

Data Path : Z:\HPCHEM1\BNA F\Data\BF050316\
 Data File : BF086638.D
 Acq On : 3 May 2016 12:01
 Operator : UM/SJ
 Sample : H2779-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)K

Quant Time: May 03 13:00:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

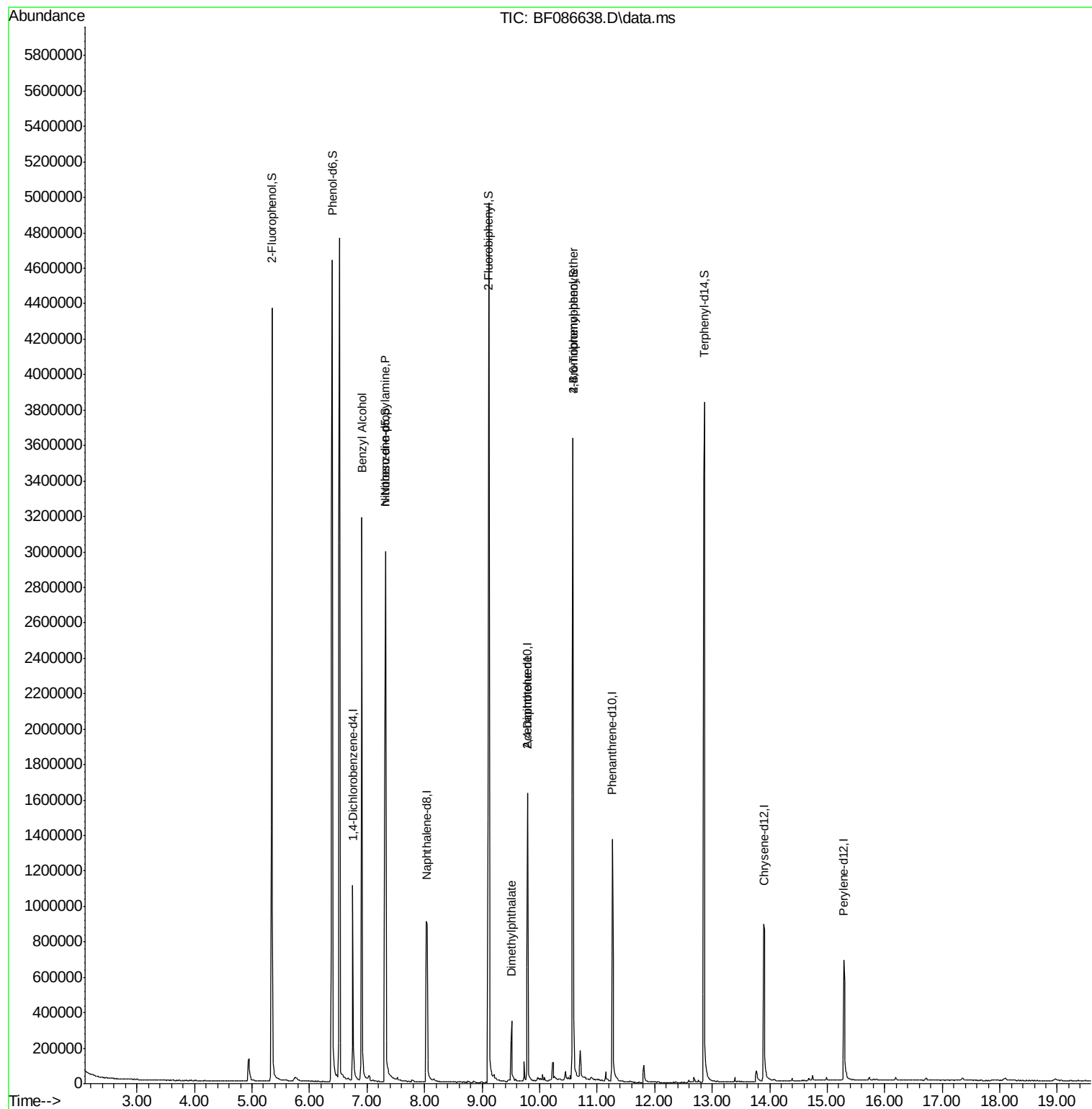
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.750	152	175701	20.00	ng	-0.06
21) Naphthalene-d8	8.042	136	698837	20.00	ng	-0.06
38) Acenaphthene-d10	9.791	164	358175	20.00	ng	-0.06
63) Phenanthrene-d10	11.265	188	658538	20.00	ng	-0.06
75) Chrysene-d12	13.905	240	534500	20.00	ng	-0.06
86) Perylene-d12	15.288	264	405641	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.344	112	1230729	120.82	ng	-0.04
7) Phenol-d6	6.396	99	1968274	138.45	ng	-0.05
23) Nitrobenzene-d5	7.322	82	1276494	98.46	ng	-0.06
41) 2,4,6-Tribromophenol	10.579	330	459018	121.52	ng	-0.06
44) 2-Fluorobiphenyl	9.116	172	1737468	84.87	ng	-0.06
78) Terphenyl-d14	12.865	244	1843310	75.98	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	6.910	79	19294	2.15	ng	Qvalue # 35
19) n-Nitroso-di-n-propyla...	7.322	70	173416	18.45	ng	# 79
49) Dimethylphthalate	9.516	163	190972	7.08	ng	99
56) 2,4-Dinitrotoluene	9.791	165	44635	6.29	ng	# 16
66) 4-Bromophenyl-phenylether	10.579	248	29497	4.35	ng	# 1

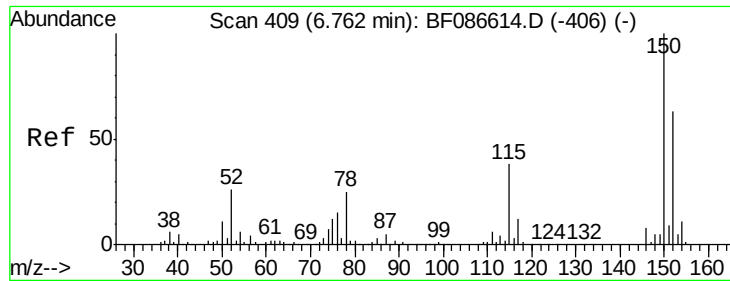
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.750 min Scan# 40

Delta R.T. -0.057 min

Lab File: BF086638.D

Acq: 3 May 2016 12:01

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)K

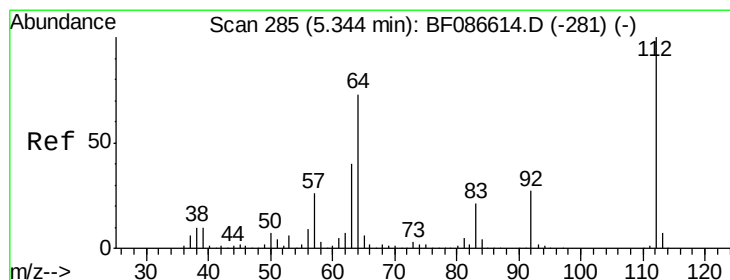
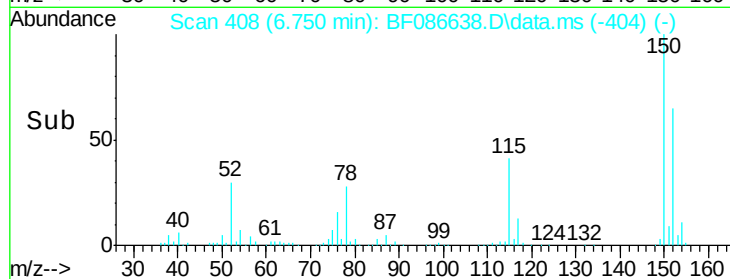
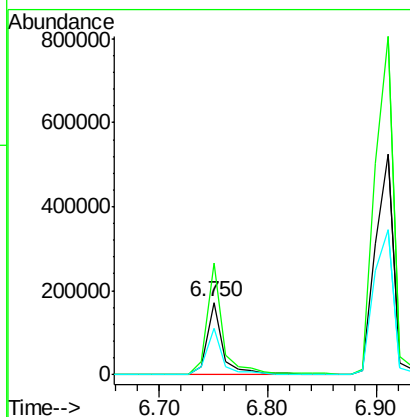
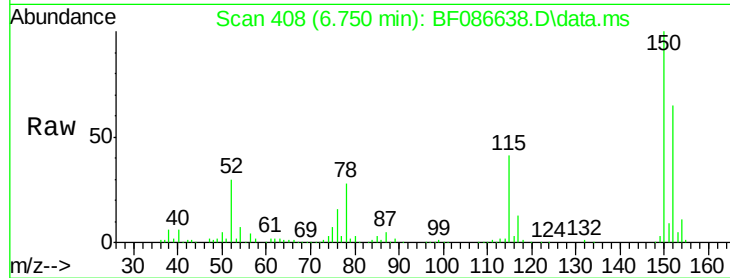
Tot Ion:152 Resp: 175701

Ion Ratio Lower Upper

152 100

150 154.6 125.8 188.6

115 63.2 51.5 77.3



#5

2-Fluorophenol

Concen: 120.82 ng

RT: 5.344 min Scan# 285

Delta R.T. -0.045 min

Lab File: BF086638.D

Acq: 3 May 2016 12:01

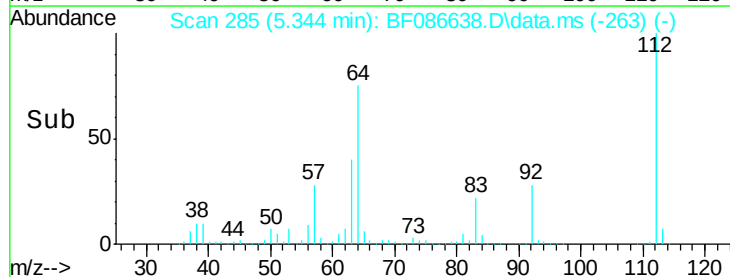
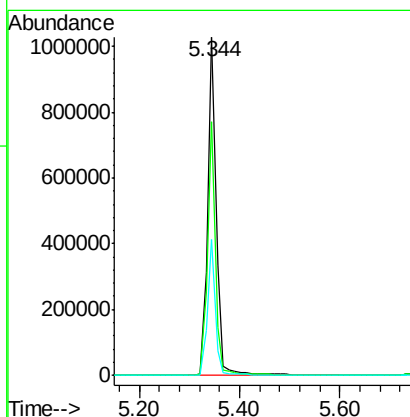
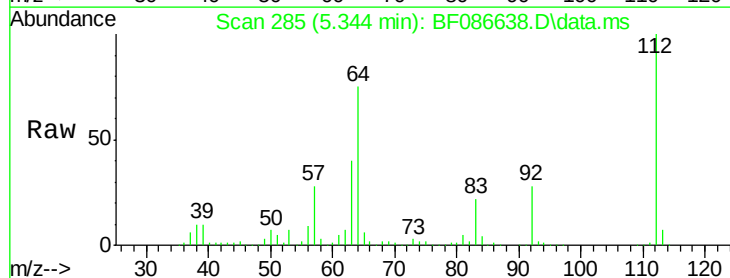
Tgt Ion:112 Resp: 1230729

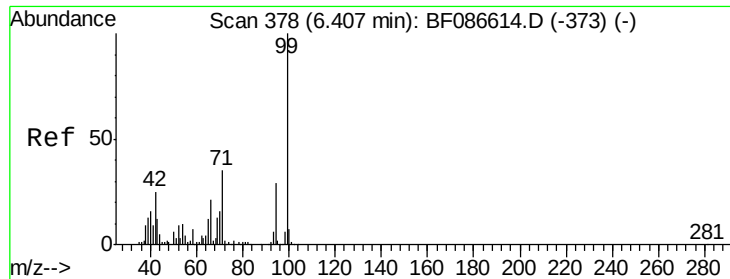
Ion Ratio Lower Upper

112 100

64 74.9 52.1 78.1

63 40.3 25.7 38.5#





#7

Phenol-d6

Concen: 138.45 ng

RT: 6.396 min Scan# 37

Delta R.T. -0.045 min

Lab File: BF086638.D

Acq: 3 May 2016 12:01

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)K

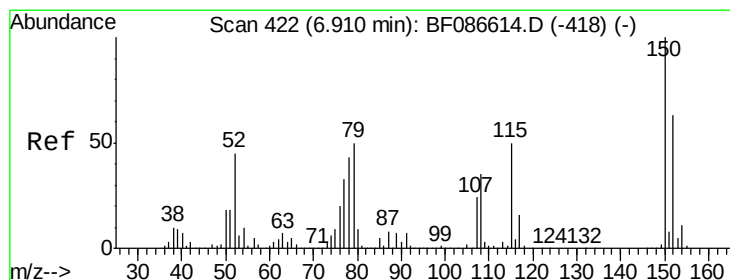
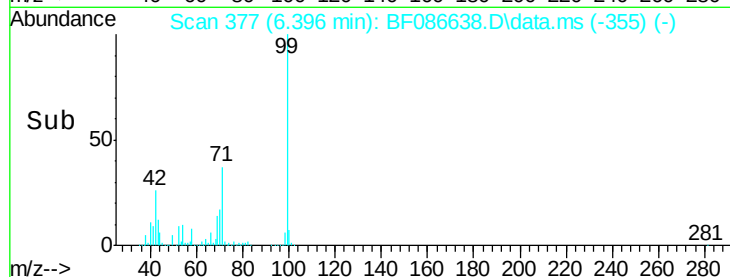
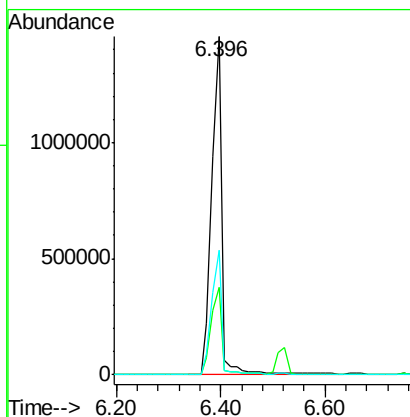
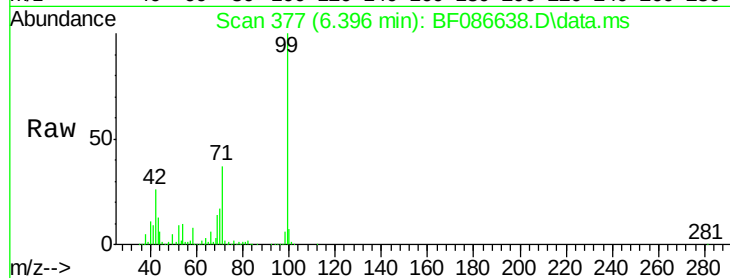
Tot Ion: 99 Resp: 1968274

Ion Ratio Lower Upper

99 100

42 26.0 13.6 20.4#

71 36.9 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.15 ng

RT: 6.910 min Scan# 422

Delta R.T. -0.045 min

Lab File: BF086638.D

Acq: 3 May 2016 12:01

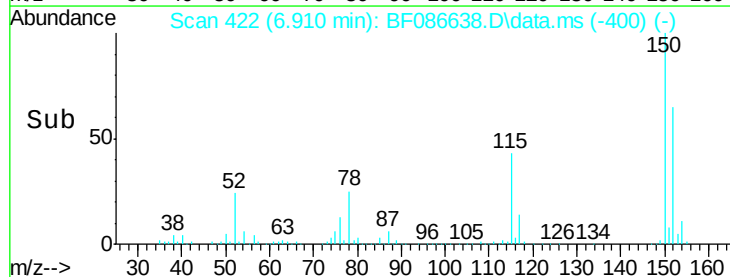
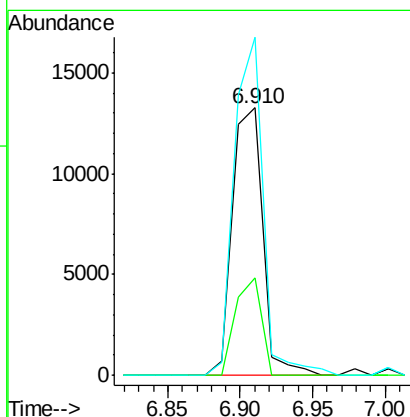
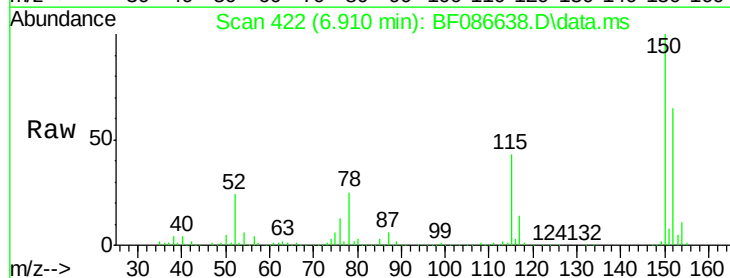
Tgt Ion: 79 Resp: 19294

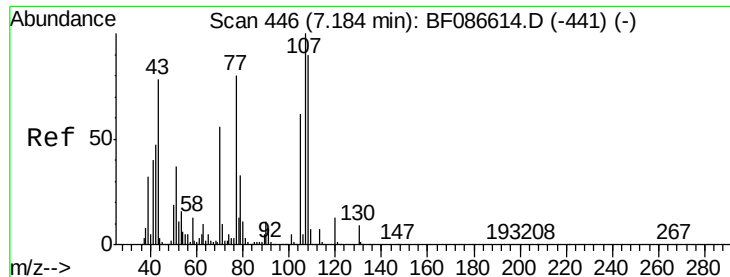
Ion Ratio Lower Upper

79 100

108 36.5 68.4 102.6#

77 126.6 50.6 76.0#

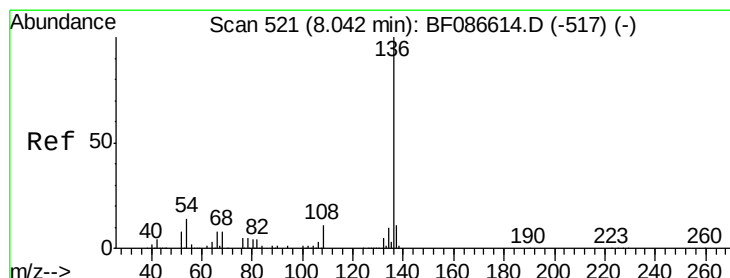
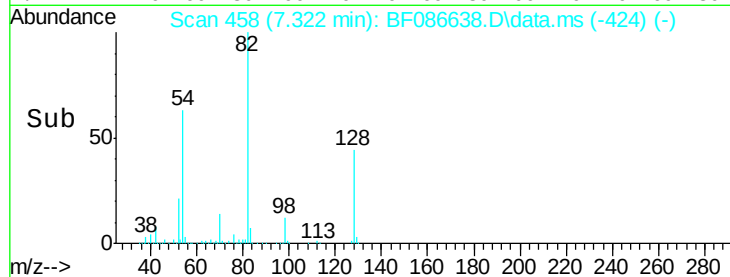
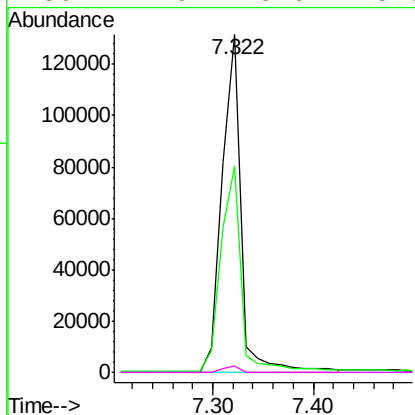
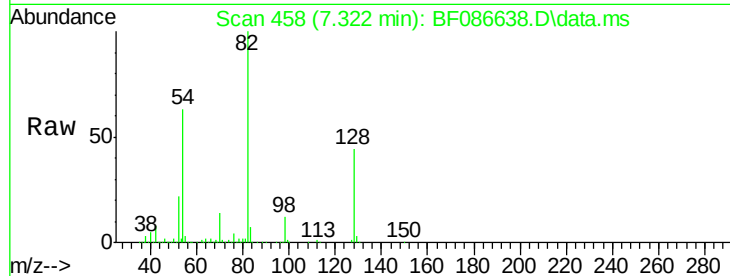




#19
n-Nitroso-di-n-propylamine
Concen: 18.45 ng
RT: 7.322 min Scan# 45
Delta R.T. 0.092 min
Lab File: BF086638.D
Acq: 3 May 2016 12:01

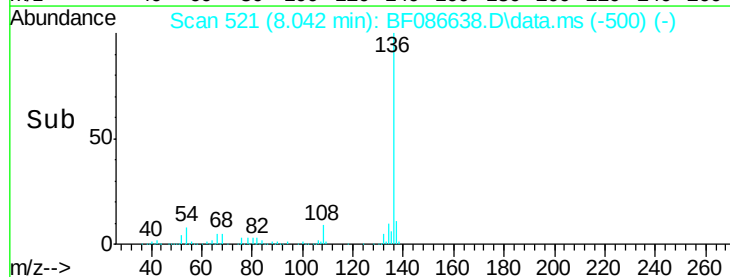
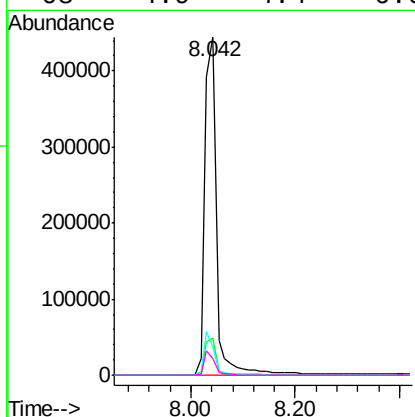
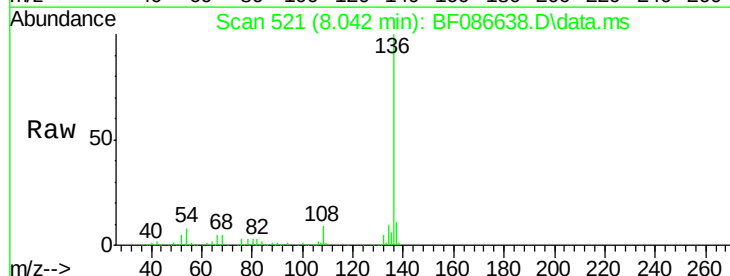
Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)K

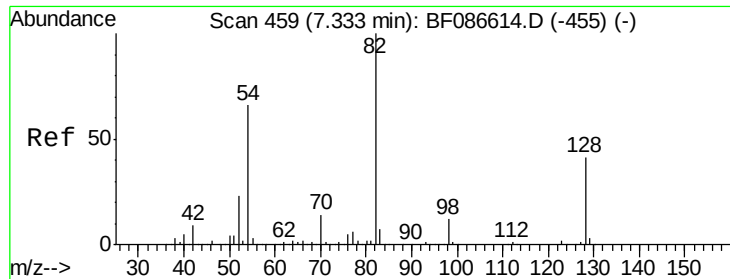
Tot Ion: 70 Resp: 173416
Ion Ratio Lower Upper
70 100
42 60.8 43.1 64.7
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.042 min Scan# 521
Delta R.T. -0.057 min
Lab File: BF086638.D
Acq: 3 May 2016 12:01

Tgt Ion: 136 Resp: 698837
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.3 5.0 7.4#
68 4.9 4.4 6.6

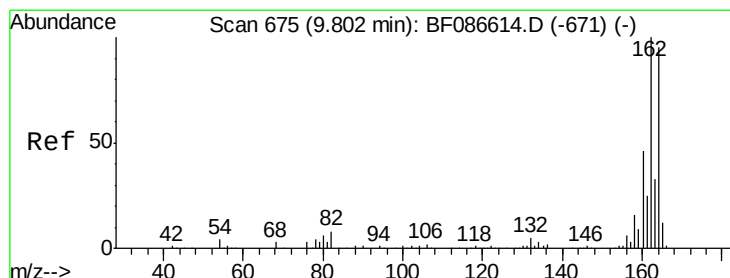
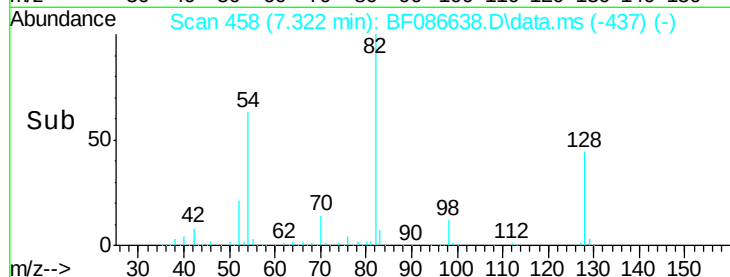
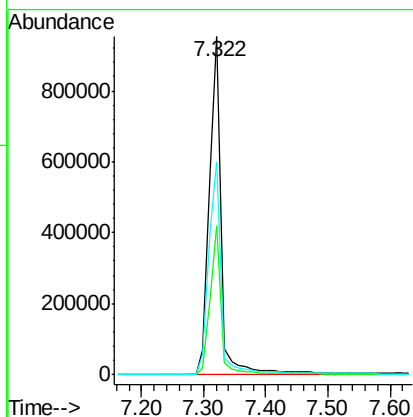
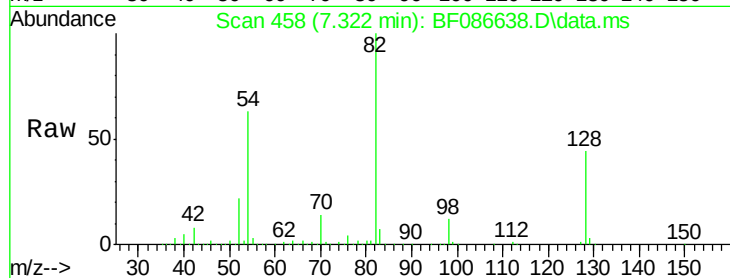




#23
 Nitrobenzene-d5
 Concen: 98.46 ng
 RT: 7.322 min Scan# 45
 Delta R.T. -0.057 min
 Lab File: BF086638.D
 Acq: 3 May 2016 12:01

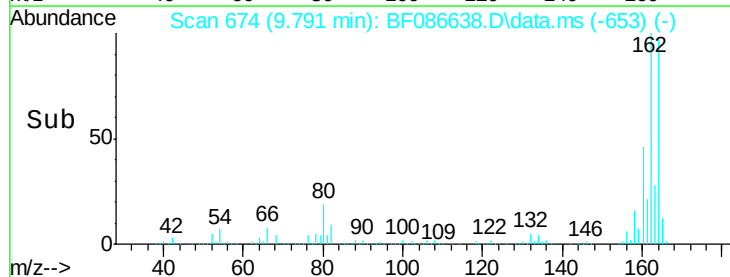
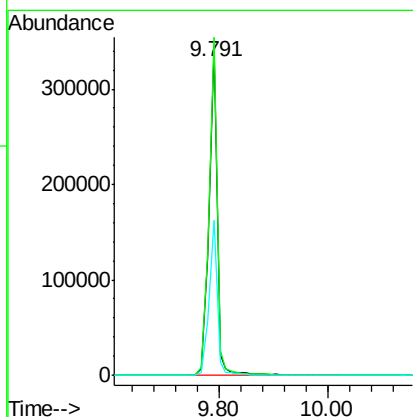
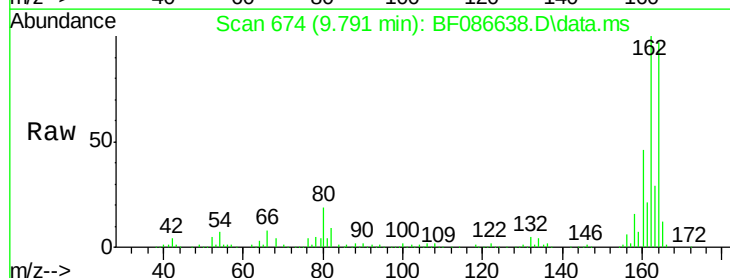
Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)K

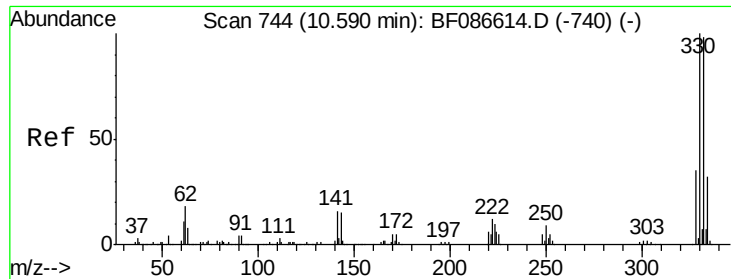
Tot Ion: 82 Resp: 1276494
 Ion Ratio Lower Upper
 82 100
 128 44.1 40.6 61.0
 54 63.0 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.791 min Scan# 674
 Delta R.T. -0.057 min
 Lab File: BF086638.D
 Acq: 3 May 2016 12:01

Tgt Ion: 164 Resp: 358175
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.8 124.2
 160 47.3 36.9 55.3

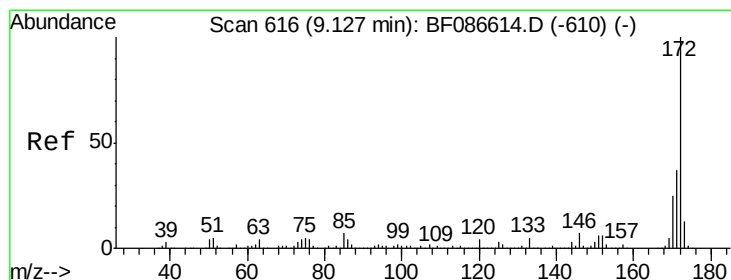
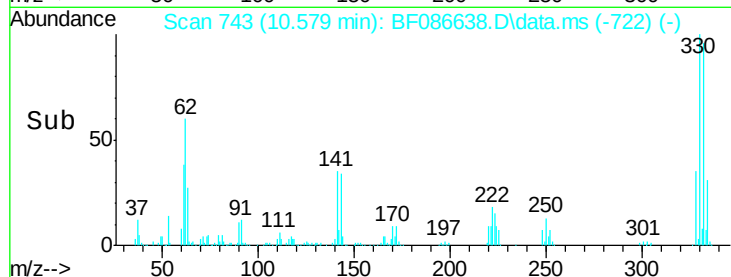
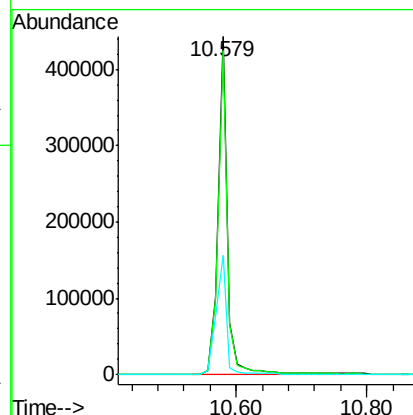
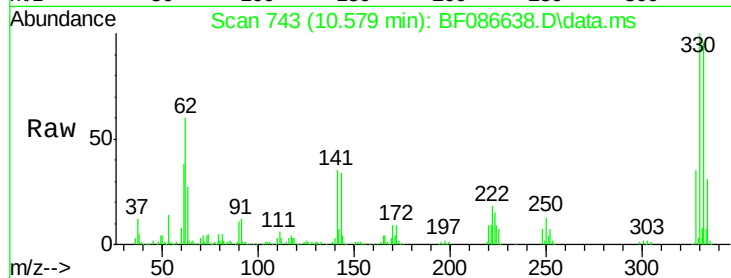




#41
 2,4,6-Tribromophenol
 Concen: 121.52 ng
 RT: 10.579 min Scan# 74
 Delta R.T. -0.057 min
 Lab File: BF086638.D
 Acq: 3 May 2016 12:01

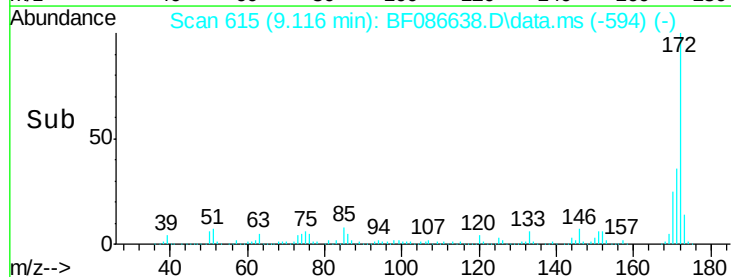
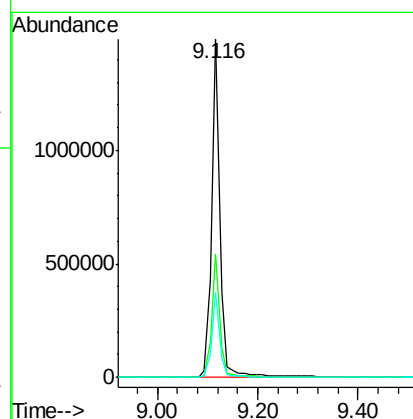
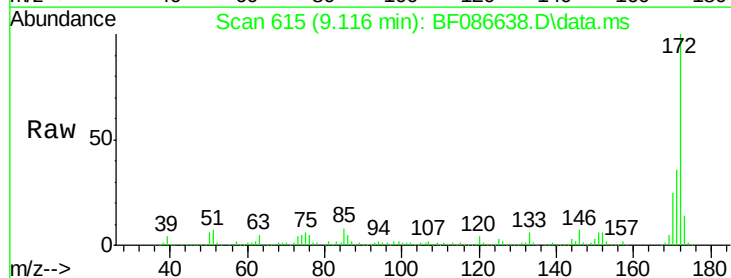
Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)K

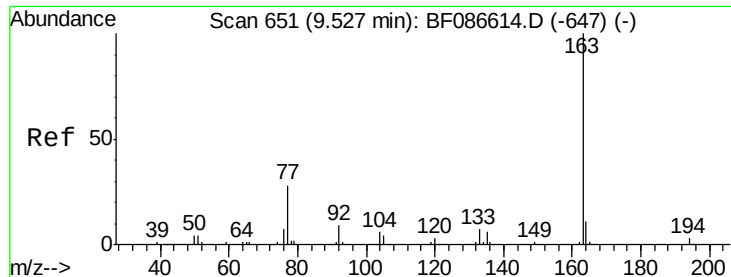
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	79.0	118.4
141	39.4	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 84.87 ng
 RT: 9.116 min Scan# 615
 Delta R.T. -0.057 min
 Lab File: BF086638.D
 Acq: 3 May 2016 12:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	25.0	19.8	29.8





#49

Dimethylphthalate

Concen: 7.08 ng

RT: 9.516 min Scan# 651

Delta R.T. -0.057 min

Lab File: BF086638.D

Acq: 3 May 2016 12:01

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)K

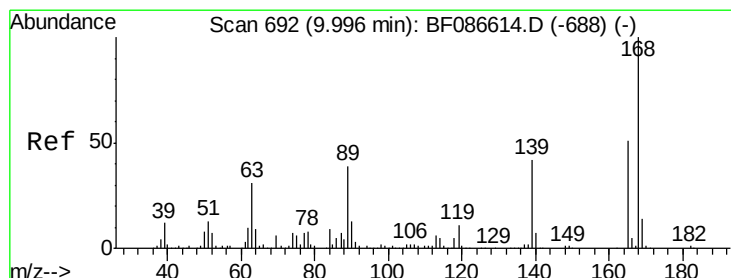
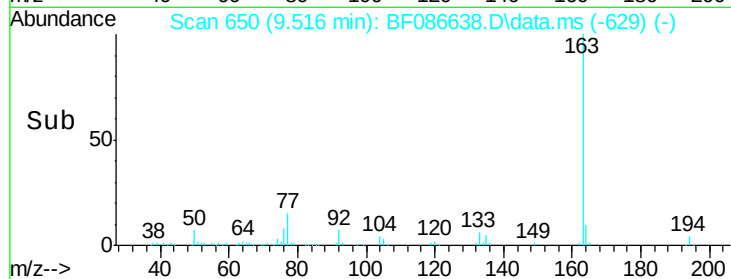
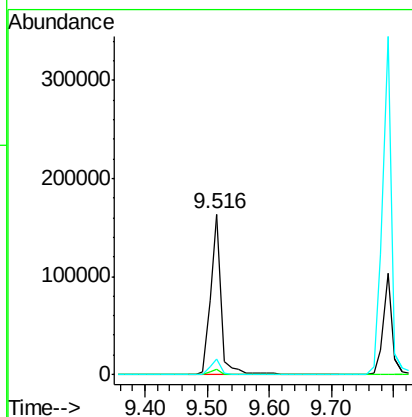
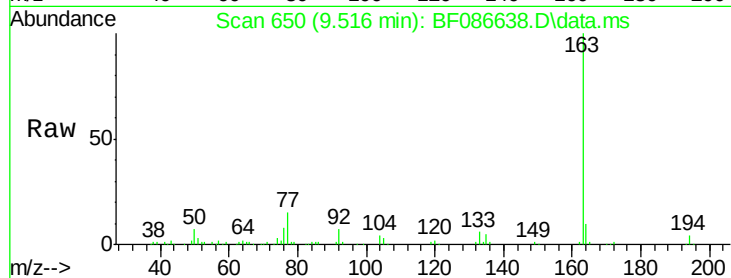
Tot Ion:163 Resp: 190972

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

164 9.7 8.2 12.4



#56

2,4-Dinitrotoluene

Concen: 6.29 ng

RT: 9.791 min Scan# 674

Delta R.T. -0.251 min

Lab File: BF086638.D

Acq: 3 May 2016 12:01

Tgt Ion:165 Resp: 44635

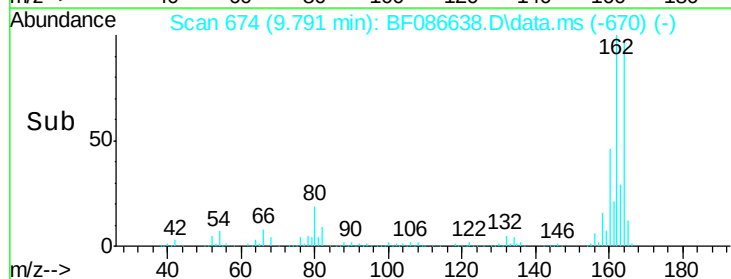
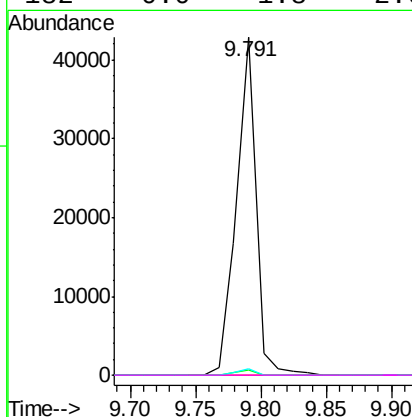
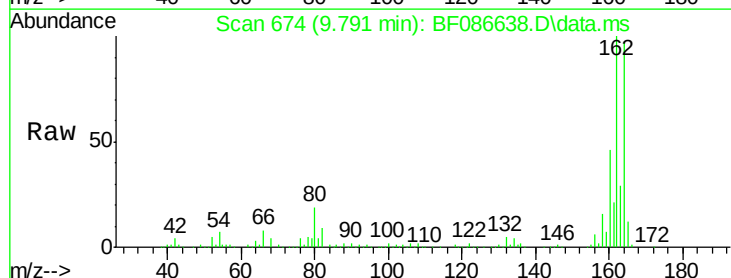
Ion Ratio Lower Upper

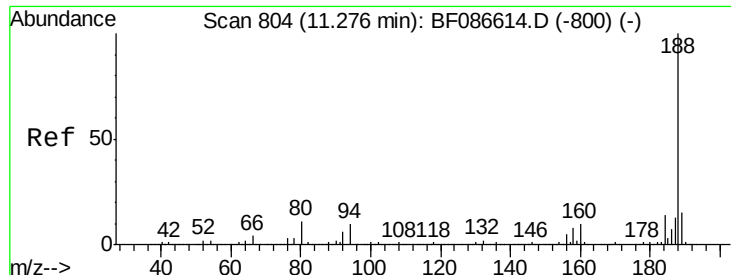
165 100

63 1.6 44.3 66.5#

89 2.1 70.0 105.0#

182 0.0 1.8 2.6#

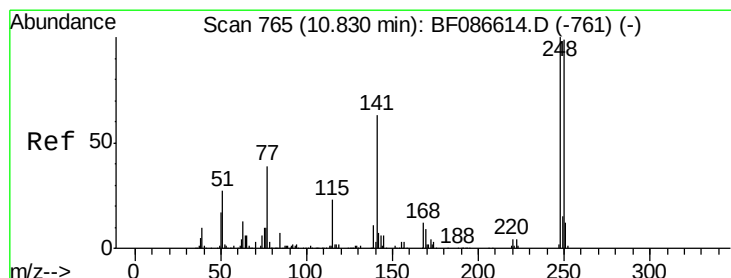
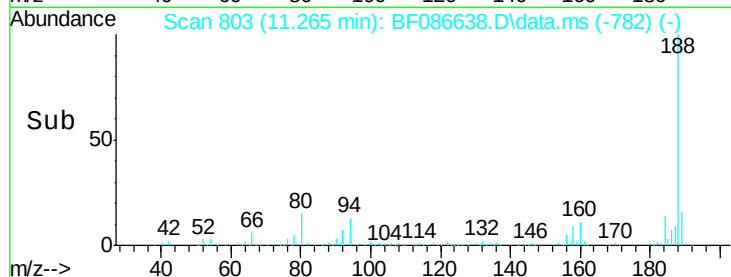
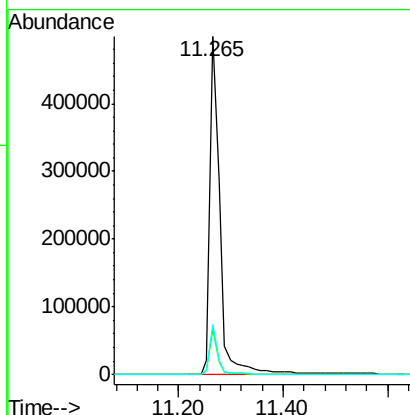
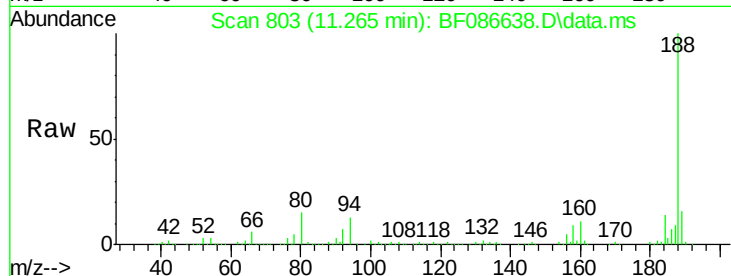




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.265 min Scan# 80
Delta R.T. -0.057 min
Lab File: BF086638.D
Acq: 3 May 2016 12:01

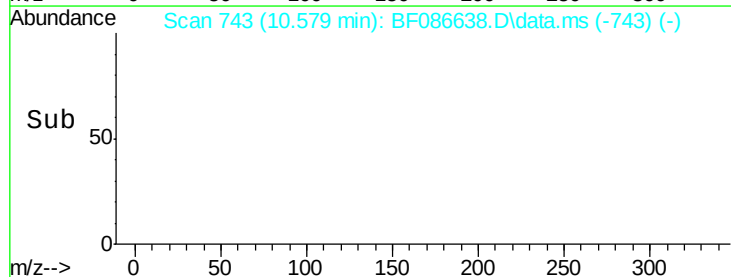
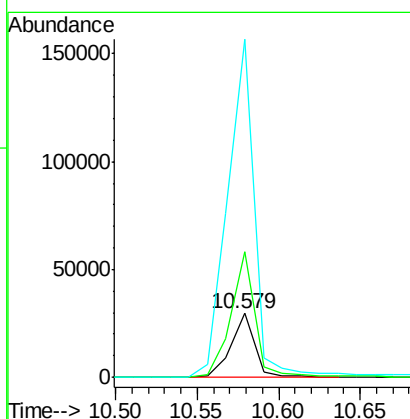
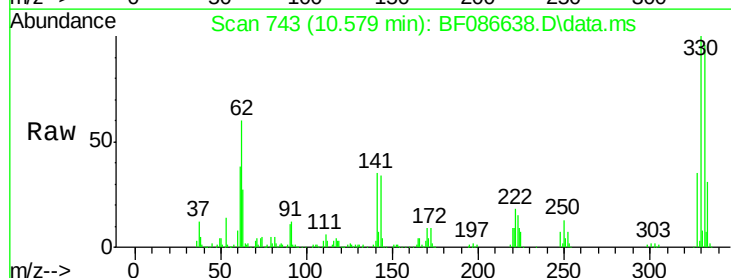
Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)K

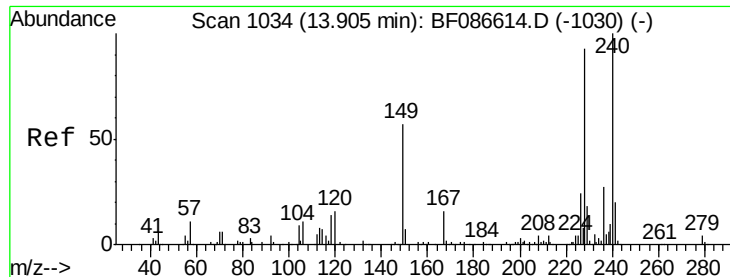
Tot Ion:188 Resp: 658538
Ion Ratio Lower Upper
188 100
94 13.3 6.8 10.2#
80 14.8 7.1 10.7#



#66
4-Bromophenyl-phenylether
Concen: 4.35 ng
RT: 10.579 min Scan# 743
Delta R.T. -0.297 min
Lab File: BF086638.D
Acq: 3 May 2016 12:01

Tgt Ion:248 Resp: 29497
Ion Ratio Lower Upper
248 100
250 197.9 78.6 117.8#
141 530.3 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.905 min Scan# 10

Delta R.T. -0.057 min

Lab File: BF086638.D

Acq: 3 May 2016 12:01

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)K

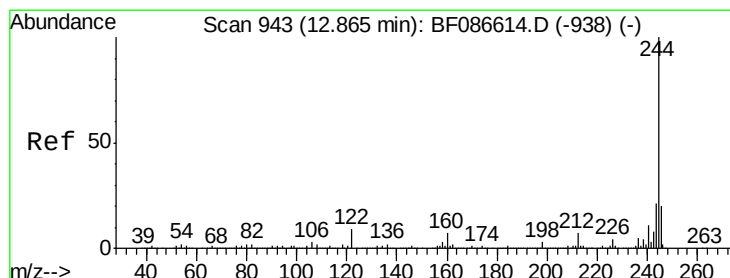
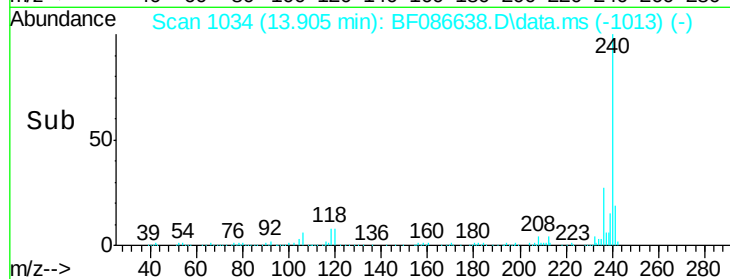
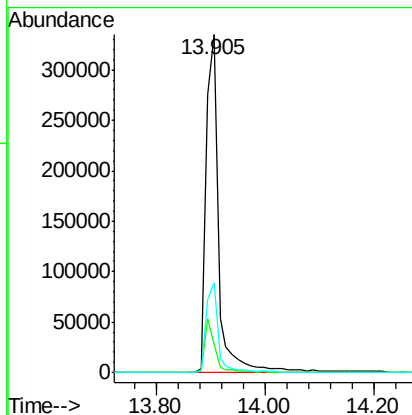
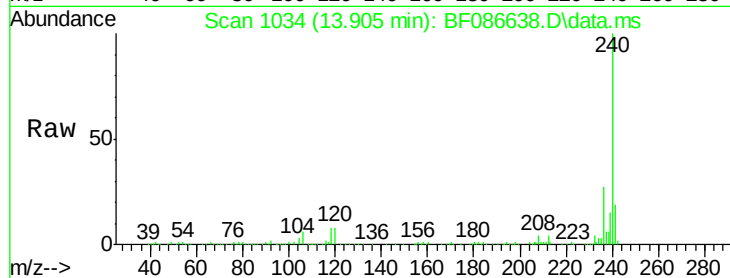
Tot Ion:240 Resp: 534500

Ion Ratio Lower Upper

240 100

120 8.3 11.2 16.8#

236 26.6 21.2 31.8



#78

Terphenyl-d14

Concen: 75.98 ng

RT: 12.865 min Scan# 943

Delta R.T. -0.045 min

Lab File: BF086638.D

Acq: 3 May 2016 12:01

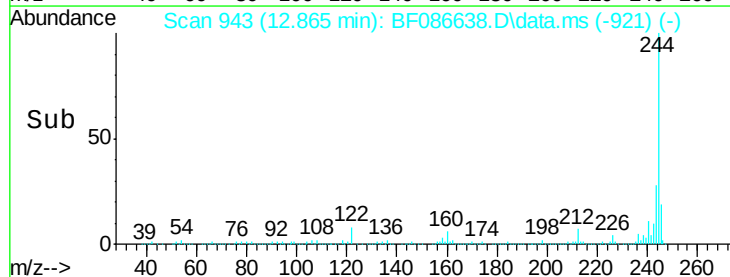
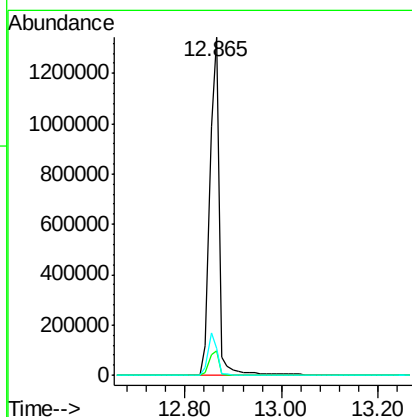
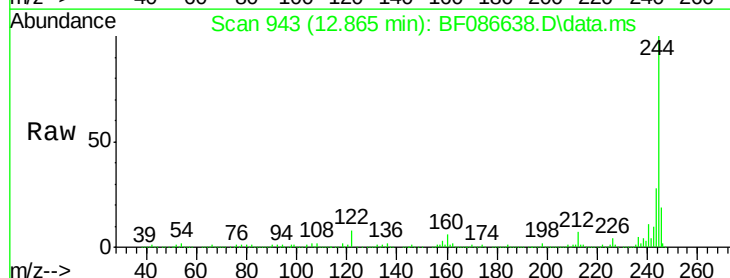
Tgt Ion:244 Resp: 1843310

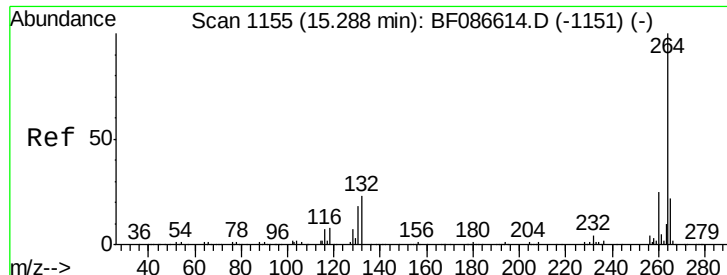
Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

122 7.9 12.0 18.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.288 min Scan# 11
Delta R.T. -0.068 min
Lab File: BF086638.D
Acq: 3 May 2016 12:01

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)K

Tot Ion:264 Resp: 405641
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 21.6 17.3 25.9

