

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121119\
 Data File : BP001321.D
 Acq On : 11 Dec 2019 19:58
 Operator : JU
 Sample : K6245-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BASEMENT-FLOOR

Quant Time: Dec 12 06:42:04 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	8.30	152	67002	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	227247	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	121915	20.00	ng	-0.01
64) Phenanthrene-d10	15.60	188	213932	20.00	ng	-0.01
76) Chrysene-d12	19.26	240	160400	20.00	ng	0.00
87) Perylene-d12	21.03	264	174109	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.22	112	241644	59.84	ng	0.00
7) Phenol-d6	7.76	99	475776	88.43	ng	0.00
23) Nitrobenzene-d5	9.19	82	368970	70.44	ng	-0.01
42) 2,4,6-Tribromophenol	14.49	330	30485	26.09	ng	-0.01
45) 2-Fluorobiphenyl	12.12	172	614014	73.71	ng	-0.01
79) Terphenyl-d14	17.89	244	618272	71.31	ng	0.00

Target Compounds

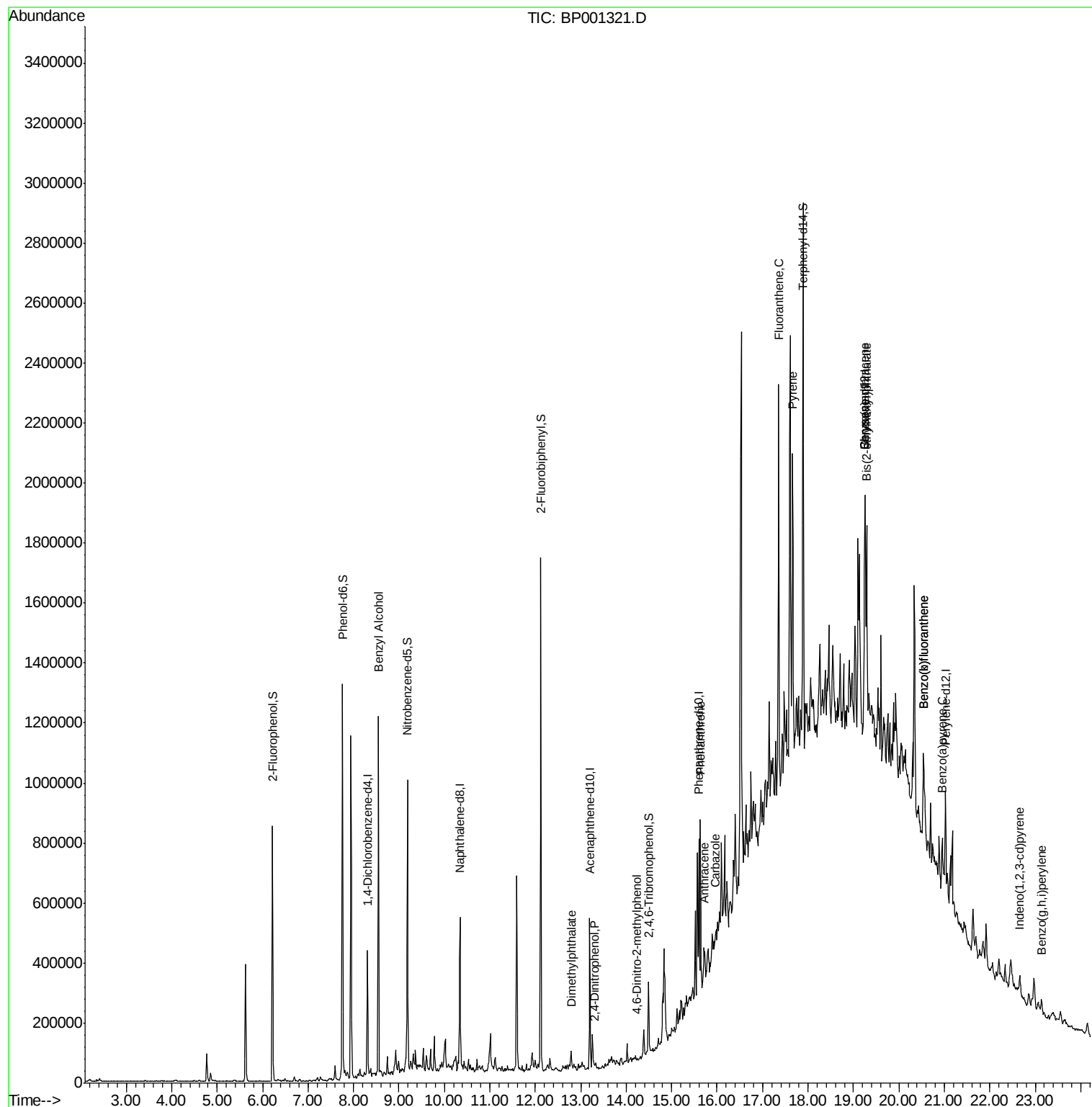
						Qvalue
9) Benzaldehyde	7.60	77	1760	Below Cal	#	76
15) Benzyl Alcohol	8.55	79	9793	2.217 ng	#	57
50) Dimethylphthalate	12.79	163	24957	2.737 ng		100
54) 2,4-Dinitrophenol	13.30	184	11	7.122 ng	#	1
65) 4,6-Dinitro-2-methylphenol	14.24	198	22	6.297 ng	#	1
71) Phenanthrene	15.63	178	236225	21.003 ng		100
72) Anthracene	15.71	178	52478	4.734 ng		97
73) Carbazole	15.96	167	29604	2.935 ng	#	86
75) Fluoranthene	17.36	202	544847	45.759 ng		99
78) Pyrene	17.66	202	447544	35.425 ng		98
81) Benzo(a)anthracene	19.25	228	216349	19.454 ng		98
83) Chrysene	19.25	228	216349	21.725 ng		96
84) Bis(2-ethylhexyl)phthalate	19.29	149	74561	9.294 ng	#	92
86) Indeno(1,2,3-cd)pyrene	22.66	276	50077	4.267 ng		94
88) Benzo(b)fluoranthene	20.55	252	228617	21.498 ng	#	91
89) Benzo(k)fluoranthene	20.55	252	228617	22.320 ng	#	91
90) Benzo(a)pyrene	20.95	252	89200	9.106 ng	#	90
92) Benzo(g,h,i)perylene	23.15	276	45219	4.777 ng		97

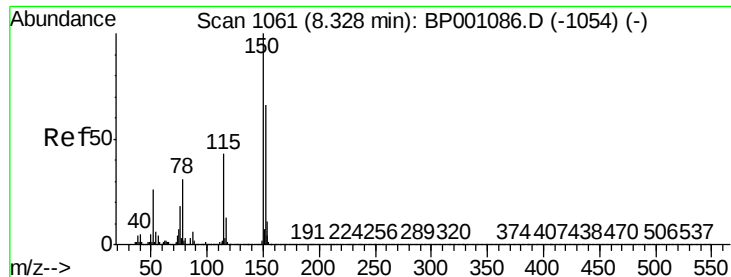
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BP001321.D

Acq: 11 Dec 2019 19:58

Instrument :

BNA_P

ClientSampleId :

BASEMENT-FLOOR

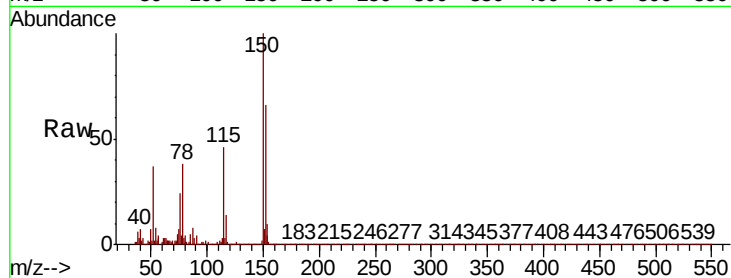
Tot Ion:152 Resp: 67002

Ion Ratio Lower Upper

152 100

150 151.2 127.3 190.9

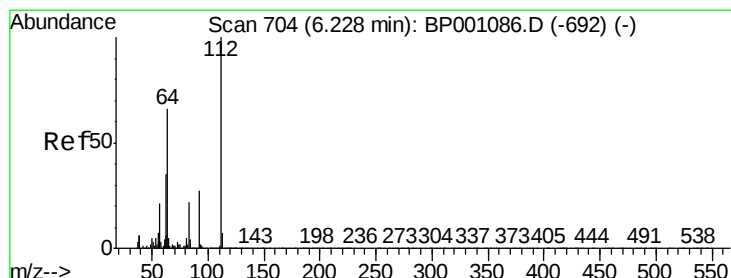
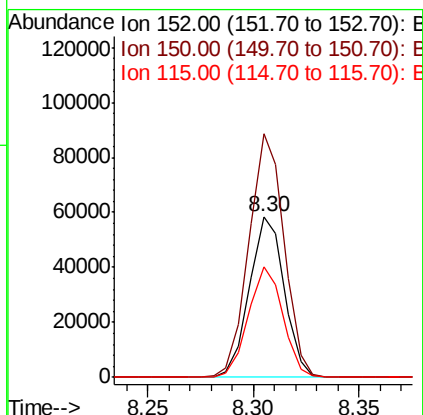
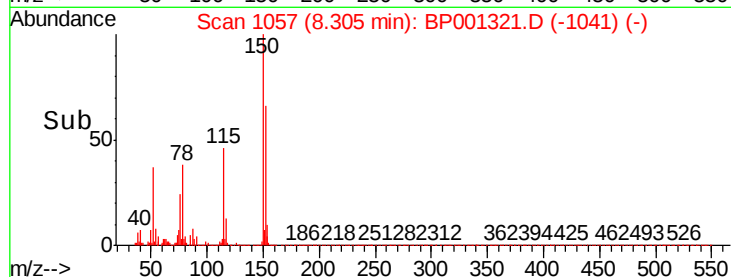
115 69.0 56.0 84.0



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: 59.835 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BP001321.D

Acq: 11 Dec 2019 19:58

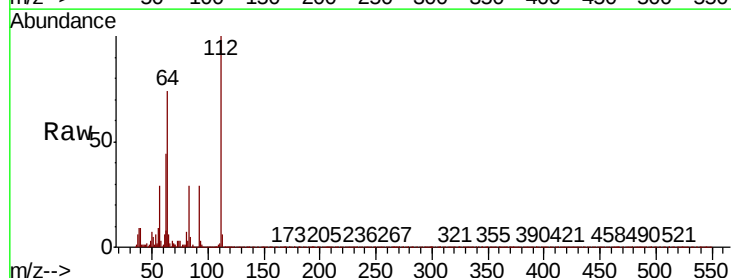
Tgt Ion:112 Resp: 241644

Ion Ratio Lower Upper

112 100

64 73.7 56.8 85.2

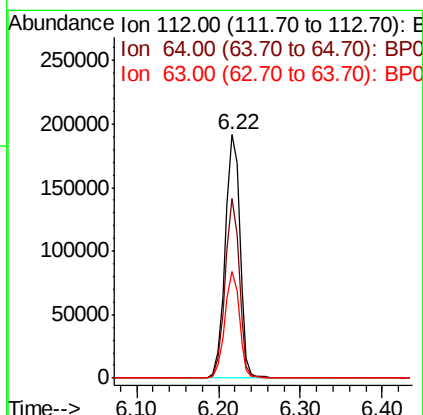
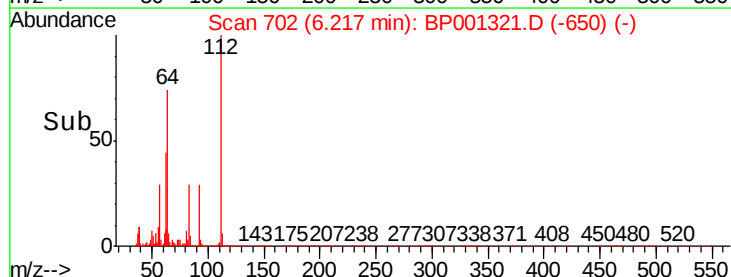
63 43.9 32.2 48.2



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: 88.430 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001321.D

Acq: 11 Dec 2019 19:58

Instrument :

BNA_P

ClientSampleId :

BASEMENT-FLOOR

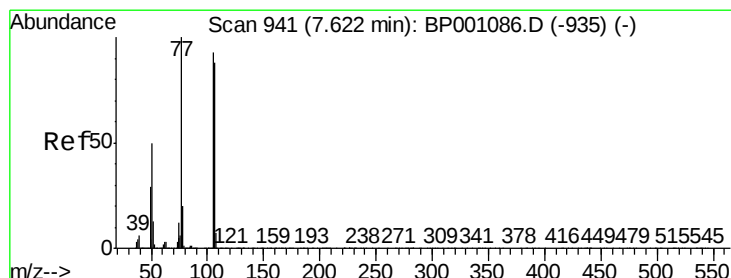
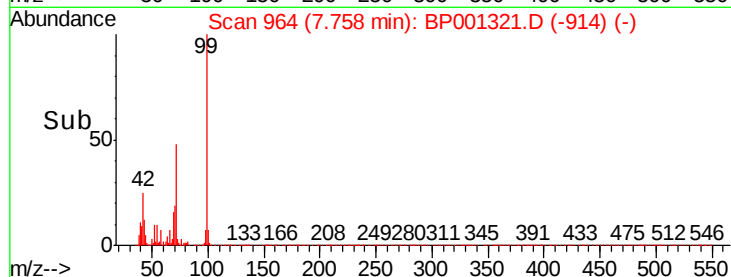
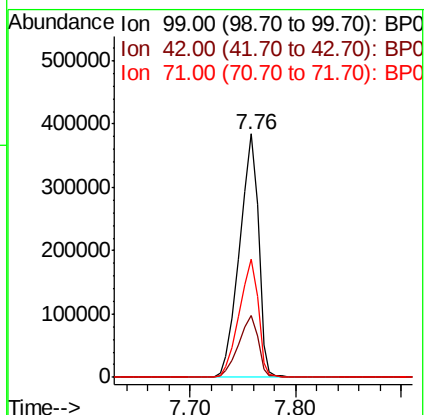
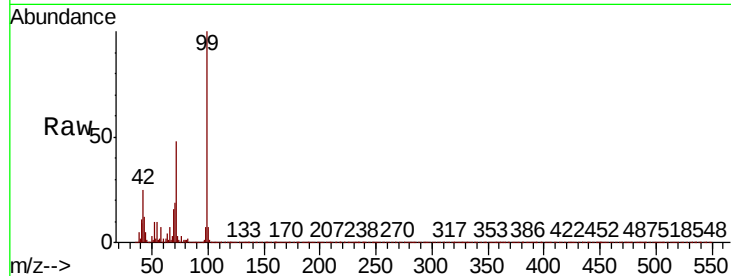
Tot Ion: 99 Resp: 475776

Ion Ratio Lower Upper

99 100

42 25.5 17.6 26.4

71 48.3 33.8 50.8



#9

Benzaldehyde

Concen: Below Cal

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BP001321.D

Acq: 11 Dec 2019 19:58

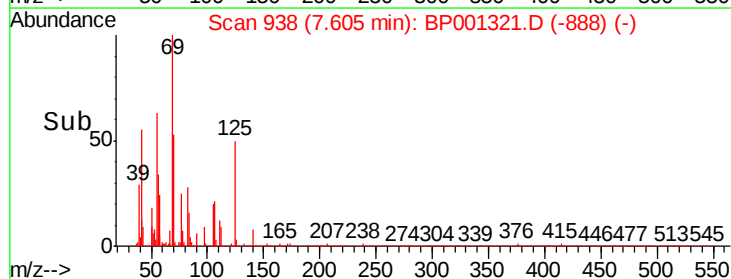
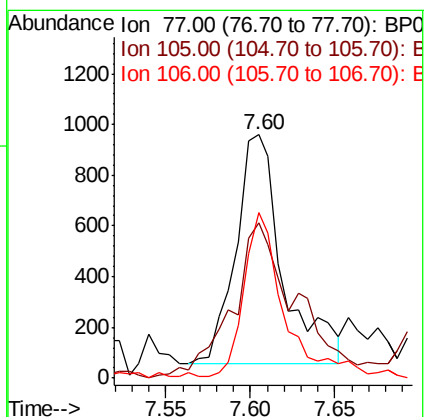
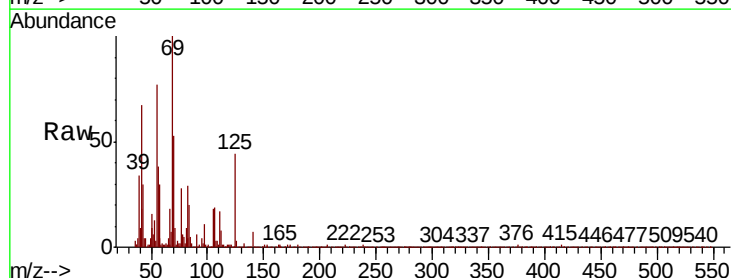
Tgt Ion: 77 Resp: 1760

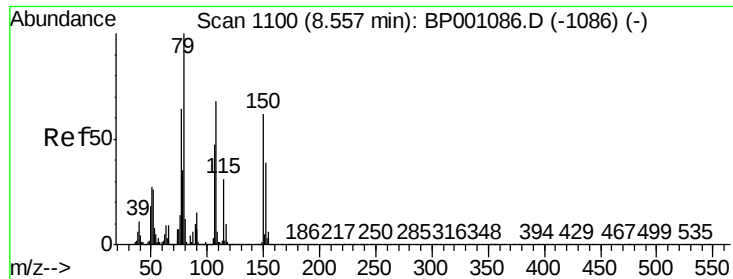
Ion Ratio Lower Upper

77 100

105 63.9 69.7 109.7#

106 67.8 67.1 107.1

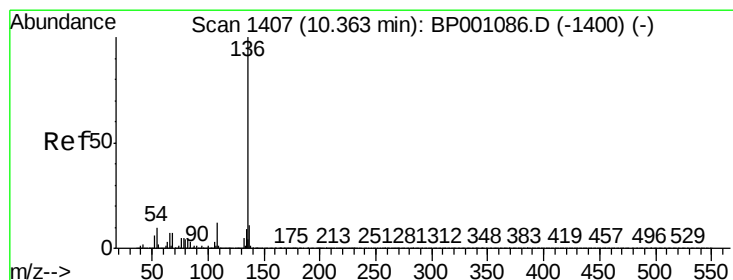
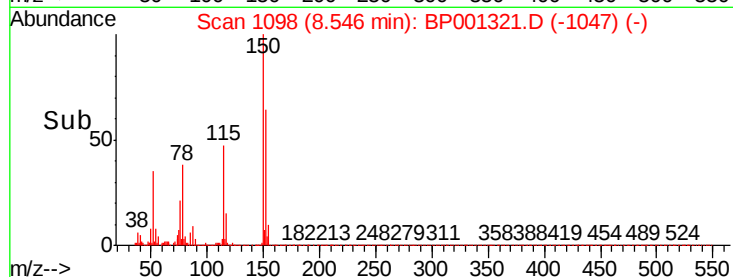
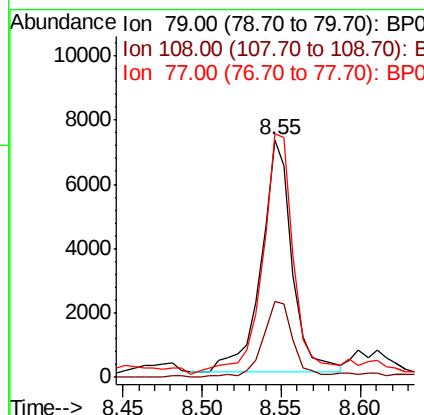
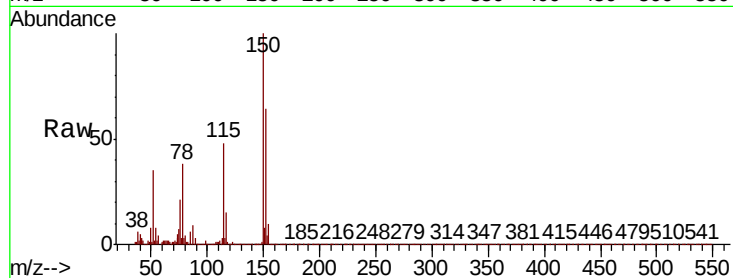




#15
Benzyl Alcohol
Concen: 2.217 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

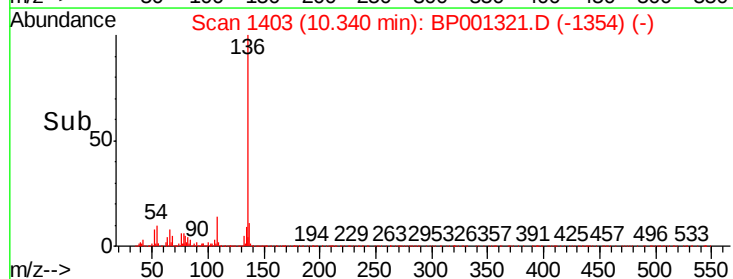
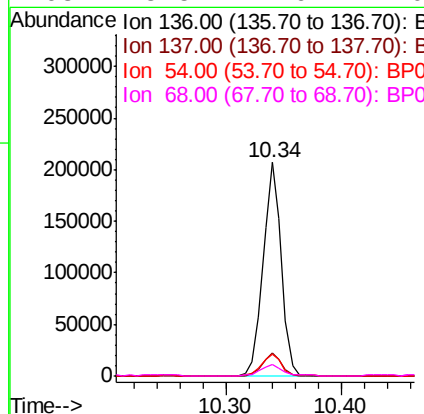
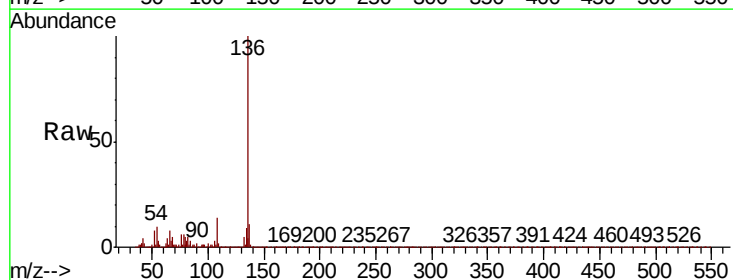
Instrument :
BNA_P
ClientSampleId :
BASEMENT-FLOOR

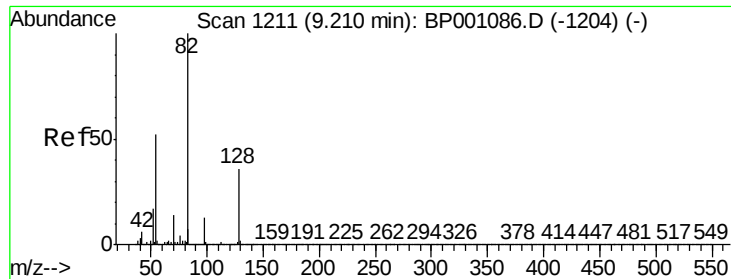
Tot Ion: 79 Resp: 9793
Ion Ratio Lower Upper
79 100
108 32.1 51.6 77.4#
77 102.5 53.5 80.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Tgt Ion: 136 Resp: 227247
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 10.5 7.4 11.0
68 5.5 4.6 7.0

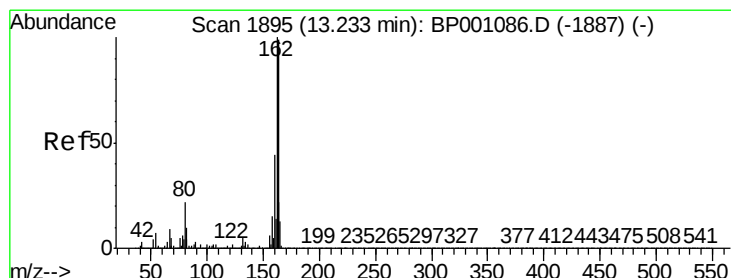
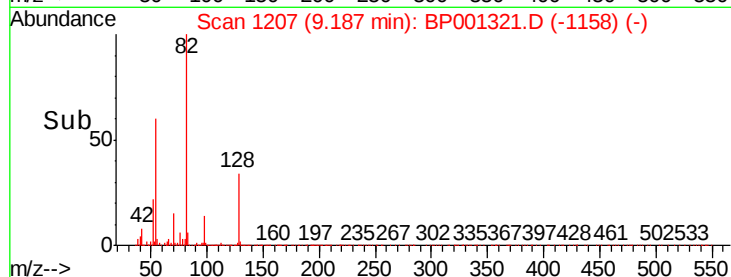
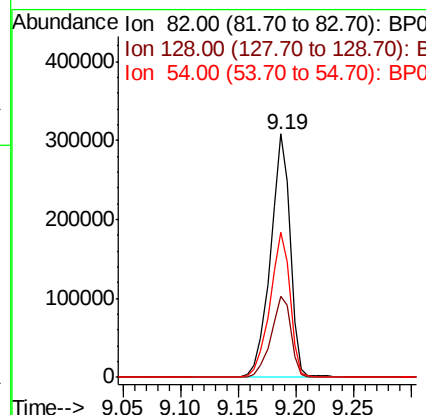
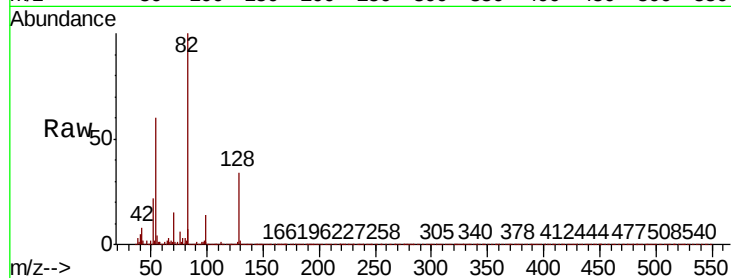




#23
Nitrobenzene-d5
Concen: 70.443 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

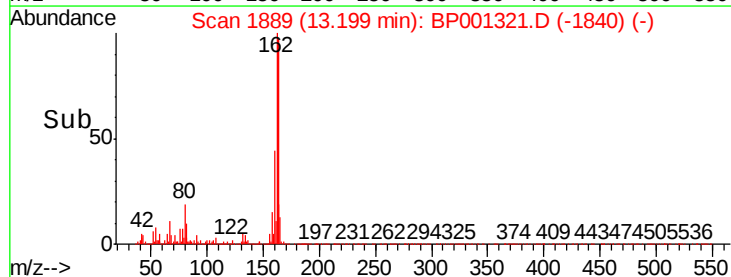
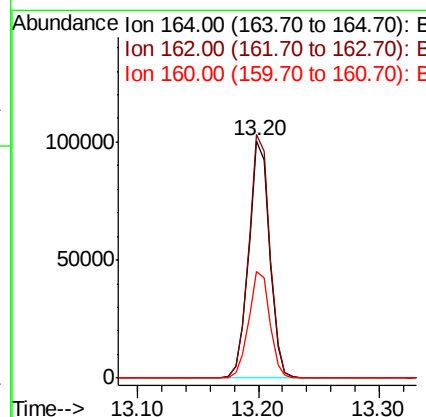
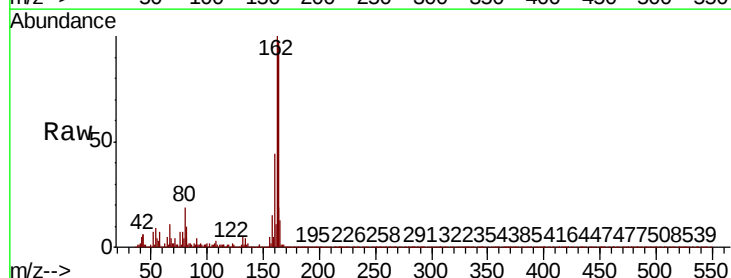
Instrument :
BNA_P
ClientSampleId :
BASEMENT-FLOOR

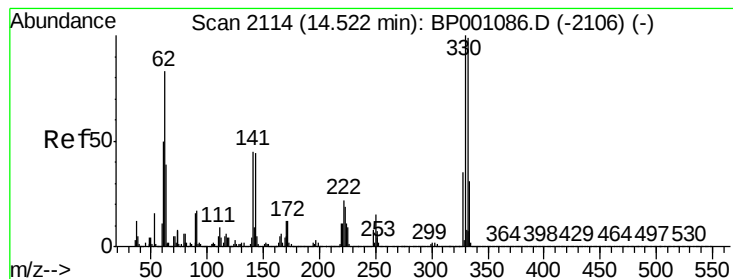
Tot Ion	82	Resp	368970
Ion Ratio	Lower	Upper	
82	100		
128	33.5	27.5	41.3
54	59.8	45.7	68.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Tgt Ion	164	Resp	121915
Ion Ratio	Lower	Upper	
164	100		
162	102.6	80.7	121.1
160	45.1	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 26.088 ng

RT: 14.49 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BP001321.D

Acq: 11 Dec 2019 19:58

Instrument :

BNA_P

ClientSampleId :

BASEMENT-FLOOR

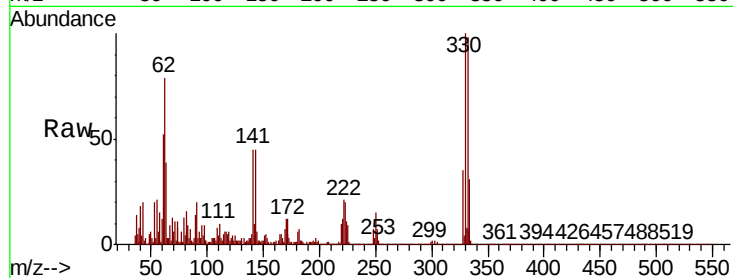
Tot Ion:330 Resp: 30485

Ion Ratio Lower Upper

330 100

332 99.4 79.1 118.7

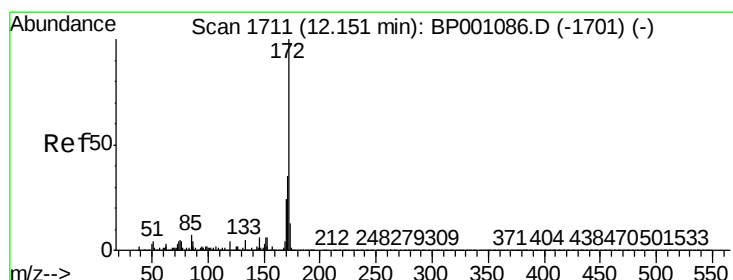
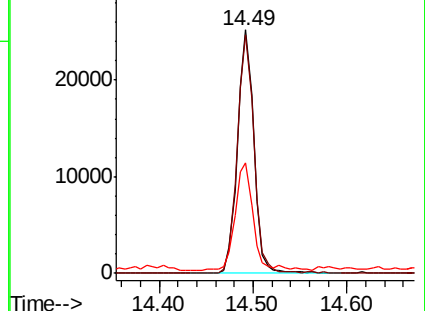
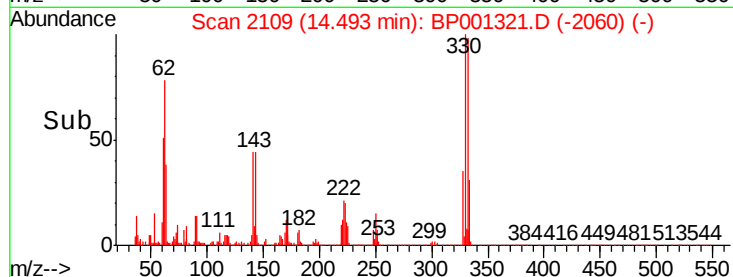
141 48.4 35.9 53.9



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: 73.712 ng

RT: 12.12 min Scan# 1706

Delta R.T. -0.01 min

Lab File: BP001321.D

Acq: 11 Dec 2019 19:58

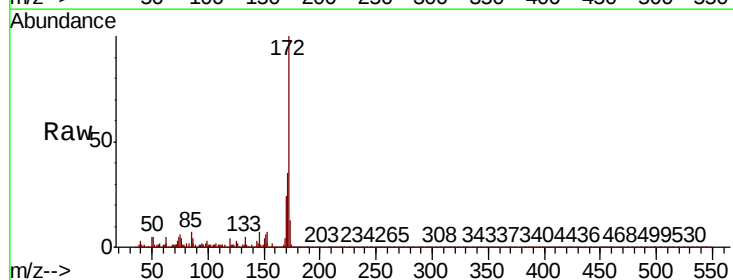
Tgt Ion:172 Resp: 614014

Ion Ratio Lower Upper

172 100

171 35.0 28.7 43.1

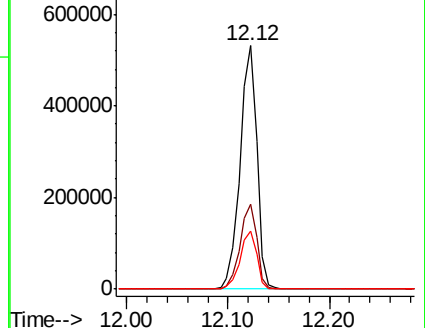
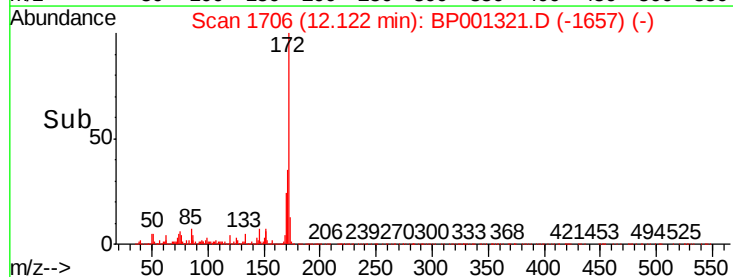
170 24.0 19.2 28.8

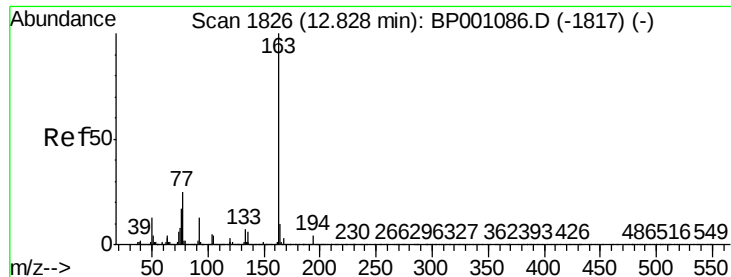


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

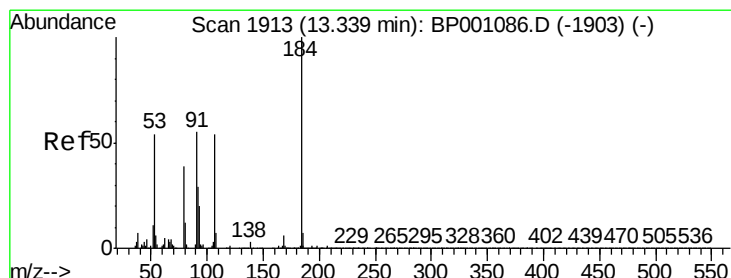
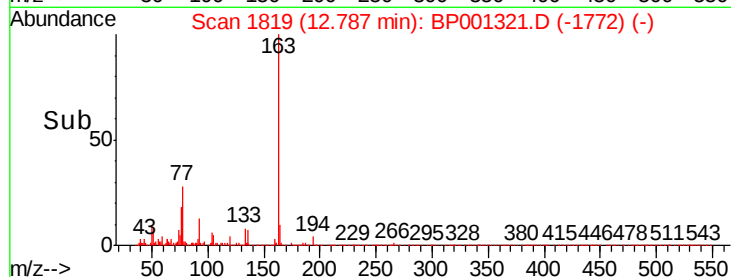
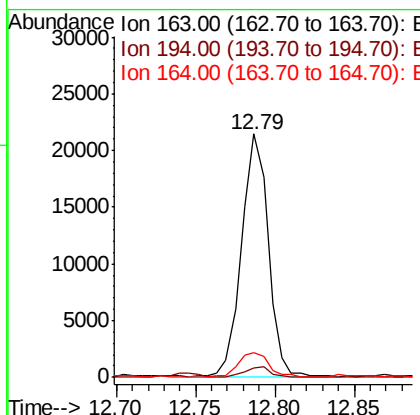
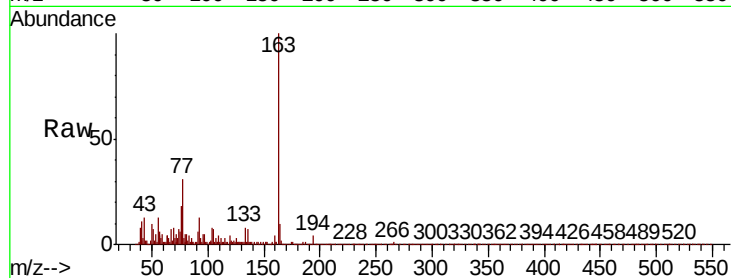




#50
Dimethylphthalate
Concen: 2.737 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

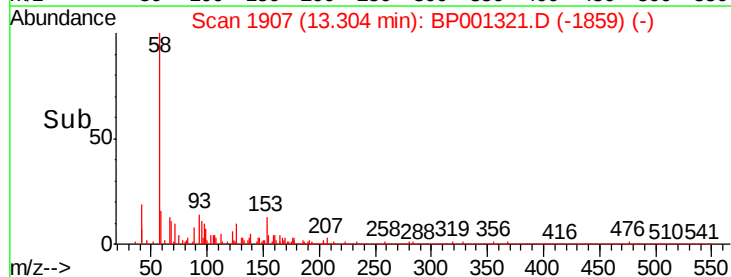
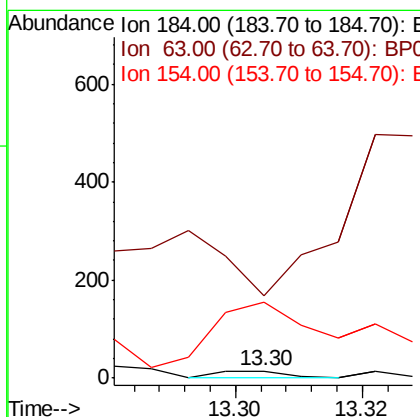
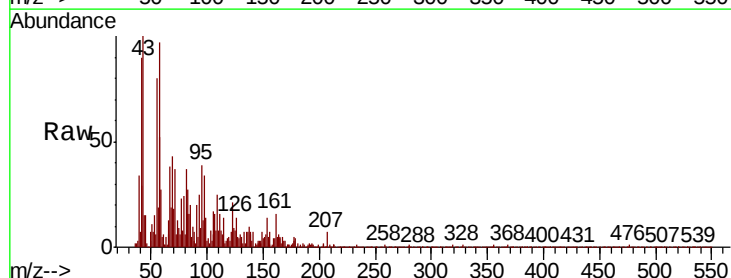
Instrument :
BNA_P
ClientSampleId :
BASEMENT-FLOOR

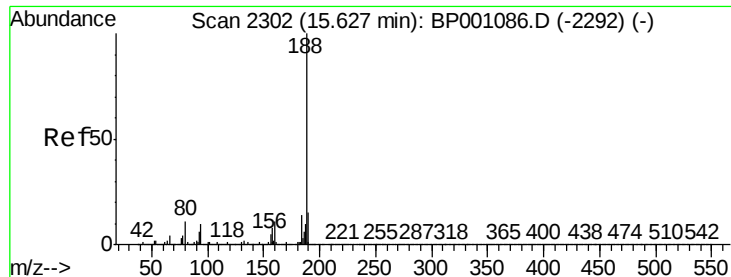
Tot Ion:163 Resp: 24957
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.2 12.4



#54
2,4-Dinitrophenol
Concen: 7.122 ng
RT: 13.30 min Scan# 1907
Delta R.T. -0.02 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Tgt Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 1200.0 69.4 104.0#
154 1107.1 57.4 86.2#

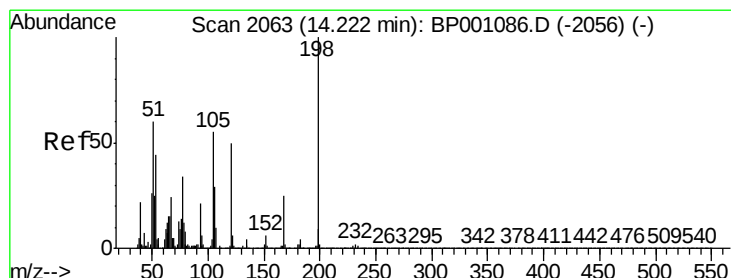
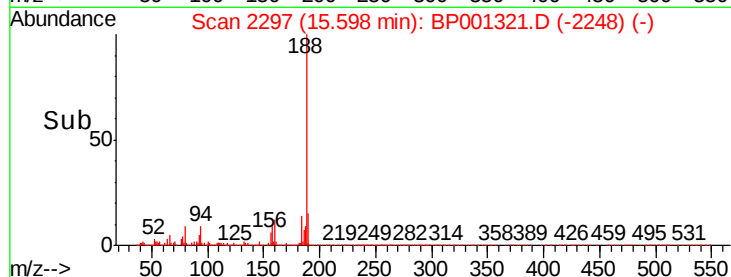
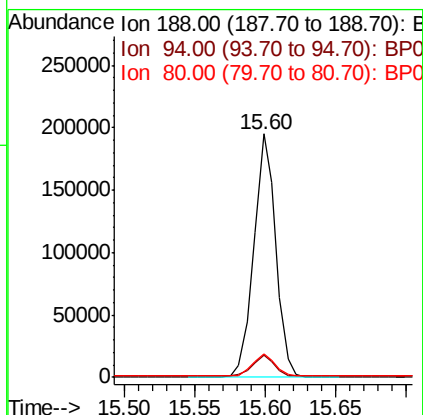
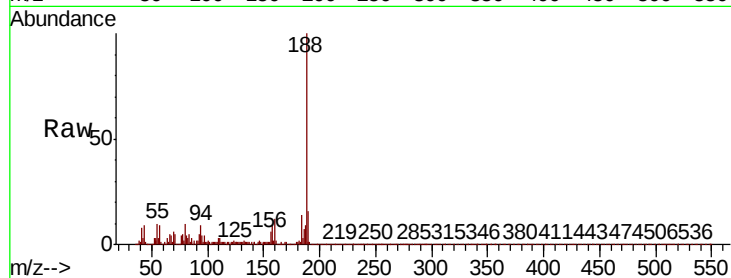




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

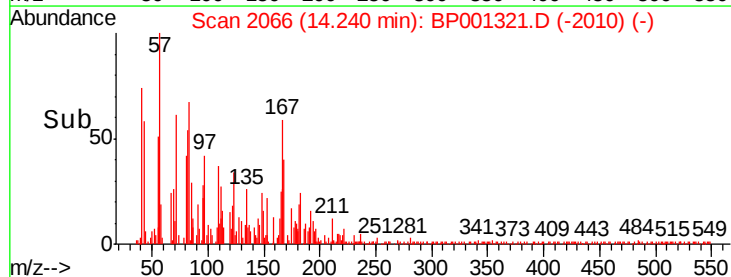
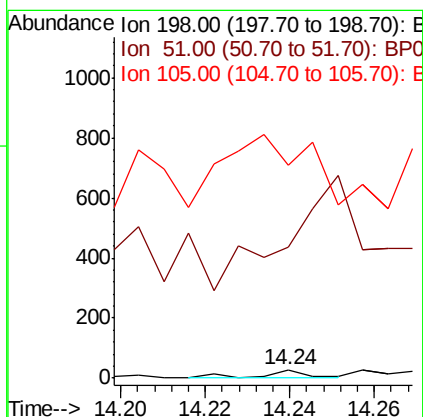
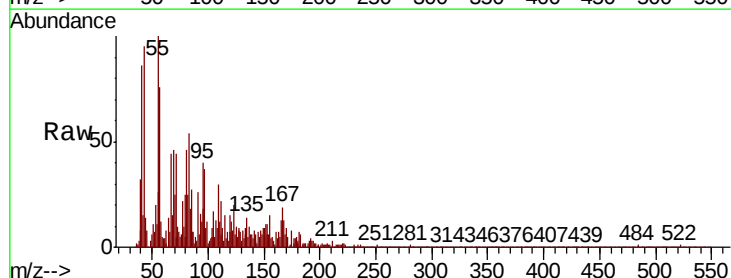
Instrument :
BNA_P
ClientSampleId :
BASEMENT-FLOOR

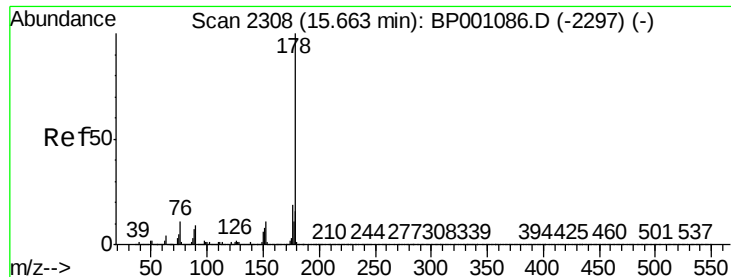
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.1	10.7
80	9.7	7.8	11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 6.297 ng
RT: 14.24 min Scan# 2066
Delta R.T. 0.03 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Tgt Ion	Ratio	Lower	Upper
198	100		
51	1560.7	36.2	76.2#
105	2528.6	30.2	70.2#

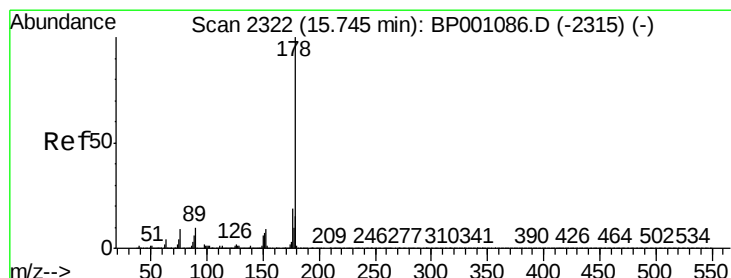
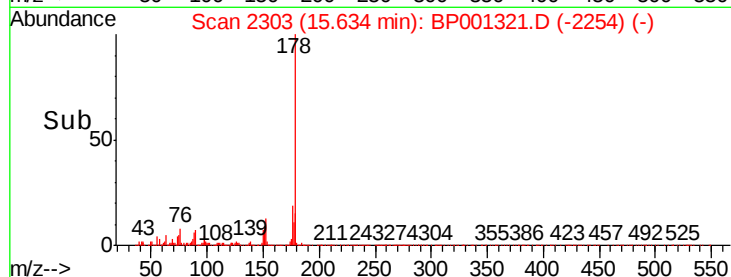
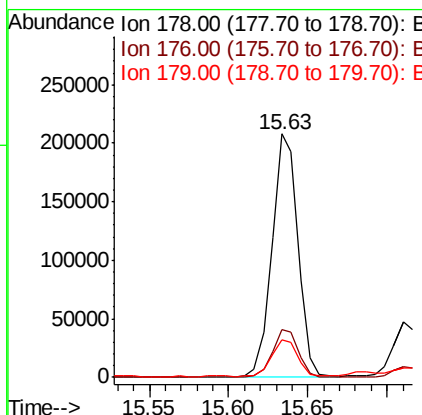
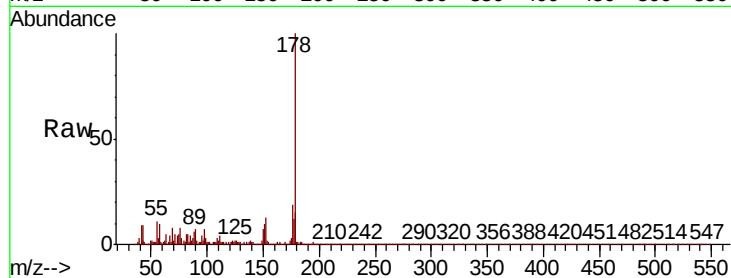




#71
Phenanthrene
Concen: 21.003 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

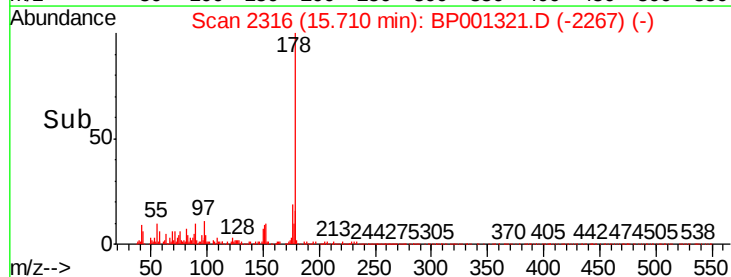
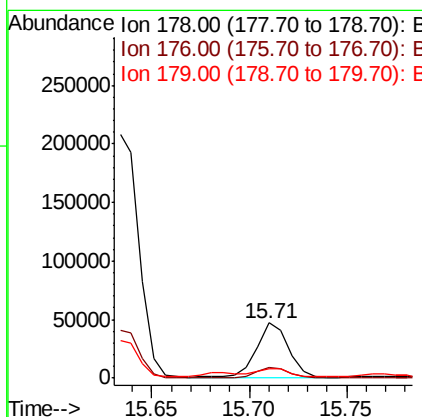
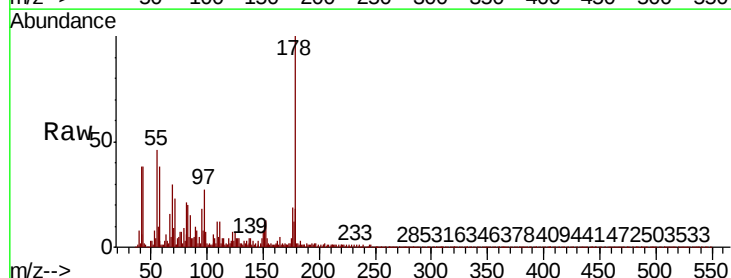
Instrument :
BNA_P
ClientSampleId :
BASEMENT-FLOOR

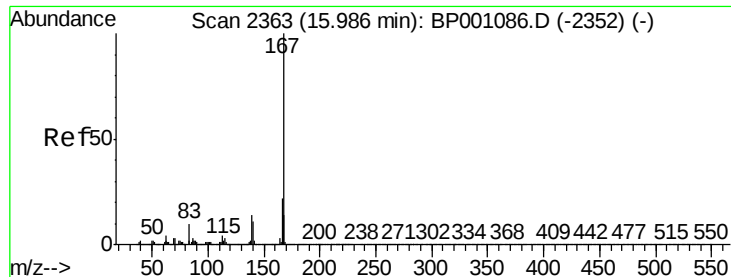
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.4	12.4	18.6



#72
Anthracene
Concen: 4.734 ng
RT: 15.71 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	17.8	12.7	19.1

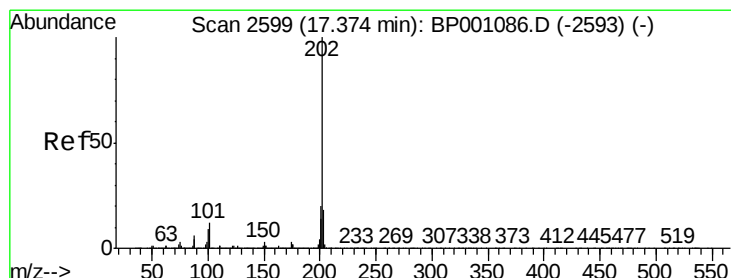
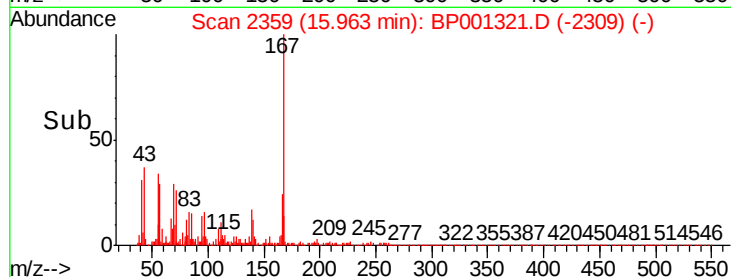
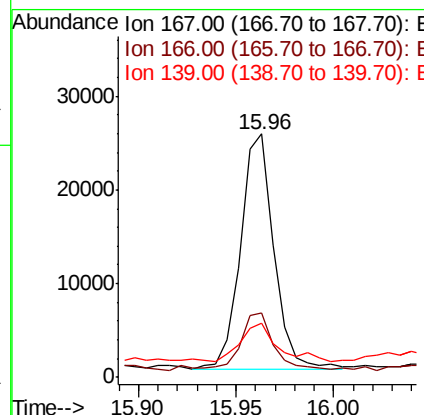
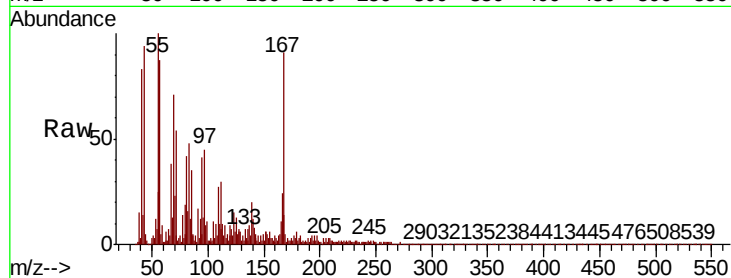




#73
 Carbazole
 Concen: 2.935 ng
 RT: 15.96 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BP001321.D
 Acq: 11 Dec 2019 19:58

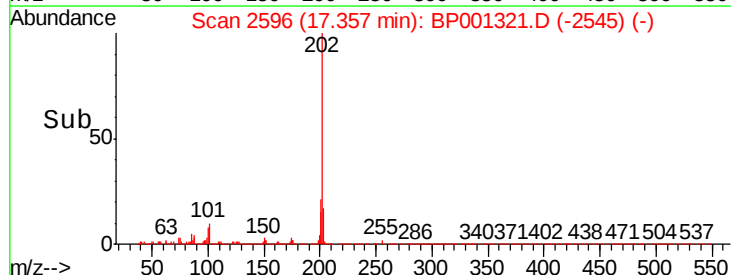
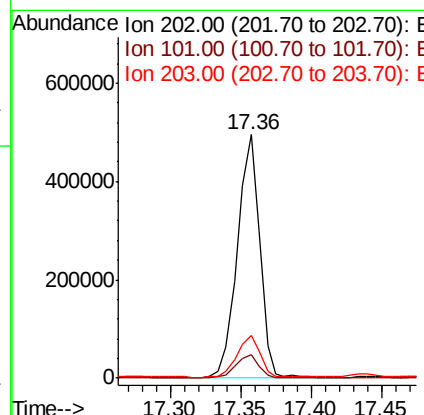
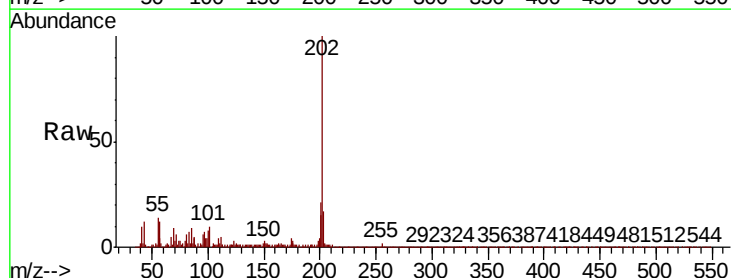
Instrument :
 BNA_P
 ClientSampleId :
 BASEMENT-FLOOR

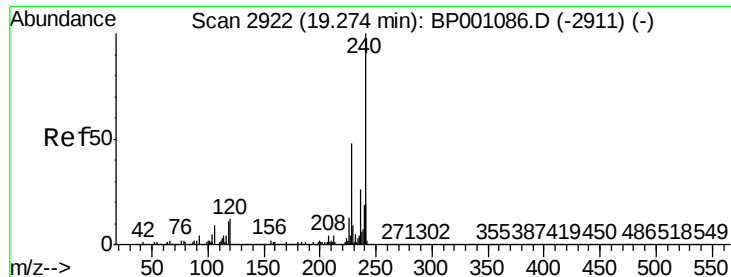
Tot Ion	Ratio	Lower	Upper
167	100		
166	26.3	17.4	26.0#
139	22.3	11.4	17.0#



#75
 Fluoranthene
 Concen: 45.759 ng
 RT: 17.36 min Scan# 2596
 Delta R.T. 0.00 min
 Lab File: BP001321.D
 Acq: 11 Dec 2019 19:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.0
203	17.3	0.0	37.1

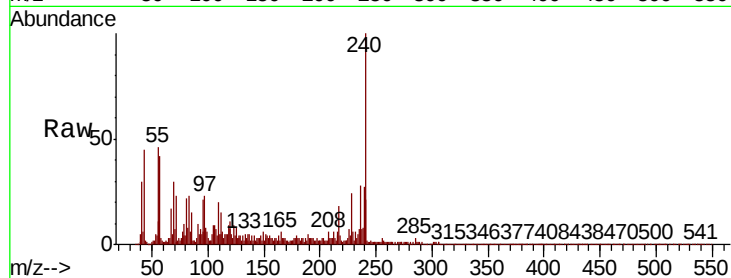




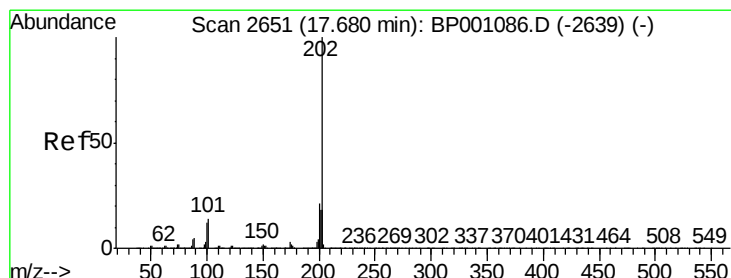
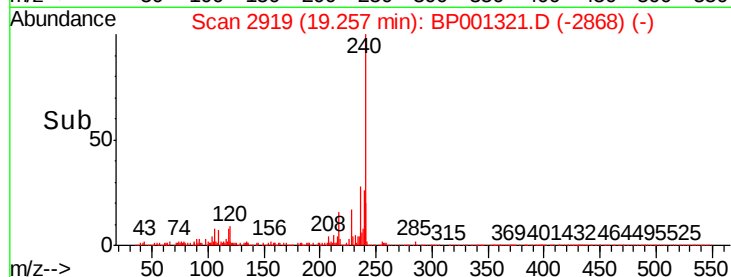
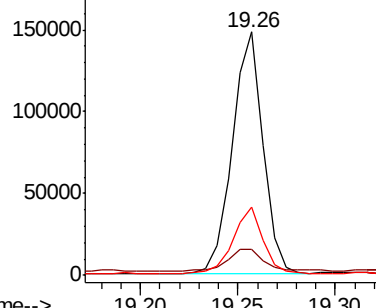
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.26 min Scan# 2919
Delta R.T. 0.00 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Instrument :
BNA_P
ClientSampleId :
BASEMENT-FLOOR

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	7.0	10.6#
236	28.2	21.7	32.5

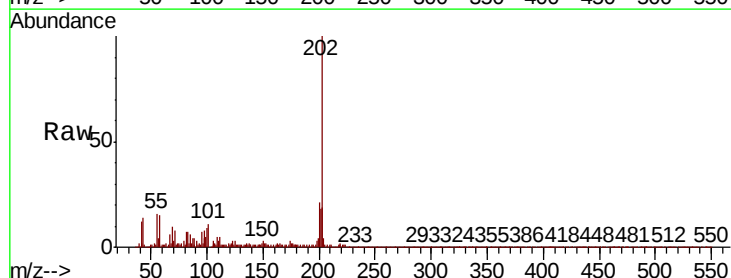


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

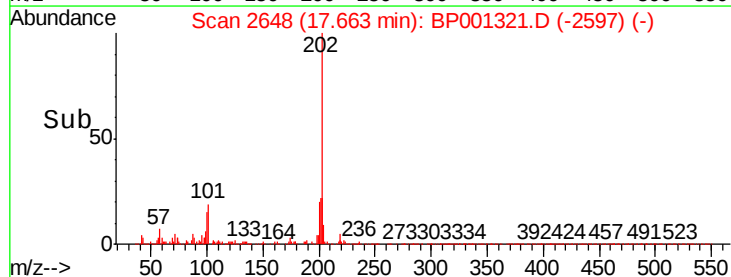
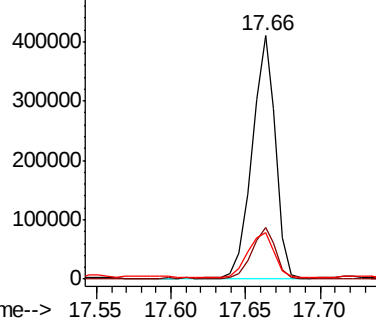


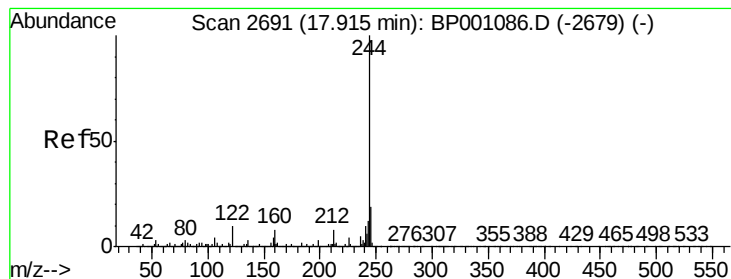
#78
Pyrene
Concen: 35.425 ng
RT: 17.66 min Scan# 2648
Delta R.T. 0.00 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.3	25.9
203	19.2	13.8	20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.313 ng

RT: 17.89 min Scan# 2687

Delta R.T. 0.00 min

Lab File: BP001321.D

Acq: 11 Dec 2019 19:58

Instrument :

BNA_P

ClientSampleId :

BASEMENT-FLOOR

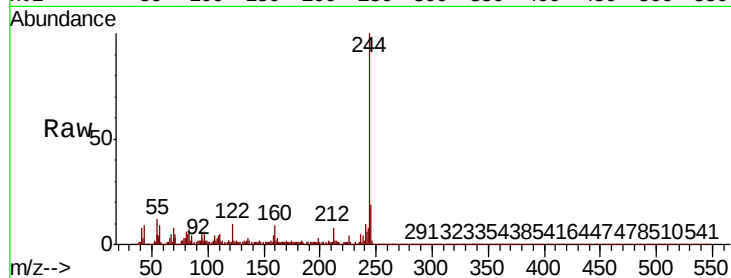
Tot Ion:244 Resp: 618272

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

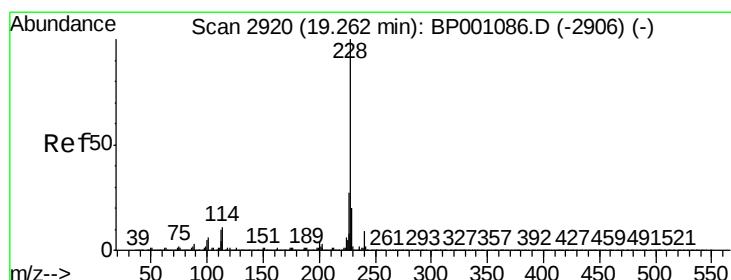
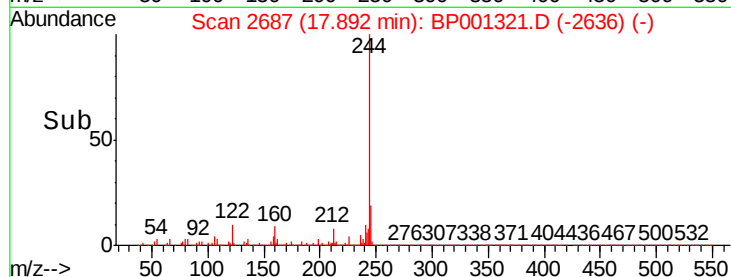
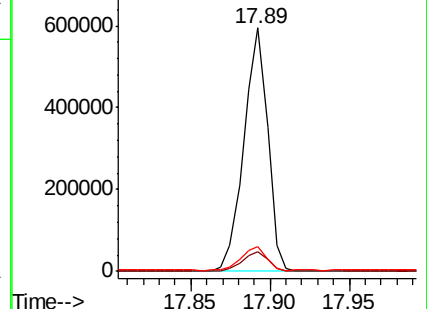
122 10.3 9.2 13.8



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



#81

Benzo(a)anthracene

Concen: 19.454 ng

RT: 19.25 min Scan# 2917

Delta R.T. 0.01 min

Lab File: BP001321.D

Acq: 11 Dec 2019 19:58

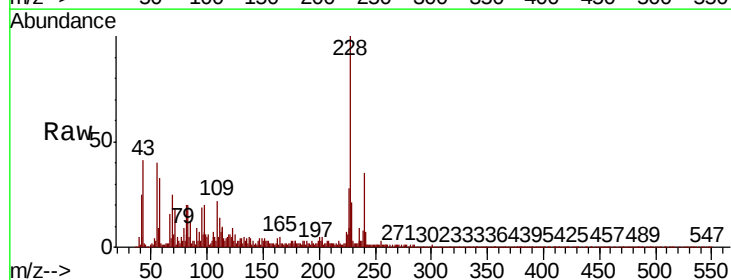
Tgt Ion:228 Resp: 216349

Ion Ratio Lower Upper

228 100

226 27.7 21.7 32.5

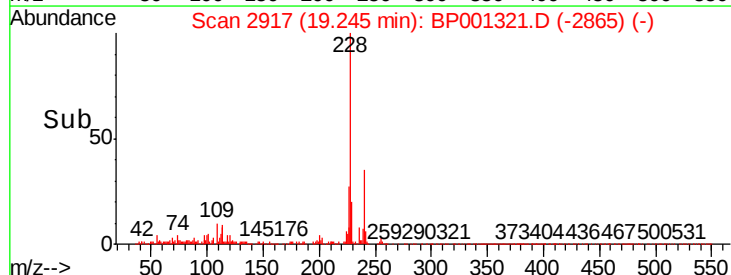
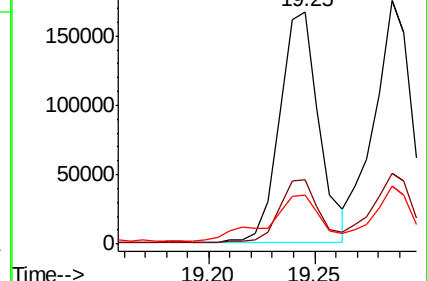
229 21.1 15.8 23.6

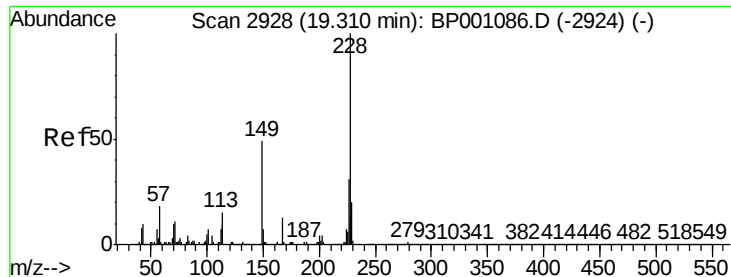


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 21.725 ng

RT: 19.25 min Scan# 2917

Delta R.T. -0.04 min

Lab File: BP001321.D

Acq: 11 Dec 2019 19:58

Instrument :

BNA_P

ClientSampleId :

BASEMENT-FLOOR

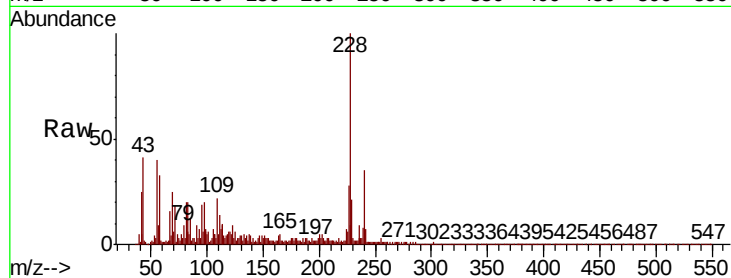
Tot Ion:228 Resp: 216349

Ion Ratio Lower Upper

228 100

226 27.7 23.7 35.5

229 21.1 15.2 22.8

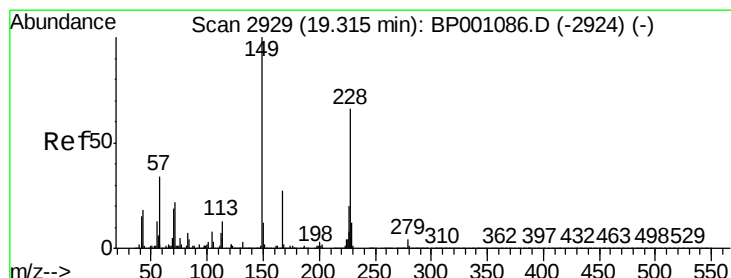
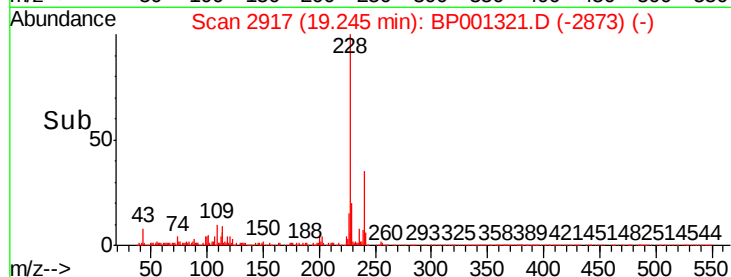
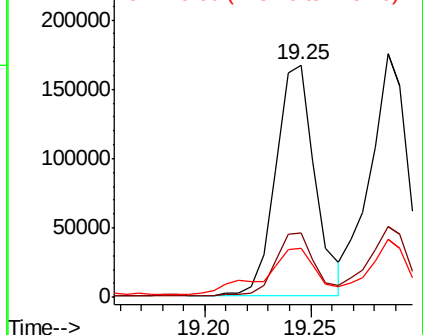


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.294 ng

RT: 19.29 min Scan# 2925

Delta R.T. 0.00 min

Lab File: BP001321.D

Acq: 11 Dec 2019 19:58

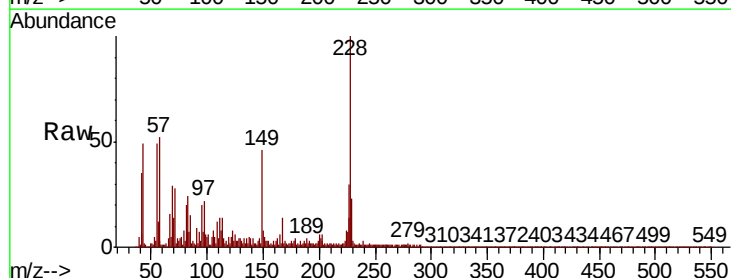
Tgt Ion:149 Resp: 74561

Ion Ratio Lower Upper

149 100

167 30.2 20.8 31.2

279 5.2 2.8 4.2#

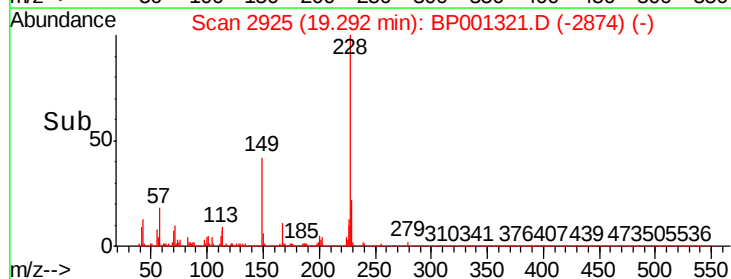
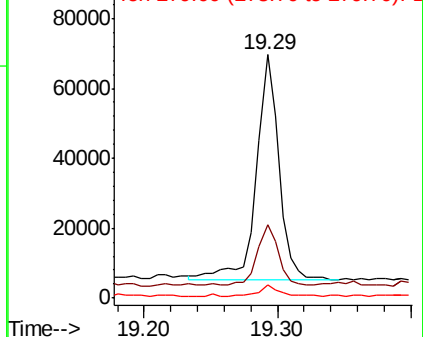


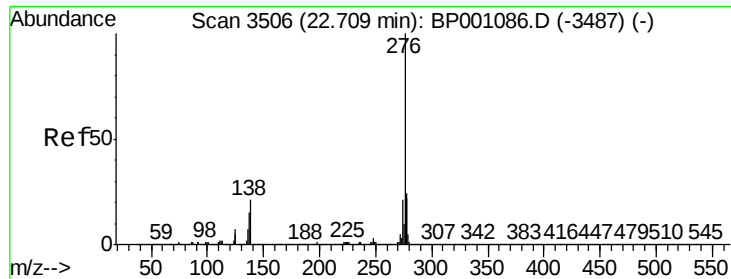
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

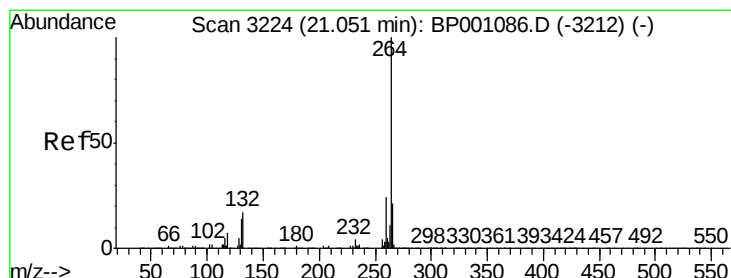
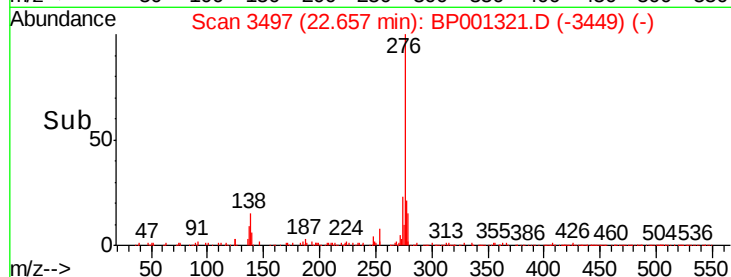
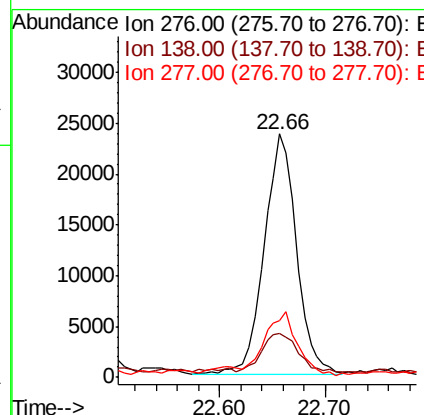
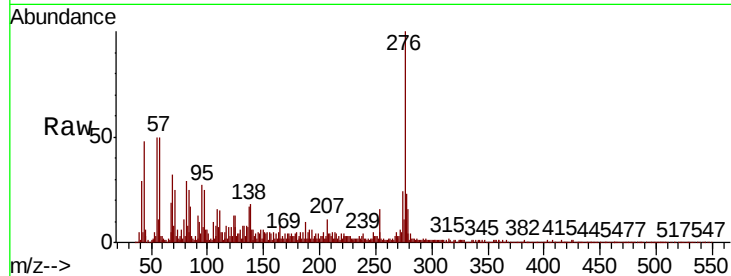




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 4.267 ng
 RT: 22.66 min Scan# 3497
 Delta R.T. -0.02 min
 Lab File: BP001321.D
 Acq: 11 Dec 2019 19:58

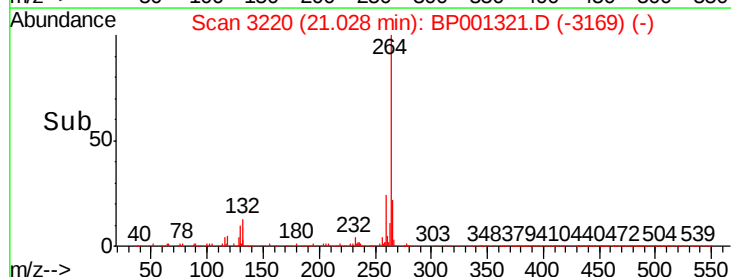
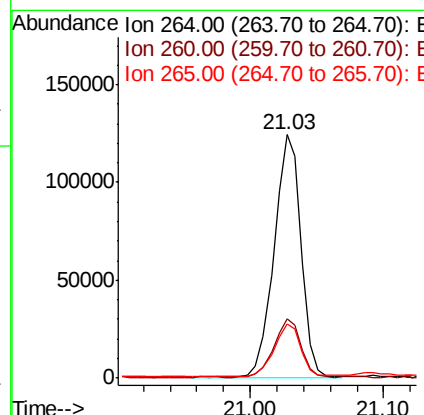
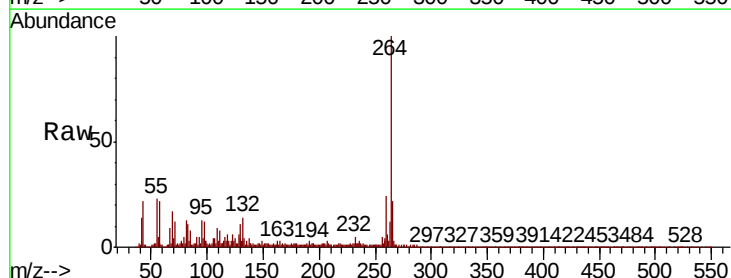
Instrument :
 BNA_P
 ClientSampleId :
 BASEMENT-FLOOR

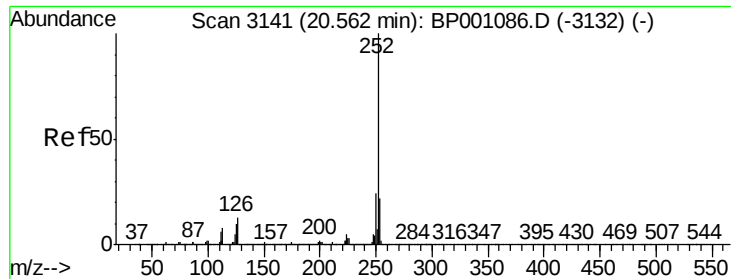
Tot Ion	Ratio	Lower	Upper
276	100		
138	18.0	17.9	26.9
277	26.5	20.1	30.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.03 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: BP001321.D
 Acq: 11 Dec 2019 19:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	22.4	17.1	25.7

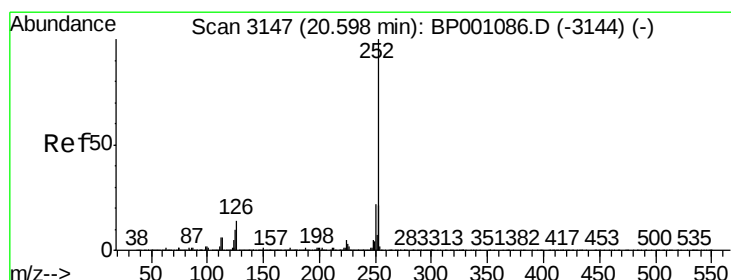
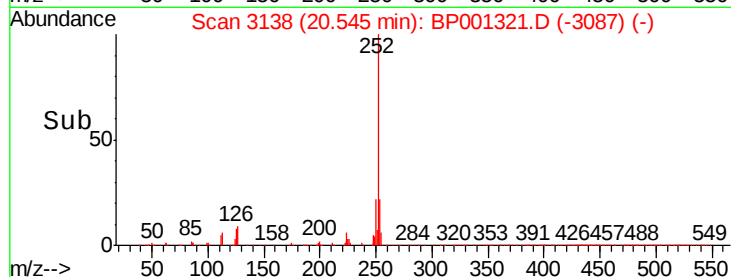
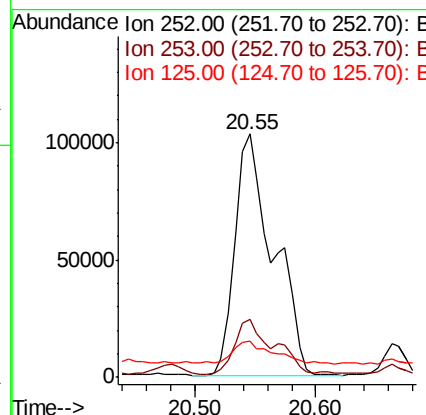
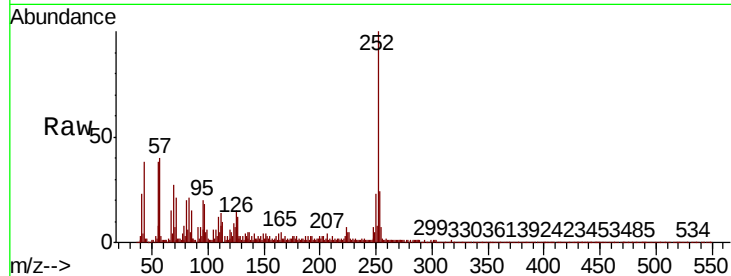




#88
Benzo(b)fluoranthene
Concen: 21.498 ng
RT: 20.55 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

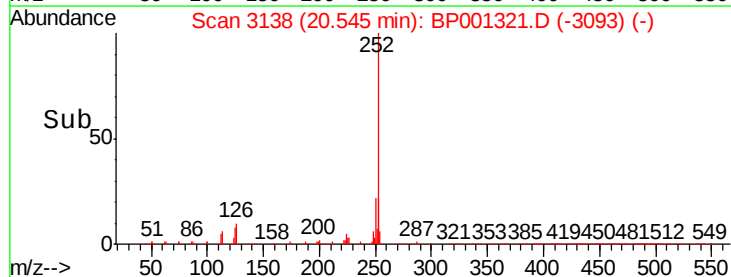
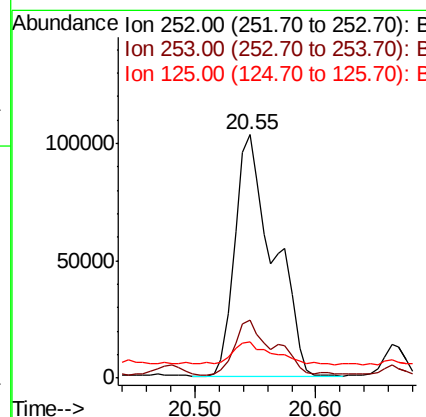
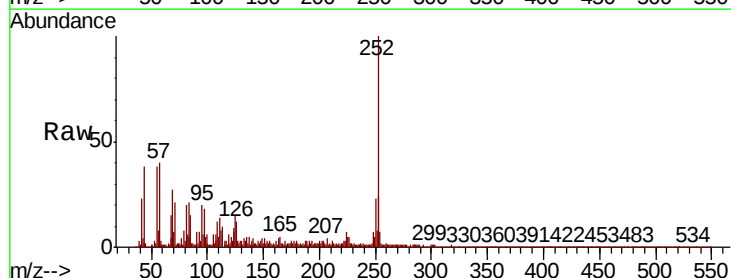
Instrument :
BNA_P
ClientSampleId :
BASEMENT-FLOOR

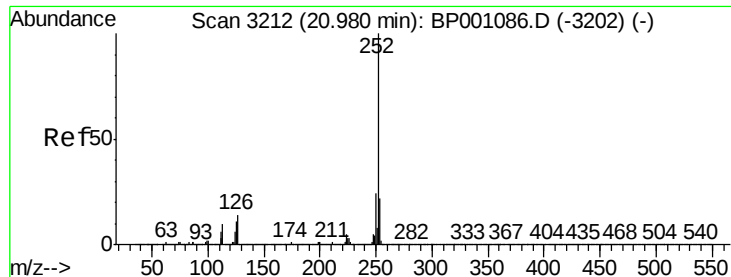
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.6
125	15.1	6.6	9.8#



#89
Benzo(k)fluoranthene
Concen: 22.320 ng
RT: 20.55 min Scan# 3138
Delta R.T. -0.04 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	15.1	6.2	9.4#





#90

Benzo(a)pyrene

Concen: 9.106 ng

RT: 20.95 min Scan# 3207

Delta R.T. -0.01 min

Lab File: BP001321.D

Acq: 11 Dec 2019 19:58

Instrument :

BNA_P

ClientSampleId :

BASEMENT-FLOOR

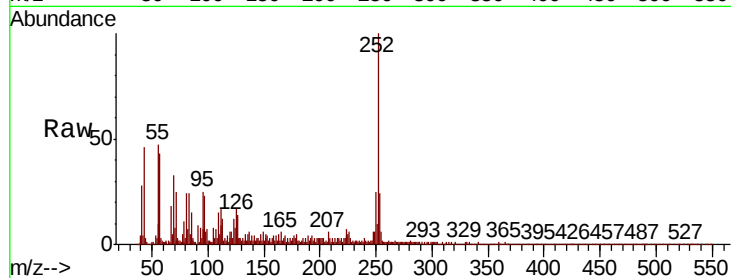
Tot Ion:252 Resp: 89200

Ion Ratio Lower Upper

252 100

253 23.7 16.8 25.2

125 17.2 7.8 11.6#

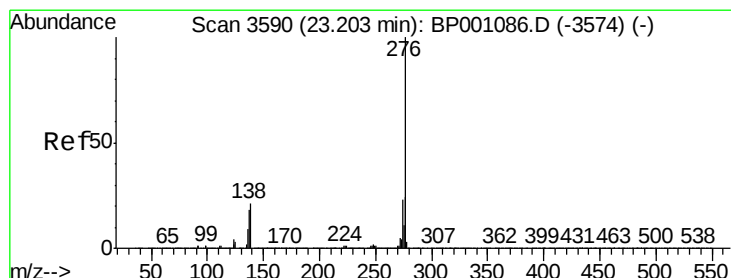
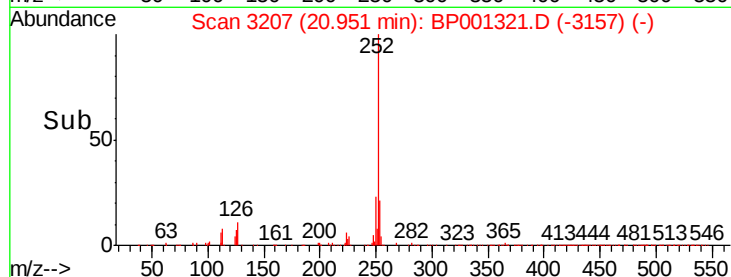
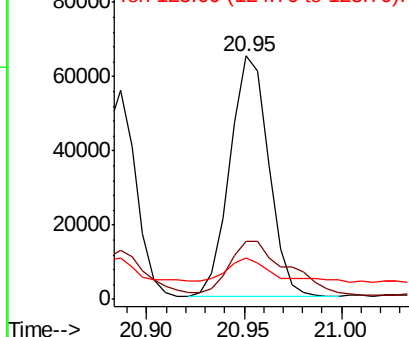


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Benzo(g,h,i)perylene

Concen: 4.777 ng

RT: 23.15 min Scan# 3580

Delta R.T. -0.02 min

Lab File: BP001321.D

Acq: 11 Dec 2019 19:58

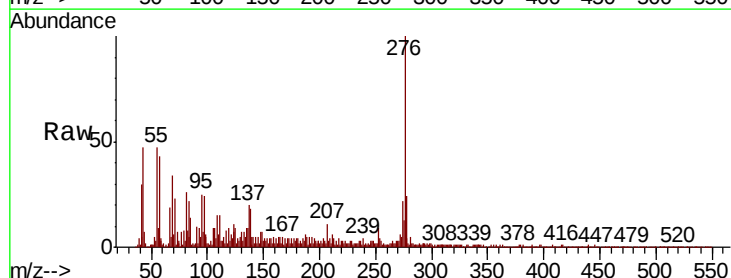
Tgt Ion:276 Resp: 45219

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 18.2 15.6 23.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

