

Data Path : Z:\HPCHEM1\BNA F\Data\BF102516\Not Reviewed Data\
 Data File : BF090828.D
 Acq On : 26 Oct 2016 00:43
 Operator : UM/SJ
 Sample : H5396-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P4-S1

Quant Time: Oct 26 08:45:48 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)

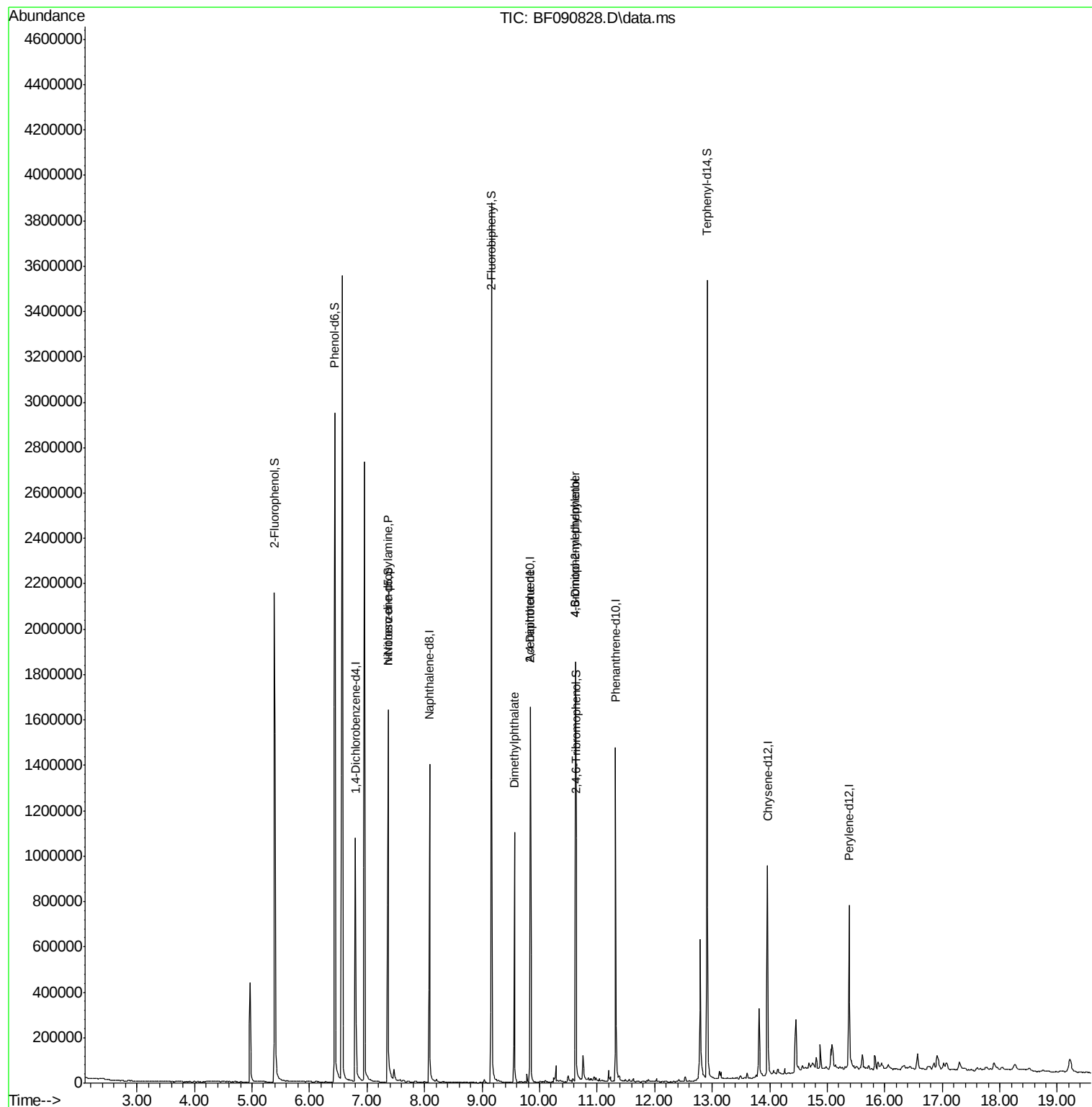
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.796	152	187434	20.00	ng	-0.07
21) Naphthalene-d8	8.087	136	747686	20.00	ng	-0.06
38) Acenaphthene-d10	9.836	164	373229	20.00	ng	-0.07
63) Phenanthrene-d10	11.322	188	561754	20.00	ng	-0.07
75) Chrysene-d12	13.962	240	365238	20.00	ng	-0.06
86) Perylene-d12	15.380	264	332015	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	940337	80.91	ng	-0.07
7) Phenol-d6	6.442	99	1413227	89.77	ng	-0.06
23) Nitrobenzene-d5	7.367	82	738220	54.15	ng	-0.06
41) 2,4,6-Tribromophenol	10.636	330	328917	111.34	ng	-0.05
44) 2-Fluorobiphenyl	9.162	172	1385080	57.61	ng	-0.07
78) Terphenyl-d14	12.911	244	1121213	70.36	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.367	70	93216	7.95	ng	Qvalue # 48
49) Dimethylphthalate	9.562	163	449818	19.18	ng	# 98
56) 2,4-Dinitrotoluene	9.836	165	48595	7.88	ng	# 33
64) 4,6-Dinitro-2-methylph...	10.625	198	327	4.26	ng	# 1
66) 4-Bromophenyl-phenylether	10.625	248	18935	3.48	ng	# 1

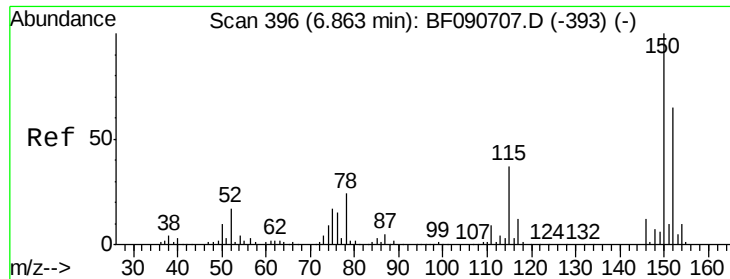
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.796 min Scan# 41

Delta R.T. -0.067 min

Lab File: BF090828.D

Acq: 26 Oct 2016 00:43

Instrument :

BNA_F

ClientSampleId :

P4-S1

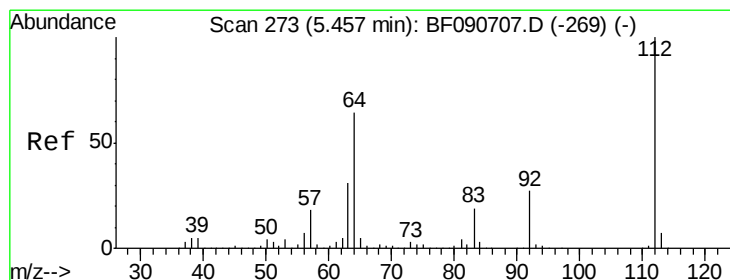
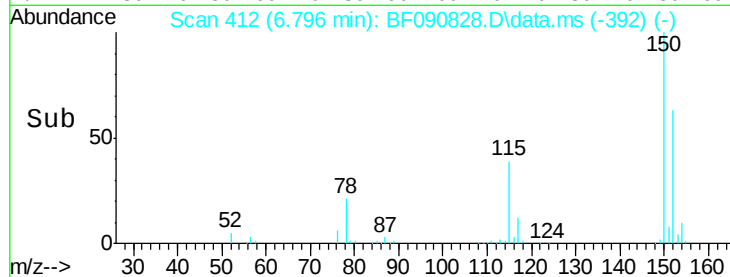
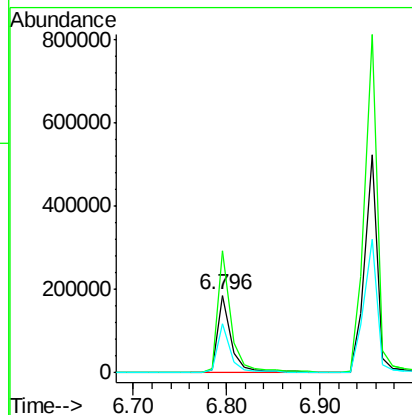
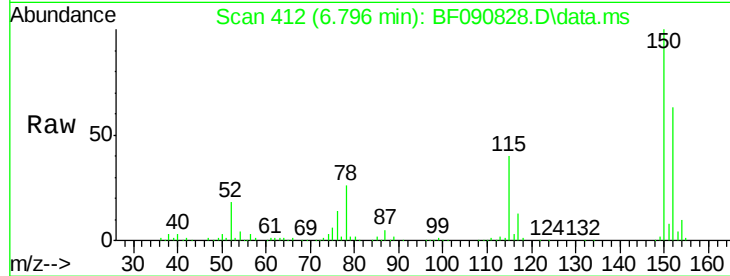
Tot Ion:152 Resp: 187434

Ion Ratio Lower Upper

152 100

150 157.5 124.7 187.1

115 62.4 39.0 58.4#



#5

2-Fluorophenol

Concen: 80.91 ng

RT: 5.390 min Scan# 289

Delta R.T. -0.067 min

Lab File: BF090828.D

Acq: 26 Oct 2016 00:43

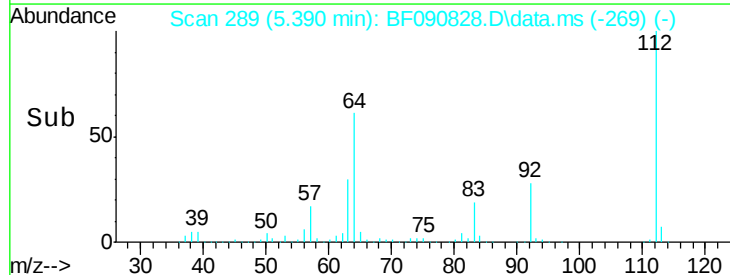
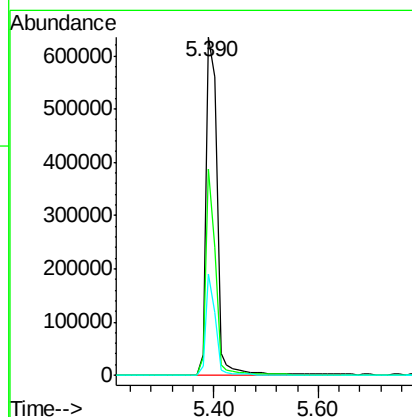
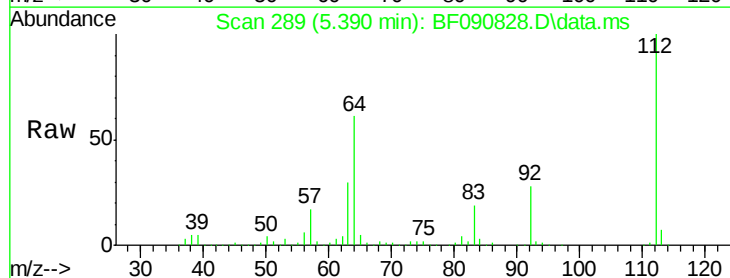
Tgt Ion:112 Resp: 940337

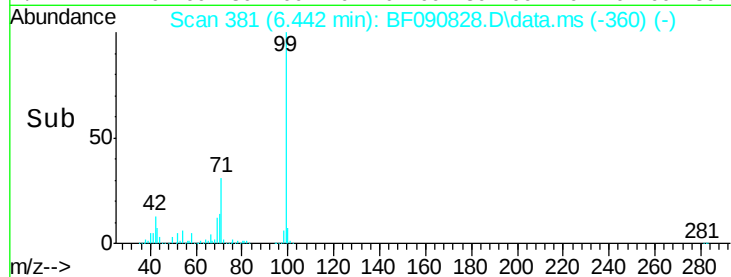
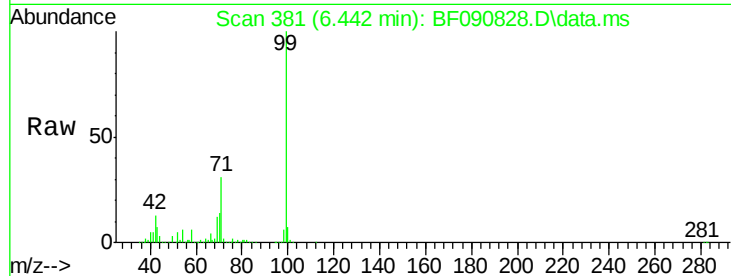
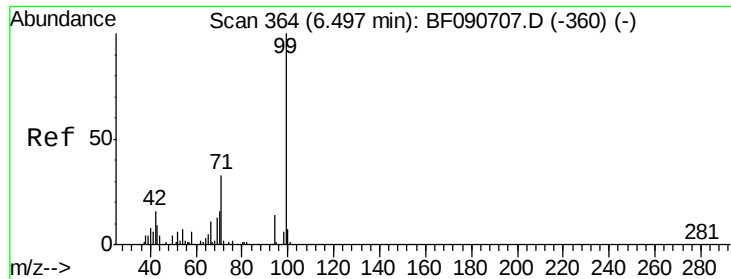
Ion Ratio Lower Upper

112 100

64 61.0 39.7 59.5#

63 29.8 17.4 26.0#





#7

Phenol-d6

Concen: 89.77 ng

RT: 6.442 min Scan# 381

Delta R.T. -0.055 min

Lab File: BF090828.D

Acq: 26 Oct 2016 00:43

Instrument :

BNA_F

ClientSampleId :

P4-S1

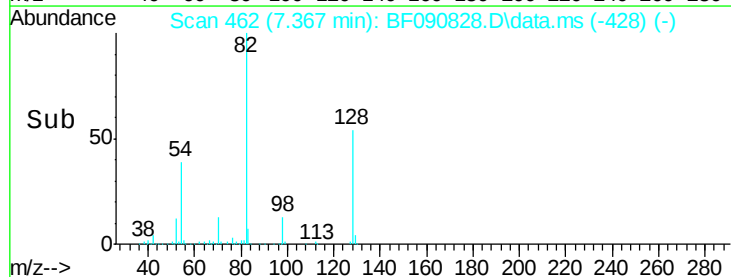
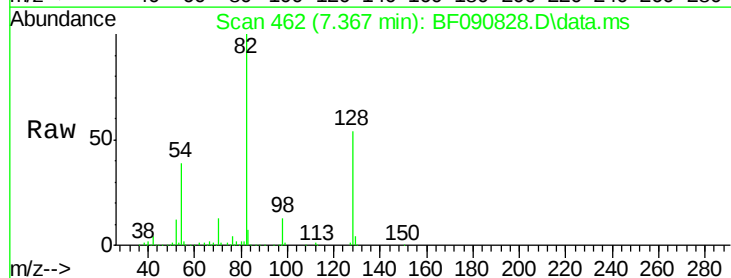
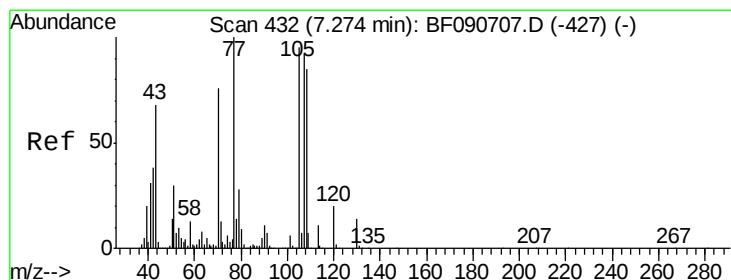
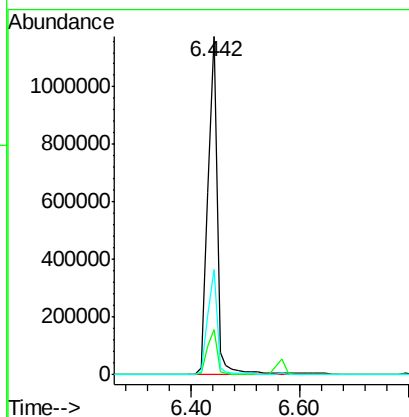
Tot Ion: 99 Resp: 1413227

Ion Ratio Lower Upper

99 100

42 13.2 13.7 20.5#

71 31.0 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 7.95 ng

RT: 7.367 min Scan# 462

Delta R.T. 0.093 min

Lab File: BF090828.D

Acq: 26 Oct 2016 00:43

Tgt Ion: 70 Resp: 93216

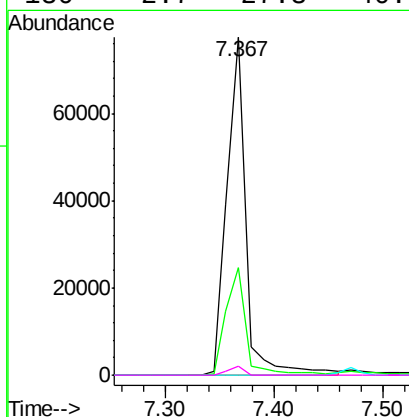
Ion Ratio Lower Upper

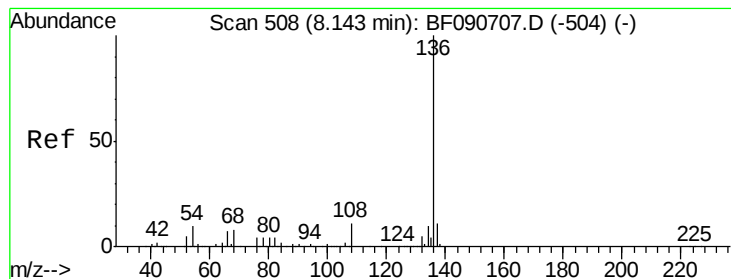
70 100

42 31.7 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: 8.087 min Scan# 52

Delta R.T. -0.056 min

Lab File: BF090828.D

Acq: 26 Oct 2016 00:43

Instrument :

BNA_F

ClientSampleId :

P4-S1

Tot Ion:136 Resp: 747686

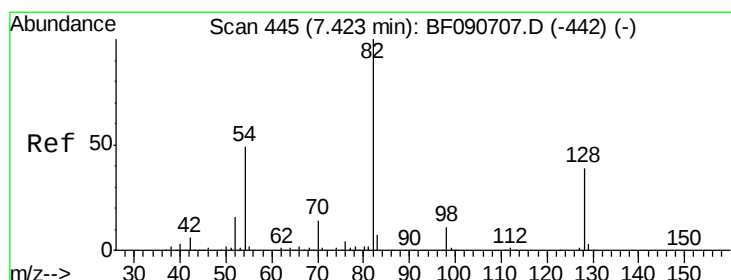
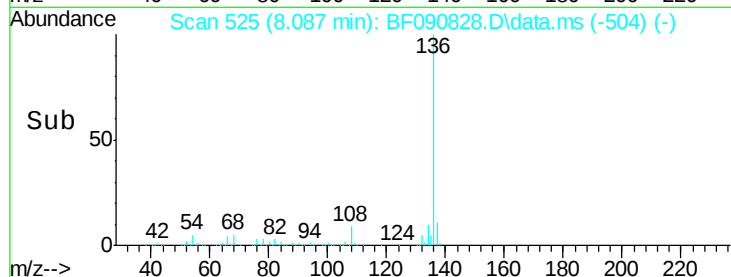
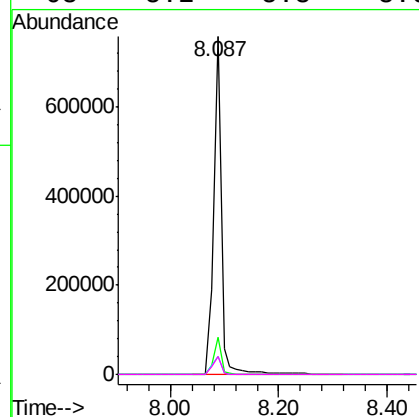
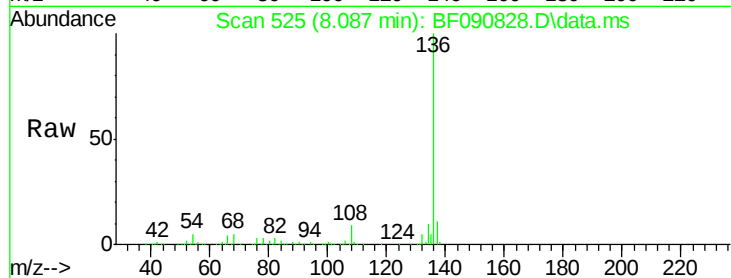
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 5.2 8.2 12.2#

68 5.2 5.8 8.6#



#23

Nitrobenzene-d5

Concen: 54.15 ng

RT: 7.367 min Scan# 462

Delta R.T. -0.056 min

Lab File: BF090828.D

Acq: 26 Oct 2016 00:43

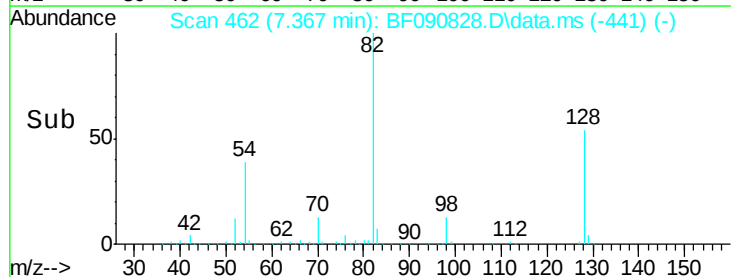
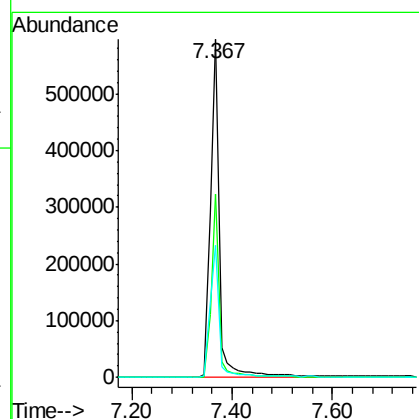
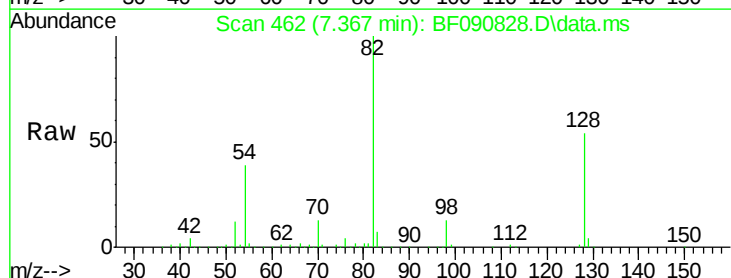
Tgt Ion: 82 Resp: 738220

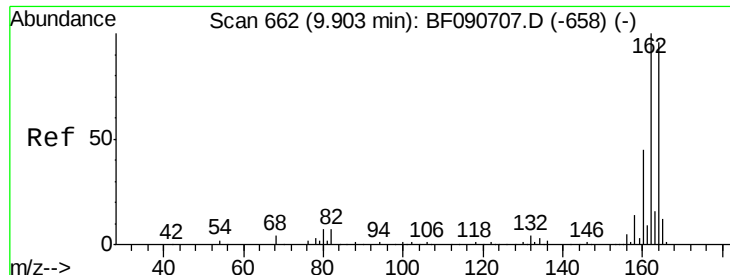
Ion Ratio Lower Upper

82 100

128 54.2 51.0 76.6

54 39.1 47.5 71.3#

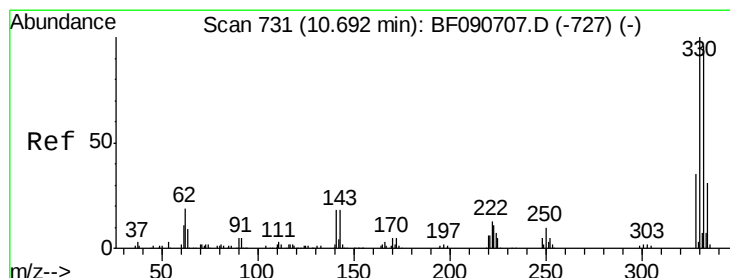
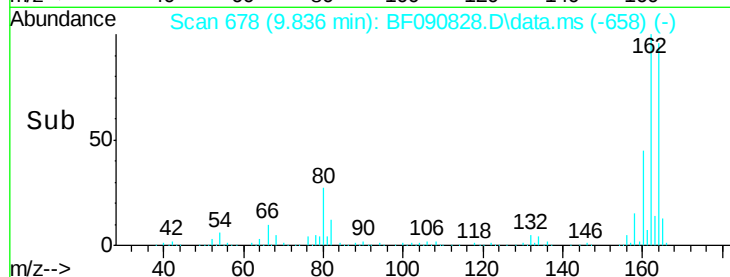
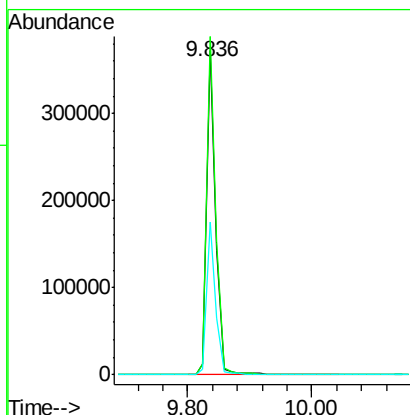
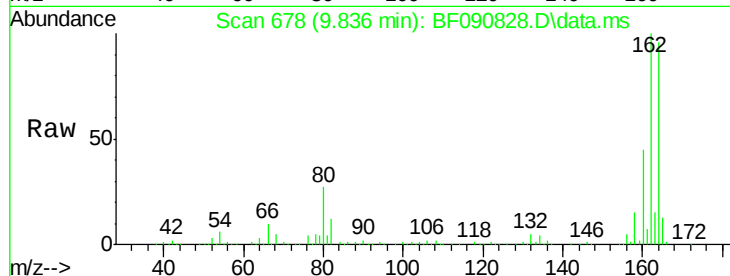




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.836 min Scan# 67
 Delta R.T. -0.067 min
 Lab File: BF090828.D
 Acq: 26 Oct 2016 00:43

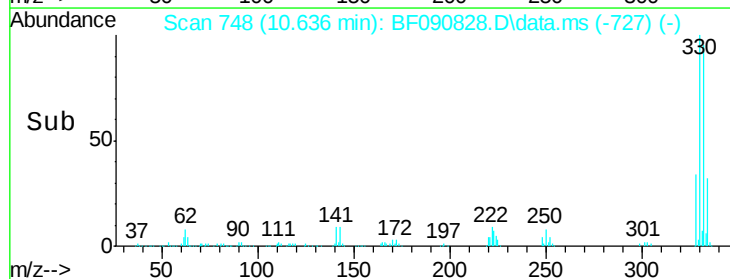
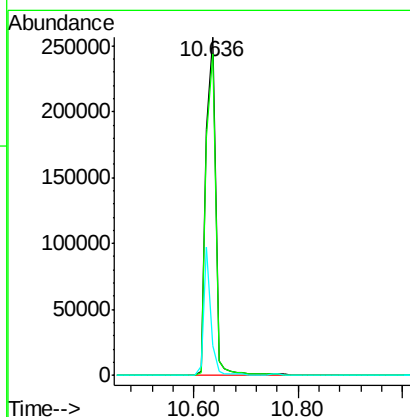
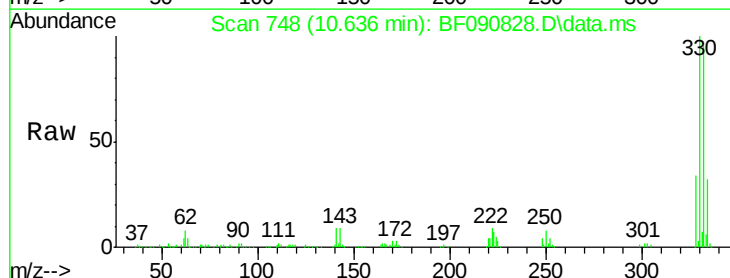
Instrument :
 BNA_F
 ClientSampleId :
 P4-S1

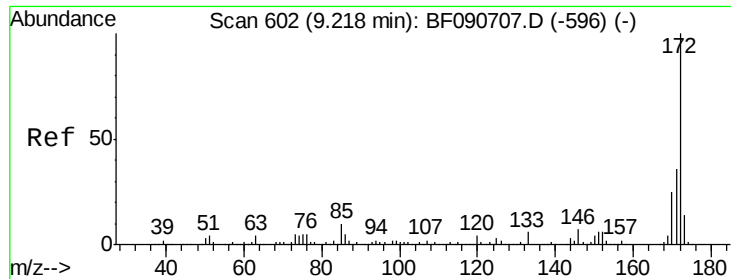
Tot Ion	164	162	160
Resp:	373229		
Ion Ratio	100	104.4	47.1
Lower		75.2	31.5
Upper		112.8	47.3



#41
 2,4,6-Tribromophenol
 Concen: 111.34 ng
 RT: 10.636 min Scan# 748
 Delta R.T. -0.055 min
 Lab File: BF090828.D
 Acq: 26 Oct 2016 00:43

Tgt Ion	330	332	141
Resp:	328917		
Ion Ratio	100	95.8	28.2
Lower		76.6	29.7
Upper		114.8	44.5#

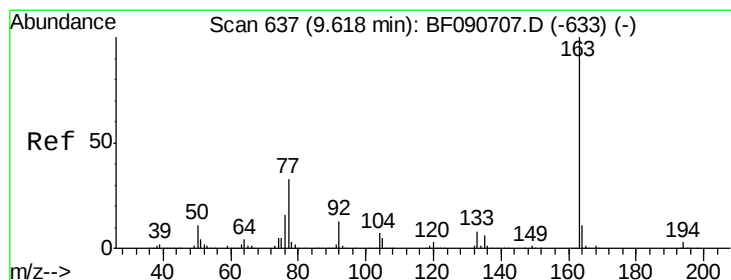
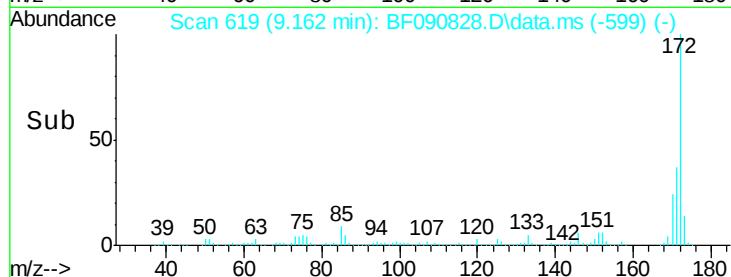
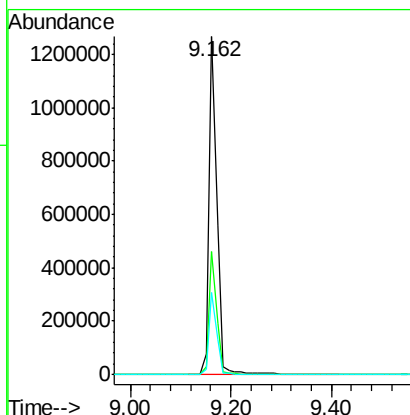
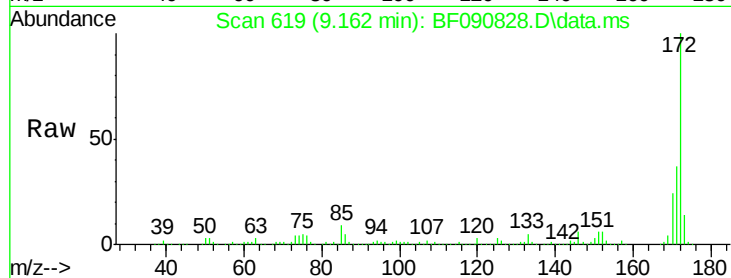




#44
 2-Fluorobiphenyl
 Concen: 57.61 ng
 RT: 9.162 min Scan# 61
 Delta R.T. -0.066 min
 Lab File: BF090828.D
 Acq: 26 Oct 2016 00:43

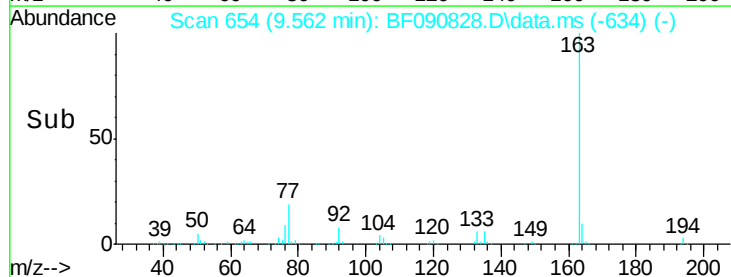
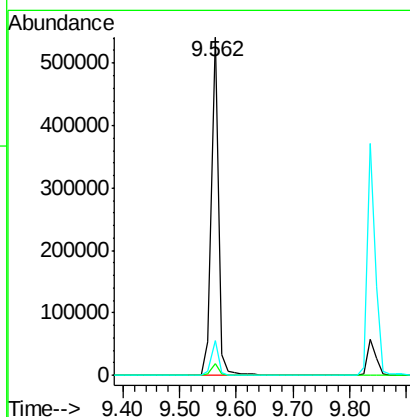
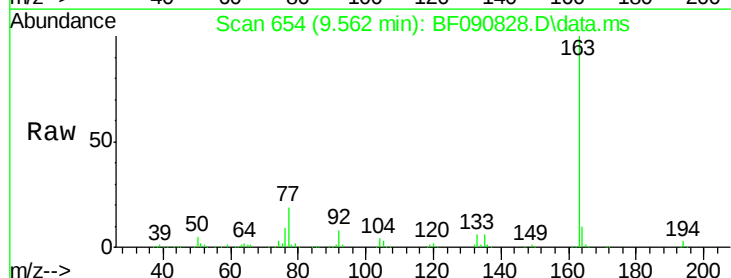
Instrument :
 BNA_F
 ClientSampleId :
 P4-S1

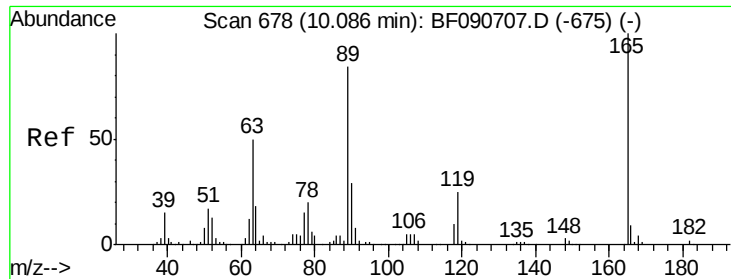
Tot Ion:172 Resp: 1385080
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.1 39.1
 170 24.4 17.4 26.2



#49
 Dimethylphthalate
 Concen: 19.18 ng
 RT: 9.562 min Scan# 654
 Delta R.T. -0.067 min
 Lab File: BF090828.D
 Acq: 26 Oct 2016 00:43

Tgt Ion:163 Resp: 449818
 Ion Ratio Lower Upper
 163 100
 194 3.4 4.4 6.6#
 164 10.2 8.3 12.5

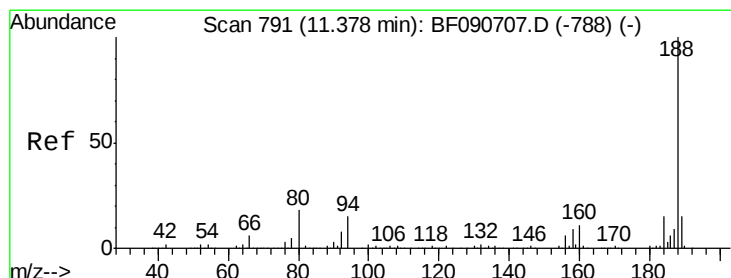
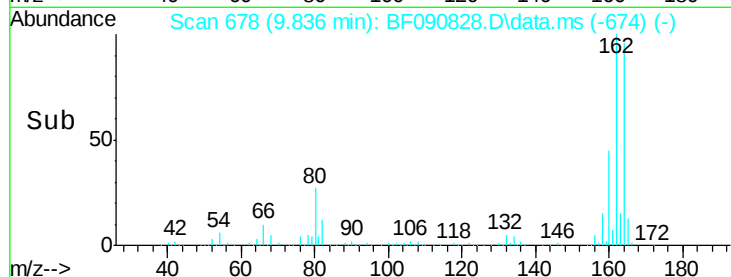
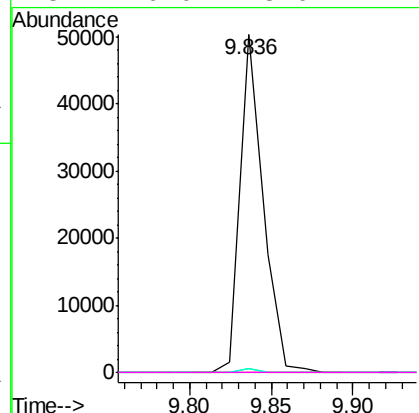
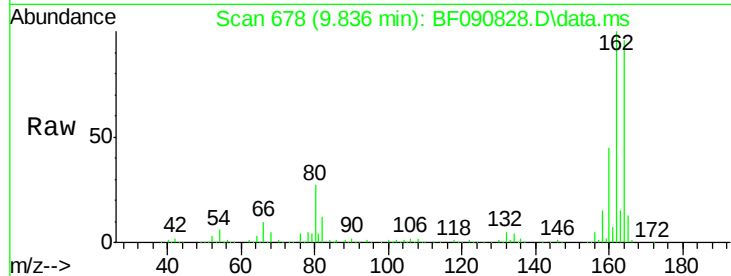




#56
 2,4-Dinitrotoluene
 Concen: 7.88 ng
 RT: 9.836 min Scan# 67
 Delta R.T. -0.250 min
 Lab File: BF090828.D
 Acq: 26 Oct 2016 00:43

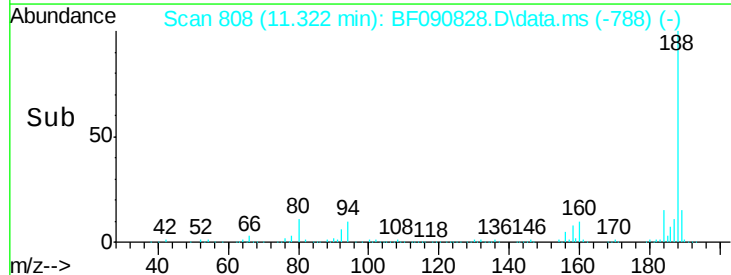
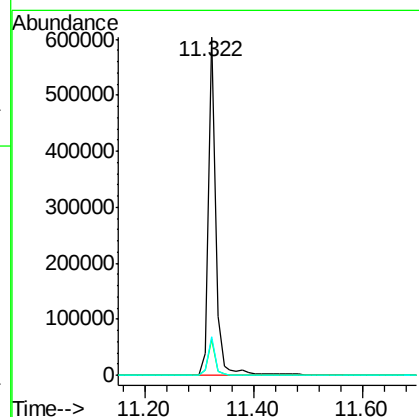
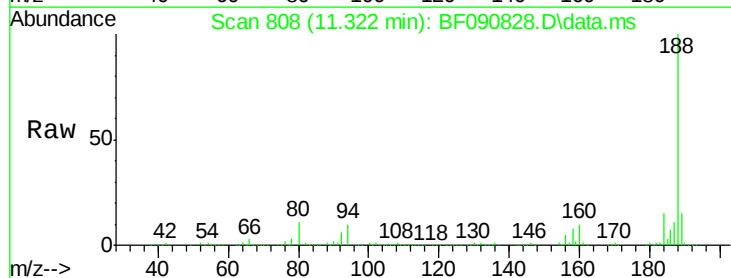
Instrument :
 BNA_F
 ClientSampleId :
 P4-S1

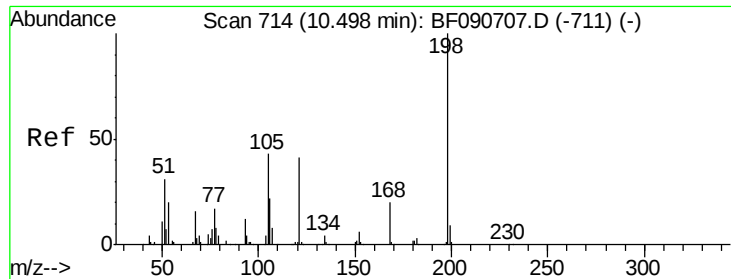
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.6#
89	1.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.322 min Scan# 808
 Delta R.T. -0.067 min
 Lab File: BF090828.D
 Acq: 26 Oct 2016 00:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	11.1	16.7#
80	11.5	11.0	16.4





#64

4,6-Dinitro-2-methylphenol

Concen: 4.26 ng

RT: 10.625 min Scan# 74

Delta R.T. 0.128 min

Lab File: BF090828.D

Acq: 26 Oct 2016 00:43

Instrument :

BNA_F

ClientSampleId :

P4-S1

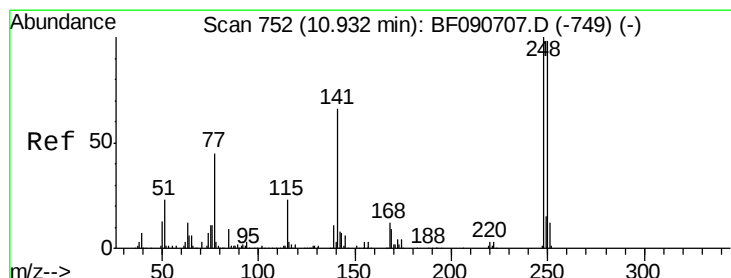
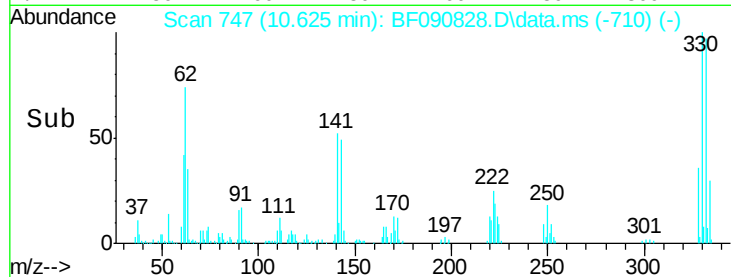
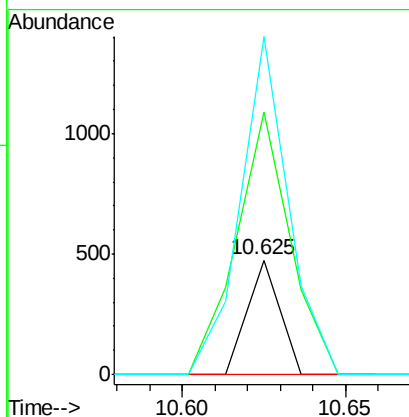
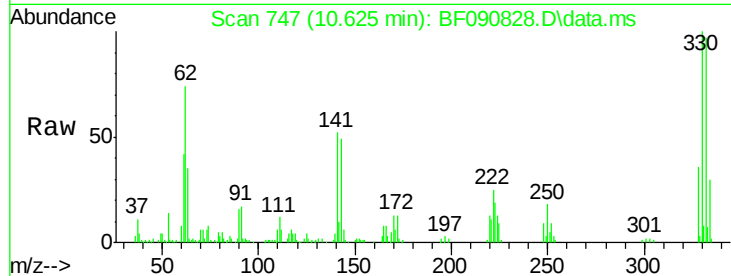
Tot Ion:198 Resp: 327

Ion Ratio Lower Upper

198 100

51 229.4 39.6 79.6#

105 294.7 28.5 68.5#



#66

4-Bromophenyl-phenylether

Concen: 3.48 ng

RT: 10.625 min Scan# 747

Delta R.T. -0.307 min

Lab File: BF090828.D

Acq: 26 Oct 2016 00:43

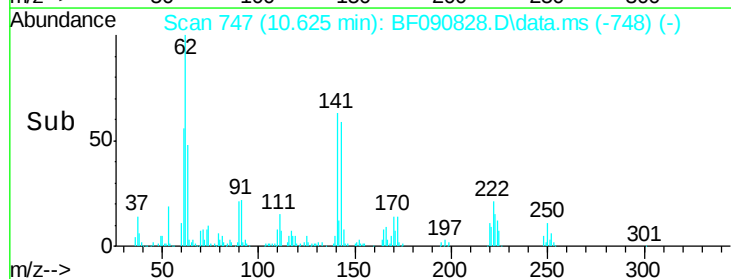
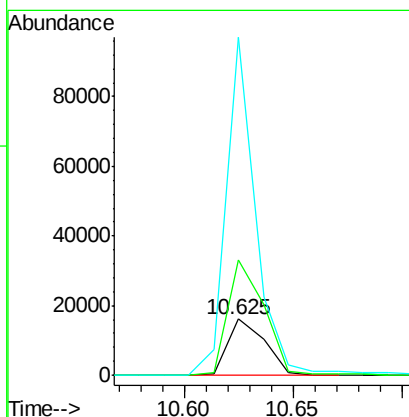
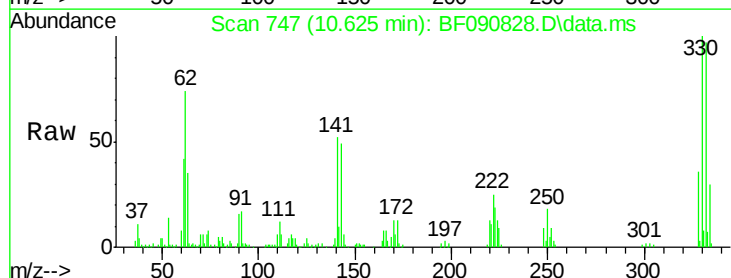
Tgt Ion:248 Resp: 18935

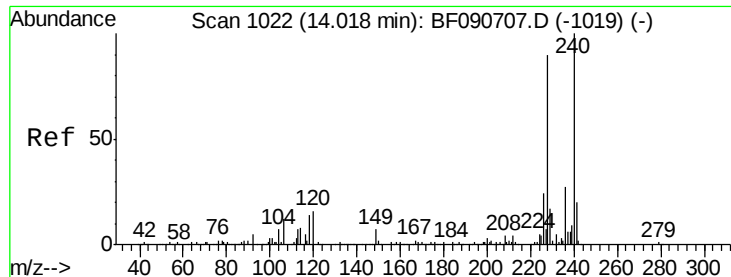
Ion Ratio Lower Upper

248 100

250 203.9 78.5 117.7#

141 599.9 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.962 min Scan# 10

Delta R.T. -0.056 min

Lab File: BF090828.D

Acq: 26 Oct 2016 00:43

Instrument :

BNA_F

ClientSampleId :

P4-S1

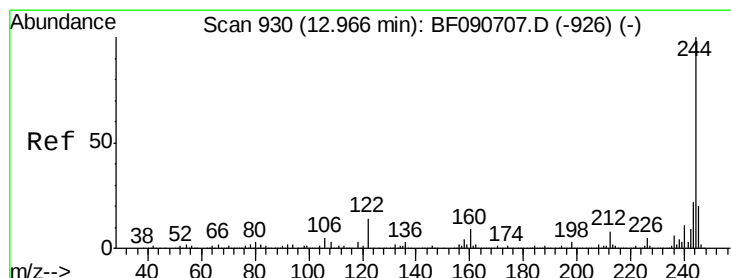
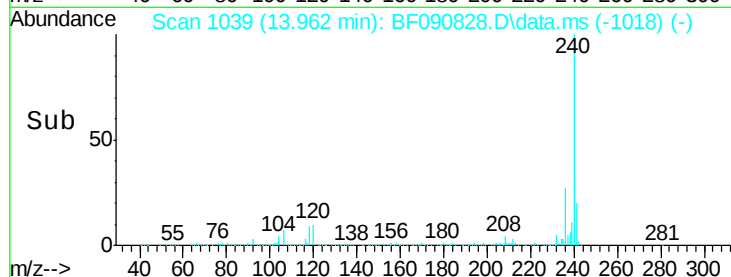
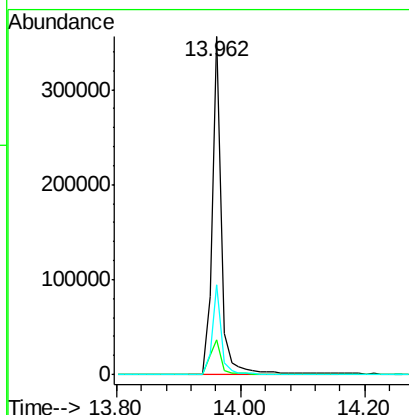
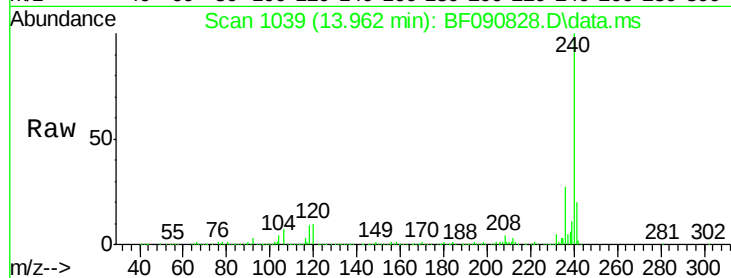
Tot Ion:240 Resp: 365238

Ion Ratio Lower Upper

240 100

120 10.2 16.2 24.2#

236 26.6 18.4 27.6



#78

Terphenyl-d14

Concen: 70.36 ng

RT: 12.911 min Scan# 947

Delta R.T. -0.055 min

Lab File: BF090828.D

Acq: 26 Oct 2016 00:43

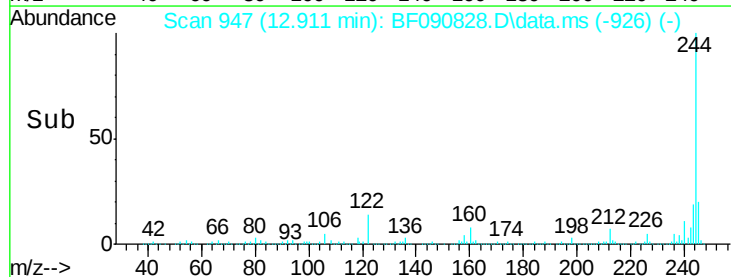
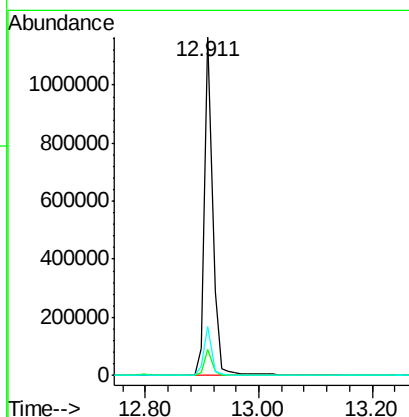
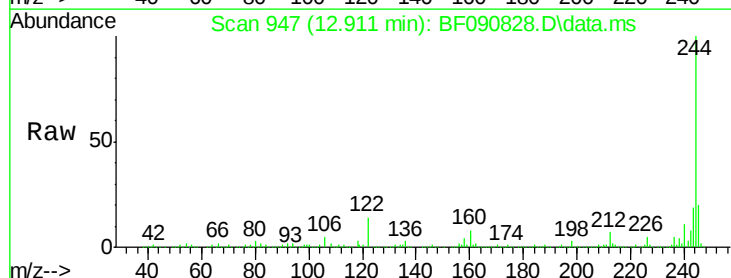
Tgt Ion:244 Resp: 1121213

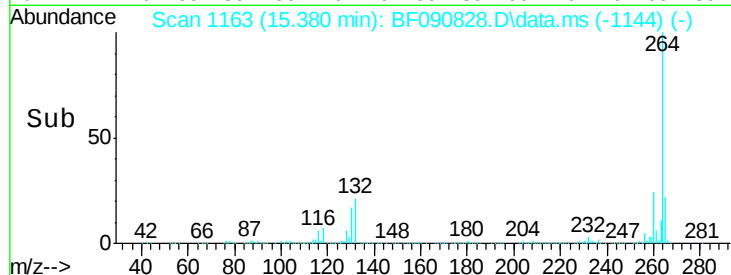
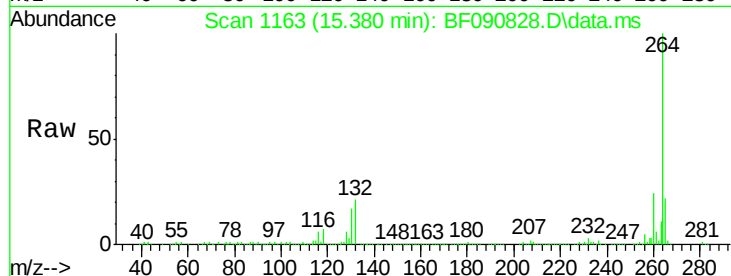
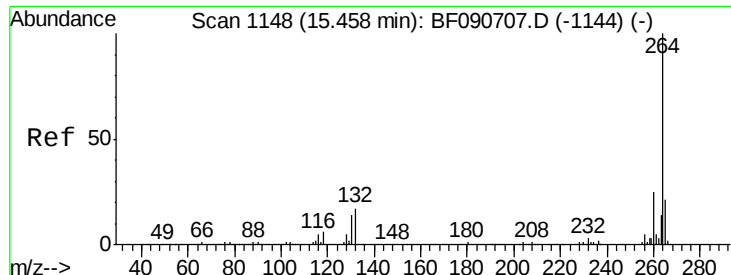
Ion Ratio Lower Upper

244 100

212 7.5 4.3 6.5#

122 14.4 17.4 26.2#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.380 min Scan# 11
 Delta R.T. -0.079 min
 Lab File: BF090828.D
 Acq: 26 Oct 2016 00:43

Instrument :
 BNA_F
 ClientSampleId :
 P4-S1

Tot Ion:	264	Resp:	332015
Ion Ratio	Lower	Upper	
264	100		
260	24.3	16.7	25.1
265	21.9	17.2	25.8

