

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
 Data File : BP001284.D
 Acq On : 09 Dec 2019 22:14
 Operator : JU
 Sample : K6188-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 10 04:25:27 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

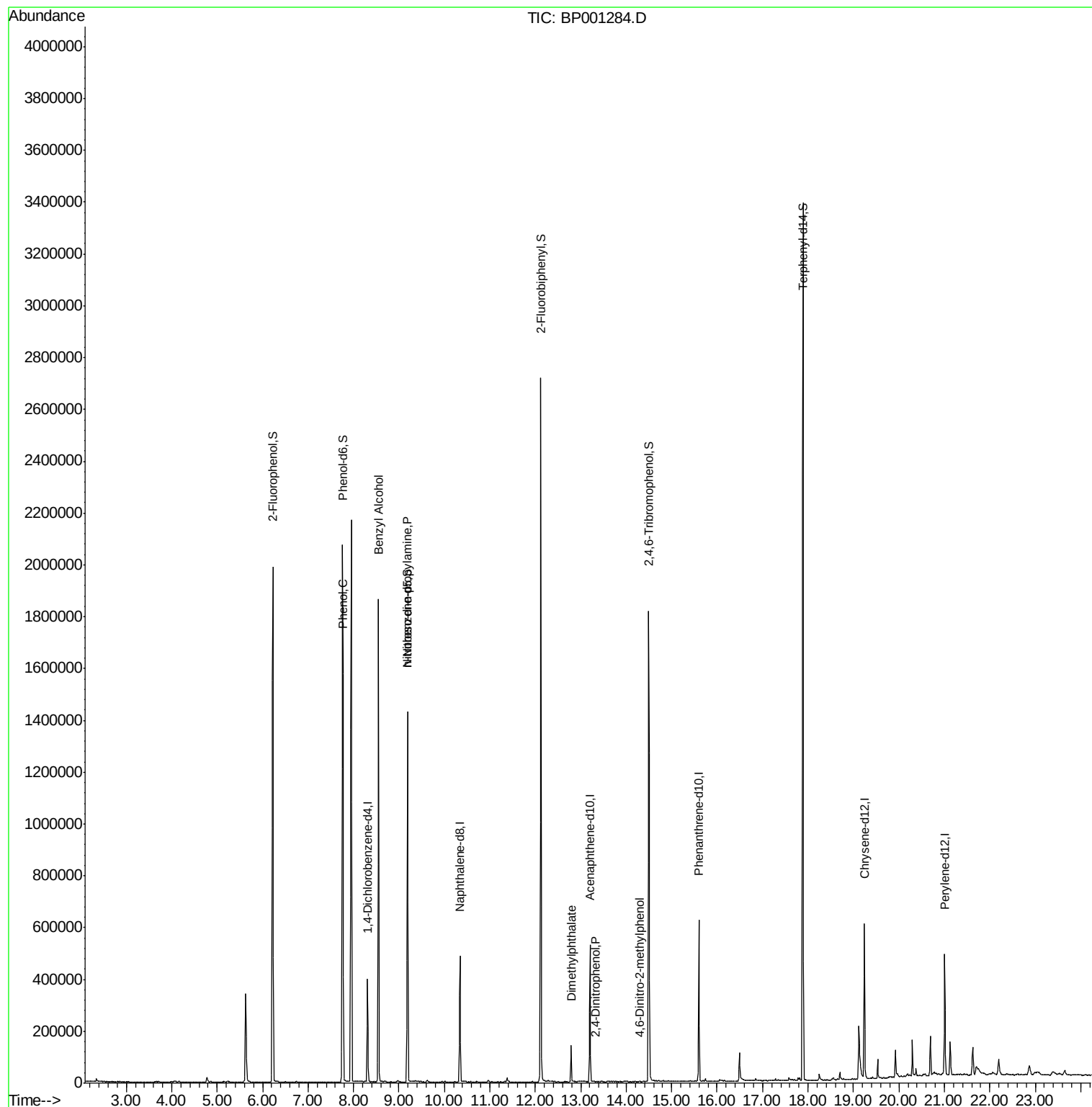
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	66499	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	242035	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	140172	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	270021	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	217533	20.00	ng	-0.02
87) Perylene-d12	21.01	264	237698	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	619412	154.54	ng	0.01
7) Phenol-d6	7.76	99	861239	161.28	ng	0.00
23) Nitrobenzene-d5	9.19	82	597996	107.19	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	239615	178.34	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1023861	106.90	ng	-0.01
79) Terphenyl-d14	17.89	244	1284113	109.21	ng	0.00
Target Compounds						
9) Benzaldehyde	7.60	77	87	Below Cal		Qvalue
10) Phenol	7.77	94	46762	7.699 ng	#	27
15) Benzyl Alcohol	8.55	79	12036	2.746 ng	#	51
19) n-Nitroso-di-n-propylamine	9.19	70	87655	22.749 ng	#	77
50) Dimethylphthalate	12.79	163	63284	6.037 ng		99
54) 2,4-Dinitrophenol	13.32	184	7	7.116 ng	#	1
65) 4,6-Dinitro-2-methylphenol	14.29	198	23	6.294 ng	#	25

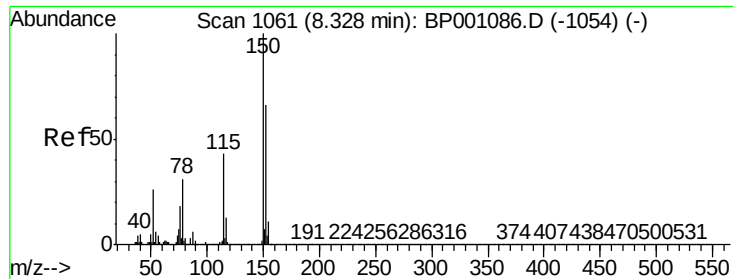
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration

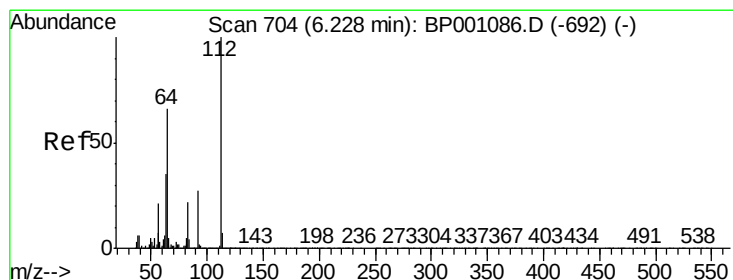
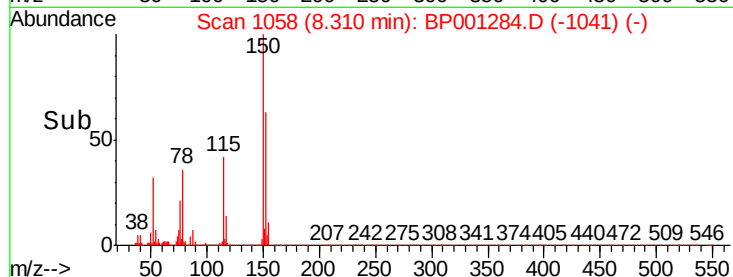
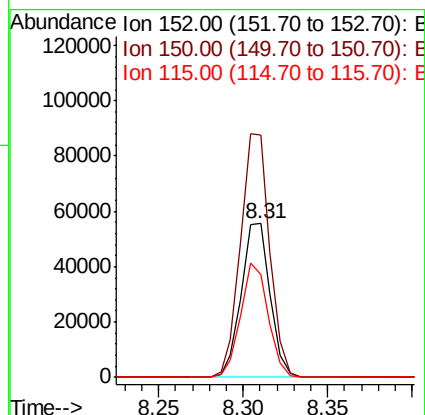
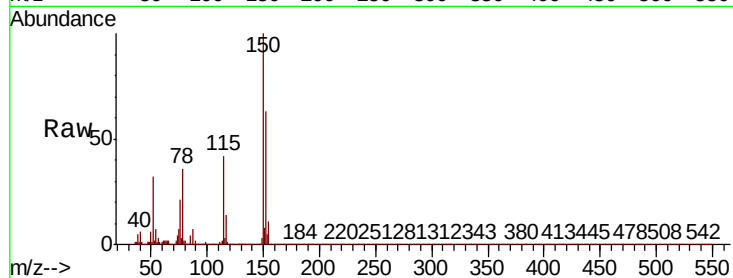




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BP001284.D
 Acq: 09 Dec 2019 22:14

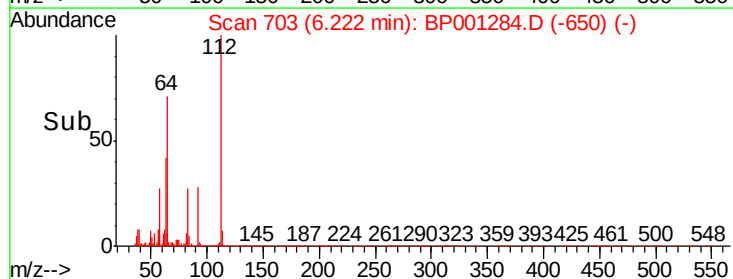
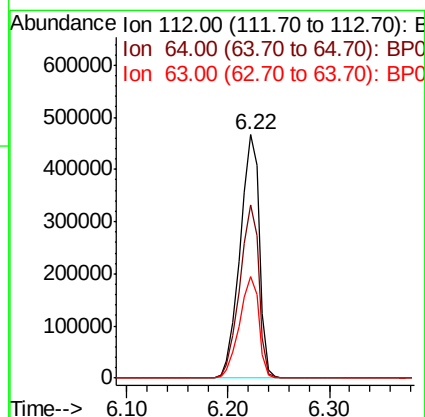
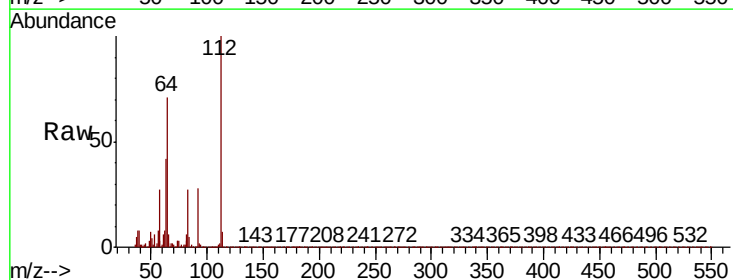
Instrument :
 BNA_P
 ClientSampleId :

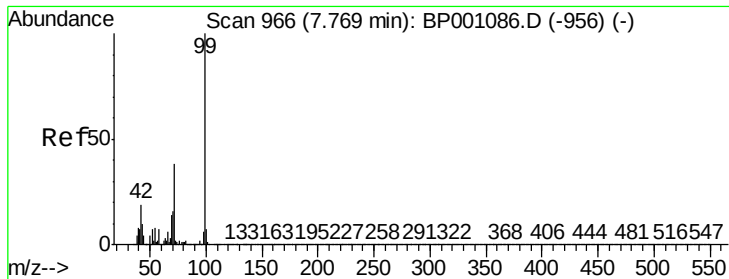
Tot Ion	152	Resp	66499
Ion Ratio	Lower	Upper	
152	100		
150	157.7	127.3	190.9
115	67.0	56.0	84.0



#5
 2-Fluorophenol
 Concen: 154.537 ng
 RT: 6.22 min Scan# 703
 Delta R.T. 0.01 min
 Lab File: BP001284.D
 Acq: 09 Dec 2019 22:14

Tgt Ion	112	Resp	619412
Ion Ratio	Lower	Upper	
112	100		
64	71.1	56.8	85.2
63	41.9	32.2	48.2





#7

Phenol-d6

Concen: 161.284 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BP001284.D

Acq: 09 Dec 2019 22:14

Instrument :

BNA_P

ClientSampleId :

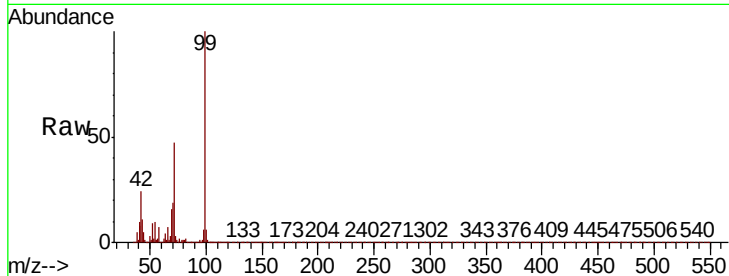
Tot Ion: 99 Resp: 861239

Ion Ratio Lower Upper

99 100

42 23.7 17.6 26.4

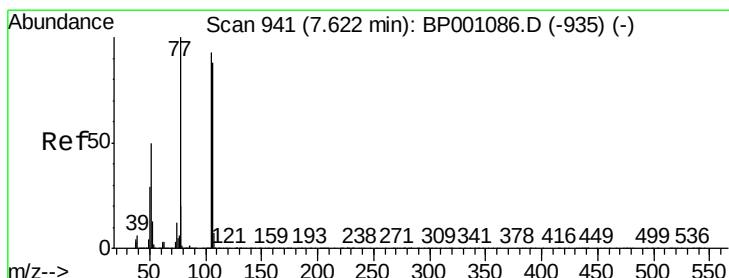
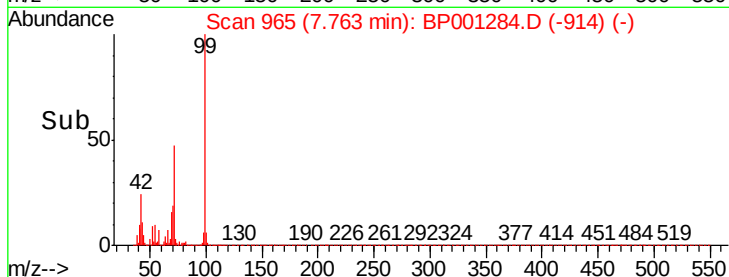
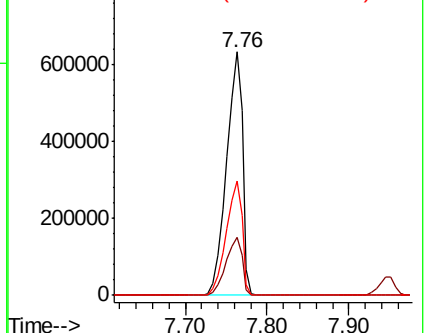
71 47.0 33.8 50.8



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: 7.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BP001284.D

Acq: 09 Dec 2019 22:14

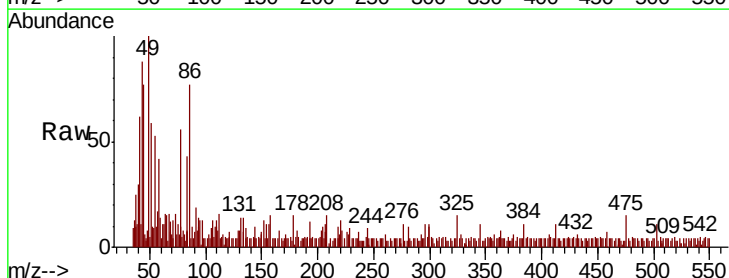
Tgt Ion: 77 Resp: 87

Ion Ratio Lower Upper

77 100

105 15.9 69.7 109.7#

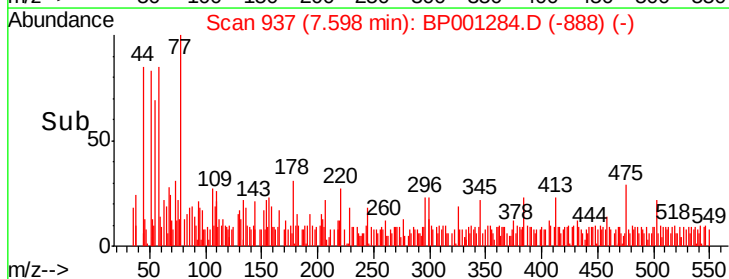
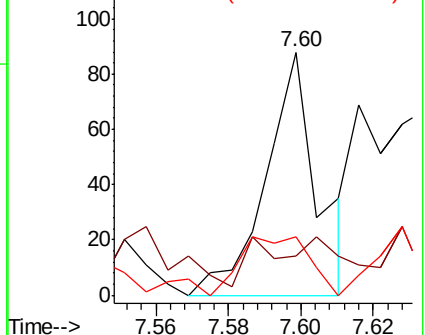
106 23.9 67.1 107.1#

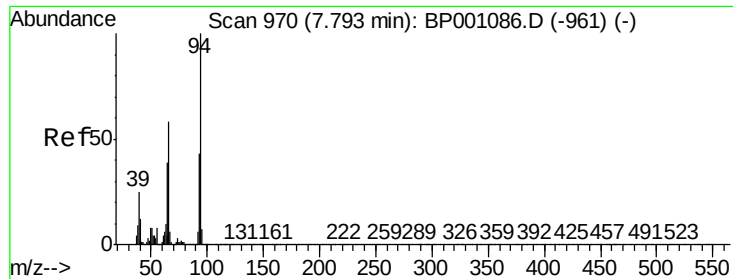


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 7.699 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BP001284.D

Acq: 09 Dec 2019 22:14

Instrument :

BNA_P

ClientSampleId :

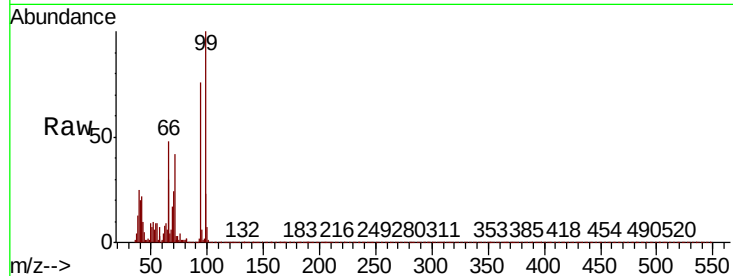
Tot Ion: 94 Resp: 46762

Ion Ratio Lower Upper

94 100

65 39.6 25.6 65.6

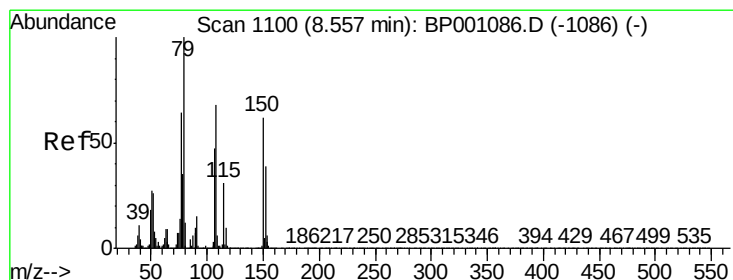
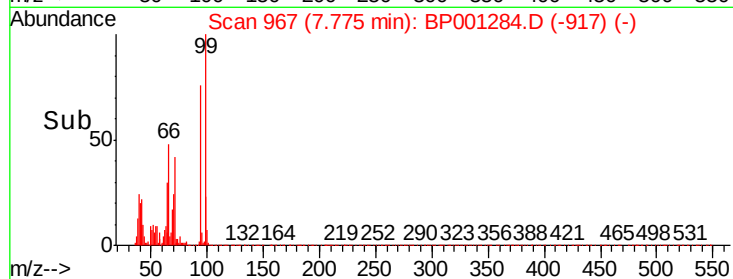
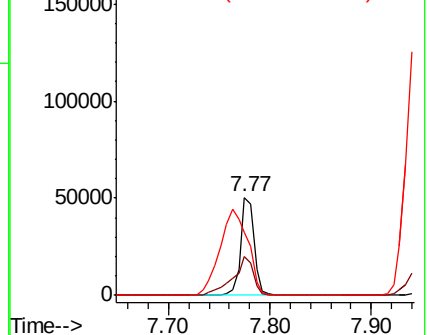
66 63.8 52.6 92.6



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



#15

Benzyl Alcohol

Concen: 2.746 ng

RT: 8.55 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BP001284.D

Acq: 09 Dec 2019 22:14

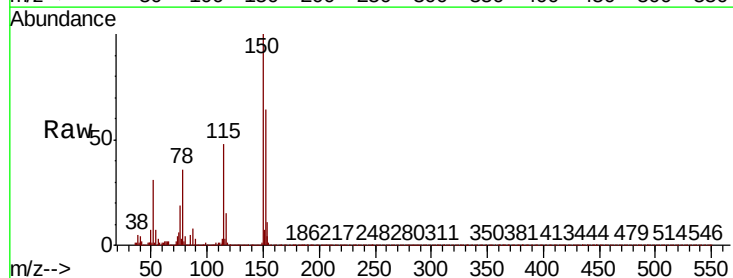
Tgt Ion: 79 Resp: 12036

Ion Ratio Lower Upper

79 100

108 35.4 51.6 77.4#

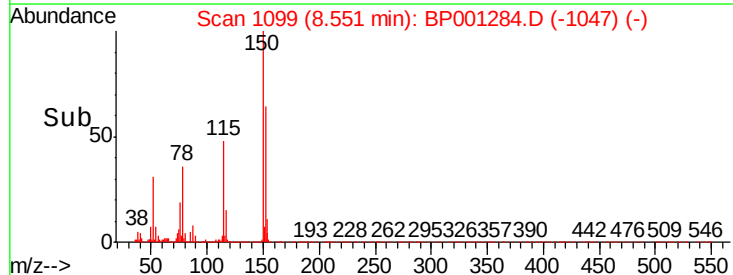
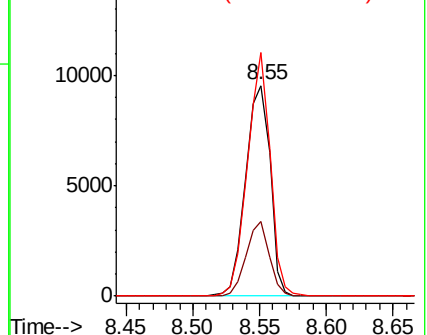
77 115.5 53.5 80.3#

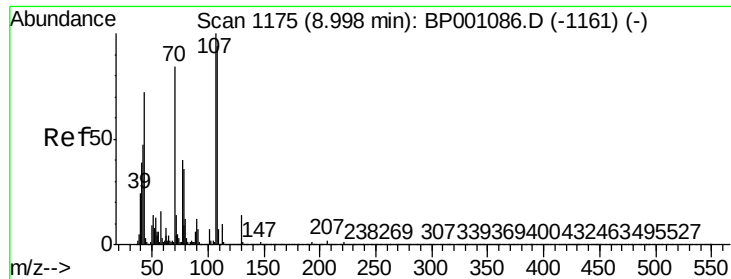


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

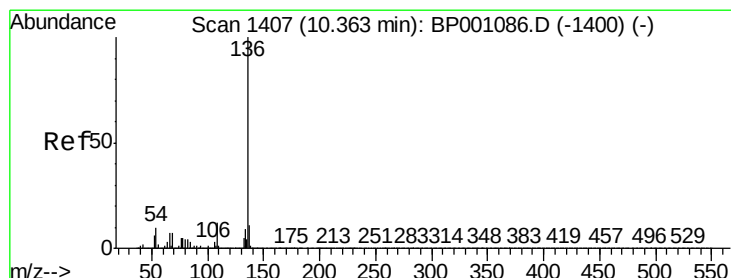
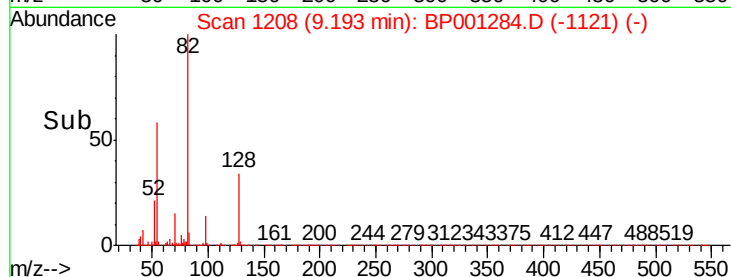
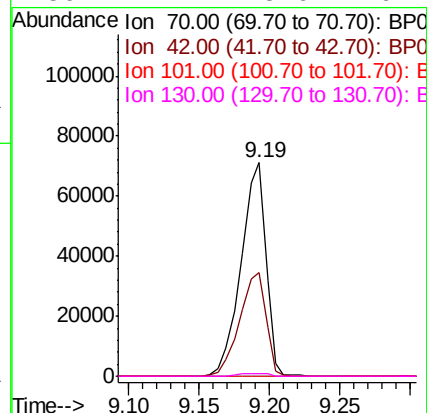
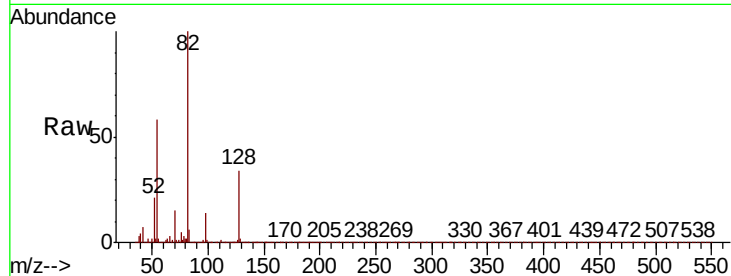




#19
n-Nitroso-di-n-propylamine
Concen: 22.749 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.21 min
Lab File: BP001284.D
Acq: 09 Dec 2019 22:14

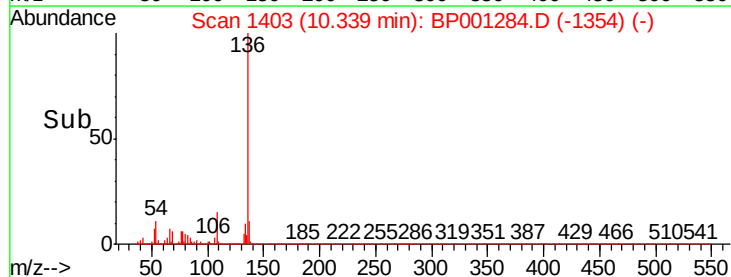
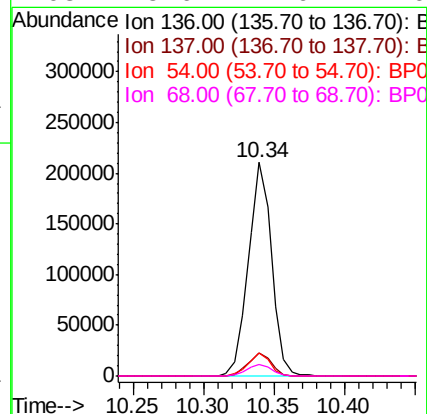
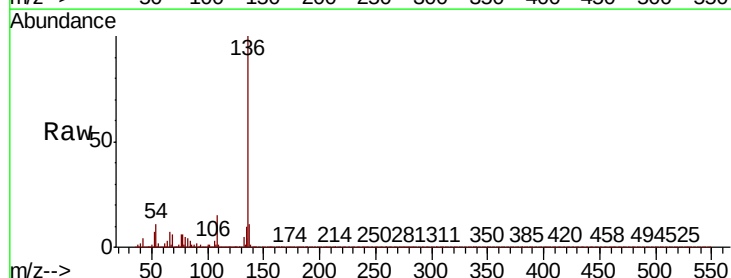
Instrument :
BNA_P
ClientSampled :

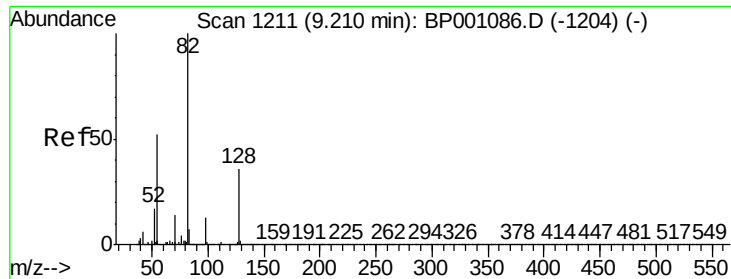
Tot Ion: 70 Resp: 87655
Ion Ratio Lower Upper
70 100
42 48.4 50.6 76.0#
101 0.0 7.1 10.7#
130 1.4 13.6 20.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001284.D
Acq: 09 Dec 2019 22:14

Tgt Ion: 136 Resp: 242035
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 10.6 7.4 11.0
68 5.6 4.6 7.0

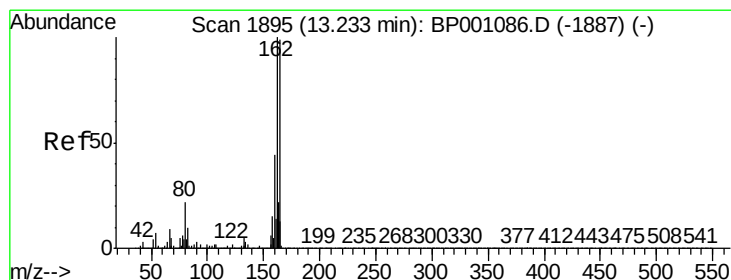
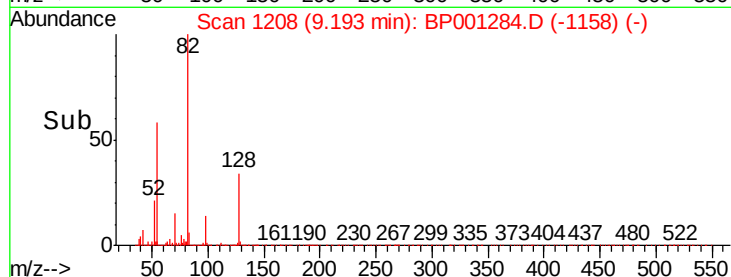
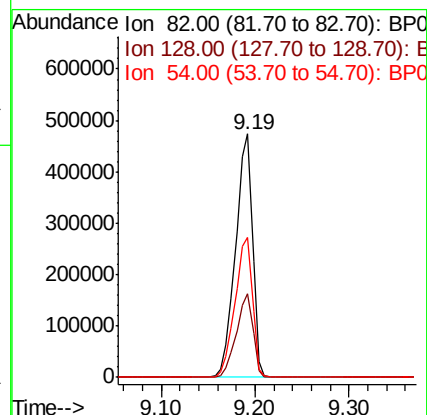
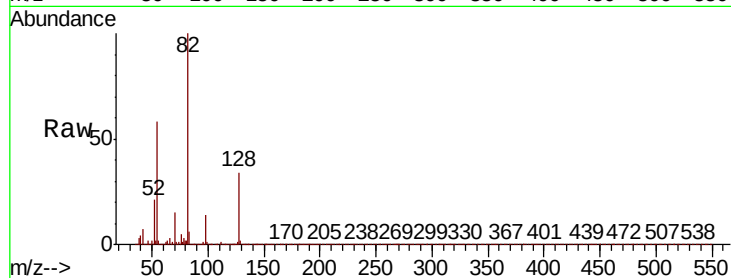




#23
Nitrobenzene-d5
Concen: 107.193 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001284.D
Acq: 09 Dec 2019 22:14

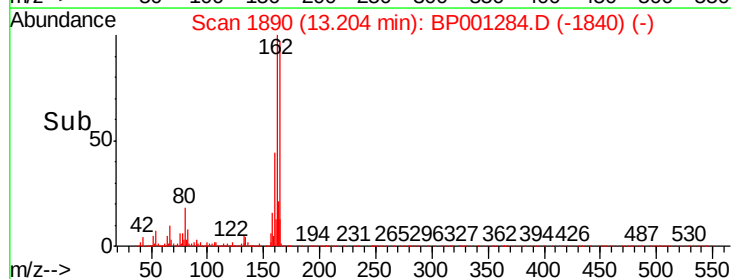
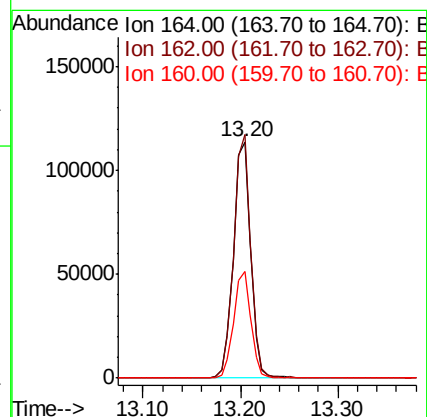
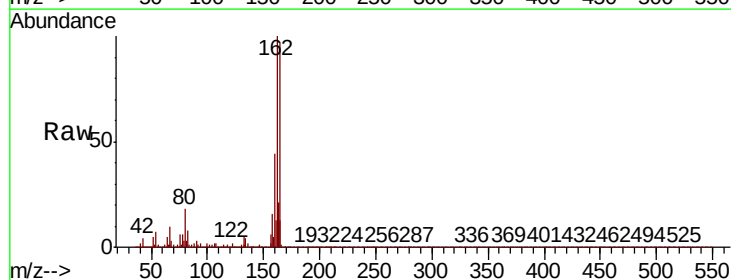
Instrument :
BNA_P
ClientSampleId :

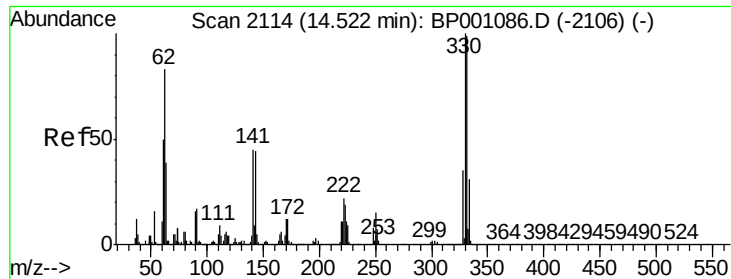
Tot Ion	82	Resp	597996
Ion Ratio	Lower	Upper	
82	100		
128	34.3	27.5	41.3
54	57.5	45.7	68.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001284.D
Acq: 09 Dec 2019 22:14

Tgt Ion	164	Resp	140172
Ion Ratio	Lower	Upper	
164	100		
162	103.0	80.7	121.1
160	45.2	36.3	54.5

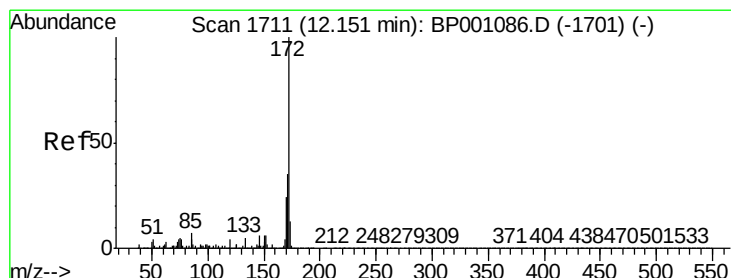
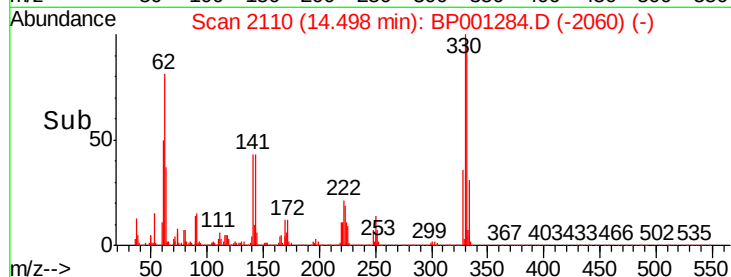
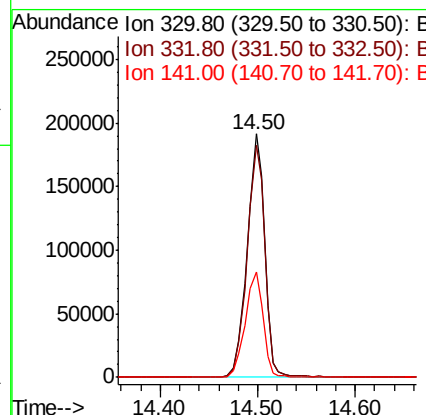
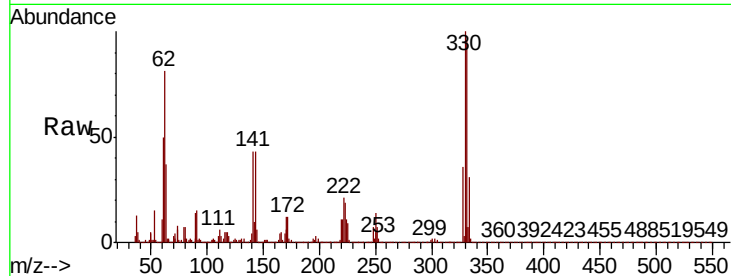




#42
 2,4,6-Tribromophenol
 Concen: 178.345 ng
 RT: 14.50 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BP001284.D
 Acq: 09 Dec 2019 22:14

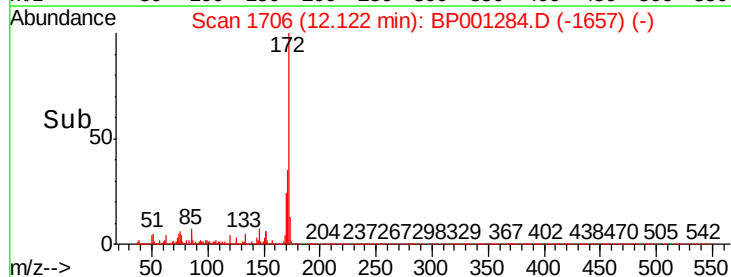
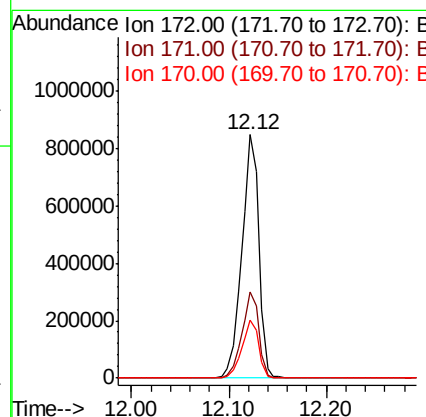
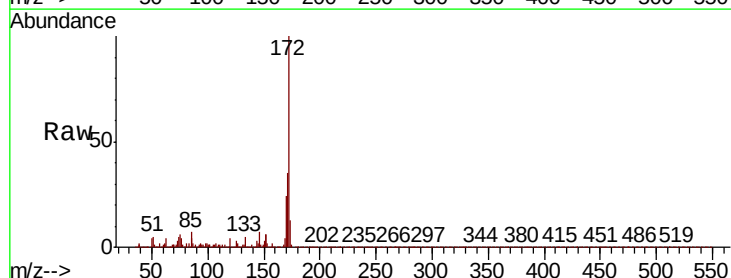
Instrument :
 BNA_P
 ClientSampleId :

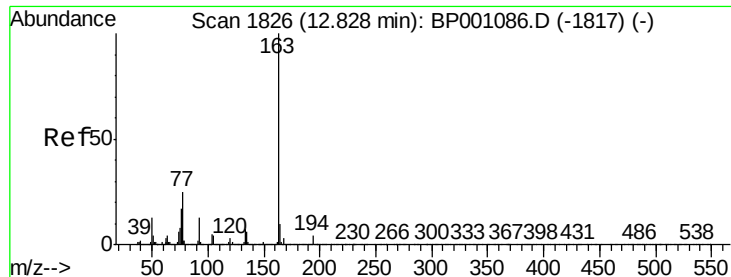
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.1	118.7
141	44.5	35.9	53.9



#45
 2-Fluorobiphenyl
 Concen: 106.904 ng
 RT: 12.12 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BP001284.D
 Acq: 09 Dec 2019 22:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	23.6	19.2	28.8





#50

Dimethylphthalate

Concen: 6.037 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BP001284.D

Acq: 09 Dec 2019 22:14

Instrument :

BNA_P

ClientSampleId :

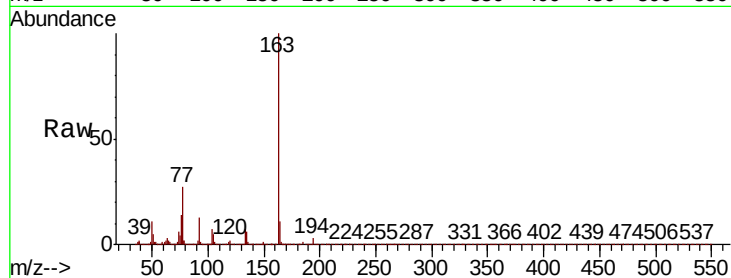
Tot Ion:163 Resp: 63284

Ion Ratio Lower Upper

163 100

194 3.5 3.1 4.7

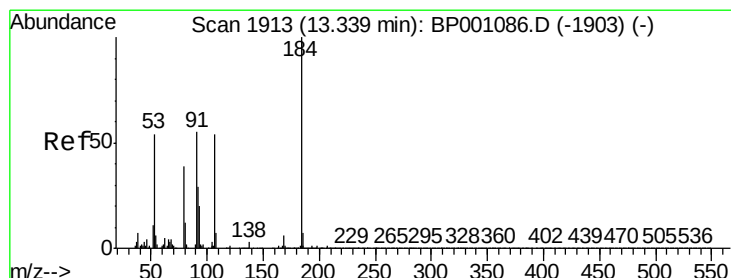
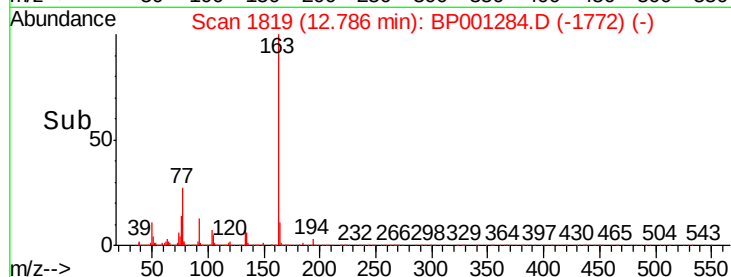
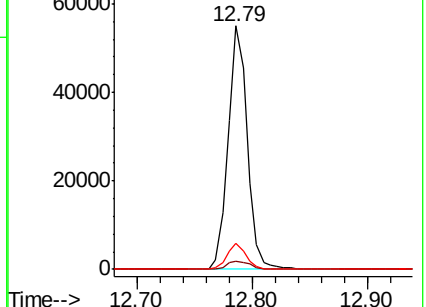
164 10.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#54

2,4-Dinitrophenol

Concen: 7.116 ng

RT: 13.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BP001284.D

Acq: 09 Dec 2019 22:14

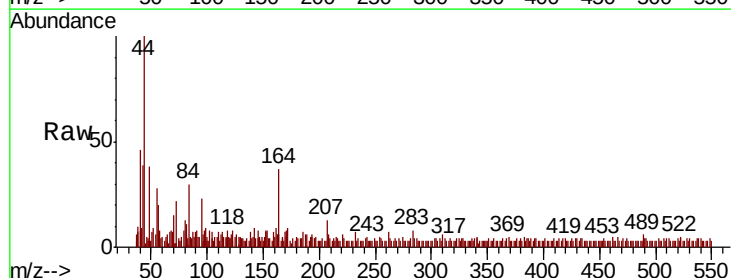
Tgt Ion:184 Resp: 7

Ion Ratio Lower Upper

184 100

63 109.1 69.4 104.0#

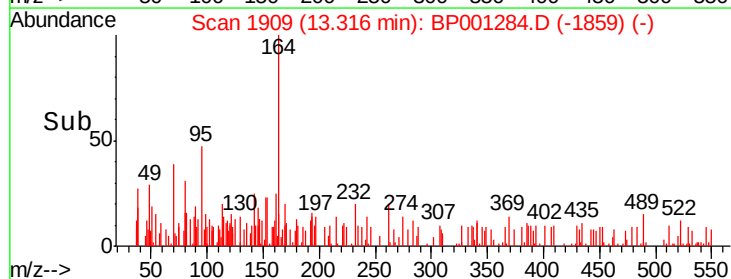
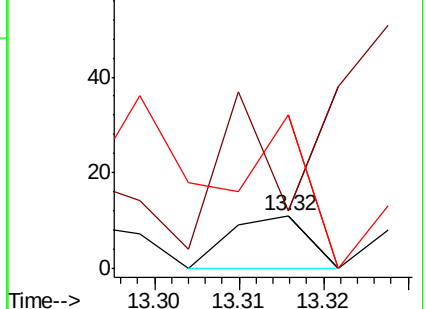
154 290.9 57.4 86.2#

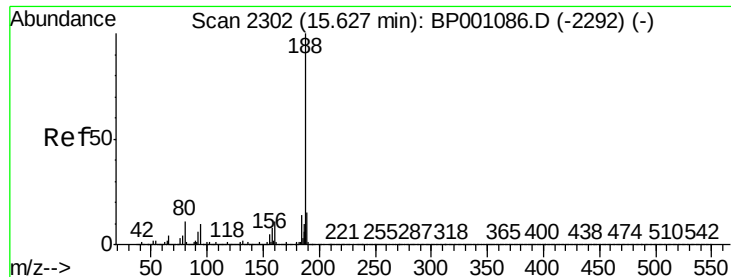


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

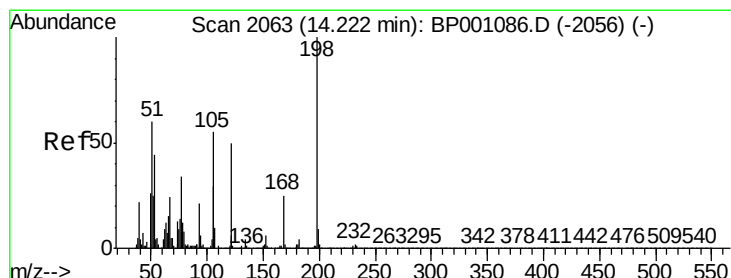
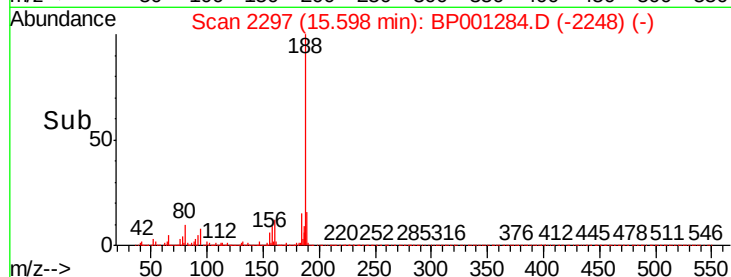
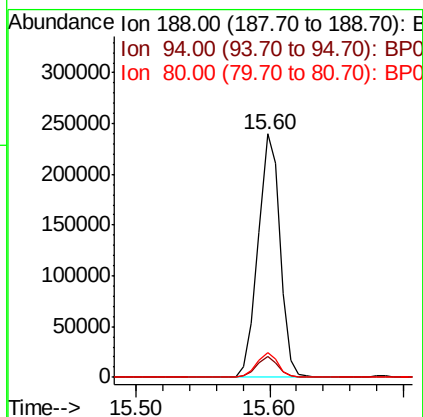
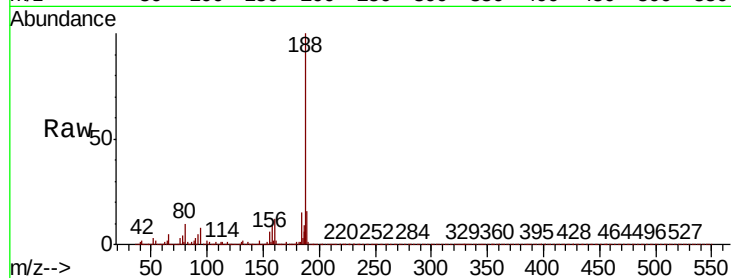




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BP001284.D
Acq: 09 Dec 2019 22:14

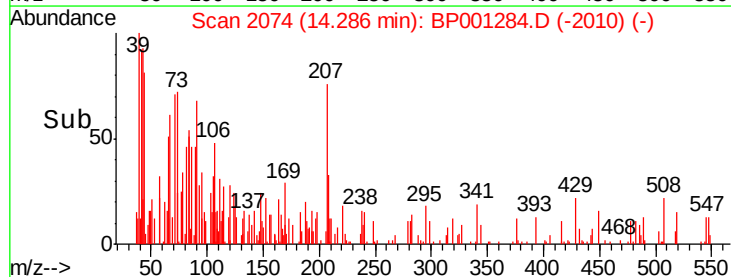
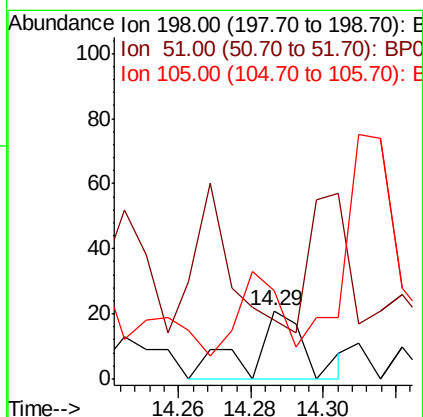
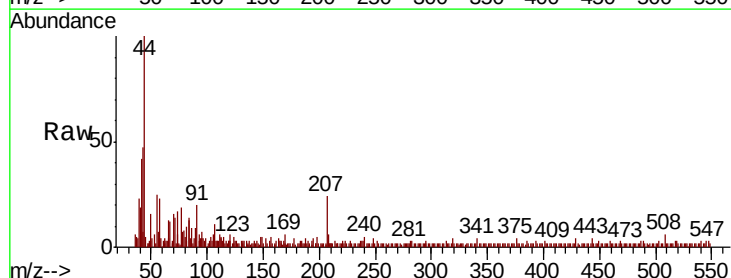
Instrument :
BNA_P
ClientSampleId :

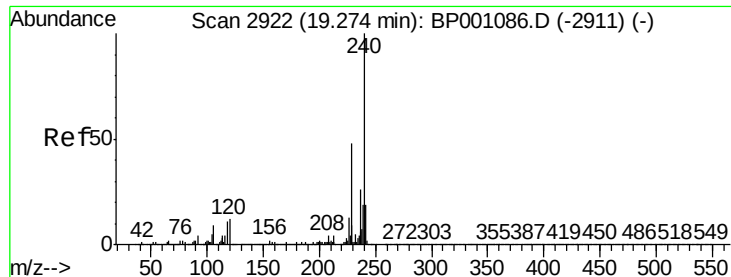
Tot Ion:188 Resp: 270021
Ion Ratio Lower Upper
188 100
94 8.5 7.1 10.7
80 9.9 7.8 11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 6.294 ng
RT: 14.29 min Scan# 2074
Delta R.T. 0.08 min
Lab File: BP001284.D
Acq: 09 Dec 2019 22:14

Tgt Ion:198 Resp: 23
Ion Ratio Lower Upper
198 100
51 85.7 36.2 76.2#
105 128.6 30.2 70.2#

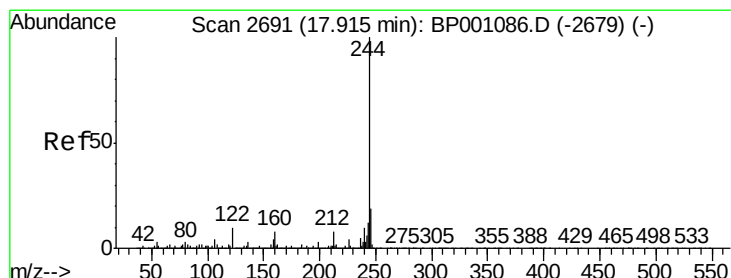
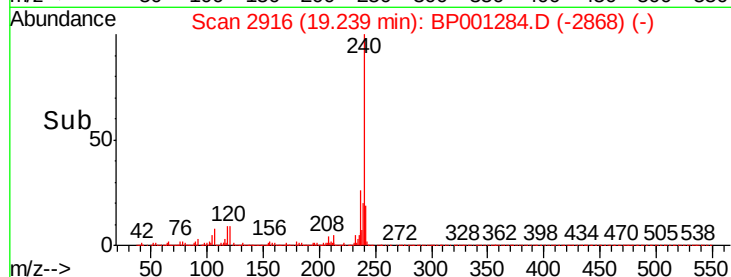
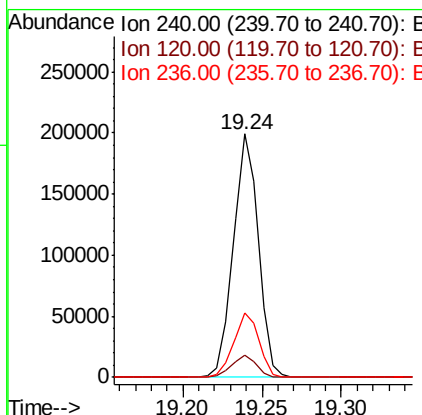
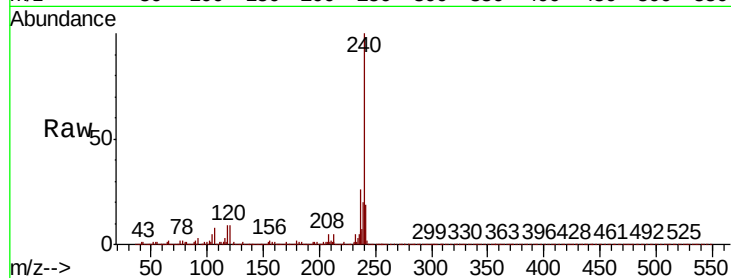




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.02 min
Lab File: BP001284.D
Acq: 09 Dec 2019 22:14

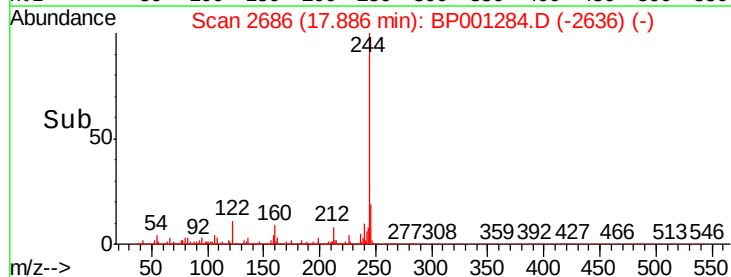
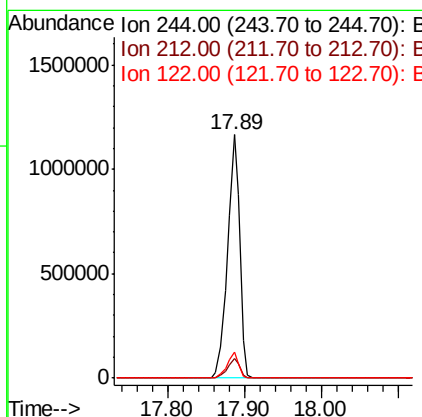
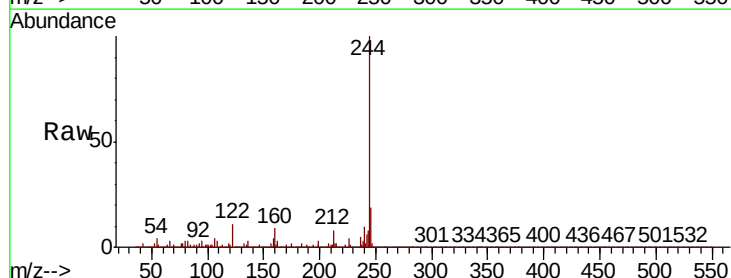
Instrument :
BNA_P
ClientSampleId :

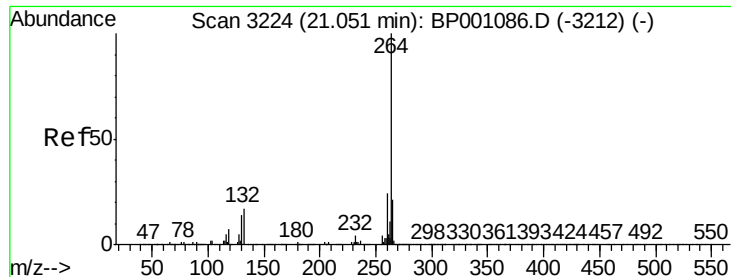
Tot Ion:240 Resp: 217533
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.6
236 26.4 21.7 32.5



#79
Terphenyl-d14
Concen: 109.212 ng
RT: 17.89 min Scan# 2686
Delta R.T. -0.01 min
Lab File: BP001284.D
Acq: 09 Dec 2019 22:14

Tgt Ion:244 Resp: 1284113
Ion Ratio Lower Upper
244 100
212 8.2 6.6 9.8
122 10.9 9.2 13.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.01 min Scan# 3217
Delta R.T. -0.02 min
Lab File: BP001284.D
Acq: 09 Dec 2019 22:14

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	20.7	17.1	25.7

