

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082520\
 Data File : BP003105.D
 Acq On : 25 Aug 2020 19:05
 Operator : CG/JU
 Sample : L3771-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DRUM-1

Quant Time: Aug 26 00:54:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:32:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	146514	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	410435	20.00	ng	0.01
39) Acenaphthene-d10	14.33	164	346770	20.00	ng	0.02
64) Phenanthrene-d10	17.08	188	752319	20.00	ng	0.02
76) Chrysene-d12	21.16	240	1289439	20.00	ng	0.00
86) Perylene-d12	23.43	264	1578300	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	956620	115.44	ng	0.00
7) Phenol-d6	6.85	99	907775	87.39	ng	0.00
23) Nitrobenzene-d5	8.82	82	726454	127.60	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	709726	151.33	ng	0.02
45) 2-Fluorobiphenyl	12.95	172	1966349	83.04	ng	0.02
79) Terphenyl-d14	19.65	244	3700520	63.15	ng	0.00

Target Compounds

						Qvalue
9) Benzaldehyde	6.78	77	285875	59.027	ng	# 1
10) Phenol	6.87	94	476726	49.520	ng	# 95
15) Benzyl Alcohol	7.90	79	18207	3.111	ng	# 60
18) Hexachloroethane	8.78	117	842753	227.157	ng	# 1
19) n-Nitroso-di-n-propylamine	8.46	70	144175	30.719	ng	# 50
20) 3+4-Methylphenols	8.44	107	21134	2.287	ng	# 28
22) Acetophenone	8.48	105	1626425	177.939	ng	# 59
24) Nitrobenzene	8.86	77	106568	19.057	ng	# 31
25) Isophorone	9.40	82	451291	44.926	ng	# 1
26) 2-Nitrophenol	9.62	139	52937	15.883	ng	# 1
27) 2,4-Dimethylphenol	9.69	122	48053	9.591	ng	# 1
28) bis(2-Chloroethoxy)methane	9.88	93	33718	4.507	ng	# 1
29) 2,4-Dichlorophenol	10.10	162	36362	5.850	ng	# 3
31) Naphthalene	10.52	128	2088456	99.040	ng	# 89
32) Benzoic acid	9.82	122	466859	106.869	ng	# 1
33) 4-Chloroaniline	10.59	127	141748	16.088	ng	# 1
35) Caprolactam	11.35	113	38595	20.661	ng	# 1
36) 4-Chloro-3-methylphenol	11.72	107	35239	6.071	ng	# 31
37) 2-Methylnaphthalene	12.15	142	5273533	349.597	ng	# 96
38) 1-Methylnaphthalene	12.36	142	3687958	257.224	ng	# 98
43) 2,4,6-Trichlorophenol	12.76	196	27477	4.066	ng	# 42
44) 2,4,5-Trichlorophenol	12.81	196	15188	2.125	ng	# 1
46) 1,1'-Biphenyl	13.16	154	864241	33.227	ng	# 92
48) 2-Nitroaniline	13.45	65	28994	7.273	ng	# 1
49) Acenaphthylene	14.06	152	161313	5.011	ng	# 1
50) Dimethylphthalate	13.78	163	58749	2.222	ng	# 1
51) 2,6-Dinitrotoluene	13.91	165	45980	8.366	ng	# 66
52) Acenaphthene	14.39	154	216896	10.966	ng	# 79
53) 3-Nitroaniline	14.25	138	18567	2.982	ng	# 13
54) 2,4-Dinitrophenol	14.42	184	4716	9.174	ng	# 1
55) Dibenzofuran	14.73	168	131008	4.218	ng	# 1
56) 4-Nitrophenol	14.56	139	185874	41.492	ng	# 53
57) 2,4-Dinitrotoluene	14.70	165	25489	3.449	ng	# 64
58) Fluorene	15.38	166	486782	20.344	ng	# 76

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QLast Update : Mon Aug 24 15:32:08 2020
Response via : Initial Calibration

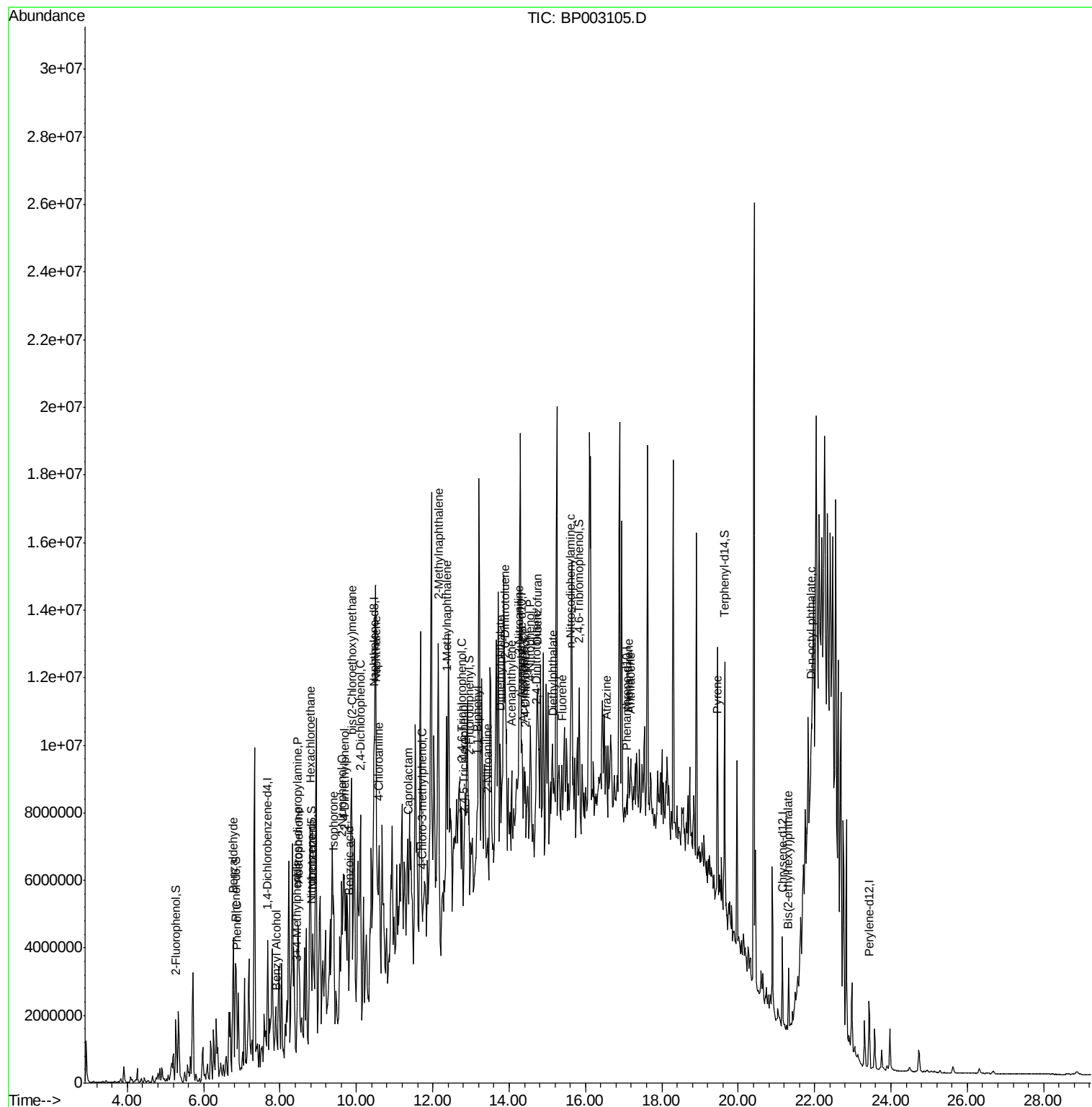
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) Diethylphthalate	15.15	149	67895	2.617	nq	# 29
66) n-Nitrosodiphenylamine	15.61	169	914452	41.570	nq	# 47
69) Atrazine	16.56	200	57711	7.778	nq	# 67
71) Phenanthrene	17.12	178	933720	22.905	nq	# 87
72) Anthracene	17.19	178	100852	2.585	nq	# 1
78) Pyrene	19.44	202	287419	3.434	nq	# 92
84) Bis(2-ethylhexyl)phthalate	21.31	149	110332	2.217	nq	92
85) Di-n-octyl phthalate	21.92	149	1959207	22.964	nq	# 88

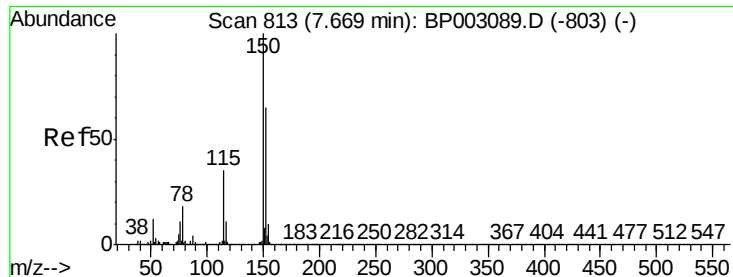
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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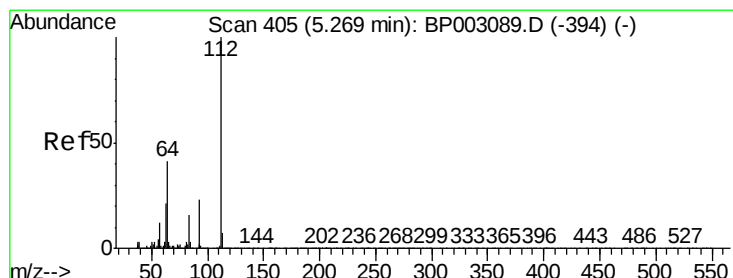
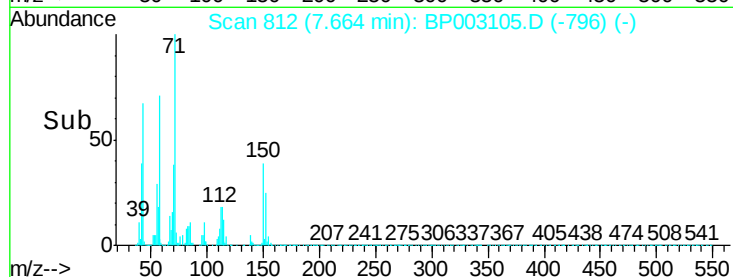
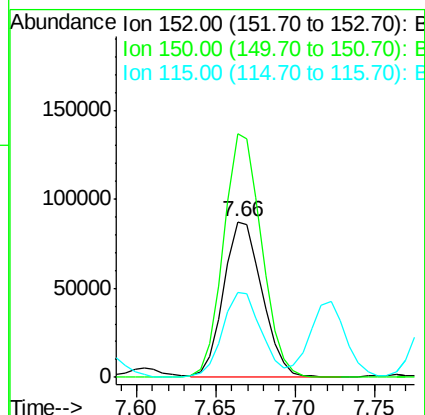
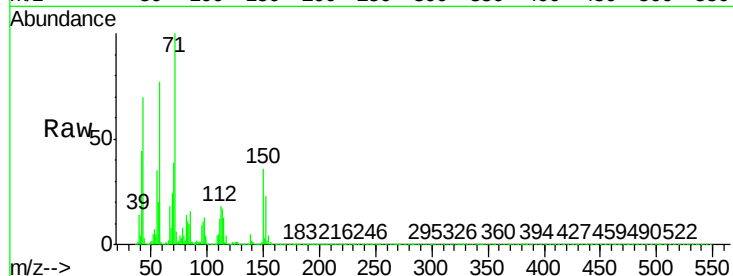


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

Instrument :
BNA_P
ClientSampleId :
DRUM-1

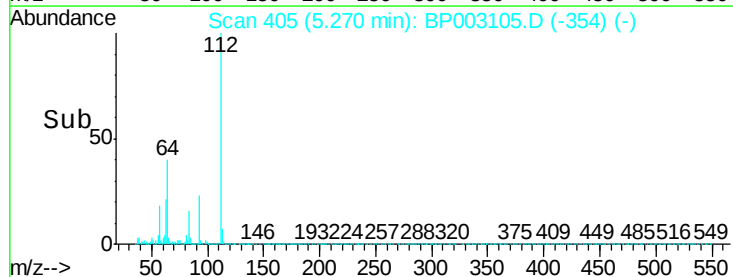
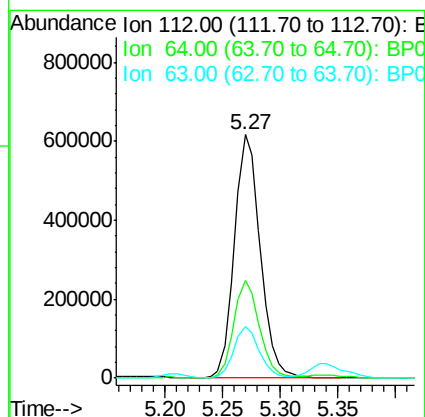
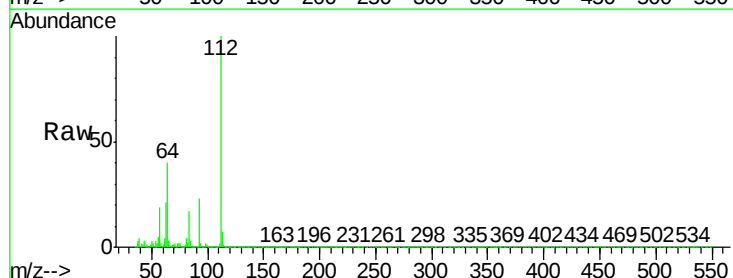
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.1	184.7
115	54.8	42.8	64.2

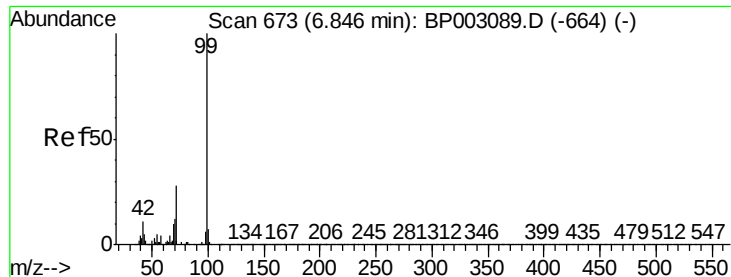


#5

2-Fluorophenol
Concen: 115.438 ng
RT: 5.27 min Scan# 405
Delta R.T. 0.00 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.0	33.0	49.6
63	21.1	16.9	25.3





#7

Phenol-d6

Concen: 87.385 ng

RT: 6.85 min Scan# 673

Delta R.T. 0.00 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

Instrument :

BNA_P

ClientSampleId :

DRUM-1

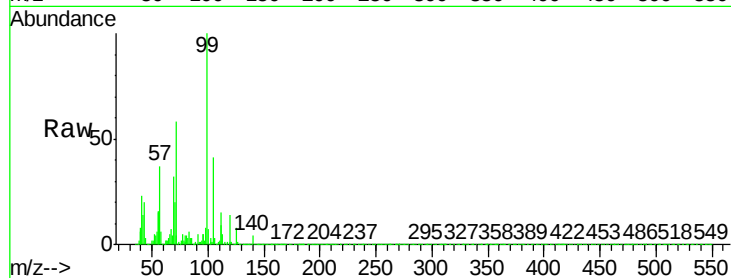
Tot Ion: 99 Resp: 907775

Ion Ratio Lower Upper

99 100

42 13.9 8.5 12.7#

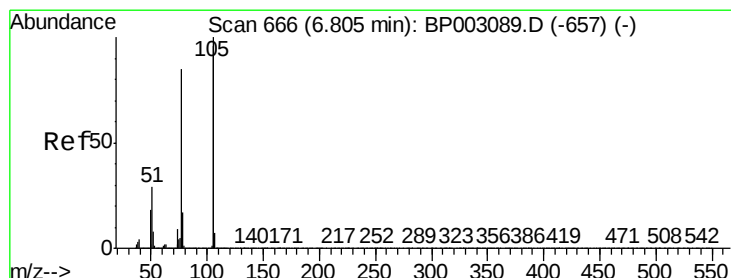
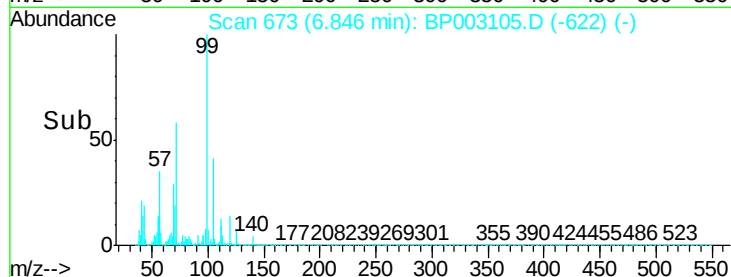
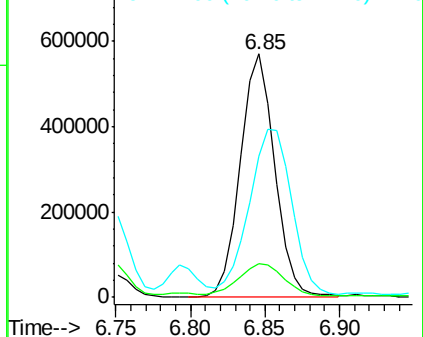
71 58.1 22.8 34.2#



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: 59.027 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.03 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

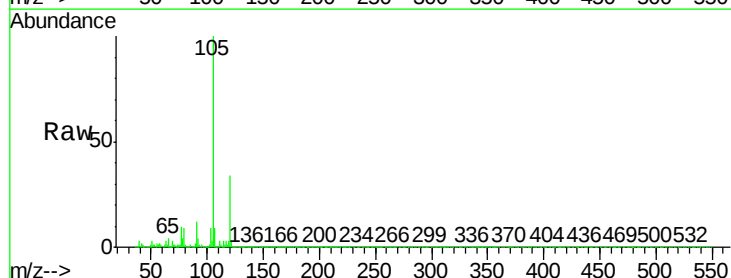
Tgt Ion: 77 Resp: 285875

Ion Ratio Lower Upper

77 100

105 961.8 98.3 138.3#

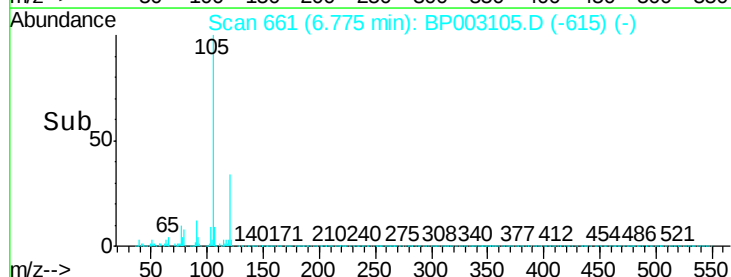
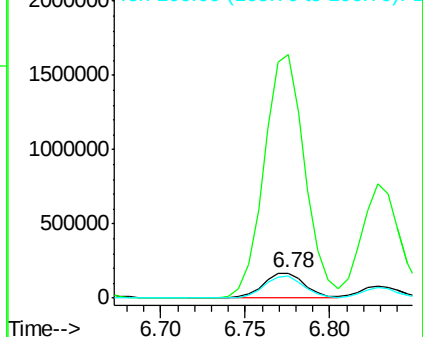
106 85.6 93.9 133.9#

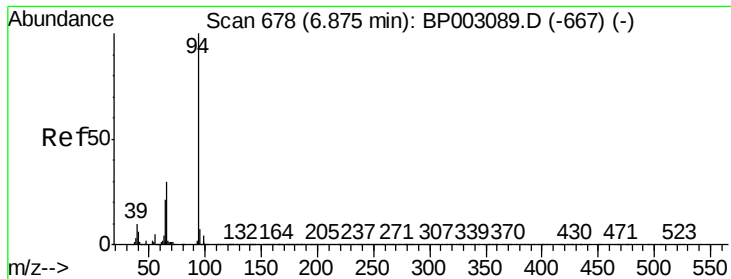


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 49.520 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

Instrument :

BNA_P

ClientSampleId :

DRUM-1

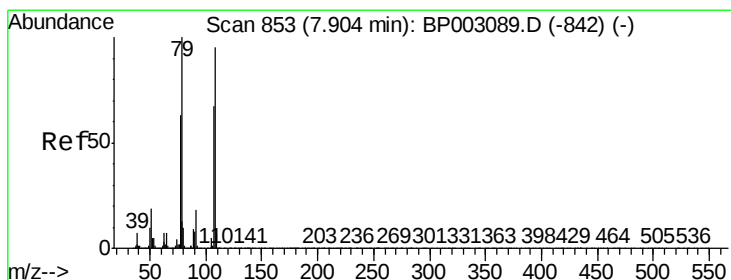
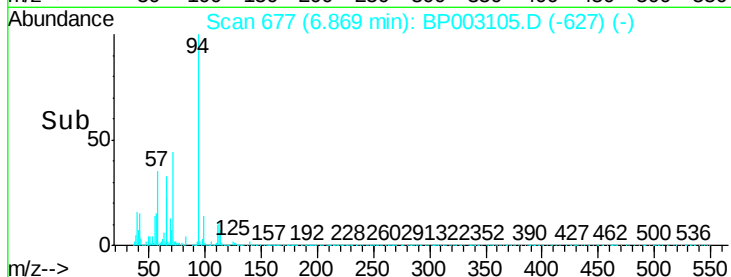
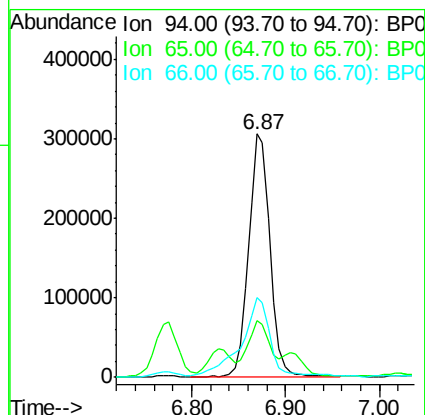
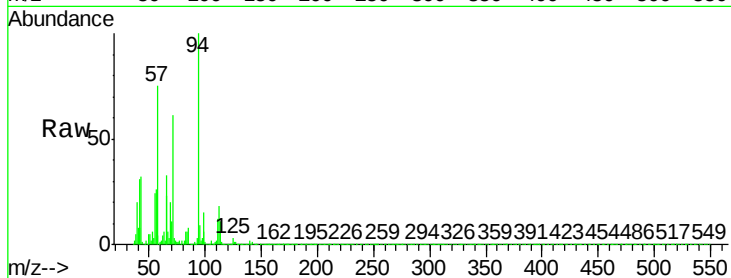
Tot Ion: 94 Resp: 476726

Ion Ratio Lower Upper

94 100

65 23.1 1.0 41.0

66 33.0 9.7 49.7



#15

Benzyl Alcohol

Concen: 3.111 ng

RT: 7.90 min Scan# 853

Delta R.T. 0.00 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

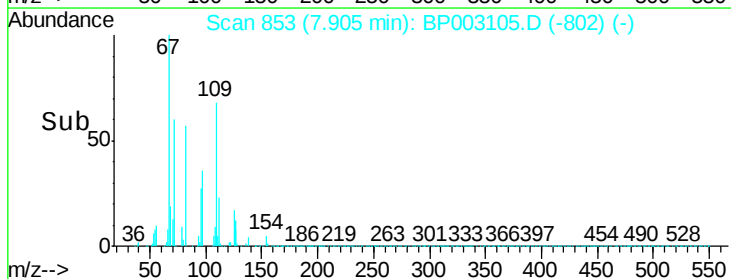
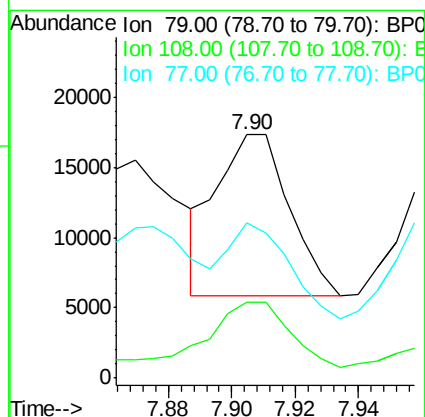
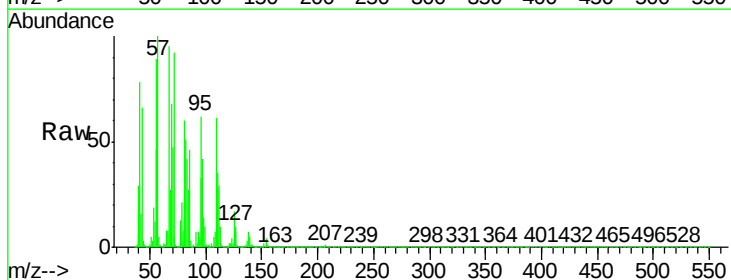
Tgt Ion: 79 Resp: 18207

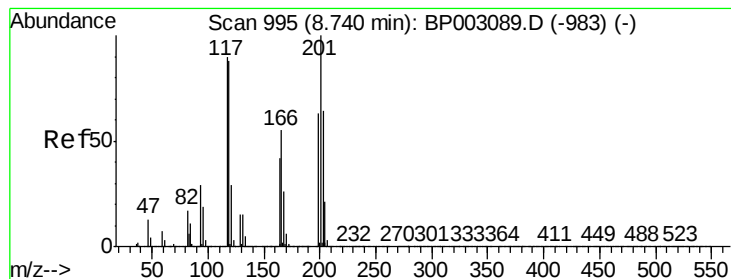
Ion Ratio Lower Upper

79 100

108 31.4 75.7 113.5#

77 63.7 50.2 75.2





#18

Hexachloroethane

Concen: 227.157 ng

RT: 8.78 min Scan# 1002

Delta R.T. 0.04 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

Instrument :

BNA_P

ClientSampled :

DRUM-1

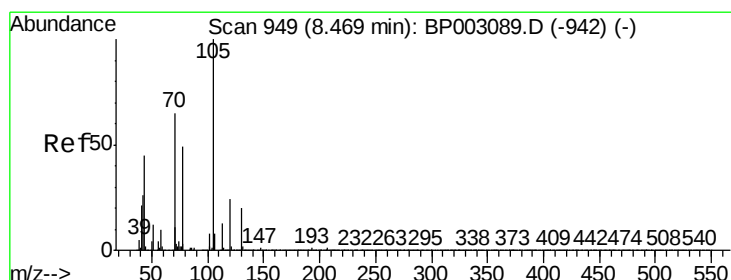
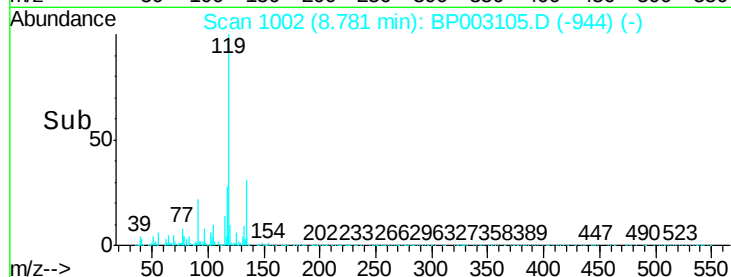
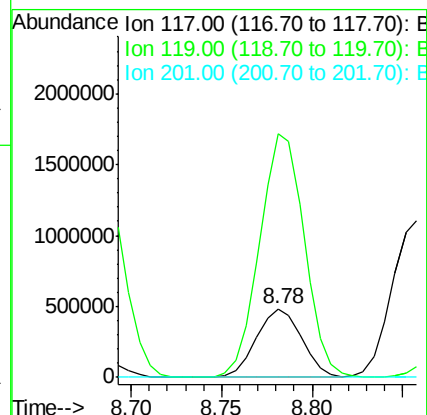
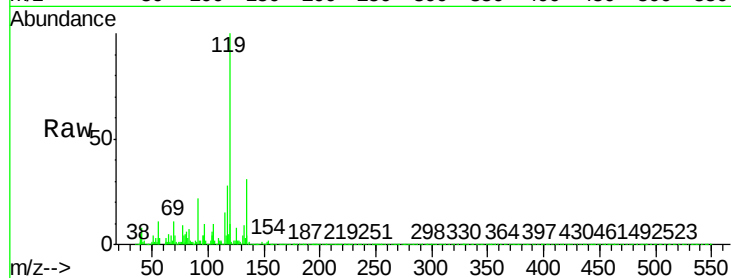
Tot Ion:117 Resp: 842753

Ion Ratio Lower Upper

117 100

119 354.1 77.7 116.5#

201 0.0 88.4 132.6#



#19

n-Nitroso-di-n-propylamine

Concen: 30.719 ng

RT: 8.46 min Scan# 947

Delta R.T. -0.01 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

Tgt Ion: 70 Resp: 144175

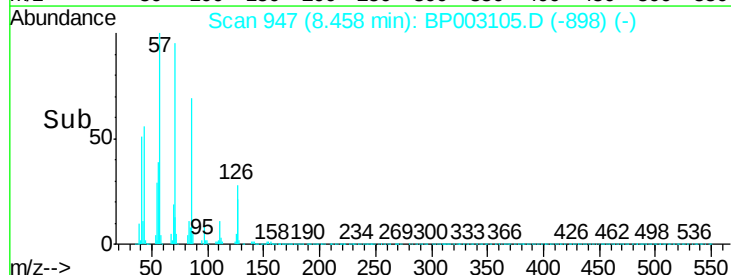
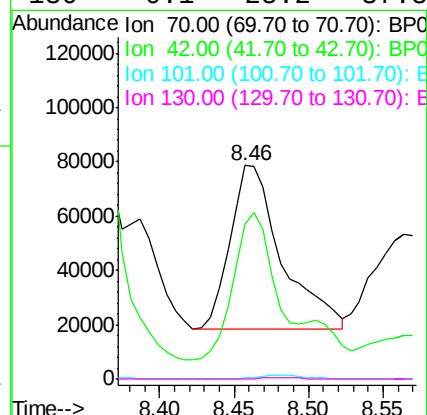
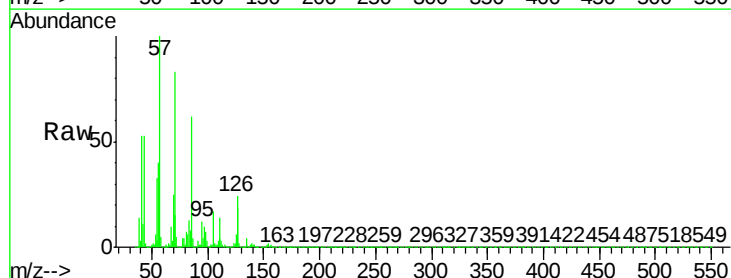
Ion Ratio Lower Upper

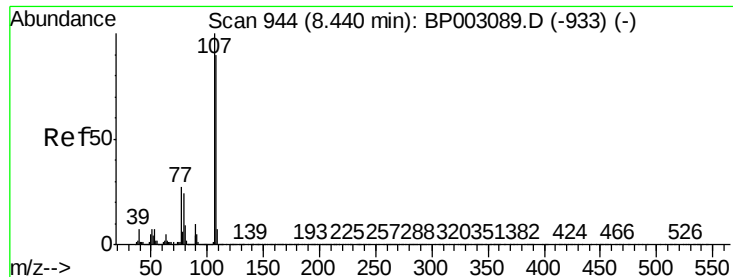
70 100

42 72.5 32.5 48.7#

101 0.4 10.2 15.2#

130 0.1 25.2 37.8#

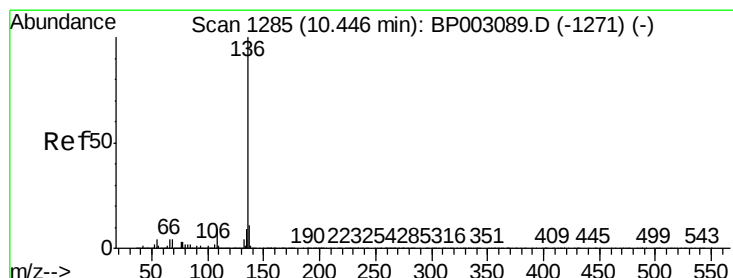
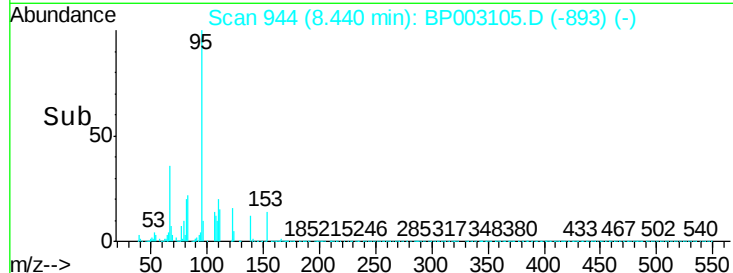
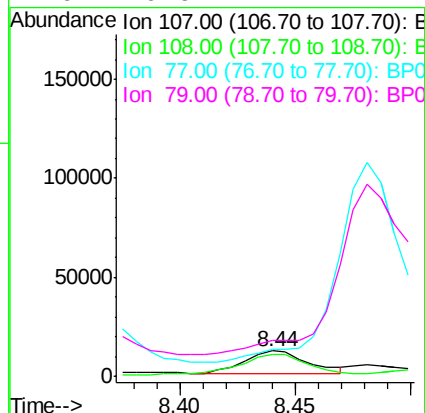
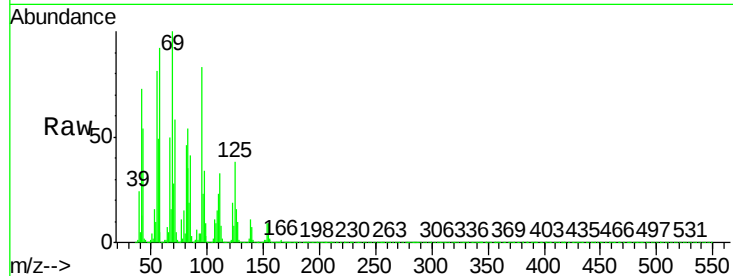




#20
3+4-Methylphenols
Concen: 2.287 ng
RT: 8.44 min Scan# 944
Delta R.T. 0.00 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

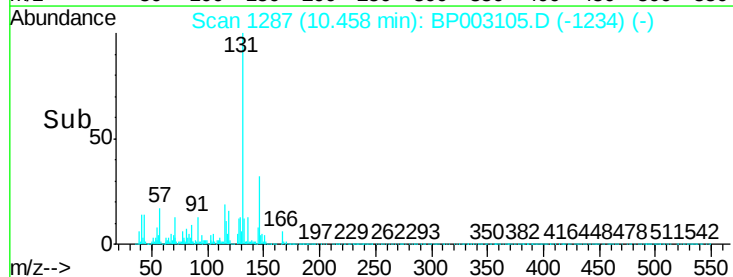
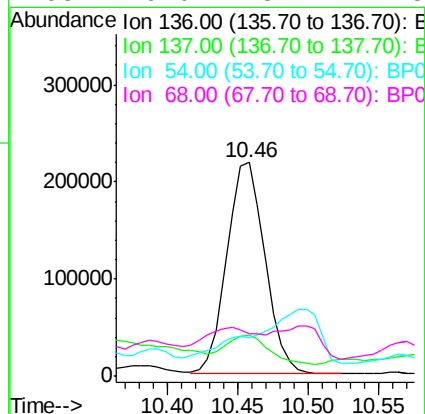
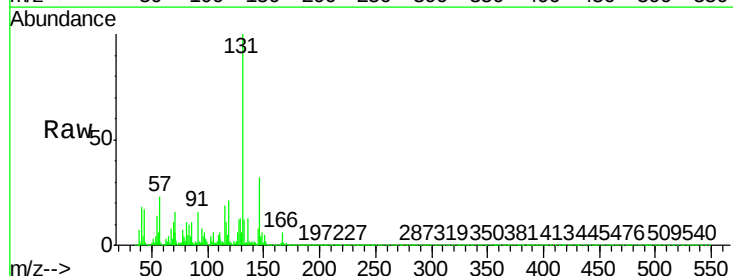
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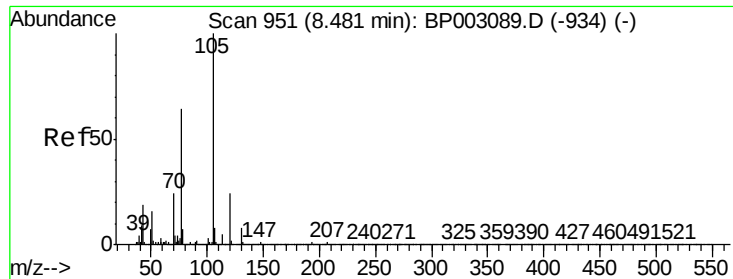
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Ion Ratio	Lower	Upper
107	100	
108	85.4	69.7 109.7
77	105.4	7.2 47.2#
79	140.6	4.4 44.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

Tgt Ion:136	Resp:	410435
Ion Ratio	Lower	Upper
136	100	
137	19.0	8.8 13.2#
54	18.2	3.5 5.3#
68	20.0	3.2 4.8#

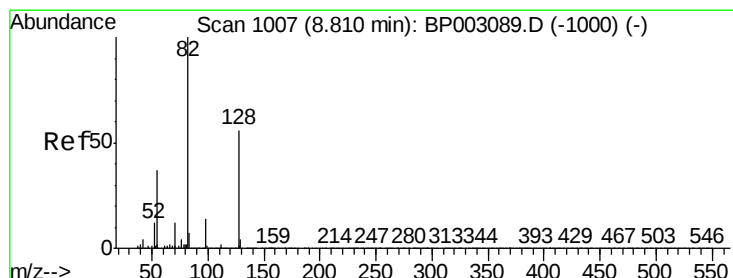
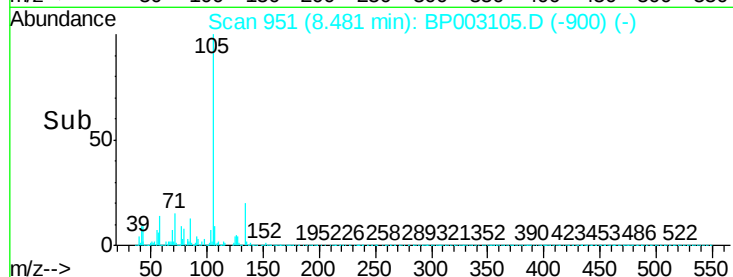
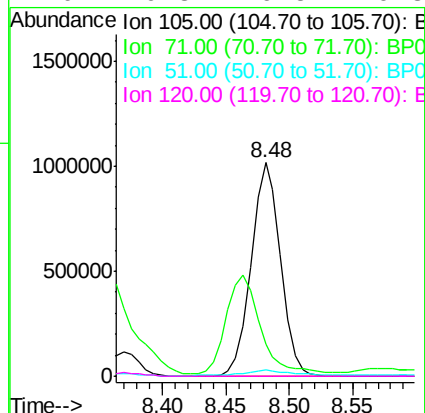
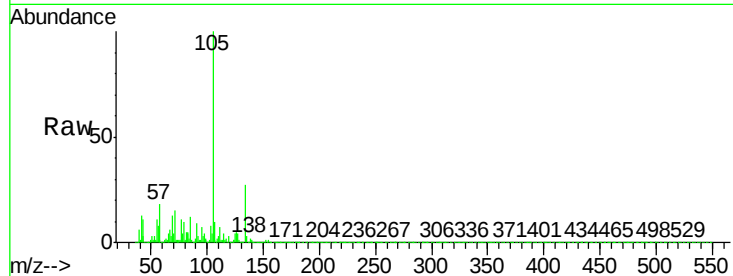




#22
Acetophenone
Concen: 177.939 ng
RT: 8.48 min Scan# 951
Delta R.T. 0.00 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

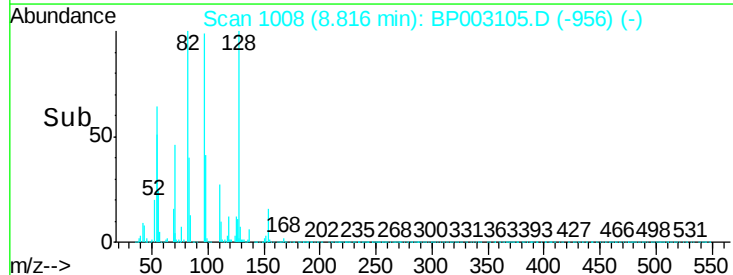
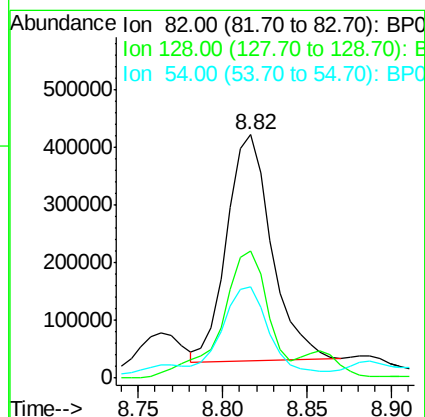
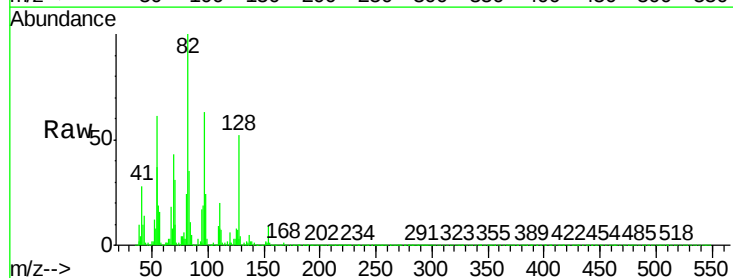
Instrument :
BNA_P
ClientSampleId :
DRUM-1

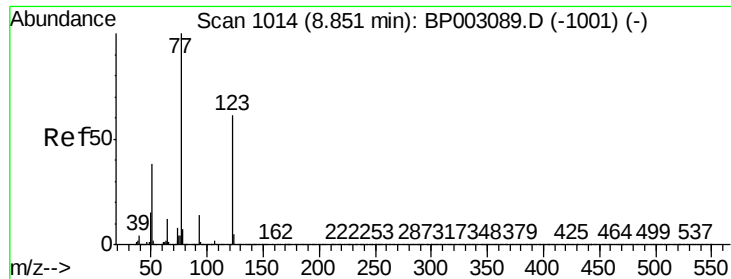
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Ion Ratio Lower Upper
105 100
71 14.8 3.1 4.7#
51 2.9 13.0 19.6#
120 0.3 19.5 29.3#



#23
Nitrobenzene-d5
Concen: 127.598 ng
RT: 8.82 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

Tgt Ion: 82 Resp: 726454
Ion Ratio Lower Upper
82 100
128 52.3 44.9 67.3
54 37.4 29.4 44.2

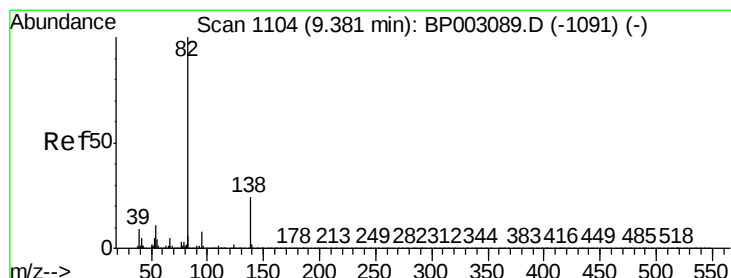
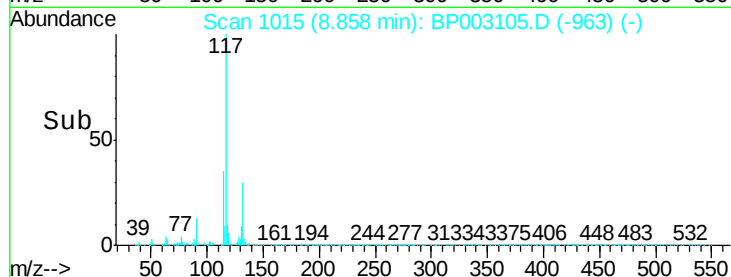
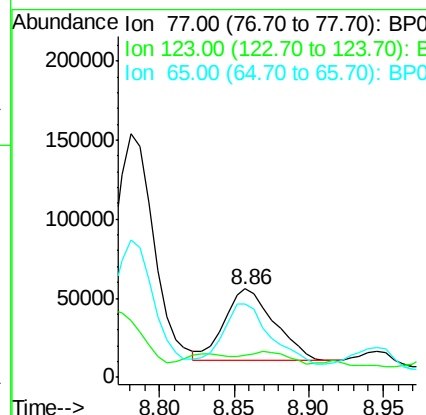
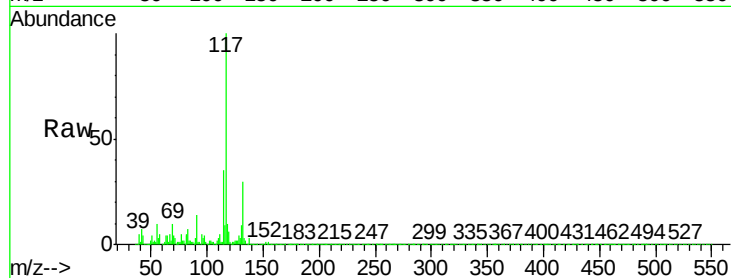




#24
Nitrobenzene
Concen: 19.057 ng
RT: 8.86 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

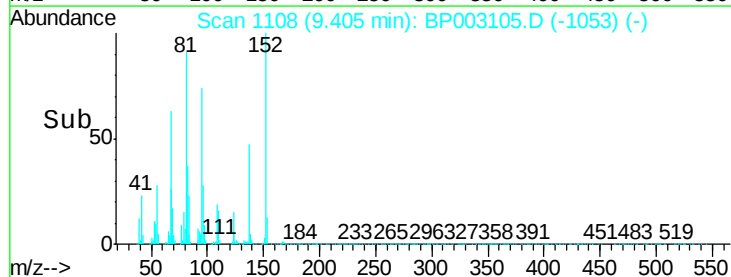
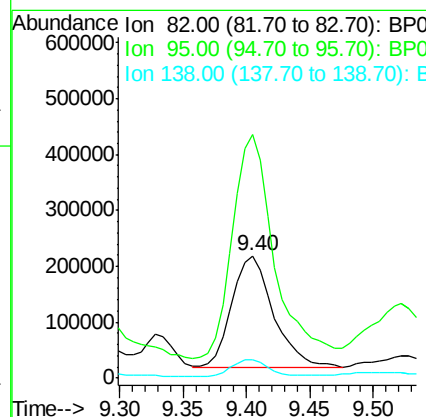
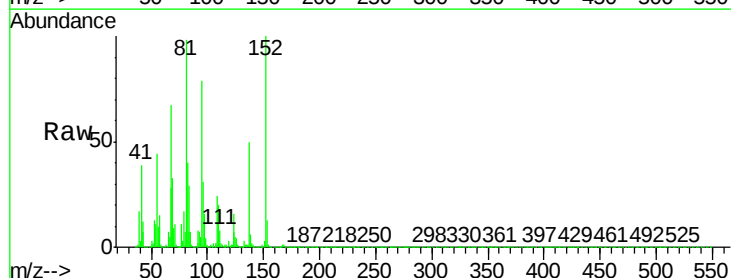
Instrument :
BNA_P
ClientSampleId :
DRUM-1

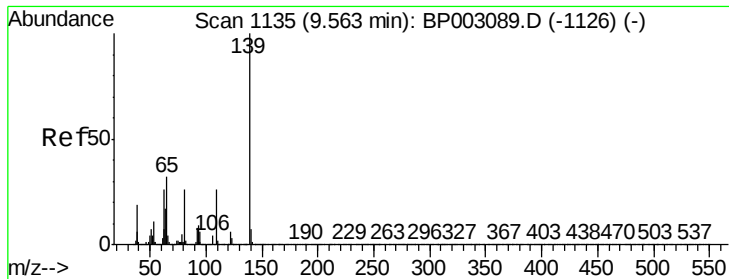
Tot Ion	Ratio	Lower	Upper
77	100		
123	25.3	49.0	73.4#
65	82.1	9.6	14.4#



#25
Isophorone
Concen: 44.926 ng
RT: 9.40 min Scan# 1108
Delta R.T. 0.02 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
82	100		
95	198.5	6.0	9.0#
138	14.8	19.1	28.7#

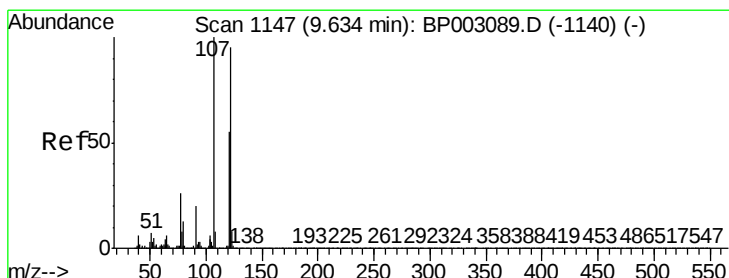
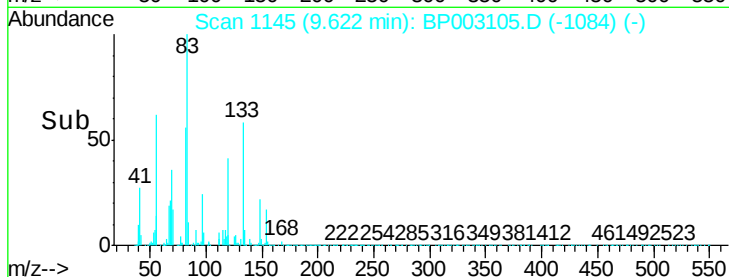
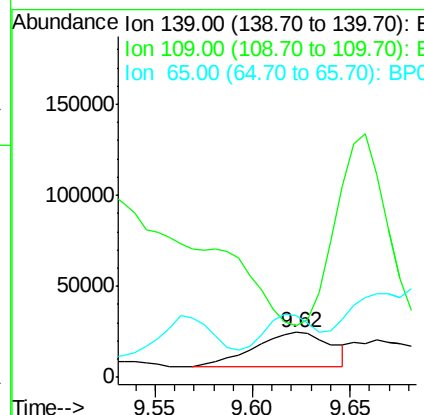
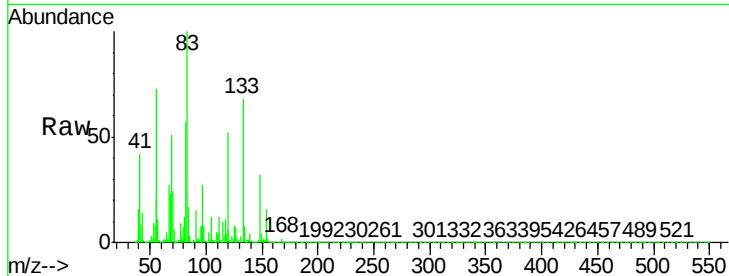




#26
2-Nitrophenol
Concen: 15.883 ng
RT: 9.62 min Scan# 1145
Delta R.T. 0.06 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

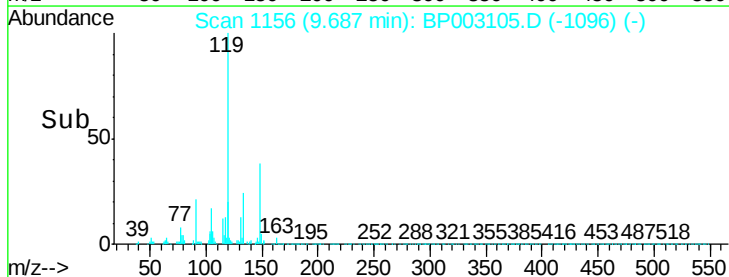
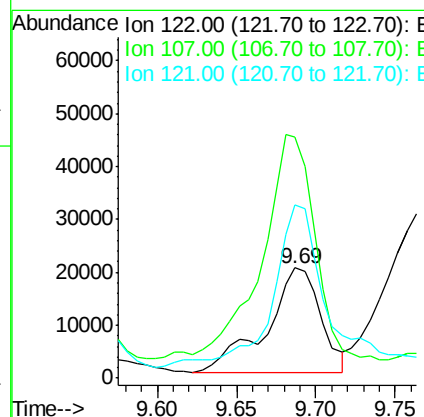
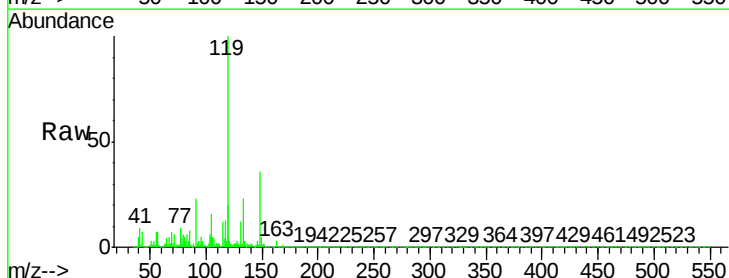
Instrument :
BNA_P
ClientSampleId :
DRUM-1

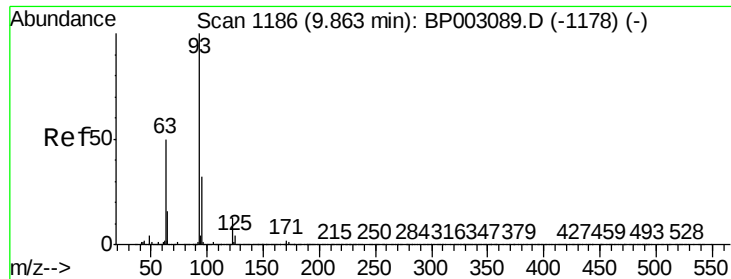
Tot Ion:139 Resp: 52937
Ion Ratio Lower Upper
139 100
109 115.7 21.2 31.8#
65 136.4 25.4 38.0#



#27
2,4-Dimethylphenol
Concen: 9.591 ng
RT: 9.69 min Scan# 1156
Delta R.T. 0.05 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

Tgt Ion:122 Resp: 48053
Ion Ratio Lower Upper
122 100
107 219.1 84.3 126.5#
121 157.5 46.0 69.0#

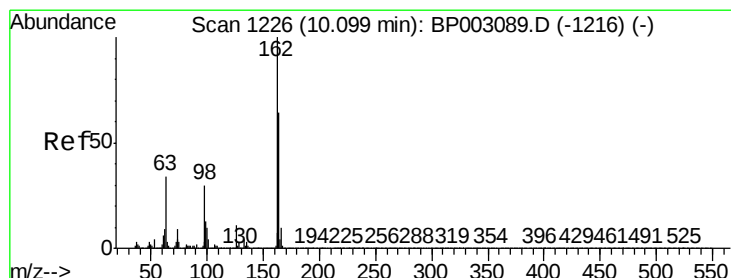
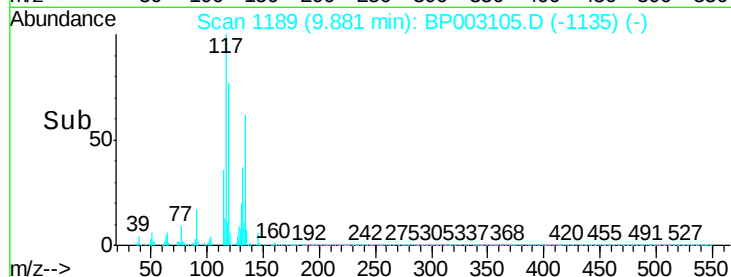
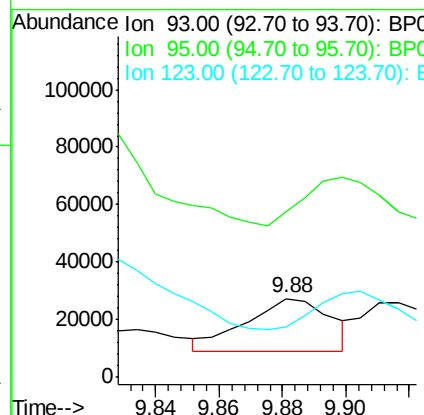
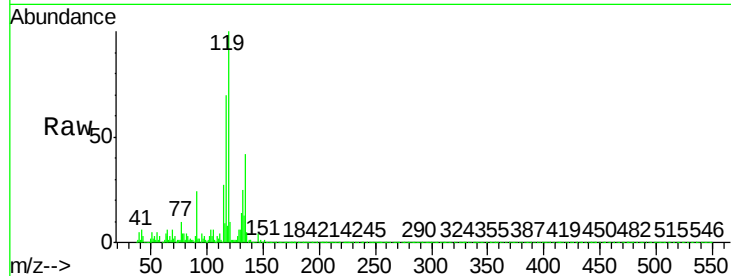




#28
bis(2-Chloroethoxy)methane
Concen: 4.507 ng
RT: 9.88 min Scan# 1189
Delta R.T. 0.02 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

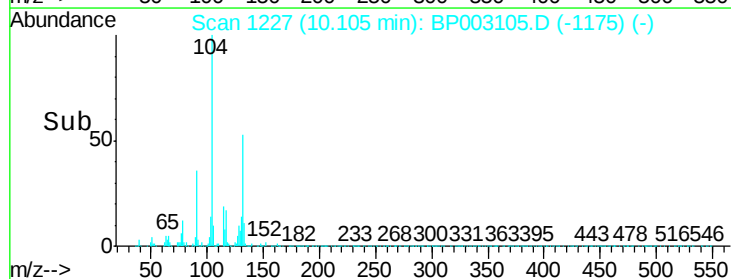
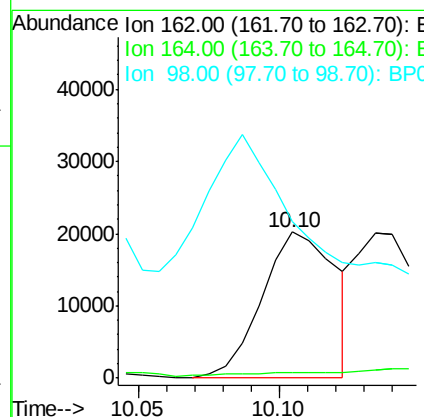
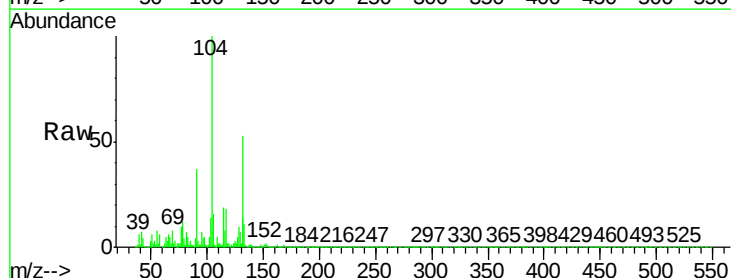
Instrument :
BNA_P
ClientSampleId :
DRUM-1

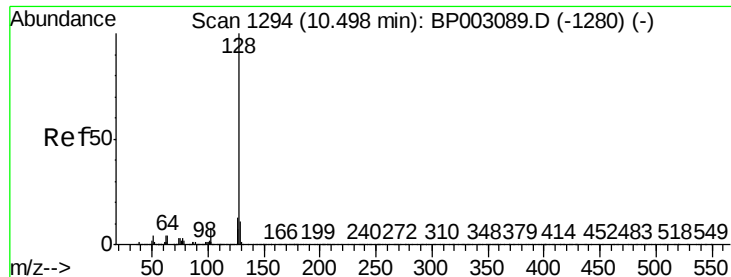
Tot Ion: 93 Resp: 33718
Ion Ratio Lower Upper
93 100
95 210.8 25.8 38.8#
123 64.7 10.6 15.8#



#29
2,4-Dichlorophenol
Concen: 5.850 ng
RT: 10.10 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

Tgt Ion: 162 Resp: 36362
Ion Ratio Lower Upper
162 100
164 3.9 43.6 83.6#
98 106.9 10.1 50.1#

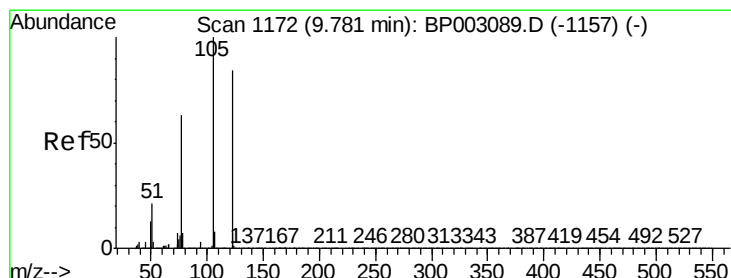
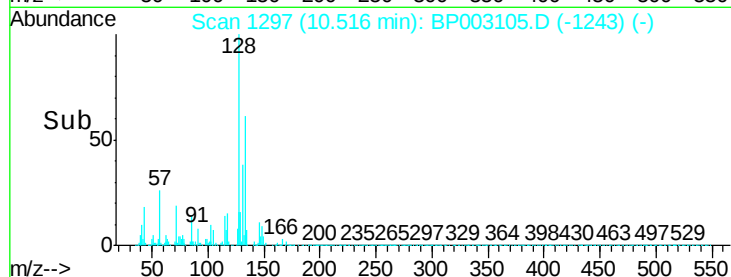
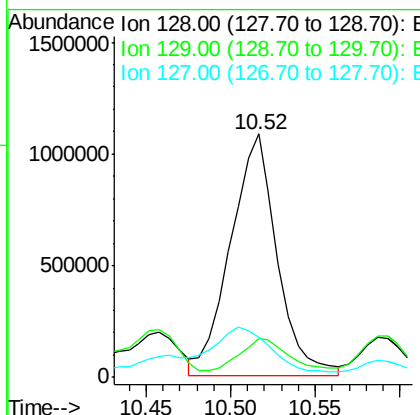
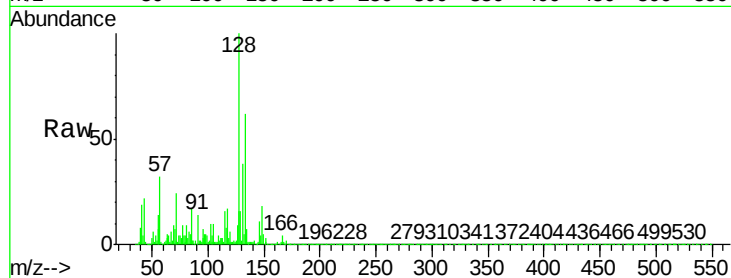




#31
Naphthalene
Concen: 99.040 ng
RT: 10.52 min Scan# 1297
Delta R.T. 0.02 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

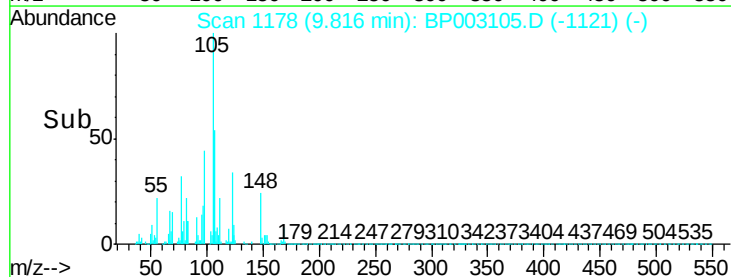
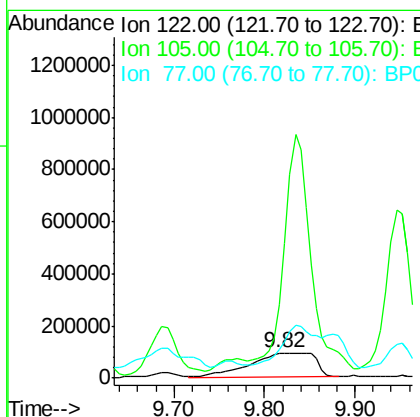
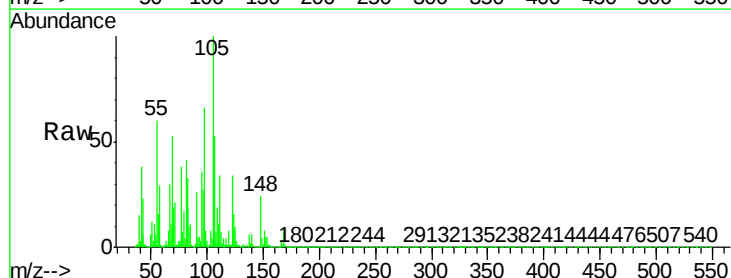
Instrument :
BNA_P
ClientSampleId :
DRUM-1

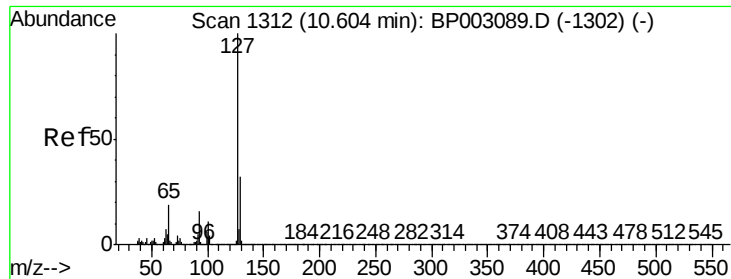
Tot Ion:128 Resp: 2088456
Ion Ratio Lower Upper
128 100
129 15.9 8.6 13.0#
127 16.5 10.5 15.7#



#32
Benzoic acid
Concen: 106.869 ng
RT: 9.82 min Scan# 1178
Delta R.T. 0.04 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

Tgt Ion:122 Resp: 466859
Ion Ratio Lower Upper
122 100
105 293.5 98.1 138.1#
77 111.3 55.3 95.3#

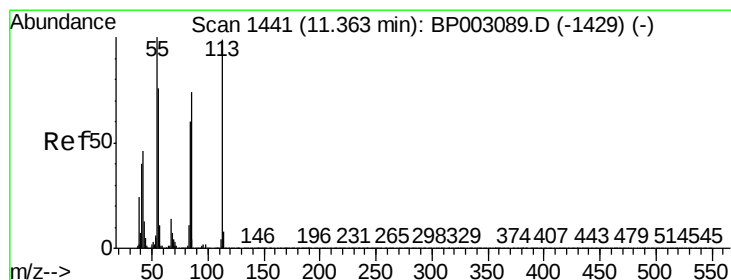
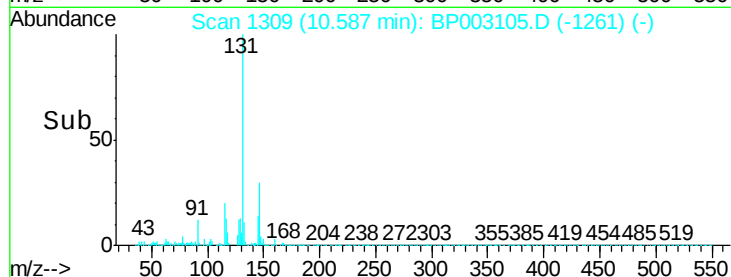
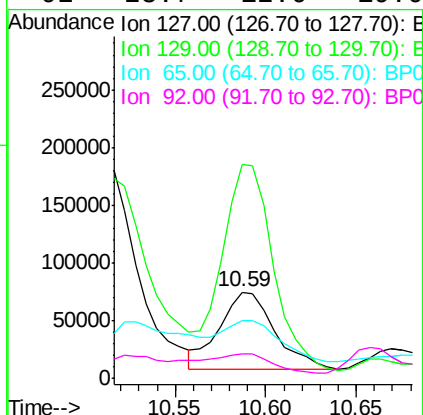
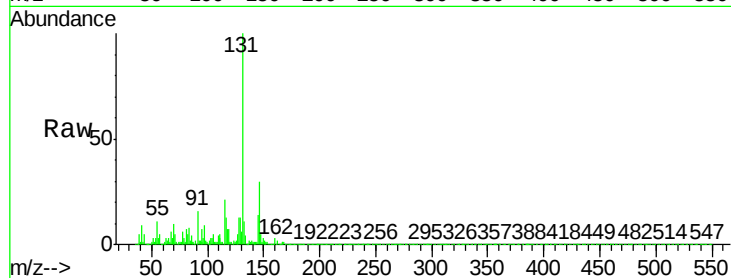




#33
4-Chloroaniline
Concen: 16.088 ng
RT: 10.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

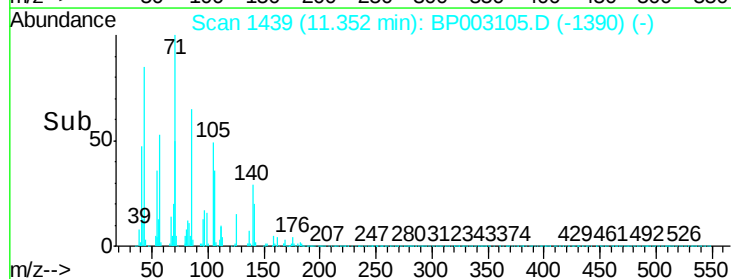
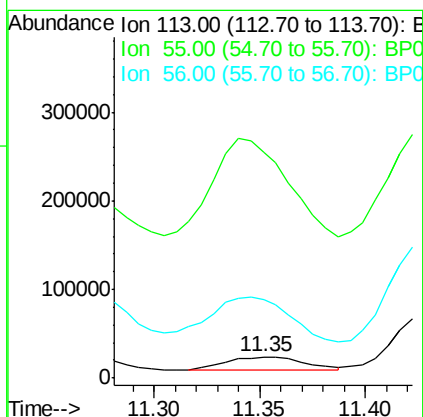
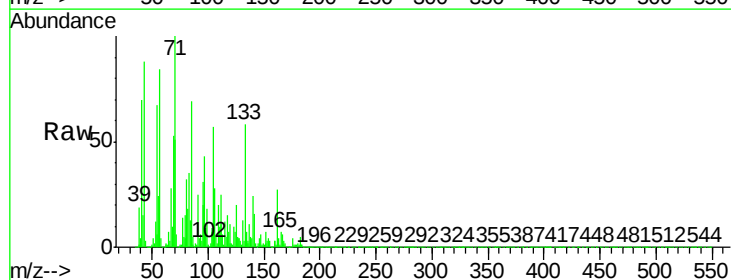
Instrument :
BNA_P
ClientSampleId :
DRUM-1

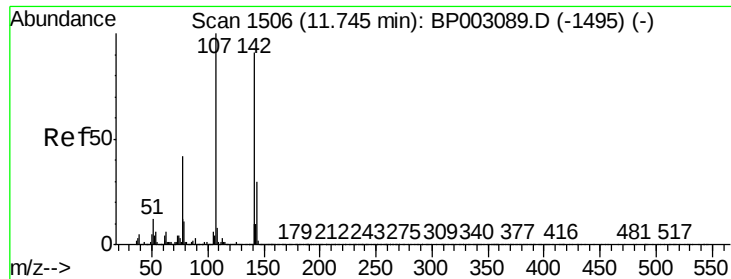
Tot Ion:127 Resp: 141748
Ion Ratio Lower Upper
127 100
129 247.5 25.4 38.0#
65 66.3 15.5 23.3#
92 28.7 12.6 19.0#



#35
Caprolactam
Concen: 20.661 ng
RT: 11.35 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

Tgt Ion:113 Resp: 38595
Ion Ratio Lower Upper
113 100
55 1069.8 81.3 121.3#
56 375.1 56.4 96.4#

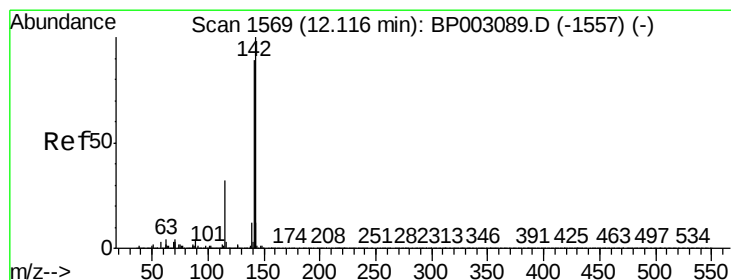
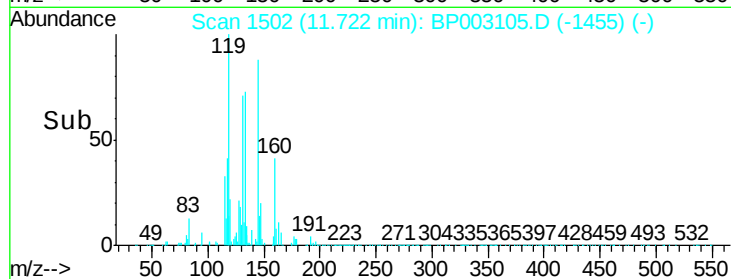
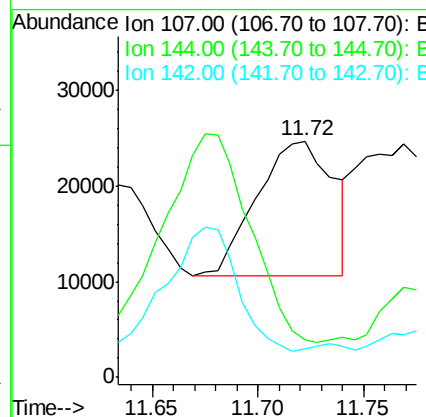
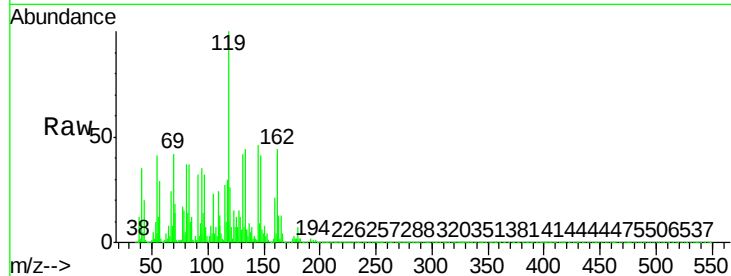




#36
 4-Chloro-3-methylphenol
 Concen: 6.071 ng
 RT: 11.72 min Scan# 1502
 Delta R.T. -0.02 min
 Lab File: BP003105.D
 Acq: 25 Aug 2020 19:05

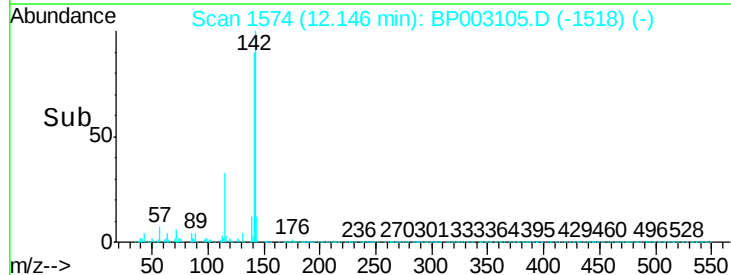
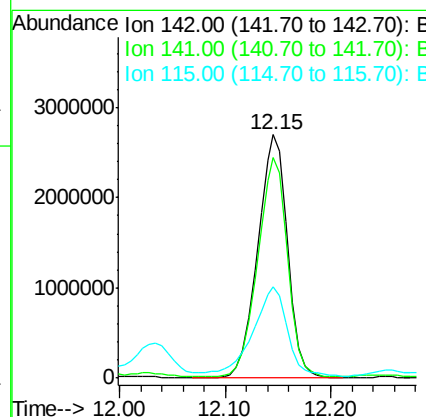
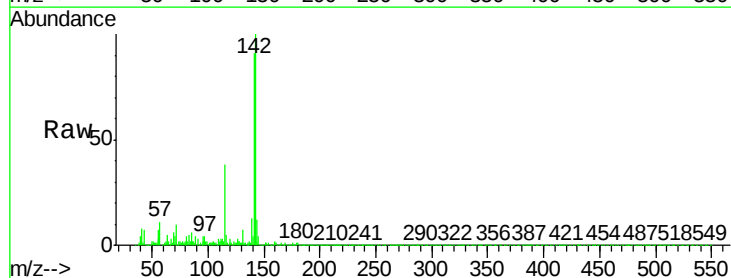
Instrument :
 BNA_P
 ClientSampleId :
 DRUM-1

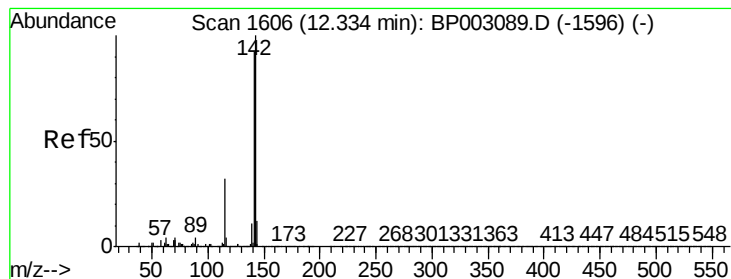
Tot Ion:107 Resp: 35239
 Ion Ratio Lower Upper
 107 100
 144 15.8 24.2 36.4#
 142 12.0 73.0 109.6#



#37
 2-Methylnaphthalene
 Concen: 349.597 ng
 RT: 12.15 min Scan# 1574
 Delta R.T. 0.03 min
 Lab File: BP003105.D
 Acq: 25 Aug 2020 19:05

Tgt Ion:142 Resp: 5273533
 Ion Ratio Lower Upper
 142 100
 141 90.7 71.1 106.7
 115 37.6 25.2 37.8





#38

1-Methylnaphthalene

Concen: 257.224 ng

RT: 12.36 min Scan# 1611

Delta R.T. 0.03 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

Instrument :

BNA_P

ClientSampleId :

DRUM-1

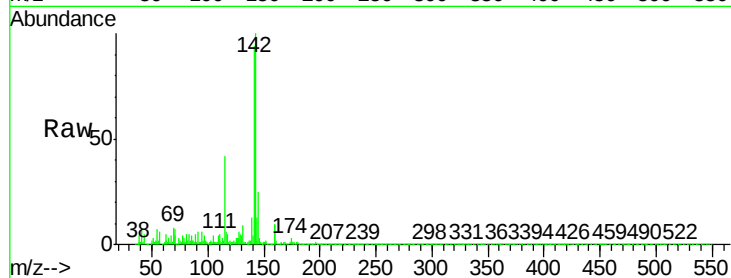
Tot Ion:142 Resp: 3687958

Ion Ratio Lower Upper

142 100

141 94.1 73.8 110.8

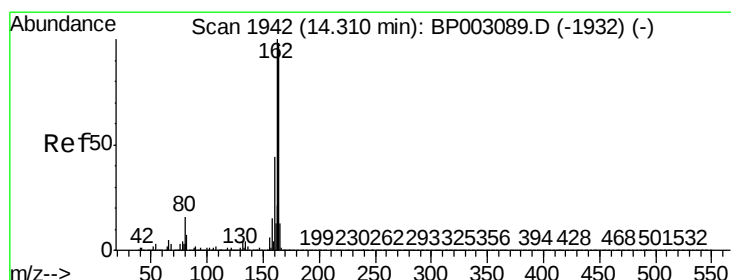
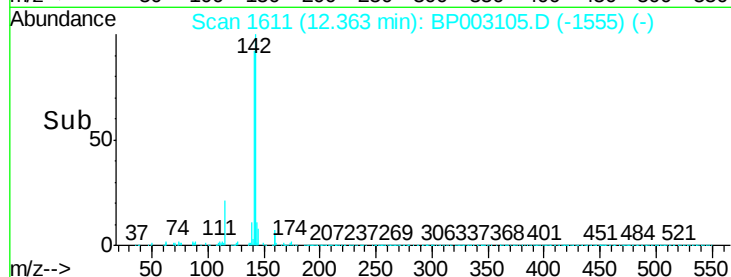
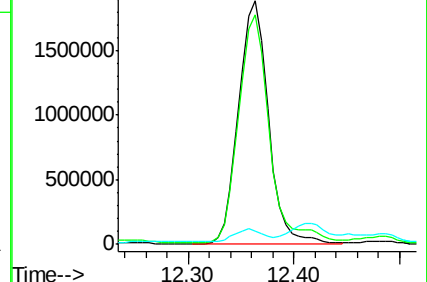
116 5.7 2.8 4.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1946

Delta R.T. 0.02 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

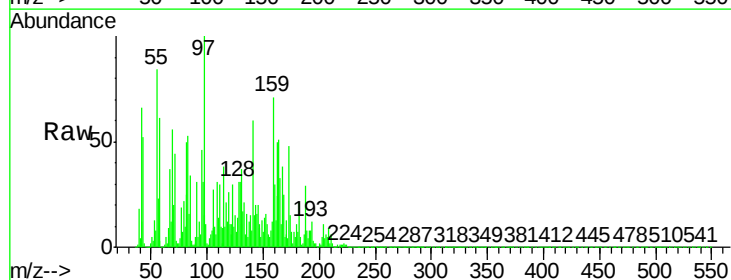
Tgt Ion:164 Resp: 346770

Ion Ratio Lower Upper

164 100

162 97.9 81.2 121.8

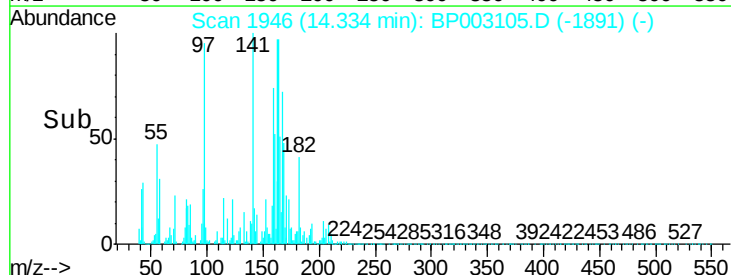
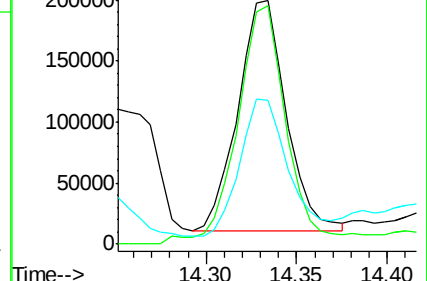
160 59.1 36.0 54.0#

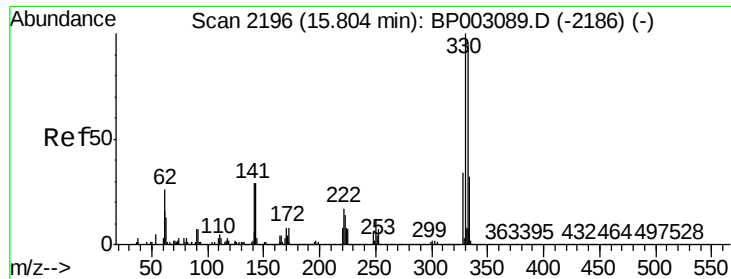


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

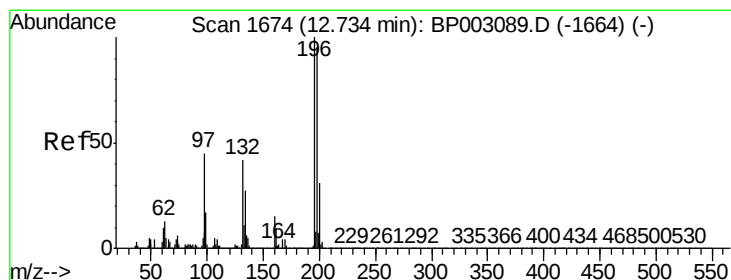
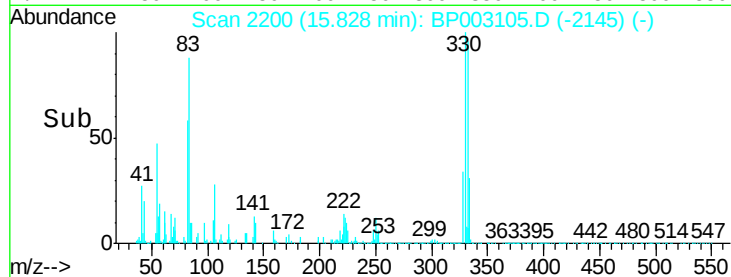
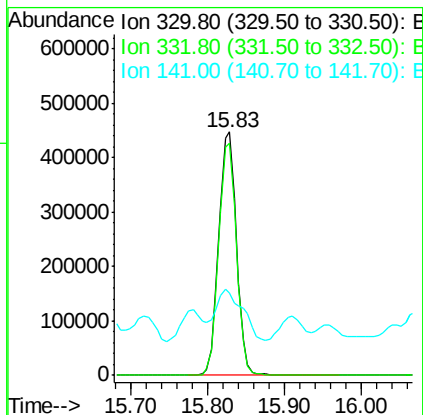
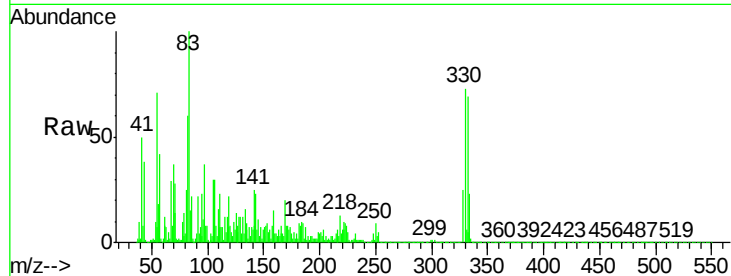




#42
 2,4,6-Tribromophenol
 Concen: 151.328 ng
 RT: 15.83 min Scan# 2200
 Delta R.T. 0.02 min
 Lab File: BP003105.D
 Acq: 25 Aug 2020 19:05

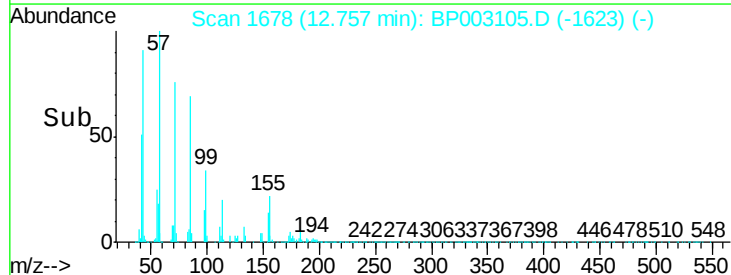
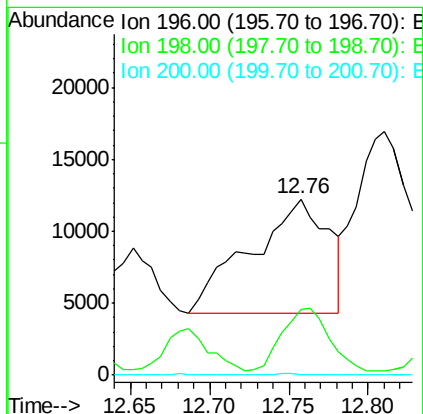
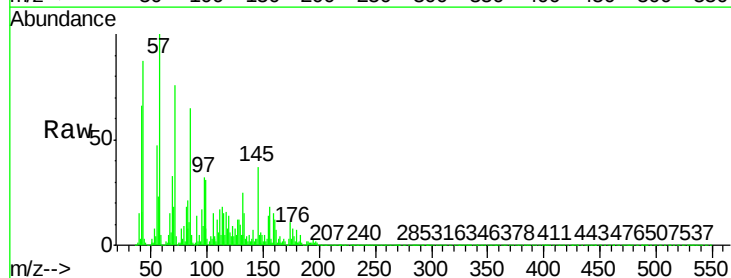
Instrument :
 BNA_P
 ClientSampleId :
 DRUM-1

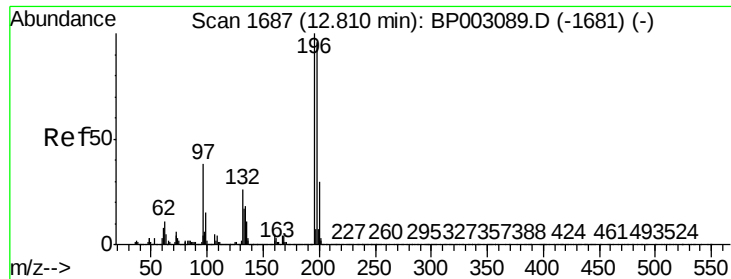
Tot Ion:330 Resp: 709726
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 31.7 24.4 36.6



#43
 2,4,6-Trichlorophenol
 Concen: 4.066 ng
 RT: 12.76 min Scan# 1678
 Delta R.T. 0.02 min
 Lab File: BP003105.D
 Acq: 25 Aug 2020 19:05

Tgt Ion:196 Resp: 27477
 Ion Ratio Lower Upper
 196 100
 198 37.5 75.8 113.6#
 200 0.5 24.6 37.0#

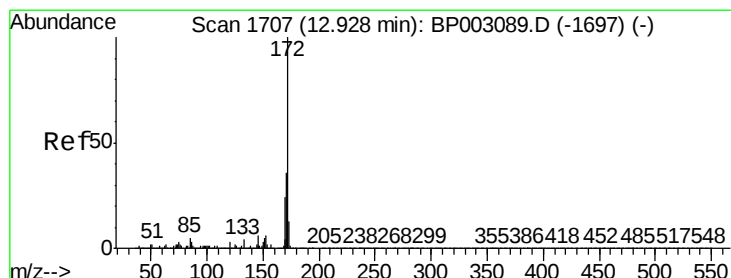
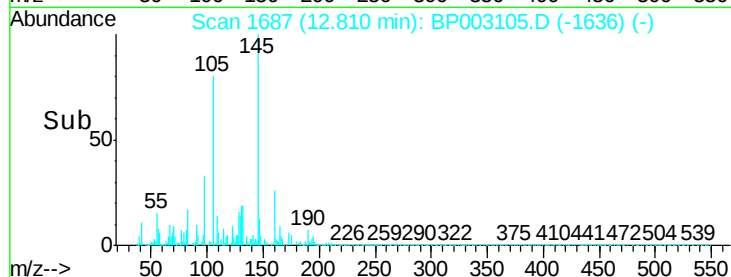
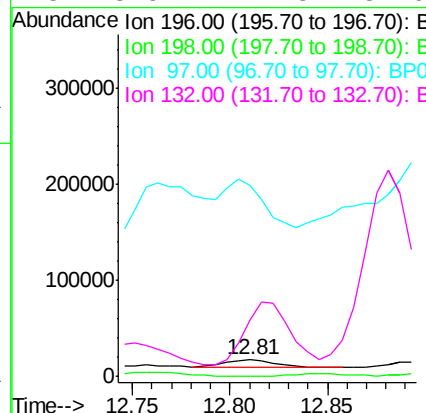
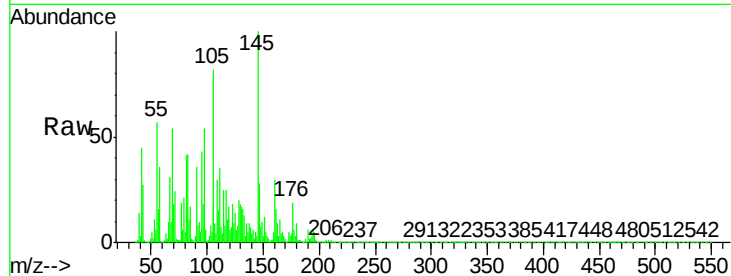




#44
2,4,5-Trichlorophenol
Concen: 2.125 ng
RT: 12.81 min Scan# 1687
Delta R.T. 0.00 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

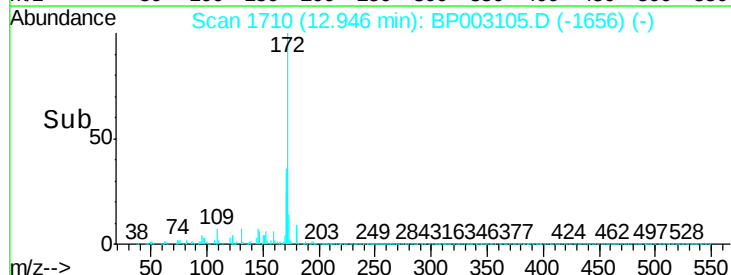
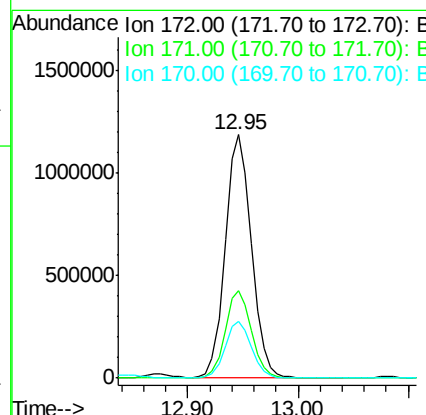
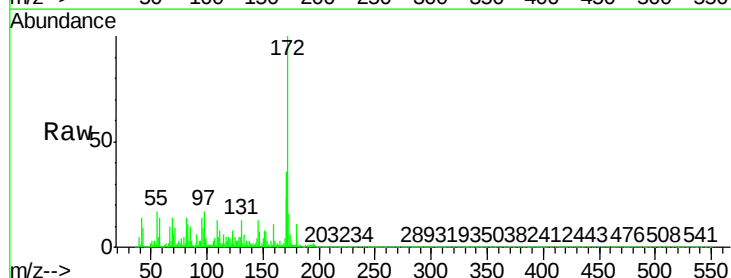
Instrument :
BNA_P
ClientSampleId :
DRUM-1

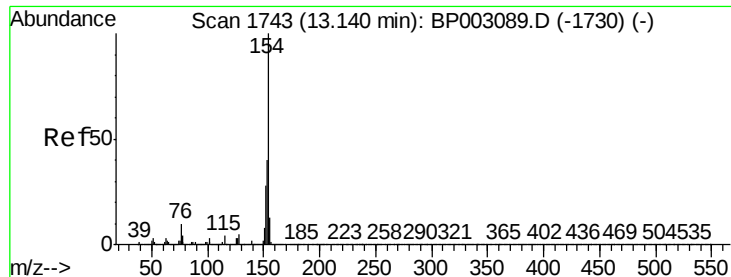
Tot Ion:196 Resp: 15188
Ion Ratio Lower Upper
196 100
198 1.7 76.6 115.0#
97 1173.7 30.3 45.5#
132 345.4 21.3 31.9#



#45
2-Fluorobiphenyl
Concen: 83.041 ng
RT: 12.95 min Scan# 1710
Delta R.T. 0.02 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

Tgt Ion:172 Resp: 1966349
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.5 19.0 28.4





#46

1,1'-Biphenyl

Concen: 33.227 ng

RT: 13.16 min Scan# 1746

Delta R.T. 0.02 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

Instrument :

BNA_P

ClientSampleId :

DRUM-1

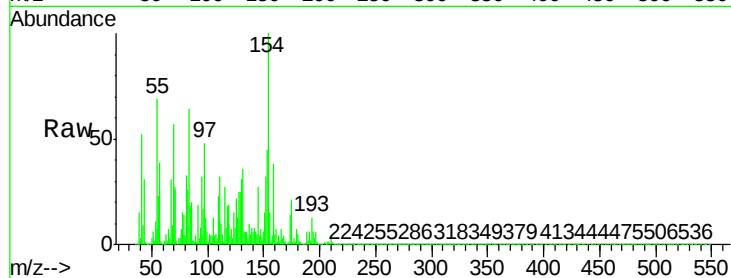
Tot Ion:154 Resp: 864241

Ion Ratio Lower Upper

154 100

153 45.0 20.3 60.3

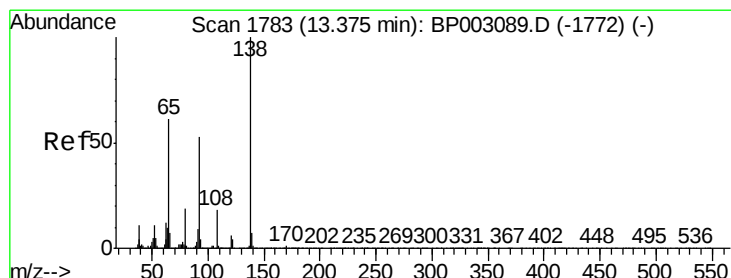
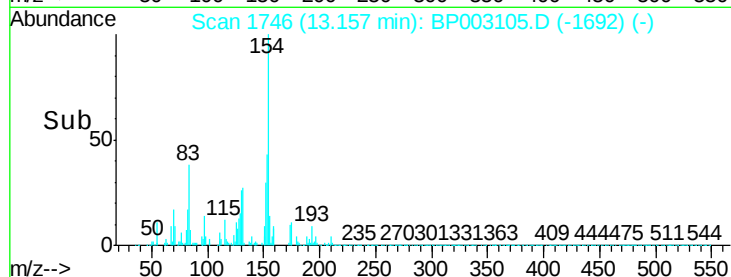
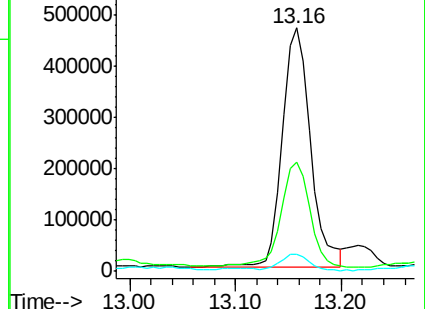
76 7.1 0.0 29.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BPO



#48

2-Nitroaniline

Concen: 7.273 ng

RT: 13.45 min Scan# 1795

Delta R.T. 0.07 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

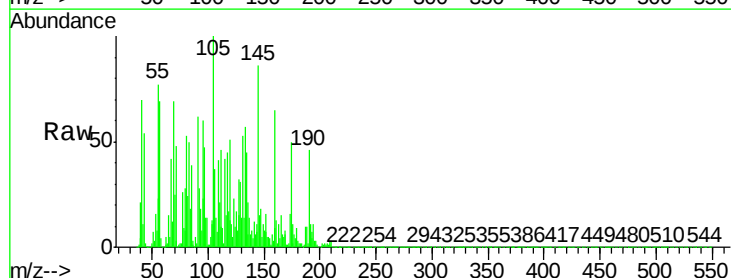
Tgt Ion: 65 Resp: 28994

Ion Ratio Lower Upper

65 100

92 191.2 70.2 105.4#

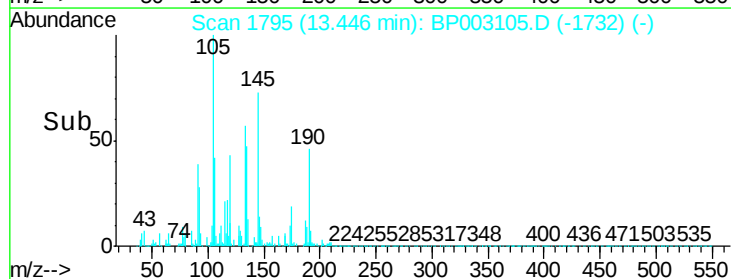
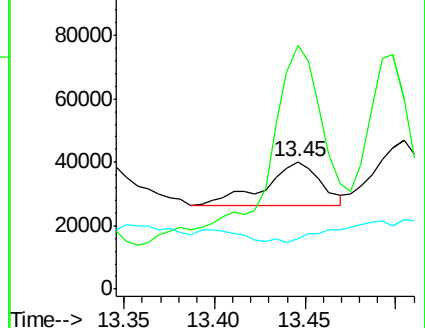
138 39.1 131.7 197.5#

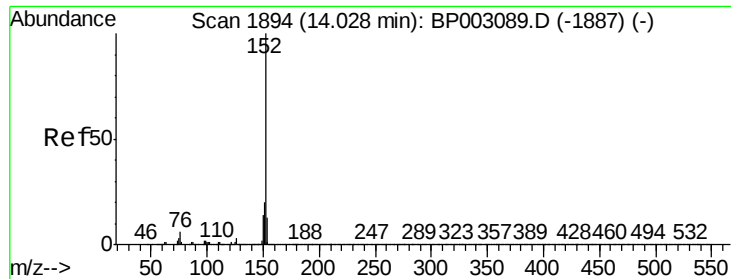


Abundance Ion 65.00 (64.70 to 65.70): BPO

Ion 92.00 (91.70 to 92.70): BPO

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 5.011 ng

RT: 14.06 min Scan# 1899

Delta R.T. 0.03 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

Instrument :

BNA_P

ClientSampleId :

DRUM-1

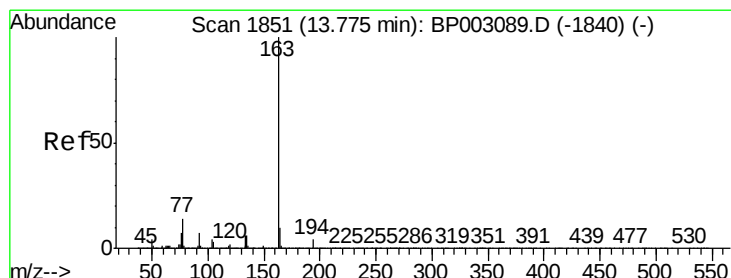
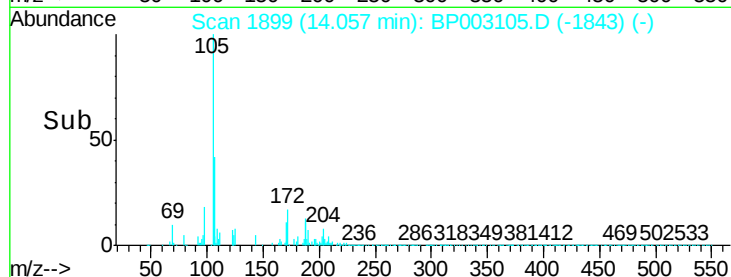
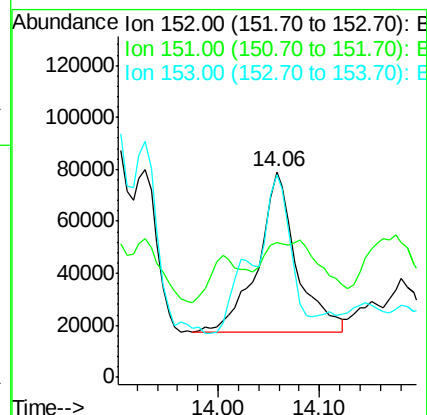
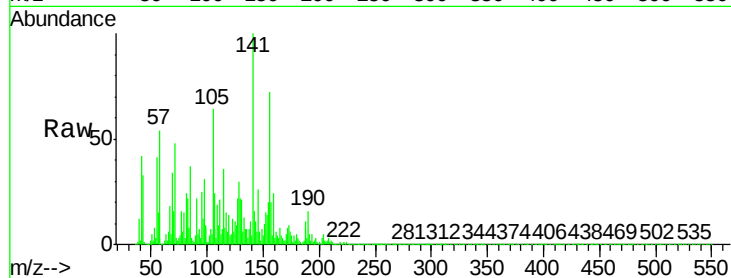
Tot Ion:152 Resp: 161313

Ion Ratio Lower Upper

152 100

151 65.9 16.2 24.4#

153 98.7 10.5 15.7#



#50

Dimethylphthalate

Concen: 2.222 ng

RT: 13.78 min Scan# 1852

Delta R.T. 0.01 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

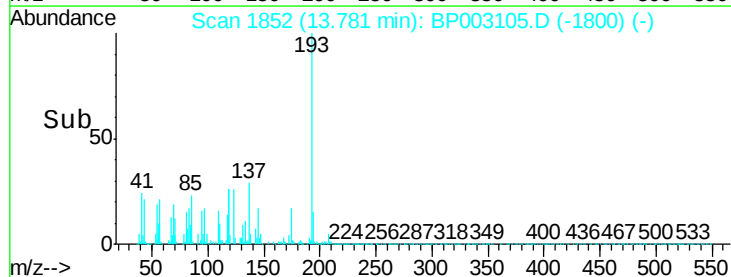
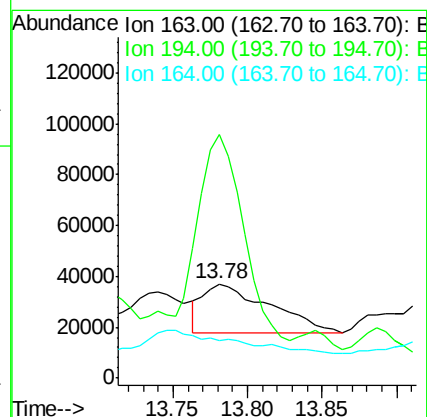
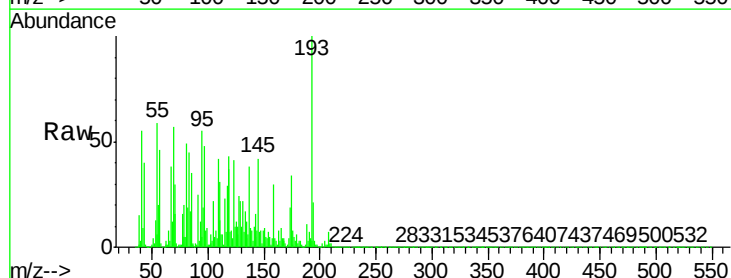
Tgt Ion:163 Resp: 58749

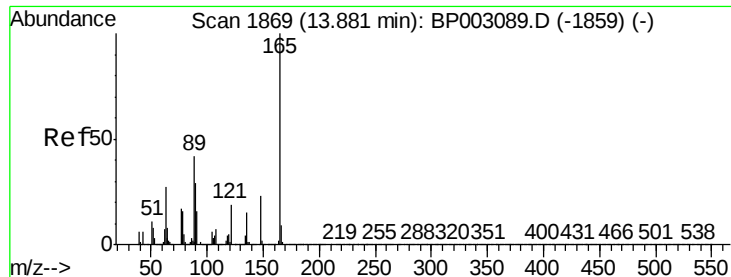
Ion Ratio Lower Upper

163 100

194 258.2 3.4 5.0#

164 40.5 8.1 12.1#





#51

2,6-Dinitrotoluene

Concen: 8.366 ng

RT: 13.91 min Scan# 1874

Delta R.T. 0.03 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

Instrument :

BNA_P

ClientSampleId :

DRUM-1

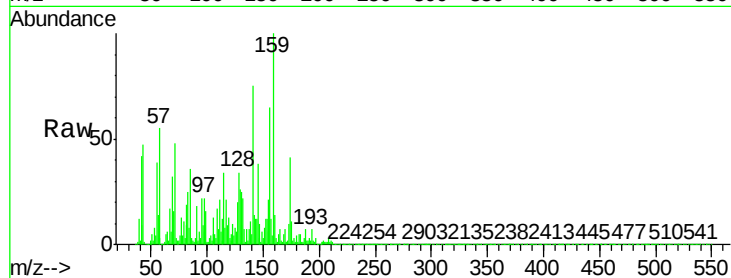
Tot Ion:165 Resp: 45980

Ion Ratio Lower Upper

165 100

63 69.8 27.5 41.3#

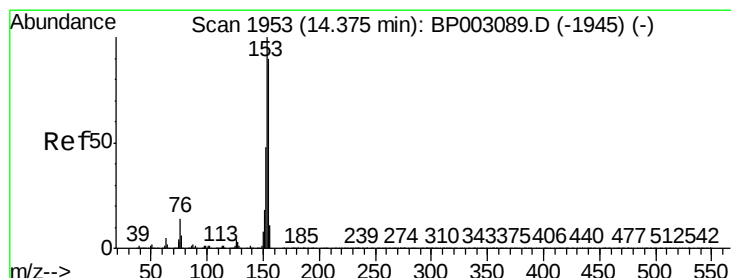
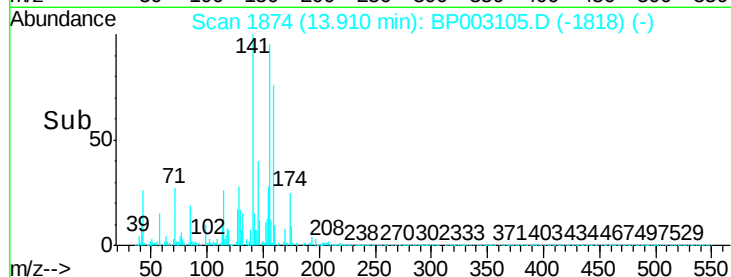
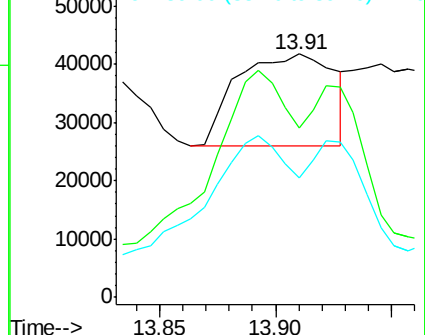
89 49.0 33.6 50.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BPO

Ion 89.00 (88.70 to 89.70): BPO



#52

Acenaphthene

Concen: 10.966 ng

RT: 14.39 min Scan# 1956

Delta R.T. 0.02 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

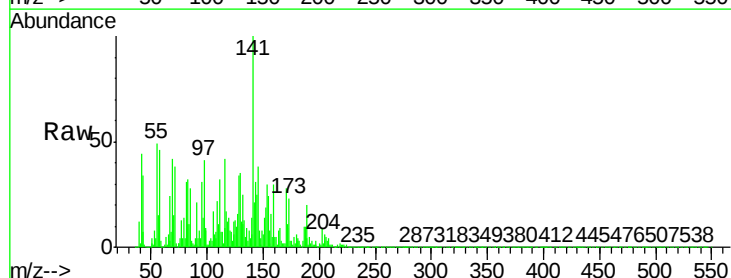
Tgt Ion:154 Resp: 216896

Ion Ratio Lower Upper

154 100

153 125.0 89.2 133.8

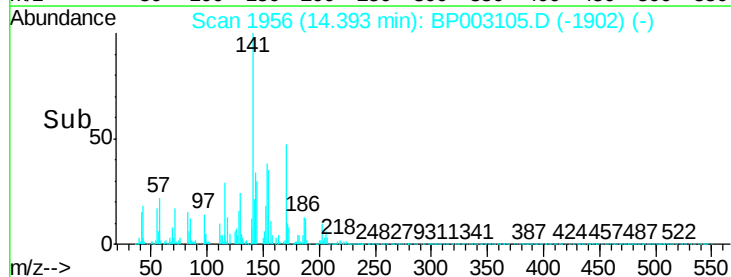
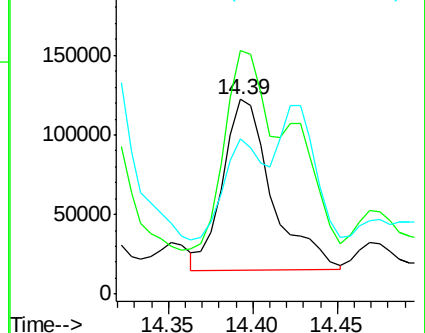
152 79.8 42.5 63.7#

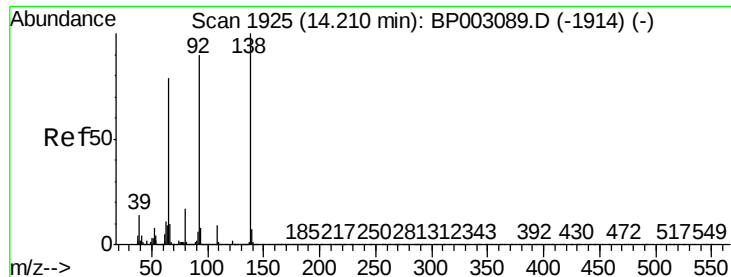


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

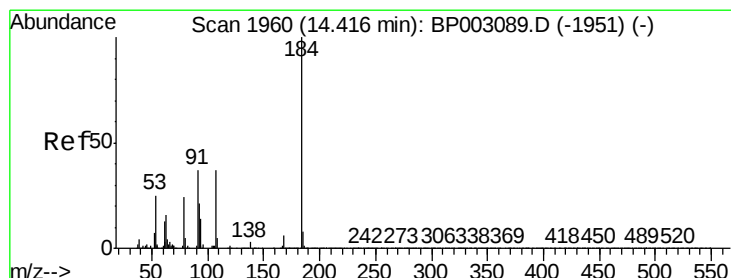
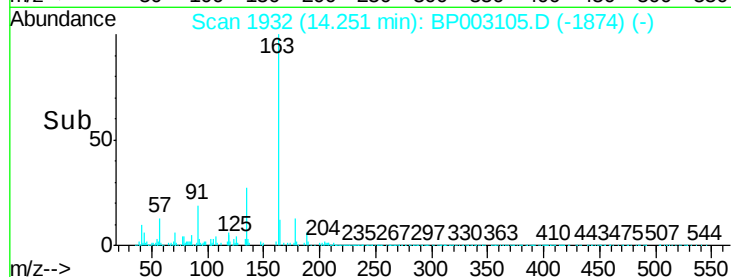
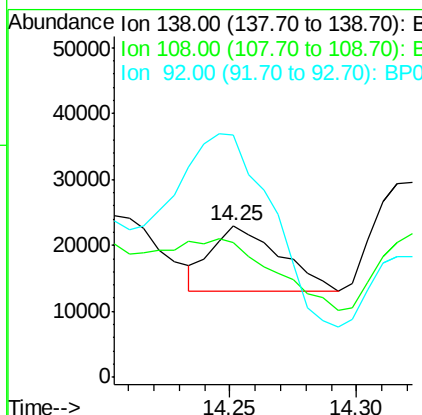
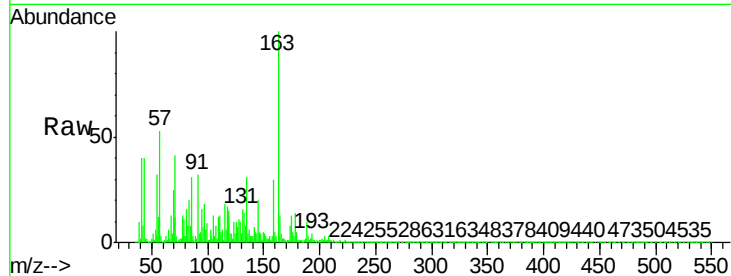




#53
3-Nitroaniline
Concen: 2.982 ng
RT: 14.25 min Scan# 1932
Delta R.T. 0.04 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

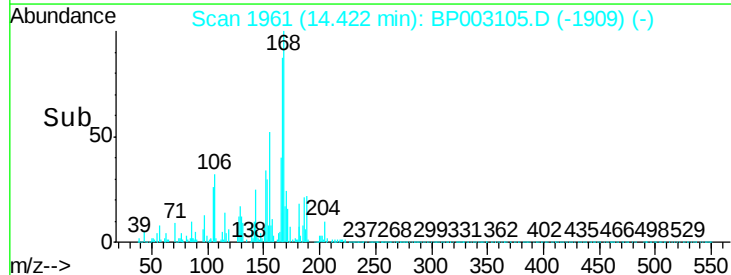
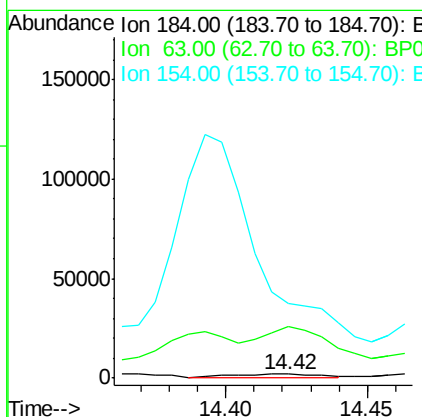
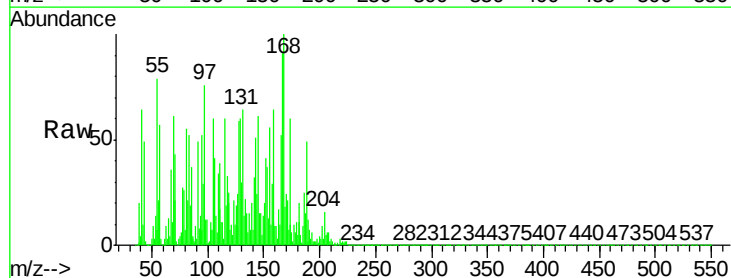
Instrument :
BNA_P
ClientSampleId :
DRUM-1

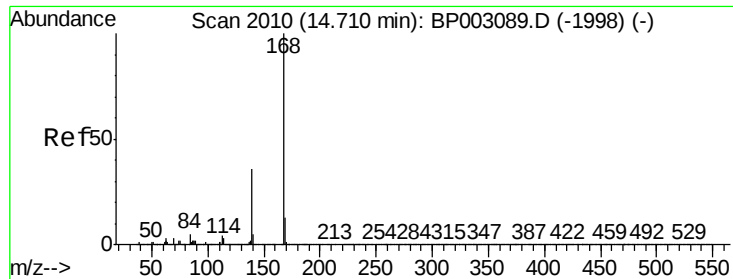
Tot Ion:138 Resp: 18567
Ion Ratio Lower Upper
138 100
108 88.8 7.4 11.0#
92 159.5 72.2 108.2#



#54
2,4-Dinitrophenol
Concen: 9.174 ng
RT: 14.42 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

Tgt Ion:184 Resp: 4716
Ion Ratio Lower Upper
184 100
63 1362.9 32.0 48.0#
154 1970.7 48.2 72.2#

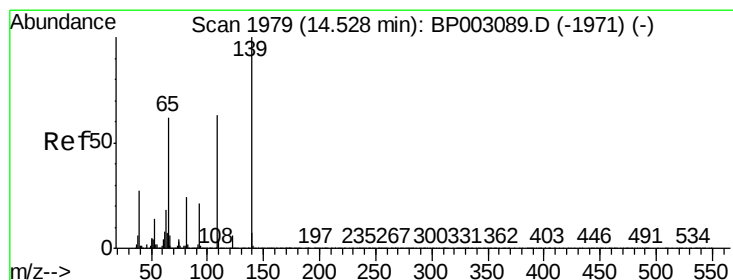
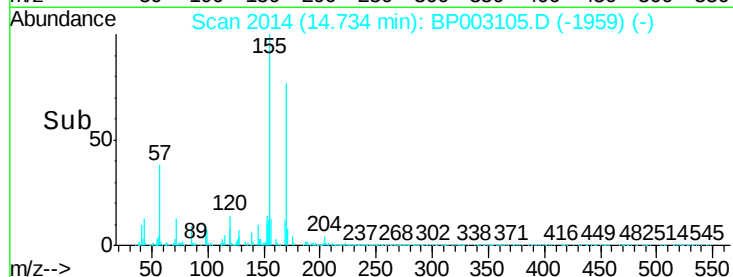
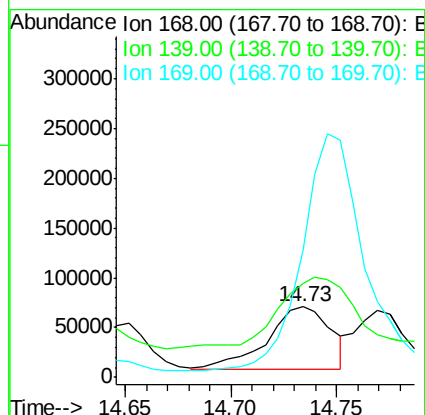
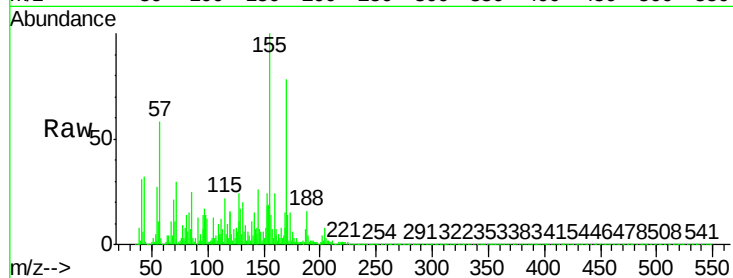




#55
Dibenzofuran
Concen: 4.218 ng
RT: 14.73 min Scan# 2014
Delta R.T. 0.02 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

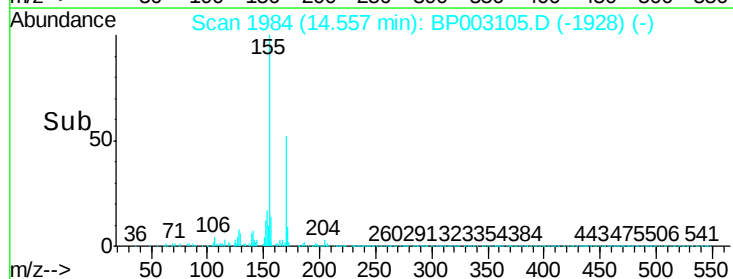
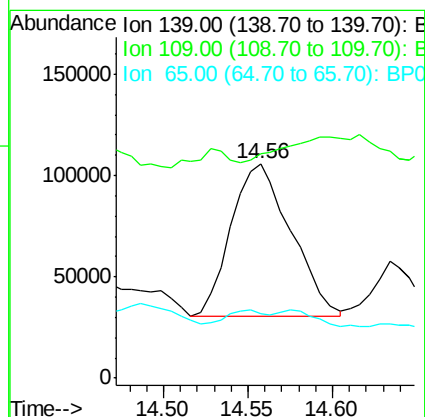
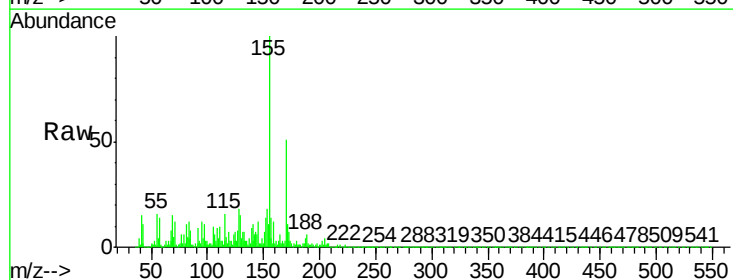
Instrument :
BNA_P
ClientSampleId :
DRUM-1

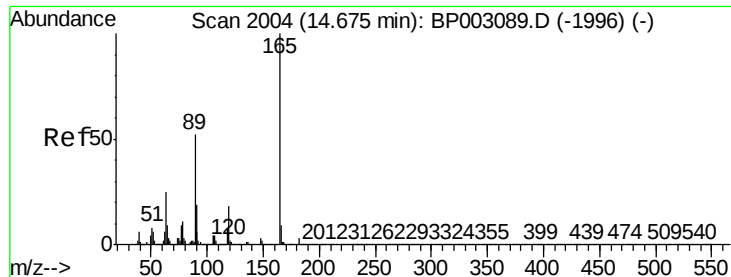
Tot Ion:168 Resp: 131008
Ion Ratio Lower Upper
168 100
139 134.2 29.3 43.9#
169 181.6 10.6 15.8#



#56
4-Nitrophenol
Concen: 41.492 ng
RT: 14.56 min Scan# 1984
Delta R.T. 0.03 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

Tgt Ion:139 Resp: 185874
Ion Ratio Lower Upper
139 100
109 104.3 42.8 82.8#
65 30.3 41.7 81.7#





#57

2,4-Dinitrotoluene

Concen: 3.449 ng

RT: 14.70 min Scan# 2009

Delta R.T. 0.03 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

Instrument :

BNA_P

ClientSampleId :

DRUM-1

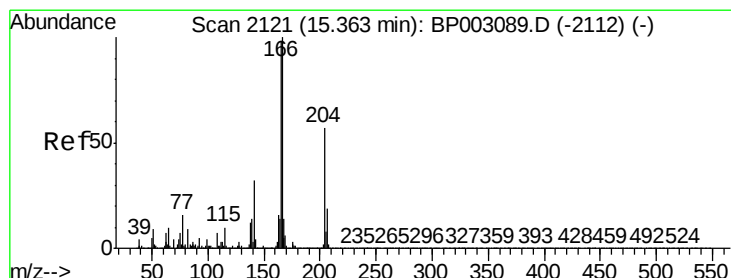
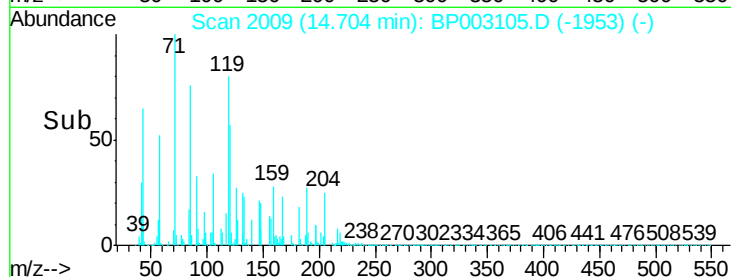
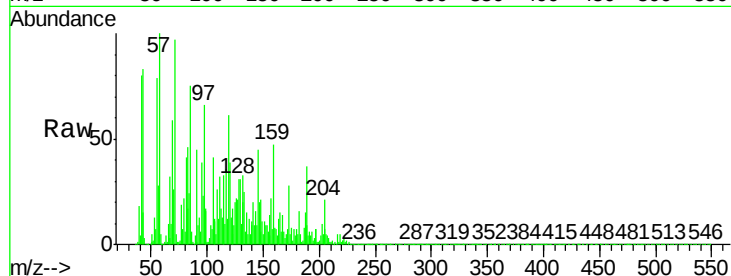
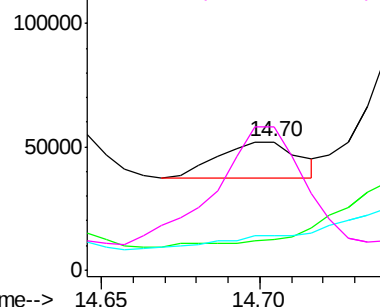
Tot Ion:165	Resp:	25489
Ion Ratio	Lower	Upper
165	100	
63	24.2	20.3 30.5
89	27.0	42.0 63.0#
182	111.2	2.3 3.5#

Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 20.344 ng

RT: 15.38 min Scan# 2124

Delta R.T. 0.02 min

Lab File: BP003105.D

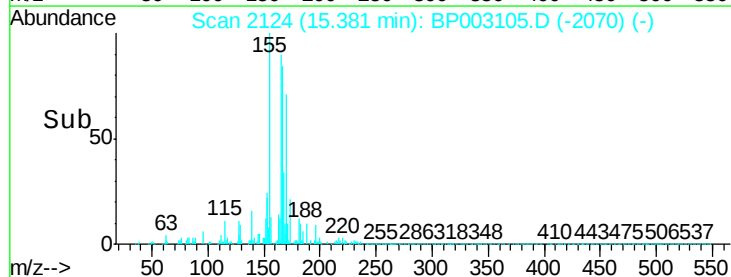
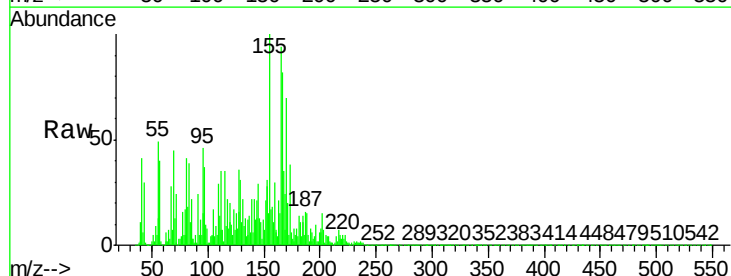
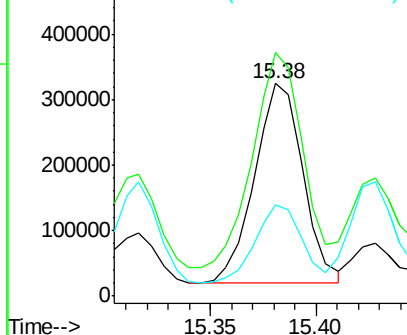
Acq: 25 Aug 2020 19:05

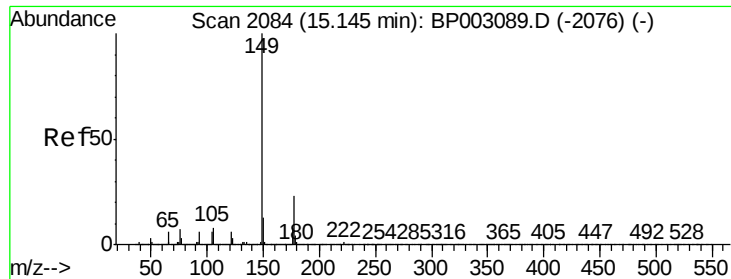
Tgt Ion:166	Resp:	486782
Ion Ratio	Lower	Upper
166	100	
165	114.5	78.3 117.5
167	43.0	11.0 16.4#

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

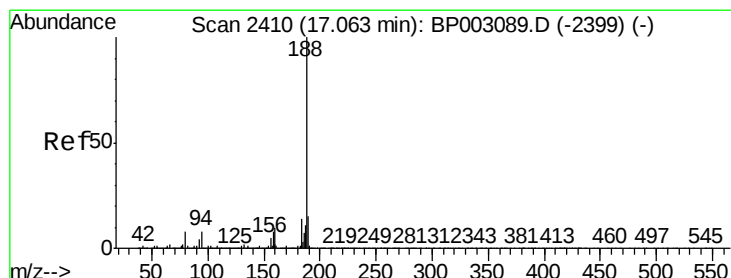
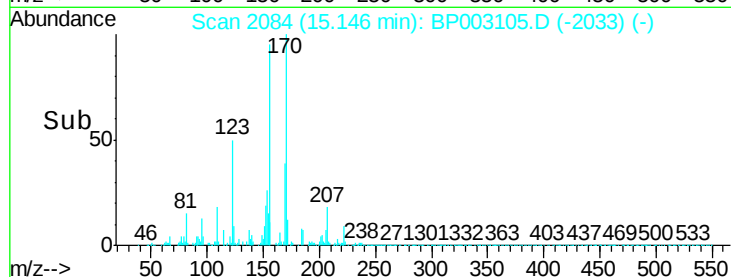
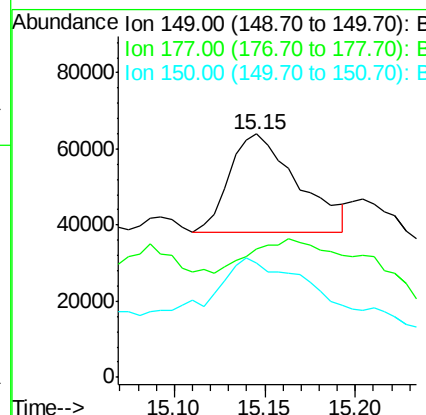
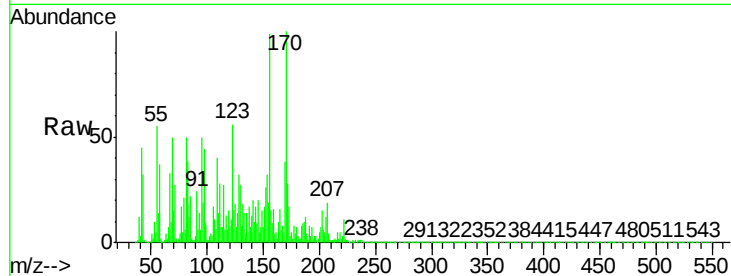




#60
Diethylphthalate
Concen: 2.617 ng
RT: 15.15 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

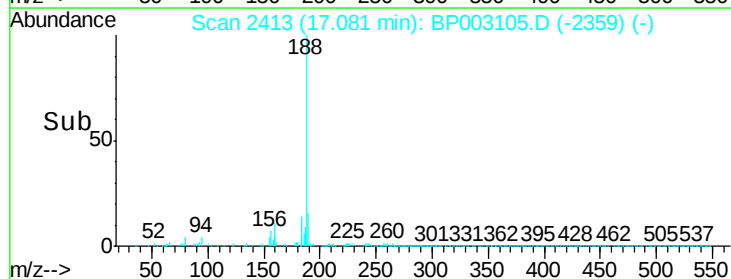
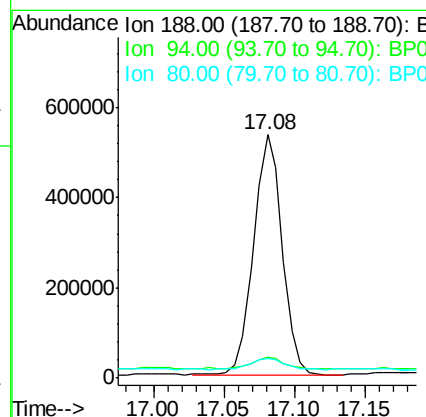
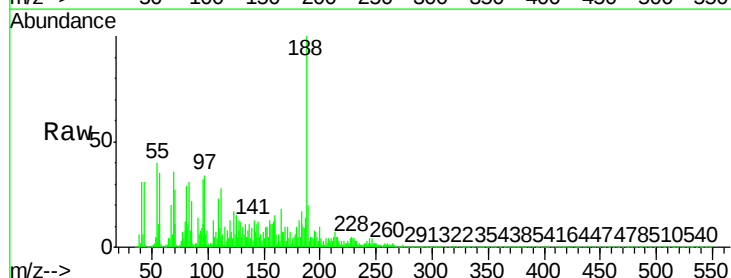
Instrument :
BNA_P
ClientSampled :
DRUM-1

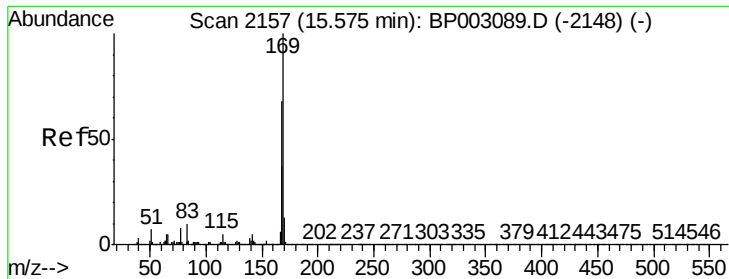
Tot Ion:149 Resp: 67895
Ion Ratio Lower Upper
149 100
177 52.5 18.1 27.1#
150 47.0 10.2 15.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2413
Delta R.T. 0.02 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

Tgt Ion:188 Resp: 752319
Ion Ratio Lower Upper
188 100
94 8.8 6.2 9.4
80 8.0 6.4 9.6

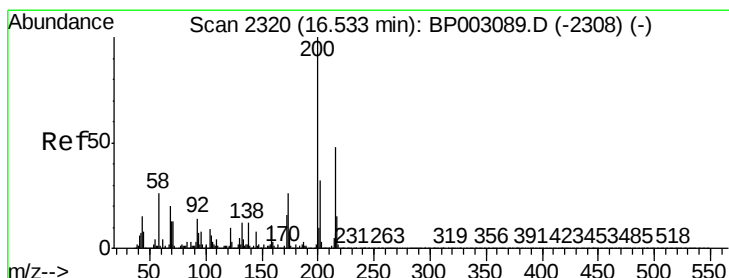
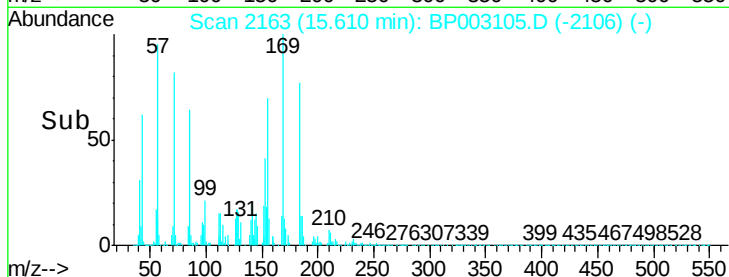
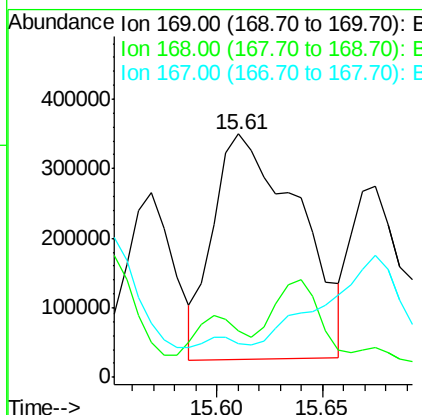
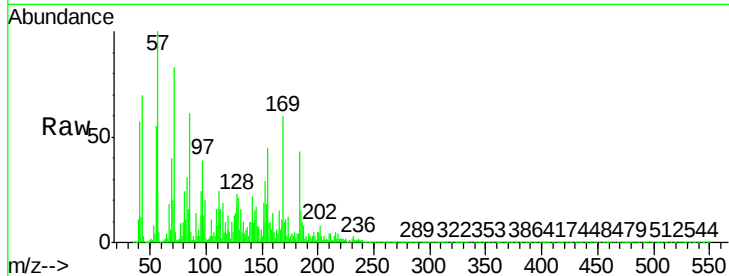




#66
 n-Nitrosodiphenylamine
 Concen: 41.570 ng
 RT: 15.61 min Scan# 2163
 Delta R.T. 0.04 min
 Lab File: BP003105.D
 Acq: 25 Aug 2020 19:05

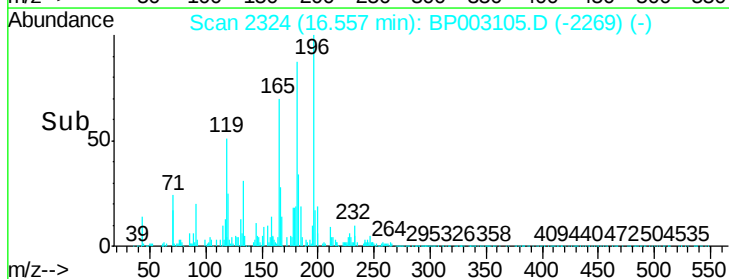
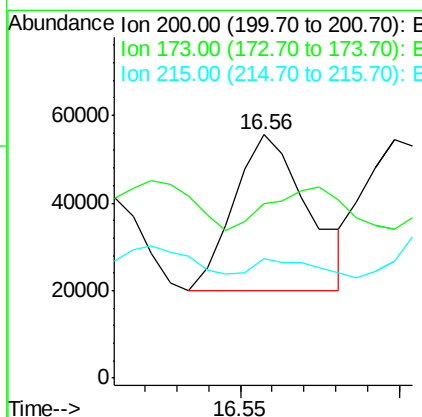
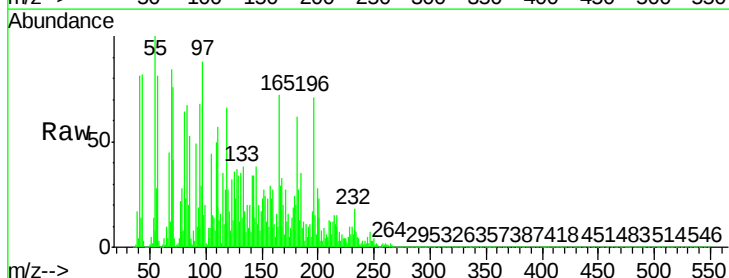
Instrument :
 BNA_P
 ClientSampleId :
 DRUM-1

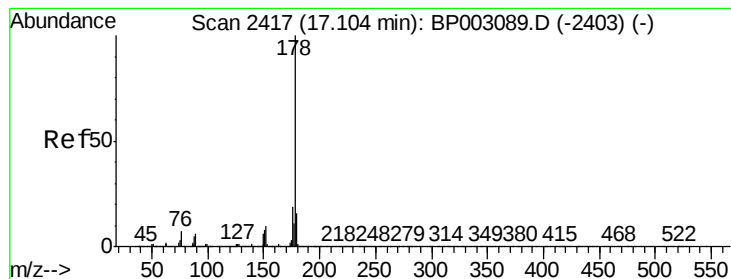
Tot Ion:169 Resp: 914452
 Ion Ratio Lower Upper
 169 100
 168 19.1 54.2 81.4#
 167 14.0 29.4 44.2#



#69
 Atrazine
 Concen: 7.778 ng
 RT: 16.56 min Scan# 2324
 Delta R.T. 0.02 min
 Lab File: BP003105.D
 Acq: 25 Aug 2020 19:05

Tgt Ion:200 Resp: 57711
 Ion Ratio Lower Upper
 200 100
 173 71.5 6.3 46.3#
 215 49.2 27.9 67.9





#71

Phenanthrene

Concen: 22.905 ng

RT: 17.12 min Scan# 2420

Delta R.T. 0.02 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

Instrument :

BNA_P

ClientSampleId :

DRUM-1

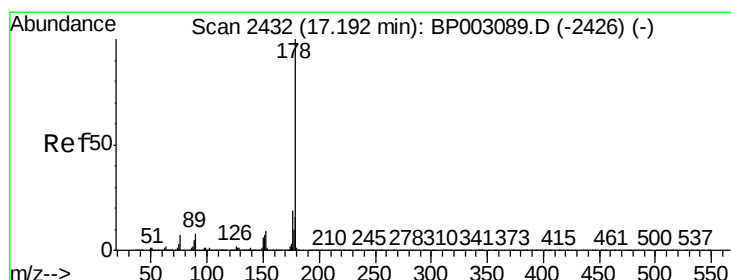
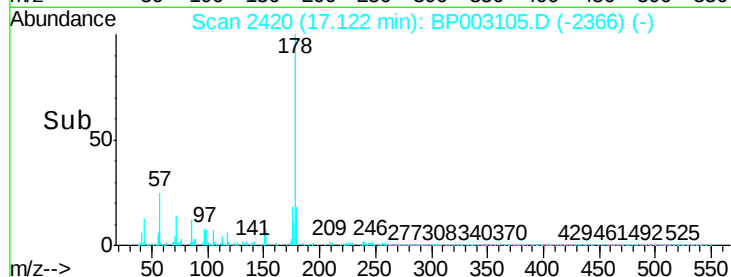
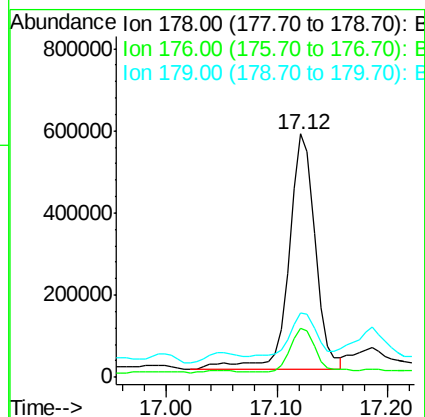
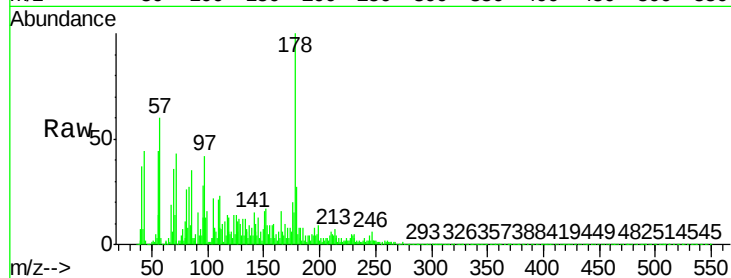
Tot Ion:178 Resp: 933720

Ion Ratio Lower Upper

178 100

176 20.1 15.4 23.2

179 26.5 12.4 18.6#



#72

Anthracene

Concen: 2.585 ng

RT: 17.19 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

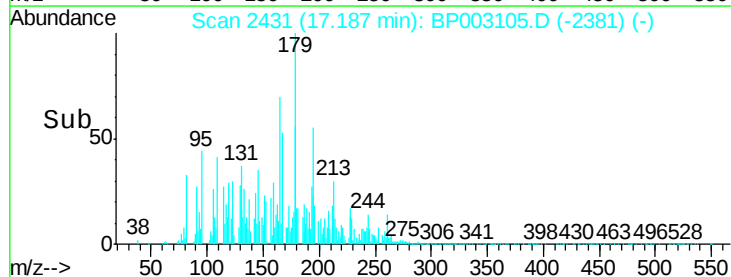
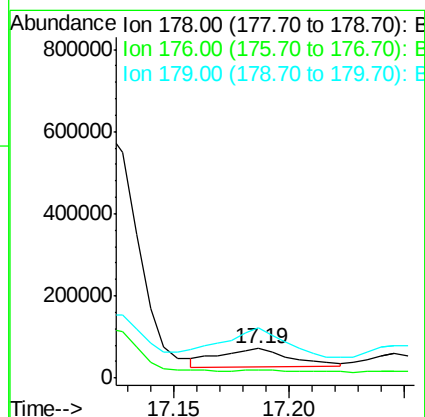
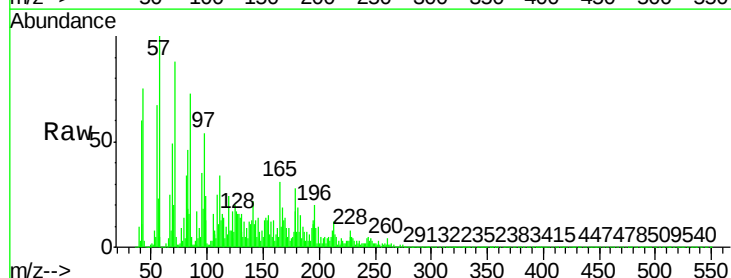
Tgt Ion:178 Resp: 100852

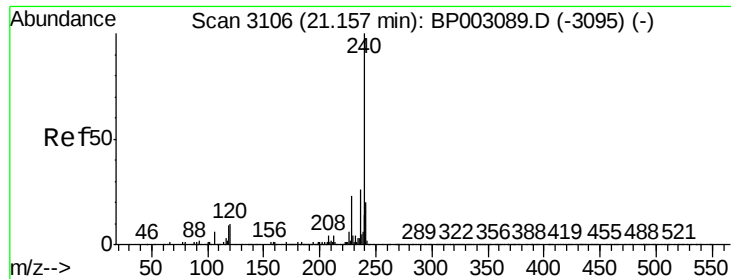
Ion Ratio Lower Upper

178 100

176 29.3 15.2 22.8#

179 167.1 12.6 19.0#

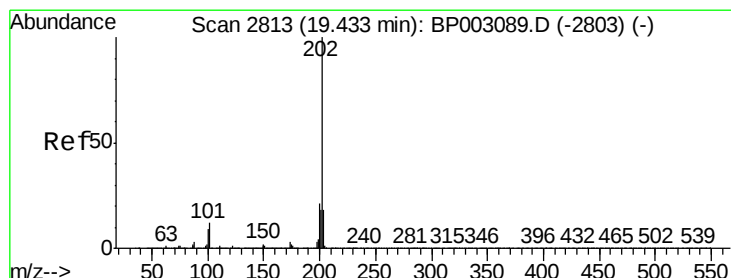
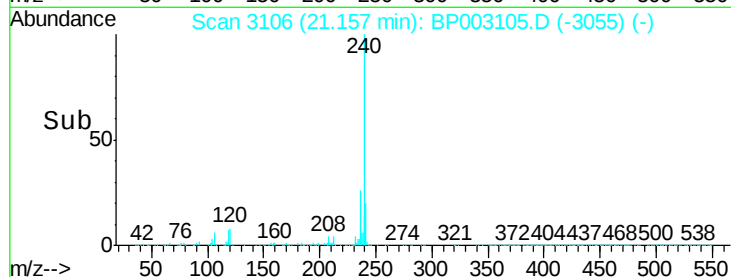
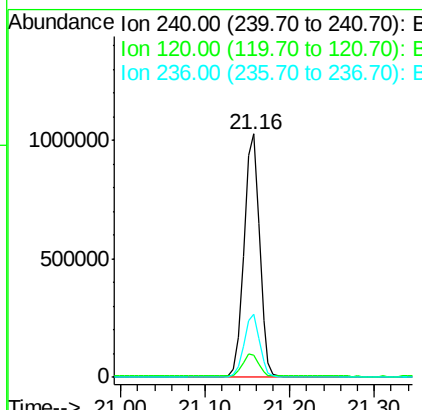
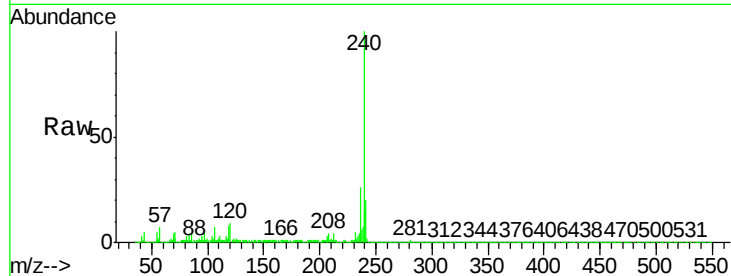




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

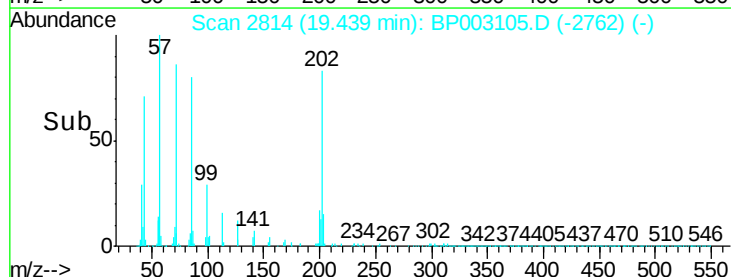
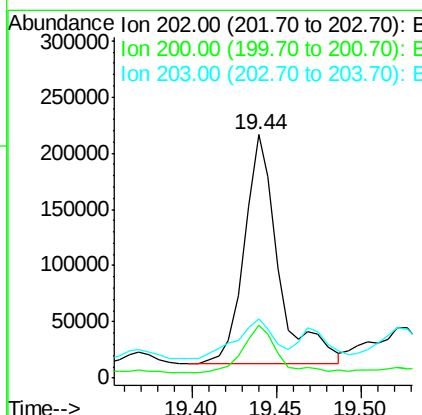
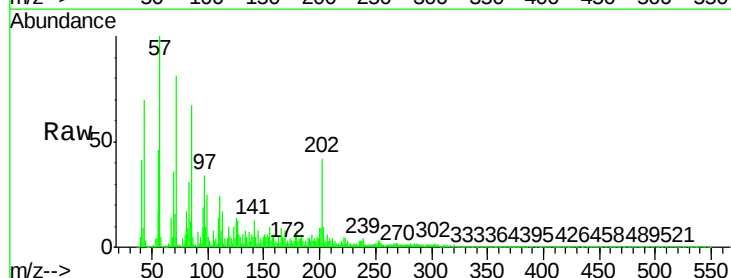
Instrument :
BNA_P
ClientSampleId :
DRUM-1

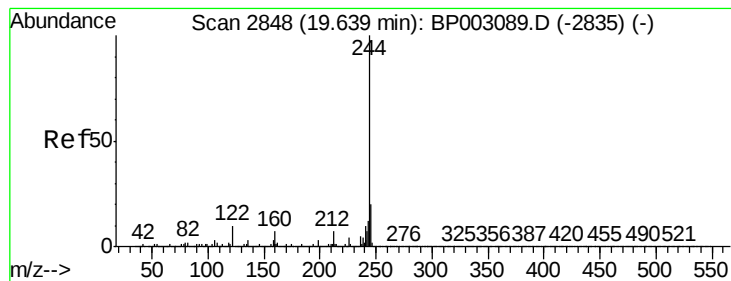
Tot Ion:240 Resp: 1289439
Ion Ratio Lower Upper
240 100
120 8.9 8.4 12.6
236 26.0 20.6 31.0



#78
Pyrene
Concen: 3.434 ng
RT: 19.44 min Scan# 2814
Delta R.T. 0.01 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

Tgt Ion:202 Resp: 287419
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.4
203 24.6 14.0 21.0#





#79

Terphenyl-d14

Concen: 63.149 ng

RT: 19.65 min Scan# 2849

Delta R.T. 0.01 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

Instrument :

BNA_P

ClientSampleId :

DRUM-1

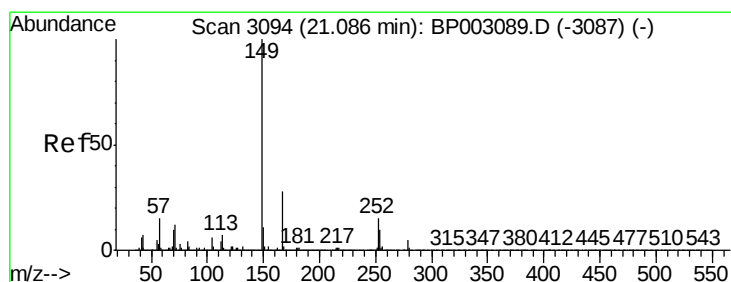
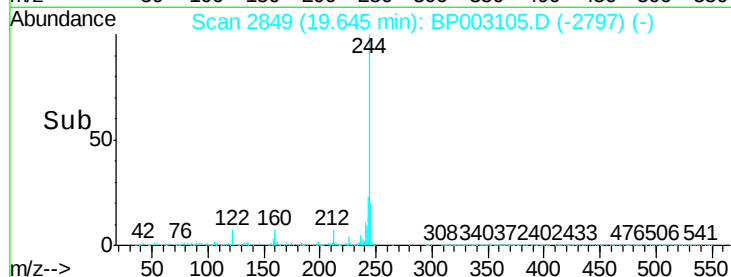
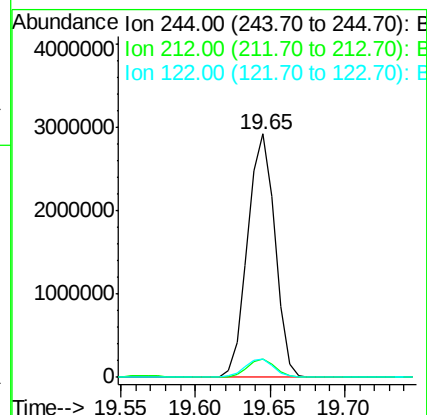
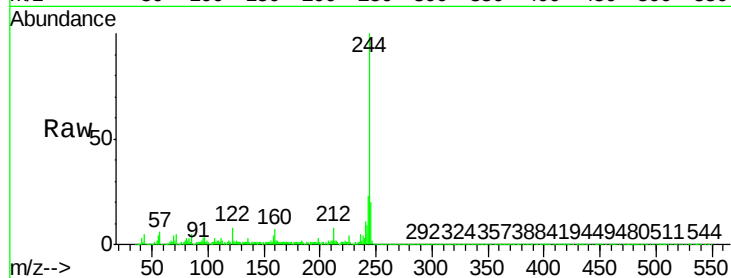
Tot Ion:244 Resp: 3700520

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 7.6 7.7 11.5#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.217 ng

RT: 21.31 min Scan# 3132

Delta R.T. 0.22 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

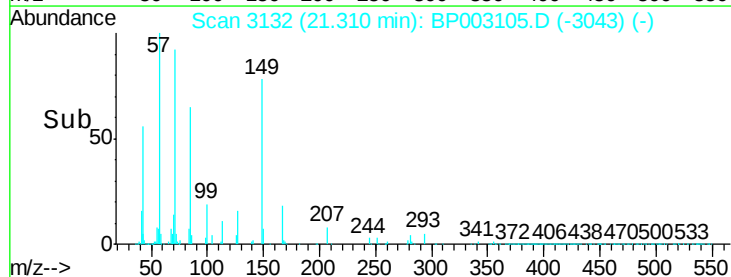
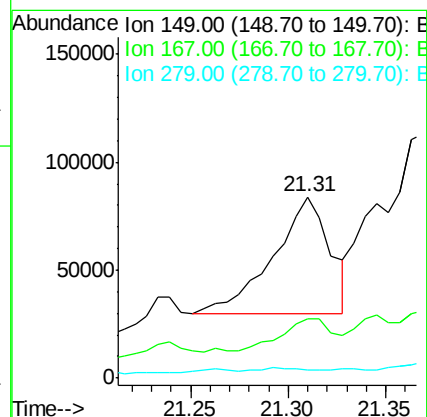
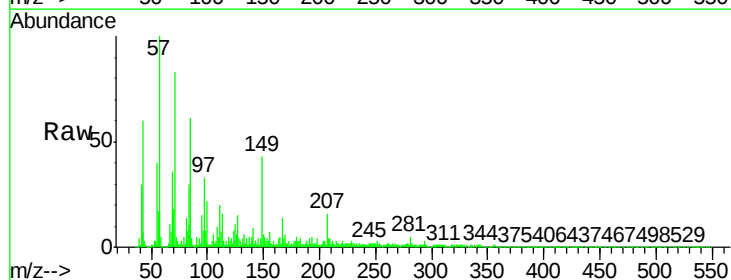
Tgt Ion:149 Resp: 110332

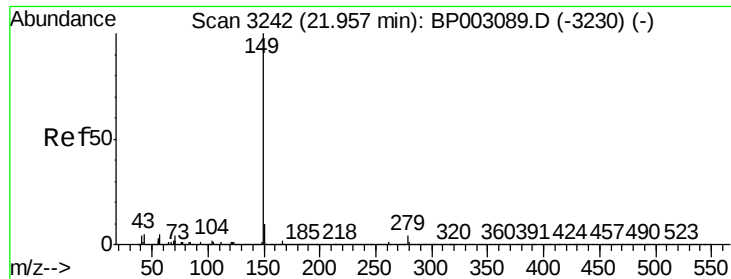
Ion Ratio Lower Upper

149 100

167 32.7 22.5 33.7

279 4.8 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 22.964 ng

RT: 21.92 min Scan# 3235

Delta R.T. -0.04 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

Instrument :

BNA_P

ClientSampled :

DRUM-1

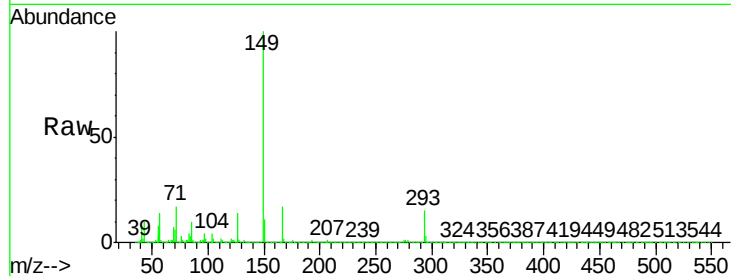
Tot Ion:149 Resp: 1959207

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

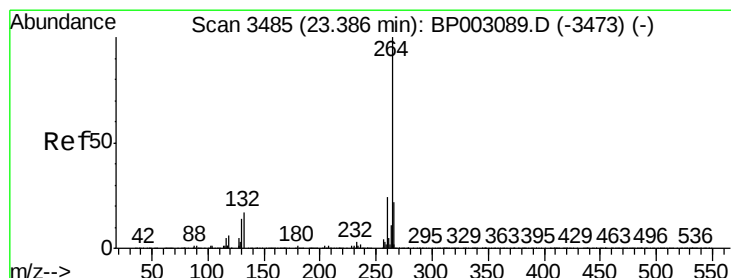
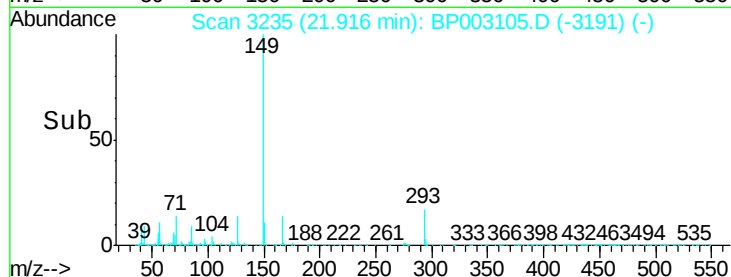
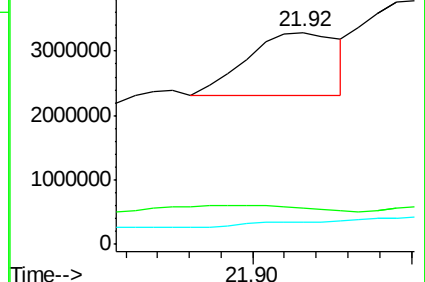
43 0.0 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.43 min Scan# 3493

Delta R.T. 0.05 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

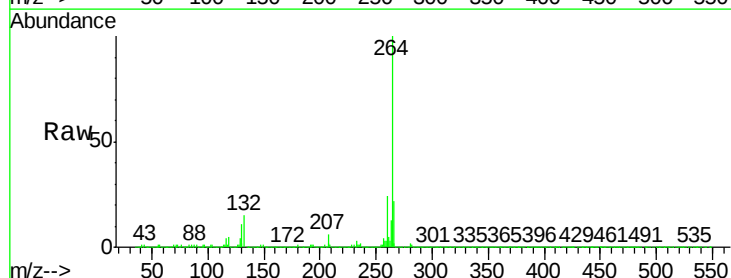
Tgt Ion:264 Resp: 1578300

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.6 17.7 26.5



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

