

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
 Data File : BP001214.D
 Acq On : 05 Dec 2019 16:28
 Operator : JU
 Sample : K6100-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 06 06:04:53 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

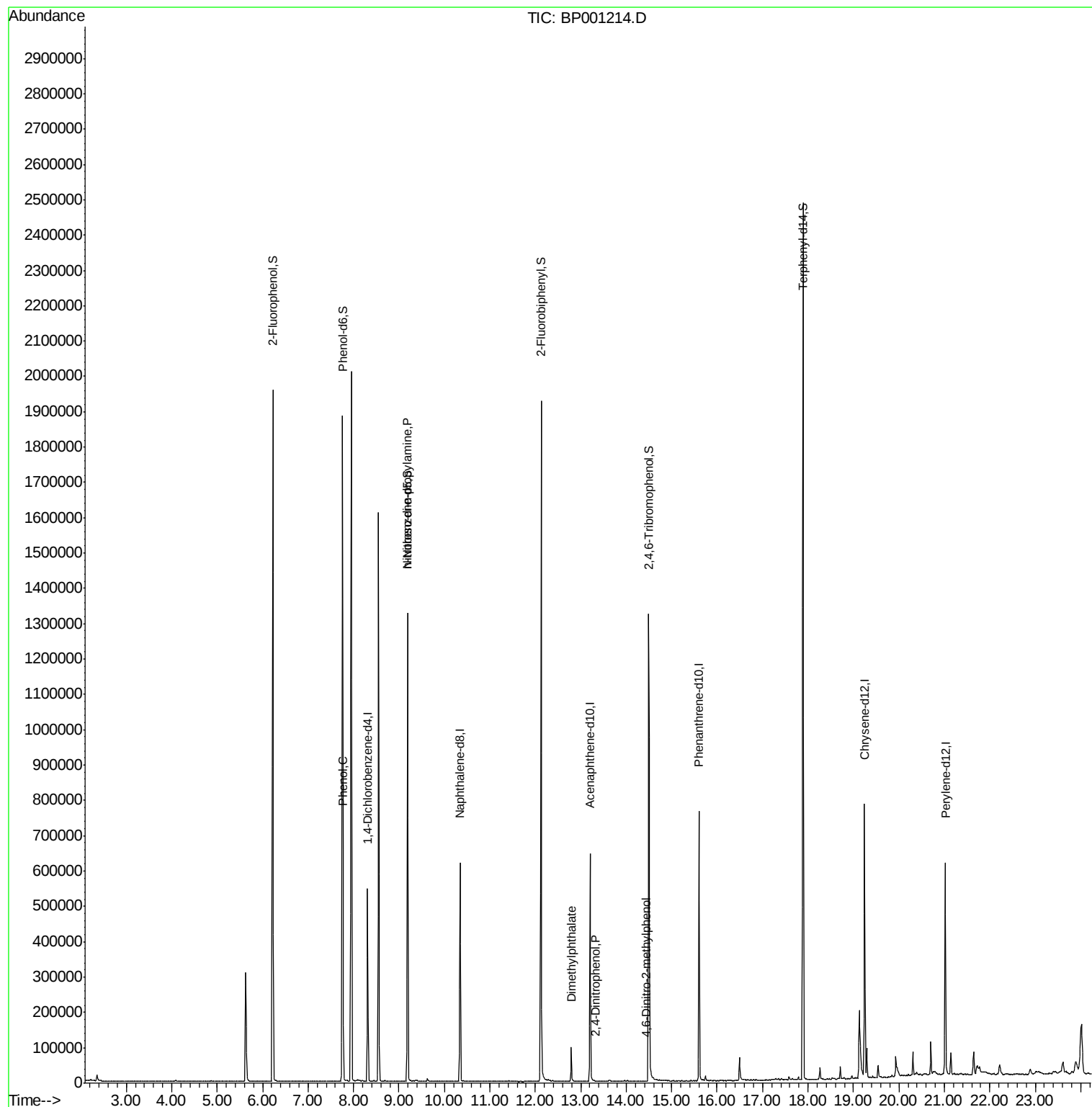
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	88870	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	318207	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	172670	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	335913	20.00	ng	0.00
76) Chrysene-d12	19.25	240	283184	20.00	ng	-0.01
87) Perylene-d12	21.02	264	299591	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	586798	109.55	ng	0.01
7) Phenol-d6	7.76	99	782383	109.63	ng	0.00
23) Nitrobenzene-d5	9.19	82	527008	71.85	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	177695	107.37	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	803743	68.13	ng	0.00
79) Terphenyl-d14	17.89	244	983134	64.23	ng	0.00
Target Compounds						
9) Benzaldehyde	7.62	77	158	Below Cal	Qvalue	# 30
10) Phenol	7.78	94	26343	3.245 ng	#	76
19) n-Nitroso-di-n-propylamine	9.19	70	75775	14.715 ng	#	78
50) Dimethylphthalate	12.79	163	46094	3.569 ng	#	99
54) 2,4-Dinitrophenol	13.32	184	15	7.121 ng	#	55
65) 4,6-Dinitro-2-methylphenol	14.43	198	19	6.288 ng	#	14

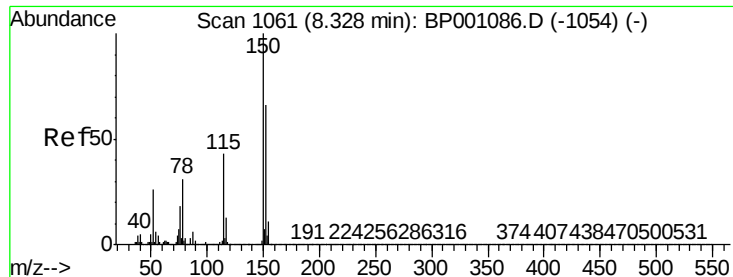
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 13 Sample Multiplier: 1

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Quant Time: Dec 06 06:04:53 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: BP001214.D

Acq: 05 Dec 2019 16:28

Instrument :

BNA_P

ClientSampleId :

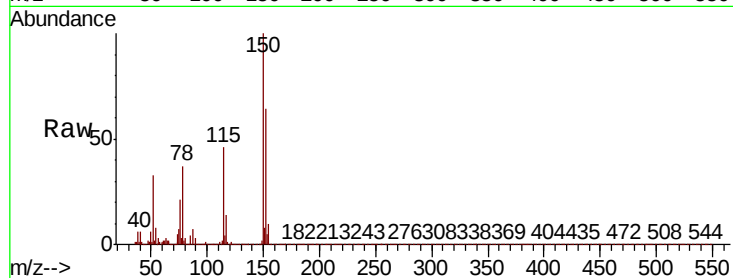
Tot Ion:152 Resp: 88870

Ion Ratio Lower Upper

152 100

150 155.4 127.3 190.9

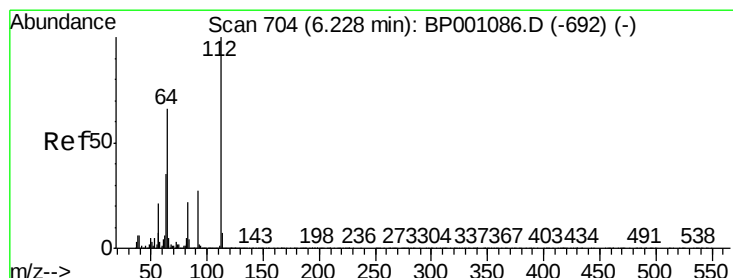
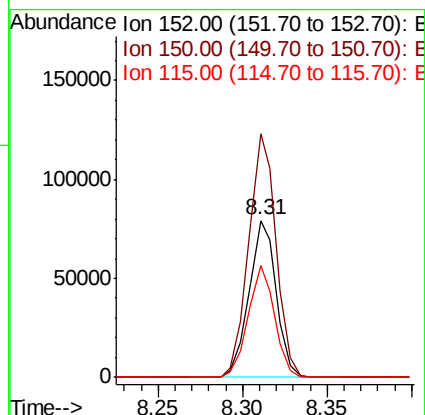
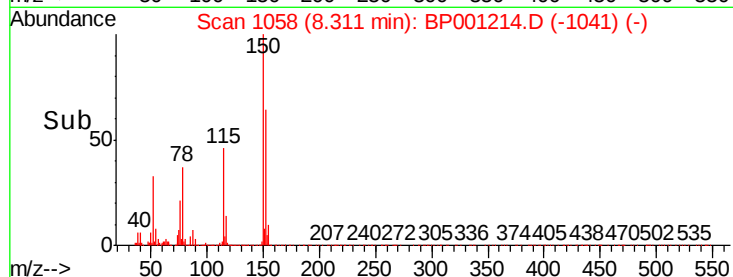
115 71.1 56.0 84.0



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: 109.547 ng

RT: 6.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BP001214.D

Acq: 05 Dec 2019 16:28

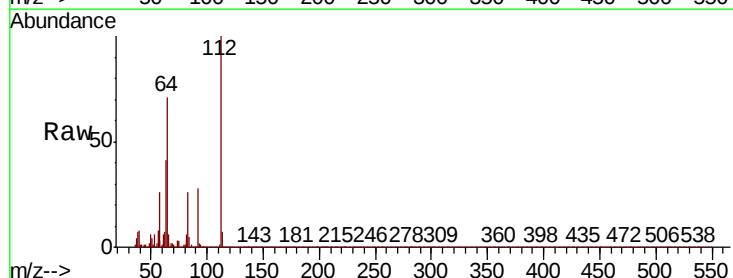
Tgt Ion:112 Resp: 586798

Ion Ratio Lower Upper

112 100

64 71.1 56.8 85.2

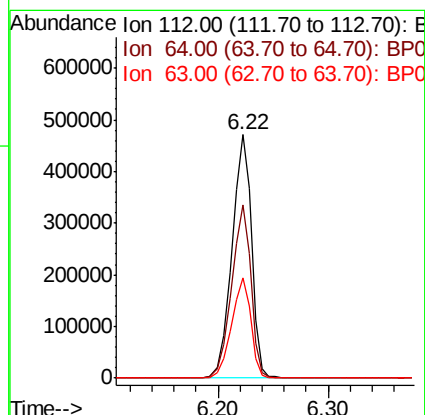
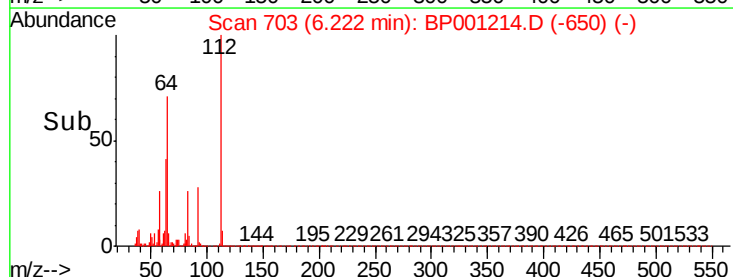
63 41.3 32.2 48.2

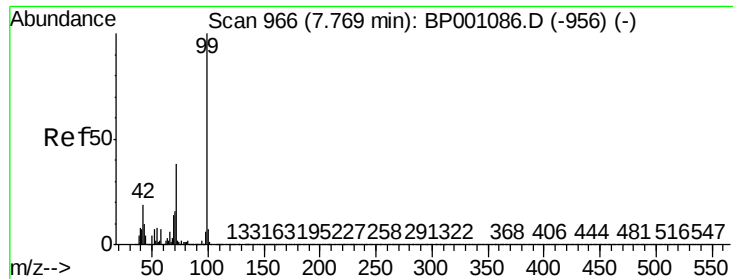


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 109.634 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001214.D

Acq: 05 Dec 2019 16:28

Instrument :

BNA_P

ClientSampleId :

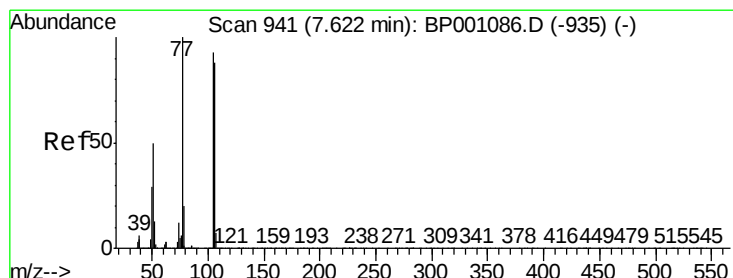
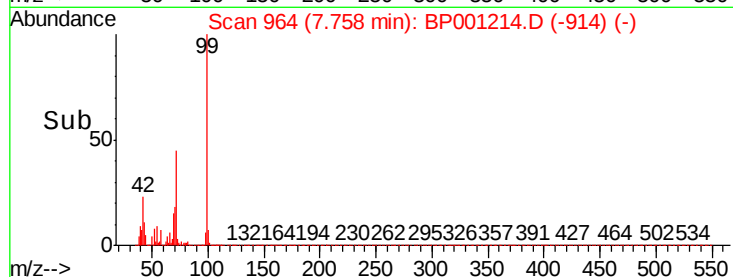
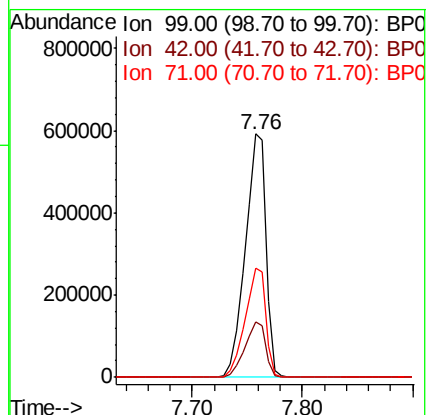
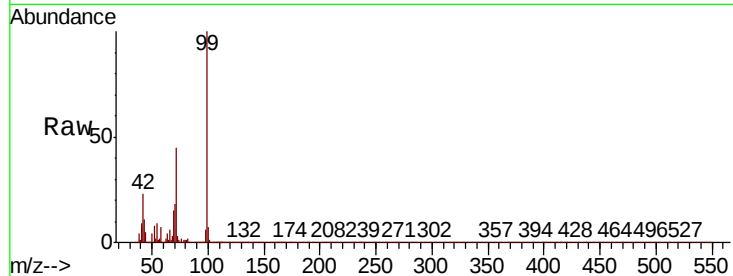
Tot Ion: 99 Resp: 782383

Ion Ratio Lower Upper

99 100

42 23.0 17.6 26.4

71 44.9 33.8 50.8



#9

Benzaldehyde

Concen: Below Cal

RT: 7.62 min Scan# 941

Delta R.T. 0.01 min

Lab File: BP001214.D

Acq: 05 Dec 2019 16:28

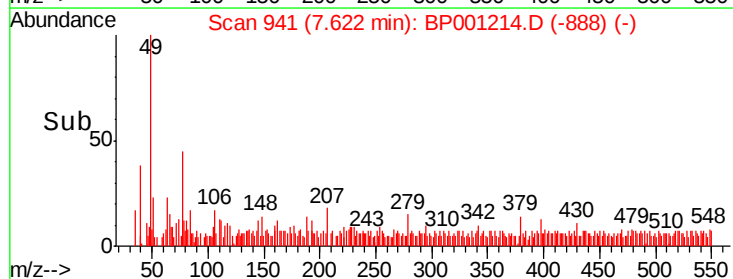
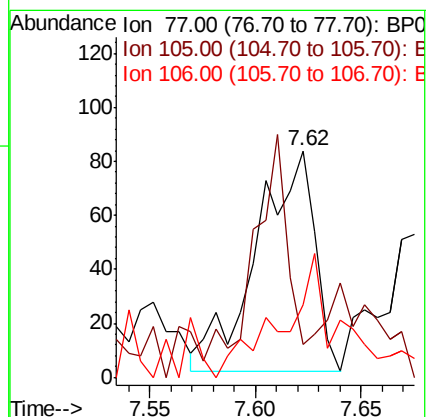
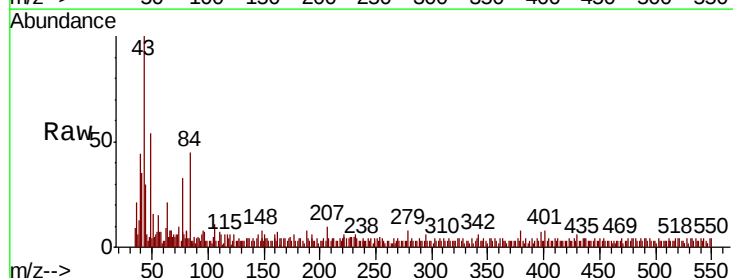
Tgt Ion: 77 Resp: 158

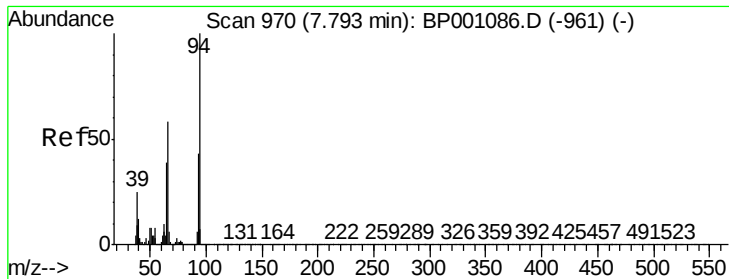
Ion Ratio Lower Upper

77 100

105 14.3 69.7 109.7#

106 32.1 67.1 107.1#





#10

Phenol

Concen: 3.245 ng

RT: 7.78 min Scan# 967

Delta R.T. -0.01 min

Lab File: BP001214.D

Acq: 05 Dec 2019 16:28

Instrument :

BNA_P

ClientSampled :

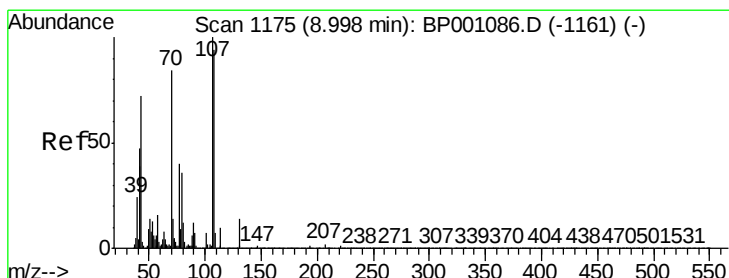
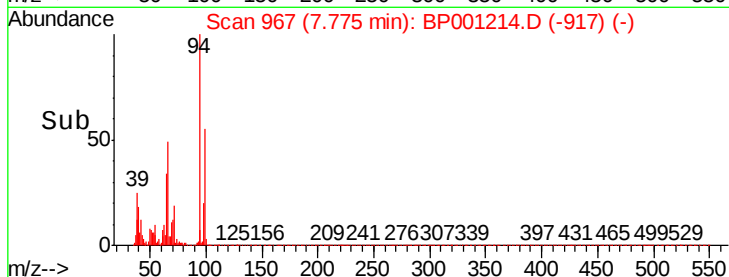
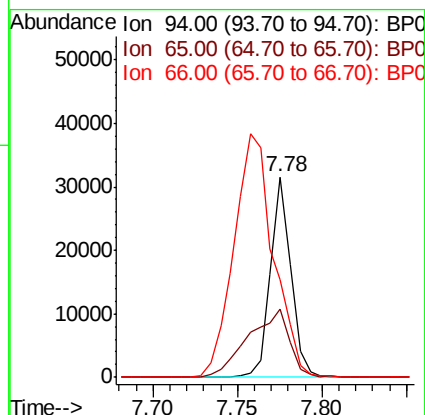
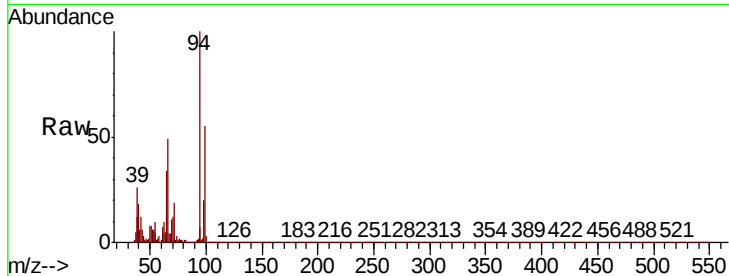
Tot Ion: 94 Resp: 26343

Ion Ratio Lower Upper

94 100

65 34.1 25.6 65.6

66 48.6 52.6 92.6#



#19

n-Nitroso-di-n-propylamine

Concen: 14.715 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.21 min

Lab File: BP001214.D

Acq: 05 Dec 2019 16:28

Tgt Ion: 70 Resp: 75775

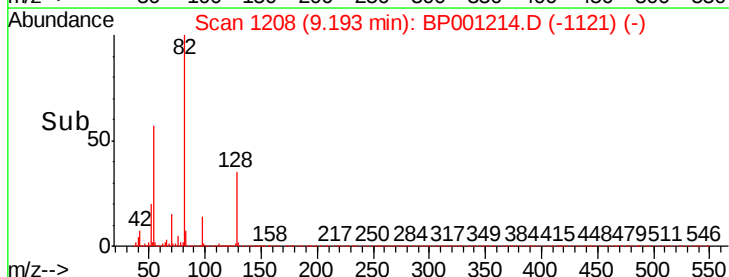
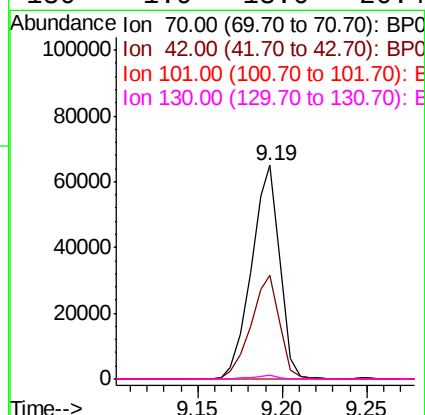
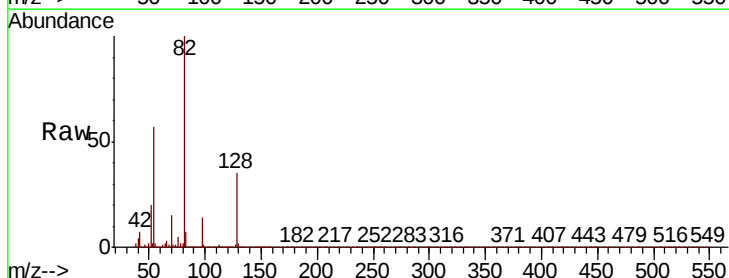
Ion Ratio Lower Upper

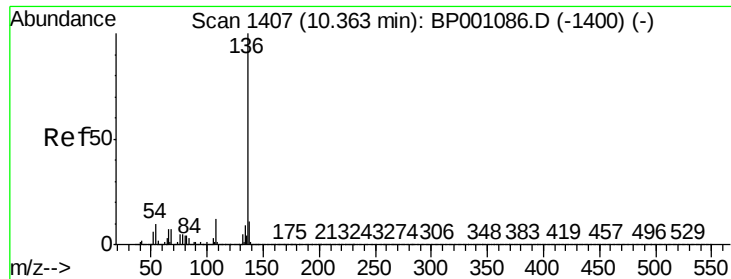
70 100

42 48.6 50.6 76.0#

101 0.0 7.1 10.7#

130 1.9 13.6 20.4#

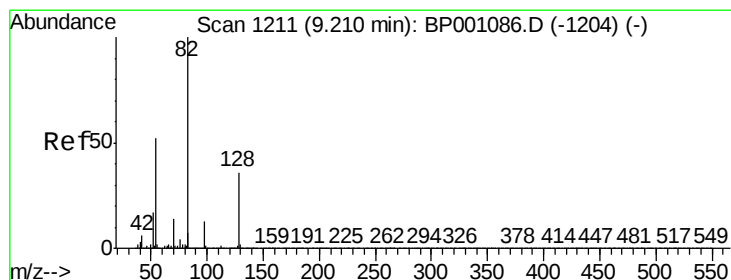
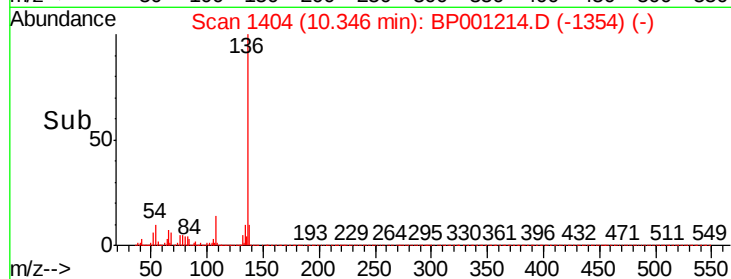
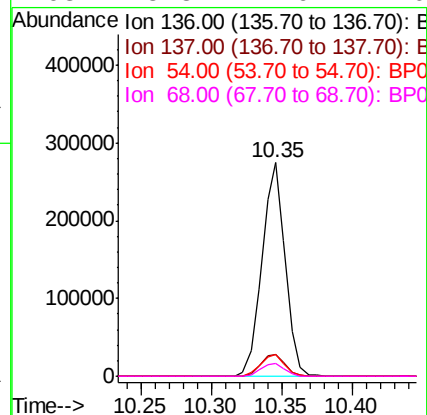
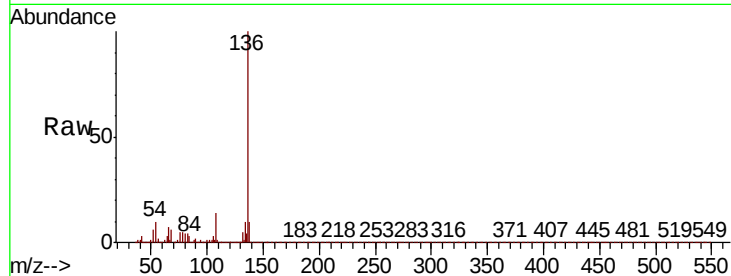




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001214.D
Acq: 05 Dec 2019 16:28

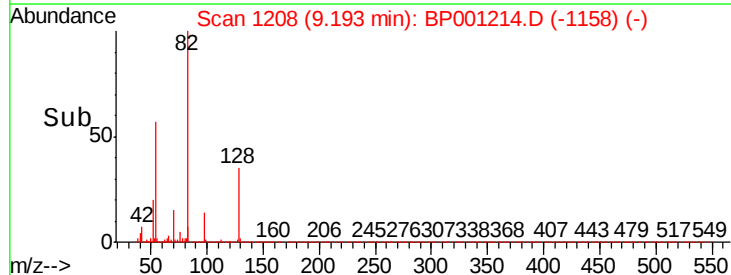
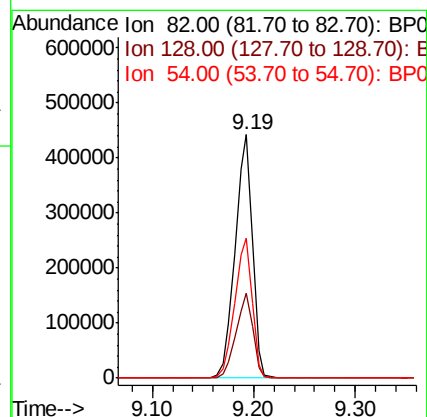
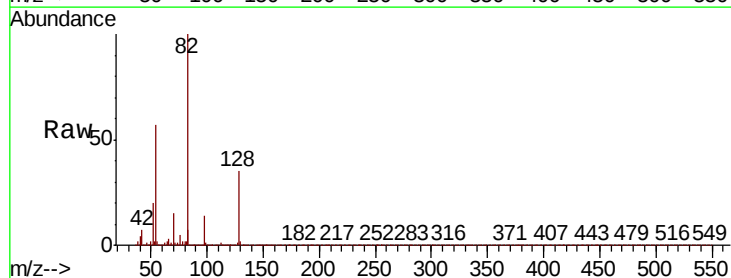
Instrument :
BNA_P
ClientSampleId :

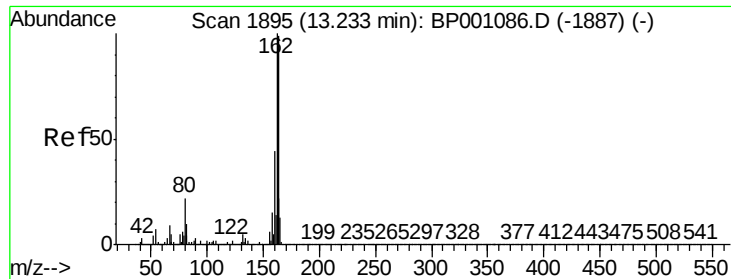
Tot Ion:136	Resp:	318207
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.4	12.6
54 10.3	7.4	11.0
68 5.8	4.6	7.0



#23
Nitrobenzene-d5
Concen: 71.855 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001214.D
Acq: 05 Dec 2019 16:28

Tgt Ion: 82	Resp: 527008
Ion Ratio	Lower Upper
82 100	
128 35.1	27.5 41.3
54 57.4	45.7 68.5

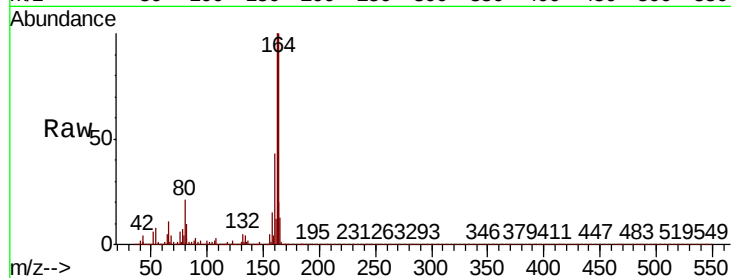




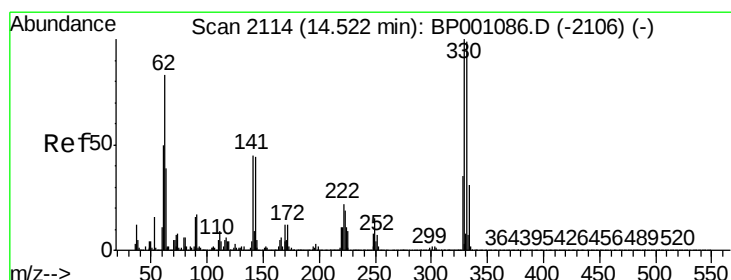
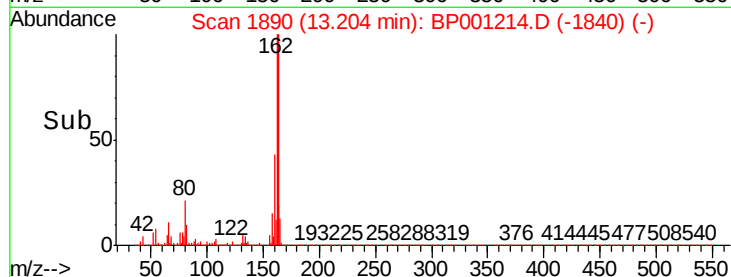
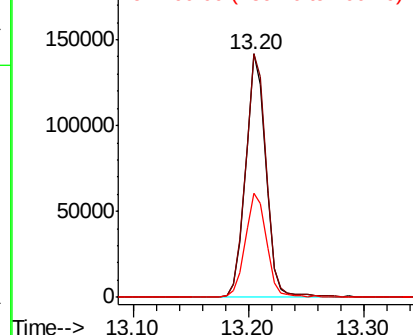
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001214.D
Acq: 05 Dec 2019 16:28

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.7	121.1
160	42.5	36.3	54.5

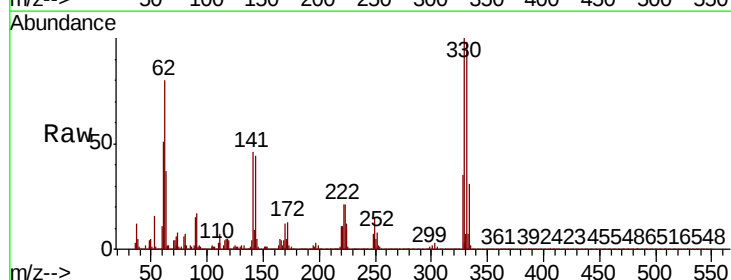


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

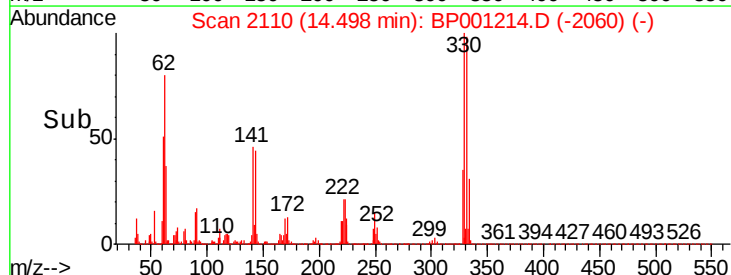
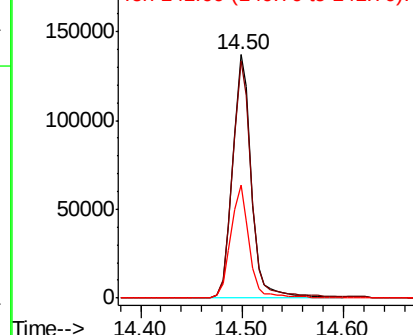


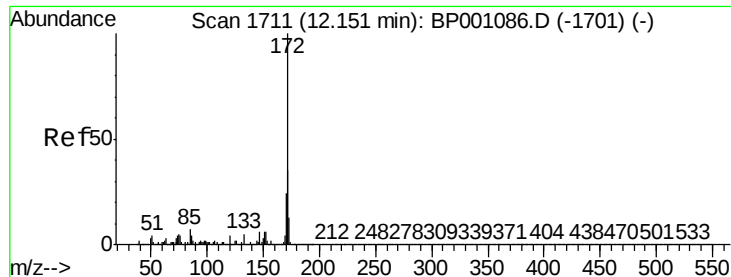
#42
2,4,6-Tribromophenol
Concen: 107.366 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001214.D
Acq: 05 Dec 2019 16:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.2	79.1	118.7
141	45.8	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

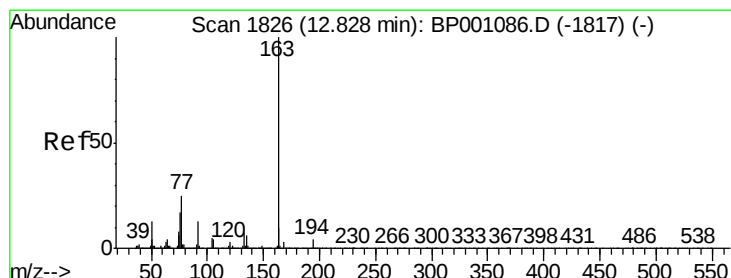
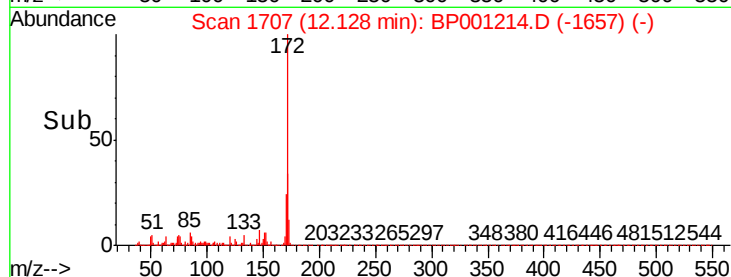
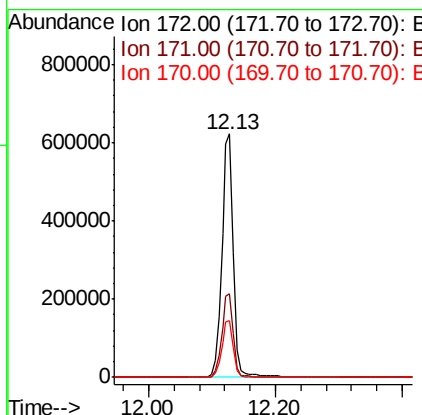
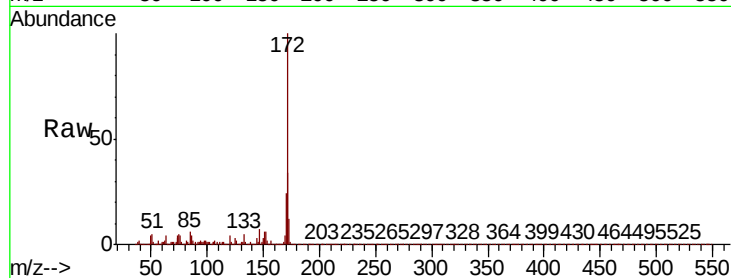




#45
2-Fluorobiphenyl
Concen: 68.126 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001214.D
Acq: 05 Dec 2019 16:28

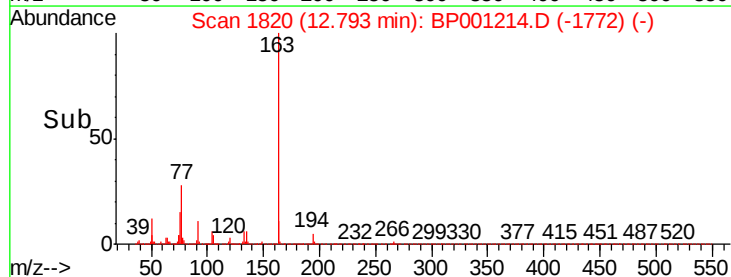
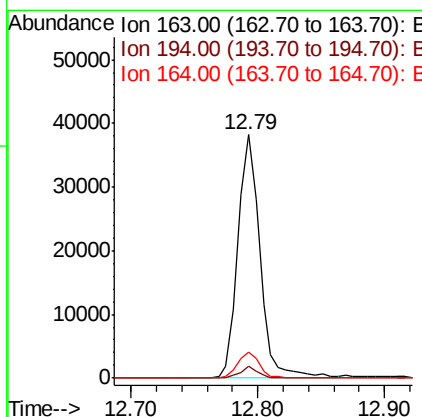
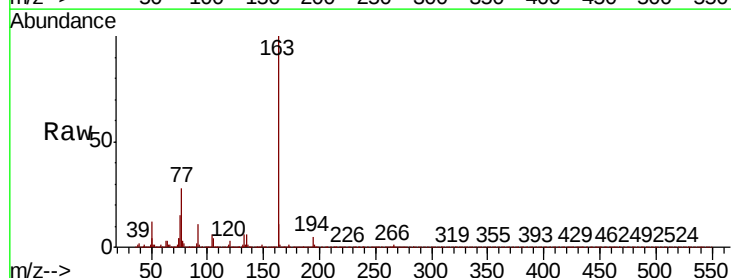
Instrument :
BNA_P
ClientSampleId :

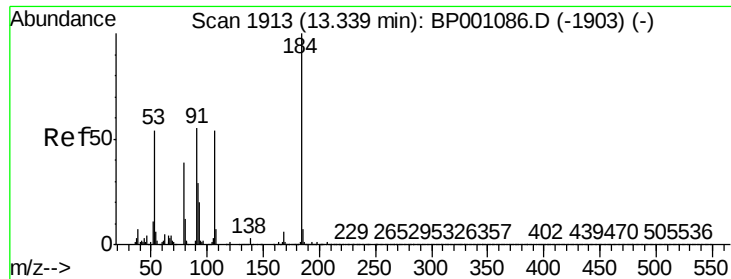
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.7	43.1
170	23.6	19.2	28.8



#50
Dimethylphthalate
Concen: 3.569 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BP001214.D
Acq: 05 Dec 2019 16:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.1	4.7#
164	10.5	8.2	12.4

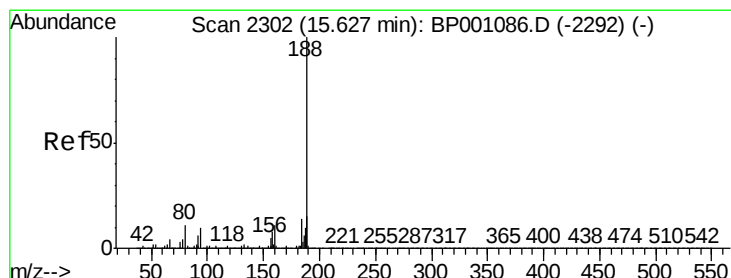
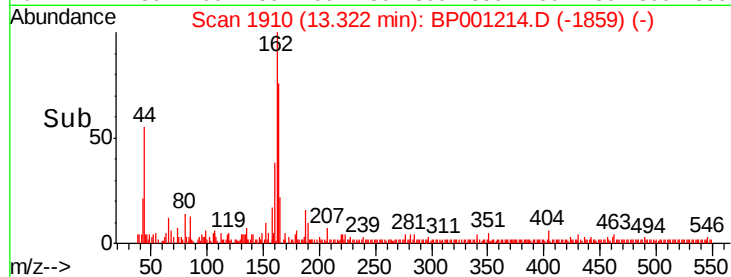
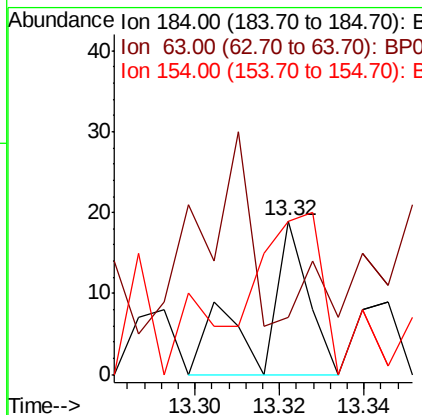
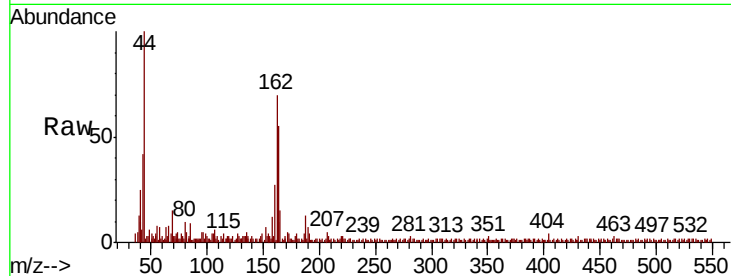




#54
2,4-Dinitrophenol
Concen: 7.121 ng
RT: 13.32 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BP001214.D
Acq: 05 Dec 2019 16:28

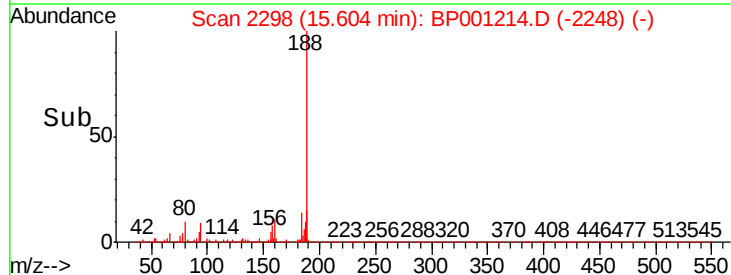
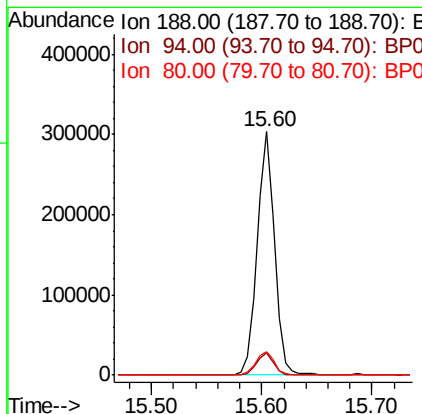
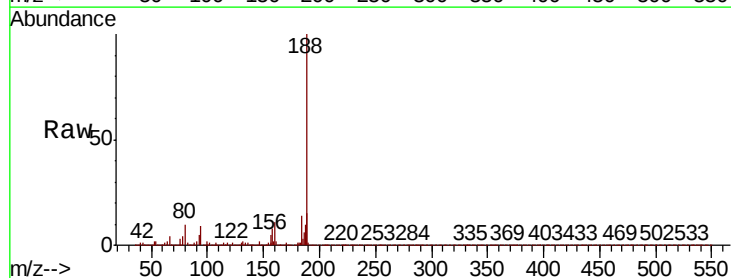
Instrument :
BNA_P
ClientSampleId :

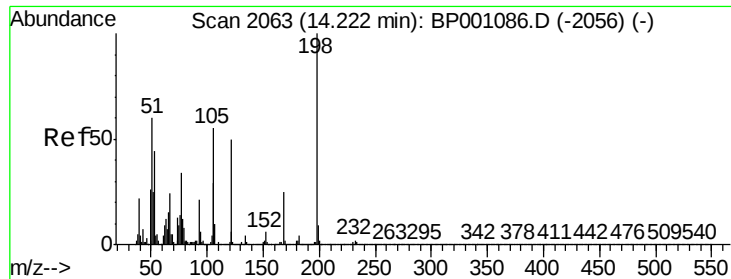
Tot Ion:184 Resp: 15
Ion Ratio Lower Upper
184 100
63 36.8 69.4 104.0#
154 100.0 57.4 86.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001214.D
Acq: 05 Dec 2019 16:28

Tgt Ion:188 Resp: 335913
Ion Ratio Lower Upper
188 100
94 9.0 7.1 10.7
80 9.9 7.8 11.6

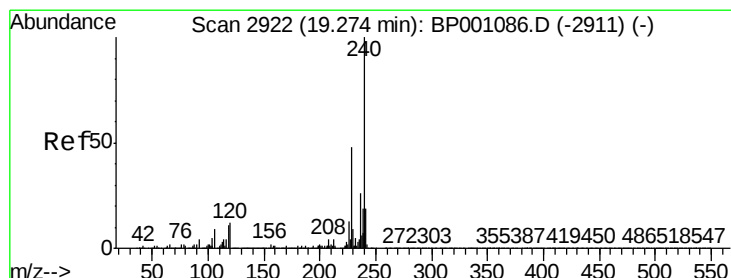
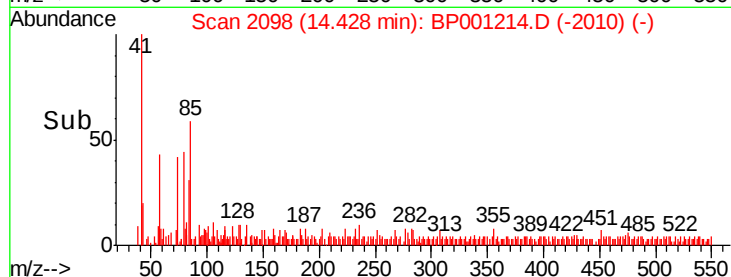
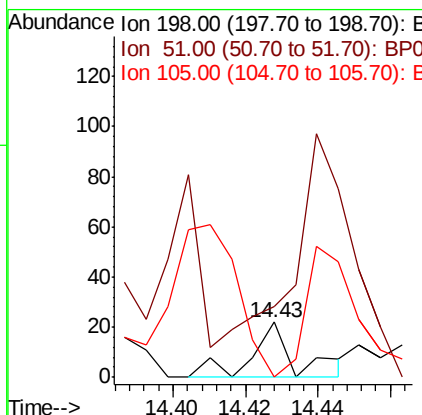
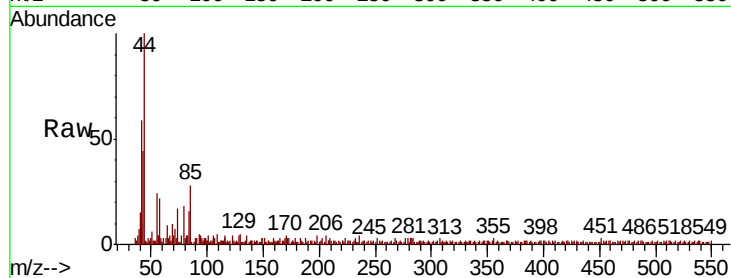




#65
4,6-Dinitro-2-methylphenol
Concen: 6.288 ng
RT: 14.43 min Scan# 2098
Delta R.T. 0.22 min
Lab File: BP001214.D
Acq: 05 Dec 2019 16:28

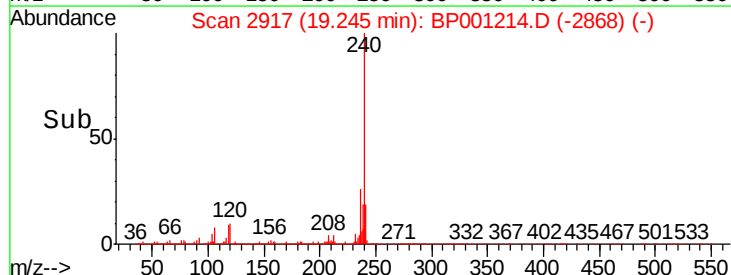
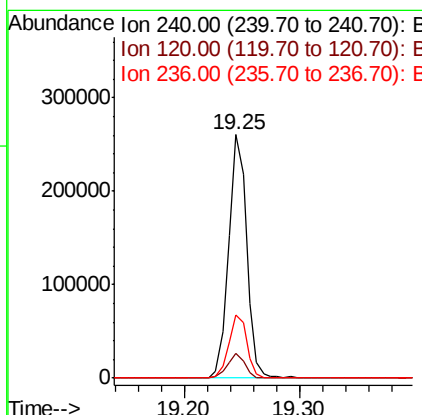
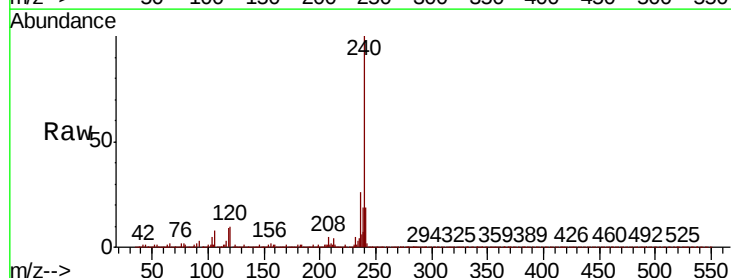
Instrument :
BNA_P
ClientSampleId :

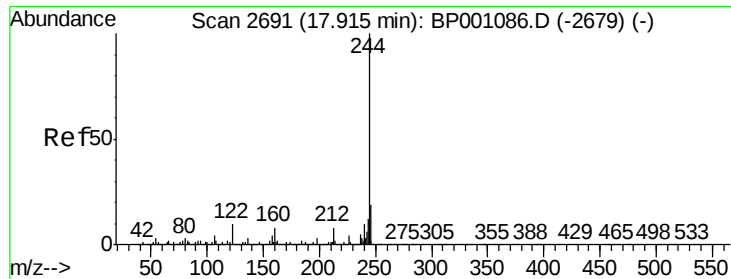
Tot Ion:198 Resp: 19
Ion Ratio Lower Upper
198 100
51 127.3 36.2 76.2#
105 0.0 30.2 70.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BP001214.D
Acq: 05 Dec 2019 16:28

Tgt Ion:240 Resp: 283184
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.6
236 26.0 21.7 32.5





#79

Terphenyl-d14

Concen: 64.230 ng

RT: 17.89 min Scan# 2687

Delta R.T. 0.00 min

Lab File: BP001214.D

Acq: 05 Dec 2019 16:28

Instrument :

BNA_P

ClientSampled :

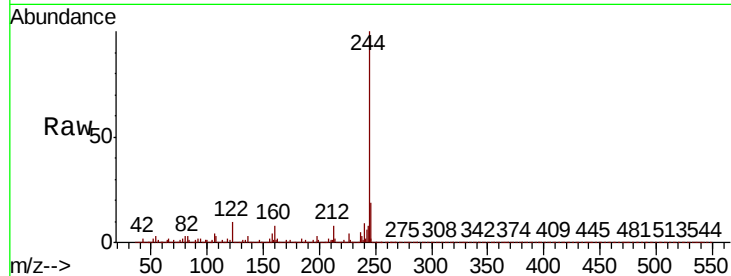
Tot Ion:244 Resp: 983134

Ion Ratio Lower Upper

244 100

212 7.7 6.6 9.8

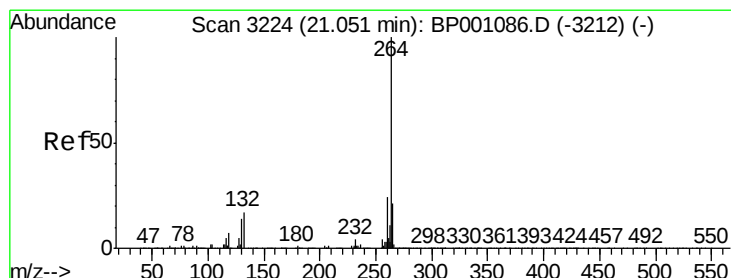
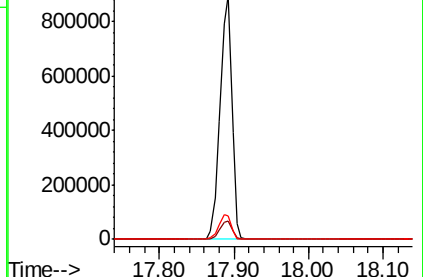
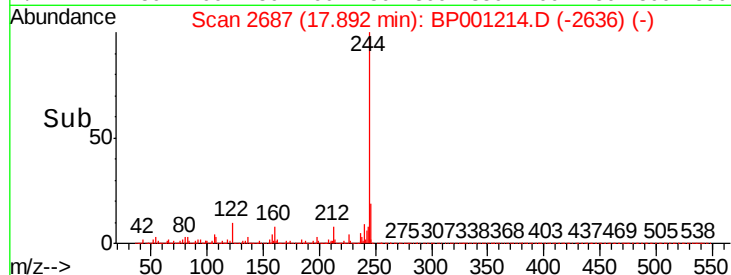
122 9.6 9.2 13.8



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

Perylene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3219

Delta R.T. -0.01 min

Lab File: BP001214.D

Acq: 05 Dec 2019 16:28

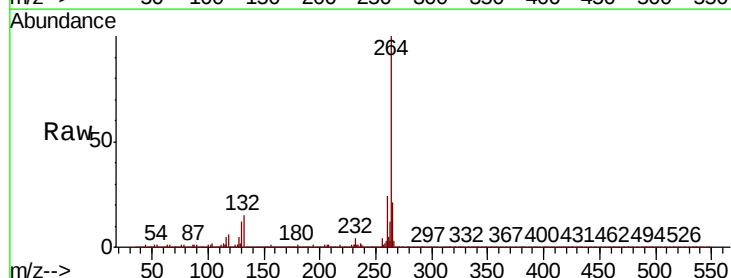
Tgt Ion:264 Resp: 299591

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 21.1 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

