

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001160.D
 Acq On : 03 Dec 2019 17:40
 Operator : JU
 Sample : PB125173BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 04 03:42:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	110713	20.00	ng	-0.01
21) Naphthalene-d8	10.35	136	439871	20.00	ng	-0.01
39) Acenaphthene-d10	13.22	164	247015	20.00	ng	-0.02
64) Phenanthrene-d10	15.61	188	469960	20.00	ng	-0.02
76) Chrysene-d12	19.26	240	371796	20.00	ng	-0.02
87) Perylene-d12	21.03	264	331356	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	893743	133.93	ng	0.00
7) Phenol-d6	7.77	99	1188101	133.64	ng	0.00
23) Nitrobenzene-d5	9.20	82	655348	64.64	ng	-0.01
42) 2,4,6-Tribromophenol	14.51	330	302058	127.58	ng	-0.01
45) 2-Fluorobiphenyl	12.13	172	1083870	64.22	ng	-0.02
79) Terphenyl-d14	17.89	244	1241471	61.78	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.62	88	116119	37.254	ng	94
3) Pyridine	3.48	79	290361	33.571	ng	90
4) n-Nitrosodimethylamine	3.38	42	182611	48.791	ng	83
6) Aniline	7.79	93	347253	29.460	ng	# 42
8) 2-Chlorophenol	7.98	128	328880	47.634	ng	99
9) Benzaldehyde	7.61	77	158457	28.307	ng	99
10) Phenol	7.79	94	469592	46.437	ng	91
11) bis(2-Chloroethyl)ether	7.92	93	352452	44.758	ng	98
12) 1,3-Dichlorobenzene	8.22	146	352428	43.066	ng	100
13) 1,4-Dichlorobenzene	8.34	146	358380	43.473	ng	99
14) 1,2-Dichlorobenzene	8.58	146	341727	44.046	ng	98
15) Benzyl Alcohol	8.55	79	364332	49.923	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.78	45	533092	42.108	ng	99
17) 2-Methylphenol	8.74	107	292028	46.110	ng	97
18) Hexachloroethane	9.12	117	148048	43.413	ng	99
19) n-Nitroso-di-n-propylamine	8.98	70	284387	44.331	ng	96
20) 3+4-Methylphenols	8.98	107	371624	46.549	ng	98
22) Acetophenone	8.96	105	540648	41.819	ng	# 96
24) Nitrobenzene	9.23	77	436582	43.305	ng	99
25) Isophorone	9.62	82	763624	42.002	ng	99
26) 2-Nitrophenol	9.74	139	169100	45.792	ng	98
27) 2,4-Dimethylphenol	9.83	122	291971	49.915	ng	97
28) bis(2-Chloroethoxy)methane	9.99	93	435326	38.164	ng	100
29) 2,4-Dichlorophenol	10.13	162	289340	43.461	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	319402	41.077	ng	99
31) Naphthalene	10.39	128	950689	42.318	ng	100
32) Benzoic acid	10.02	122	193862	45.844	ng	96
33) 4-Chloroaniline	10.48	127	218888	22.453	ng	98
34) Hexachlorobutadiene	10.61	225	199645	40.815	ng	100
35) Caprolactam	11.05	113	60230	26.250	ng	95
36) 4-Chloro-3-methylphenol	11.29	107	348237	44.119	ng	99
37) 2-Methylnaphthalene	11.52	142	648334	42.294	ng	97
38) 1-Methylnaphthalene	11.68	142	614991	42.470	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	317901	40.838	ng	99

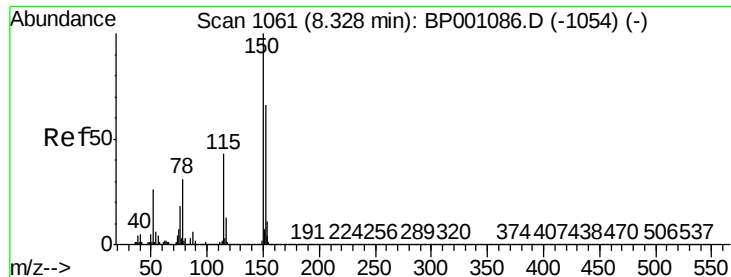
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001160.D
 Acq On : 03 Dec 2019 17:40
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 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	285382	79.466	ng	98
43) 2,4,6-Trichlorophenol	11.98	196	213950	42.093	ng	99
44) 2,4,5-Trichlorophenol	12.04	196	229273	43.535	ng	96
46) 1,1'-Biphenyl	12.29	154	777454	40.725	ng	100
47) 2-Chloronaphthalene	12.31	162	613335	40.222	ng	99
48) 2-Nitroaniline	12.47	65	248152	41.522	ng	98
49) Acenaphthylene	12.98	152	981926	42.959	ng	99
50) Dimethylphthalate	12.81	163	738009	39.948	ng	100
51) 2,6-Dinitrotoluene	12.89	165	165427	41.830	ng	97
52) Acenaphthene	13.27	154	566912	41.232	ng	99
53) 3-Nitroaniline	13.15	138	124206	27.959	ng	98
54) 2,4-Dinitrophenol	13.33	184	126750	78.602	ng	84
55) Dibenzofuran	13.56	168	875481	42.373	ng	98
56) 4-Nitrophenol	13.45	139	284271	90.303	ng	84
57) 2,4-Dinitrotoluene	13.55	165	215871	43.548	ng	89
58) Fluorene	14.12	166	699210	42.234	ng	99
59) 2,3,4,6-Tetrachlorophenol	13.76	232	191270	44.183	ng	97
60) Diethylphthalate	13.98	149	754831	39.460	ng	99
61) 4-Chlorophenyl-phenylether	14.13	204	343364	40.729	ng	96
62) 4-Nitroaniline	12.47	138	204517	39.708	ng	93
63) Azobenzene	14.39	77	853952	41.300	ng	96
65) 4,6-Dinitro-2-methylphenol	14.21	198	90120	45.142	ng	97
66) n-Nitrosodiphenylamine	14.33	169	601703	42.138	ng	99
67) 4-Bromophenyl-phenylether	14.93	248	204071	39.997	ng	95
68) Hexachlorobenzene	15.02	284	224972	40.107	ng	98
69) Atrazine	15.22	200	205879	47.221	ng	99
70) Pentachlorophenol	15.33	266	270670	92.583	ng	97
71) Phenanthrene	15.65	178	1042715	42.203	ng	99
72) Anthracene	15.73	178	1057973	43.444	ng	100
73) Carbazole	15.97	167	950756	42.904	ng	100
74) Di-n-butylphthalate	16.53	149	1186865	39.835	ng	99
75) Fluoranthene	17.36	202	1153758	44.110	ng	97
77) Benzidine	17.55	184	144846	15.089	ng	97
78) Pyrene	17.67	202	1183513	40.416	ng	99
80) Butylbenzylphthalate	18.55	149	512244	37.872	ng	99
81) Benzo(a)anthracene	19.25	228	1036379	40.204	ng	100
82) 3,3'-Dichlorobenzidine	19.21	252	320467	37.631	ng	99
83) Chrysene	19.29	228	956599	41.441	ng	100
84) Bis(2-ethylhexyl)phthalate	19.30	149	682712	36.713	ng	99
85) Di-n-octyl phthalate	20.08	149	1211389	36.671	ng	99
86) Indeno(1,2,3-cd)pyrene	22.68	276	1050632	38.620	ng	98
88) Benzo(b)fluoranthene	20.55	252	997166	49.269	ng	99
89) Benzo(k)fluoranthene	20.58	252	929955	47.706	ng	99
90) Benzo(a)pyrene	20.96	252	876093	46.995	ng	98
91) Dibenzo(a,h)anthracene	22.70	278	886136	48.572	ng	99
92) Benzo(g,h,i)perylene	23.17	276	895408	49.705	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.32 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

Instrument :

BNA_P

ClientSampleId :

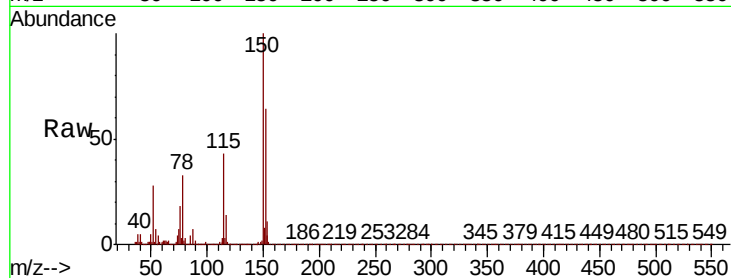
Tot Ion:152 Resp: 110713

Ion Ratio Lower Upper

152 100

150 156.4 120.6 181.0

115 66.9 51.6 77.4

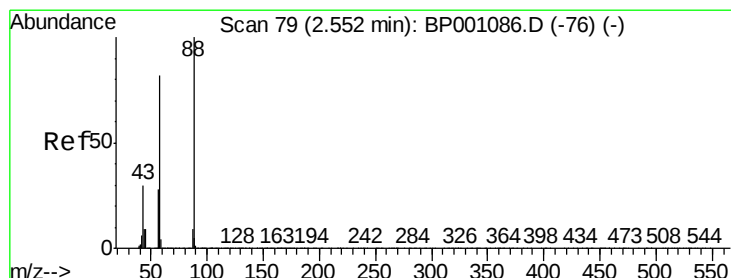
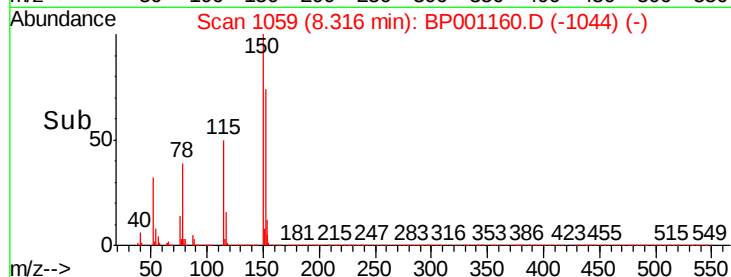
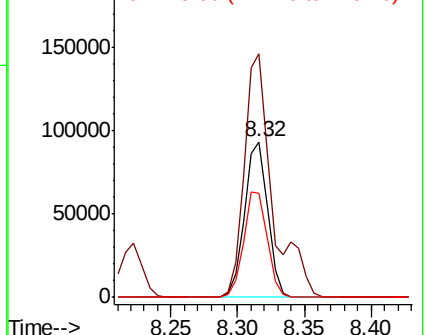


Abundance

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



#2

1,4-Dioxane

Concen: 37.254 ng

RT: 2.62 min Scan# 91

Delta R.T. 0.07 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

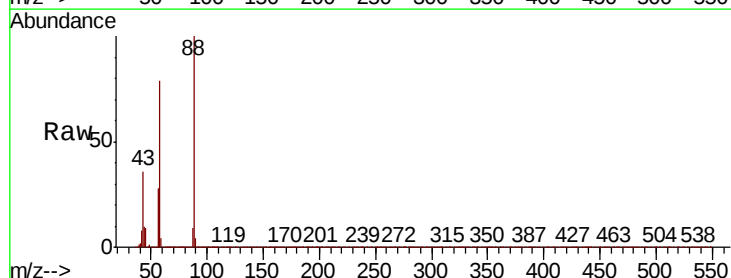
Tgt Ion: 88 Resp: 116119

Ion Ratio Lower Upper

88 100

58 84.6 64.3 96.5

43 34.7 23.8 35.6

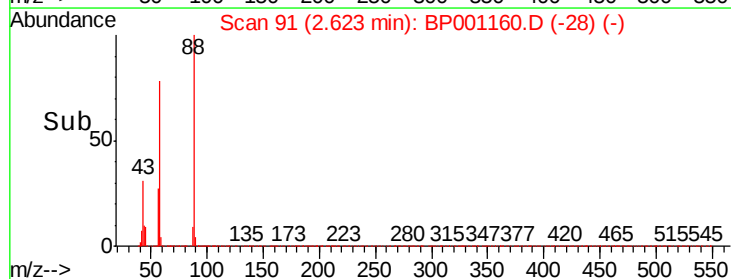
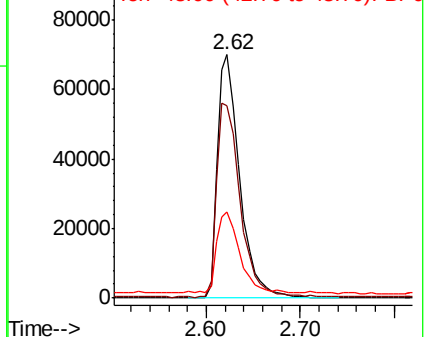


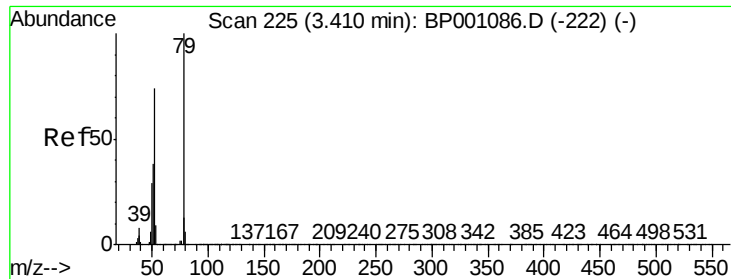
Abundance

Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 33.571 ng

RT: 3.48 min Scan# 236

Delta R.T. 0.07 min

Lab File: BP001160.D

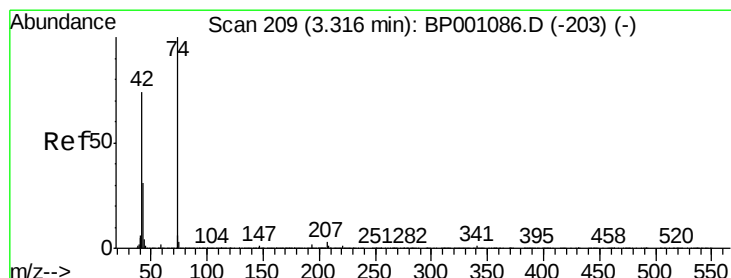
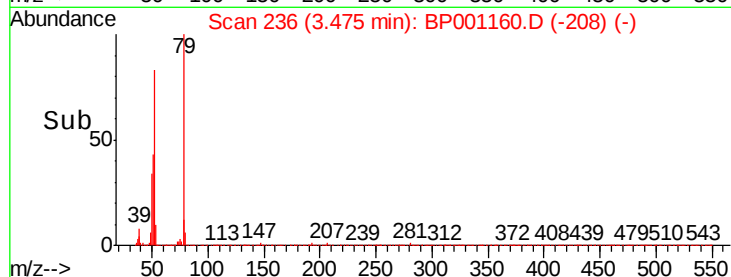
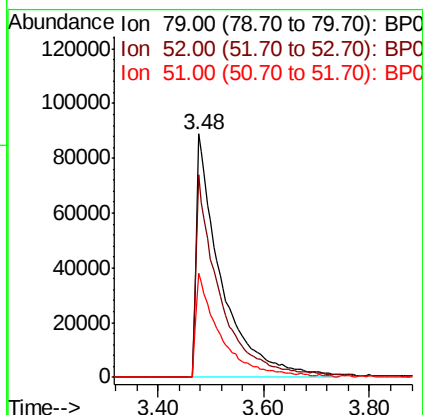
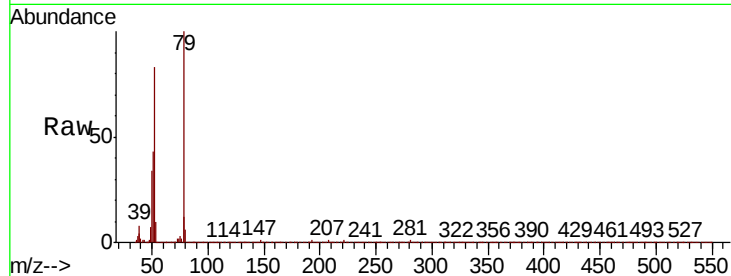
Acq: 03 Dec 2019 17:40

Instrument :

BNA_P

ClientSampled :

Tot Ion:	79	Resp:	290361
Ion	Ratio	Lower	Upper
79	100		
52	83.3	59.4	89.2
51	42.8	30.2	45.4



#4

n-Nitrosodimethylamine

Concen: 48.791 ng

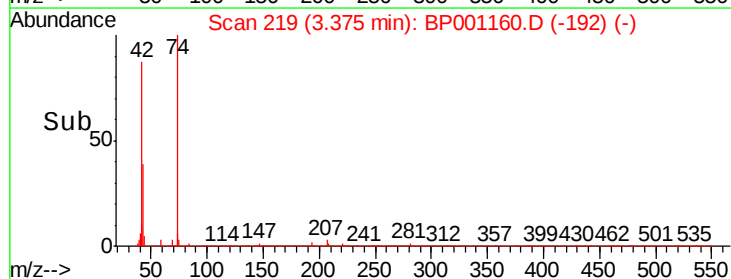
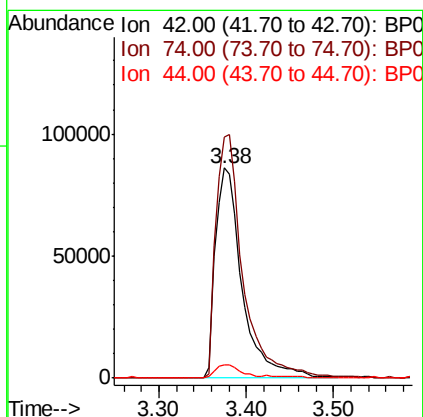
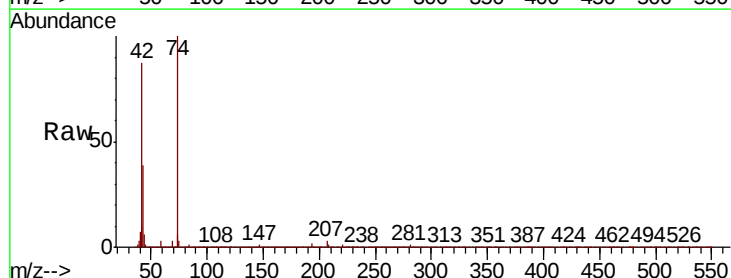
RT: 3.38 min Scan# 219

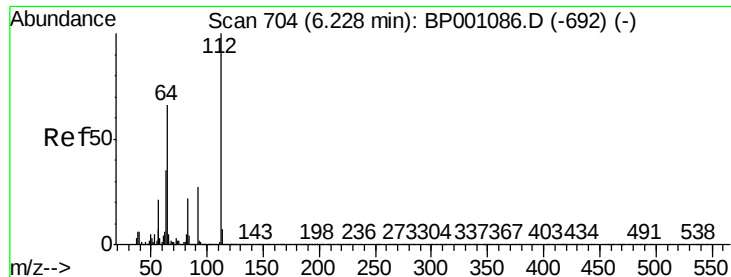
Delta R.T. 0.06 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

Tgt Ion:	42	Resp:	182611
Ion	Ratio	Lower	Upper
42	100		
74	114.8	108.6	163.0
44	6.5	5.1	7.7





#5

2-Fluorophenol

Concen: 133.931 ng

RT: 6.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

Instrument :

BNA_P

ClientSampleId :

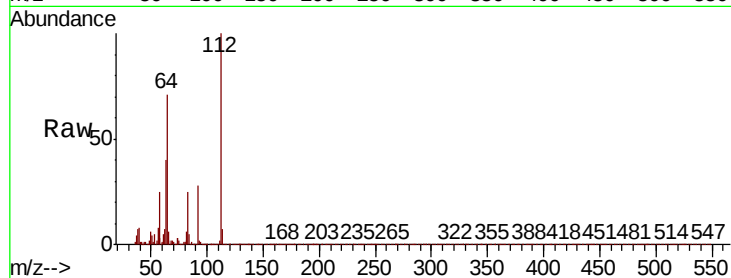
Tot Ion: 112 Resp: 893743

Ion Ratio Lower Upper

112 100

64 70.7 52.8 79.2

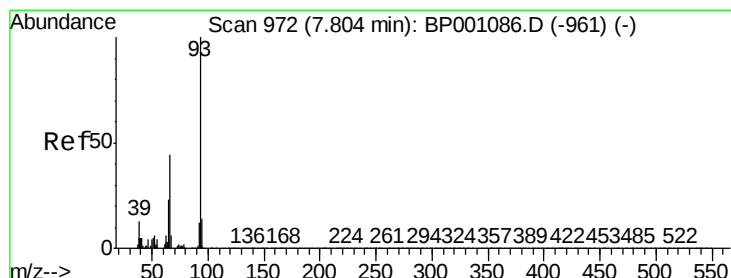
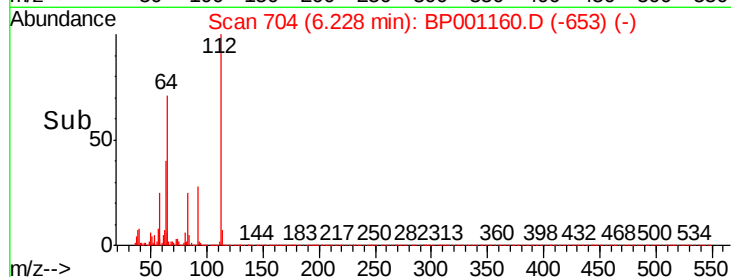
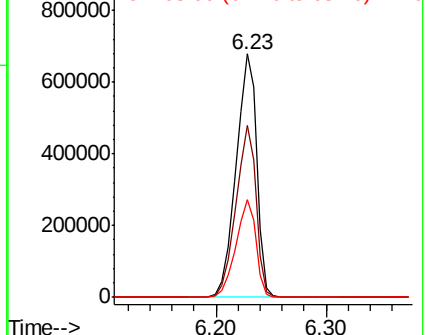
63 40.2 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 29.460 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

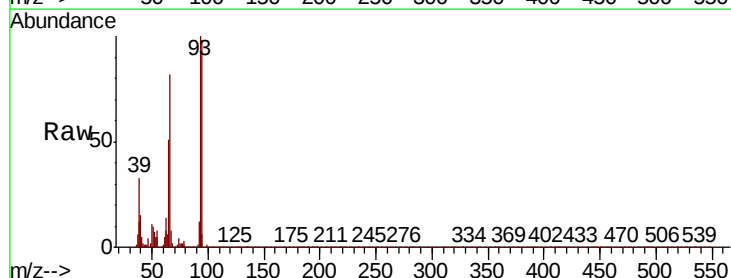
Tgt Ion: 93 Resp: 347253

Ion Ratio Lower Upper

93 100

66 81.6 34.9 52.3#

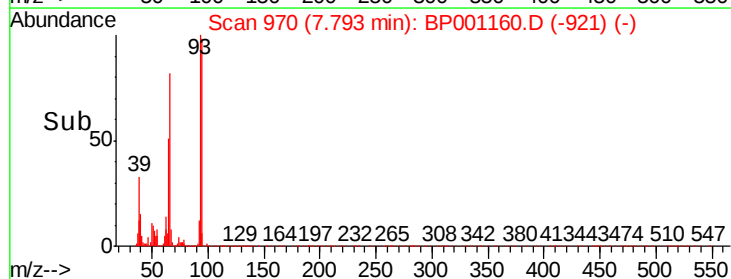
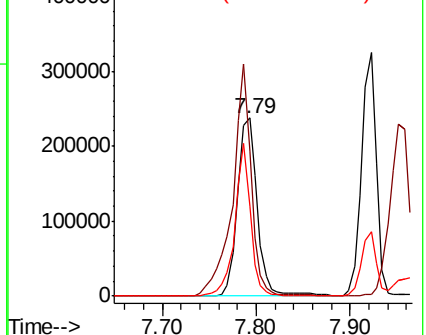
65 50.5 18.5 27.7#

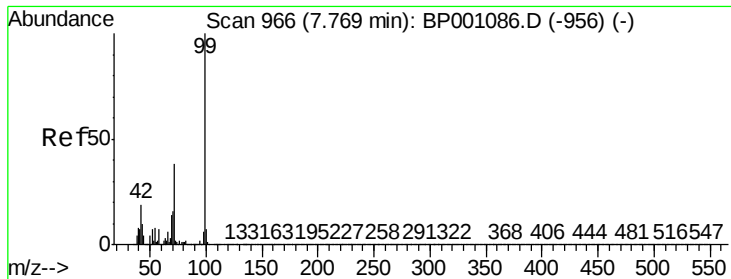


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 133.640 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

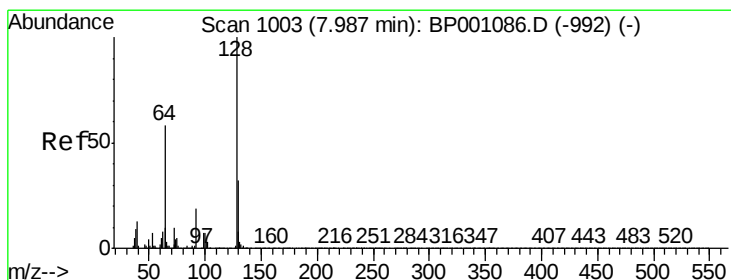
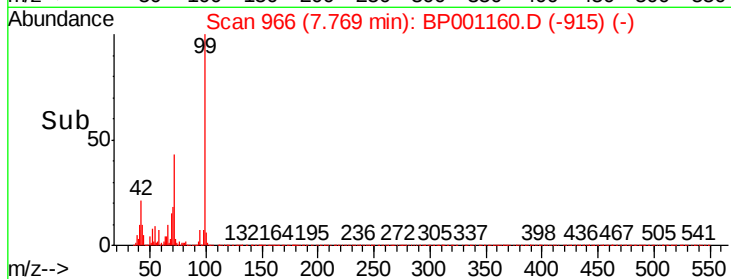
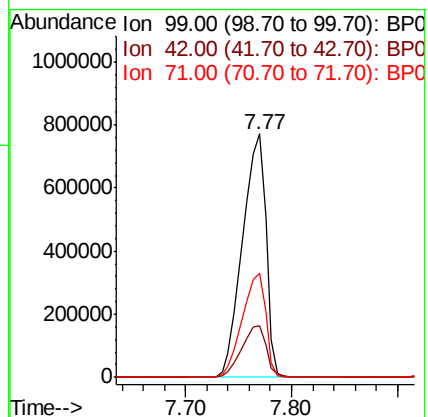
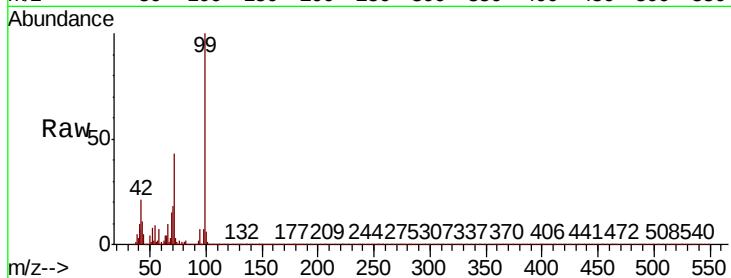
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1188101

Ion	Ratio	Lower	Upper
99	100		
42	21.4	15.4	23.0
71	42.8	30.8	46.2



#8

2-Chlorophenol

Concen: 47.634 ng

RT: 7.98 min Scan# 1001

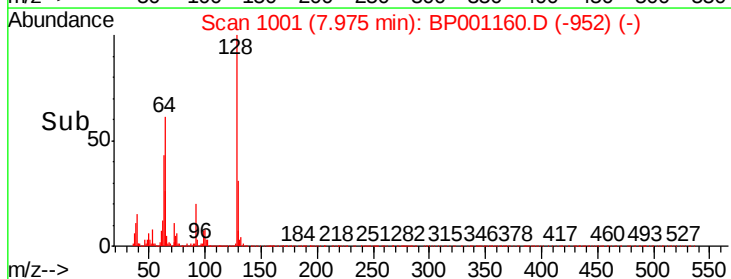
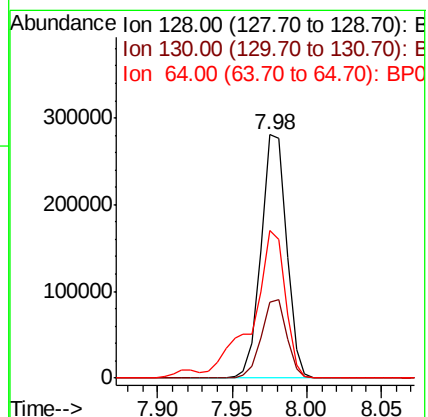
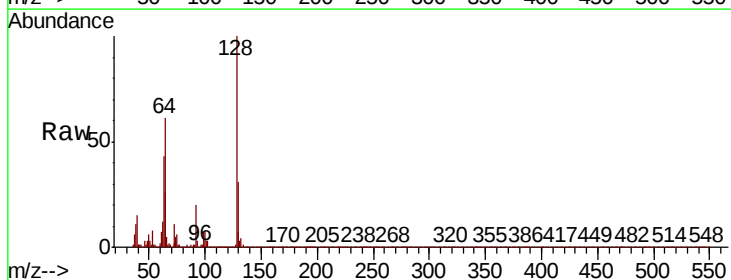
Delta R.T. -0.01 min

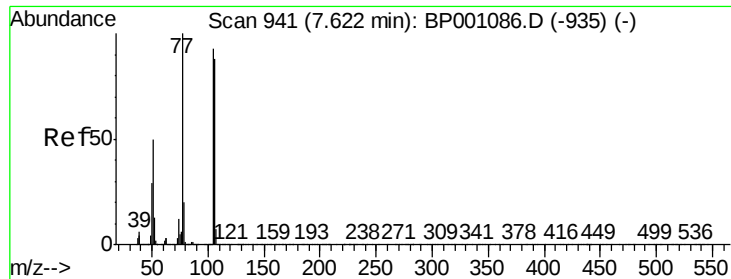
Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

Tgt Ion: 128 Resp: 328880

Ion	Ratio	Lower	Upper
128	100		
130	31.4	11.7	51.7
64	60.8	39.7	79.7





#9

Benzaldehyde

Concen: 28.307 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

Instrument :

BNA_P

ClientSampleId :

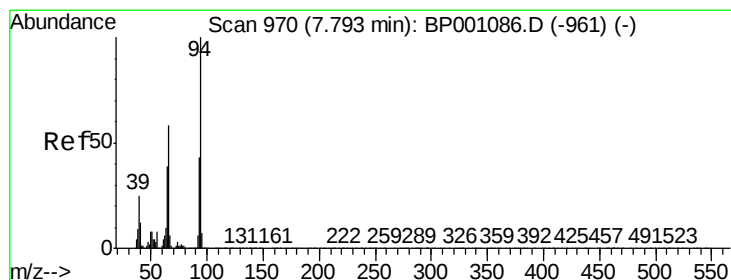
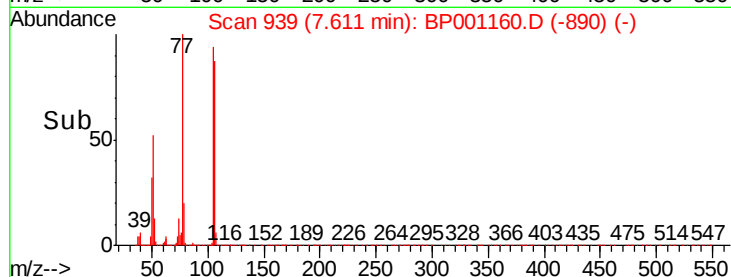
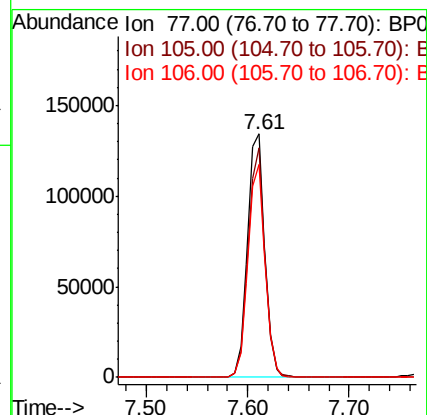
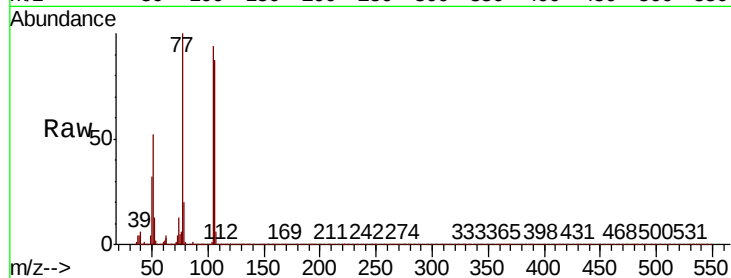
Tot Ion: 77 Resp: 158457

Ion Ratio Lower Upper

77 100

105 94.4 72.5 112.5

106 87.2 67.6 107.6



#10

Phenol

Concen: 46.437 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

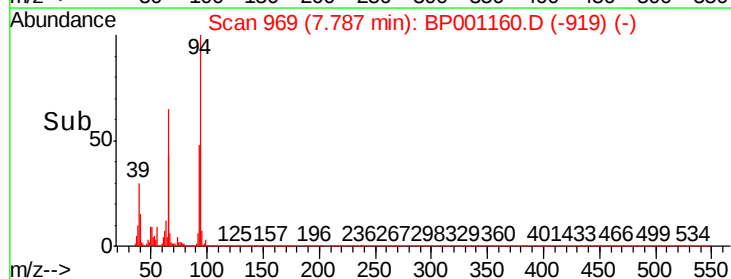
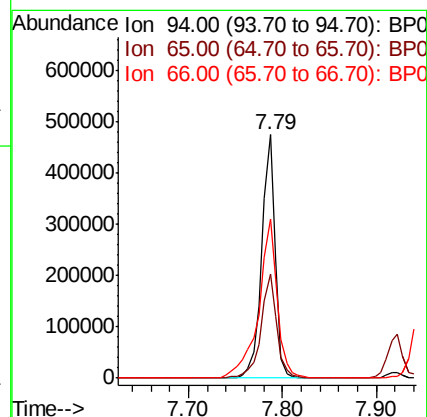
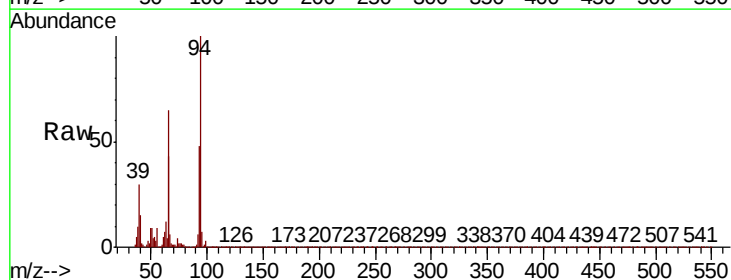
Tgt Ion: 94 Resp: 469592

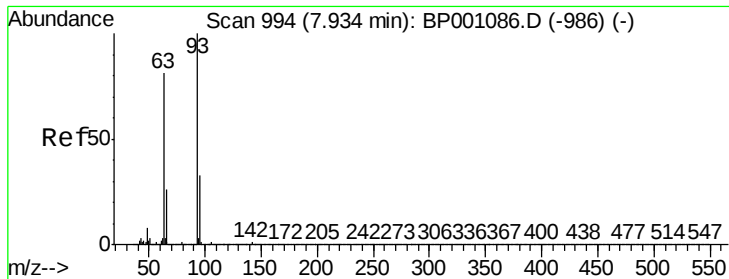
Ion Ratio Lower Upper

94 100

65 42.9 18.6 58.6

66 65.2 37.6 77.6

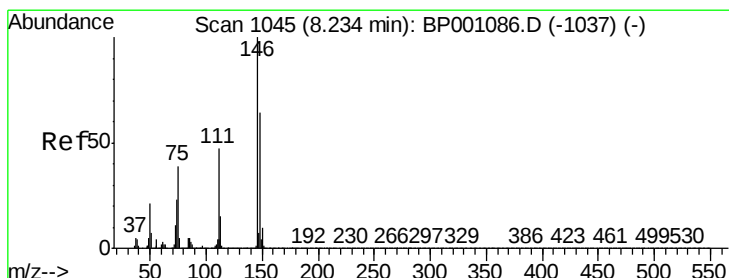
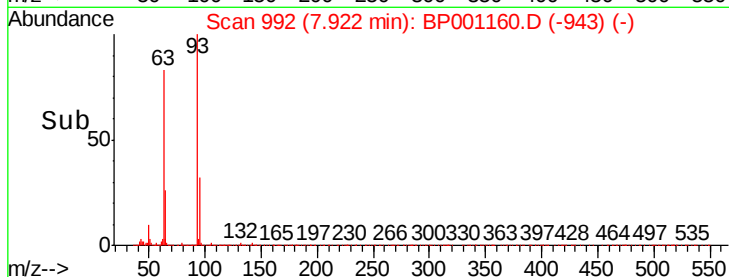
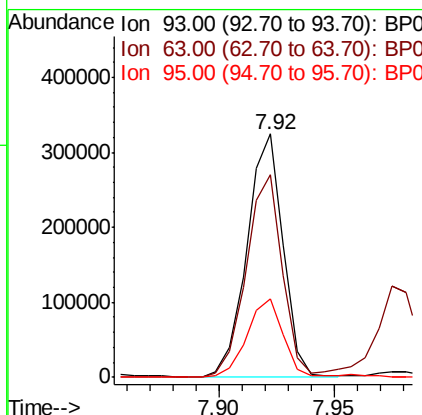
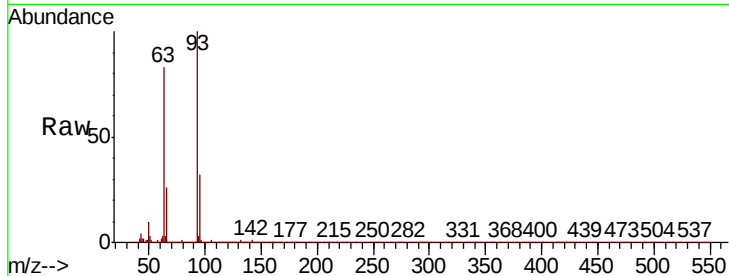




#11
bis(2-Chloroethyl)ether
Concen: 44.758 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

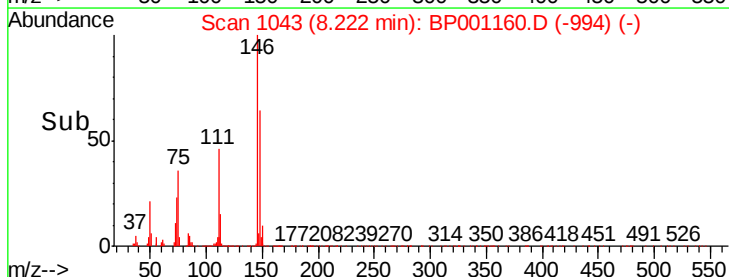
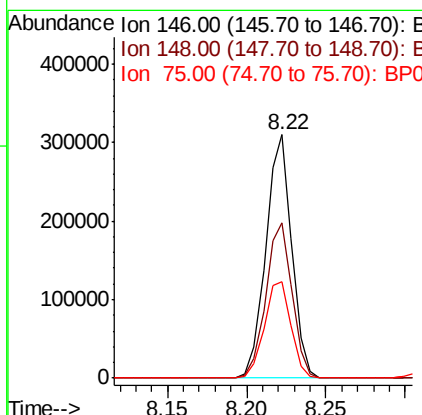
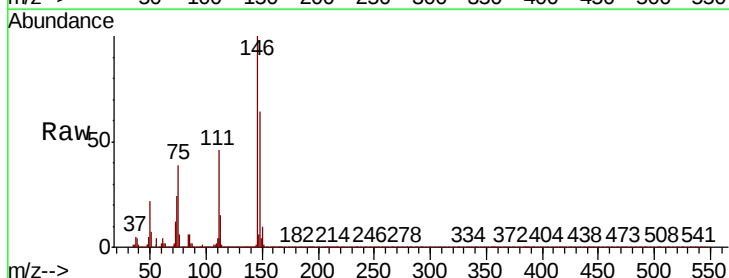
Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.2	60.7	100.7
95	32.3	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 43.066 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
75	39.4	31.3	46.9

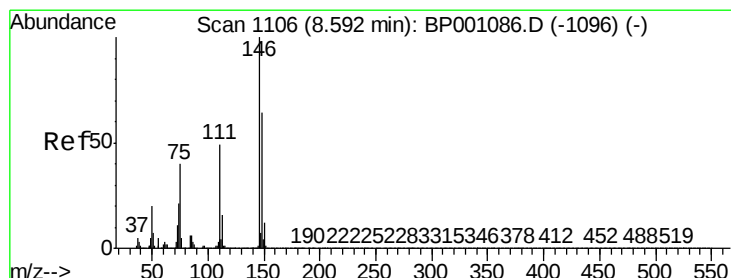
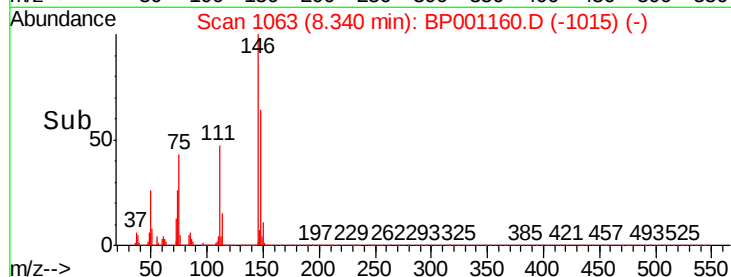
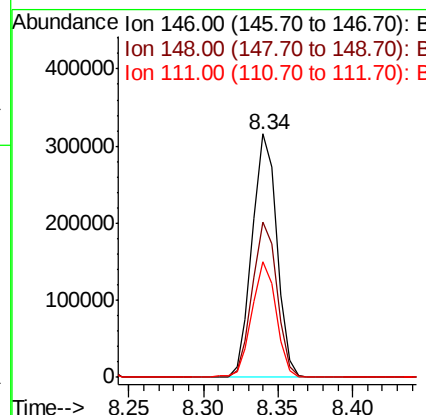
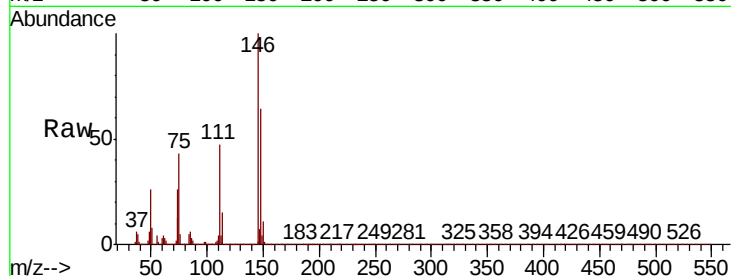




#13
 1,4-Dichlorobenzene
 Concen: 43.473 ng
 RT: 8.34 min Scan# 1063
 Delta R.T. -0.02 min
 Lab File: BP001160.D
 Acq: 03 Dec 2019 17:40

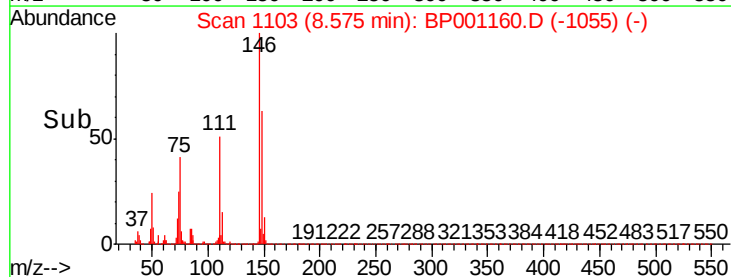
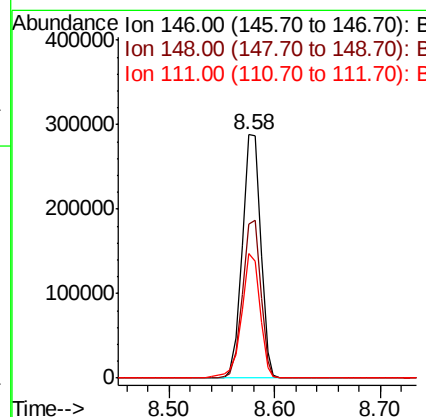
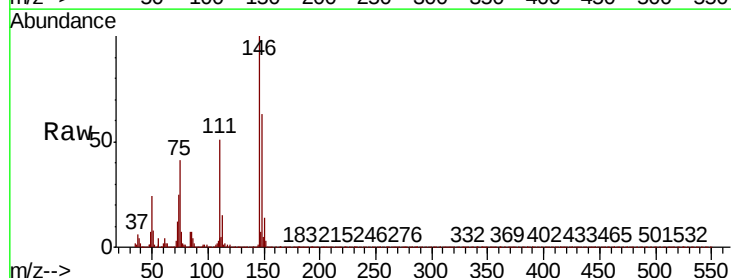
Instrument :
 BNA_P
 ClientSampleId :

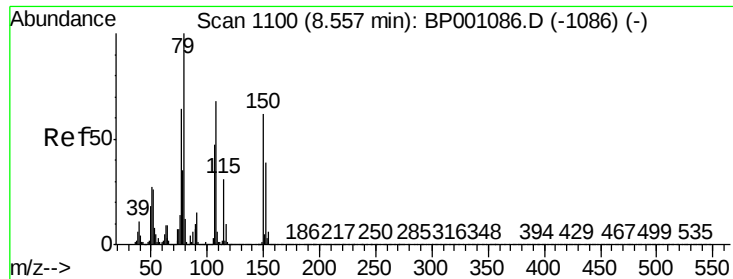
Tot Ion:146 Resp: 358380
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.6 77.4
 111 47.5 37.0 55.6



#14
 1,2-Dichlorobenzene
 Concen: 44.046 ng
 RT: 8.58 min Scan# 1103
 Delta R.T. -0.02 min
 Lab File: BP001160.D
 Acq: 03 Dec 2019 17:40

Tgt Ion:146 Resp: 341727
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.5 77.3
 111 51.0 39.3 58.9





#15

Benzyl Alcohol

Concen: 49.923 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

Instrument :

BNA_P

ClientSampleId :

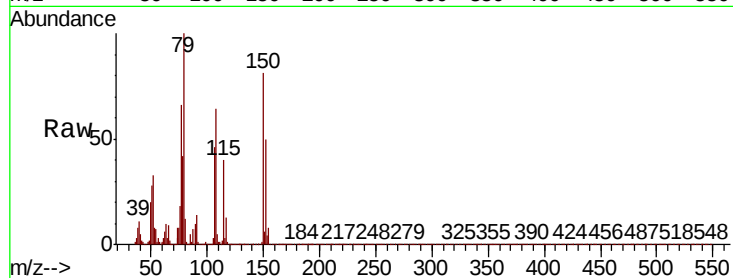
Tot Ion: 79 Resp: 364332

Ion Ratio Lower Upper

79 100

108 63.7 54.8 82.2

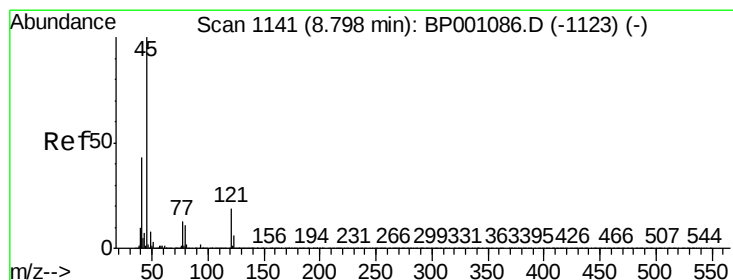
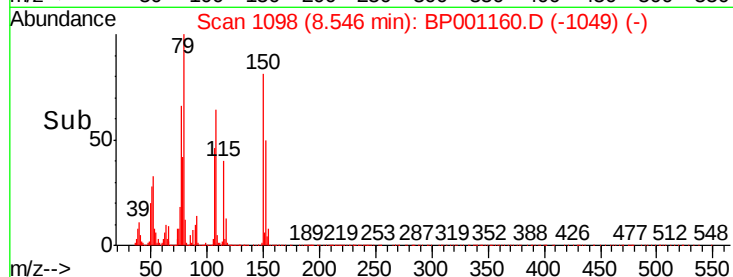
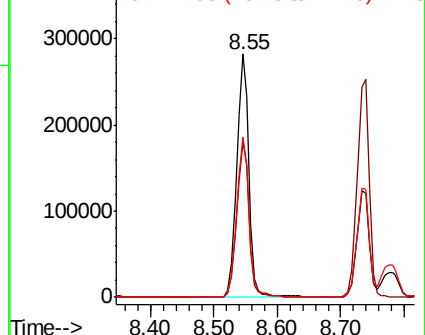
77 66.1 51.4 77.2



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): BP0

Ion 77.00 (76.70 to 77.70): BP0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.108 ng

RT: 8.78 min Scan# 1137

Delta R.T. -0.02 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

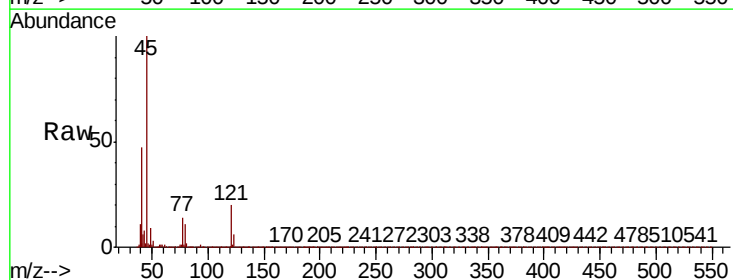
Tgt Ion: 45 Resp: 533092

Ion Ratio Lower Upper

45 100

77 13.7 0.0 33.3

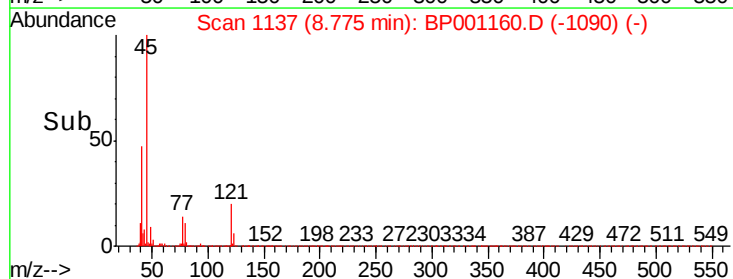
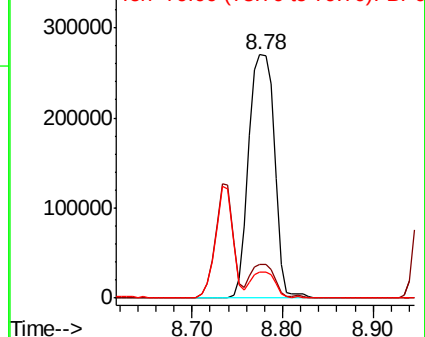
79 10.6 0.0 30.9

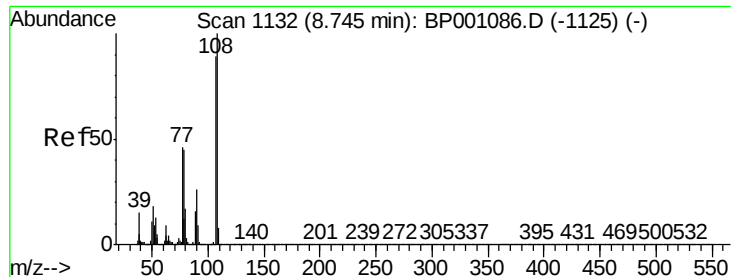


Abundance Ion 45.00 (44.70 to 45.70): BP0

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0





#17

2-Methylphenol

Concen: 46.110 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

Instrument :

BNA_P

ClientSampleId :

Tot Ion:107 Resp: 292028

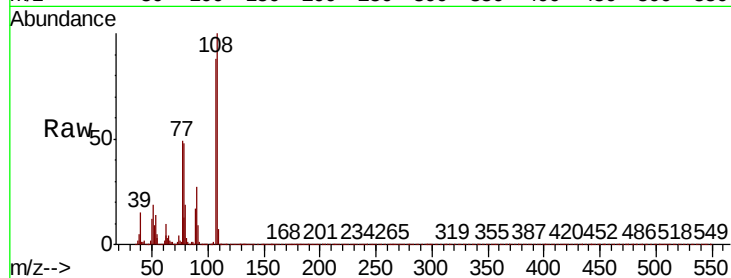
Ion Ratio Lower Upper

107 100

108 113.4 89.8 134.6

77 56.1 41.4 62.2

79 54.0 40.6 61.0

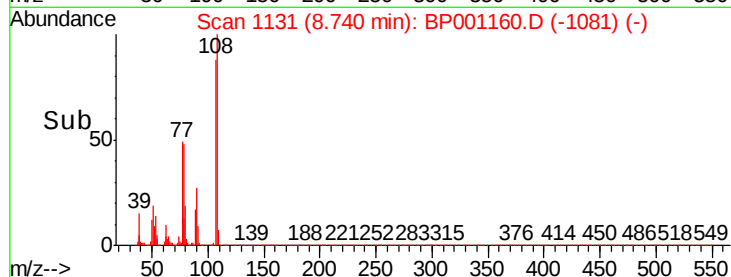


Abundance Ion 107.00 (106.70 to 107.70): E

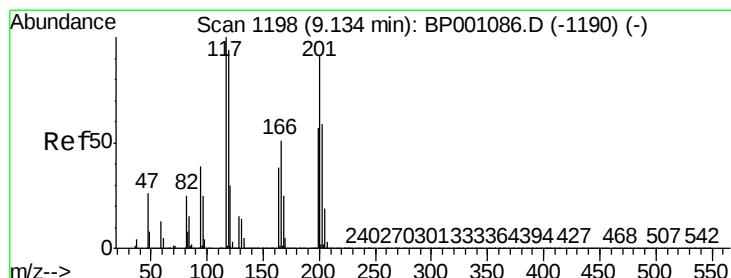
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



Time--> 8.65 8.70 8.75 8.80



#18

Hexachloroethane

Concen: 43.413 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

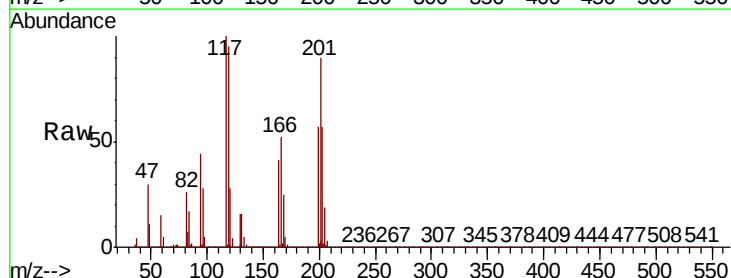
Tgt Ion:117 Resp: 148048

Ion Ratio Lower Upper

117 100

119 95.0 75.2 112.8

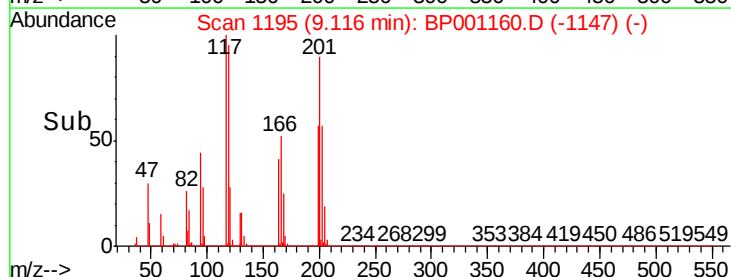
201 90.1 72.5 108.7



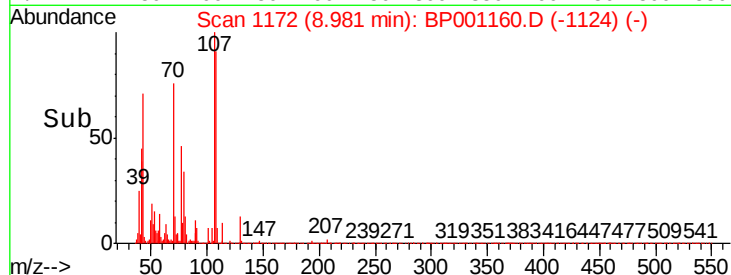
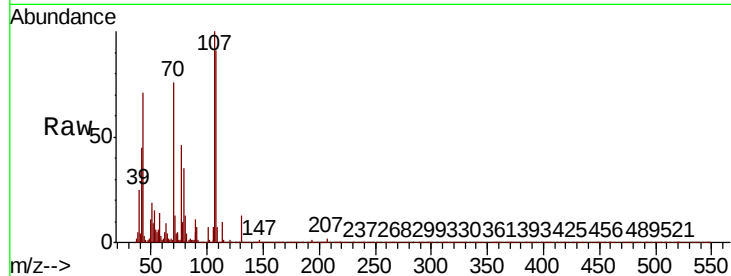
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



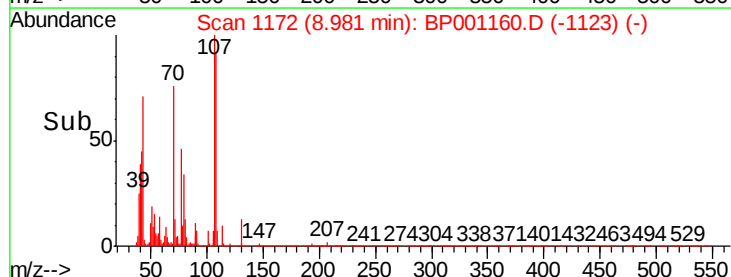
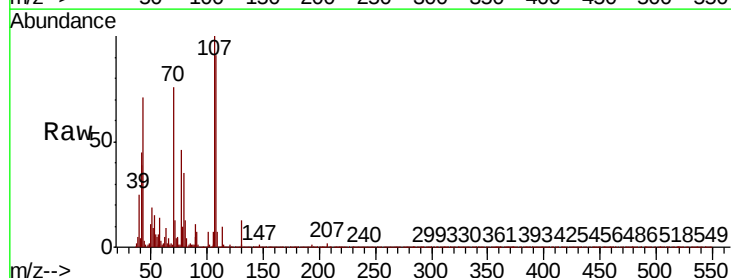
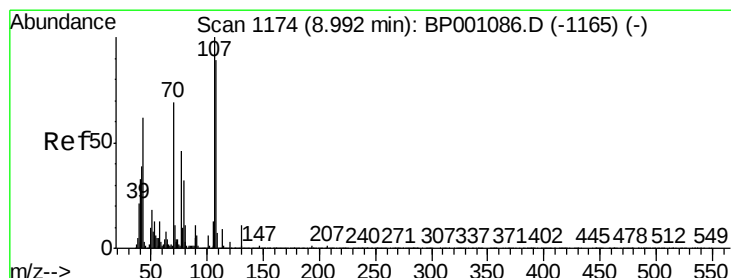
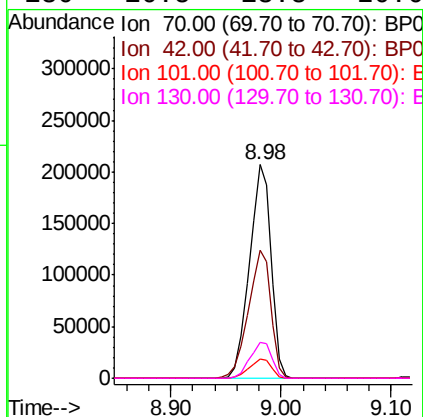
Time--> 9.05 9.10 9.15 9.20



#19
n-Nitroso-di-n-propylamine
Concen: 44.331 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

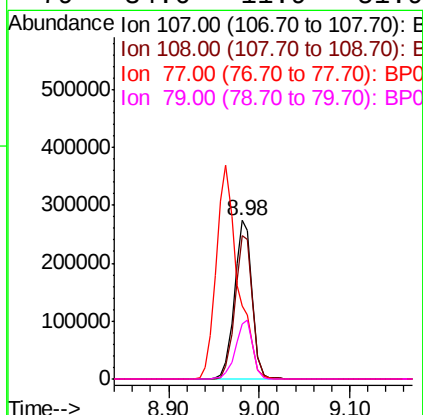
Instrument :
BNA_P
ClientSampleId :

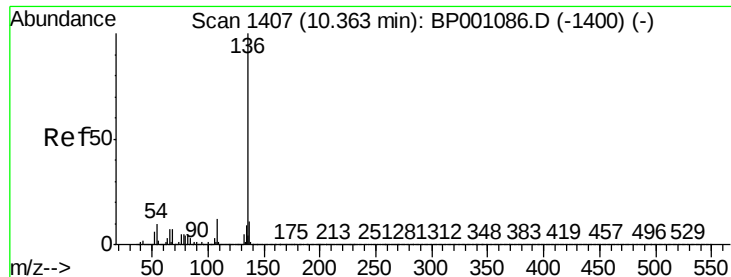
Tot Ion:	70	Resp:	284387
Ion	Ratio	Lower	Upper
70	100		
42	59.8	44.6	66.8
101	9.1	7.1	10.7
130	16.5	13.8	20.6



#20
3+4-Methylphenols
Concen: 46.549 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Tgt Ion:	107	Resp:	371624
Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.9	108.9
77	46.1	25.9	65.9
79	34.6	11.9	51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BP001160.D

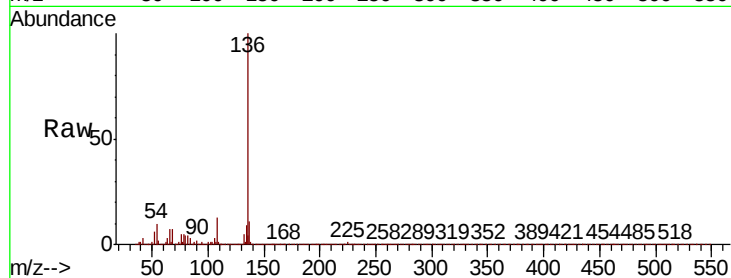
Acq: 03 Dec 2019 17:40

Instrument :

BNA_P

ClientSampled :

Tot Ion:136	Resp:	439871
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	9.6	7.9 11.9
68	6.5	5.6 8.4



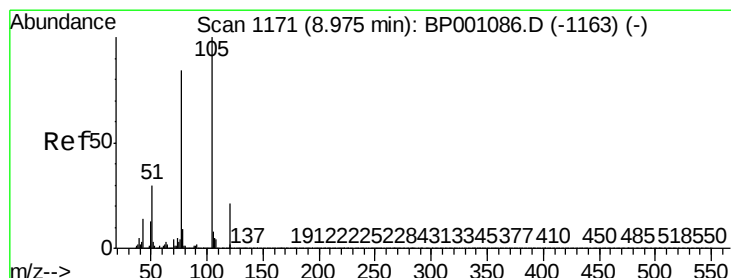
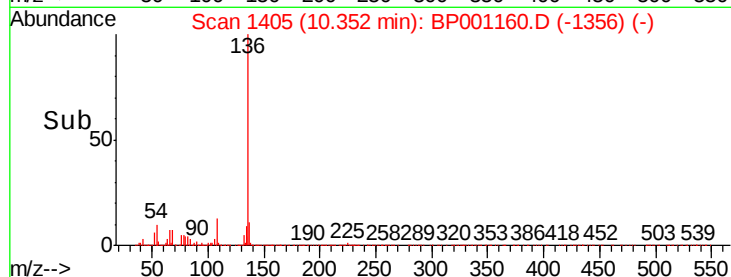
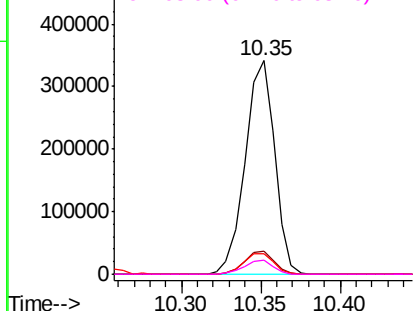
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22

Acetophenone

Concen: 41.819 ng

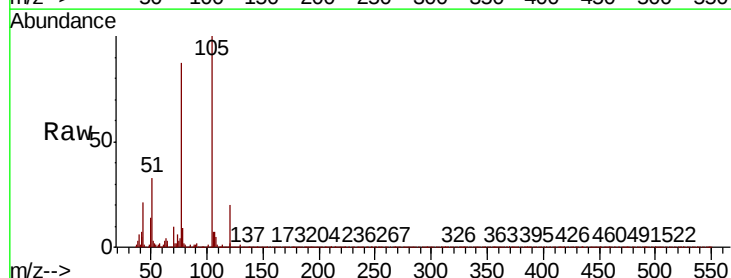
RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

Tgt Ion:105	Resp:	540648
Ion Ratio	Lower	Upper
105	100	
71	1.5	0.5 0.7#
51	33.3	24.2 36.4
120	19.8	16.4 24.6



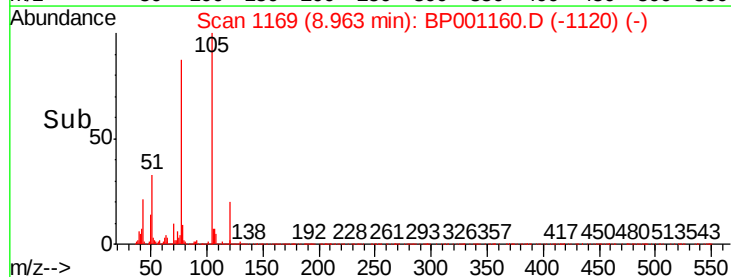
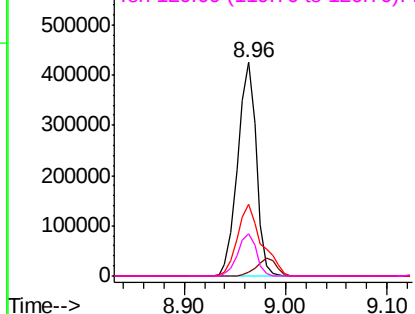
Abundance

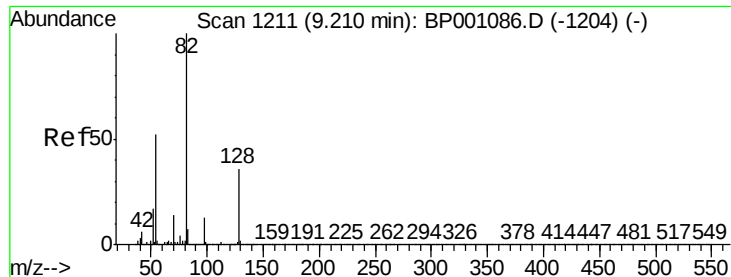
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

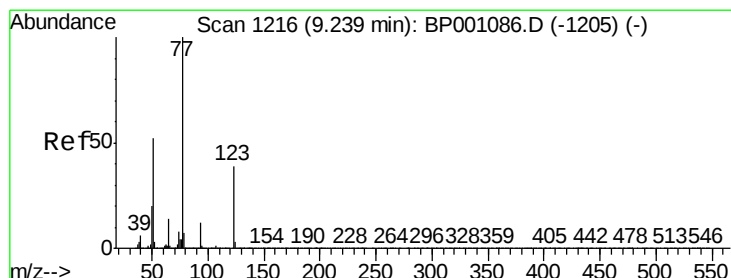
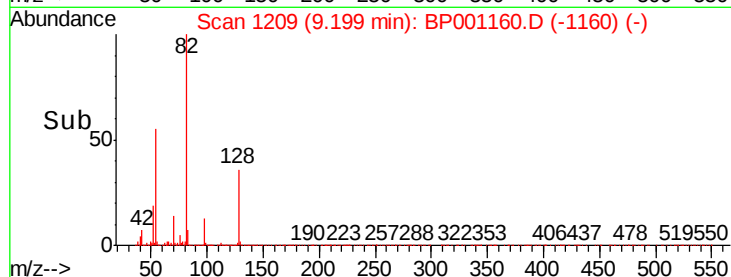
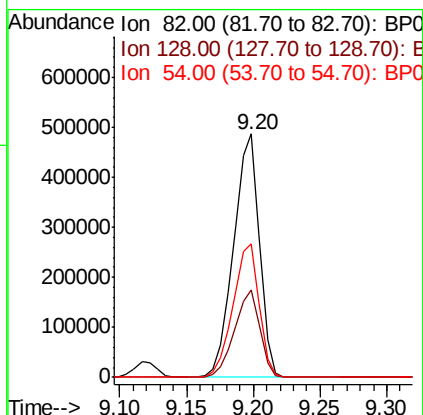
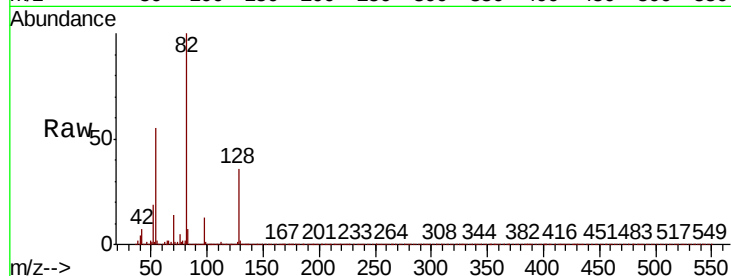




#23
Nitrobenzene-d5
Concen: 64.639 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

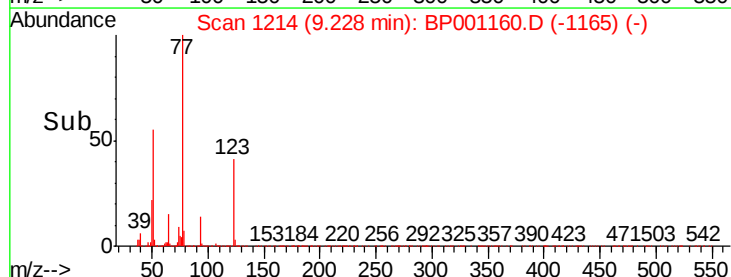
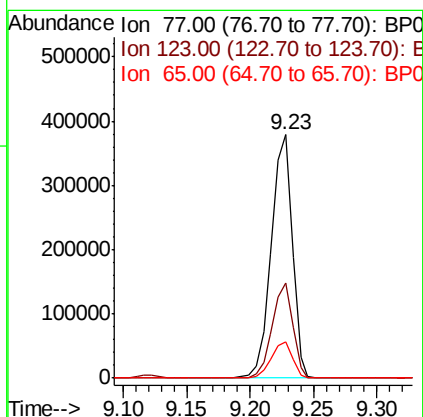
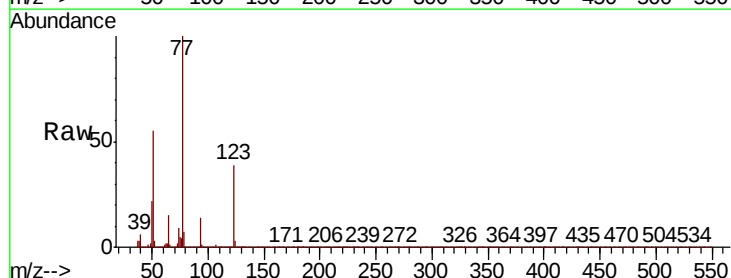
Instrument :
BNA_P
ClientSampleId :

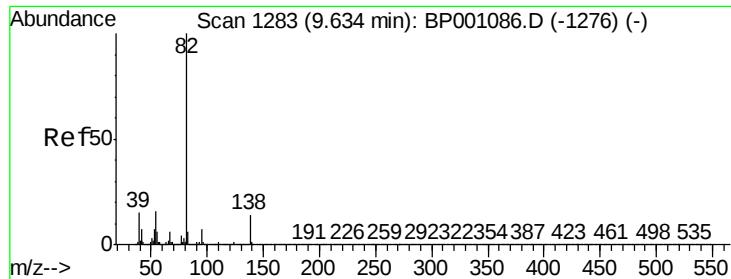
Tot Ion	82	Resp	655348
Ion Ratio	Lower	Upper	
82	100		
128	35.7	28.9	43.3
54	54.8	41.9	62.9



#24
Nitrobenzene
Concen: 43.305 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Tgt Ion	77	Resp	436582
Ion Ratio	Lower	Upper	
77	100		
123	39.3	31.0	46.4
65	14.6	11.0	16.6





#25

Isophorone

Concen: 42.002 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

Instrument :

BNA_P

ClientSampleId :

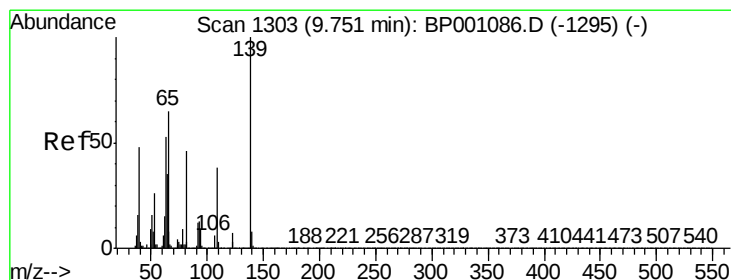
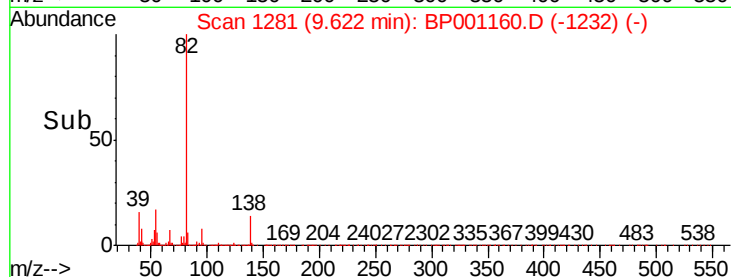
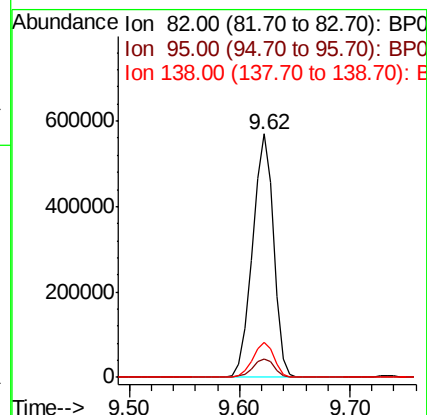
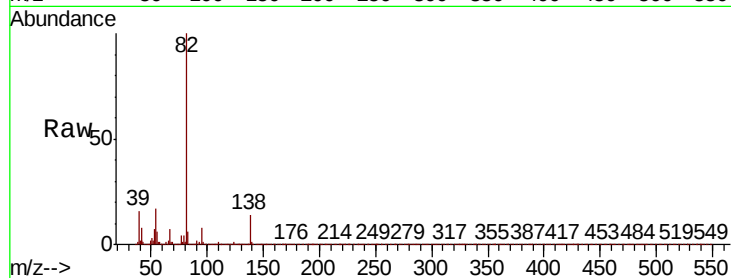
Tot Ion: 82 Resp: 763624

Ion Ratio Lower Upper

82 100

95 7.8 5.7 8.5

138 14.1 11.3 16.9



#26

2-Nitrophenol

Concen: 45.792 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

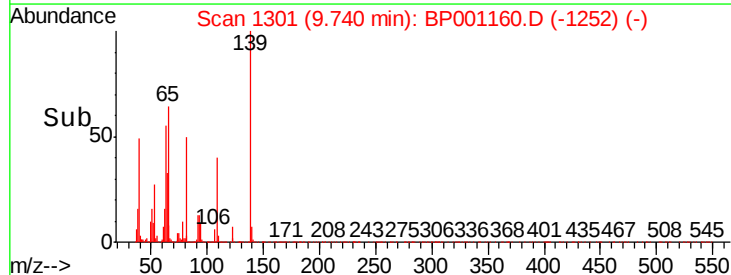
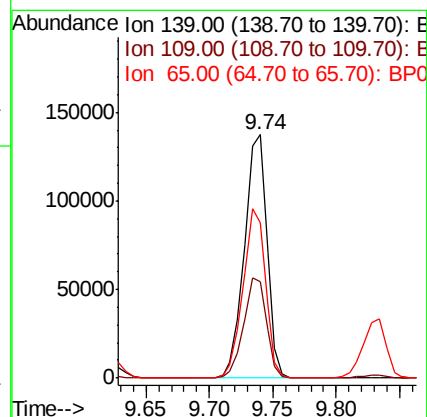
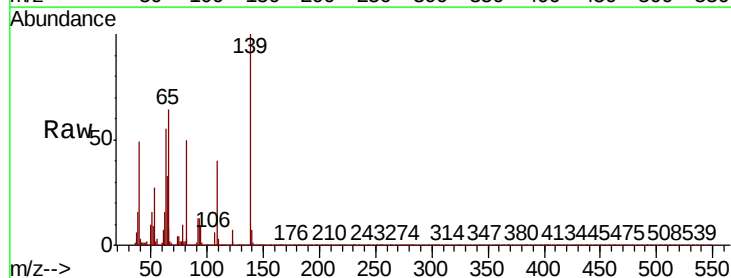
Tgt Ion: 139 Resp: 169100

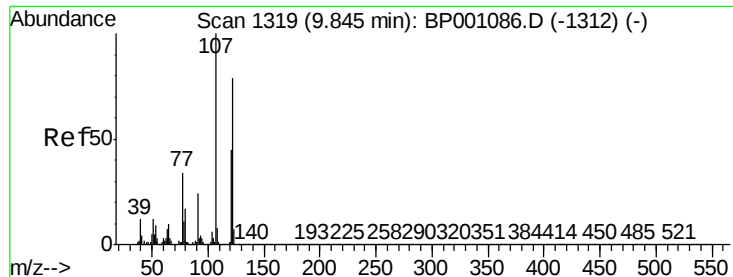
Ion Ratio Lower Upper

139 100

109 39.8 30.6 45.8

65 64.0 51.8 77.8

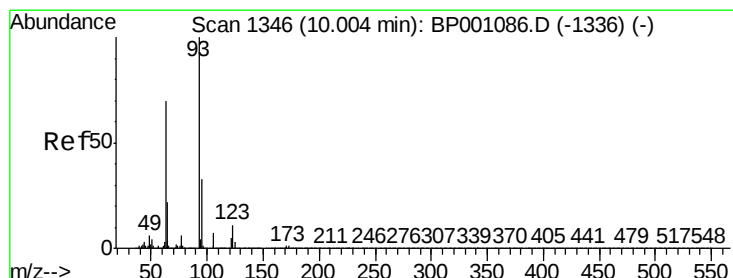
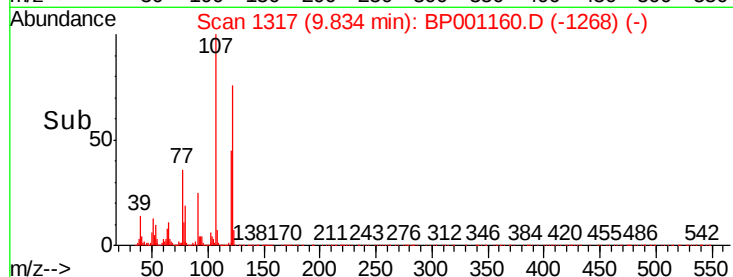
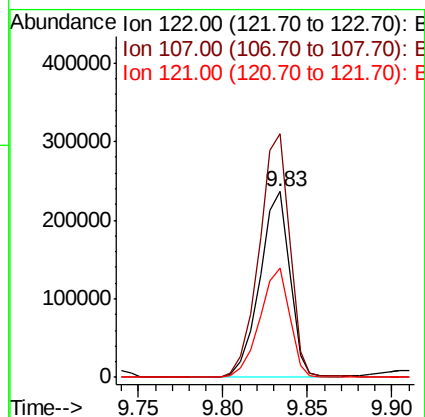
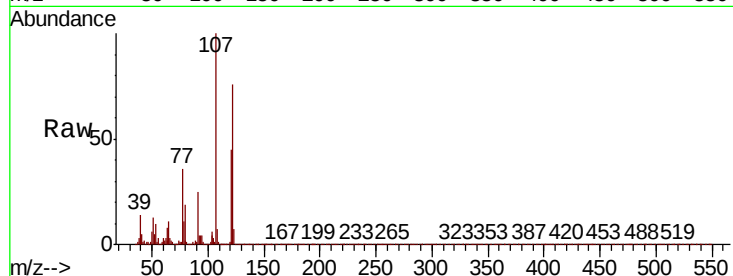




#27
2,4-Dimethylphenol
Concen: 49.915 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

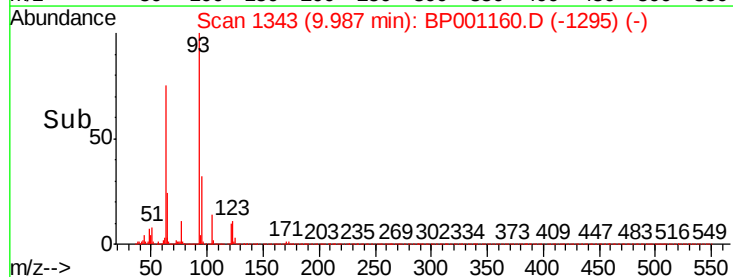
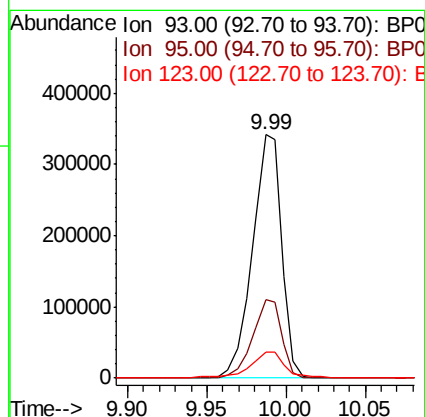
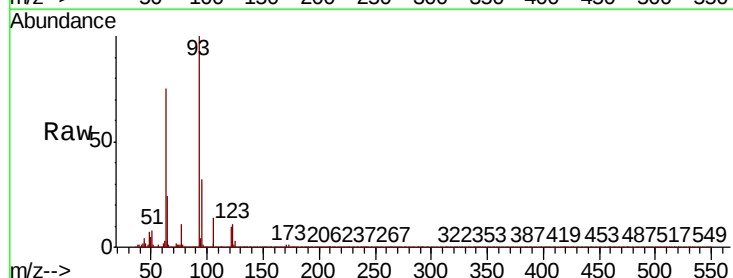
Instrument :
BNA_P
ClientSampleId :

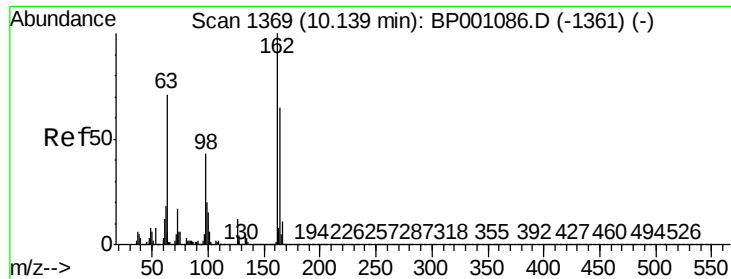
Tot Ion	Ratio	Lower	Upper
122	100		
107	131.1	101.9	152.9
121	59.1	46.1	69.1



#28
bis(2-Chloroethoxy)methane
Concen: 38.164 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.0	39.0
123	10.9	8.9	13.3

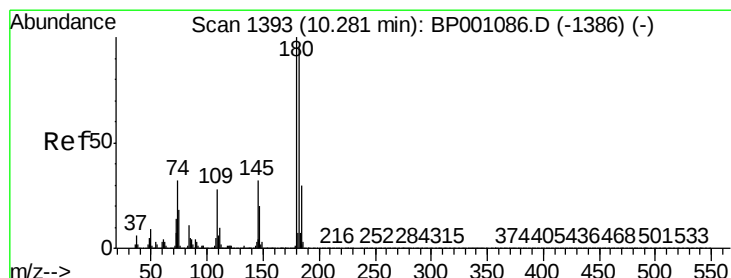
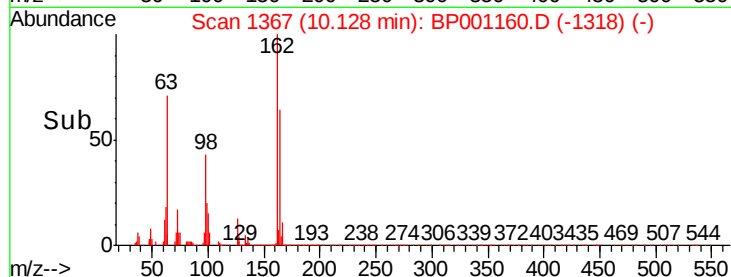
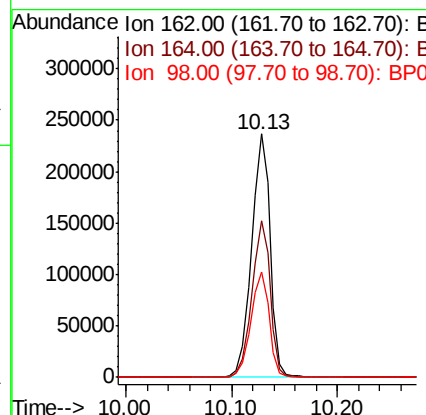
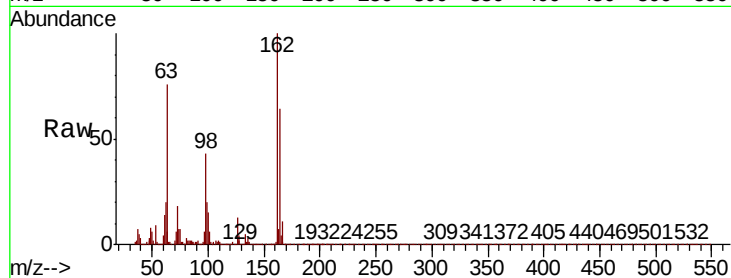




#29
 2,4-Dichlorophenol
 Concen: 43.461 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BP001160.D
 Acq: 03 Dec 2019 17:40

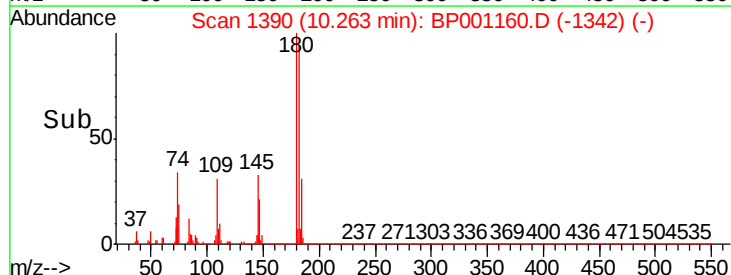
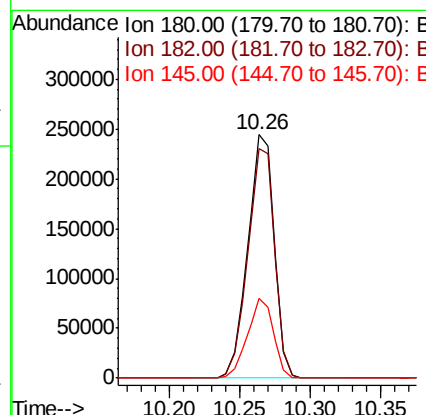
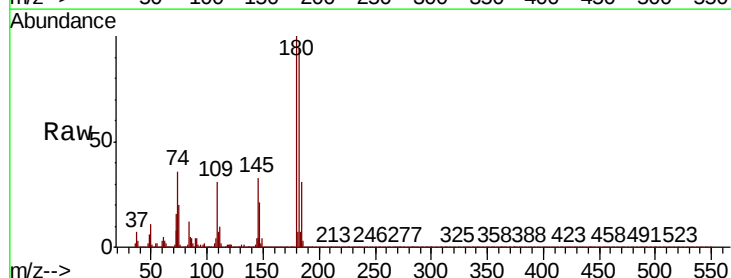
Instrument :
 BNA_P
 ClientSampleId :

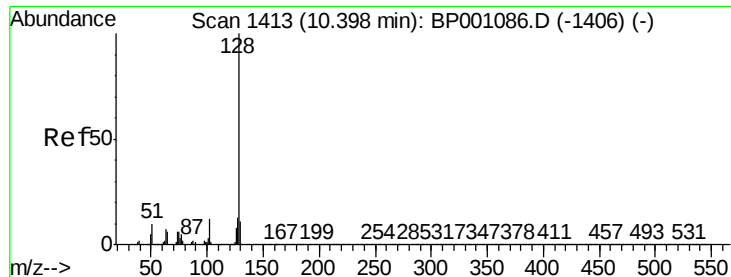
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.1	85.1
98	43.4	23.4	63.4



#30
 1,2,4-Trichlorobenzene
 Concen: 41.077 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.02 min
 Lab File: BP001160.D
 Acq: 03 Dec 2019 17:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.3	114.5
145	32.7	25.4	38.2

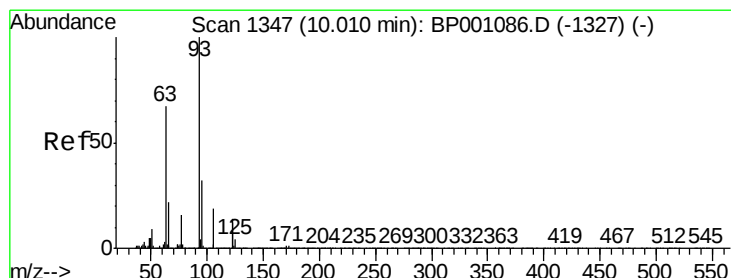
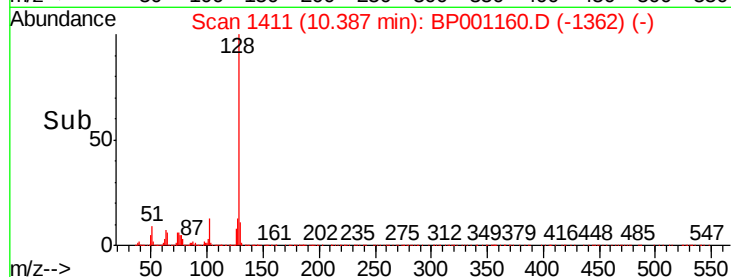
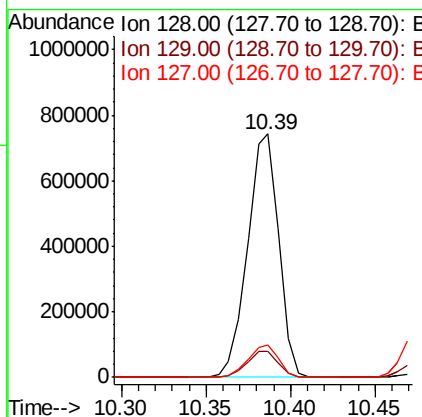
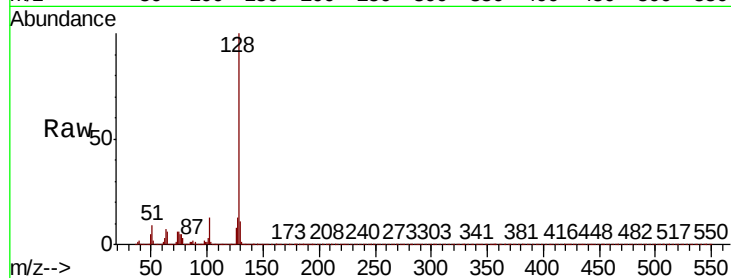




#31
Naphthalene
Concen: 42.318 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

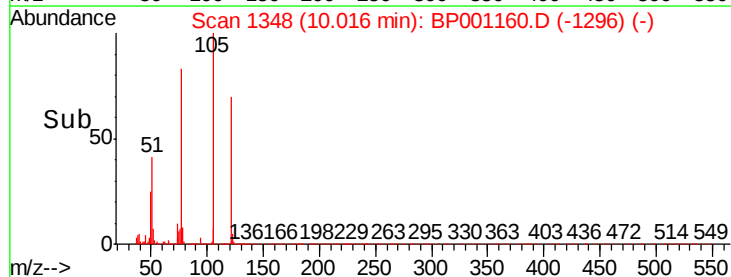
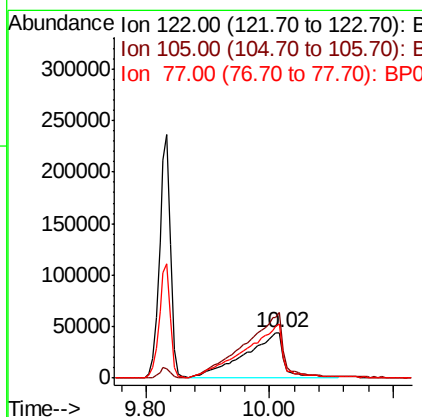
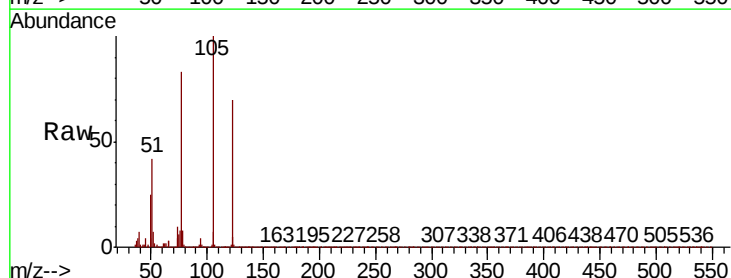
Instrument :
BNA_P
ClientSampleId :

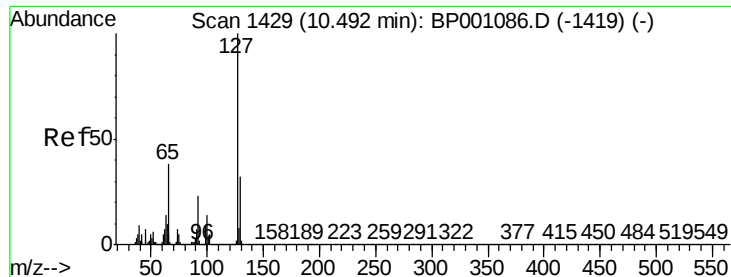
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.3	10.6	16.0



#32
Benzoic acid
Concen: 45.844 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	142.9	116.8	156.8
77	119.0	95.0	135.0

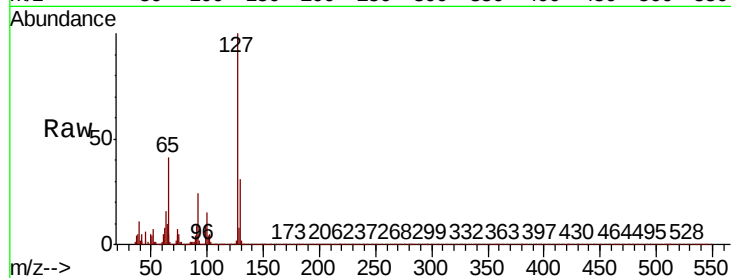




#33
4-Chloroaniline
Concen: 22.453 ng
RT: 10.48 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Instrument :
BNA_P
ClientSampled :

Tot Ion:127	Resp:	218888
Ion Ratio	Lower	Upper
127	100	
129	31.1	25.5 38.3
65	40.5	30.6 46.0
92	23.7	18.5 27.7



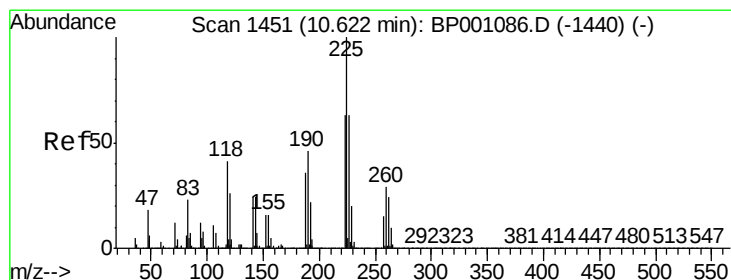
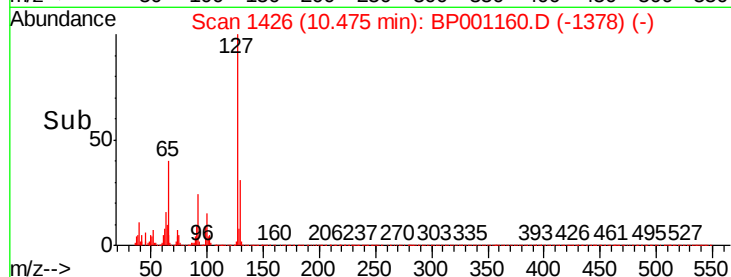
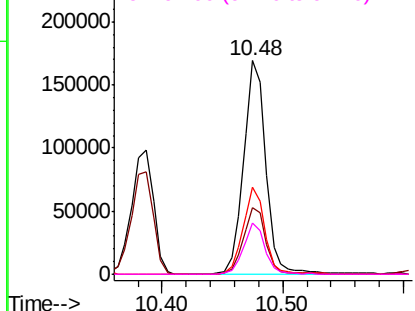
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

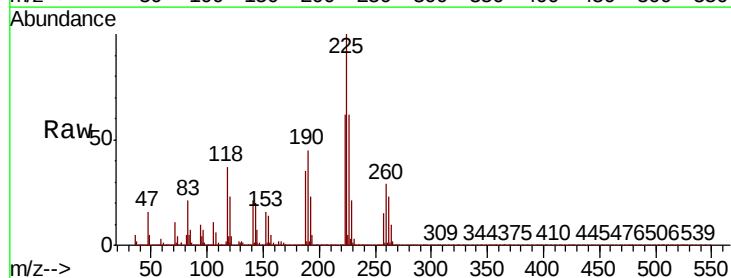
Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34
Hexachlorobutadiene
Concen: 40.815 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Tgt Ion:225	Resp:	199645
Ion Ratio	Lower	Upper
225	100	
223	62.4	50.0 75.0
227	62.3	50.0 75.0

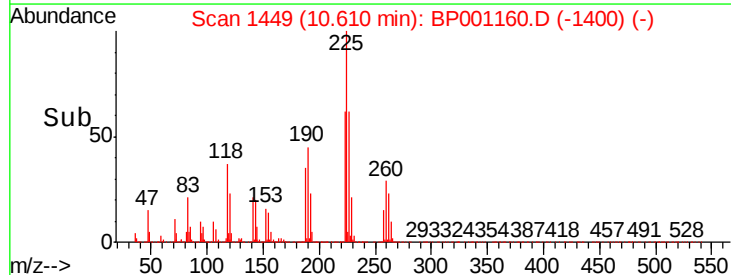
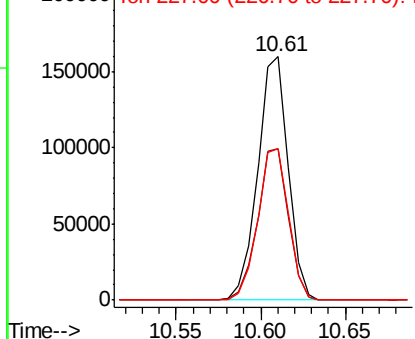


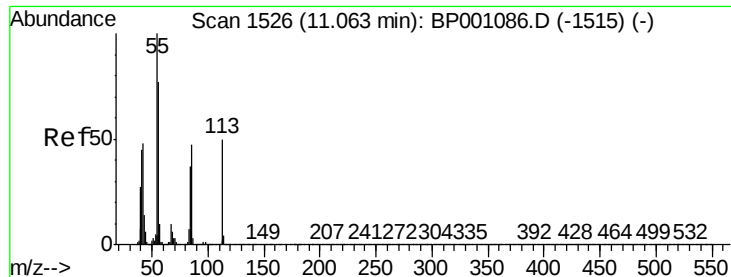
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

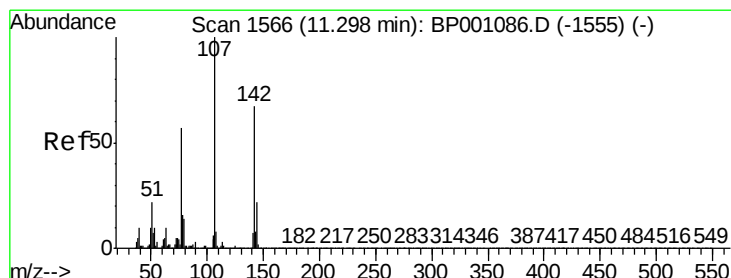
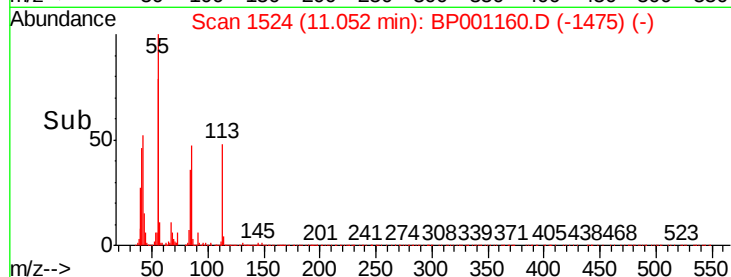
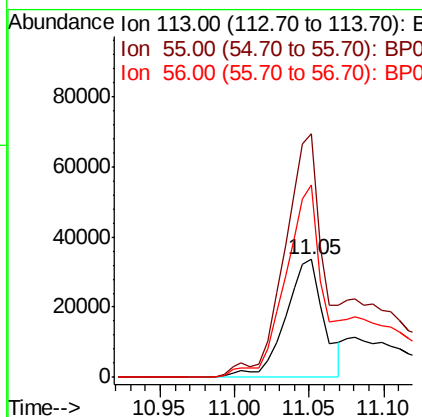
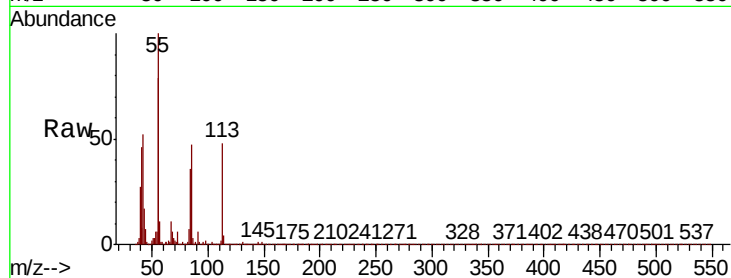




#35
Caprolactam
Concen: 26.250 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

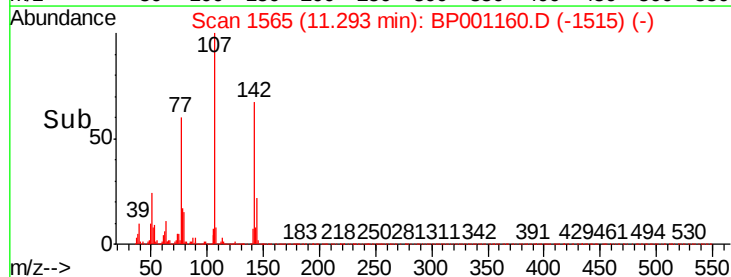
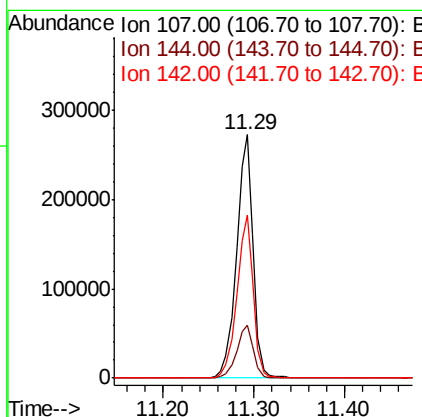
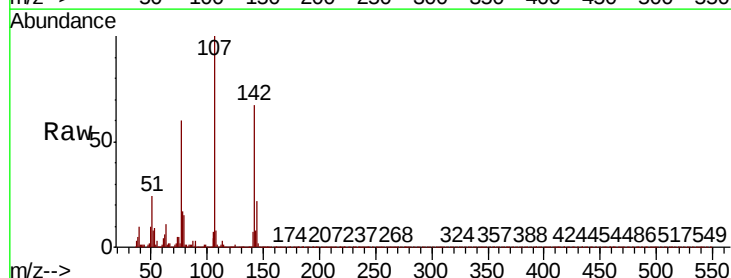
Instrument :
BNA_P
ClientSampleId :

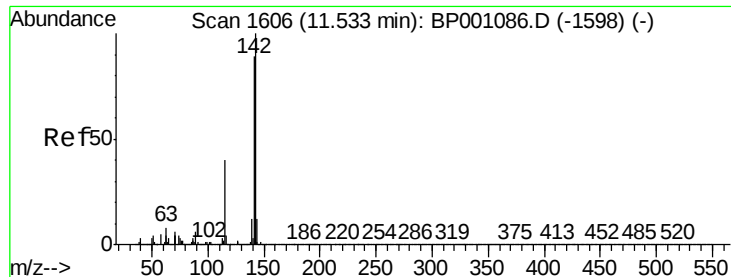
Tot Ion:113 Resp: 60230
Ion Ratio Lower Upper
113 100
55 206.7 181.2 221.2
56 163.2 134.7 174.7



#36
4-Chloro-3-methylphenol
Concen: 44.119 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Tgt Ion:107 Resp: 348237
Ion Ratio Lower Upper
107 100
144 21.8 17.5 26.3
142 67.2 53.3 79.9

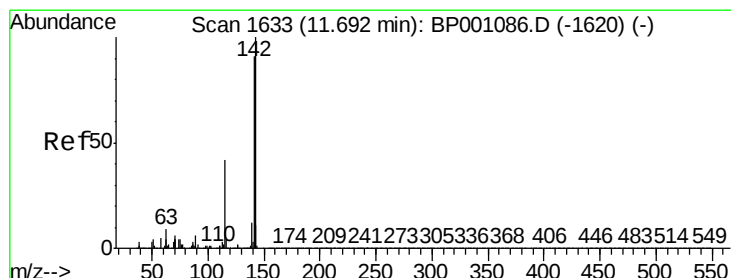
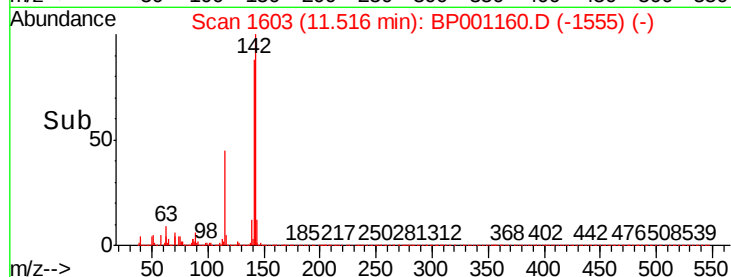
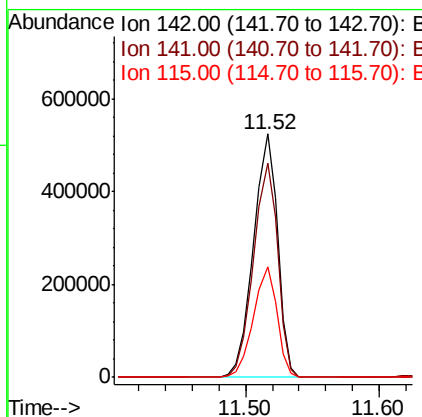
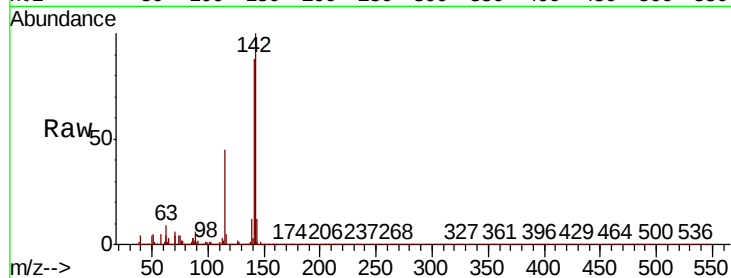




#37
2-Methylnaphthalene
Concen: 42.294 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.02 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

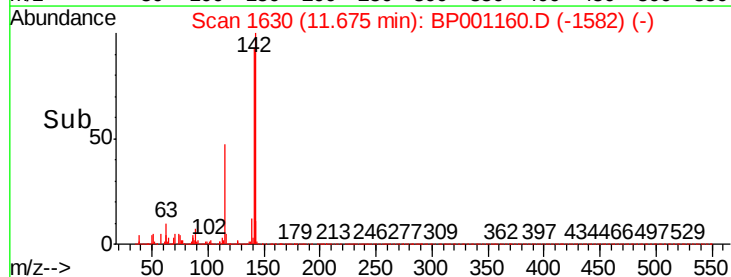
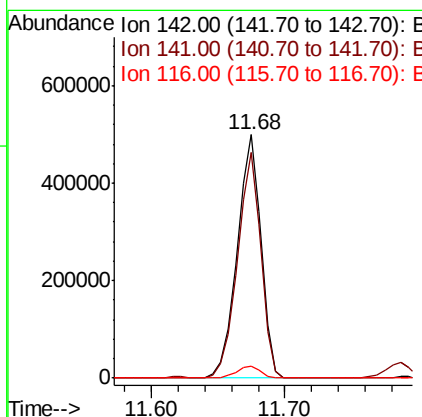
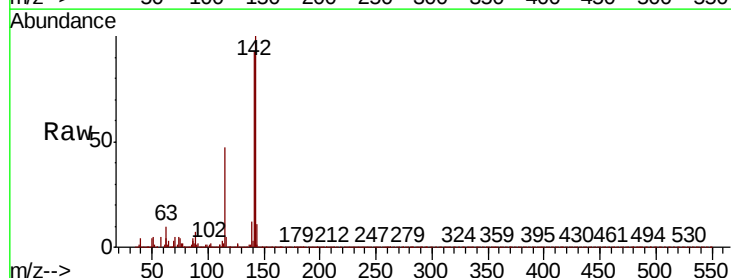
Instrument :
BNA_P
ClientSampleId :

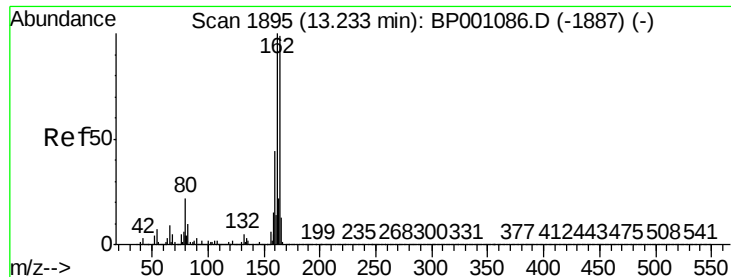
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.1	106.7
115	45.2	32.3	48.5



#38
1-Methylnaphthalene
Concen: 42.470 ng
RT: 11.68 min Scan# 1630
Delta R.T. -0.02 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.0	109.4
116	4.9	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.22 min Scan# 1892

Delta R.T. -0.02 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

Instrument :

BNA_P

ClientSampleId :

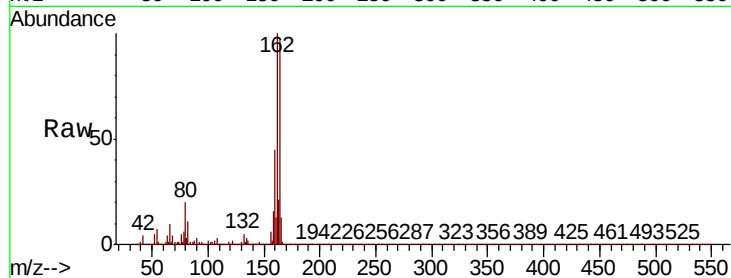
Tot Ion:164 Resp: 247015

Ion Ratio Lower Upper

164 100

162 103.2 80.6 120.8

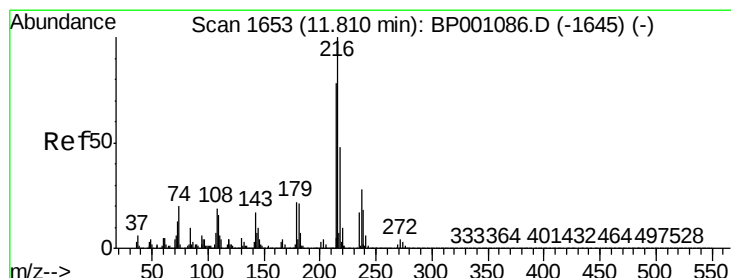
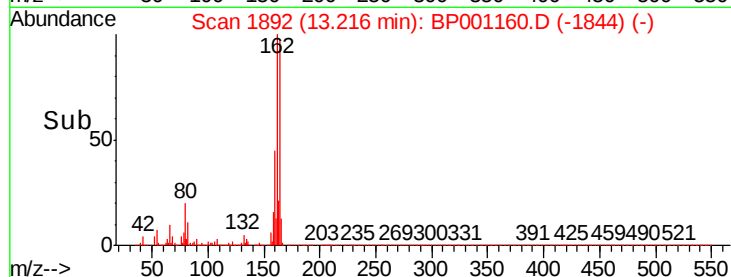
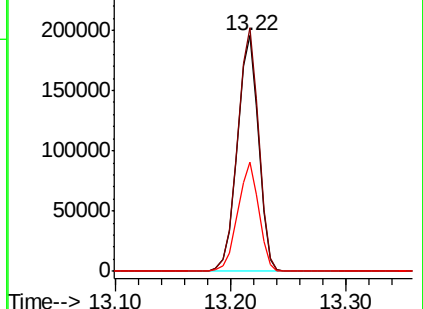
160 46.1 35.4 53.2



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.838 ng

RT: 11.79 min Scan# 1650

Delta R.T. -0.02 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

Tgt Ion:216 Resp: 317901

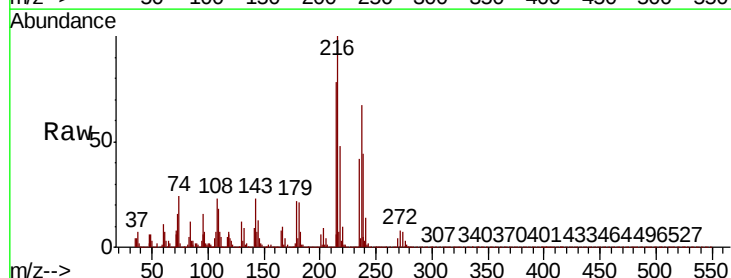
Ion Ratio Lower Upper

216 100

214 78.2 62.8 94.2

179 22.4 17.6 26.4

108 24.5 17.7 26.5

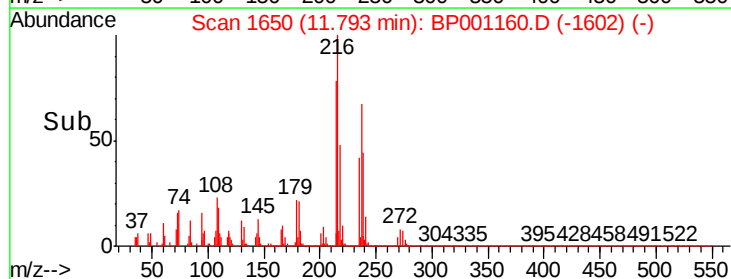
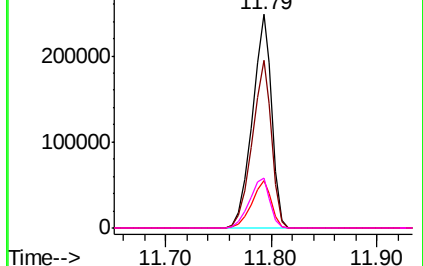


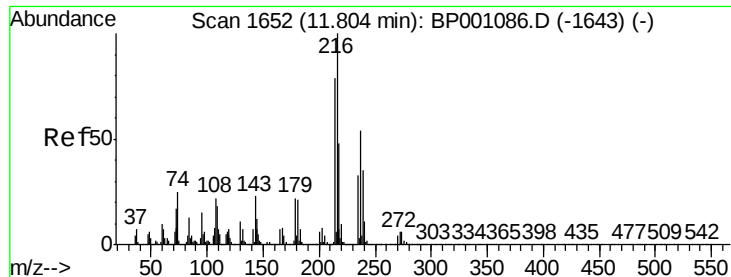
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

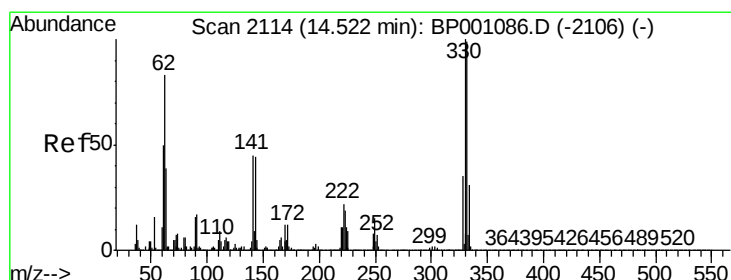
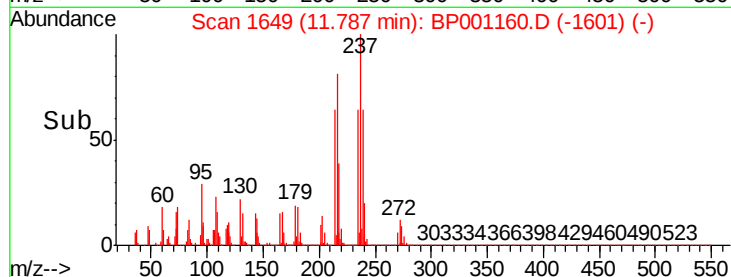
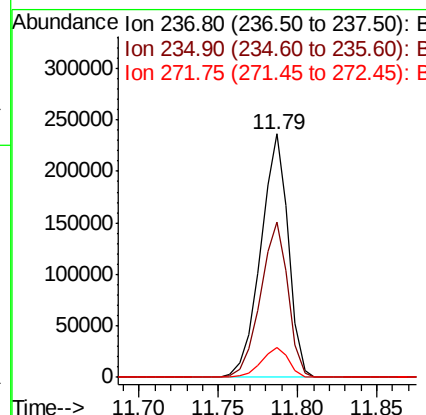
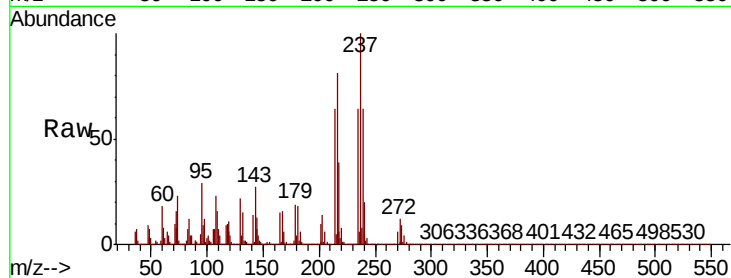




#41
Hexachlorocyclopentadiene
Concen: 79.466 ng
RT: 11.79 min Scan# 1649
Delta R.T. -0.02 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

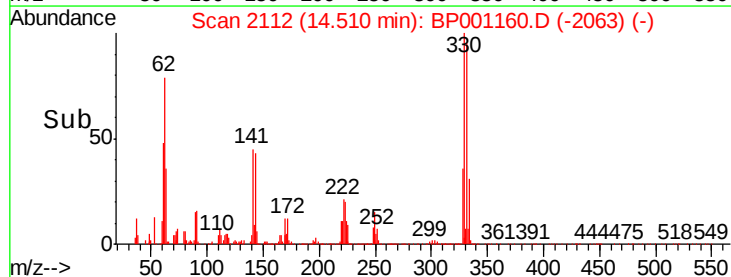
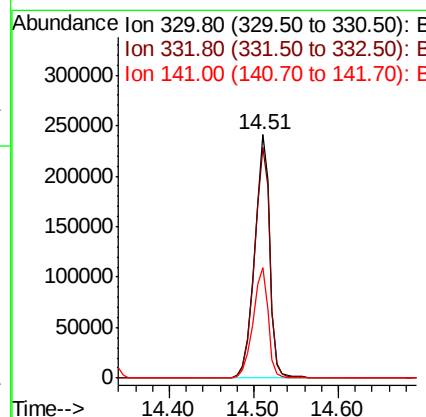
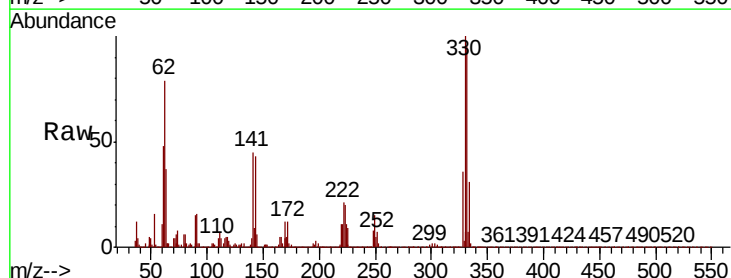
Instrument :
BNA_P
ClientSampleId :

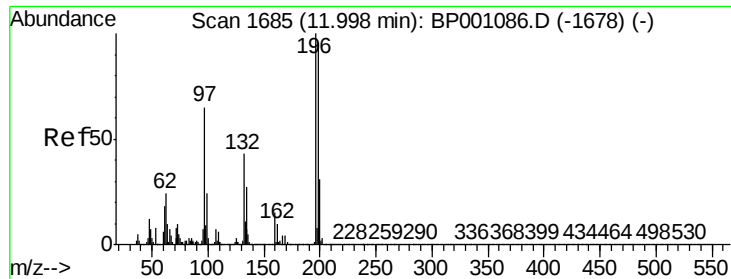
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.8	41.8	81.8
272	12.2	0.0	31.9



#42
2,4,6-Tribromophenol
Concen: 127.578 ng
RT: 14.51 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.6	116.4
141	44.8	34.2	51.2

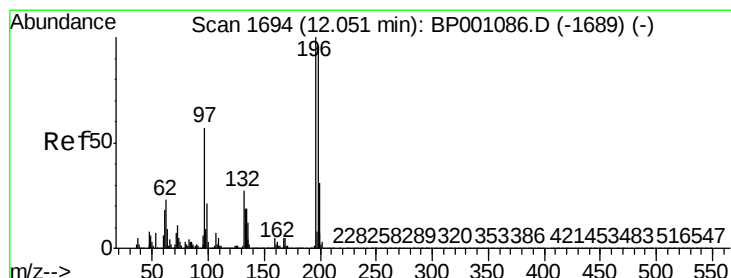
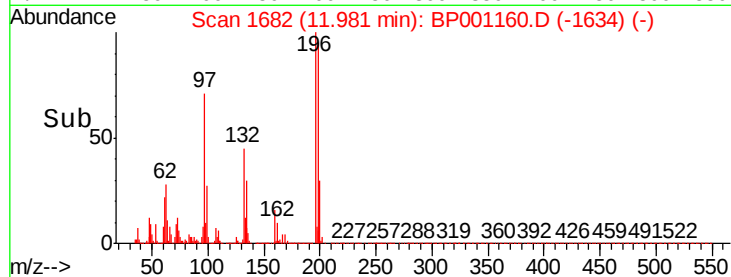
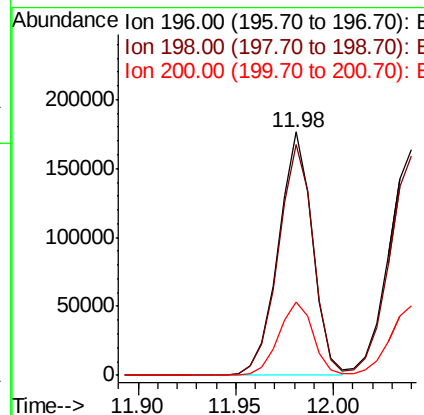
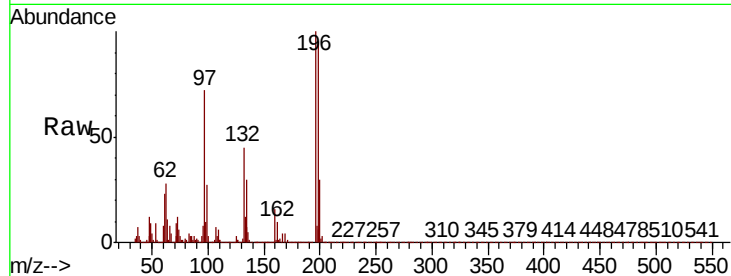




#43
2,4,6-Trichlorophenol
Concen: 42.093 ng
RT: 11.98 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

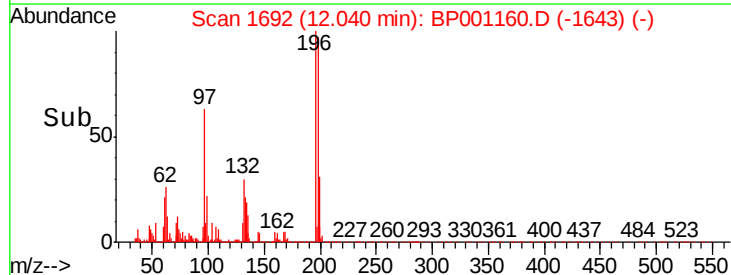
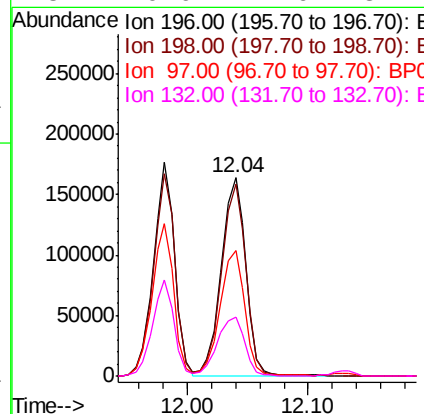
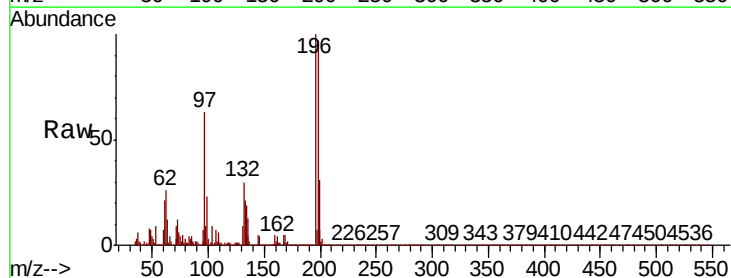
Instrument :
BNA_P
ClientSampleId :

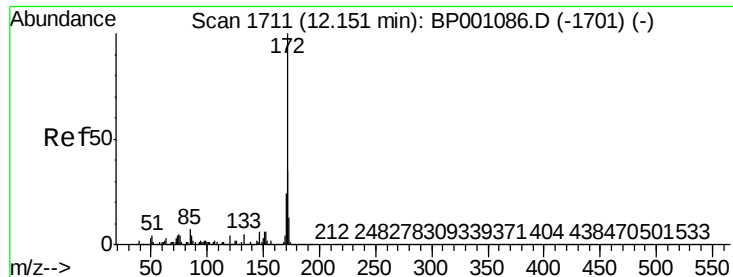
Tot Ion:196 Resp: 213950
Ion Ratio Lower Upper
196 100
198 94.6 76.7 115.1
200 30.4 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 43.535 ng
RT: 12.04 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Tgt Ion:196 Resp: 229273
Ion Ratio Lower Upper
196 100
198 97.1 76.8 115.2
97 63.1 46.1 69.1
132 29.9 21.6 32.4

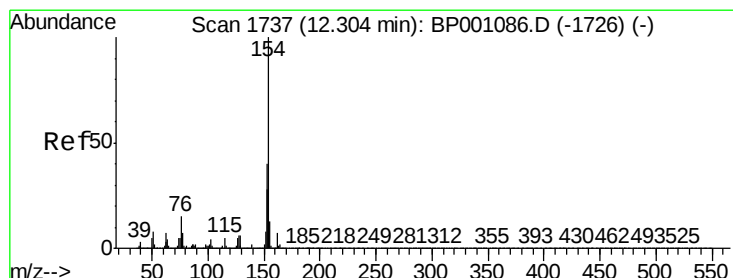
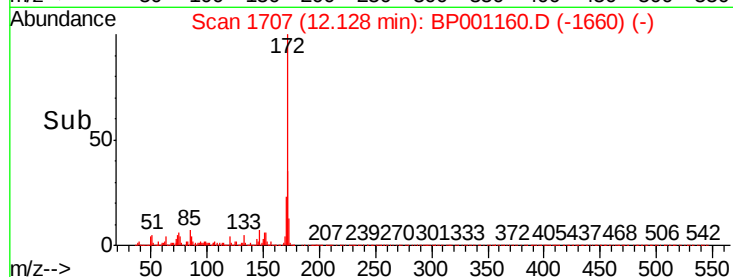
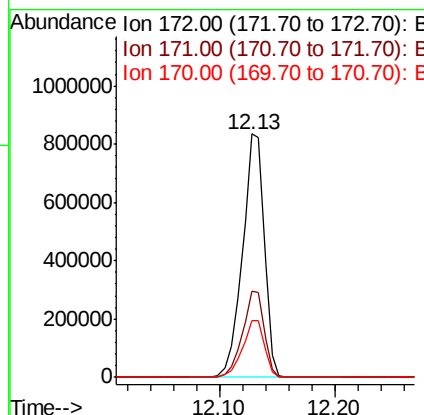
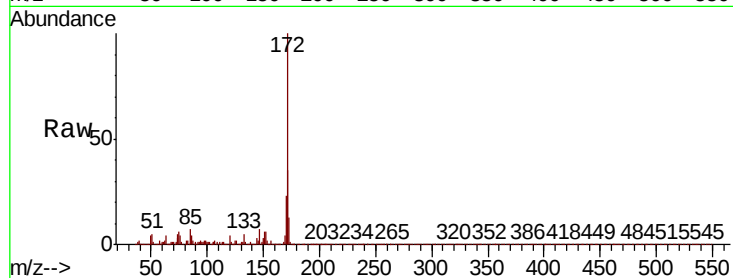




#45
2-Fluorobiphenyl
Concen: 64.220 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

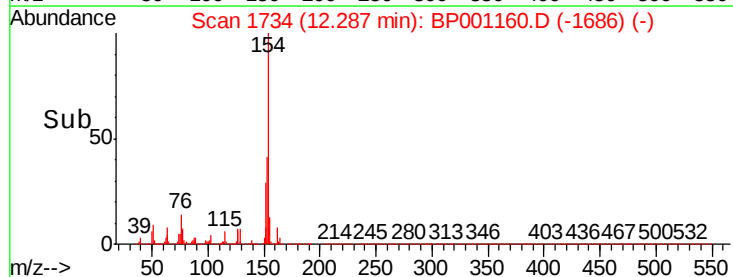
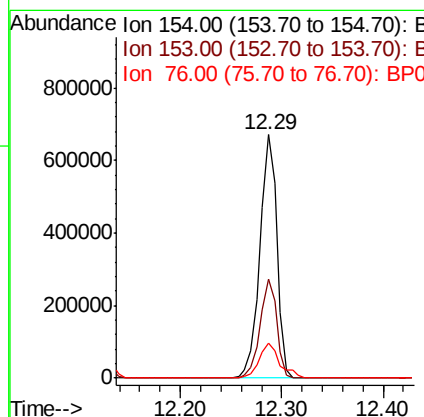
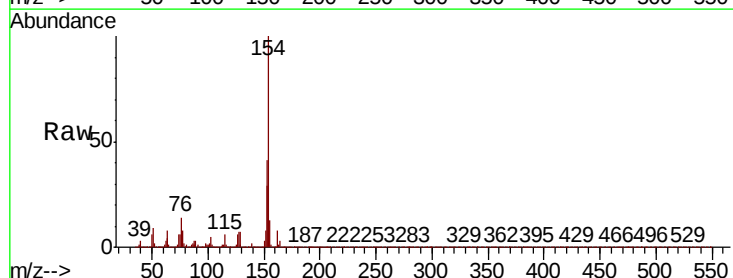
Instrument :
BNA_P
ClientSampleId :

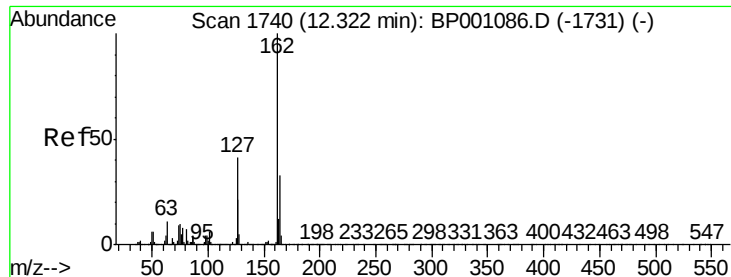
Tot Ion:172 Resp: 1083870
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 40.725 ng
RT: 12.29 min Scan# 1734
Delta R.T. -0.02 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Tgt Ion:154 Resp: 777454
Ion Ratio Lower Upper
154 100
153 40.5 20.2 60.2
76 14.4 0.0 34.5

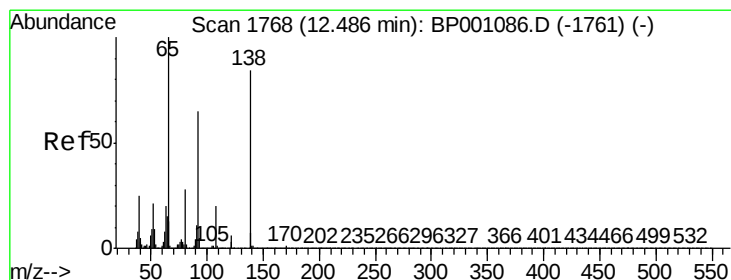
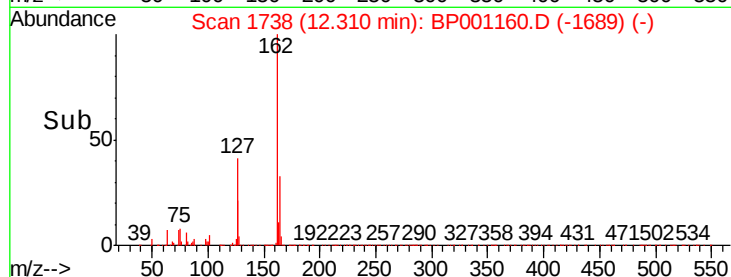
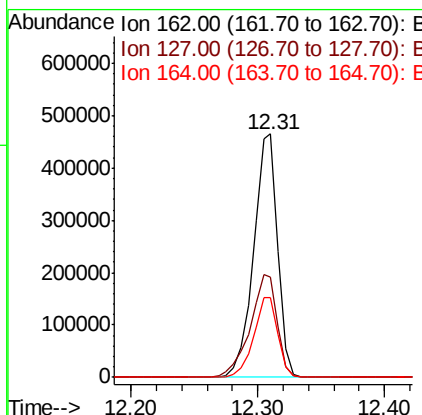
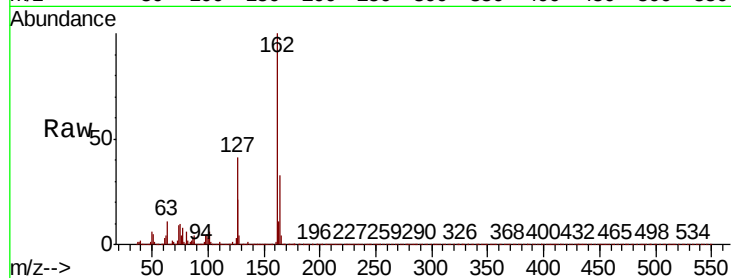




#47
2-Chloronaphthalene
Concen: 40.222 ng
RT: 12.31 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

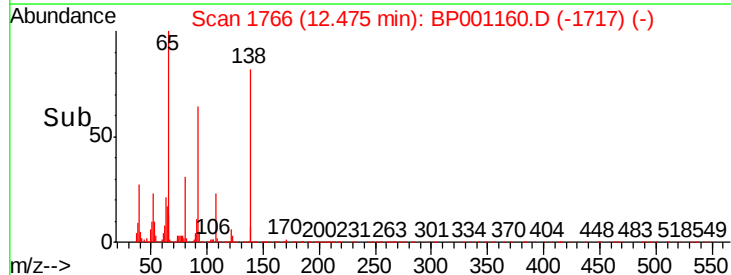
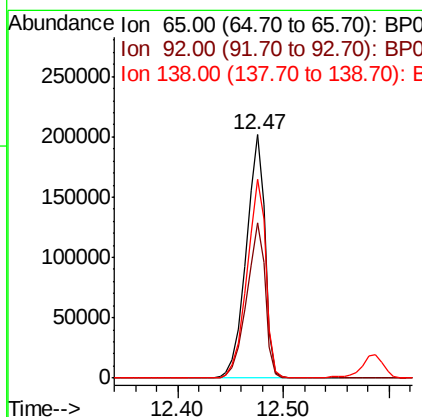
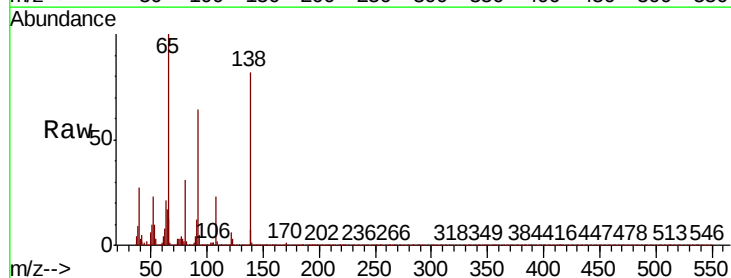
Instrument :
BNA_P
ClientSampleId :

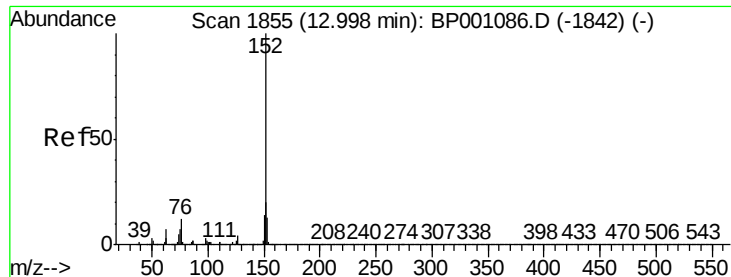
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	33.0	49.6
164	32.9	26.7	40.1



#48
2-Nitroaniline
Concen: 41.522 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.7	51.6	77.4
138	81.5	67.3	100.9





#49

Acenaphthylene

Concen: 42.959 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BP001160.D

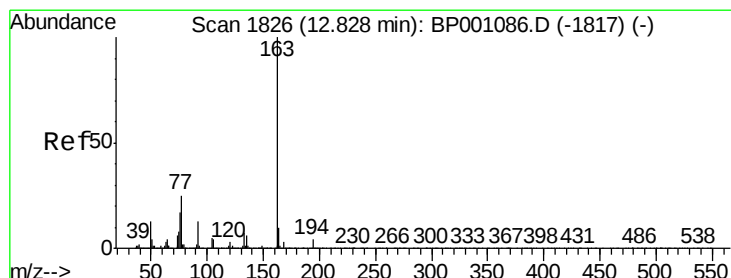
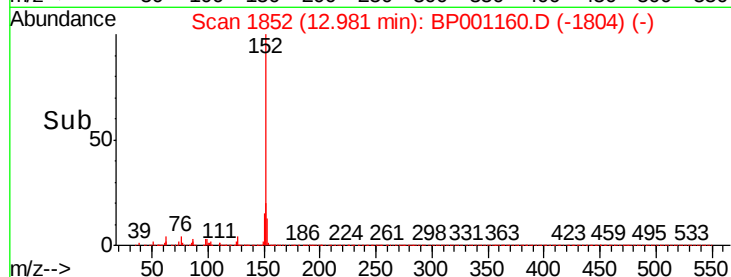
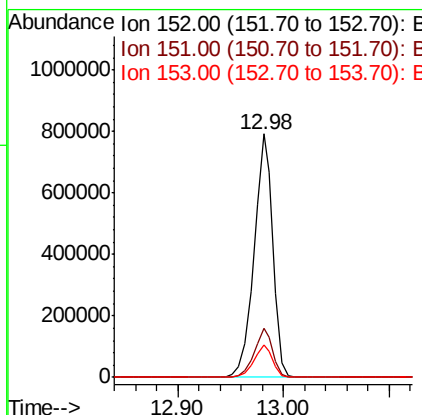
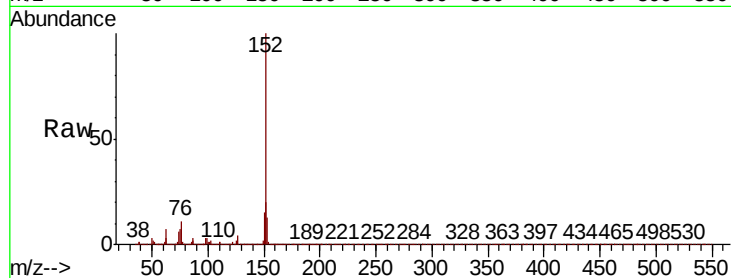
Acq: 03 Dec 2019 17:40

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	152	Resp:	981926
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.1	10.2	15.4



#50

Dimethylphthalate

Concen: 39.948 ng

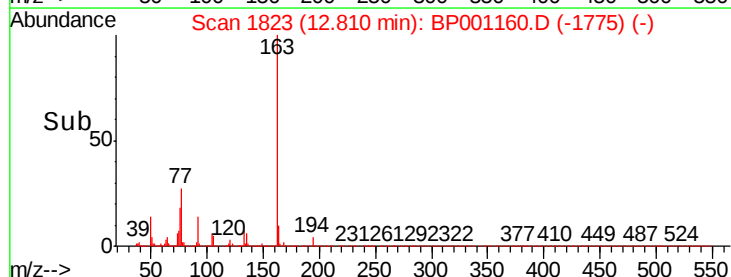
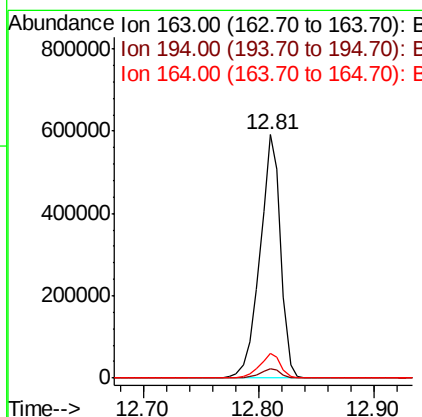
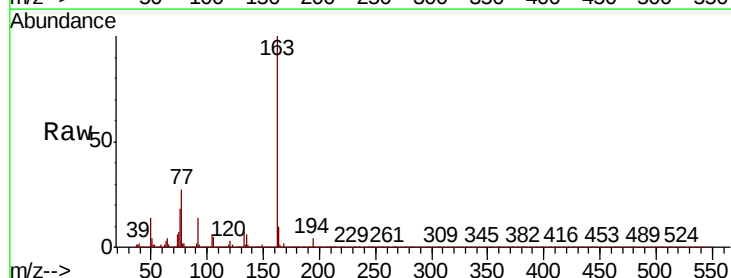
RT: 12.81 min Scan# 1823

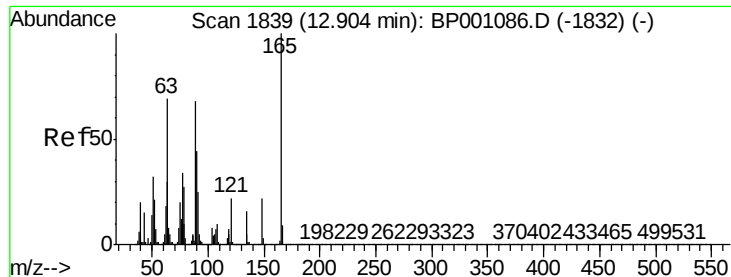
Delta R.T. -0.02 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

Tgt Ion:	163	Resp:	738009
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.2	8.1	12.1

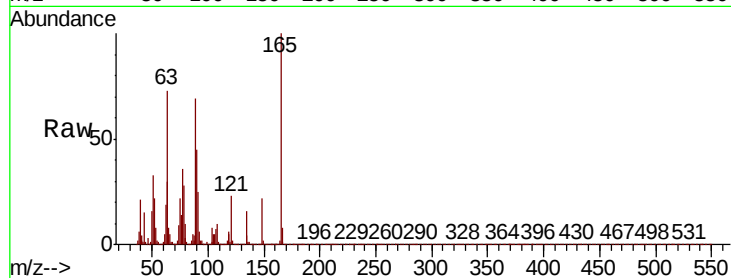




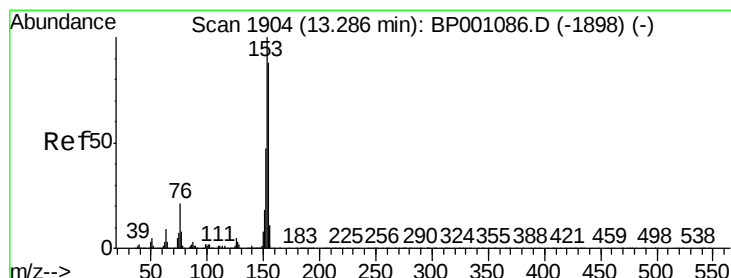
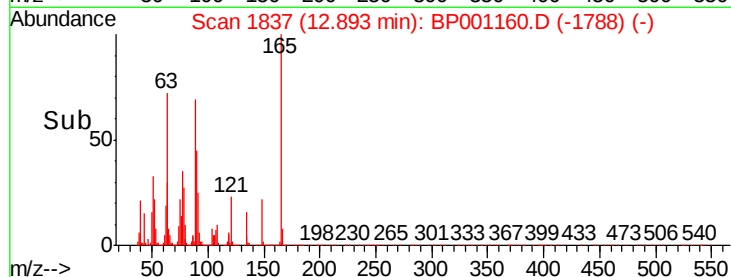
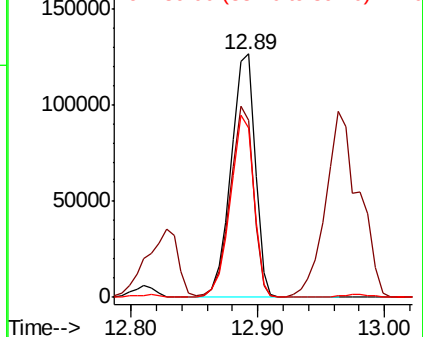
#51
2,6-Dinitrotoluene
Concen: 41.830 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165 Resp: 165427
Ion Ratio Lower Upper
165 100
63 72.6 55.6 83.4
89 69.5 54.1 81.1

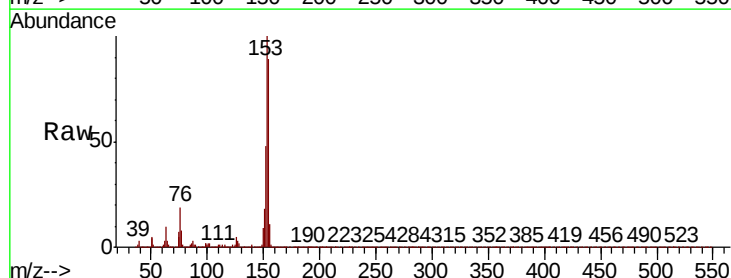


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0

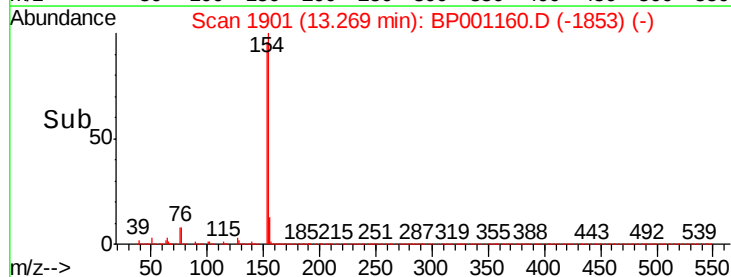
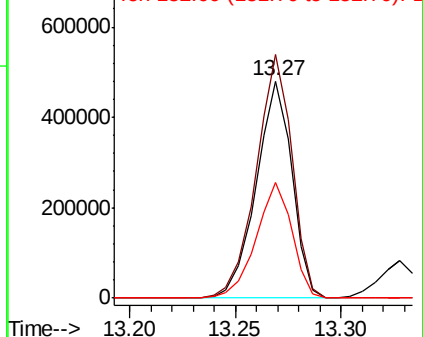


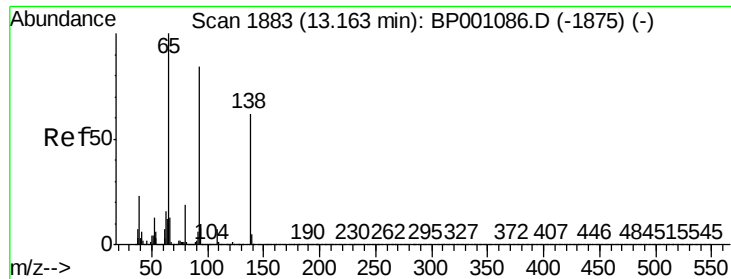
#52
Acenaphthene
Concen: 41.232 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Tgt Ion:154 Resp: 566912
Ion Ratio Lower Upper
154 100
153 112.2 90.5 135.7
152 53.4 42.6 64.0



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

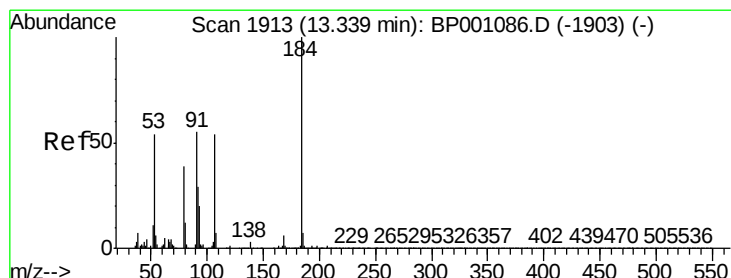
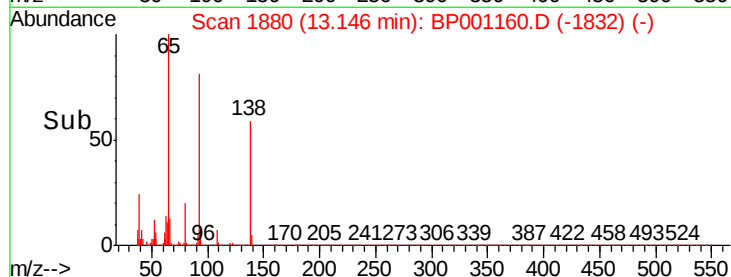
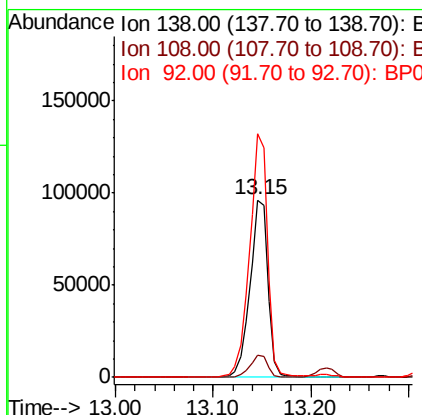
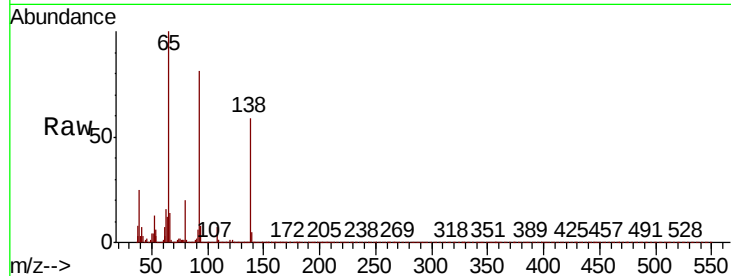




#53
3-Nitroaniline
Concen: 27.959 ng
RT: 13.15 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

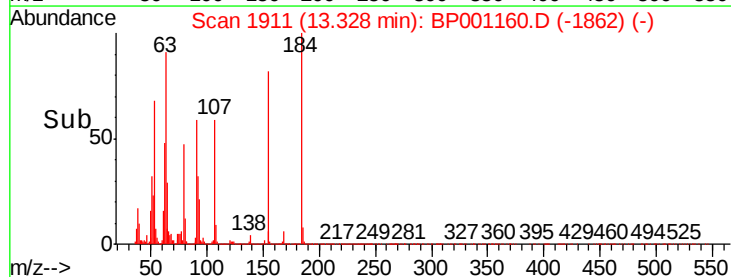
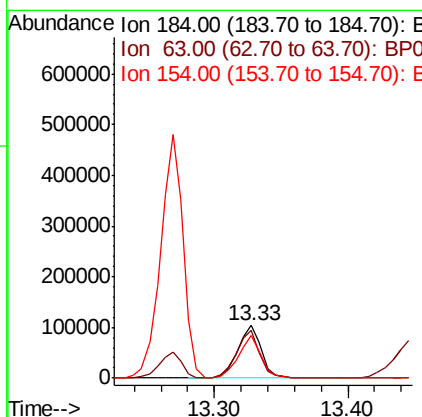
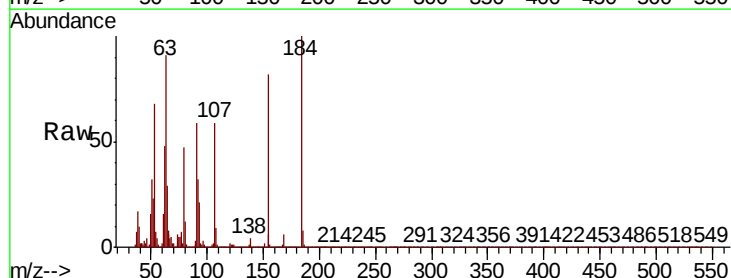
Instrument :
BNA_P
ClientSampleId :

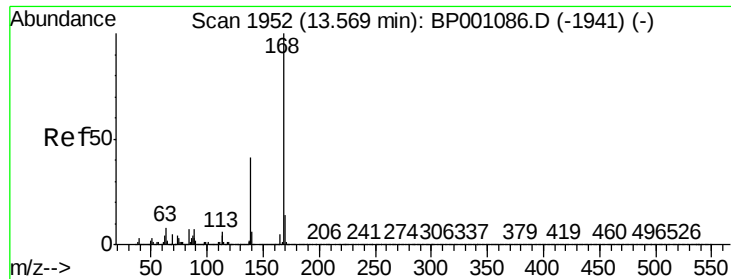
Tot Ion:138 Resp: 124206
Ion Ratio Lower Upper
138 100
108 12.5 9.2 13.8
92 137.5 107.8 161.6



#54
2,4-Dinitrophenol
Concen: 78.602 ng
RT: 13.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Tgt Ion:184 Resp: 126750
Ion Ratio Lower Upper
184 100
63 90.7 60.7 91.1
154 81.6 56.2 84.2

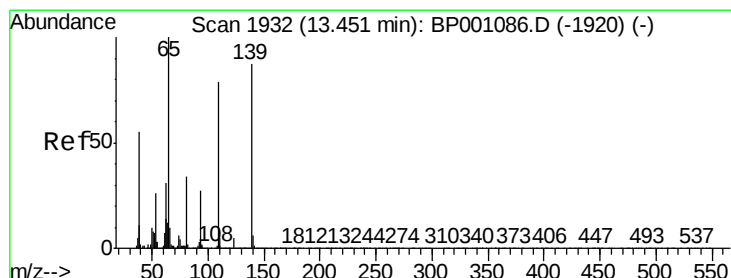
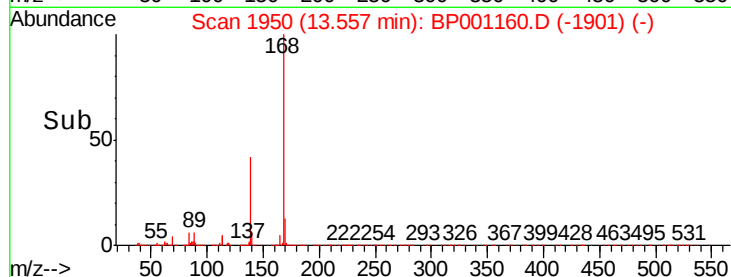
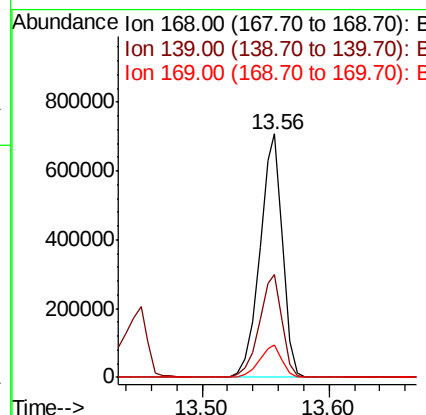
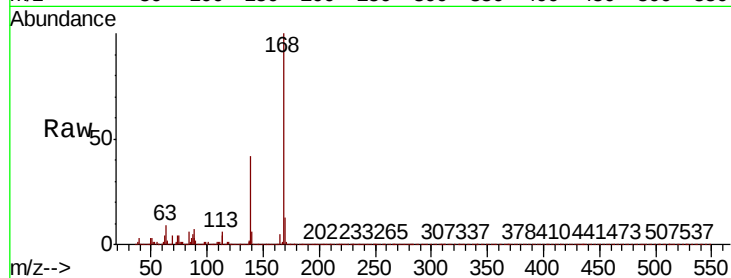




#55
Dibenzofuran
Concen: 42.373 ng
RT: 13.56 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

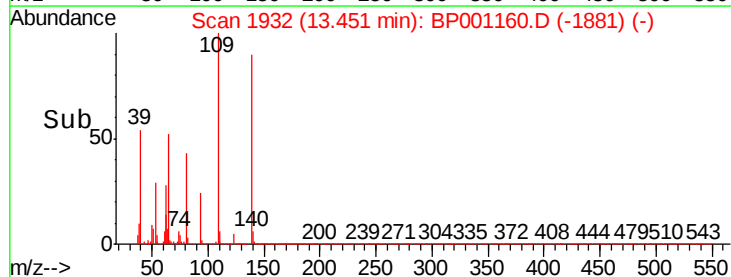
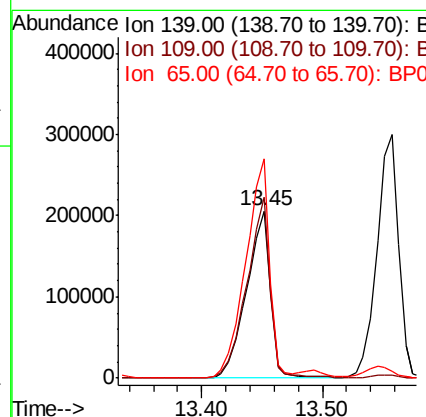
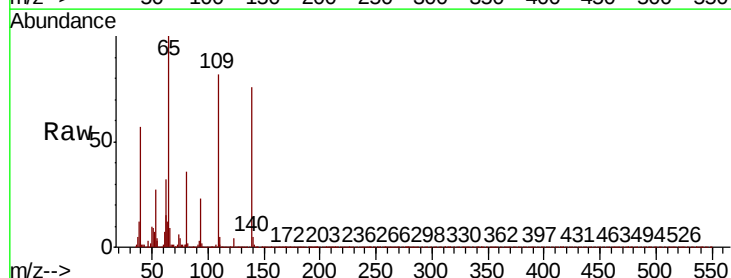
Instrument :
BNA_P
ClientSampleId :

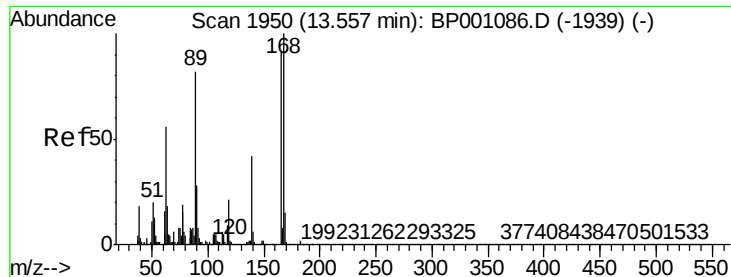
Tot Ion	Ratio	Lower	Upper
168	100		
139	42.4	32.8	49.2
169	13.1	10.9	16.3



#56
4-Nitrophenol
Concen: 90.303 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	108.0	70.9	110.9
65	131.2	95.2	135.2

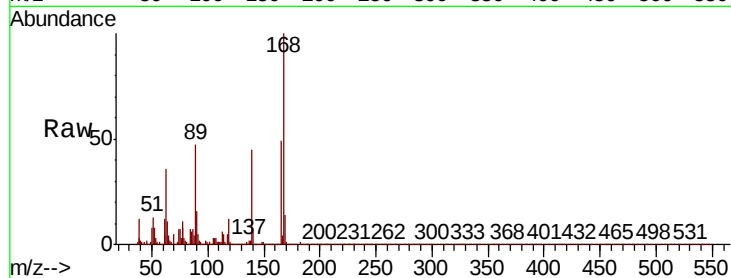




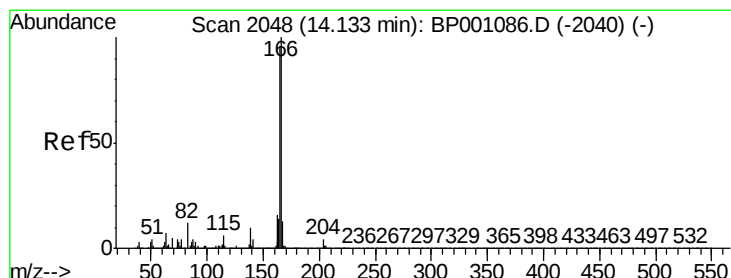
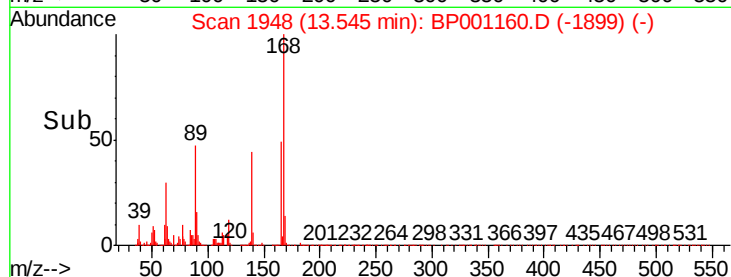
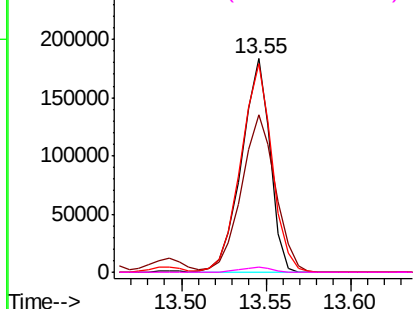
#57
2,4-Dinitrotoluene
Concen: 43.548 ng
RT: 13.55 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165 Resp: 215871
Ion Ratio Lower Upper
165 100
63 73.6 49.4 74.2
89 97.5 72.1 108.1
182 2.6 2.0 3.0

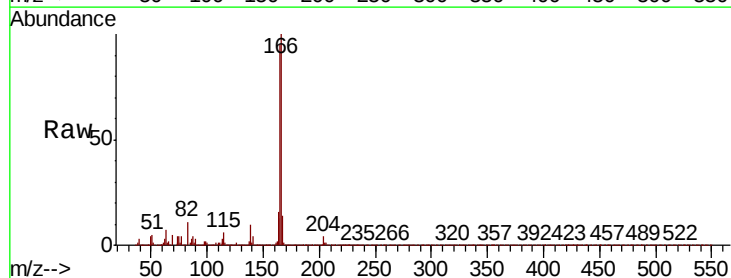


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

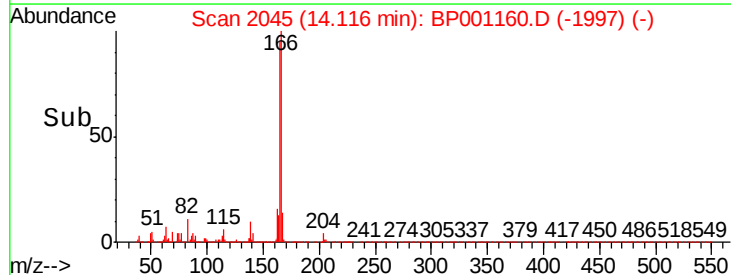
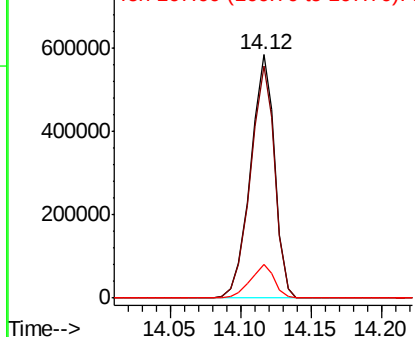


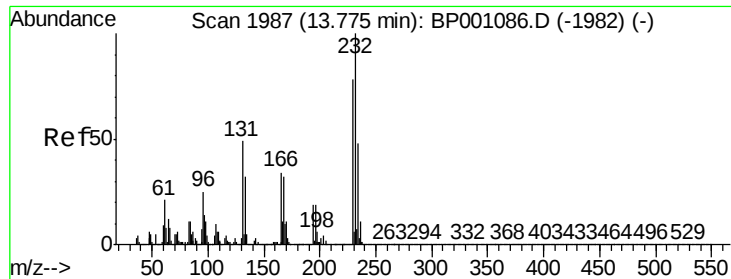
#58
Fluorene
Concen: 42.234 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.02 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Tgt Ion:166 Resp: 699210
Ion Ratio Lower Upper
166 100
165 95.4 76.7 115.1
167 13.6 10.5 15.7



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

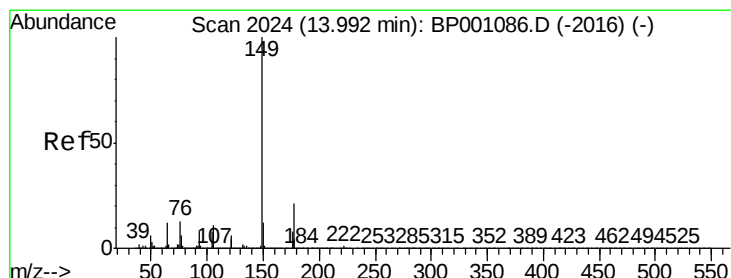
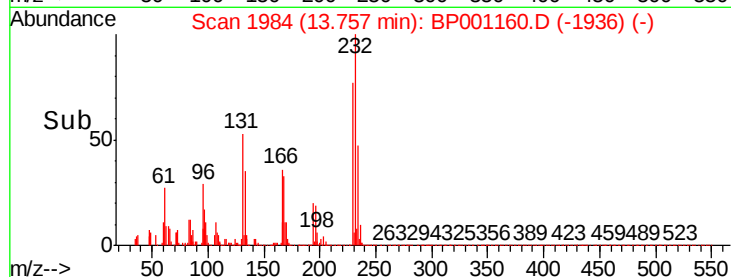
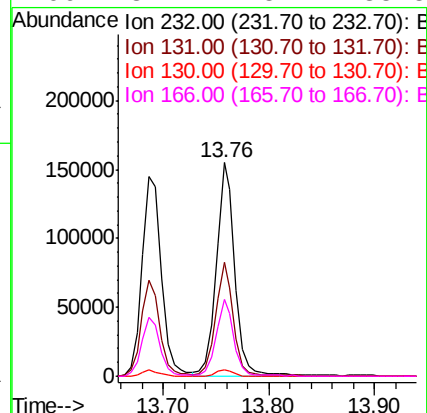
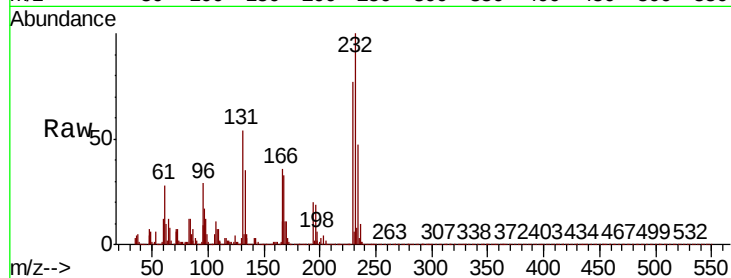




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.183 ng
 RT: 13.76 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BP001160.D
 Acq: 03 Dec 2019 17:40

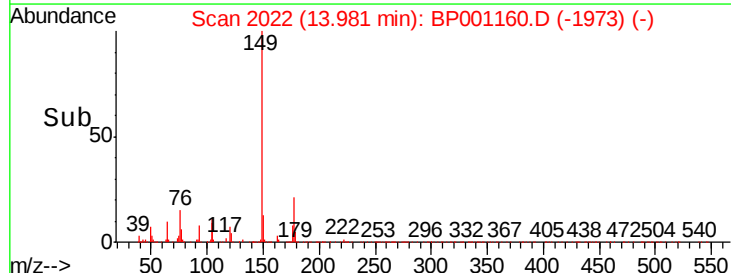
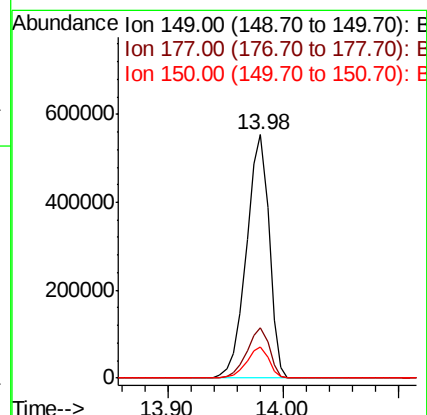
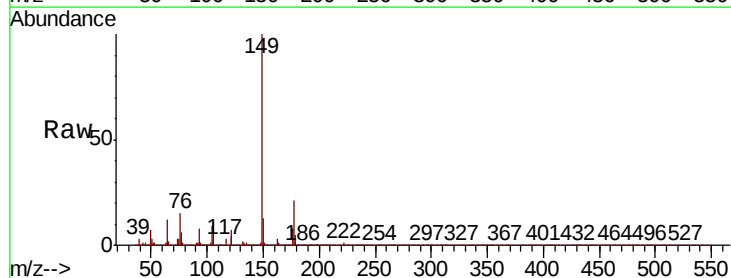
Instrument :
 BNA_P
 ClientSampled :

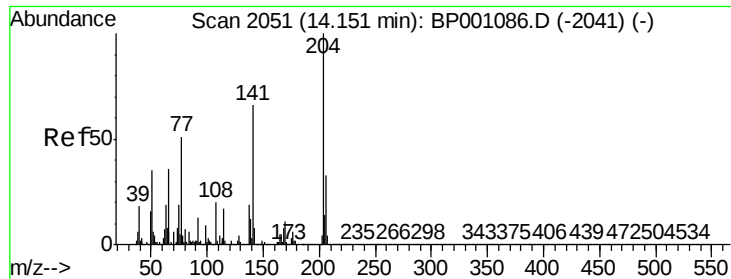
Tot Ion:	232	Resp:	191270
Ion	Ratio	Lower	Upper
232	100		
131	51.3	39.6	59.4
130	2.9	1.9	2.9
166	34.4	25.7	38.5



#60
 Diethylphthalate
 Concen: 39.460 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BP001160.D
 Acq: 03 Dec 2019 17:40

Tgt Ion:	149	Resp:	754831
Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.0	25.6
150	12.9	9.9	14.9

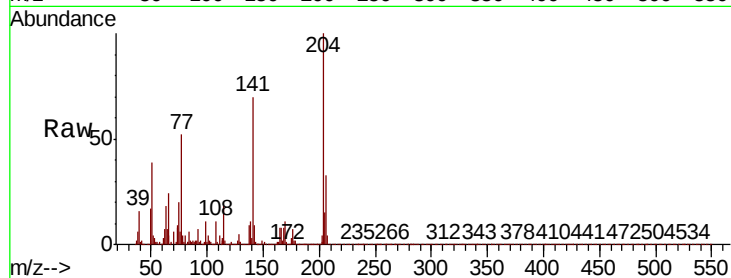




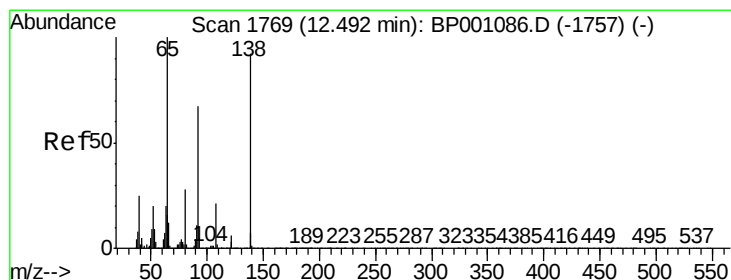
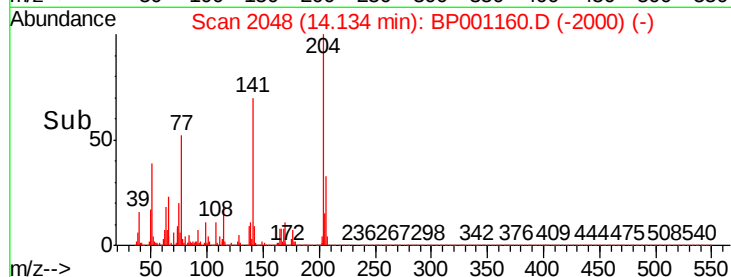
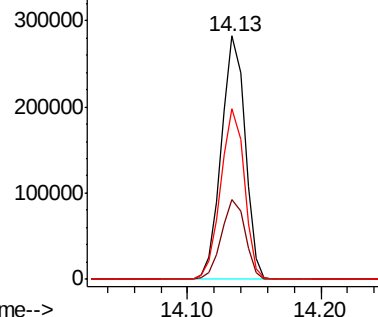
#61
4-Chlorophenyl-phenylether
Concen: 40.729 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Instrument :
BNA_P
ClientSampled :

Tot Ion:204 Resp: 343364
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 70.1 52.7 79.1

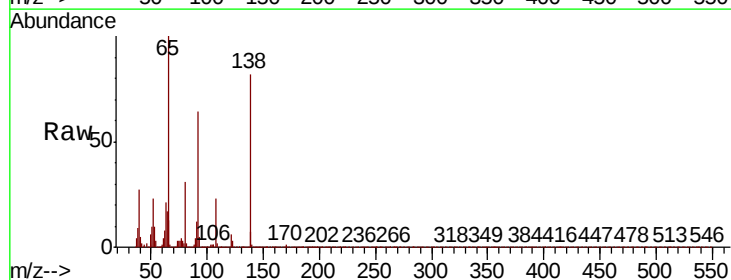


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

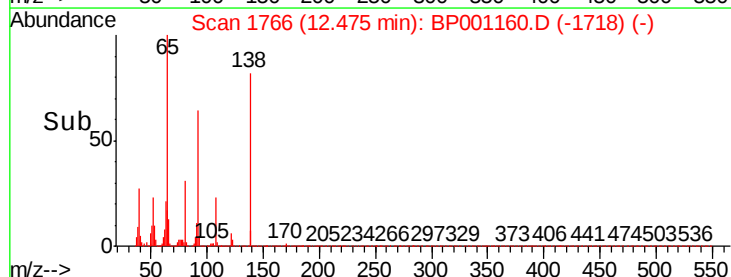
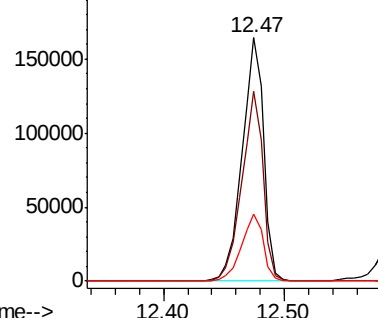


#62
4-Nitroaniline
Concen: 39.708 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Tgt Ion:138 Resp: 204517
Ion Ratio Lower Upper
138 100
92 78.1 53.3 93.3
108 27.8 3.1 43.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BP0
Ion 108.00 (107.70 to 108.70): E

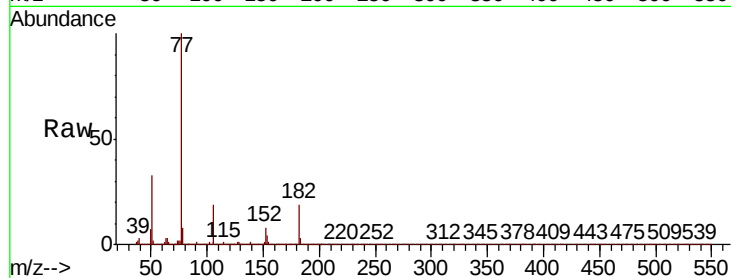




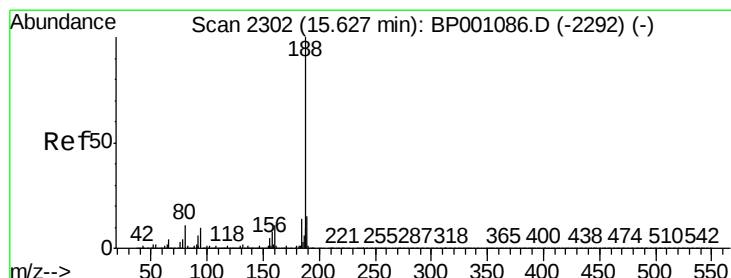
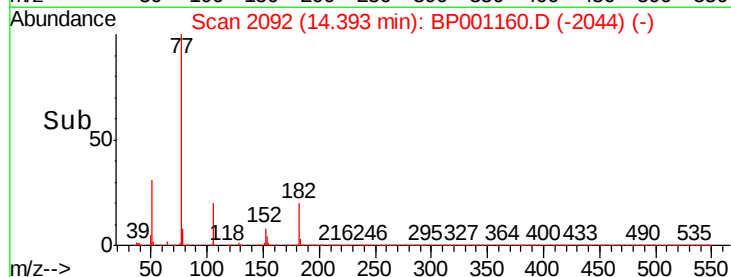
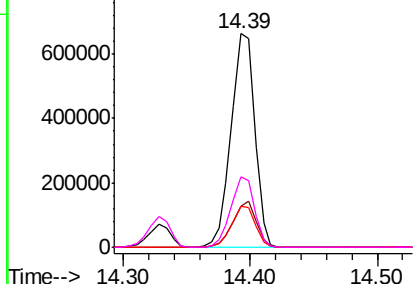
#63
Azobenzene
Concen: 41.300 ng
RT: 14.39 min Scan# 2092
Delta R.T. -0.02 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Instrument :
BNA_P
ClientSampled :

Tot Ion:	77	Resp:	853952
Ion	Ratio	Lower	Upper
77	100		
182	19.5	0.8	40.8
105	19.4	0.3	40.3
51	32.9	9.6	49.6

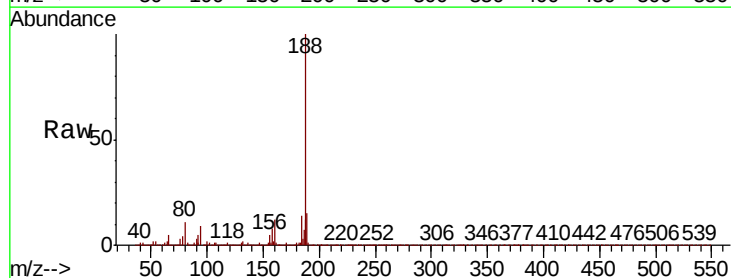


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

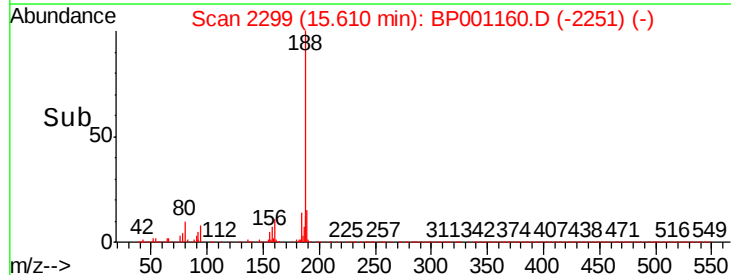
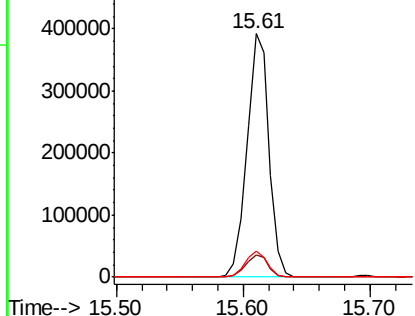


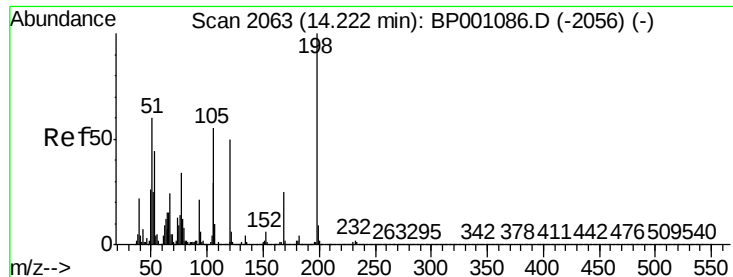
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Tgt Ion:	188	Resp:	469960
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.9	11.9
80	10.7	8.8	13.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0





#65

4,6-Dinitro-2-methylphenol

Concen: 45.142 ng

RT: 14.21 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

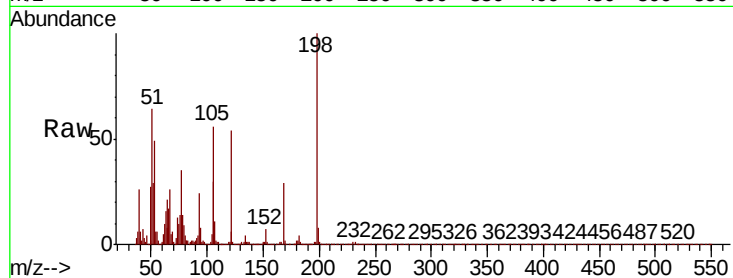
Instrument :

BNA_P

ClientSampled :

Tot Ion:198 Resp: 90120

Ion	Ratio	Lower	Upper
198	100		
51	64.2	40.5	80.5
105	55.8	35.7	75.7

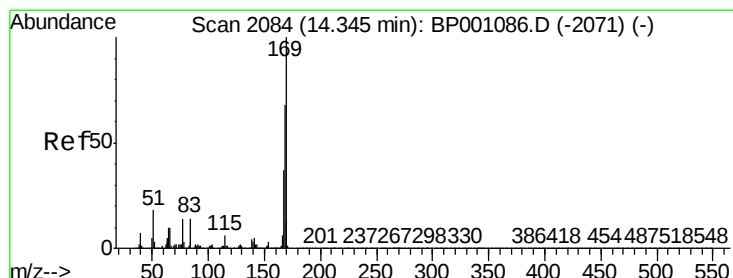
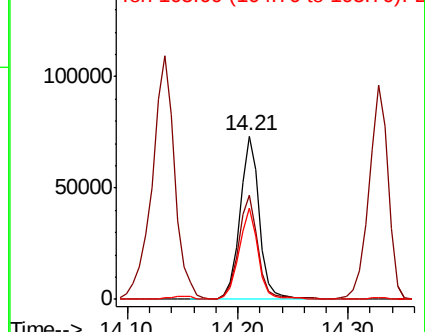
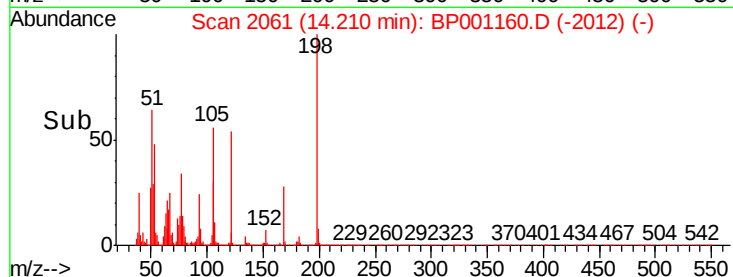


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.138 ng

RT: 14.33 min Scan# 2081

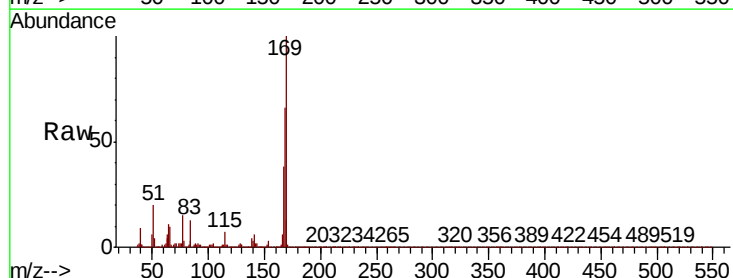
Delta R.T. -0.02 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

Tgt Ion:169 Resp: 601703

Ion	Ratio	Lower	Upper
169	100		
168	66.3	54.1	81.1
167	37.5	29.5	44.3

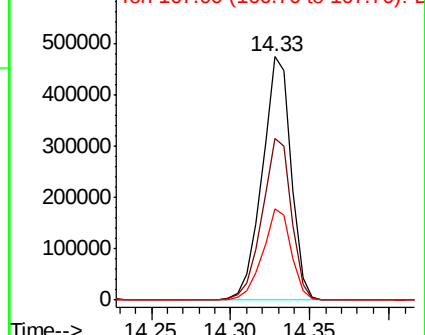
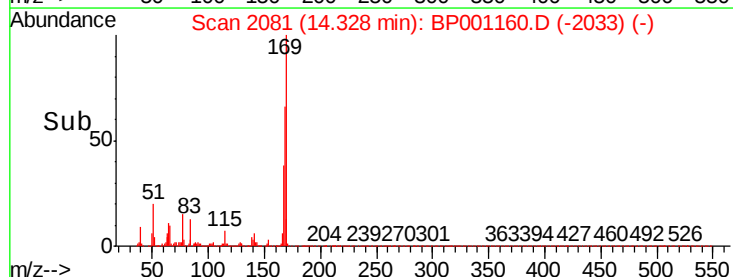


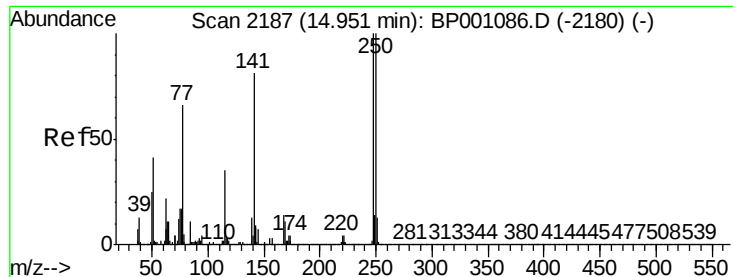
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

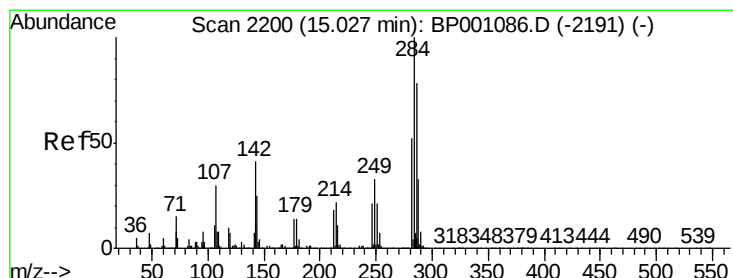
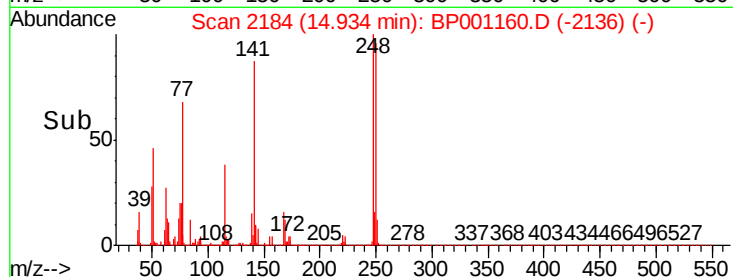
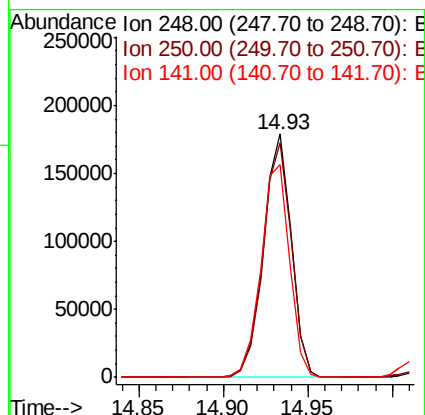
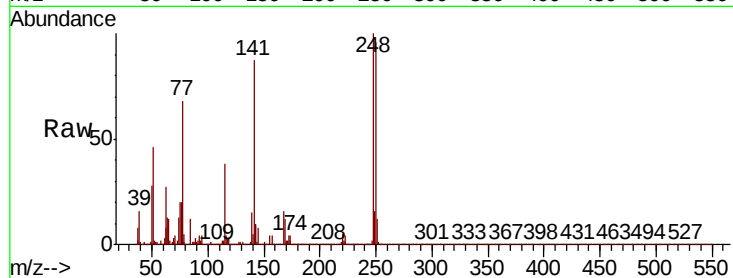




#67
4-Bromophenyl-phenylether
Concen: 39.997 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

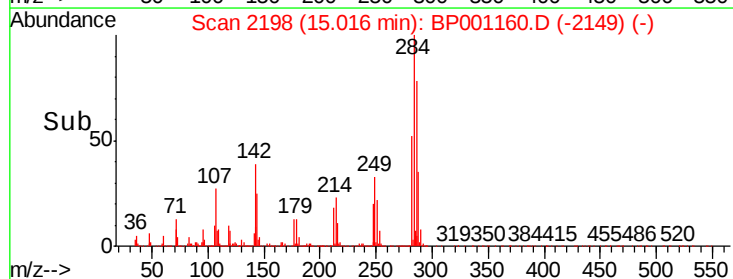
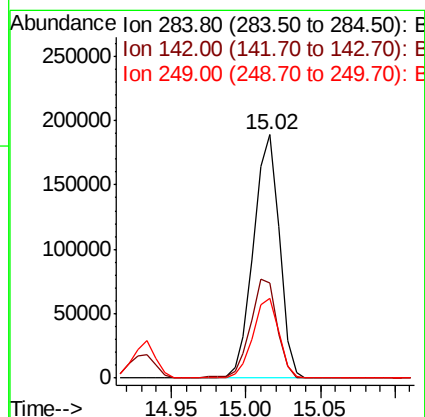
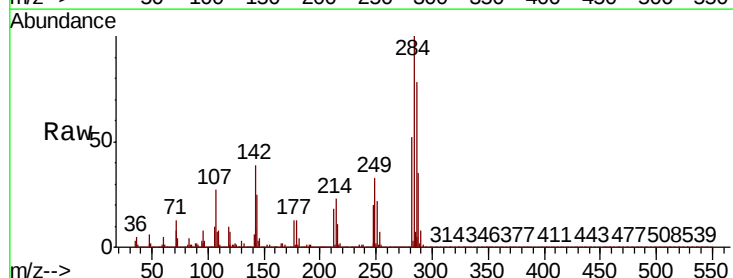
Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	80.3	120.5
141	87.3	64.9	97.3



#68
Hexachlorobenzene
Concen: 40.107 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.9	33.2	49.8
249	33.0	26.2	39.4

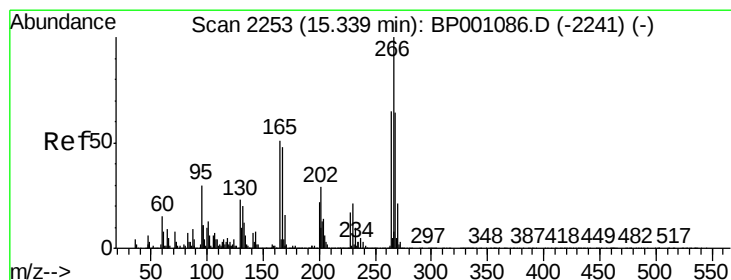
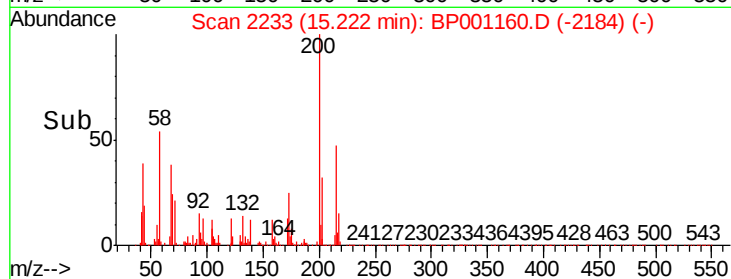
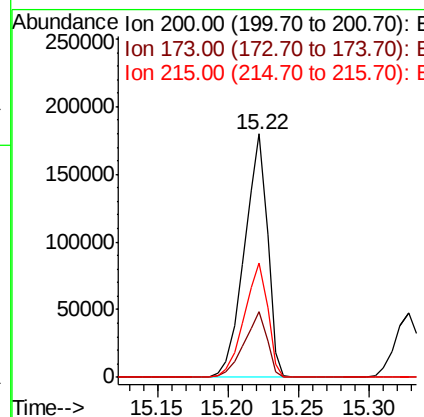
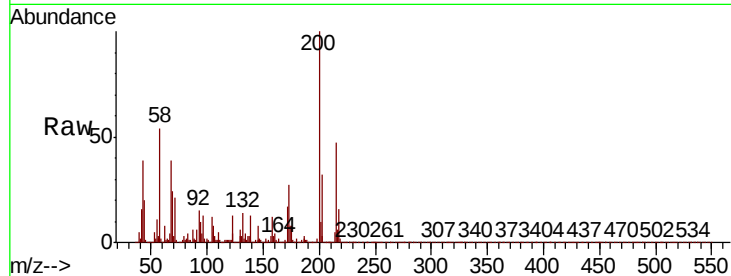




#69
Atrazine
Concen: 47.221 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

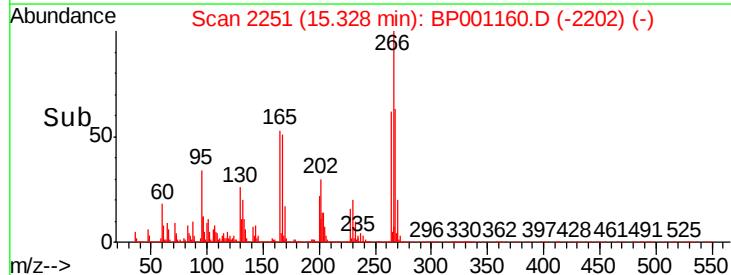
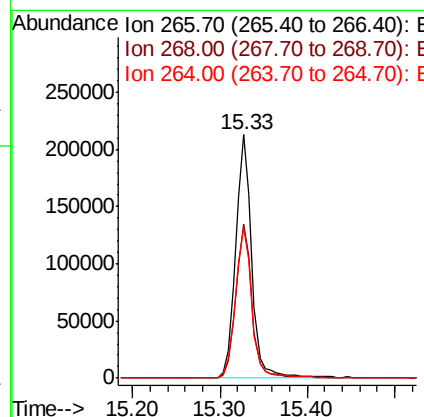
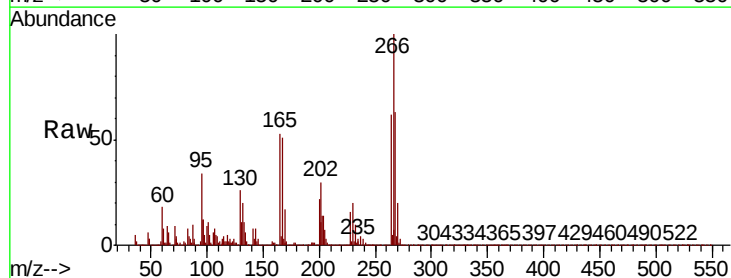
Instrument :
BNA_P
ClientSampleId :

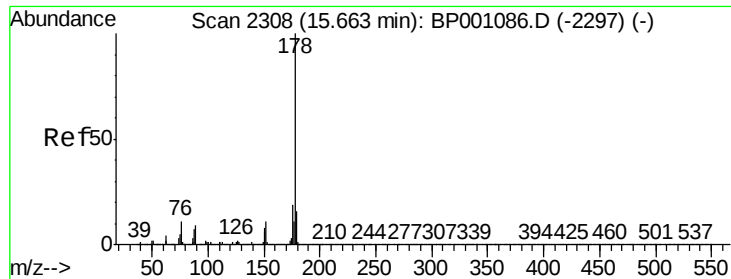
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.7	46.7
215	46.8	27.9	67.9



#70
Pentachlorophenol
Concen: 92.583 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.6	77.4
264	61.7	52.2	78.4

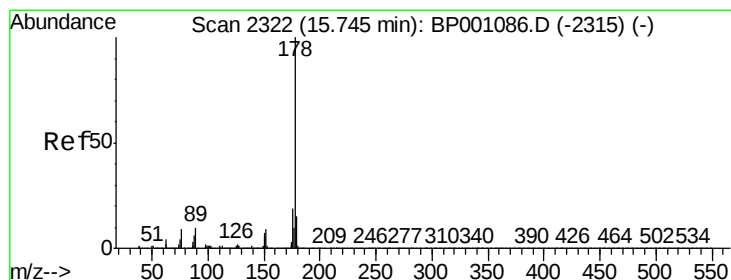
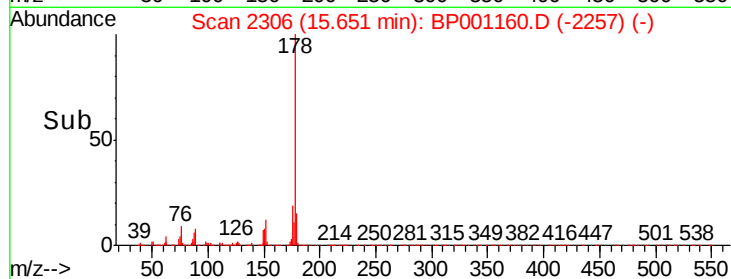
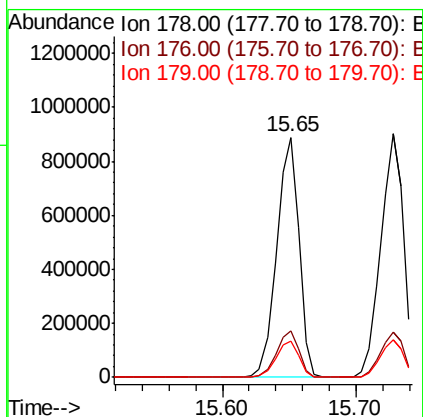
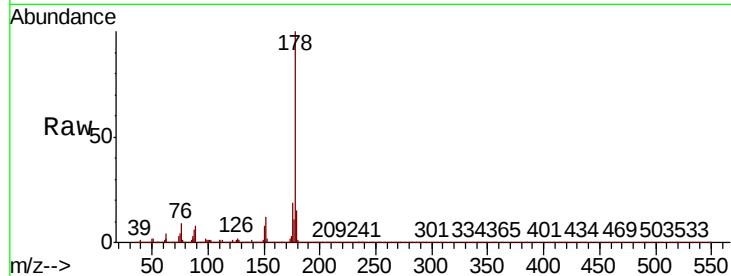




#71
Phenanthrene
Concen: 42.203 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

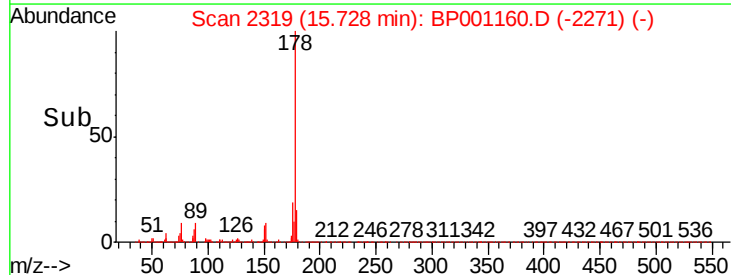
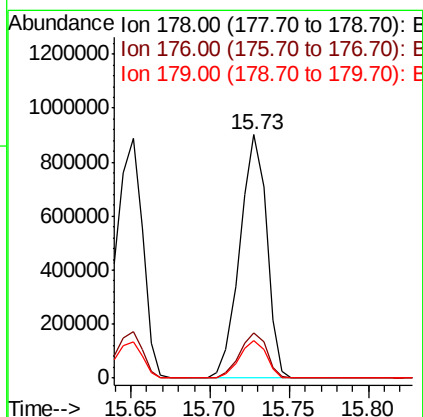
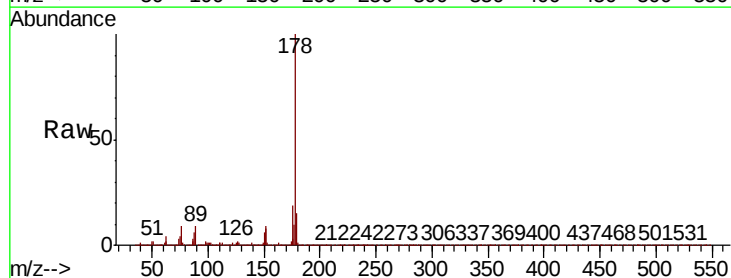
Instrument :
BNA_P
ClientSampled :

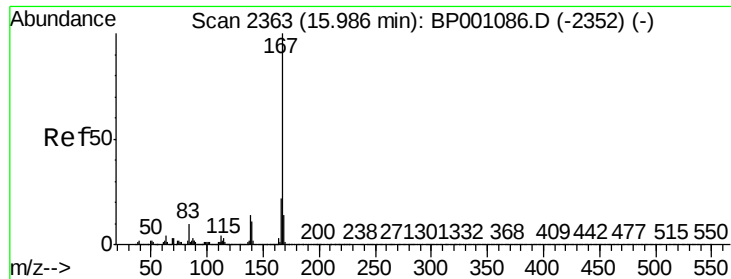
Tot Ion:178 Resp: 1042715
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.1 12.5 18.7



#72
Anthracene
Concen: 43.444 ng
RT: 15.73 min Scan# 2319
Delta R.T. -0.02 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Tgt Ion:178 Resp: 1057973
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.2 12.2 18.4

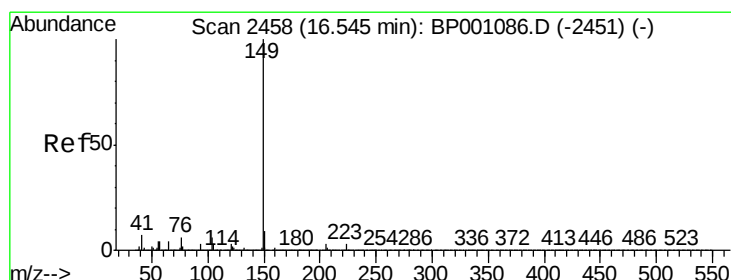
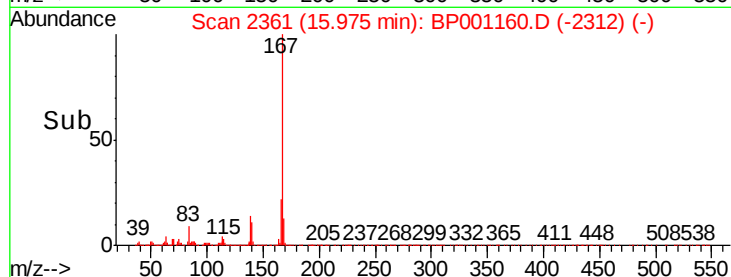
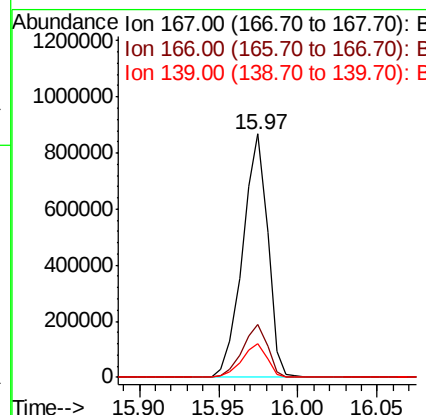
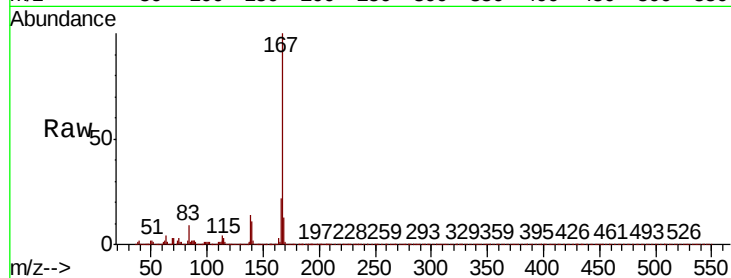




#73
 Carbazole
 Concen: 42.904 ng
 RT: 15.97 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BP001160.D
 Acq: 03 Dec 2019 17:40

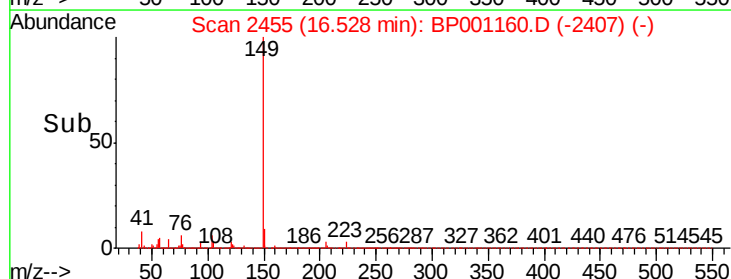
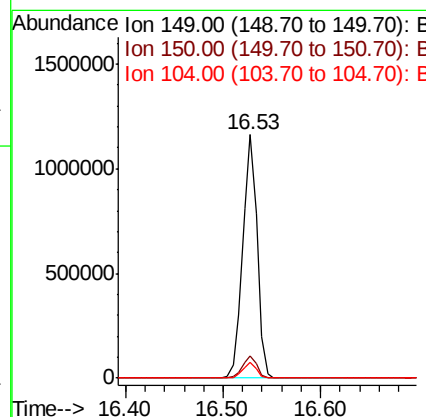
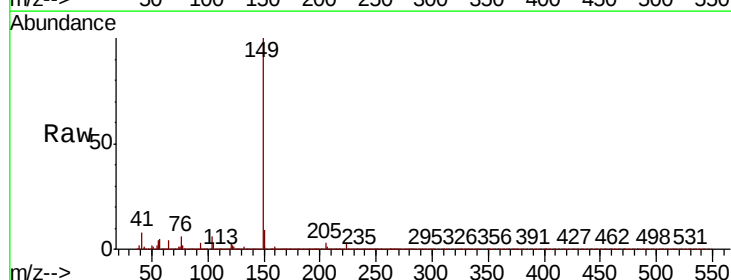
Instrument :
 BNA_P
 ClientSampleId :

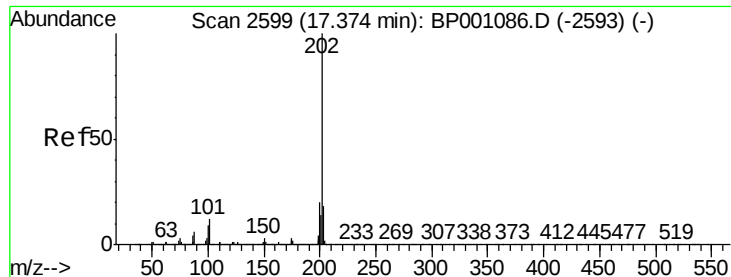
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	14.1	11.3	16.9



#74
 Di-n-butylphthalate
 Concen: 39.835 ng
 RT: 16.53 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BP001160.D
 Acq: 03 Dec 2019 17:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	6.3	4.6	6.8





#75

Fluoranthene

Concen: 44.110 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.01 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

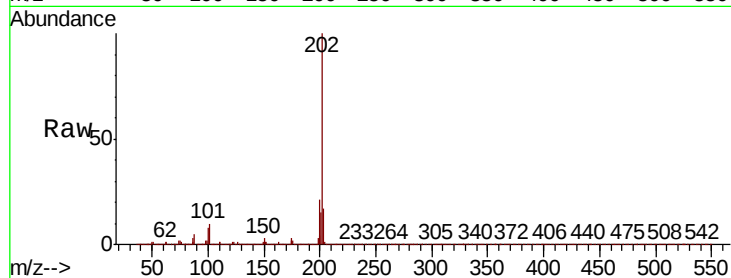
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 1153758

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	32.1
203	17.0	0.0	37.8

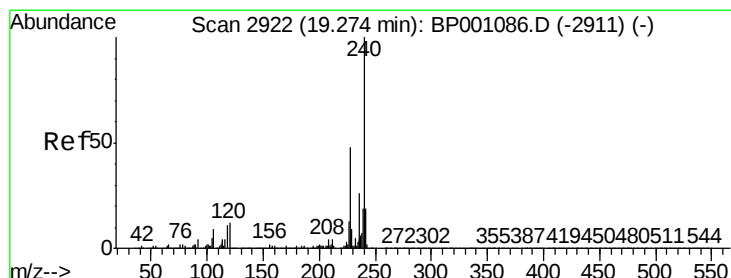
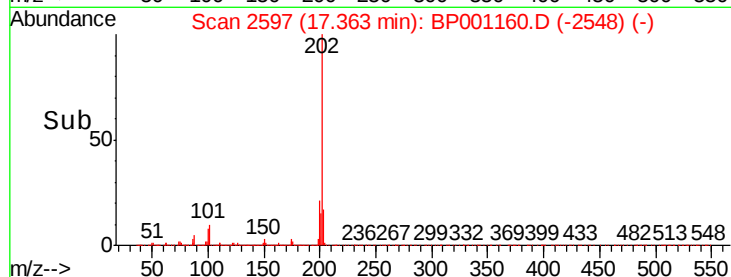
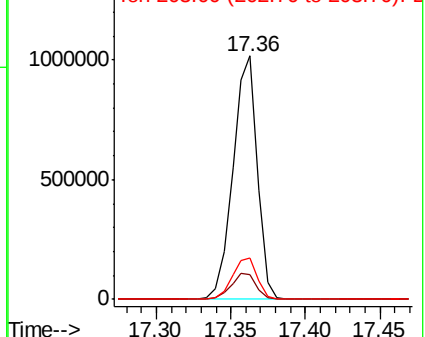


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.26 min Scan# 2919

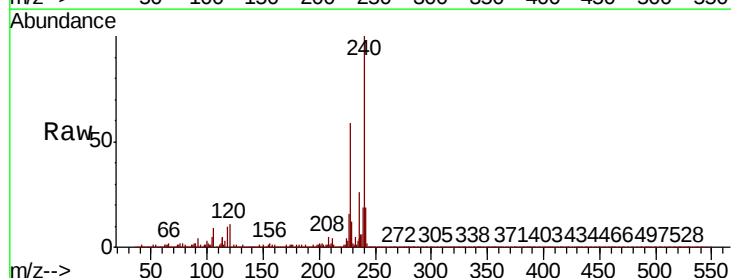
Delta R.T. -0.02 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

Tgt Ion:240 Resp: 371796

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	26.3	20.4	30.6

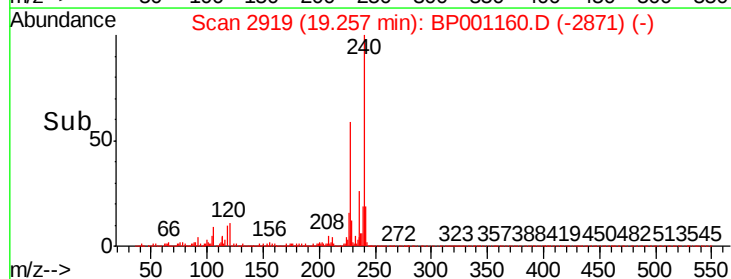
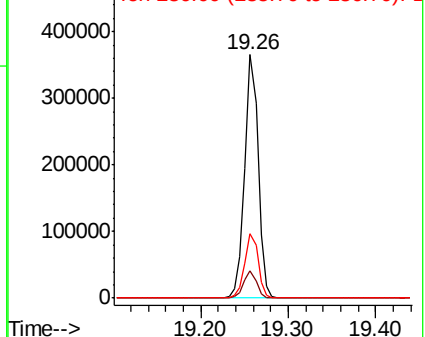


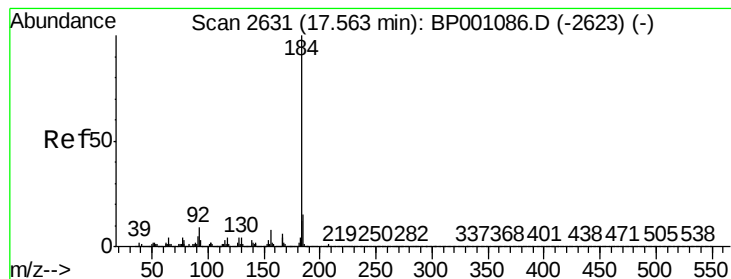
Abundance

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





#77

Benzidine

Concen: 15.089 ng

RT: 17.55 min Scan# 2628

Delta R.T. -0.02 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

Instrument :

BNA_P

ClientSampleId :

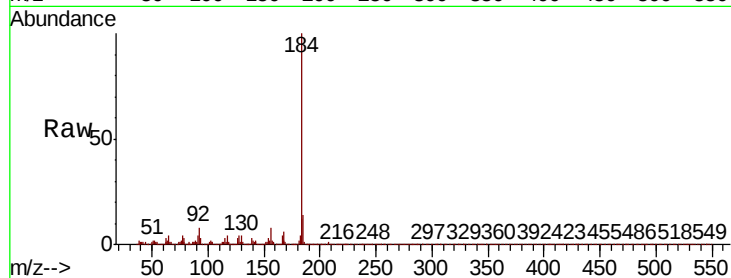
Tot Ion:184 Resp: 144846

Ion Ratio Lower Upper

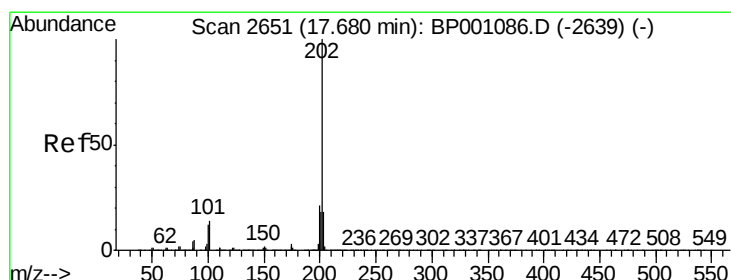
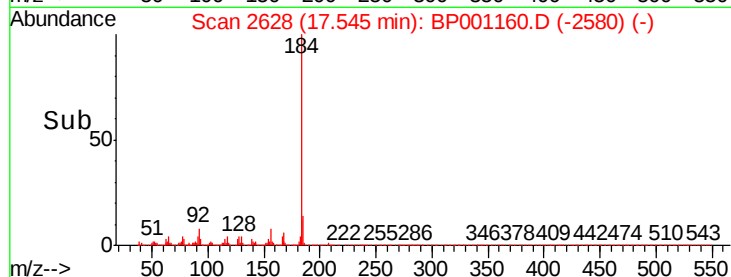
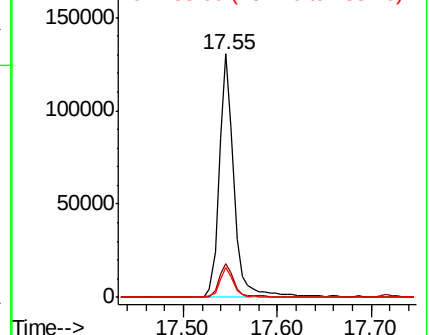
184 100

185 13.7 12.2 18.4

183 12.2 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.416 ng

RT: 17.67 min Scan# 2649

Delta R.T. -0.01 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

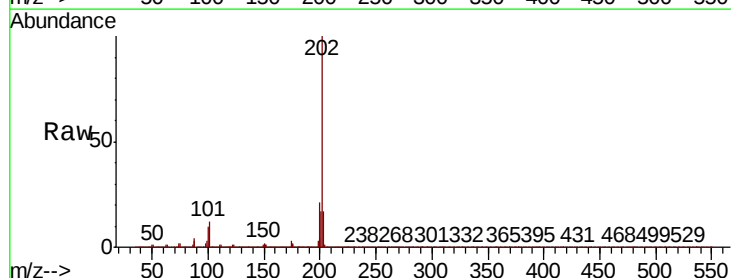
Tgt Ion:202 Resp: 1183513

Ion Ratio Lower Upper

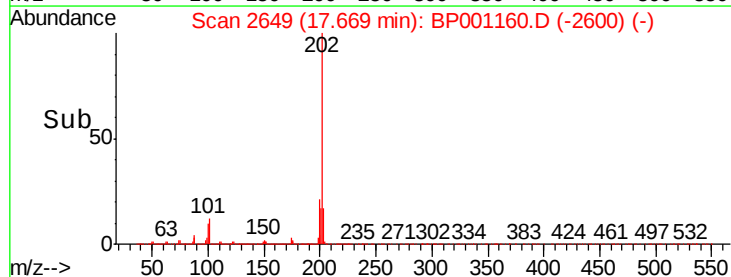
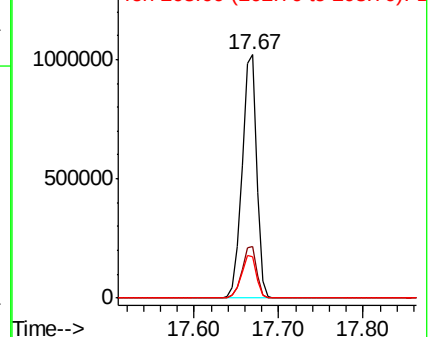
202 100

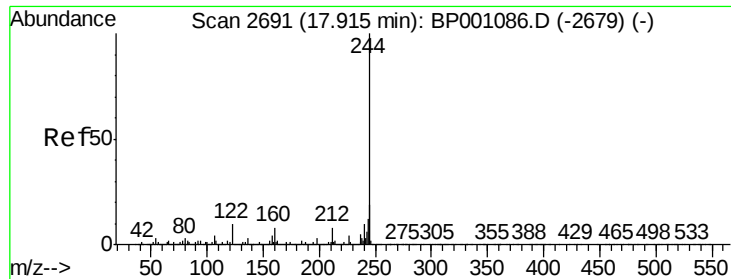
200 21.1 17.0 25.6

203 17.1 14.1 21.1



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: 61.777 ng

RT: 17.89 min Scan# 2687

Delta R.T. -0.02 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

Instrument :

BNA_P

ClientSampled :

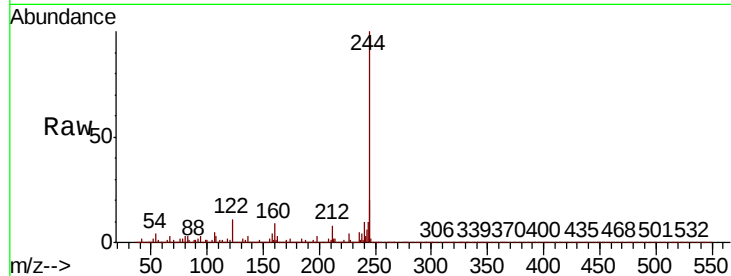
Tot Ion:244 Resp: 1241471

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

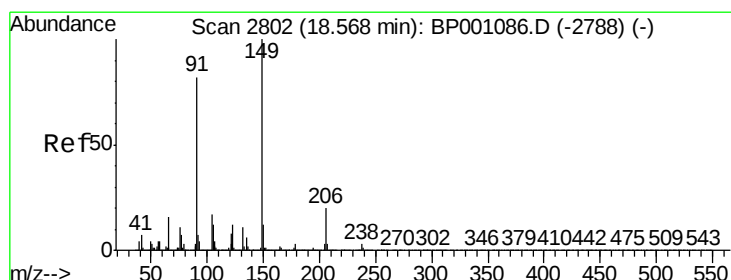
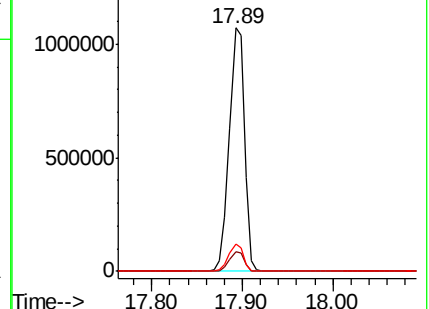
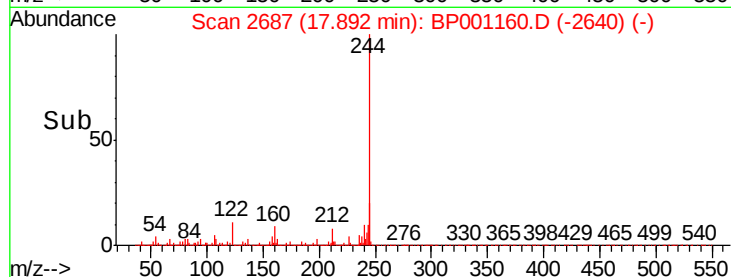
122 11.4 8.2 12.2



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



#80

Butylbenzylphthalate

Concen: 37.872 ng

RT: 18.55 min Scan# 2799

Delta R.T. -0.02 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

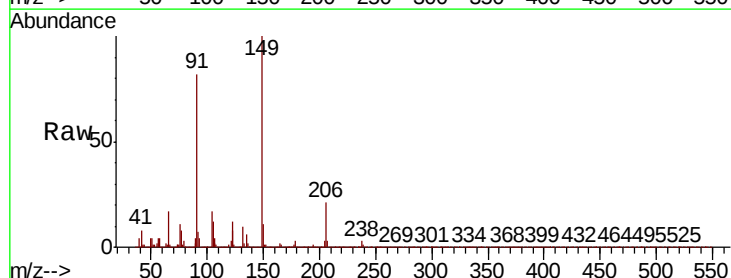
Tgt Ion:149 Resp: 512244

Ion Ratio Lower Upper

149 100

91 82.5 65.4 98.2

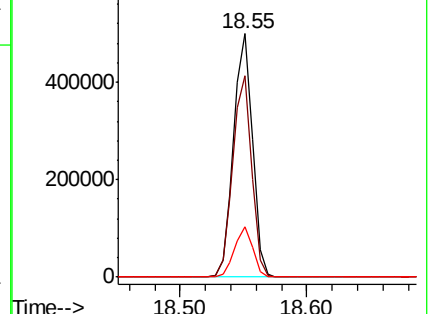
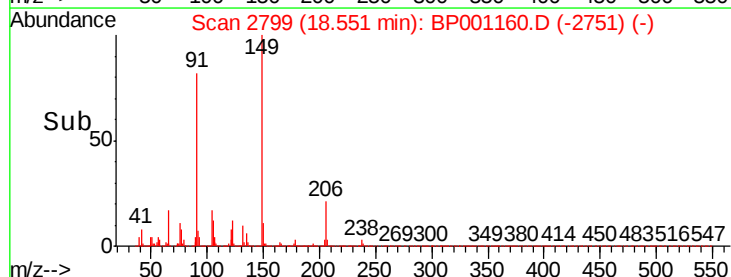
206 20.7 16.0 24.0

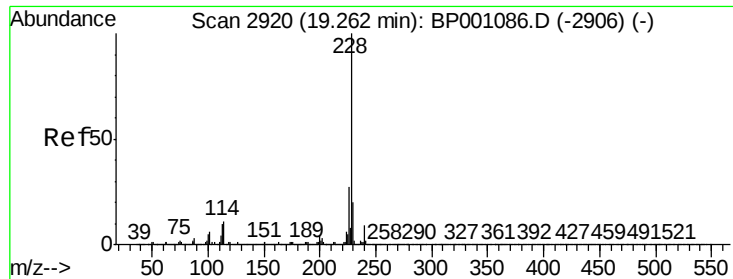


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

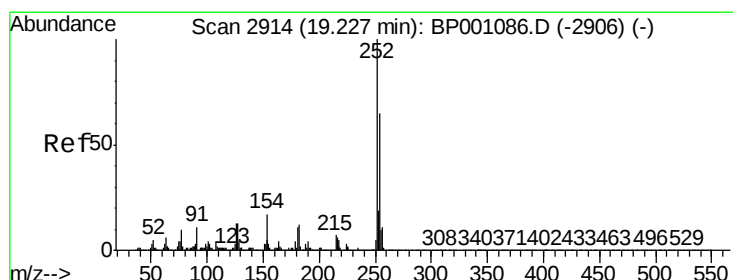
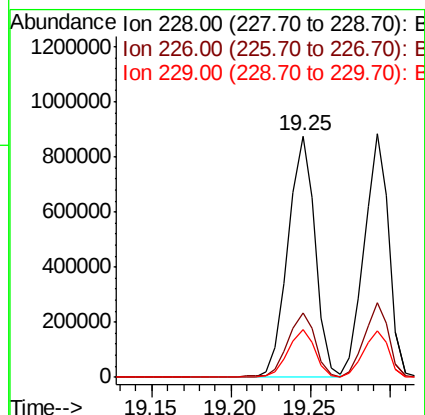
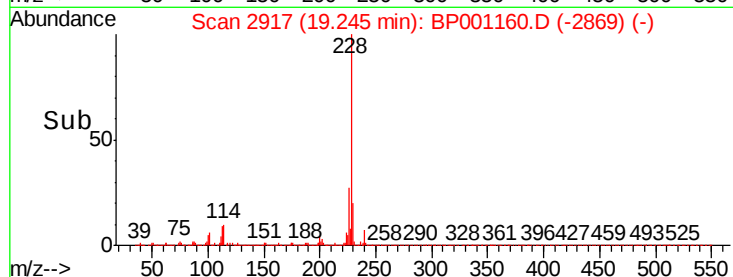
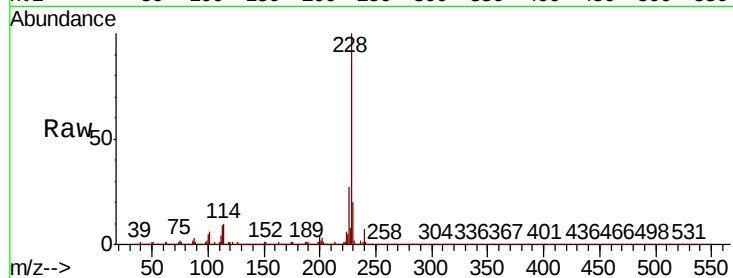




#81
Benzo(a)anthracene
Concen: 40.204 ng
RT: 19.25 min Scan# 2917
Delta R.T. -0.02 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

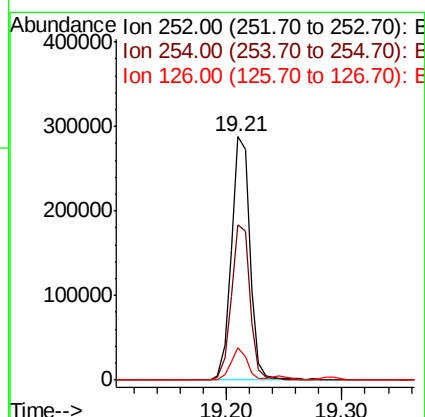
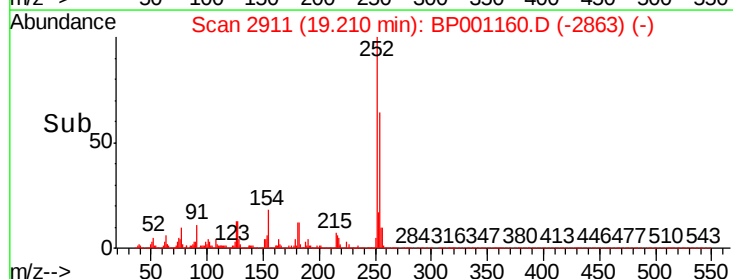
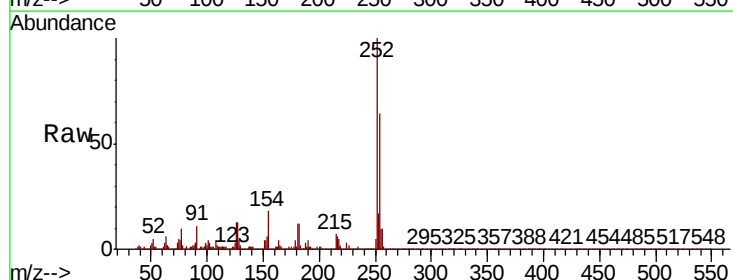
Instrument :
BNA_P
ClientSampleId :

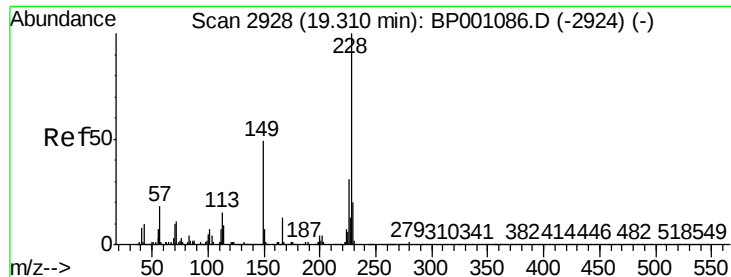
Tot Ion:228 Resp: 1036379
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.6
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 37.631 ng
RT: 19.21 min Scan# 2911
Delta R.T. -0.02 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Tgt Ion:252 Resp: 320467
Ion Ratio Lower Upper
252 100
254 64.0 51.7 77.5
126 13.1 10.2 15.4





#83

Chrysene

Concen: 41.441 ng

RT: 19.29 min Scan# 2925

Delta R.T. -0.02 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

Instrument :

BNA_P

ClientSampled :

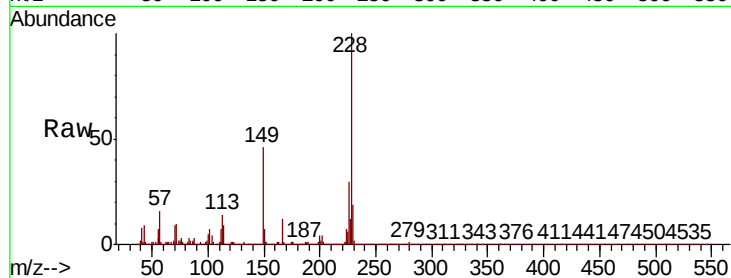
Tot Ion:228 Resp: 956599

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

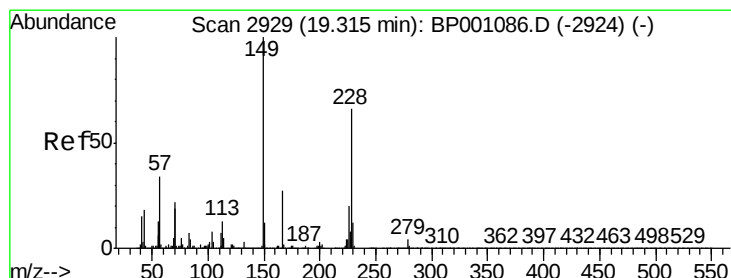
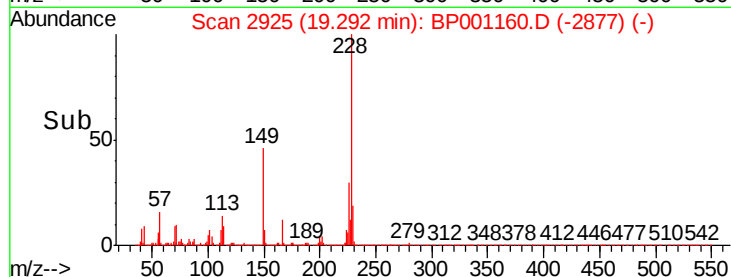
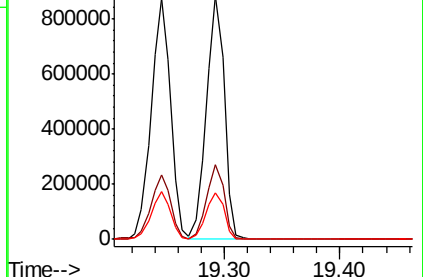
229 19.3 15.7 23.5



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: 36.713 ng

RT: 19.30 min Scan# 2926

Delta R.T. -0.02 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

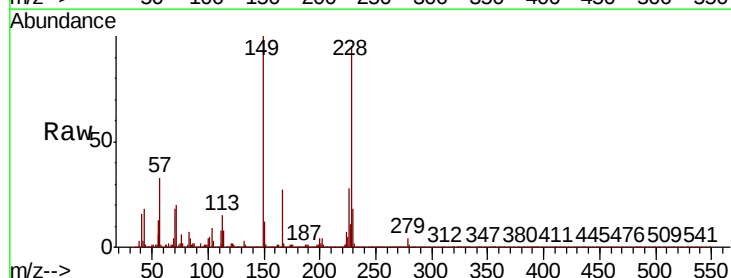
Tgt Ion:149 Resp: 682712

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

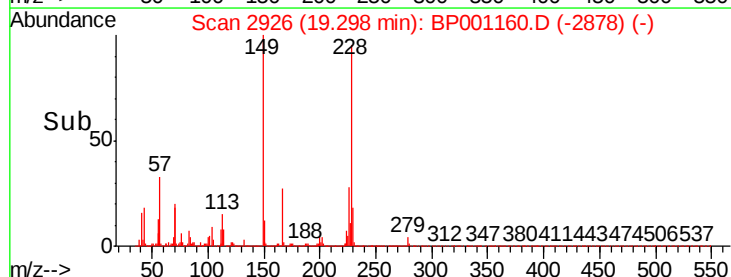
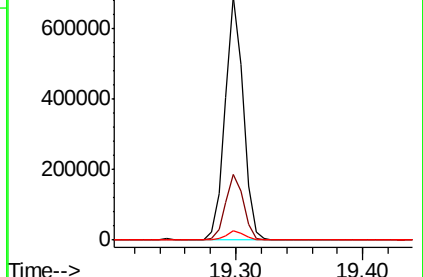
279 3.6 2.8 4.2

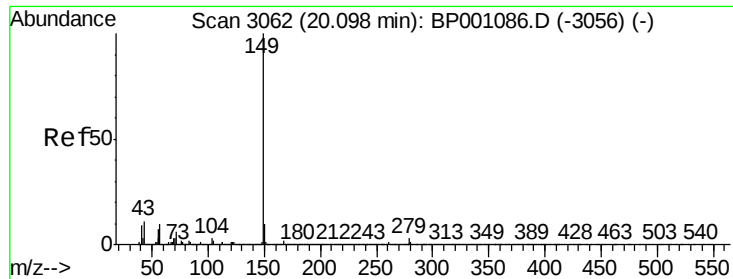


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.671 ng

RT: 20.08 min Scan# 3059

Delta R.T. -0.02 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

Instrument :

BNA_P

ClientSampleId :

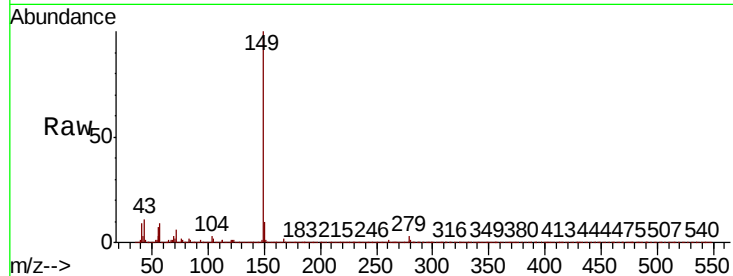
Tot Ion:149 Resp: 1211389

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

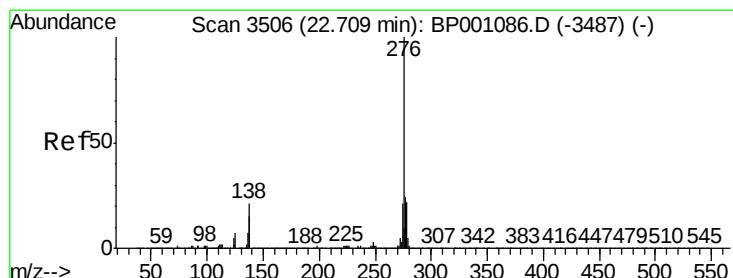
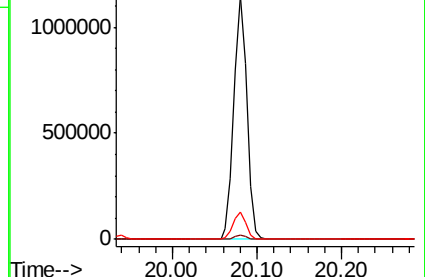
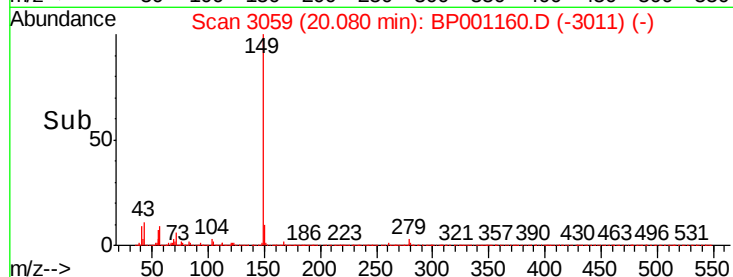
43 11.1 8.5 12.7



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

Indeno(1,2,3-cd)pyrene

Concen: 38.620 ng

RT: 22.68 min Scan# 3501

Delta R.T. -0.03 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

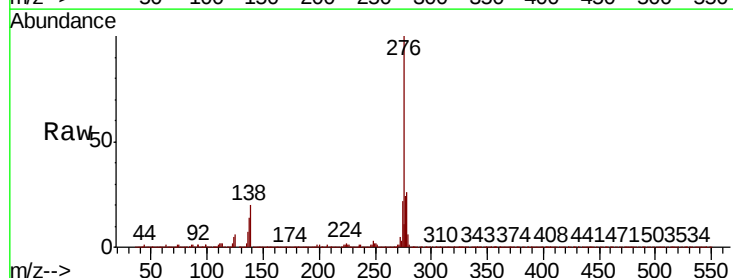
Tgt Ion:276 Resp: 1050632

Ion Ratio Lower Upper

276 100

138 23.8 20.6 30.8

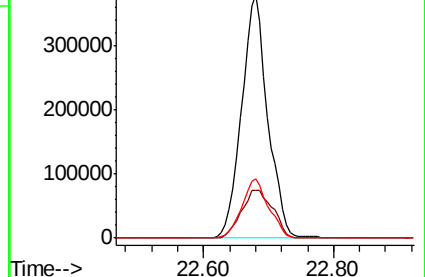
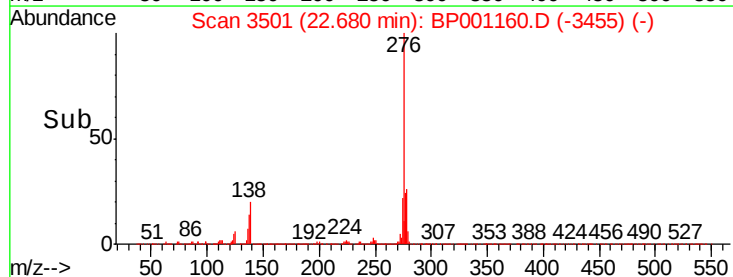
277 25.2 20.0 30.0

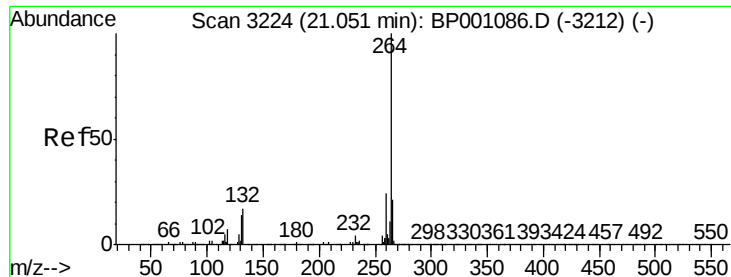


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

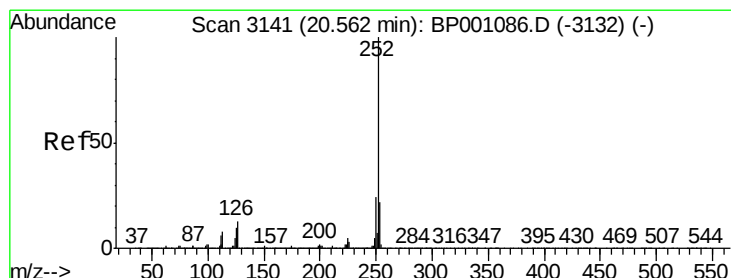
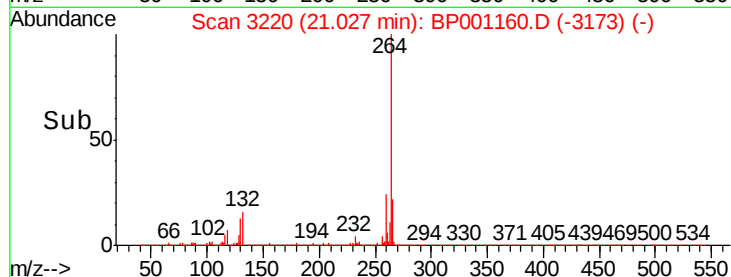
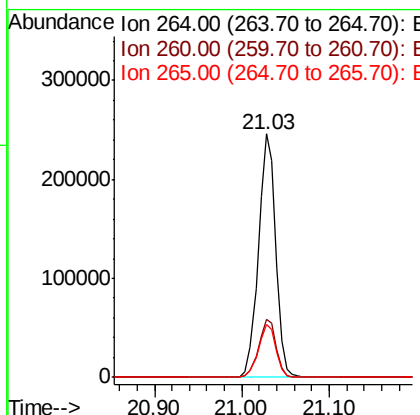
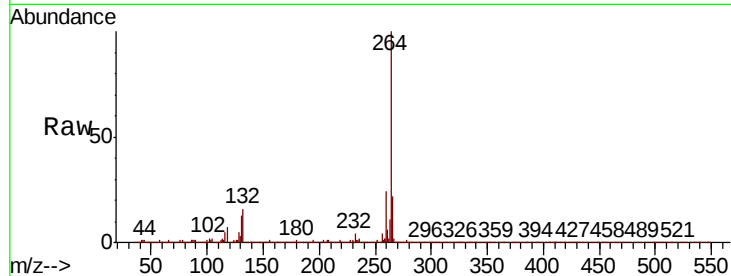




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3220
Delta R.T. -0.02 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

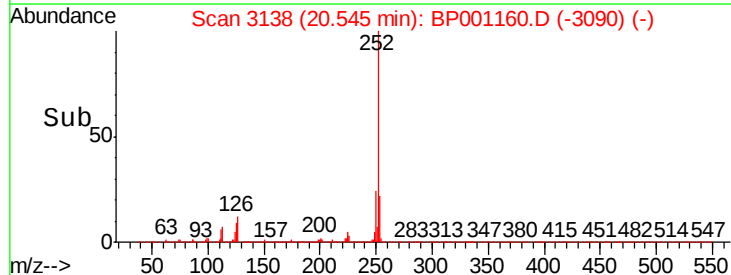
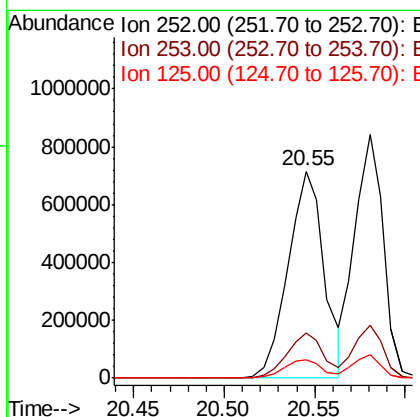
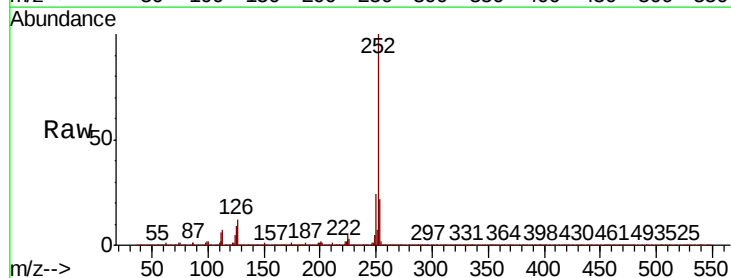
Instrument :
BNA_P
ClientSampleId :

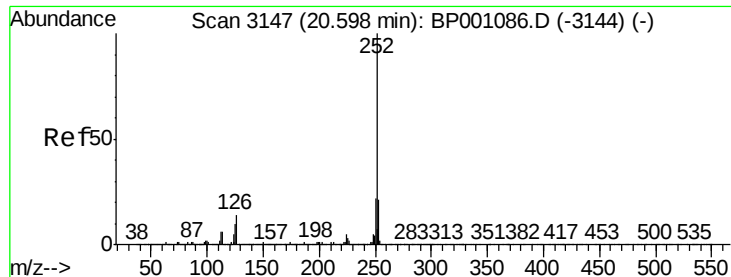
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.9	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 49.269 ng
RT: 20.55 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	8.9	8.1	12.1

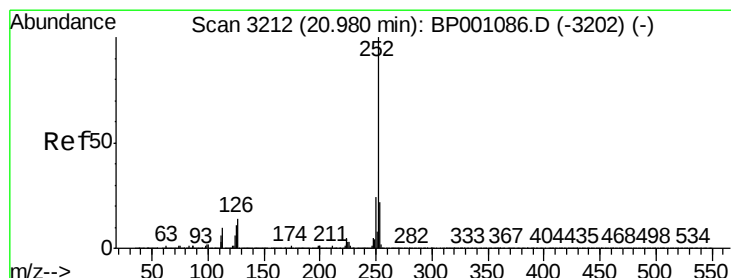
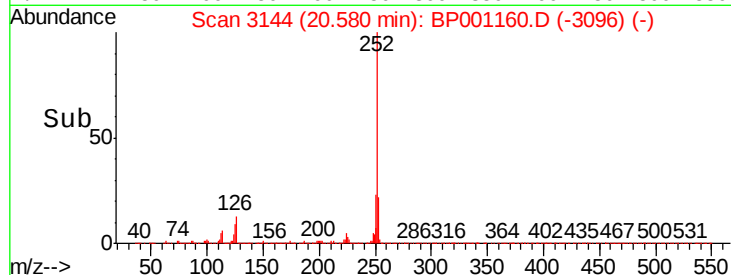
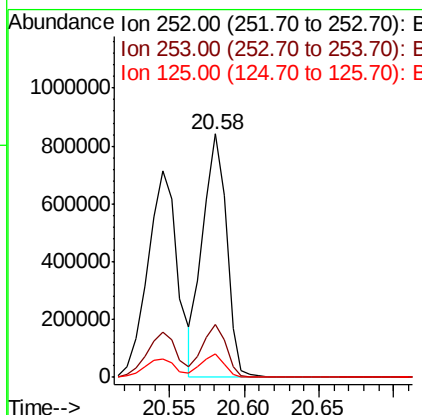
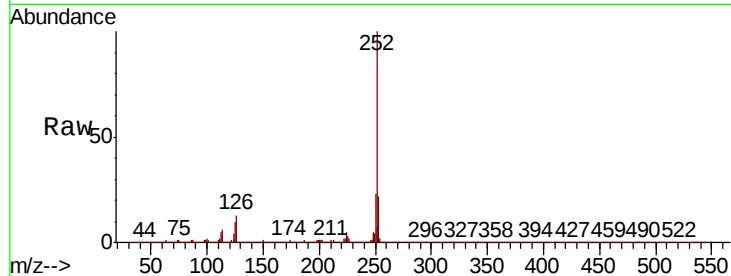




#89
Benzo(k)fluoranthene
Concen: 47.706 ng
RT: 20.58 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

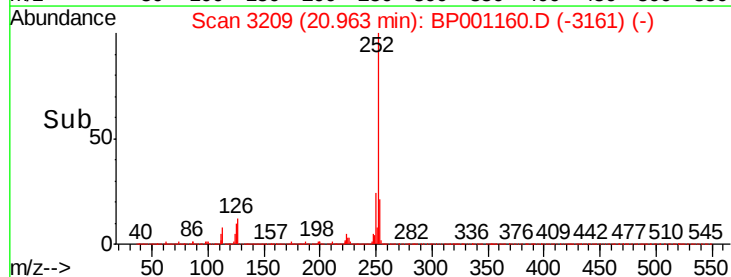
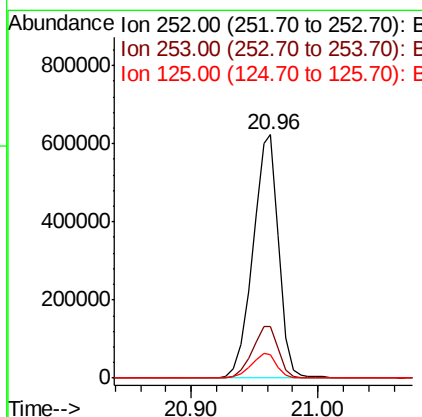
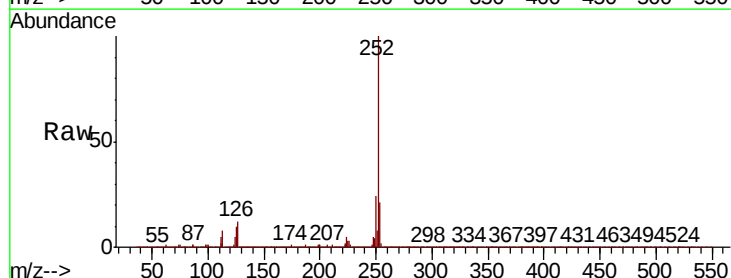
Instrument :
BNA_P
ClientSampled :

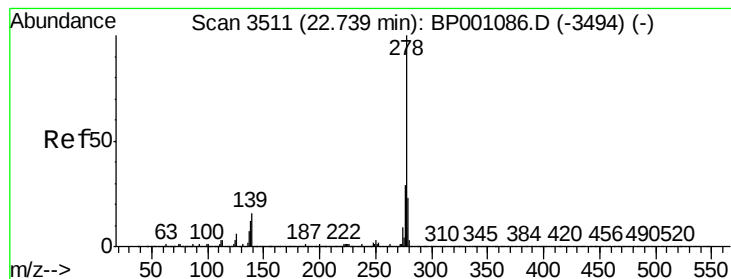
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	9.5	8.2	12.2



#90
Benzo(a)pyrene
Concen: 46.995 ng
RT: 20.96 min Scan# 3209
Delta R.T. -0.02 min
Lab File: BP001160.D
Acq: 03 Dec 2019 17:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.4	26.0
125	9.7	8.7	13.1





#91

Dibenzo(a,h)anthracene

Concen: 48.572 ng

RT: 22.70 min Scan# 3505

Delta R.T. -0.03 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

Instrument :

BNA_P

ClientSampleId :

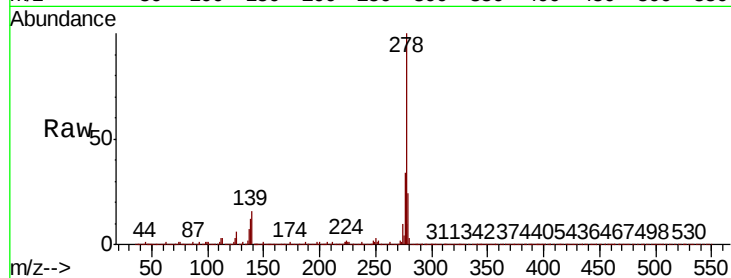
Tot Ion:278 Resp: 886136

Ion Ratio Lower Upper

278 100

139 15.7 13.0 19.4

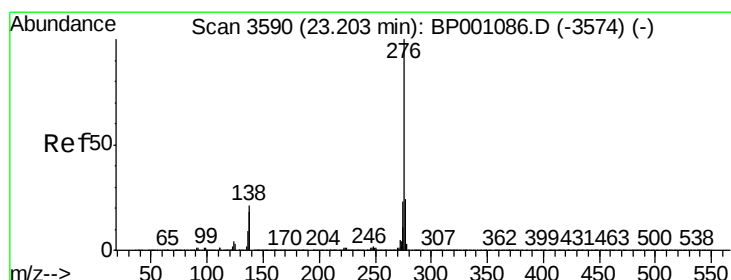
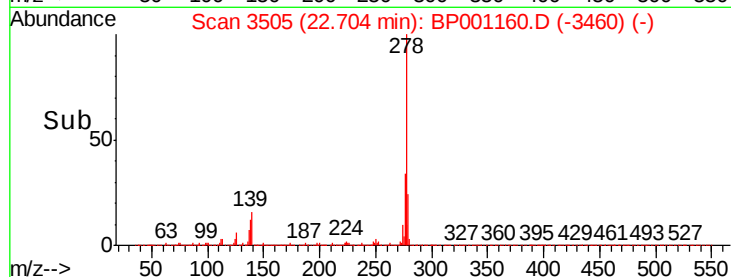
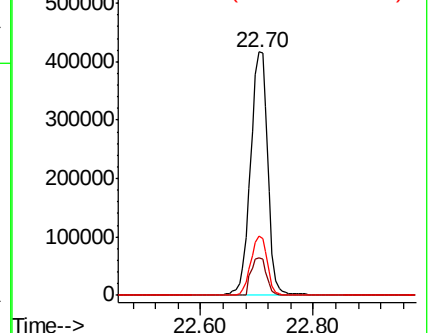
279 24.1 18.7 28.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.705 ng

RT: 23.17 min Scan# 3584

Delta R.T. -0.03 min

Lab File: BP001160.D

Acq: 03 Dec 2019 17:40

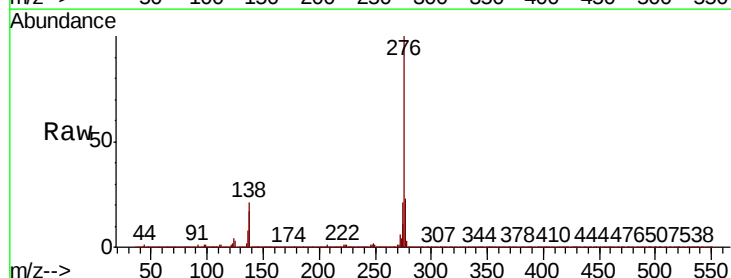
Tgt Ion:276 Resp: 895408

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 20.6 17.2 25.8



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

