

Data Path : Z:\HPCHEM1\BNA F\Data\BF072916\
 Data File : BF089400.D
 Acq On : 29 Jul 2016 9:20
 Operator : UM/SJ
 Sample : H4186-25
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-2

Quant Time: Jul 29 11:10:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:12:17 2016
 Response via : Initial Calibration

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

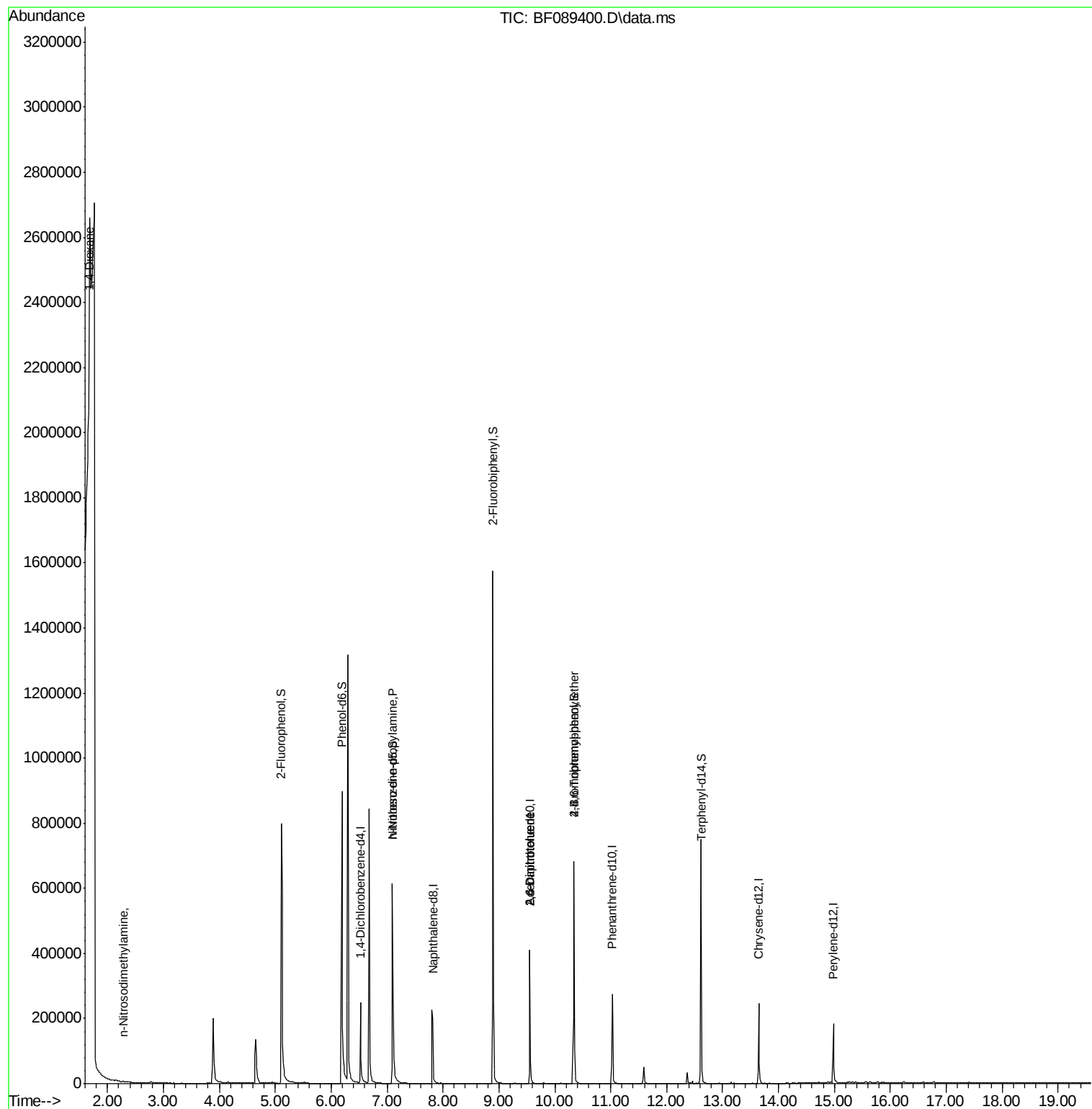
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.525	152	47404	20.00	ng	-0.02
21) Naphthalene-d8	7.816	136	177163	20.00	ng	-0.01
38) Acenaphthene-d10	9.553	164	78004	20.00	ng	-0.02
63) Phenanthrene-d10	11.028	188	118341	20.00	ng	-0.02
75) Chrysene-d12	13.645	240	94022	20.00	ng	-0.02
86) Perylene-d12	14.983	264	82062	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.107	112	354870	119.53	ng	0.00
7) Phenol-d6	6.193	99	466780	118.97	ng	-0.01
23) Nitrobenzene-d5	7.096	82	291736	97.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.342	330	78453	121.44	ng	-0.02
44) 2-Fluorobiphenyl	8.891	172	510358	96.02	ng	-0.02
78) Terphenyl-d14	12.617	244	333621	83.05	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	1.678	88	27969	18.94	ng	# 26
4) n-Nitrosodimethylamine	2.284	42	815	8.30	ng	# 1
19) n-Nitroso-di-n-propyla...	7.096	70	38572	16.30	ng	# 82
50) 2,6-Dinitrotoluene	9.553	165	9586	7.86	ng	# 24
56) 2,4-Dinitrotoluene	9.553	165	9586	5.97	ng	# 7
66) 4-Bromophenyl-phenylether	10.342	248	5949	5.27	ng	# 1

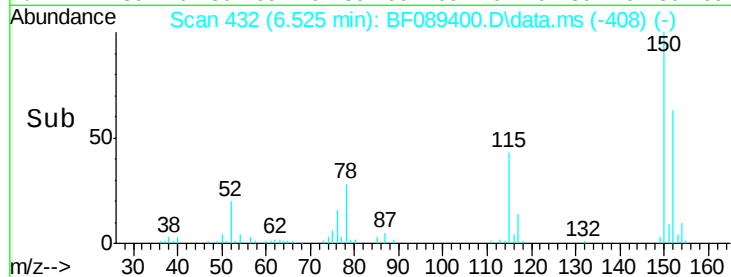
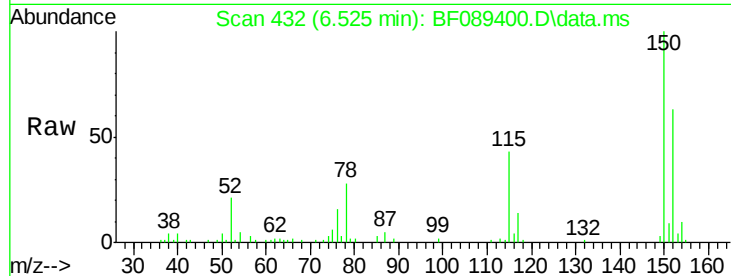
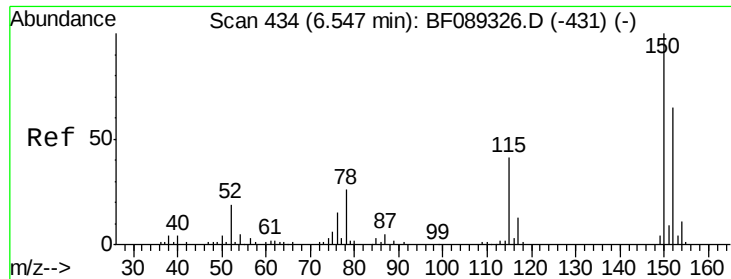
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF072916\
Data File : BF089400.D
Acq On : 29 Jul 2016 9:20
Operator : UM/SJ
Sample : H4186-25
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-2

Quant Time: Jul 29 11:10:57 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:12:17 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.525 min Scan# 43

Delta R.T. -0.023 min

Lab File: BF089400.D

Acq: 29 Jul 2016 9:20

Instrument :

BNA_F

ClientSampleId :

I-2

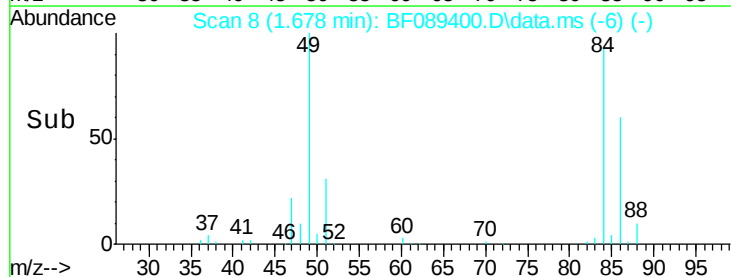
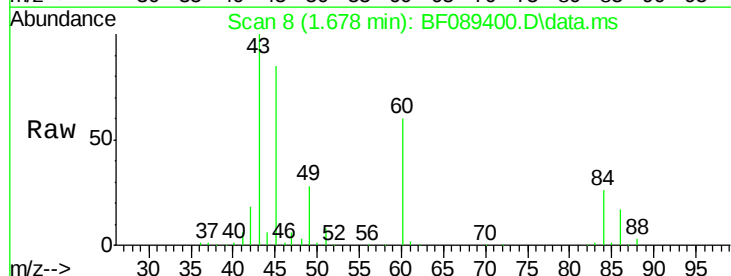
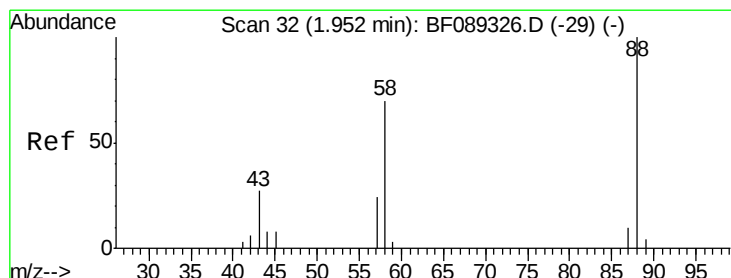
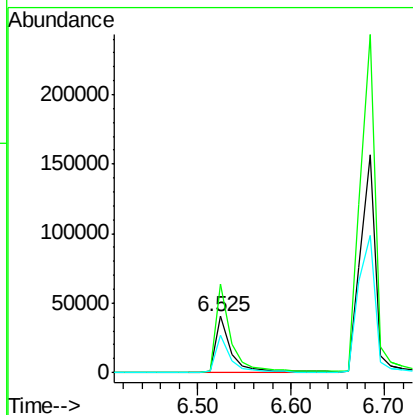
Tot Ion:152 Resp: 47404

Ion Ratio Lower Upper

152 100

150 157.5 129.5 194.3

115 67.3 51.4 77.2



#2

1,4-Dioxane

Concen: 18.94 ng

RT: 1.678 min Scan# 8

Delta R.T. -0.274 min

Lab File: BF089400.D

Acq: 29 Jul 2016 9:20

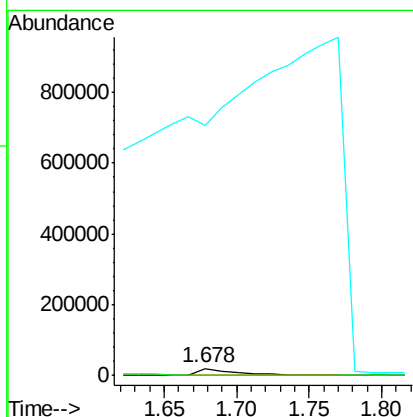
Tgt Ion: 88 Resp: 27969

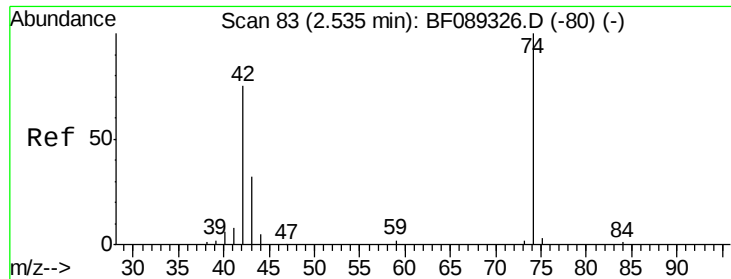
Ion Ratio Lower Upper

88 100

58 0.0 53.2 79.8#

43 0.0 20.6 31.0#





#4

n-Nitrosodimethylamine

Concen: 8.30 ng

RT: 2.284 min Scan# 61

Delta R.T. -0.251 min

Lab File: BF089400.D

Acq: 29 Jul 2016 9:20

Instrument :

BNA_F

ClientSampleId :

I-2

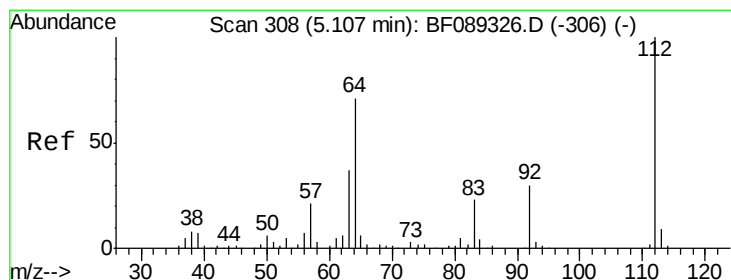
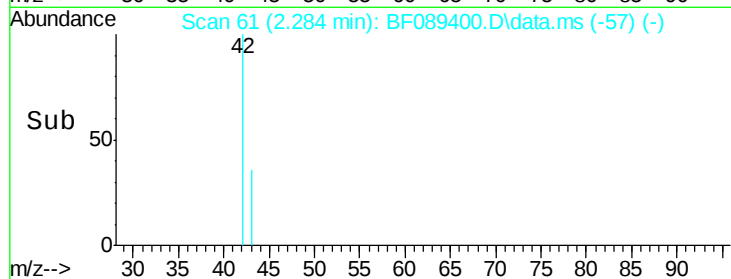
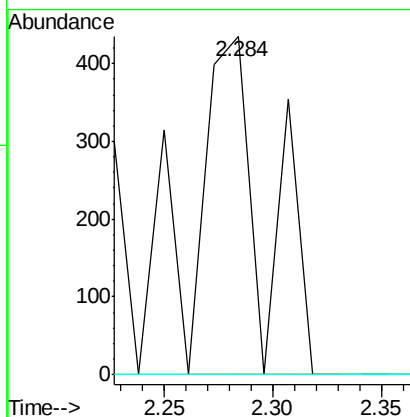
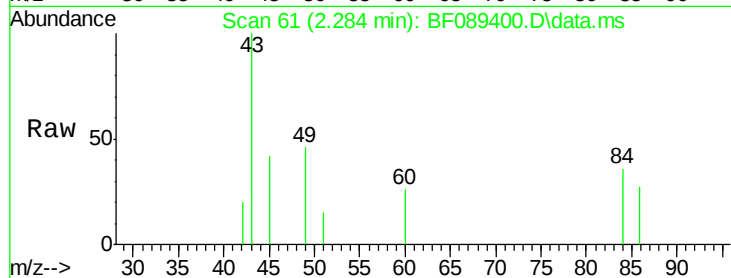
Tot Ion: 42 Resp: 815

Ion Ratio Lower Upper

42 100

74 0.0 110.8 166.2#

44 0.0 5.2 7.8#



#5

2-Fluorophenol

Concen: 119.53 ng

RT: 5.107 min Scan# 308

Delta R.T. 0.000 min

Lab File: BF089400.D

Acq: 29 Jul 2016 9:20

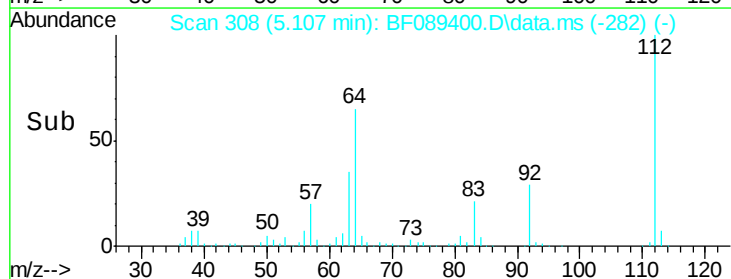
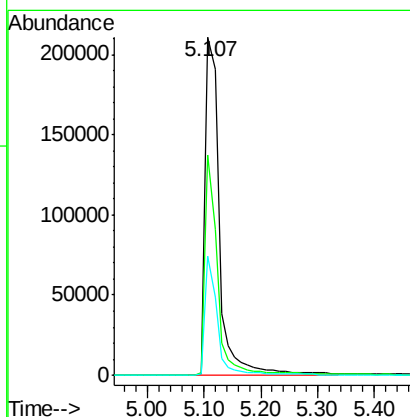
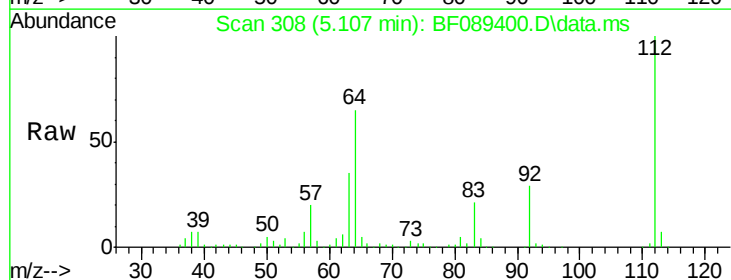
Tgt Ion: 112 Resp: 354870

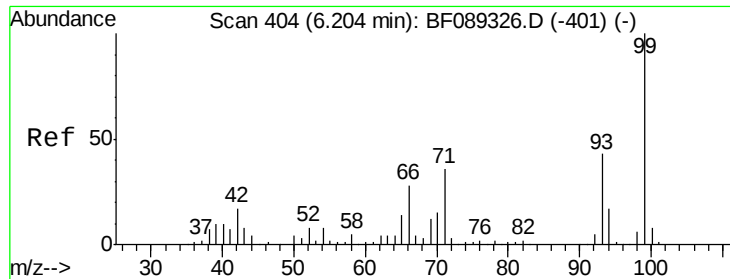
Ion Ratio Lower Upper

112 100

64 65.0 55.0 82.6

63 35.4 29.4 44.2





#7

Phenol-d6

Concen: 118.97 ng

RT: 6.193 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF089400.D

Acq: 29 Jul 2016 9:20

Instrument :

BNA_F

ClientSampleId :

I-2

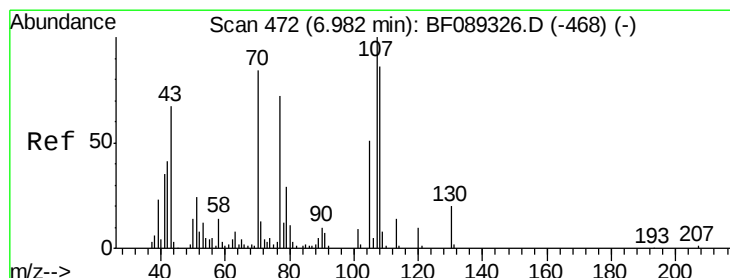
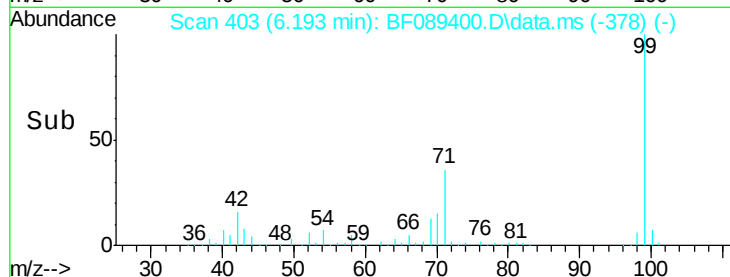
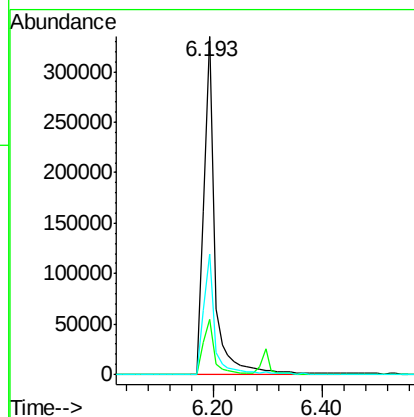
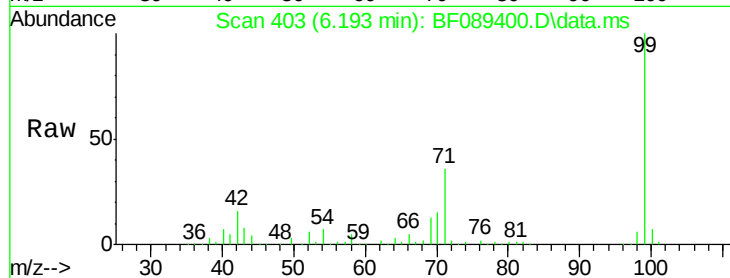
Tot Ion: 99 Resp: 466780

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

71 35.8 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.30 ng

RT: 7.096 min Scan# 482

Delta R.T. 0.115 min

Lab File: BF089400.D

Acq: 29 Jul 2016 9:20

Tgt Ion: 70 Resp: 38572

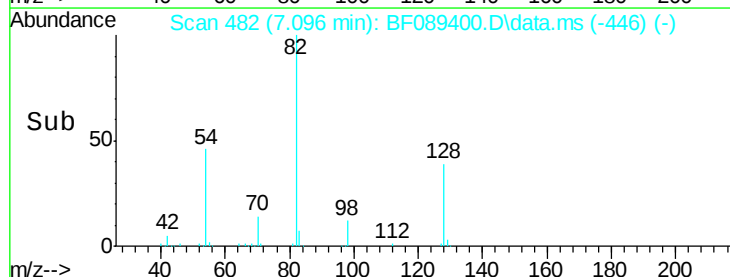
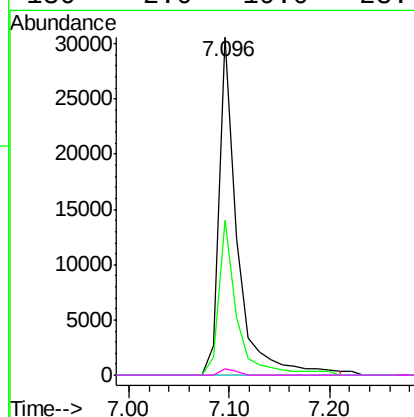
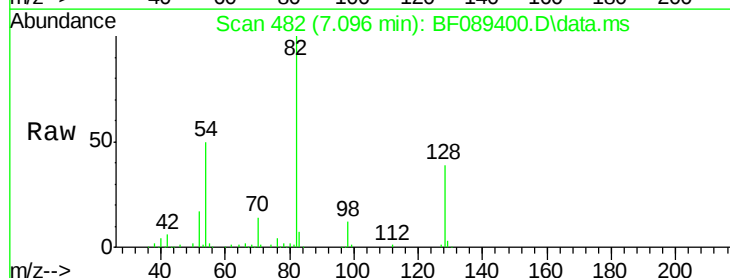
Ion Ratio Lower Upper

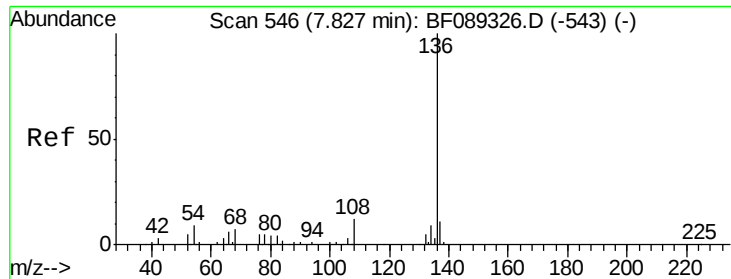
70 100

42 45.7 38.6 57.8

101 0.0 8.3 12.5#

130 2.0 19.0 28.4#

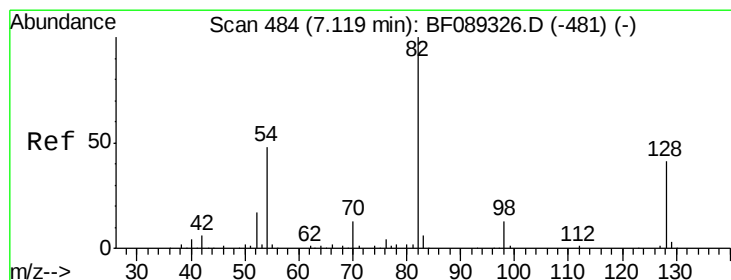
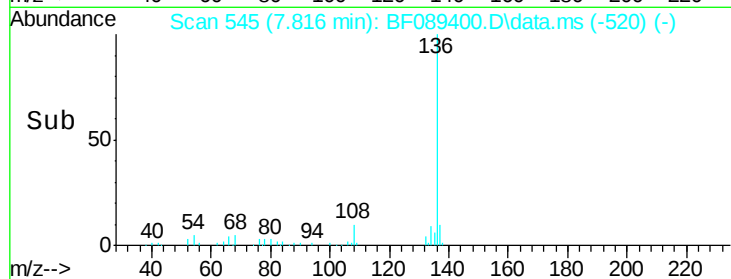
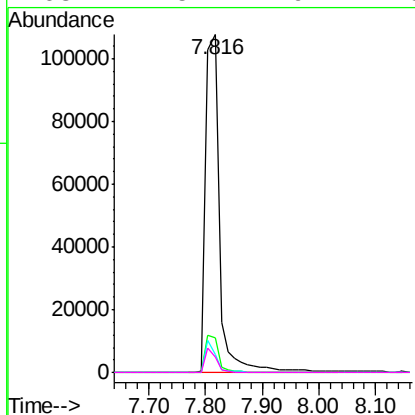
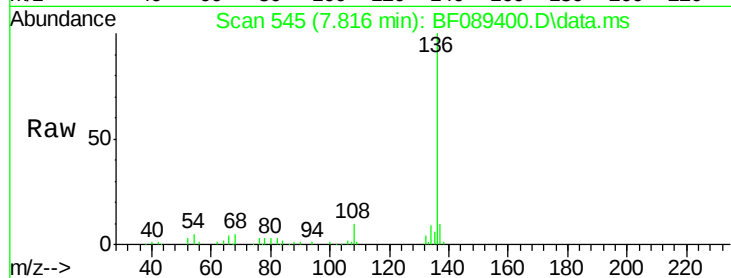




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.816 min Scan# 54
Delta R.T. -0.011 min
Lab File: BF089400.D
Acq: 29 Jul 2016 9:20

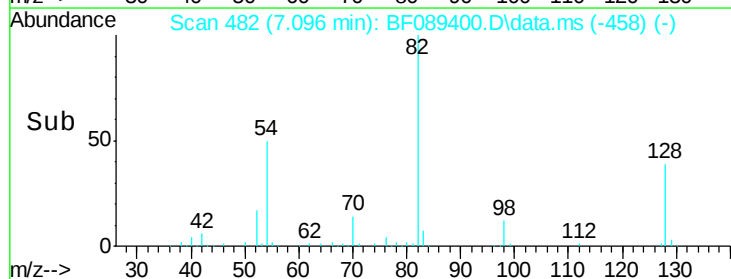
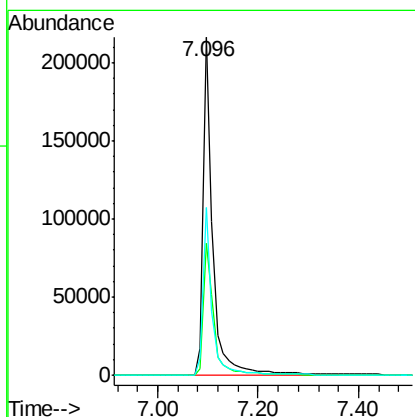
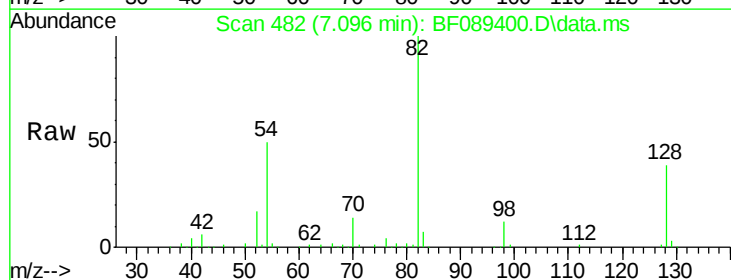
Instrument :
BNA_F
ClientSampleId :
I-2

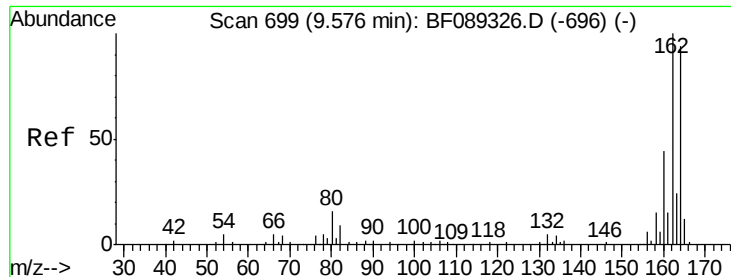
Tot Ion:136	Resp:	177163
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.6 13.0
54	5.2	7.0 10.4#
68	4.5	4.9 7.3#



#23
Nitrobenzene-d5
Concen: 97.20 ng
RT: 7.096 min Scan# 482
Delta R.T. -0.023 min
Lab File: BF089400.D
Acq: 29 Jul 2016 9:20

Tgt Ion: 82	Resp:	291736
Ion Ratio	Lower	Upper
82	100	
128	39.2	32.5 48.7
54	49.7	38.8 58.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.553 min Scan# 69

Delta R.T. -0.023 min

Lab File: BF089400.D

Acq: 29 Jul 2016 9:20

Instrument :

BNA_F

ClientSampleId :

I-2

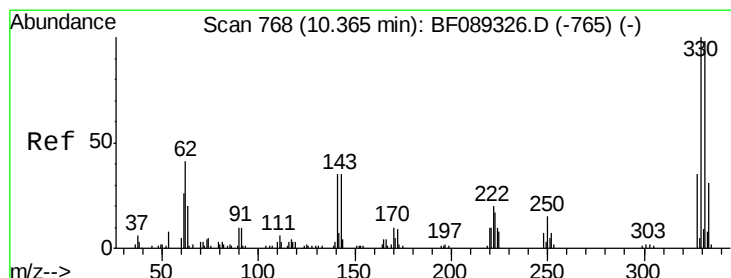
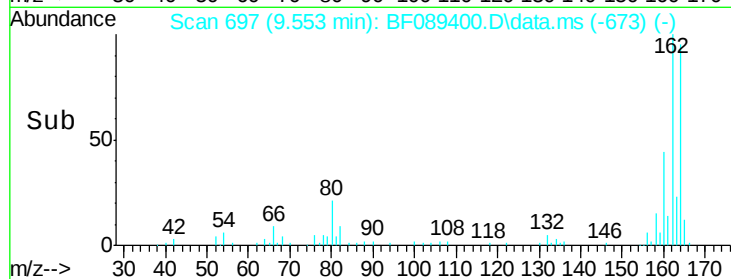
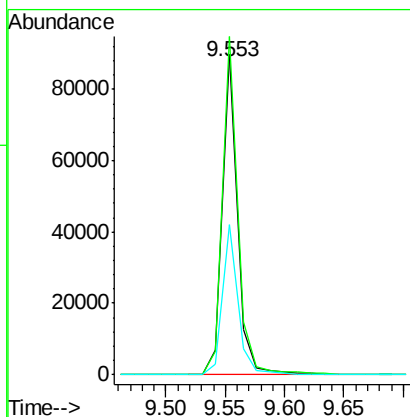
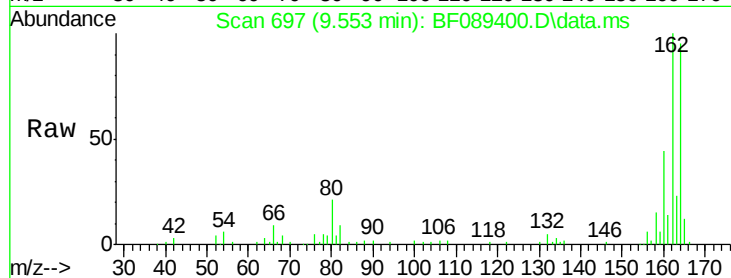
Tot Ion:164 Resp: 78004

Ion Ratio Lower Upper

164 100

162 105.6 83.7 125.5

160 47.0 37.8 56.6



#41

2,4,6-Tribromophenol

Concen: 121.44 ng

RT: 10.342 min Scan# 766

Delta R.T. -0.023 min

Lab File: BF089400.D

Acq: 29 Jul 2016 9:20

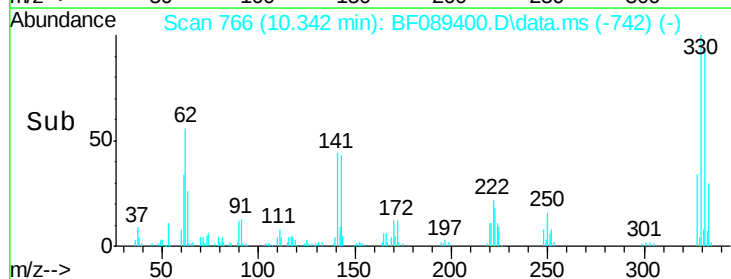
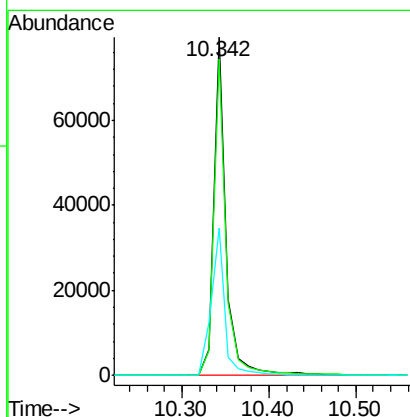
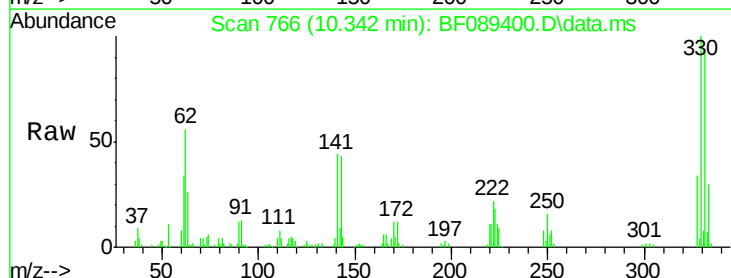
Tgt Ion:330 Resp: 78453

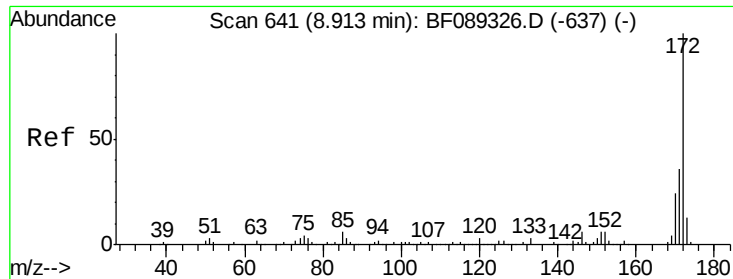
Ion Ratio Lower Upper

330 100

332 94.5 76.8 115.2

141 48.0 37.3 55.9

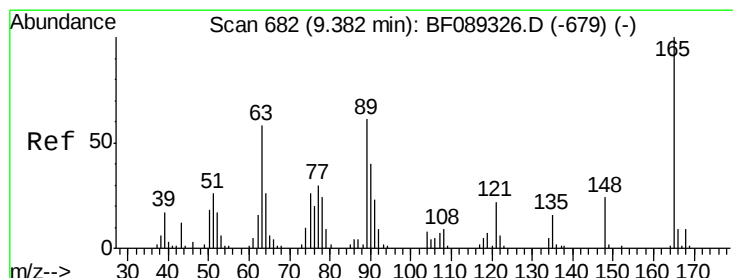
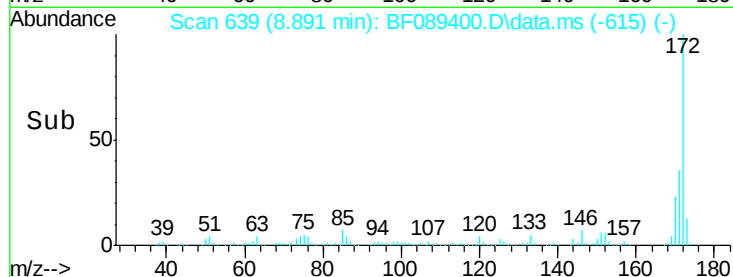
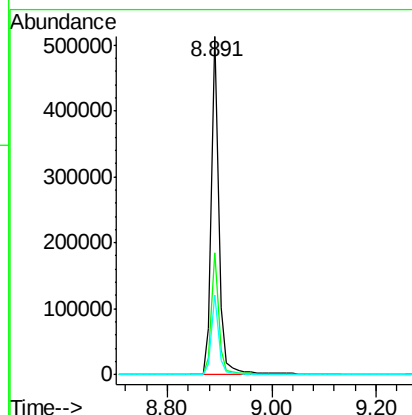
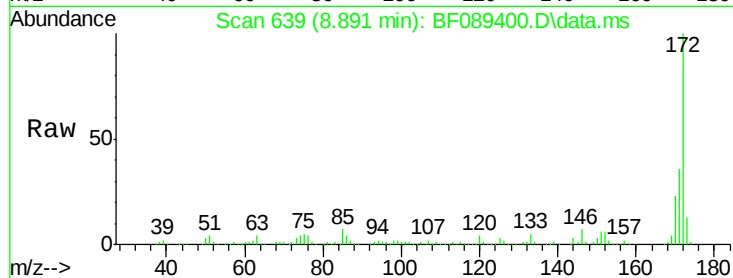




#44
 2-Fluorobiphenyl
 Concen: 96.02 ng
 RT: 8.891 min Scan# 63
 Delta R.T. -0.023 min
 Lab File: BF089400.D
 Acq: 29 Jul 2016 9:20

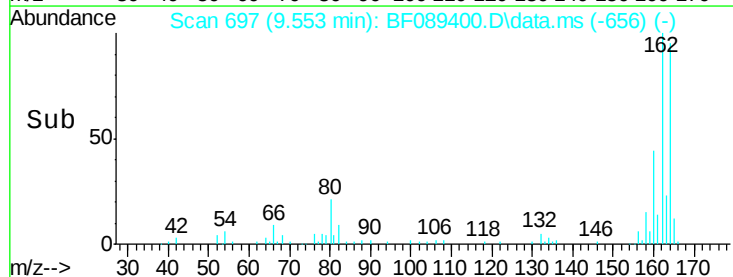
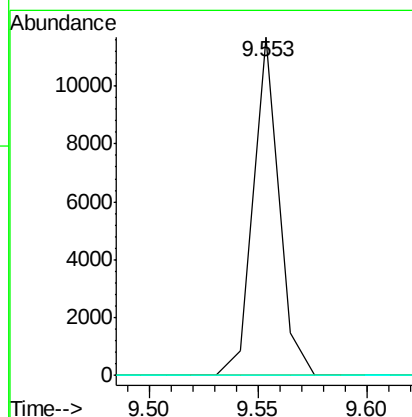
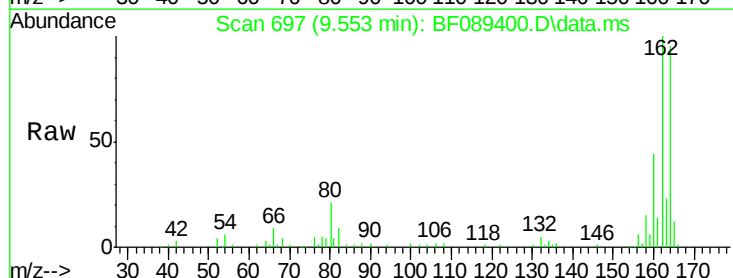
Instrument :
 BNA_F
 ClientSampleId :
 I-2

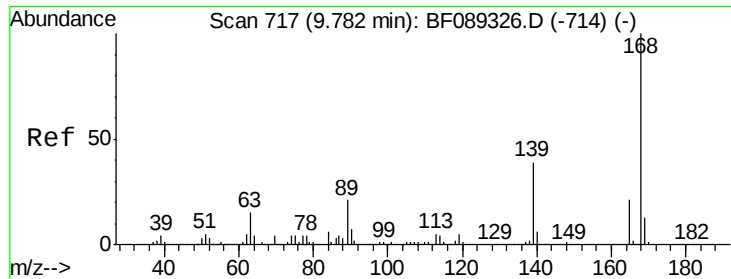
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	23.5	19.2	28.8



#50
 2,6-Dinitrotoluene
 Concen: 7.86 ng
 RT: 9.553 min Scan# 697
 Delta R.T. 0.172 min
 Lab File: BF089400.D
 Acq: 29 Jul 2016 9:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.5	65.3#
89	0.0	45.0	67.4#

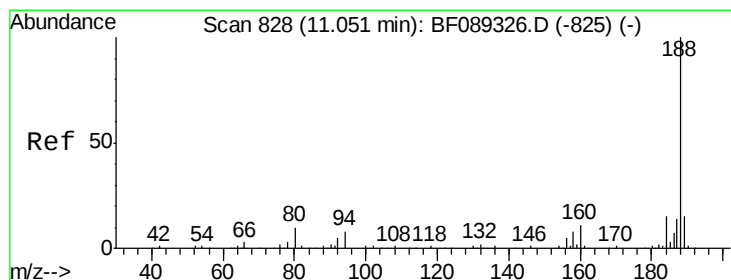
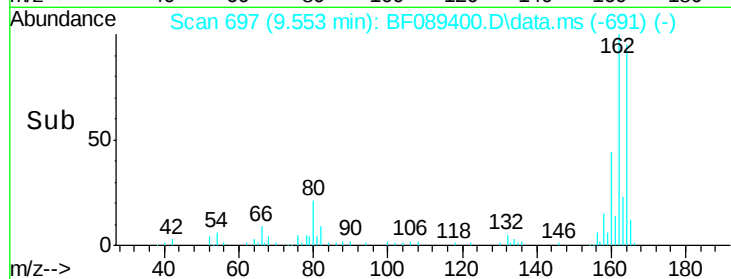
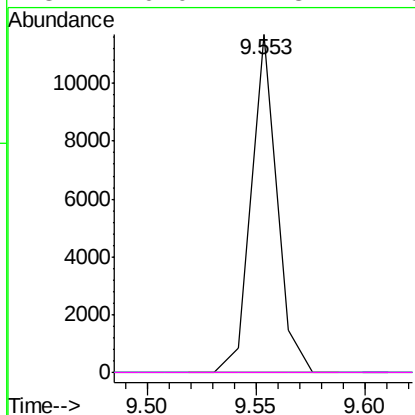
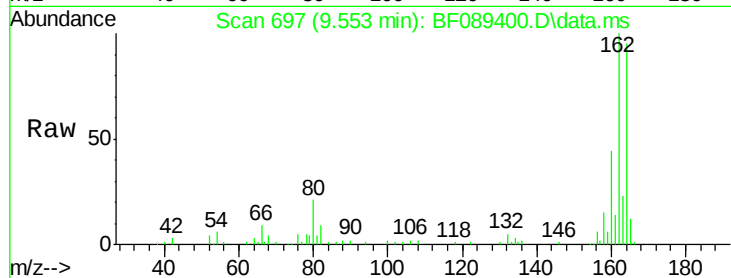




#56
 2,4-Dinitrotoluene
 Concen: 5.97 ng
 RT: 9.553 min Scan# 69
 Delta R.T. -0.228 min
 Lab File: BF089400.D
 Acq: 29 Jul 2016 9:20

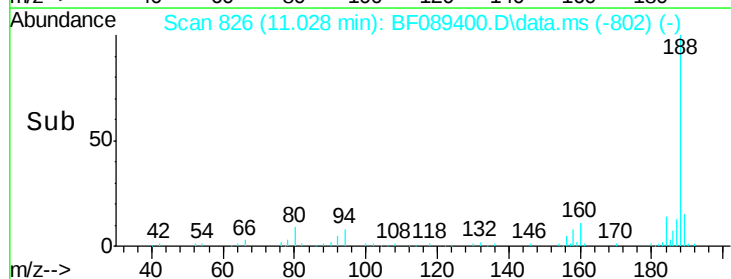
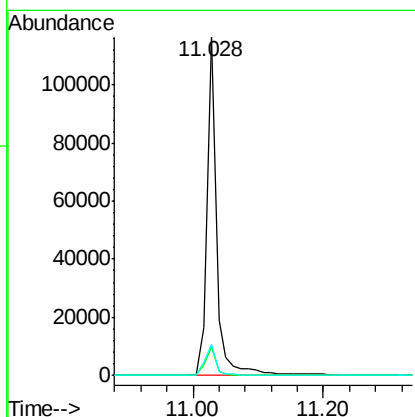
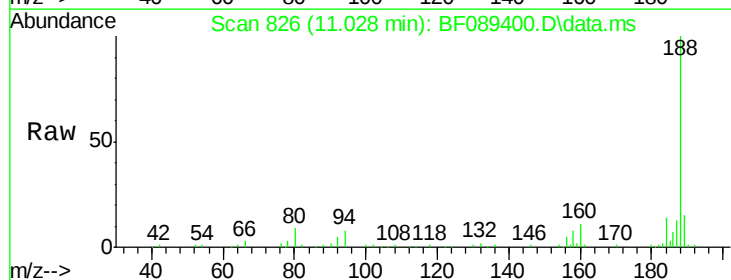
Instrument :
 BNA_F
 ClientSampled :
 I-2

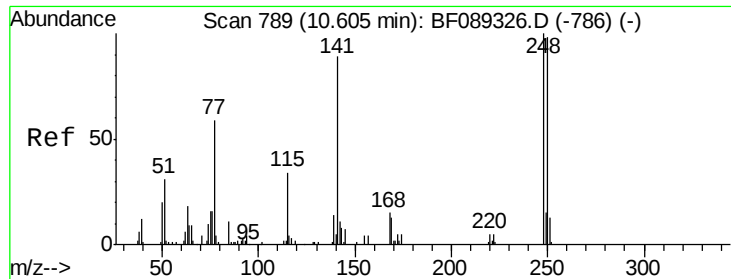
Tot Ion:165 Resp: 9586
 Ion Ratio Lower Upper
 165 100
 63 0.0 58.2 87.2#
 89 0.0 79.1 118.7#
 182 0.0 1.8 2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.028 min Scan# 826
 Delta R.T. -0.023 min
 Lab File: BF089400.D
 Acq: 29 Jul 2016 9:20

Tgt Ion:188 Resp: 118341
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.5 9.7
 80 9.0 7.2 10.8

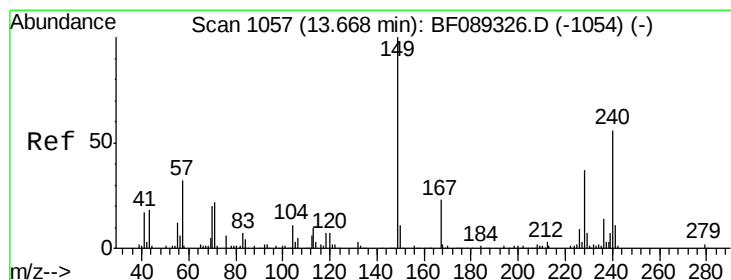
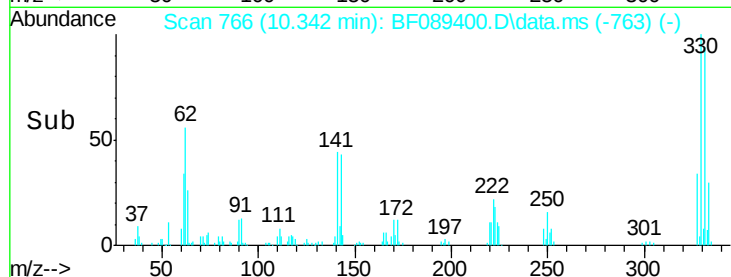
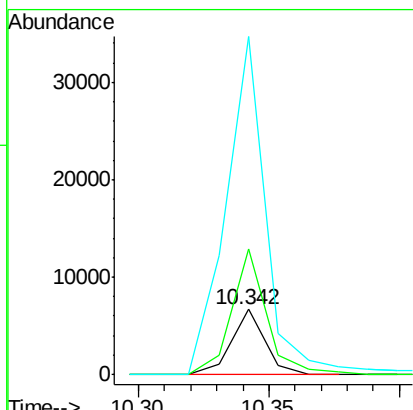
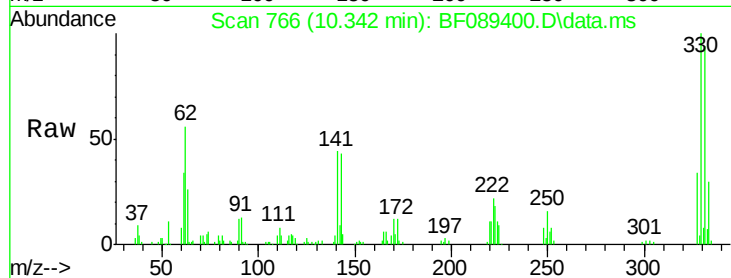




#66
4-Bromophenyl-phenylether
Concen: 5.27 ng
RT: 10.342 min Scan# 76
Delta R.T. -0.263 min
Lab File: BF089400.D
Acq: 29 Jul 2016 9:20

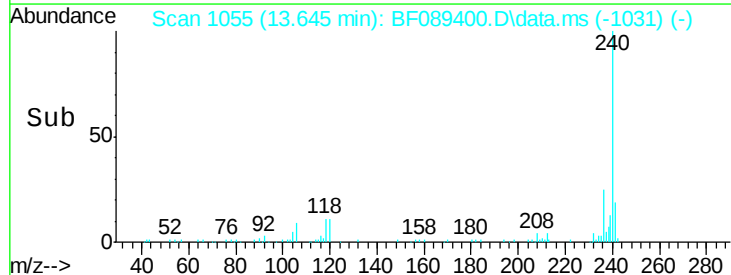
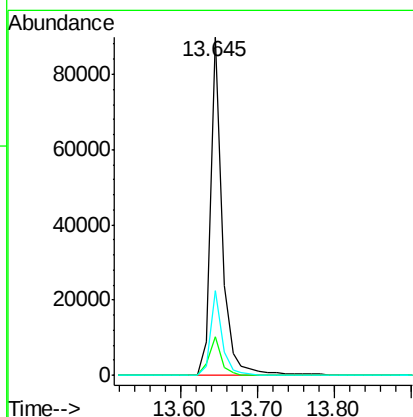
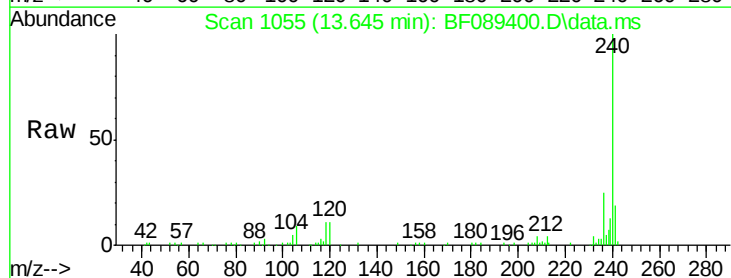
Instrument :
BNA_F
ClientSampleId :
I-2

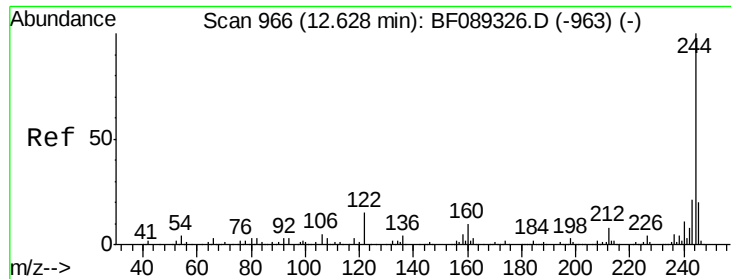
Tot Ion:248 Resp: 5949
Ion Ratio Lower Upper
248 100
250 191.4 78.2 117.2#
141 517.8 62.0 93.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.645 min Scan# 1055
Delta R.T. -0.023 min
Lab File: BF089400.D
Acq: 29 Jul 2016 9:20

Tgt Ion:240 Resp: 94022
Ion Ratio Lower Upper
240 100
120 11.4 9.1 13.7
236 24.9 20.6 30.8





#78

Terphenyl-d14

Concen: 83.05 ng

RT: 12.617 min Scan# 96

Delta R.T. -0.011 min

Lab File: BF089400.D

Acq: 29 Jul 2016 9:20

Instrument :

BNA_F

ClientSampleId :

I-2

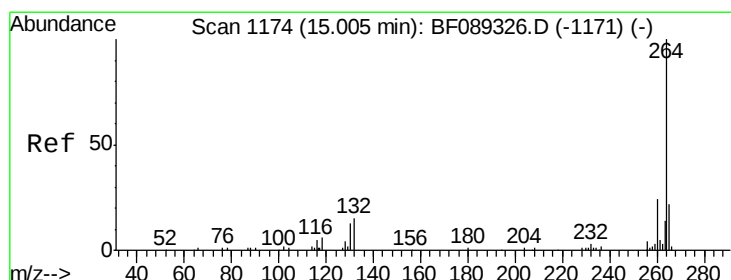
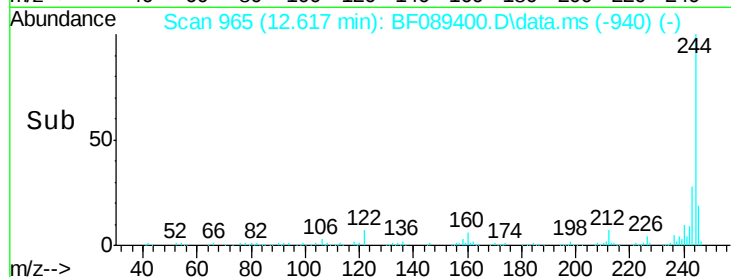
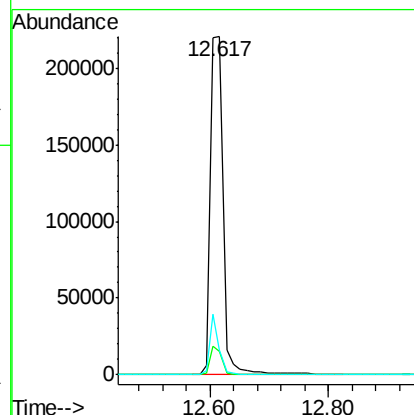
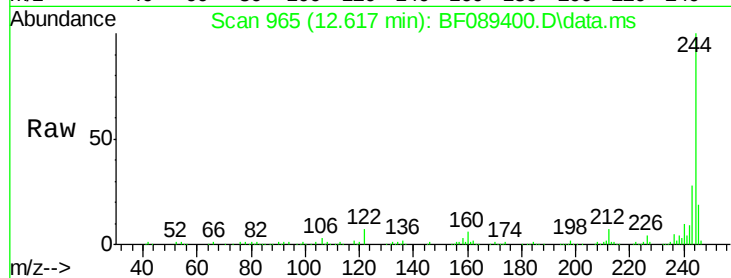
Tot Ion:244 Resp: 333621

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

122 7.3 11.4 17.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.983 min Scan# 1172

Delta R.T. -0.023 min

Lab File: BF089400.D

Acq: 29 Jul 2016 9:20

Tgt Ion:264 Resp: 82062

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 21.8 17.5 26.3

