

Data Path : Z:\HPCHEM1\BNA F\Data\BF091516\
 Data File : BF090090.D
 Acq On : 15 Sep 2016 14:18
 Operator : UM/SJ
 Sample : H4761-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-2

Quant Time: Sep 15 15:14:02 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 11:18:43 2016
 Response via : Initial Calibration

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

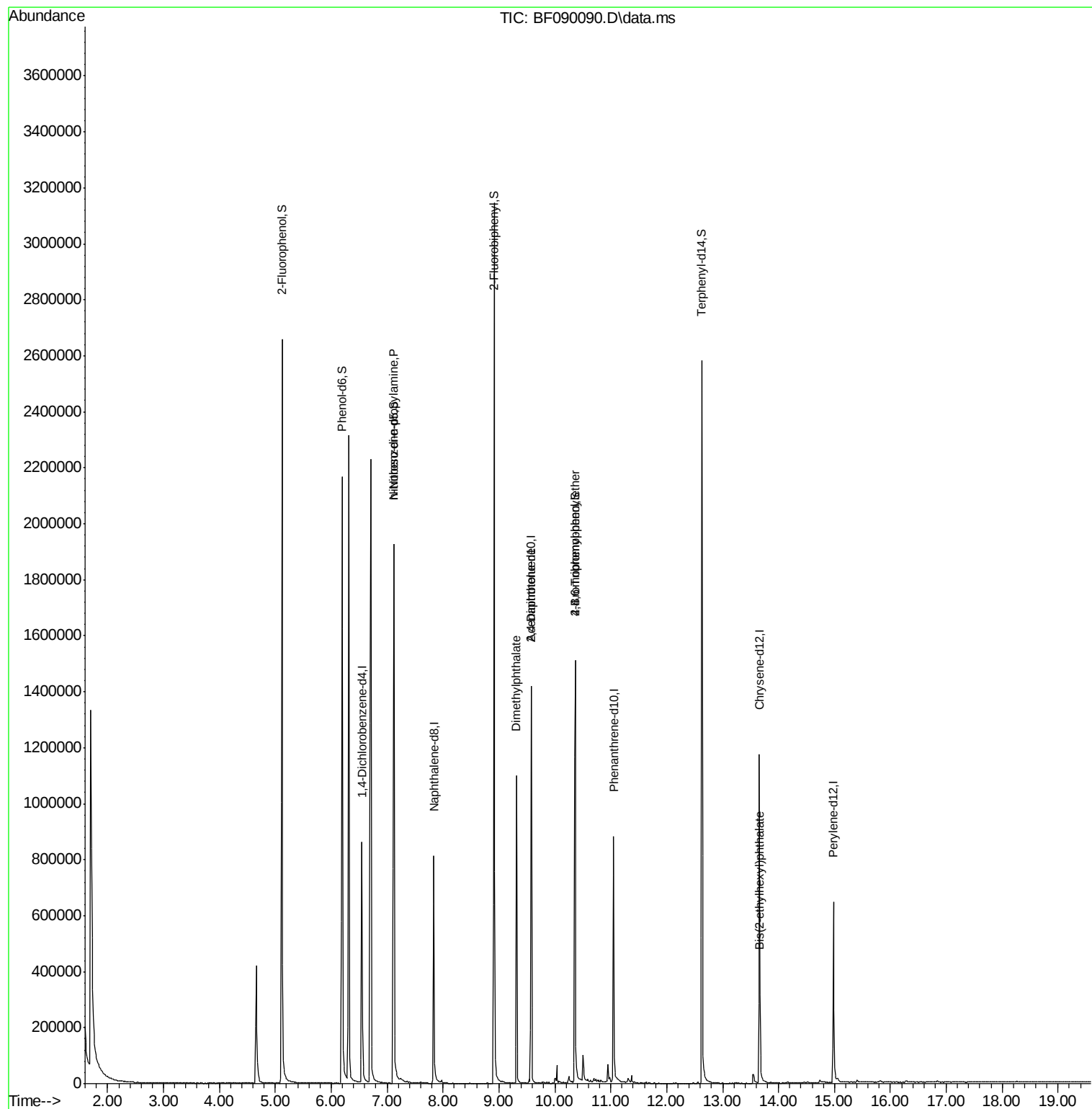
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.547	152	153402	20.00	ng	0.00
21) Naphthalene-d8	7.839	136	596889	20.00	ng	0.00
38) Acenaphthene-d10	9.576	164	288470	20.00	ng	-0.01
63) Phenanthrene-d10	11.051	188	519297	20.00	ng	0.00
75) Chrysene-d12	13.657	240	438876	20.00	ng	-0.01
86) Perylene-d12	14.983	264	297266	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.119	112	986689	103.45	ng	0.00
7) Phenol-d6	6.193	99	1407435	112.71	ng	-0.01
23) Nitrobenzene-d5	7.119	82	838229	78.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.365	330	300562	103.73	ng	-0.01
44) 2-Fluorobiphenyl	8.913	172	1159925	63.15	ng	-0.01
78) Terphenyl-d14	12.628	244	969749	52.47	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.119	70	101939	13.14	ng	Qvalue # 79
49) Dimethylphthalate	9.313	163	450925	21.05	ng	99
56) 2,4-Dinitrotoluene	9.576	165	36528	6.26	ng	# 15
66) 4-Bromophenyl-phenylether	10.365	248	16250	3.25	ng	# 1
83) Bis(2-ethylhexyl)phtha...	13.668	149	66149	3.35	ng	# 96

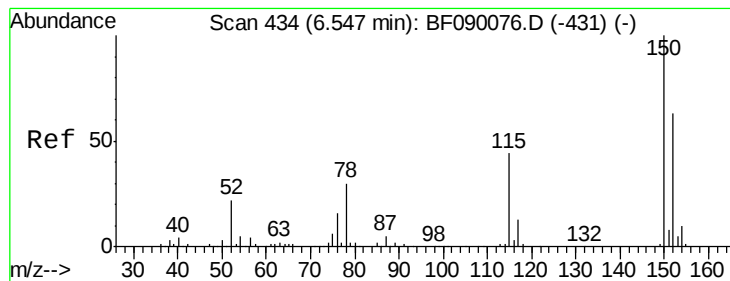
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090090.D

Acq: 15 Sep 2016 14:18

Instrument :

BNA_F

ClientSampleId :

UST-2

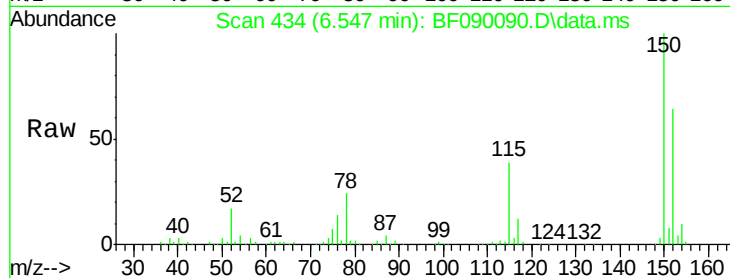
Tot Ion:152 Resp: 153402

Ion Ratio Lower Upper

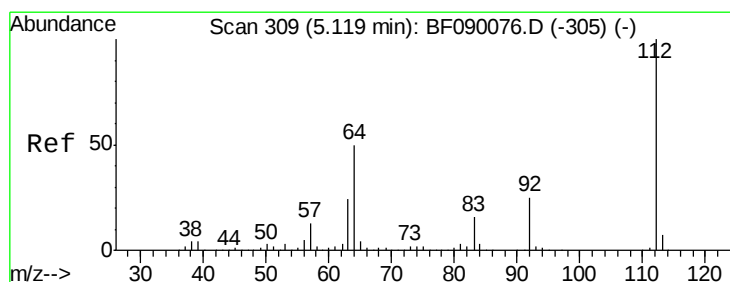
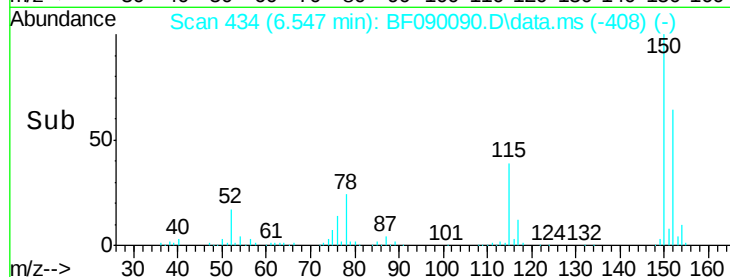
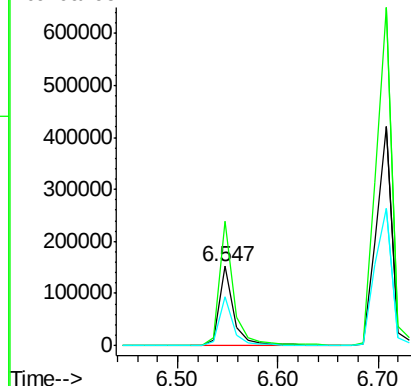
152 100

150 155.9 128.9 193.3

115 61.3 55.5 83.3



Abundance



#5

2-Fluorophenol

Concen: 103.45 ng

RT: 5.119 min Scan# 309

Delta R.T. 0.000 min

Lab File: BF090090.D

Acq: 15 Sep 2016 14:18

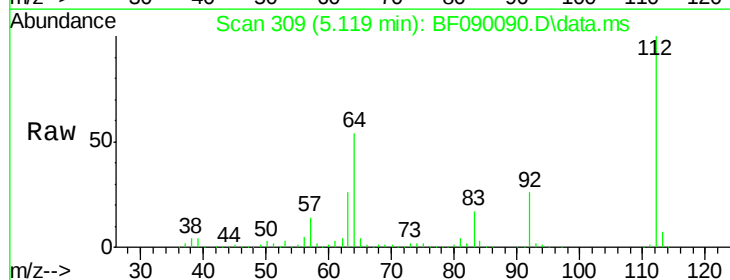
Tgt Ion:112 Resp: 986689

Ion Ratio Lower Upper

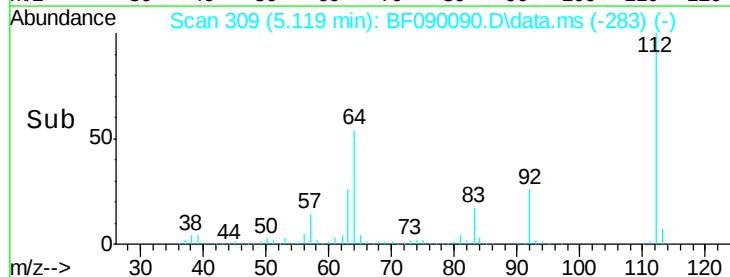
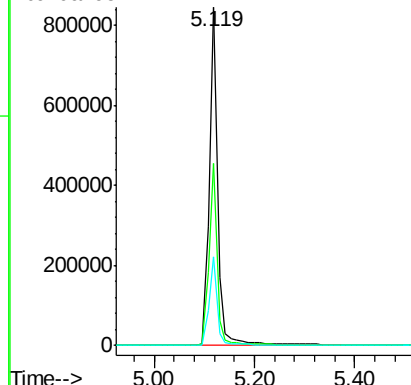
112 100

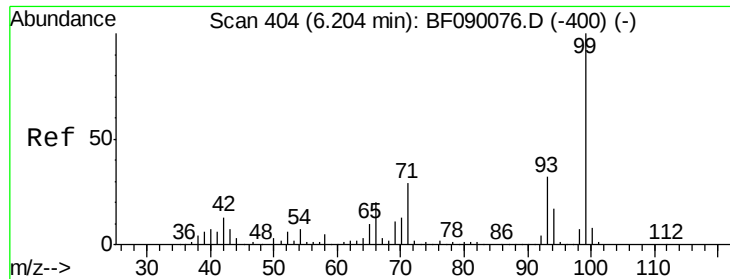
64 53.8 39.8 59.6

63 26.3 18.9 28.3



Abundance





#7

Phenol-d6

Concen: 112.71 ng

RT: 6.193 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF090090.D

Acq: 15 Sep 2016 14:18

Instrument :

BNA_F

ClientSampleId :

UST-2

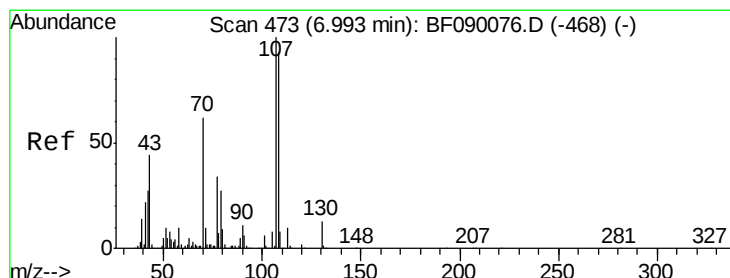
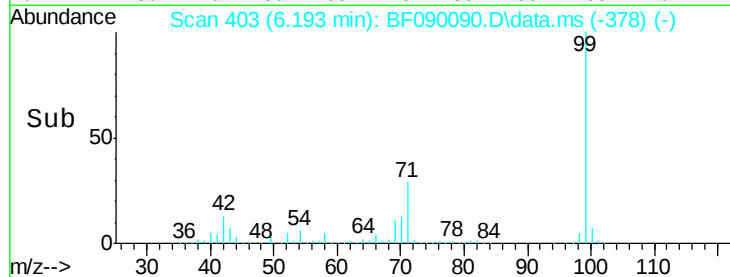
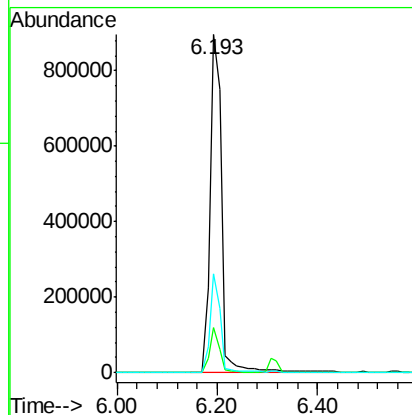
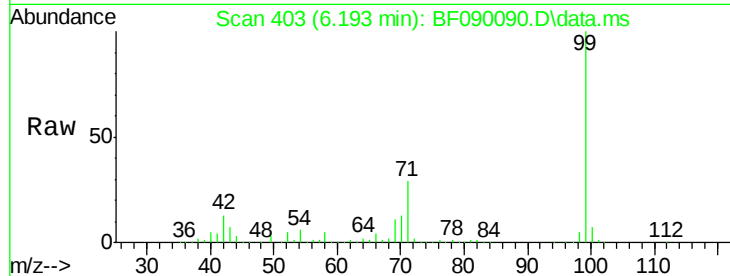
Tot Ion: 99 Resp: 1407435

Ion Ratio Lower Upper

99 100

42 13.1 10.6 15.8

71 29.1 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.14 ng

RT: 7.119 min Scan# 484

Delta R.T. 0.126 min

Lab File: BF090090.D

Acq: 15 Sep 2016 14:18

Tgt Ion: 70 Resp: 101939

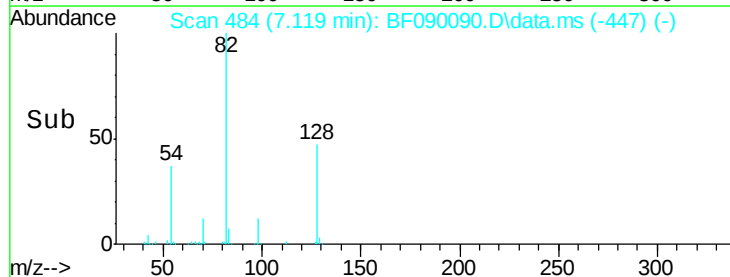
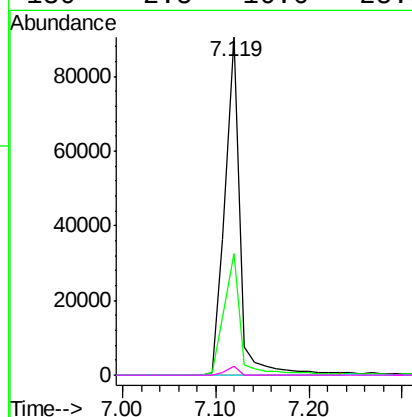
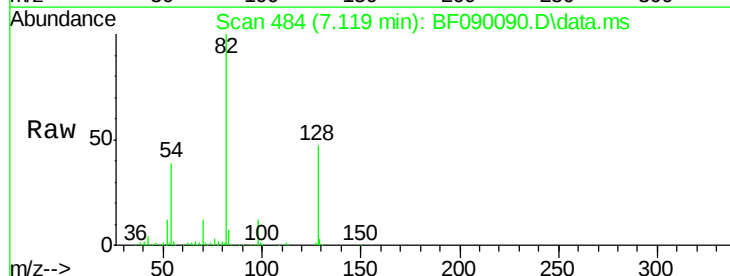
Ion Ratio Lower Upper

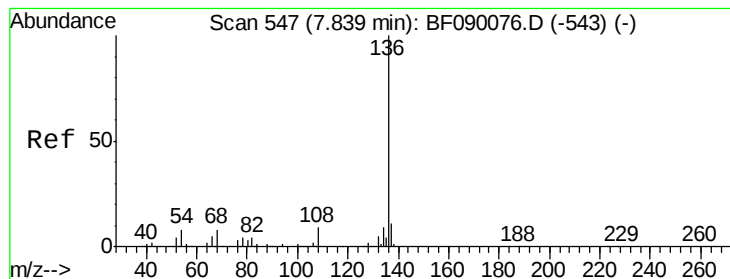
70 100

42 36.1 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: BF090090.D

Acq: 15 Sep 2016 14:18

Instrument :

BNA_F

ClientSampleId :

UST-2

Tot Ion:136 Resp: 596889

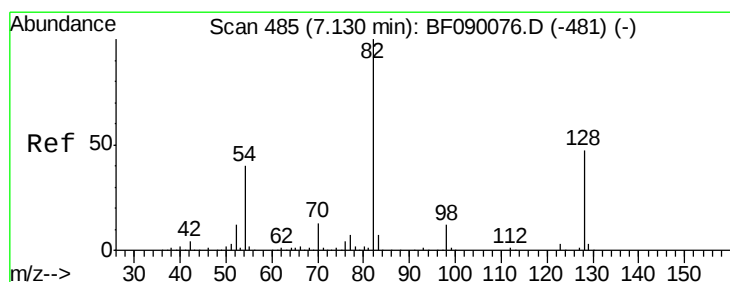
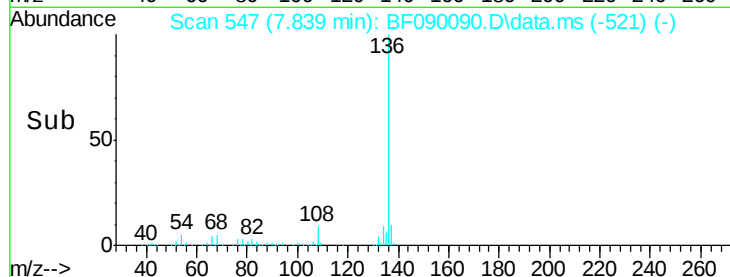
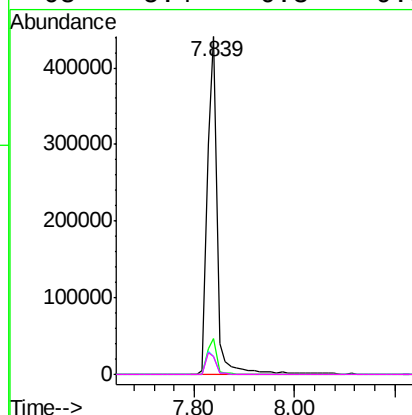
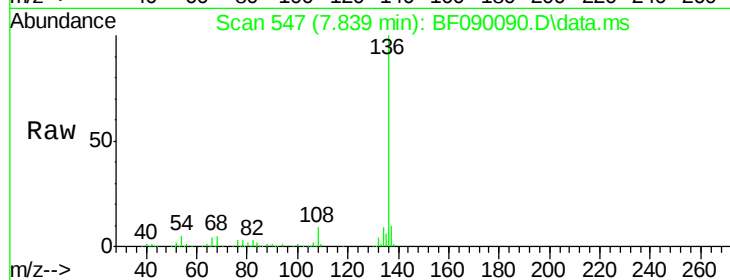
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 5.5 6.4 9.6#

68 5.4 6.3 9.5#



#23

Nitrobenzene-d5

Concen: 78.96 ng

RT: 7.119 min Scan# 484

Delta R.T. -0.011 min

Lab File: BF090090.D

Acq: 15 Sep 2016 14:18

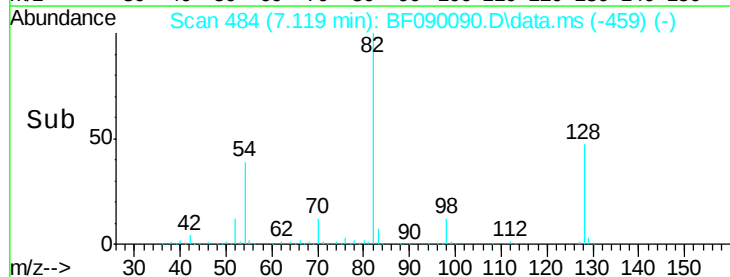
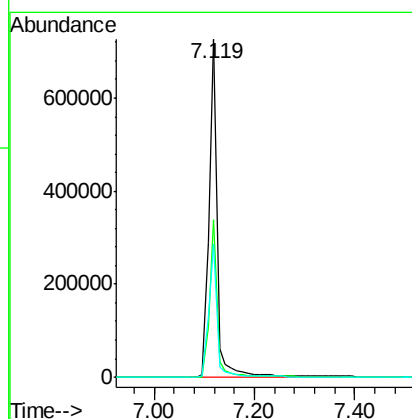
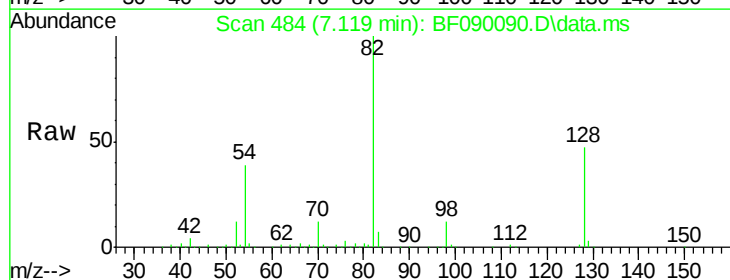
Tgt Ion: 82 Resp: 838229

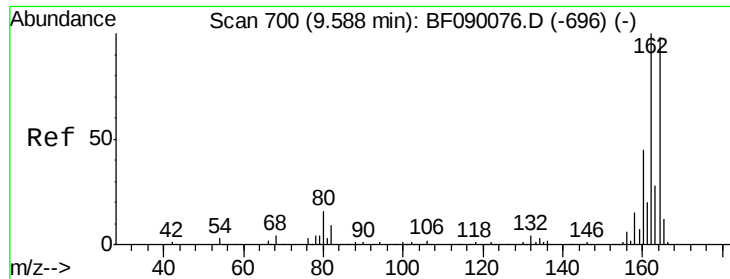
Ion Ratio Lower Upper

82 100

128 46.6 37.5 56.3

54 39.4 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: BF090090.D

Acq: 15 Sep 2016 14:18

Instrument :

BNA_F

ClientSampleId :

UST-2

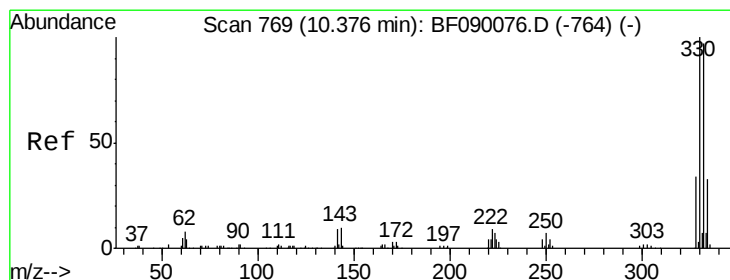
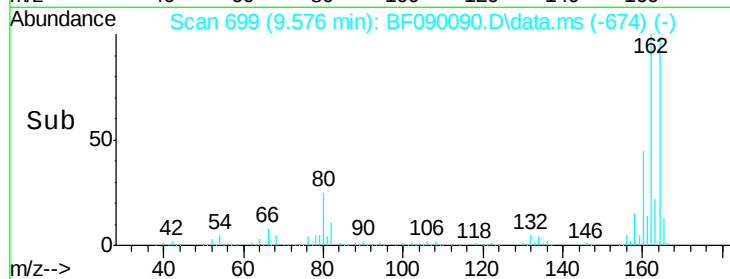
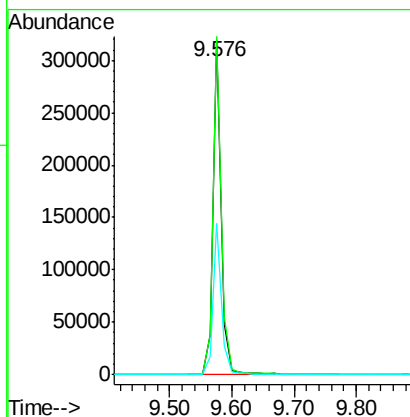
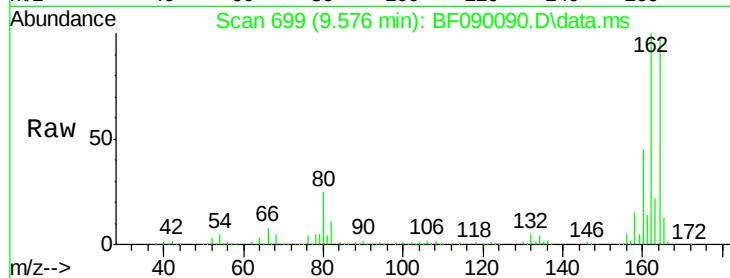
Tot Ion:164 Resp: 288470

Ion Ratio Lower Upper

164 100

162 101.1 81.4 122.2

160 45.4 36.6 54.8



#41

2,4,6-Tribromophenol

Concen: 103.73 ng

RT: 10.365 min Scan# 768

Delta R.T. -0.011 min

Lab File: BF090090.D

Acq: 15 Sep 2016 14:18

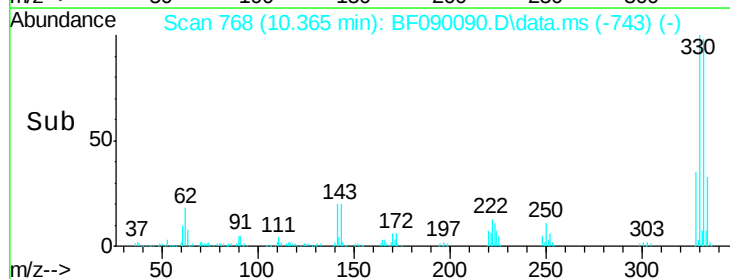
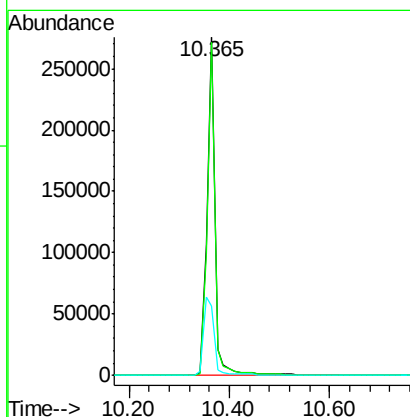
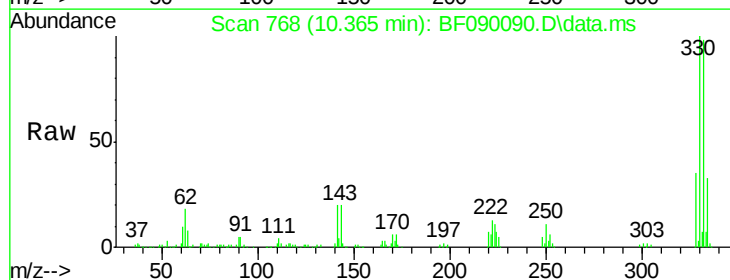
Tgt Ion:330 Resp: 300562

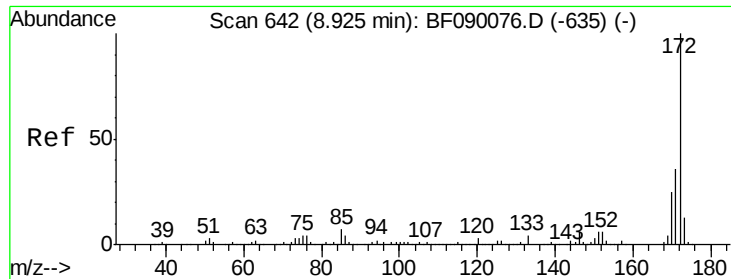
Ion Ratio Lower Upper

330 100

332 97.0 78.1 117.1

141 31.2 23.9 35.9

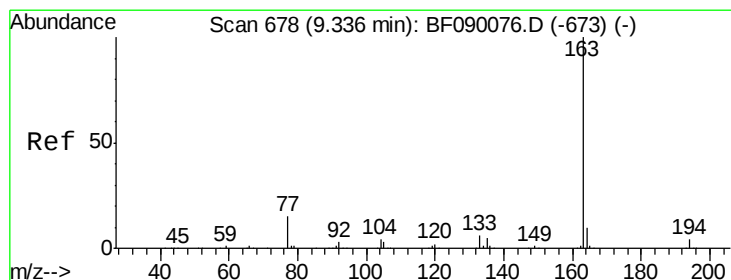
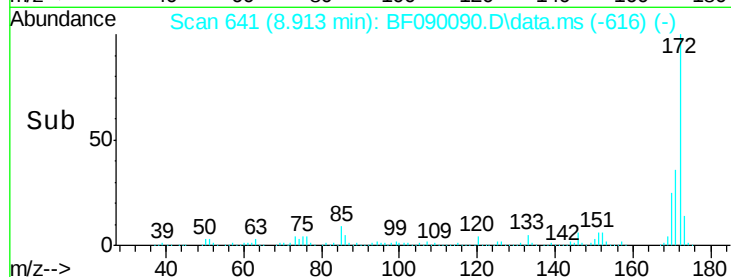
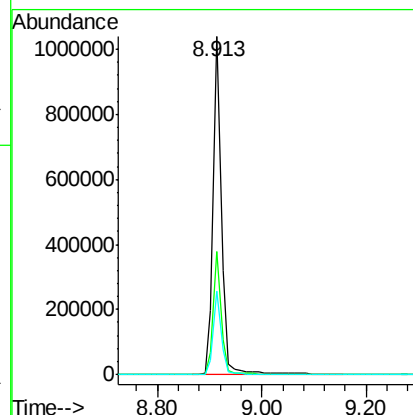
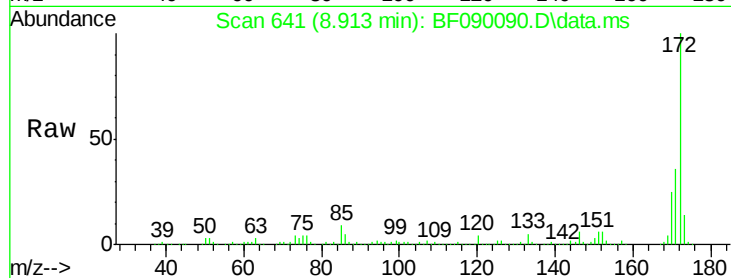




#44
2-Fluorobiphenyl
Concen: 63.15 ng
RT: 8.913 min Scan# 641
Delta R.T. -0.011 min
Lab File: BF090090.D
Acq: 15 Sep 2016 14:18

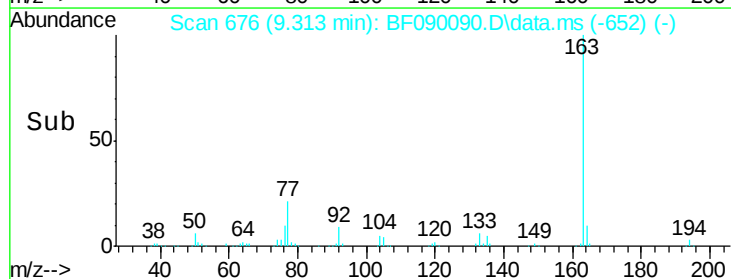
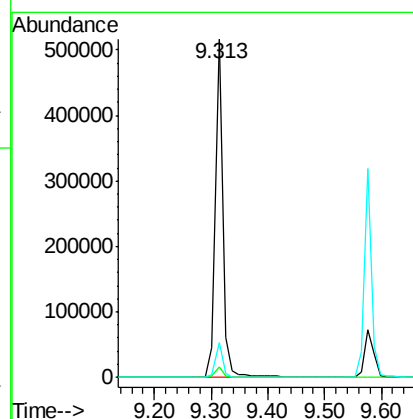
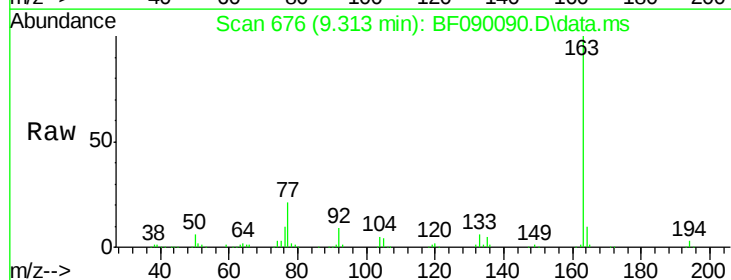
Instrument :
BNA_F
ClientSampleId :
UST-2

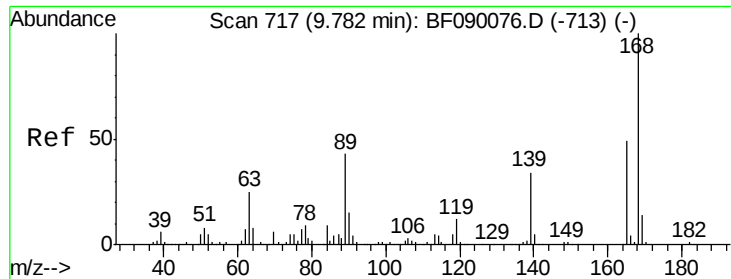
Tot Ion:172 Resp: 1159925
Ion Ratio Lower Upper
172 100
171 36.4 29.2 43.8
170 24.6 19.8 29.8



#49
Dimethylphthalate
Concen: 21.05 ng
RT: 9.313 min Scan# 676
Delta R.T. -0.023 min
Lab File: BF090090.D
Acq: 15 Sep 2016 14:18

Tgt Ion:163 Resp: 450925
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.4 8.1 12.1

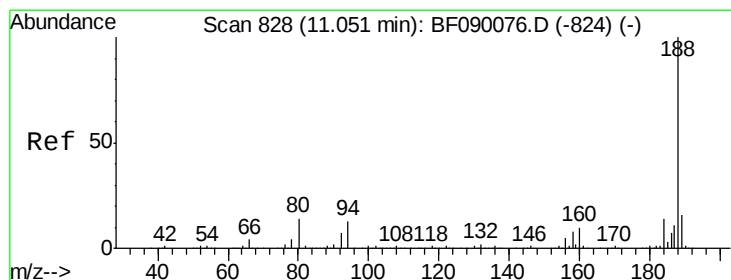
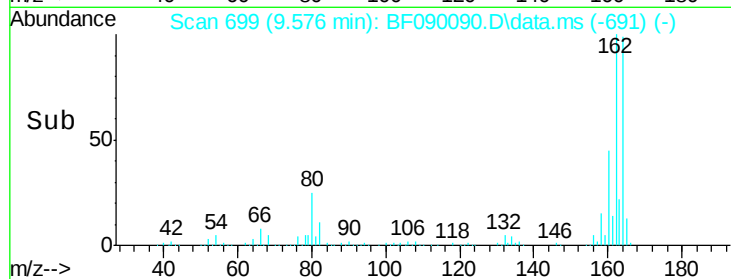
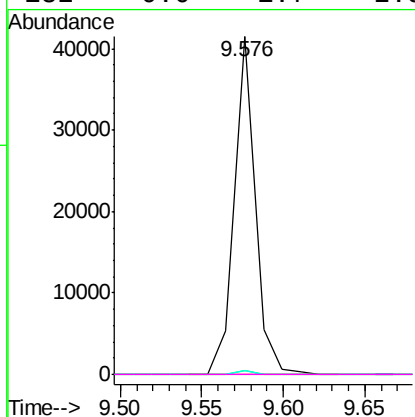
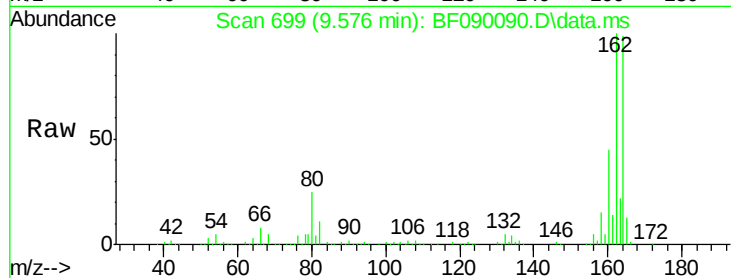




#56
 2,4-Dinitrotoluene
 Concen: 6.26 ng
 RT: 9.576 min Scan# 69
 Delta R.T. -0.206 min
 Lab File: BF090090.D
 Acq: 15 Sep 2016 14:18

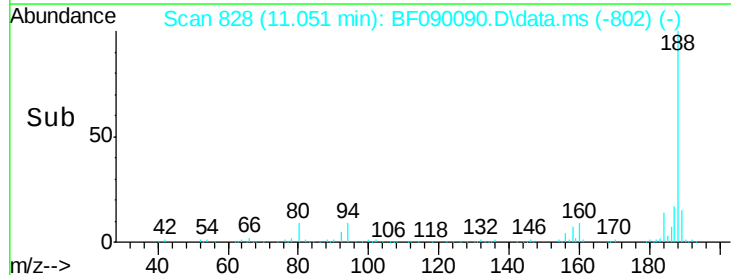
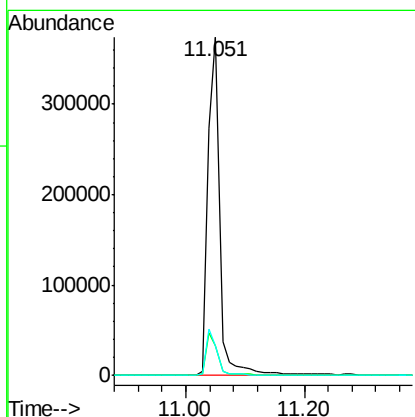
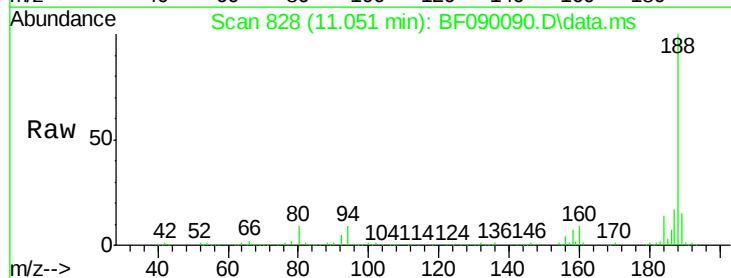
Instrument :
 BNA_F
 ClientSampleId :
 UST-2

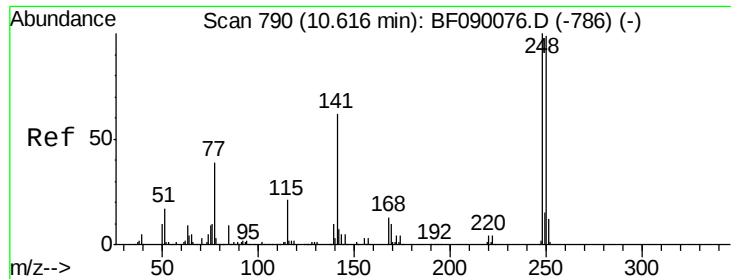
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.4	66.6#
89	1.2	70.1	105.1#
182	0.0	1.7	2.5#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.051 min Scan# 828
 Delta R.T. 0.000 min
 Lab File: BF090090.D
 Acq: 15 Sep 2016 14:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	10.5	15.7#
80	8.6	11.2	16.8#





#66

4-Bromophenyl-phenylether

Concen: 3.25 ng

RT: 10.365 min Scan# 76

Delta R.T. -0.251 min

Lab File: BF090090.D

Acq: 15 Sep 2016 14:18

Instrument :

BNA_F

ClientSampleId :

UST-2

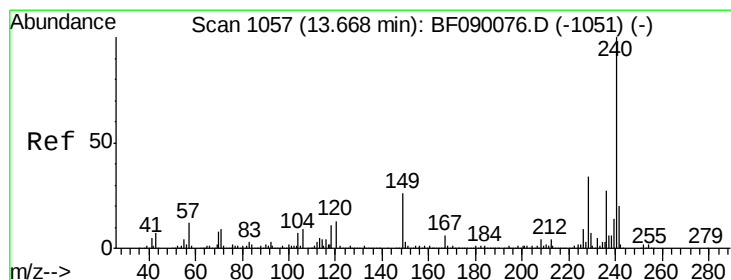
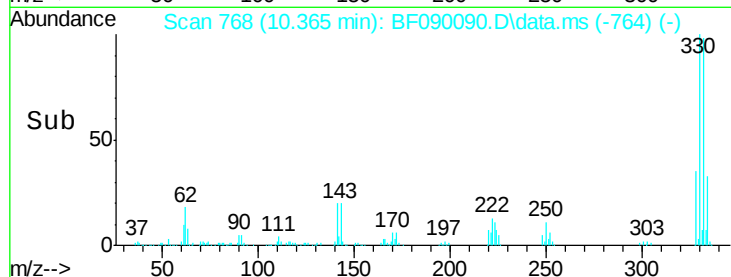
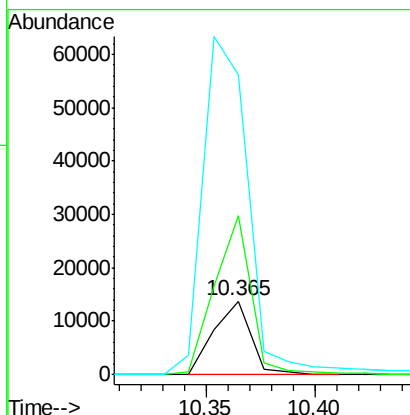
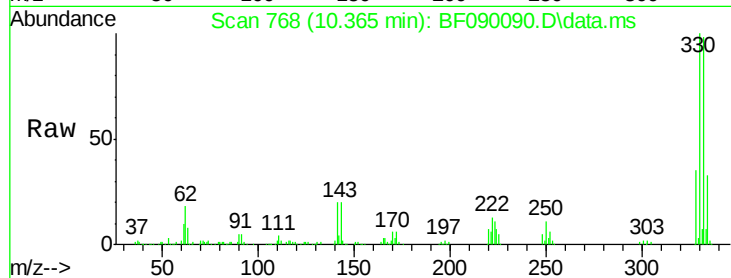
Tot Ion:248 Resp: 16250

Ion Ratio Lower Upper

248 100

250 215.2 79.4 119.2#

141 407.9 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: BF090090.D

Acq: 15 Sep 2016 14:18

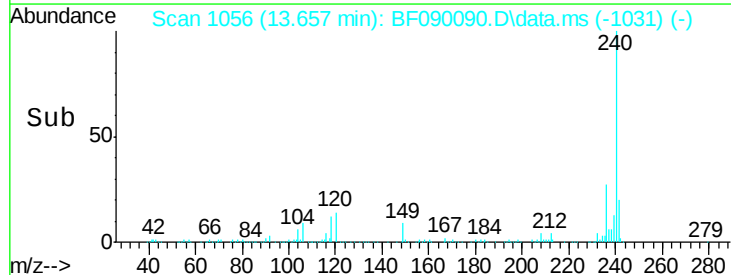
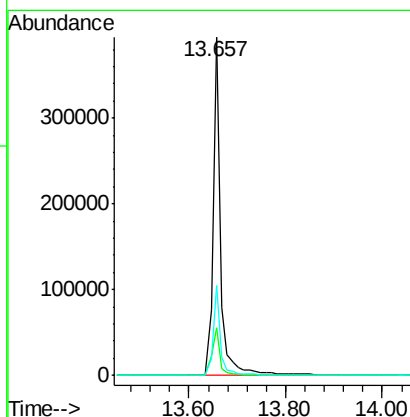
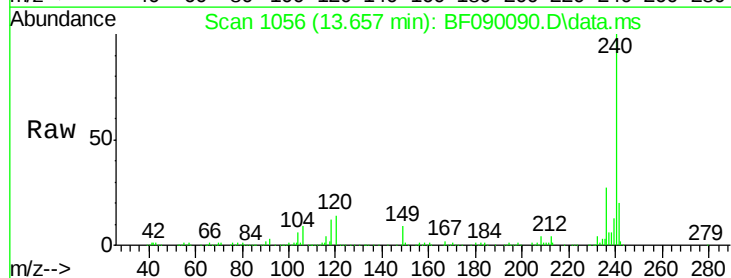
Tgt Ion:240 Resp: 438876

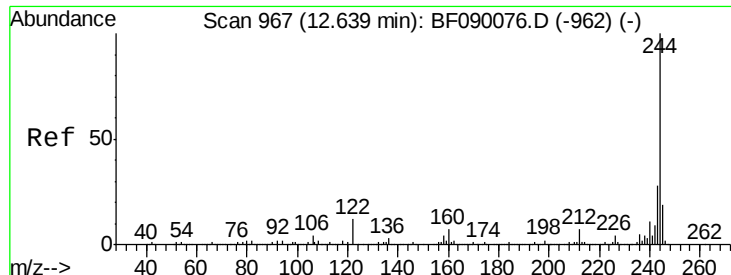
Ion Ratio Lower Upper

240 100

120 14.1 10.6 16.0

236 26.6 21.6 32.4





#78

Terphenyl-d14

Concen: 52.47 ng

RT: 12.628 min Scan# 96

Delta R.T. -0.011 min

Lab File: BF090090.D

Acq: 15 Sep 2016 14:18

Instrument :

BNA_F

ClientSampleId :

UST-2

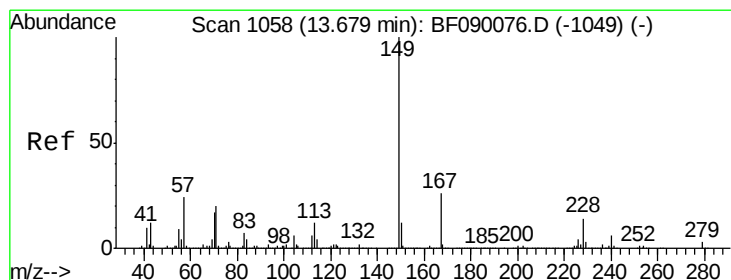
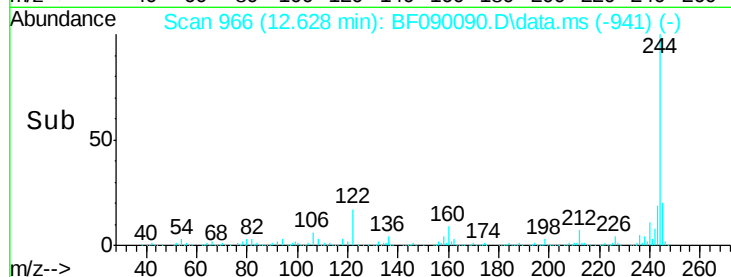
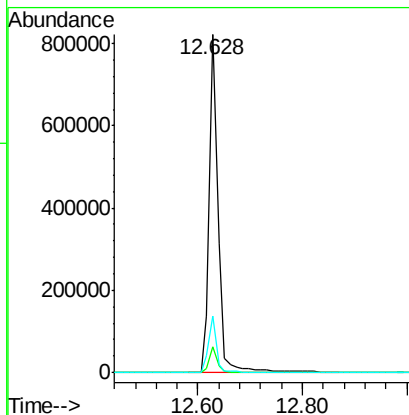
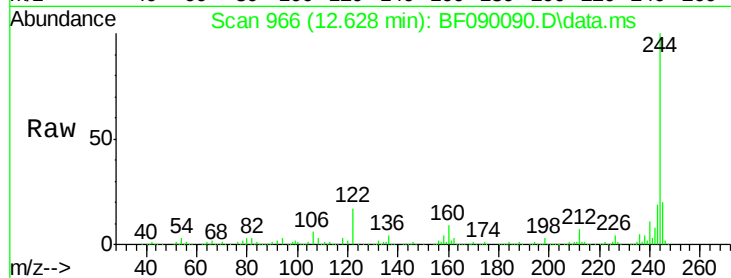
Tot Ion:244 Resp: 969749

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 16.8 9.4 14.0#



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.35 ng

RT: 13.668 min Scan# 1057

Delta R.T. -0.011 min

Lab File: BF090090.D

Acq: 15 Sep 2016 14:18

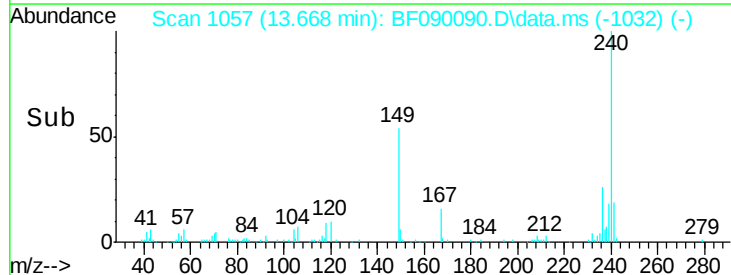
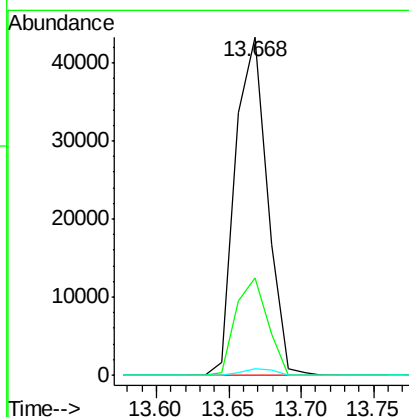
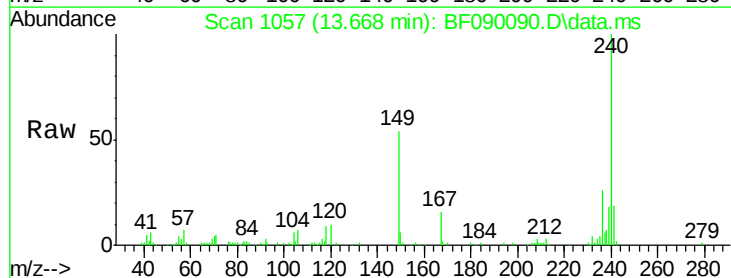
Tgt Ion:149 Resp: 66149

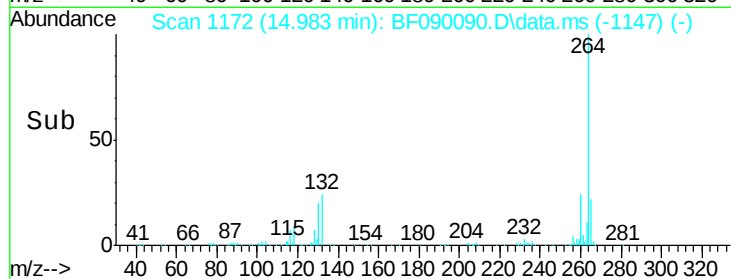
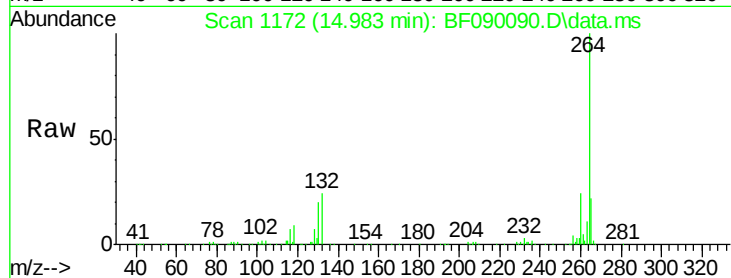
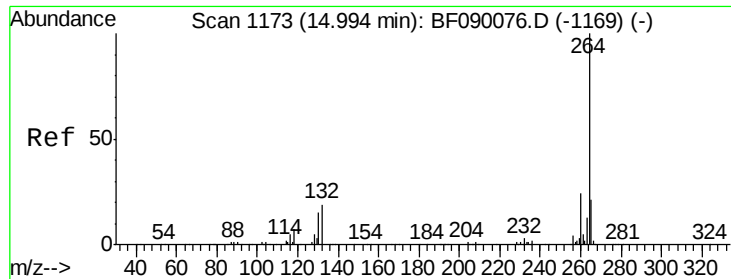
Ion Ratio Lower Upper

149 100

167 28.7 21.2 31.8

279 1.9 2.2 3.2#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.983 min Scan# 11
 Delta R.T. -0.011 min
 Lab File: BF090090.D
 Acq: 15 Sep 2016 14:18

Instrument :
 BNA_F
 ClientSampleId :
 UST-2

Tot Ion:	264	Resp:	297266
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	21.7	17.0	25.4

