

Data Path : Z:\HPCHEM1\BNA F\Data\BF103116\
 Data File : BF090932.D
 Acq On : 31 Oct 2016 17:05
 Operator : UM/SJ
 Sample : H5463-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 10:35:27 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

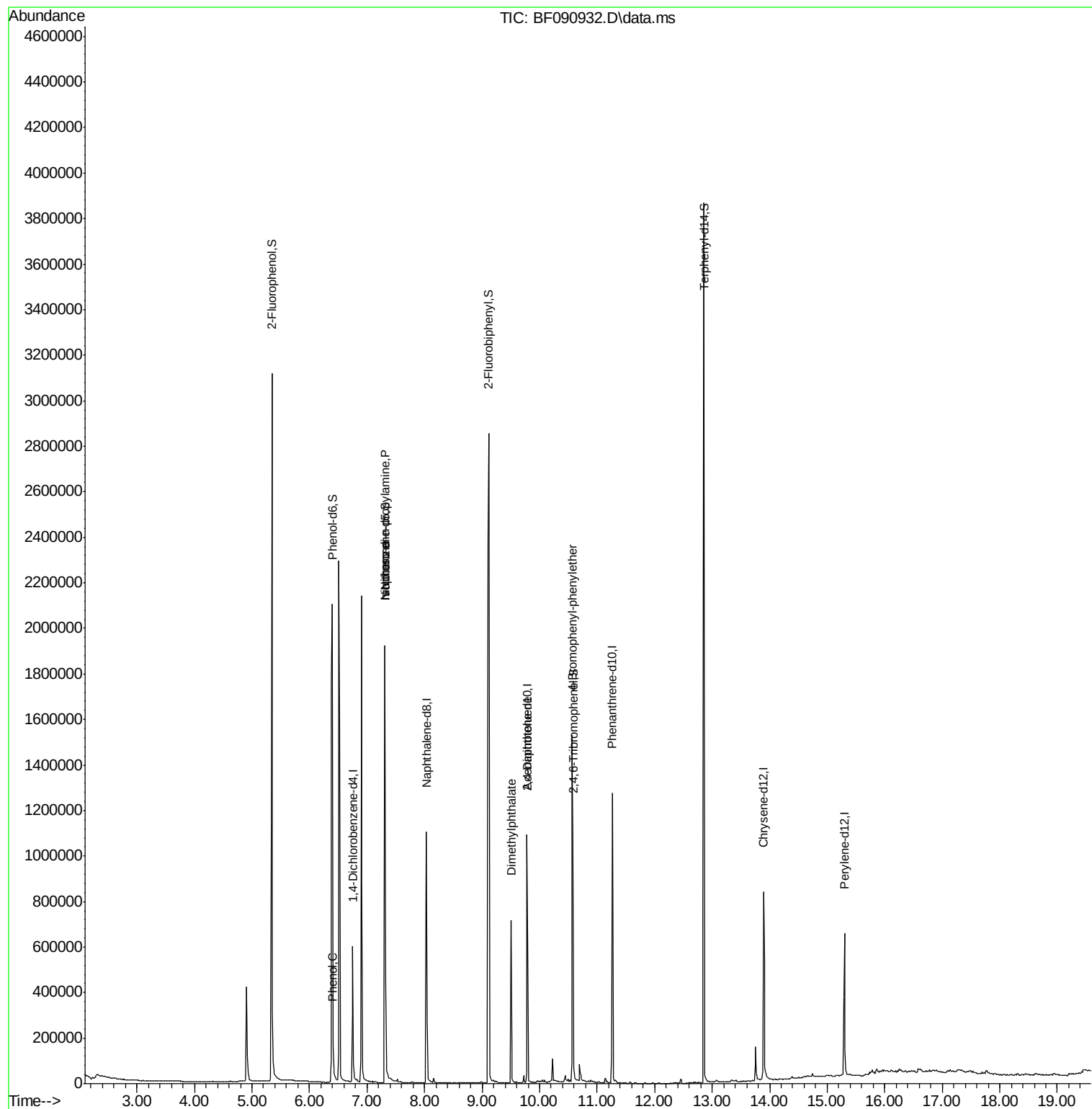
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.750	152	127798	20.00	ng	-0.01
21) Naphthalene-d8	8.030	136	540130	20.00	ng	-0.02
38) Acenaphthene-d10	9.779	164	277374	20.00	ng	-0.03
63) Phenanthrene-d10	11.265	188	476608	20.00	ng	-0.02
75) Chrysene-d12	13.894	240	390180	20.00	ng	-0.03
86) Perylene-d12	15.300	264	315434	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.344	112	951252	130.14	ng	-0.01
7) Phenol-d6	6.396	99	1172463	118.90	ng	-0.02
23) Nitrobenzene-d5	7.310	82	720749	87.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.579	330	277343	97.30	ng	-0.02
44) 2-Fluorobiphenyl	9.116	172	1304365	82.58	ng	-0.02
78) Terphenyl-d14	12.854	244	1267775	81.86	ng	-0.02
Target Compounds						
10) Phenol	6.407	94	32866	3.02	ng	Qvalue 78
19) n-Nitroso-di-n-propyla...	7.310	70	97399	17.08	ng	# 54
25) Isophorone	7.310	82	669761	40.00	ng	# 58
49) Dimethylphthalate	9.505	163	269144	14.52	ng	# 97
56) 2,4-Dinitrotoluene	9.779	165	35299	6.94	ng	# 34
66) 4-Bromophenyl-phenylether	10.568	248	16107	3.09	ng	# 1

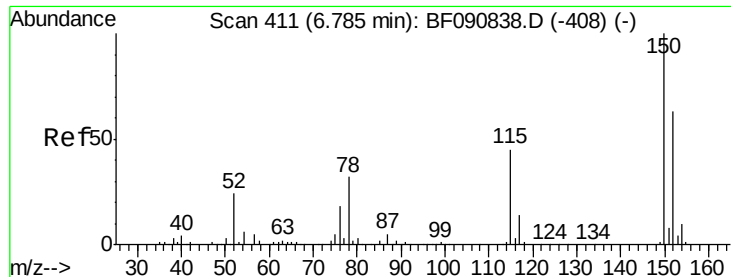
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090932.D

Acq: 31 Oct 2016 17:05

Instrument :

BNA_F

ClientSampleId :

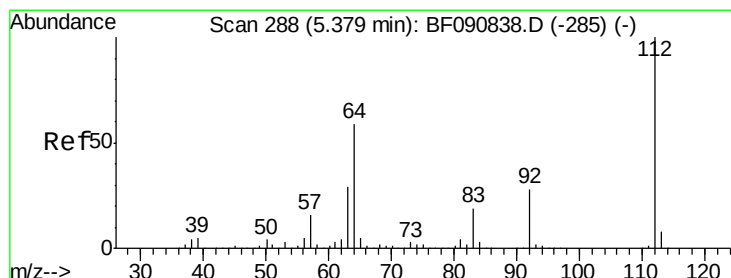
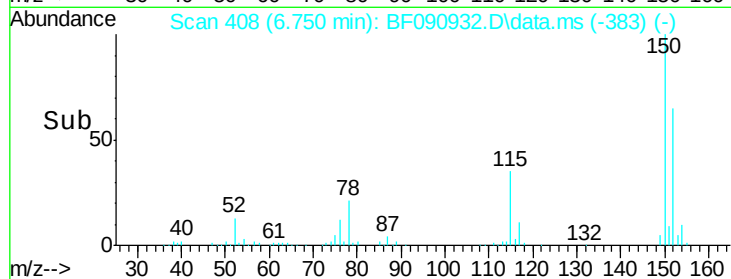
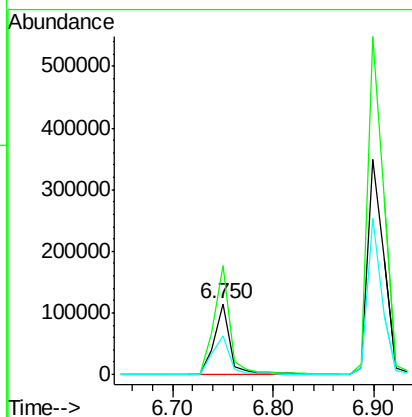
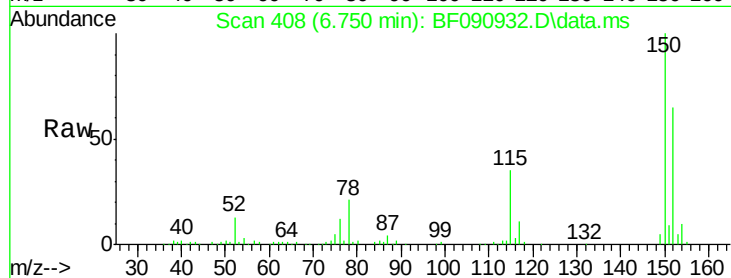
Tot Ion:152 Resp: 127798

Ion Ratio Lower Upper

152 100

150 153.2 124.7 187.1

115 54.2 39.0 58.4



#5

2-Fluorophenol

Concen: 130.14 ng

RT: 5.344 min Scan# 285

Delta R.T. -0.011 min

Lab File: BF090932.D

Acq: 31 Oct 2016 17:05

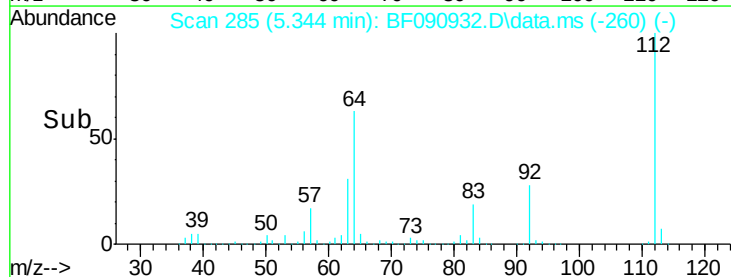
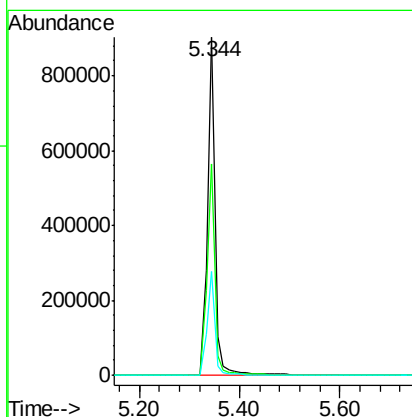
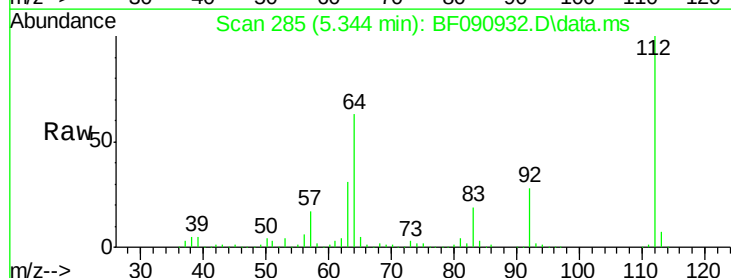
Tgt Ion:112 Resp: 951252

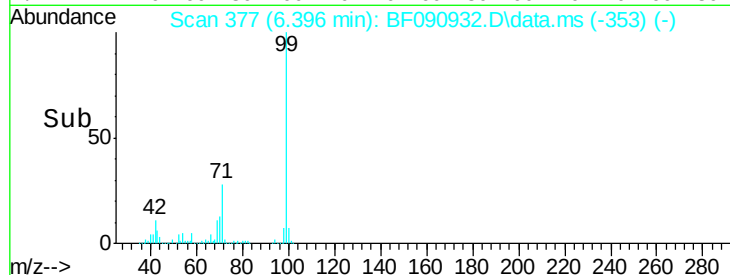
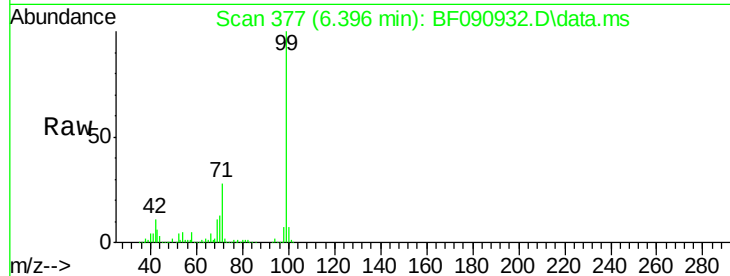
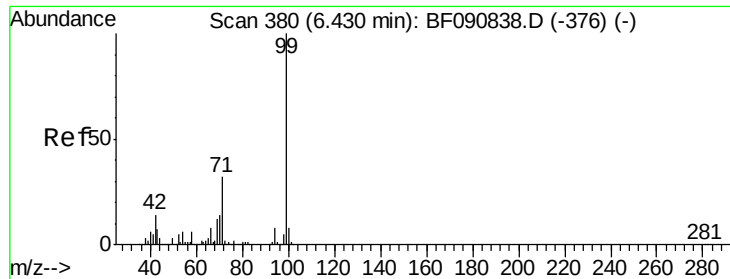
Ion Ratio Lower Upper

112 100

64 62.6 39.7 59.5#

63 30.7 17.4 26.0#





#7

Phenol-d6

Concen: 118.90 ng

RT: 6.396 min Scan# 37

Delta R.T. -0.023 min

Lab File: BF090932.D

Acq: 31 Oct 2016 17:05

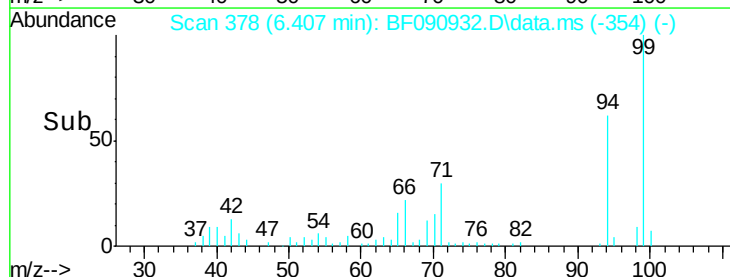
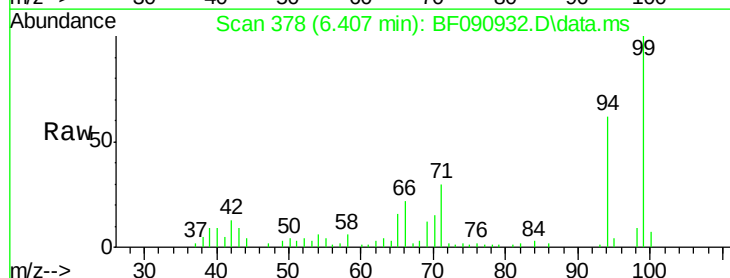
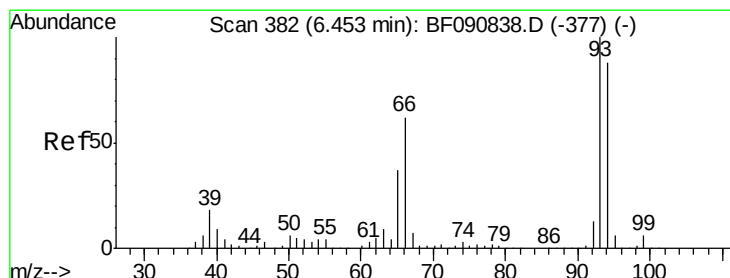
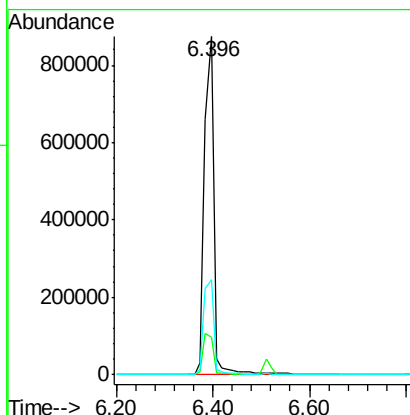
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1172463

Ion	Ratio	Lower	Upper
99	100		
42	11.0	13.7	20.5#
71	28.2	14.2	21.2#



#10

Phenol

Concen: 3.02 ng

RT: 6.407 min Scan# 378

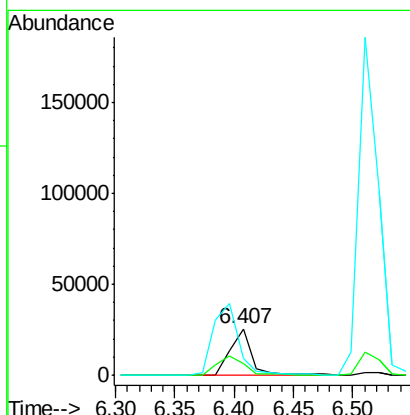
Delta R.T. -0.023 min

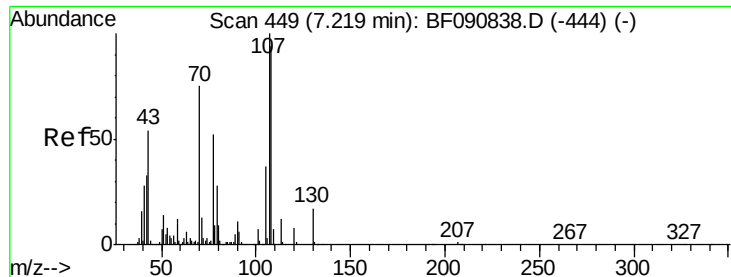
Lab File: BF090932.D

Acq: 31 Oct 2016 17:05

Tgt Ion: 94 Resp: 32866

Ion	Ratio	Lower	Upper
94	100		
65	26.2	0.7	40.7
66	35.6	0.8	40.8

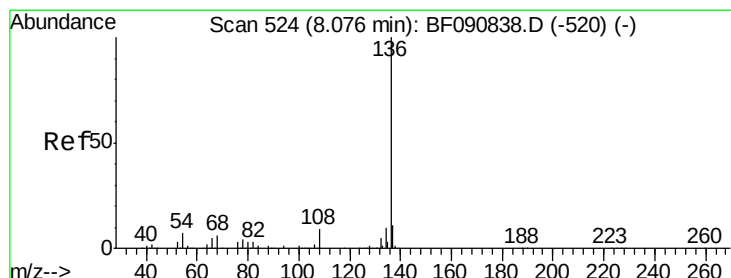
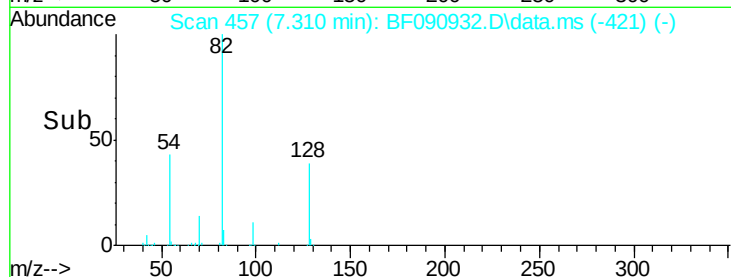
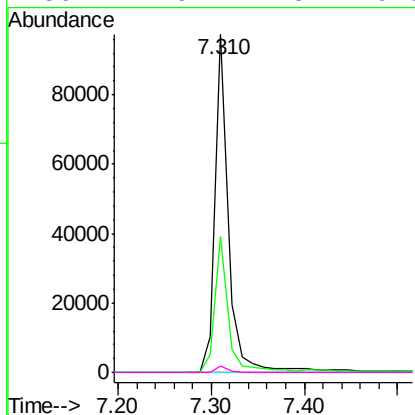
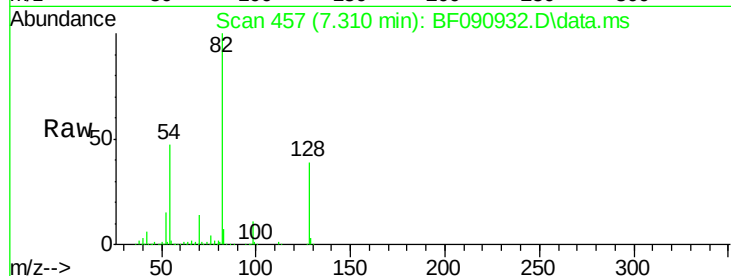




#19
n-Nitroso-di-n-propylamine
Concen: 17.08 ng
RT: 7.310 min Scan# 45
Delta R.T. 0.115 min
Lab File: BF090932.D
Acq: 31 Oct 2016 17:05

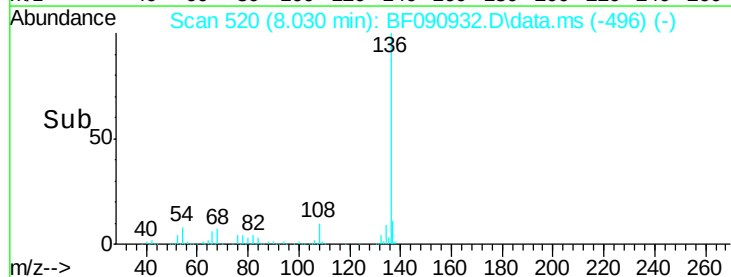
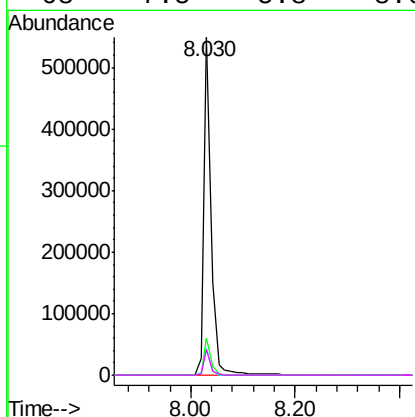
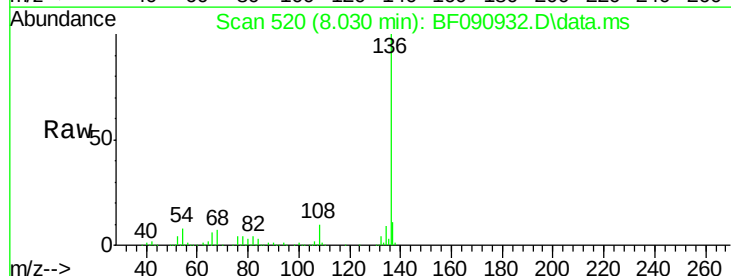
Instrument :
BNA_F
ClientSampleId :

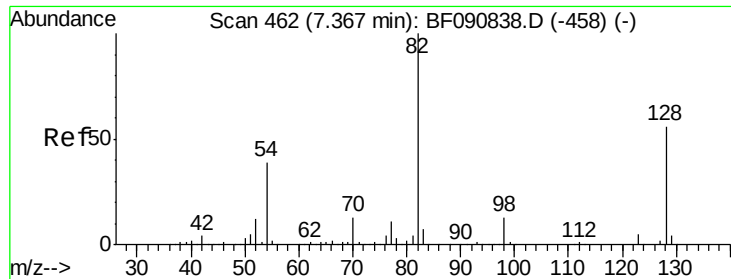
Tot Ion: 70 Resp: 97399
Ion Ratio Lower Upper
70 100
42 40.3 63.8 95.6#
101 0.0 9.2 13.8#
130 1.9 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.030 min Scan# 520
Delta R.T. -0.023 min
Lab File: BF090932.D
Acq: 31 Oct 2016 17:05

Tgt Ion: 136 Resp: 540130
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 8.0 8.2 12.2#
68 7.5 5.8 8.6





#23

Nitrobenzene-d5

Concen: 87.35 ng

RT: 7.310 min Scan# 45

Delta R.T. -0.023 min

Lab File: BF090932.D

Acq: 31 Oct 2016 17:05

Instrument :

BNA_F

ClientSampleId :

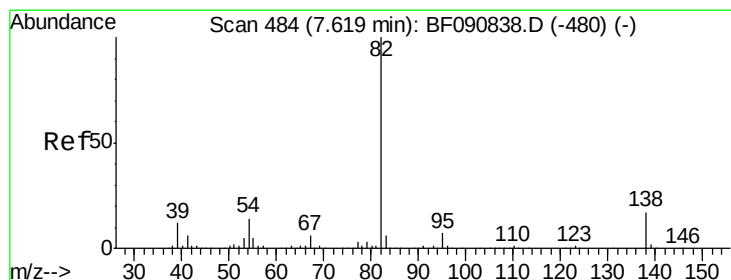
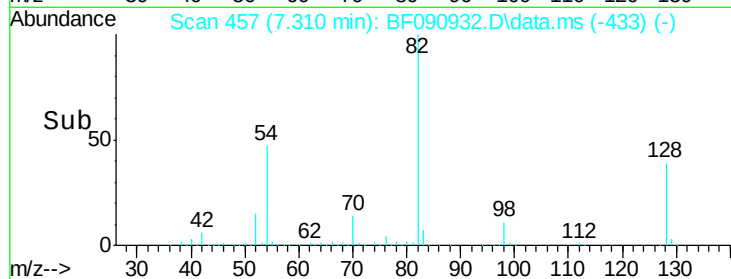
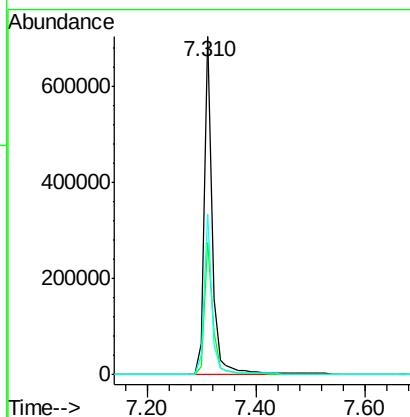
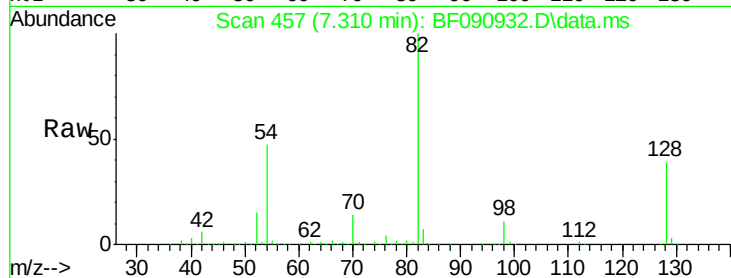
Tot Ion: 82 Resp: 720749

Ion Ratio Lower Upper

82 100

128 39.0 51.0 76.6#

54 47.4 47.5 71.3#



#25

Isophorone

Concen: 40.00 ng

RT: 7.310 min Scan# 457

Delta R.T. -0.285 min

Lab File: BF090932.D

Acq: 31 Oct 2016 17:05

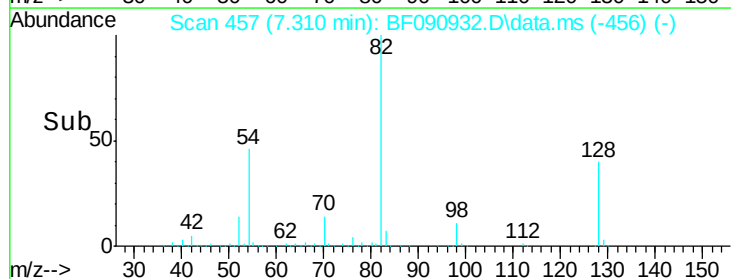
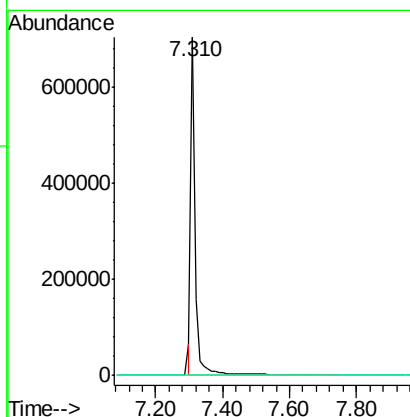
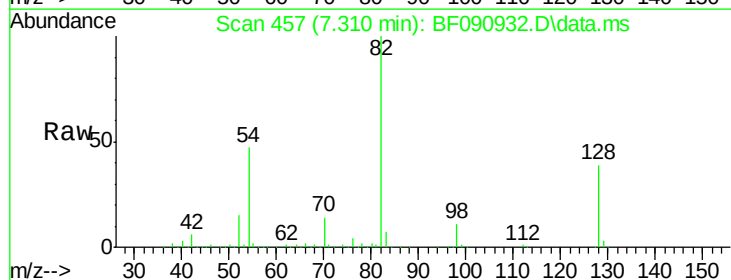
Tgt Ion: 82 Resp: 669761

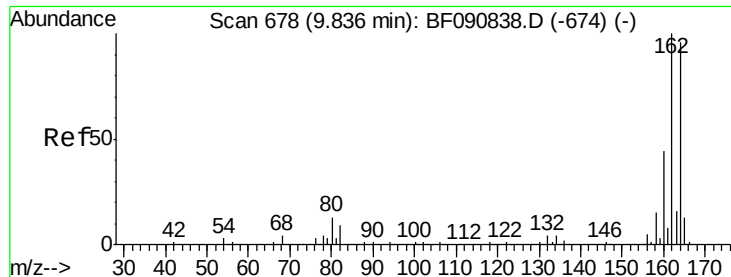
Ion Ratio Lower Upper

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: BF090932.D

Acq: 31 Oct 2016 17:05

Instrument :

BNA_F

ClientSampleId :

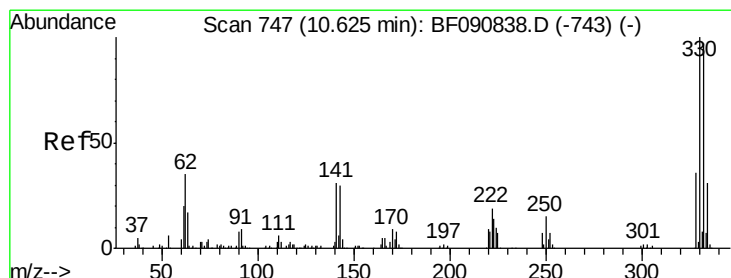
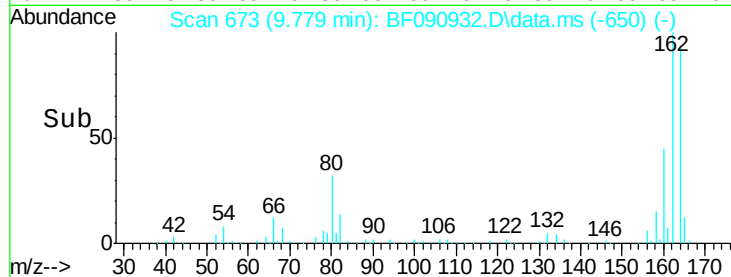
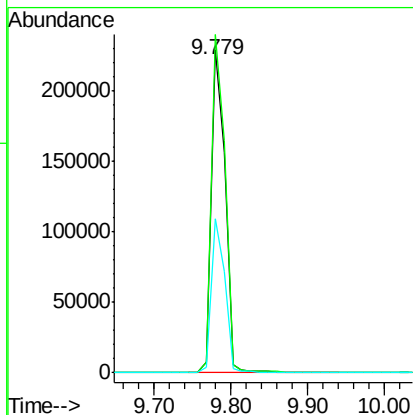
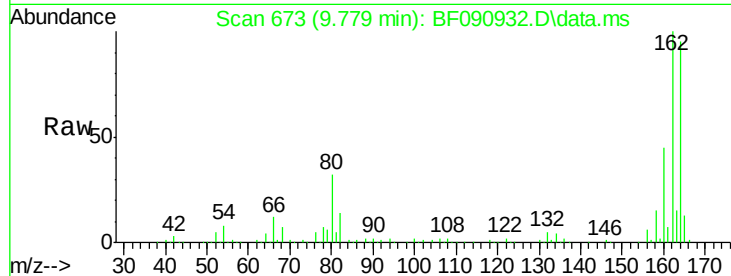
Tot Ion:164 Resp: 277374

Ion Ratio Lower Upper

164 100

162 104.9 75.2 112.8

160 47.6 31.5 47.3#



#41

2,4,6-Tribromophenol

Concen: 97.30 ng

RT: 10.579 min Scan# 743

Delta R.T. -0.023 min

Lab File: BF090932.D

Acq: 31 Oct 2016 17:05

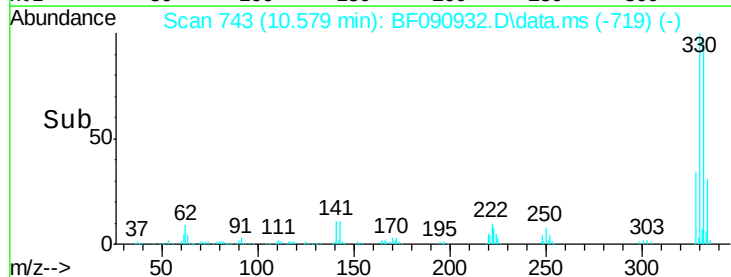
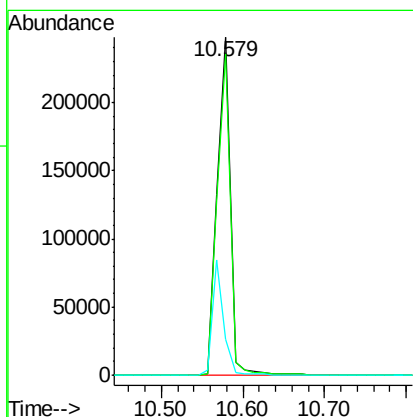
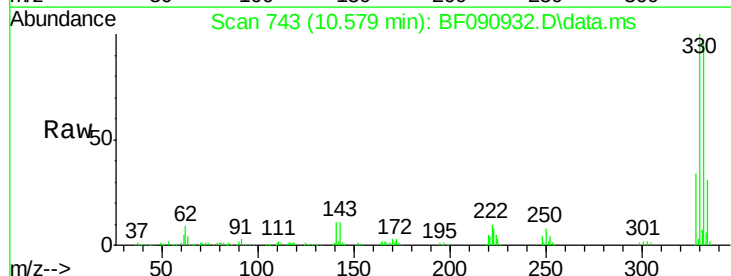
Tgt Ion:330 Resp: 277343

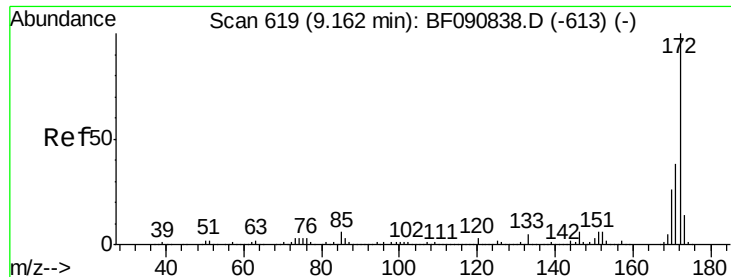
Ion Ratio Lower Upper

330 100

332 95.6 76.6 114.8

141 29.8 29.7 44.5

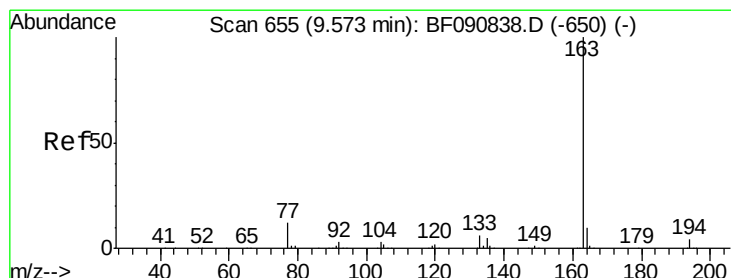
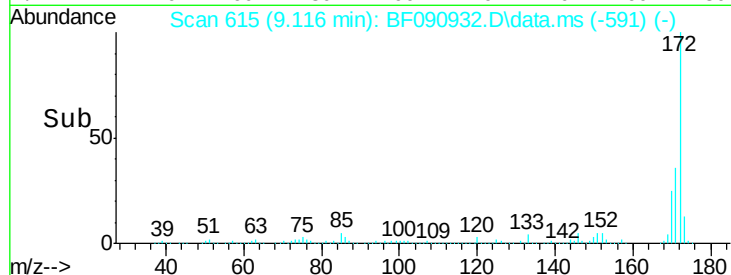
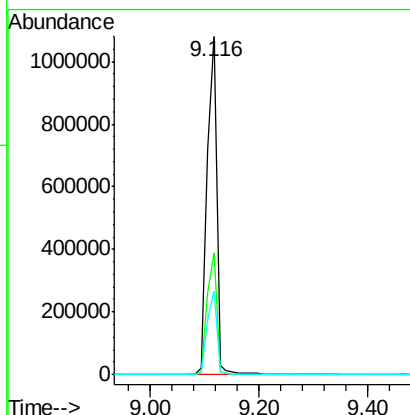
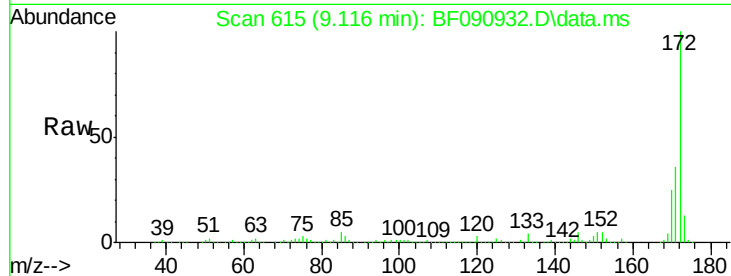




#44
2-Fluorobiphenyl
Concen: 82.58 ng
RT: 9.116 min Scan# 61
Delta R.T. -0.023 min
Lab File: BF090932.D
Acq: 31 Oct 2016 17:05

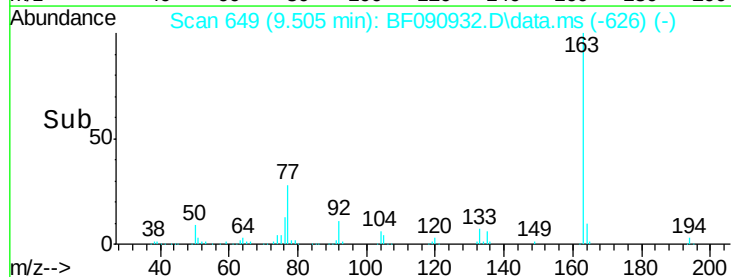
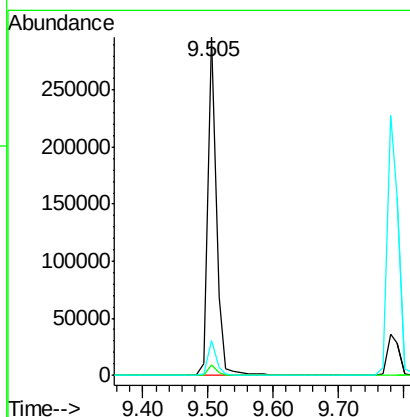
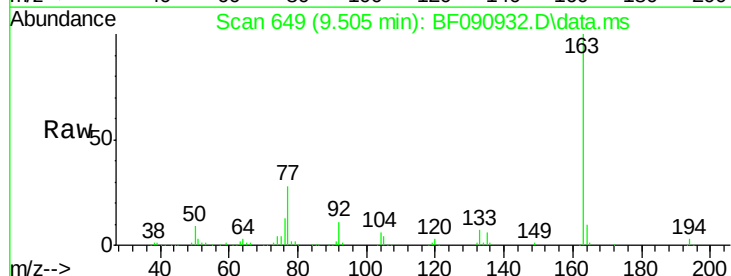
Instrument :
BNA_F
ClientSampleId :

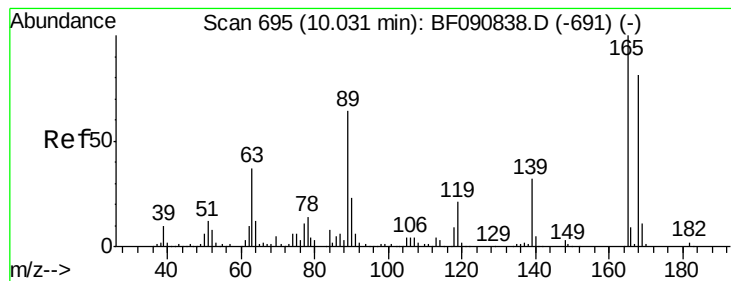
Tot Ion:172 Resp: 1304365
Ion Ratio Lower Upper
172 100
171 35.9 26.1 39.1
170 24.5 17.4 26.2



#49
Dimethylphthalate
Concen: 14.52 ng
RT: 9.505 min Scan# 649
Delta R.T. -0.034 min
Lab File: BF090932.D
Acq: 31 Oct 2016 17:05

Tgt Ion:163 Resp: 269144
Ion Ratio Lower Upper
163 100
194 2.9 4.4 6.6#
164 10.2 8.3 12.5

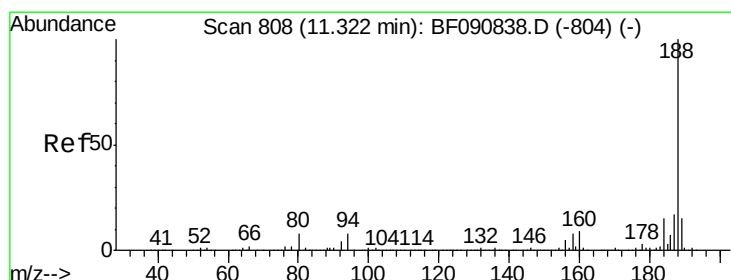
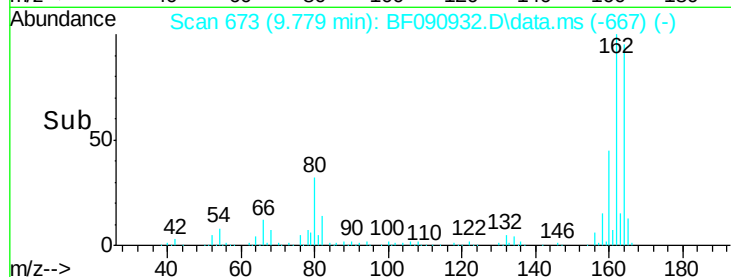
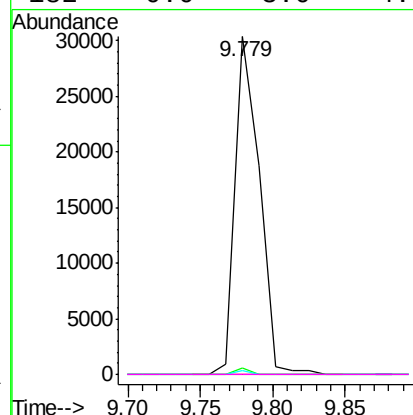
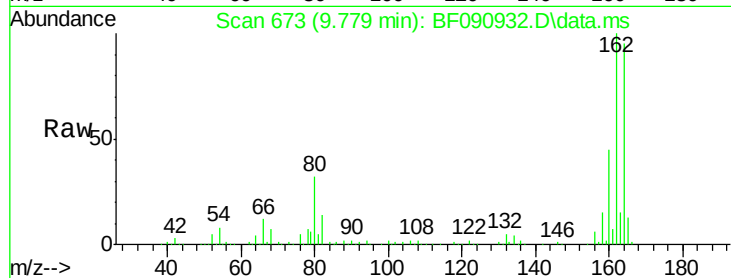




#56
 2,4-Dinitrotoluene
 Concen: 6.94 ng
 RT: 9.779 min Scan# 67
 Delta R.T. -0.228 min
 Lab File: BF090932.D
 Acq: 31 Oct 2016 17:05

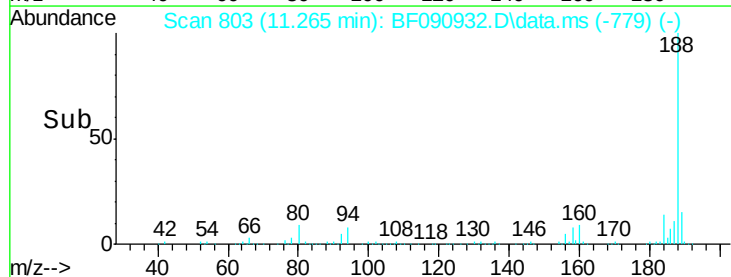
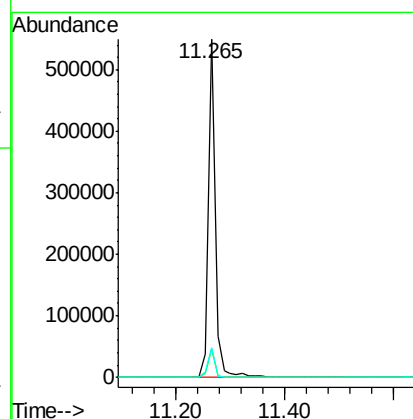
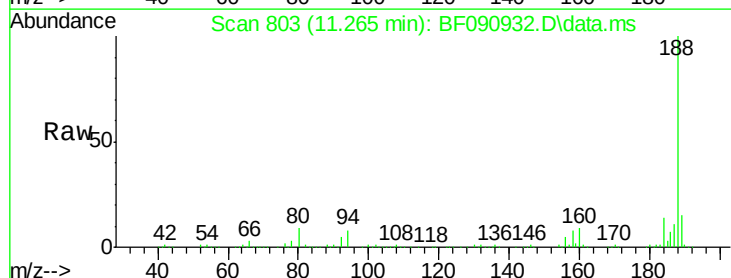
Instrument :
 BNA_F
 ClientSampleId :

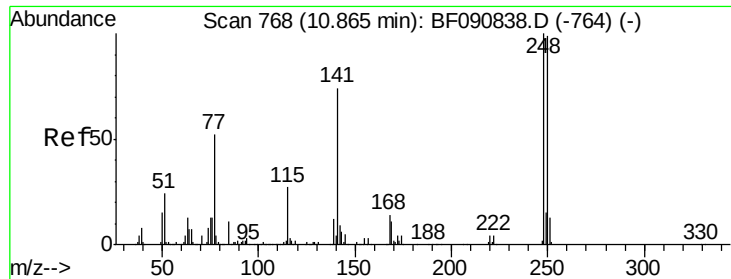
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	29.8	44.6#
89	1.1	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.265 min Scan# 803
 Delta R.T. -0.023 min
 Lab File: BF090932.D
 Acq: 31 Oct 2016 17:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	11.1	16.7#
80	8.7	11.0	16.4#

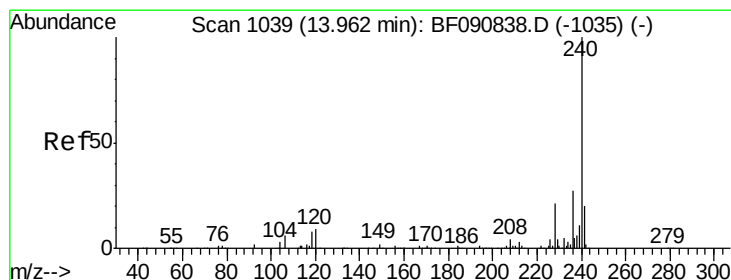
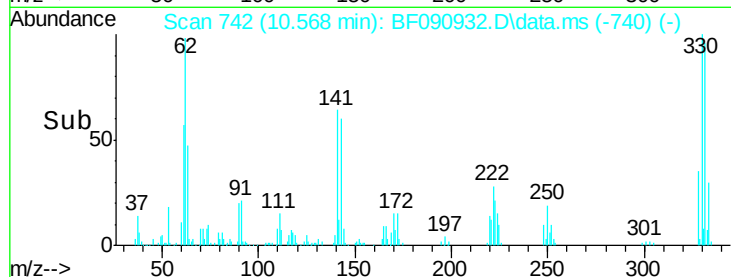
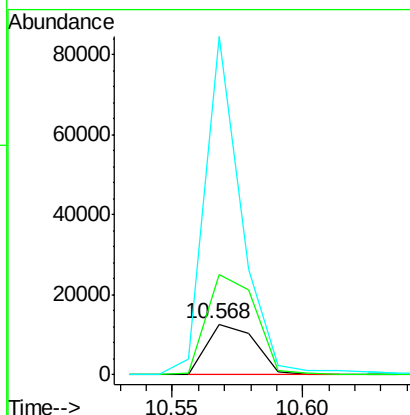
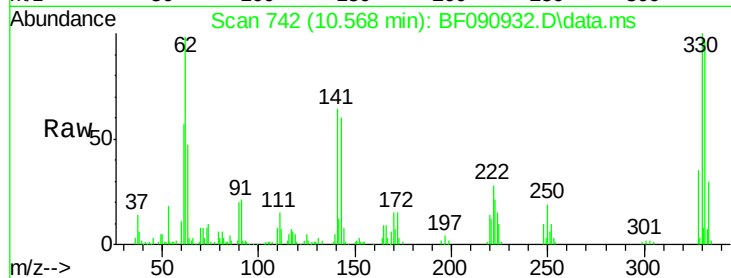




#66
 4-Bromophenyl-phenylether
 Concen: 3.09 ng
 RT: 10.568 min Scan# 74
 Delta R.T. -0.274 min
 Lab File: BF090932.D
 Acq: 31 Oct 2016 17:05

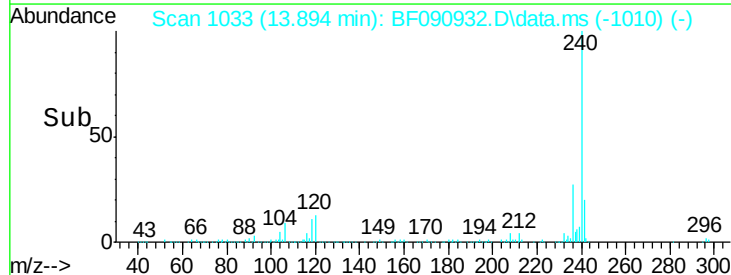
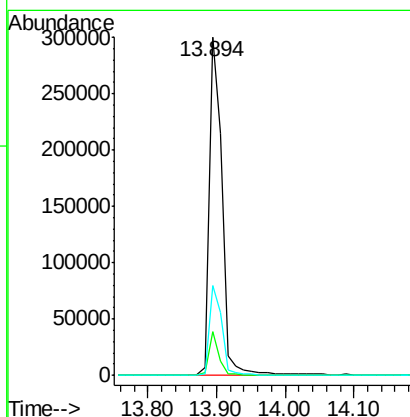
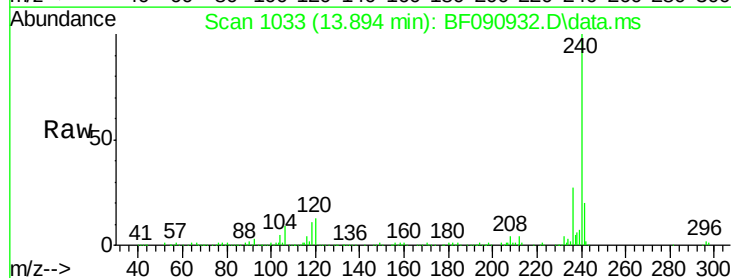
Instrument :
 BNA_F
 ClientSampled :

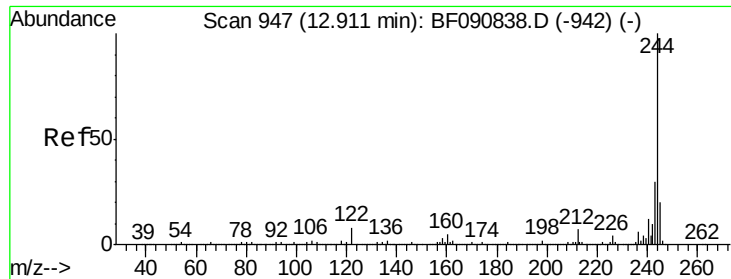
Tot Ion:248 Resp: 16107
 Ion Ratio Lower Upper
 248 100
 250 198.1 78.5 117.7#
 141 669.1 59.0 88.6#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.894 min Scan# 1033
 Delta R.T. -0.034 min
 Lab File: BF090932.D
 Acq: 31 Oct 2016 17:05

Tgt Ion:240 Resp: 390180
 Ion Ratio Lower Upper
 240 100
 120 12.8 16.2 24.2#
 236 26.7 18.4 27.6





#78

Terphenyl-d14

Concen: 81.86 ng

RT: 12.854 min Scan# 94

Delta R.T. -0.023 min

Lab File: BF090932.D

Acq: 31 Oct 2016 17:05

Instrument :

BNA_F

ClientSampleId :

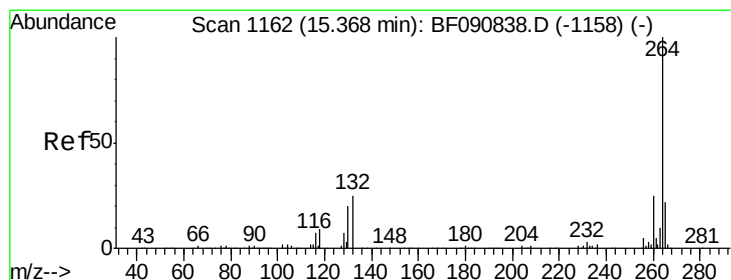
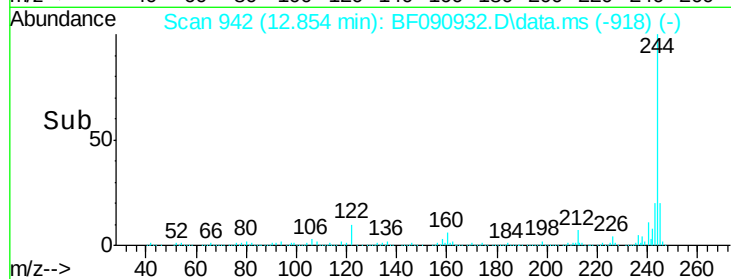
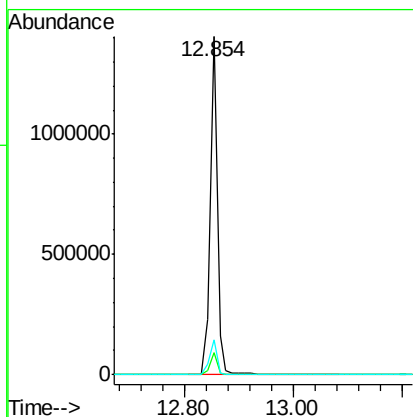
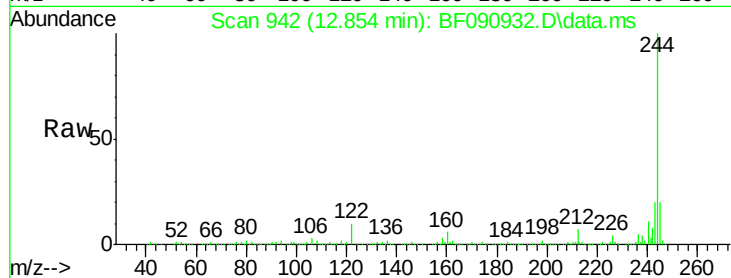
Tot Ion:244 Resp: 1267775

Ion Ratio Lower Upper

244 100

212 6.7 4.3 6.5#

122 10.4 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: BF090932.D

Acq: 31 Oct 2016 17:05

Tgt Ion:264 Resp: 315434

Ion Ratio Lower Upper

264 100

260 24.2 16.7 25.1

265 21.5 17.2 25.8

