

Data Path : Z:\HPCHEM1\BNA F\Data\BF103116\
 Data File : BF090935.D
 Acq On : 31 Oct 2016 18:27
 Operator : UM/SJ
 Sample : H5463-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 10:36:07 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

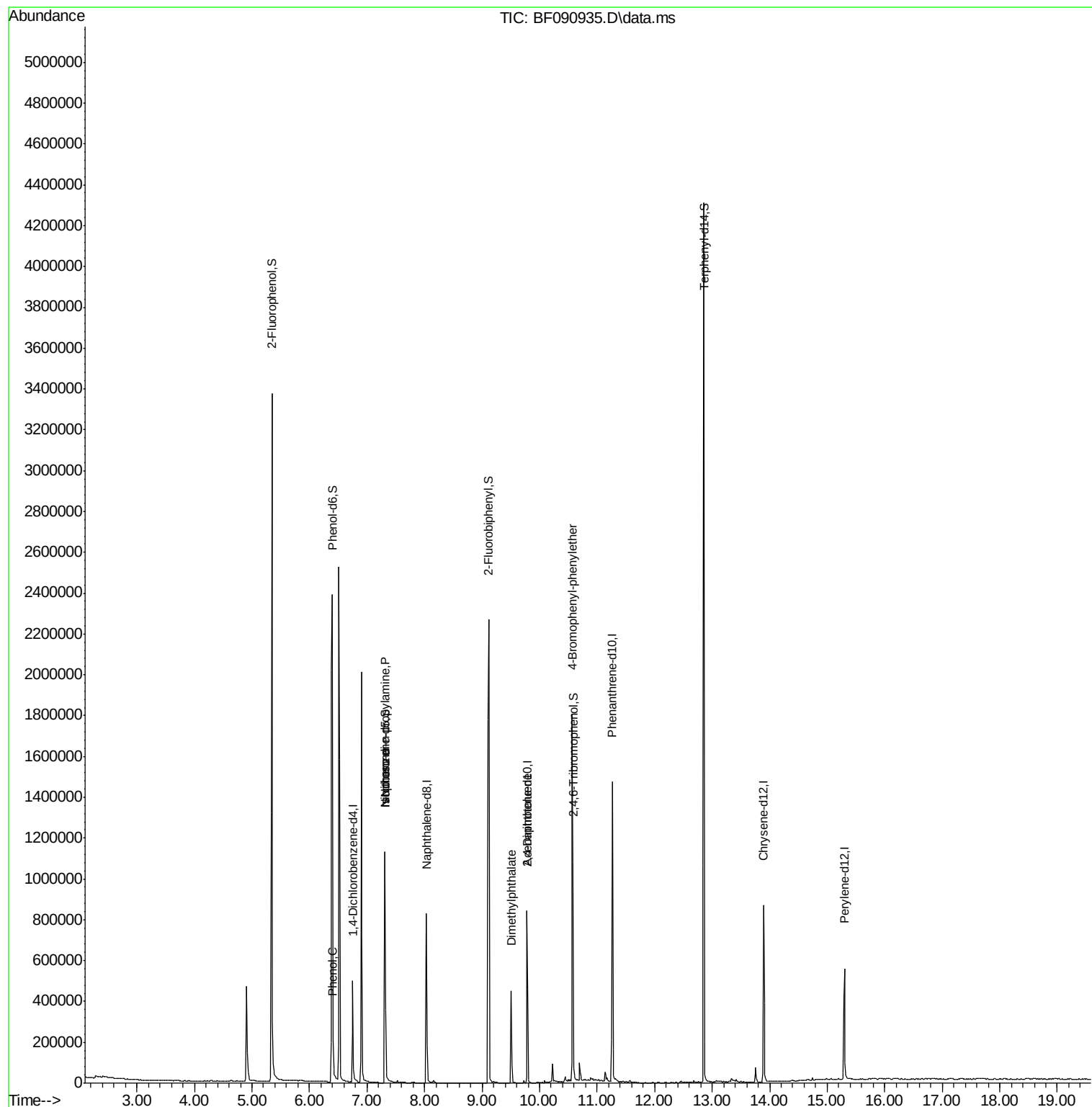
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.750	152	113209	20.00	ng	-0.01
21) Naphthalene-d8	8.030	136	436873	20.00	ng	-0.02
38) Acenaphthene-d10	9.779	164	237337	20.00	ng	-0.03
63) Phenanthrene-d10	11.265	188	514645	20.00	ng	-0.02
75) Chrysene-d12	13.894	240	382254	20.00	ng	-0.03
86) Perylene-d12	15.300	264	302719	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.344	112	1053118	162.64	ng	-0.01
7) Phenol-d6	6.396	99	1333608	152.66	ng	-0.02
23) Nitrobenzene-d5	7.310	82	461100	69.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.579	330	308280	126.39	ng	-0.02
44) 2-Fluorobiphenyl	9.116	172	1123614	83.13	ng	-0.02
78) Terphenyl-d14	12.854	244	1296185	85.43	ng	-0.02
Target Compounds						
10) Phenol	6.407	94	37693	3.92	ng	Qvalue 80
19) n-Nitroso-di-n-propyla...	7.310	70	59163	11.71	ng	# 48
25) Isophorone	7.310	82	412725	30.47	ng	# 58
49) Dimethylphthalate	9.505	163	205949	12.99	ng	# 97
56) 2,4-Dinitrotoluene	9.779	165	30254	6.95	ng	# 31
66) 4-Bromophenyl-phenylether	10.568	248	18782	3.33	ng	# 1

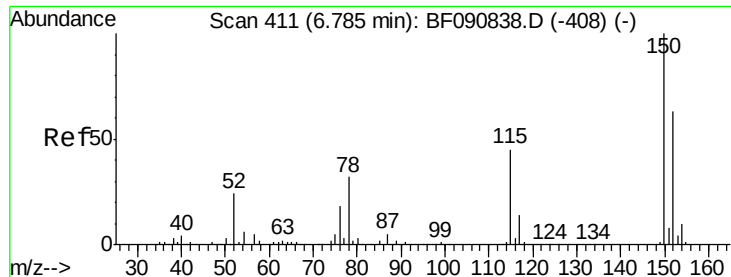
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090935.D

Acq: 31 Oct 2016 18:27

Instrument :

BNA_F

ClientSampleId :

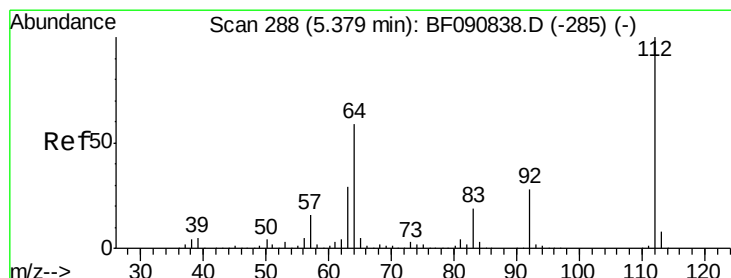
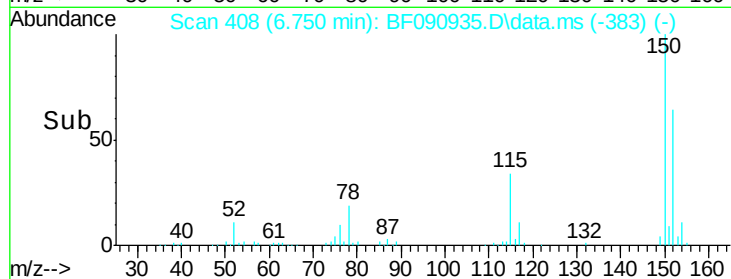
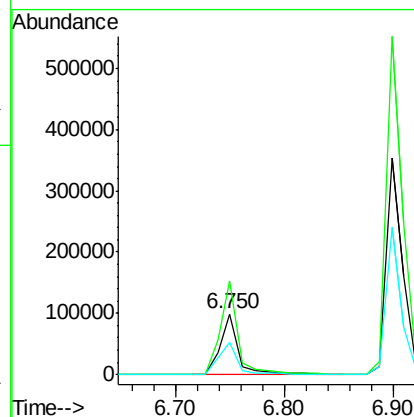
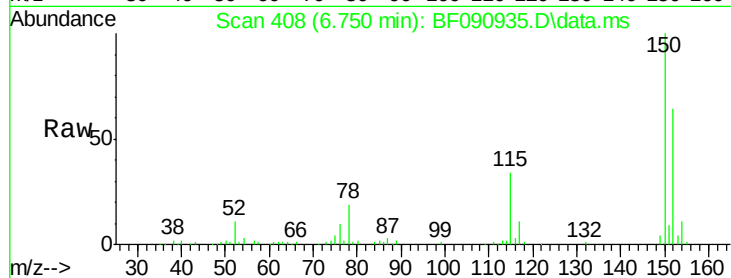
Tot Ion:152 Resp: 113209

Ion Ratio Lower Upper

152 100

150 155.6 124.7 187.1

115 53.1 39.0 58.4



#5

2-Fluorophenol

Concen: 162.64 ng

RT: 5.344 min Scan# 285

Delta R.T. -0.011 min

Lab File: BF090935.D

Acq: 31 Oct 2016 18:27

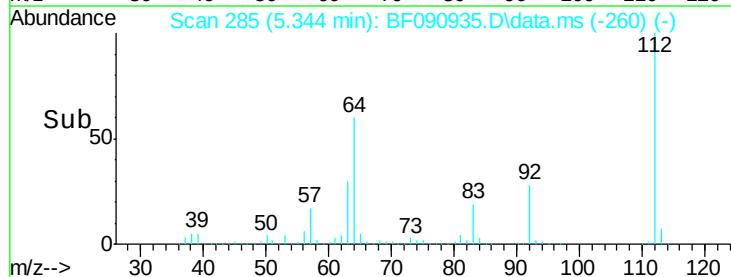
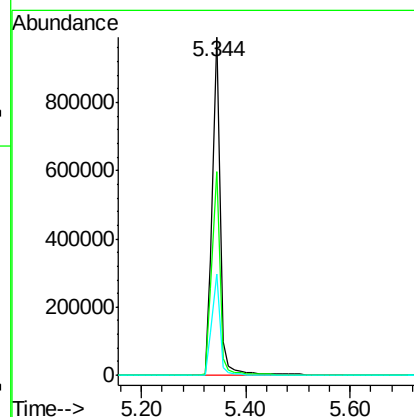
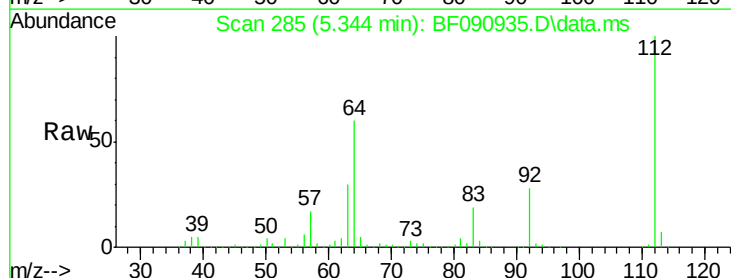
Tgt Ion:112 Resp: 1053118

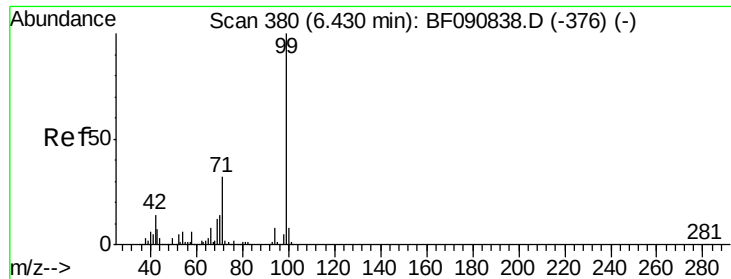
Ion Ratio Lower Upper

112 100

64 60.4 39.7 59.5#

63 29.9 17.4 26.0#





#7

Phenol-d6

Concen: 152.66 ng

RT: 6.396 min Scan# 37

Delta R.T. -0.023 min

Lab File: BF090935.D

Acq: 31 Oct 2016 18:27

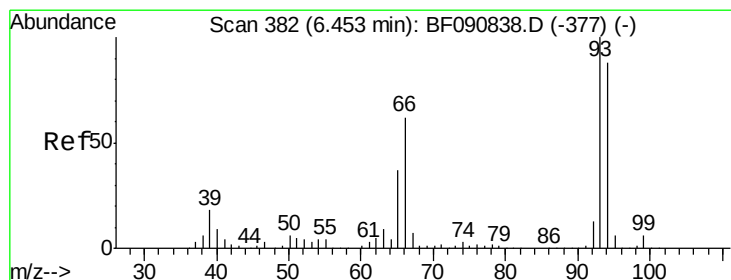
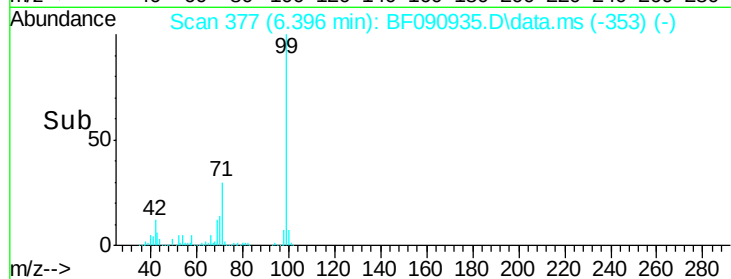
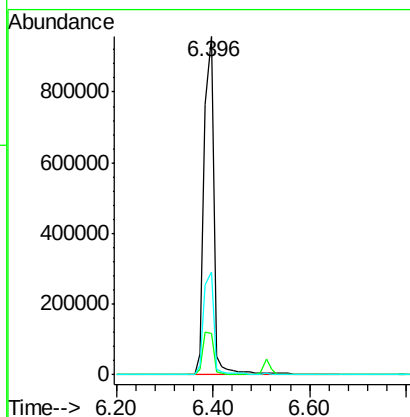
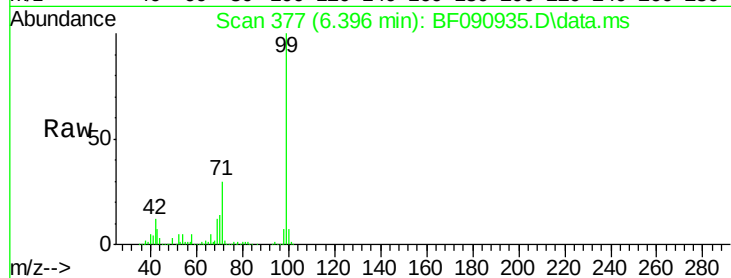
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1333608

Ion	Ratio	Lower	Upper
99	100		
42	12.3	13.7	20.5#
71	30.2	14.2	21.2#



#10

Phenol

Concen: 3.92 ng

RT: 6.407 min Scan# 378

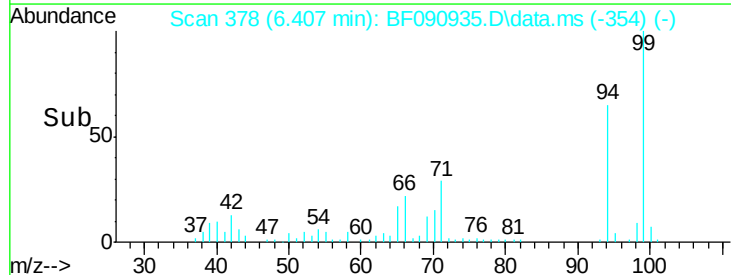
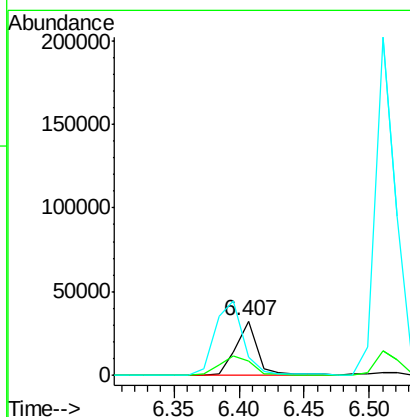
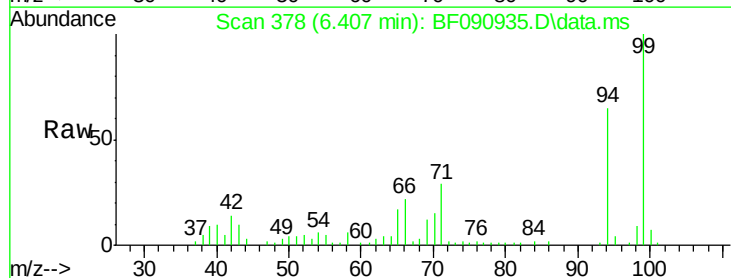
Delta R.T. -0.023 min

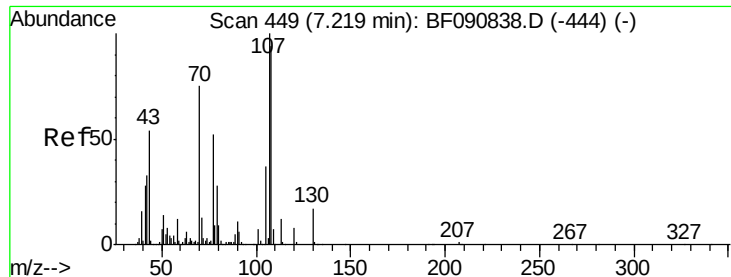
Lab File: BF090935.D

Acq: 31 Oct 2016 18:27

Tgt Ion: 94 Resp: 37693

Ion	Ratio	Lower	Upper
94	100		
65	25.6	0.7	40.7
66	34.3	0.8	40.8

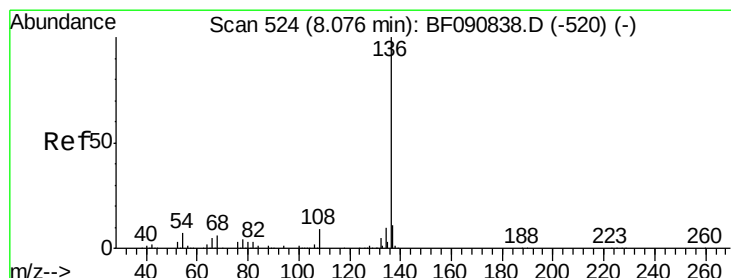
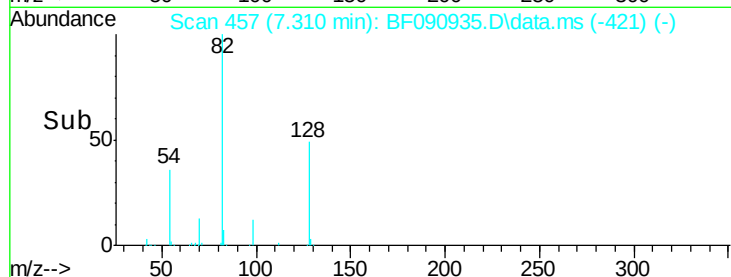
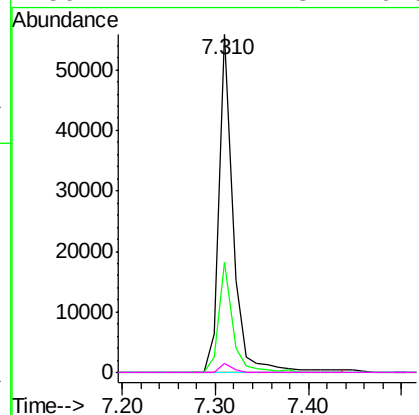
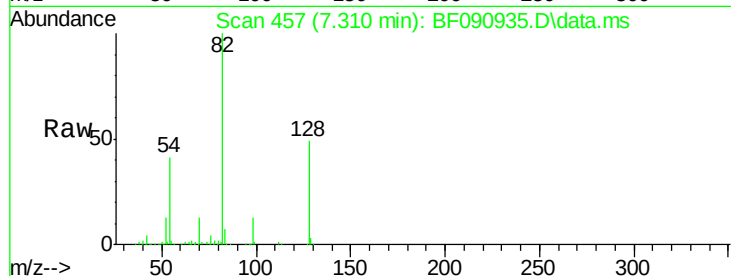




#19
n-Nitroso-di-n-propylamine
Concen: 11.71 ng
RT: 7.310 min Scan# 45
Delta R.T. 0.114 min
Lab File: BF090935.D
Acq: 31 Oct 2016 18:27

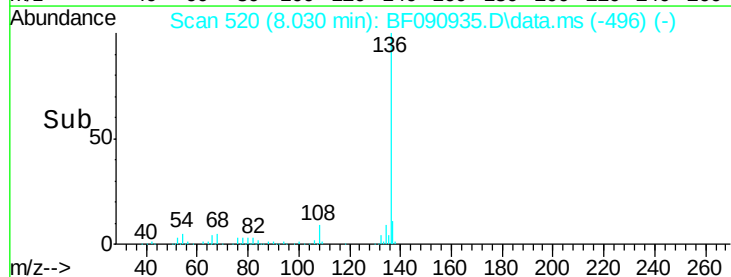
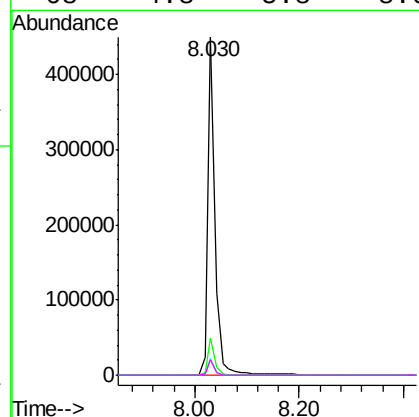
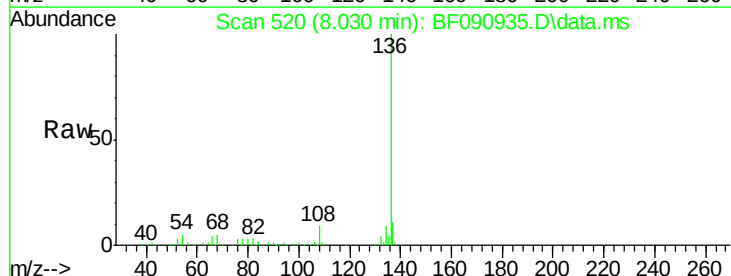
Instrument :
BNA_F
ClientSampleId :

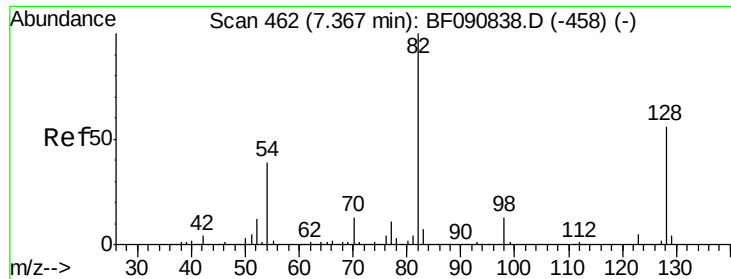
Tot Ion: 70 Resp: 59163
Ion Ratio Lower Upper
70 100
42 32.4 63.8 95.6#
101 0.0 9.2 13.8#
130 2.7 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.030 min Scan# 520
Delta R.T. -0.023 min
Lab File: BF090935.D
Acq: 31 Oct 2016 18:27

Tgt Ion:136 Resp: 436873
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 5.0 8.2 12.2#
68 4.8 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 69.09 ng

RT: 7.310 min Scan# 45

Delta R.T. -0.023 min

Lab File: BF090935.D

Acq: 31 Oct 2016 18:27

Instrument :

BNA_F

ClientSampleId :

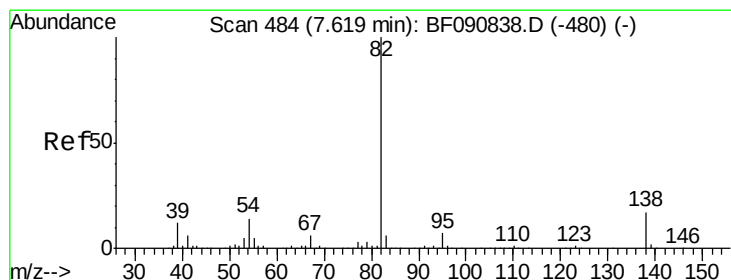
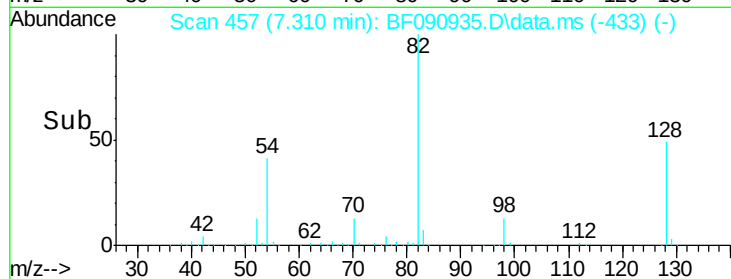
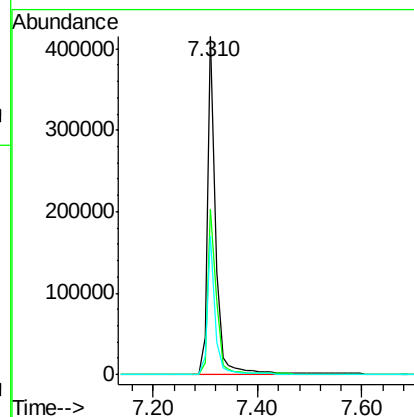
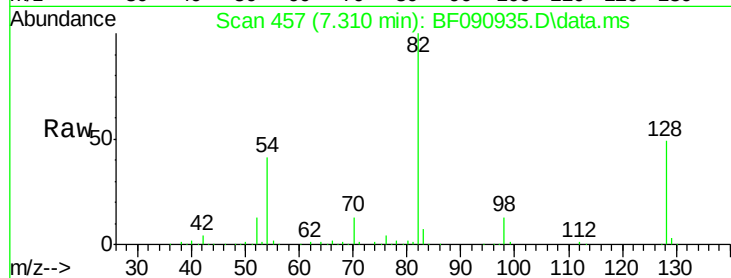
Tot Ion: 82 Resp: 461100

Ion Ratio Lower Upper

82 100

128 48.8 51.0 76.6#

54 40.9 47.5 71.3#



#25

Isophorone

Concen: 30.47 ng

RT: 7.310 min Scan# 457

Delta R.T. -0.286 min

Lab File: BF090935.D

Acq: 31 Oct 2016 18:27

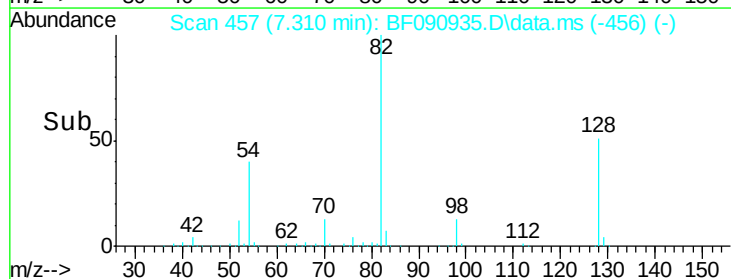
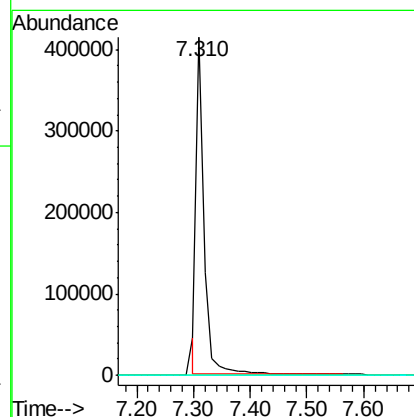
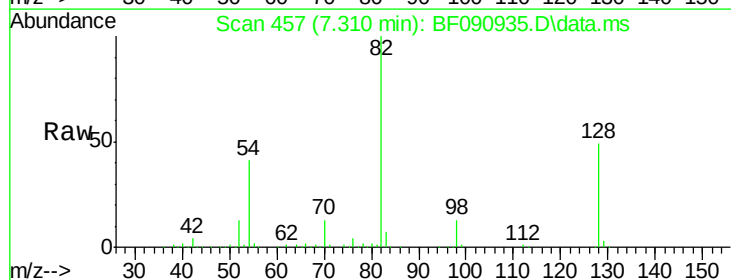
Tgt Ion: 82 Resp: 412725

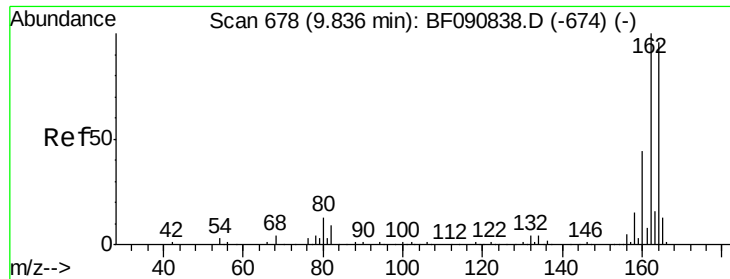
Ion Ratio Lower Upper

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: BF090935.D

Acq: 31 Oct 2016 18:27

Instrument :

BNA_F

ClientSampleId :

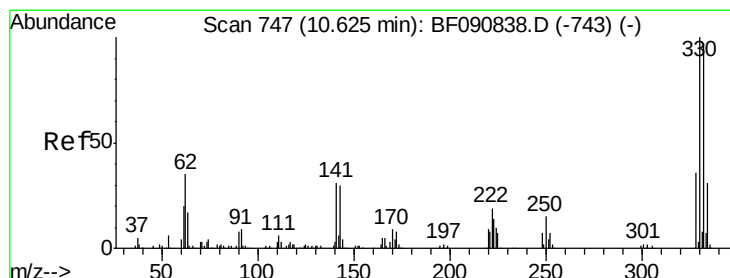
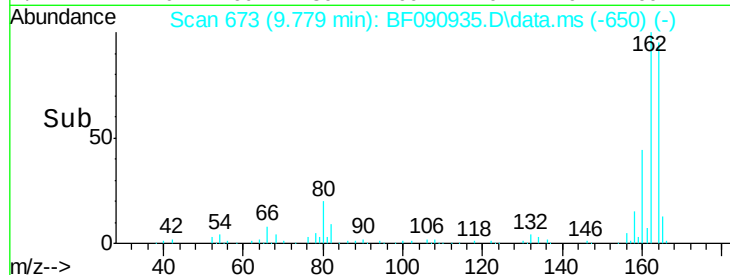
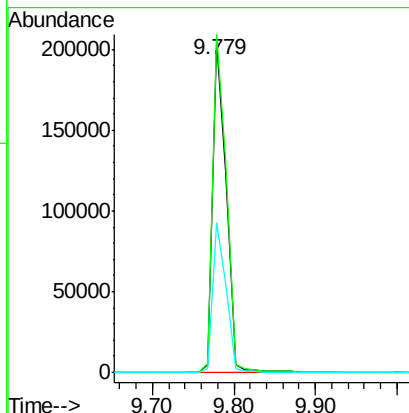
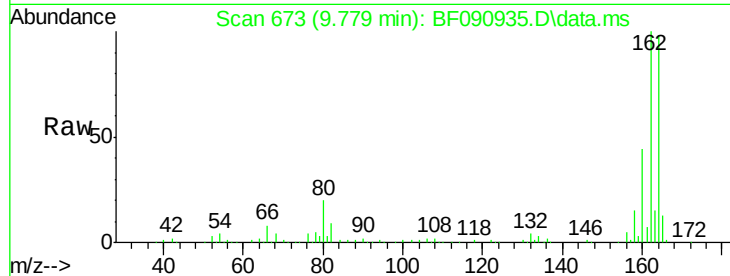
Tot Ion:164 Resp: 237337

Ion Ratio Lower Upper

164 100

162 102.3 75.2 112.8

160 45.3 31.5 47.3



#41

2,4,6-Tribromophenol

Concen: 126.39 ng

RT: 10.579 min Scan# 743

Delta R.T. -0.023 min

Lab File: BF090935.D

Acq: 31 Oct 2016 18:27

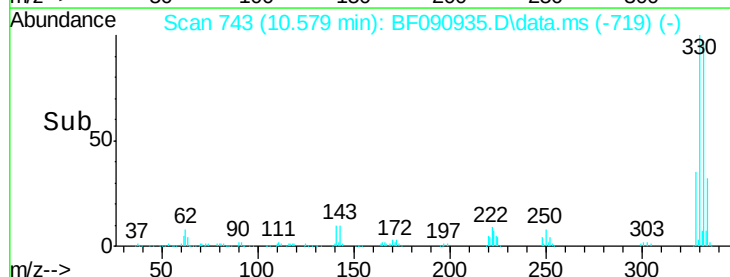
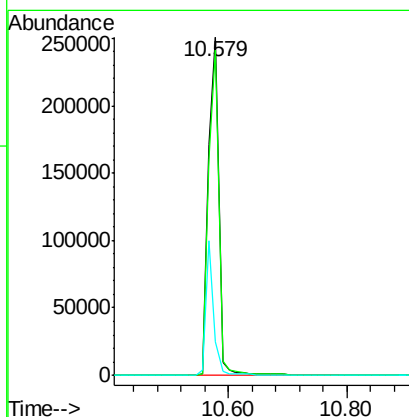
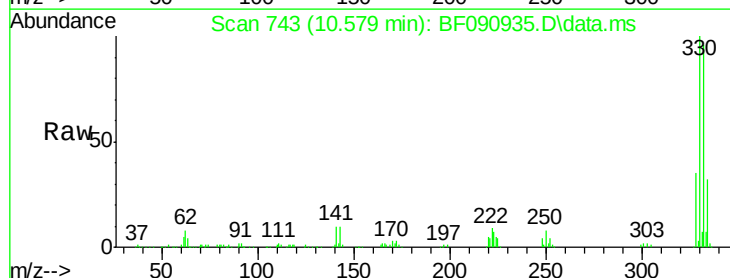
Tgt Ion:330 Resp: 308280

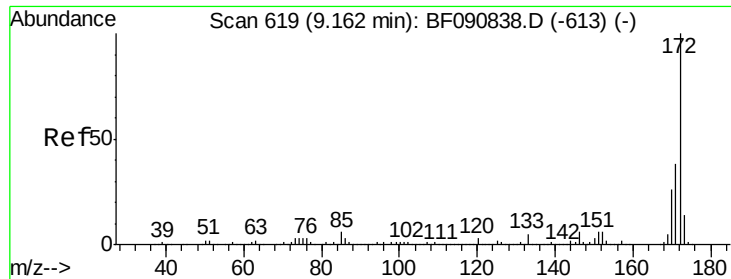
Ion Ratio Lower Upper

330 100

332 95.5 76.6 114.8

141 30.5 29.7 44.5

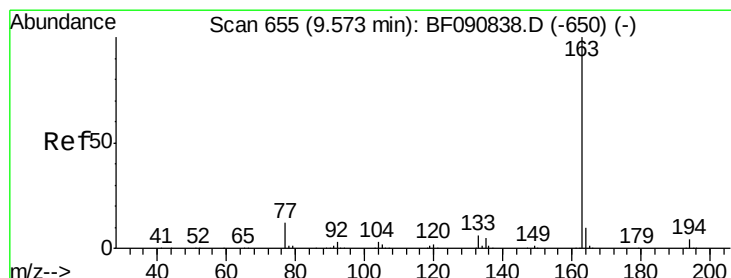
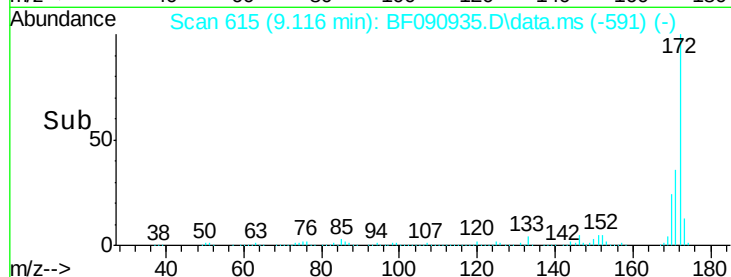
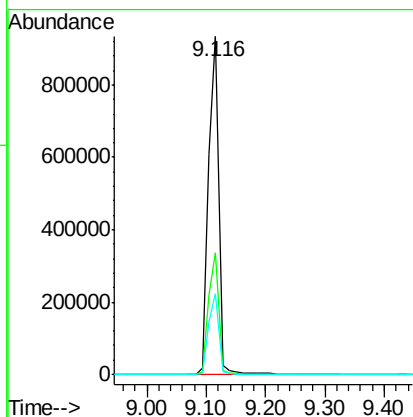
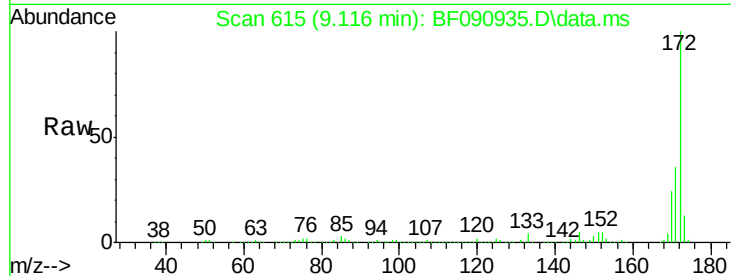




#44
2-Fluorobiphenyl
Concen: 83.13 ng
RT: 9.116 min Scan# 61
Delta R.T. -0.023 min
Lab File: BF090935.D
Acq: 31 Oct 2016 18:27

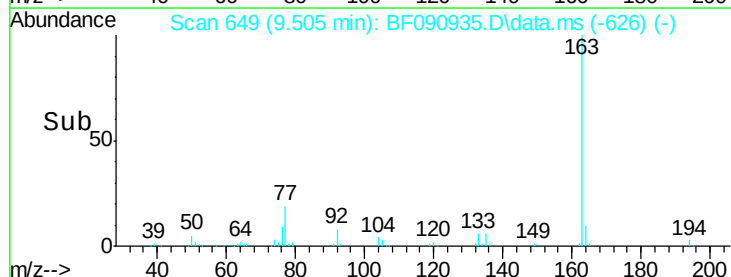
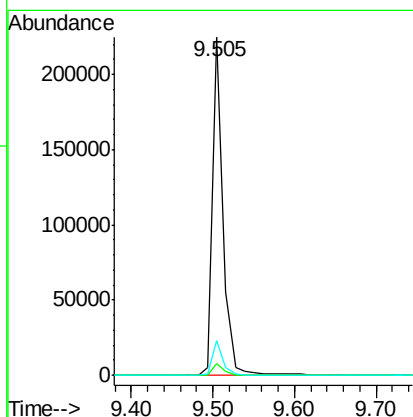
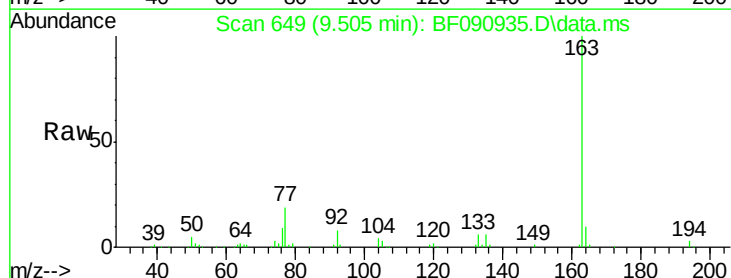
Instrument :
BNA_F
ClientSampleId :

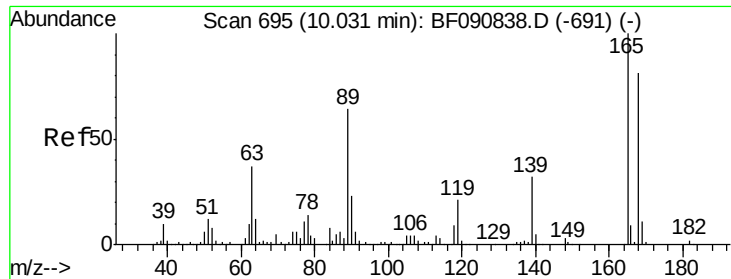
Tot Ion:172 Resp: 1123614
Ion Ratio Lower Upper
172 100
171 35.9 26.1 39.1
170 24.0 17.4 26.2



#49
Dimethylphthalate
Concen: 12.99 ng
RT: 9.505 min Scan# 649
Delta R.T. -0.034 min
Lab File: BF090935.D
Acq: 31 Oct 2016 18:27

Tgt Ion:163 Resp: 205949
Ion Ratio Lower Upper
163 100
194 3.3 4.4 6.6#
164 10.1 8.3 12.5

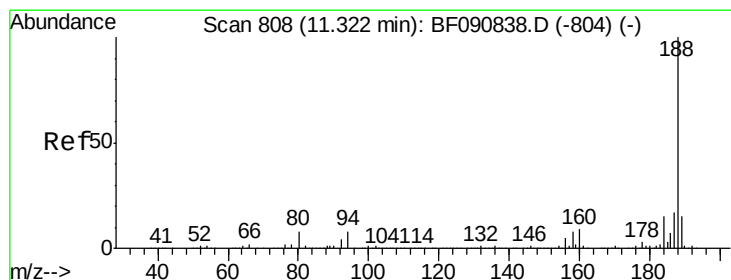
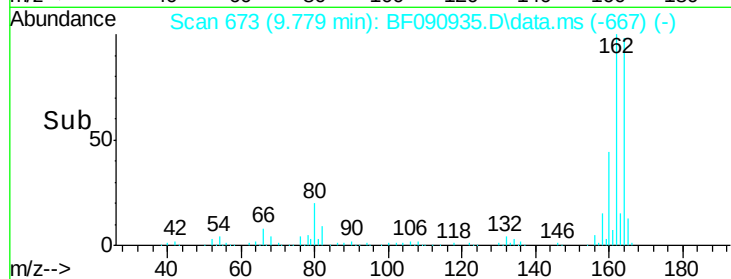
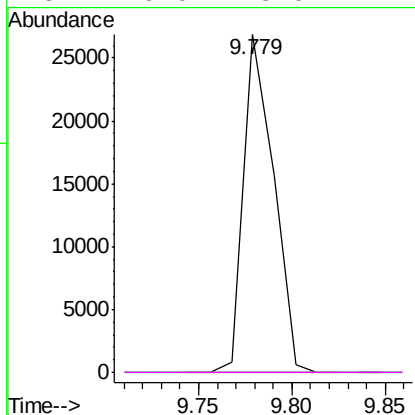
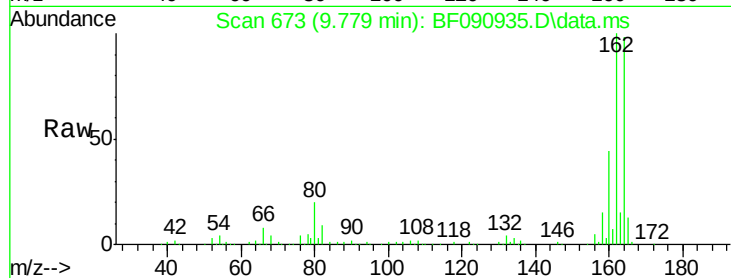




#56
 2,4-Dinitrotoluene
 Concen: 6.95 ng
 RT: 9.779 min Scan# 67
 Delta R.T. -0.228 min
 Lab File: BF090935.D
 Acq: 31 Oct 2016 18:27

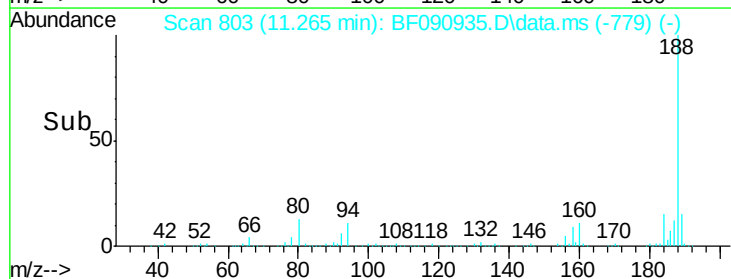
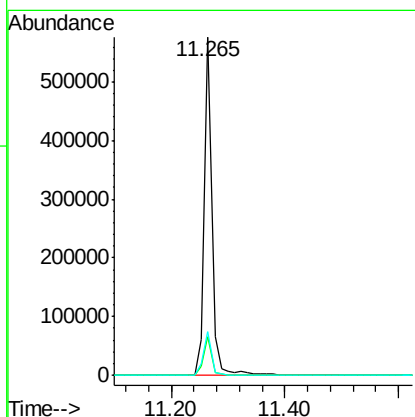
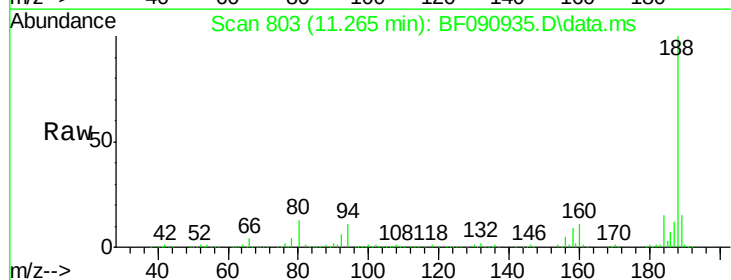
Instrument :
 BNA_F
 ClientSampleId :

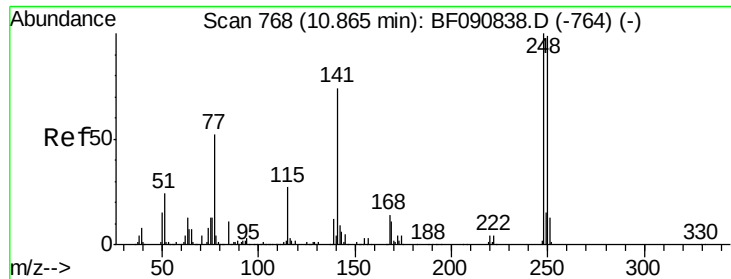
Tot Ion:	165	Resp:	30254
Ion Ratio	Lower	Upper	
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.265 min Scan# 803
 Delta R.T. -0.023 min
 Lab File: BF090935.D
 Acq: 31 Oct 2016 18:27

Tgt Ion:	188	Resp:	514645
Ion Ratio	Lower	Upper	
188	100		
94	11.4	11.1	16.7
80	12.8	11.0	16.4





#66

4-Bromophenyl-phenylether

Concen: 3.33 ng

RT: 10.568 min Scan# 74

Delta R.T. -0.274 min

Lab File: BF090935.D

Acq: 31 Oct 2016 18:27

Instrument :

BNA_F

ClientSampleId :

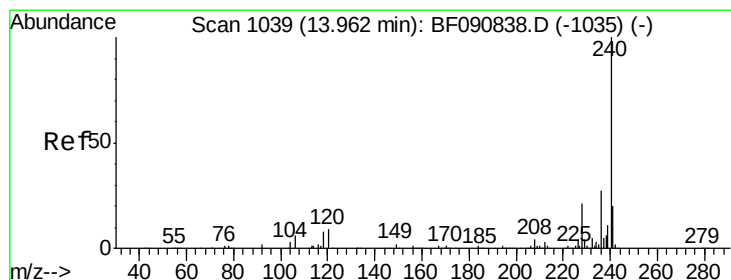
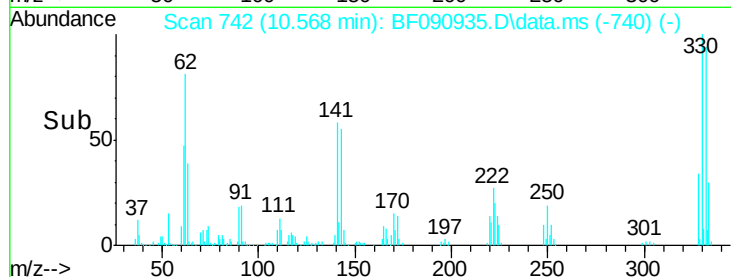
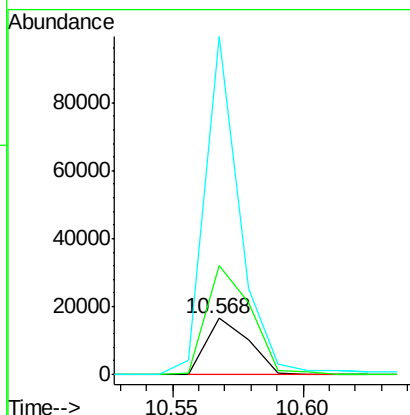
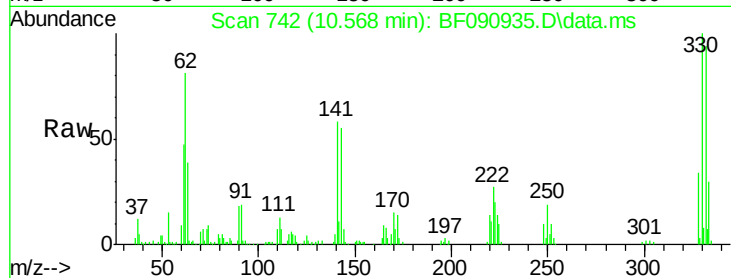
Tot Ion:248 Resp: 18782

Ion Ratio Lower Upper

248 100

250 194.1 78.5 117.7#

141 604.1 59.0 88.6#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.894 min Scan# 1033

Delta R.T. -0.034 min

Lab File: BF090935.D

Acq: 31 Oct 2016 18:27

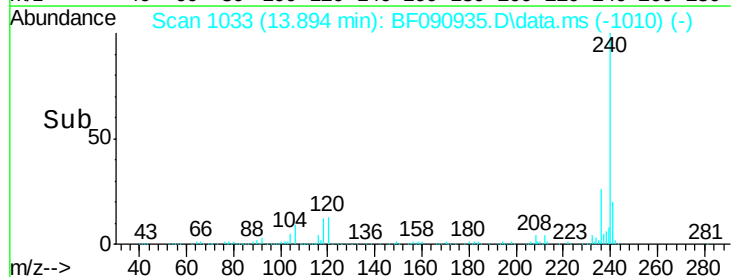
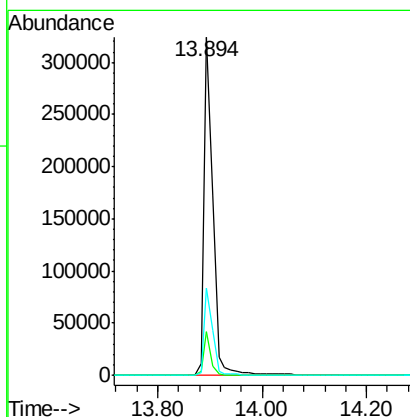
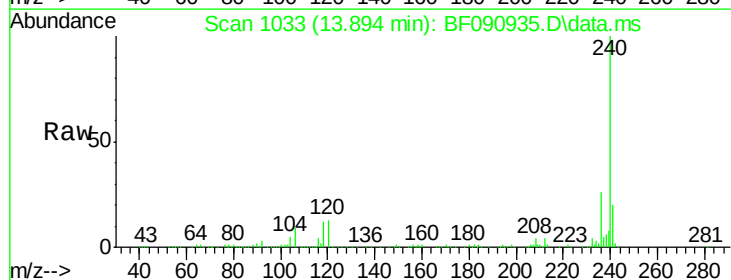
Tgt Ion:240 Resp: 382254

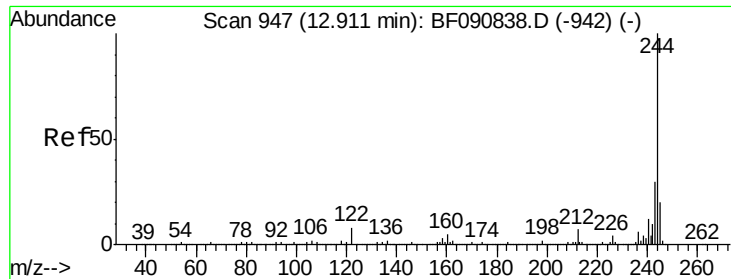
Ion Ratio Lower Upper

240 100

120 12.7 16.2 24.2#

236 25.8 18.4 27.6





#78

Terphenyl-d14

Concen: 85.43 ng

RT: 12.854 min Scan# 94

Delta R.T. -0.023 min

Lab File: BF090935.D

Acq: 31 Oct 2016 18:27

Instrument :

BNA_F

ClientSampleId :

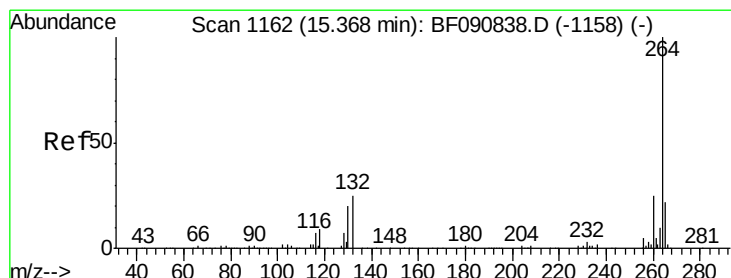
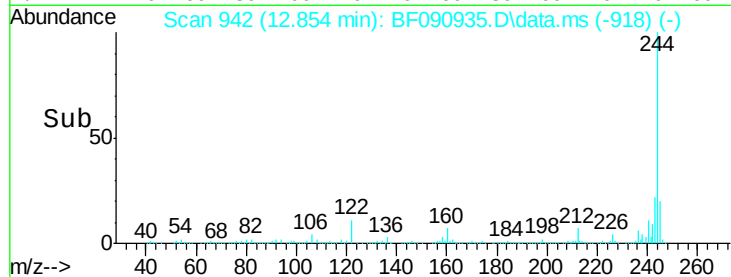
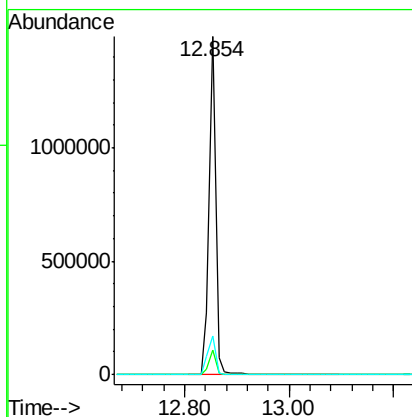
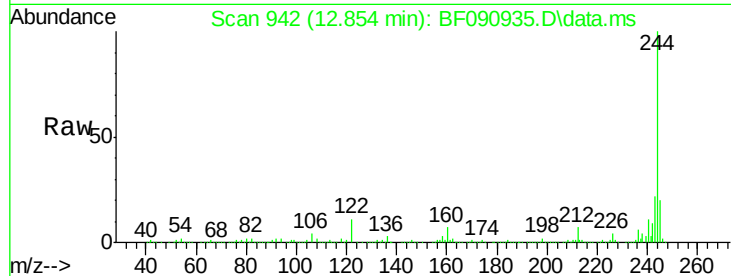
Tot Ion:244 Resp: 1296185

Ion Ratio Lower Upper

244 100

212 7.1 4.3 6.5#

122 11.4 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: BF090935.D

Acq: 31 Oct 2016 18:27

Tgt Ion:264 Resp: 302719

Ion Ratio Lower Upper

264 100

260 23.9 16.7 25.1

265 22.0 17.2 25.8

