

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP083119\
 Data File : BP000035.D
 Acq On : 31 Aug 2019 10:25
 Operator : HP/JU
 Sample : MDL-W-04
 Misc : 4PPM
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ClientSampled :
 MDL-W-04

Quant Time: Aug 31 14:42:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 17:47:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	411343	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1619986	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	874887	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1568288	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1339535	20.00	ng	-0.01
87) Perylene-d12	15.63	264	1406830	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	2648142	102.66	ng	0.00
7) Phenol-d6	6.51	99	3227551	99.11	ng	0.00
23) Nitrobenzene-d5	7.45	82	1773173	67.16	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	775761	105.20	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	3686156	70.36	ng	0.00
79) Terphenyl-d14	13.04	244	4214240	68.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	47259	3.983	ng	98
3) Pyridine	3.49	79	107909	3.376	ng	99
4) n-Nitrosodimethylamine	3.39	42	34764	3.368	ng	# 90
6) Aniline	6.55	93	180142	3.822	ng	99
8) 2-Chlorophenol	6.67	128	109490	4.105	ng	97
9) Benzaldehyde	6.44	77	99354	4.948	ng	95
10) Phenol	6.52	94	140012	3.870	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	108964	3.812	ng	99
12) 1,3-Dichlorobenzene	6.83	146	124108	3.989	ng	99
13) 1,4-Dichlorobenzene	6.91	146	129312	4.174	ng	98
14) 1,2-Dichlorobenzene	7.06	146	118471	4.162	ng	98
15) Benzyl Alcohol	7.02	79	82390	3.451	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	115963	3.773	ng	98
17) 2-Methylphenol	7.13	107	87620	3.825	ng	98
18) Hexachloroethane	7.41	117	41755	3.634	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	69257	3.737	ng	96
20) 3+4-Methylphenols	7.28	107	114439	4.006	ng	99
22) Acetophenone	7.29	105	172822	4.454	ng	98
24) Nitrobenzene	7.46	77	115998	4.056	ng	99
25) Isophorone	7.70	82	203561	3.649	ng	99
26) 2-Nitrophenol	7.79	139	28108	2.524	ng	98
27) 2,4-Dimethylphenol	7.82	122	95425	4.246	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	135309	3.730	ng	100
29) 2,4-Dichlorophenol	8.02	162	82992	3.591	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	103857	3.942	ng	98
31) Naphthalene	8.20	128	336432	4.526	ng	98
32) Benzoic acid	7.85	122	21012	9.223	ng	96
33) 4-Chloroaniline	8.24	127	132684	3.785	ng	96
34) Hexachlorobutadiene	8.32	225	57211	3.854	ng	96
35) Caprolactam	8.55	113	23893	2.907	ng	95
36) 4-Chloro-3-methylphenol	8.71	107	88217	3.498	ng	94
37) 2-Methylnaphthalene	8.89	142	220549	4.246	ng	98
38) 1-Methylnaphthalene	8.99	142	206695	4.223	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	108336	4.375	ng	99

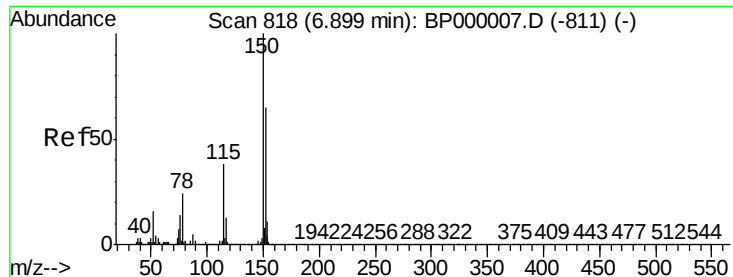
Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP083119\
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 QLast Update : Fri Aug 30 17:47:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	46944	3.443	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	51921	3.040	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	61221	3.426	ng	96
46) 1,1'-Biphenyl	9.36	154	294114	4.762	ng	99
47) 2-Chloronaphthalene	9.38	162	211116	4.118	ng	97
48) 2-Nitroaniline	9.46	65	29981	2.165	ng	99
49) Acenaphthylene	9.80	152	323834	4.257	ng	97
50) Dimethylphthalate	9.65	163	237724	3.987	ng	99
51) 2,6-Dinitrotoluene	9.70	165	34199	2.703	ng #	84
52) Acenaphthene	9.97	154	196211	4.110	ng	100
53) 3-Nitroaniline	9.87	138	38567	2.551	ng #	90
54) 2,4-Dinitrophenol	9.97	184	7032	9.970	ng #	1
55) Dibenzofuran	10.15	168	305183	4.502	ng	98
56) 4-Nitrophenol	10.02	139	25458	2.356	ng	89
57) 2,4-Dinitrotoluene	10.11	165	38740	2.398	ng	87
58) Fluorene	10.49	166	238476	4.675	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	45839	3.388	ng	97
60) Diethylphthalate	10.36	149	229497	3.846	ng	99
61) 4-Chlorophenyl-phenylether	10.48	204	114272	4.309	ng	96
62) 4-Nitroaniline	10.48	138	41306	2.865	ng	92
63) Azobenzene	10.64	77	222033	3.885	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	12161	9.415	ng	99
66) n-Nitrosodiphenylamine	10.59	169	203372	4.365	ng	100
67) 4-Bromophenyl-phenylether	10.97	248	62051	3.893	ng	96
68) Hexachlorobenzene	11.05	284	70745	4.074	ng	99
69) Atrazine	11.12	200	50648	Below Cal		98
70) Pentachlorophenol	11.23	266	27039	2.873	ng	95
71) Phenanthrene	11.46	178	357385	4.572	ng	96
72) Anthracene	11.51	178	353378	4.576	ng	97
73) Carbazole	11.66	167	321000	4.404	ng	98
74) Di-n-butylphthalate	12.00	149	300668	3.402	ng	98
75) Fluoranthene	12.66	202	353705	4.164	ng	95
77) Benzidine	12.77	184	123856	2.680	ng #	94
78) Pyrene	12.89	202	384793	3.905	ng	96
80) Butylbenzylphthalate	13.52	149	74768	1.703	ng #	90
81) Benzo(a)anthracene	14.09	228	336117	3.872	ng	97
82) 3,3'-Dichlorobenzidine	14.05	252	89236	2.787	ng	98
83) Chrysene	14.13	228	345622	4.210	ng	96
84) Bis(2-ethylhexyl)phthalate	14.09	149	148303	2.595	ng	98
85) Di-n-octyl phthalate	14.72	149	189934	1.886	ng	99
86) Indeno(1,2,3-cd)pyrene	17.16	276	297784	2.894	ng	98
88) Benzo(b)fluoranthene	15.20	252	315103	3.667	ng	99
89) Benzo(k)fluoranthene	15.20	252	315103	4.007	ng	99
90) Benzo(a)pyrene	15.56	252	269637	3.476	ng	98
91) Dibenzo(a,h)anthracene	17.19	278	261197	3.367	ng	99
92) Benzo(g,h,i)perylene	17.62	276	257114	3.349	ng	98

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

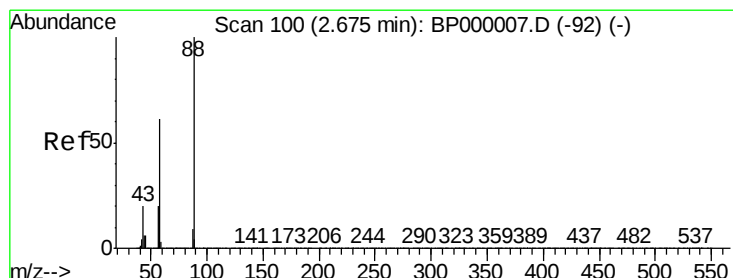
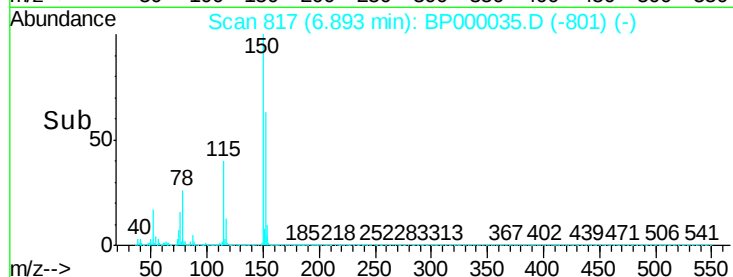
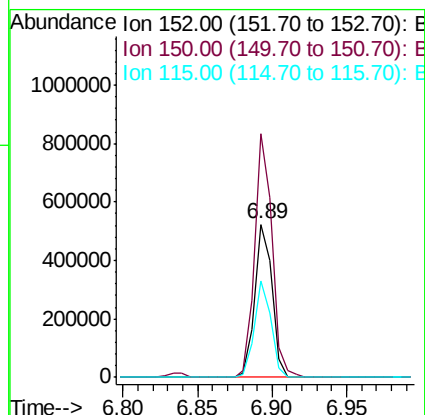
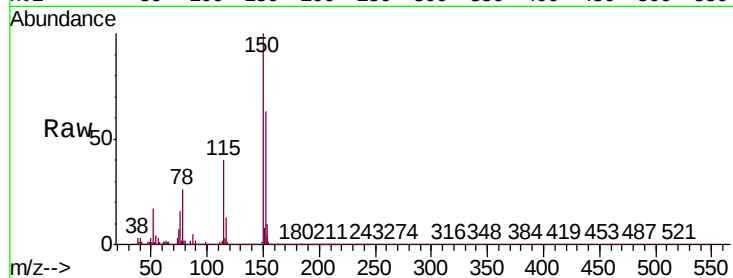


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BP000035.D
 Acq: 31 Aug 2019 10:25

Instrument :
 ClientSampled :
 MDL-W-04

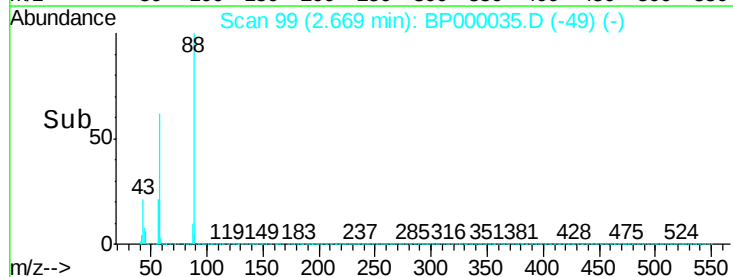
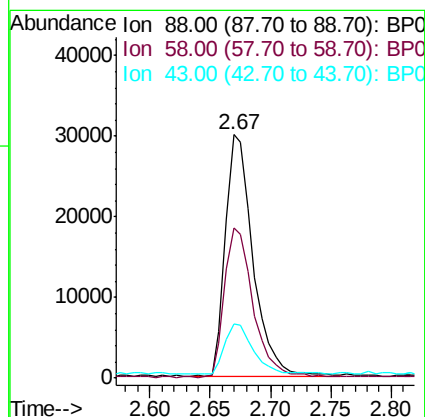
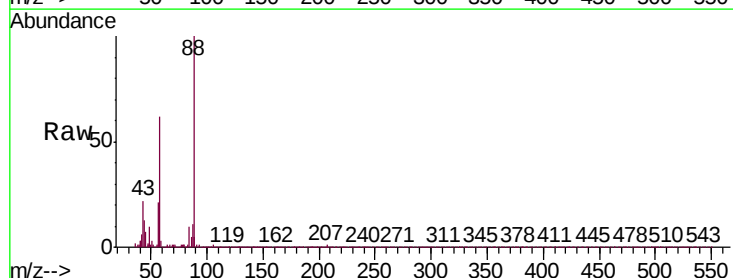
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.1	123.0	184.6
115	63.0	46.7	70.1

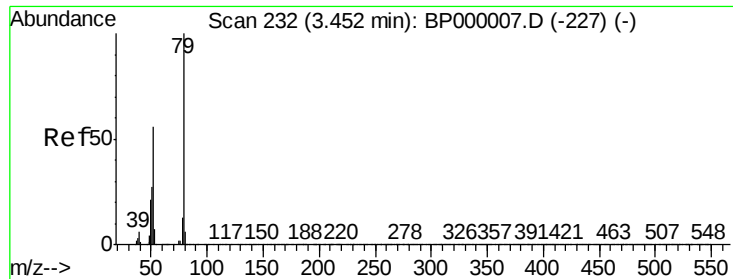


#2

1,4-Dioxane
 Concen: 3.983 ng
 RT: 2.67 min Scan# 99
 Delta R.T. -0.01 min
 Lab File: BP000035.D
 Acq: 31 Aug 2019 10:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.4	49.8	74.8
43	21.6	16.9	25.3





#3

Pyridine

Concen: 3.376 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.03 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

Instrument :

ClientSampled :

MDL-W-04

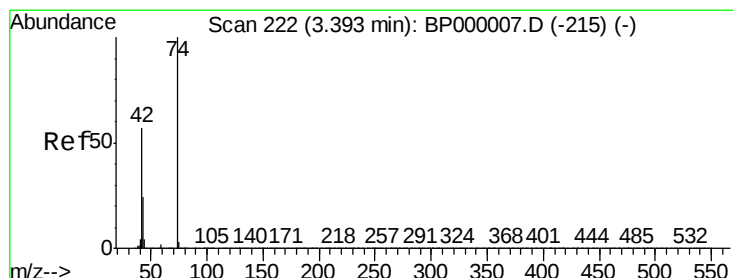
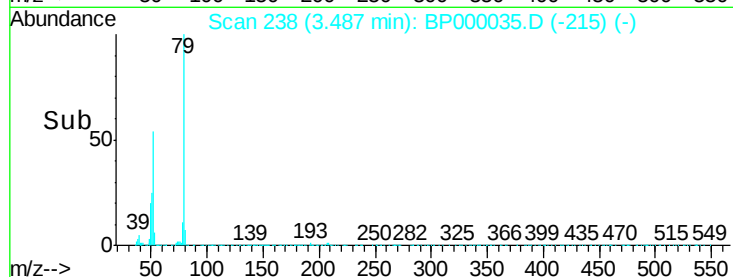
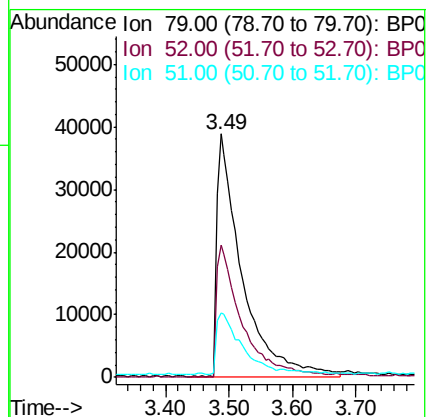
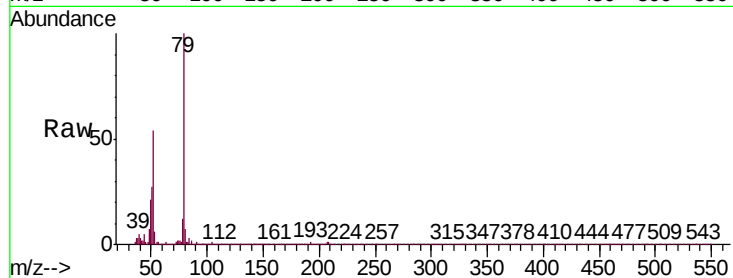
Tgt Ion: 79 Resp: 107909

Ion Ratio Lower Upper

79 100

52 54.5 44.5 66.7

51 26.5 21.8 32.6



#4

n-Nitrosodimethylamine

Concen: 3.368 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.01 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

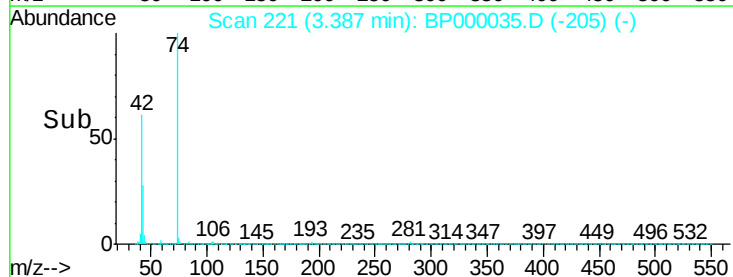
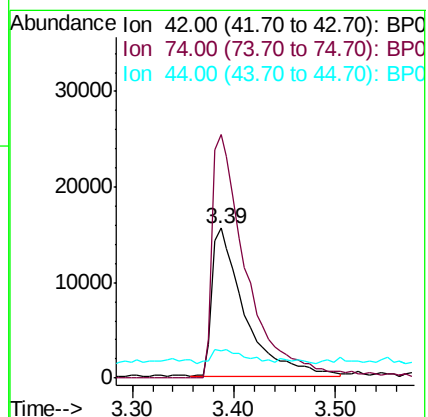
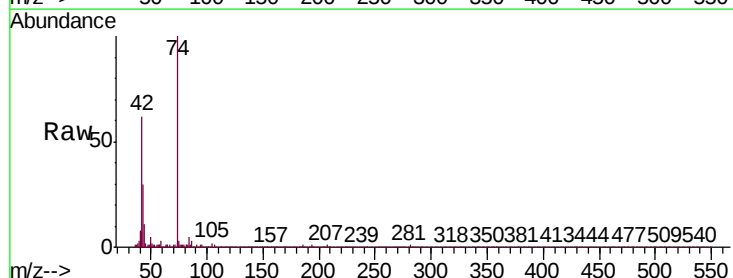
Tgt Ion: 42 Resp: 34764

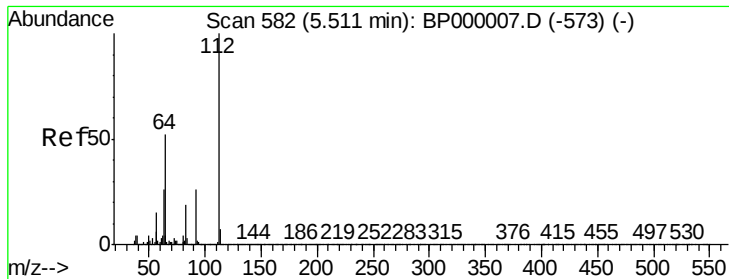
Ion Ratio Lower Upper

42 100

74 162.2 139.9 209.9

44 18.4 6.9 10.3#





#5

2-Fluorophenol

Concen: 102.658 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.00 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

Instrument :

ClientSampled :

MDL-W-04

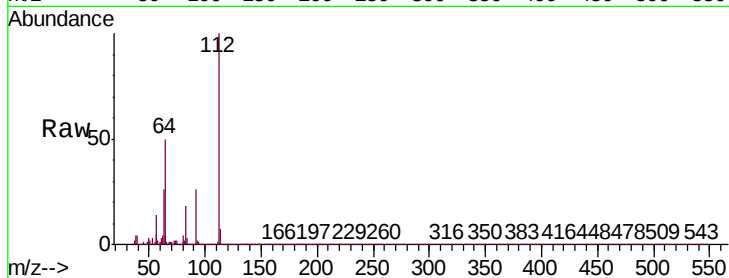
Tgt Ion: 112 Resp: 2648142

Ion Ratio Lower Upper

112 100

64 50.4 41.8 62.8

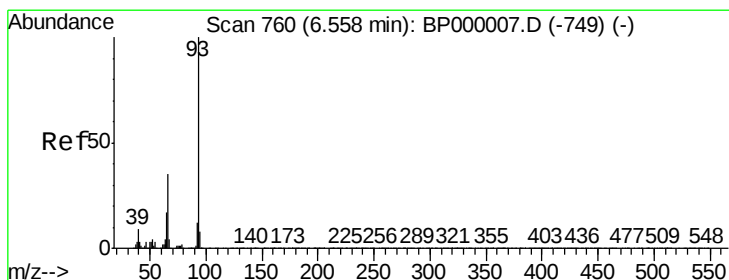
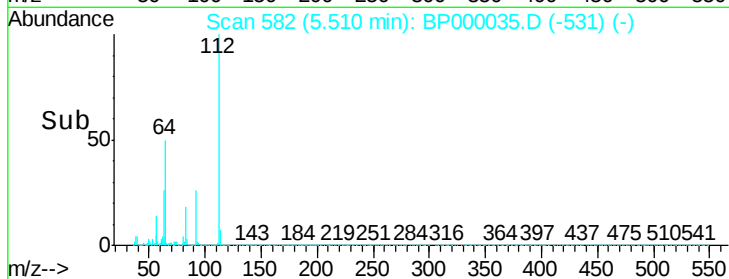
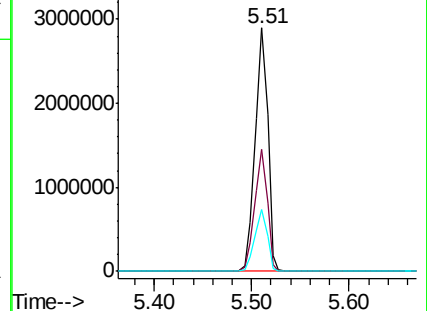
63 25.6 21.0 31.4



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: 3.822 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

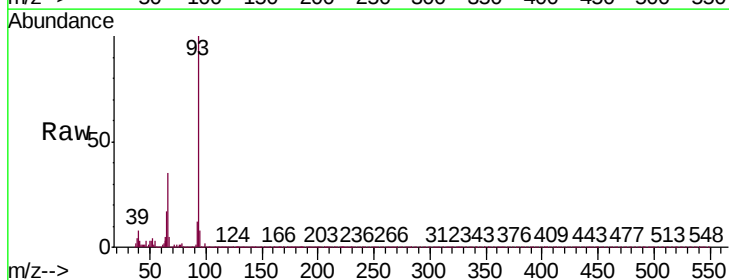
Tgt Ion: 93 Resp: 180142

Ion Ratio Lower Upper

93 100

66 35.4 27.8 41.8

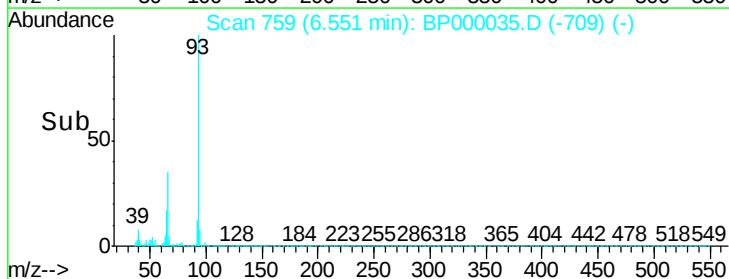
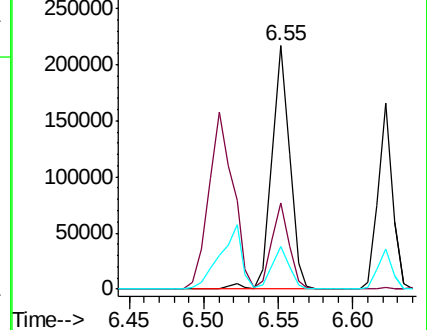
65 17.5 13.9 20.9

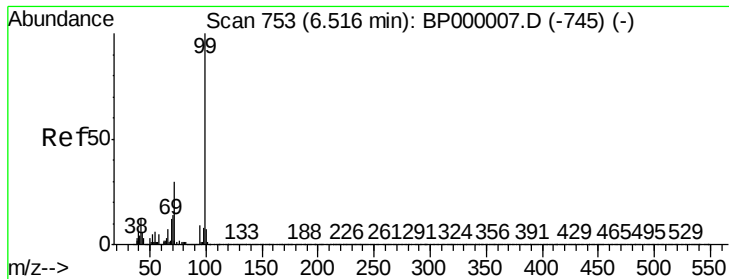


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 99.112 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

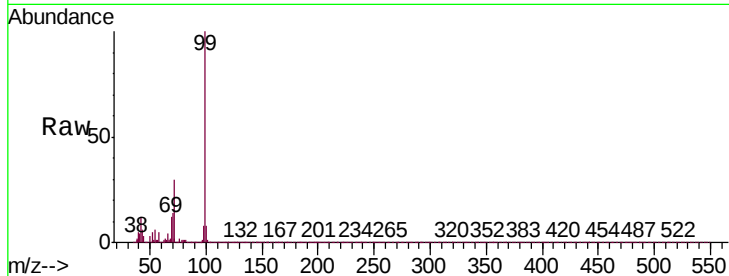
Instrument :

ClientSampled :

MDL-W-04

Tgt Ion: 99 Resp: 3227551

Ion	Ratio	Lower	Upper
99	100		
42	12.4	9.8	14.8
71	30.4	23.8	35.8

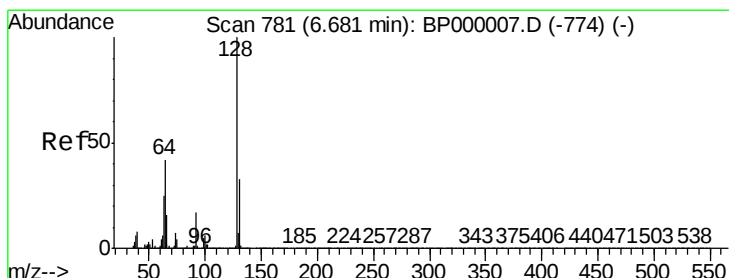
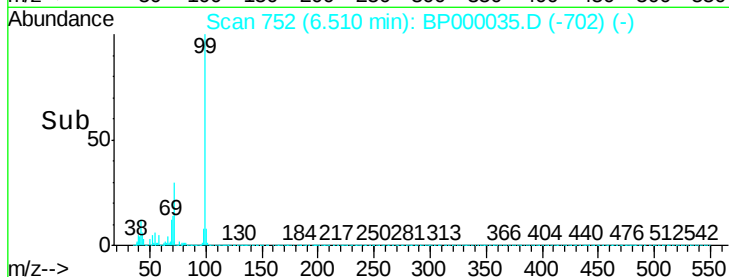
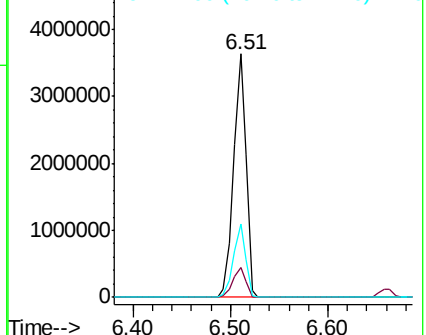


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 4.105 ng

RT: 6.67 min Scan# 780

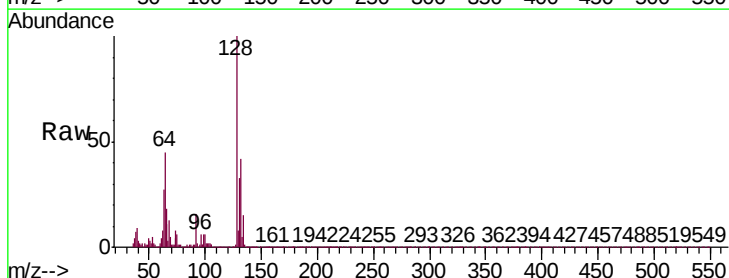
Delta R.T. -0.01 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

Tgt Ion: 128 Resp: 109490

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.0	53.0
64	44.9	22.0	62.0

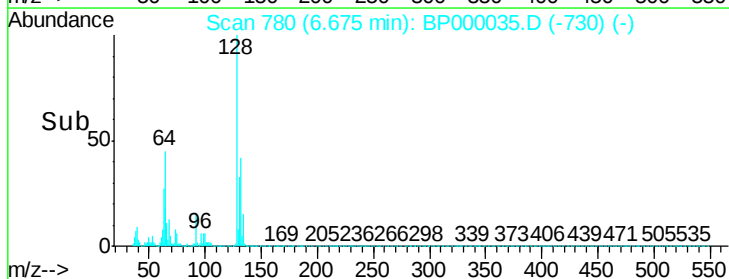
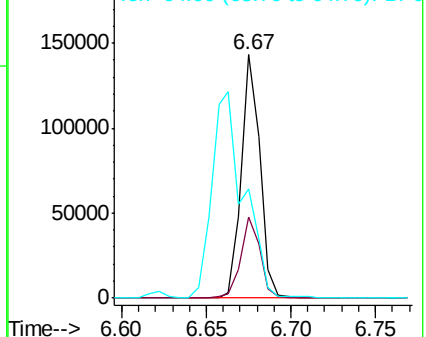


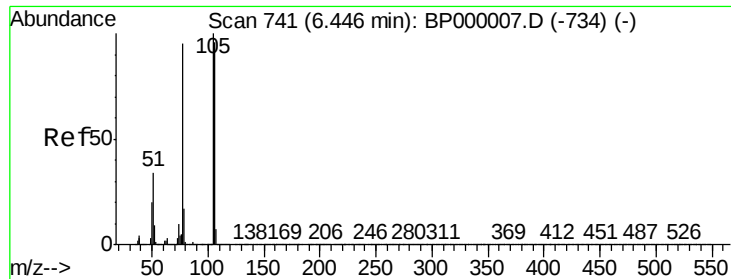
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 4.948 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

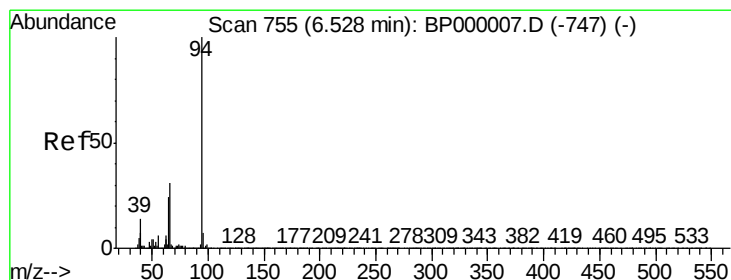
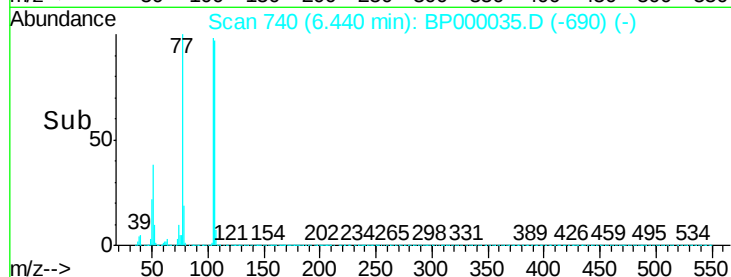
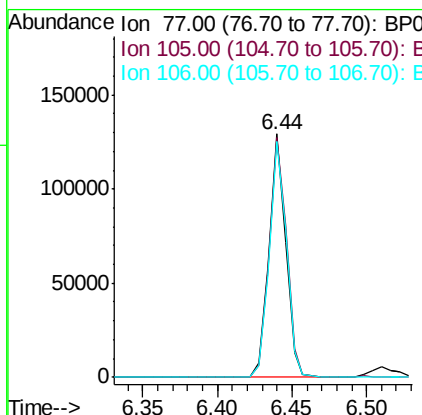
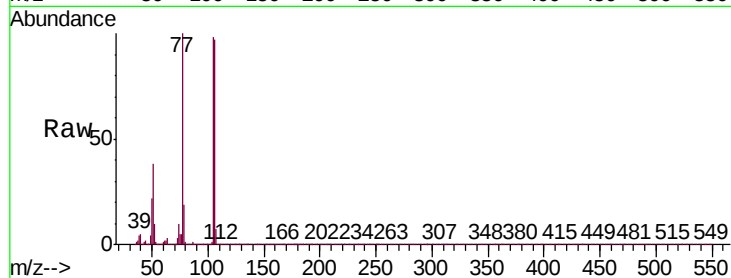
Instrument :

ClientSampled :

MDL-W-04

Tgt Ion: 77 Resp: 99354

Ion	Ratio	Lower	Upper
77	100		
105	98.4	85.1	125.1
106	97.1	80.8	120.8



#10

Phenol

Concen: 3.870 ng

RT: 6.52 min Scan# 754

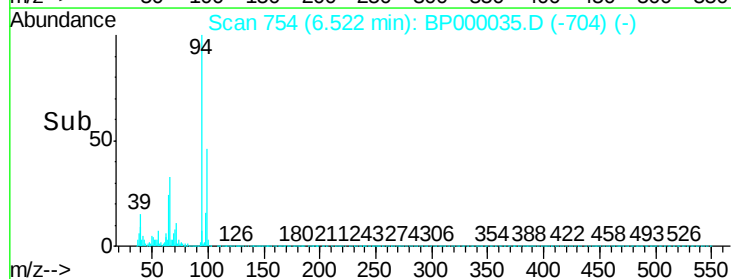
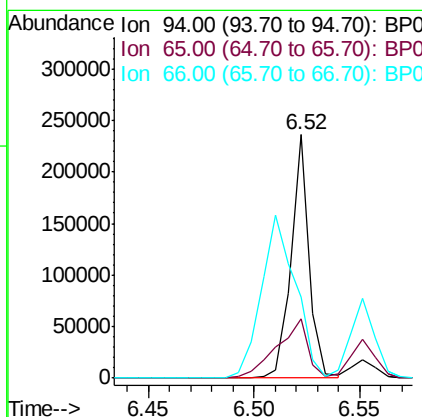
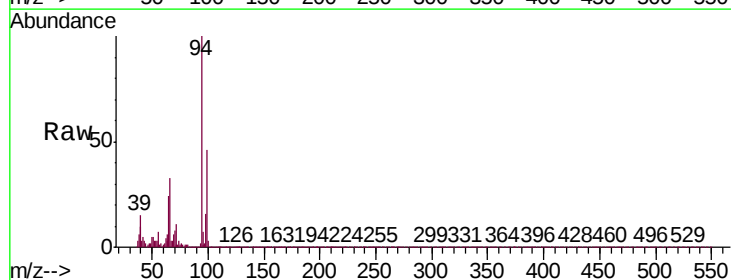
Delta R.T. -0.01 min

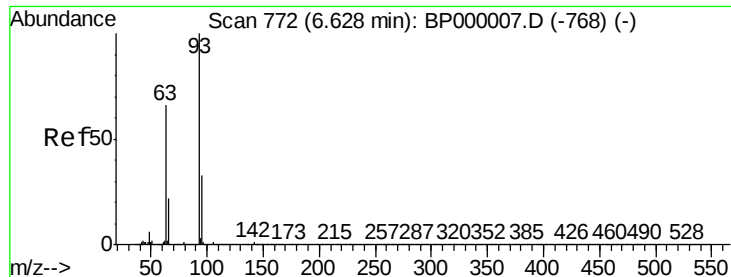
Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

Tgt Ion: 94 Resp: 140012

Ion	Ratio	Lower	Upper
94	100		
65	24.2	4.1	44.1
66	33.4	11.4	51.4

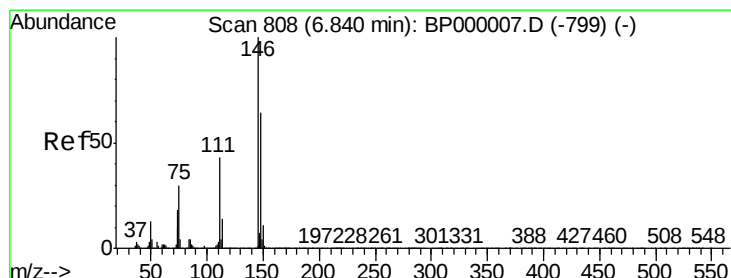
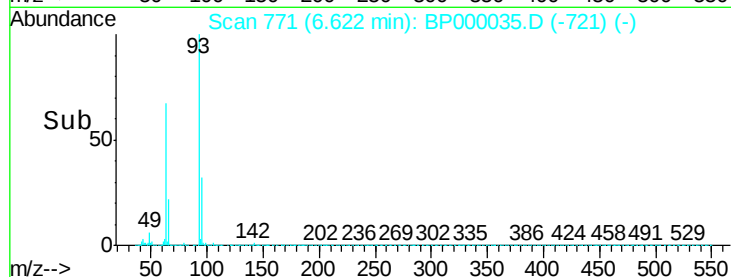
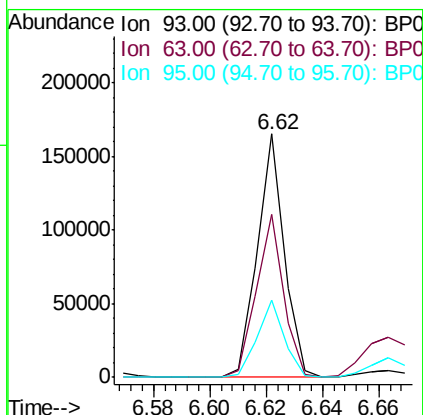
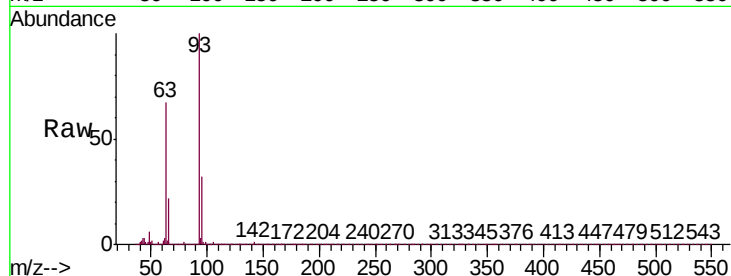




#11
bis(2-Chloroethyl)ether
Concen: 3.812 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

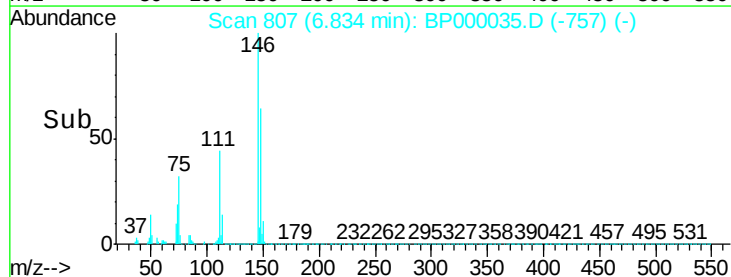
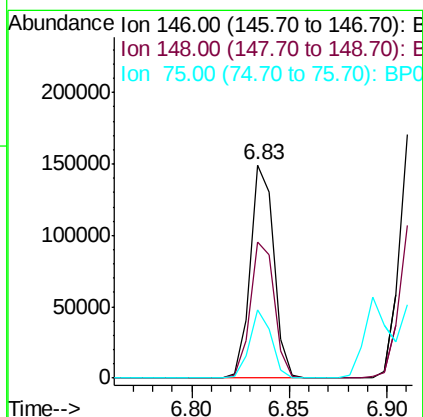
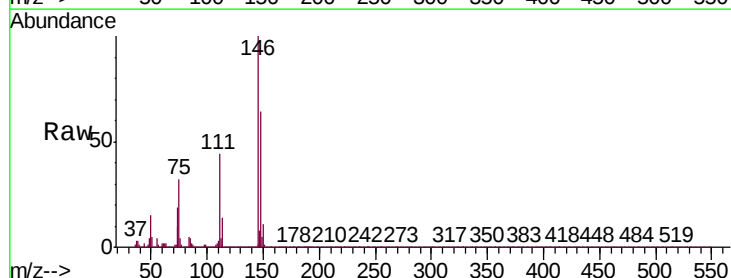
Instrument :
ClientSampled :
MDL-W-04

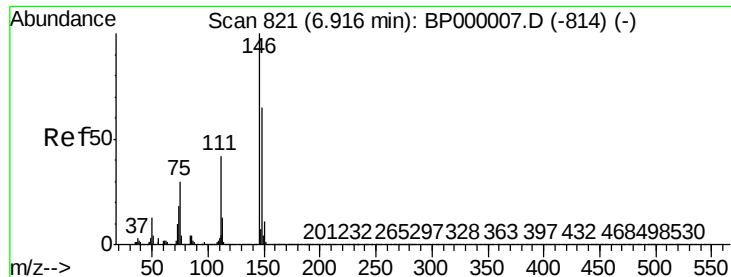
Tgt Ion	Ratio	Lower	Upper
93	100		
63	66.8	46.0	86.0
95	31.7	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 3.989 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.2
75	32.2	24.0	36.0

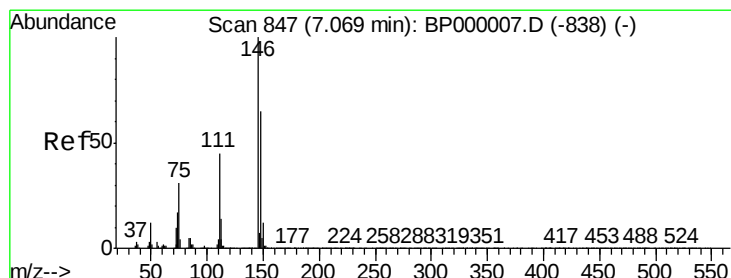
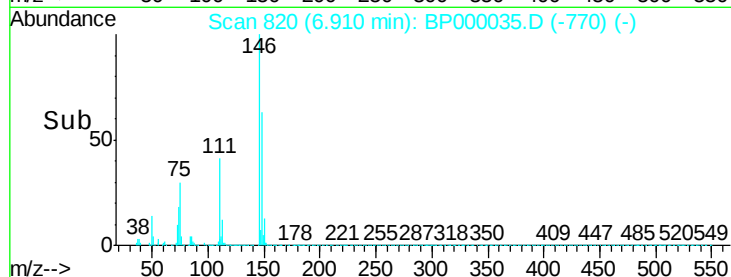
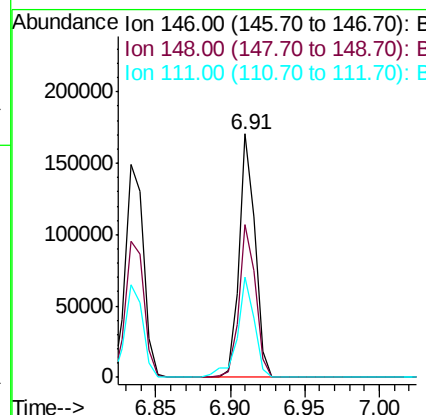
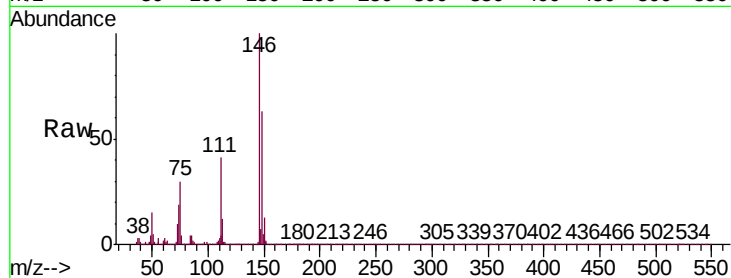




#13
1,4-Dichlorobenzene
Concen: 4.174 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

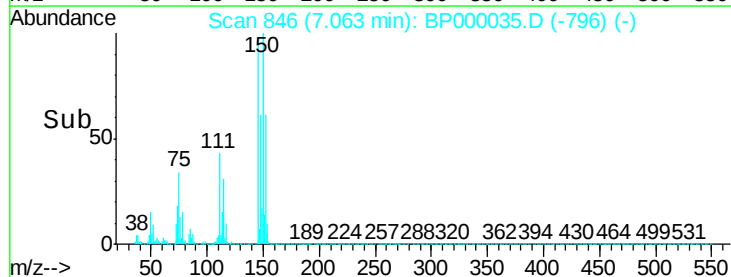
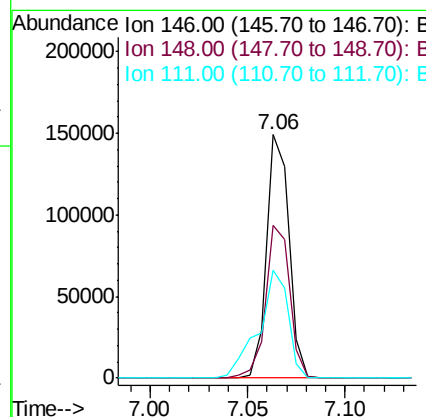
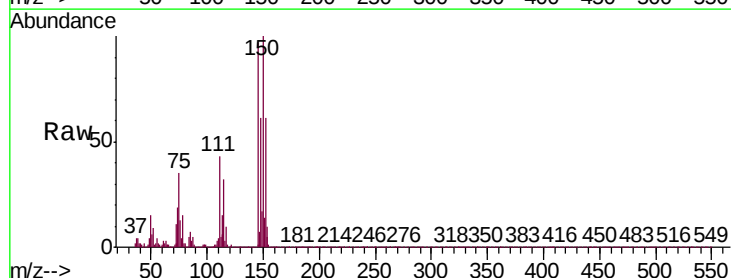
Instrument :
ClientSampled :
MDL-W-04

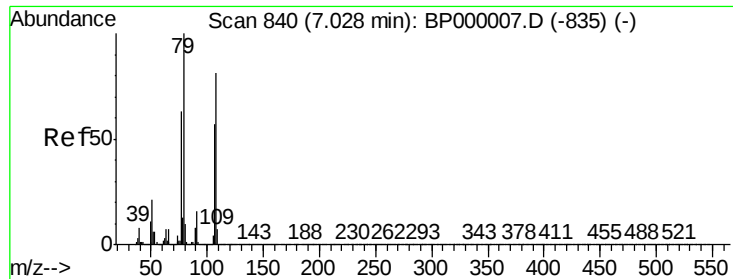
Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.6	77.4
111	41.1	33.4	50.0



#14
1,2-Dichlorobenzene
Concen: 4.162 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.8	77.8
111	44.2	36.4	54.6





#15

Benzyl Alcohol

Concen: 3.451 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BP000035.D

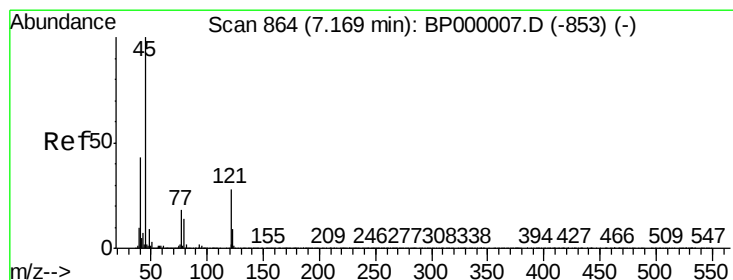
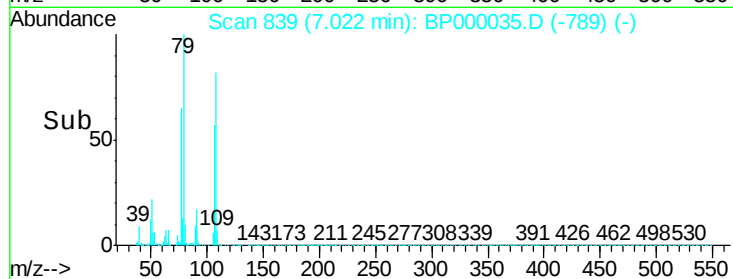
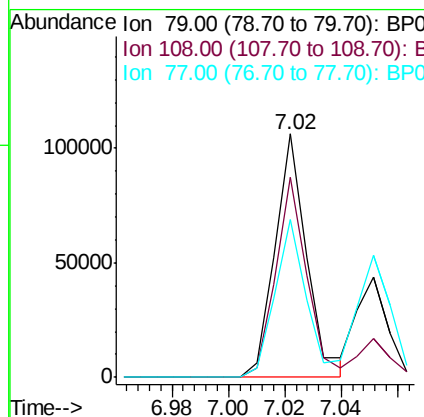
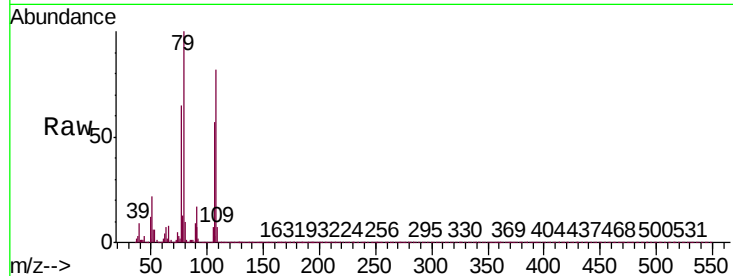
Acq: 31 Aug 2019 10:25

Instrument :

ClientSampled :

MDL-W-04

Tgt Ion:	79	Resp:	82390
Ion	Ratio	Lower	Upper
79	100		
108	82.2	64.5	96.7
77	65.0	50.3	75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 3.773 ng

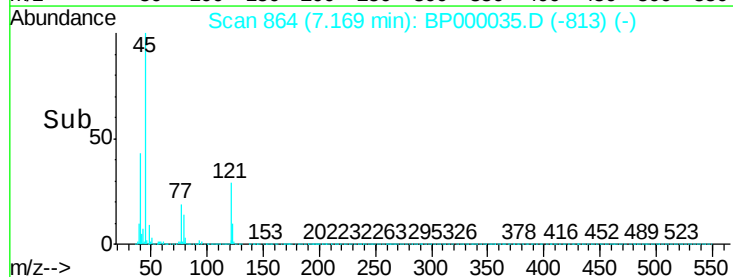
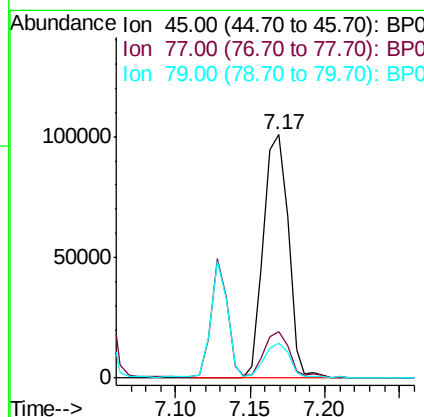
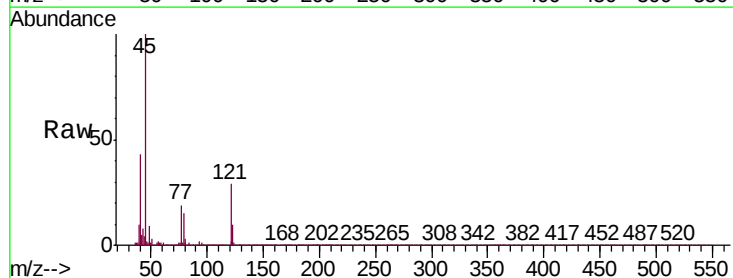
RT: 7.17 min Scan# 864

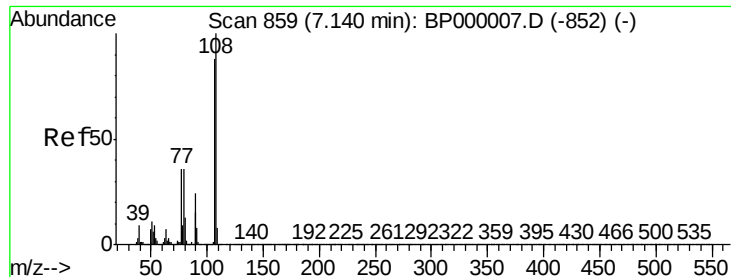
Delta R.T. -0.00 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

Tgt Ion:	45	Resp:	115963
Ion	Ratio	Lower	Upper
45	100		
77	18.9	0.0	38.0
79	14.6	0.0	33.9

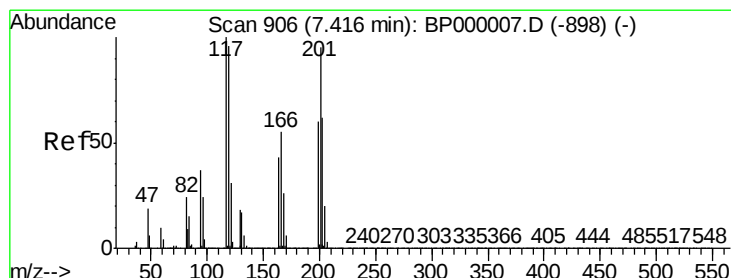
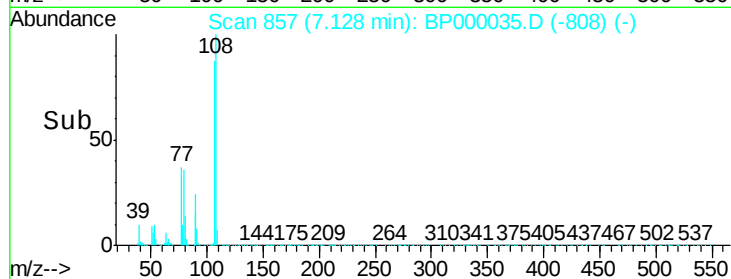
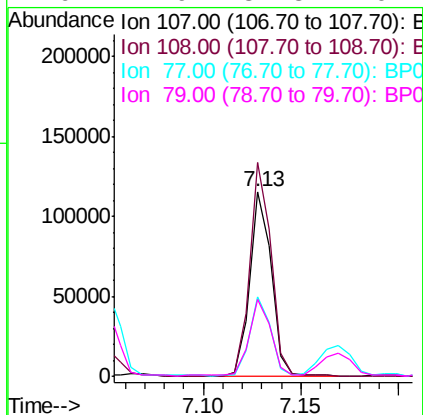
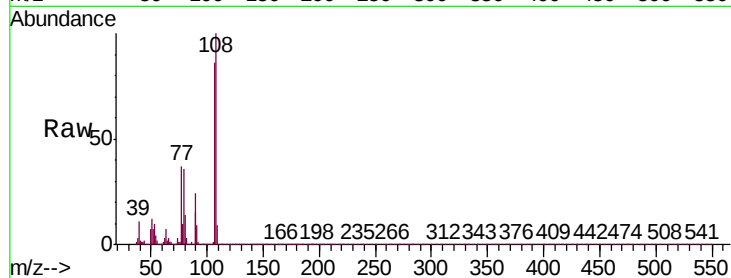




#17
2-Methylphenol
Concen: 3.825 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

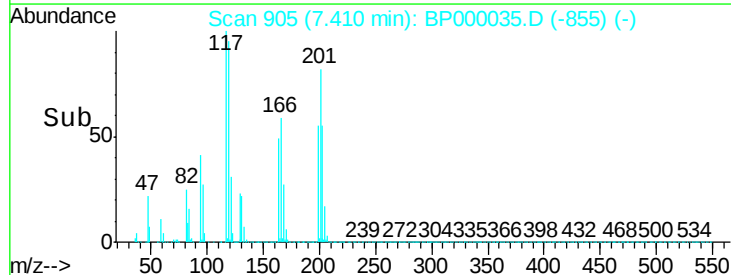
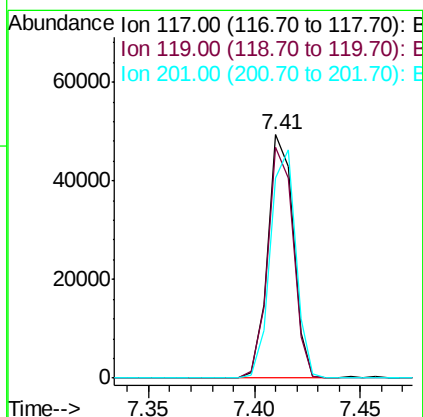
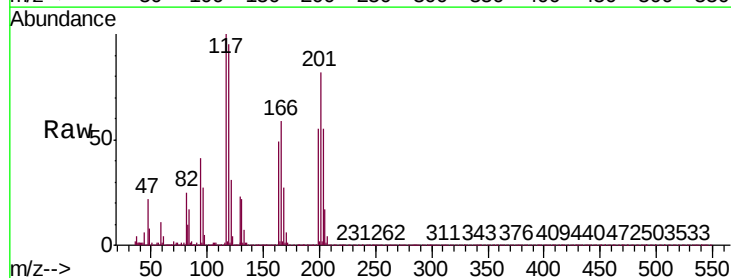
Instrument :
ClientSampled :
MDL-W-04

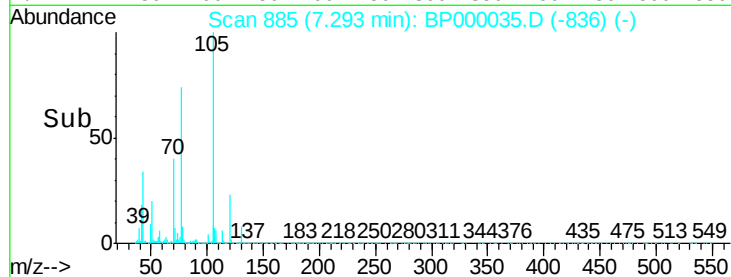
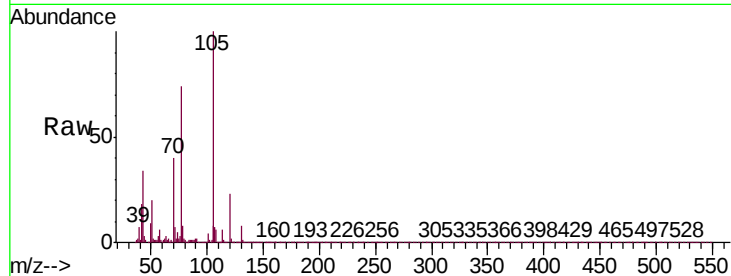
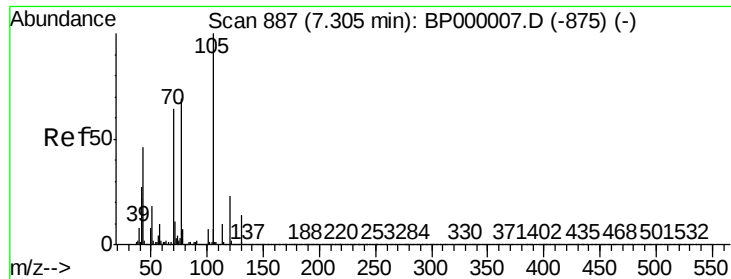
Tgt Ion:	107	Resp:	87620
Ion	Ratio	Lower	Upper
107	100		
108	115.7	90.9	136.3
77	42.8	33.2	49.8
79	41.9	32.8	49.2



#18
Hexachloroethane
Concen: 3.634 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

Tgt Ion:	117	Resp:	41755
Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.0	115.6
201	82.0	76.2	114.4

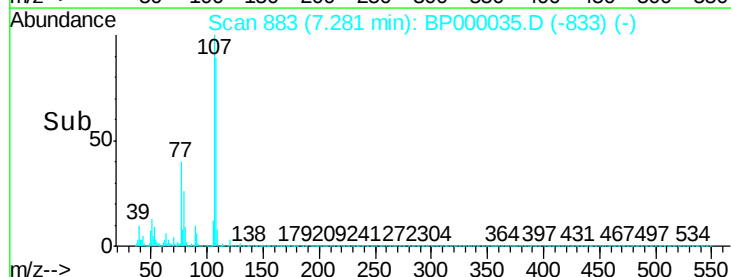
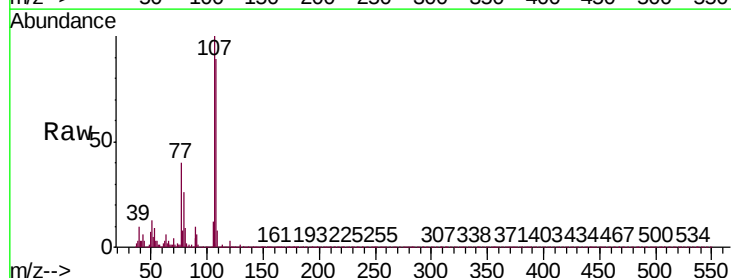
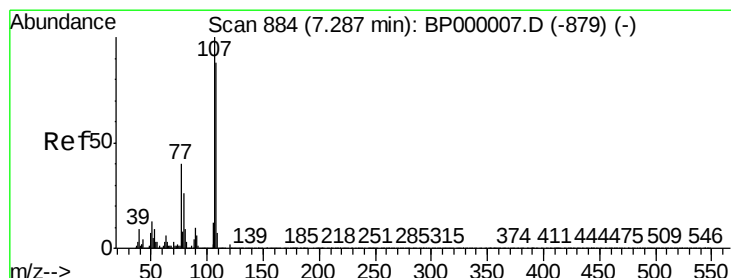
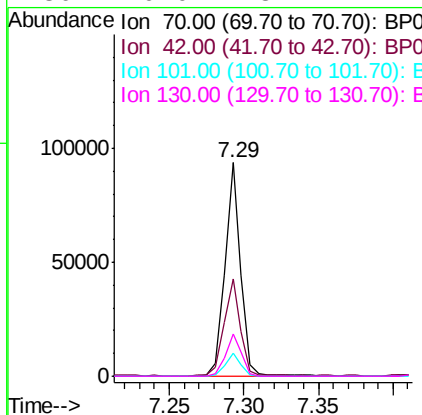




#19
n-Nitroso-di-n-propylamine
Concen: 3.737 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

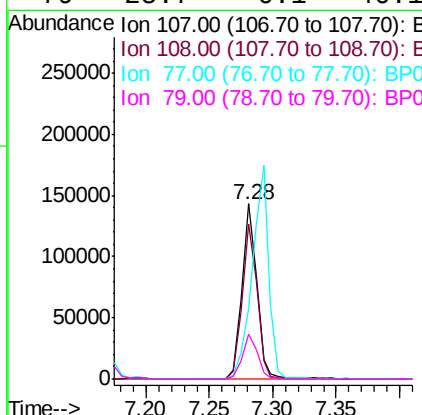
Instrument :
ClientSampleId :
MDL-W-04

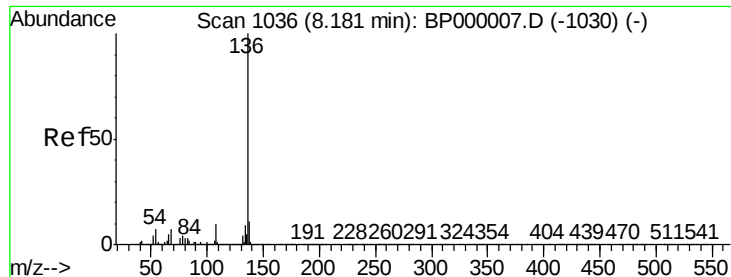
Tgt Ion:	70	Resp:	69257
Ion	Ratio	Lower	Upper
70	100		
42	45.4	33.8	50.6
101	10.7	8.7	13.1
130	20.0	18.1	27.1



#20
3+4-Methylphenols
Concen: 4.006 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

Tgt Ion:	107	Resp:	114439
Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.1	108.1
77	40.5	19.8	59.8
79	25.7	6.1	46.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

Instrument :
ClientSampleId :
MDL-W-04

Tgt Ion:136 Resp: 1619986

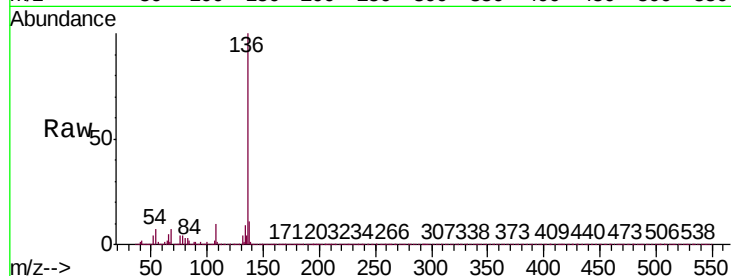
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 7.0 5.4 8.2

68 6.7 5.4 8.0

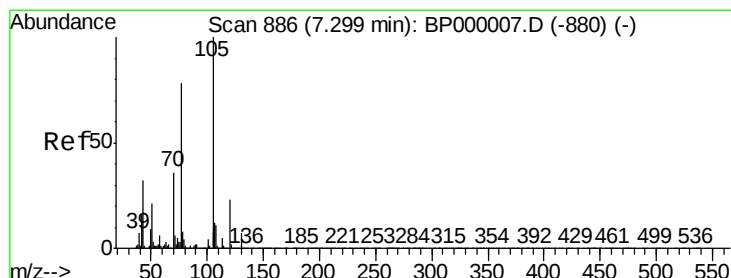
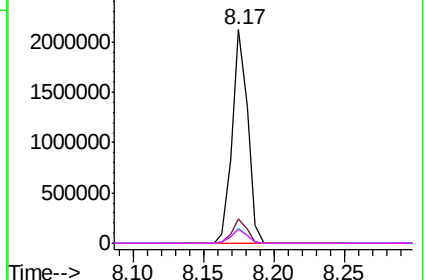
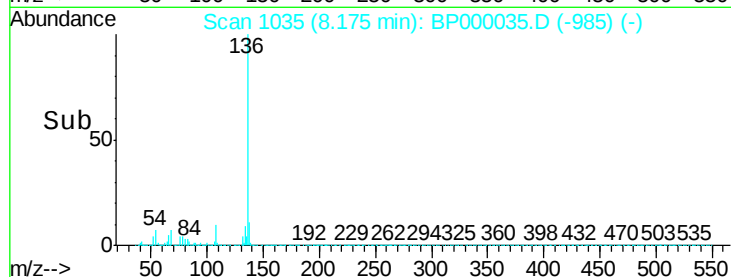


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.454 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

Tgt Ion:105 Resp: 172822

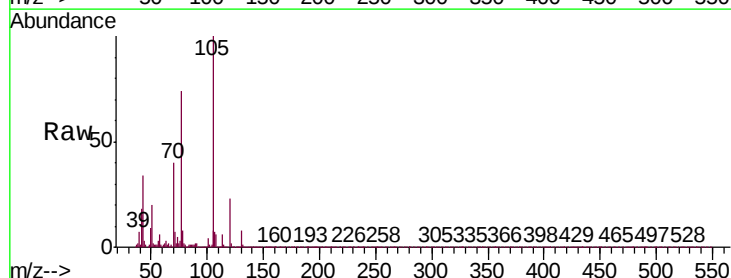
Ion Ratio Lower Upper

105 100

71 6.6 4.8 7.2

51 19.7 17.0 25.4

120 22.5 18.1 27.1

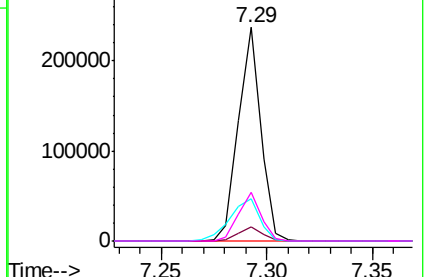
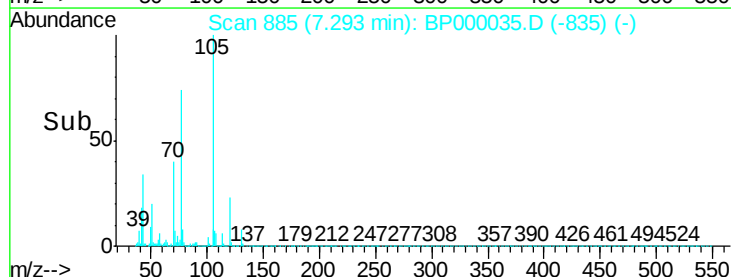


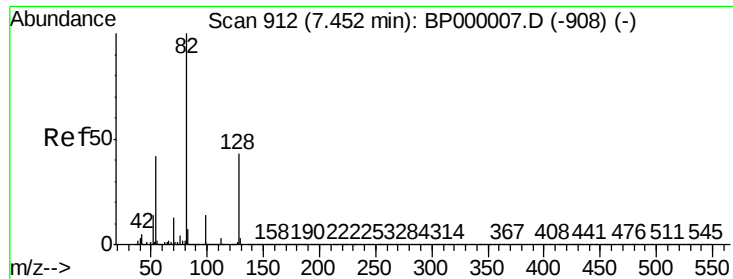
Abundance Ion 105.00 (104.70 to 105.70): E

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

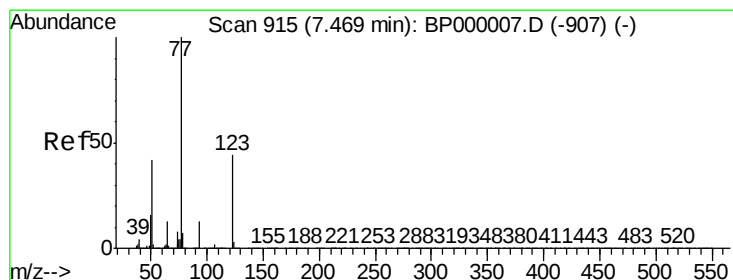
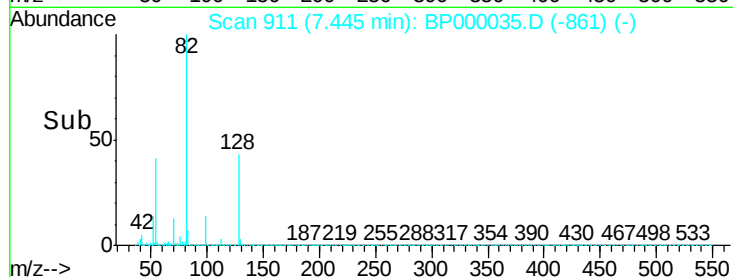
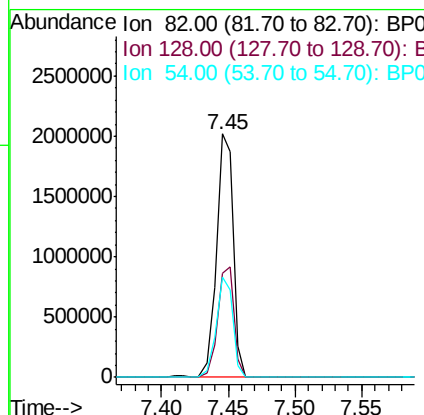
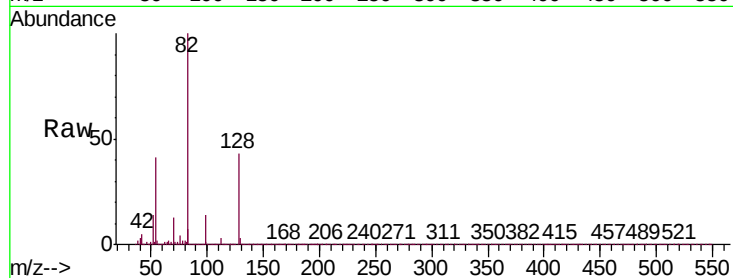




#23
 Nitrobenzene-d5
 Concen: 67.162 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BP000035.D
 Acq: 31 Aug 2019 10:25

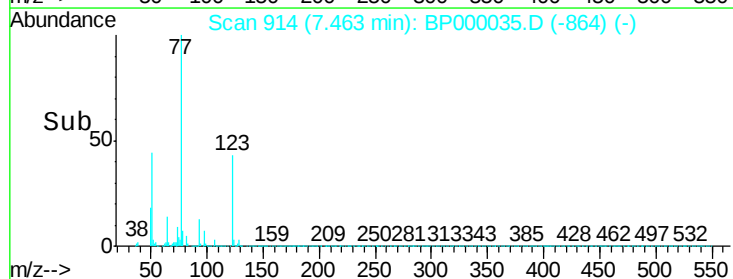
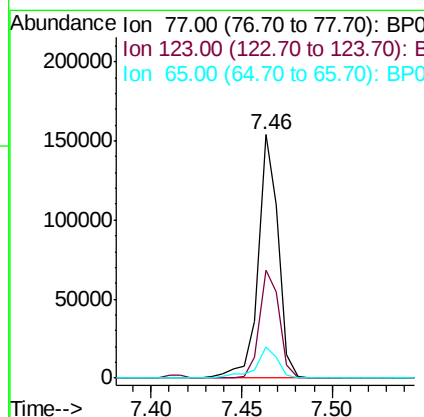
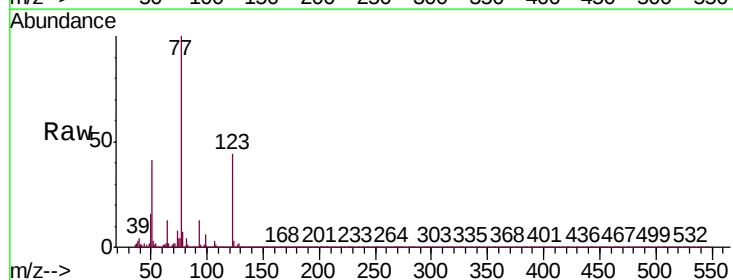
Instrument :
 ClientSampled :
 MDL-W-04

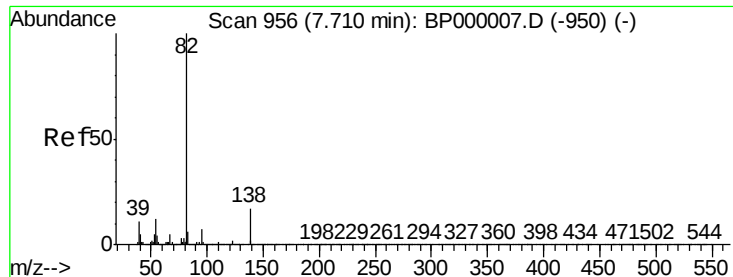
Tgt Ion: 82 Resp: 1773173
 Ion Ratio Lower Upper
 82 100
 128 42.6 34.5 51.7
 54 41.2 33.2 49.8



#24
 Nitrobenzene
 Concen: 4.056 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BP000035.D
 Acq: 31 Aug 2019 10:25

Tgt Ion: 77 Resp: 115998
 Ion Ratio Lower Upper
 77 100
 123 44.4 35.8 53.8
 65 12.7 10.1 15.1





#25

Isophorone

Concen: 3.649 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

Instrument :

ClientSampleId :

MDL-W-04

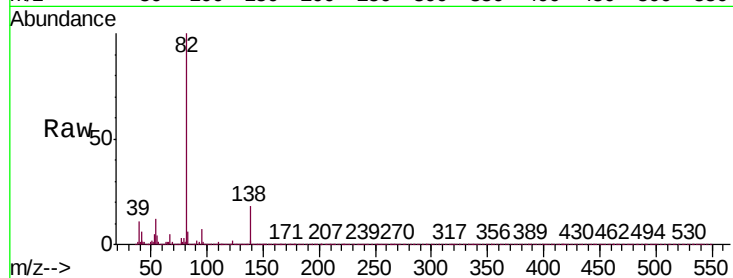
Tgt Ion: 82 Resp: 203561

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

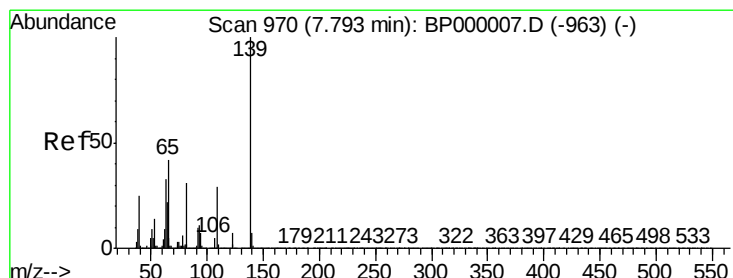
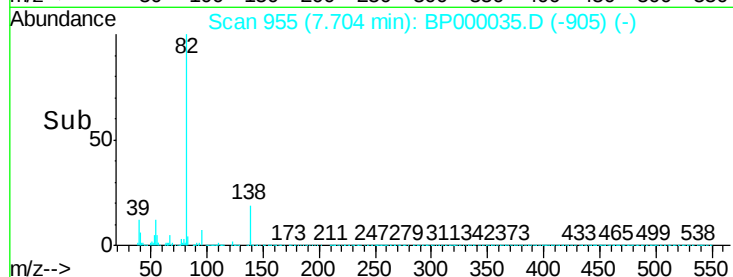
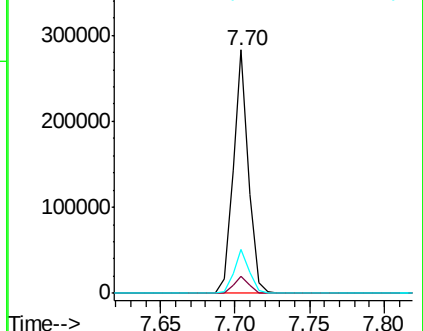
138 18.0 13.8 20.6



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 2.524 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

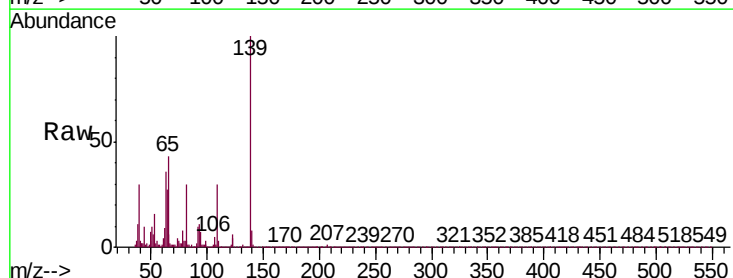
Tgt Ion: 139 Resp: 28108

Ion Ratio Lower Upper

139 100

109 29.6 23.4 35.0

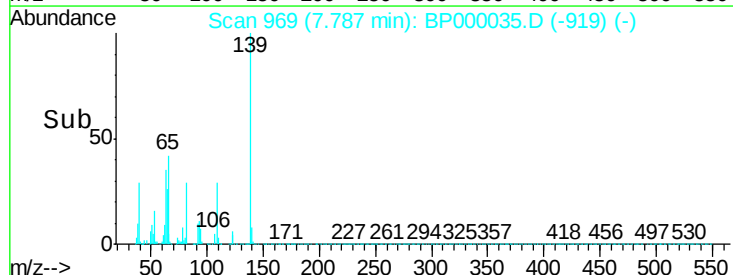
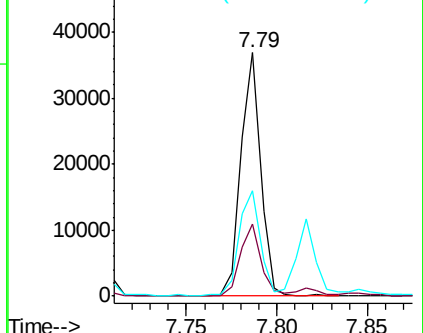
65 43.1 33.4 50.0

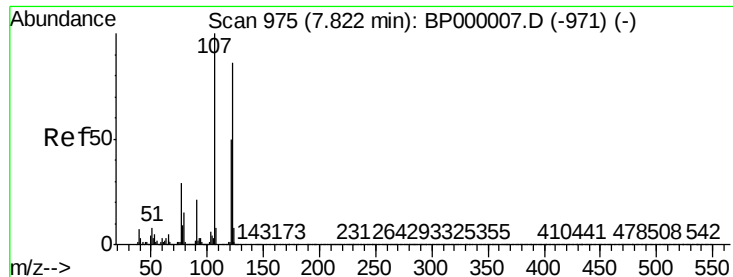


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0





#27

2,4-Dimethylphenol

Concen: 4.246 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BP000035.D

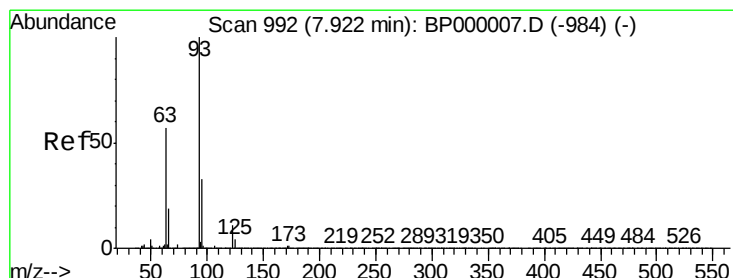
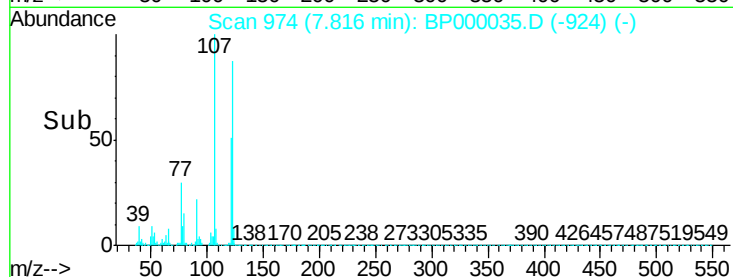
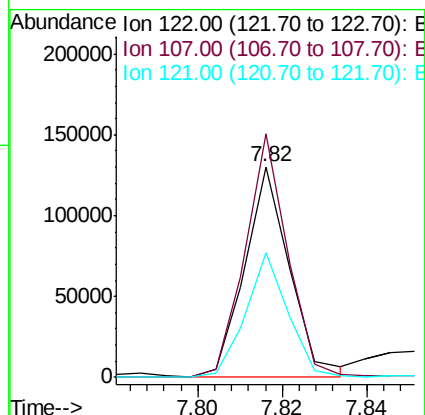
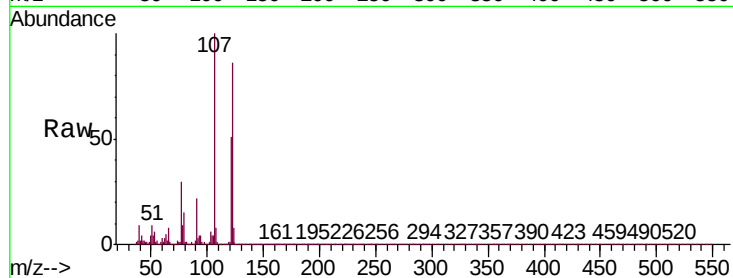
Acq: 31 Aug 2019 10:25

Instrument :

ClientSampled :

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Tgt Ion:	122	Resp:	95425
Ion	Ratio	Lower	Upper
122	100		
107	115.7	92.9	139.3
121	58.9	46.8	70.2



#28

bis(2-Chloroethoxy)methane

Concen: 3.730 ng

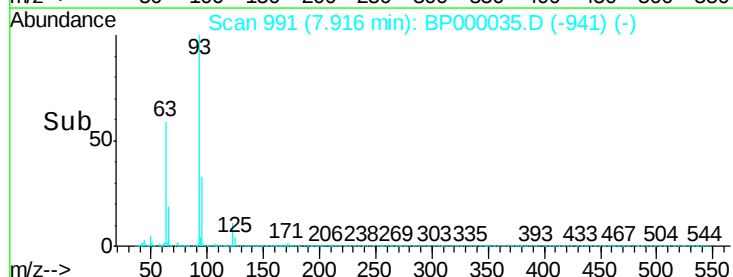
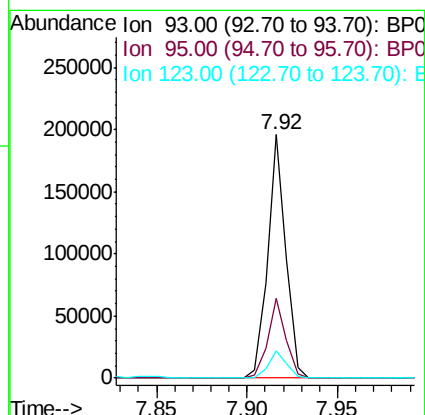
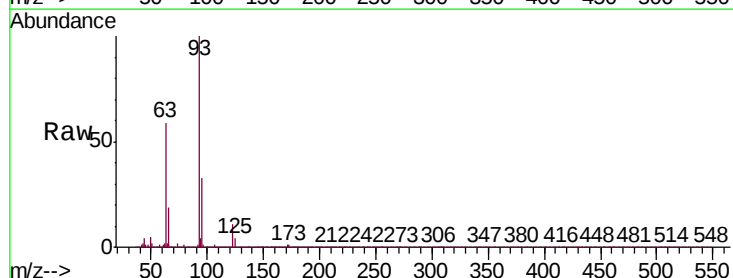
RT: 7.92 min Scan# 991

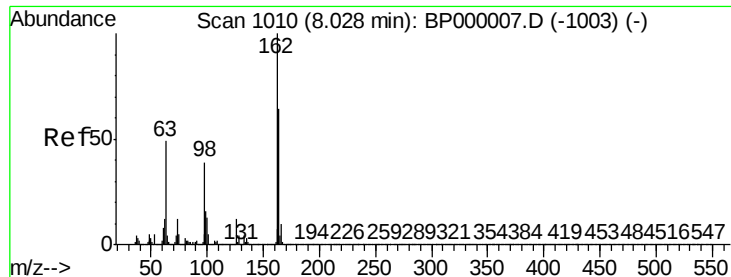
Delta R.T. -0.01 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

Tgt Ion:	93	Resp:	135309
Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.1	39.1
123	11.1	9.0	13.4

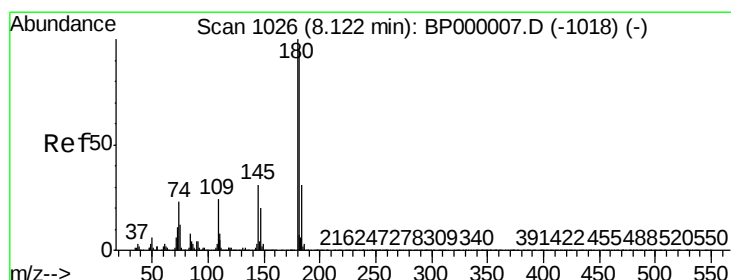
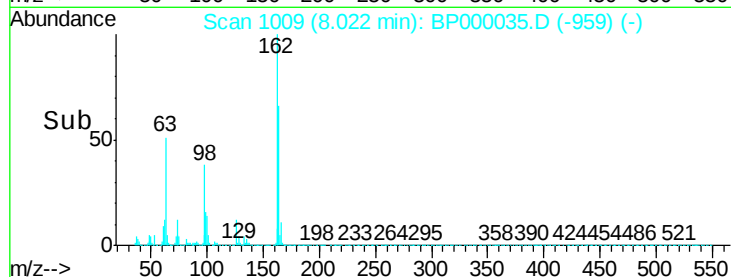
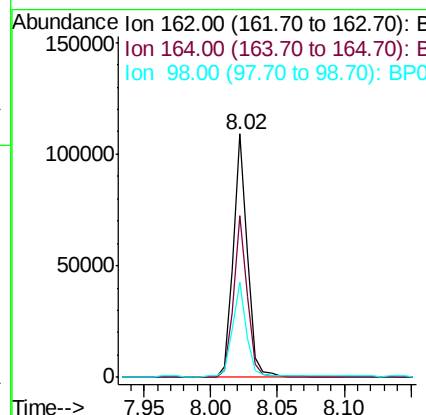
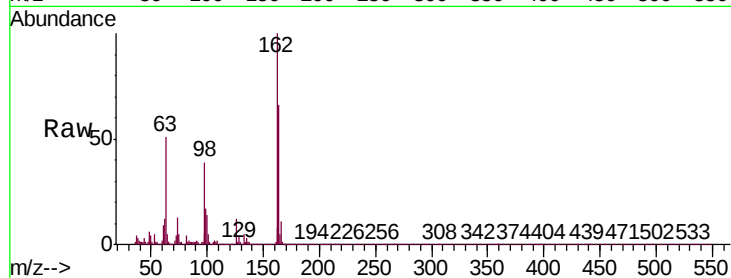




#29
2,4-Dichlorophenol
Concen: 3.591 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

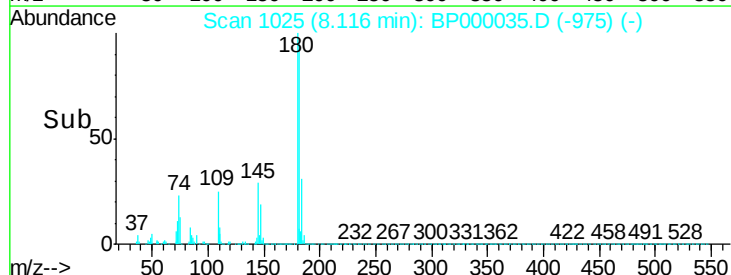
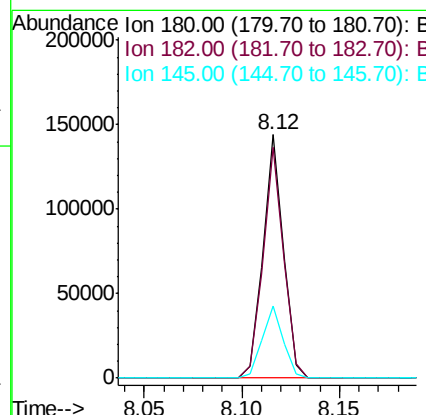
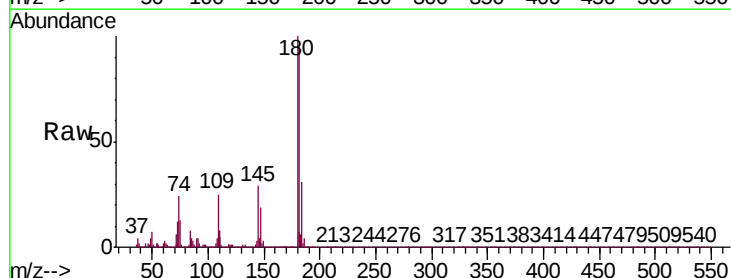
Instrument :
ClientSampled :
MDL-W-04

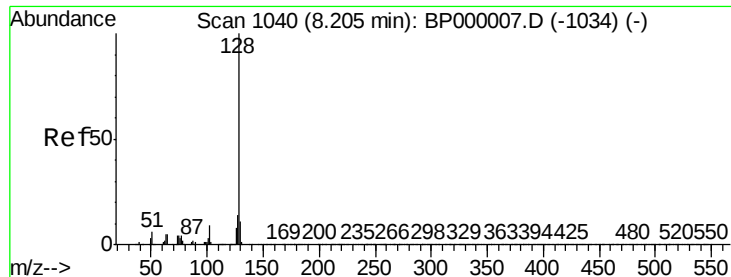
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.2	44.2	84.2
98	38.9	18.7	58.7



#30
1,2,4-Trichlorobenzene
Concen: 3.942 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.7	115.1
145	29.4	24.8	37.2

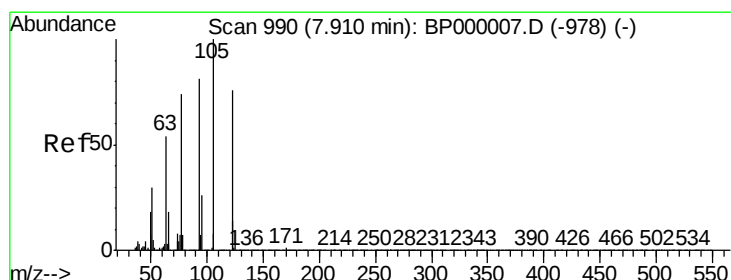
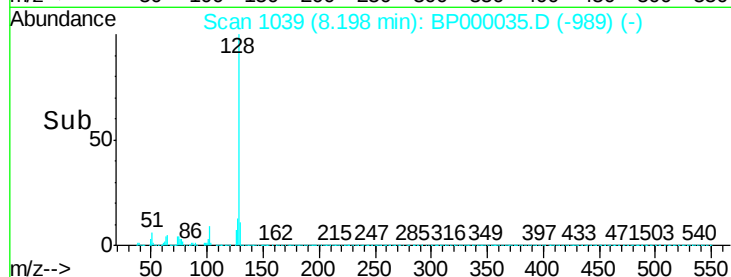
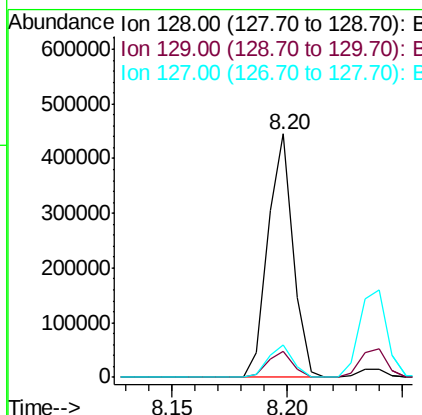
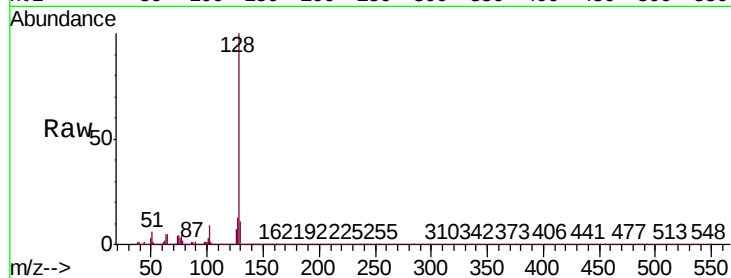




#31
Naphthalene
Concen: 4.526 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

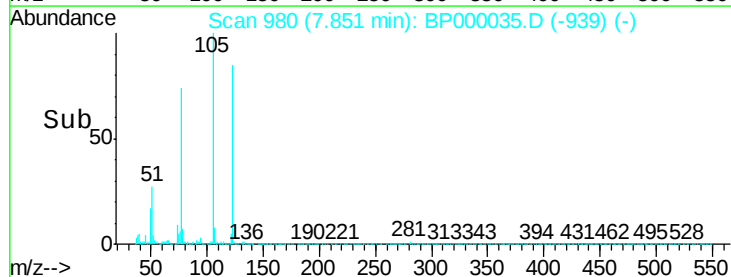
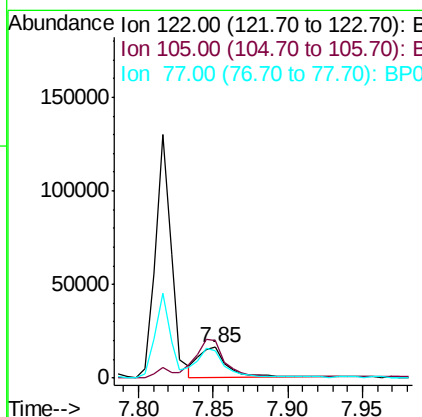
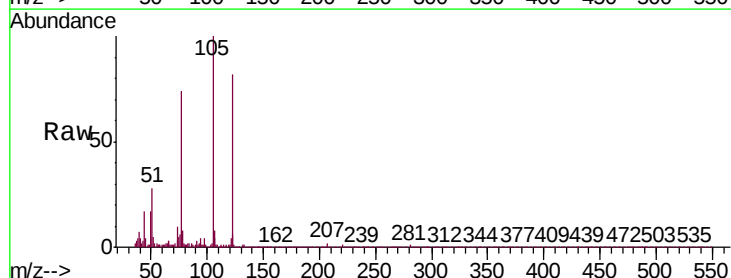
Instrument :
ClientSampled :
MDL-W-04

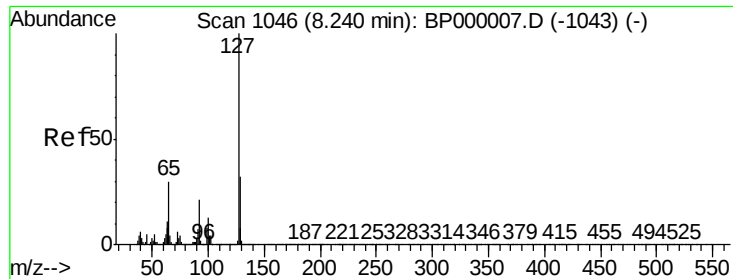
Tgt Ion:	128	Resp:	336432
Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	13.2	11.0	16.6



#32
Benzoic acid
Concen: 9.223 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.06 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

Tgt Ion:	122	Resp:	21012
Ion	Ratio	Lower	Upper
122	100		
105	121.3	104.6	144.6
77	89.2	74.1	114.1

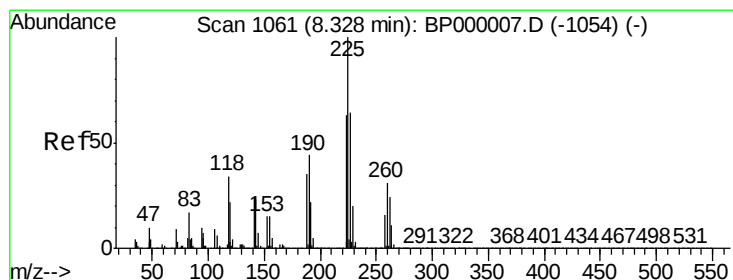
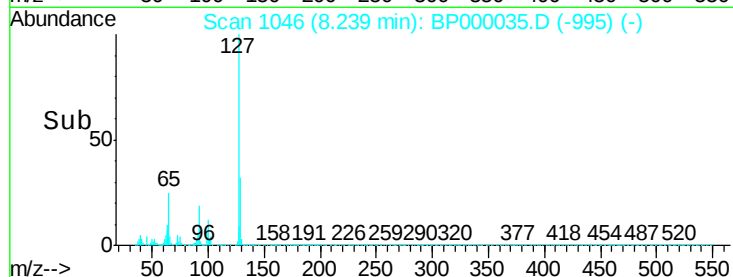
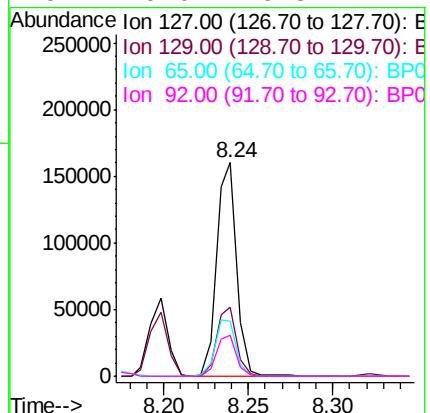
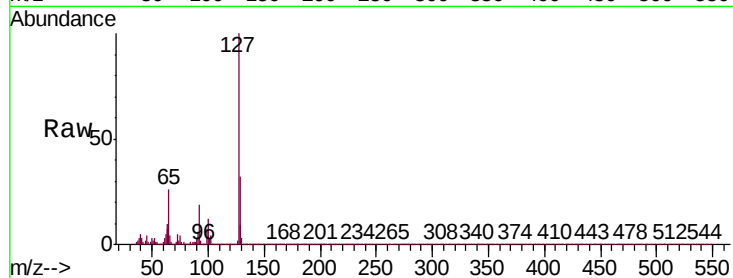




#33
4-Chloroaniline
Concen: 3.785 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

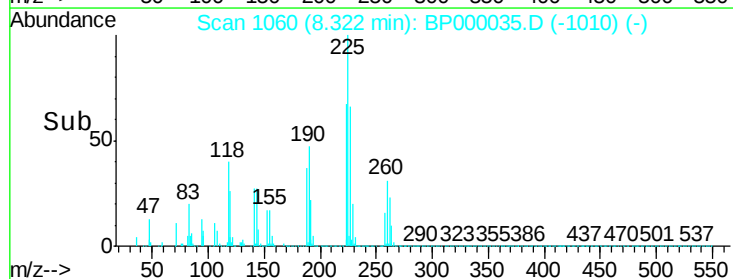
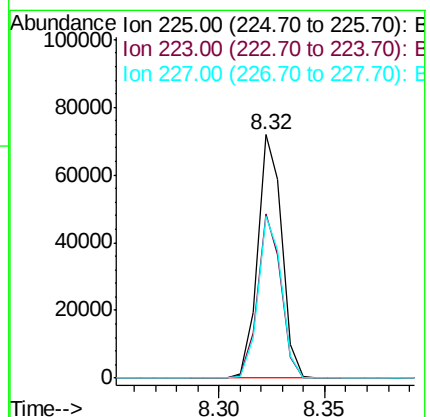
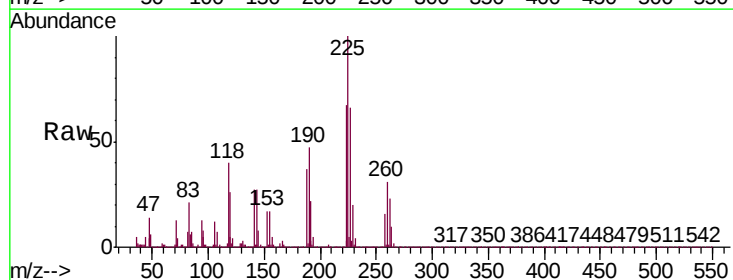
Instrument :
ClientSampleId :
MDL-W-04

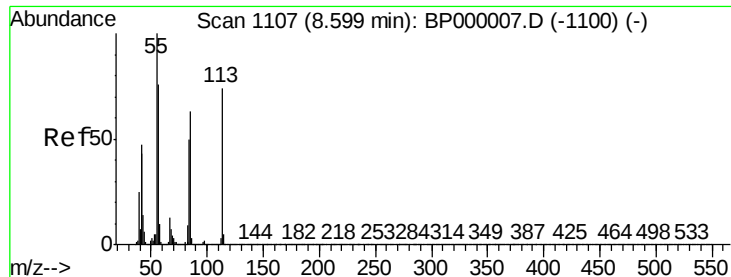
Tgt Ion:	127	Resp:	132684
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.6
65	25.5	24.2	36.2
92	19.0	16.5	24.7



#34
Hexachlorobutadiene
Concen: 3.854 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

Tgt Ion:	225	Resp:	57211
Ion	Ratio	Lower	Upper
225	100		
223	67.5	50.6	76.0
227	66.4	51.0	76.4

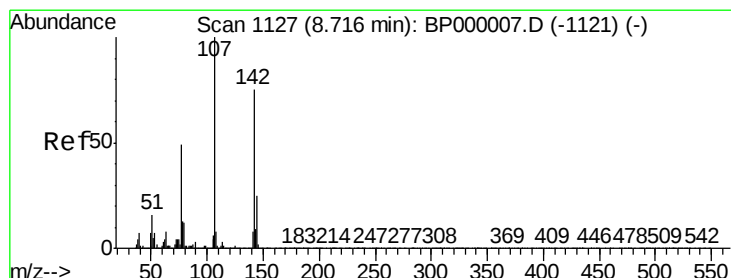
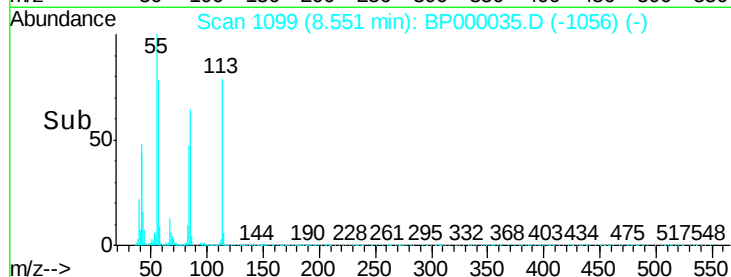
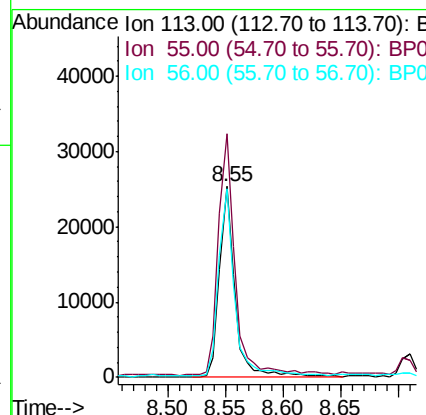
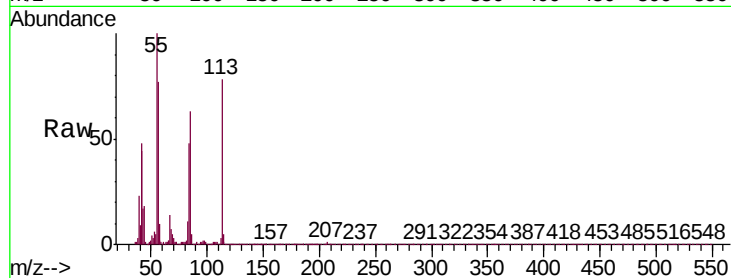




#35
 Caprolactam
 Concen: 2.907 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.05 min
 Lab File: BP000035.D
 Acq: 31 Aug 2019 10:25

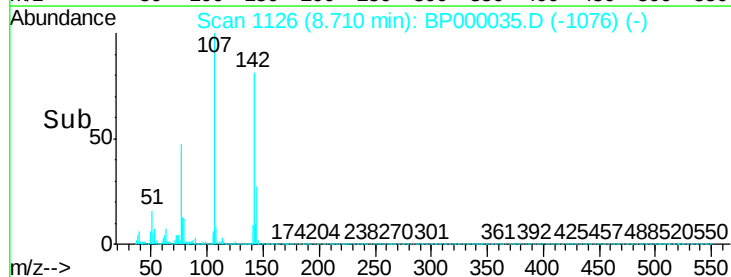
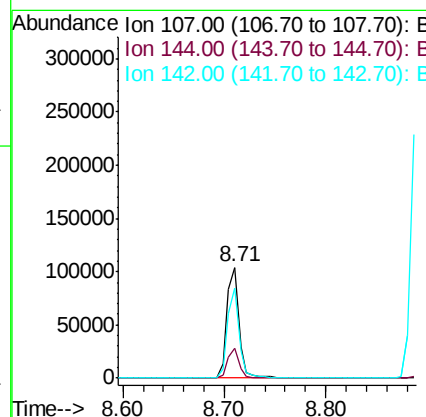
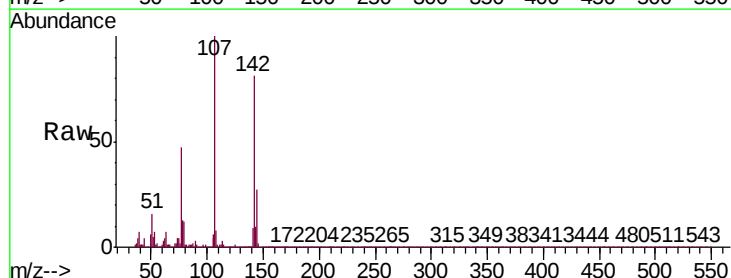
Instrument :
 ClientSampleId :
 MDL-W-04

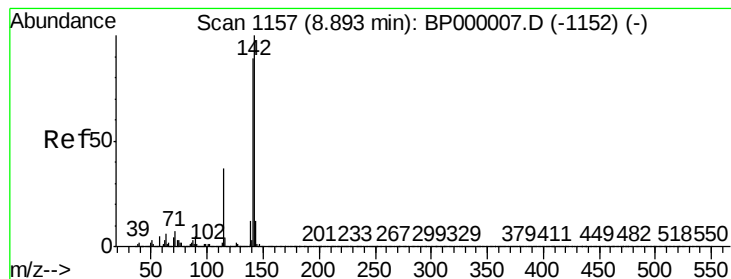
Tgt Ion:113 Resp: 23893
 Ion Ratio Lower Upper
 113 100
 55 127.6 114.6 154.6
 56 98.8 82.1 122.1



#36
 4-Chloro-3-methylphenol
 Concen: 3.498 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BP000035.D
 Acq: 31 Aug 2019 10:25

Tgt Ion:107 Resp: 88217
 Ion Ratio Lower Upper
 107 100
 144 27.0 19.8 29.6
 142 81.1 60.4 90.6





#37

2-Methylnaphthalene

Concen: 4.246 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

Instrument :

ClientSampled :

MDL-W-04

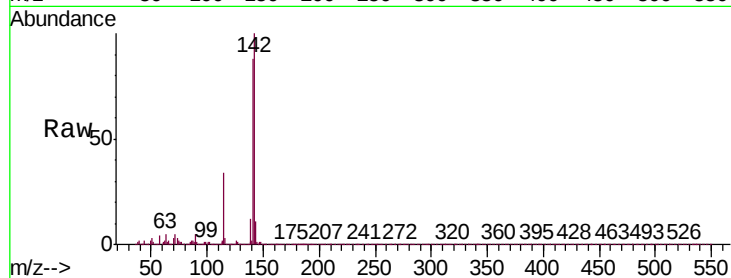
Tgt Ion:142 Resp: 220549

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.4

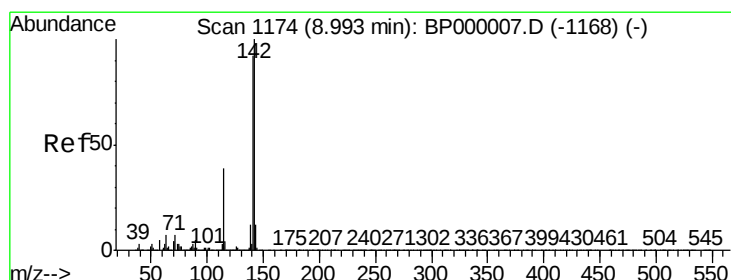
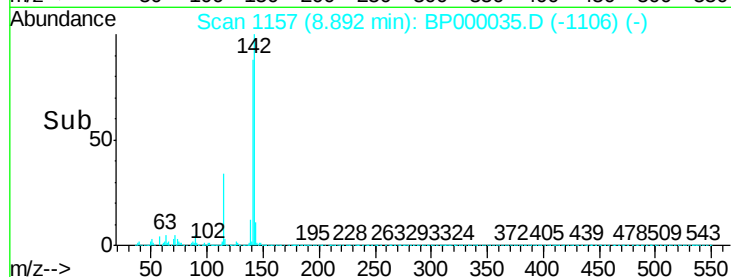
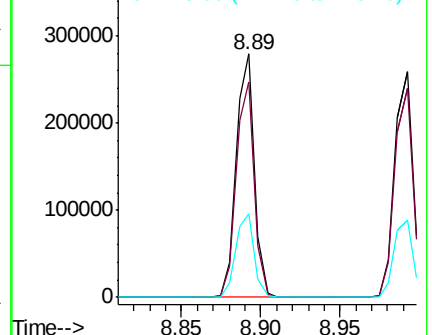
115 34.1 29.4 44.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 4.223 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

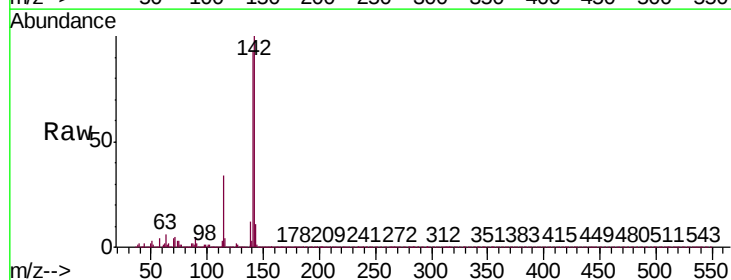
Tgt Ion:142 Resp: 206695

Ion Ratio Lower Upper

142 100

141 92.8 73.6 110.4

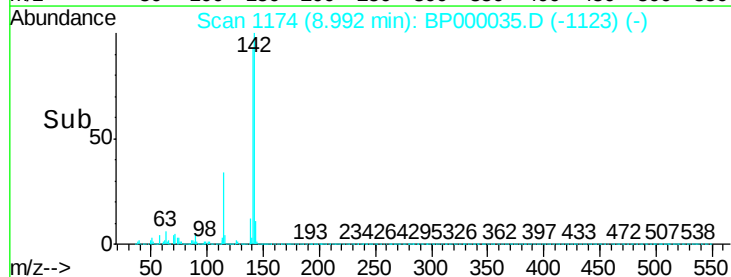
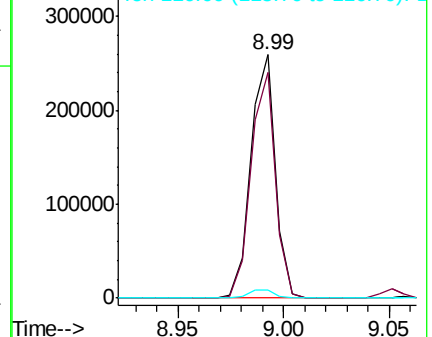
116 3.5 3.4 5.0

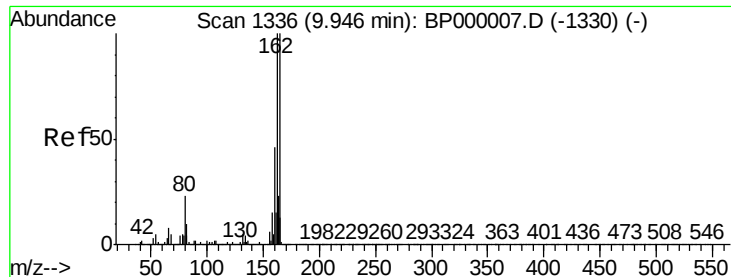


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

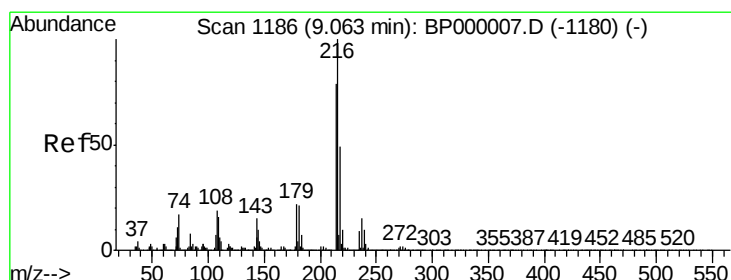
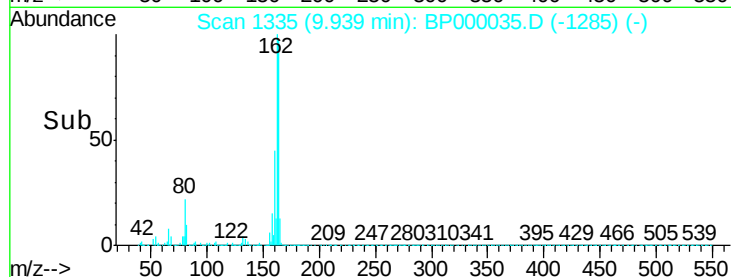
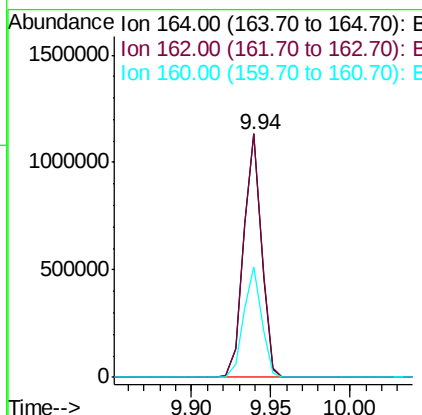
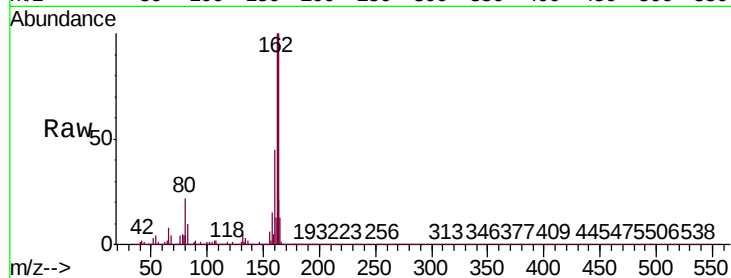




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

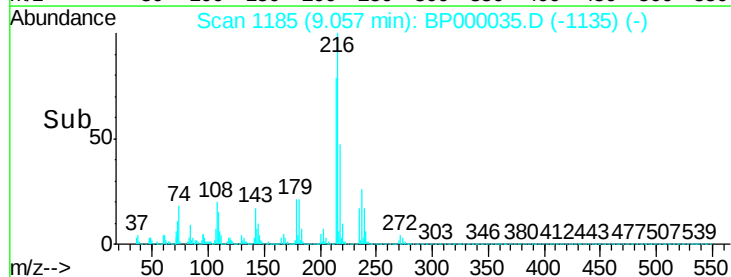
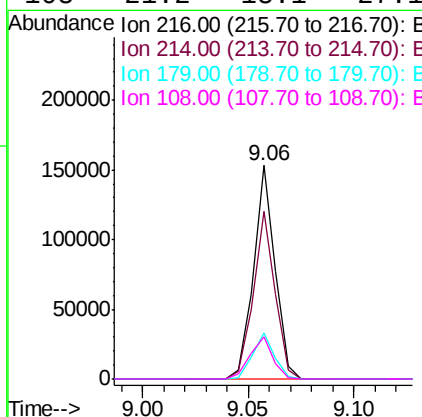
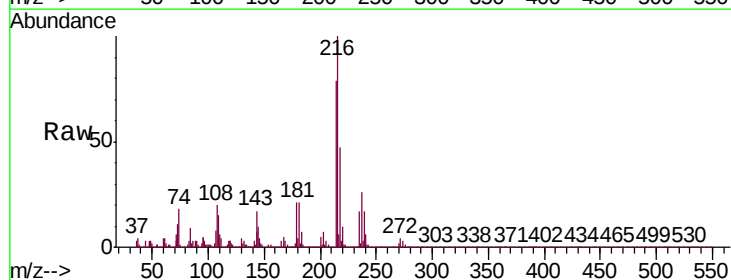
Instrument :
ClientSampled :
MDL-W-04

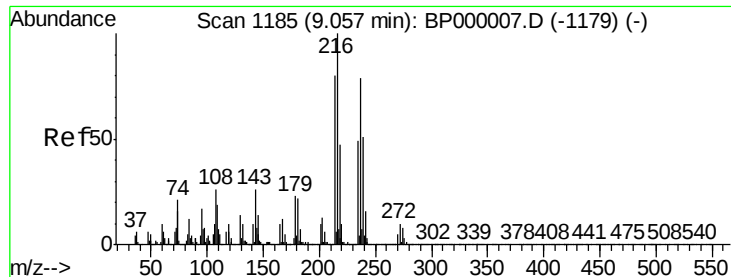
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.2	120.4
160	45.4	36.6	55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.375 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.2
179	21.6	17.8	26.6
108	21.2	18.1	27.1

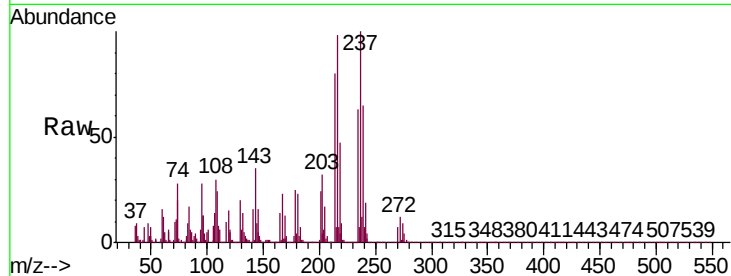




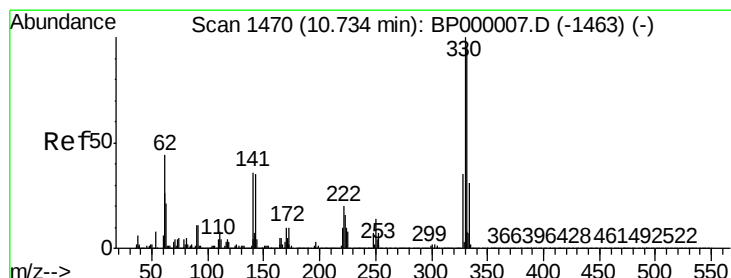
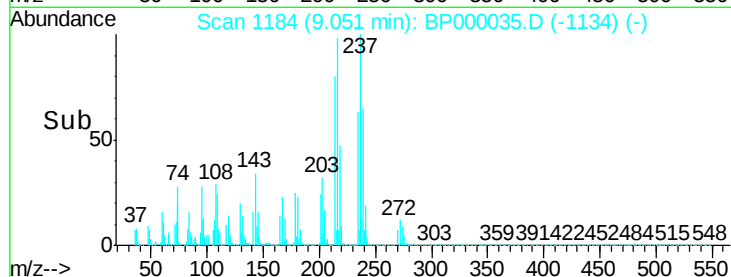
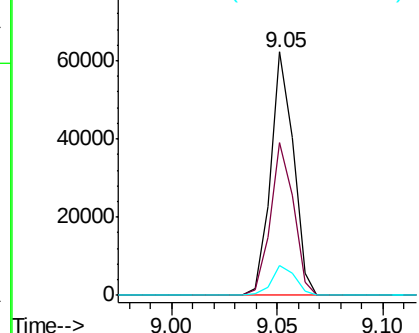
#41
Hexachlorocyclopentadiene
Concen: 3.443 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

Instrument :
ClientSampled :
MDL-W-04

Tgt Ion:237 Resp: 46944
Ion Ratio Lower Upper
237 100
235 62.7 42.0 82.0
272 12.1 0.0 33.1

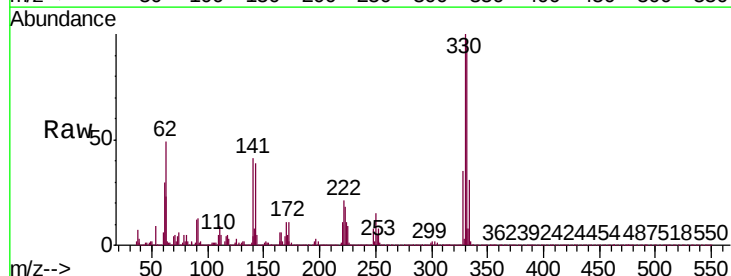


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

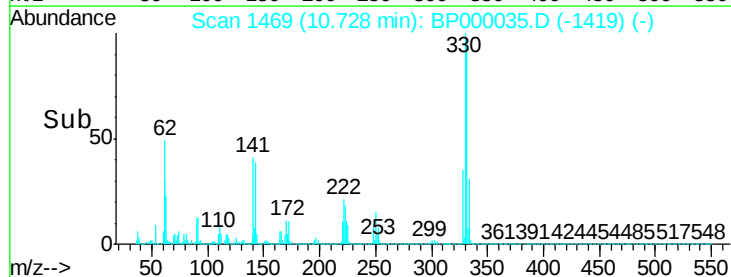
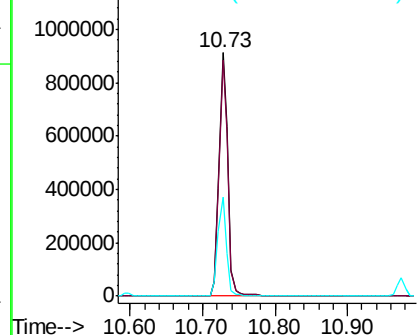


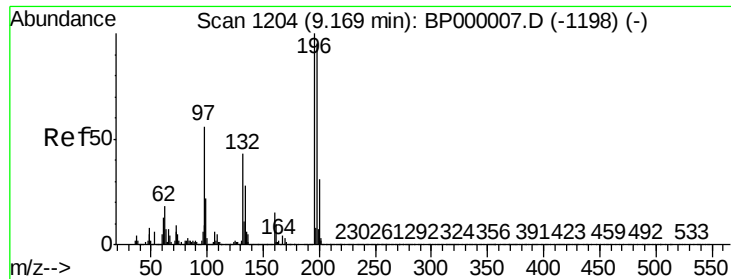
#42
2,4,6-Tribromophenol
Concen: 105.196 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

Tgt Ion:330 Resp: 775761
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 40.3 33.6 50.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

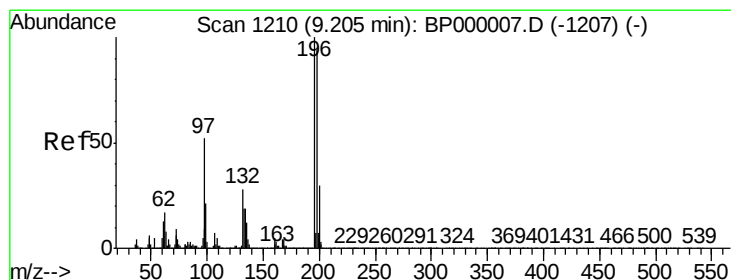
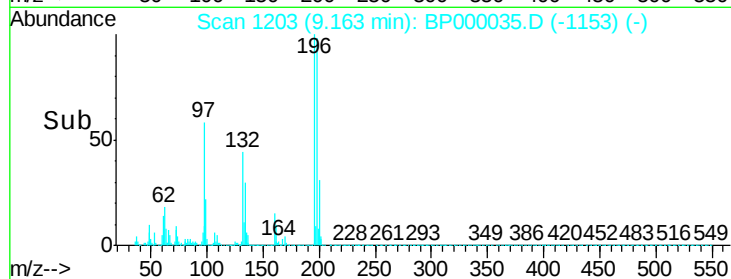
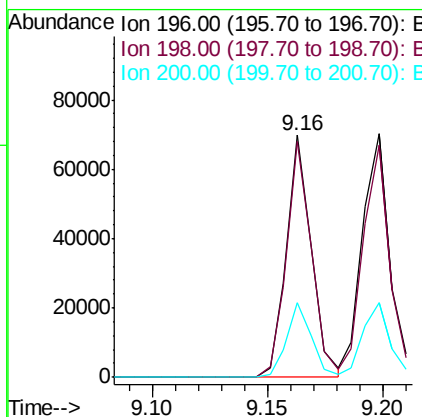
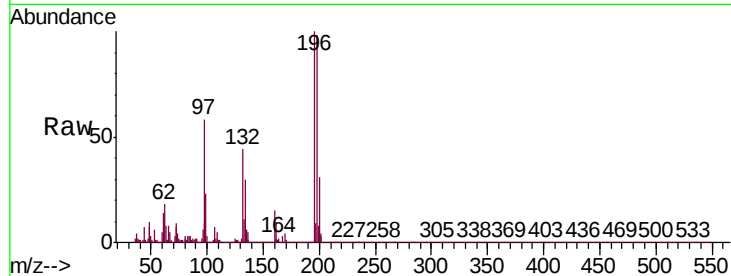




#43
 2,4,6-Trichlorophenol
 Concen: 3.040 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BP000035.D
 Acq: 31 Aug 2019 10:25

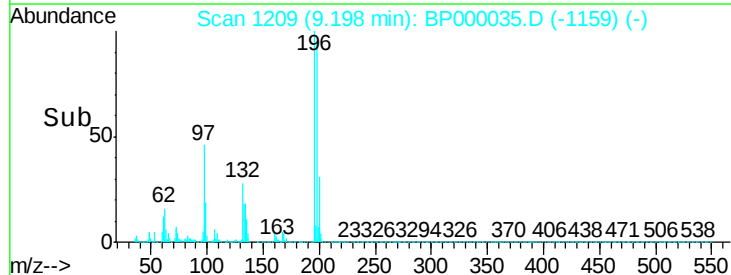
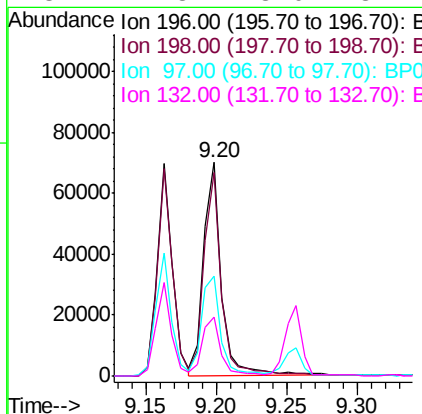
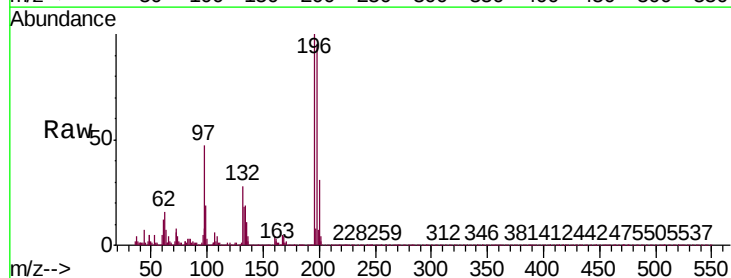
Instrument :
 ClientSampled :
 MDL-W-04

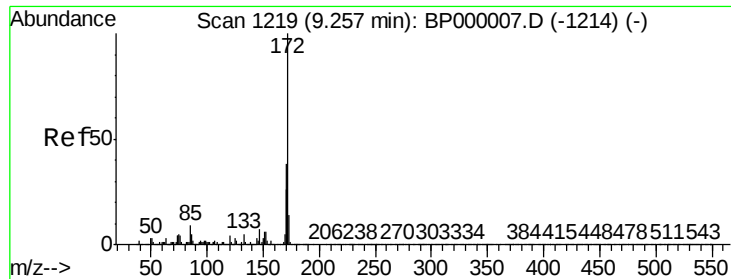
Tgt Ion:196 Resp: 51921
 Ion Ratio Lower Upper
 196 100
 198 97.6 76.2 114.2
 200 30.8 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 3.426 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BP000035.D
 Acq: 31 Aug 2019 10:25

Tgt Ion:196 Resp: 61221
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.9 112.3
 97 46.5 42.2 63.2
 132 27.8 23.0 34.4

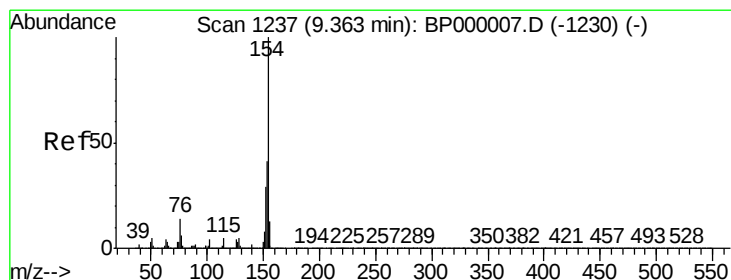
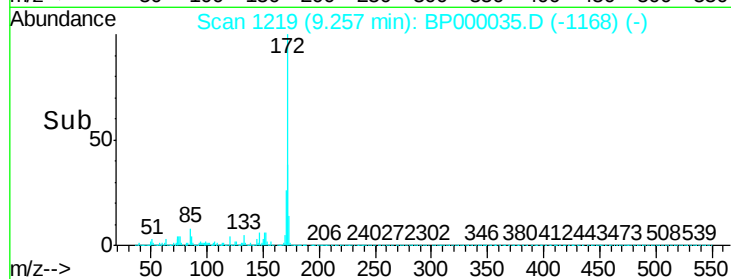
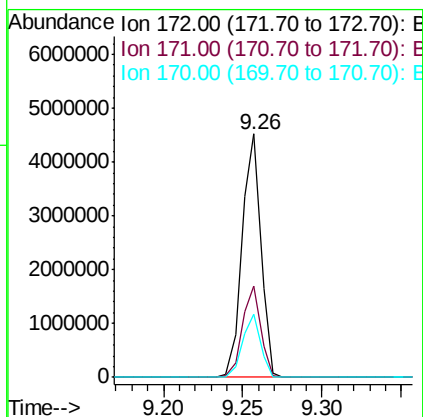
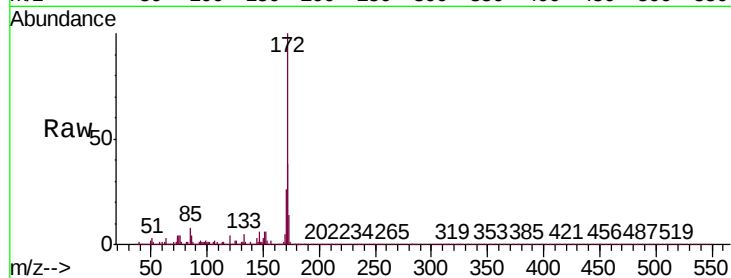




#45
2-Fluorobiphenyl
Concen: 70.362 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

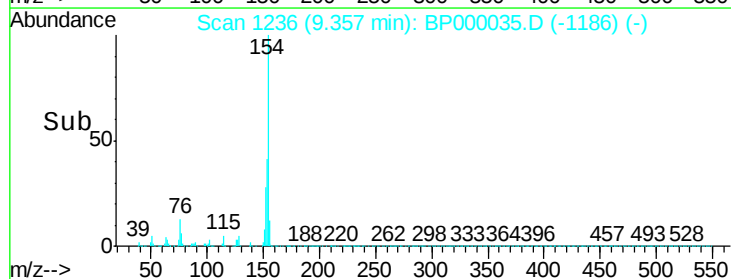
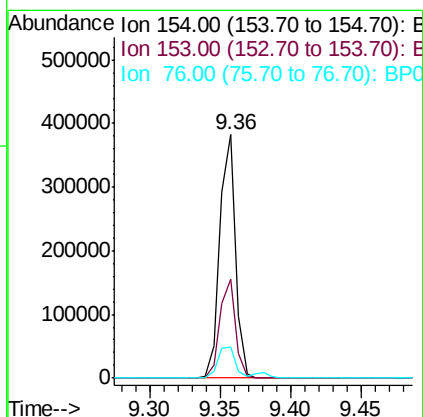
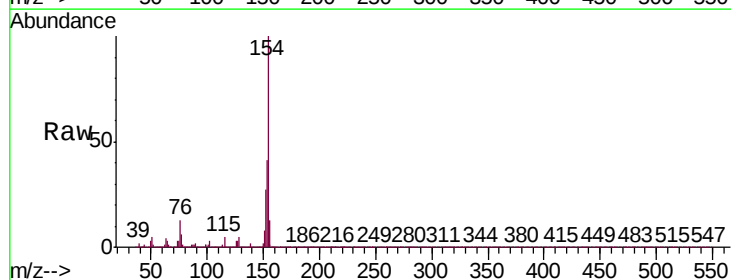
Instrument :
ClientSampleId :
MDL-W-04

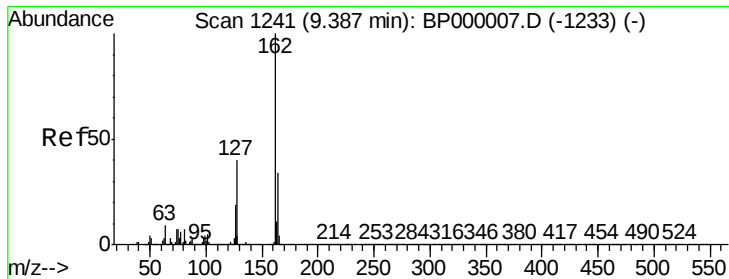
Tgt Ion:172 Resp: 3686156
Ion Ratio Lower Upper
172 100
171 37.7 30.7 46.1
170 25.8 20.7 31.1



#46
1,1'-Biphenyl
Concen: 4.762 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

Tgt Ion:154 Resp: 294114
Ion Ratio Lower Upper
154 100
153 40.6 21.1 61.1
76 12.8 0.0 33.7

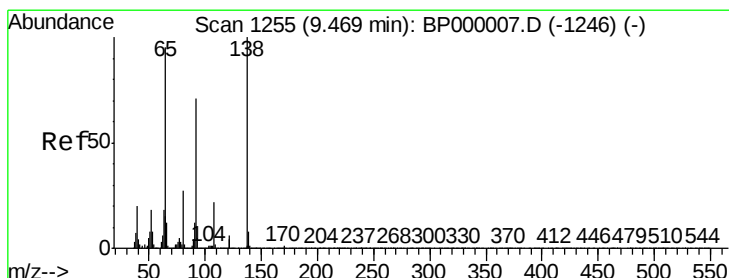
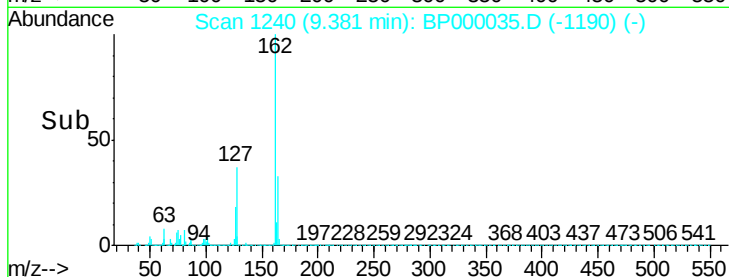
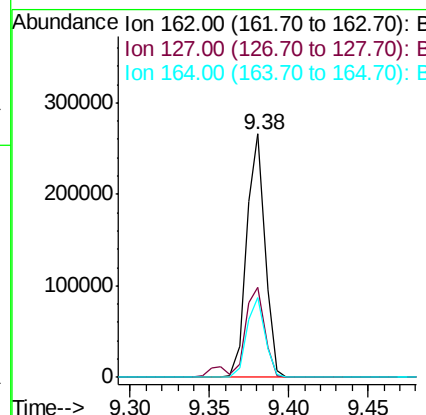
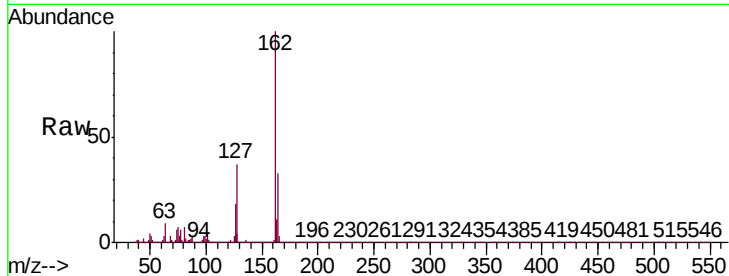




#47
2-Chloronaphthalene
Concen: 4.118 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

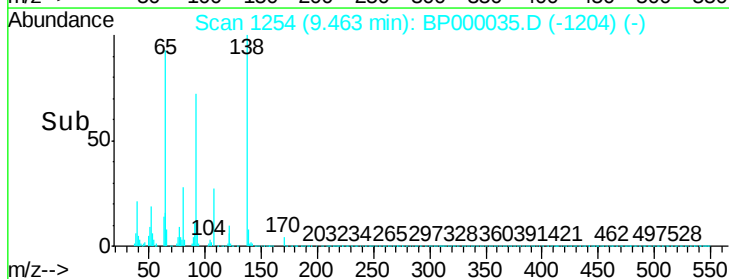
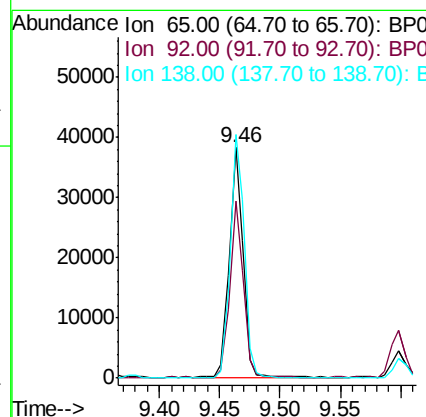
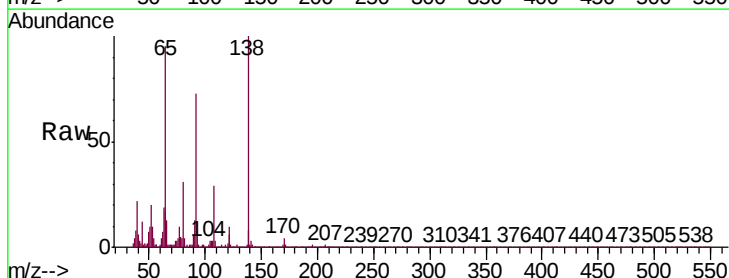
Instrument :
ClientSampled :
MDL-W-04

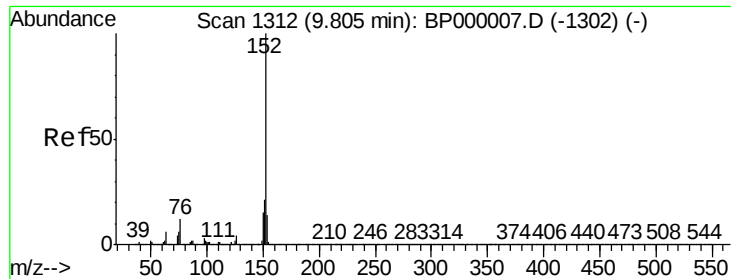
Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.2	32.2	48.4
164	33.0	26.9	40.3



#48
2-Nitroaniline
Concen: 2.165 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.7	60.3	90.5
138	105.7	84.5	126.7

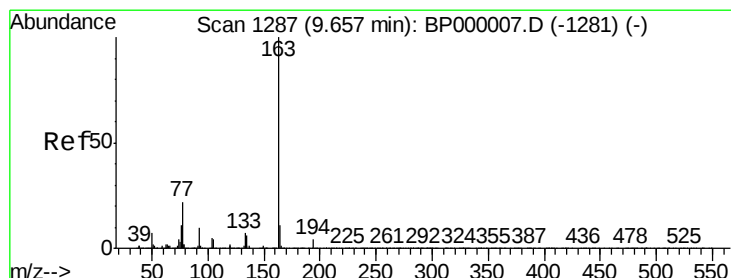
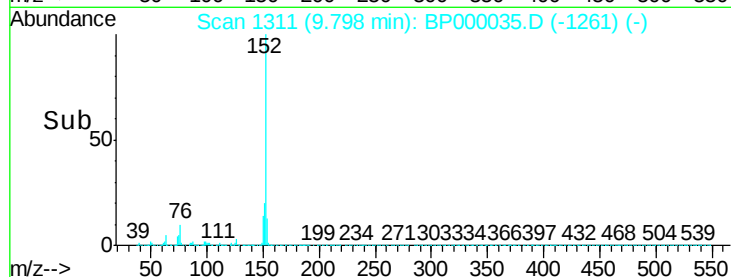
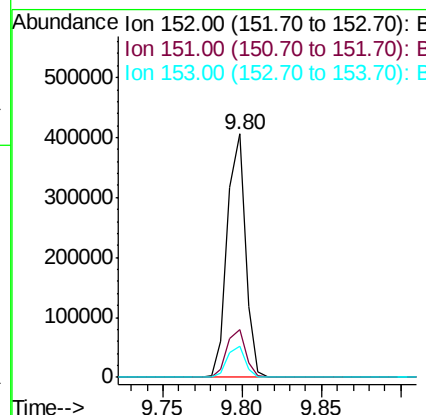
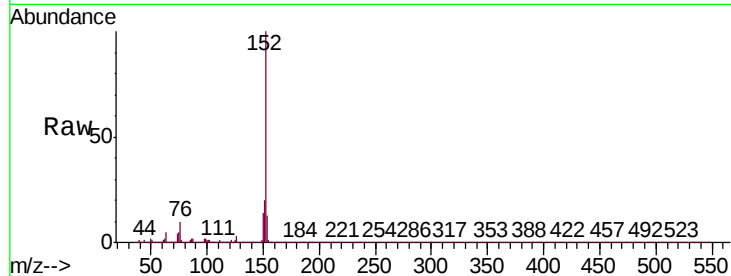




#49
Acenaphthylene
Concen: 4.257 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

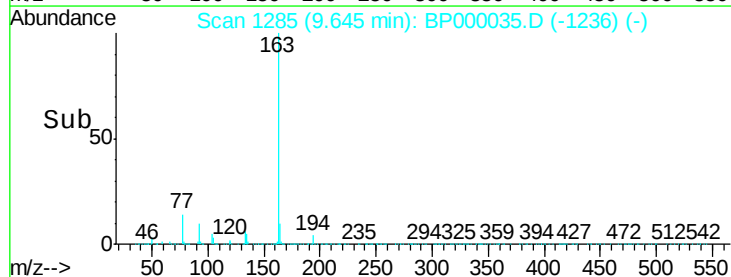
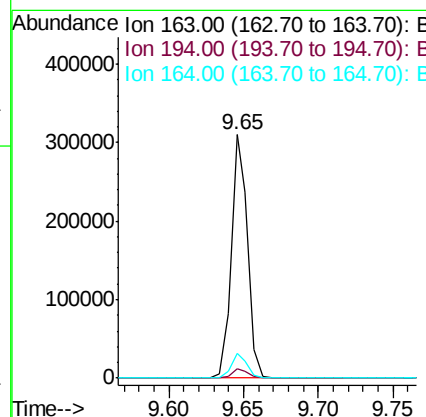
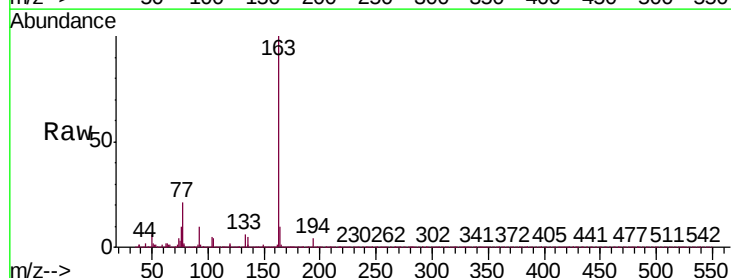
Instrument :
ClientSampled :
MDL-W-04

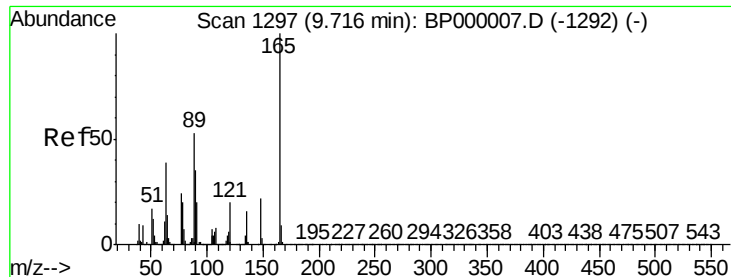
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	17.0	25.6
153	12.9	11.0	16.6



#50
Dimethylphthalate
Concen: 3.987 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.1	8.4	12.6

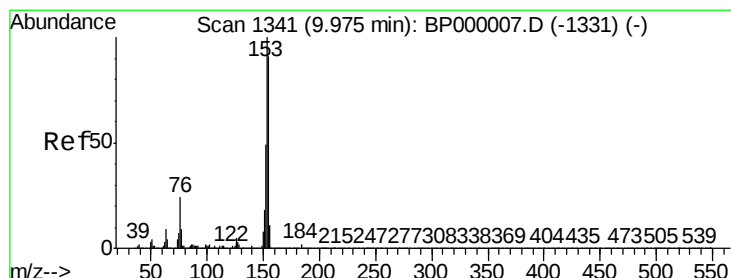
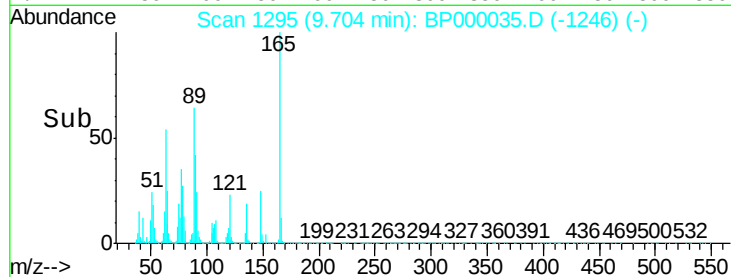
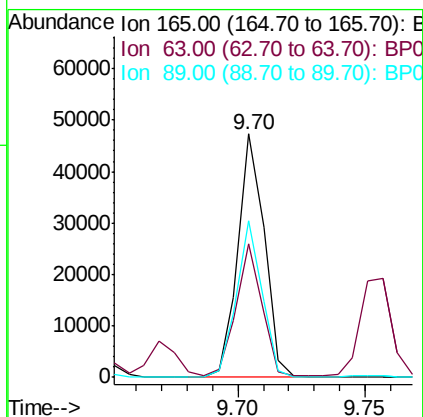
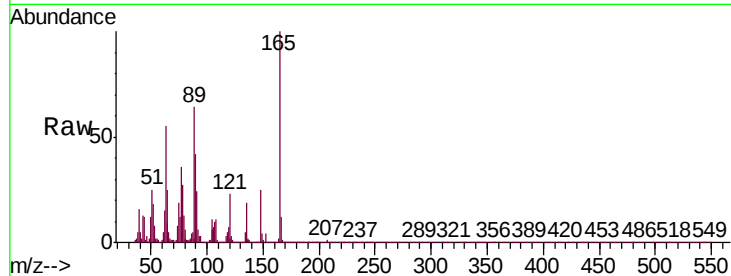




#51
 2,6-Dinitrotoluene
 Concen: 2.703 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BP000035.D
 Acq: 31 Aug 2019 10:25

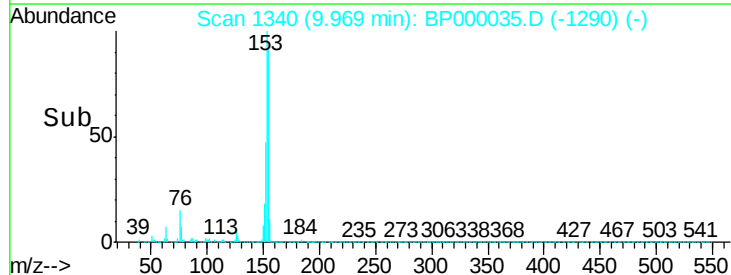
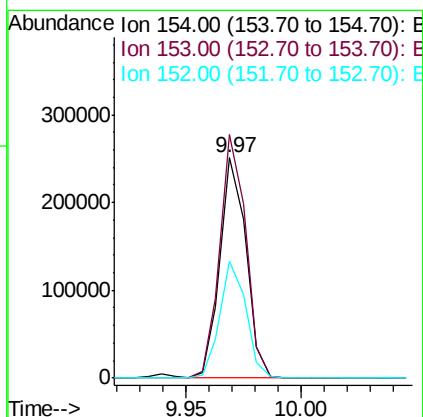
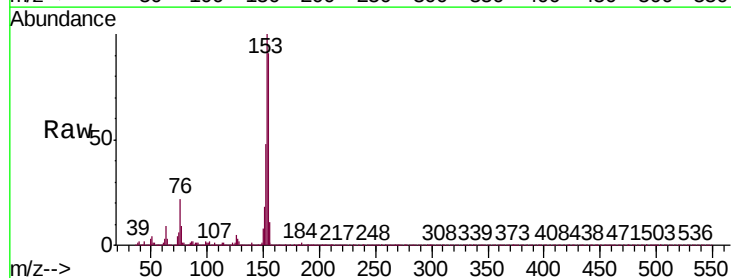
Instrument :
 ClientSampled :
 MDL-W-04

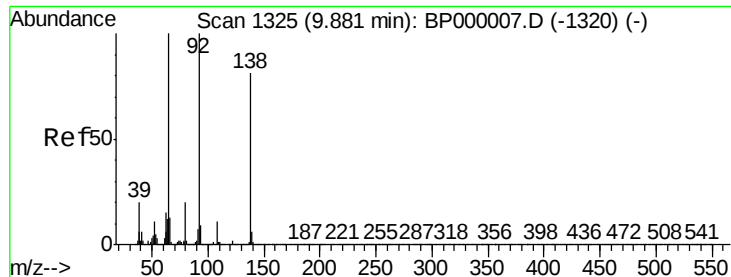
Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.8	35.8	53.6#
89	64.4	42.2	63.4#



#52
 Acenaphthene
 Concen: 4.110 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BP000035.D
 Acq: 31 Aug 2019 10:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.4	88.2	132.2
152	52.9	42.9	64.3

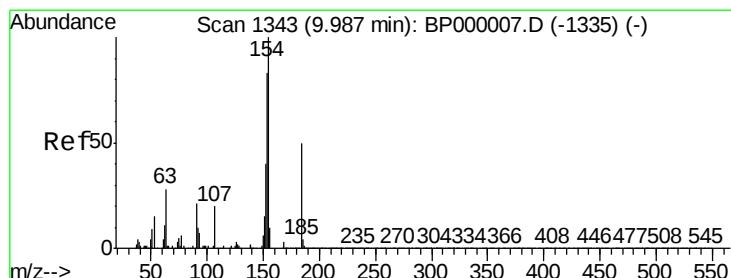
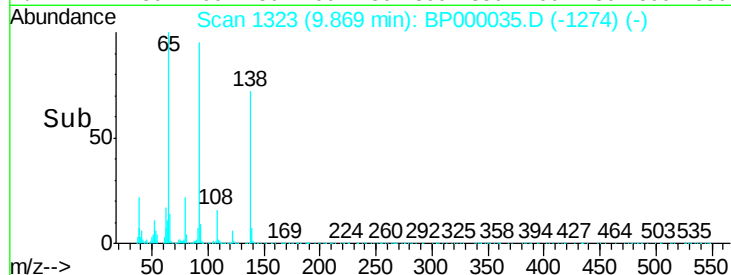
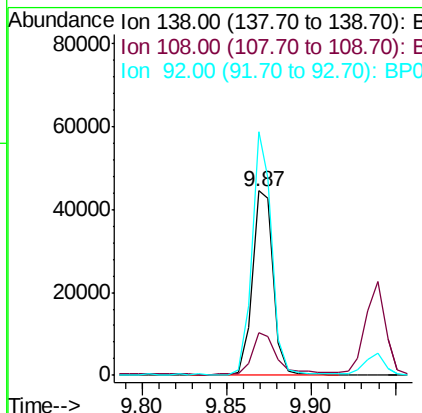
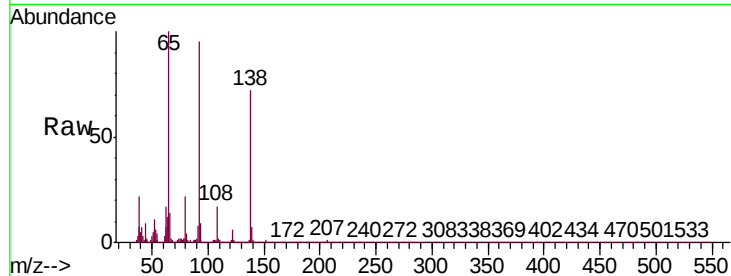




#53
3-Nitroaniline
Concen: 2.551 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

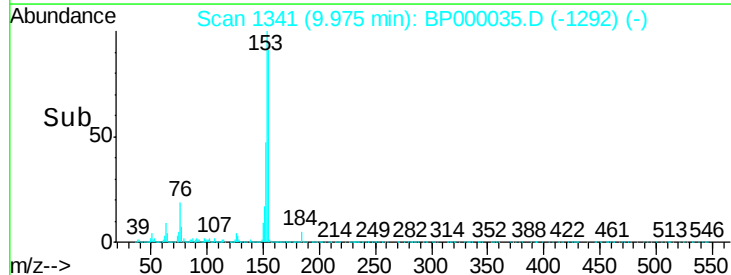
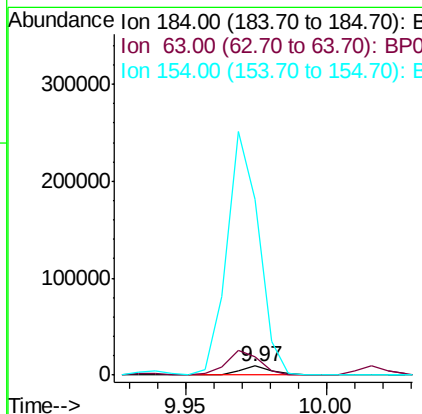
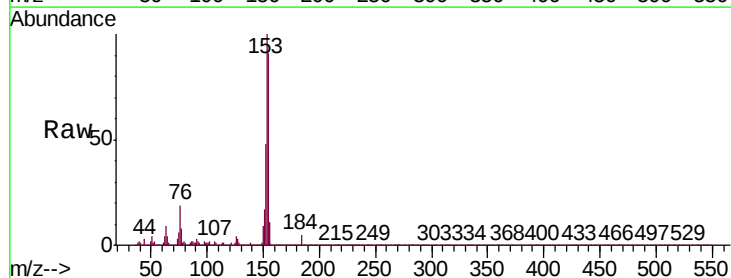
Instrument :
Client Sampled :
MDL-W-04

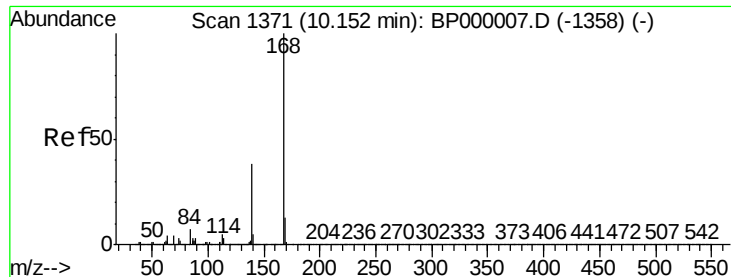
Tgt Ion: 138 Resp: 38567
Ion Ratio Lower Upper
138 100
108 23.0 11.0 16.4#
92 132.1 98.2 147.4



#54
2,4-Dinitrophenol
Concen: 9.970 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

Tgt Ion: 184 Resp: 7032
Ion Ratio Lower Upper
184 100
63 194.8 46.0 69.0#
154 1893.4 161.9 242.9#





#55

Dibenzofuran

Concen: 4.502 ng

RT: 10.15 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

Instrument :

ClientSampled :

MDL-W-04

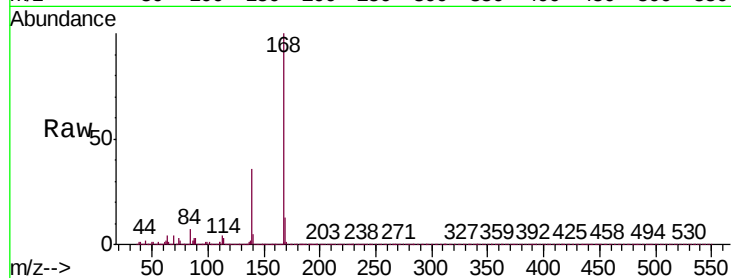
Tgt Ion:168 Resp: 305183

Ion Ratio Lower Upper

168 100

139 36.0 30.2 45.2

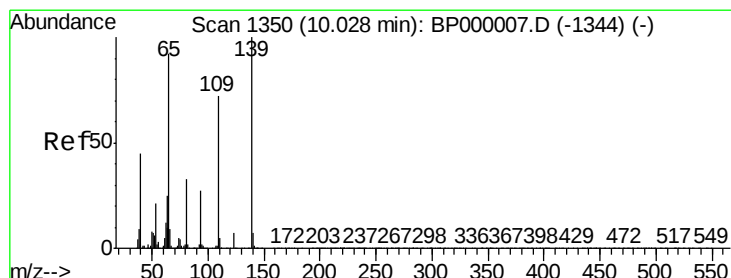
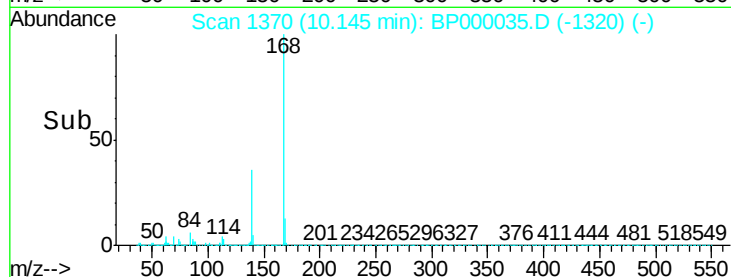
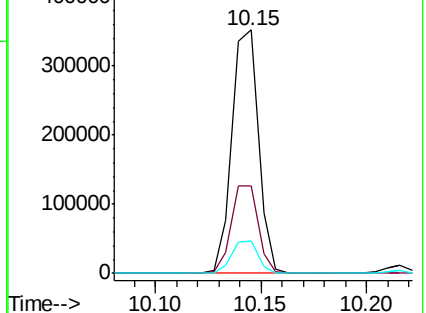
169 13.2 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 2.356 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

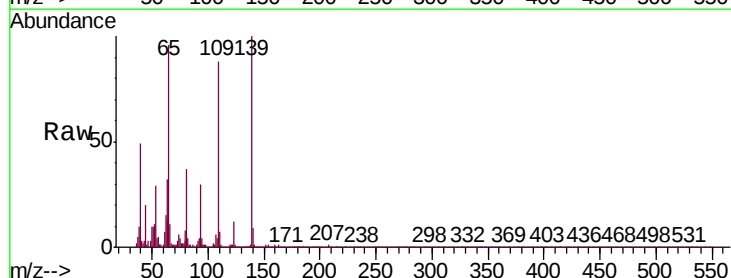
Tgt Ion:139 Resp: 25458

Ion Ratio Lower Upper

139 100

109 88.2 52.4 92.4

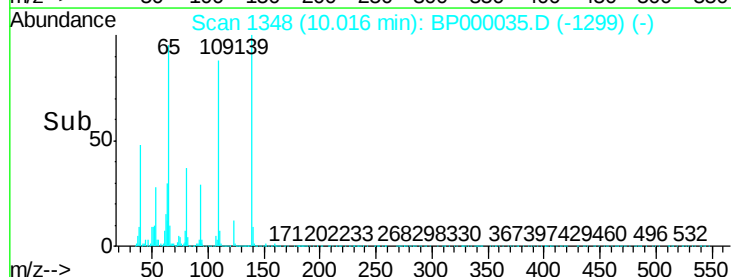
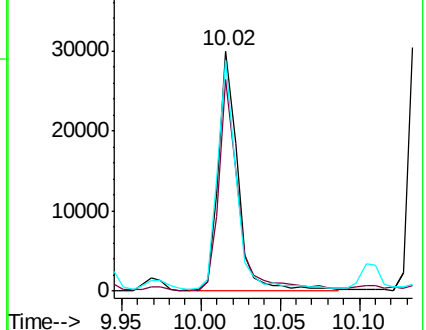
65 96.3 72.2 112.2

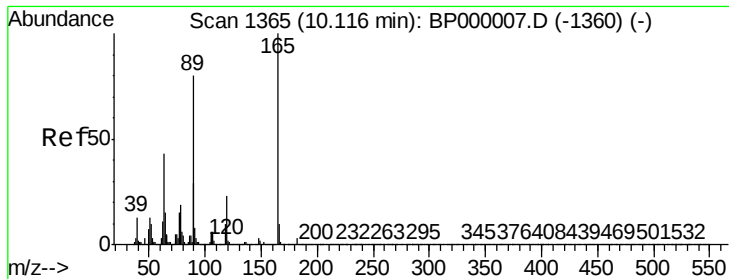


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

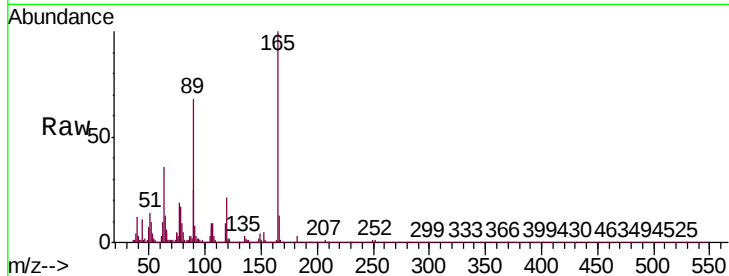




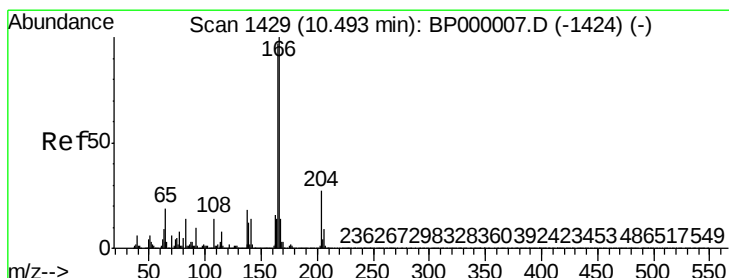
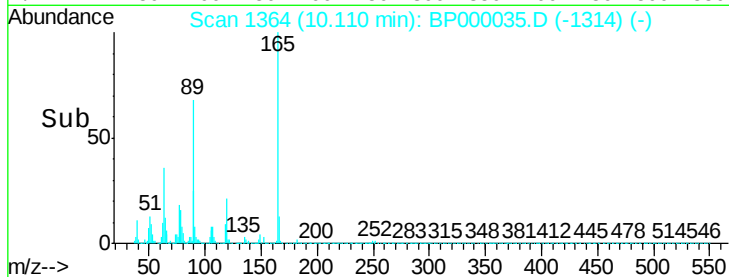
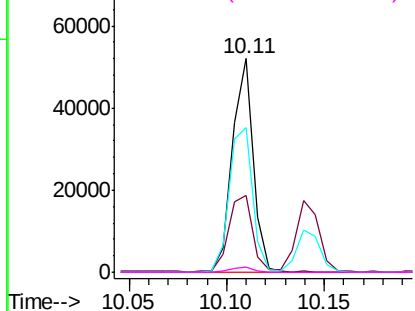
#57
2,4-Dinitrotoluene
Concen: 2.398 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

Instrument :
ClientSampled :
MDL-W-04

Tgt Ion:	165	Resp:	38740
Ion	Ratio	Lower	Upper
165	100		
63	36.1	34.4	51.6
89	67.9	64.3	96.5
182	2.6	2.2	3.4

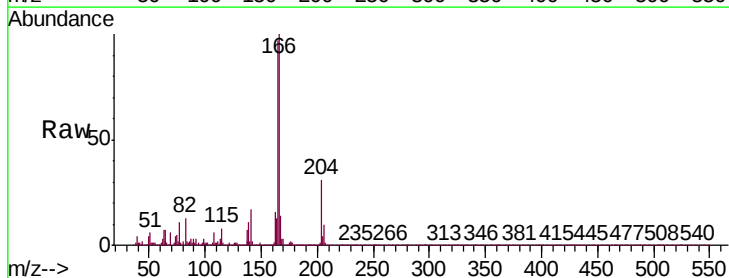


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

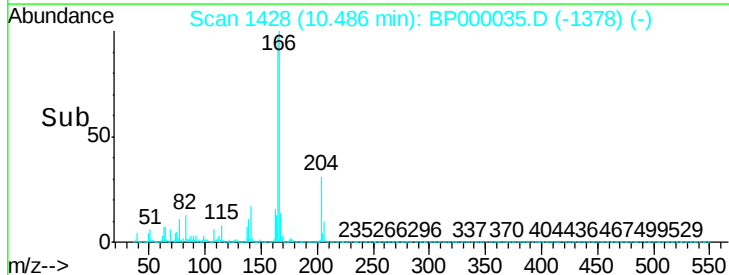
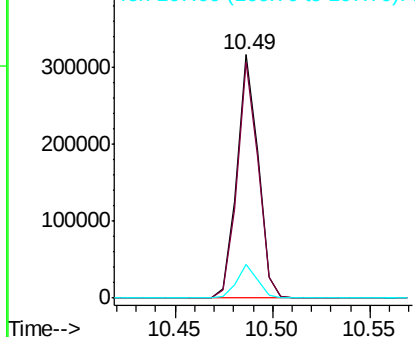


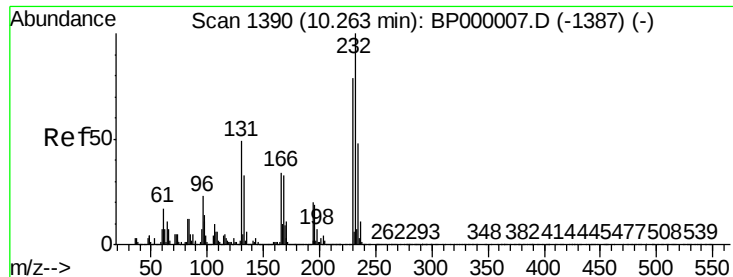
#58
Fluorene
Concen: 4.675 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

Tgt Ion:	166	Resp:	238476
Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.3	115.9
167	13.6	11.0	16.6



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

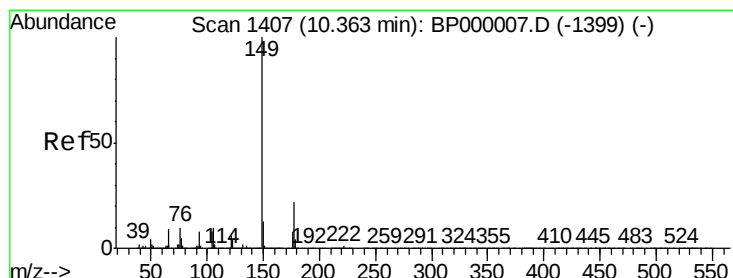
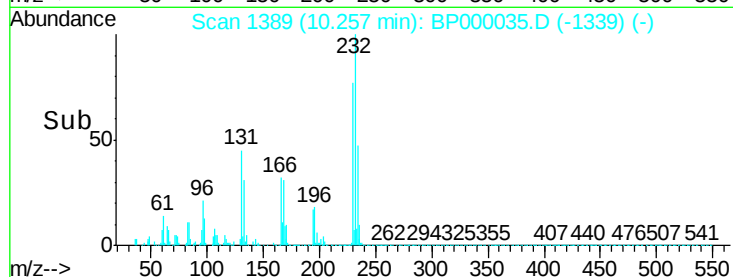
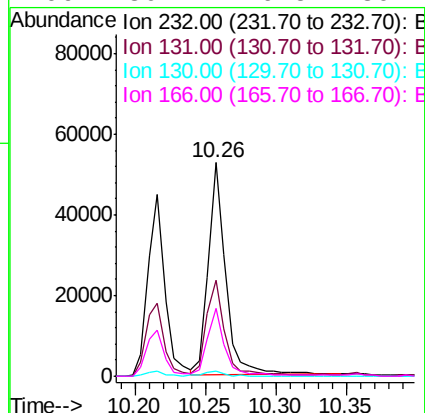
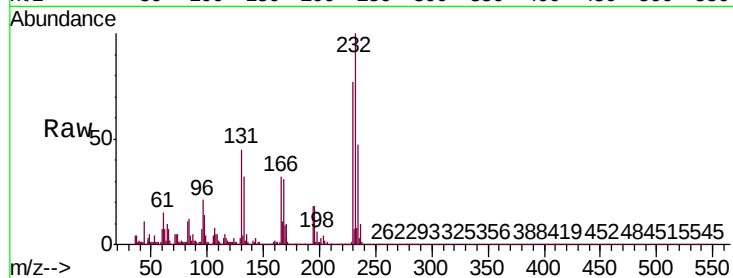




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 3.388 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BP000035.D
 Acq: 31 Aug 2019 10:25

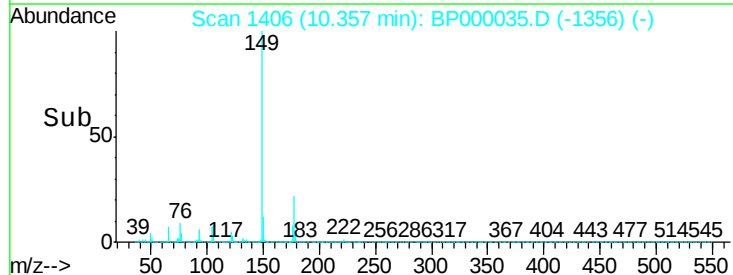
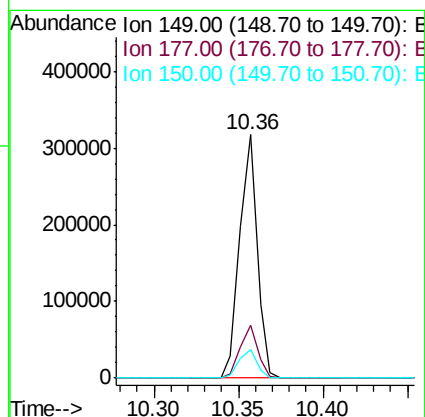
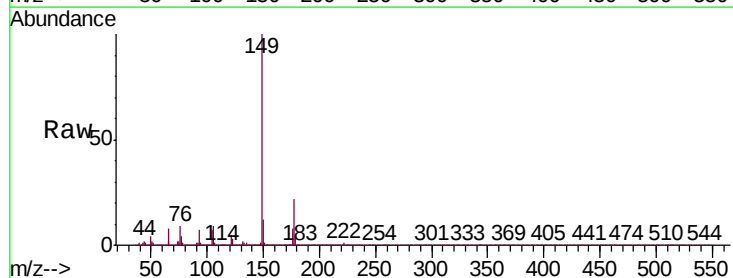
Instrument :
 ClientSampleId :
 MDL-W-04

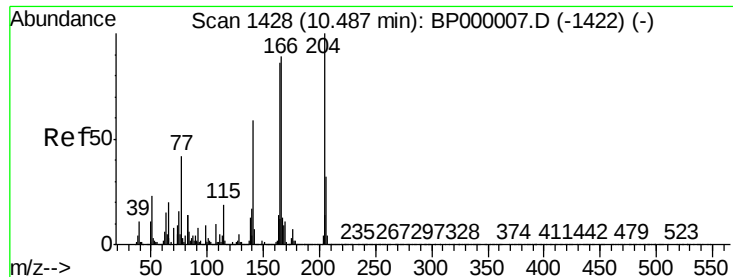
Tgt Ion:	232	Resp:	45839
Ion	Ratio	Lower	Upper
232	100		
131	47.3	39.3	58.9
130	2.8	2.1	3.1
166	30.7	26.5	39.7



#60
 Diethylphthalate
 Concen: 3.846 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BP000035.D
 Acq: 31 Aug 2019 10:25

Tgt Ion:	149	Resp:	229497
Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.3	25.9
150	12.0	10.3	15.5





#61

4-Chlorophenyl-phenylether

Concen: 4.309 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

Instrument :

ClientSampleId :

MDL-W-04

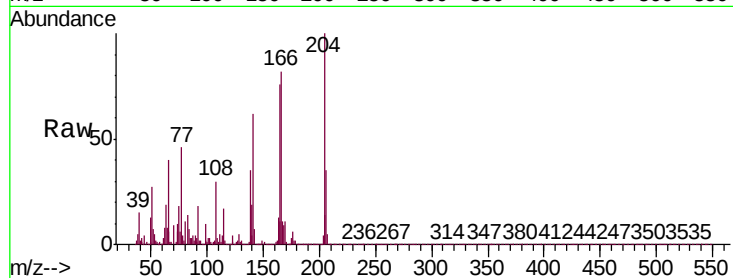
Tgt Ion: 204 Resp: 114272

Ion Ratio Lower Upper

204 100

206 34.7 26.0 39.0

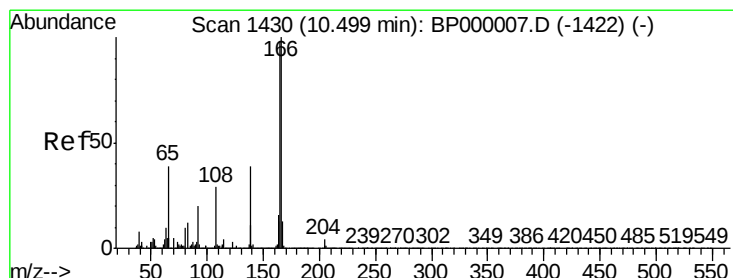
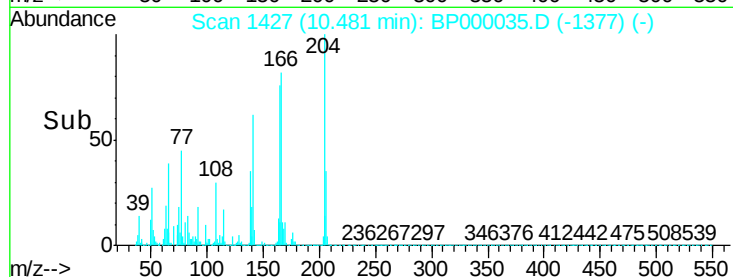
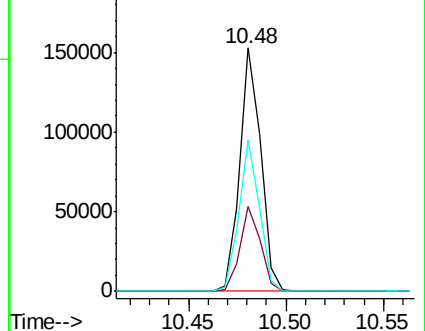
141 62.5 47.6 71.4



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: 2.865 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.02 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

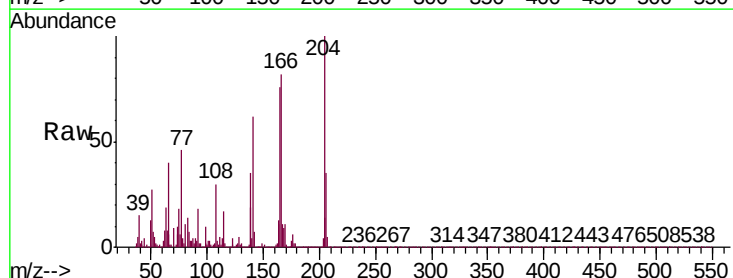
Tgt Ion: 138 Resp: 41306

Ion Ratio Lower Upper

138 100

92 50.3 32.8 72.8

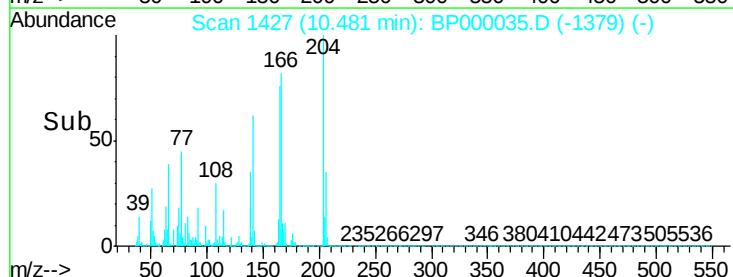
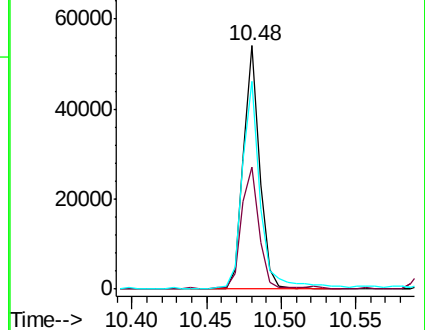
108 85.3 55.7 95.7

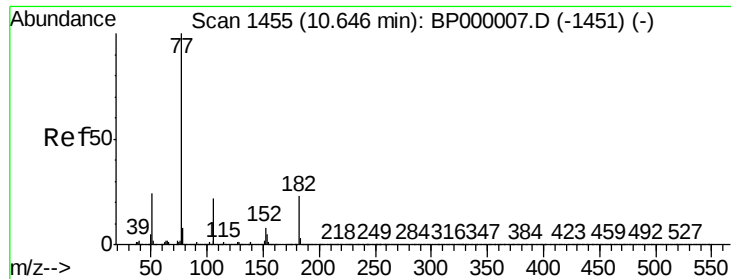


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E

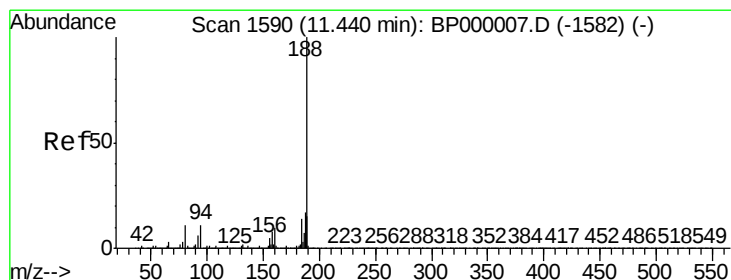
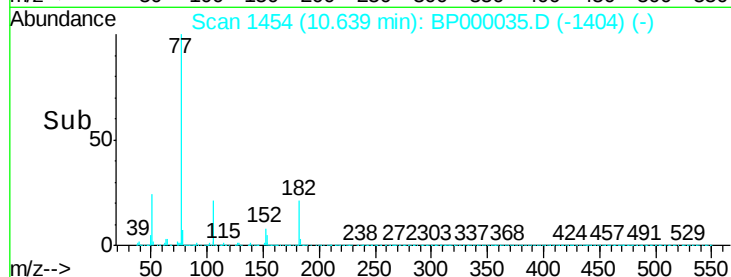
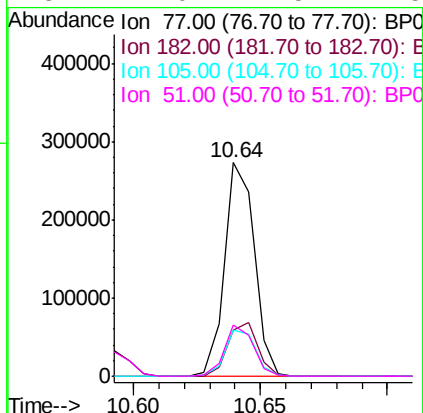
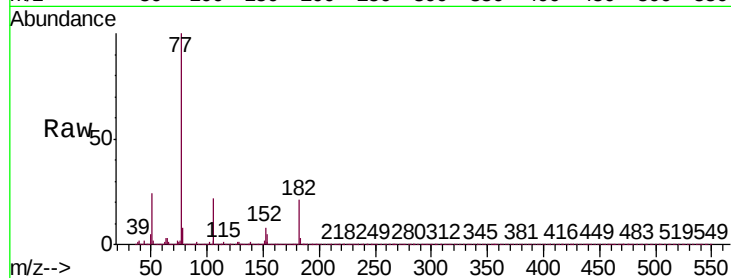




#63
Azobenzene
Concen: 3.885 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

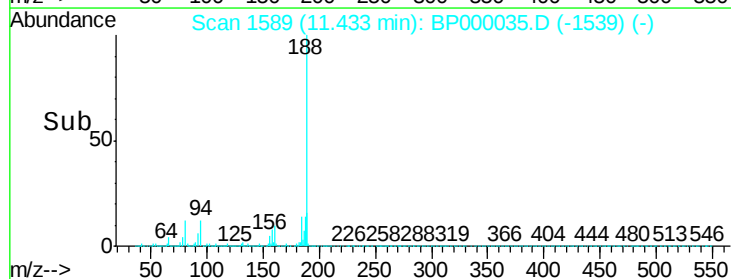
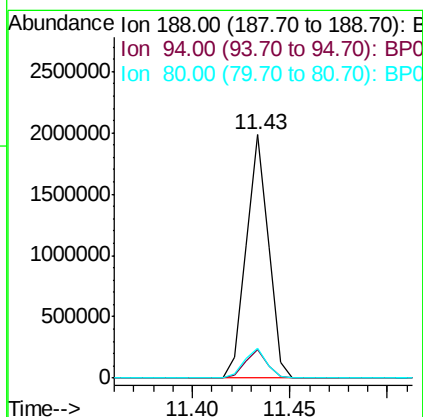
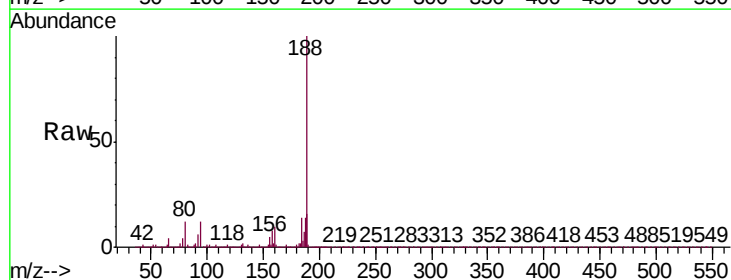
Instrument :
ClientSampled :
MDL-W-04

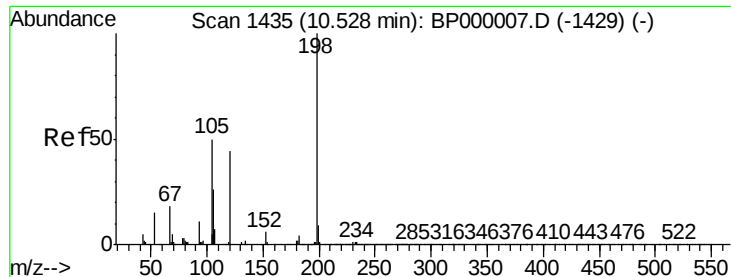
Tgt Ion:	77	Resp:	222033
Ion	Ratio	Lower	Upper
77	100		
182	21.3	2.6	42.6
105	21.6	2.3	42.3
51	24.0	4.5	44.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

Tgt Ion:	188	Resp:	1568288
Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.8	13.2
80	12.1	9.0	13.6

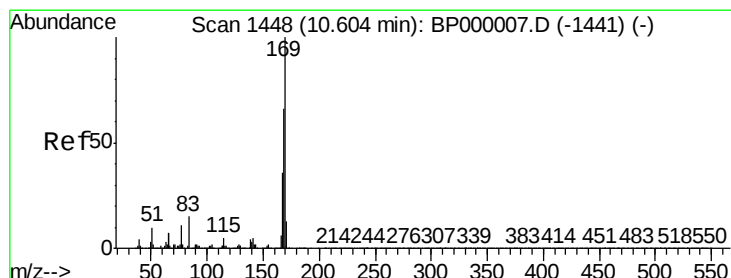
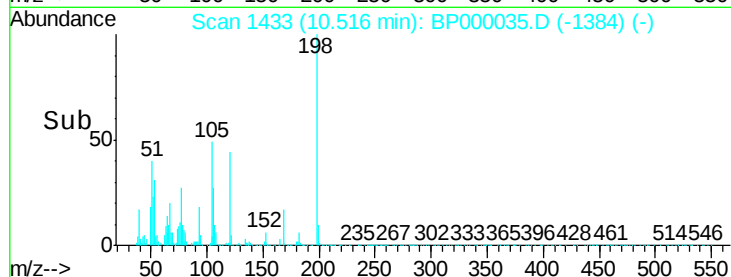
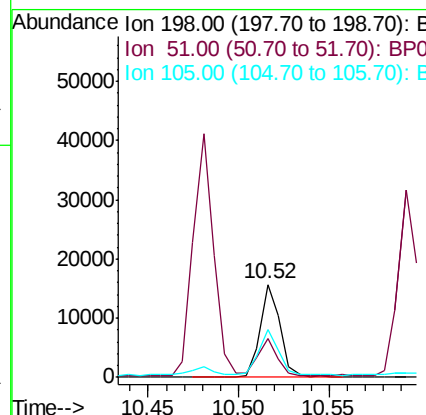
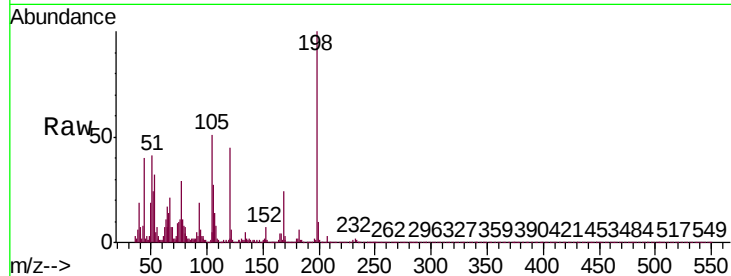




#65
4,6-Dinitro-2-methylphenol
Concen: 9.415 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

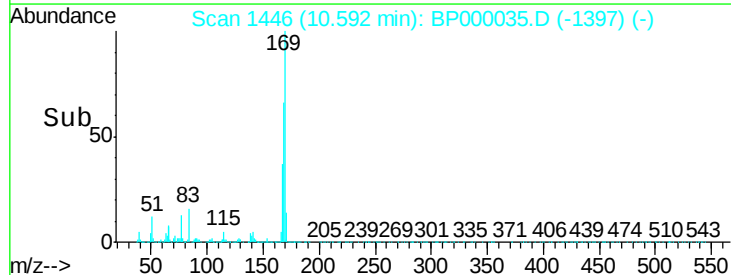
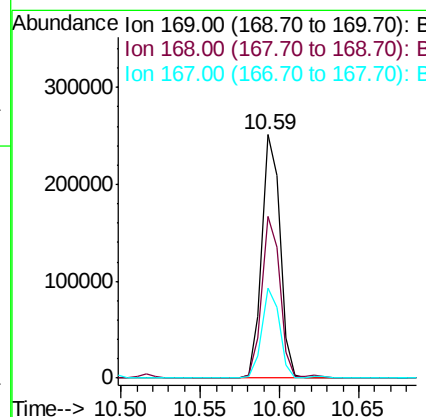
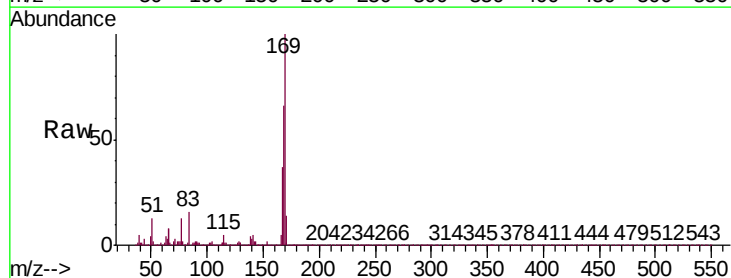
Instrument :
ClientSampled :
MDL-W-04

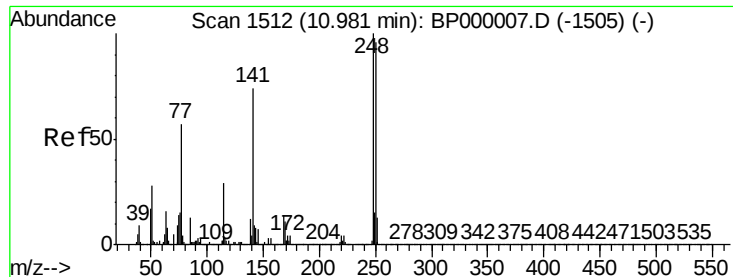
Tgt Ion:198 Resp: 12161
Ion Ratio Lower Upper
198 100
51 41.2 22.1 62.1
105 51.0 32.0 72.0



#66
n-Nitrosodiphenylamine
Concen: 4.365 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

Tgt Ion:169 Resp: 203372
Ion Ratio Lower Upper
169 100
168 66.4 52.9 79.3
167 36.8 29.2 43.8

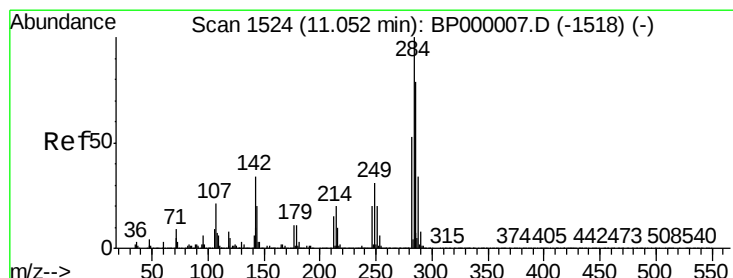
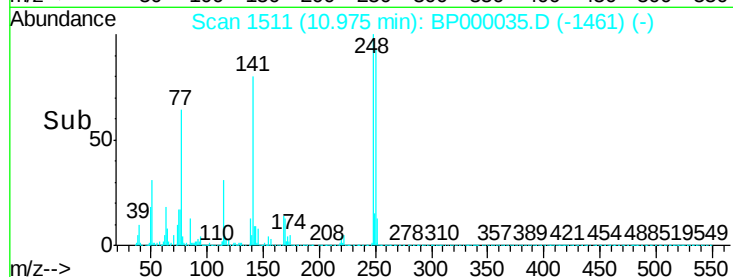
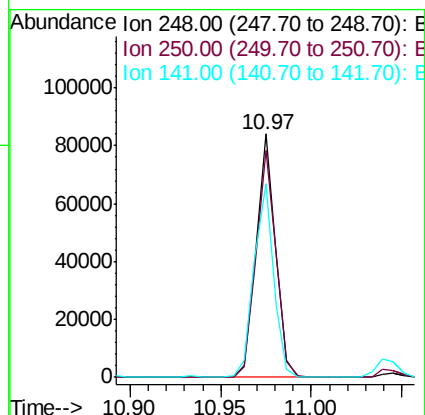
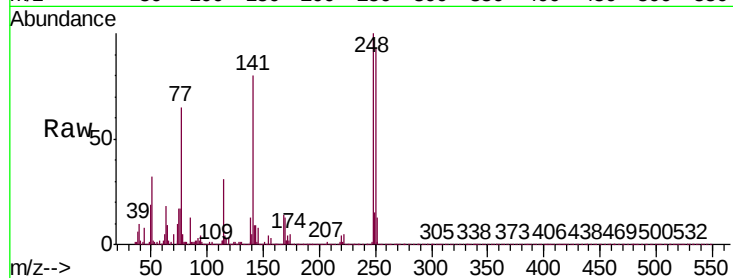




#67
4-Bromophenyl-phenylether
Concen: 3.893 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

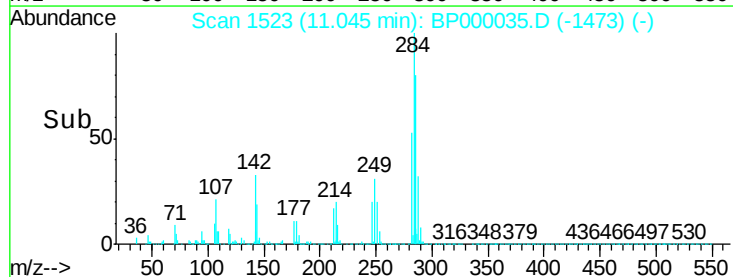
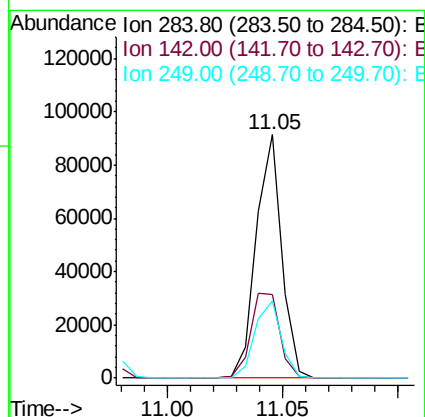
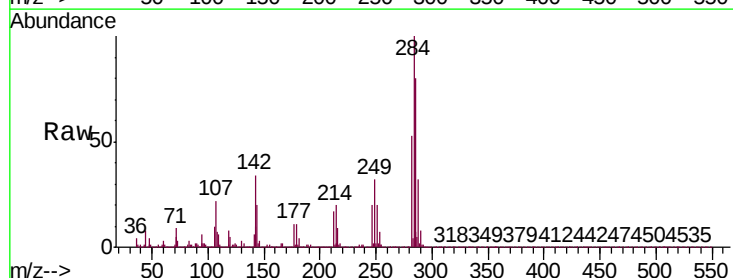
Instrument :
ClientSampled :
MDL-W-04

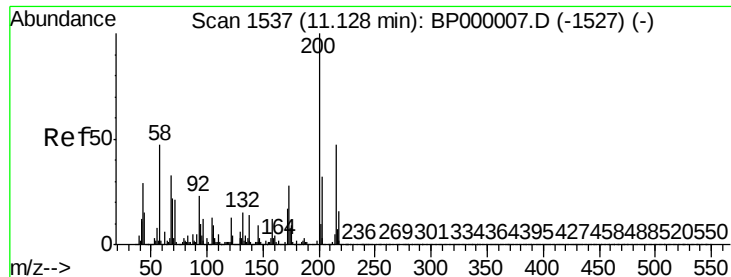
Tgt Ion:248 Resp: 62051
Ion Ratio Lower Upper
248 100
250 93.3 77.1 115.7
141 79.6 59.5 89.3



#68
Hexachlorobenzene
Concen: 4.074 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

Tgt Ion:284 Resp: 70745
Ion Ratio Lower Upper
284 100
142 34.3 27.0 40.4
249 31.5 24.9 37.3

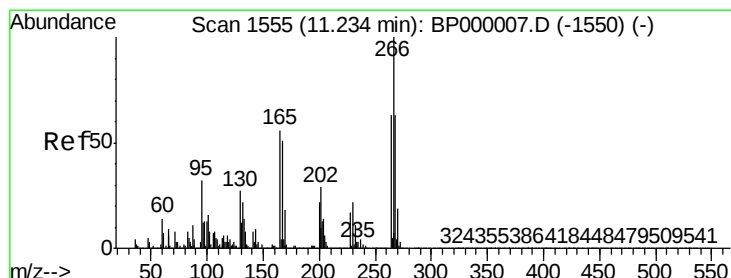
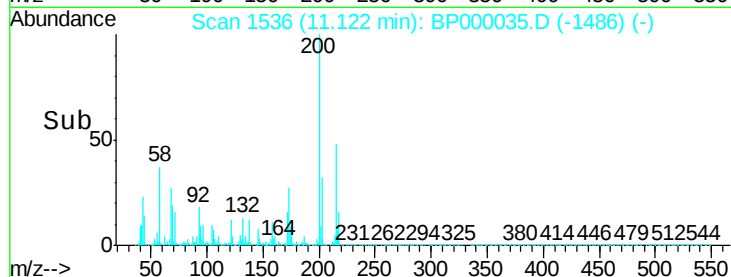
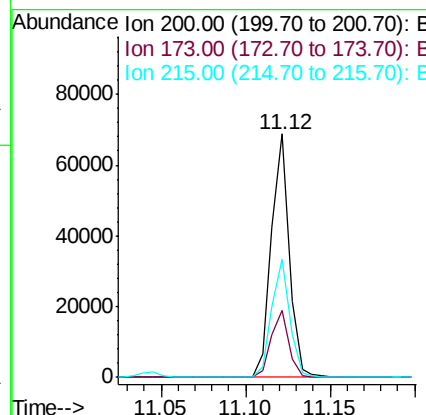
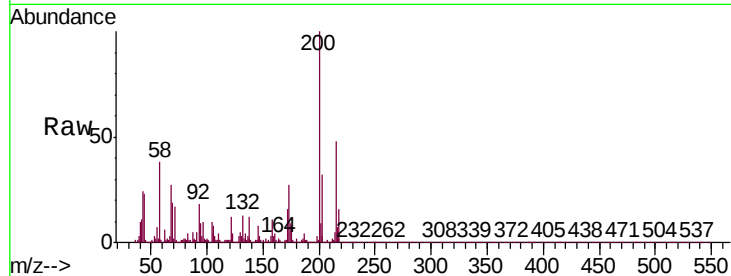




#69
 Atrazine
 Concen: Below Cal
 RT: 11.12 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BP000035.D
 Acq: 31 Aug 2019 10:25

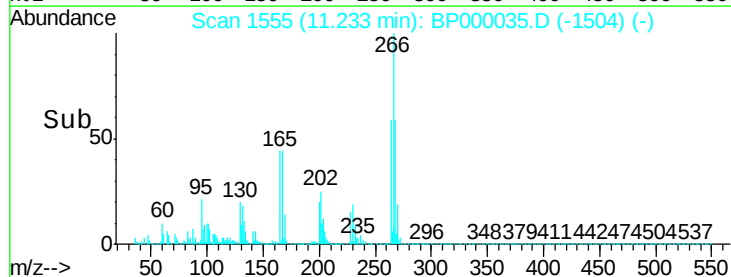
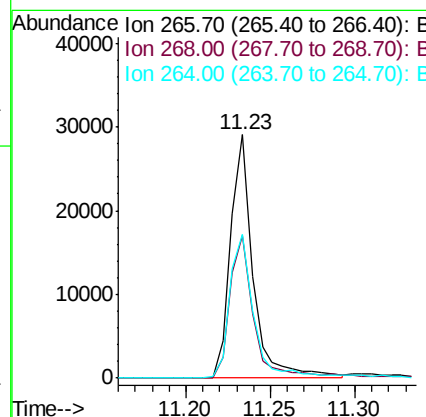
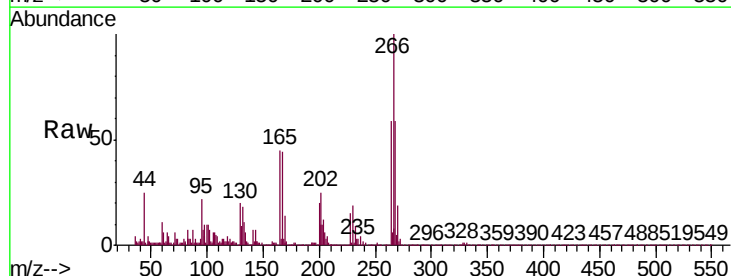
Instrument :
 ClientSampled :
 MDL-W-04

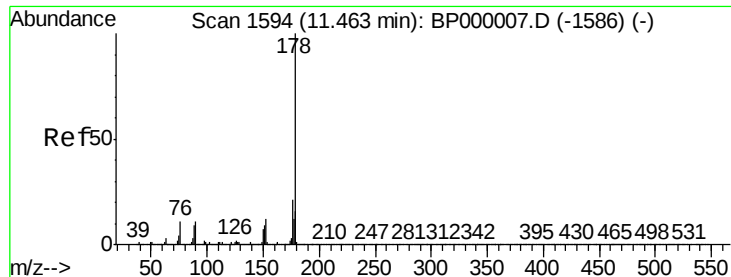
Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.3	8.1	48.1
215	48.3	26.7	66.7



#70
 Pentachlorophenol
 Concen: 2.873 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BP000035.D
 Acq: 31 Aug 2019 10:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	58.7	50.1	75.1
264	59.1	50.6	76.0





#71

Phenanthrene

Concen: 4.572 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

Instrument :

ClientSampled :

MDL-W-04

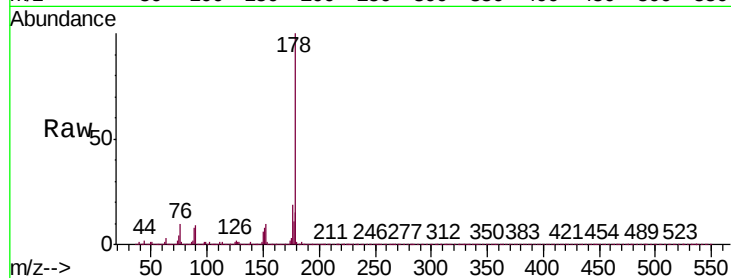
Tgt Ion:178 Resp: 357385

Ion Ratio Lower Upper

178 100

176 19.0 16.7 25.1

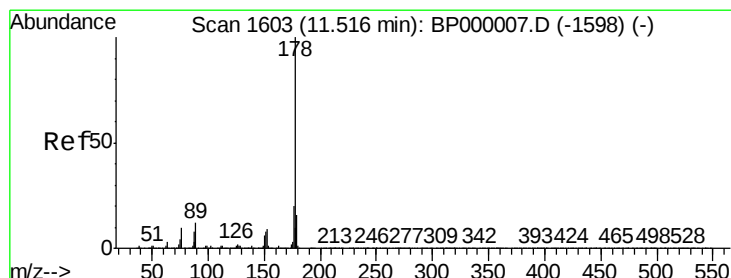
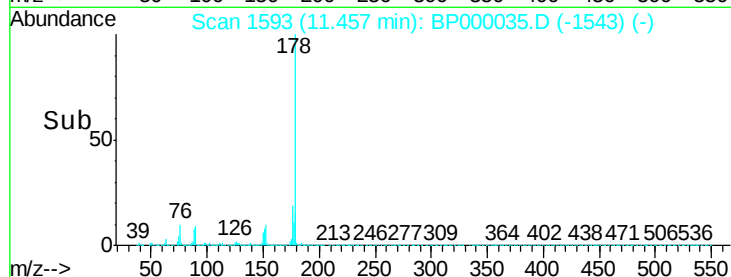
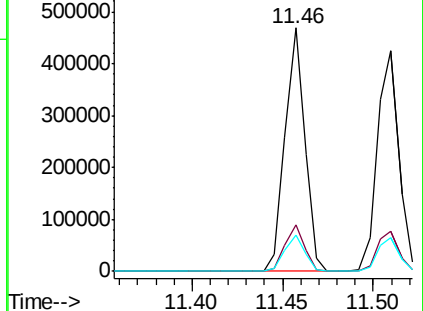
179 15.1 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 4.576 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

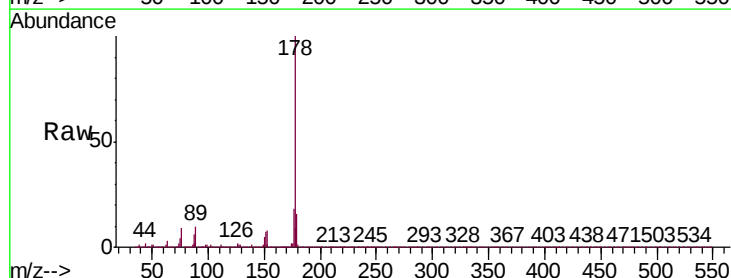
Tgt Ion:178 Resp: 353378

Ion Ratio Lower Upper

178 100

176 18.1 15.9 23.9

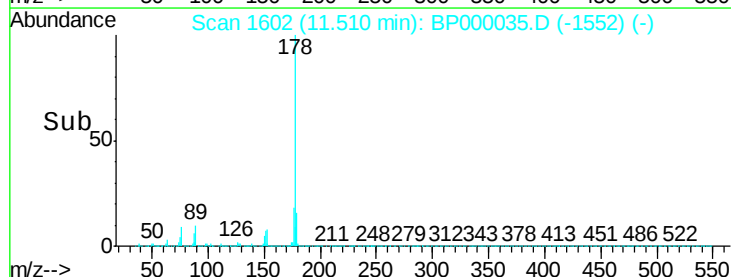
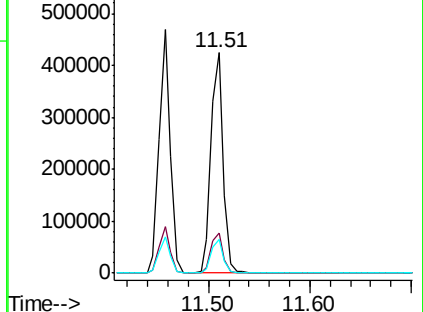
179 15.6 13.0 19.6

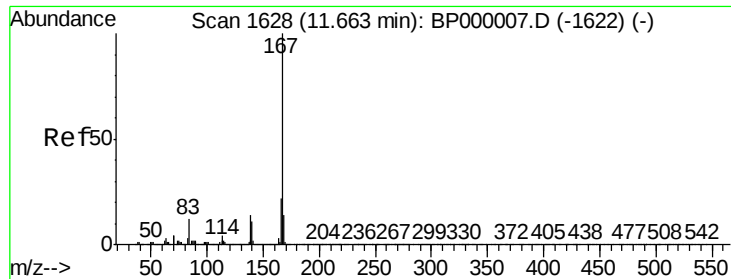


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

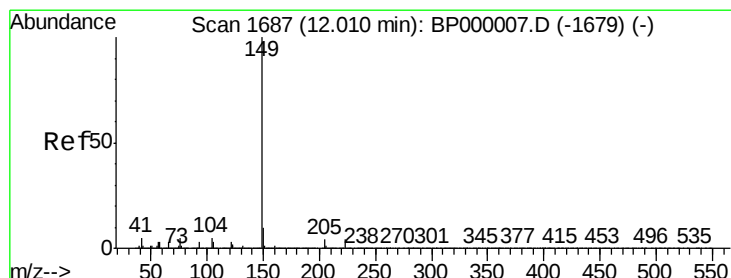
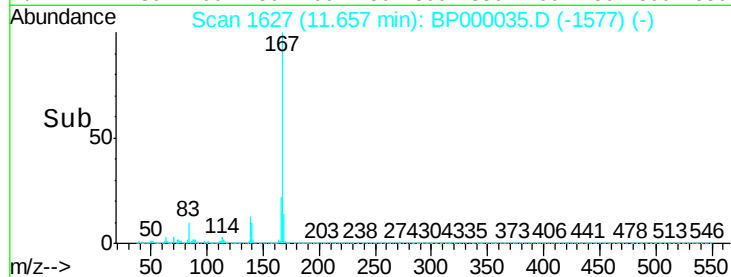
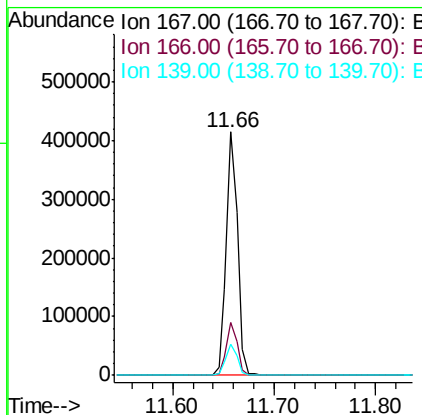
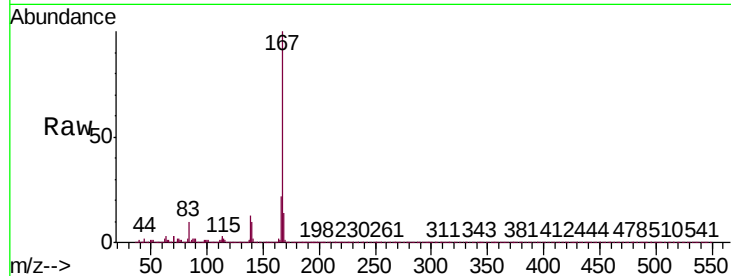




#73
 Carbazole
 Concen: 4.404 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BP000035.D
 Acq: 31 Aug 2019 10:25

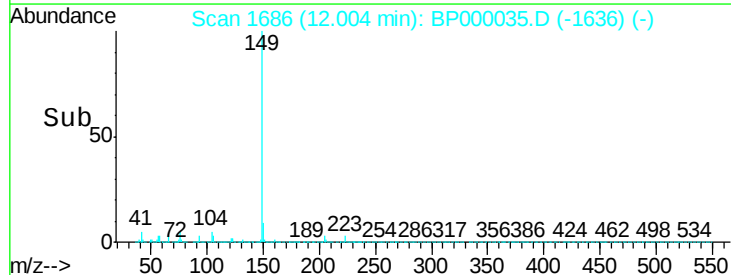
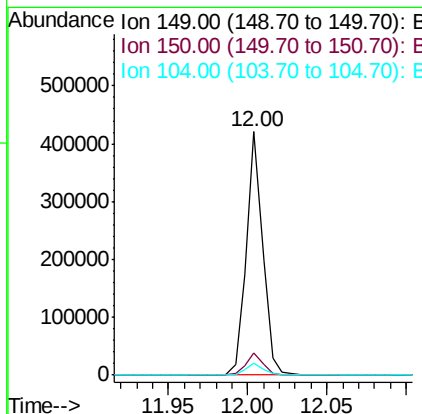
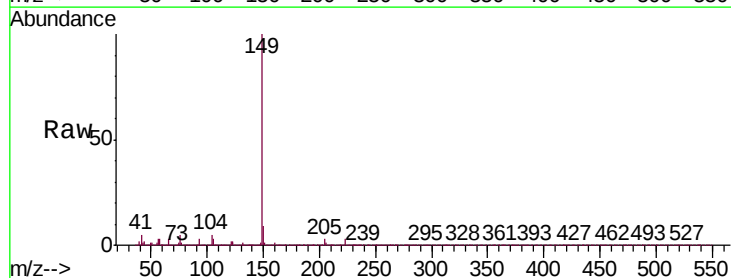
Instrument :
 ClientSampled :
 MDL-W-04

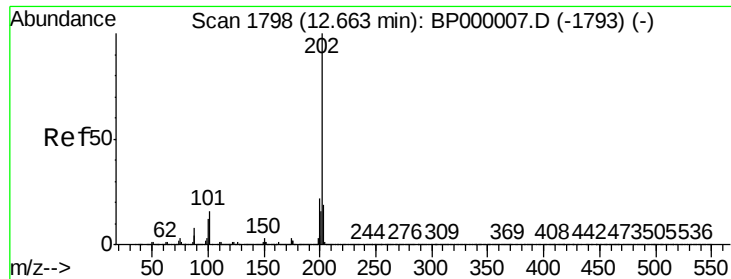
Tgt Ion:167 Resp: 321000
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.9 26.9
 139 12.8 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 3.402 ng
 RT: 12.00 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BP000035.D
 Acq: 31 Aug 2019 10:25

Tgt Ion:149 Resp: 300668
 Ion Ratio Lower Upper
 149 100
 150 9.1 8.0 12.0
 104 4.9 4.4 6.6





#75

Fluoranthene

Concen: 4.164 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BP000035.D

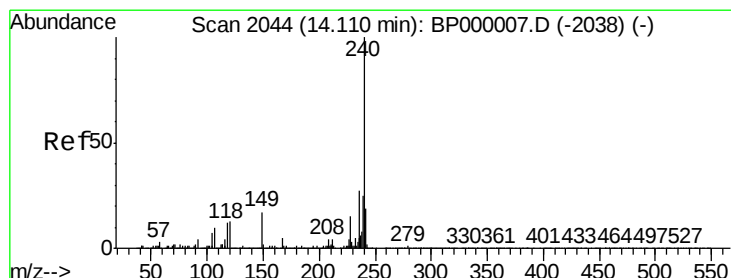
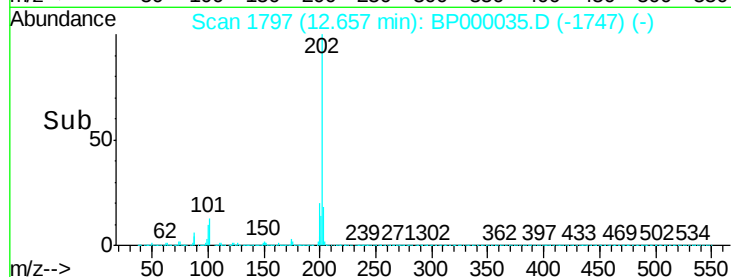
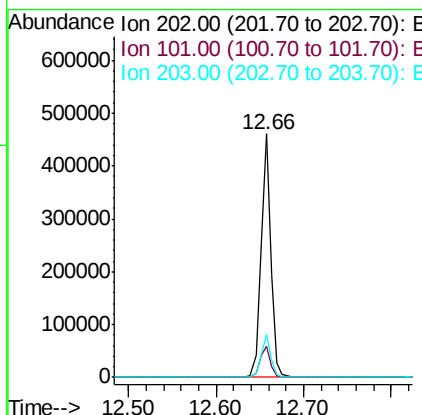
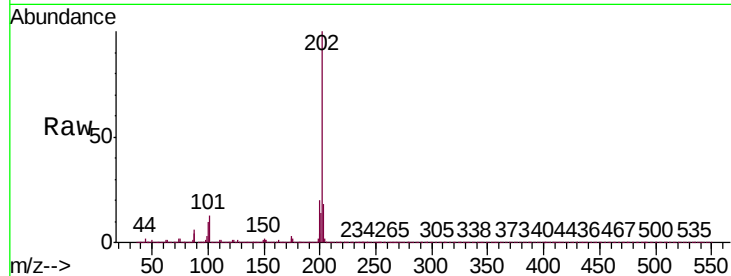
Acq: 31 Aug 2019 10:25

Instrument :

ClientSampled :

MDL-W-04

Tgt Ion:	202	Resp:	353705
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	36.4
203	17.7	0.0	38.7



#76

Chrysene-d12

Concen: 20.000 ng

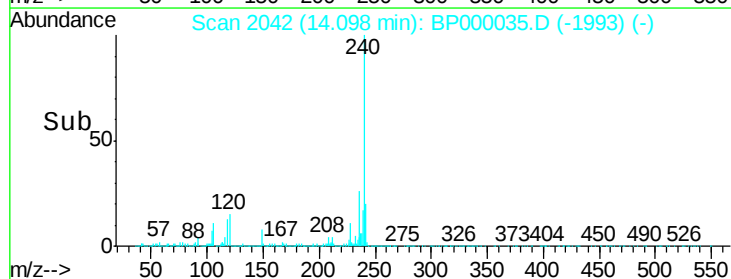
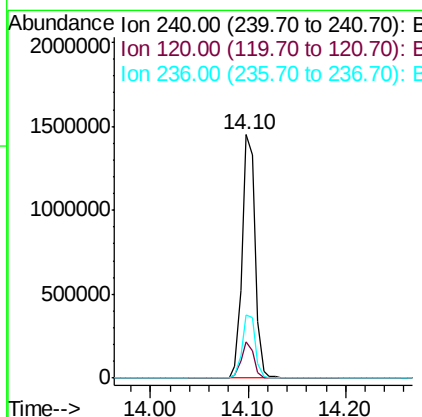
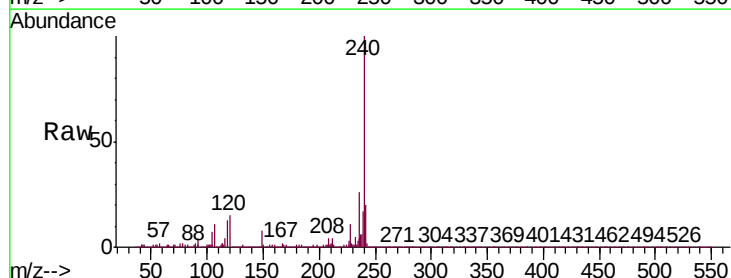
RT: 14.10 min Scan# 2042

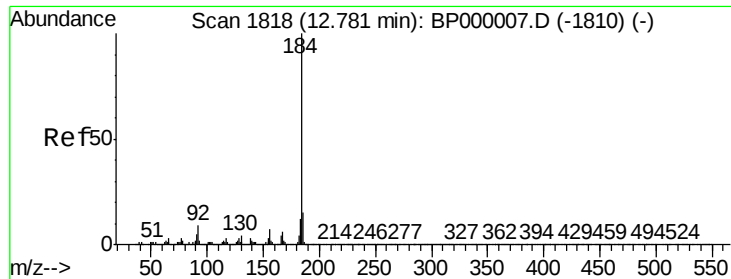
Delta R.T. -0.01 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

Tgt Ion:	240	Resp:	1339535
Ion Ratio	Lower	Upper	
240	100		
120	14.9	10.5	15.7
236	25.8	21.5	32.3





#77

Benzidine

Concen: 2.680 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

Instrument :

ClientSampled :

MDL-W-04

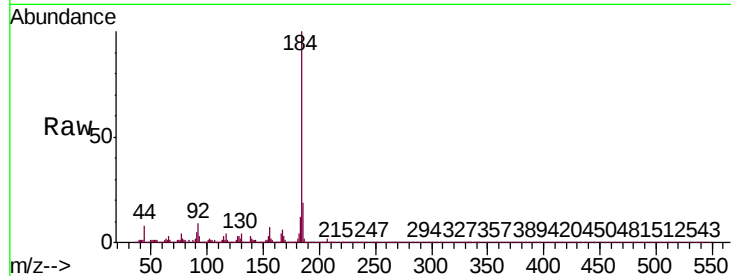
Tgt Ion:184 Resp: 123856

Ion Ratio Lower Upper

184 100

185 19.0 11.8 17.8#

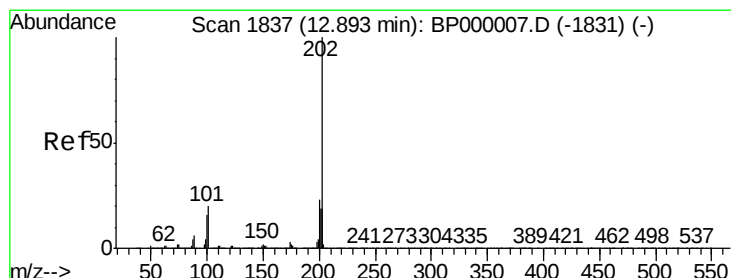
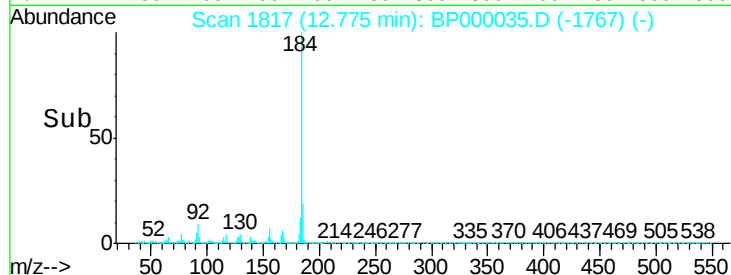
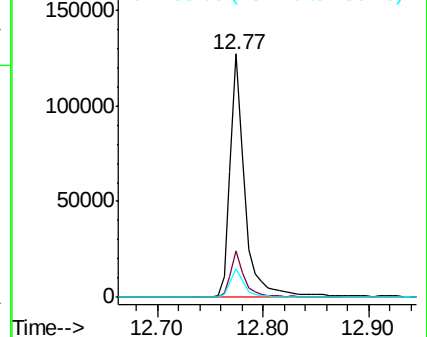
183 11.7 9.4 14.0



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: 3.905 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

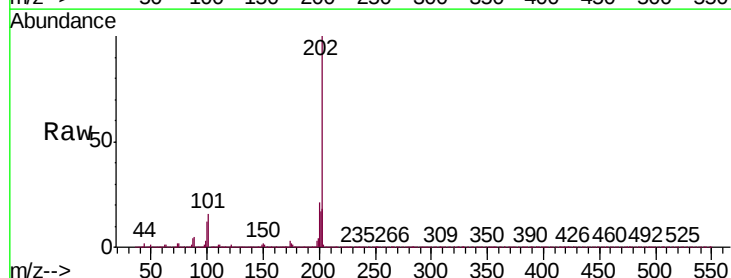
Tgt Ion:202 Resp: 384793

Ion Ratio Lower Upper

202 100

200 20.9 18.5 27.7

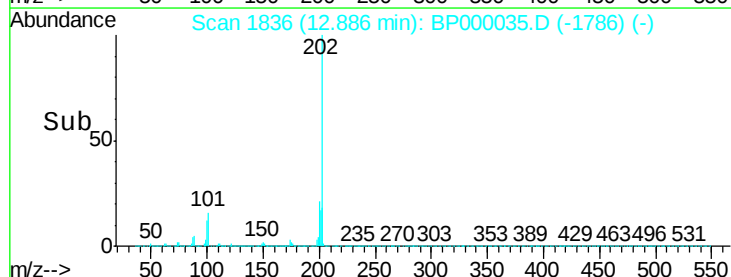
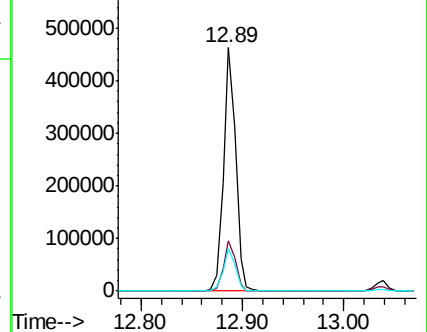
203 17.6 15.1 22.7

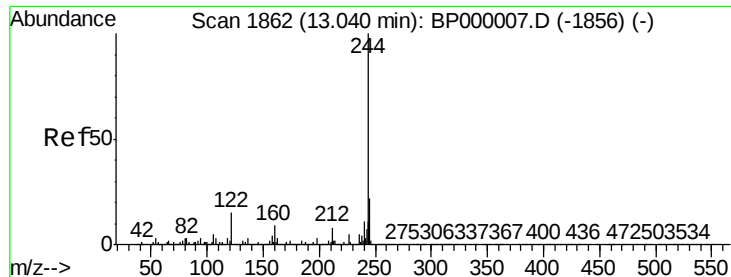


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.572 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

Instrument :

ClientSampled :

MDL-W-04

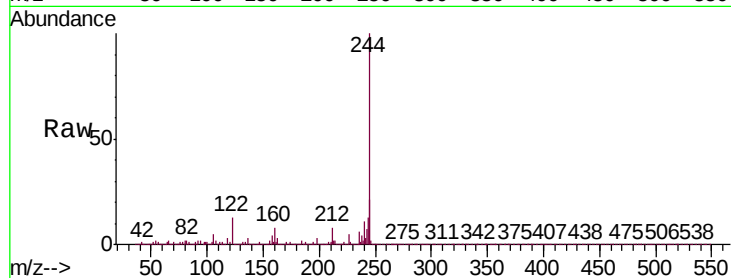
Tgt Ion:244 Resp: 4214240

Ion Ratio Lower Upper

244 100

212 8.1 6.6 10.0

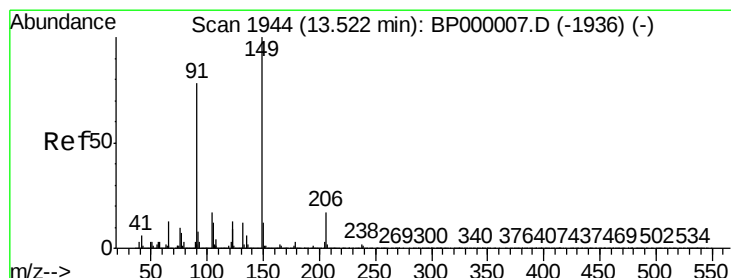
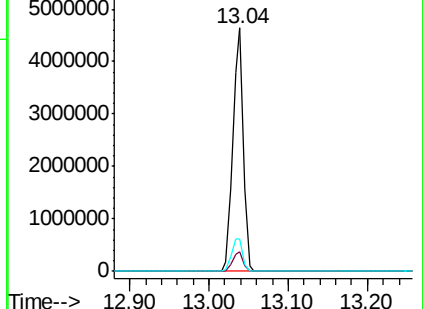
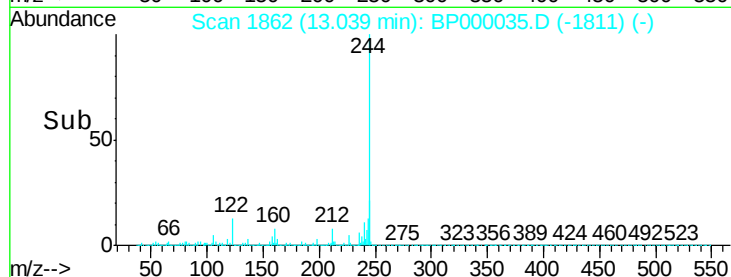
122 13.3 12.3 18.5



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: 1.703 ng

RT: 13.52 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

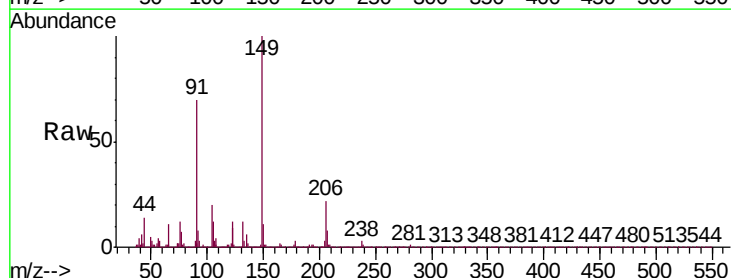
Tgt Ion:149 Resp: 74768

Ion Ratio Lower Upper

149 100

91 70.0 62.7 94.1

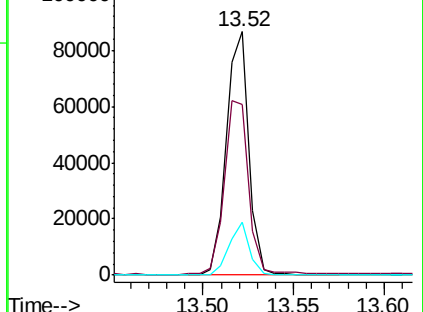
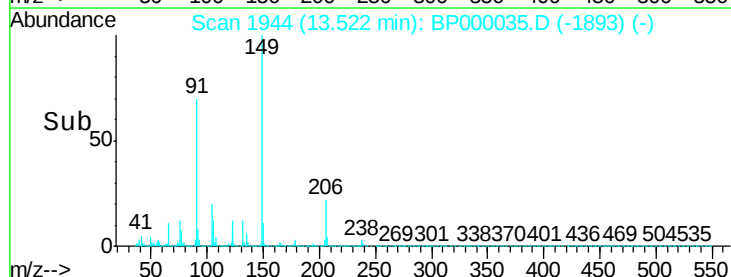
206 21.8 13.8 20.6#

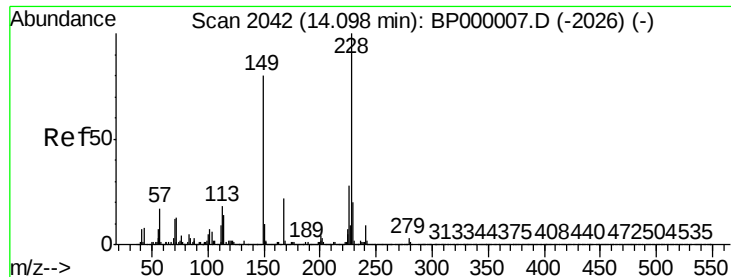


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

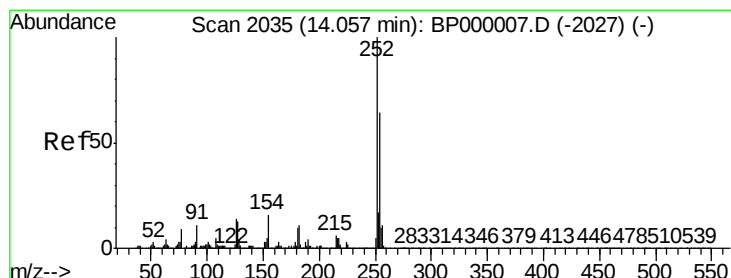
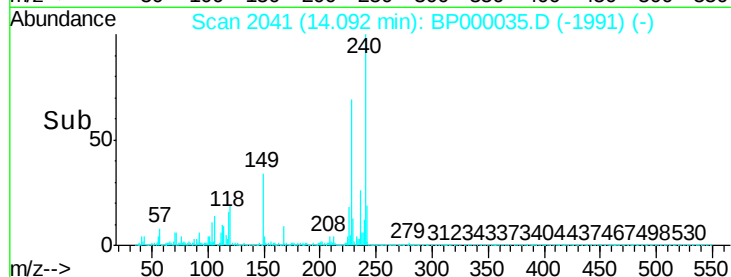
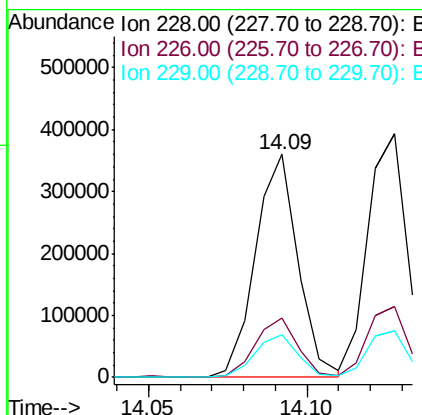
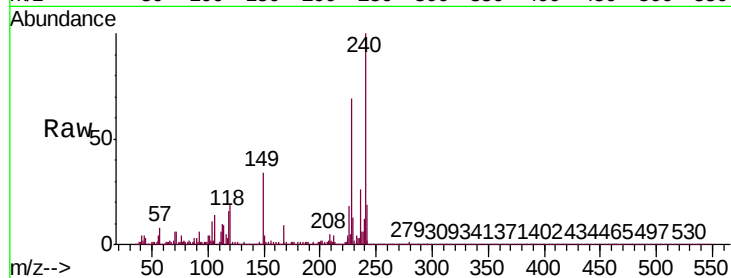




#81
Benzo(a)anthracene
Concen: 3.872 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

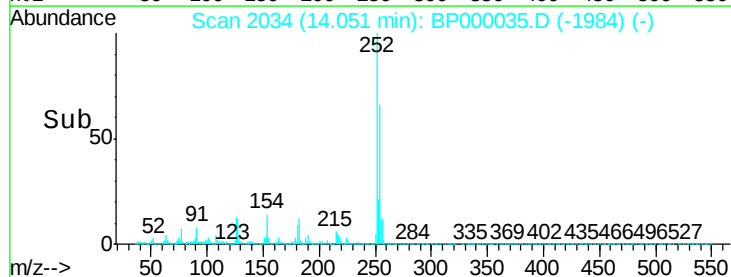
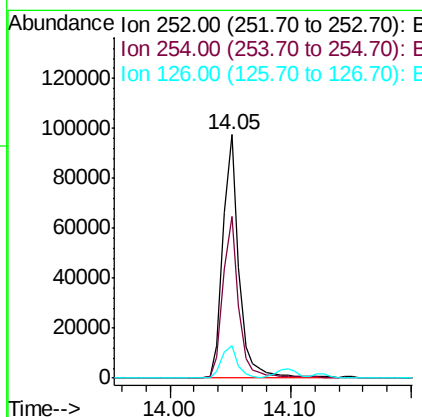
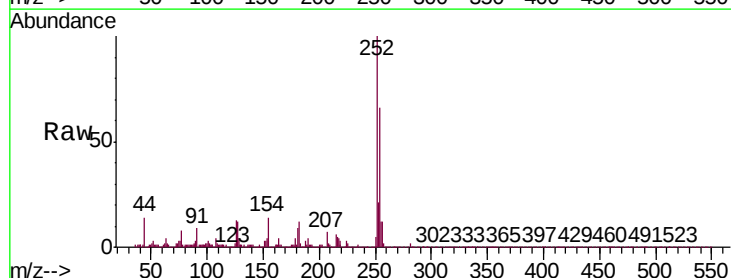
Instrument :
ClientSampled :
MDL-W-04

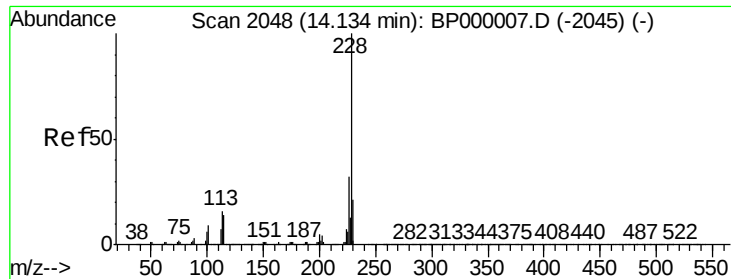
Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.5	33.7
229	19.0	16.2	24.2



#82
3,3'-Dichlorobenzidine
Concen: 2.787 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.3	51.4	77.0
126	13.2	11.1	16.7

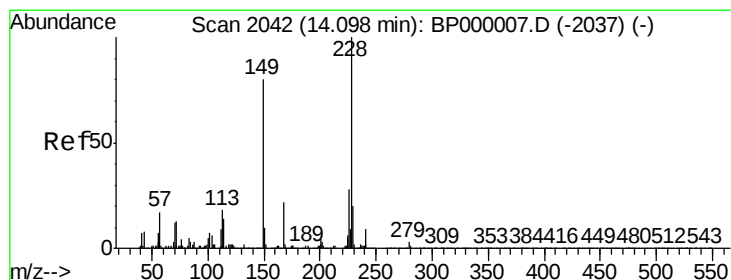
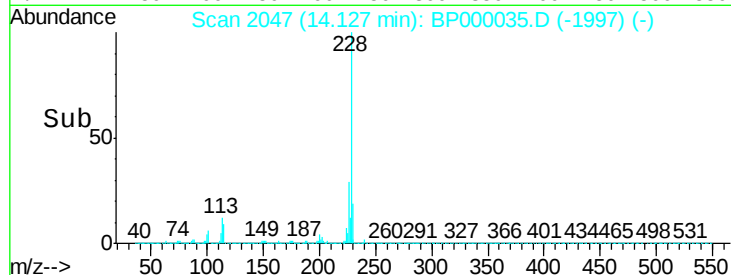
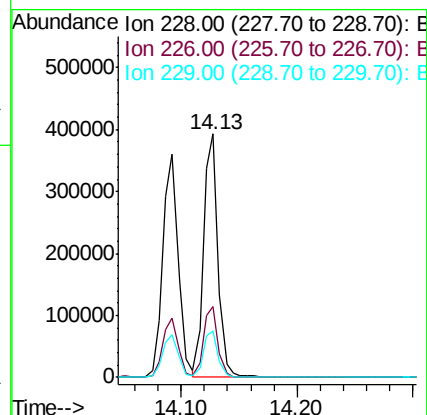
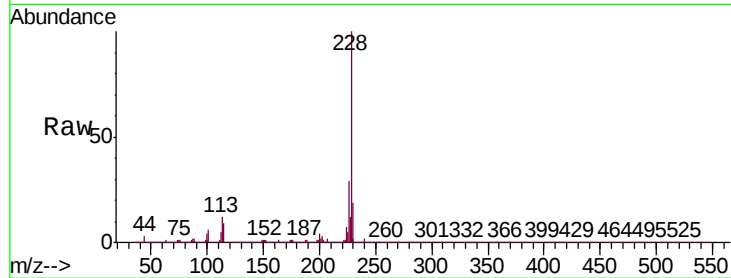




#83
Chrysene
Concen: 4.210 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

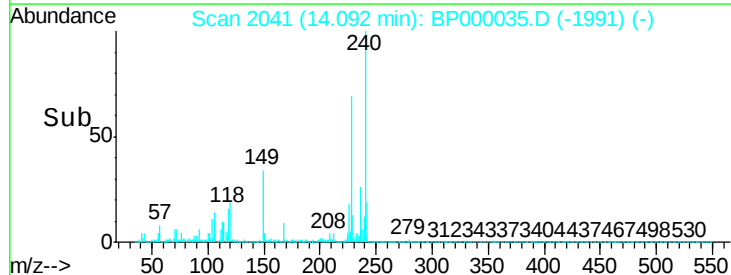
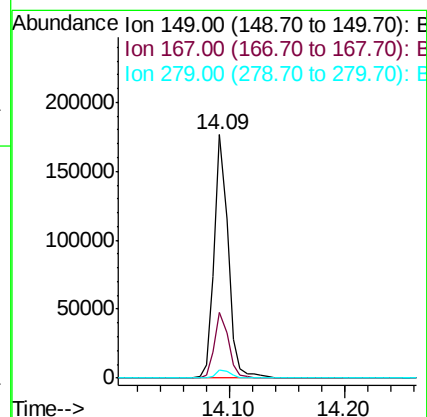
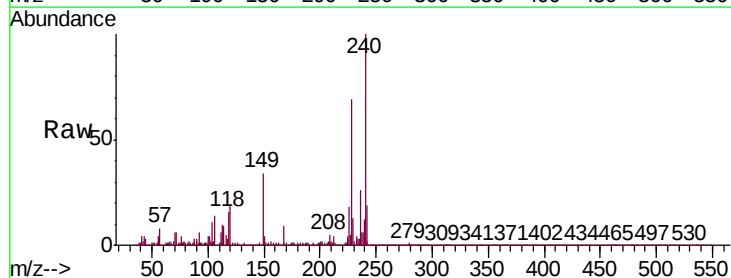
Instrument :
ClientSampled :
MDL-W-04

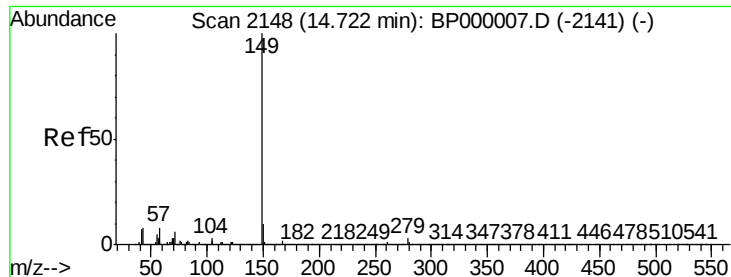
Tgt Ion: 228 Resp: 345622
Ion Ratio Lower Upper
228 100
226 29.3 25.5 38.3
229 19.0 16.5 24.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.595 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

Tgt Ion: 149 Resp: 148303
Ion Ratio Lower Upper
149 100
167 27.0 22.4 33.6
279 3.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 1.886 ng

RT: 14.72 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

Instrument :

ClientSampled :

MDL-W-04

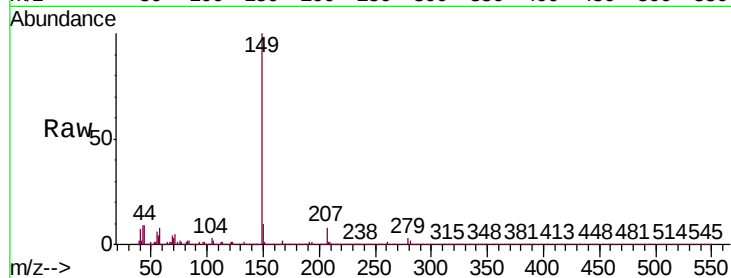
Tgt Ion:149 Resp: 189934

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

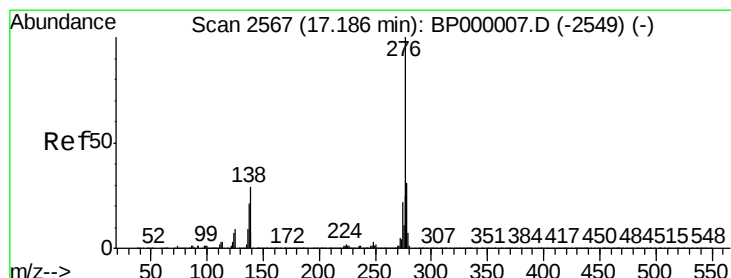
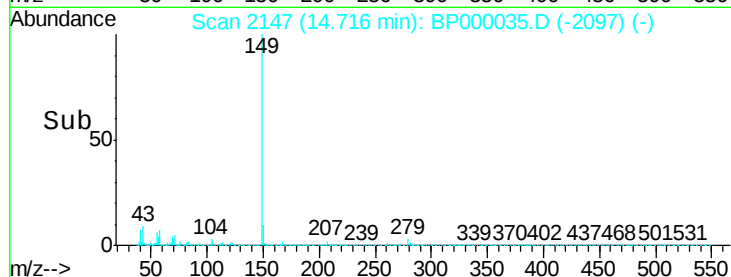
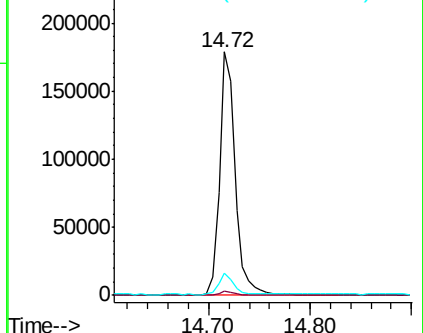
43 8.5 6.5 9.7



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: 2.894 ng

RT: 17.16 min Scan# 2563

Delta R.T. -0.02 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

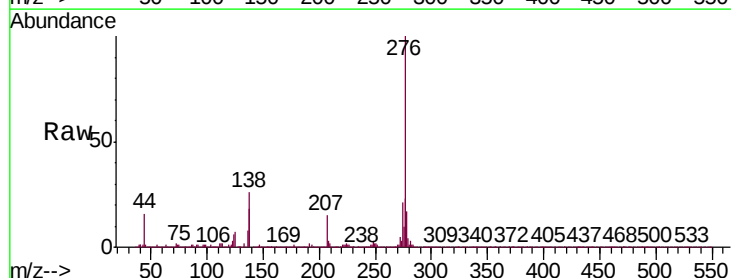
Tgt Ion:276 Resp: 297784

Ion Ratio Lower Upper

276 100

138 31.3 26.5 39.7

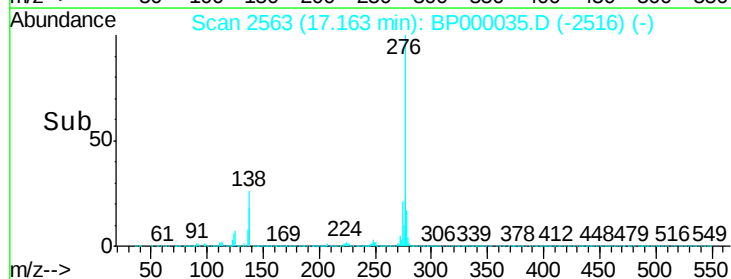
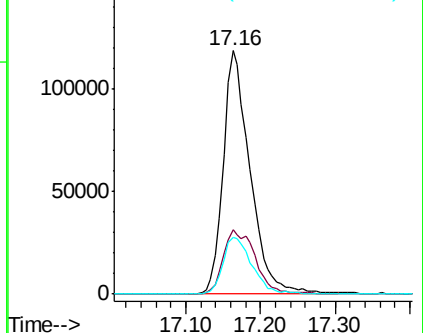
277 25.3 20.3 30.5

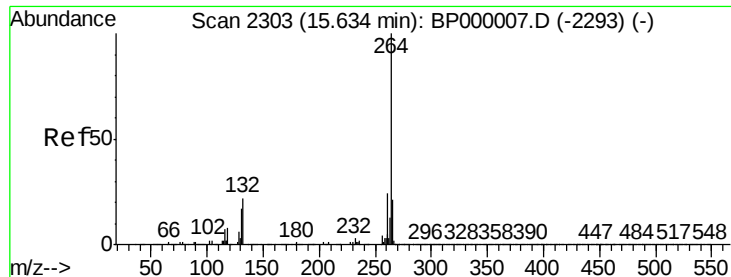


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.63 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

Instrument :

ClientSampled :

MDL-W-04

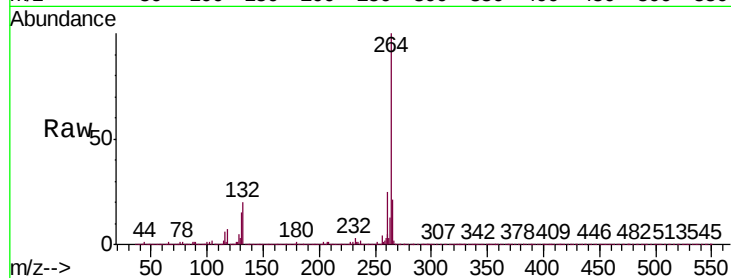
Tgt Ion:264 Resp: 1406830

Ion Ratio Lower Upper

264 100

260 24.6 19.1 28.7

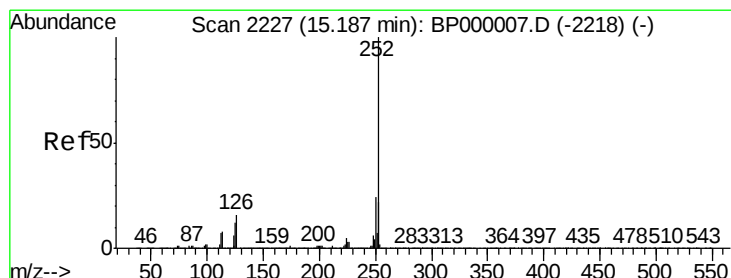
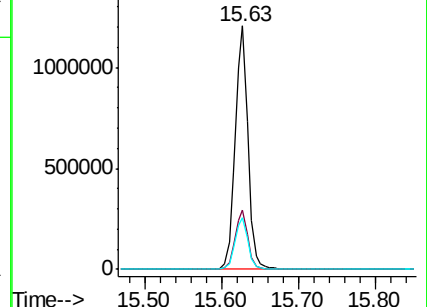
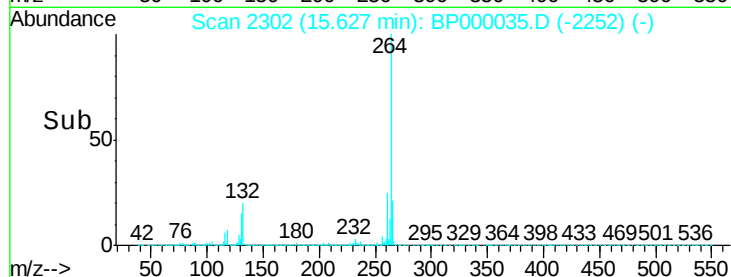
265 21.4 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 3.667 ng

RT: 15.20 min Scan# 2229

Delta R.T. 0.01 min

Lab File: BP000035.D

Acq: 31 Aug 2019 10:25

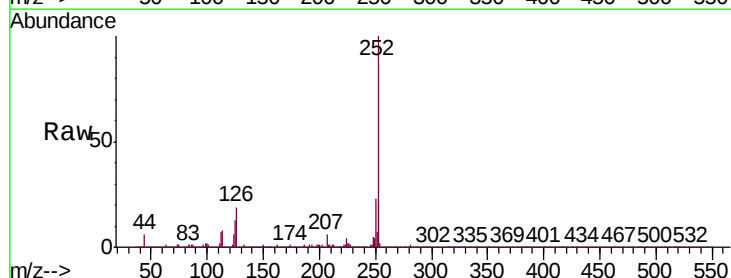
Tgt Ion:252 Resp: 315103

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

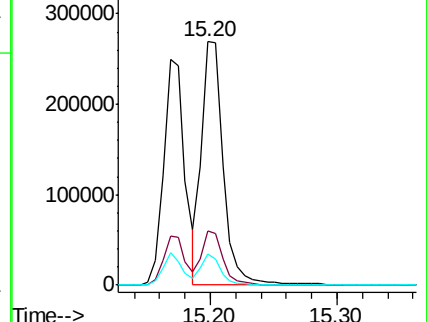
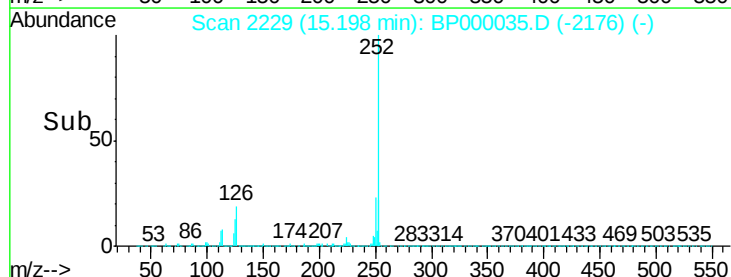
125 12.7 9.4 14.2

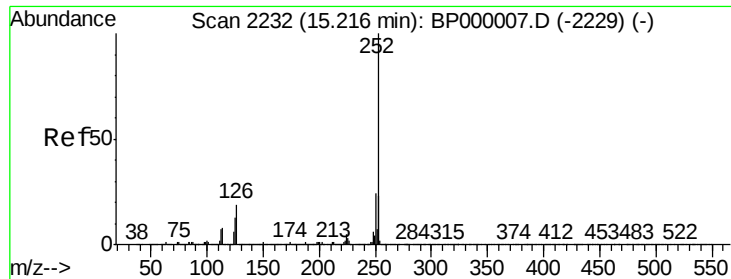


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

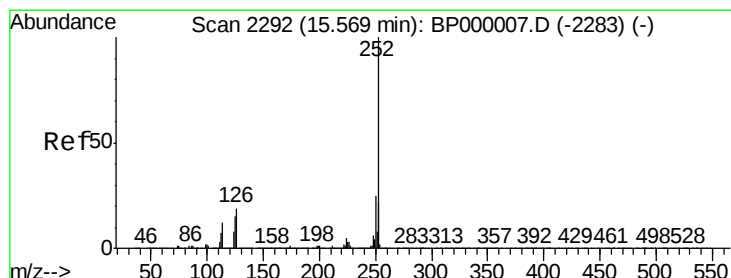
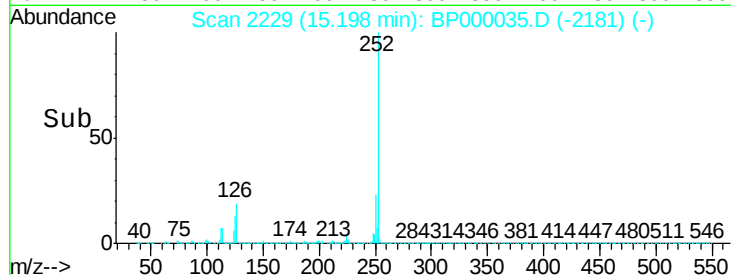
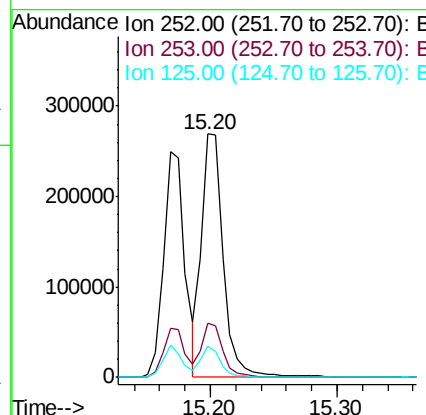
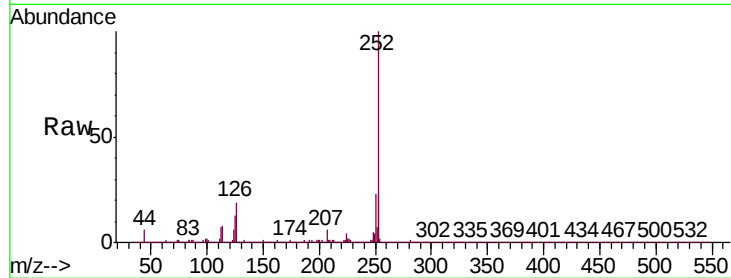




#89
Benzo(k)fluoranthene
Concen: 4.007 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

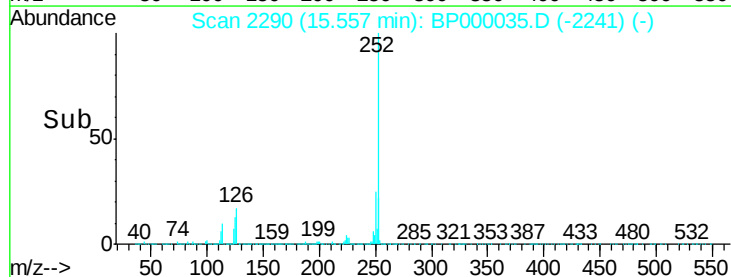
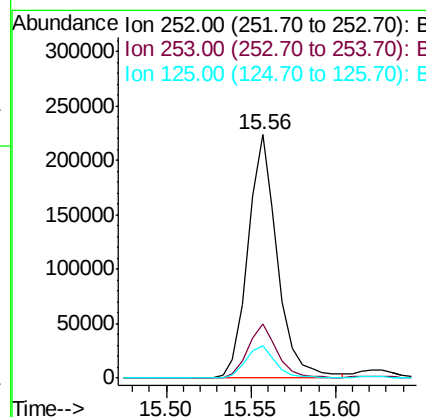
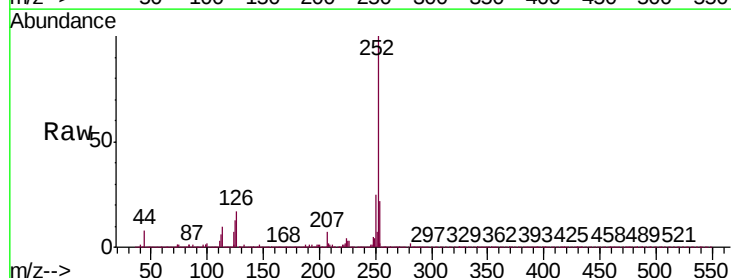
Instrument :
ClientSampleId :
MDL-W-04

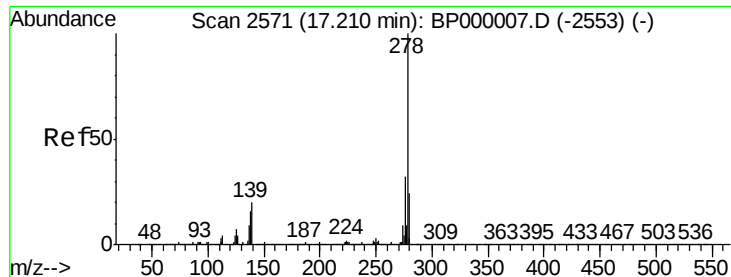
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	12.7	10.3	15.5



#90
Benzo(a)pyrene
Concen: 3.476 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	13.1	11.7	17.5

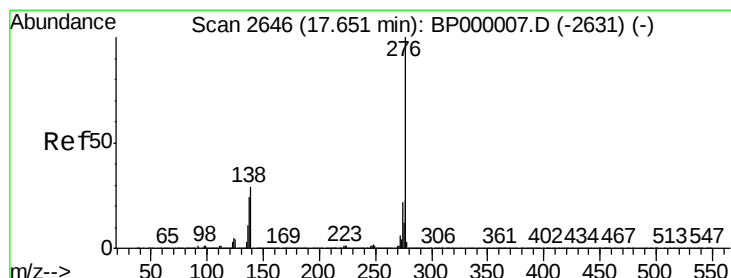
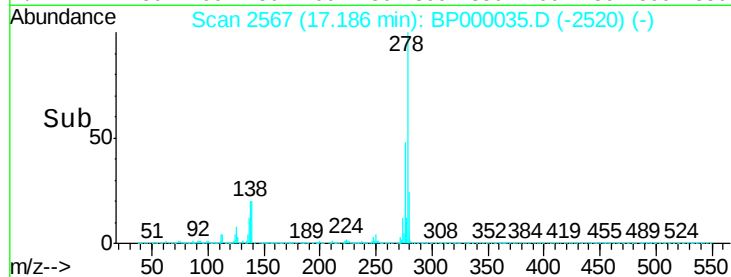
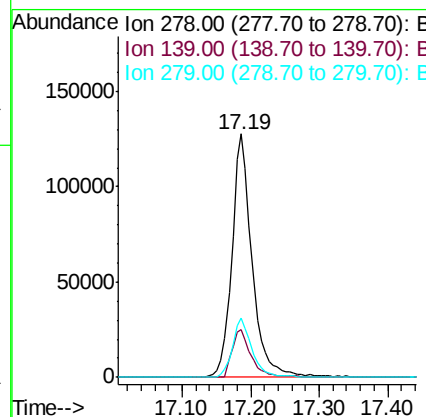
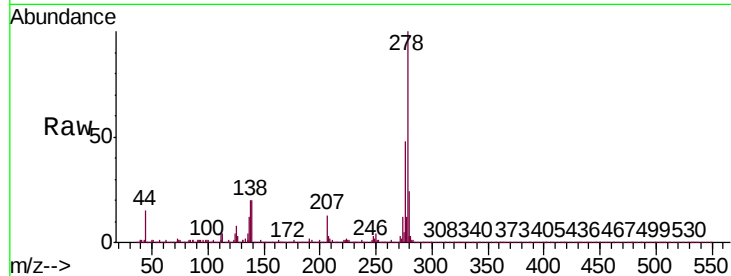




#91
Dibenzo(a,h)anthracene
Concen: 3.367 ng
RT: 17.19 min Scan# 2567
Delta R.T. -0.02 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

Instrument :
ClientSampleId :
MDL-W-04

Tgt Ion:	278	Resp:	261197
Ion	Ratio	Lower	Upper
278	100		
139	19.7	16.4	24.6
279	24.4	19.2	28.8



#92
Benzo(g,h,i)perylene
Concen: 3.349 ng
RT: 17.62 min Scan# 2641
Delta R.T. -0.03 min
Lab File: BP000035.D
Acq: 31 Aug 2019 10:25

Tgt Ion:	276	Resp:	257114
Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.6	28.0
138	27.1	23.0	34.4

