

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
 Data File : BP001251.D
 Acq On : 07 Dec 2019 13:38
 Operator : JU
 Sample : K6113-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 09 00:41:26 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

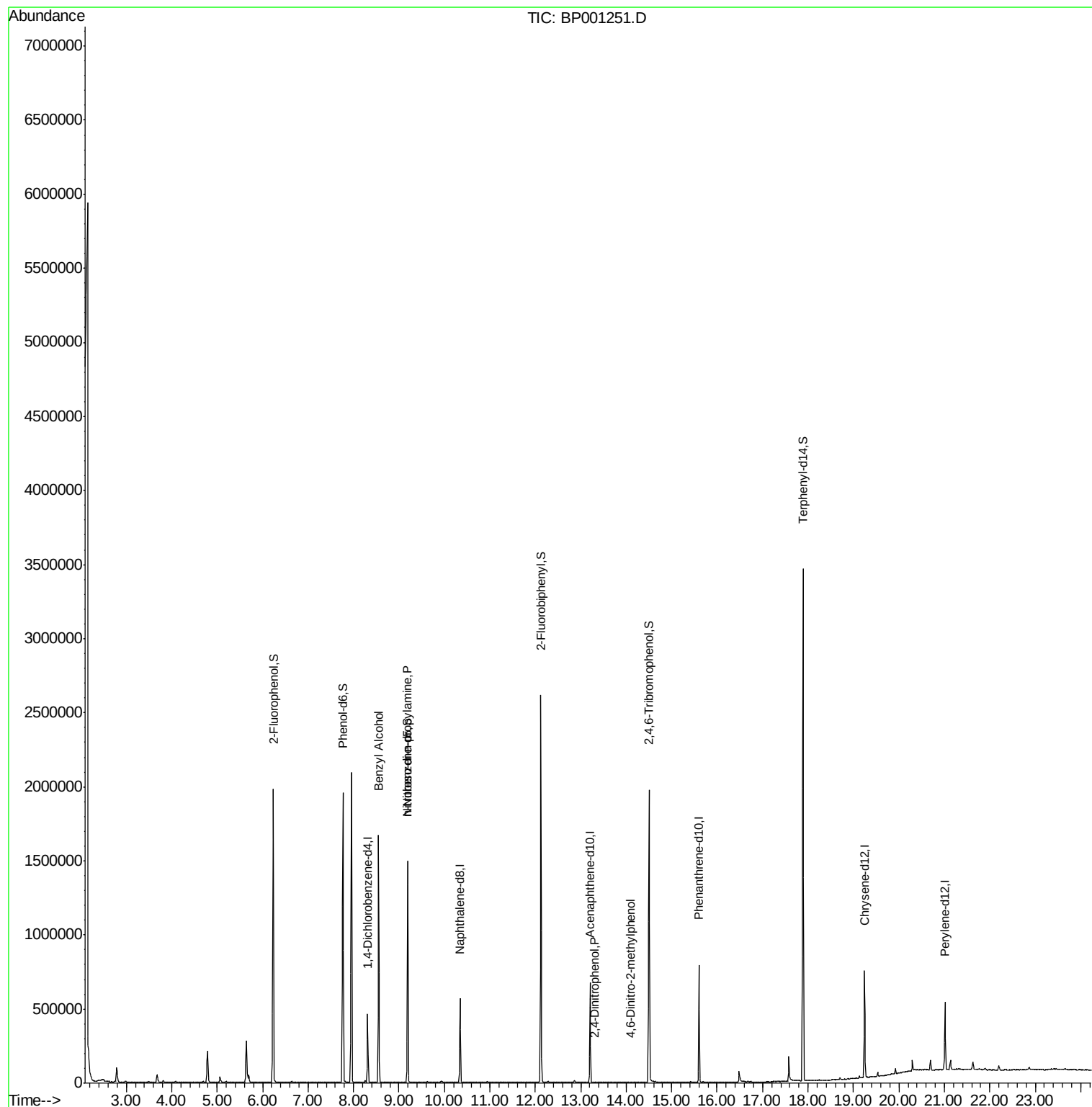
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	78858	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	287994	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	165205	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	336956	20.00	ng	0.00
76) Chrysene-d12	19.25	240	261421	20.00	ng	-0.01
87) Perylene-d12	21.02	264	216491	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	596186	125.43	ng	0.02
7) Phenol-d6	7.77	99	762611	120.43	ng	0.00
23) Nitrobenzene-d5	9.19	82	615881	92.78	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	259224	163.70	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1012406	89.69	ng	-0.01
79) Terphenyl-d14	17.89	244	1385309	98.04	ng	0.00
Target Compounds						
9) Benzaldehyde	7.61	77	447	Below Cal	#	56
15) Benzyl Alcohol	8.55	79	11702	2.251 ng	#	59
19) n-Nitroso-di-n-propylamine	9.19	70	90705	19.851 ng	#	77
54) 2,4-Dinitrophenol	13.30	184	19	7.125 ng	#	24
65) 4,6-Dinitro-2-methylphenol	14.09	198	22	6.290 ng	#	1

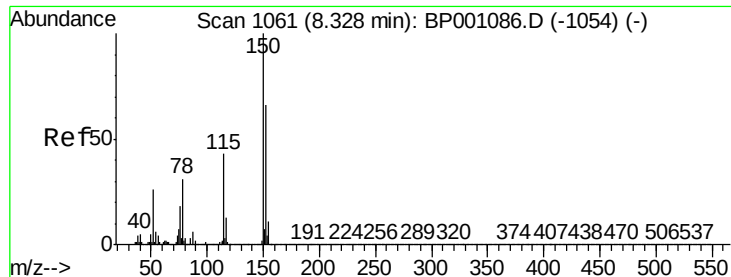
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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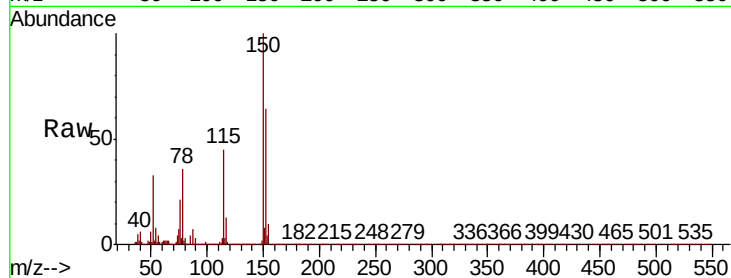




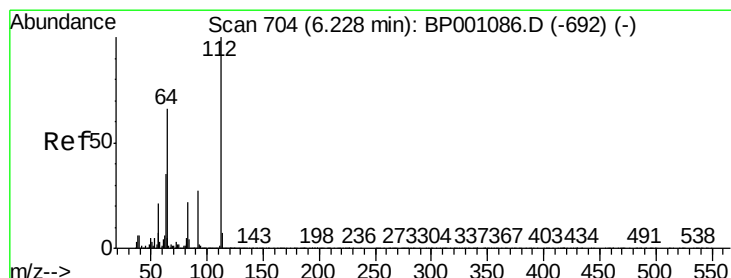
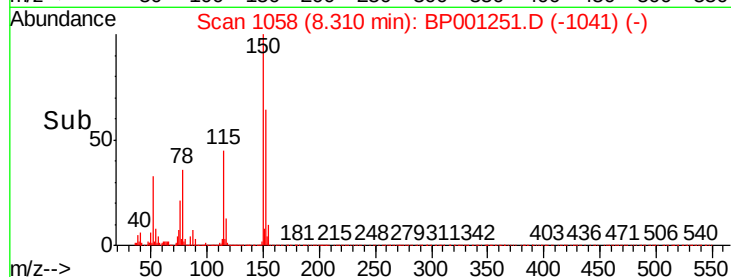
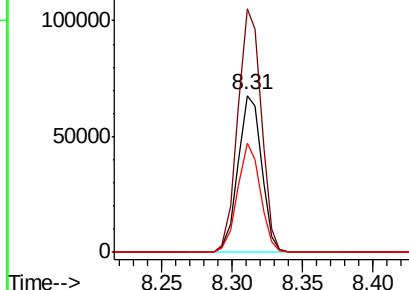
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BP001251.D
 Acq: 07 Dec 2019 13:38

Instrument :
 BNA_P
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	127.3	190.9
115	69.9	56.0	84.0

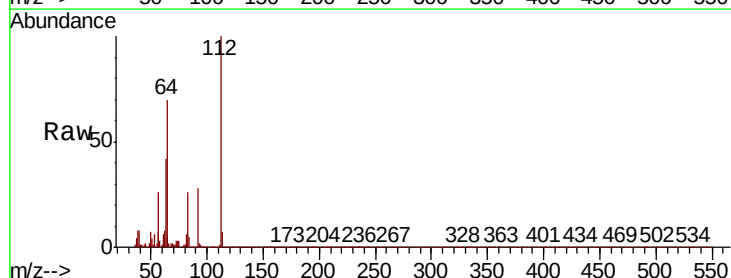


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

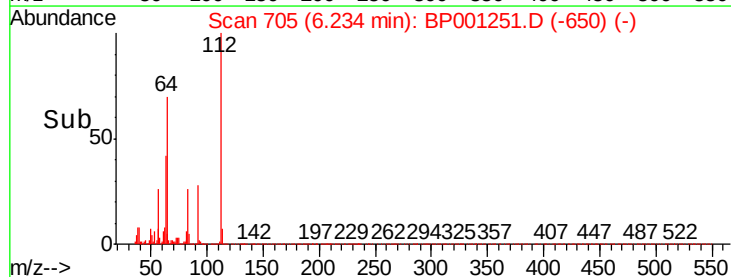
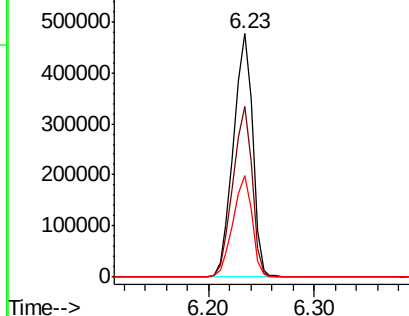


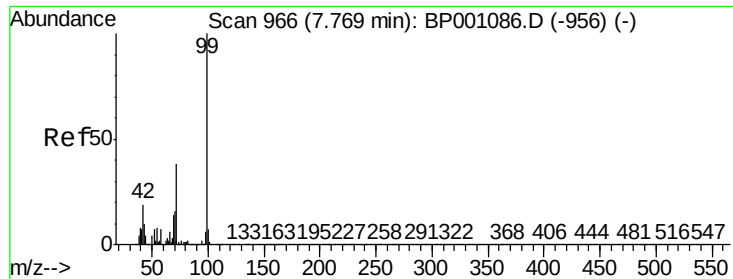
#5
 2-Fluorophenol
 Concen: 125.431 ng
 RT: 6.23 min Scan# 705
 Delta R.T. 0.02 min
 Lab File: BP001251.D
 Acq: 07 Dec 2019 13:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	56.8	85.2
63	41.5	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: 120.432 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BP001251.D

Acq: 07 Dec 2019 13:38

Instrument :

BNA_P

ClientSampleId :

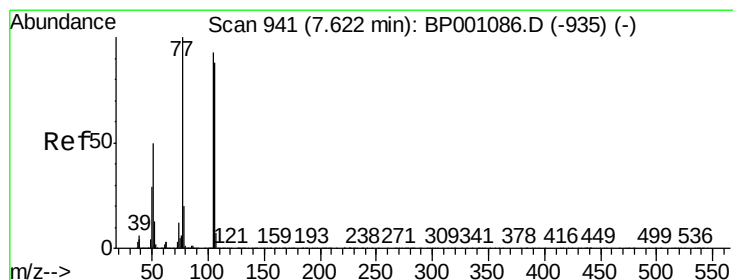
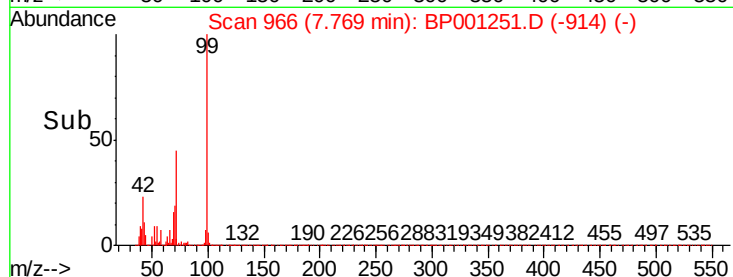
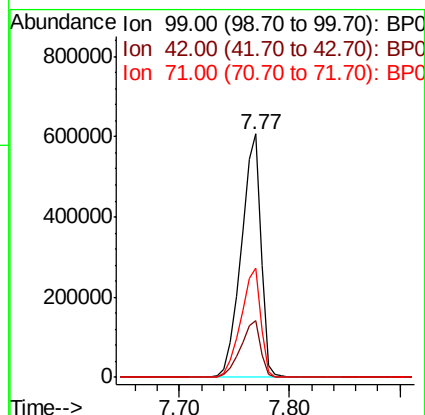
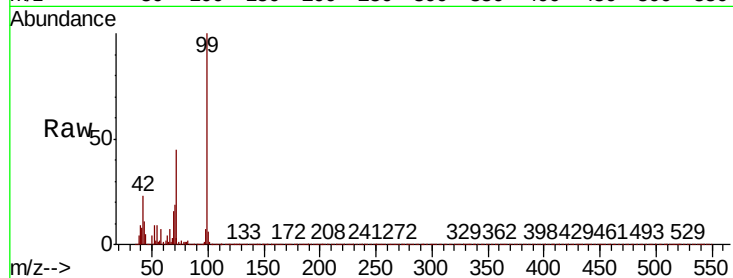
Tot Ion: 99 Resp: 762611

Ion Ratio Lower Upper

99 100

42 23.2 17.6 26.4

71 45.0 33.8 50.8



#9

Benzaldehyde

Concen: Below Cal

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BP001251.D

Acq: 07 Dec 2019 13:38

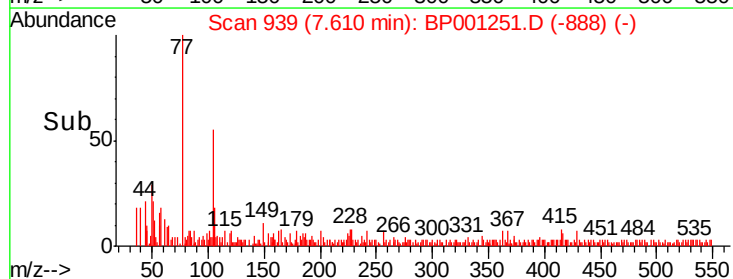
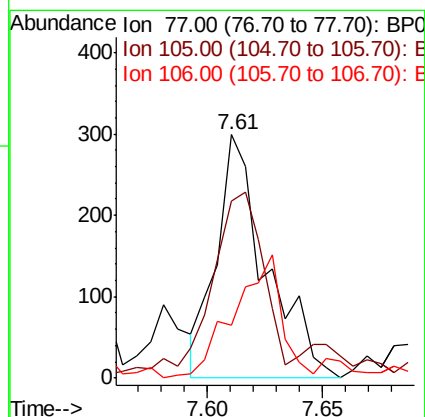
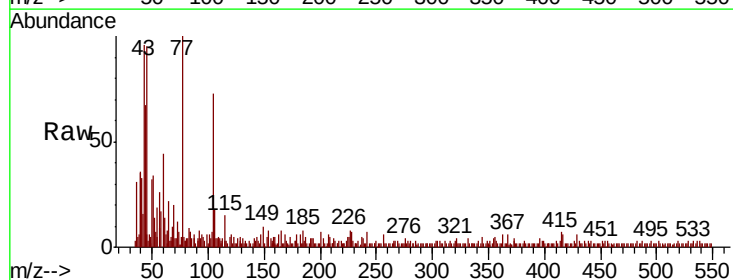
Tgt Ion: 77 Resp: 447

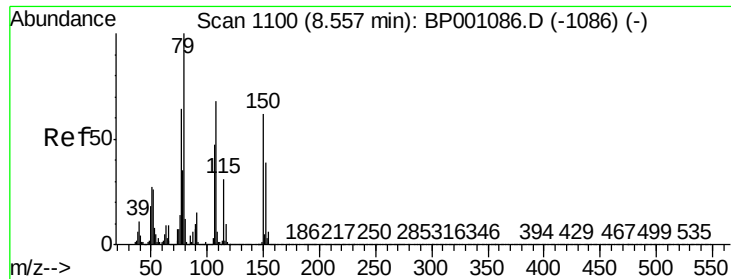
Ion Ratio Lower Upper

77 100

105 72.6 69.7 109.7

106 21.7 67.1 107.1#

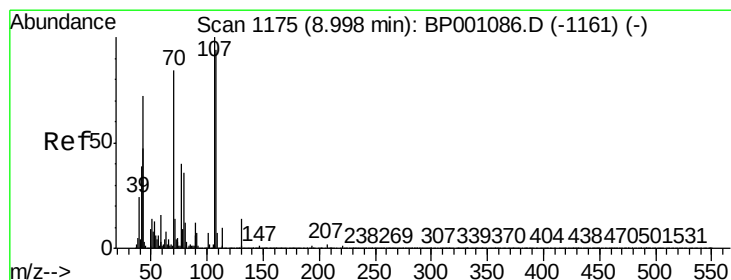
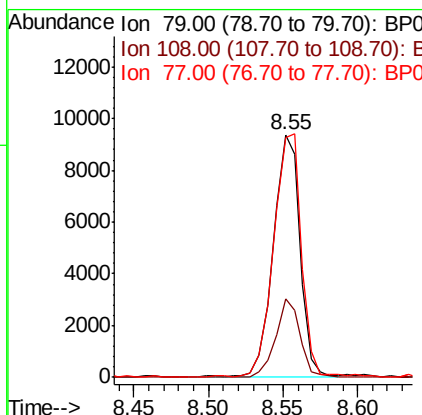
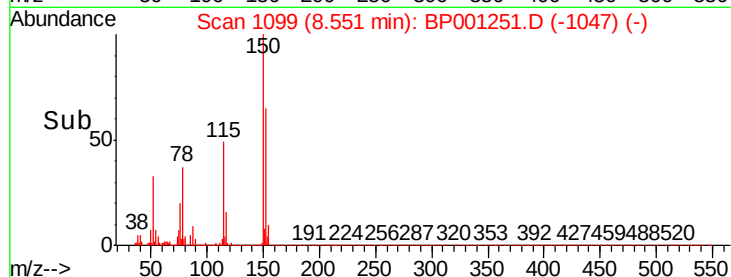
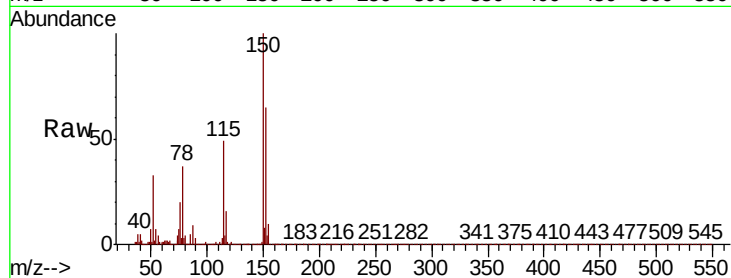




#15
Benzyl Alcohol
Concen: 2.251 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BP001251.D
Acq: 07 Dec 2019 13:38

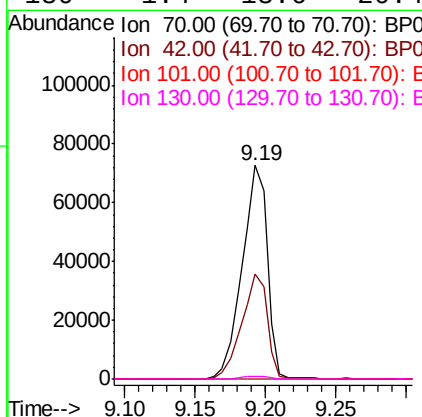
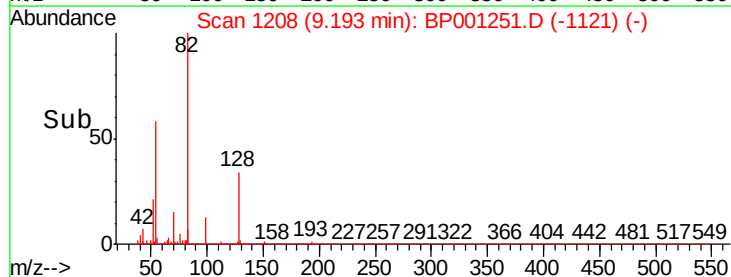
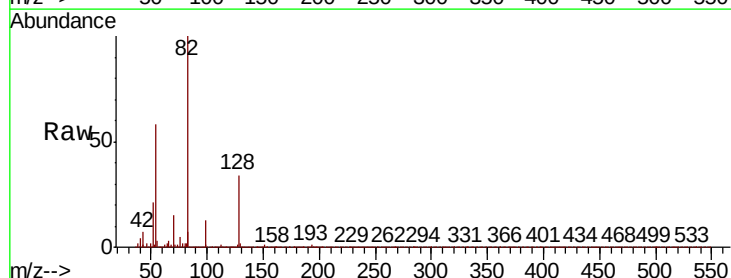
Instrument :
BNA_P
ClientSampleId :

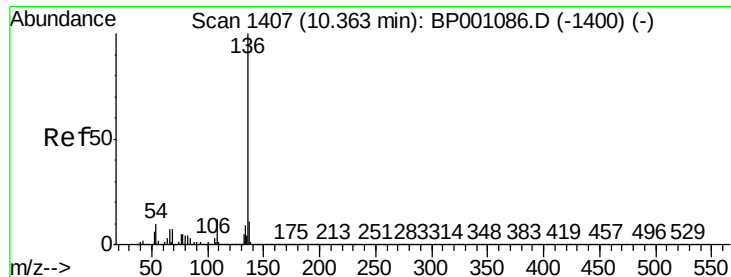
Tot Ion	Ratio	Lower	Upper
79	100		
108	32.5	51.6	77.4#
77	99.1	53.5	80.3#



#19
n-Nitroso-di-n-propylamine
Concen: 19.851 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.21 min
Lab File: BP001251.D
Acq: 07 Dec 2019 13:38

Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.9	50.6	76.0#
101	0.0	7.1	10.7#
130	1.4	13.6	20.4#

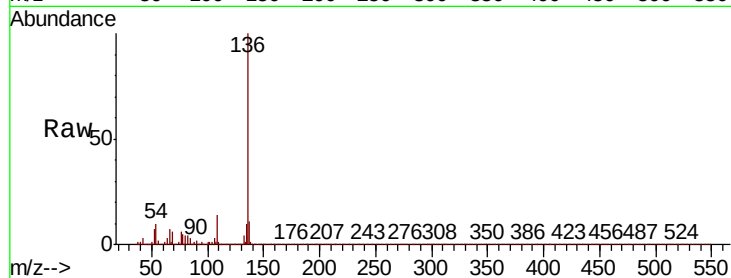




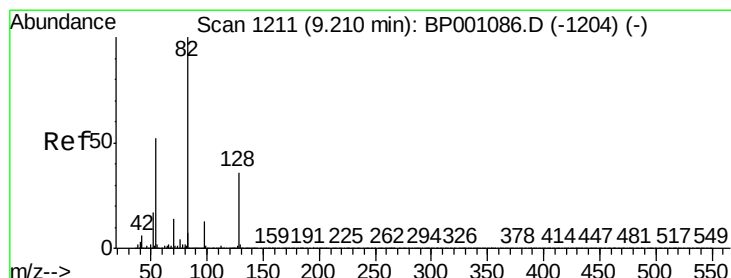
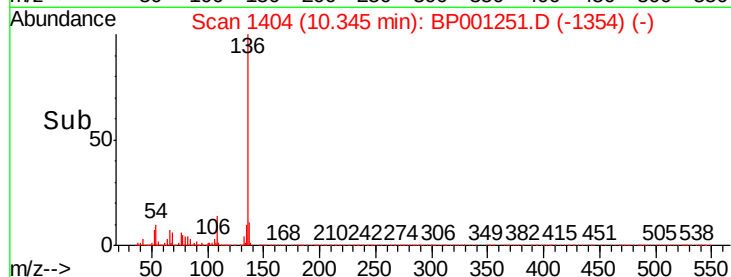
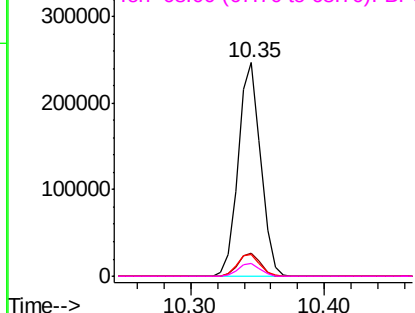
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001251.D
Acq: 07 Dec 2019 13:38

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	287994	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.4	12.6	
54 10.2	7.4	11.0	
68 6.0	4.6	7.0	

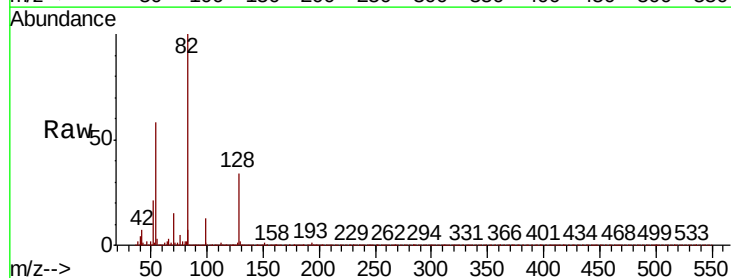


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

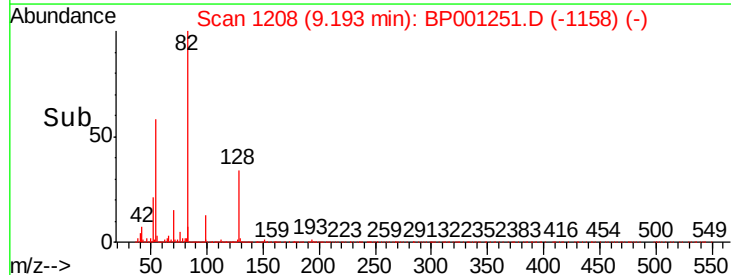
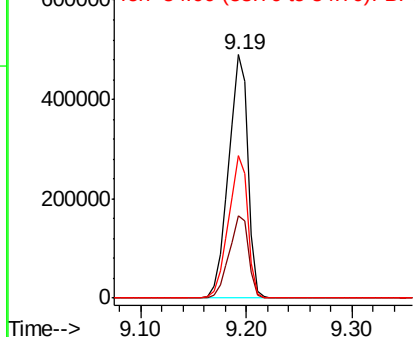


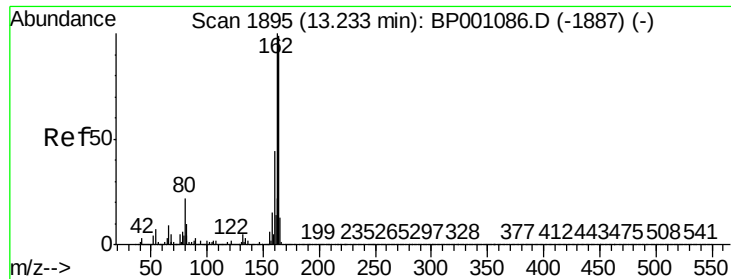
#23
Nitrobenzene-d5
Concen: 92.781 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001251.D
Acq: 07 Dec 2019 13:38

Tgt Ion: 82	Resp: 615881
Ion Ratio	Lower Upper
82 100	
128 33.9	27.5 41.3
54 58.4	45.7 68.5



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BP001251.D

Acq: 07 Dec 2019 13:38

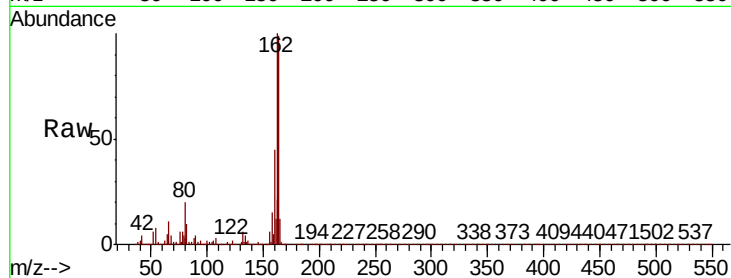
Instrument :

BNA_P

ClientSampleId :

Tot Ion:164 Resp: 165205

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.7	121.1
160	45.5	36.3	54.5



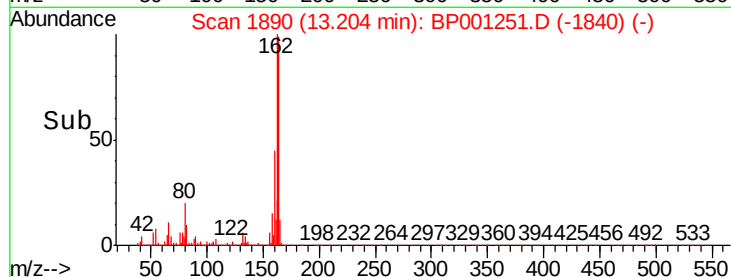
Abundance

Ion 164.00 (163.70 to 164.70): E

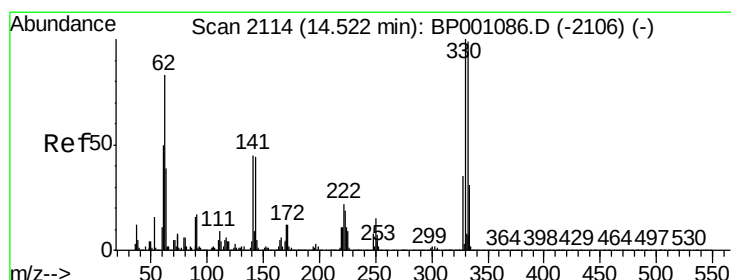
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

13.20



Time--> 13.10 13.20 13.30



#42

2,4,6-Tribromophenol

Concen: 163.704 ng

RT: 14.50 min Scan# 2111

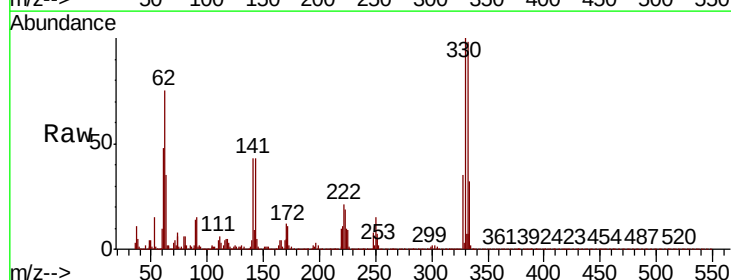
Delta R.T. -0.00 min

Lab File: BP001251.D

Acq: 07 Dec 2019 13:38

Tgt Ion:330 Resp: 259224

Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.1	118.7
141	44.8	35.9	53.9



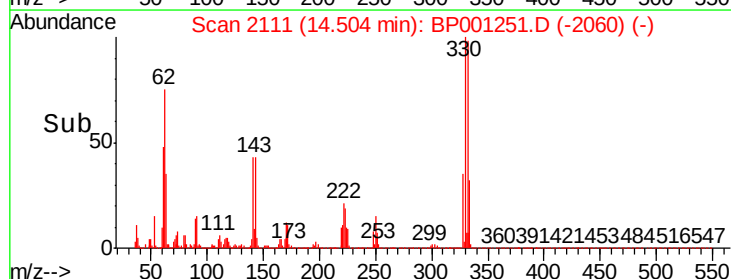
Abundance

Ion 329.80 (329.50 to 330.50): E

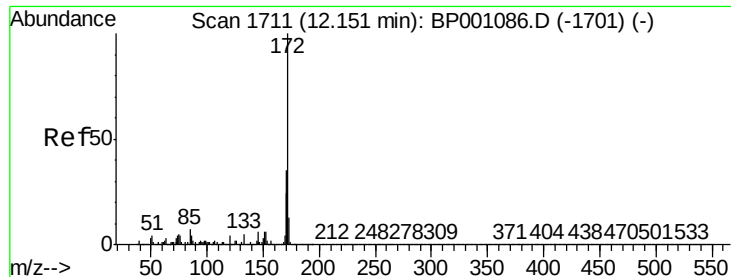
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

14.50



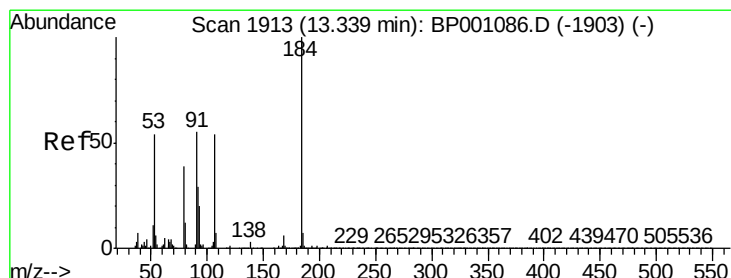
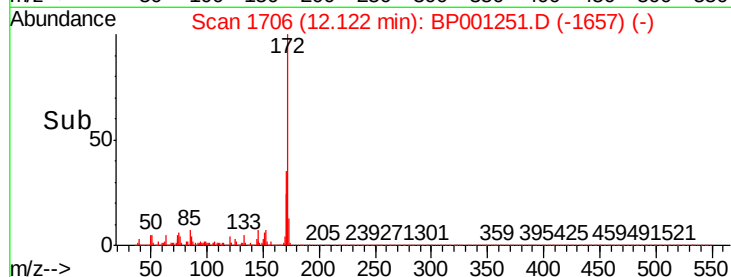
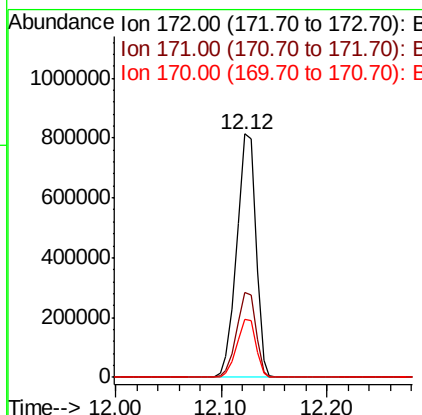
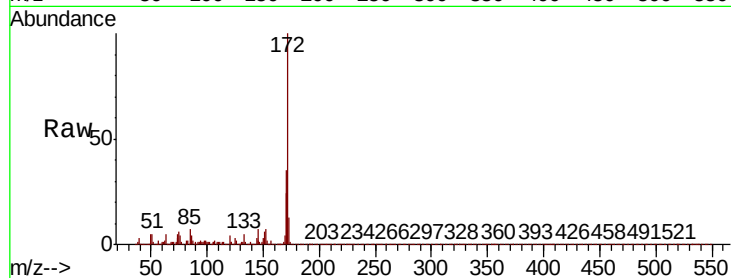
Time--> 14.40 14.50 14.60



#45
2-Fluorobiphenyl
Concen: 89.690 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001251.D
Acq: 07 Dec 2019 13:38

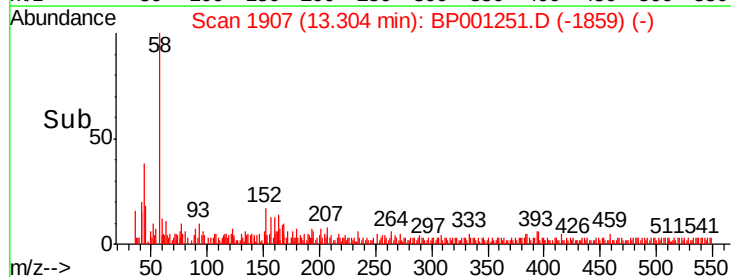
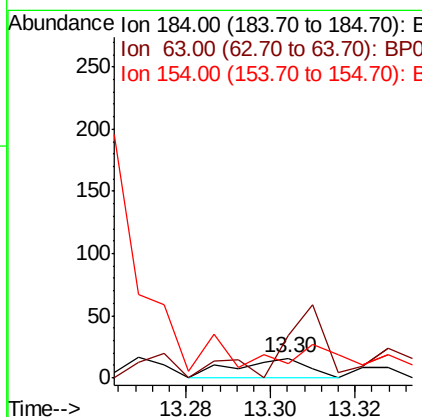
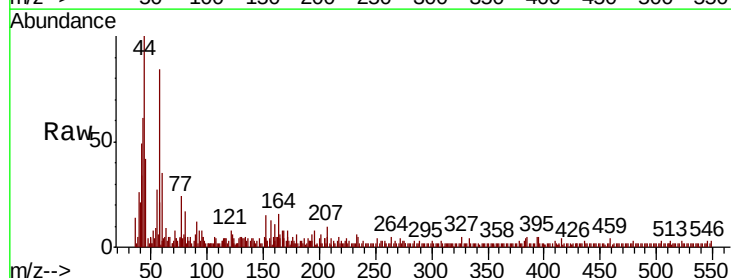
Instrument :
BNA_P
ClientSampleId :

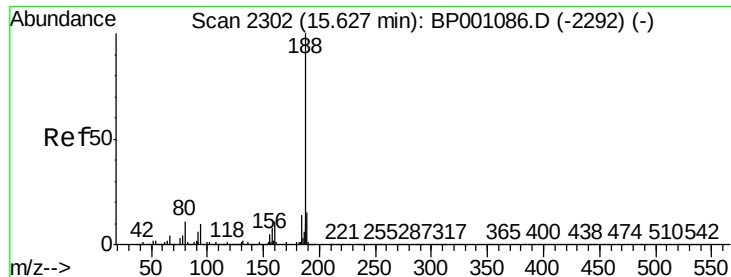
Tot Ion:172 Resp: 1012406
Ion Ratio Lower Upper
172 100
171 34.7 28.7 43.1
170 23.8 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.125 ng
RT: 13.30 min Scan# 1907
Delta R.T. -0.02 min
Lab File: BP001251.D
Acq: 07 Dec 2019 13:38

Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 212.5 69.4 104.0#
154 75.0 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: BP001251.D

Acq: 07 Dec 2019 13:38

Instrument :

BNA_P

ClientSampleId :

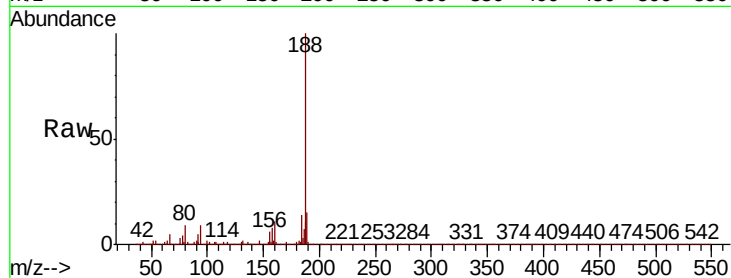
Tot Ion:188 Resp: 336956

Ion Ratio Lower Upper

188 100

94 8.8 7.1 10.7

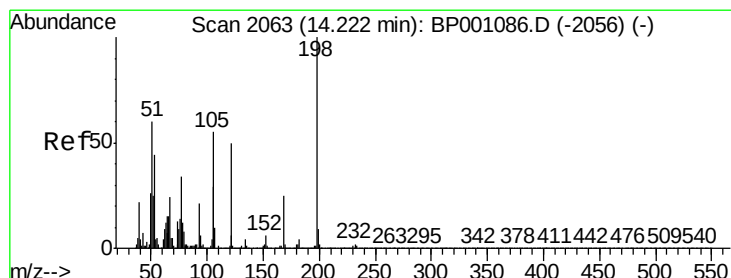
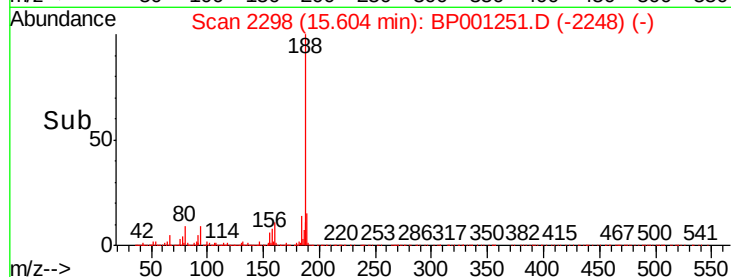
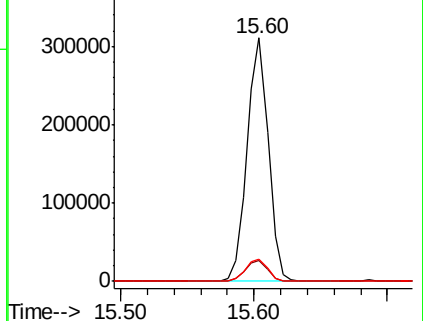
80 9.0 7.8 11.6



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: 6.290 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.12 min

Lab File: BP001251.D

Acq: 07 Dec 2019 13:38

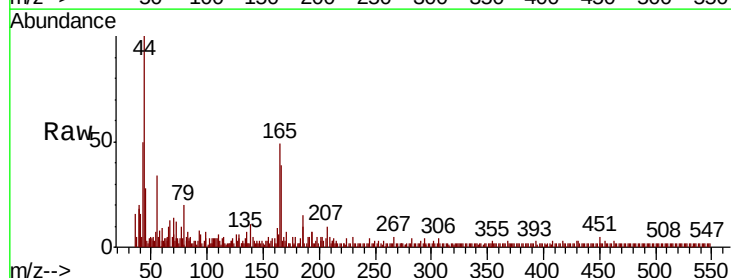
Tgt Ion:198 Resp: 22

Ion Ratio Lower Upper

198 100

51 166.7 36.2 76.2#

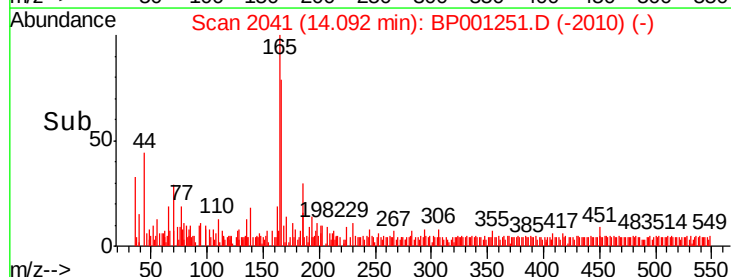
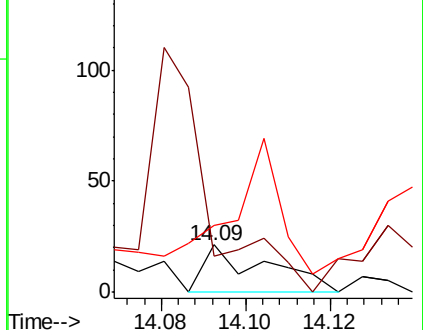
105 142.9 30.2 70.2#

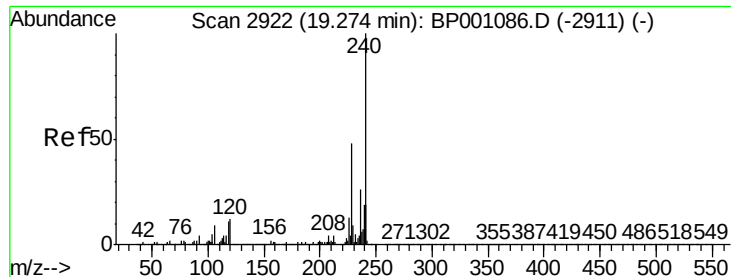


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

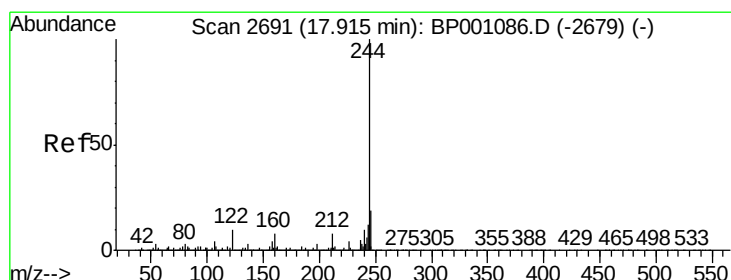
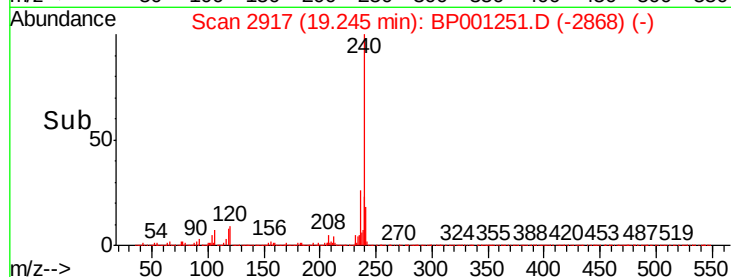
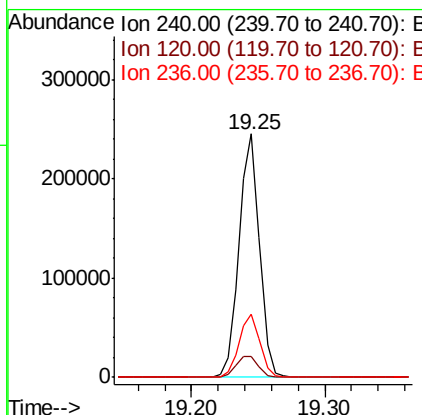
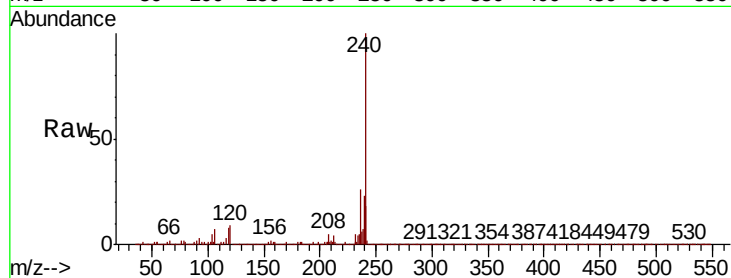




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BP001251.D
Acq: 07 Dec 2019 13:38

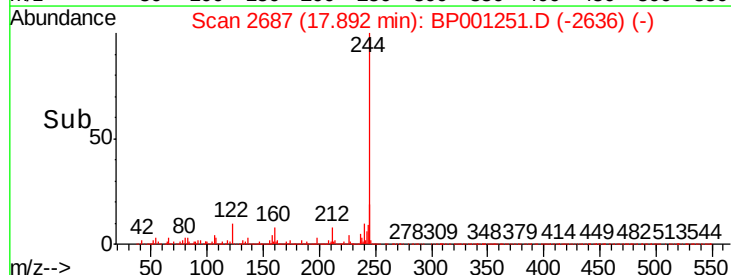
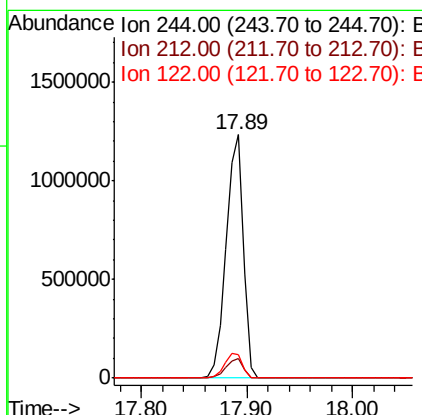
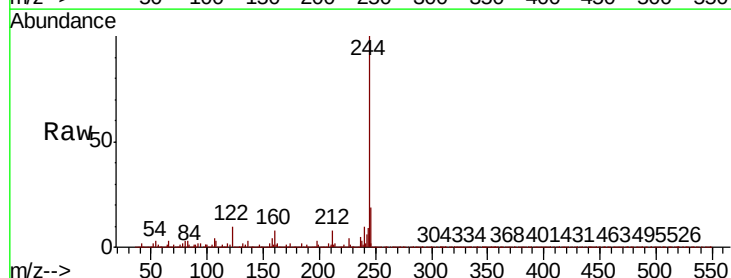
Instrument :
BNA_P
ClientSampleId :

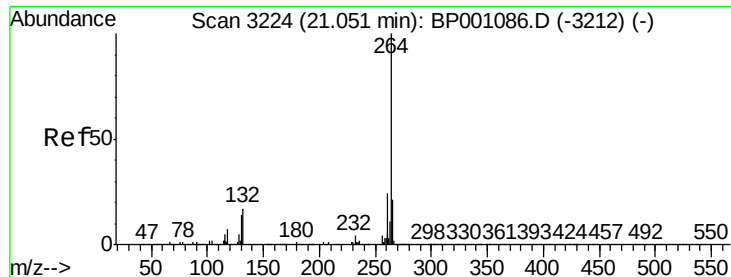
Tot Ion:240 Resp: 261421
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 26.0 21.7 32.5



#79
Terphenyl-d14
Concen: 98.039 ng
RT: 17.89 min Scan# 2687
Delta R.T. -0.00 min
Lab File: BP001251.D
Acq: 07 Dec 2019 13:38

Tgt Ion:244 Resp: 1385309
Ion Ratio Lower Upper
244 100
212 7.9 6.6 9.8
122 9.8 9.2 13.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BP001251.D
Acq: 07 Dec 2019 13:38

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	264	Resp:	216491
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.4	29.0
265	21.1	17.1	25.7

