

Data Path : Z:\HPCHEM1\BNA F\Data\BF052616\
 Data File : BF087412.D
 Acq On : 26 May 2016 17:14
 Operator : UM/SJ
 Sample : H3137-03RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 17:50:18 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

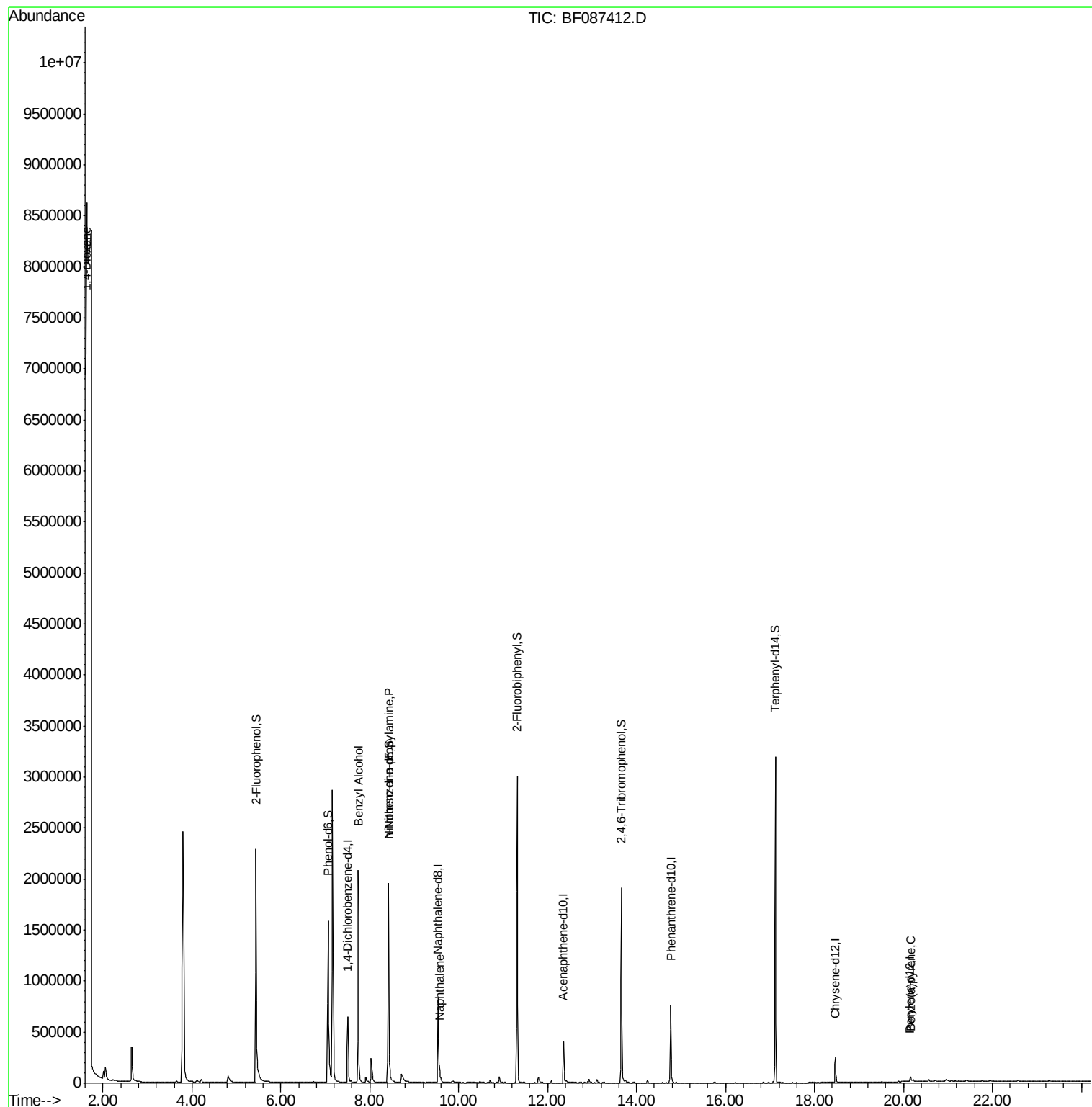
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	125377	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	499451	20.00	ng	-0.02
38) Acenaphthene-d10	12.35	164	122402	20.00	ng	-0.03
63) Phenanthrene-d10	14.77	188	371054	20.00	ng	-0.01
75) Chrysene-d12	18.46	240	74552	20.00	ng	-0.02
86) Perylene-d12	20.15	264	2784	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	862372	120.86	ng	0.02
7) Phenol-d6	7.06	99	713573	74.01	ng	-0.01
23) Nitrobenzene-d5	8.42	82	863821	87.17	ng	-0.02
41) 2,4,6-Tribromophenol	13.66	330	285096	242.38	ng	-0.02
44) 2-Fluorobiphenyl	11.31	172	1360408	156.69	ng	-0.02
78) Terphenyl-d14	17.12	244	939963	268.05	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.63	88	78691	20.90	ng	# 22
15) Benzyl Alcohol	7.74	79	15113	2.15	ng	# 46
19) n-Nitroso-di-n-propylamine	8.42	70	121368	16.88	ng	# 75
31) Naphthalene	9.56	128	117519	4.70	ng	99
89) Benzo(a)pyrene	20.16	252	1297	8.46	ng	# 1

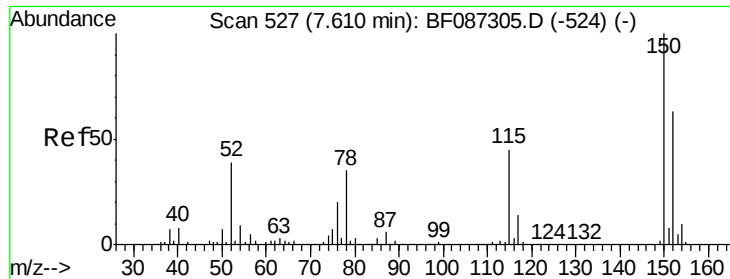
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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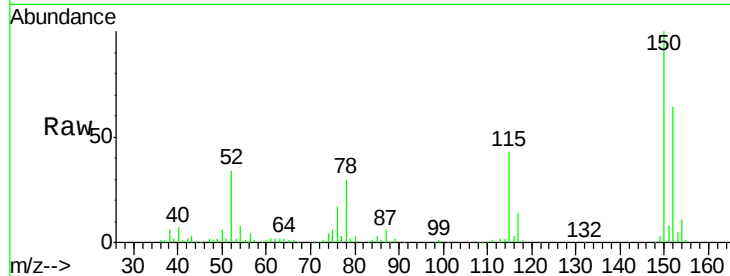


#1

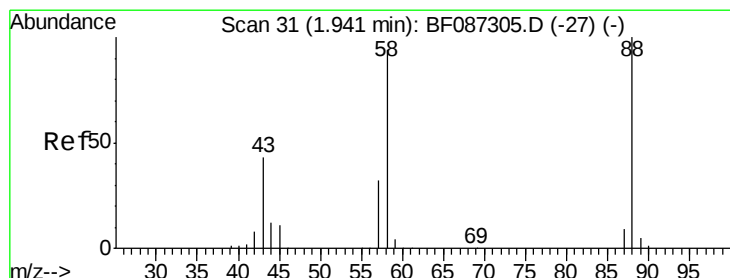
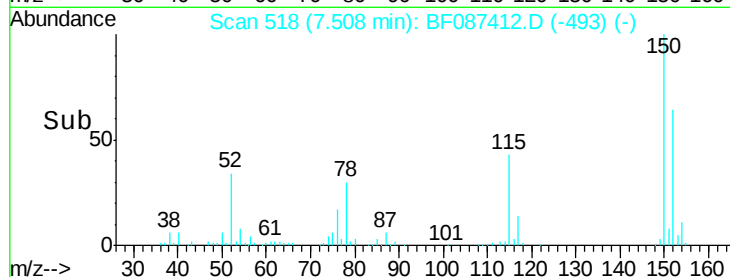
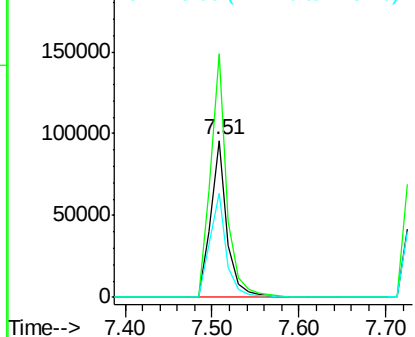
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF087412.D
Acq: 26 May 2016 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 125377
Ion Ratio Lower Upper
152 100
150 155.4 125.8 188.6
115 66.7 51.5 77.3



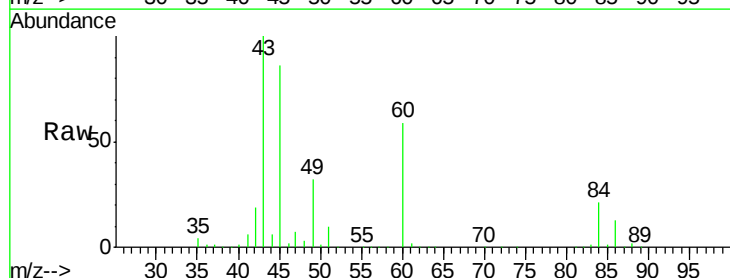
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



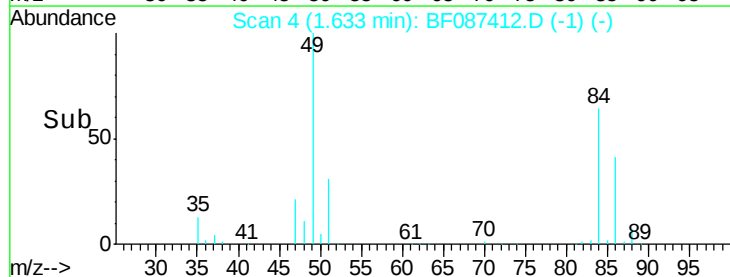
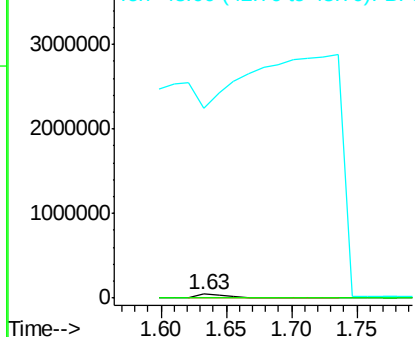
#2

1,4-Dioxane
Concen: 20.90 ng
RT: 1.63 min Scan# 4
Delta R.T. -0.18 min
Lab File: BF087412.D
Acq: 26 May 2016 17:14

Tgt Ion: 88 Resp: 78691
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: 120.86 ng

RT: 5.44 min Scan# 337

Delta R.T. 0.02 min

Lab File: BF087412.D

Acq: 26 May 2016 17:14

Instrument :

BNA_F

ClientSampleId :

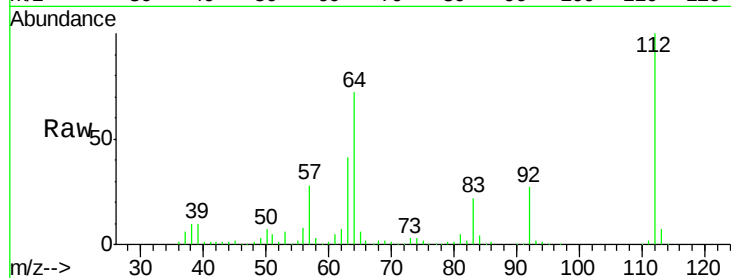
Tot Ion:112 Resp: 862372

Ion Ratio Lower Upper

112 100

64 72.0 52.1 78.1

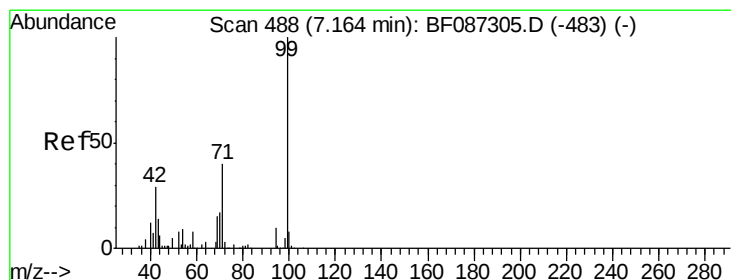
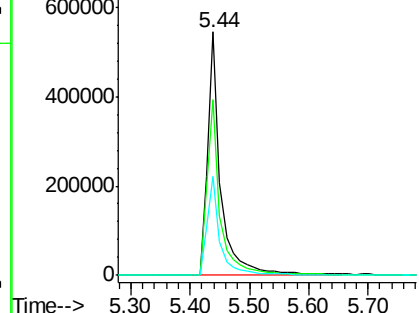
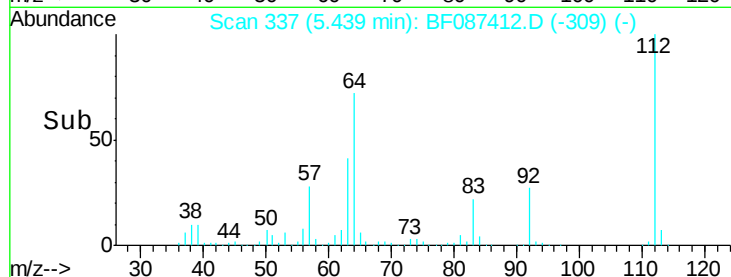
63 40.7 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 74.01 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087412.D

Acq: 26 May 2016 17:14

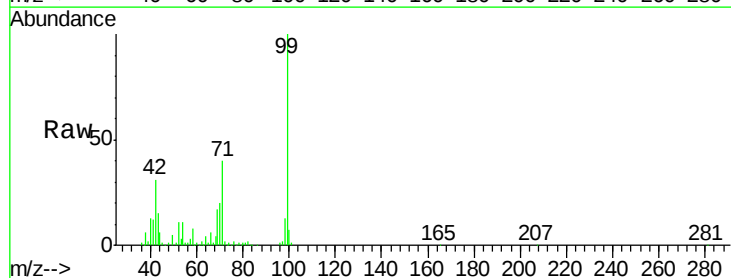
Tgt Ion: 99 Resp: 713573

Ion Ratio Lower Upper

99 100

42 31.2 13.6 20.4#

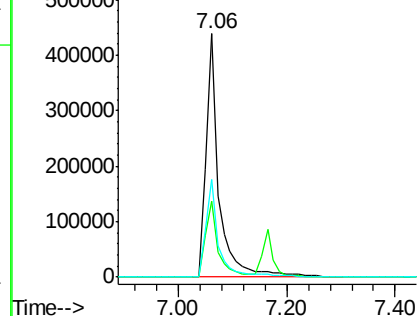
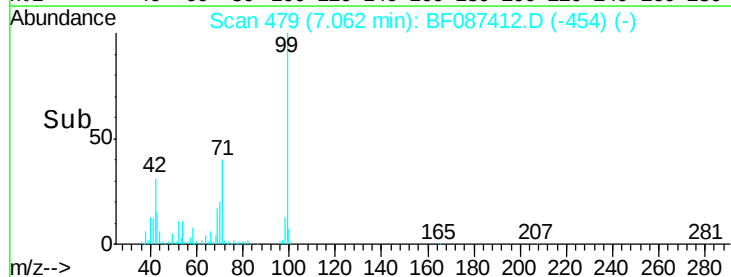
71 40.3 24.6 36.8#

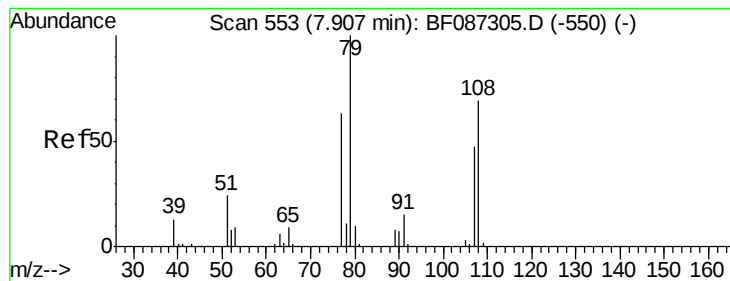


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.15 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.08 min

Lab File: BF087412.D

Acq: 26 May 2016 17:14

Instrument :

BNA_F

ClientSampleId :

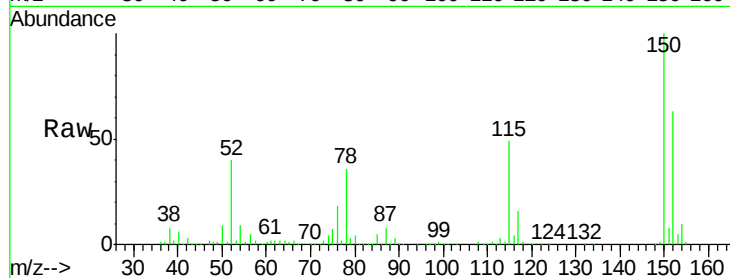
Tot Ion: 79 Resp: 15113

Ion Ratio Lower Upper

79 100

108 28.6 68.4 102.6#

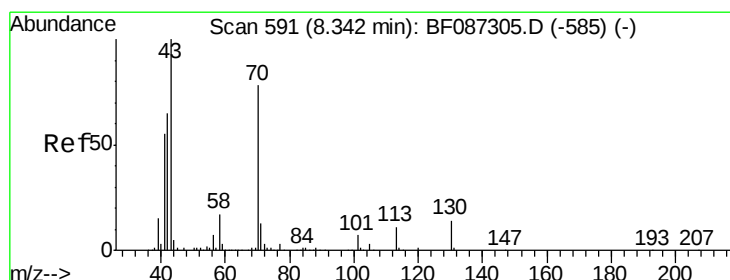
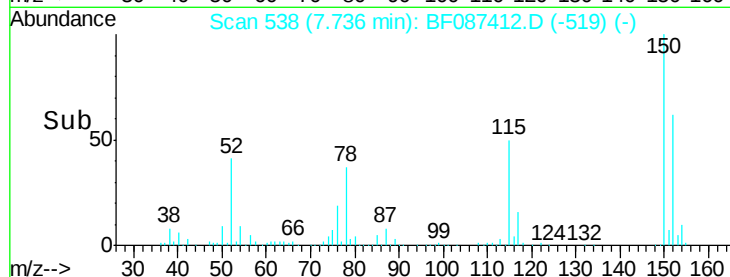
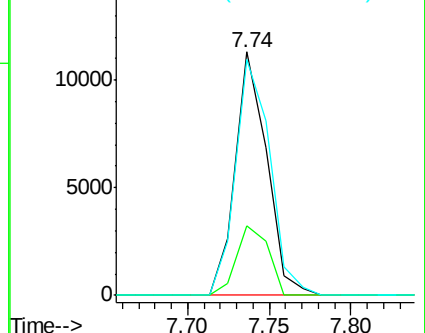
77 96.9 50.6 76.0#



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: 16.88 ng

RT: 8.42 min Scan# 598

Delta R.T. 0.17 min

Lab File: BF087412.D

Acq: 26 May 2016 17:14

Tgt Ion: 70 Resp: 121368

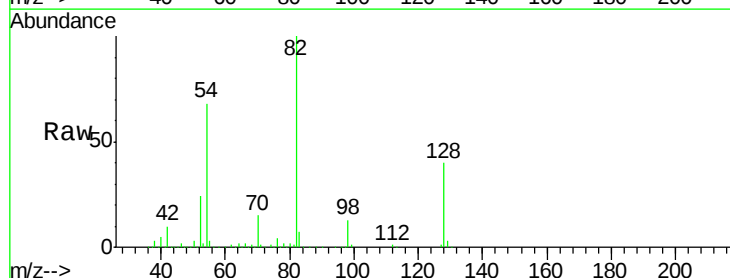
Ion Ratio Lower Upper

70 100

42 65.6 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

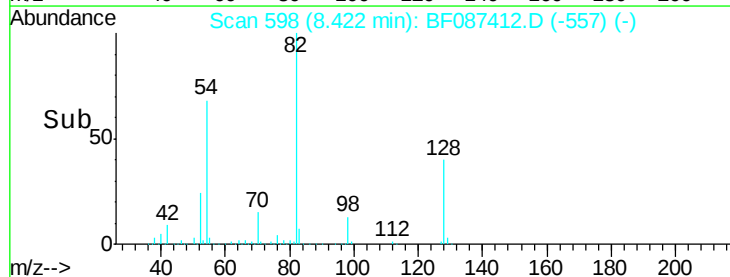
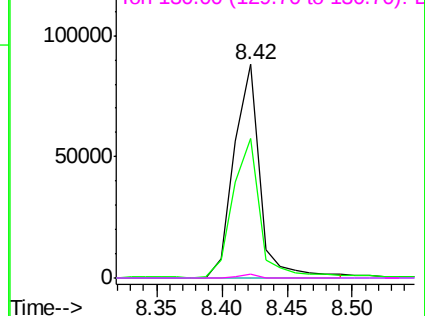


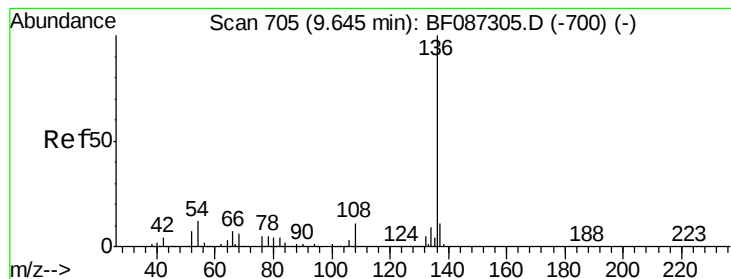
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF087412.D

Acq: 26 May 2016 17:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 499451

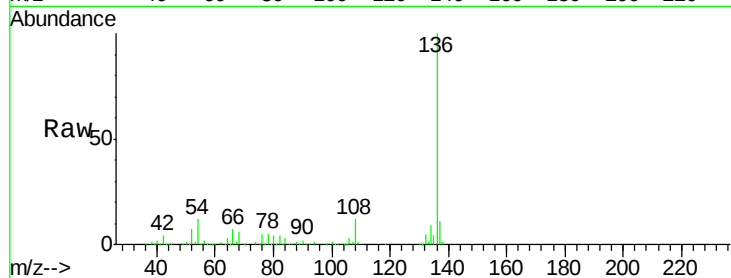
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 11.8 5.0 7.4#

68 5.7 4.4 6.6

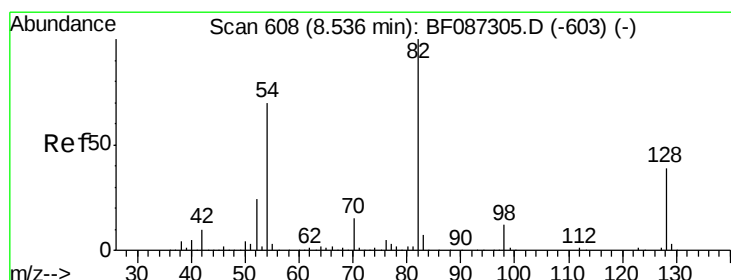
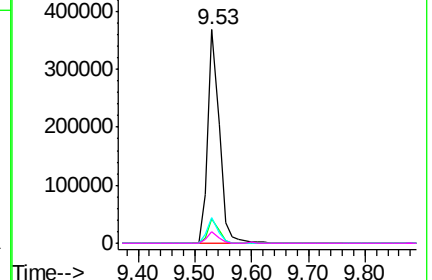
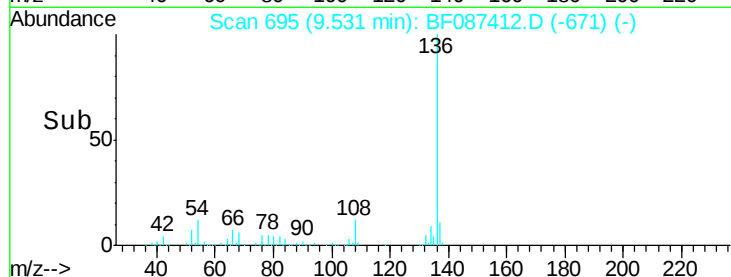


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.17 ng

RT: 8.42 min Scan# 598

Delta R.T. -0.02 min

Lab File: BF087412.D

Acq: 26 May 2016 17:14

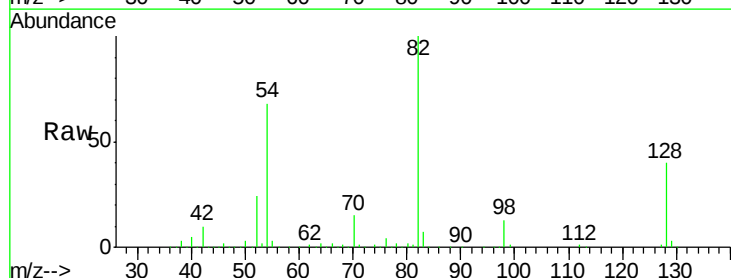
Tgt Ion: 82 Resp: 863821

Ion Ratio Lower Upper

82 100

128 39.9 40.6 61.0#

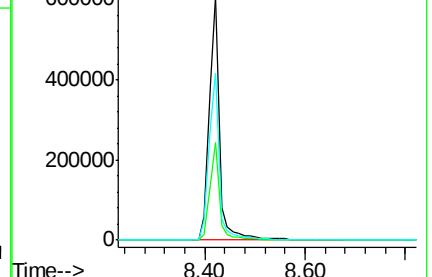
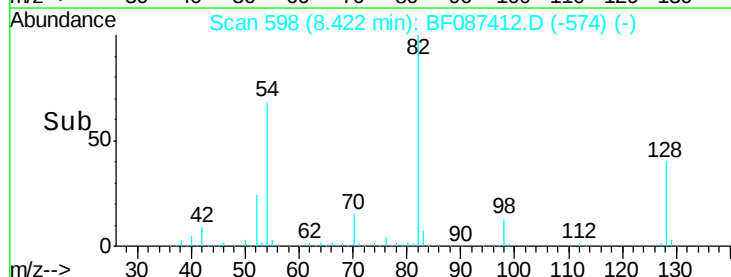
54 68.4 38.1 57.1#

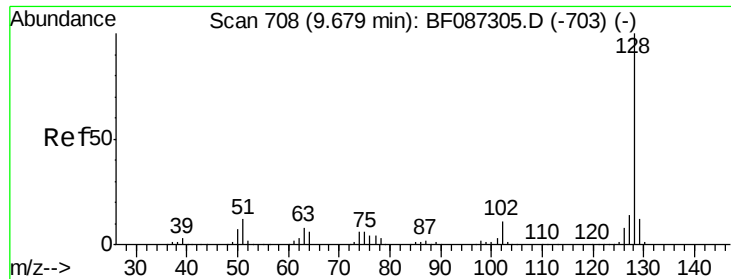


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

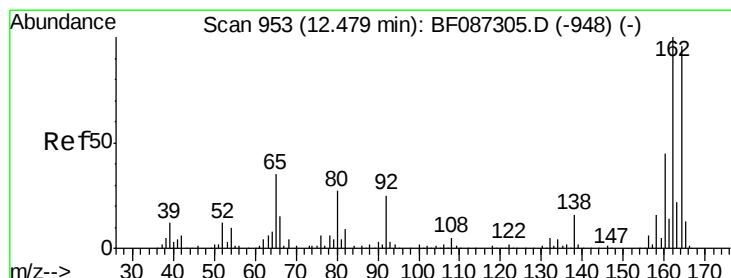
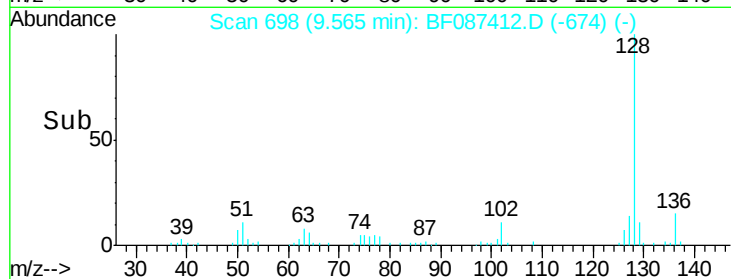
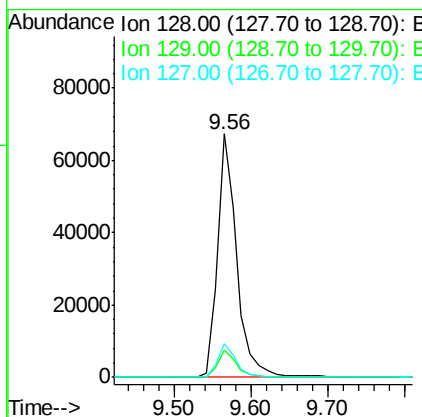
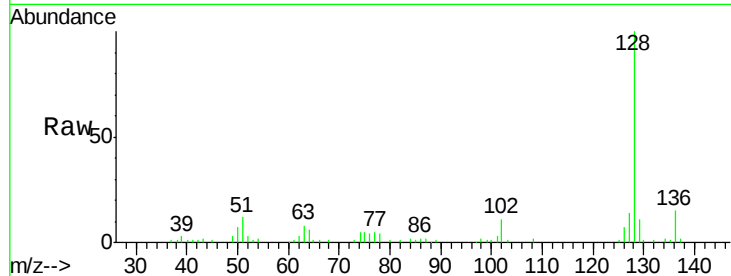




#31
Naphthalene
Concen: 4.70 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF087412.D
Acq: 26 May 2016 17:14

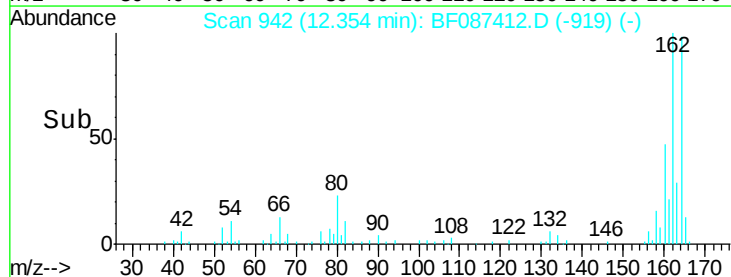
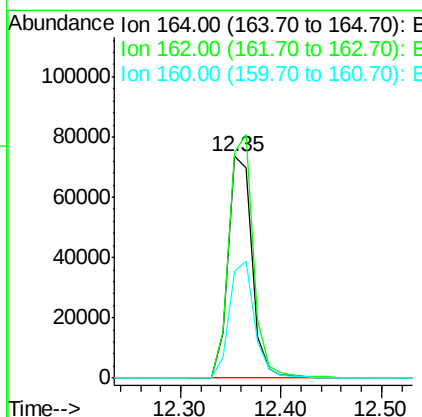
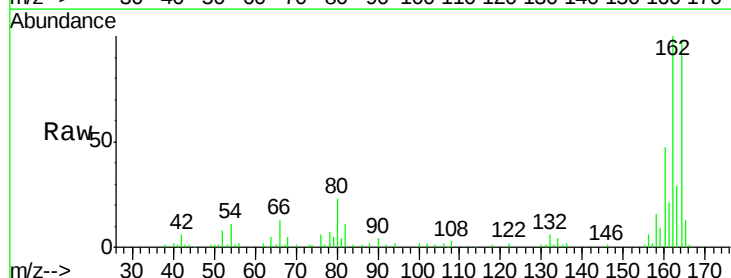
Instrument :
BNA_F
ClientSampleId :

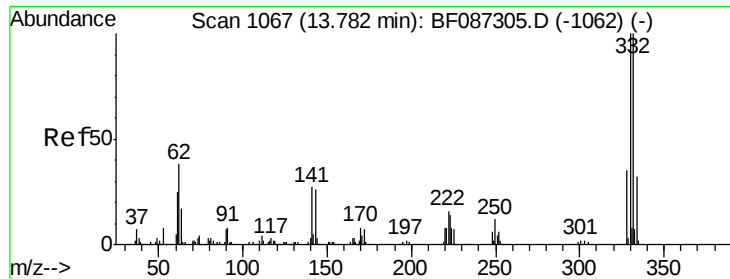
Tot Ion:128 Resp: 117519
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 14.0 10.8 16.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.35 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF087412.D
Acq: 26 May 2016 17:14

Tgt Ion:164 Resp: 122402
Ion Ratio Lower Upper
164 100
162 102.0 82.8 124.2
160 48.4 36.9 55.3

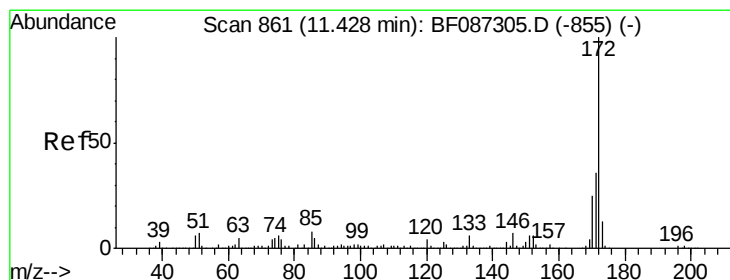
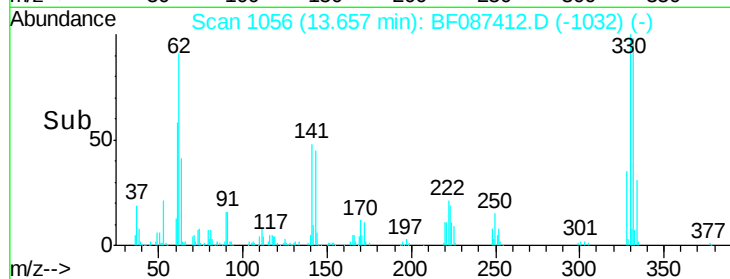
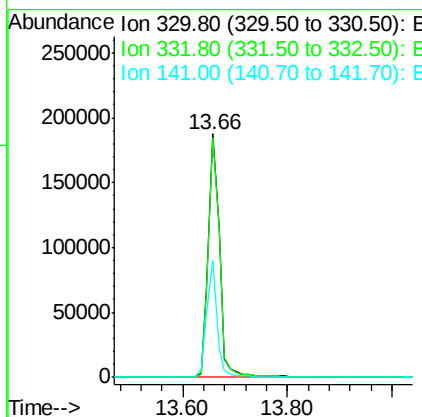
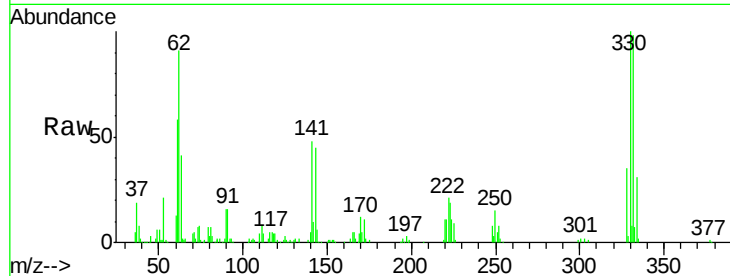




#41
 2,4,6-Tribromophenol
 Concen: 242.38 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.02 min
 Lab File: BF087412.D
 Acq: 26 May 2016 17:14

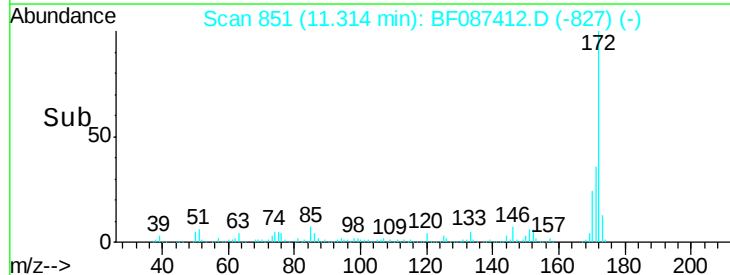
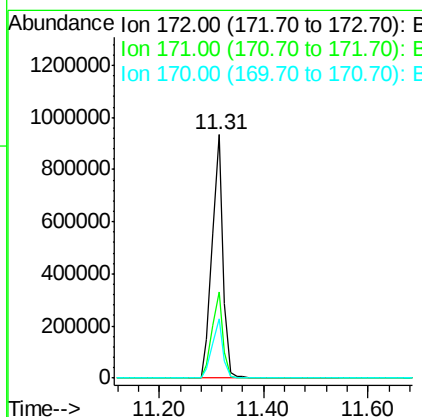
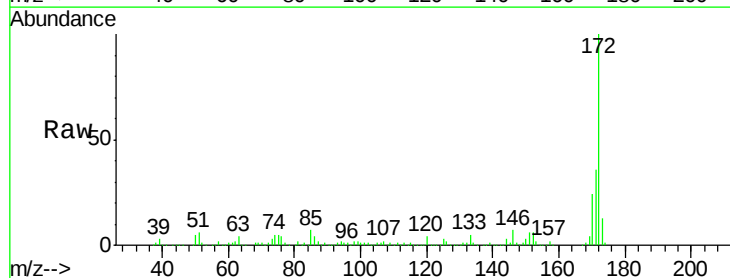
Instrument :
 BNA_F
 ClientSampleId :

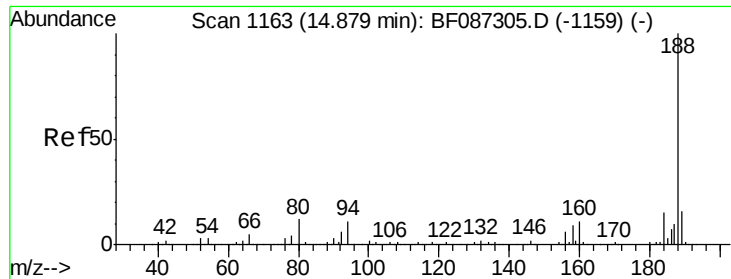
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	79.0	118.4
141	44.1	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 156.69 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BF087412.D
 Acq: 26 May 2016 17:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	24.2	19.8	29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF087412.D

Acq: 26 May 2016 17:14

Instrument :

BNA_F

ClientSampleId :

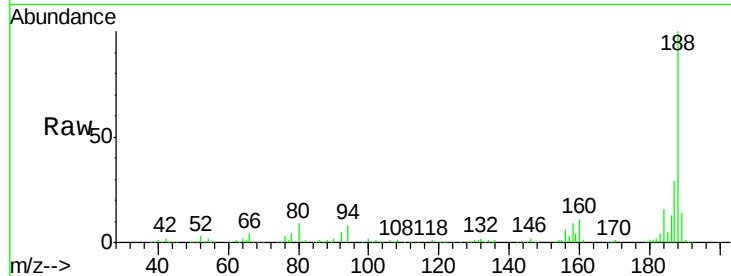
Tot Ion:188 Resp: 371054

Ion Ratio Lower Upper

188 100

94 8.1 6.8 10.2

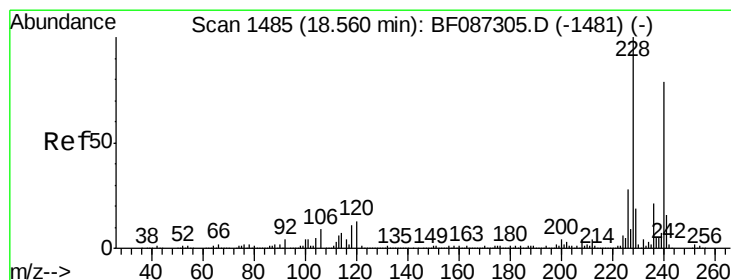
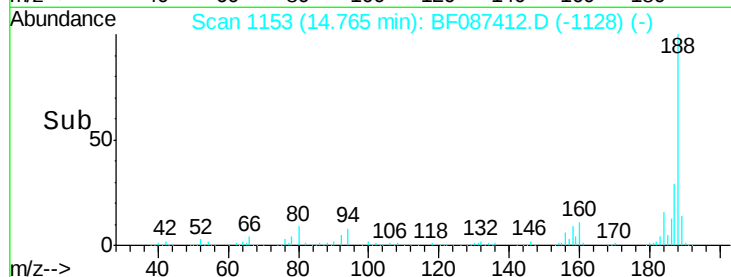
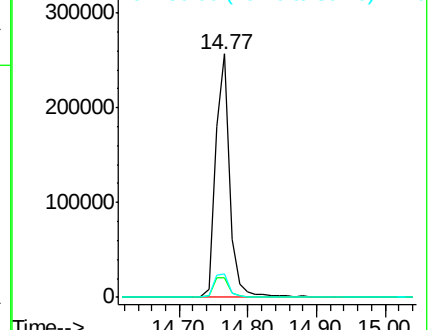
80 9.4 7.1 10.7



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: 18.46 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BF087412.D

Acq: 26 May 2016 17:14

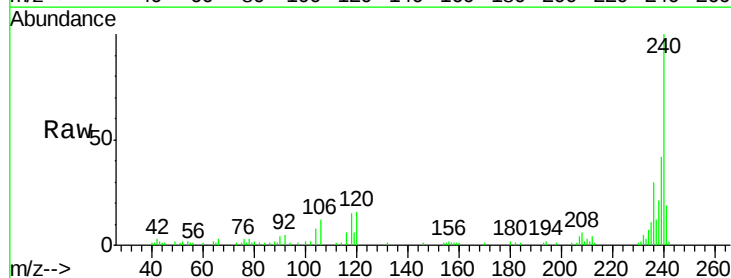
Tgt Ion:240 Resp: 74552

Ion Ratio Lower Upper

240 100

120 15.8 11.2 16.8

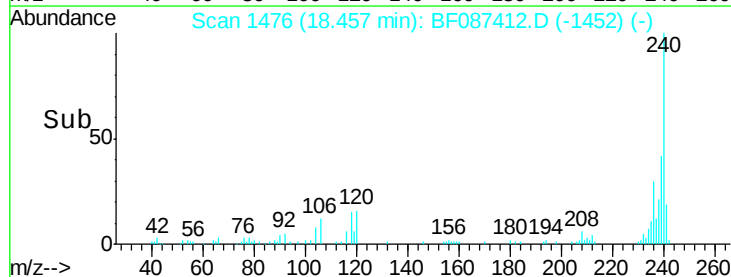
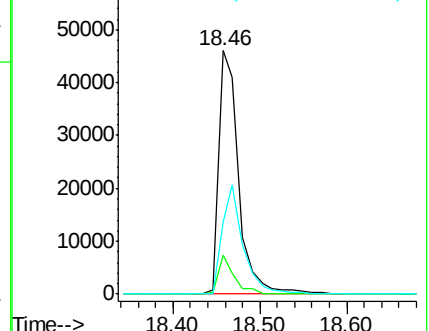
236 29.9 21.2 31.8

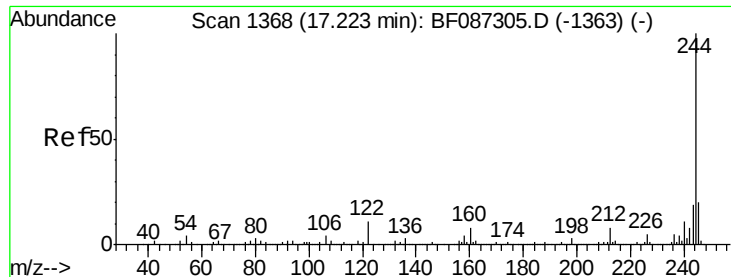


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

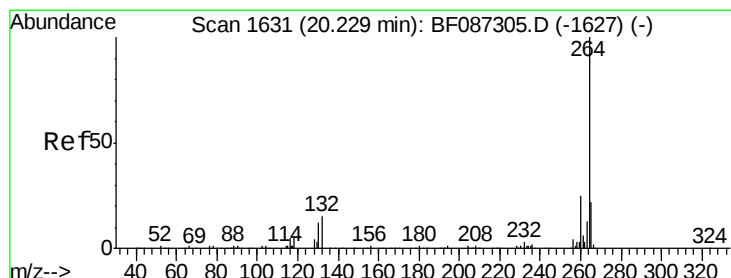
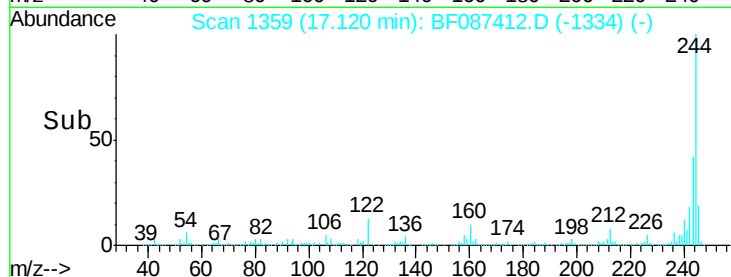
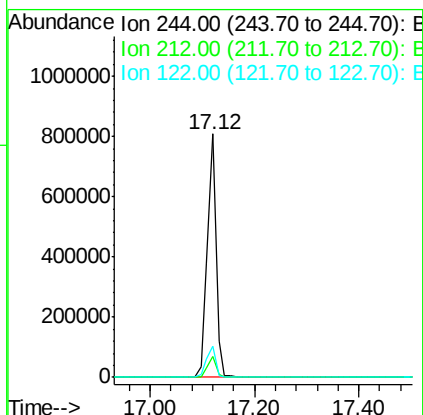
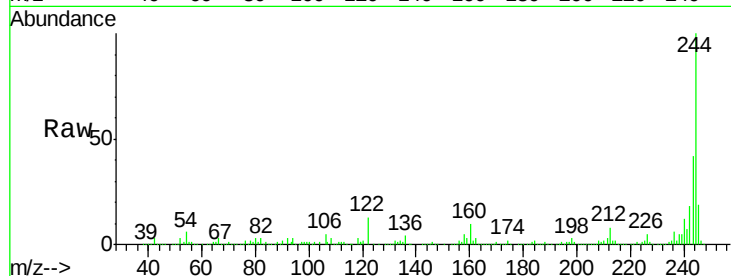




#78
 Terphenyl-d14
 Concen: 268.05 ng
 RT: 17.12 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF087412.D
 Acq: 26 May 2016 17:14

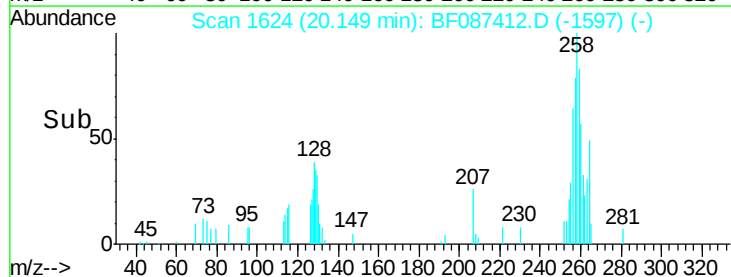
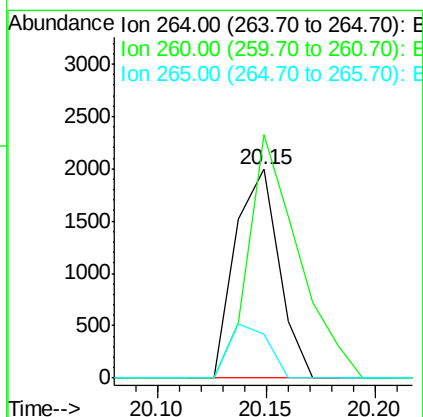
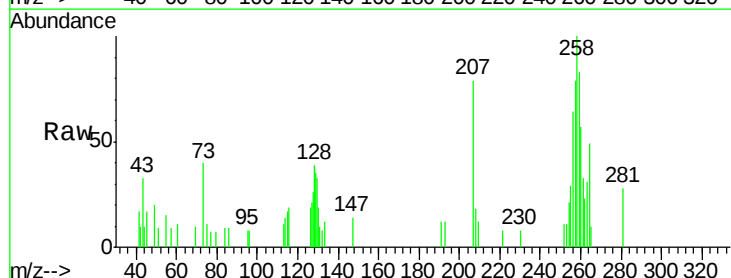
Instrument :
 BNA_F
 ClientSampleId :

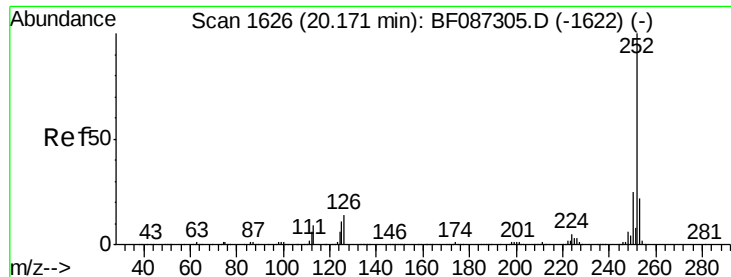
Tot Ion:244 Resp: 939963
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.2 9.2
 122 12.8 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.15 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF087412.D
 Acq: 26 May 2016 17:14

Tgt Ion:264 Resp: 2784
 Ion Ratio Lower Upper
 264 100
 260 116.5 19.5 29.3#
 265 20.8 17.3 25.9





#89

Benzo(a)pyrene

Concen: 8.46 ng

RT: 20.16 min Scan# 1625

Delta R.T. 0.08 min

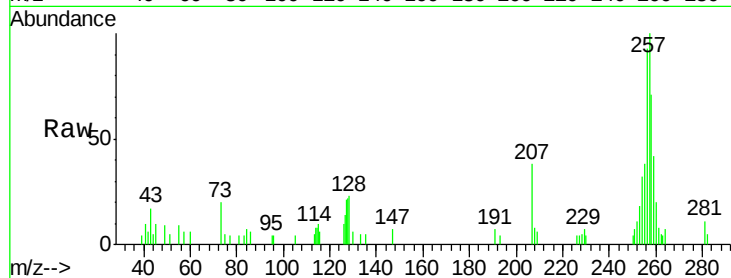
Lab File: BF087412.D

Acq: 26 May 2016 17:14

Instrument :

BNA_F

ClientSampleId :



Tot Ion:	252	Resp:	1297
Ion	Ratio	Lower	Upper
252	100		
253	157.0	17.2	25.8#
125	0.0	9.0	13.6#

