

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087324.D
 Acq On : 24 May 2016 5:03
 Operator : UM/SJ
 Sample : H3218-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-2GW

Quant Time: May 24 18:45:52 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

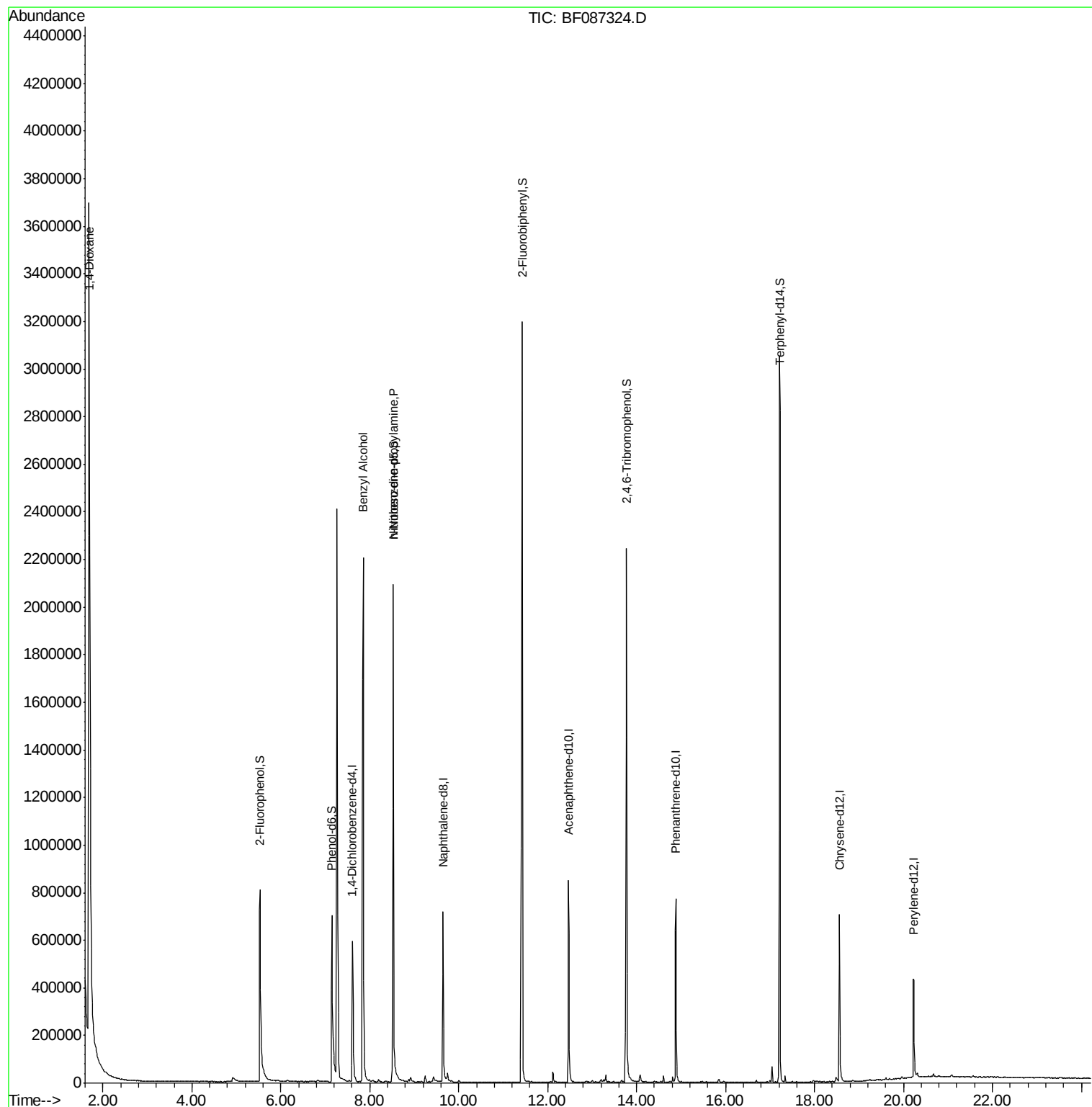
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	119696	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	501924	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	245405	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	465596	20.00	ng	0.00
75) Chrysene-d12	18.56	240	368407	20.00	ng	0.00
86) Perylene-d12	20.23	264	271062	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	468891	68.83	ng	0.01
7) Phenol-d6	7.15	99	428260	46.53	ng	-0.01
23) Nitrobenzene-d5	8.52	82	915568	91.93	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	330602	140.19	ng	-0.01
44) 2-Fluorobiphenyl	11.43	172	1623144	93.24	ng	0.00
78) Terphenyl-d14	17.22	244	1549037	89.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.69	88	170009	47.30	ng	# 22
15) Benzyl Alcohol	7.85	79	15893	2.37	ng	# 41
19) n-Nitroso-di-n-propylamine	8.52	70	123751	18.03	ng	# 73

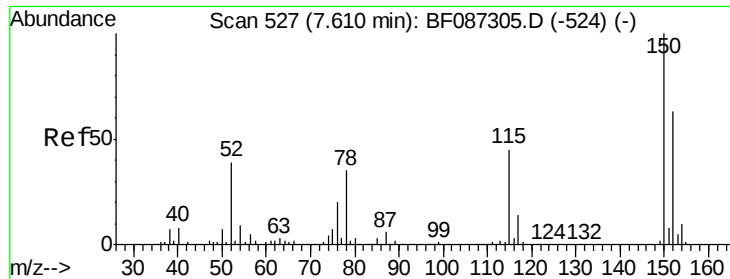
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087324.D

Acq: 24 May 2016 5:03

Instrument :

BNA_F

ClientSampleId :

E-2GW

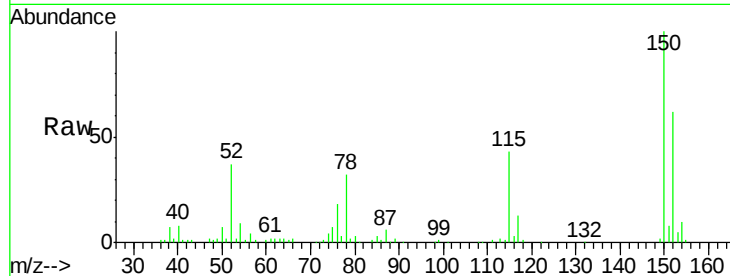
Tgt Ion: 152 Resp: 119696

Ion Ratio Lower Upper

152 100

150 161.0 125.8 188.6

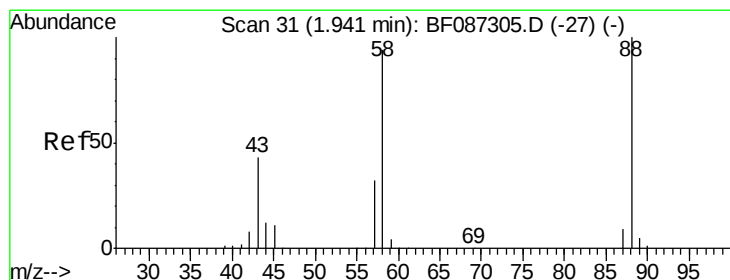
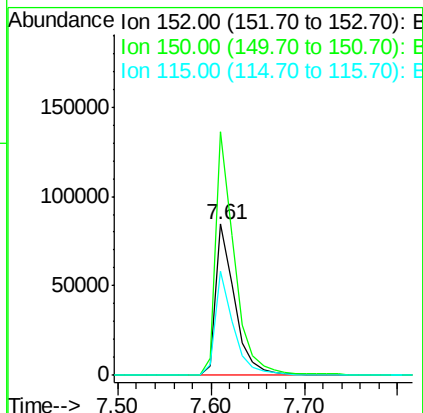
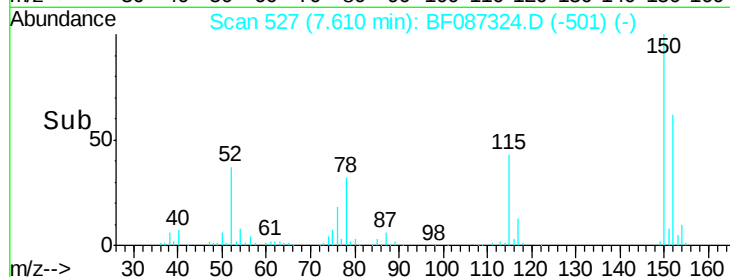
115 69.2 51.5 77.3



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: 47.30 ng

RT: 1.69 min Scan# 9

Delta R.T. -0.25 min

Lab File: BF087324.D

Acq: 24 May 2016 5:03

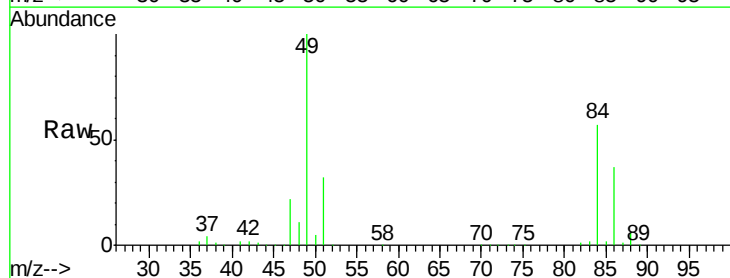
Tgt Ion: 88 Resp: 170009

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

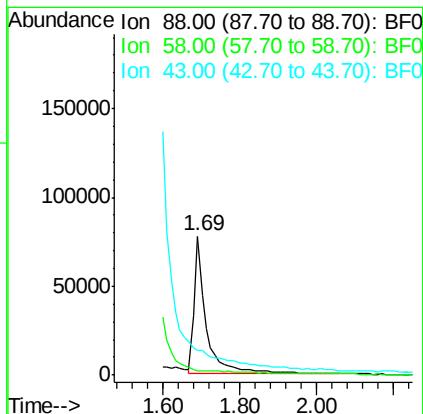
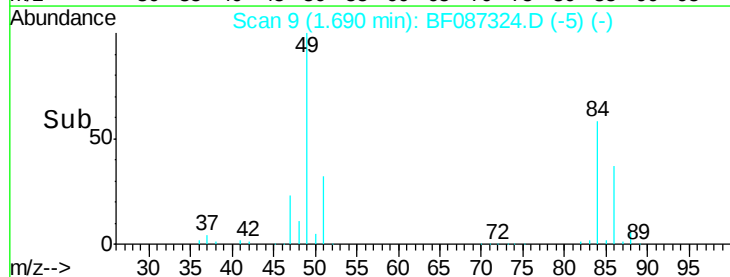
43 0.0 21.8 32.6#



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: 68.83 ng

RT: 5.53 min Scan# 345

Delta R.T. 0.01 min

Lab File: BF087324.D

Acq: 24 May 2016 5:03

Instrument :

BNA_F

ClientSampleId :

E-2GW

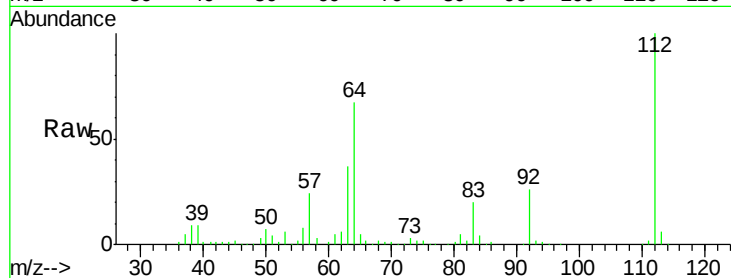
Tgt Ion: 112 Resp: 468891

Ion Ratio Lower Upper

112 100

64 67.0 52.1 78.1

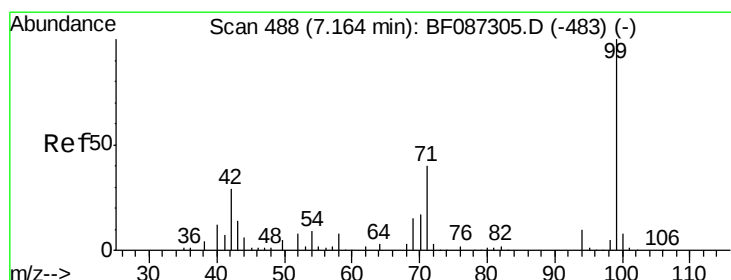
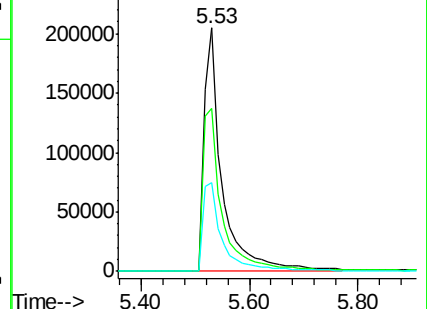
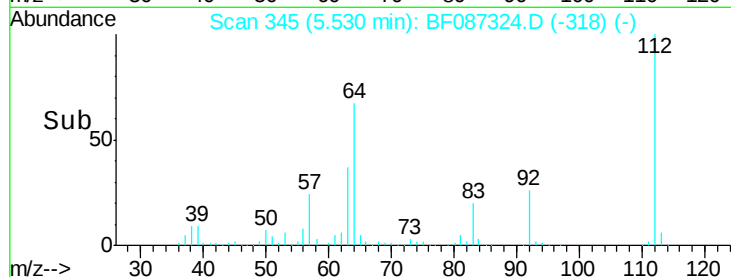
63 36.7 25.7 38.5



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: 46.53 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF087324.D

Acq: 24 May 2016 5:03

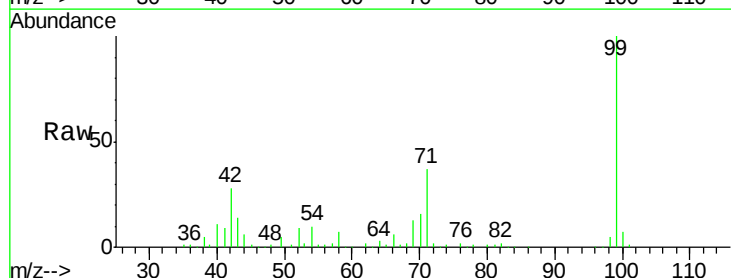
Tgt Ion: 99 Resp: 428260

Ion Ratio Lower Upper

99 100

42 27.7 13.6 20.4#

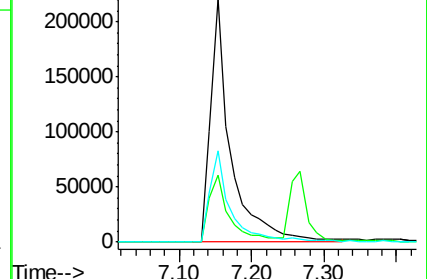
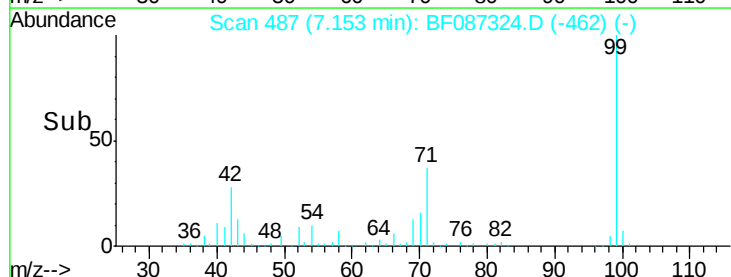
71 37.2 24.6 36.8#

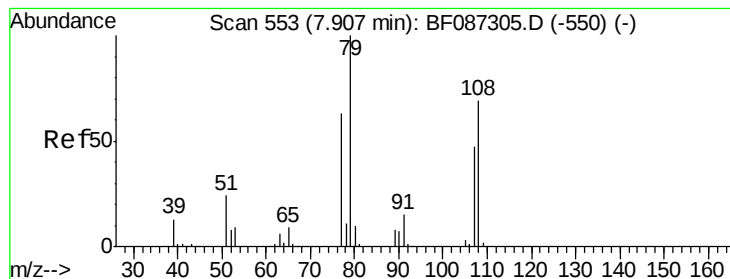


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.37 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.06 min

Lab File: BF087324.D

Acq: 24 May 2016 5:03

Instrument :

BNA_F

ClientSampleId :

E-2GW

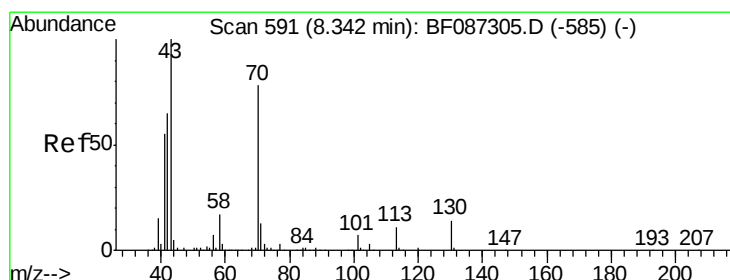
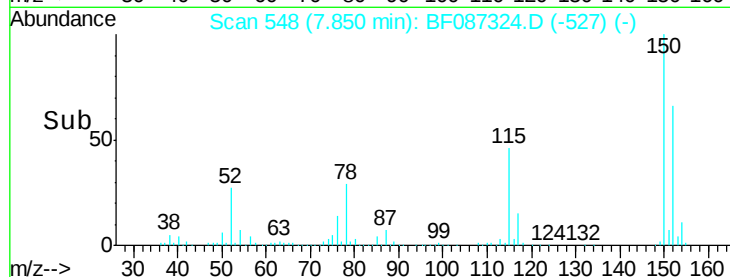
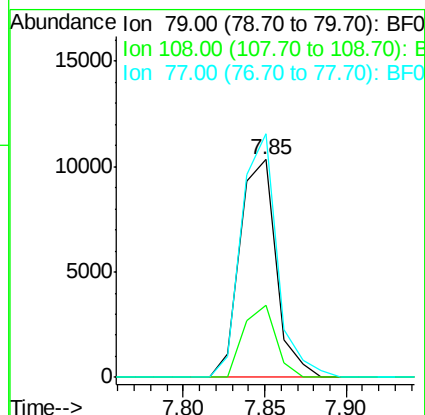
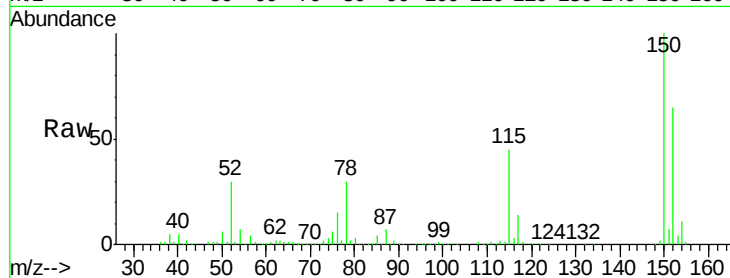
Tgt Ion: 79 Resp: 15893

Ion Ratio Lower Upper

79 100

108 33.3 68.4 102.6#

77 111.7 50.6 76.0#



#19

n-Nitroso-di-n-propylamine

Concen: 18.03 ng

RT: 8.52 min Scan# 607

Delta R.T. 0.18 min

Lab File: BF087324.D

Acq: 24 May 2016 5:03

Tgt Ion: 70 Resp: 123751

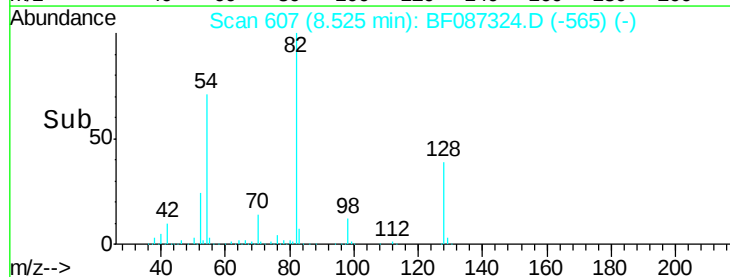
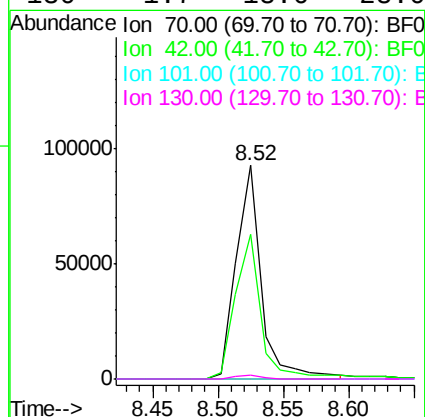
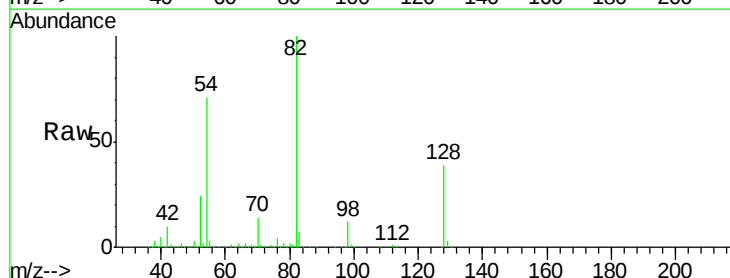
Ion Ratio Lower Upper

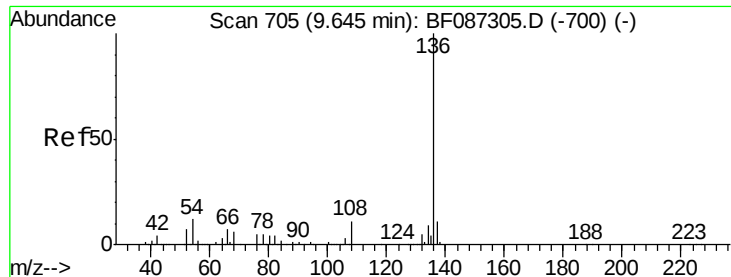
70 100

42 67.6 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

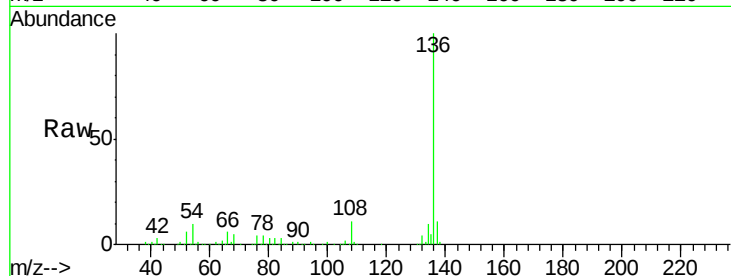




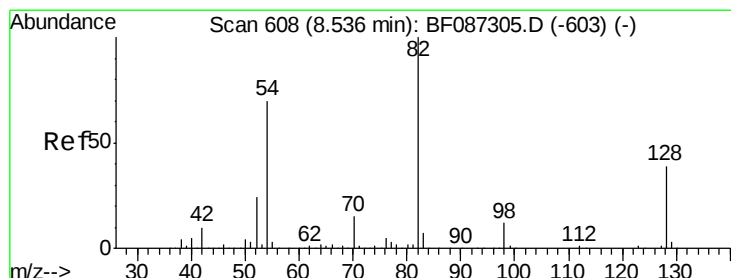
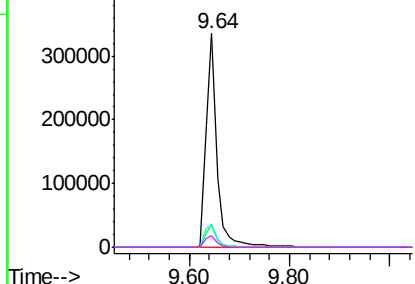
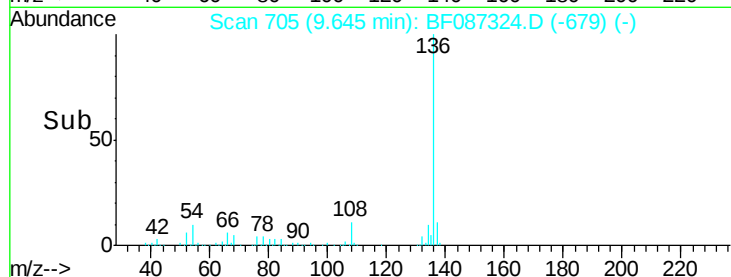
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF087324.D
Acq: 24 May 2016 5:03

Instrument :
BNA_F
ClientSampleId :
E-2GW

Tgt Ion:	136	Resp:	501924
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.3	5.0	7.4#
68	5.3	4.4	6.6

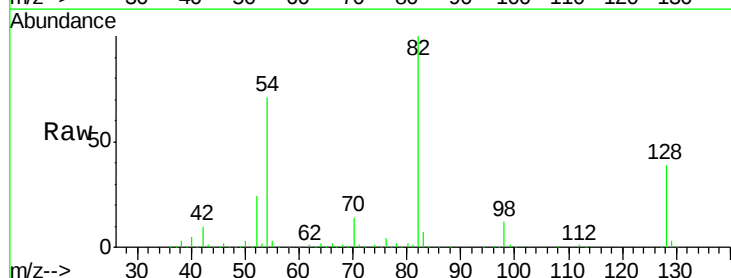


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

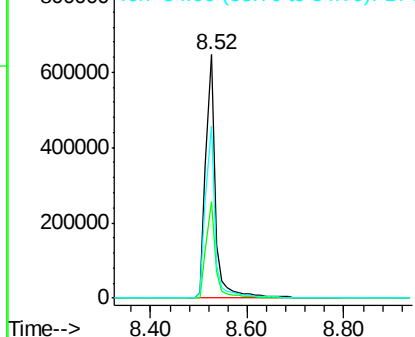
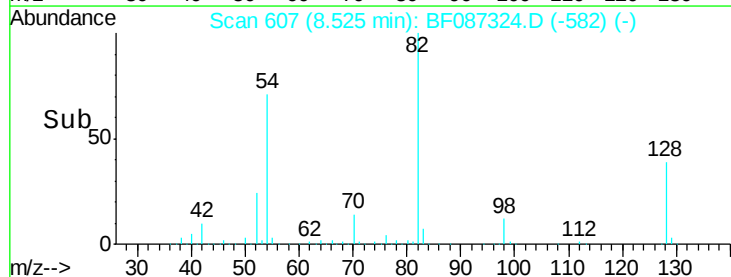


#23
Nitrobenzene-d5
Concen: 91.93 ng
RT: 8.52 min Scan# 607
Delta R.T. -0.01 min
Lab File: BF087324.D
Acq: 24 May 2016 5:03

Tgt Ion:	82	Resp:	915568
Ion	Ratio	Lower	Upper
82	100		
128	39.4	40.6	61.0#
54	70.6	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

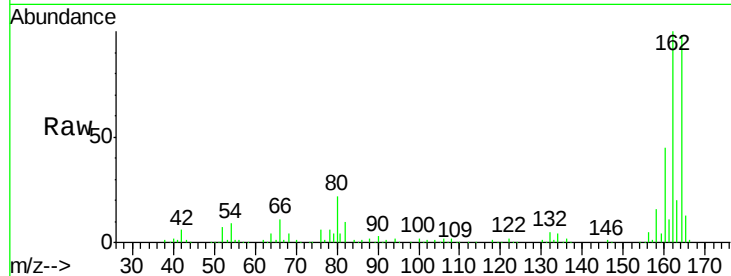




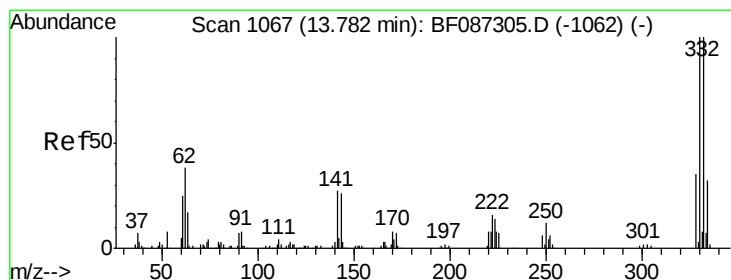
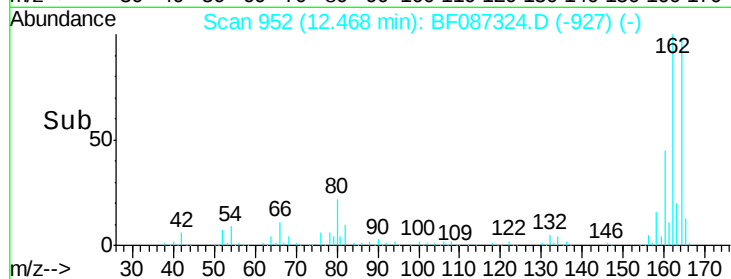
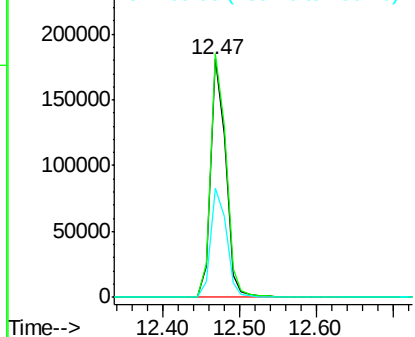
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF087324.D
 Acq: 24 May 2016 5:03

Instrument :
 BNA_F
 ClientSampleId :
 E-2GW

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.8	124.2
160	45.7	36.9	55.3

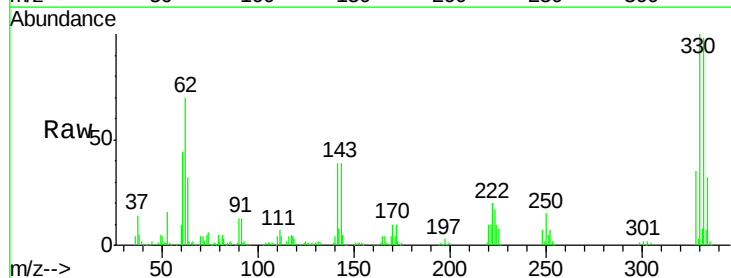


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

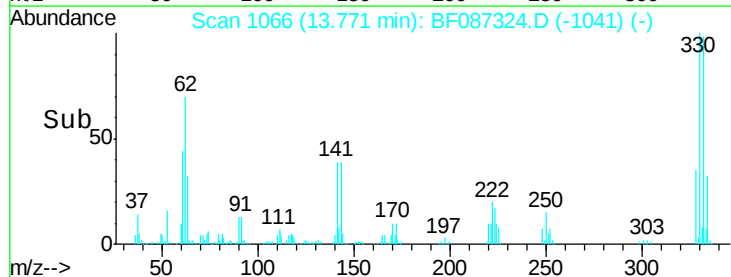
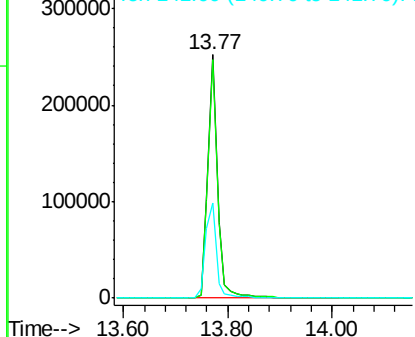


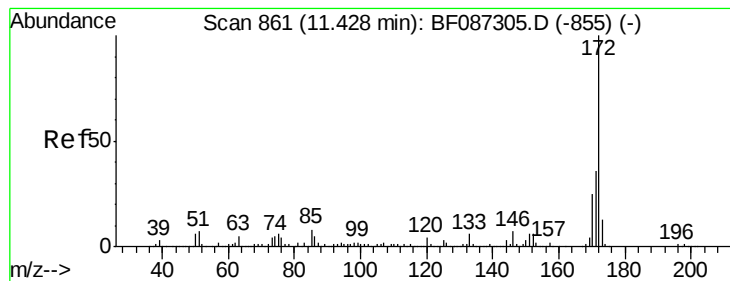
#41
 2,4,6-Tribromophenol
 Concen: 140.19 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087324.D
 Acq: 24 May 2016 5:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	79.0	118.4
141	43.5	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: 93.24 ng

RT: 11.43 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF087324.D

Acq: 24 May 2016 5:03

Instrument :

BNA_F

ClientSampleId :

E-2GW

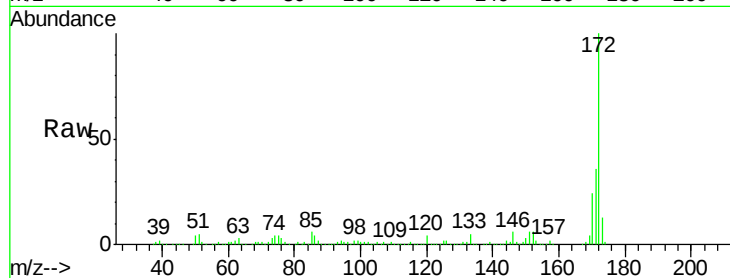
Tgt Ion:172 Resp: 1623144

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

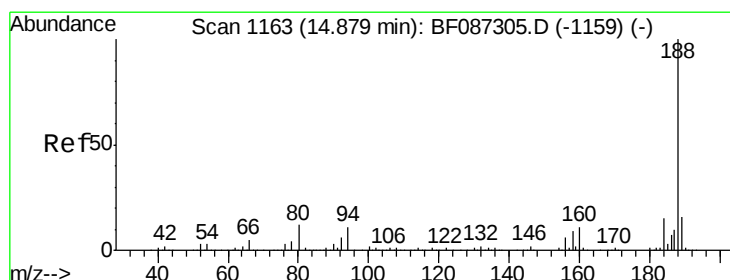
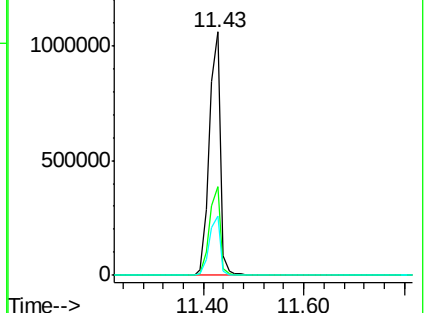
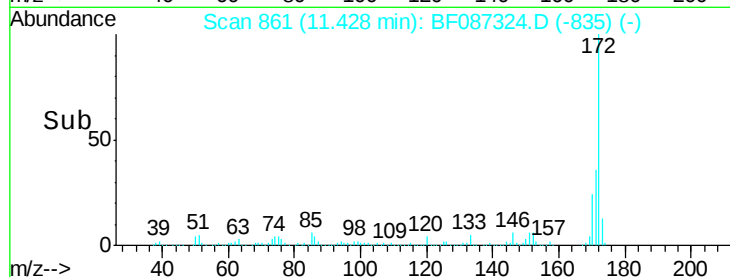
170 24.3 19.8 29.8



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: 14.88 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF087324.D

Acq: 24 May 2016 5:03

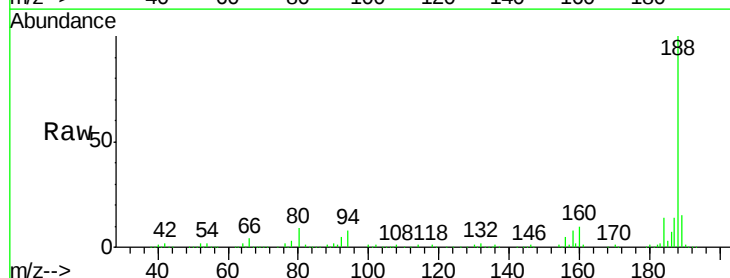
Tgt Ion:188 Resp: 465596

Ion Ratio Lower Upper

188 100

94 8.5 6.8 10.2

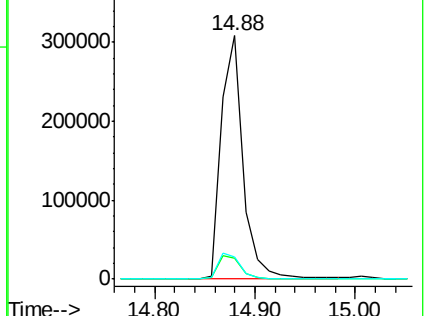
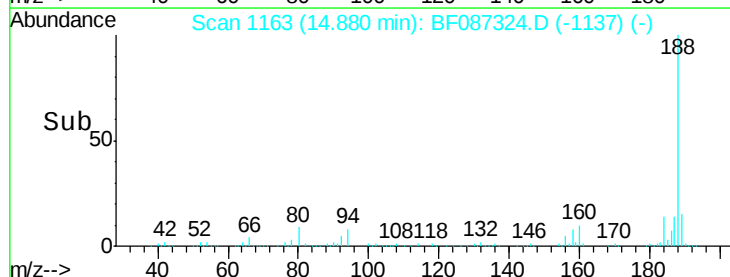
80 8.9 7.1 10.7



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: 18.56 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BF087324.D

Acq: 24 May 2016 5:03

Instrument :

BNA_F

ClientSampleId :

E-2GW

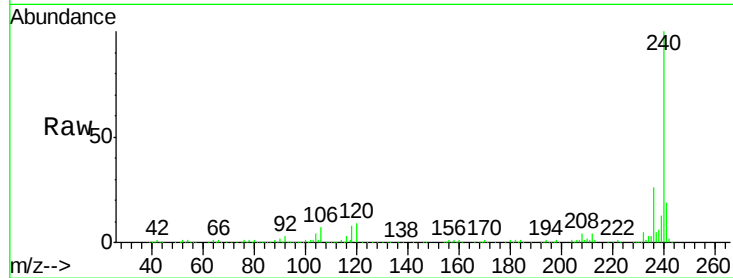
Tgt Ion:240 Resp: 368407

Ion Ratio Lower Upper

240 100

120 9.4 11.2 16.8#

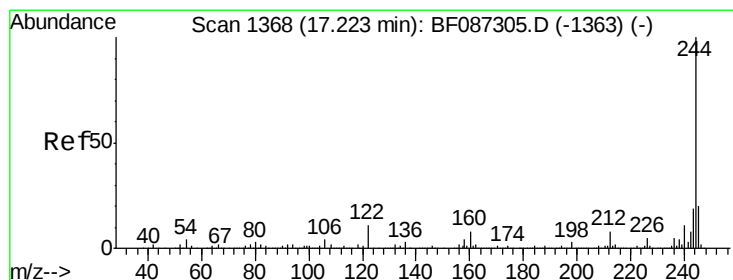
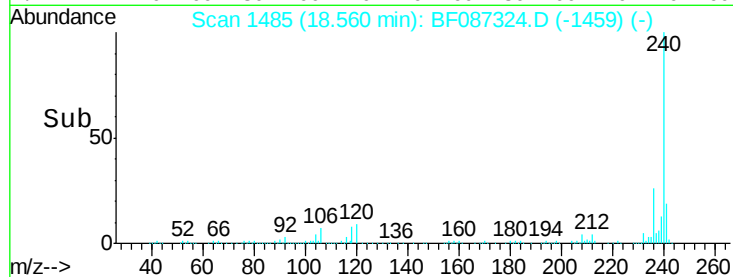
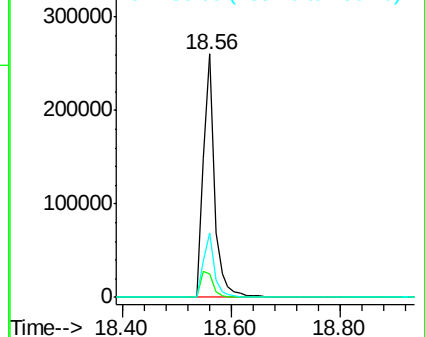
236 26.4 21.2 31.8



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: 89.39 ng

RT: 17.22 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF087324.D

Acq: 24 May 2016 5:03

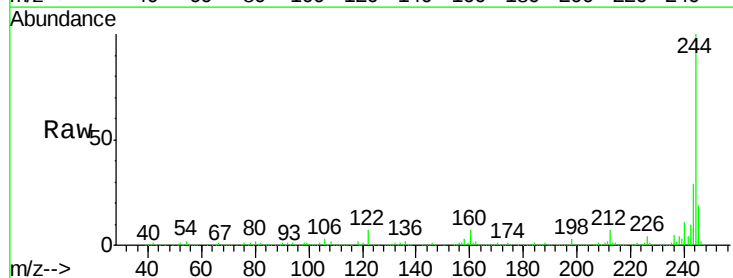
Tgt Ion:244 Resp: 1549037

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

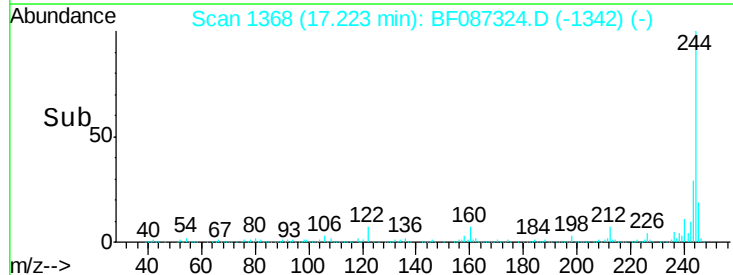
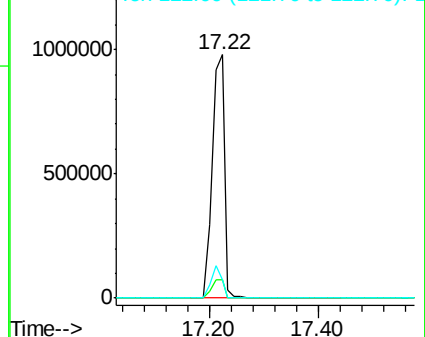
122 7.5 12.0 18.0#

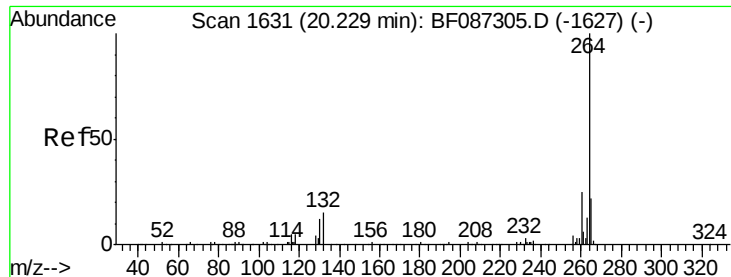


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.23 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BF087324.D
Acq: 24 May 2016 5:03

Instrument :
BNA_F
ClientSampleId :
E-2GW

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.6	17.3	25.9

