

Data Path : Z:\HPCHEM1\BNA F\Data\BF102516\Not Reviewed Data\
 Data File : BF090830.D
 Acq On : 26 Oct 2016 1:38
 Operator : UM/SJ
 Sample : H5396-03 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P2-S2

Quant Time: Oct 26 08:47:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

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

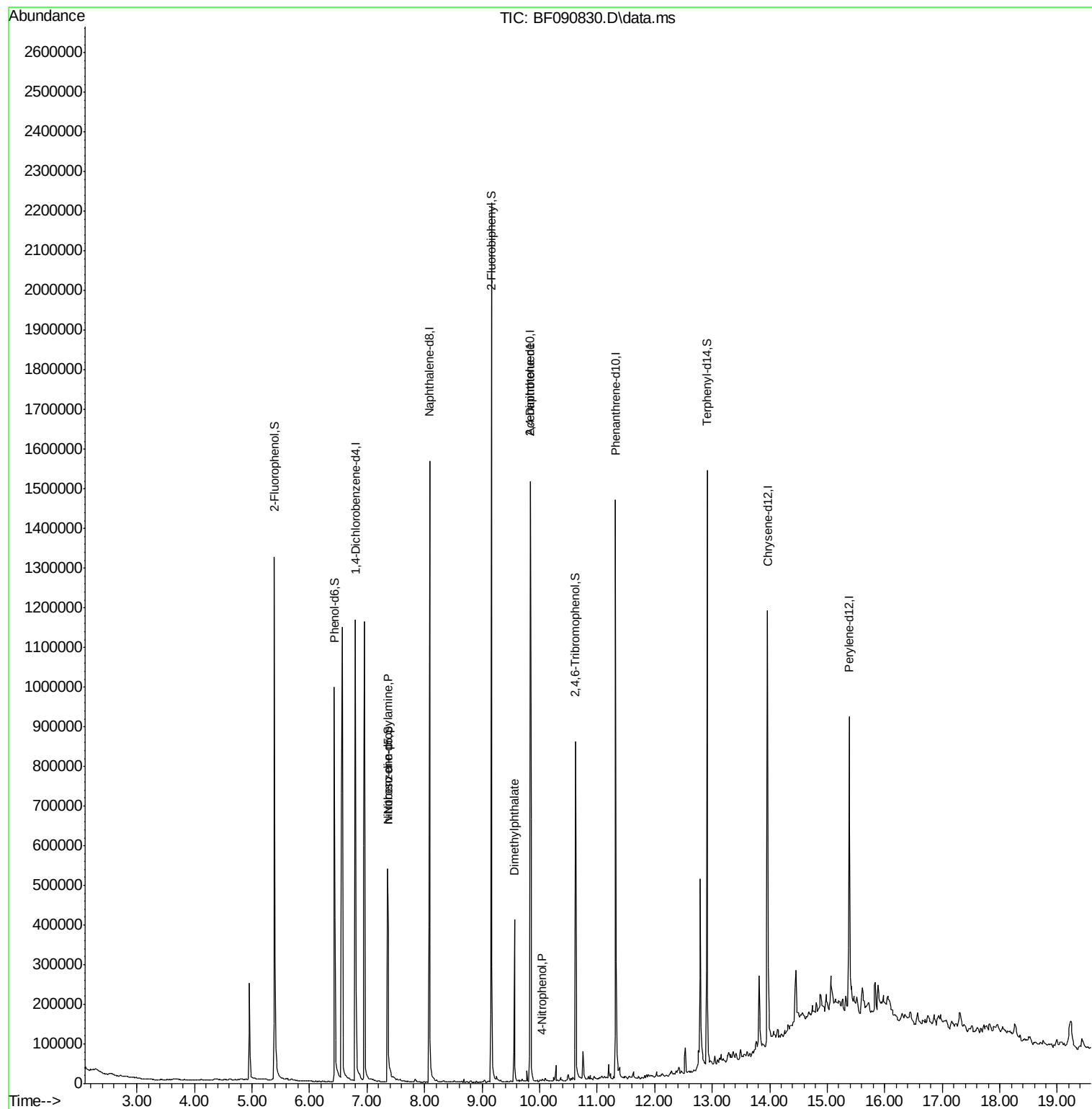
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.796	152	198375	20.00	ng	-0.07
21) Naphthalene-d8	8.087	136	791095	20.00	ng	-0.06
38) Acenaphthene-d10	9.836	164	378780	20.00	ng	-0.07
63) Phenanthrene-d10	11.322	188	548782	20.00	ng	-0.07
75) Chrysene-d12	13.962	240	396202	20.00	ng	-0.06
86) Perylene-d12	15.380	264	378150	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	415785	33.80	ng	-0.07
7) Phenol-d6	6.430	99	489881	29.40	ng	-0.07
23) Nitrobenzene-d5	7.356	82	306551	21.25	ng	-0.07
41) 2,4,6-Tribromophenol	10.625	330	108627	36.23	ng	-0.07
44) 2-Fluorobiphenyl	9.162	172	681125	27.91	ng	-0.07
78) Terphenyl-d14	12.911	244	482481	27.91	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.356	70	38057	3.07	ng	Qvalue # 51
49) Dimethylphthalate	9.562	163	181113	7.61	ng	# 97
55) 4-Nitrophenol	10.042	139	560	6.08	ng	# 25
56) 2,4-Dinitrotoluene	9.836	165	48350	7.73	ng	# 33

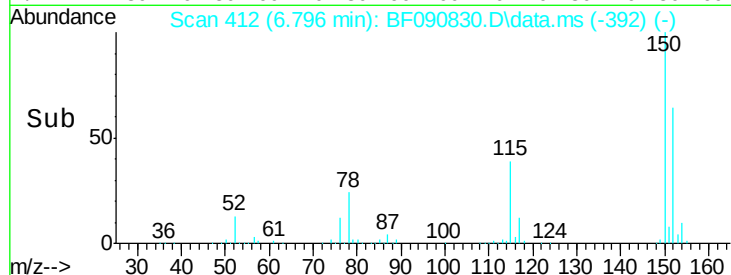
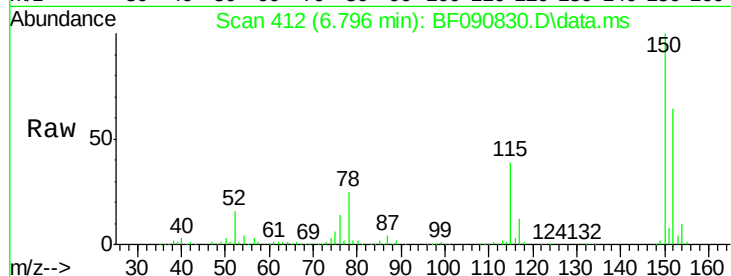
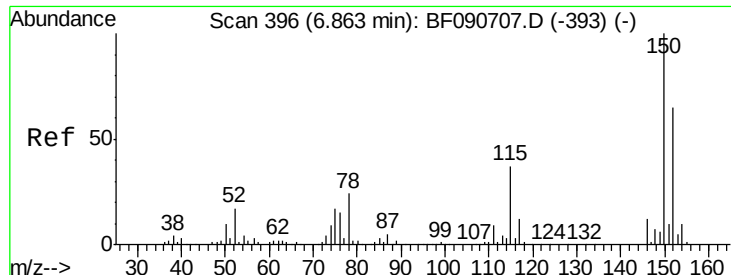
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF102516\Not Reviewed Data\
Data File : BF090830.D
Acq On : 26 Oct 2016 1:38
Operator : UM/SJ
Sample : H5396-03 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P2-S2

Quant Time: Oct 26 08:47:11 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration

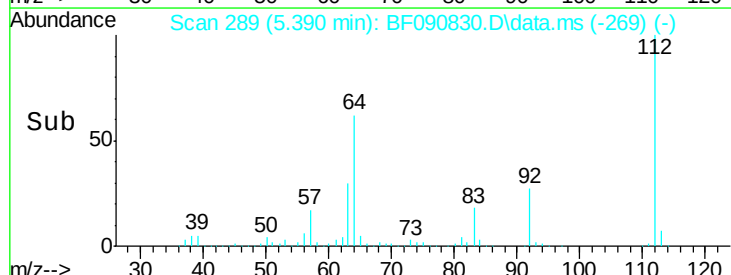
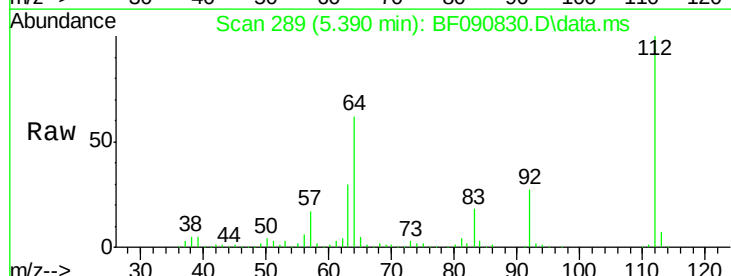
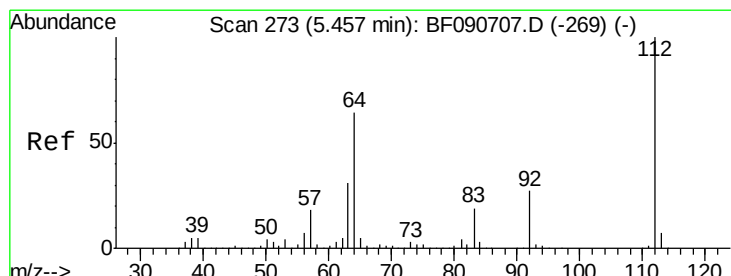
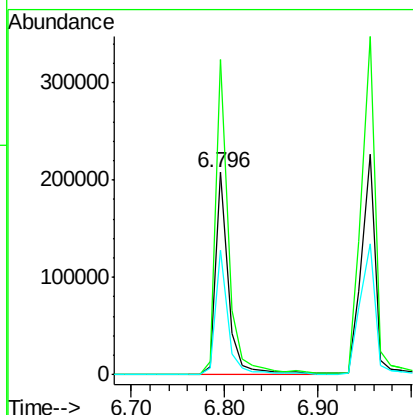




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.796 min Scan# 41
 Delta R.T. -0.067 min
 Lab File: BF090830.D
 Acq: 26 Oct 2016 1:38

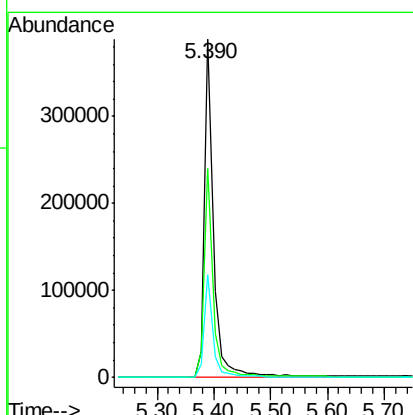
Instrument :
 BNA_F
 ClientSampleId :
 P2-S2

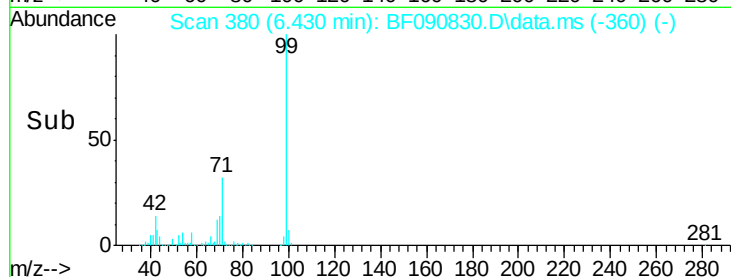
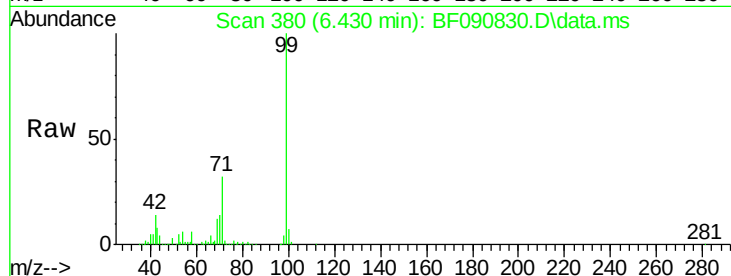
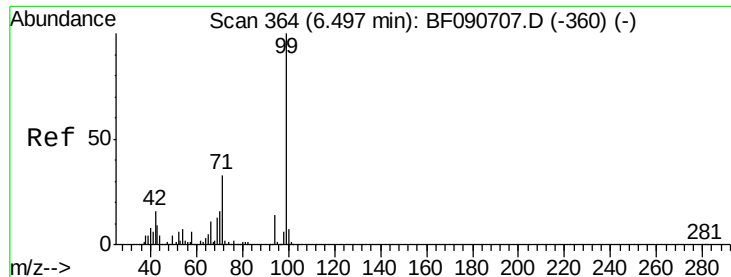
Tot Ion:152 Resp: 198375
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.7 187.1
 115 61.5 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 33.80 ng
 RT: 5.390 min Scan# 289
 Delta R.T. -0.067 min
 Lab File: BF090830.D
 Acq: 26 Oct 2016 1:38

Tgt Ion:112 Resp: 415785
 Ion Ratio Lower Upper
 112 100
 64 61.8 39.7 59.5#
 63 30.3 17.4 26.0#





#7

Phenol-d6

Concen: 29.40 ng

RT: 6.430 min Scan# 380

Delta R.T. -0.067 min

Lab File: BF090830.D

Acq: 26 Oct 2016 1:38

Instrument :

BNA_F

ClientSampleId :

P2-S2

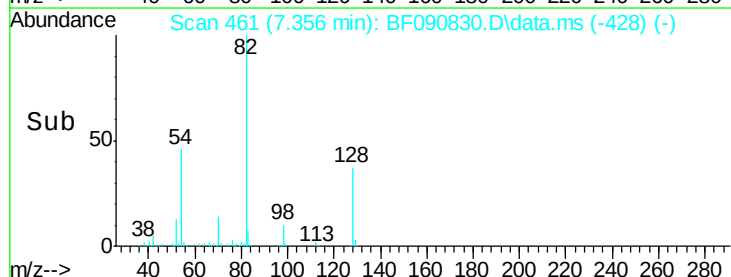
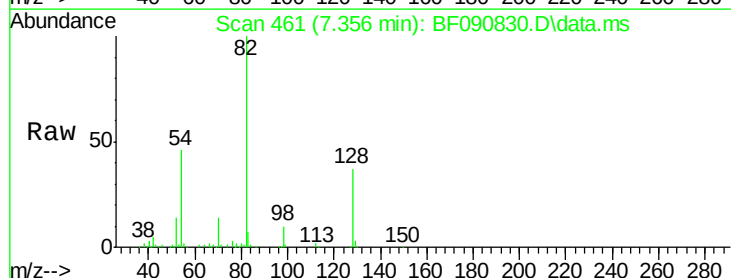
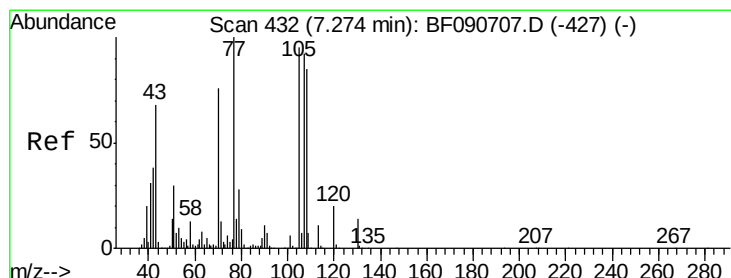
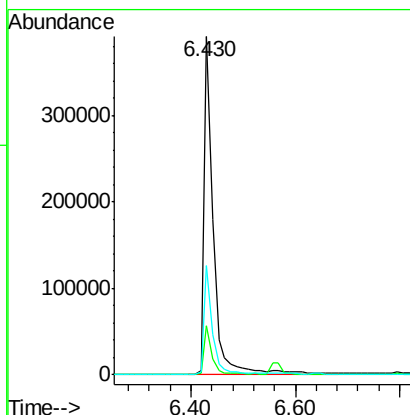
Tot Ion: 99 Resp: 489881

Ion Ratio Lower Upper

99 100

42 14.3 13.7 20.5

71 32.4 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 3.07 ng

RT: 7.356 min Scan# 461

Delta R.T. 0.082 min

Lab File: BF090830.D

Acq: 26 Oct 2016 1:38

Tgt Ion: 70 Resp: 38057

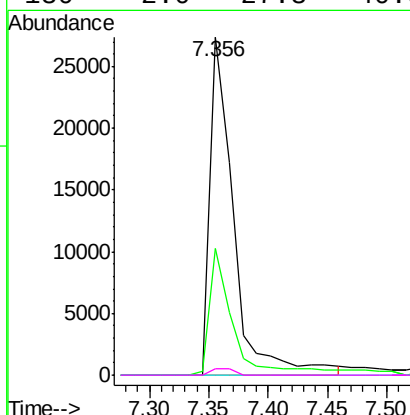
Ion Ratio Lower Upper

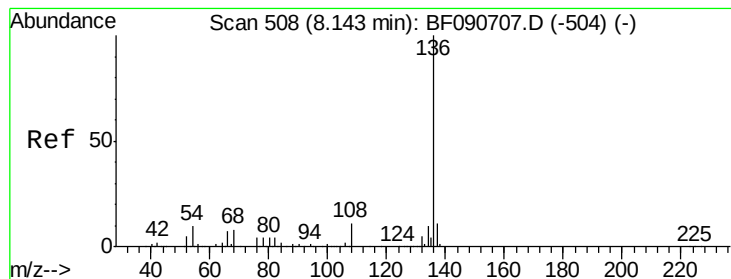
70 100

42 37.4 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.087 min Scan# 52

Delta R.T. -0.056 min

Lab File: BF090830.D

Acq: 26 Oct 2016 1:38

Instrument :

BNA_F

ClientSampleId :

P2-S2

Tot Ion:136 Resp: 791095

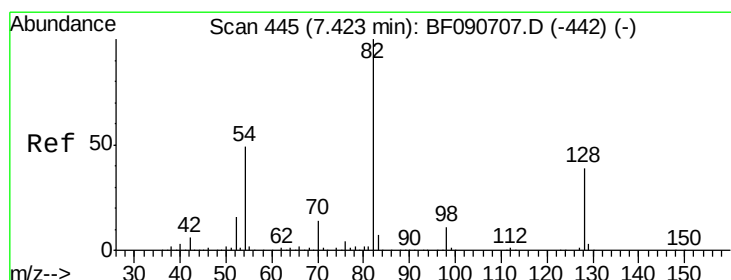
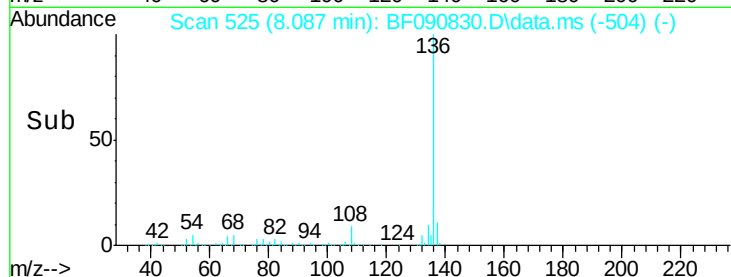
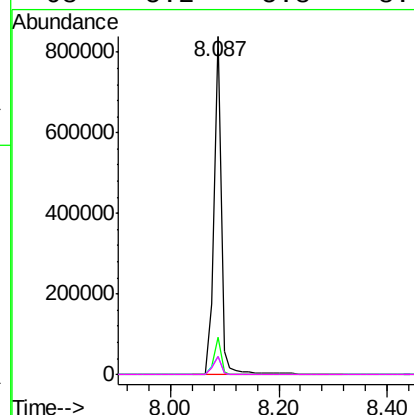
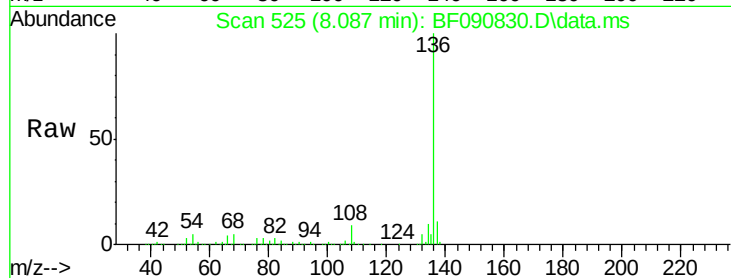
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 5.4 8.2 12.2#

68 5.2 5.8 8.6#



#23

Nitrobenzene-d5

Concen: 21.25 ng

RT: 7.356 min Scan# 461

Delta R.T. -0.067 min

Lab File: BF090830.D

Acq: 26 Oct 2016 1:38

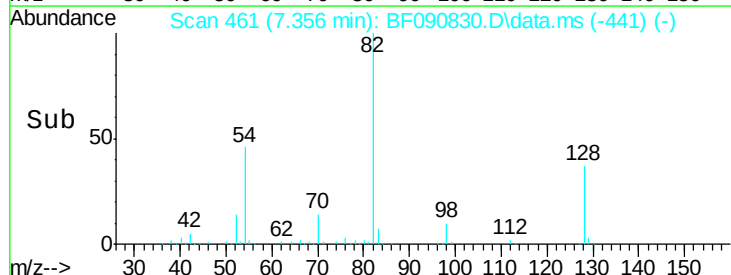
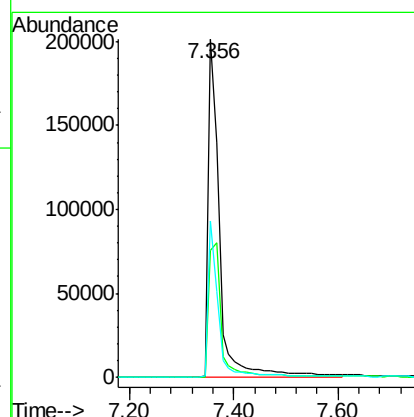
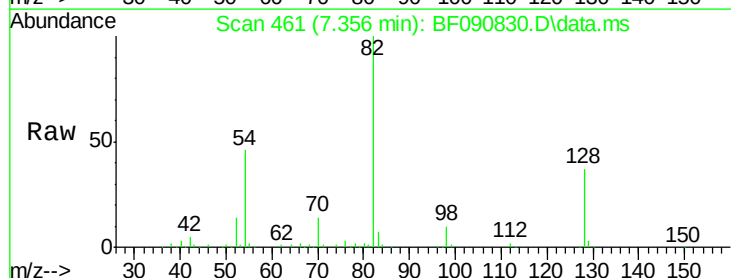
Tgt Ion: 82 Resp: 306551

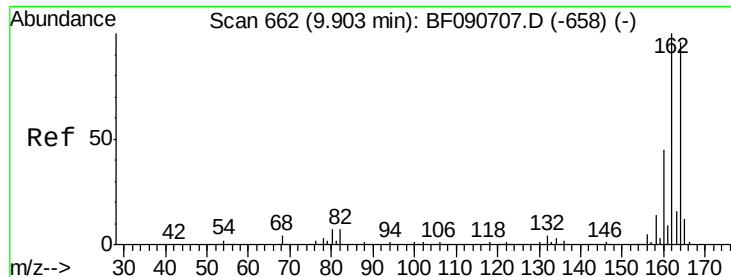
Ion Ratio Lower Upper

82 100

128 37.4 51.0 76.6#

54 46.1 47.5 71.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.836 min Scan# 67

Delta R.T. -0.067 min

Lab File: BF090830.D

Acq: 26 Oct 2016 1:38

Instrument :

BNA_F

ClientSampleId :

P2-S2

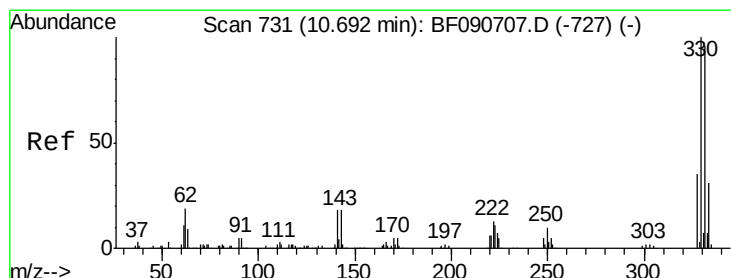
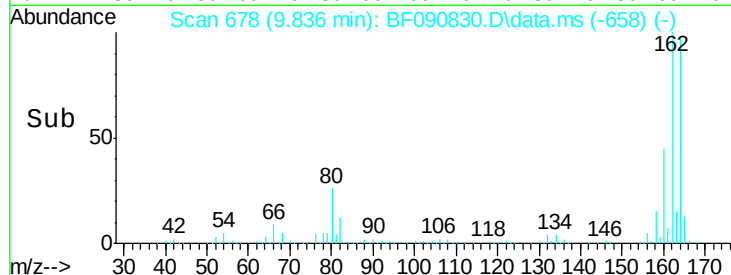
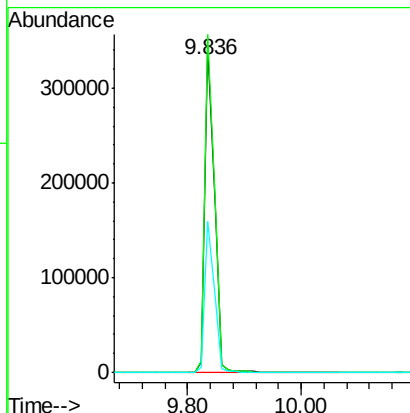
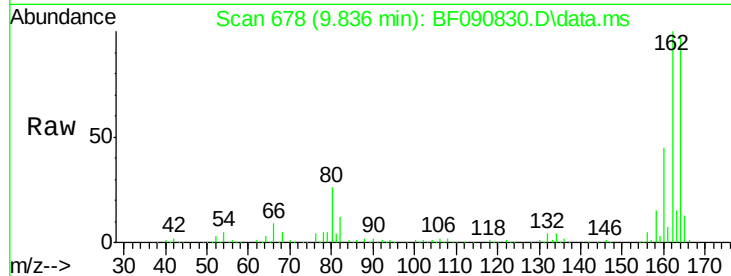
Tot Ion:164 Resp: 378780

Ion Ratio Lower Upper

164 100

162 103.5 75.2 112.8

160 46.4 31.5 47.3



#41

2,4,6-Tribromophenol

Concen: 36.23 ng

RT: 10.625 min Scan# 747

Delta R.T. -0.066 min

Lab File: BF090830.D

Acq: 26 Oct 2016 1:38

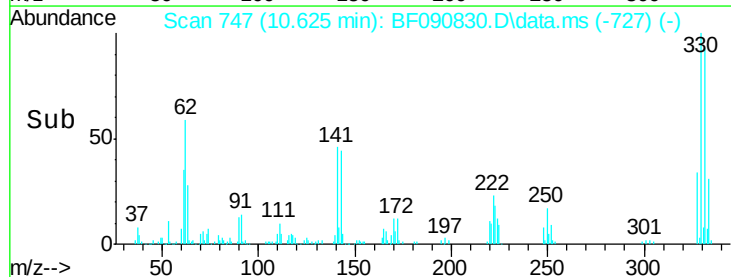
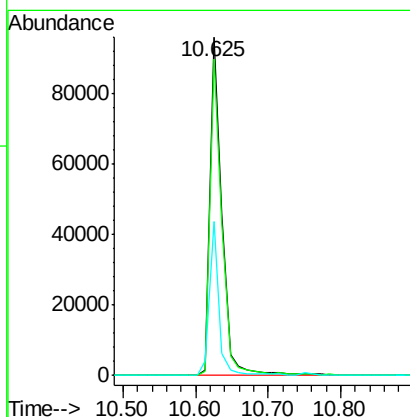
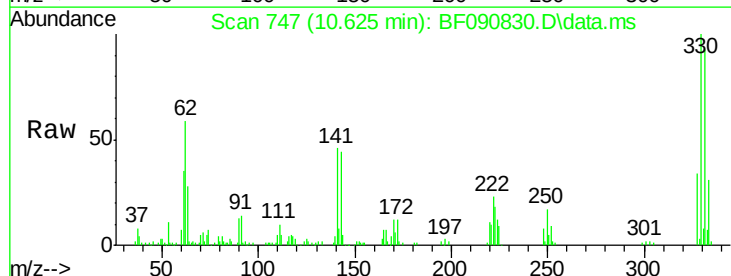
Tgt Ion:330 Resp: 108627

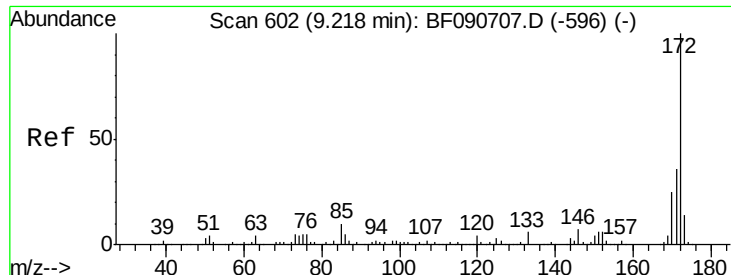
Ion Ratio Lower Upper

330 100

332 93.9 76.6 114.8

141 36.9 29.7 44.5

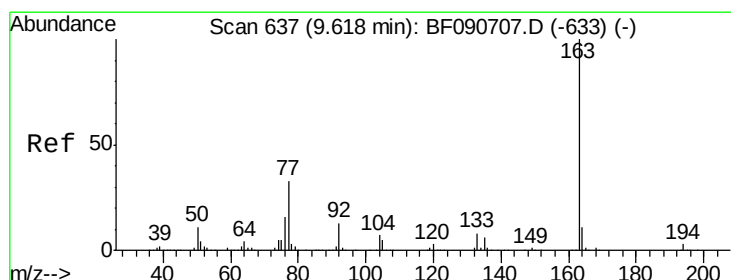
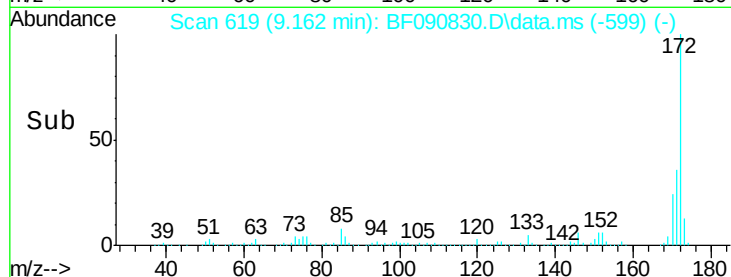
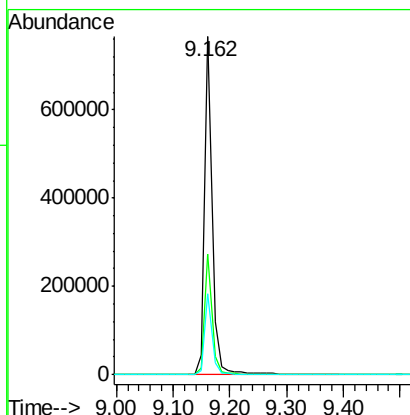
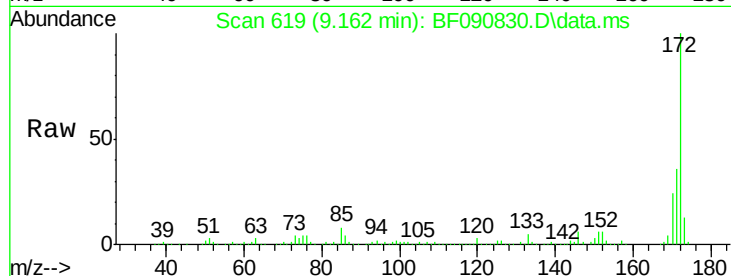




#44
2-Fluorobiphenyl
Concen: 27.91 ng
RT: 9.162 min Scan# 61
Delta R.T. -0.066 min
Lab File: BF090830.D
Acq: 26 Oct 2016 1:38

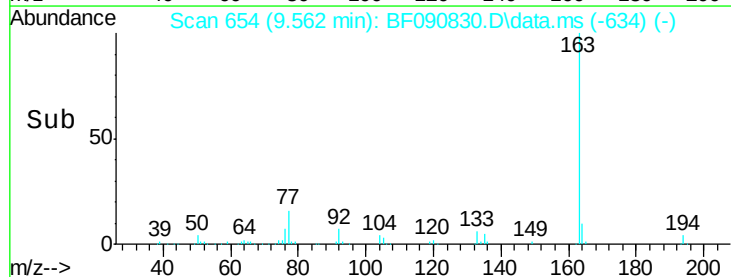
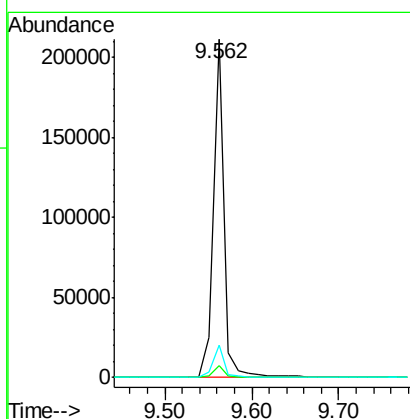
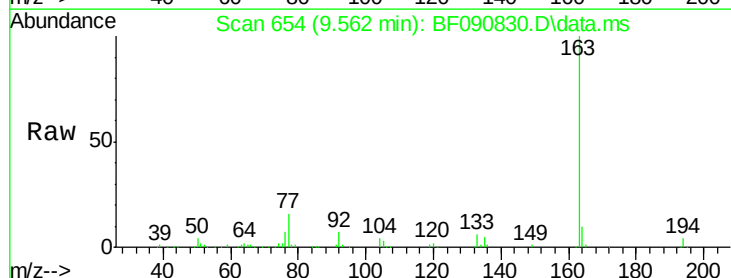
Instrument :
BNA_F
ClientSampleId :
P2-S2

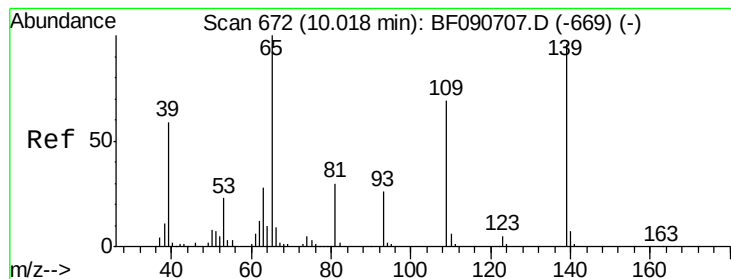
Tot Ion:172 Resp: 681125
Ion Ratio Lower Upper
172 100
171 35.7 26.1 39.1
170 23.8 17.4 26.2



#49
Dimethylphthalate
Concen: 7.61 ng
RT: 9.562 min Scan# 654
Delta R.T. -0.067 min
Lab File: BF090830.D
Acq: 26 Oct 2016 1:38

Tgt Ion:163 Resp: 181113
Ion Ratio Lower Upper
163 100
194 3.5 4.4 6.6#
164 9.6 8.3 12.5





#55

4-Nitrophenol

Concen: 6.08 ng

RT: 10.042 min Scan# 69

Delta R.T. 0.025 min

Lab File: BF090830.D

Acq: 26 Oct 2016 1:38

Instrument :

BNA_F

ClientSampleId :

P2-S2

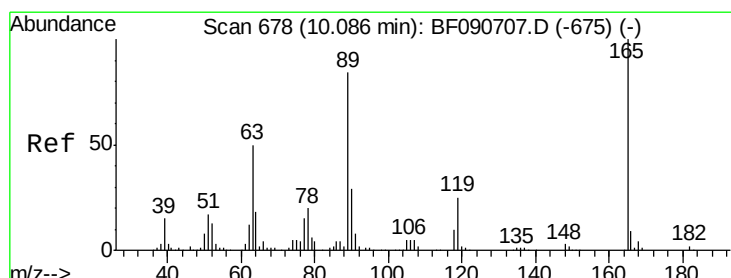
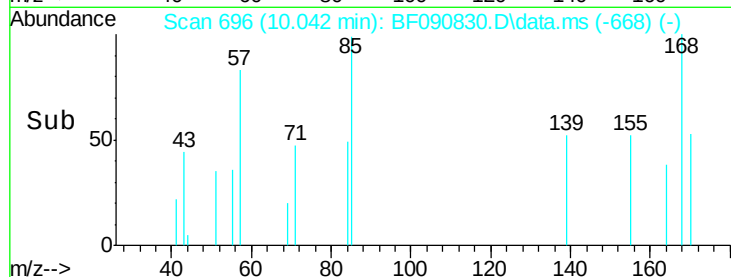
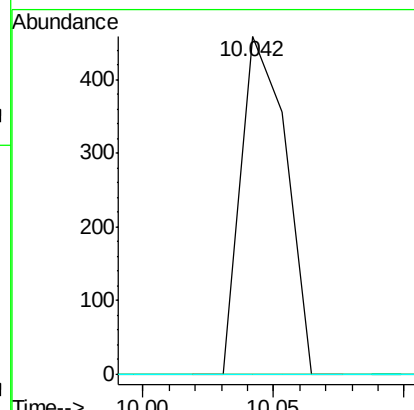
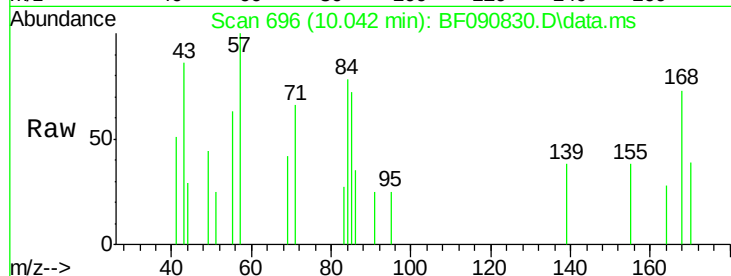
Tot Ion:139 Resp: 560

Ion Ratio Lower Upper

139 100

109 0.0 12.7 52.7#

65 0.0 45.9 85.9#



#56

2,4-Dinitrotoluene

Concen: 7.73 ng

RT: 9.836 min Scan# 678

Delta R.T. -0.250 min

Lab File: BF090830.D

Acq: 26 Oct 2016 1:38

Tgt Ion:165 Resp: 48350

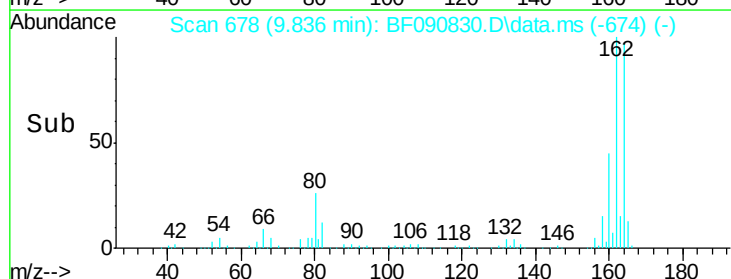
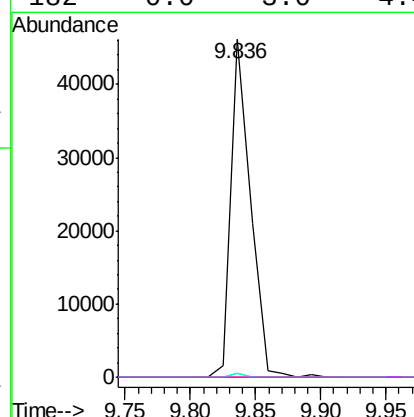
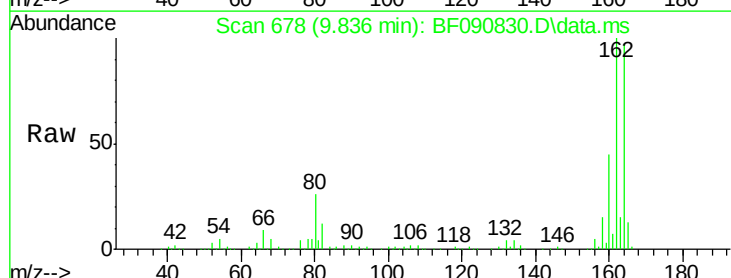
Ion Ratio Lower Upper

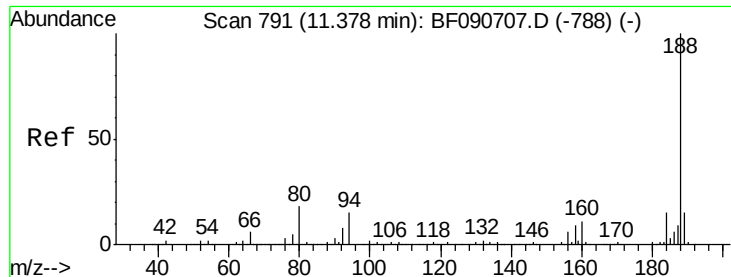
165 100

63 1.1 29.8 44.6#

89 1.2 44.5 66.7#

182 0.0 3.0 4.4#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.322 min Scan# 80

Delta R.T. -0.067 min

Lab File: BF090830.D

Acq: 26 Oct 2016 1:38

Instrument :

BNA_F

ClientSampled :

P2-S2

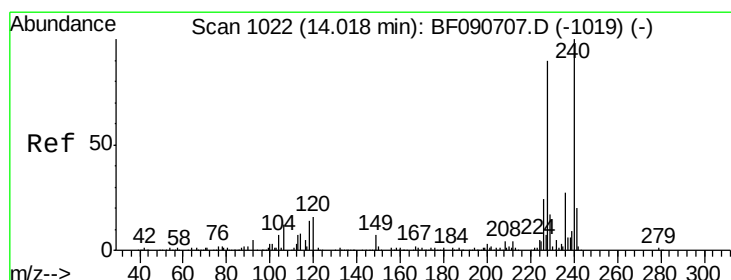
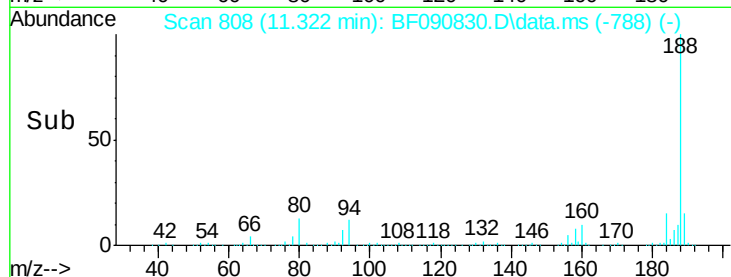
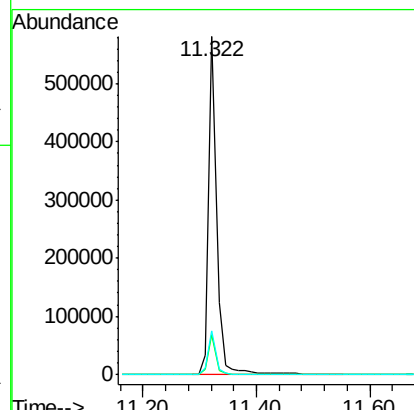
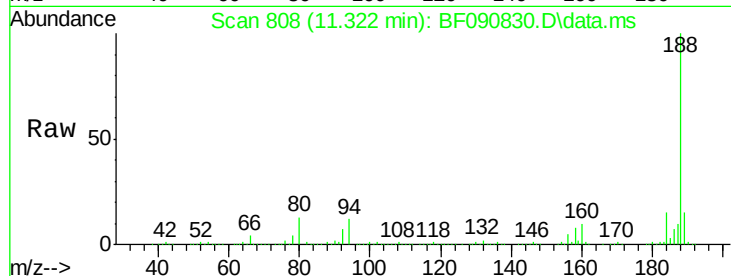
Tot Ion:188 Resp: 548782

Ion Ratio Lower Upper

188 100

94 11.7 11.1 16.7

80 13.0 11.0 16.4



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.962 min Scan# 1039

Delta R.T. -0.056 min

Lab File: BF090830.D

Acq: 26 Oct 2016 1:38

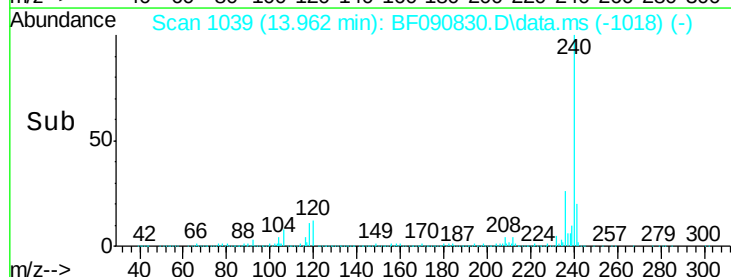
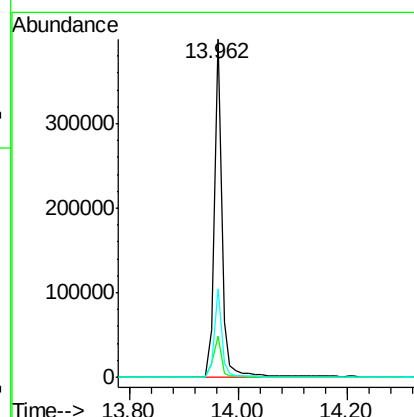
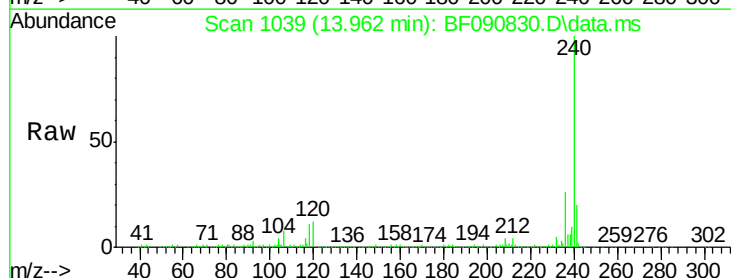
Tgt Ion:240 Resp: 396202

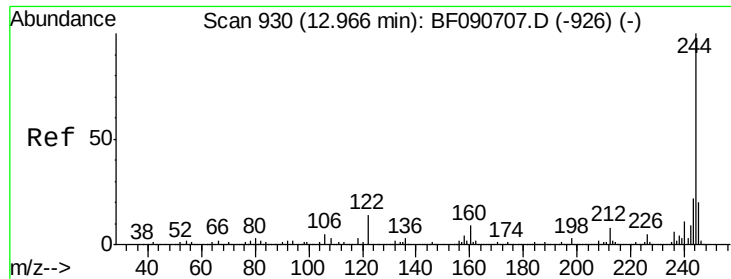
Ion Ratio Lower Upper

240 100

120 12.3 16.2 24.2#

236 26.3 18.4 27.6

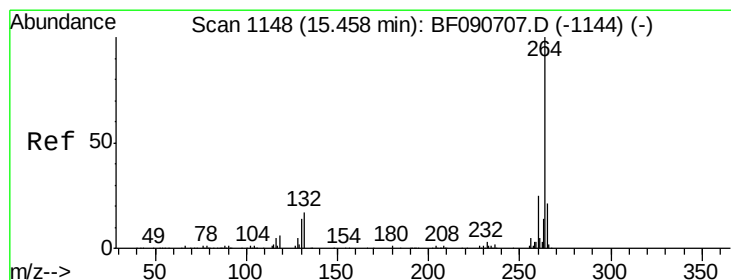
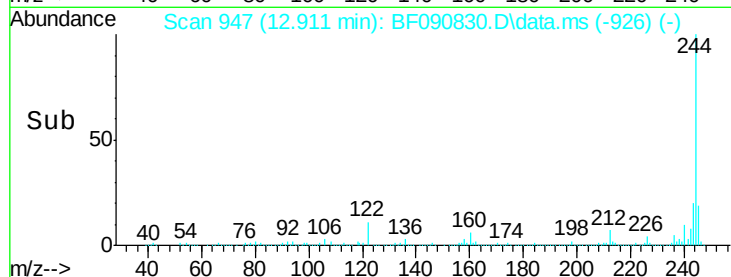
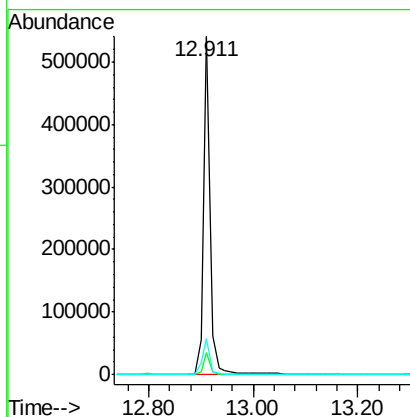
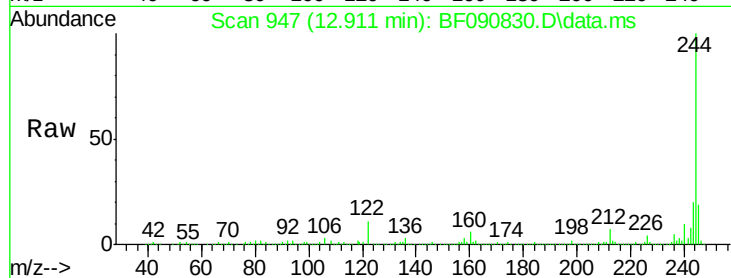




#78
 Terphenyl-d14
 Concen: 27.91 ng
 RT: 12.911 min Scan# 94
 Delta R.T. -0.055 min
 Lab File: BF090830.D
 Acq: 26 Oct 2016 1:38

Instrument :
 BNA_F
 ClientSampleId :
 P2-S2

Tot Ion:244 Resp: 482481
 Ion Ratio Lower Upper
 244 100
 212 6.5 4.3 6.5#
 122 10.8 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.380 min Scan# 1163
 Delta R.T. -0.079 min
 Lab File: BF090830.D
 Acq: 26 Oct 2016 1:38

Tgt Ion:264 Resp: 378150
 Ion Ratio Lower Upper
 264 100
 260 24.9 16.7 25.1
 265 22.0 17.2 25.8

