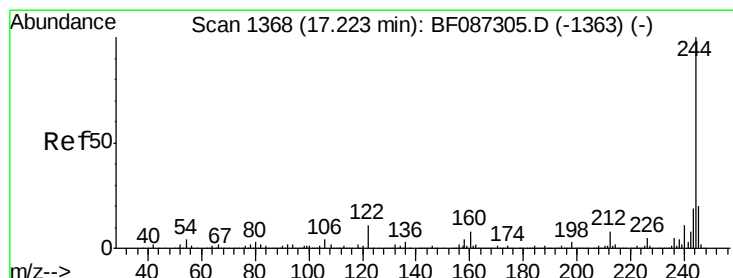
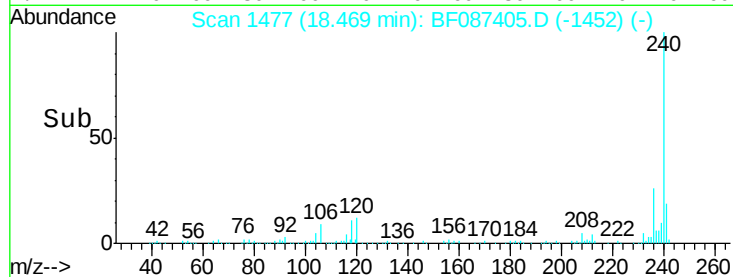
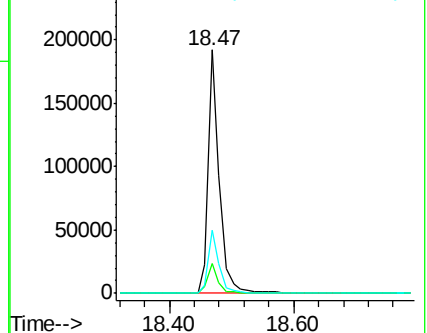
236 25.9 21.2 31.8



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: 84.05 ng

RT: 17.13 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF087405.D

Acq: 26 May 2016 10:27

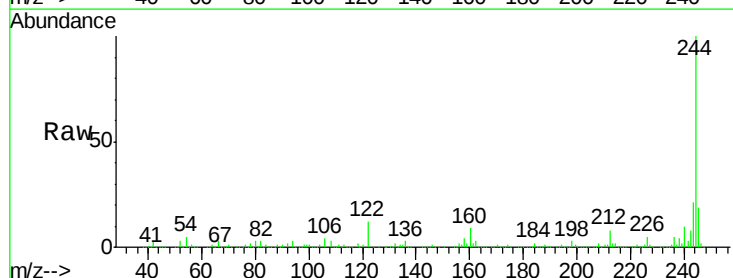
Tgt Ion:244 Resp: 945810

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

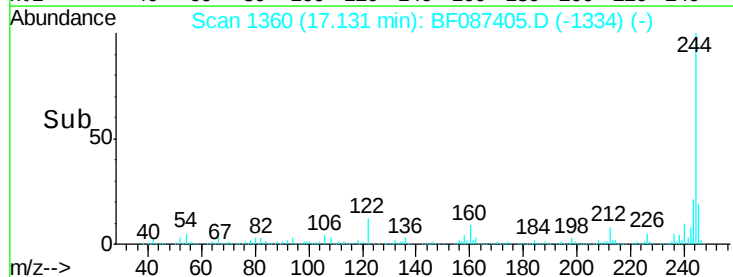
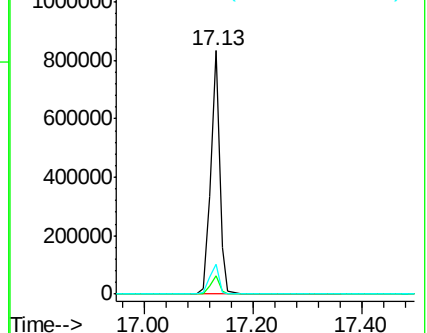
122 12.1 12.0 18.0

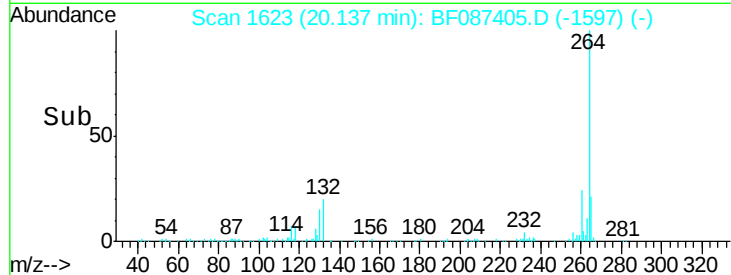
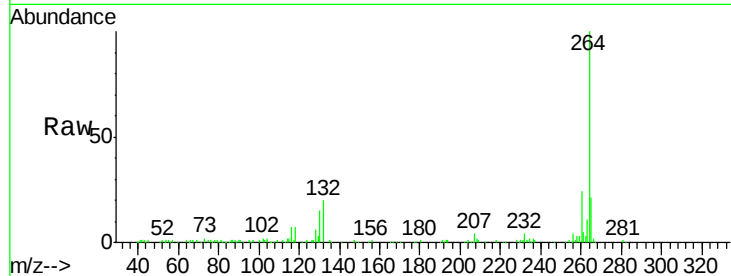
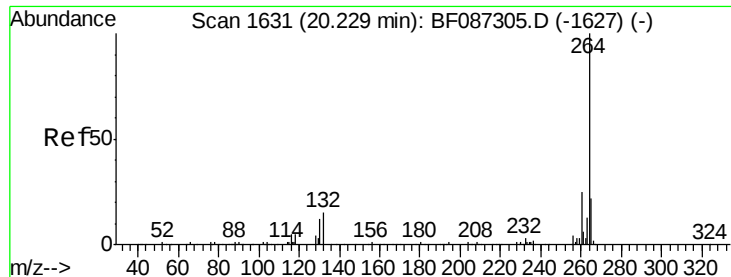


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.14 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BF087405.D
Acq: 26 May 2016 10:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264	Resp:	157857
Ion Ratio	Lower	Upper
264	100	
260	24.4	19.5 29.3
265	20.8	17.3 25.9

