

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
 Data File : BP001250.D
 Acq On : 07 Dec 2019 13:08
 Operator : JU
 Sample : PB125292TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 09 00:41:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

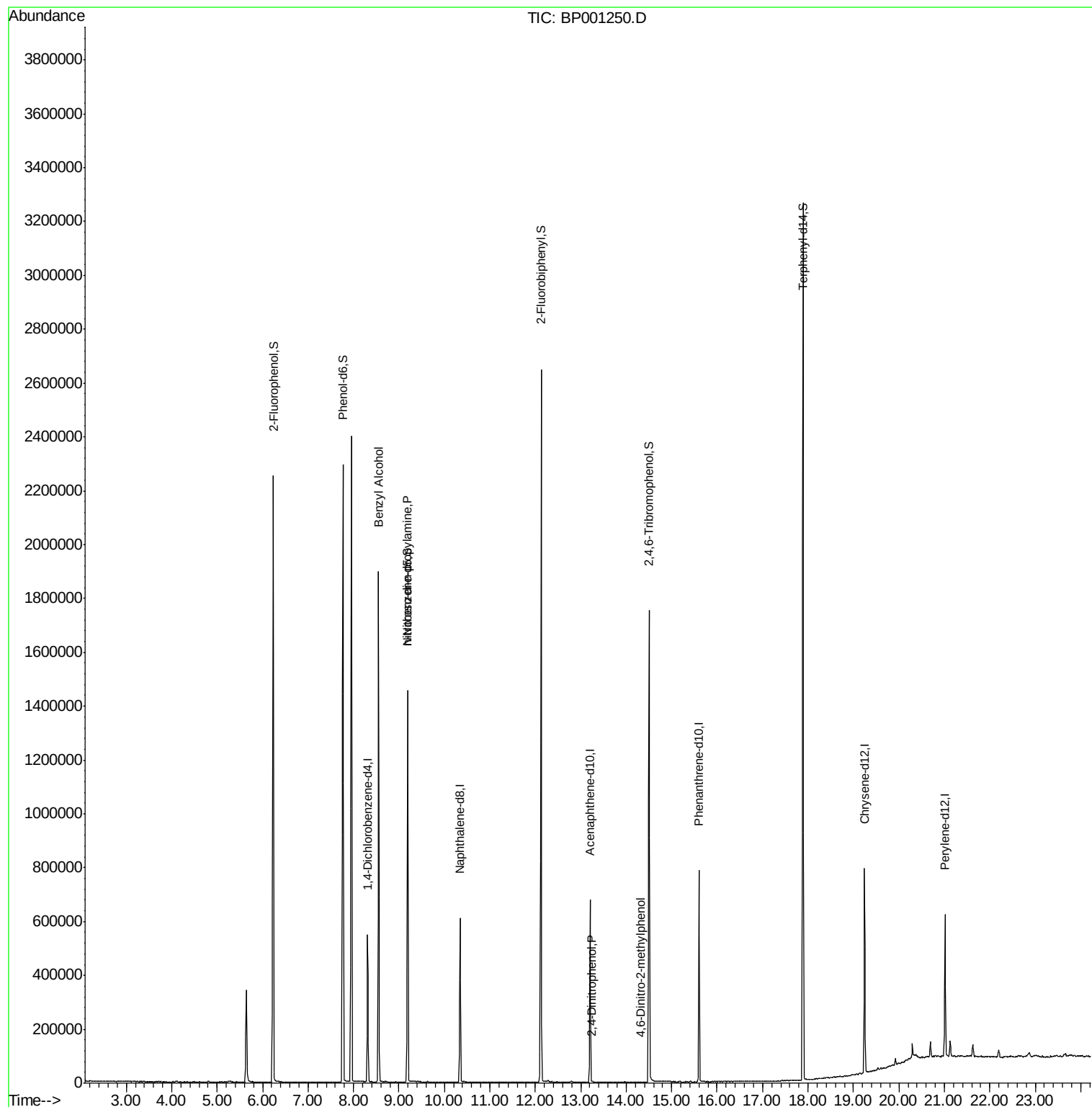
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	89814	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	323973	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	183303	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	345990	20.00	ng	0.00
76) Chrysene-d12	19.25	240	273067	20.00	ng	-0.01
87) Perylene-d12	21.02	264	271669	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	685619	126.65	ng	0.02
7) Phenol-d6	7.77	99	931348	129.14	ng	0.00
23) Nitrobenzene-d5	9.19	82	642264	86.01	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	231937	132.01	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	1076660	85.97	ng	0.00
79) Terphenyl-d14	17.89	244	1314360	89.05	ng	0.00
Target Compounds						
9) Benzaldehyde	7.61	77	118	Below Cal	Qvalue	# 10
15) Benzyl Alcohol	8.55	79	13018	2.199 ng	#	58
19) n-Nitroso-di-n-propylamine	9.19	70	94685	18.194 ng	#	76
54) 2,4-Dinitrophenol	13.24	184	17	7.122 ng	#	87
65) 4,6-Dinitro-2-methylphenol	14.33	198	26	6.292 ng	#	40

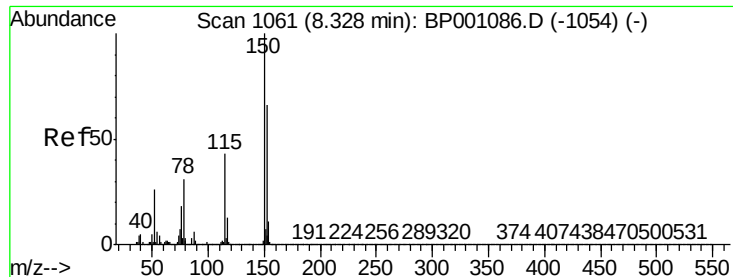
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BP001250.D

Acq: 07 Dec 2019 13:08

Instrument :

BNA_P

ClientSampleId :

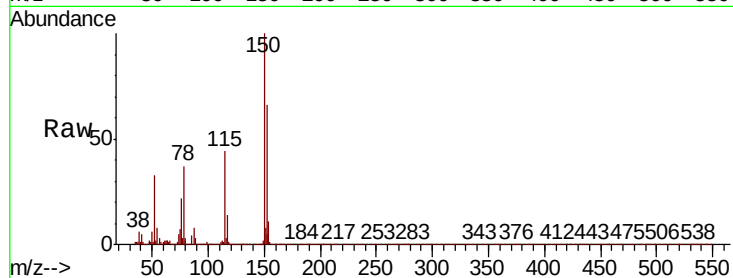
Tot Ion:152 Resp: 89814

Ion Ratio Lower Upper

152 100

150 151.8 127.3 190.9

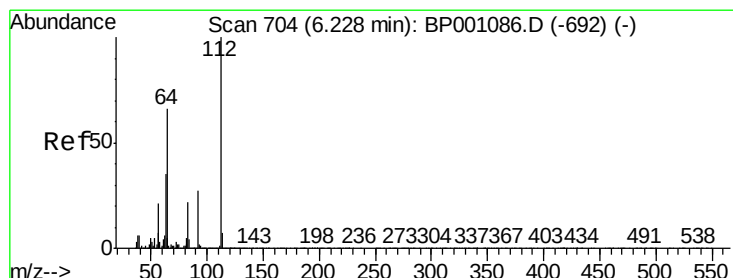
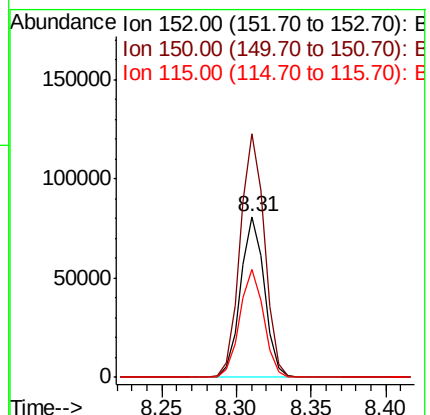
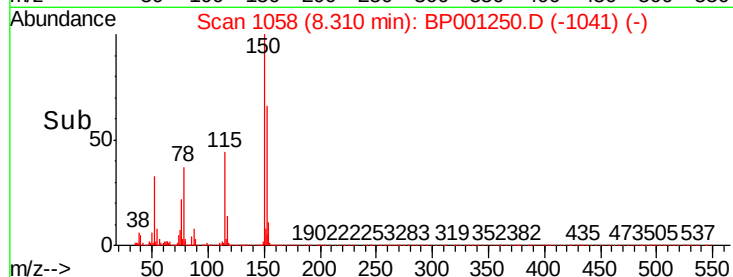
115 67.0 56.0 84.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 126.650 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.02 min

Lab File: BP001250.D

Acq: 07 Dec 2019 13:08

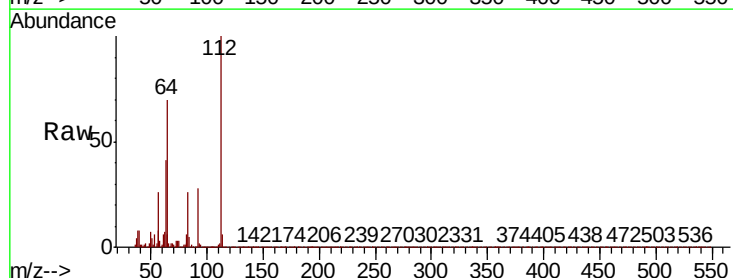
Tgt Ion:112 Resp: 685619

Ion Ratio Lower Upper

112 100

64 69.7 56.8 85.2

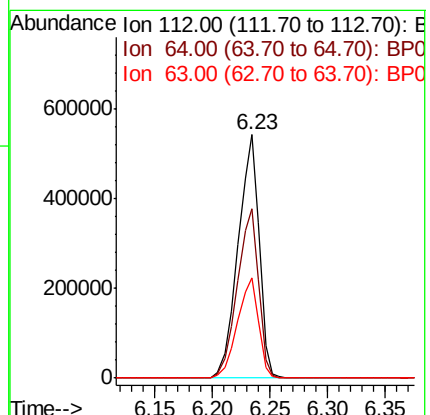
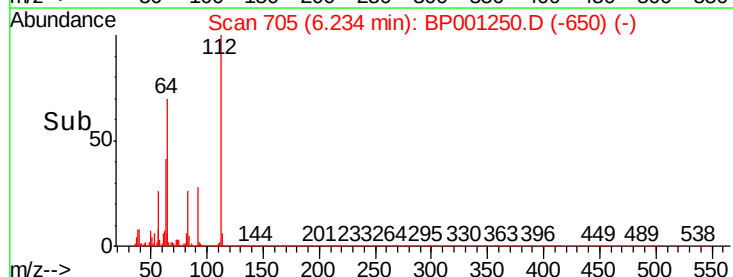
63 41.1 32.2 48.2

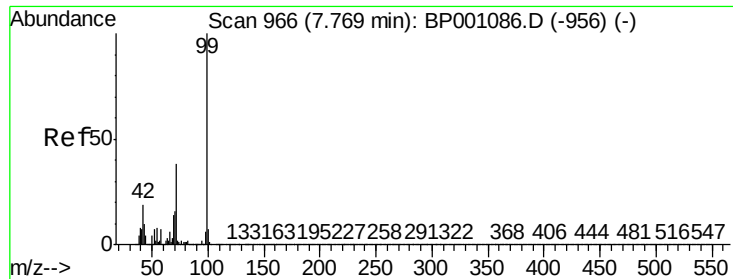


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 129.137 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BP001250.D

Acq: 07 Dec 2019 13:08

Instrument :

BNA_P

ClientSampled :

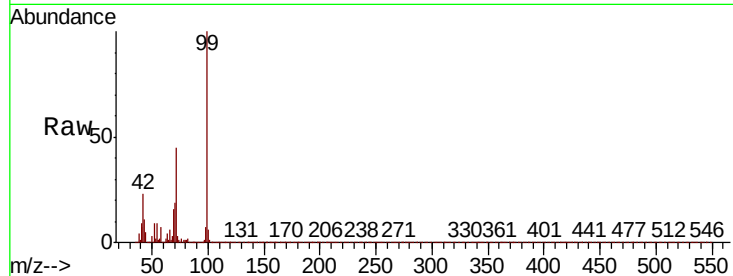
Tot Ion: 99 Resp: 931348

Ion Ratio Lower Upper

99 100

42 22.6 17.6 26.4

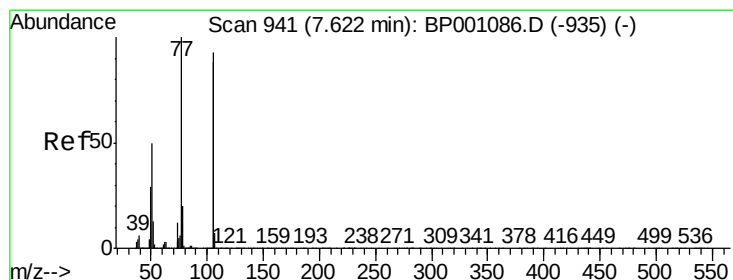
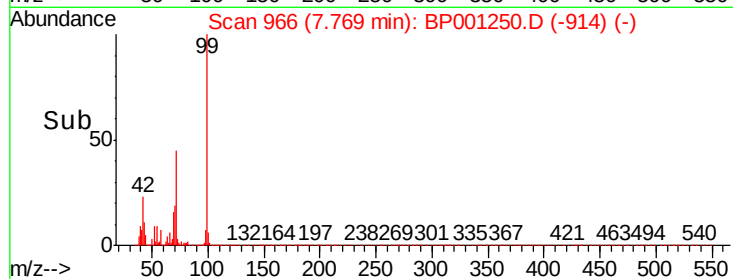
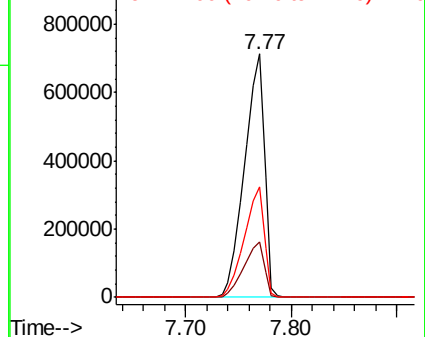
71 45.4 33.8 50.8



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#9

Benzaldehyde

Concen: Below Cal

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BP001250.D

Acq: 07 Dec 2019 13:08

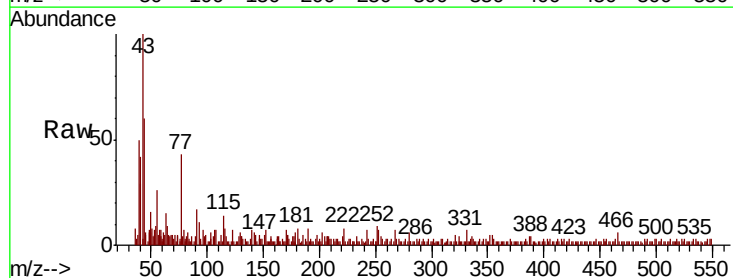
Tgt Ion: 77 Resp: 118

Ion Ratio Lower Upper

77 100

105 9.7 69.7 109.7#

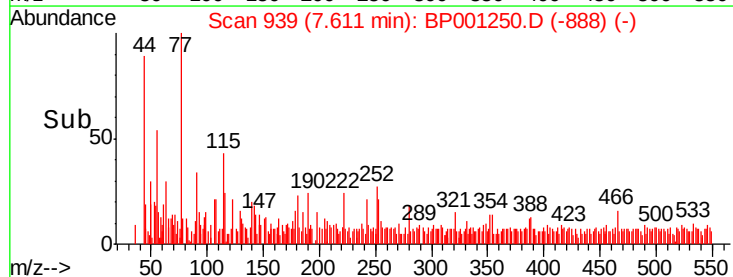
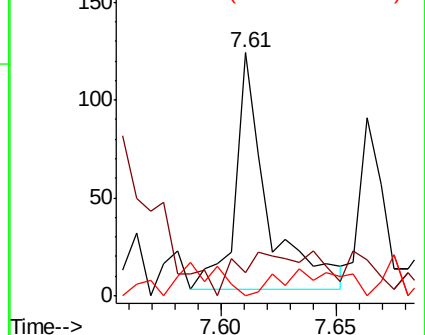
106 0.0 67.1 107.1#

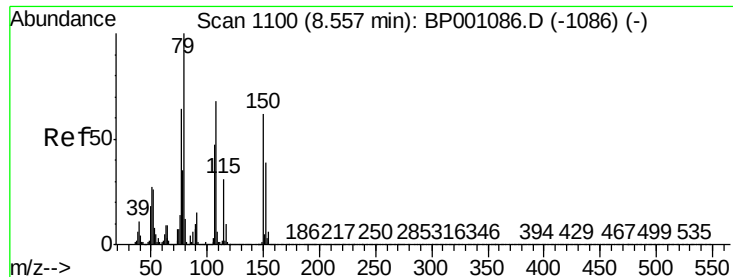


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

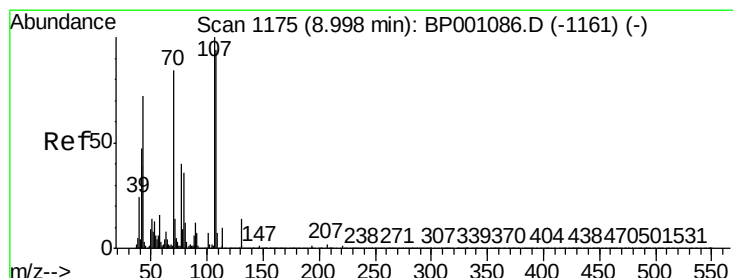
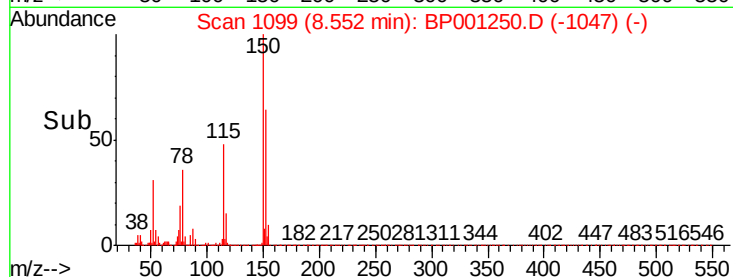
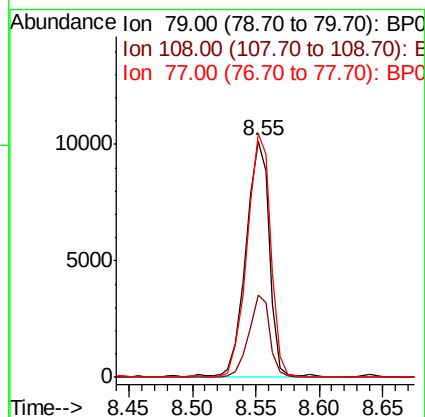
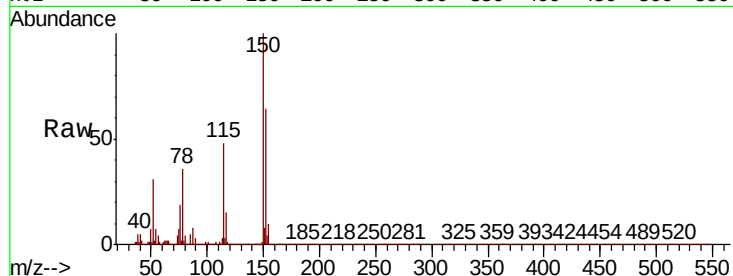




#15
Benzyl Alcohol
Concen: 2.199 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BP001250.D
Acq: 07 Dec 2019 13:08

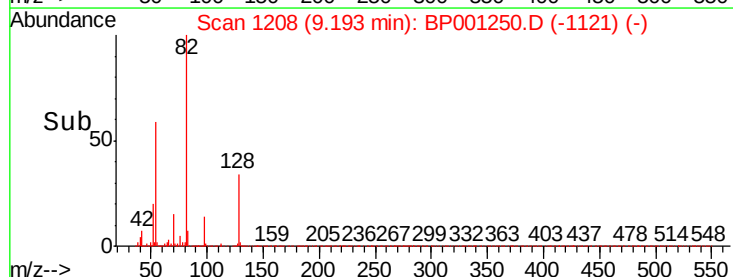
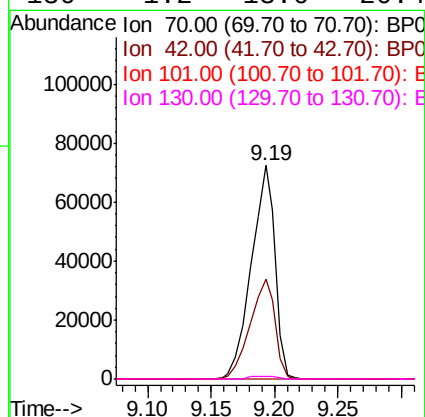
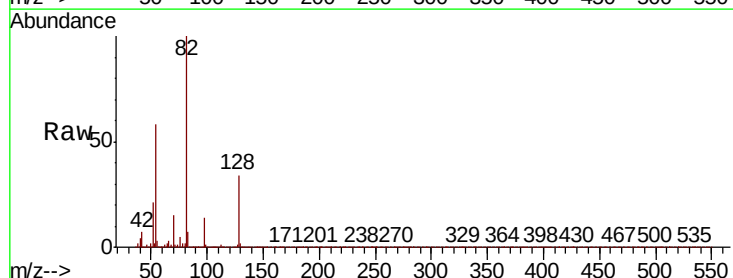
Instrument :
BNA_P
ClientSampled :

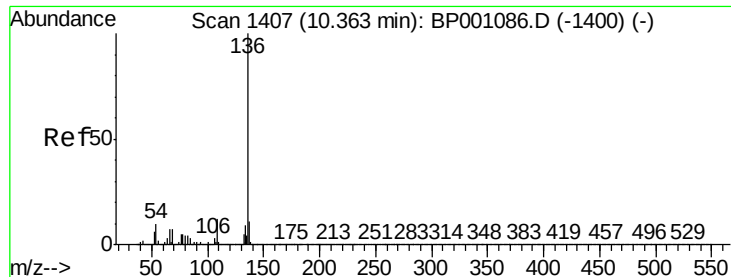
Tot Ion	Ratio	Lower	Upper
79	100		
108	34.6	51.6	77.4#
77	103.0	53.5	80.3#



#19
n-Nitroso-di-n-propylamine
Concen: 18.194 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.21 min
Lab File: BP001250.D
Acq: 07 Dec 2019 13:08

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.1	50.6	76.0#
101	0.0	7.1	10.7#
130	1.2	13.6	20.4#

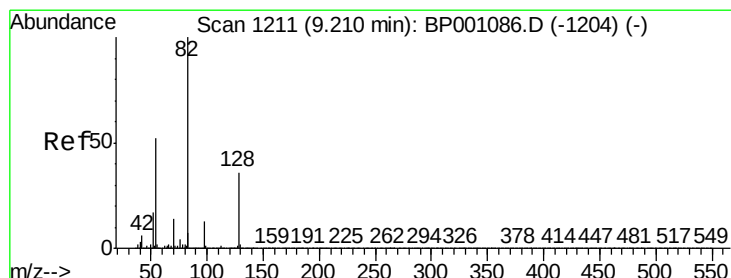
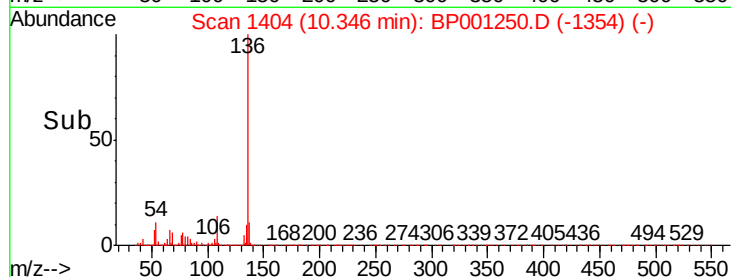
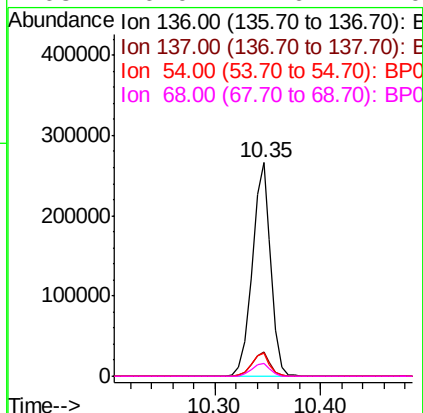
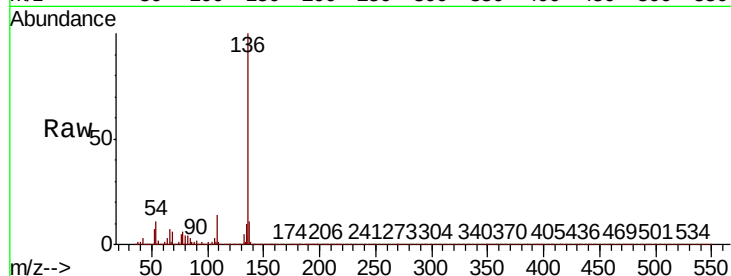




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001250.D
Acq: 07 Dec 2019 13:08

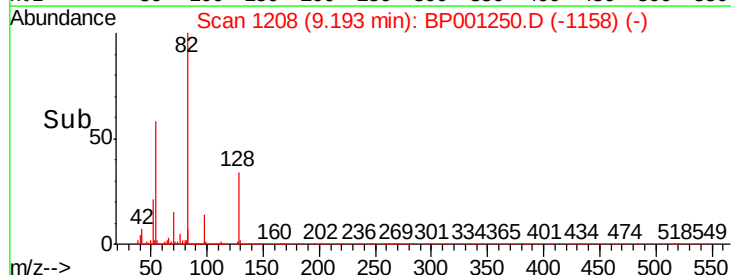
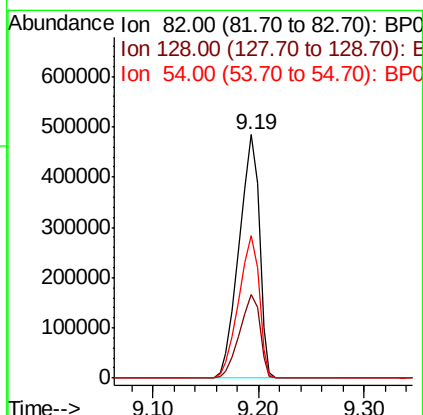
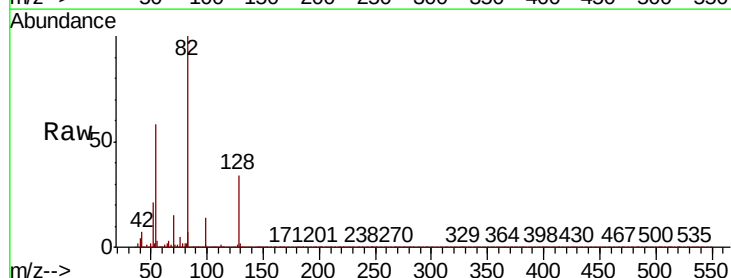
Instrument :
BNA_P
ClientSampleId :

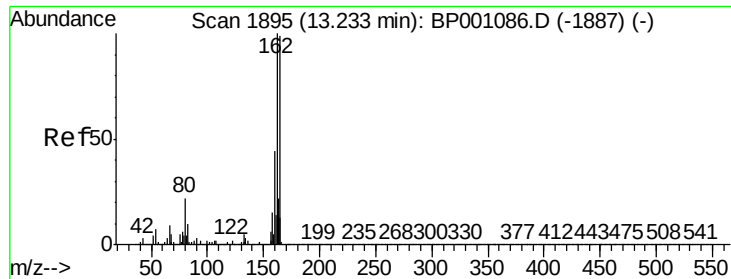
Tot Ion:136	Resp:	323973
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.4	12.6
54 10.7	7.4	11.0
68 6.0	4.6	7.0



#23
Nitrobenzene-d5
Concen: 86.011 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001250.D
Acq: 07 Dec 2019 13:08

Tgt	Ion: 82	Resp:	642264
Ion	Ratio	Lower	Upper
82	100		
128	34.2	27.5	41.3
54	58.5	45.7	68.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BP001250.D

Acq: 07 Dec 2019 13:08

Instrument :

BNA_P

ClientSampleId :

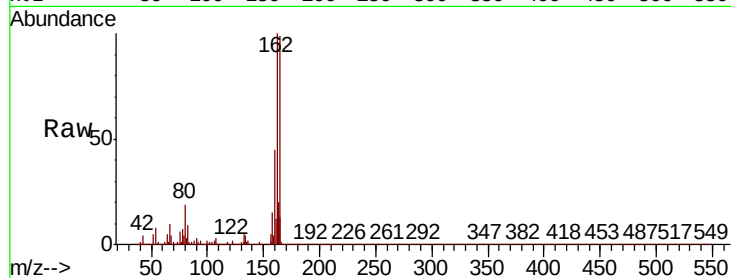
Tot Ion:164 Resp: 183303

Ion Ratio Lower Upper

164 100

162 100.9 80.7 121.1

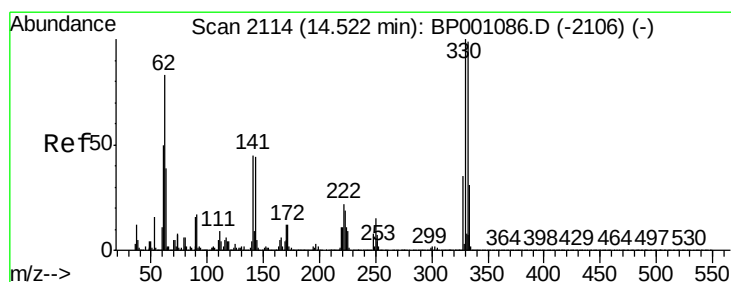
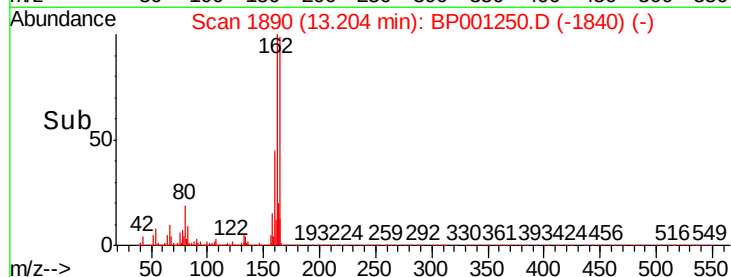
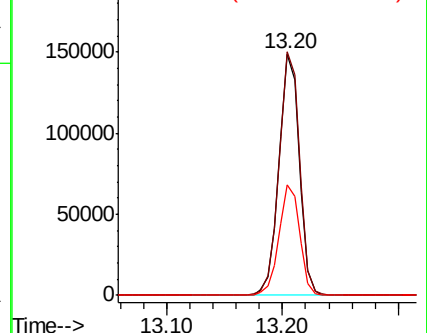
160 45.6 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 132.010 ng

RT: 14.50 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BP001250.D

Acq: 07 Dec 2019 13:08

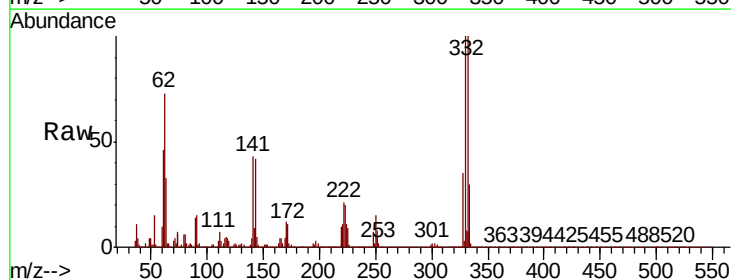
Tgt Ion:330 Resp: 231937

Ion Ratio Lower Upper

330 100

332 99.1 79.1 118.7

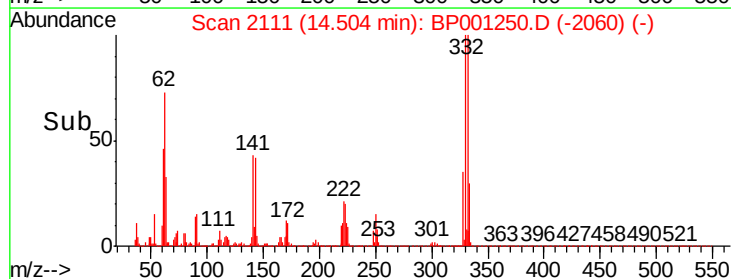
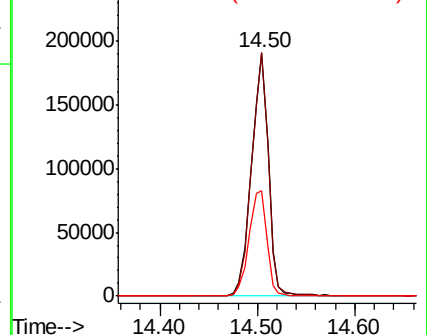
141 46.2 35.9 53.9

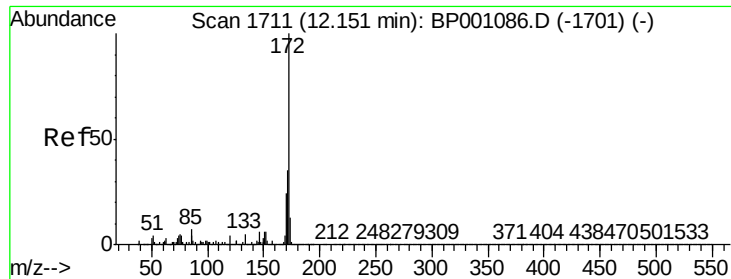


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

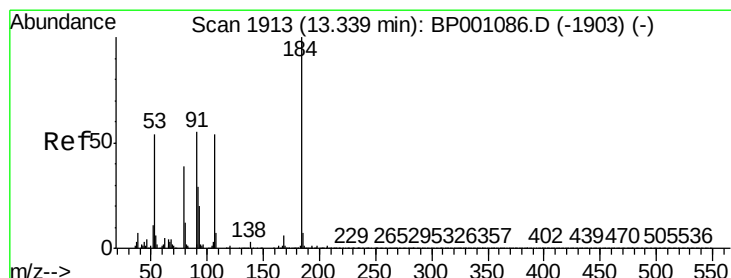
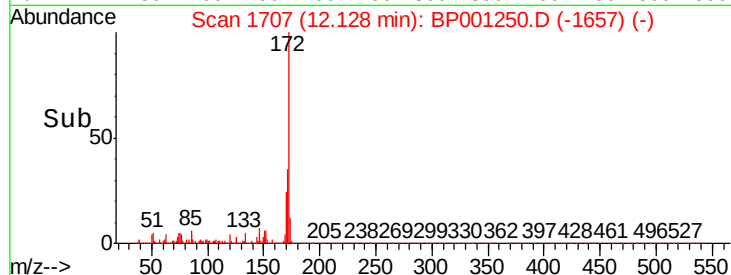
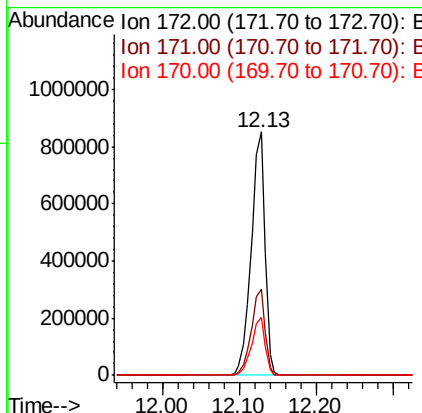
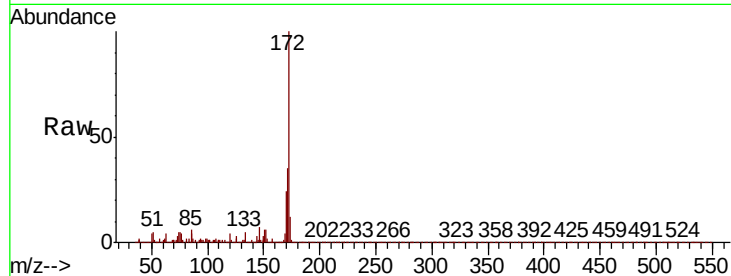




#45
2-Fluorobiphenyl
Concen: 85.965 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001250.D
Acq: 07 Dec 2019 13:08

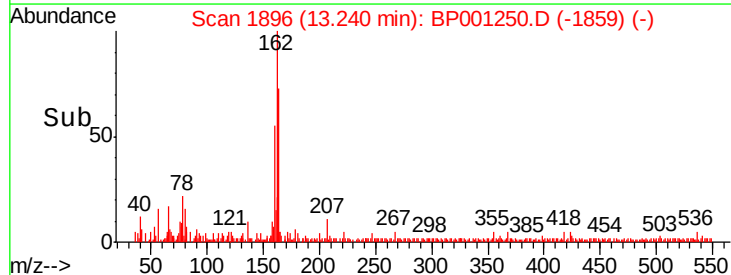
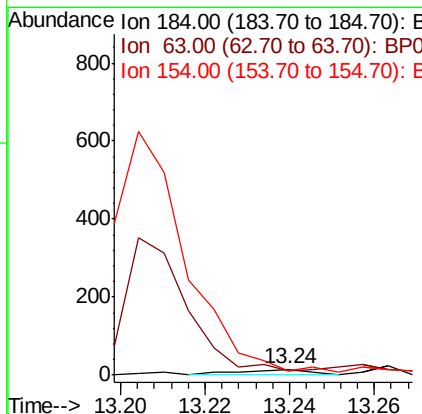
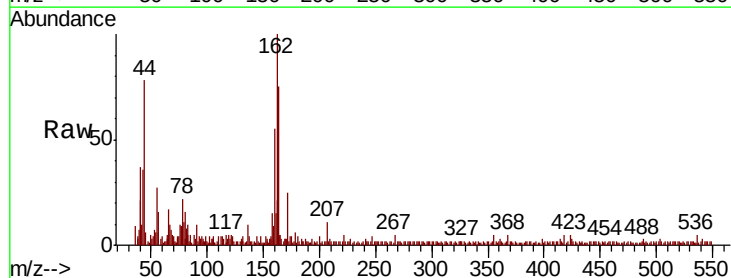
Instrument :
BNA_P
ClientSampled :

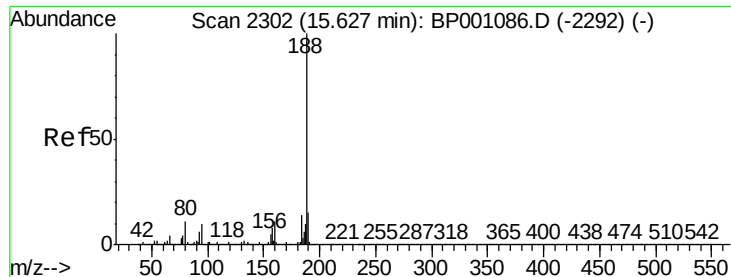
Tot Ion:172 Resp: 1076660
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 23.8 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.122 ng
RT: 13.24 min Scan# 1896
Delta R.T. -0.08 min
Lab File: BP001250.D
Acq: 07 Dec 2019 13:08

Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 71.4 69.4 104.0
154 78.6 57.4 86.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BP001250.D

Acq: 07 Dec 2019 13:08

Instrument :

BNA_P

ClientSampleId :

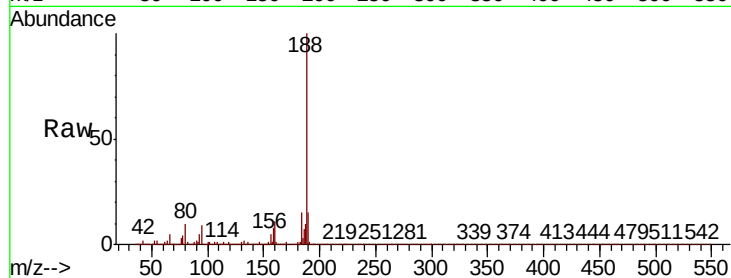
Tot Ion:188 Resp: 345990

Ion Ratio Lower Upper

188 100

94 9.0 7.1 10.7

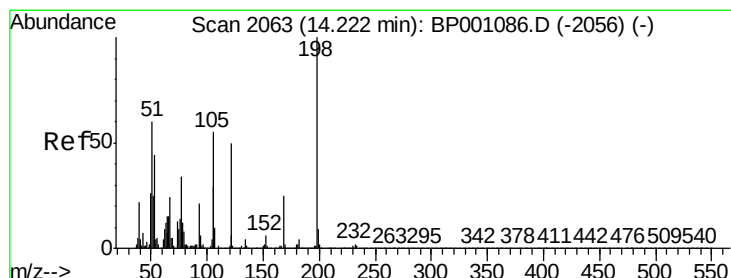
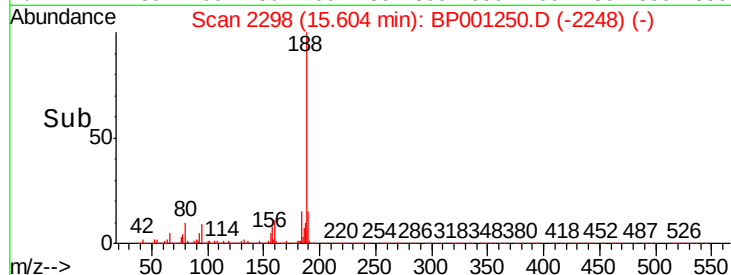
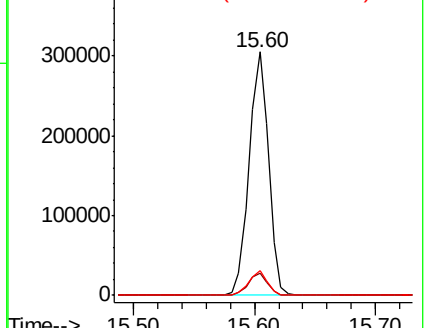
80 10.1 7.8 11.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#65

4,6-Dinitro-2-methylphenol

Concen: 6.292 ng

RT: 14.33 min Scan# 2081

Delta R.T. 0.12 min

Lab File: BP001250.D

Acq: 07 Dec 2019 13:08

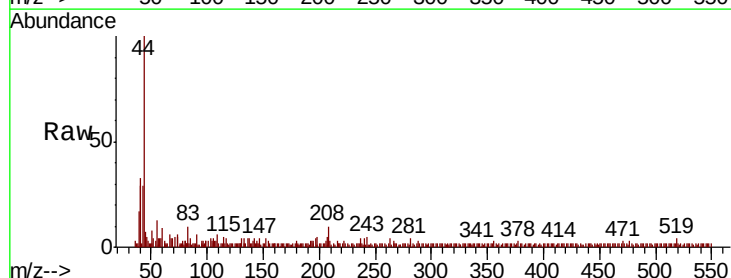
Tgt Ion:198 Resp: 26

Ion Ratio Lower Upper

198 100

51 126.7 36.2 76.2#

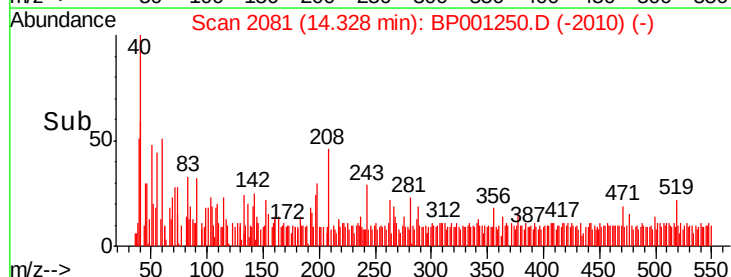
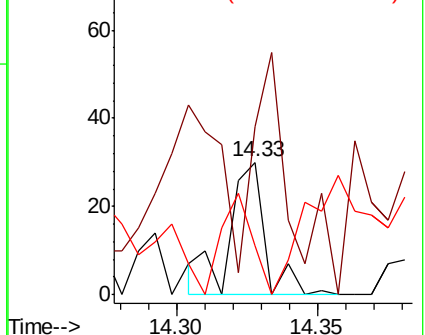
105 36.7 30.2 70.2

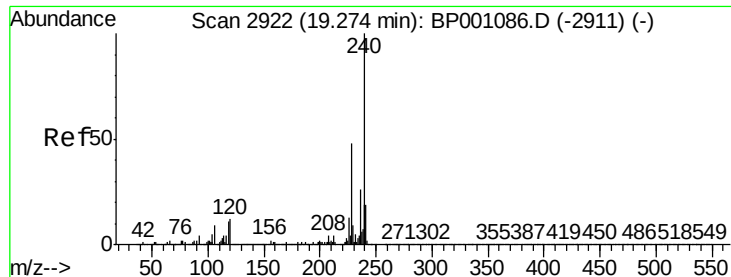


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

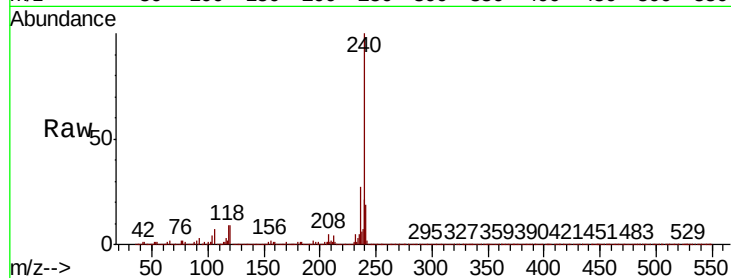




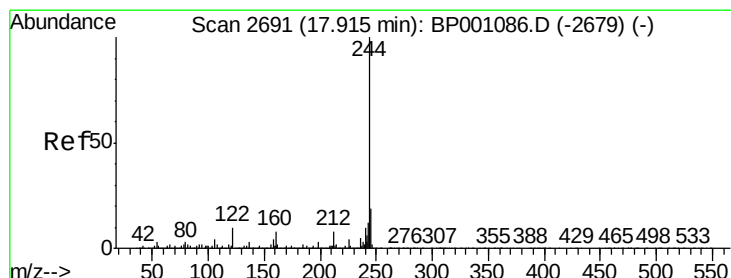
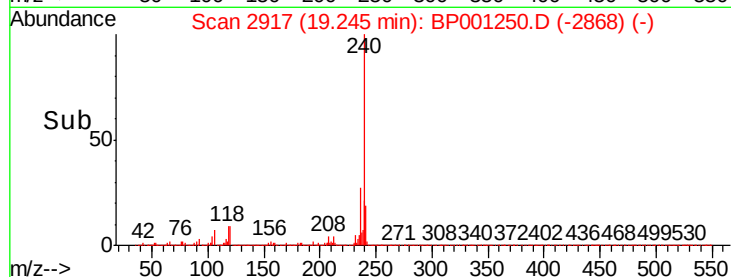
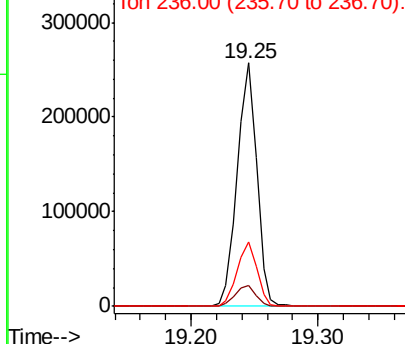
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BP001250.D
Acq: 07 Dec 2019 13:08

Instrument :
BNA_P
ClientSampleId :

Tot Ion:240 Resp: 273067
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 26.6 21.7 32.5

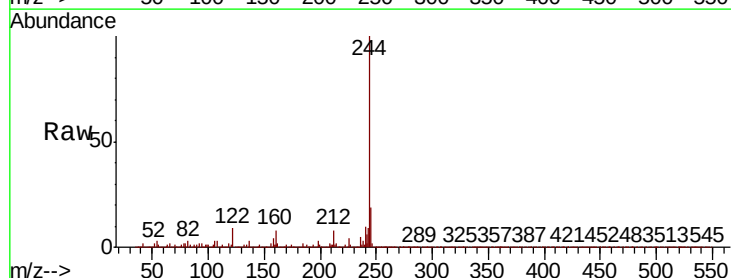


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

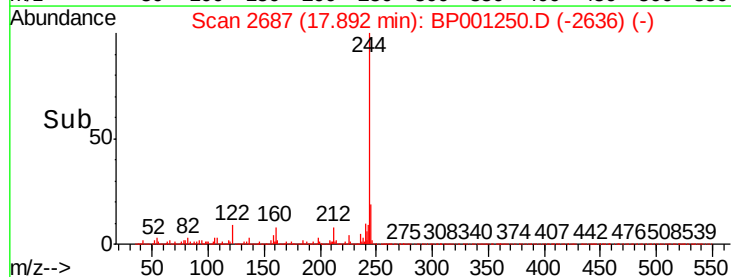
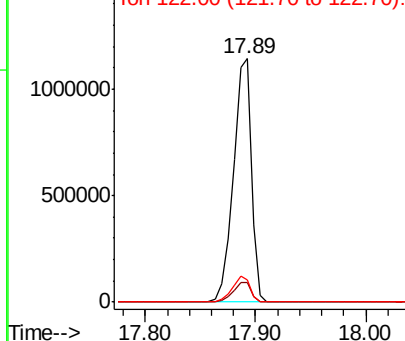


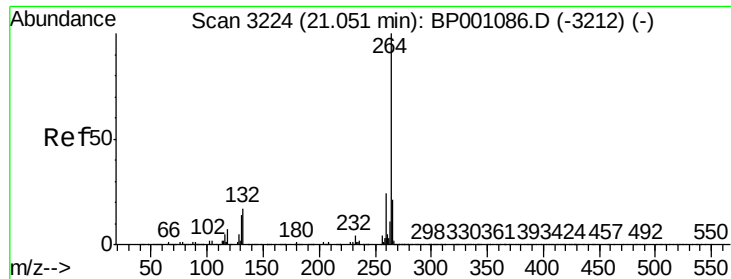
#79
Terphenyl-d14
Concen: 89.051 ng
RT: 17.89 min Scan# 2687
Delta R.T. 0.00 min
Lab File: BP001250.D
Acq: 07 Dec 2019 13:08

Tgt Ion:244 Resp: 1314360
Ion Ratio Lower Upper
244 100
212 8.1 6.6 9.8
122 9.2 9.2 13.8#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BP001250.D
Acq: 07 Dec 2019 13:08

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.4	17.1	25.7

