

Data Path : Z:\HPCHEM1\BNA F\Data\BF103116\
 Data File : BF090931.D
 Acq On : 31 Oct 2016 16:38
 Operator : UM/SJ
 Sample : H5463-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 10:35:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 15:18:12 2016
 Response via : Initial Calibration

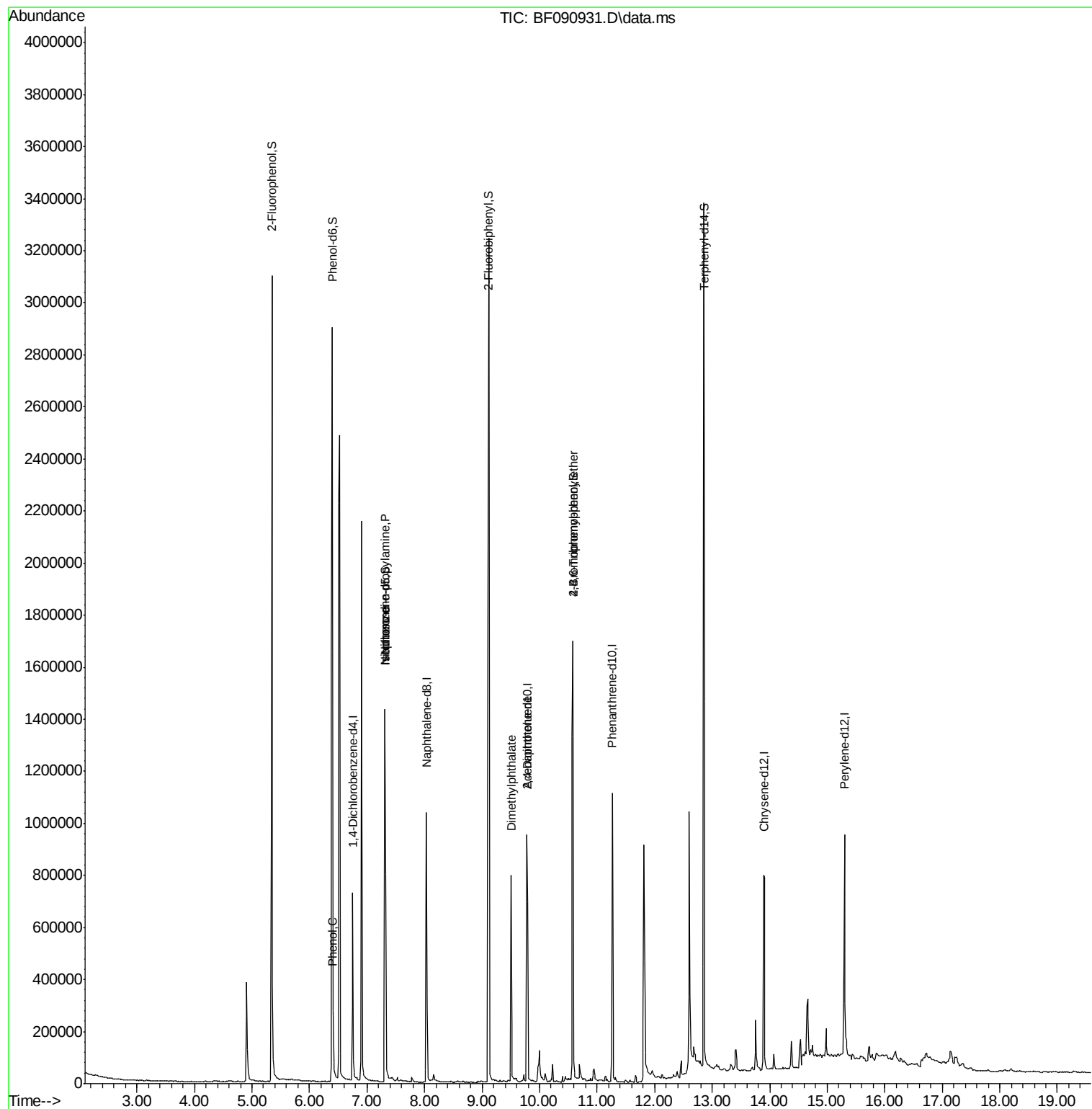
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.750	152	134830	20.00	ng	-0.01
21) Naphthalene-d8	8.030	136	519032	20.00	ng	-0.02
38) Acenaphthene-d10	9.779	164	278850	20.00	ng	-0.03
63) Phenanthrene-d10	11.265	188	426200	20.00	ng	-0.02
75) Chrysene-d12	13.905	240	436955	20.00	ng	-0.02
86) Perylene-d12	15.300	264	369117	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.344	112	978179	126.85	ng	-0.01
7) Phenol-d6	6.396	99	1344172	129.20	ng	-0.02
23) Nitrobenzene-d5	7.310	82	670277	84.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.579	330	370592	129.32	ng	-0.02
44) 2-Fluorobiphenyl	9.116	172	1352967	85.20	ng	-0.02
78) Terphenyl-d14	12.854	244	1334691	76.96	ng	-0.02
Target Compounds						
10) Phenol	6.407	94	45063	3.93	ng	Qvalue 80
19) n-Nitroso-di-n-propyla...	7.310	70	84689	14.08	ng	# 52
25) Isophorone	7.310	82	612071	38.04	ng	# 58
49) Dimethylphthalate	9.505	163	322871	17.33	ng	# 97
56) 2,4-Dinitrotoluene	9.779	165	35043	6.86	ng	# 33
66) 4-Bromophenyl-phenylether	10.579	248	20627	4.42	ng	# 1

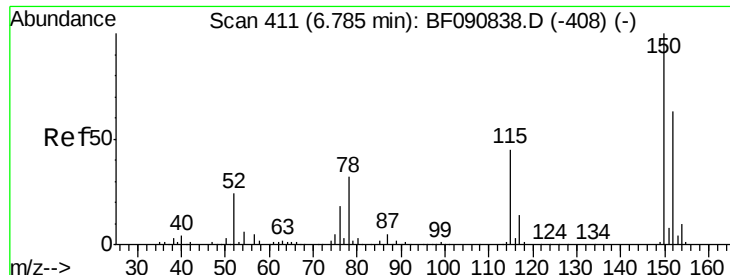
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.750 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF090931.D

Acq: 31 Oct 2016 16:38

Instrument :

BNA_F

ClientSampleId :

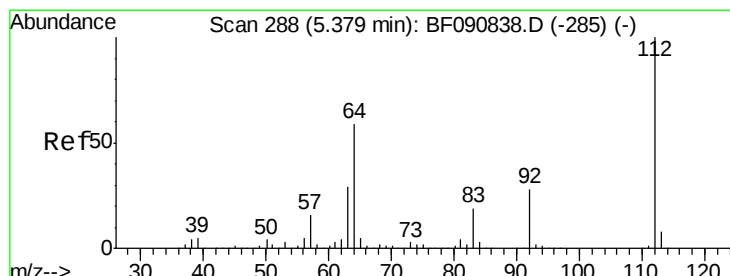
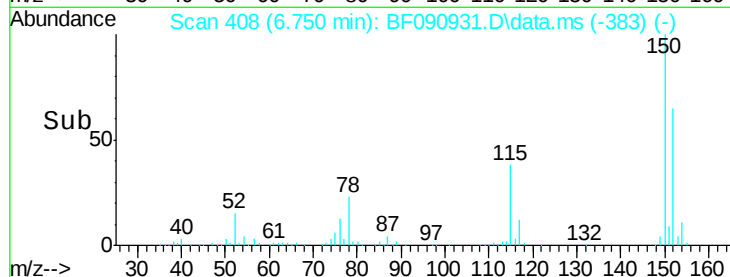
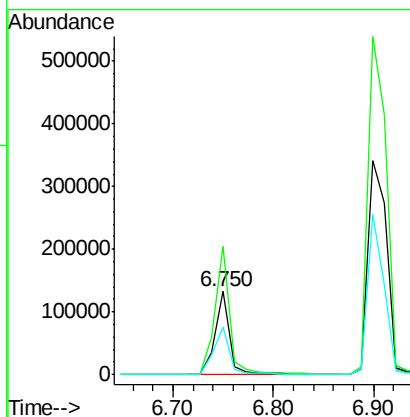
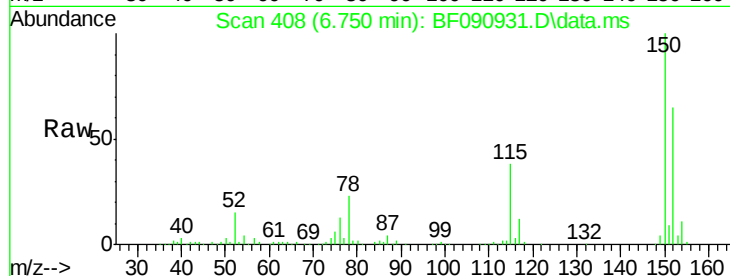
Tot Ion:152 Resp: 134830

Ion Ratio Lower Upper

152 100

150 153.7 124.7 187.1

115 57.6 39.0 58.4



#5

2-Fluorophenol

Concen: 126.85 ng

RT: 5.344 min Scan# 285

Delta R.T. -0.011 min

Lab File: BF090931.D

Acq: 31 Oct 2016 16:38

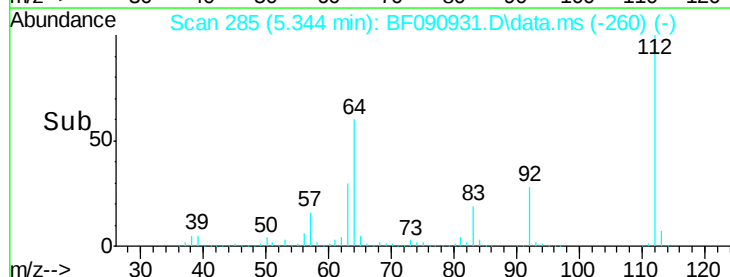
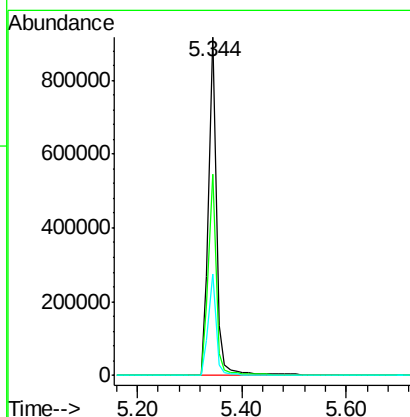
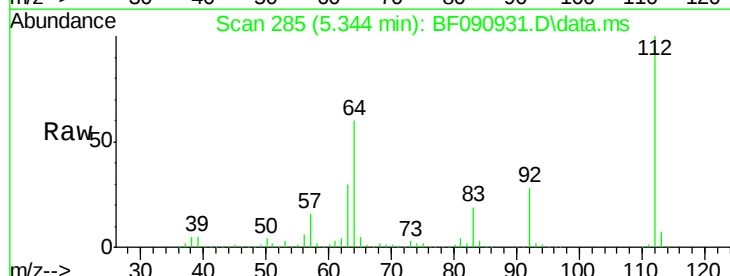
Tgt Ion:112 Resp: 978179

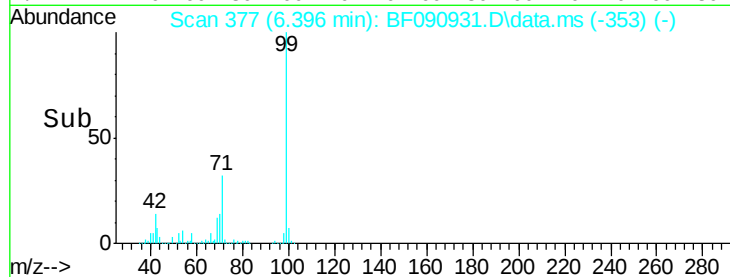
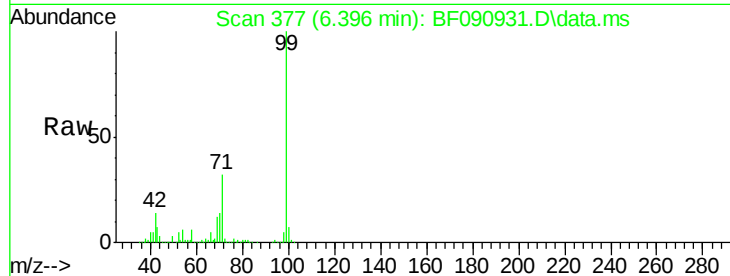
Ion Ratio Lower Upper

112 100

64 59.6 39.7 59.5#

63 29.9 17.4 26.0#





#7

Phenol-d6

Concen: 129.20 ng

RT: 6.396 min Scan# 37

Delta R.T. -0.023 min

Lab File: BF090931.D

Acq: 31 Oct 2016 16:38

Instrument :

BNA_F

ClientSampleId :

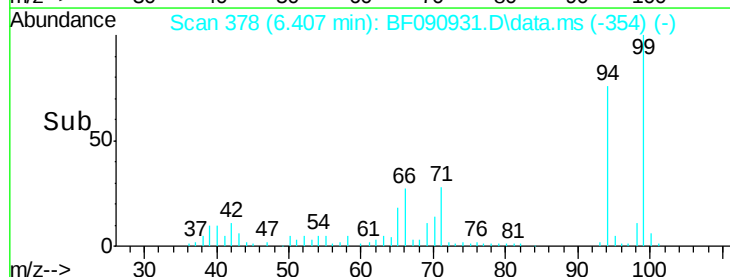
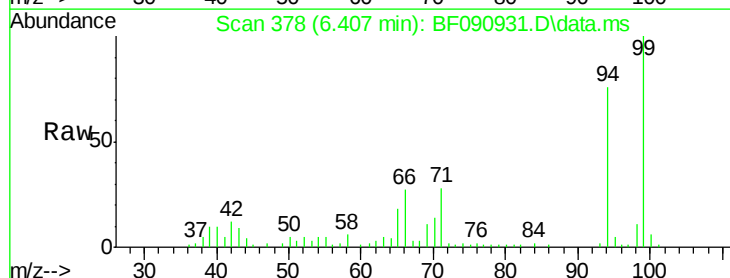
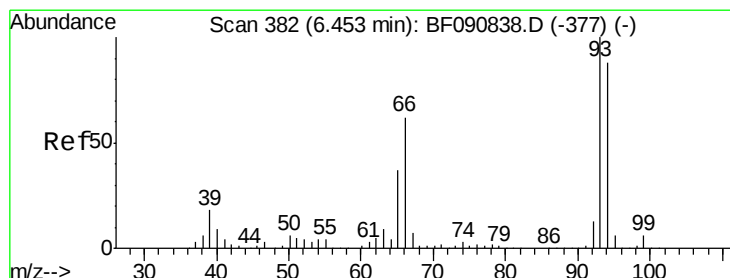
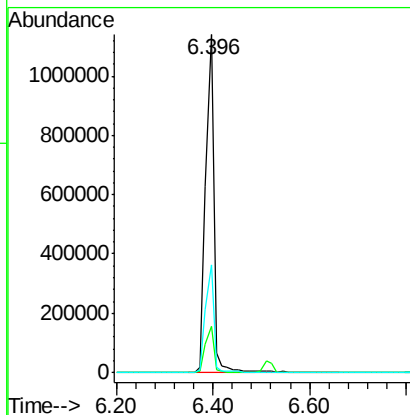
Tot Ion: 99 Resp: 1344172

Ion Ratio Lower Upper

99 100

42 13.6 13.7 20.5#

71 31.9 14.2 21.2#



#10

Phenol

Concen: 3.93 ng

RT: 6.407 min Scan# 378

Delta R.T. -0.023 min

Lab File: BF090931.D

Acq: 31 Oct 2016 16:38

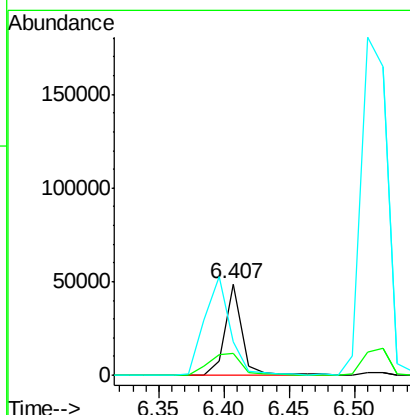
Tgt Ion: 94 Resp: 45063

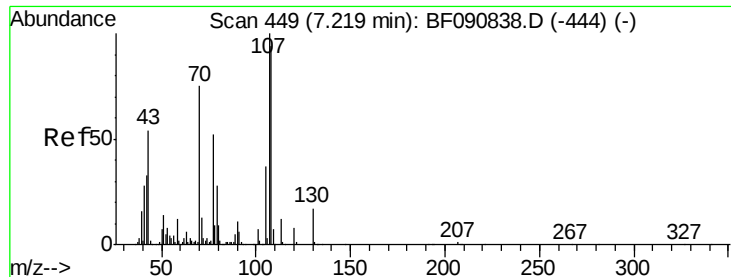
Ion Ratio Lower Upper

94 100

65 24.3 0.7 40.7

66 35.9 0.8 40.8

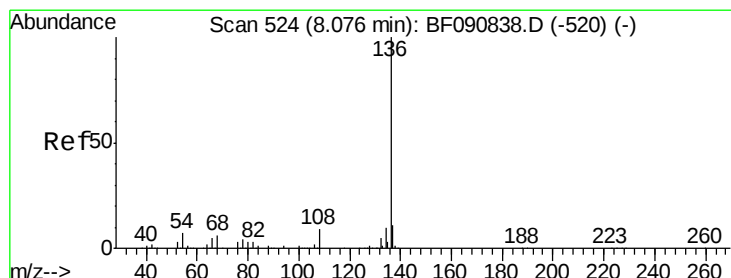
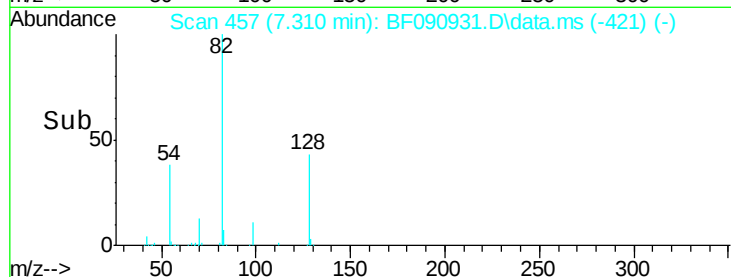
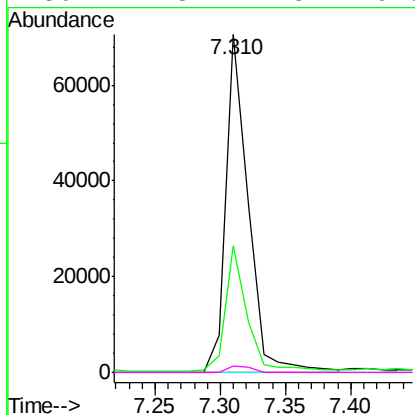
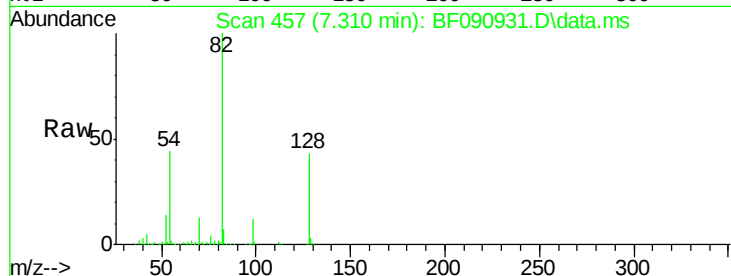




#19
 n-Nitroso-di-n-propylamine
 Concen: 14.08 ng
 RT: 7.310 min Scan# 45
 Delta R.T. 0.114 min
 Lab File: BF090931.D
 Acq: 31 Oct 2016 16:38

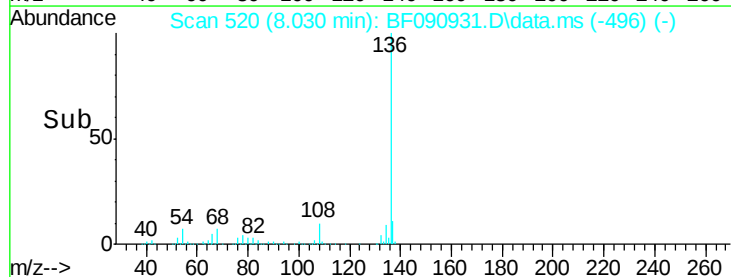
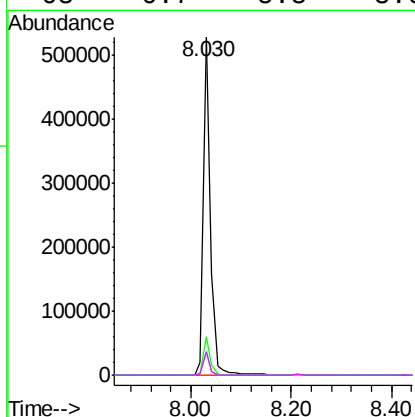
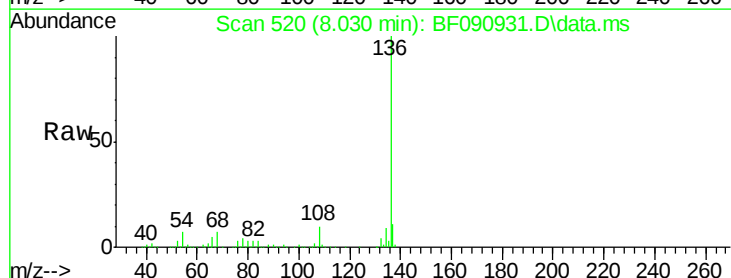
Instrument :
 BNA_F
 ClientSampleId :

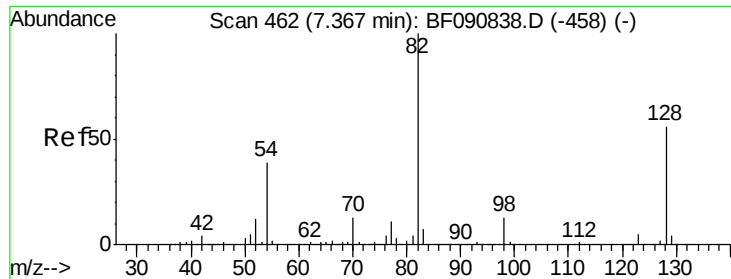
Tot Ion: 70 Resp: 84689
 Ion Ratio Lower Upper
 70 100
 42 37.6 63.8 95.6#
 101 0.0 9.2 13.8#
 130 1.8 27.3 40.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.030 min Scan# 520
 Delta R.T. -0.023 min
 Lab File: BF090931.D
 Acq: 31 Oct 2016 16:38

Tgt Ion: 136 Resp: 519032
 Ion Ratio Lower Upper
 136 100
 137 11.4 9.0 13.6
 54 7.1 8.2 12.2#
 68 6.7 5.8 8.6





#23

Nitrobenzene-d5

Concen: 84.54 ng

RT: 7.310 min Scan# 45

Delta R.T. -0.023 min

Lab File: BF090931.D

Acq: 31 Oct 2016 16:38

Instrument :

BNA_F

ClientSampleId :

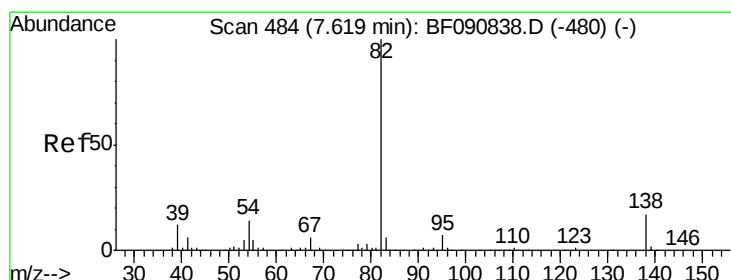
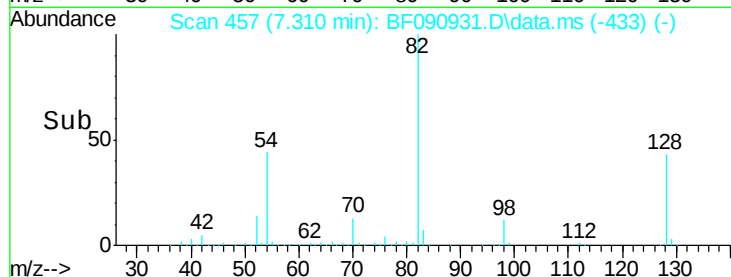
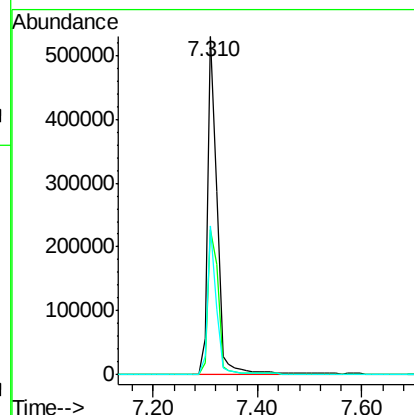
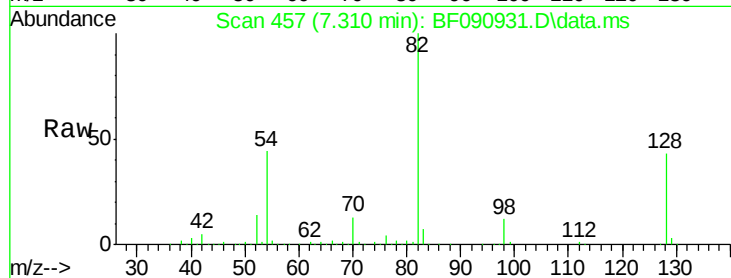
Tot Ion: 82 Resp: 670277

Ion Ratio Lower Upper

82 100

128 42.7 51.0 76.6#

54 44.0 47.5 71.3#



#25

Isophorone

Concen: 38.04 ng

RT: 7.310 min Scan# 457

Delta R.T. -0.286 min

Lab File: BF090931.D

Acq: 31 Oct 2016 16:38

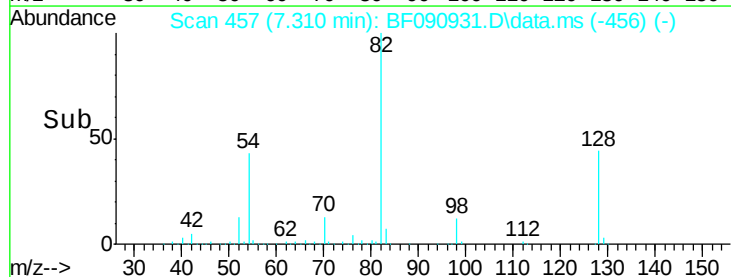
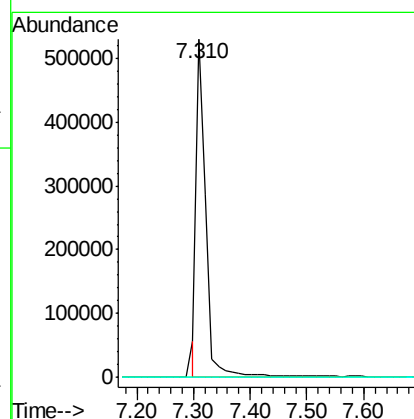
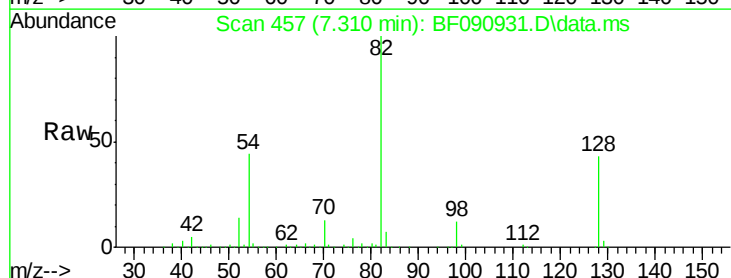
Tgt Ion: 82 Resp: 612071

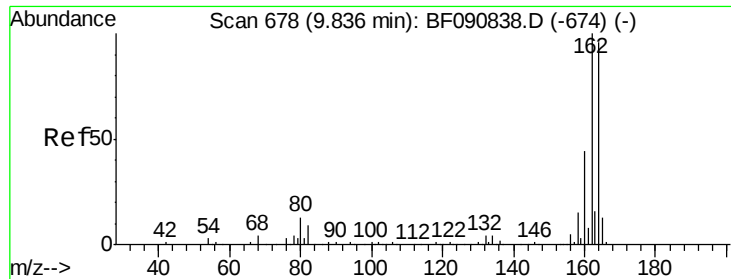
Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.779 min Scan# 67

Delta R.T. -0.034 min

Lab File: BF090931.D

Acq: 31 Oct 2016 16:38

Instrument :

BNA_F

ClientSampleId :

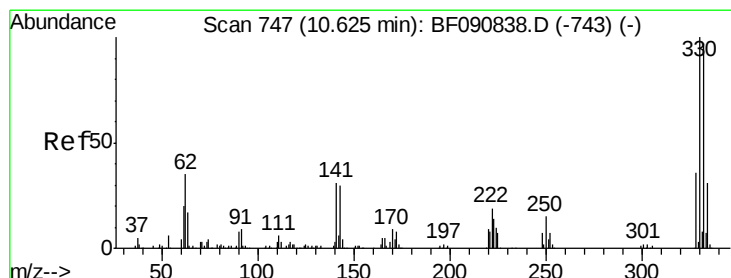
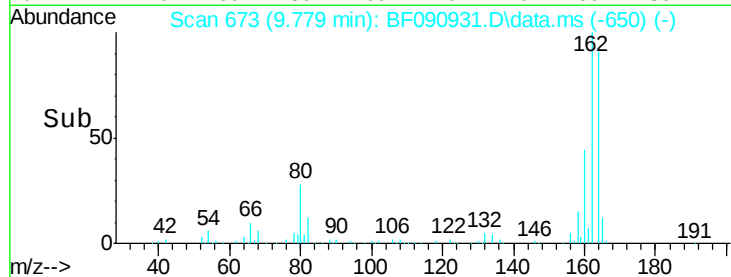
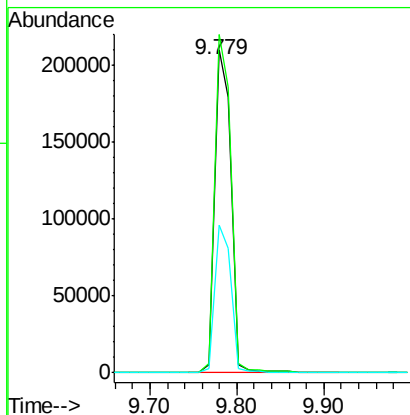
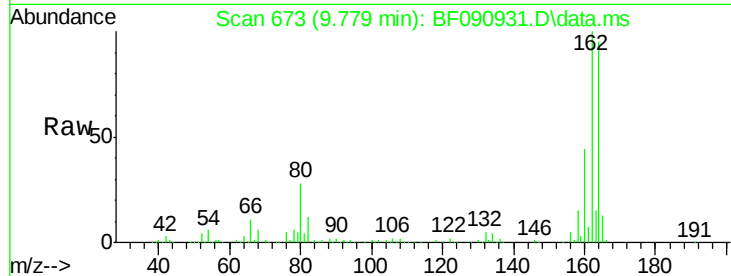
Tot Ion:164 Resp: 278850

Ion Ratio Lower Upper

164 100

162 104.7 75.2 112.8

160 45.6 31.5 47.3



#41

2,4,6-Tribromophenol

Concen: 129.32 ng

RT: 10.579 min Scan# 743

Delta R.T. -0.023 min

Lab File: BF090931.D

Acq: 31 Oct 2016 16:38

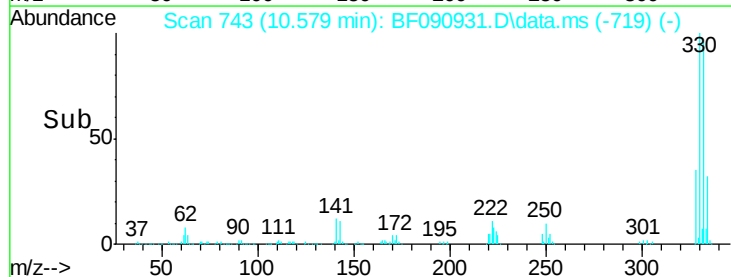
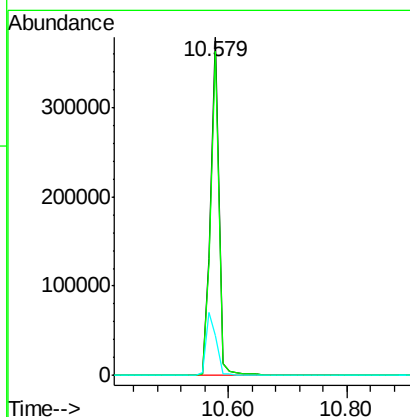
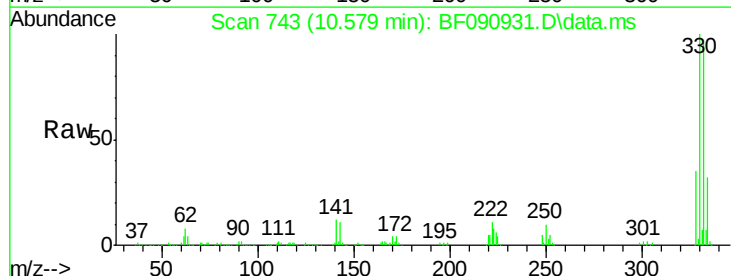
Tgt Ion:330 Resp: 370592

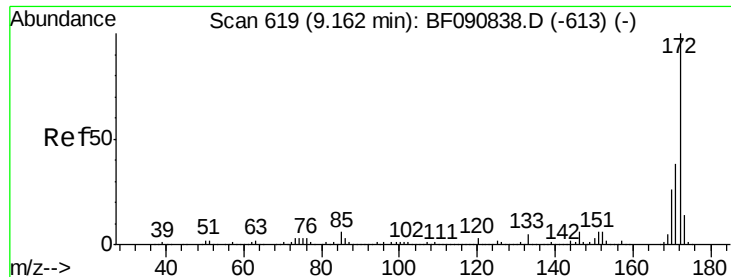
Ion Ratio Lower Upper

330 100

332 95.8 76.6 114.8

141 23.1 29.7 44.5#

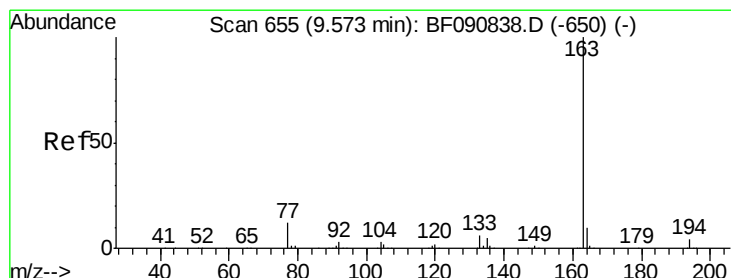
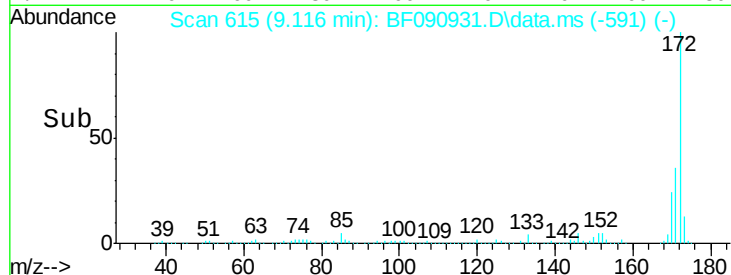
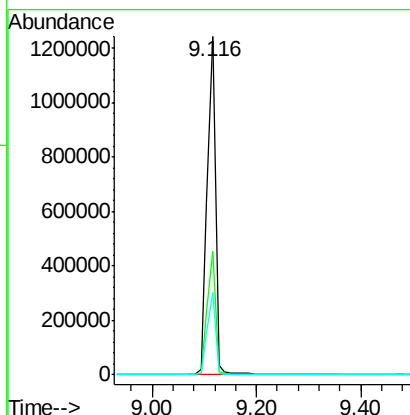
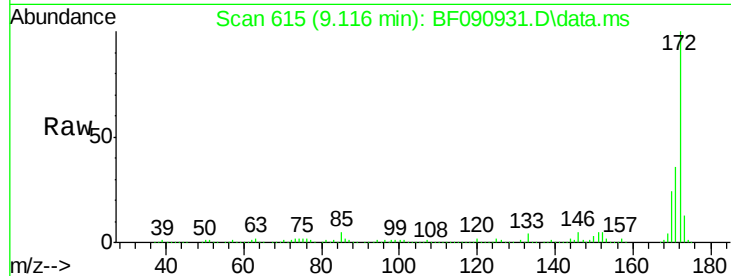




#44
2-Fluorobiphenyl
Concen: 85.20 ng
RT: 9.116 min Scan# 61
Delta R.T. -0.023 min
Lab File: BF090931.D
Acq: 31 Oct 2016 16:38

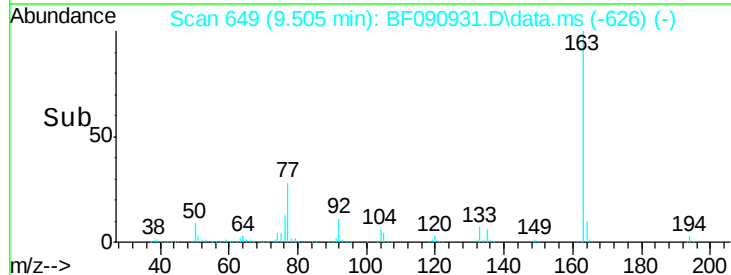
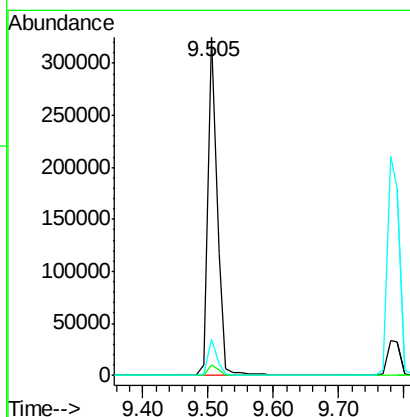
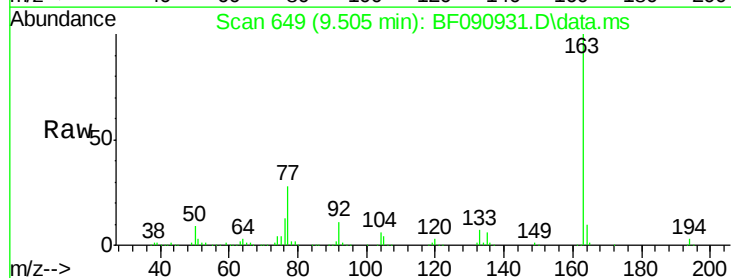
Instrument :
BNA_F
ClientSampleId :

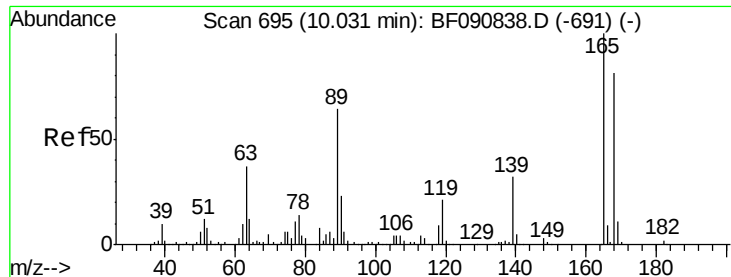
Tot Ion:172 Resp: 1352967
Ion Ratio Lower Upper
172 100
171 36.5 26.1 39.1
170 24.4 17.4 26.2



#49
Dimethylphthalate
Concen: 17.33 ng
RT: 9.505 min Scan# 649
Delta R.T. -0.034 min
Lab File: BF090931.D
Acq: 31 Oct 2016 16:38

Tgt Ion:163 Resp: 322871
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.5 8.3 12.5

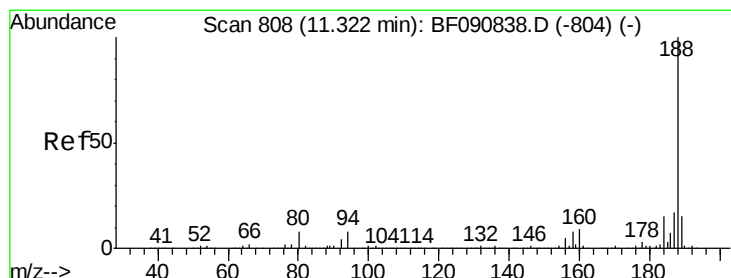
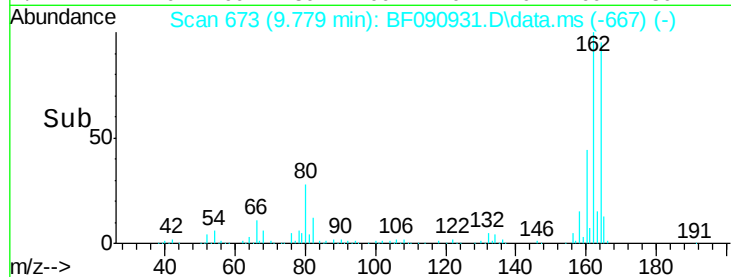
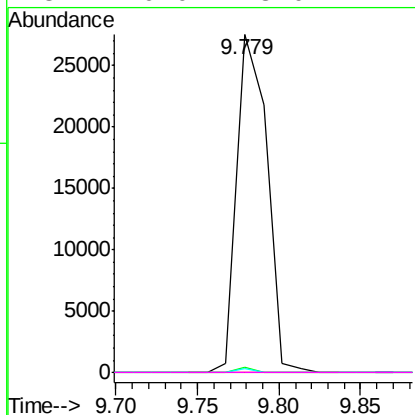
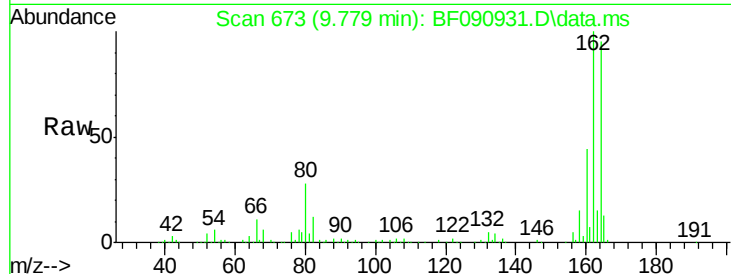




#56
 2,4-Dinitrotoluene
 Concen: 6.86 ng
 RT: 9.779 min Scan# 67
 Delta R.T. -0.228 min
 Lab File: BF090931.D
 Acq: 31 Oct 2016 16:38

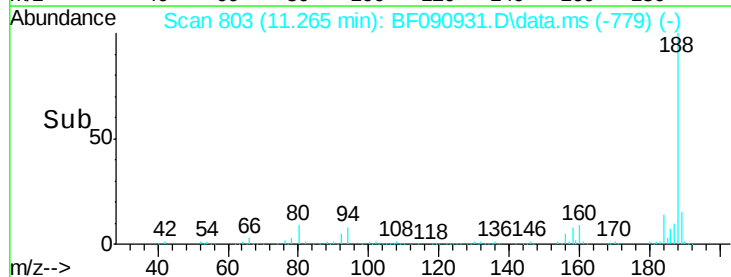
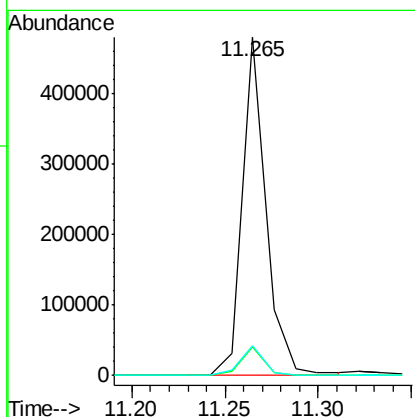
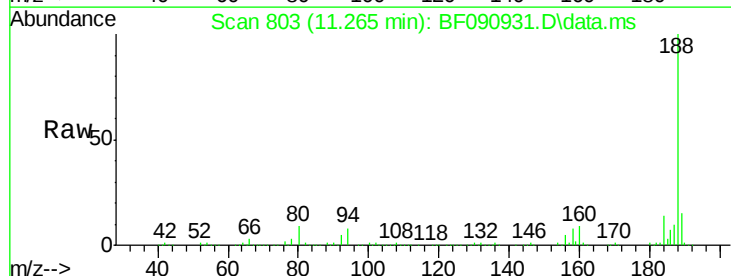
Instrument :
 BNA_F
 ClientSampleId :

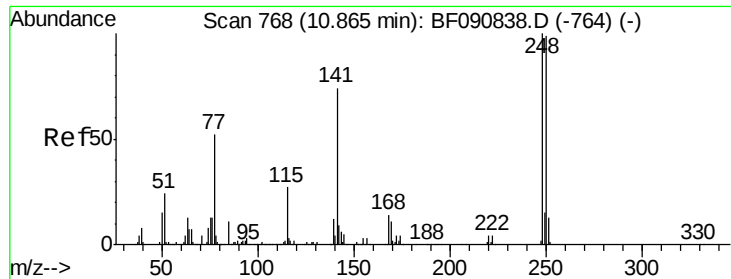
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	29.8	44.6#
89	1.3	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.265 min Scan# 803
 Delta R.T. -0.023 min
 Lab File: BF090931.D
 Acq: 31 Oct 2016 16:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	11.1	16.7#
80	8.7	11.0	16.4#

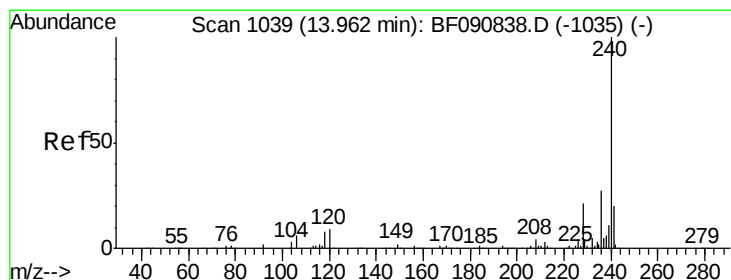
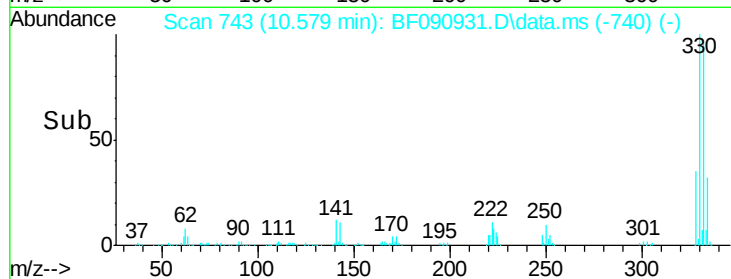
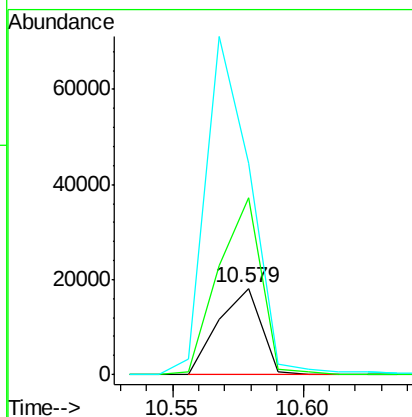
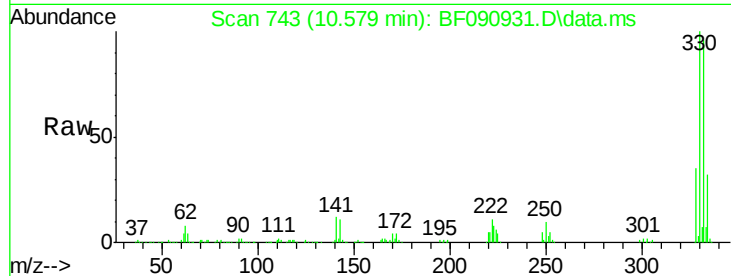




#66
4-Bromophenyl-phenylether
Concen: 4.42 ng
RT: 10.579 min Scan# 74
Delta R.T. -0.263 min
Lab File: BF090931.D
Acq: 31 Oct 2016 16:38

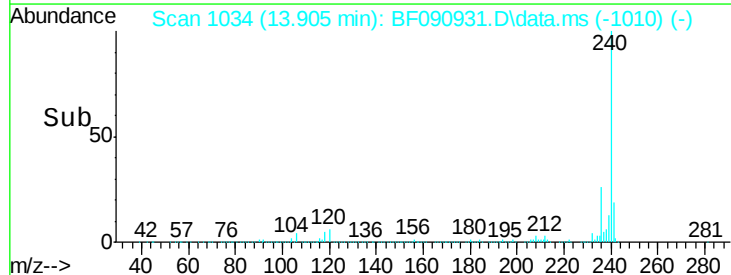
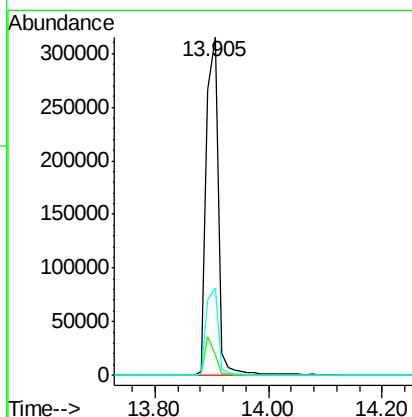
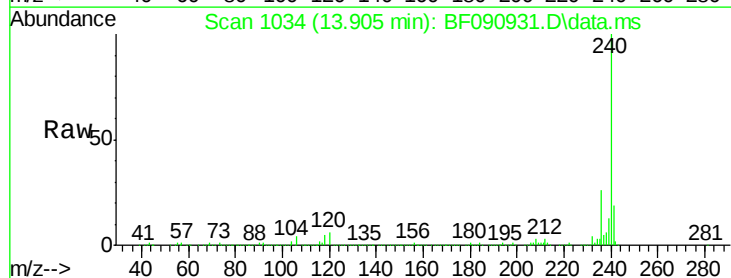
Instrument :
BNA_F
ClientSampleId :

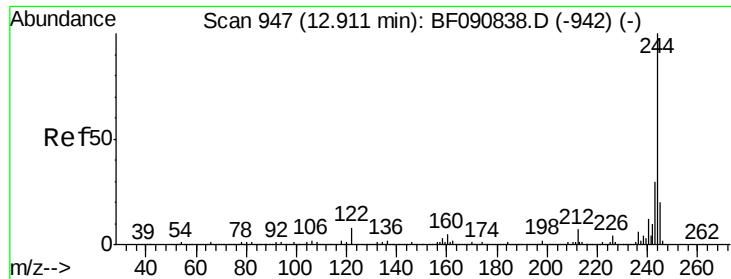
Tot Ion:248 Resp: 20627
Ion Ratio Lower Upper
248 100
250 205.1 78.5 117.7#
141 245.4 59.0 88.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.905 min Scan# 1034
Delta R.T. -0.023 min
Lab File: BF090931.D
Acq: 31 Oct 2016 16:38

Tgt Ion:240 Resp: 436955
Ion Ratio Lower Upper
240 100
120 6.1 16.2 24.2#
236 25.8 18.4 27.6





#78

Terphenyl-d14

Concen: 76.96 ng

RT: 12.854 min Scan# 94

Delta R.T. -0.023 min

Lab File: BF090931.D

Acq: 31 Oct 2016 16:38

Instrument :

BNA_F

ClientSampled :

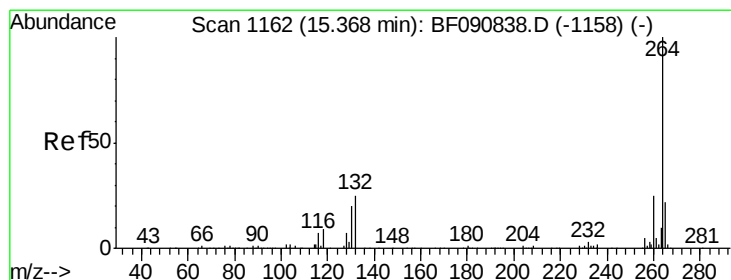
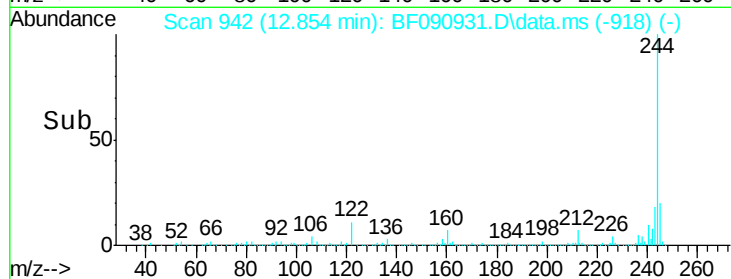
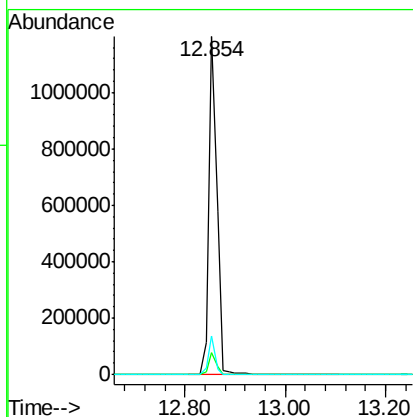
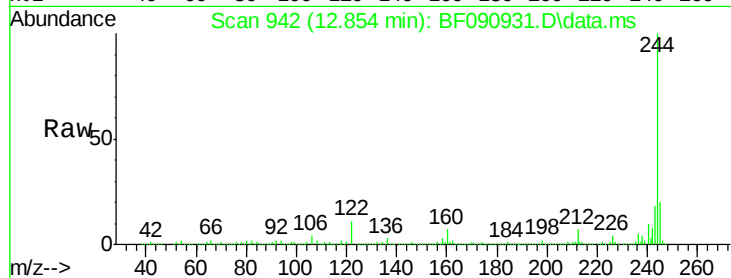
Tot Ion:244 Resp: 1334691

Ion Ratio Lower Upper

244 100

212 6.6 4.3 6.5#

122 11.3 17.4 26.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.300 min Scan# 1156

Delta R.T. -0.034 min

Lab File: BF090931.D

Acq: 31 Oct 2016 16:38

Tgt Ion:264 Resp: 369117

Ion Ratio Lower Upper

264 100

260 24.3 16.7 25.1

265 21.5 17.2 25.8

