

Data Path : Z:\HPCHEM1\BNA F\Data\BF091516\
 Data File : BF090089.D
 Acq On : 15 Sep 2016 13:50
 Operator : UM/SJ
 Sample : H4761-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-4

Quant Time: Sep 15 14:57:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 09:41:41 2016
 Response via : Initial Calibration

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

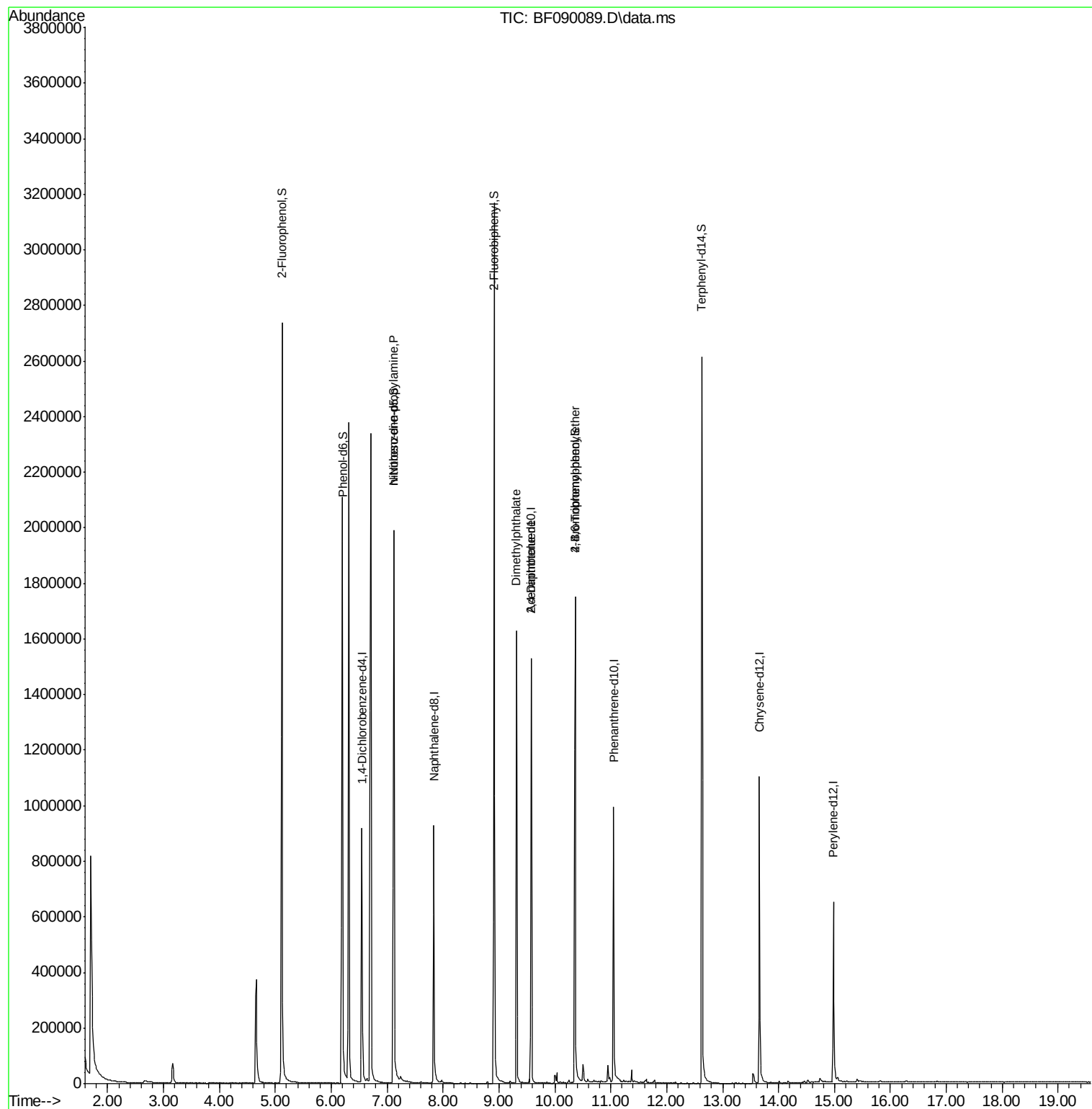
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.547	152	156068	20.00	ng	0.00
21) Naphthalene-d8	7.839	136	625554	20.00	ng	0.00
38) Acenaphthene-d10	9.576	164	300808	20.00	ng	-0.01
63) Phenanthrene-d10	11.051	188	560944	20.00	ng	0.00
75) Chrysene-d12	13.657	240	433281	20.00	ng	-0.01
86) Perylene-d12	14.982	264	305900	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.119	112	1020005	105.11	ng	0.00
7) Phenol-d6	6.204	99	1474060	116.03	ng	0.00
23) Nitrobenzene-d5	7.119	82	845039	75.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.365	330	319984	105.90	ng	-0.01
44) 2-Fluorobiphenyl	8.913	172	1227475	64.08	ng	-0.01
78) Terphenyl-d14	12.628	244	1063466	58.29	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.119	70	104098	13.19	ng	Qvalue # 77
49) Dimethylphthalate	9.313	163	673484	30.14	ng	99
56) 2,4-Dinitrotoluene	9.576	165	39157	6.43	ng	# 15
66) 4-Bromophenyl-phenylether	10.365	248	18217	3.37	ng	# 1

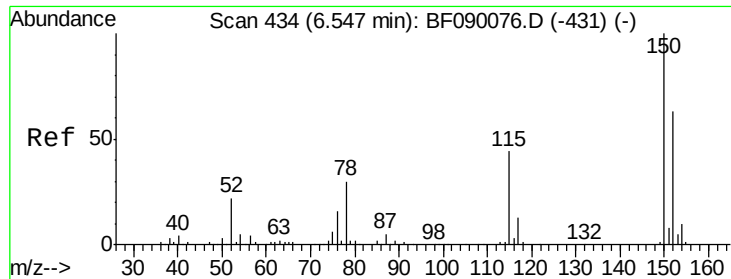
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.547 min Scan# 43

Delta R.T. 0.000 min

Lab File: BF090089.D

Acq: 15 Sep 2016 13:50

Instrument :

BNA_F

ClientSampleId :

UST-4

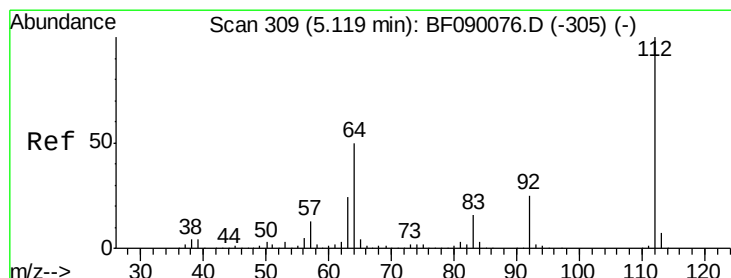
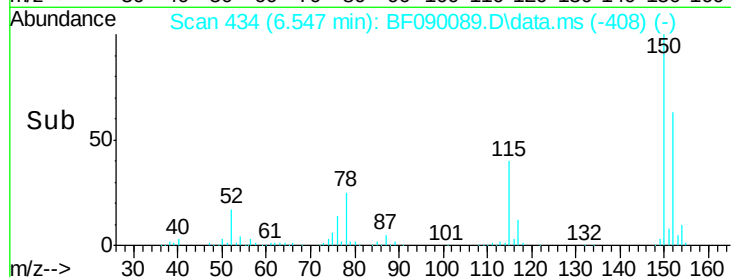
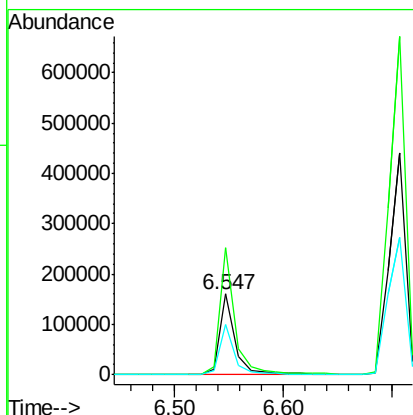
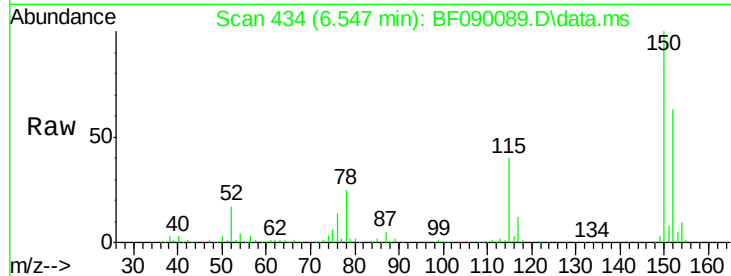
Tot Ion:152 Resp: 156068

Ion Ratio Lower Upper

152 100

150 158.0 128.9 193.3

115 62.9 55.5 83.3



#5

2-Fluorophenol

Concen: 105.11 ng

RT: 5.119 min Scan# 309

Delta R.T. 0.000 min

Lab File: BF090089.D

Acq: 15 Sep 2016 13:50

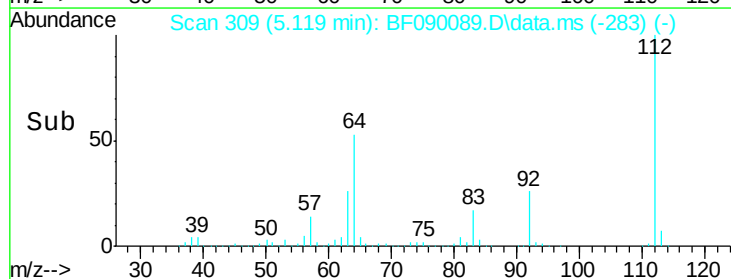
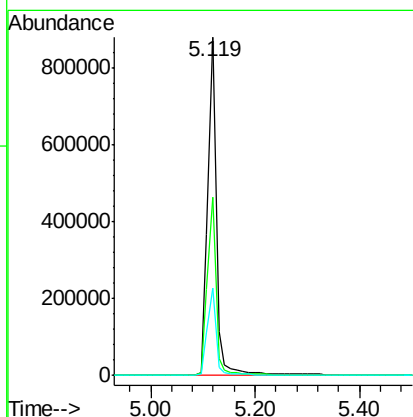
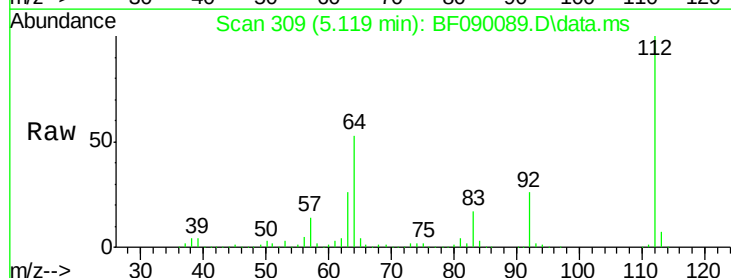
Tgt Ion:112 Resp: 1020005

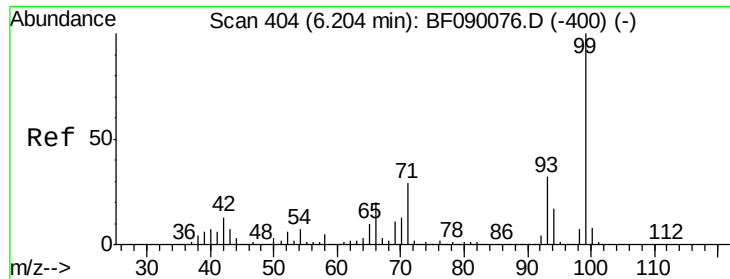
Ion Ratio Lower Upper

112 100

64 52.9 39.8 59.6

63 26.0 18.9 28.3





#7

Phenol-d6

Concen: 116.03 ng

RT: 6.204 min Scan# 40

Delta R.T. 0.000 min

Lab File: BF090089.D

Acq: 15 Sep 2016 13:50

Instrument :

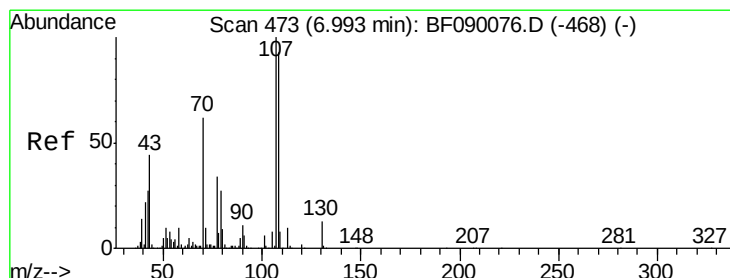
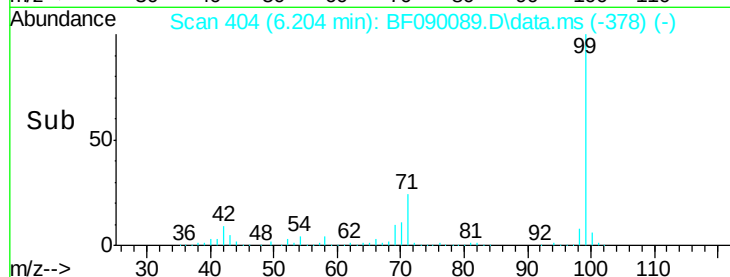
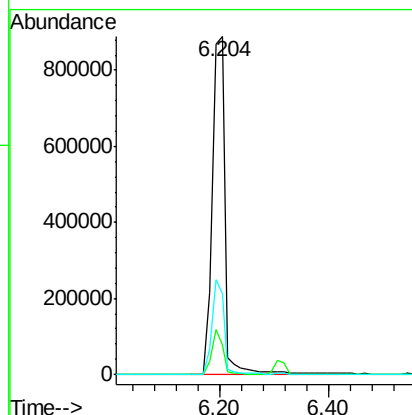
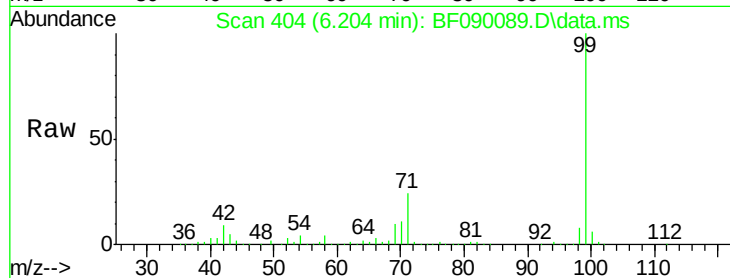
BNA_F

ClientSampleId :

UST-4

Tot Ion: 99 Resp: 1474060

Ion	Ratio	Lower	Upper
99	100		
42	8.9	10.6	15.8#
71	23.7	23.0	34.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.19 ng

RT: 7.119 min Scan# 484

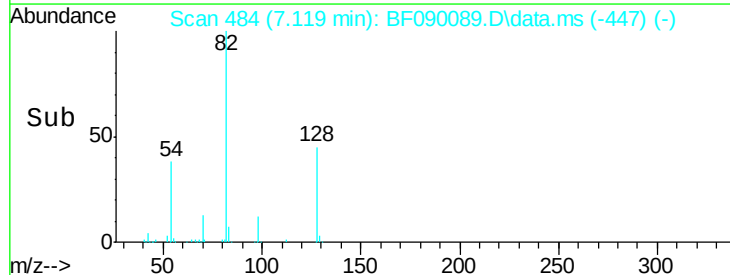
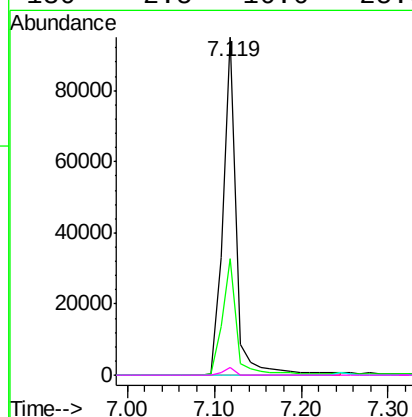
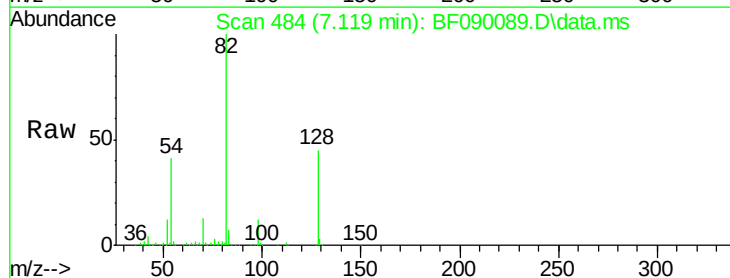
Delta R.T. 0.126 min

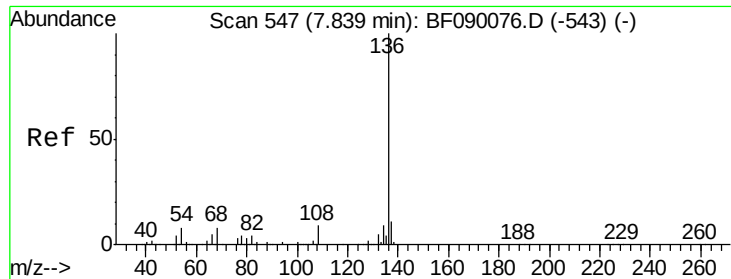
Lab File: BF090089.D

Acq: 15 Sep 2016 13:50

Tgt Ion: 70 Resp: 104098

Ion	Ratio	Lower	Upper
70	100		
42	34.4	35.1	52.7#
101	0.0	7.5	11.3#
130	2.5	16.6	25.0#

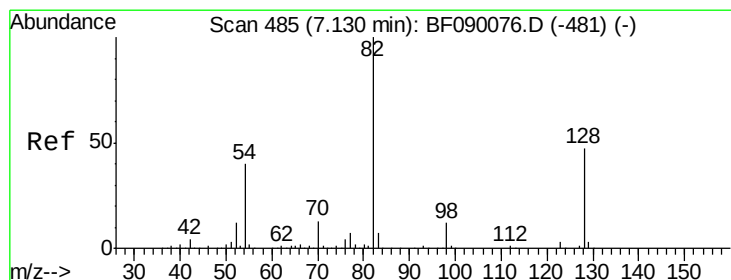
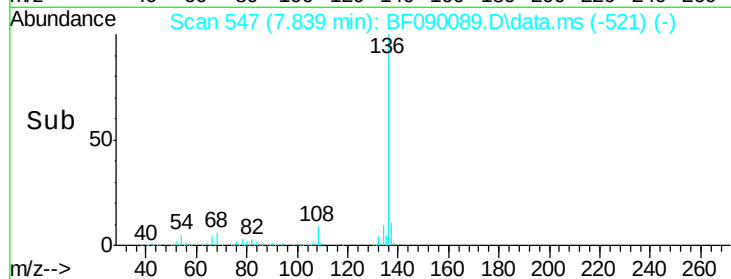
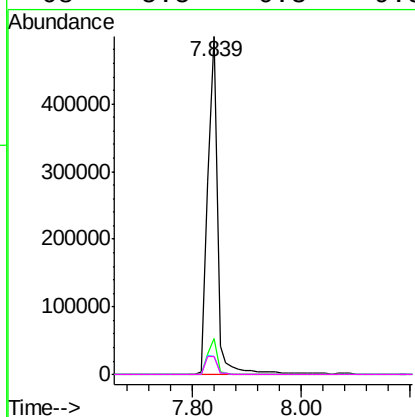
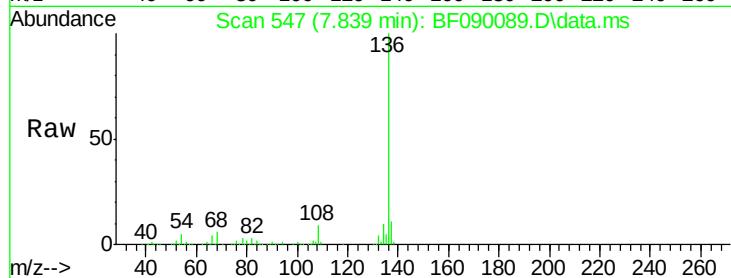




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.839 min Scan# 54
Delta R.T. 0.000 min
Lab File: BF090089.D
Acq: 15 Sep 2016 13:50

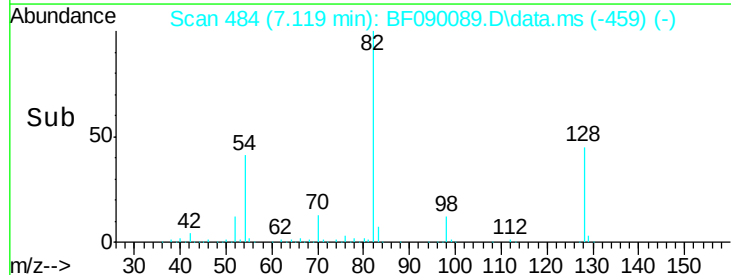
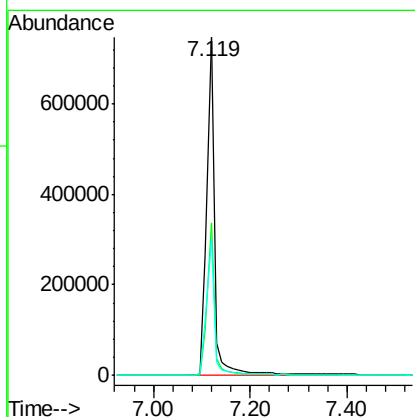
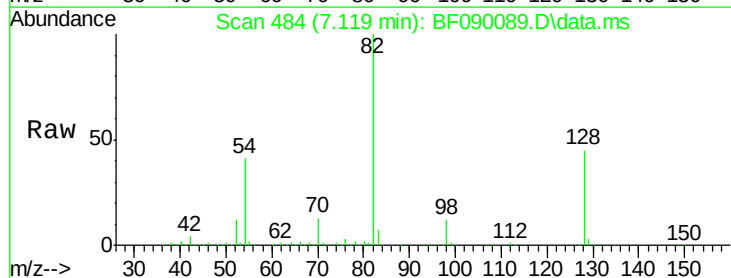
Instrument :
BNA_F
ClientSampleId :
UST-4

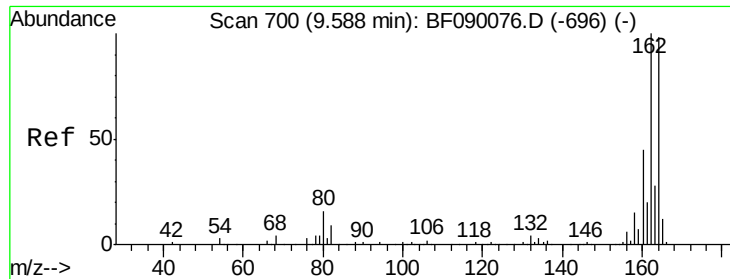
Tot Ion:	136	Resp:	625554
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.4
54	5.4	6.4	9.6#
68	5.5	6.3	9.5#



#23
Nitrobenzene-d5
Concen: 75.95 ng
RT: 7.119 min Scan# 484
Delta R.T. -0.011 min
Lab File: BF090089.D
Acq: 15 Sep 2016 13:50

Tgt Ion:	82	Resp:	845039
Ion Ratio	Lower	Upper	
82	100		
128	45.1	37.5	56.3
54	40.7	31.9	47.9

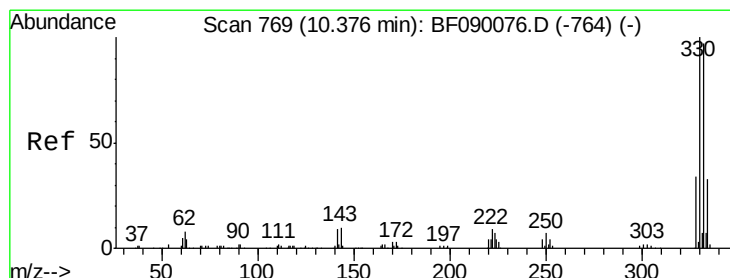
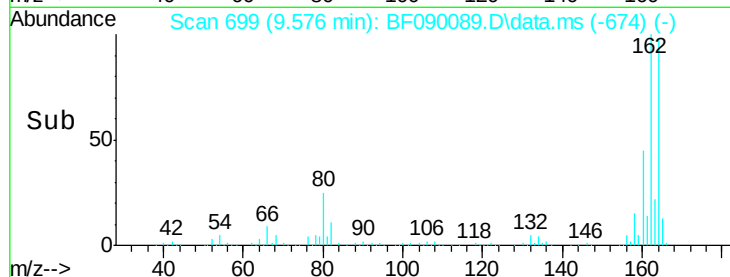
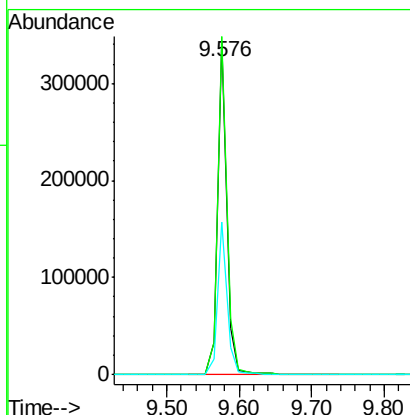
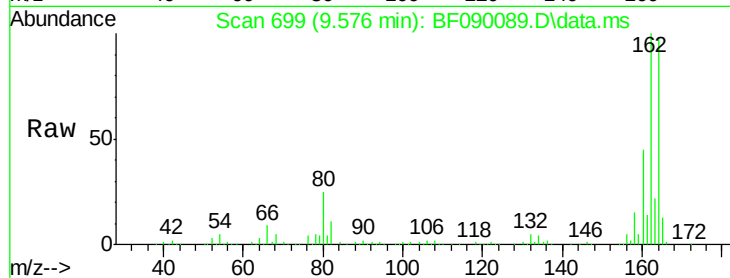




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.576 min Scan# 69
 Delta R.T. -0.011 min
 Lab File: BF090089.D
 Acq: 15 Sep 2016 13:50

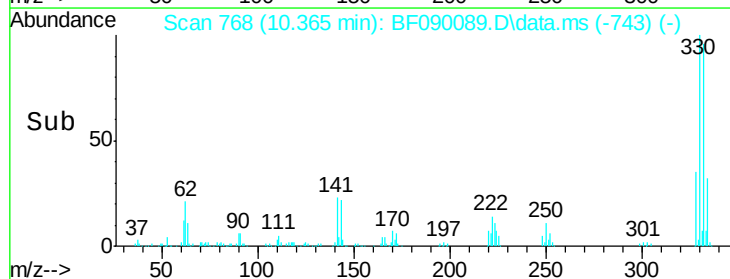
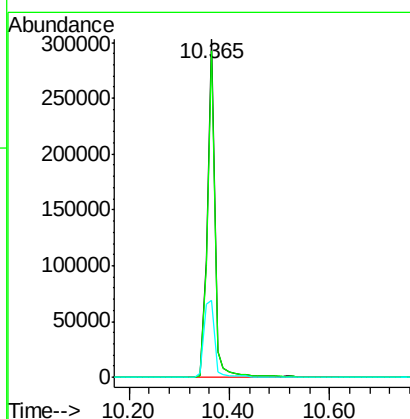
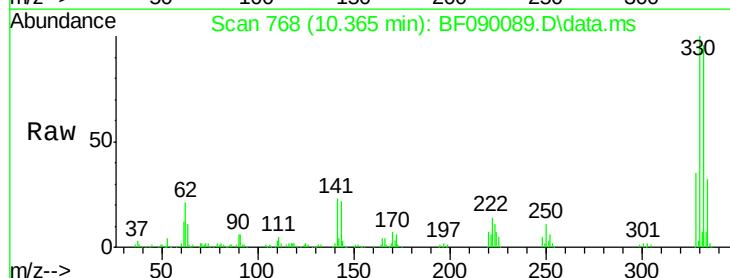
Instrument :
 BNA_F
 ClientSampleId :
 UST-4

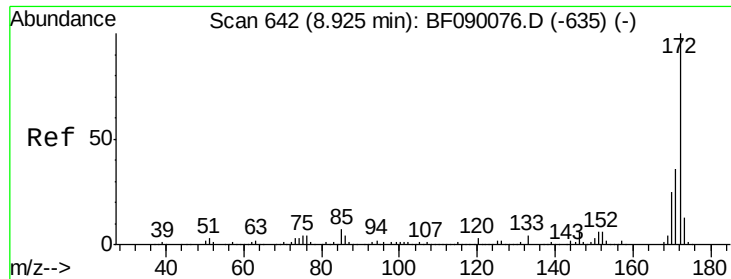
Tot Ion:164 Resp: 300808
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.4 122.2
 160 45.8 36.6 54.8



#41
 2,4,6-Tribromophenol
 Concen: 105.90 ng
 RT: 10.365 min Scan# 768
 Delta R.T. -0.011 min
 Lab File: BF090089.D
 Acq: 15 Sep 2016 13:50

Tgt Ion:330 Resp: 319984
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.1 117.1
 141 32.7 23.9 35.9

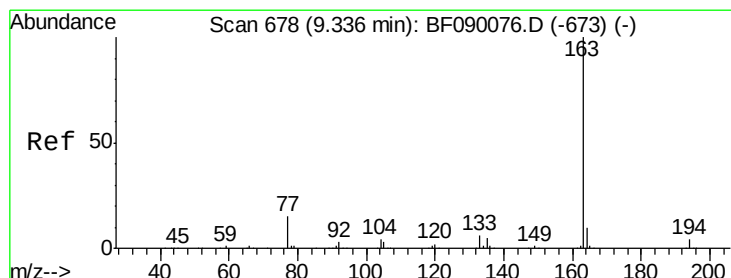
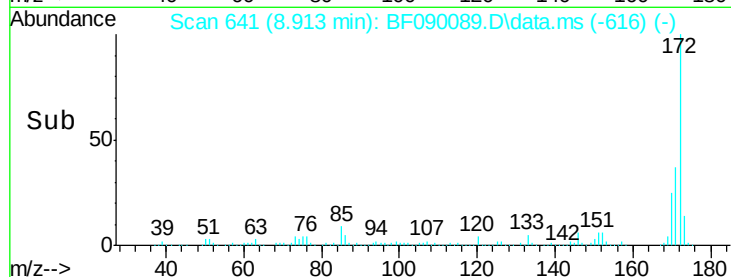
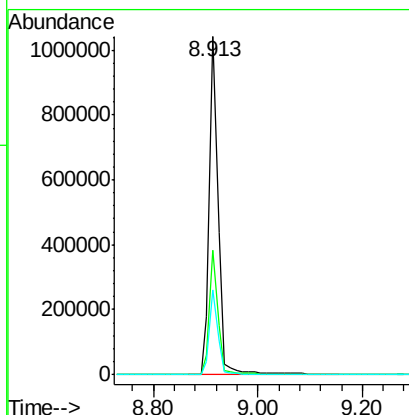
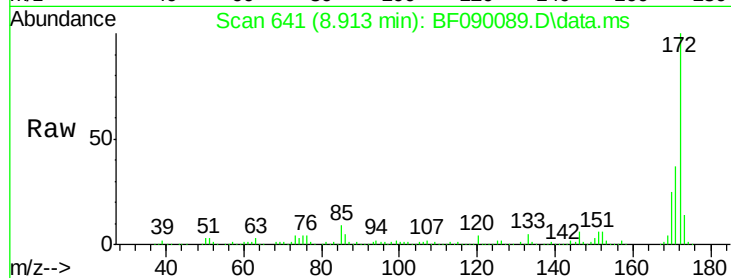




#44
2-Fluorobiphenyl
Concen: 64.08 ng
RT: 8.913 min Scan# 641
Delta R.T. -0.011 min
Lab File: BF090089.D
Acq: 15 Sep 2016 13:50

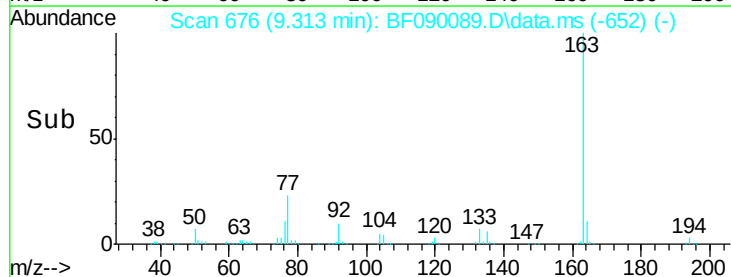
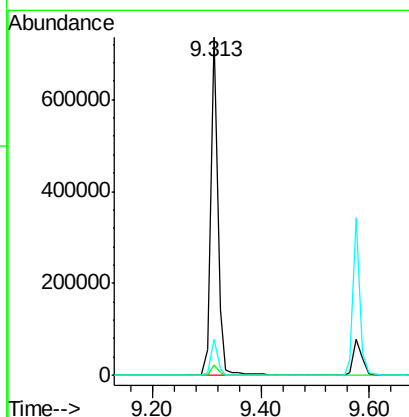
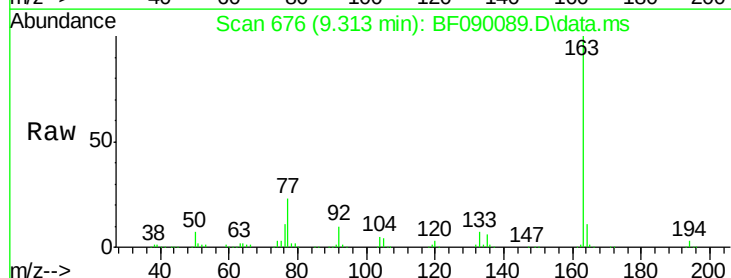
Instrument :
BNA_F
ClientSampleId :
UST-4

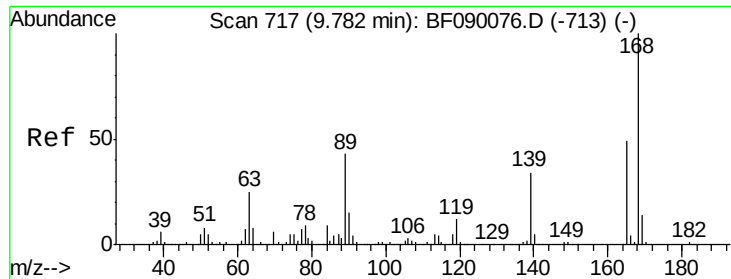
Tot Ion:172 Resp: 1227475
Ion Ratio Lower Upper
172 100
171 36.7 29.2 43.8
170 25.1 19.8 29.8



#49
Dimethylphthalate
Concen: 30.14 ng
RT: 9.313 min Scan# 676
Delta R.T. -0.023 min
Lab File: BF090089.D
Acq: 15 Sep 2016 13:50

Tgt Ion:163 Resp: 673484
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.5 8.1 12.1

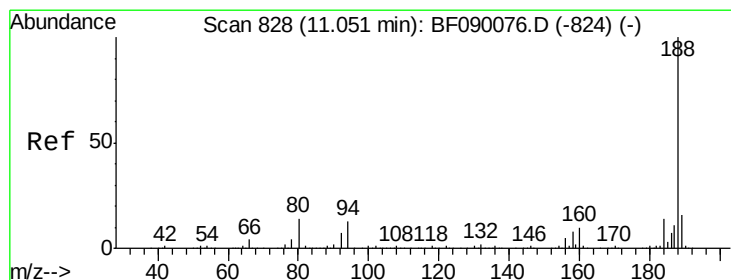
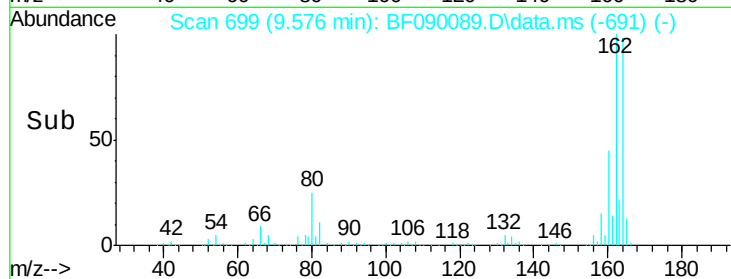
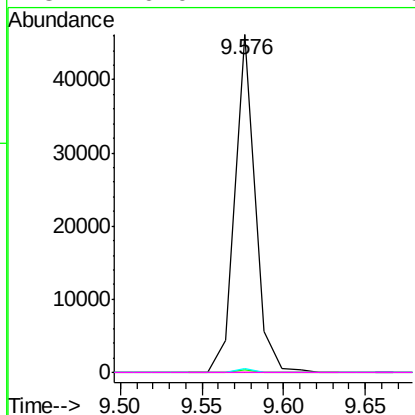
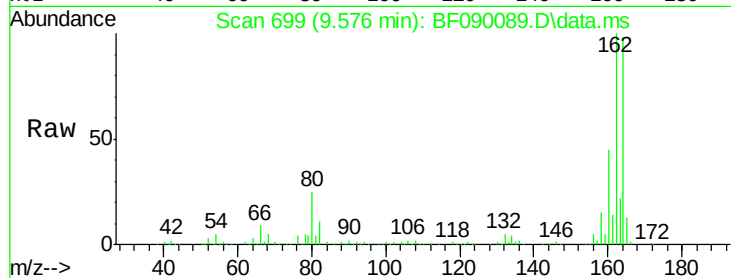




#56
2,4-Dinitrotoluene
Concen: 6.43 ng
RT: 9.576 min Scan# 69
Delta R.T. -0.206 min
Lab File: BF090089.D
Acq: 15 Sep 2016 13:50

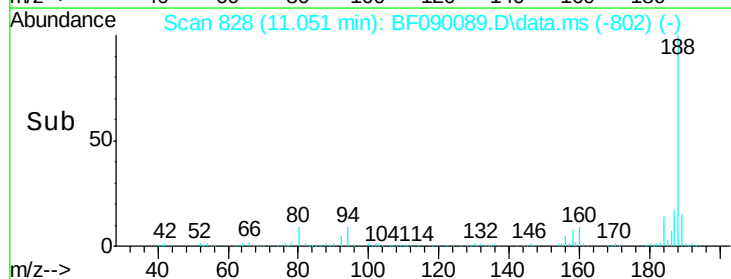
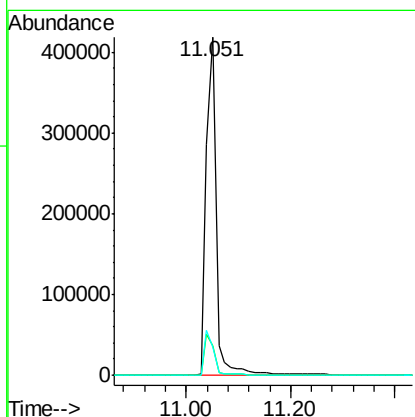
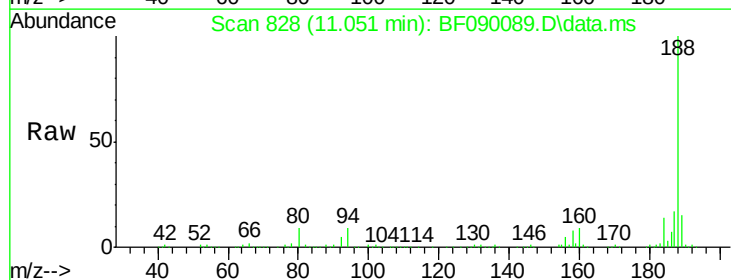
Instrument :
BNA_F
ClientSampleId :
UST-4

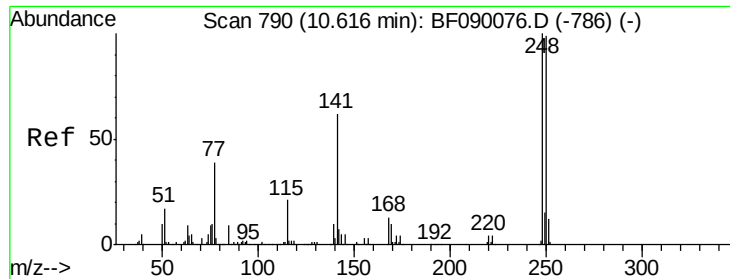
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	44.4	66.6#
89	1.2	70.1	105.1#
182	0.0	1.7	2.5#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.051 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF090089.D
Acq: 15 Sep 2016 13:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	10.5	15.7#
80	8.5	11.2	16.8#





#66

4-Bromophenyl-phenylether

Concen: 3.37 ng

RT: 10.365 min Scan# 76

Delta R.T. -0.251 min

Lab File: BF090089.D

Acq: 15 Sep 2016 13:50

Instrument :

BNA_F

ClientSampleId :

UST-4

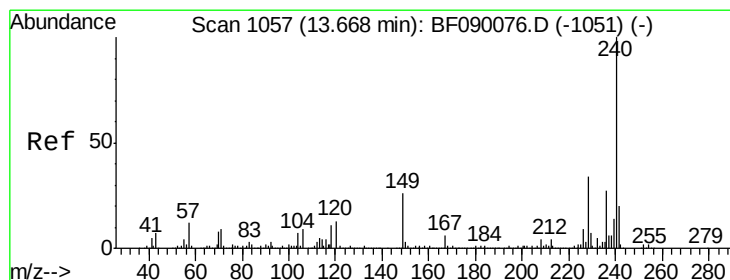
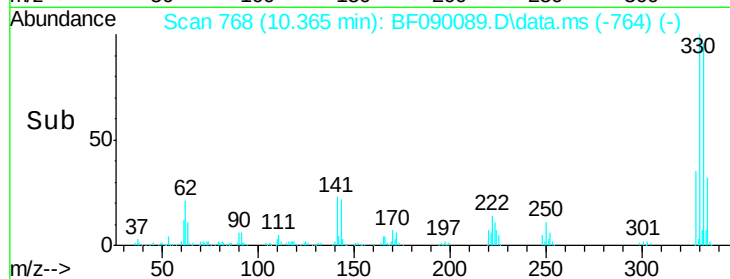
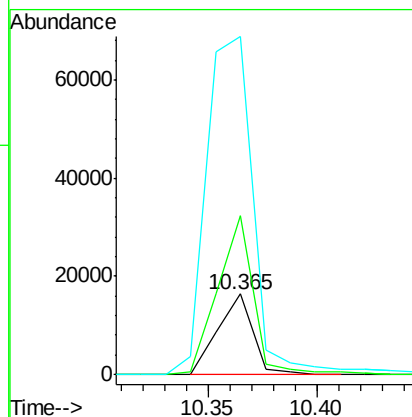
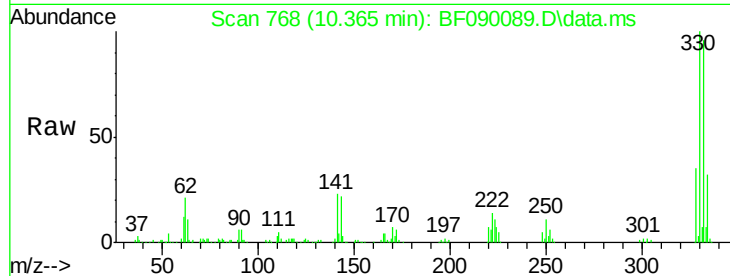
Tot Ion:248 Resp: 18217

Ion Ratio Lower Upper

248 100

250 197.9 79.4 119.2#

141 419.4 49.3 73.9#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.657 min Scan# 1056

Delta R.T. -0.011 min

Lab File: BF090089.D

Acq: 15 Sep 2016 13:50

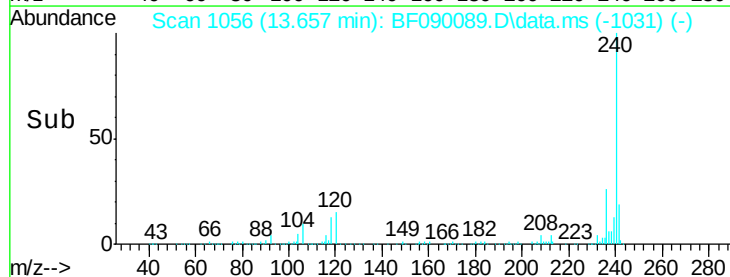
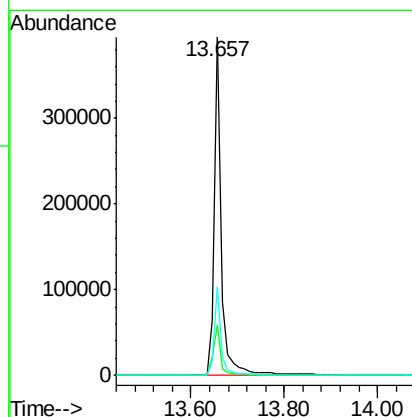
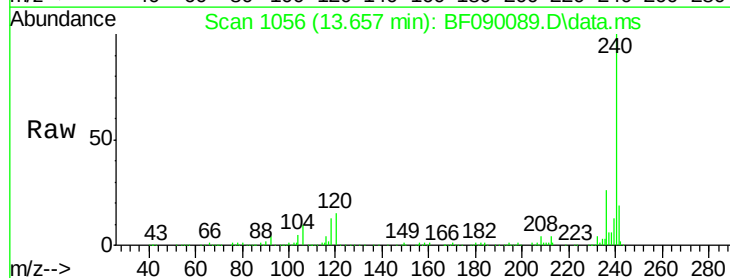
Tgt Ion:240 Resp: 433281

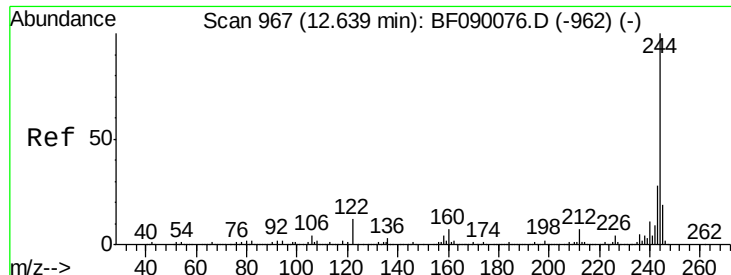
Ion Ratio Lower Upper

240 100

120 14.9 10.6 16.0

236 26.3 21.6 32.4





#78

Terphenyl-d14

Concen: 58.29 ng

RT: 12.628 min Scan# 96

Delta R.T. -0.011 min

Lab File: BF090089.D

Acq: 15 Sep 2016 13:50

Instrument :

BNA_F

ClientSampleId :

UST-4

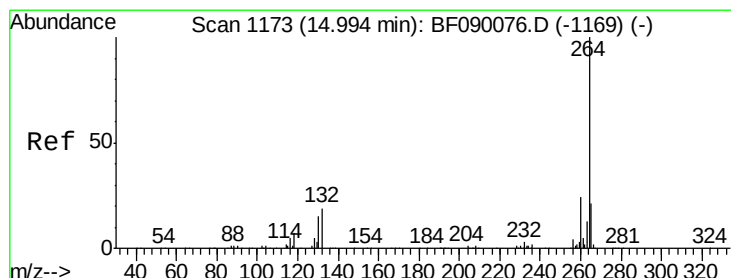
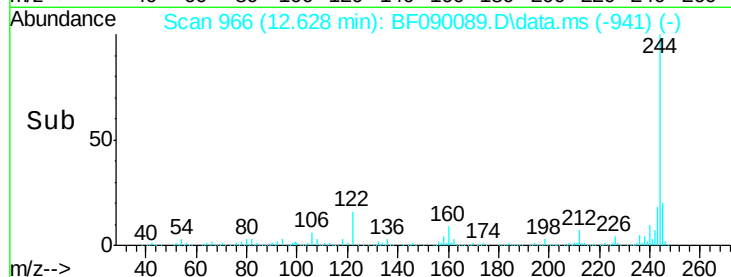
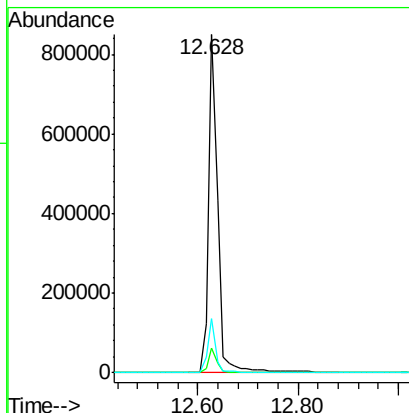
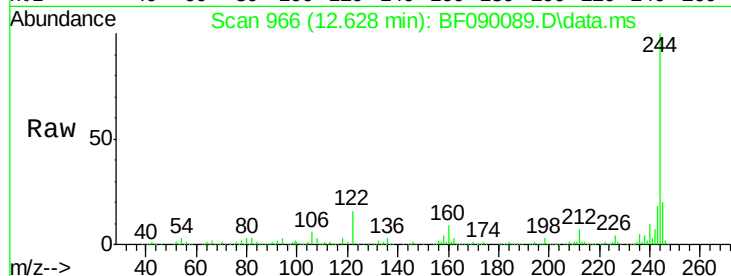
Tot Ion:244 Resp: 1063466

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 16.0 9.4 14.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.982 min Scan# 1172

Delta R.T. -0.011 min

Lab File: BF090089.D

Acq: 15 Sep 2016 13:50

Tgt Ion:264 Resp: 305900

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.8 17.0 25.4

