

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
 Data File : BP001221.D
 Acq On : 05 Dec 2019 19:57
 Operator : JU
 Sample : K6120-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 06 06:07:08 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

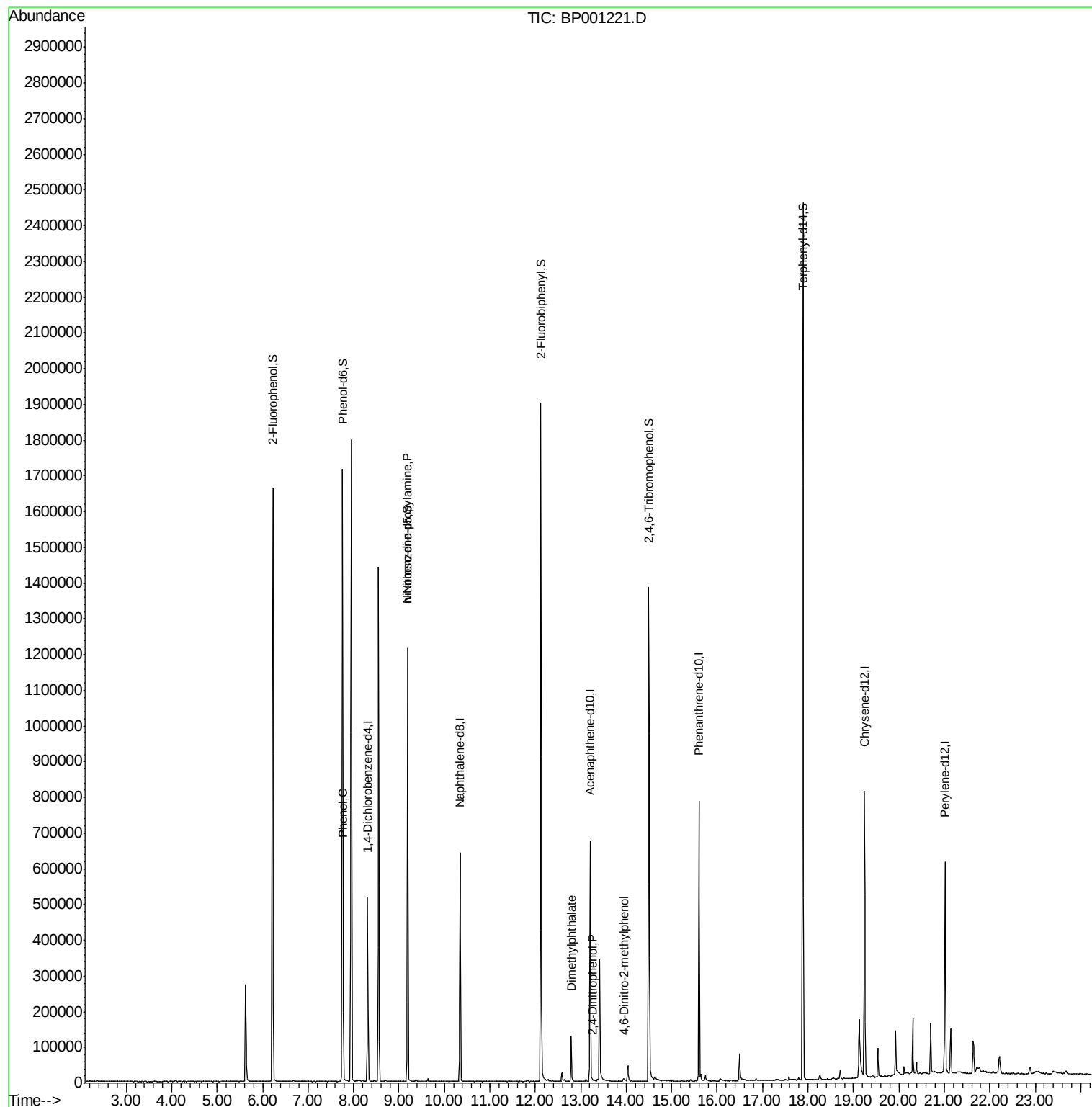
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	86046	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	314452	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	178221	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	352547	20.00	ng	0.00
76) Chrysene-d12	19.24	240	286586	20.00	ng	-0.01
87) Perylene-d12	21.02	264	302770	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	515597	99.41	ng	0.01
7) Phenol-d6	7.76	99	695024	100.59	ng	0.00
23) Nitrobenzene-d5	9.19	82	476172	65.70	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	179001	104.79	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	759939	62.41	ng	0.00
79) Terphenyl-d14	17.89	244	921465	59.49	ng	0.00
Target Compounds						
9) Benzaldehyde	7.62	77	155	Below Cal		Qvalue
10) Phenol	7.78	94	37052	4.714 ng	#	47
19) n-Nitroso-di-n-propylamine	9.19	70	67067	13.452 ng	#	78
50) Dimethylphthalate	12.79	163	58331	4.376 ng		100
54) 2,4-Dinitrophenol	13.27	184	25	7.129 ng		96
65) 4,6-Dinitro-2-methylphenol	13.96	198	19	6.287 ng	#	1

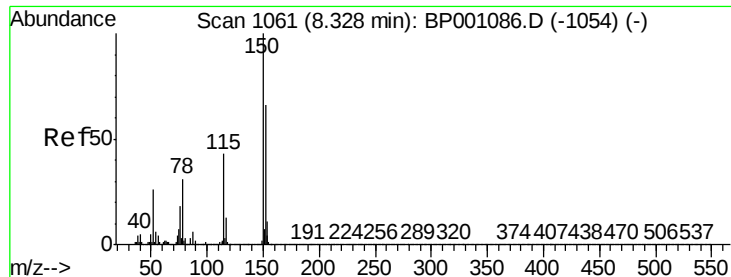
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
Data File : BP001221.D
Acq On : 05 Dec 2019 19:57
Operator : JU
Sample : K6120-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Dec 06 06:07:08 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: BP001221.D

Acq: 05 Dec 2019 19:57

Instrument :

BNA_P

ClientSampleId :

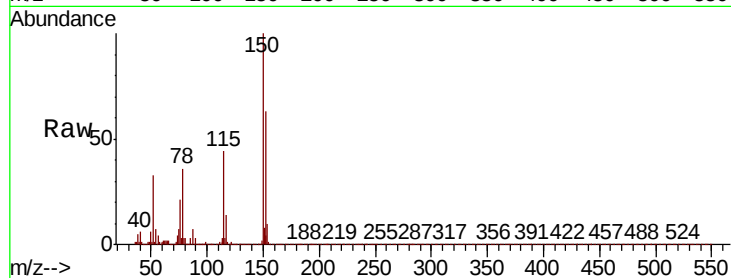
Tot Ion:152 Resp: 86046

Ion Ratio Lower Upper

152 100

150 158.8 127.3 190.9

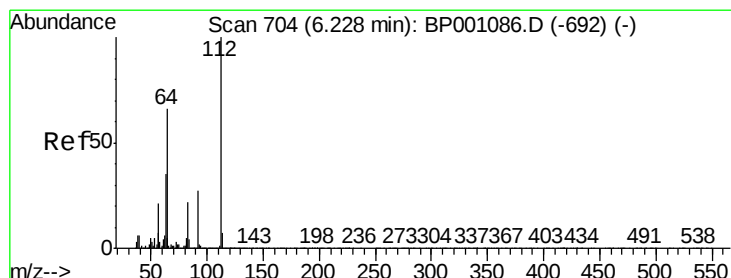
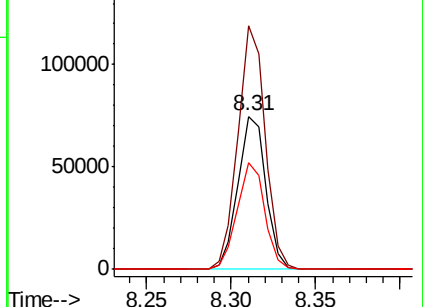
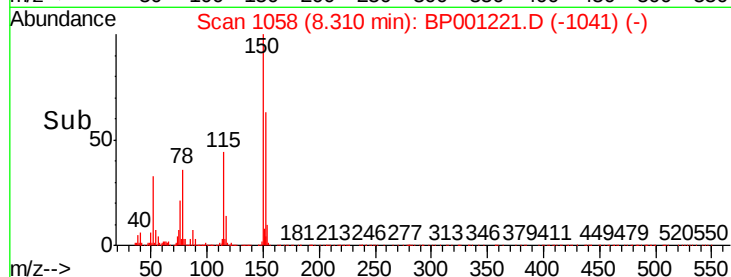
115 69.9 56.0 84.0



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: 99.414 ng

RT: 6.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BP001221.D

Acq: 05 Dec 2019 19:57

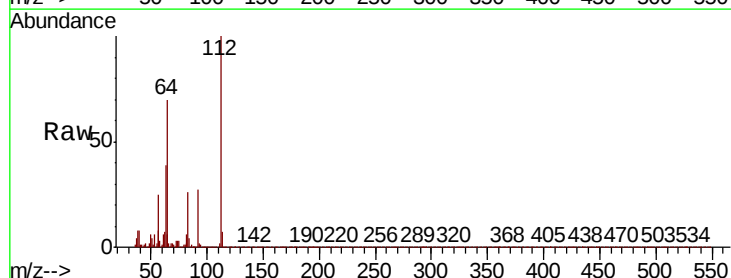
Tgt Ion:112 Resp: 515597

Ion Ratio Lower Upper

112 100

64 70.2 56.8 85.2

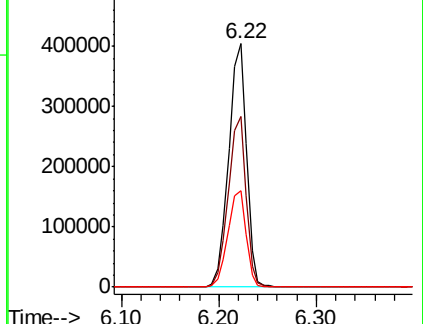
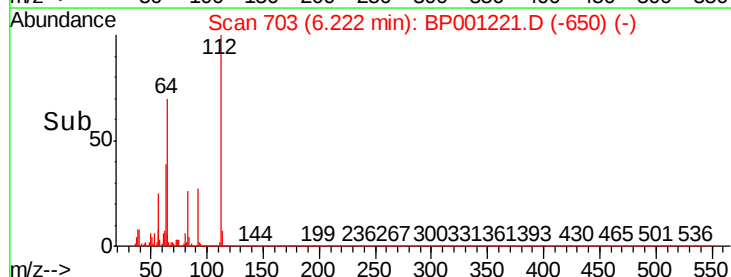
63 39.4 32.2 48.2

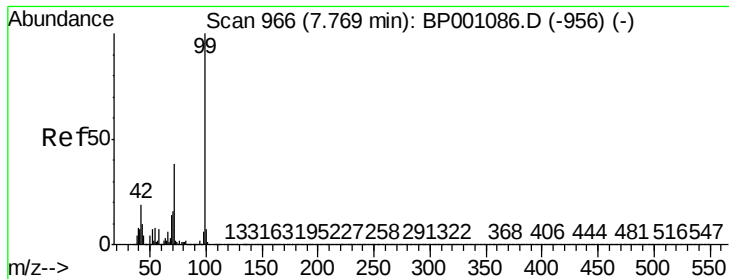


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 100.589 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001221.D

Acq: 05 Dec 2019 19:57

Instrument :

BNA_P

ClientSampleId :

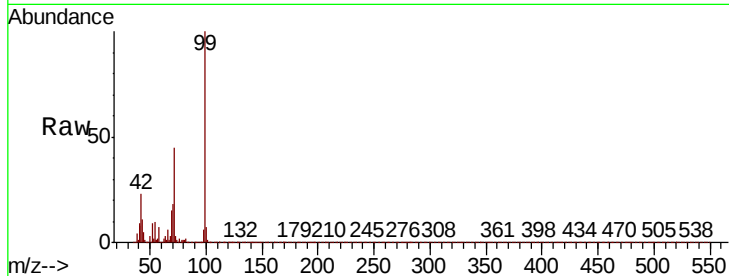
Tot Ion: 99 Resp: 695024

Ion Ratio Lower Upper

99 100

42 23.2 17.6 26.4

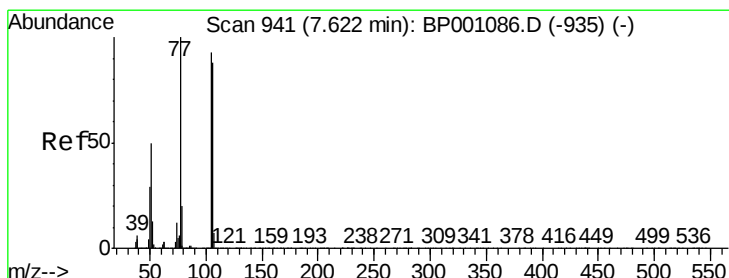
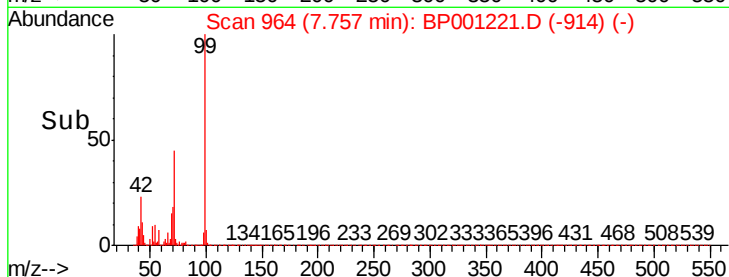
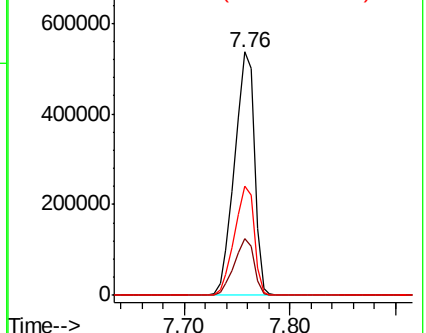
71 44.9 33.8 50.8



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: 7.62 min Scan# 941

Delta R.T. 0.01 min

Lab File: BP001221.D

Acq: 05 Dec 2019 19:57

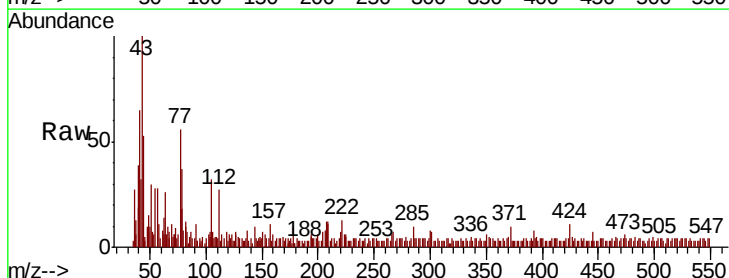
Tgt Ion: 77 Resp: 155

Ion Ratio Lower Upper

77 100

105 57.4 69.7 109.7#

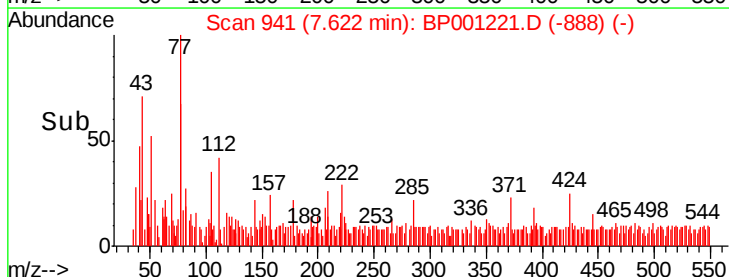
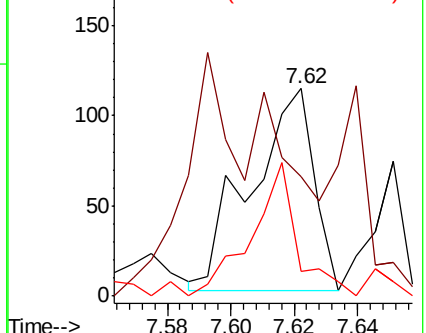
106 20.0 67.1 107.1#

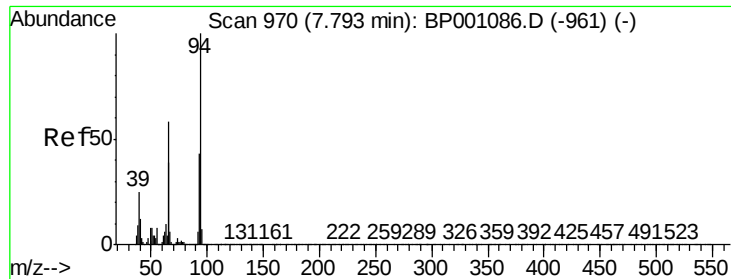


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 4.714 ng

RT: 7.78 min Scan# 967

Delta R.T. -0.01 min

Lab File: BP001221.D

Acq: 05 Dec 2019 19:57

Instrument :

BNA_P

ClientSampled :

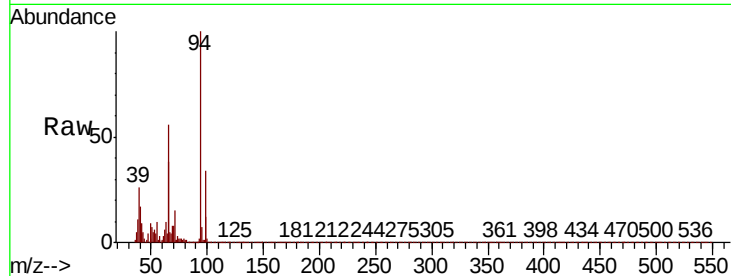
Tot Ion: 94 Resp: 37052

Ion Ratio Lower Upper

94 100

65 37.8 25.6 65.6

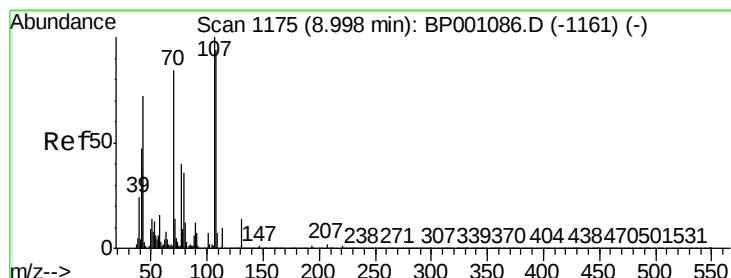
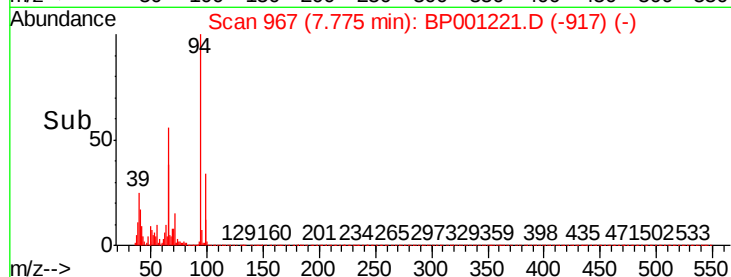
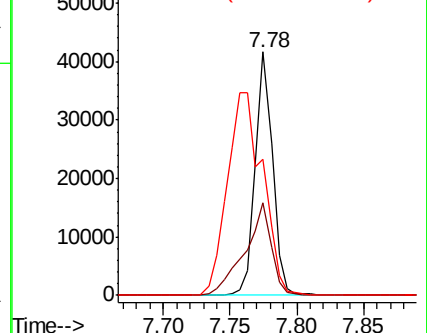
66 55.8 52.6 92.6



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



#19

n-Nitroso-di-n-propylamine

Concen: 13.452 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.21 min

Lab File: BP001221.D

Acq: 05 Dec 2019 19:57

Tgt Ion: 70 Resp: 67067

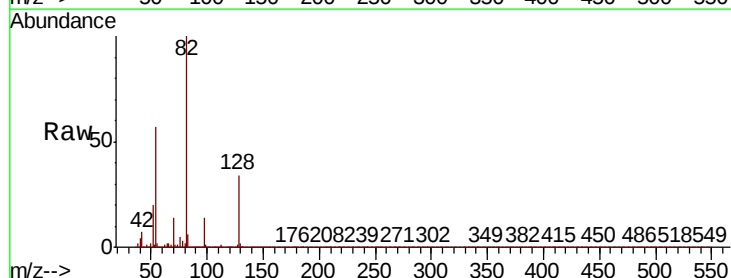
Ion Ratio Lower Upper

70 100

42 49.1 50.6 76.0#

101 0.0 7.1 10.7#

130 1.3 13.6 20.4#

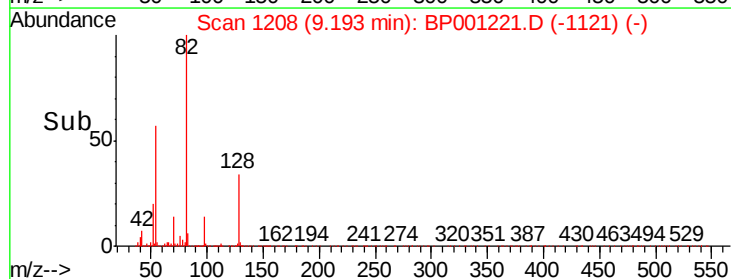
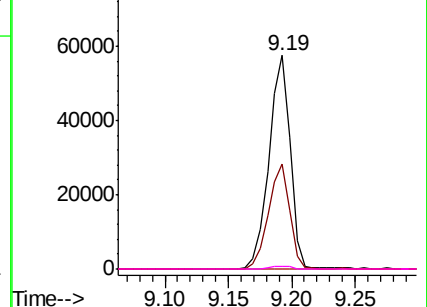


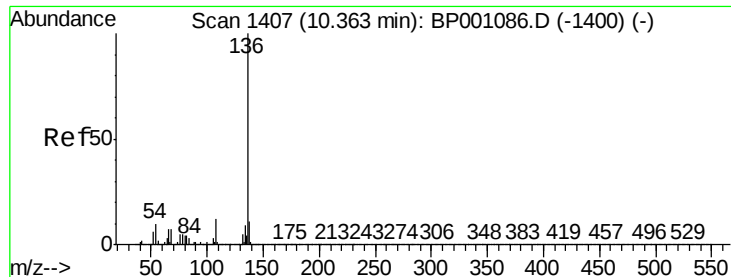
Abundance Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BP001221.D

Acq: 05 Dec 2019 19:57

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 314452

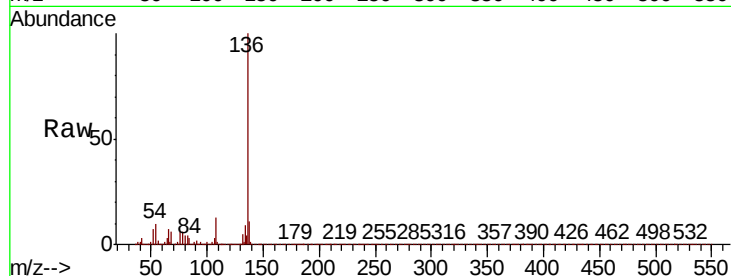
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 10.3 7.4 11.0

68 5.9 4.6 7.0

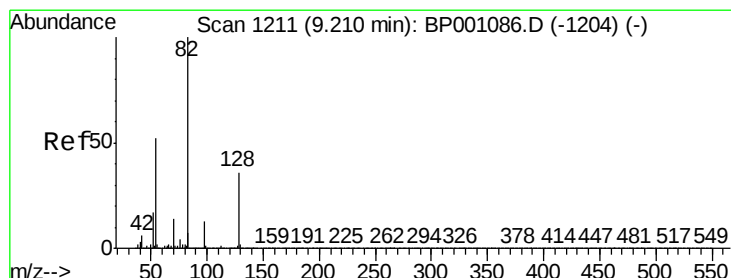
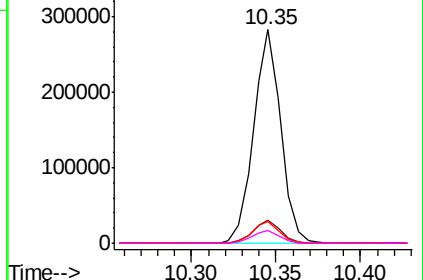
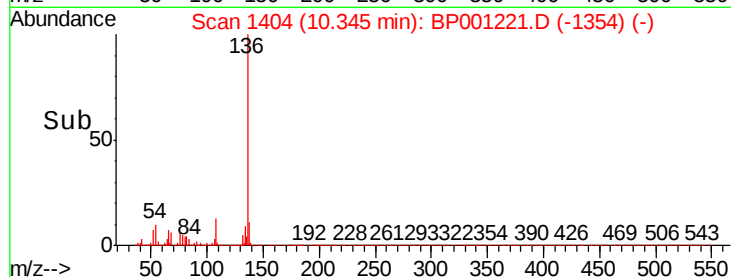


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.699 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BP001221.D

Acq: 05 Dec 2019 19:57

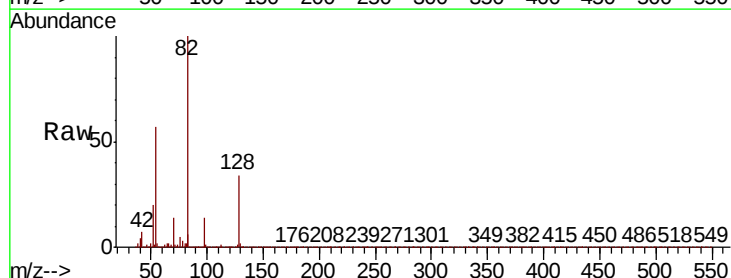
Tgt Ion: 82 Resp: 476172

Ion Ratio Lower Upper

82 100

128 33.8 27.5 41.3

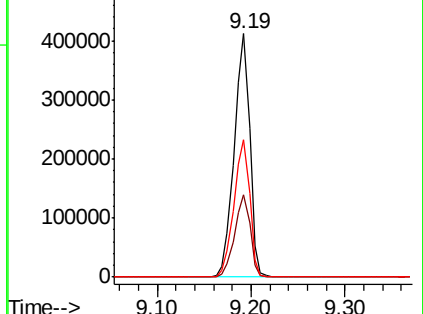
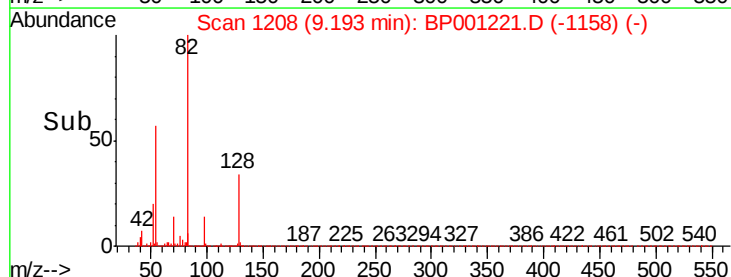
54 56.7 45.7 68.5

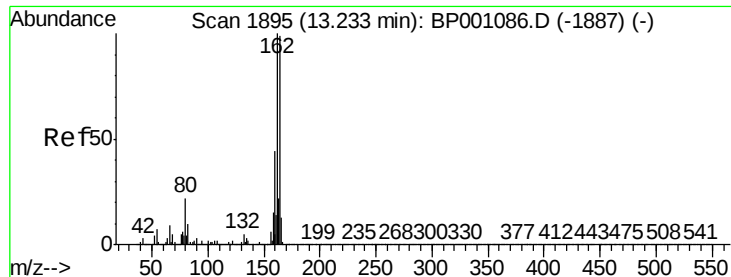


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0

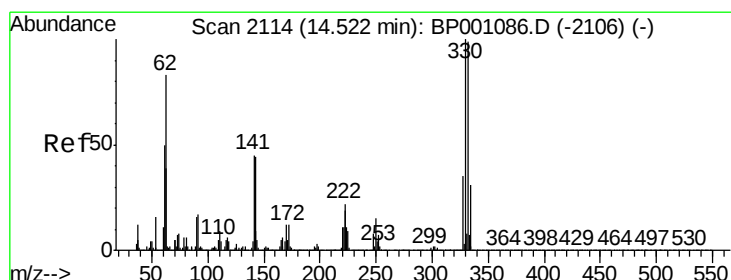
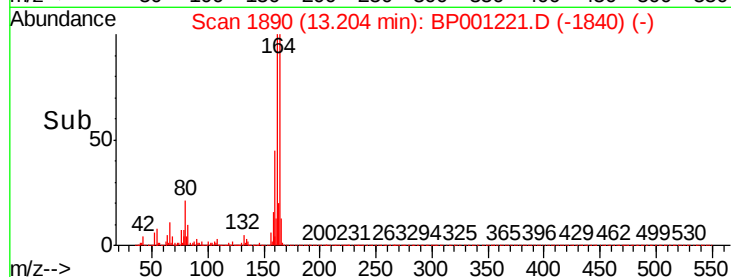
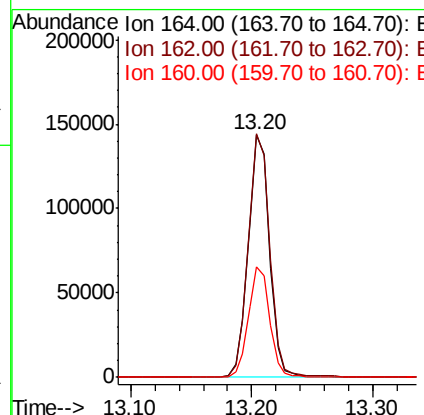
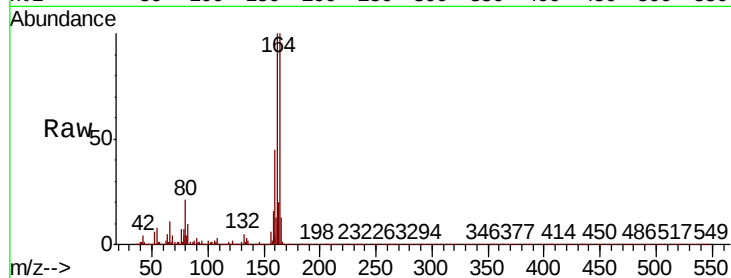




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001221.D
Acq: 05 Dec 2019 19:57

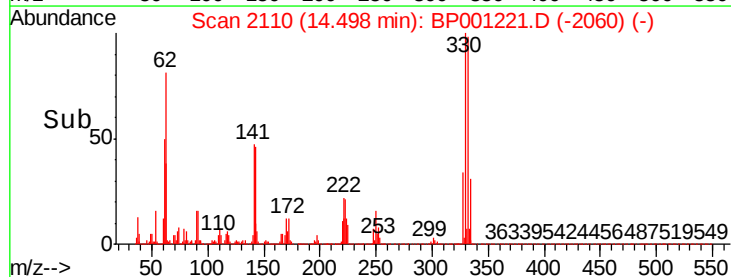
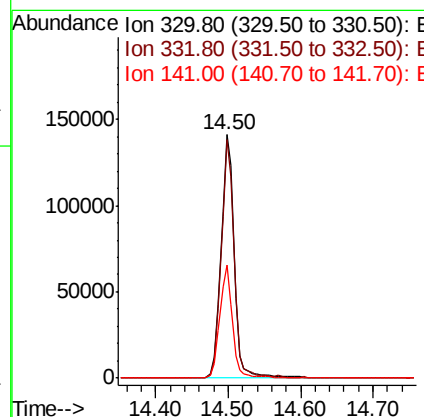
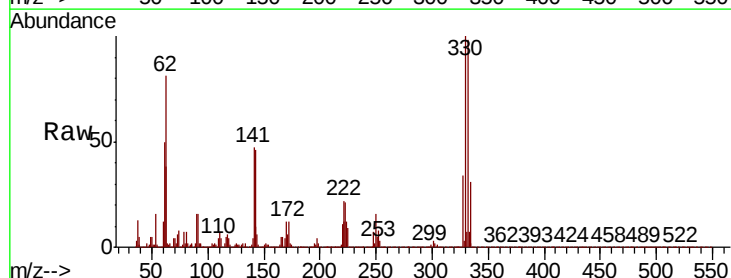
Instrument :
BNA_P
ClientSampleId :

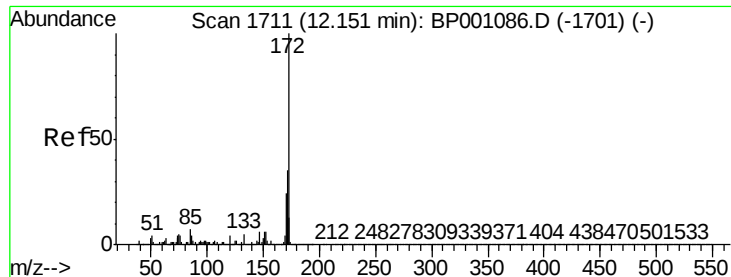
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.7	121.1
160	45.4	36.3	54.5



#42
2,4,6-Tribromophenol
Concen: 104.786 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001221.D
Acq: 05 Dec 2019 19:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.1	118.7
141	44.7	35.9	53.9

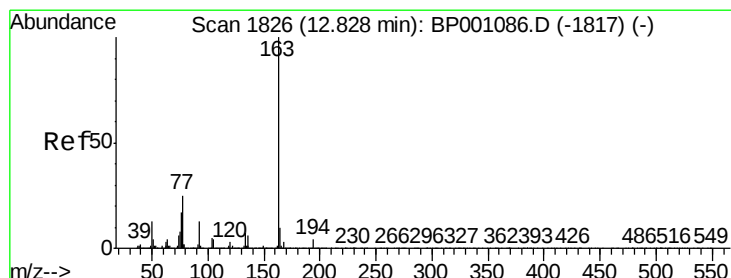
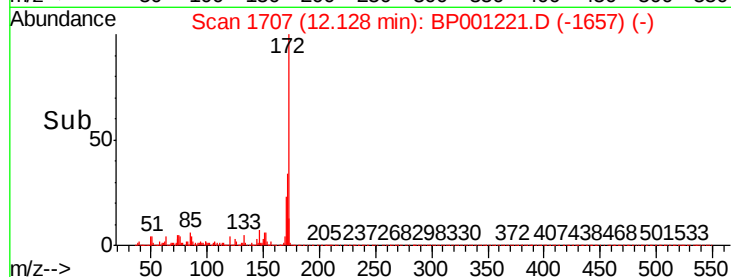
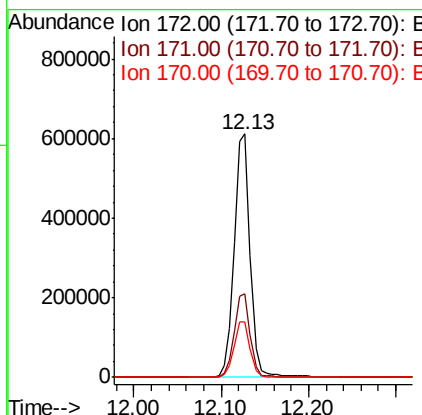
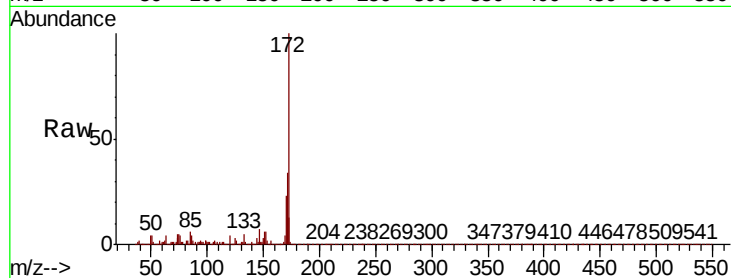




#45
2-Fluorobiphenyl
Concen: 62.407 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001221.D
Acq: 05 Dec 2019 19:57

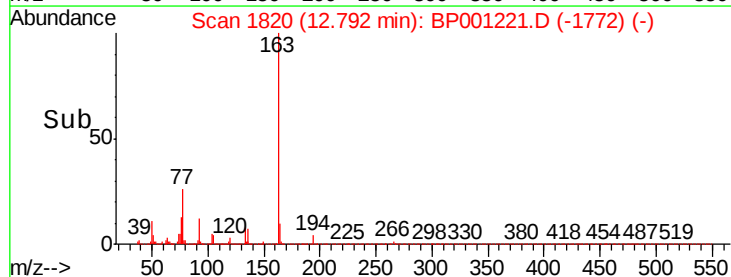
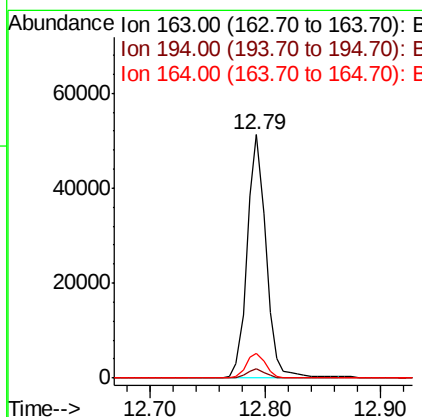
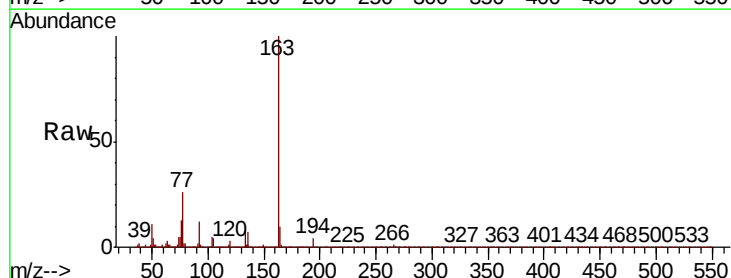
Instrument :
BNA_P
ClientSampleId :

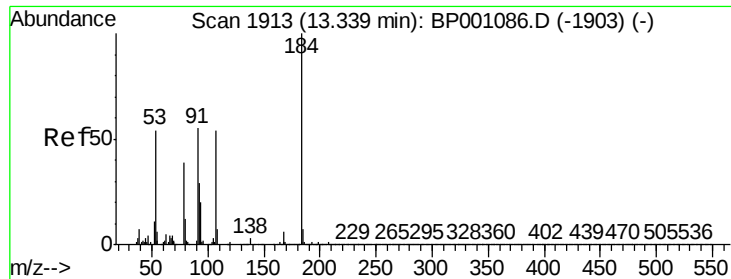
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.7	43.1
170	23.0	19.2	28.8



#50
Dimethylphthalate
Concen: 4.376 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BP001221.D
Acq: 05 Dec 2019 19:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	10.3	8.2	12.4

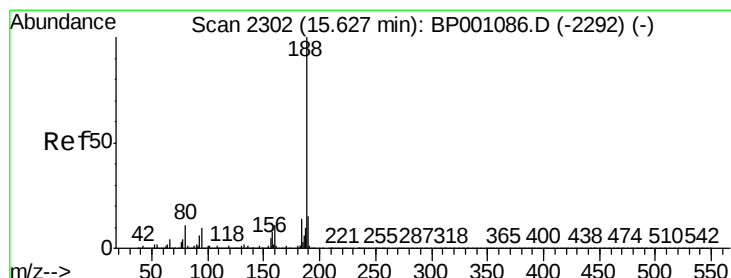
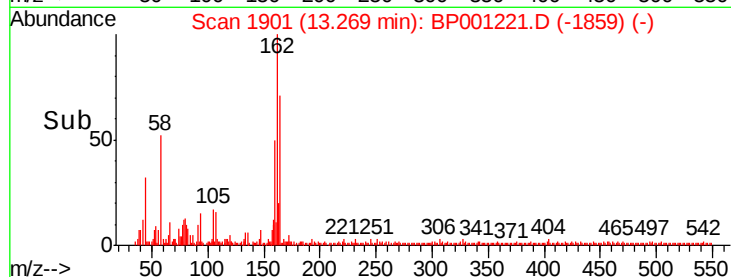
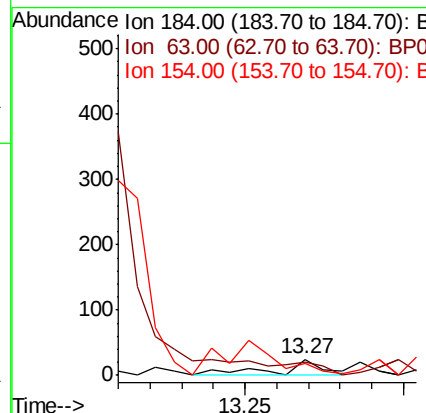
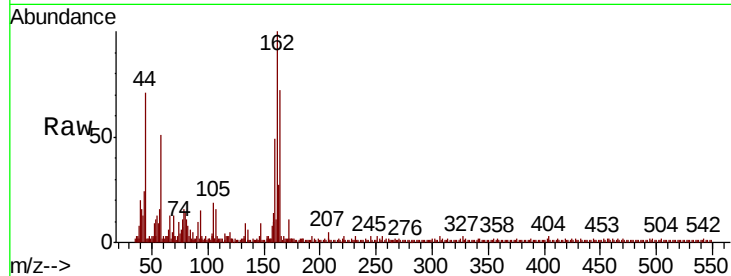




#54
2,4-Dinitrophenol
Concen: 7.129 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.05 min
Lab File: BP001221.D
Acq: 05 Dec 2019 19:57

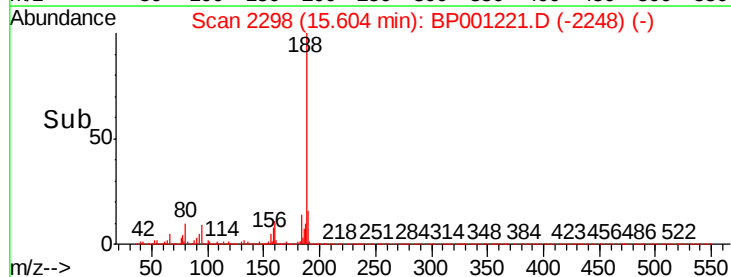
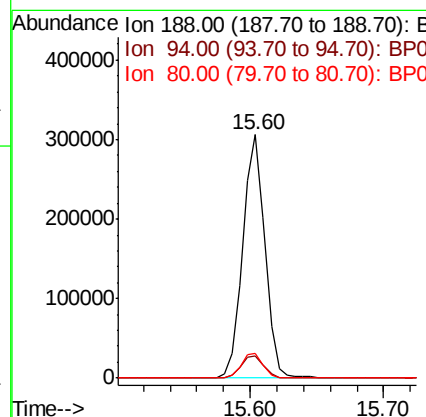
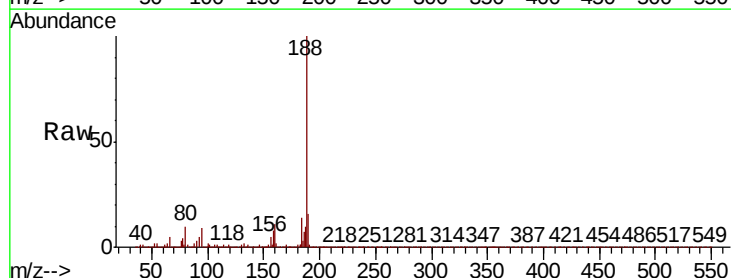
Instrument :
BNA_P
ClientSampleId :

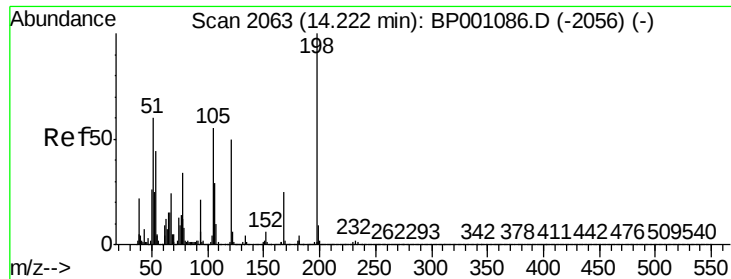
Tot Ion:184 Resp: 25
Ion Ratio Lower Upper
184 100
63 84.0 69.4 104.0
154 76.0 57.4 86.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001221.D
Acq: 05 Dec 2019 19:57

Tgt Ion:188 Resp: 352547
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 10.3 7.8 11.6





#65

4,6-Dinitro-2-methylphenol

Concen: 6.287 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.25 min

Lab File: BP001221.D

Acq: 05 Dec 2019 19:57

Instrument :

BNA_P

ClientSampleId :

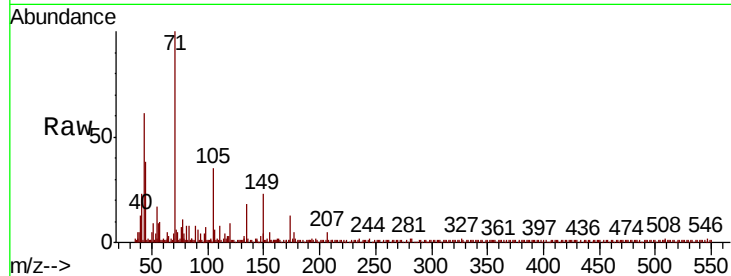
Tot Ion:198 Resp: 19

Ion Ratio Lower Upper

198 100

51 641.2 36.2 76.2#

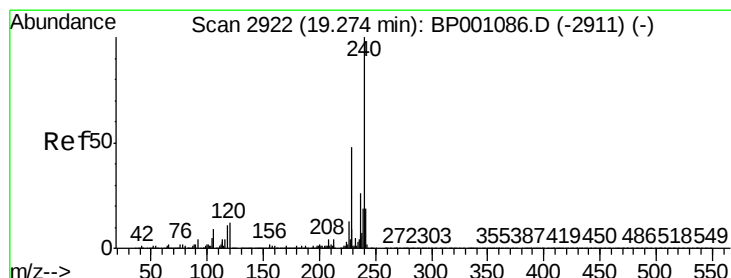
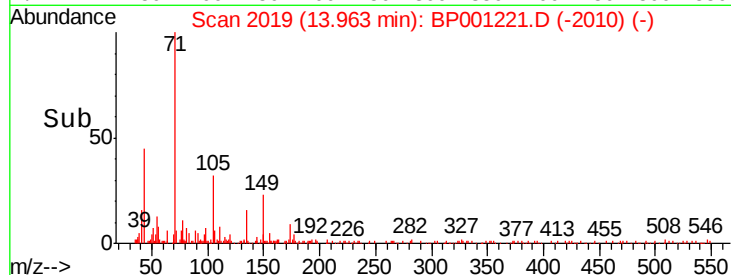
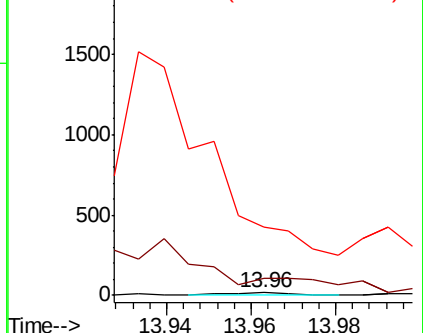
105 2500.0 30.2 70.2#



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: 19.24 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BP001221.D

Acq: 05 Dec 2019 19:57

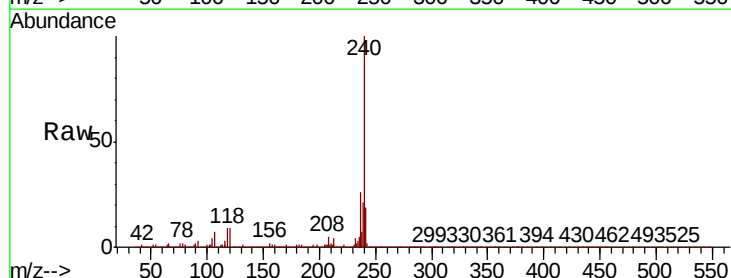
Tgt Ion:240 Resp: 286586

Ion Ratio Lower Upper

240 100

120 9.4 7.0 10.6

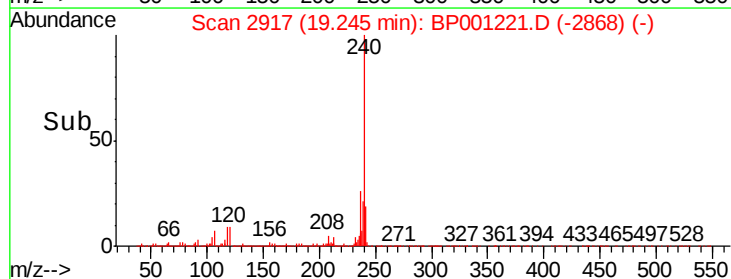
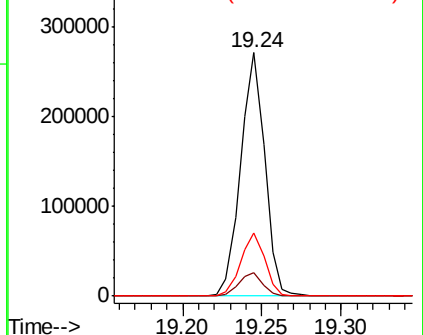
236 26.2 21.7 32.5

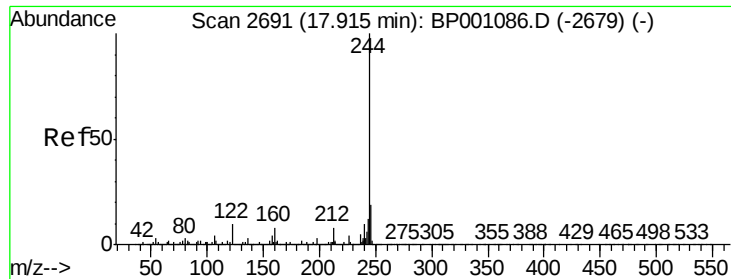


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

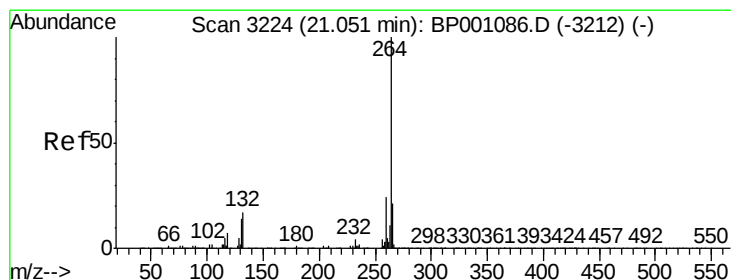
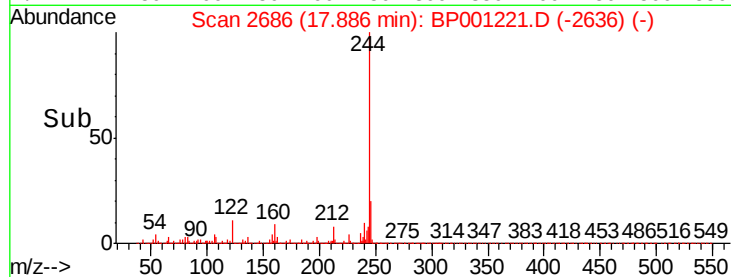
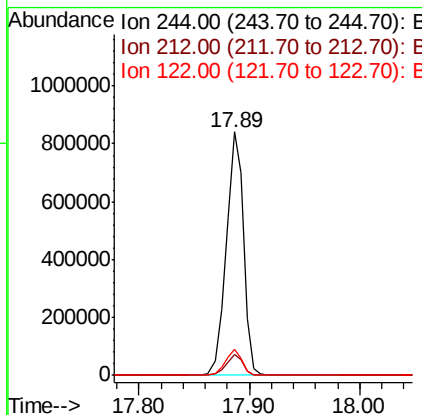
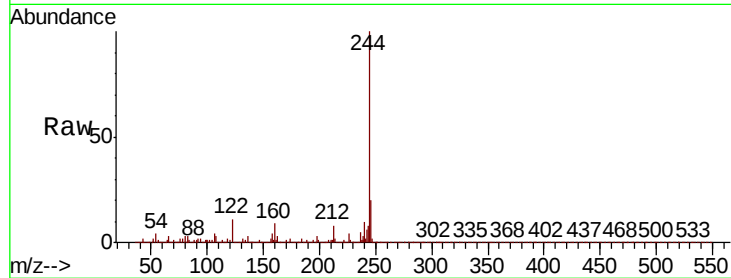




#79
 Terphenyl-d14
 Concen: 59.486 ng
 RT: 17.89 min Scan# 2686
 Delta R.T. -0.01 min
 Lab File: BP001221.D
 Acq: 05 Dec 2019 19:57

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:244 Resp: 921465
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 9.8
 122 10.8 9.2 13.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.02 min Scan# 3218
 Delta R.T. -0.01 min
 Lab File: BP001221.D
 Acq: 05 Dec 2019 19:57

Tgt Ion:264 Resp: 302770
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 21.3 17.1 25.7

