

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
 Data File : BP001219.D
 Acq On : 05 Dec 2019 18:57
 Operator : JU
 Sample : K6119-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 06 06:06:22 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

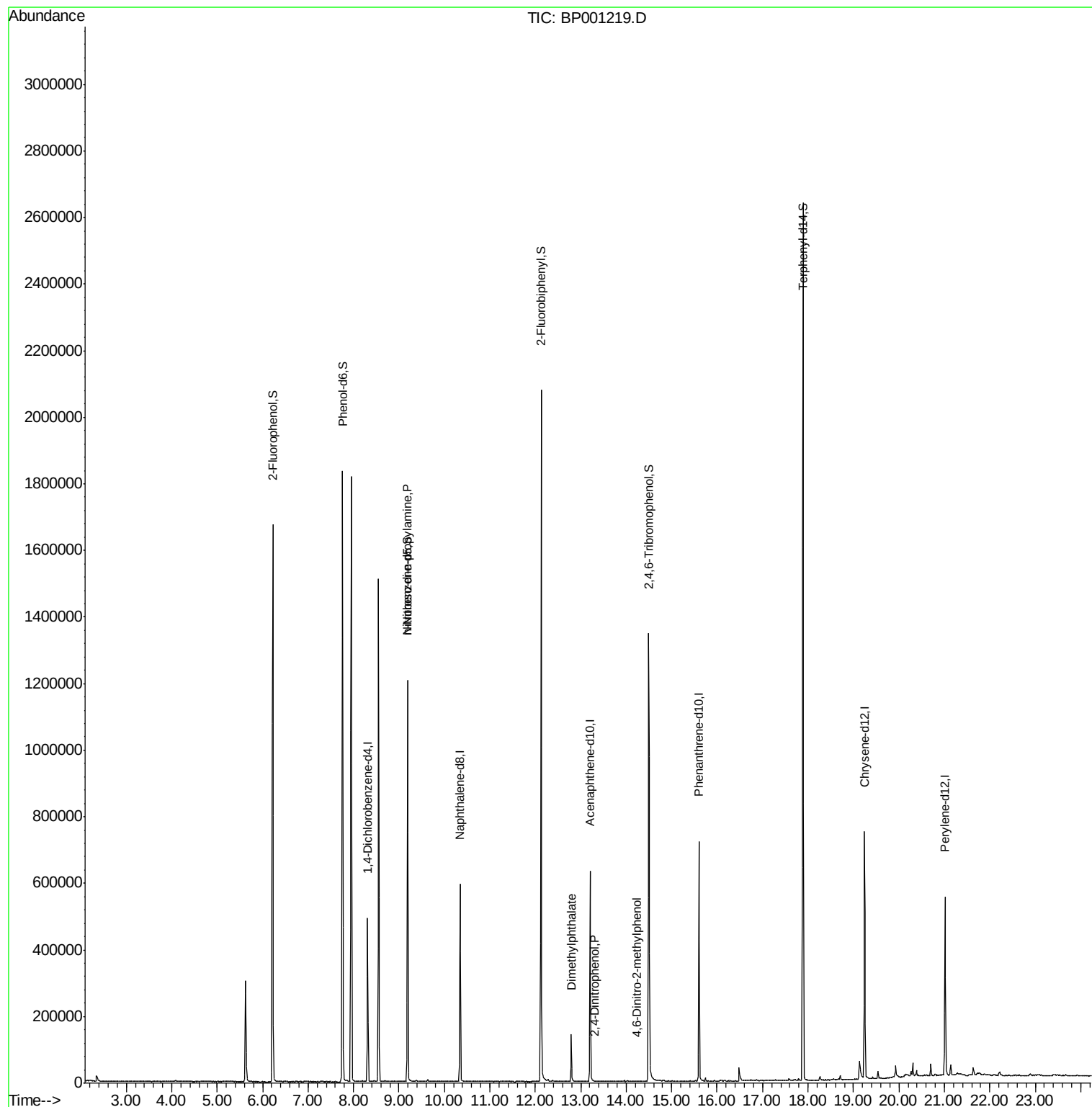
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	81198	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	292279	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	161449	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	322256	20.00	ng	0.00
76) Chrysene-d12	19.25	240	268202	20.00	ng	-0.01
87) Perylene-d12	21.02	264	283579	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	525102	107.29	ng	0.01
7) Phenol-d6	7.76	99	723010	110.89	ng	0.00
23) Nitrobenzene-d5	9.19	82	489317	72.63	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	182410	117.87	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	804210	72.90	ng	0.00
79) Terphenyl-d14	17.89	244	1021344	70.45	ng	0.00
Target Compounds						
9) Benzaldehyde	7.65	77	61	Below Cal	Qvalue # 13	
19) n-Nitroso-di-n-propylamine	9.19	70	70110	14.902 ng	# 78	
50) Dimethylphthalate	12.79	163	66976	5.547 ng	# 100	
54) 2,4-Dinitrophenol	13.32	184	4	7.113 ng	# 1	
65) 4,6-Dinitro-2-methylphenol	14.23	198	20	6.289 ng	# 29	

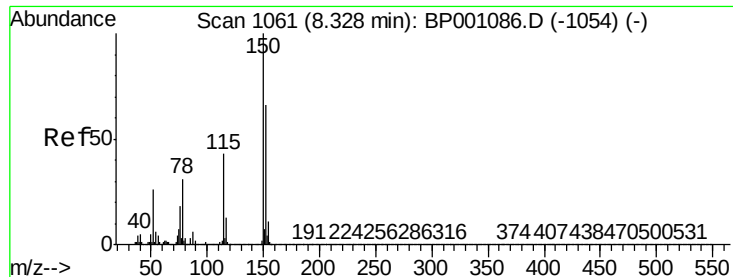
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
Data File : BP001219.D
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BNA_P
ClientSampleId :

Quant Time: Dec 06 06:06:22 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BP001219.D

Acq: 05 Dec 2019 18:57

Instrument :

BNA_P

ClientSampleId :

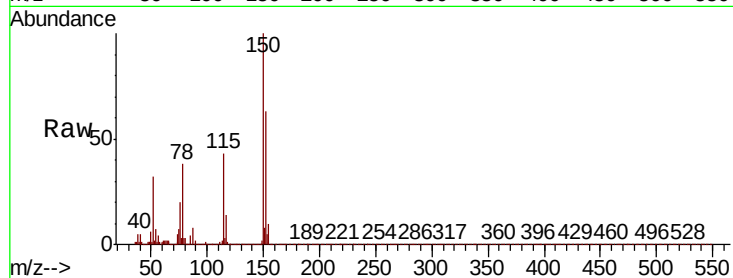
Tot Ion:152 Resp: 81198

Ion Ratio Lower Upper

152 100

150 159.2 127.3 190.9

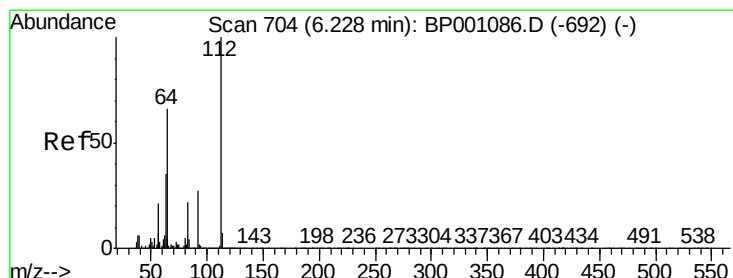
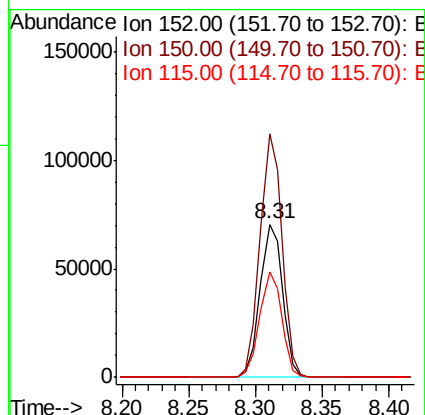
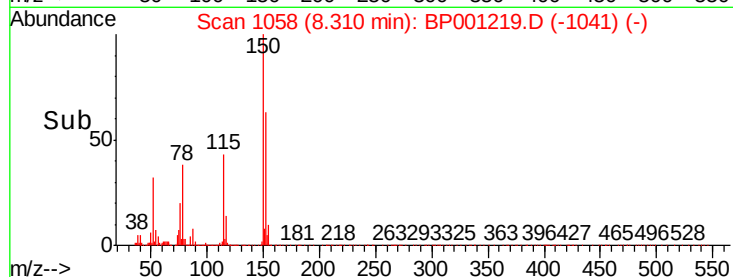
115 69.0 56.0 84.0



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: 107.292 ng

RT: 6.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BP001219.D

Acq: 05 Dec 2019 18:57

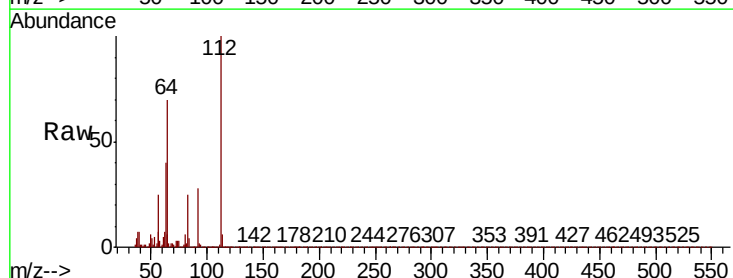
Tgt Ion:112 Resp: 525102

Ion Ratio Lower Upper

112 100

64 70.0 56.8 85.2

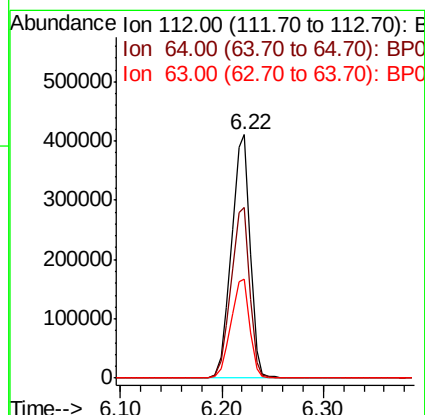
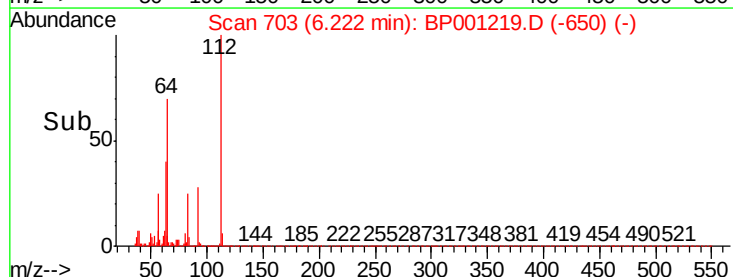
63 40.4 32.2 48.2

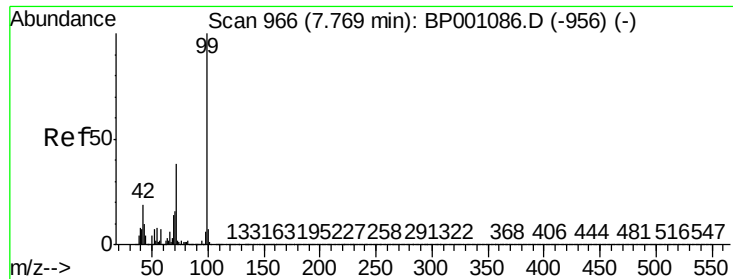


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 110.887 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001219.D

Acq: 05 Dec 2019 18:57

Instrument :

BNA_P

ClientSampled :

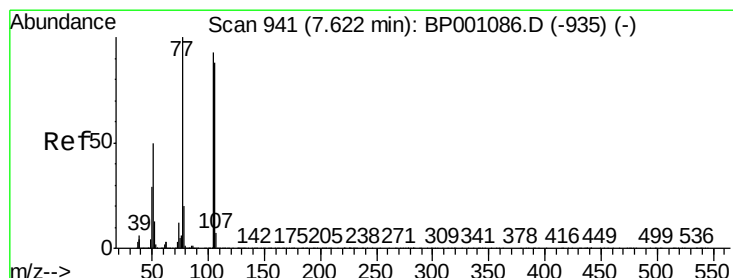
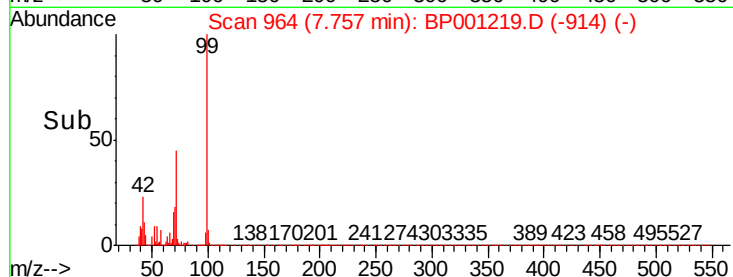
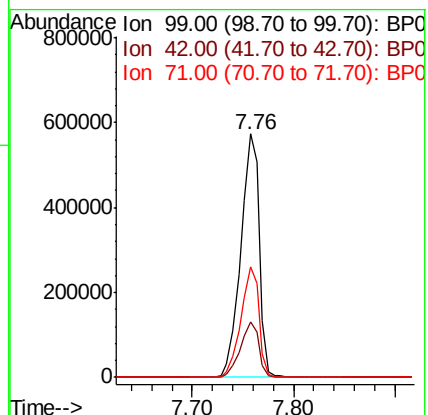
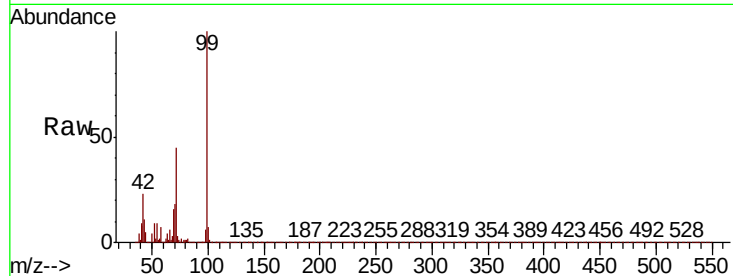
Tot Ion: 99 Resp: 723010

Ion Ratio Lower Upper

99 100

42 22.9 17.6 26.4

71 45.4 33.8 50.8



#9

Benzaldehyde

Concen: Below Cal

RT: 7.65 min Scan# 945

Delta R.T. 0.04 min

Lab File: BP001219.D

Acq: 05 Dec 2019 18:57

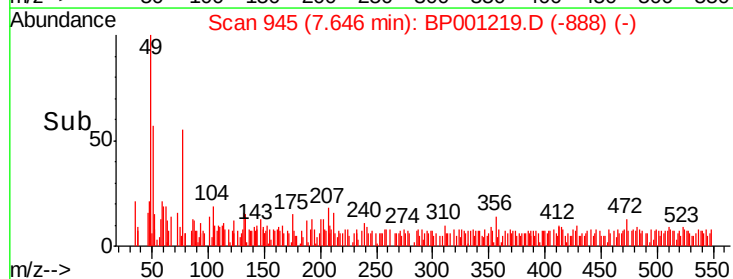
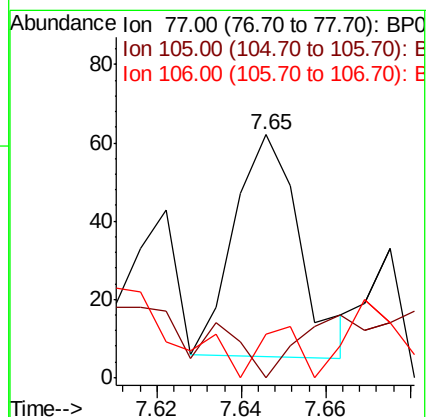
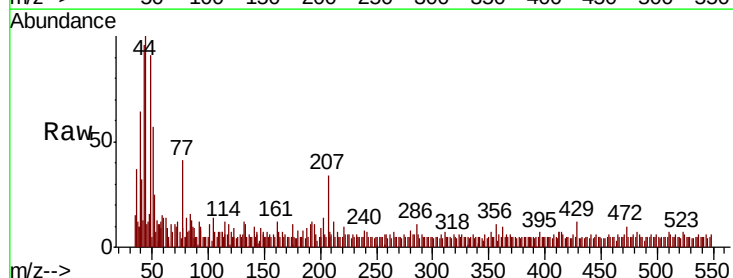
Tgt Ion: 77 Resp: 61

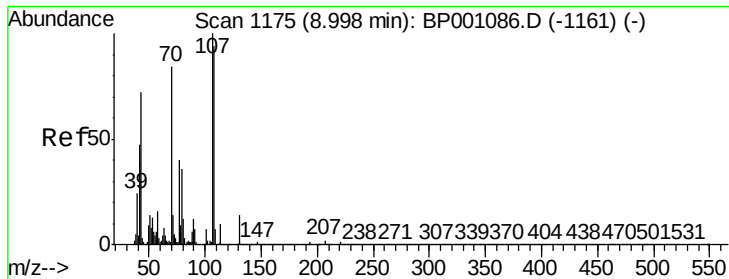
Ion Ratio Lower Upper

77 100

105 0.0 69.7 109.7#

106 14.7 67.1 107.1#

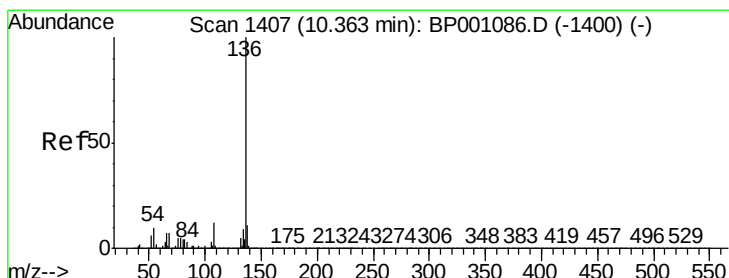
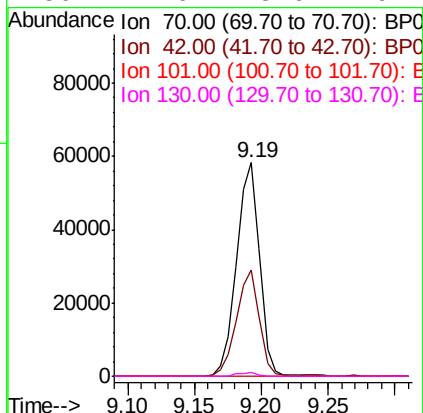
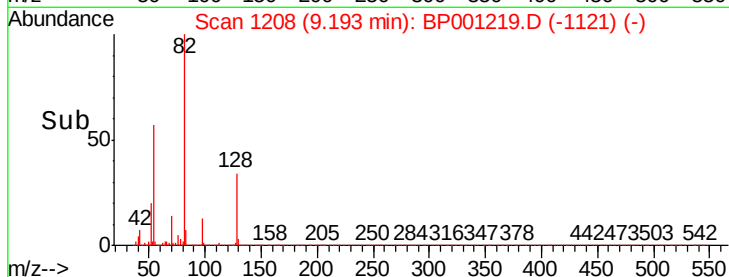
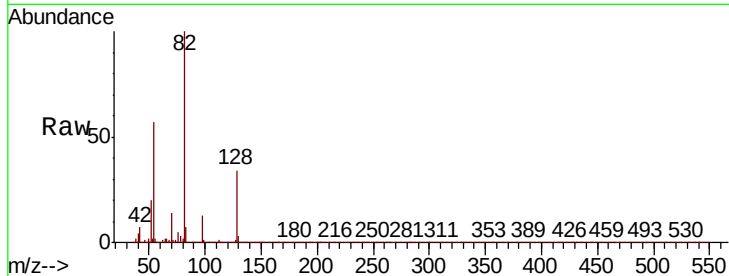




#19
n-Nitroso-di-n-propylamine
Concen: 14.902 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.21 min
Lab File: BP001219.D
Acq: 05 Dec 2019 18:57

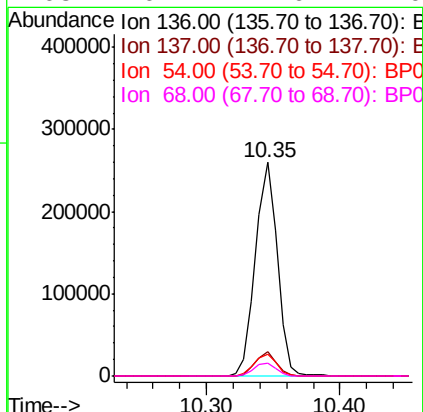
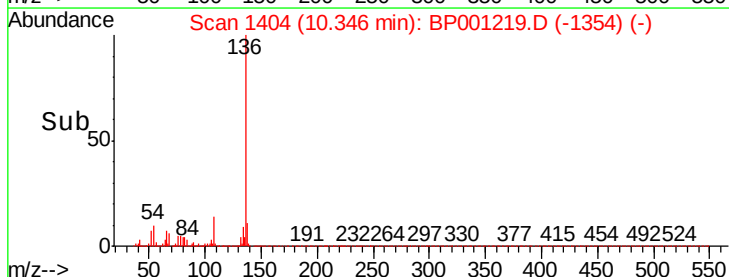
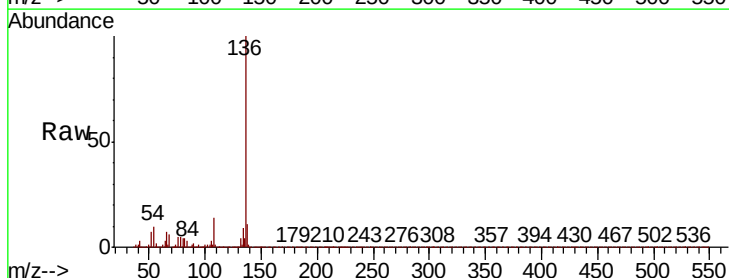
Instrument :
BNA_P
ClientSampleId :

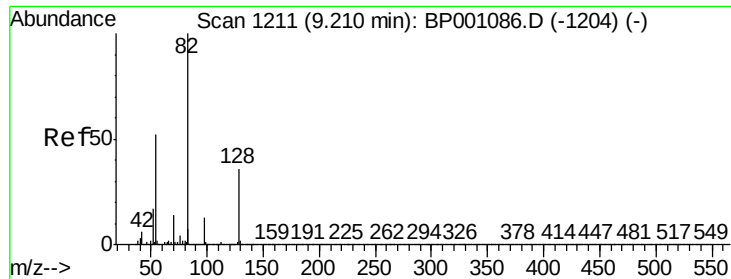
Tot Ion: 70 Resp: 70110
Ion Ratio Lower Upper
70 100
42 49.6 50.6 76.0#
101 0.0 7.1 10.7#
130 1.6 13.6 20.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001219.D
Acq: 05 Dec 2019 18:57

Tgt Ion: 136 Resp: 292279
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 10.1 7.4 11.0
68 6.1 4.6 7.0

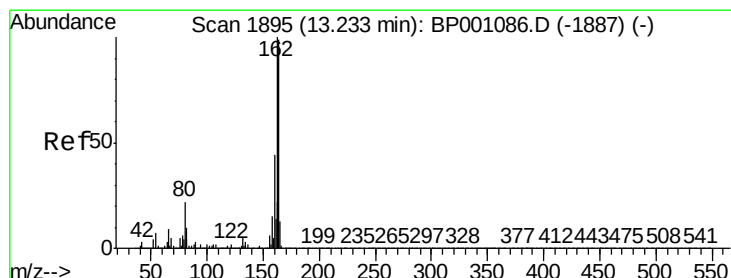
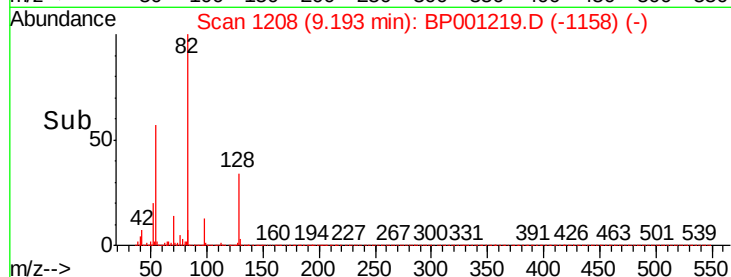
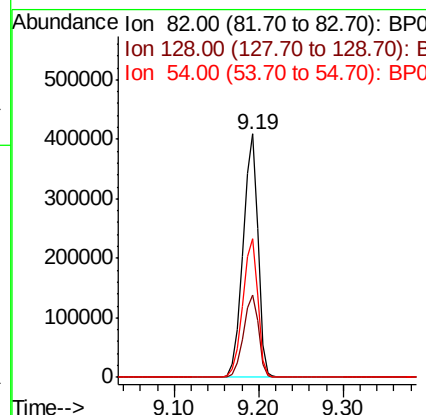
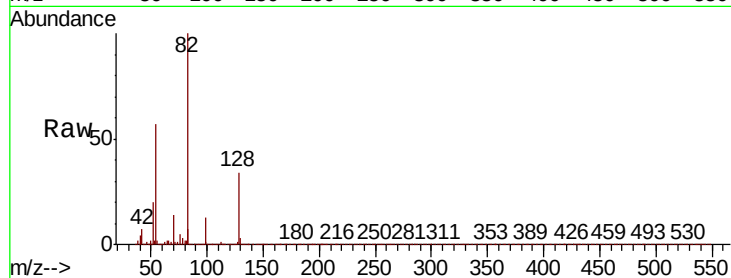




#23
 Nitrobenzene-d5
 Concen: 72.634 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BP001219.D
 Acq: 05 Dec 2019 18:57

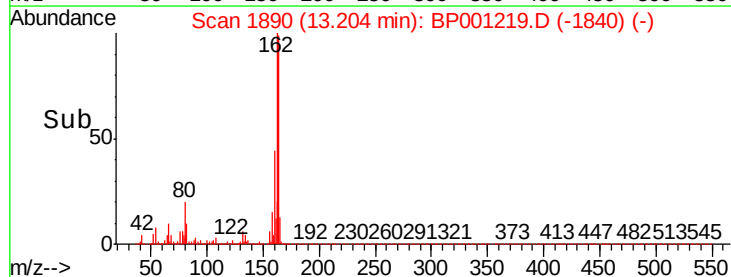
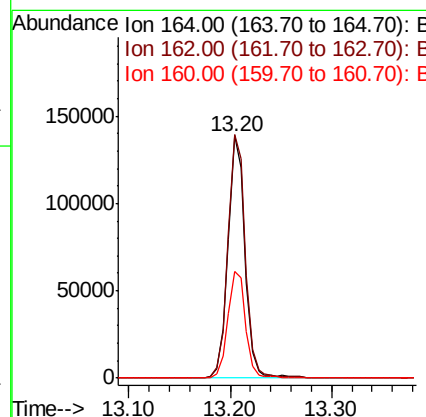
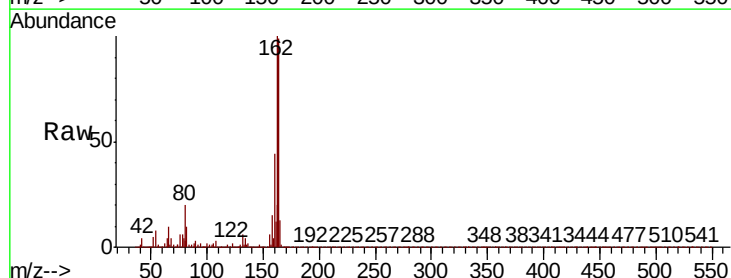
Instrument :
 BNA_P
 ClientSampleId :

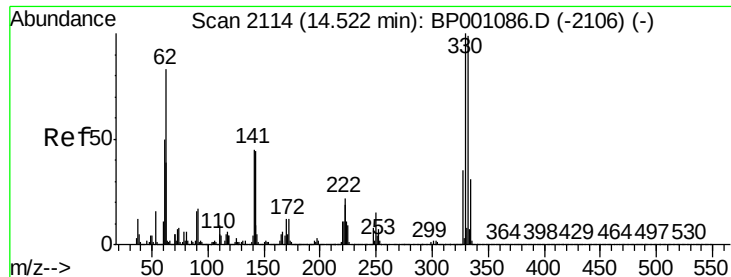
Tot Ion	82	Resp	489317
Ion Ratio	Lower	Upper	
82	100		
128	34.0	27.5	41.3
54	56.9	45.7	68.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.20 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: BP001219.D
 Acq: 05 Dec 2019 18:57

Tgt Ion	164	Resp	161449
Ion Ratio	Lower	Upper	
164	100		
162	100.6	80.7	121.1
160	44.1	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 117.875 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BP001219.D

Acq: 05 Dec 2019 18:57

Instrument :

BNA_P

ClientSampleId :

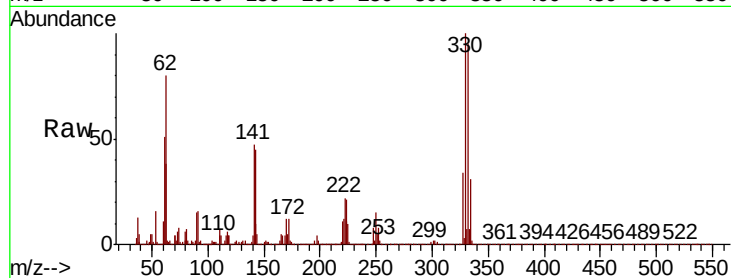
Tot Ion:330 Resp: 182410

Ion Ratio Lower Upper

330 100

332 96.8 79.1 118.7

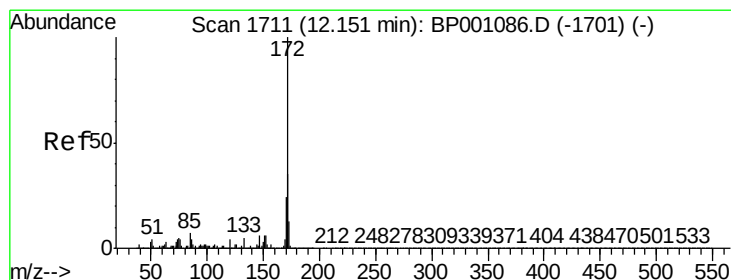
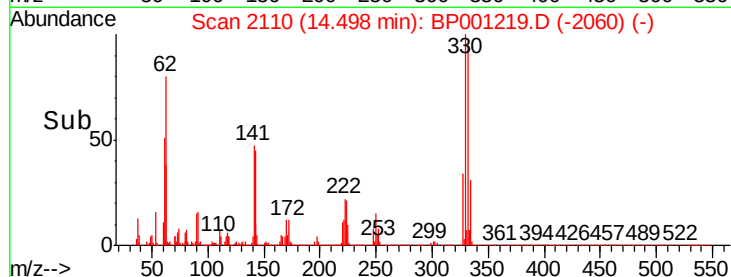
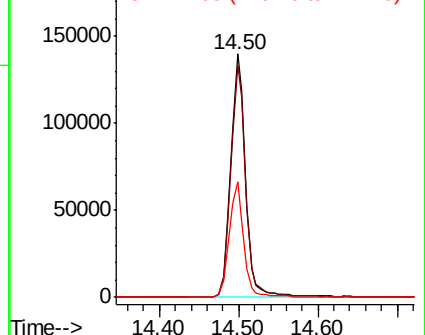
141 46.1 35.9 53.9



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: 72.904 ng

RT: 12.13 min Scan# 1707

Delta R.T. -0.01 min

Lab File: BP001219.D

Acq: 05 Dec 2019 18:57

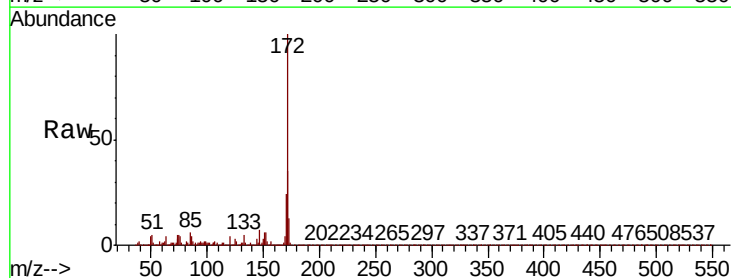
Tgt Ion:172 Resp: 804210

Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

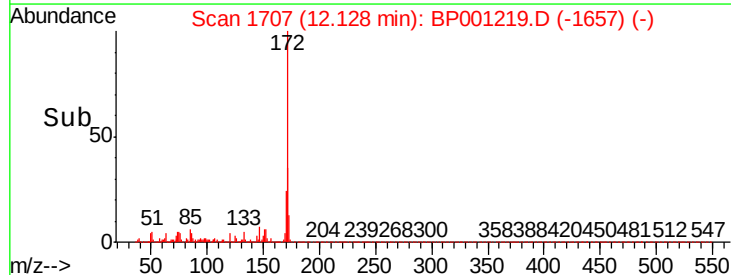
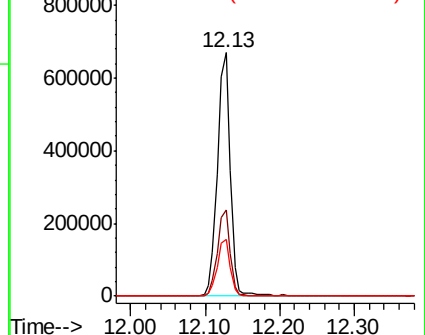
170 23.5 19.2 28.8

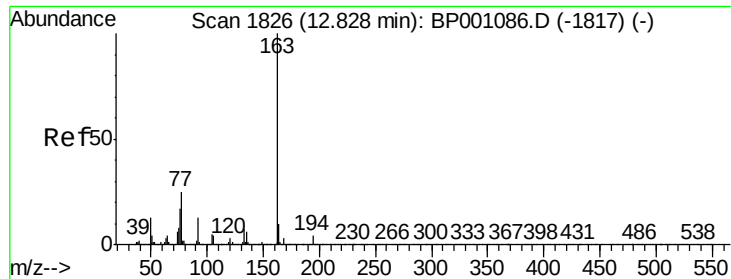


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.547 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BP001219.D

Acq: 05 Dec 2019 18:57

Instrument :

BNA_P

ClientSampleId :

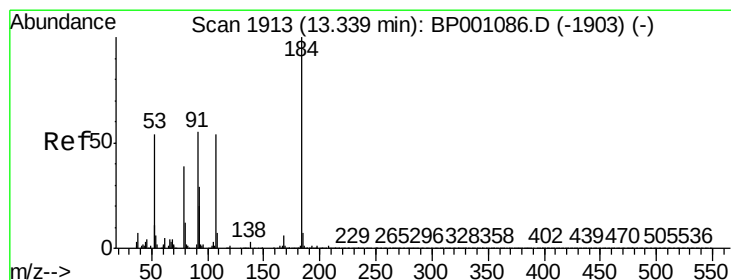
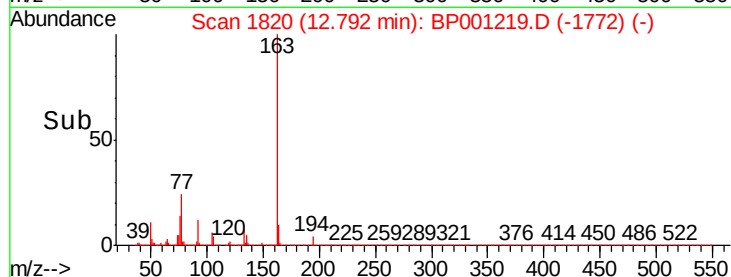
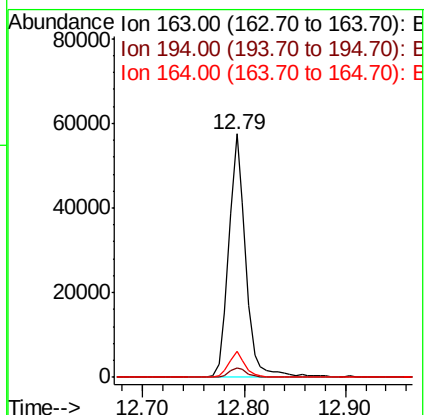
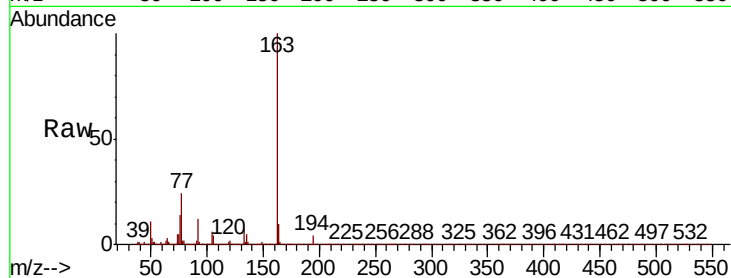
Tot Ion:163 Resp: 66976

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.4 8.2 12.4



#54

2,4-Dinitrophenol

Concen: 7.113 ng

RT: 13.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BP001219.D

Acq: 05 Dec 2019 18:57

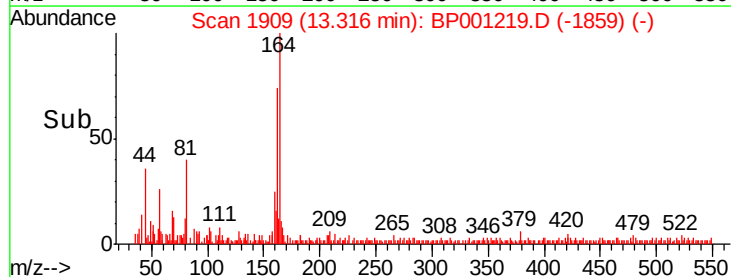
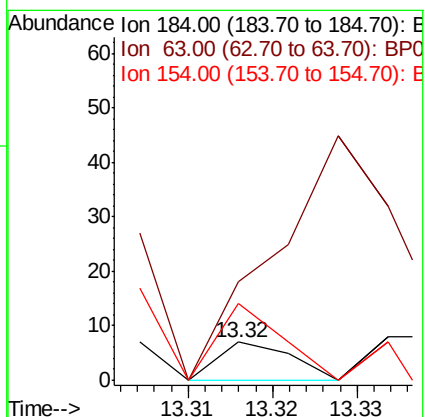
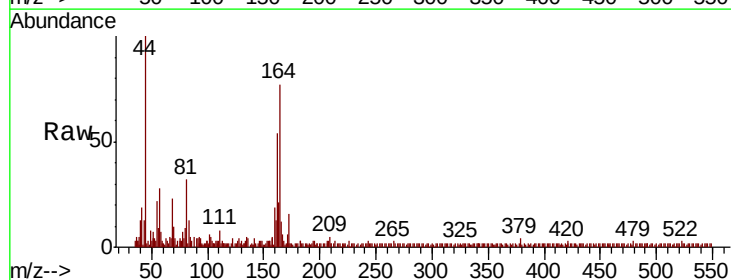
Tgt Ion:184 Resp: 4

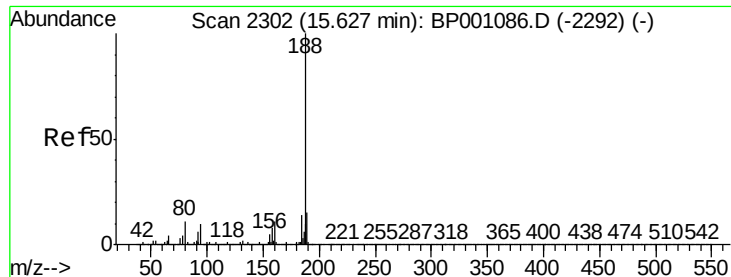
Ion Ratio Lower Upper

184 100

63 257.1 69.4 104.0#

154 200.0 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: BP001219.D

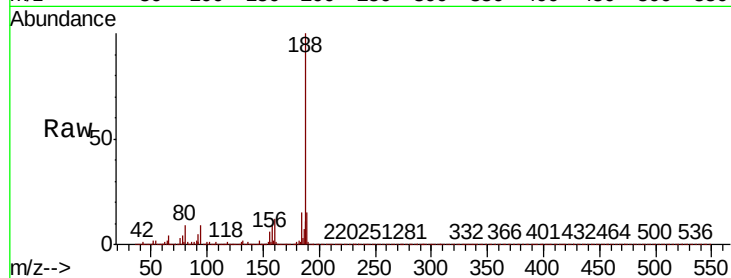
Acq: 05 Dec 2019 18:57

Instrument :

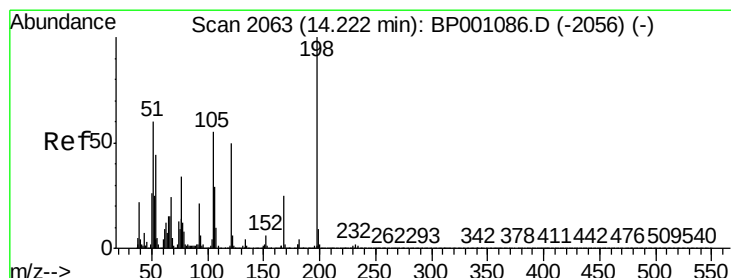
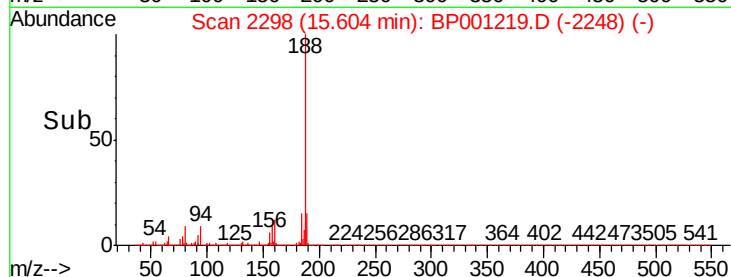
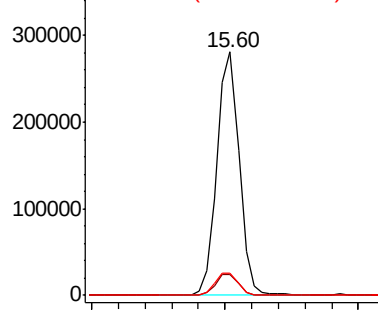
BNA_P

ClientSampleId :

Tot Ion:188	Resp:	322256
Ion	Ratio	Lower Upper
188	100	
94	8.8	7.1 10.7
80	9.4	7.8 11.6



Abundance Ion 188.00 (187.70 to 188.70): E



#65

4,6-Dinitro-2-methylphenol

Concen: 6.289 ng

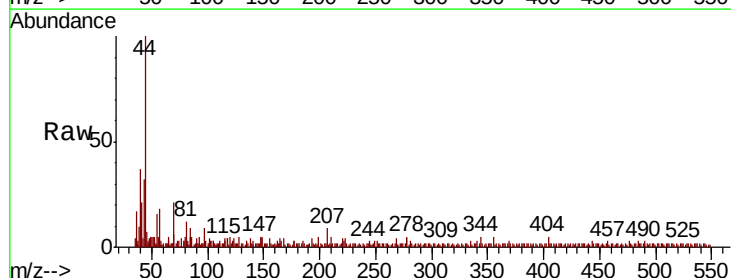
RT: 14.23 min Scan# 2064

Delta R.T. 0.02 min

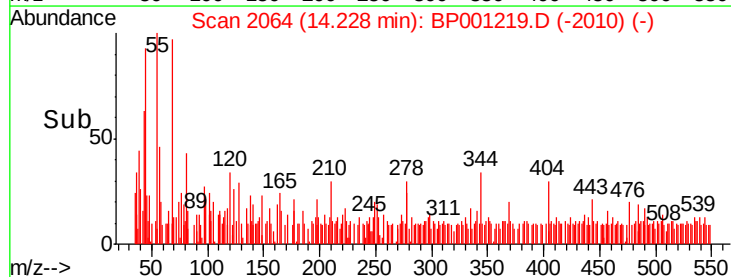
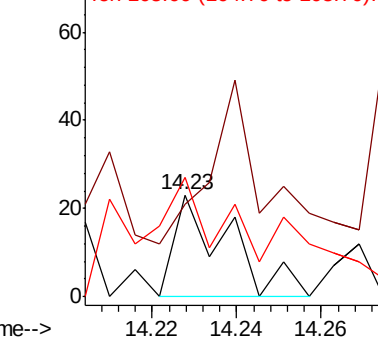
Lab File: BP001219.D

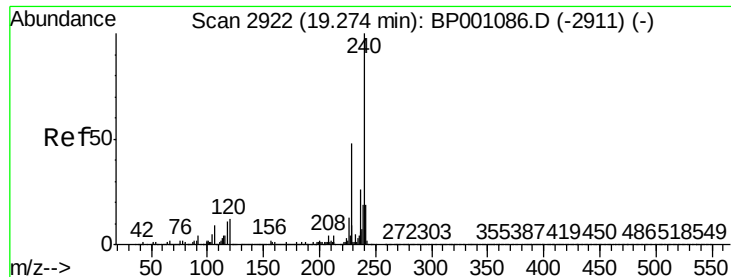
Acq: 05 Dec 2019 18:57

Tgt Ion:198	Resp:	20
Ion	Ratio	Lower Upper
198	100	
51	91.3	36.2 76.2#
105	117.4	30.2 70.2#



Abundance Ion 198.00 (197.70 to 198.70): E

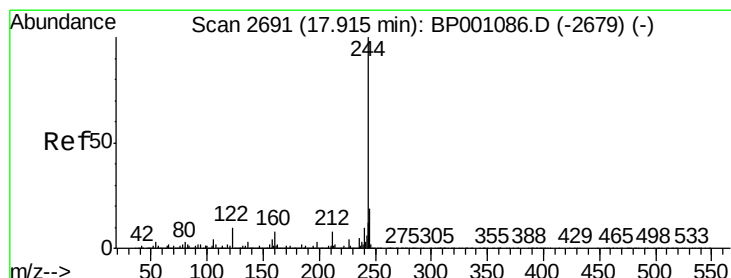
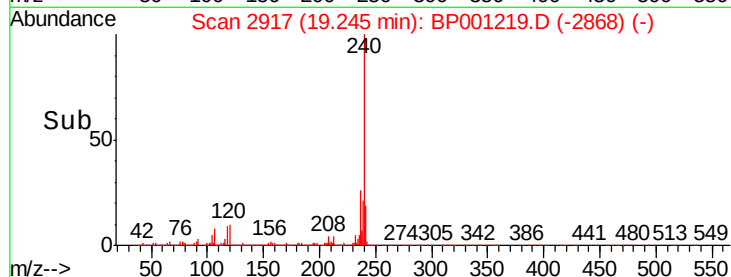
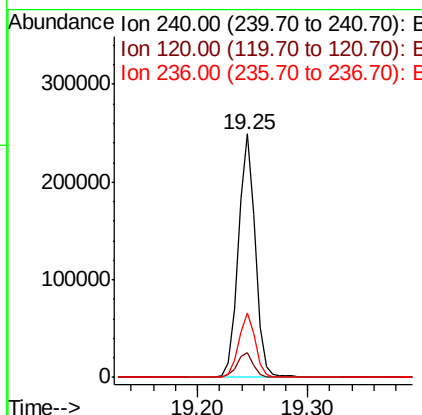
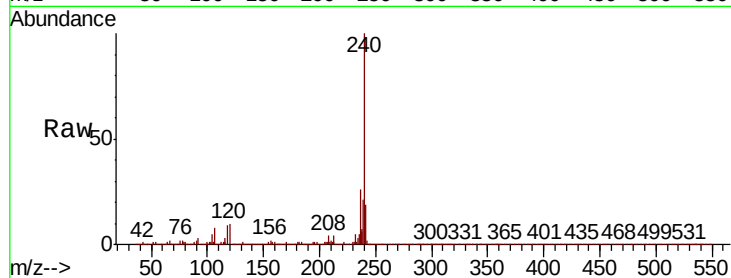




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BP001219.D
Acq: 05 Dec 2019 18:57

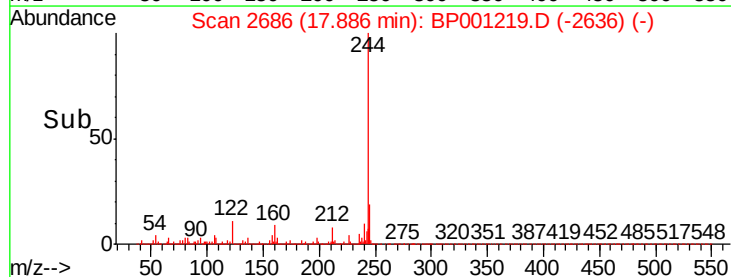
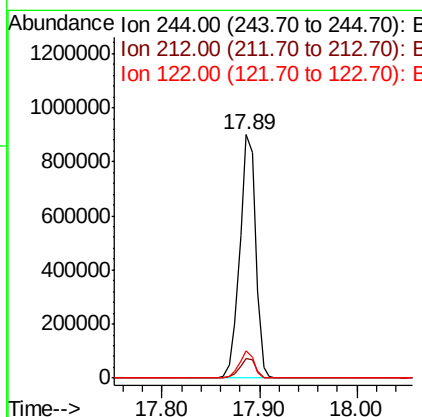
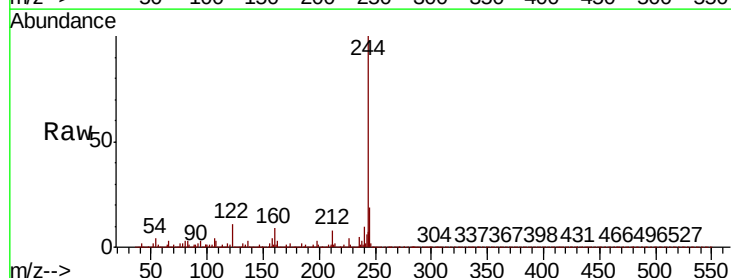
Instrument :
BNA_P
ClientSampleId :

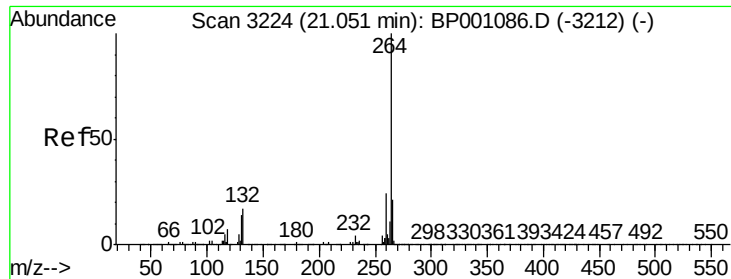
Tot Ion:240 Resp: 268202
Ion Ratio Lower Upper
240 100
120 10.1 7.0 10.6
236 26.2 21.7 32.5



#79
Terphenyl-d14
Concen: 70.454 ng
RT: 17.89 min Scan# 2686
Delta R.T. -0.01 min
Lab File: BP001219.D
Acq: 05 Dec 2019 18:57

Tgt Ion:244 Resp: 1021344
Ion Ratio Lower Upper
244 100
212 8.3 6.6 9.8
122 11.1 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: BP001219.D
Acq: 05 Dec 2019 18:57

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	22.6	17.1	25.7

