

Data Path : Z:\HPCHEM1\BNA F\Data\BF072616\
 Data File : BF089306.D
 Acq On : 26 Jul 2016 11:38
 Operator : UM/SJ
 Sample : H4207-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EW-1

Quant Time: Jul 26 12:14:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

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

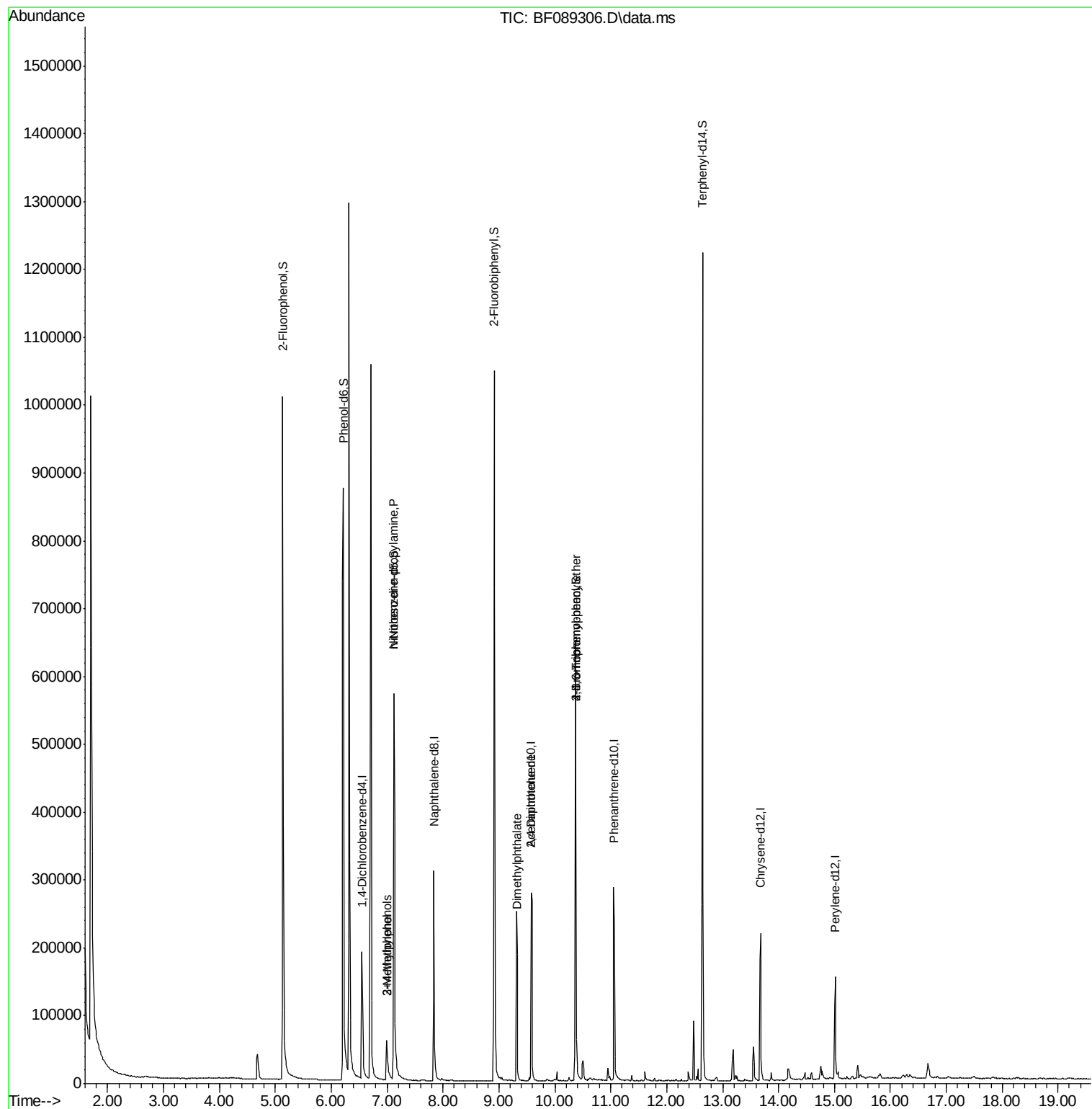
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.547	152	45065	20.00	ng	-0.02
21) Naphthalene-d8	7.839	136	192138	20.00	ng	-0.01
38) Acenaphthene-d10	9.576	164	86258	20.00	ng	-0.02
63) Phenanthrene-d10	11.051	188	166138	20.00	ng	-0.02
75) Chrysene-d12	13.680	240	114223	20.00	ng	-0.01
86) Perylene-d12	15.017	264	80194	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.130	112	367383	123.99	ng	-0.01
7) Phenol-d6	6.216	99	525944	137.64	ng	-0.01
23) Nitrobenzene-d5	7.119	82	303264	83.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.376	330	101814	131.10	ng	-0.01
44) 2-Fluorobiphenyl	8.913	172	486481	77.71	ng	-0.02
78) Terphenyl-d14	12.639	244	400522	76.06	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.216	77	605	Below Cal		Qvalue
17) 2-Methylphenol	6.993	107	31419	12.13	ng	# 1
19) n-Nitroso-di-n-propyla...	7.119	70	39469	15.79	ng	# 62
20) 3+4-Methylphenols	6.993	107	35585	10.12	ng	# 82
49) Dimethylphthalate	9.325	163	149578	22.60	ng	# 88
56) 2,4-Dinitrotoluene	9.576	165	10320	5.36	ng	# 99
66) 4-Bromophenyl-phenylether	10.376	248	6967	4.24	ng	# 10

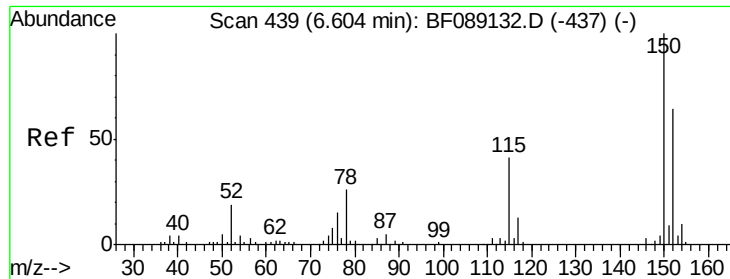
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.547 min Scan# 43

Delta R.T. -0.023 min

Lab File: BF089306.D

Acq: 26 Jul 2016 11:38

Instrument :

BNA_F

ClientSampleId :

EW-1

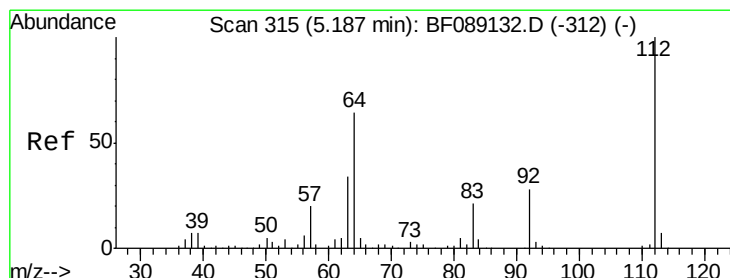
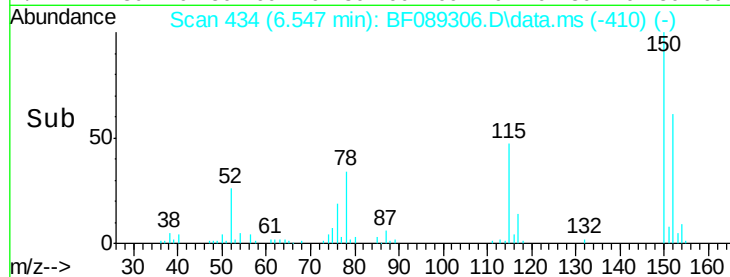
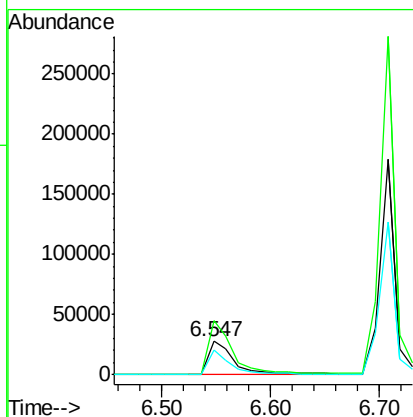
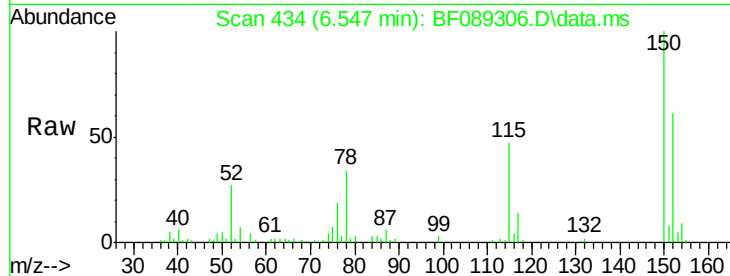
Tot Ion:152 Resp: 45065

Ion Ratio Lower Upper

152 100

150 163.2 125.1 187.7

115 76.2 51.1 76.7



#5

2-Fluorophenol

Concen: 123.99 ng

RT: 5.130 min Scan# 310

Delta R.T. -0.011 min

Lab File: BF089306.D

Acq: 26 Jul 2016 11:38

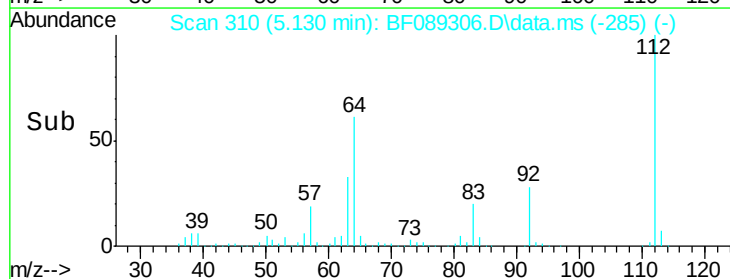
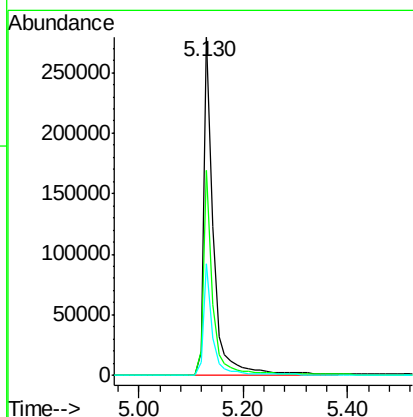
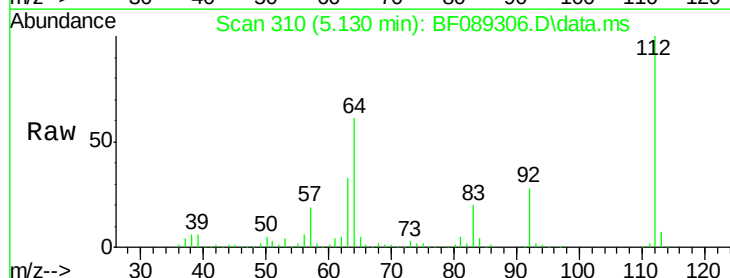
Tgt Ion:112 Resp: 367383

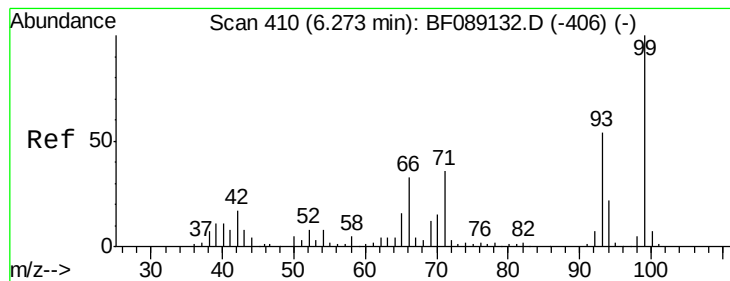
Ion Ratio Lower Upper

112 100

64 60.6 51.0 76.4

63 33.1 27.3 40.9





#7

Phenol-d6

Concen: 137.64 ng

RT: 6.216 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF089306.D

Acq: 26 Jul 2016 11:38

Instrument :

BNA_F

ClientSampleId :

EW-1

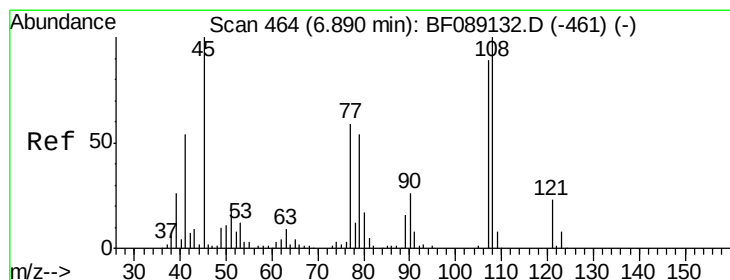
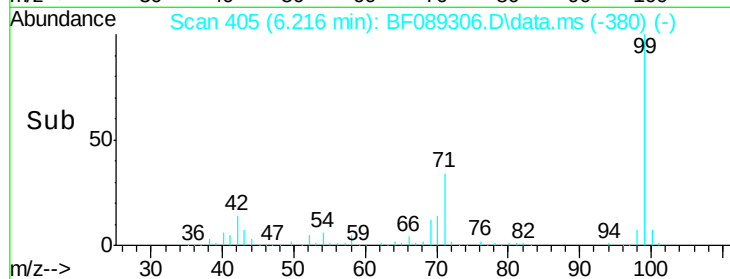
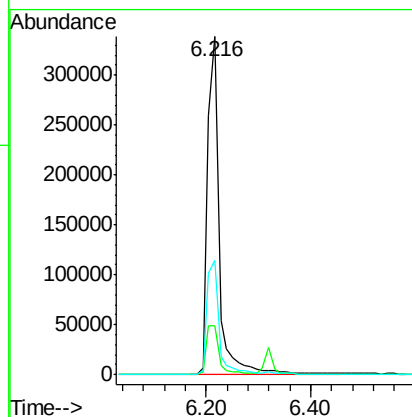
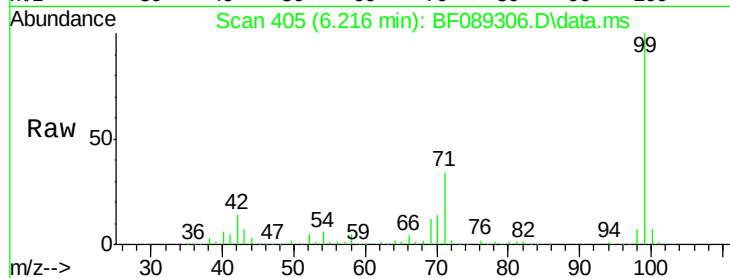
Tot Ion: 99 Resp: 525944

Ion Ratio Lower Upper

99 100

42 14.4 13.5 20.3

71 33.7 28.9 43.3



#17

2-Methylphenol

Concen: 12.13 ng

RT: 6.993 min Scan# 473

Delta R.T. 0.149 min

Lab File: BF089306.D

Acq: 26 Jul 2016 11:38

Tgt Ion: 107 Resp: 31419

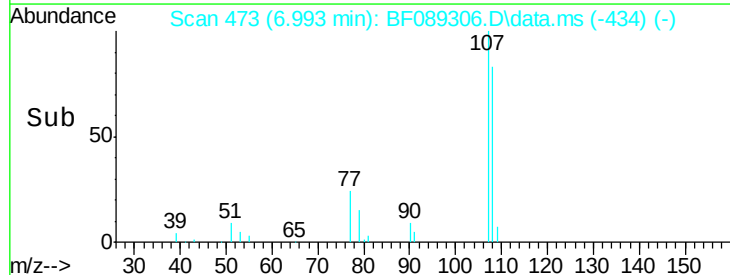
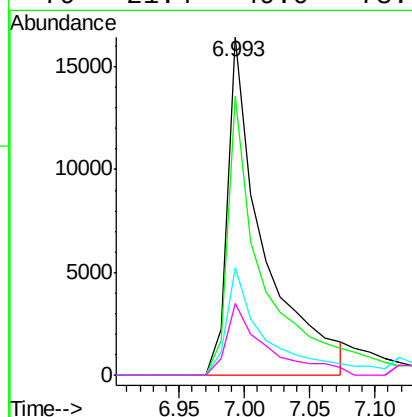
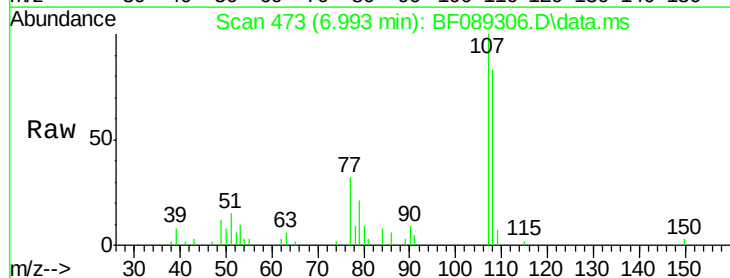
Ion Ratio Lower Upper

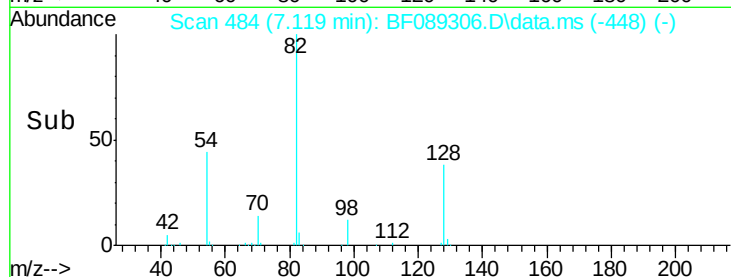
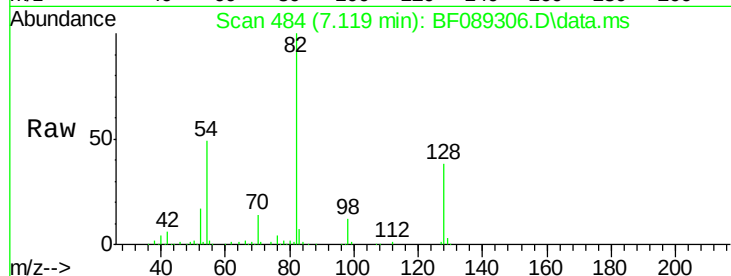
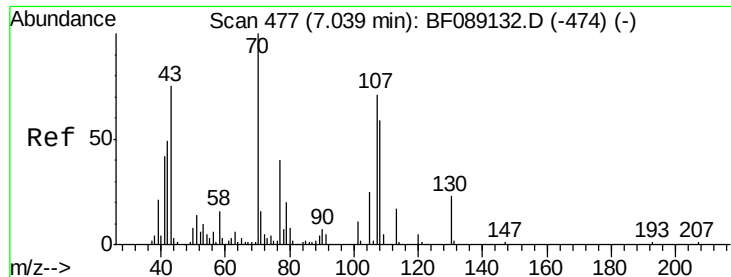
107 100

108 82.5 89.4 134.2#

77 31.8 53.4 80.0#

79 21.4 49.0 73.4#

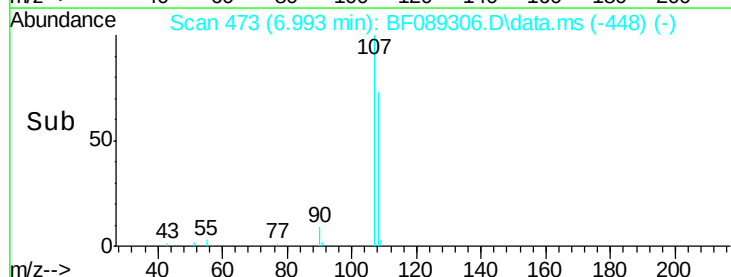
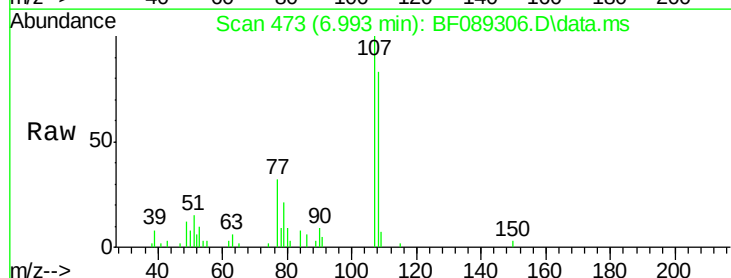
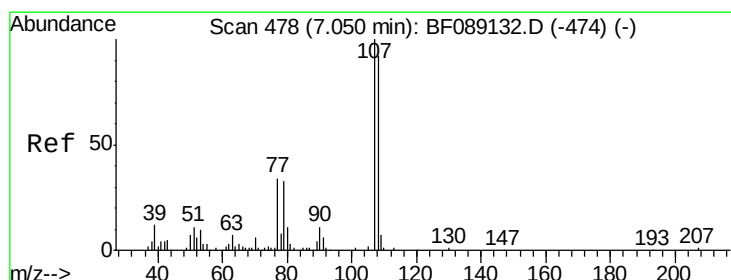
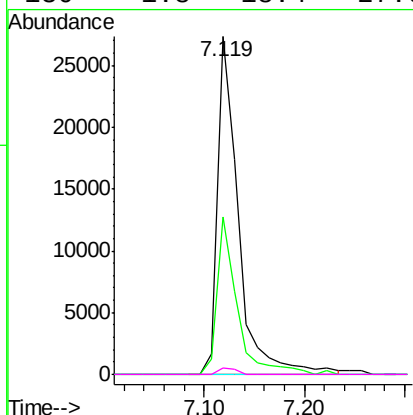




#19
n-Nitroso-di-n-propylamine
Concen: 15.79 ng
RT: 7.119 min Scan# 48
Delta R.T. 0.114 min
Lab File: BF089306.D
Acq: 26 Jul 2016 11:38

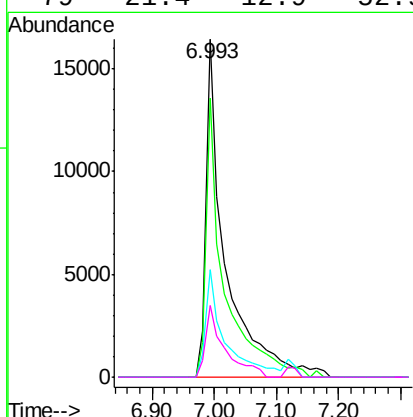
Instrument :
BNA_F
ClientSampleId :
EW-1

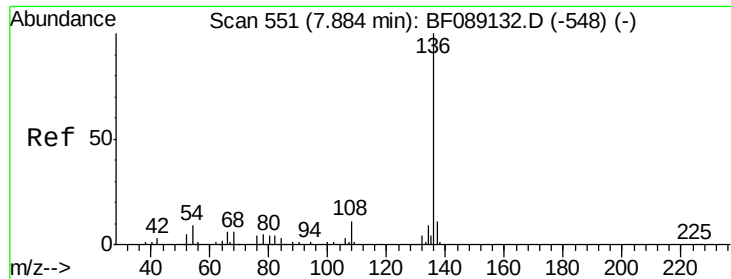
Tot Ion: 70 Resp: 39469
Ion Ratio Lower Upper
70 100
42 46.7 39.2 58.8
101 0.0 8.5 12.7#
130 1.8 18.4 27.6#



#20
3+4-Methylphenols
Concen: 10.12 ng
RT: 6.993 min Scan# 473
Delta R.T. -0.011 min
Lab File: BF089306.D
Acq: 26 Jul 2016 11:38

Tgt Ion: 107 Resp: 35585
Ion Ratio Lower Upper
107 100
108 82.5 72.5 112.5
77 31.8 17.7 57.7
79 21.4 12.9 52.9

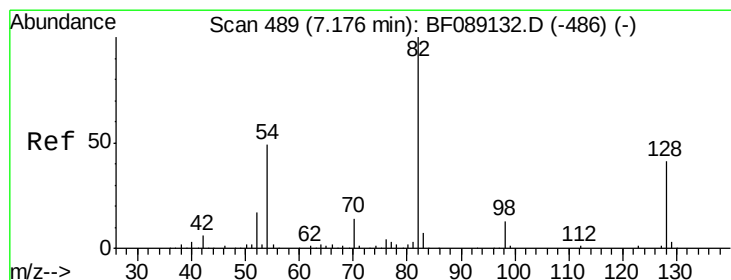
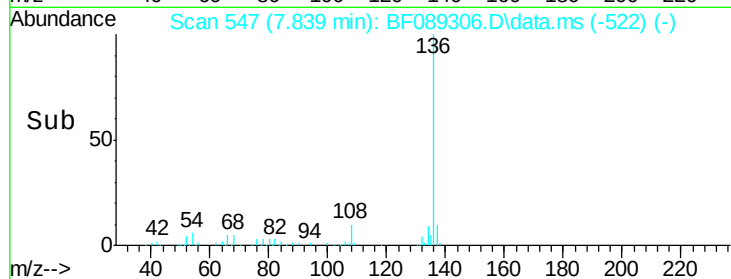
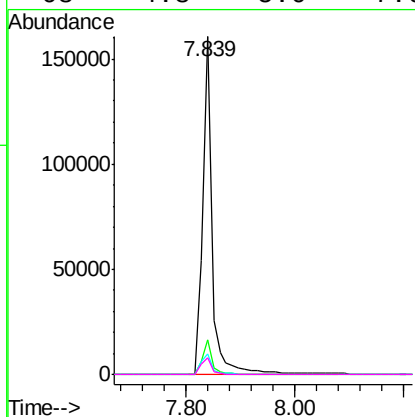
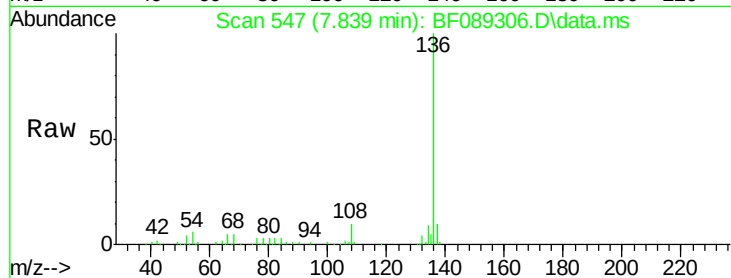




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.839 min Scan# 54
Delta R.T. -0.011 min
Lab File: BF089306.D
Acq: 26 Jul 2016 11:38

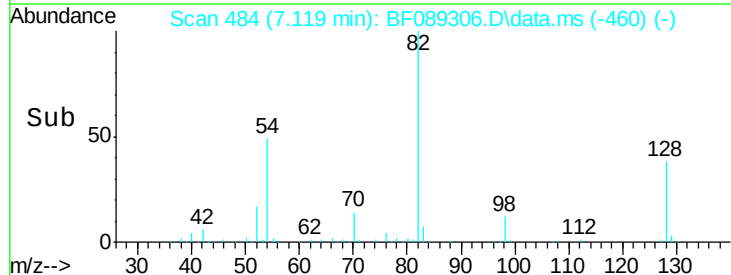
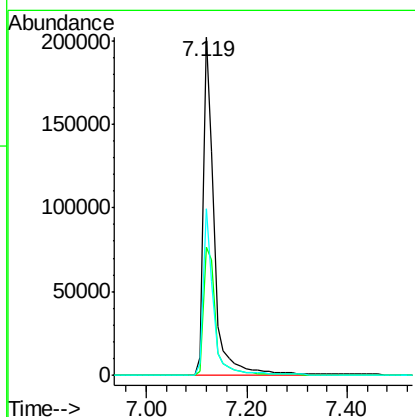
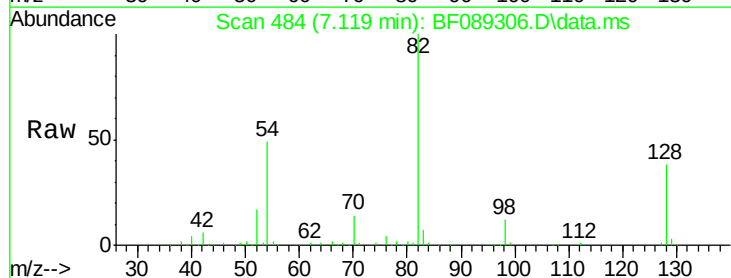
Instrument :
BNA_F
ClientSampleId :
EW-1

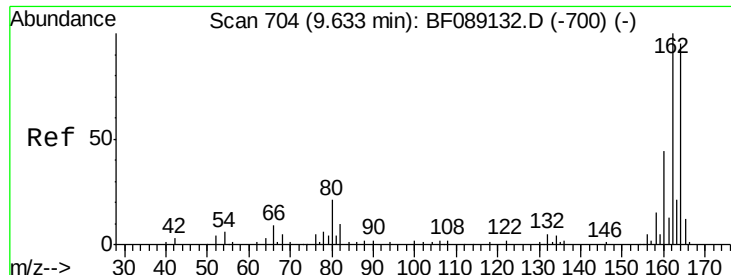
Tot Ion:136	Resp:	192138
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.8 13.2
54	6.0	7.0 10.4#
68	4.8	5.0 7.6#



#23
Nitrobenzene-d5
Concen: 83.86 ng
RT: 7.119 min Scan# 484
Delta R.T. -0.023 min
Lab File: BF089306.D
Acq: 26 Jul 2016 11:38

Tgt Ion: 82	Resp:	303264
Ion Ratio	Lower	Upper
82	100	
128	38.1	33.0 49.6
54	49.4	39.0 58.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.576 min Scan# 69

Delta R.T. -0.023 min

Lab File: BF089306.D

Acq: 26 Jul 2016 11:38

Instrument :

BNA_F

ClientSampleId :

EW-1

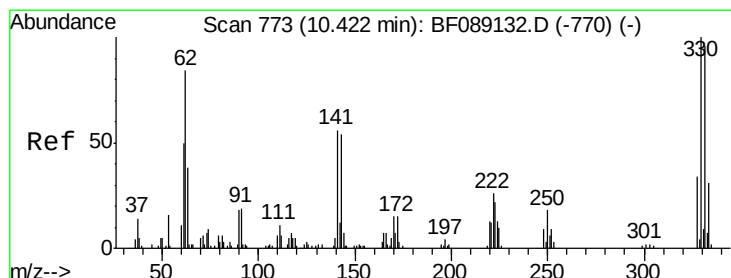
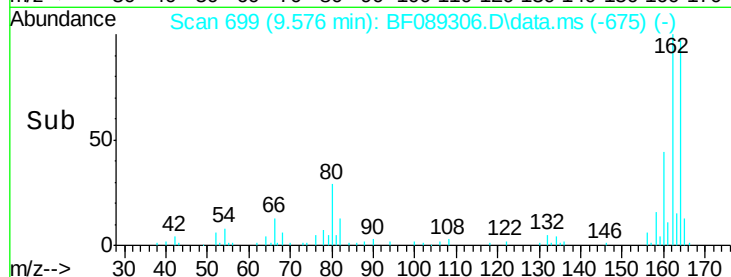
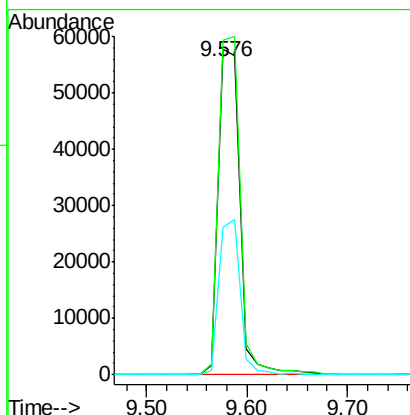
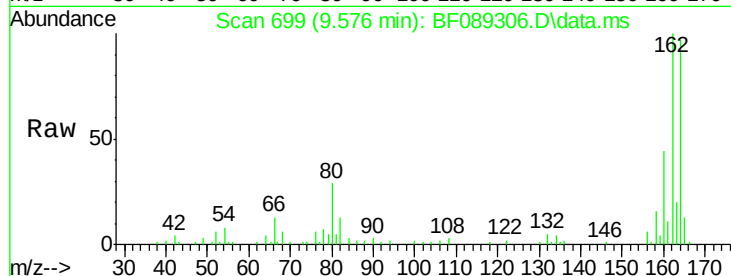
Tot Ion:164 Resp: 86258

Ion Ratio Lower Upper

164 100

162 102.7 84.1 126.1

160 45.3 37.1 55.7



#41

2,4,6-Tribromophenol

Concen: 131.10 ng

RT: 10.376 min Scan# 769

Delta R.T. -0.011 min

Lab File: BF089306.D

Acq: 26 Jul 2016 11:38

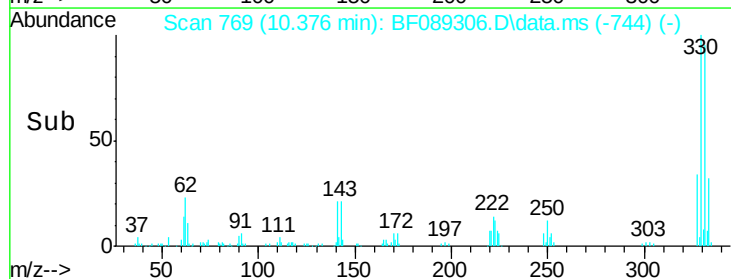
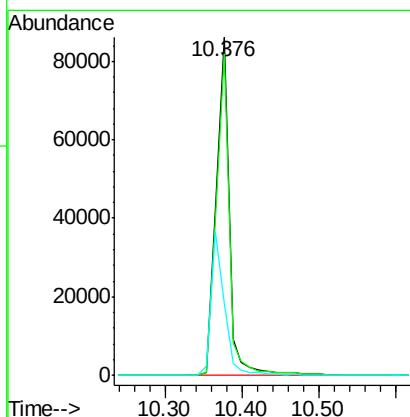
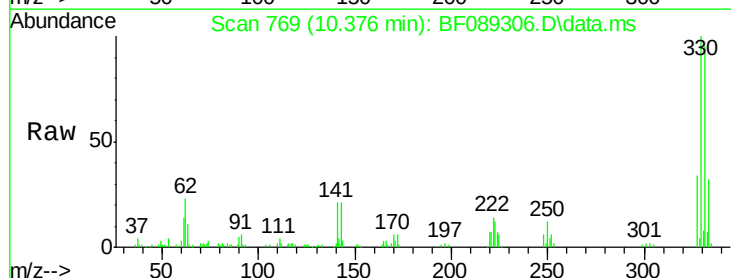
Tgt Ion:330 Resp: 101814

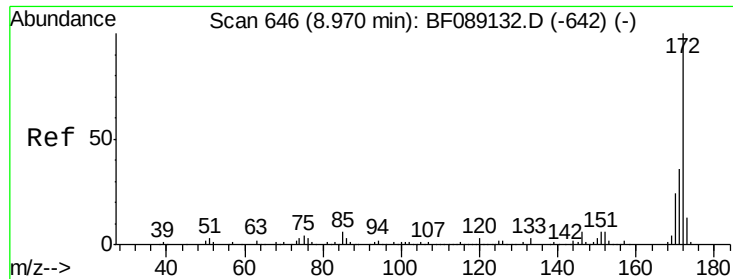
Ion Ratio Lower Upper

330 100

332 94.7 77.2 115.8

141 43.1 42.2 63.2

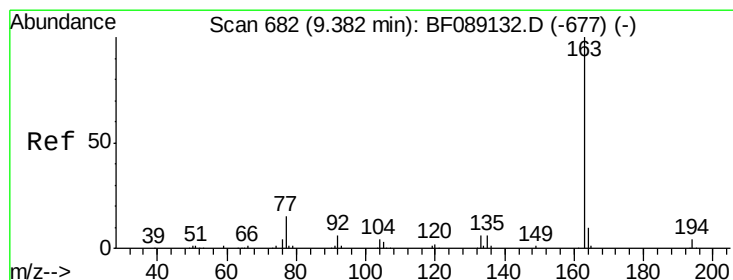
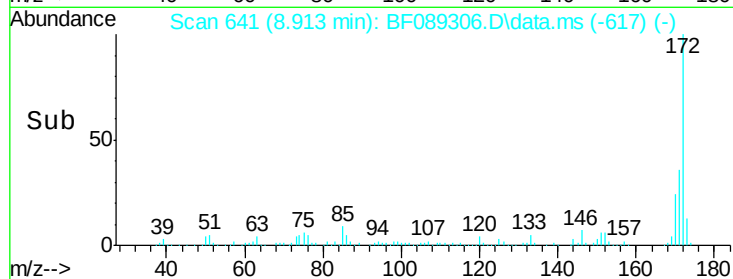
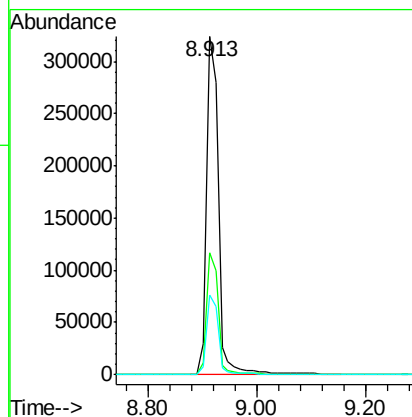
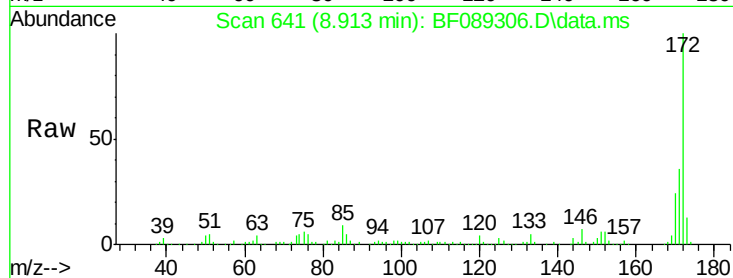




#44
2-Fluorobiphenyl
Concen: 77.71 ng
RT: 8.913 min Scan# 64
Delta R.T. -0.023 min
Lab File: BF089306.D
Acq: 26 Jul 2016 11:38

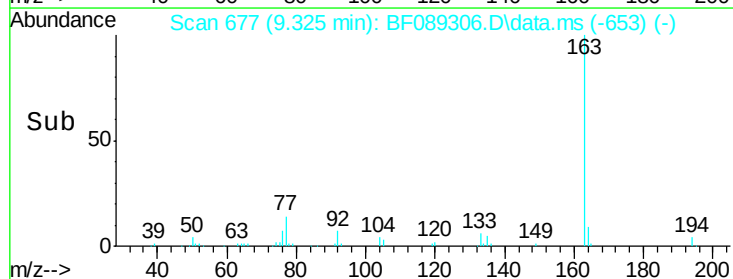
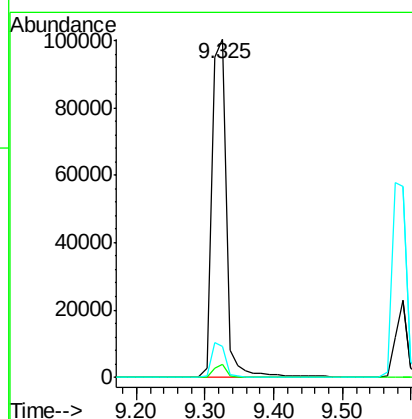
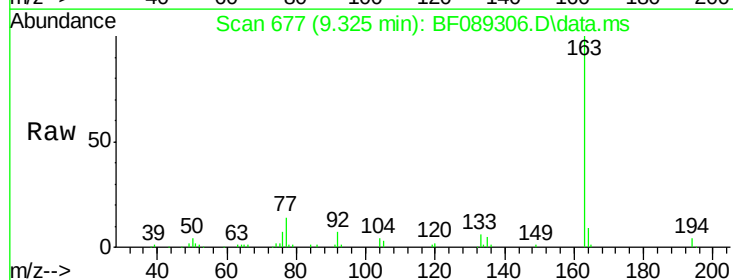
Instrument :
BNA_F
ClientSampleId :
EW-1

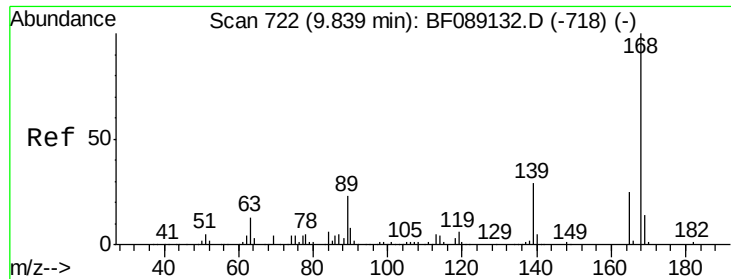
Tot Ion:172 Resp: 486481
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 23.5 19.1 28.7



#49
Dimethylphthalate
Concen: 22.60 ng
RT: 9.325 min Scan# 677
Delta R.T. -0.023 min
Lab File: BF089306.D
Acq: 26 Jul 2016 11:38

Tgt Ion:163 Resp: 149578
Ion Ratio Lower Upper
163 100
194 4.0 2.9 4.3
164 9.3 7.6 11.4

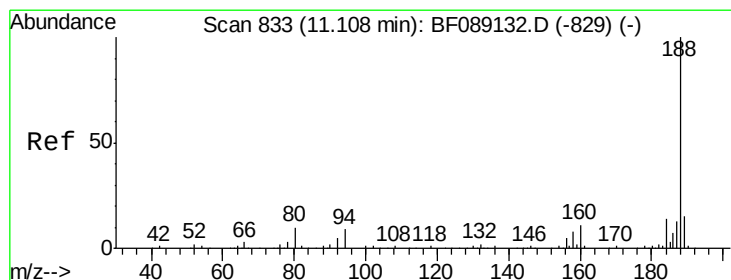
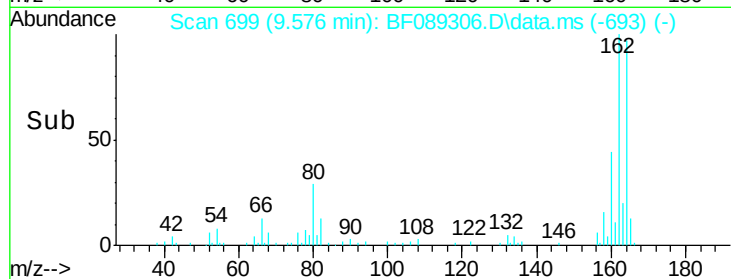
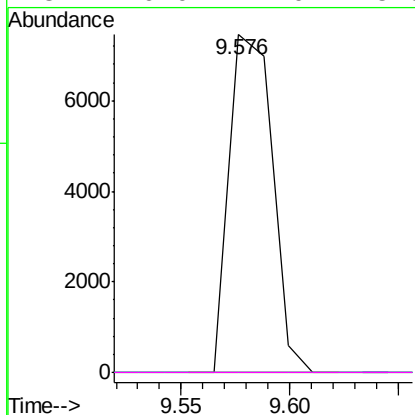
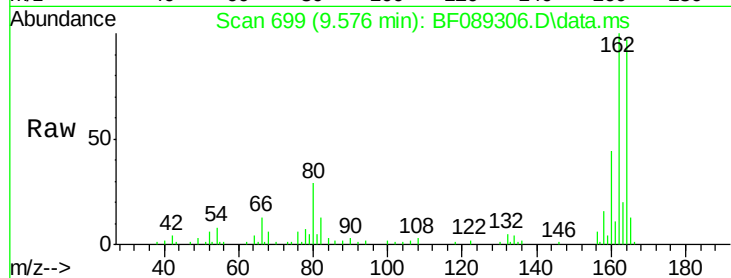




#56
 2,4-Dinitrotoluene
 Concen: 5.36 ng
 RT: 9.576 min Scan# 69
 Delta R.T. -0.228 min
 Lab File: BF089306.D
 Acq: 26 Jul 2016 11:38

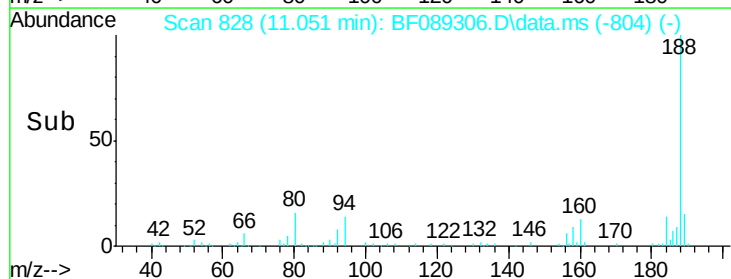
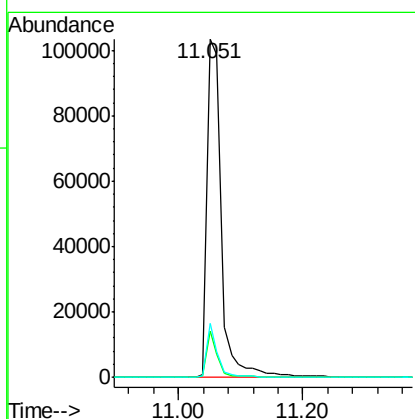
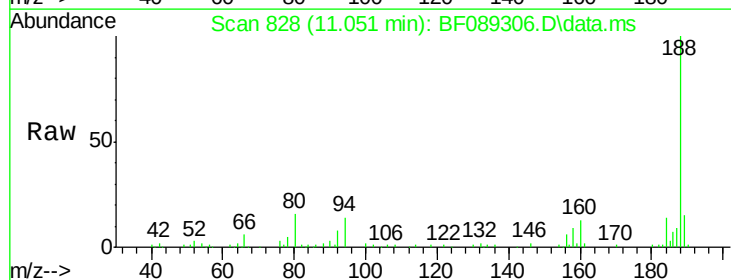
Instrument :
 BNA_F
 ClientSampleId :
 EW-1

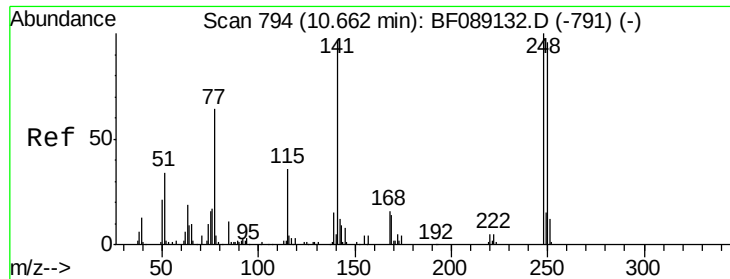
Tot Ion:165 Resp: 10320
 Ion Ratio Lower Upper
 165 100
 63 0.0 55.4 83.2#
 89 0.0 74.3 111.5#
 182 0.0 2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.051 min Scan# 828
 Delta R.T. -0.023 min
 Lab File: BF089306.D
 Acq: 26 Jul 2016 11:38

Tgt Ion:188 Resp: 166138
 Ion Ratio Lower Upper
 188 100
 94 13.8 7.0 10.4#
 80 16.1 7.7 11.5#





#66

4-Bromophenyl-phenylether

Concen: 4.24 ng

RT: 10.376 min Scan# 76

Delta R.T. -0.251 min

Lab File: BF089306.D

Acq: 26 Jul 2016 11:38

Instrument :

BNA_F

ClientSampleId :

EW-1

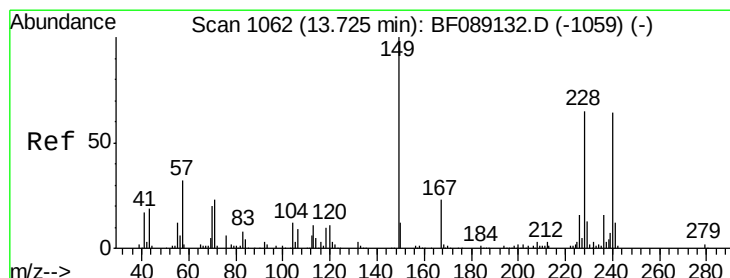
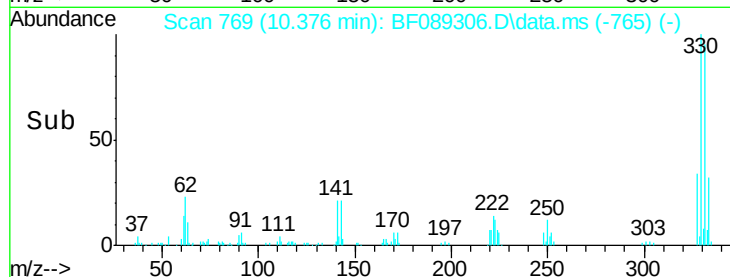
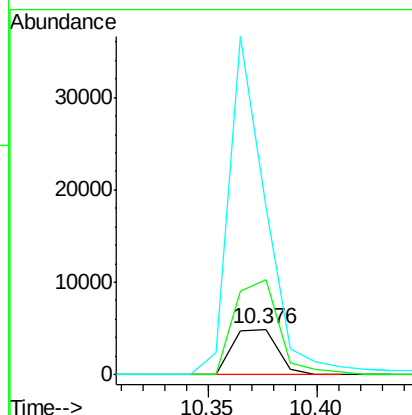
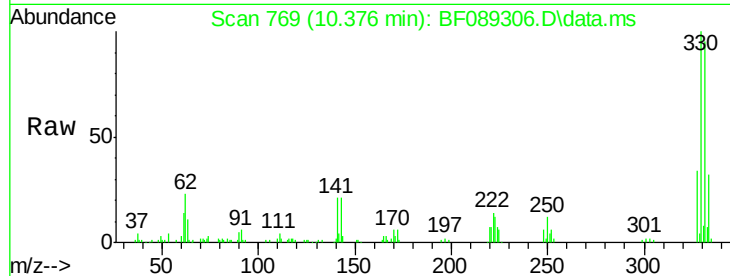
Tot Ion:248 Resp: 6967

Ion Ratio Lower Upper

248 100

250 211.6 76.9 115.3#

141 373.1 77.4 116.2#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.680 min Scan# 1058

Delta R.T. -0.011 min

Lab File: BF089306.D

Acq: 26 Jul 2016 11:38

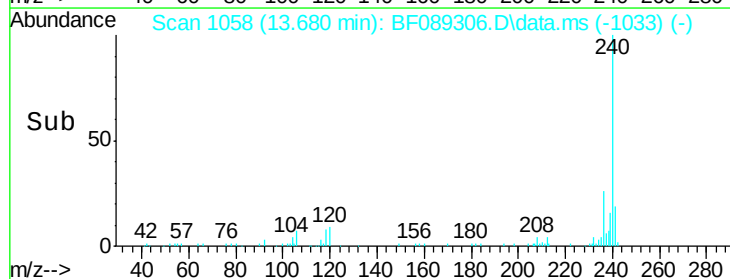
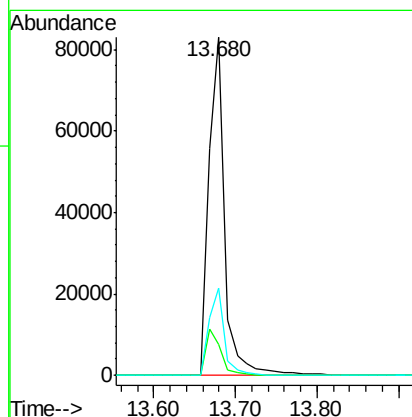
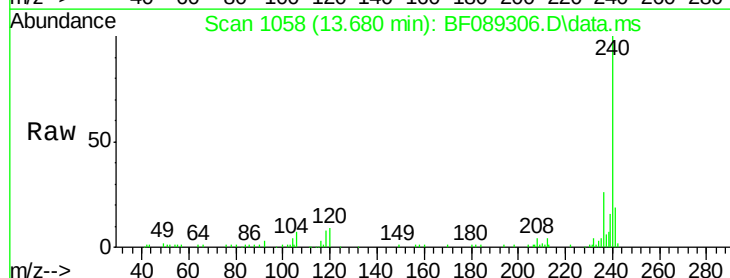
Tgt Ion:240 Resp: 114223

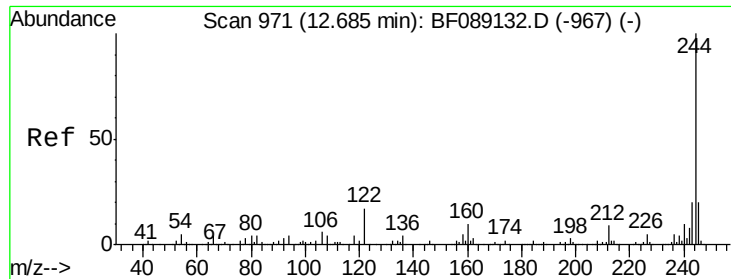
Ion Ratio Lower Upper

240 100

120 9.1 13.6 20.4#

236 25.8 20.5 30.7

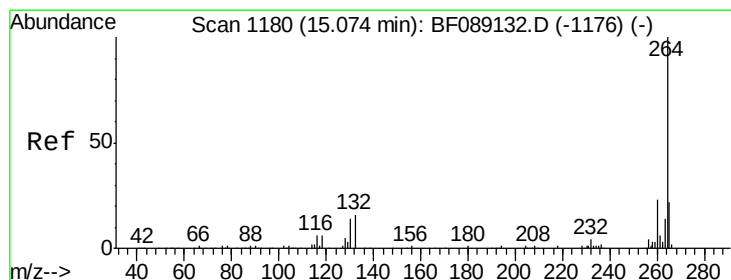
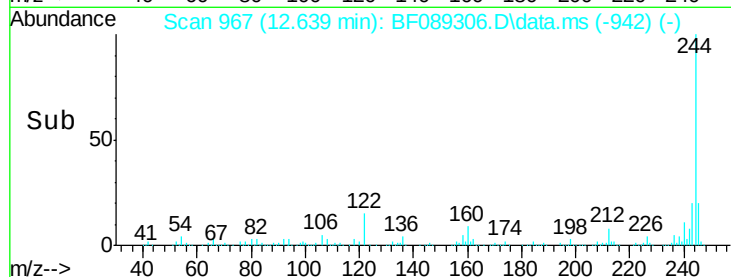
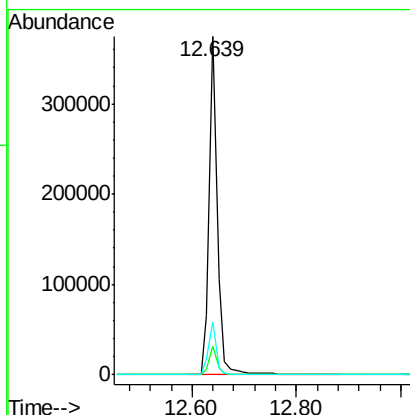
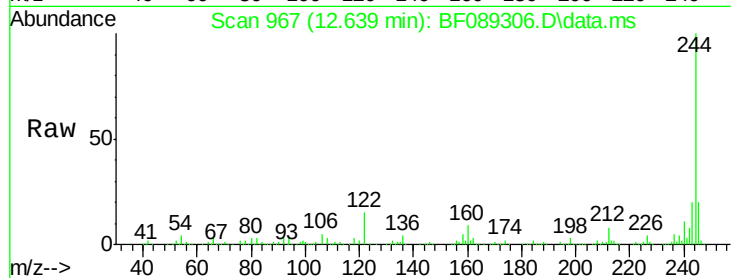




#78
 Terphenyl-d14
 Concen: 76.06 ng
 RT: 12.639 min Scan# 96
 Delta R.T. -0.011 min
 Lab File: BF089306.D
 Acq: 26 Jul 2016 11:38

Instrument :
 BNA_F
 ClientSampleId :
 EW-1

Tot Ion:244 Resp: 400522
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.0 10.4
 122 15.5 13.8 20.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.017 min Scan# 1175
 Delta R.T. -0.011 min
 Lab File: BF089306.D
 Acq: 26 Jul 2016 11:38

Tgt Ion:264 Resp: 80194
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.5 27.7
 265 21.2 17.3 25.9

