

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
 Data File : BP001728.D
 Acq On : 07 Feb 2020 19:29
 Operator : CG/JU
 Sample : L1437-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GROUNDWATER

Quant Time: Feb 08 01:22:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 15:16:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	465311	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1830957	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	990692	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	1884720	20.00	ng	0.00
76) Chrysene-d12	21.19	240	1443800	20.00	ng	0.00
87) Perylene-d12	23.43	264	1501828	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1745294	66.74	ng	0.00
7) Phenol-d6	6.90	99	1334193	39.12	ng	0.00
23) Nitrobenzene-d5	8.87	82	2986352	99.71	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	1520816	149.88	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	6454965	94.65	ng	0.00
79) Terphenyl-d14	19.67	244	6380314	90.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	11482	1.068	ng	# 1
3) Pyridine	3.70	79	650	0.021	ng	# 1
4) n-Nitrosodimethylamine	3.60	42	528	0.045	ng	# 1
6) Aniline	7.05	93	766	0.018	ng	# 57
8) 2-Chlorophenol	7.34	128	41	0.001	ng	# 1
9) Benzaldehyde	6.89	77	3264	0.177	ng	# 31
10) Phenol	6.92	94	64026	1.842	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	261	0.009	ng	82
12) 1,3-Dichlorobenzene	7.62	146	268	0.008	ng	# 70
13) 1,4-Dichlorobenzene	7.75	146	1285	0.037	ng	# 82
14) 1,2-Dichlorobenzene	8.07	146	270	0.008	ng	# 1
15) Benzyl Alcohol	7.96	79	4192	0.181	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.31	45	841	0.024	ng	70
17) 2-Methylphenol	8.16	107	540	0.023	ng	# 1
18) Hexachloroethane	8.83	117	329	0.027	ng	# 26
19) n-Nitroso-di-n-propylamine	8.53	70	609	0.029	ng	# 11
20) 3+4-Methylphenols	8.48	107	9638	0.312	ng	90
22) Acetophenone	8.53	105	5735	0.128	ng	# 80
24) Nitrobenzene	8.86	77	9992	0.327	ng	# 32
25) Isophorone	9.43	82	7237	0.129	ng	# 95
26) 2-Nitrophenol	9.62	139	122	9.941	ng	# 1
27) 2,4-Dimethylphenol	9.49	122	198	0.009	ng	88
28) bis(2-Chloroethoxy)methane	9.91	93	266	0.007	ng	# 1
29) 2,4-Dichlorophenol	10.15	162	1045	0.040	ng	# 67
30) 1,2,4-Trichlorobenzene	10.36	180	250	0.008	ng	# 67
31) Naphthalene	10.55	128	9035	0.097	ng	# 94
32) Benzoic acid	9.73	122	3317	10.348	ng	96
33) 4-Chloroaniline	10.64	127	151	0.004	ng	# 1
34) Hexachlorobutadiene	10.84	225	84	0.004	ng	# 25
35) Caprolactam	11.41	113	1800	0.229	ng	# 40
36) 4-Chloro-3-methylphenol	11.77	107	313	0.012	ng	# 64
37) 2-Methylnaphthalene	12.16	142	3154	0.048	ng	89
38) 1-Methylnaphthalene	12.38	142	3207	0.052	ng	# 95
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	290	0.009	ng	# 91

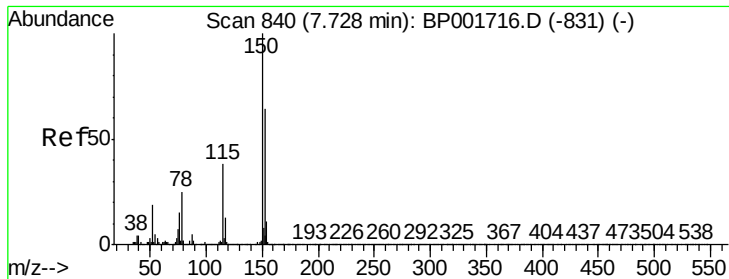
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
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 QLast Update : Mon Feb 03 15:16:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	11	0.001	ng	80
43) 2,4,6-Trichlorophenol	12.77	196	218	0.012	ng	# 52
44) 2,4,5-Trichlorophenol	12.85	196	114	0.006	ng	# 1
46) 1,1'-Biphenyl	13.18	154	17473	0.226	ng	98
47) 2-Chloronaphthalene	13.22	162	318	0.005	ng	# 35
48) 2-Nitroaniline	13.39	65	167	5.690	ng	# 35
49) Acenaphthylene	14.06	152	890	0.010	ng	# 67
50) Dimethylphthalate	13.81	163	141377	1.933	ng	98
51) 2,6-Dinitrotoluene	13.91	165	1751	0.125	ng	# 68
52) Acenaphthene	14.41	154	8592	0.146	ng	87
53) 3-Nitroaniline	14.23	138	1313	0.080	ng	# 18
54) 2,4-Dinitrophenol	14.45	184	106	6.686	ng	# 1
55) Dibenzofuran	14.75	168	6578	0.076	ng	# 70
56) 4-Nitrophenol	14.55	139	234	5.575	ng	# 1
57) 2,4-Dinitrotoluene	14.70	165	401	5.372	ng	# 88
58) Fluorene	15.40	166	9641	0.138	ng	92
59) 2,3,4,6-Tetrachlorophenol	14.97	232	201	0.012	ng	# 1
60) Diethylphthalate	15.19	149	13941	0.191	ng	# 95
61) 4-Chlorophenyl-phenylether	15.41	204	562	0.016	ng	# 38
62) 4-Nitroaniline	15.35	138	198	0.011	ng	80
63) Azobenzene	15.72	77	4155	0.062	ng	# 3
65) 4,6-Dinitro-2-methylphenol	15.46	198	54	11.484	ng	# 1
66) n-Nitrosodiphenylamine	15.84	169	51552	0.918	ng	# 42
67) 4-Bromophenyl-phenylether	16.30	248	227	0.011	ng	# 1
68) Hexachlorobenzene	16.42	284	286	0.012	ng	# 15
69) Atrazine	16.57	200	210	0.012	ng	# 1
70) Pentachlorophenol	16.75	266	365	4.932	ng	93
71) Phenanthrene	17.14	178	41811	0.412	ng	98
72) Anthracene	17.14	178	41811	0.426	ng	98
73) Carbazole	17.50	167	20482	0.219	ng	# 97
74) Di-n-butylphthalate	18.08	149	25254	0.231	ng	# 96
75) Fluoranthene	19.12	202	14831	0.130	ng	# 49
77) Benzidine	19.26	184	205	0.006	ng	# 1
78) Pyrene	19.46	202	12269	0.124	ng	# 70
80) Butylbenzylphthalate	20.36	149	3961	6.727	ng	# 64
81) Benzo(a)anthracene	21.19	228	8799	0.092	ng	# 74
82) 3,3'-Dichlorobenzidine	21.10	252	162	0.005	ng	# 63
83) Chrysene	21.23	228	5704	0.063	ng	# 92
84) Bis(2-ethylhexyl)phthalate	20.99	149	657572	10.741	ng	# 51
85) Di-n-octyl phthalate	22.02	149	3378	3.790	ng	# 78
86) Indeno(1,2,3-cd)pyrene	25.70	276	2837	0.025	ng	# 70
88) Benzo(b)fluoranthene	22.76	252	4327	0.048	ng	# 62
89) Benzo(k)fluoranthene	22.80	252	5649	0.066	ng	# 1
90) Benzo(a)pyrene	23.33	252	3160	0.038	ng	# 41
91) Dibenzo(a,h)anthracene	25.71	278	789	0.009	ng	# 45
92) Benzo(g,h,i)perylene	26.38	276	2520	0.030	ng	# 46

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

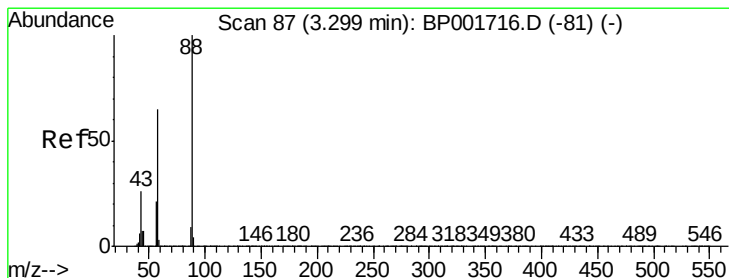
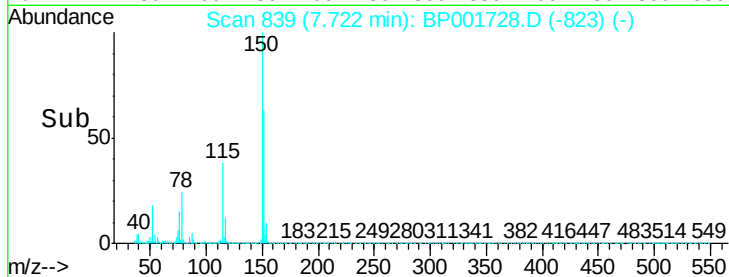
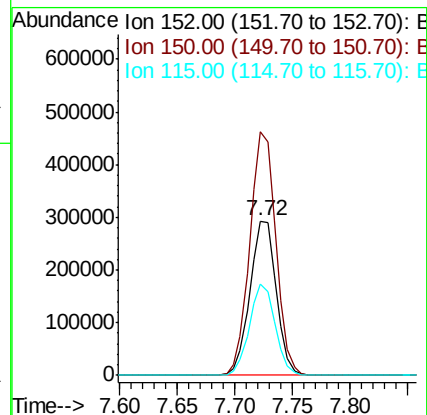
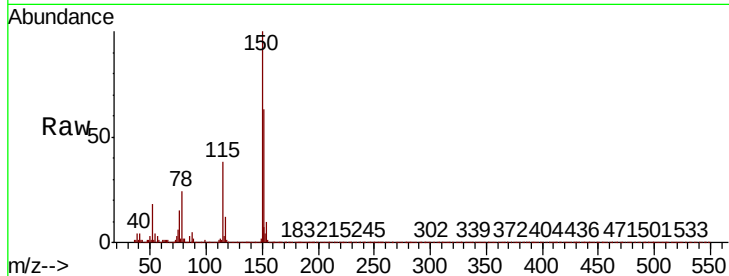


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 839
Delta R.T. -0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

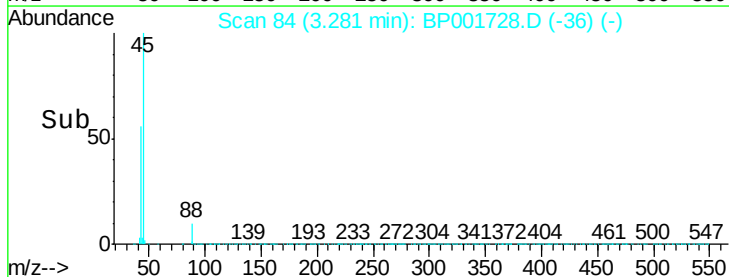
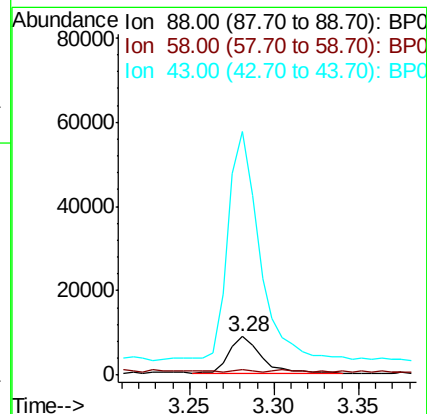
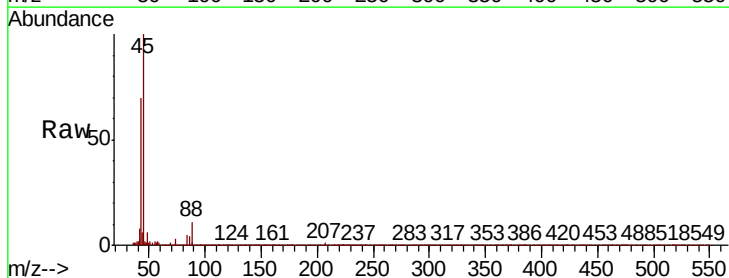
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.5	186.7
115	59.3	47.3	70.9

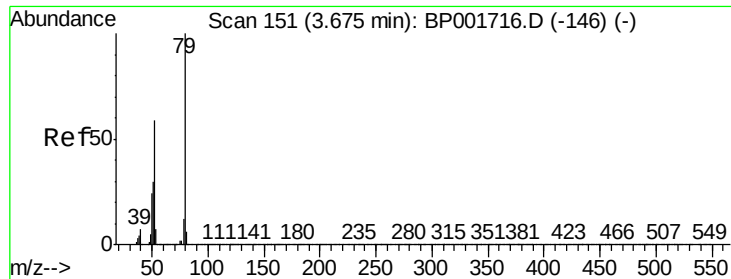


#2

1,4-Dioxane
Concen: 1.068 ng
RT: 3.28 min Scan# 84
Delta R.T. -0.02 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	2.6	52.4	78.6#
43	645.7	21.2	31.8#





#3

Pvridine

Concen: 0.021 ng

RT: 3.70 min Scan# 156

Delta R.T. 0.03 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

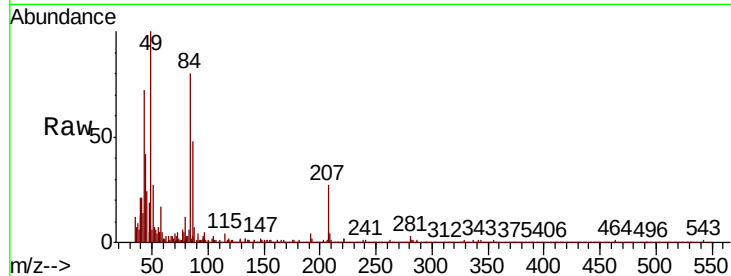
Tot Ion: 79 Resp: 650

Ion Ratio Lower Upper

79 100

52 55.4 47.4 71.0

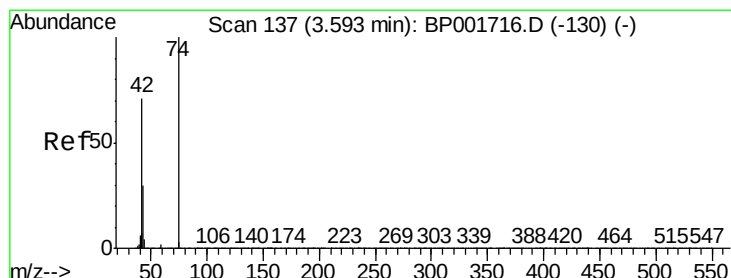
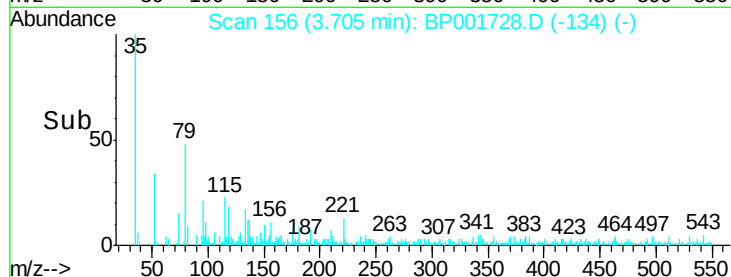
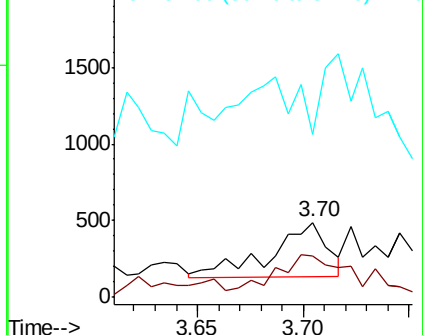
51 218.3 24.0 36.0#



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 0.045 ng

RT: 3.60 min Scan# 138

Delta R.T. 0.01 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

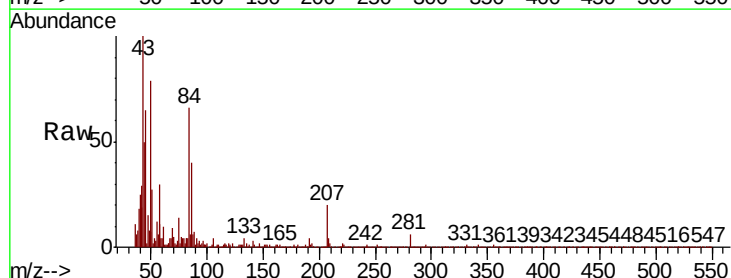
Tgt Ion: 42 Resp: 528

Ion Ratio Lower Upper

42 100

74 8.8 112.1 168.1#

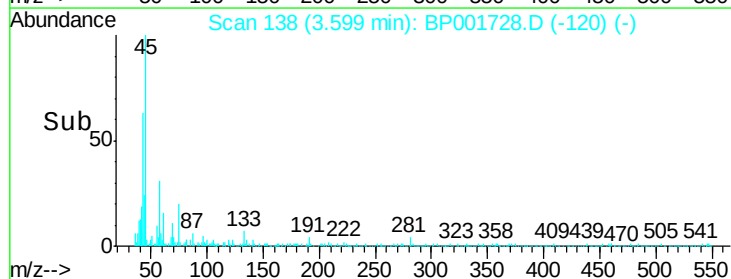
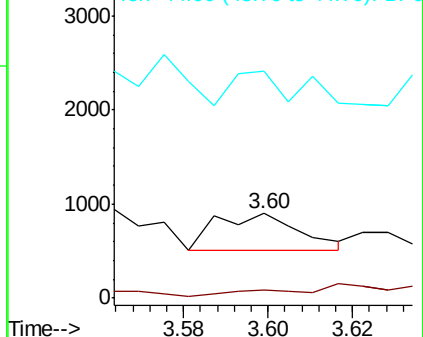
44 268.8 5.7 8.5#

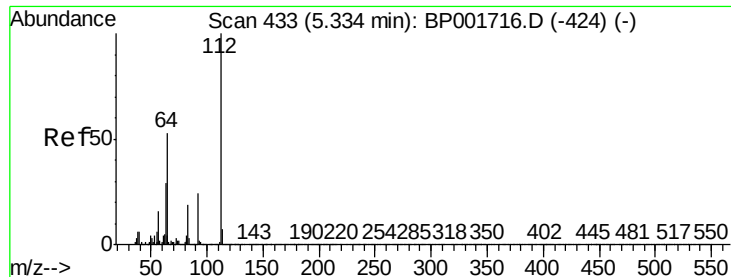


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 66.740 ng

RT: 5.34 min Scan# 434

Delta R.T. 0.01 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

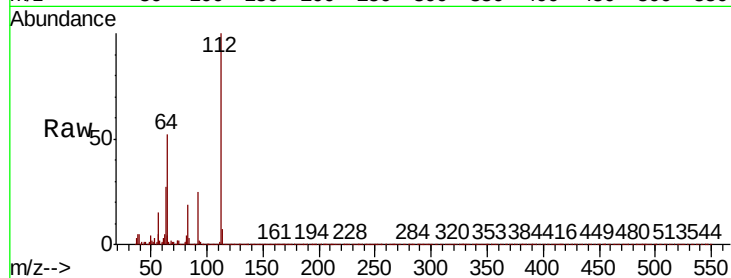
Tot Ion: 112 Resp: 1745294

Ion Ratio Lower Upper

112 100

64 51.6 42.7 64.1

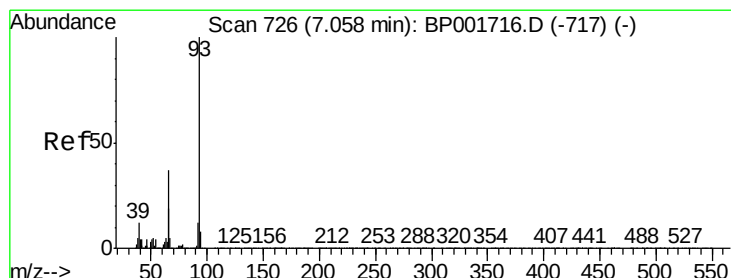
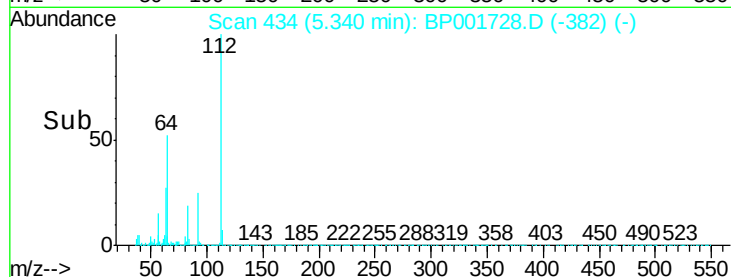
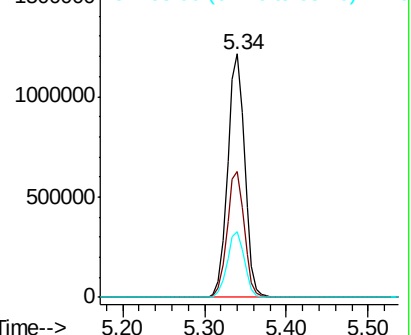
63 26.9 22.8 34.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 0.018 ng

RT: 7.05 min Scan# 725

Delta R.T. -0.01 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

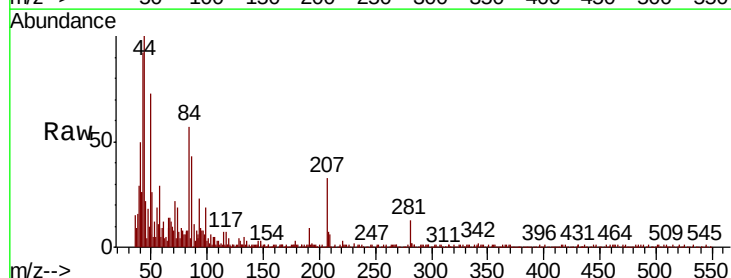
Tgt Ion: 93 Resp: 766

Ion Ratio Lower Upper

93 100

66 62.7 29.7 44.5#

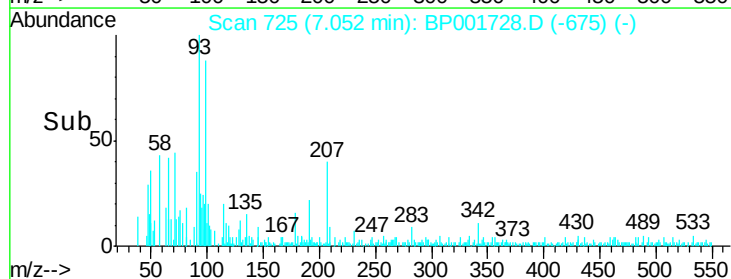
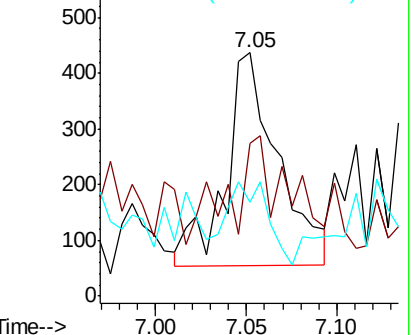
65 38.4 15.2 22.8#

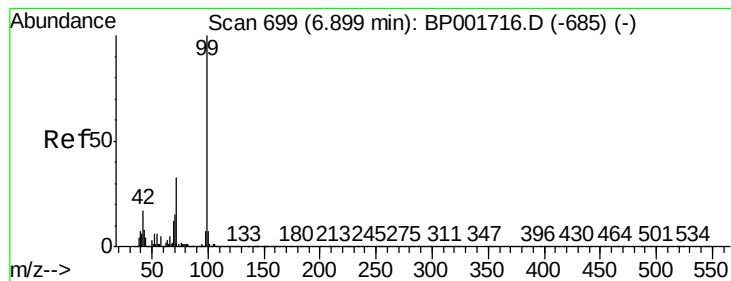


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 39.118 ng

RT: 6.90 min Scan# 699

Delta R.T. 0.00 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

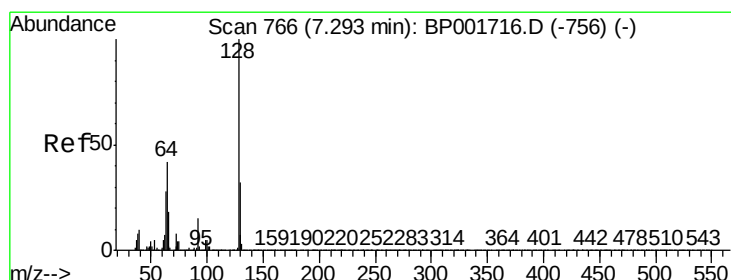
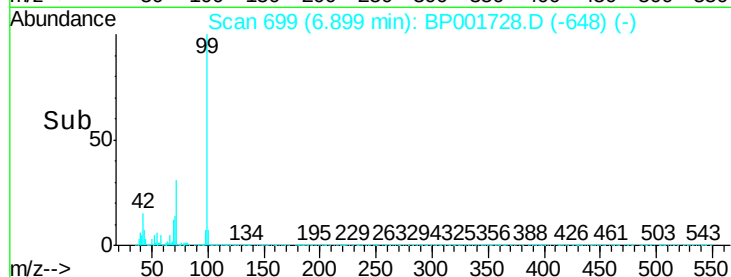
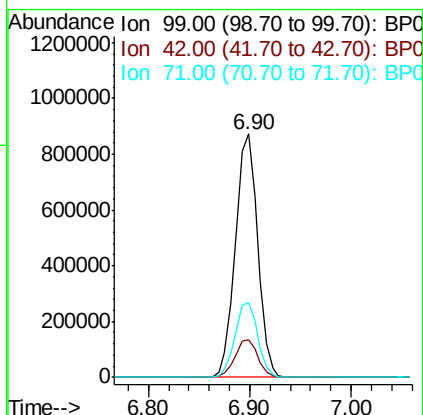
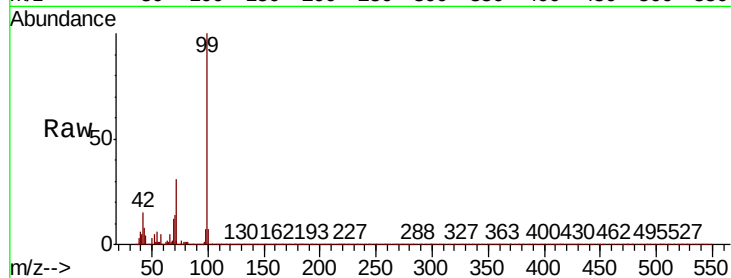
Tot Ion: 99 Resp: 1334193

Ion Ratio Lower Upper

99 100

42 15.3 13.4 20.2

71 30.6 26.1 39.1



#8

2-Chlorophenol

Concen: 0.001 ng

RT: 7.34 min Scan# 774

Delta R.T. 0.05 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

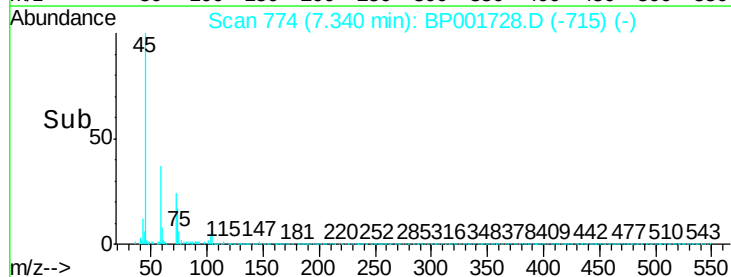
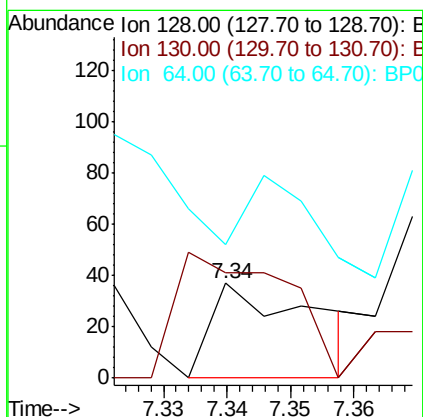
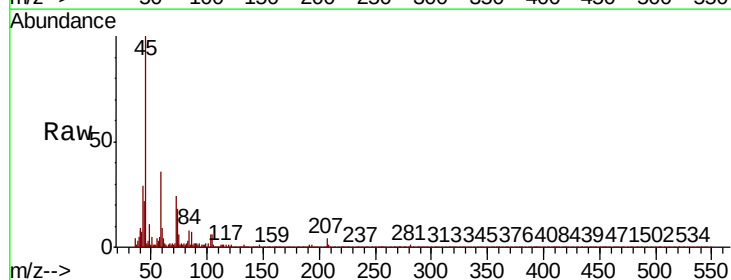
Tgt Ion: 128 Resp: 41

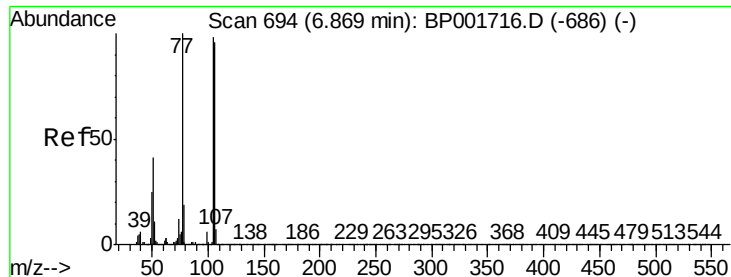
Ion Ratio Lower Upper

128 100

130 110.8 12.5 52.5#

64 140.5 22.7 62.7#

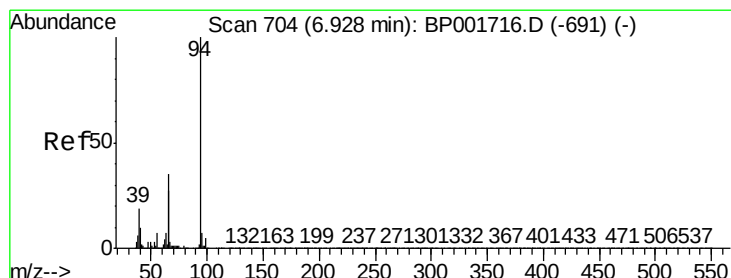
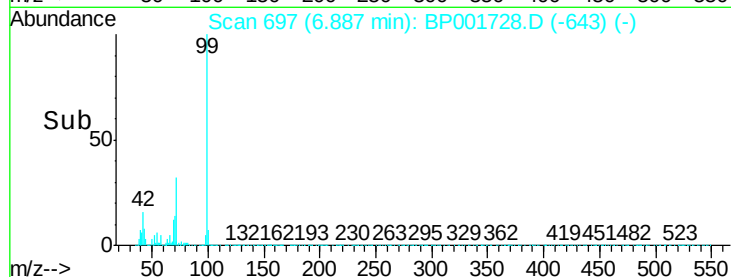
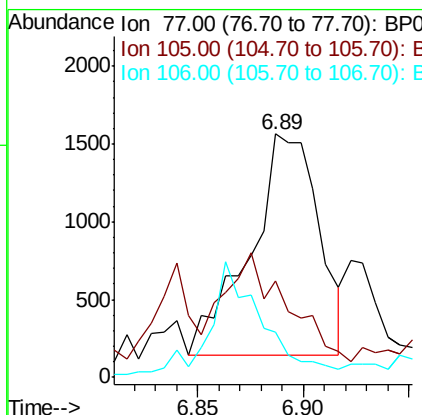
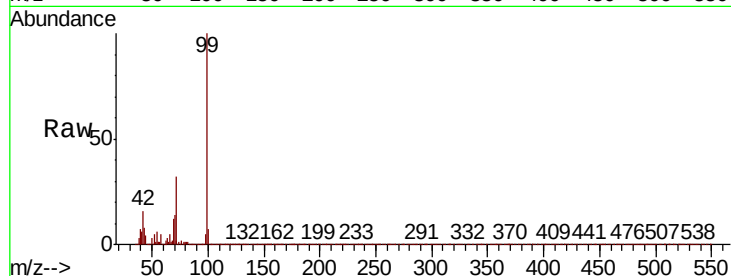




#9
Benzaldehyde
Concen: 0.177 ng
RT: 6.89 min Scan# 697
Delta R.T. 0.02 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

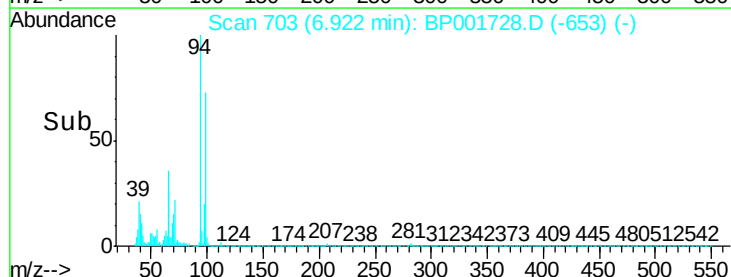
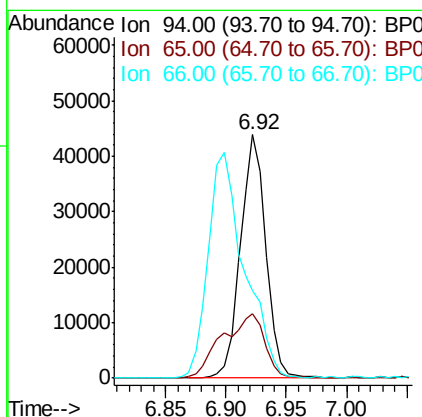
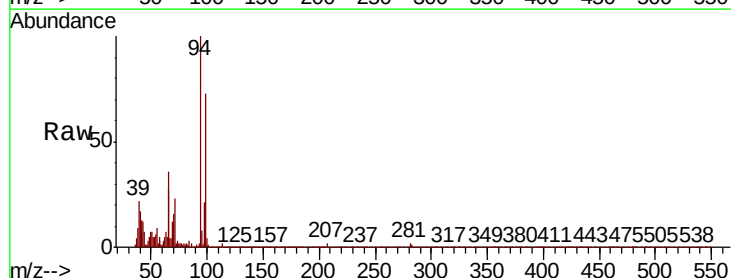
Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

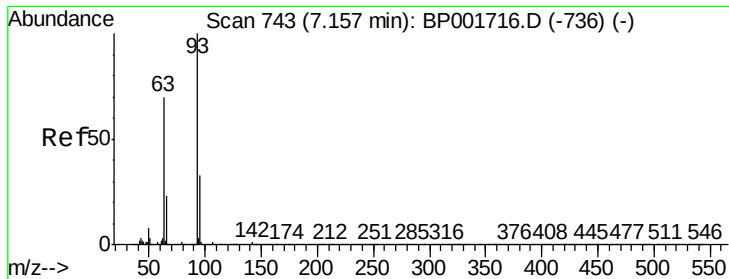
Tot Ion: 77 Resp: 3264
Ion Ratio Lower Upper
77 100
105 39.8 78.3 118.3#
106 18.5 76.4 116.4#



#10
Phenol
Concen: 1.842 ng
RT: 6.92 min Scan# 703
Delta R.T. -0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt Ion: 94 Resp: 64026
Ion Ratio Lower Upper
94 100
65 26.7 6.7 46.7
66 35.9 14.5 54.5

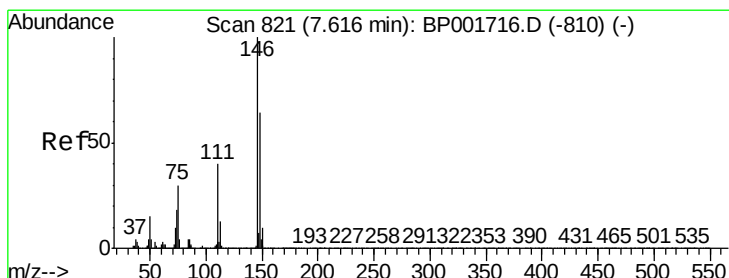
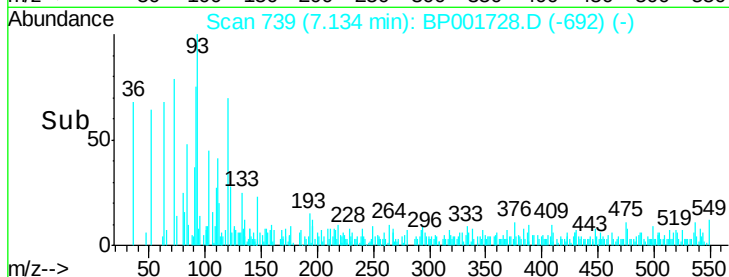
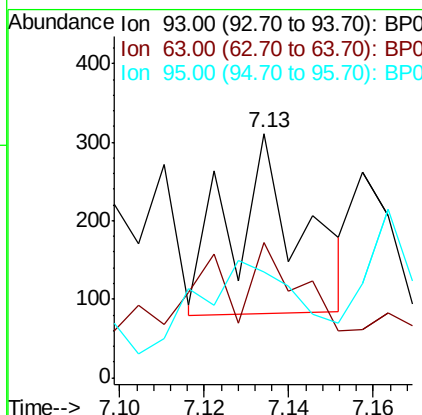
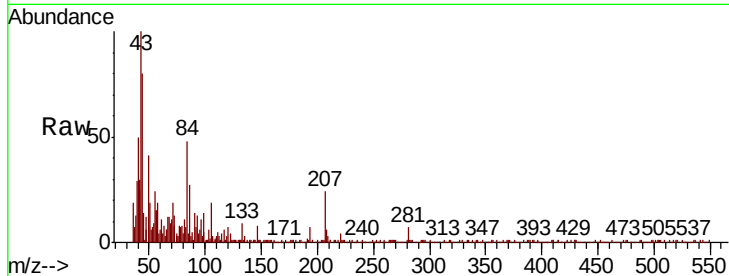




#11
bis(2-Chloroethyl)ether
Concen: 0.009 ng
RT: 7.13 min Scan# 739
Delta R.T. -0.02 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

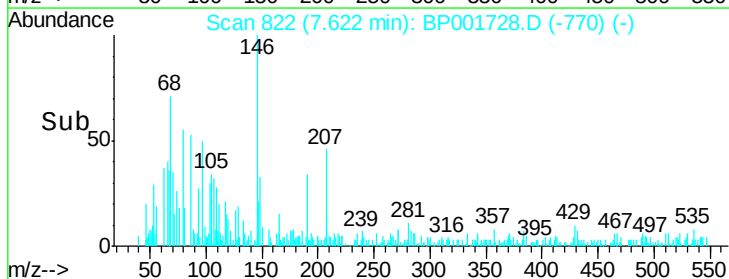
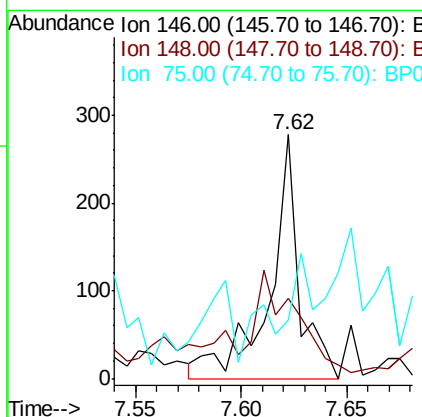
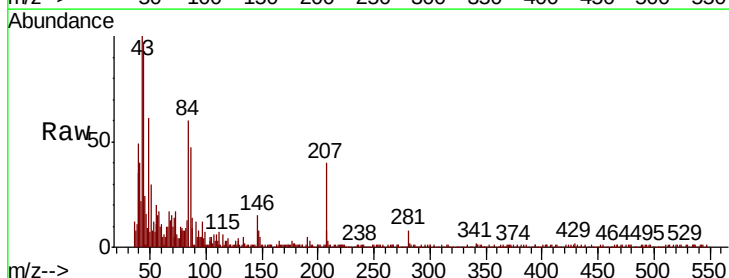
Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

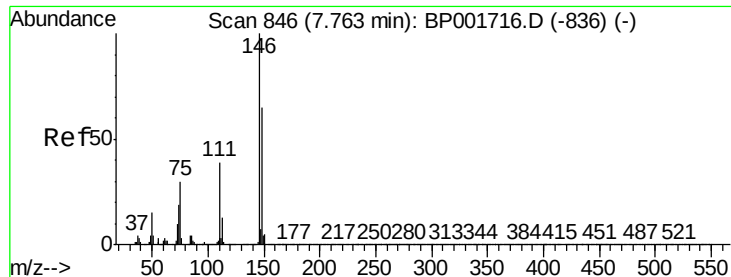
Tot Ion:	93	Resp:	261
Ion	Ratio	Lower	Upper
93	100		
63	55.3	49.4	89.4
95	43.4	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 0.008 ng
RT: 7.62 min Scan# 822
Delta R.T. 0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt Ion:	146	Resp:	268
Ion	Ratio	Lower	Upper
146	100		
148	32.7	50.8	76.2#
75	24.1	24.0	36.0

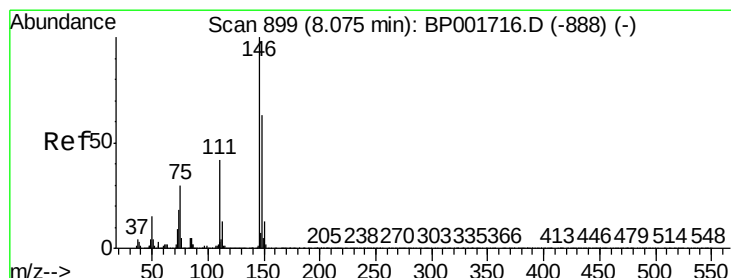
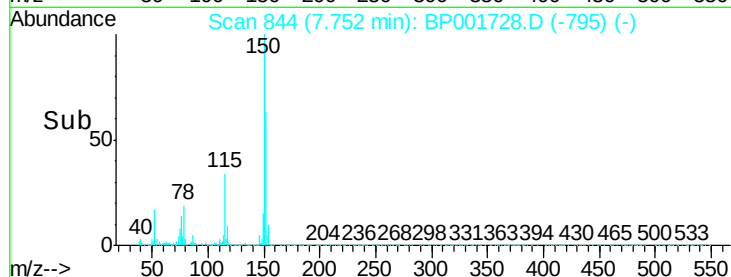
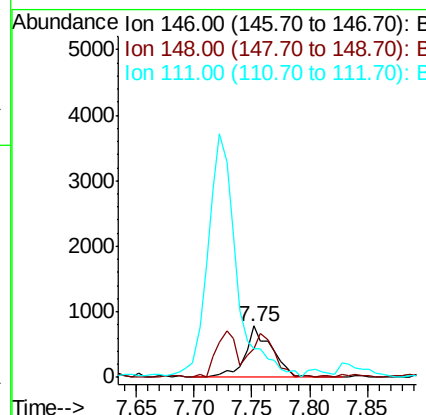
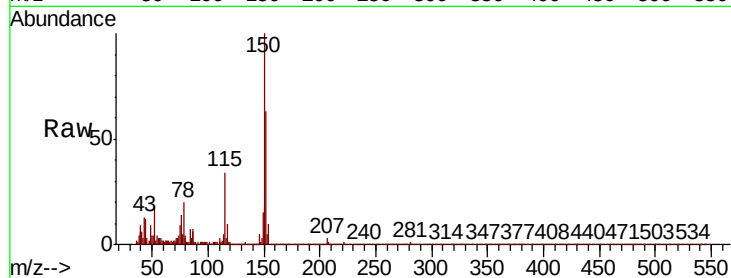




#13
1,4-Dichlorobenzene
Concen: 0.037 ng
RT: 7.75 min Scan# 844
Delta R.T. -0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

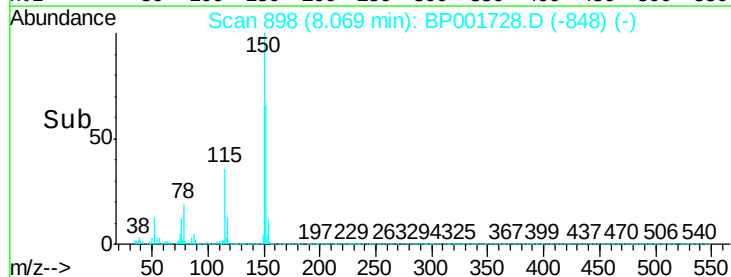
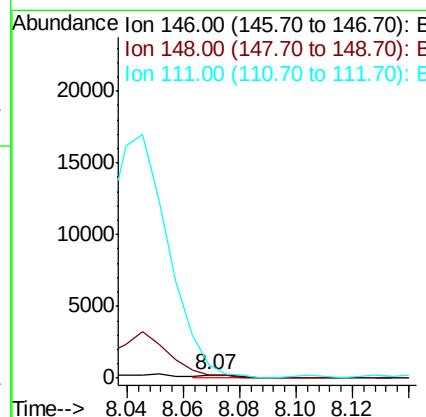
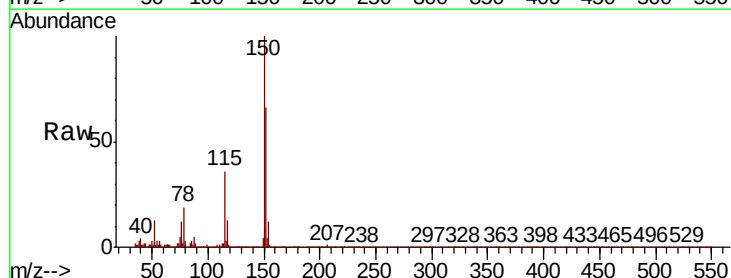
Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

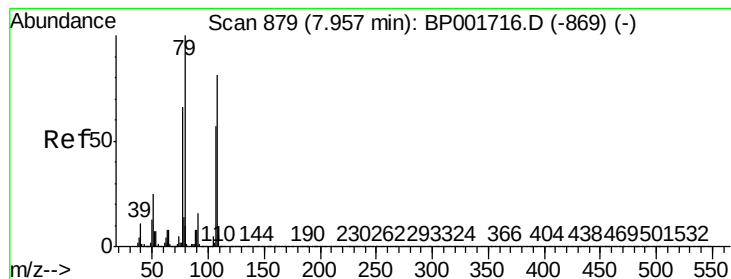
Tot Ion	Ratio	Lower	Upper
146	100		
148	56.0	52.2	78.2
111	56.0	30.9	46.3



#14
1,2-Dichlorobenzene
Concen: 0.008 ng
RT: 8.07 min Scan# 898
Delta R.T. -0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	79.3	50.8	76.2
111	366.5	33.3	49.9





#15

Benzyl Alcohol

Concen: 0.181 ng

RT: 7.96 min Scan# 879

Delta R.T. 0.00 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

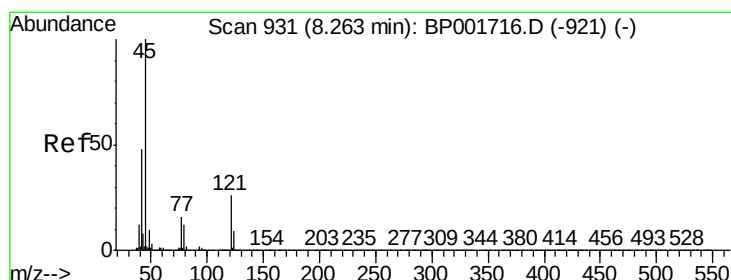
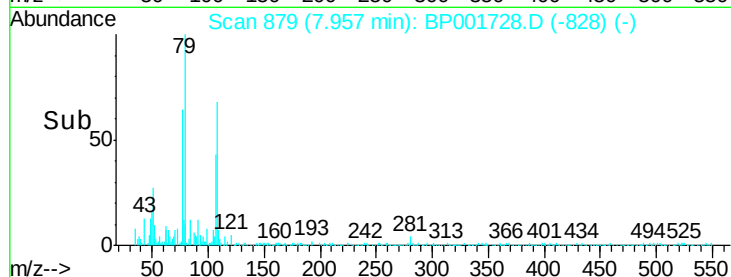
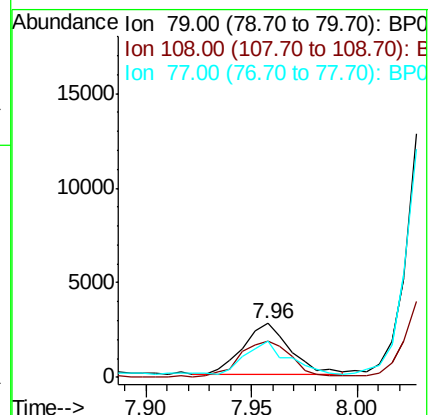
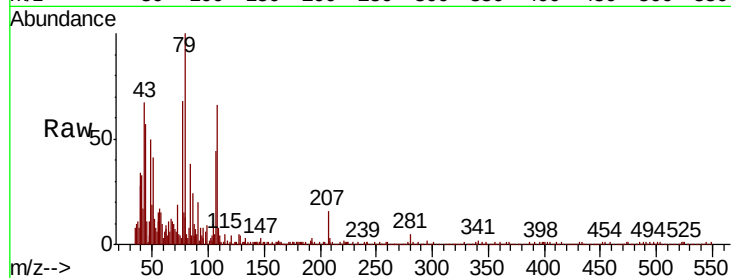
Tot Ion: 79 Resp: 4192

Ion Ratio Lower Upper

79 100

108 66.0 64.6 97.0

77 68.2 52.5 78.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 0.024 ng

RT: 8.31 min Scan# 939

Delta R.T. 0.05 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

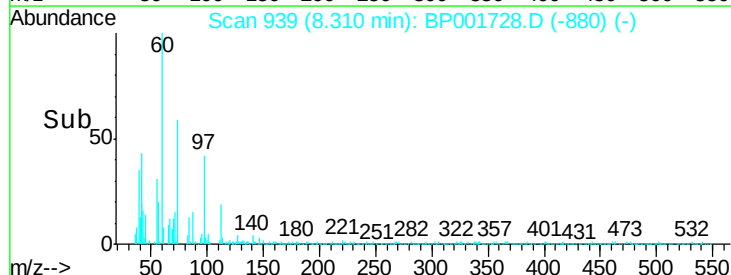
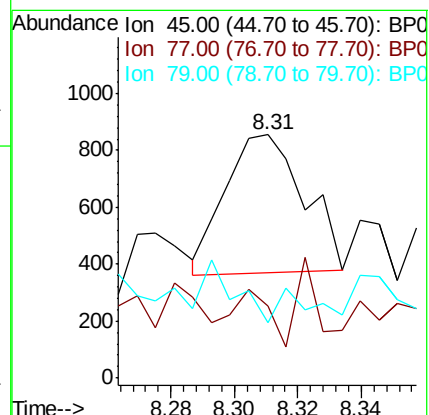
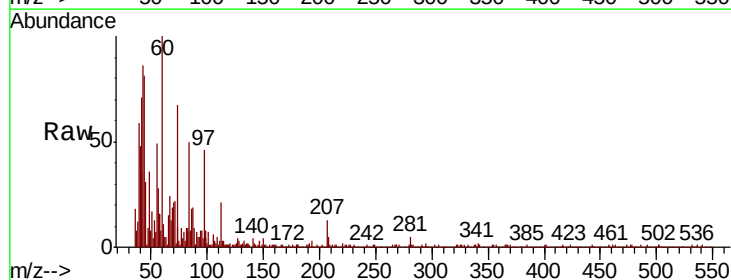
Tgt Ion: 45 Resp: 841

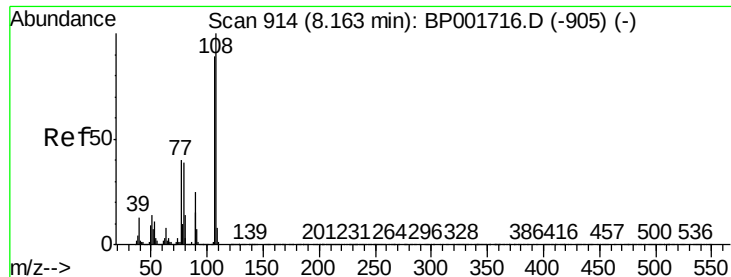
Ion Ratio Lower Upper

45 100

77 29.7 0.0 35.9

79 22.7 0.0 32.5





#17

2-Methylphenol

Concen: 0.023 ng

RT: 8.16 min Scan# 914

Delta R.T. 0.00 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

Tot Ion:107 Resp: 540

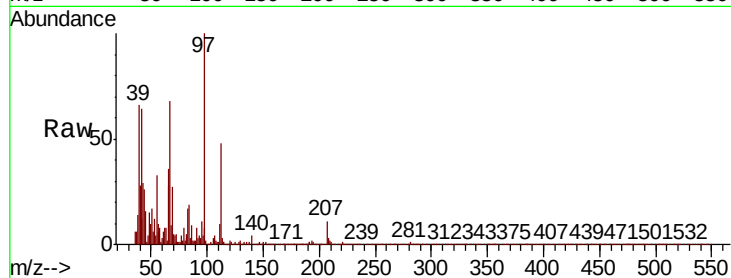
Ion Ratio Lower Upper

107 100

108 54.4 89.9 134.9#

77 103.2 36.2 54.2#

79 196.2 35.6 53.4#

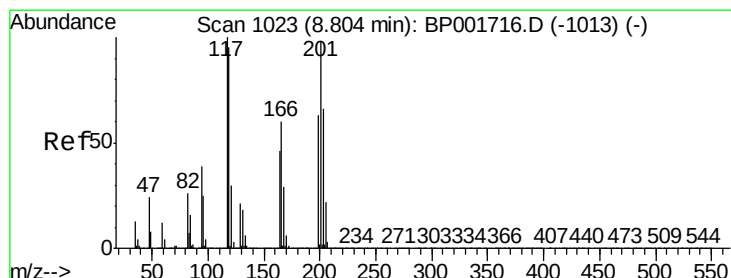
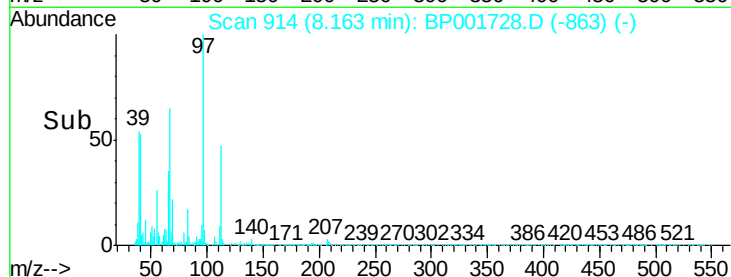
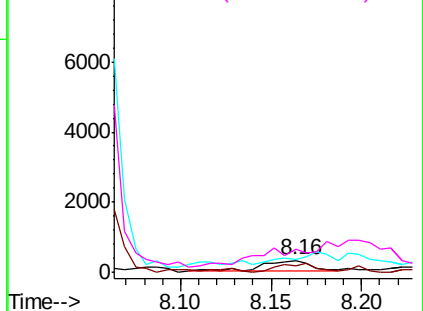


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 0.027 ng

RT: 8.83 min Scan# 1027

Delta R.T. 0.02 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

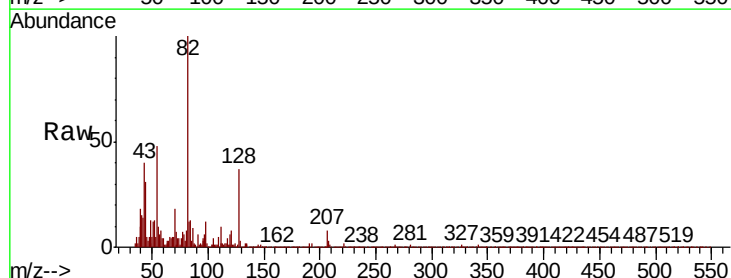
Tgt Ion:117 Resp: 329

Ion Ratio Lower Upper

117 100

119 143.7 75.8 113.6#

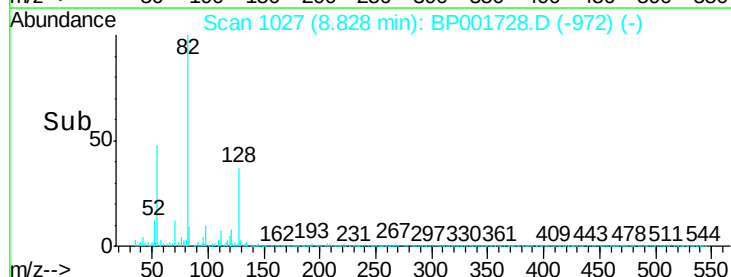
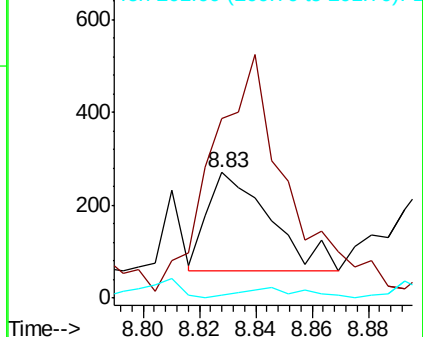
201 2.2 78.3 117.5#

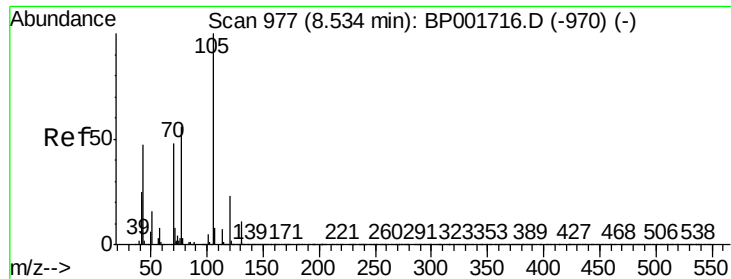


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

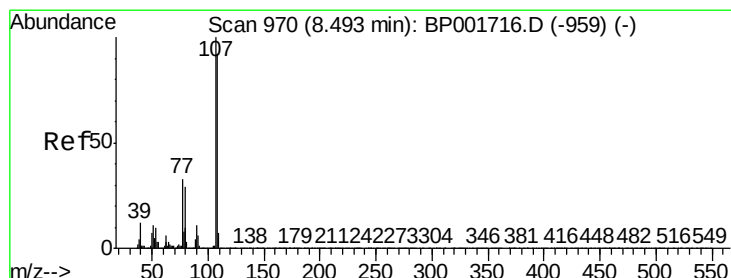
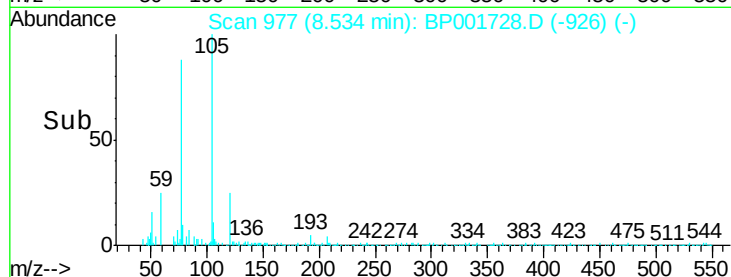
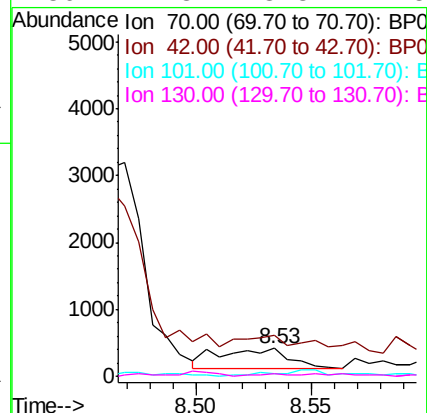
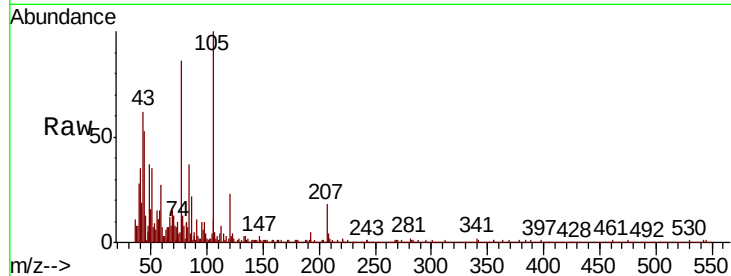




#19
n-Nitroso-di-n-propylamine
Concen: 0.029 ng
RT: 8.53 min Scan# 977
Delta R.T. 0.00 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

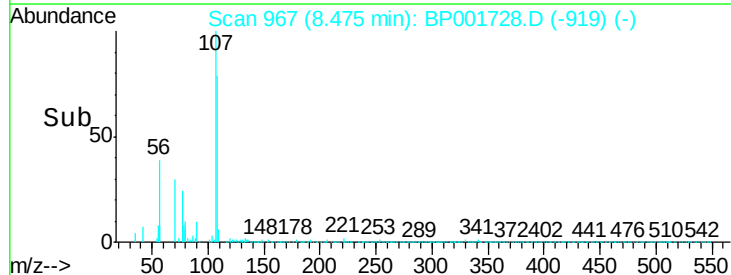
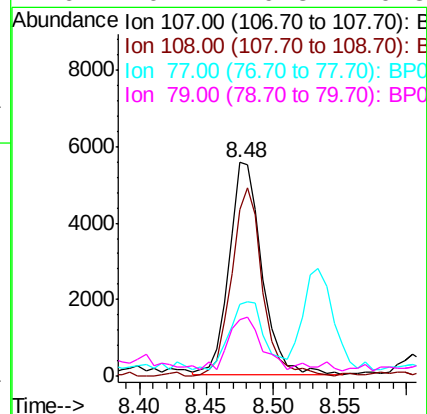
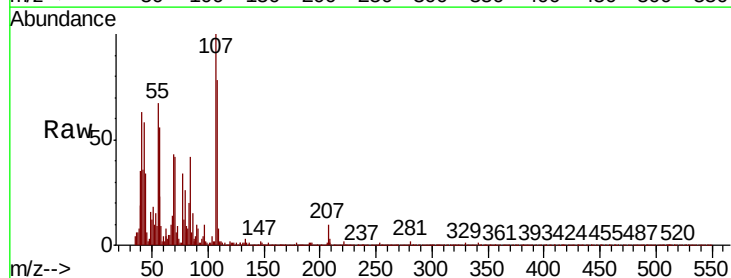
Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

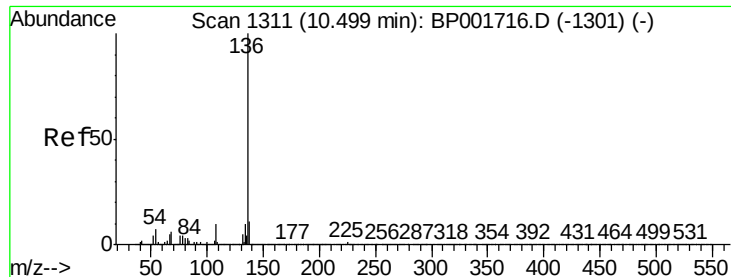
Tot Ion:	70	Resp:	609
Ion	Ratio	Lower	Upper
70	100		
42	146.8	43.3	64.9#
101	10.4	7.9	11.9
130	7.3	18.3	27.5#



#20
3+4-Methylphenols
Concen: 0.312 ng
RT: 8.48 min Scan# 967
Delta R.T. -0.02 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt Ion:	107	Resp:	9638
Ion	Ratio	Lower	Upper
107	100		
108	77.9	71.8	111.8
77	33.5	13.2	53.2
79	26.1	9.3	49.3

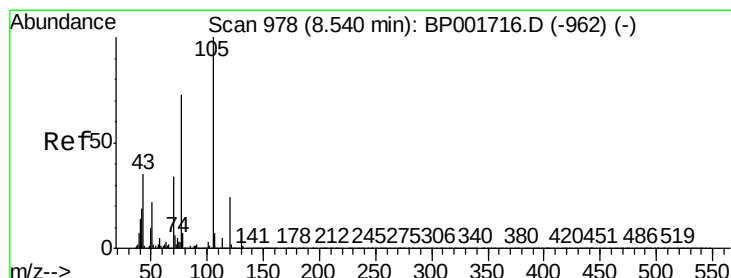
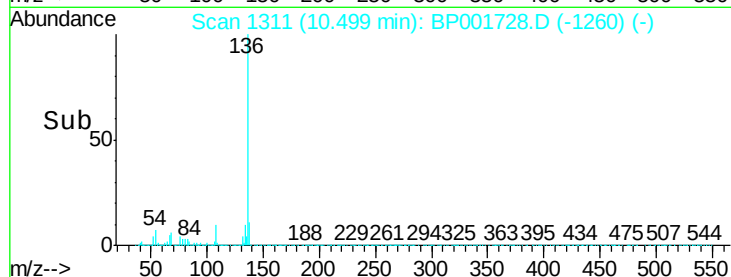
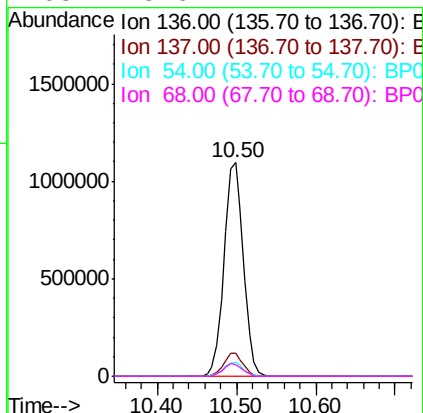
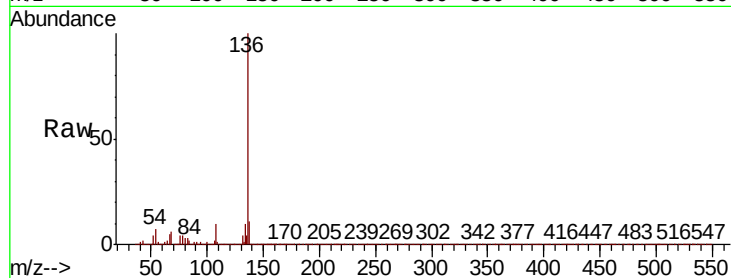




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

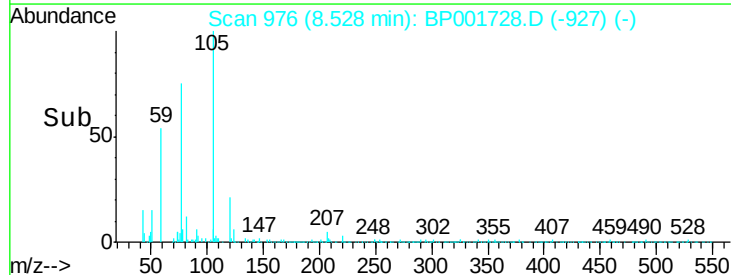
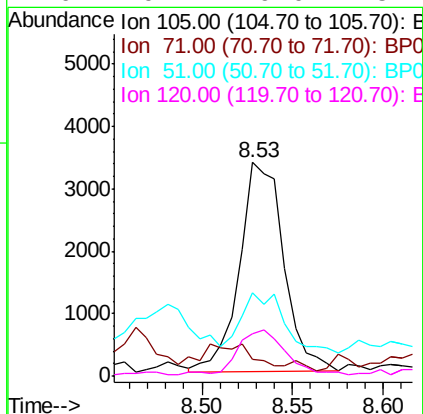
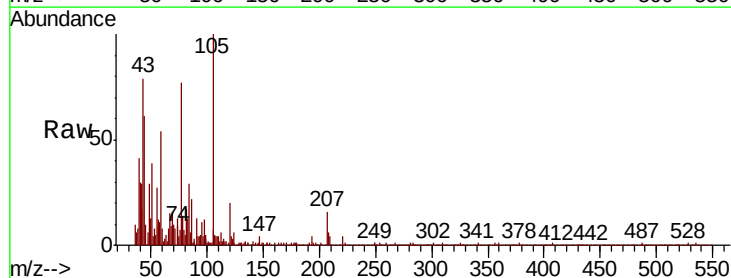
Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

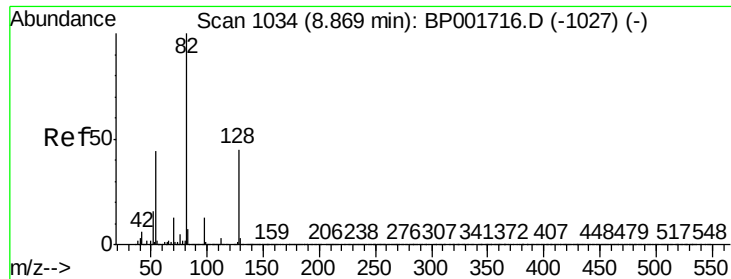
Tot Ion:136	Resp: 1830957
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 6.6	5.4 8.0
68 5.6	4.7 7.1



#22
Acetophenone
Concen: 0.128 ng
RT: 8.53 min Scan# 976
Delta R.T. -0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt	Ion:105	Resp:	5735
Ion	Ratio	Lower	Upper
105	100		
71	7.5	4.5	6.7#
51	39.2	17.9	26.9#
120	19.7	19.0	28.4

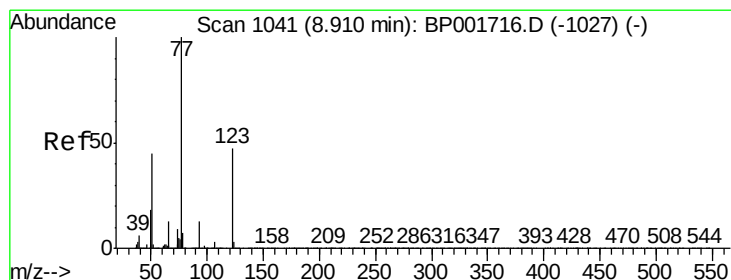
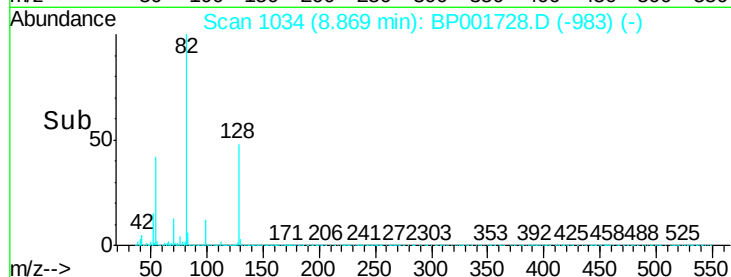
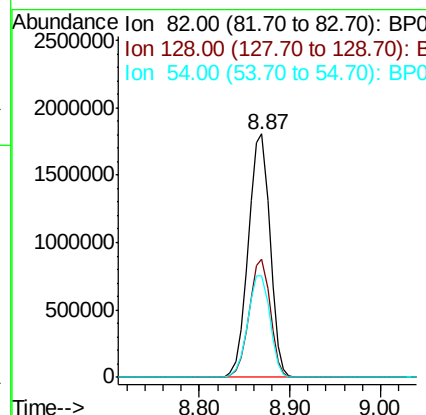
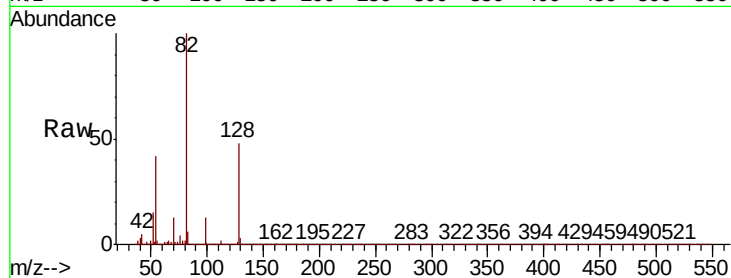




#23
Nitrobenzene-d5
Concen: 99.706 ng
RT: 8.87 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

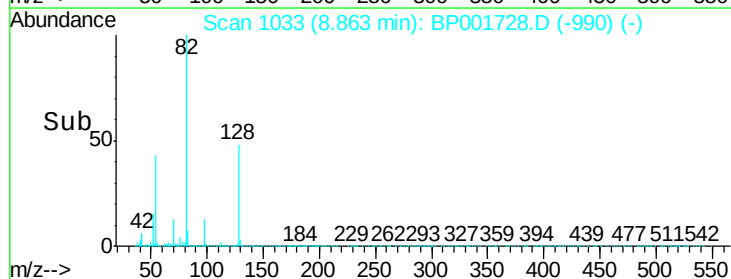
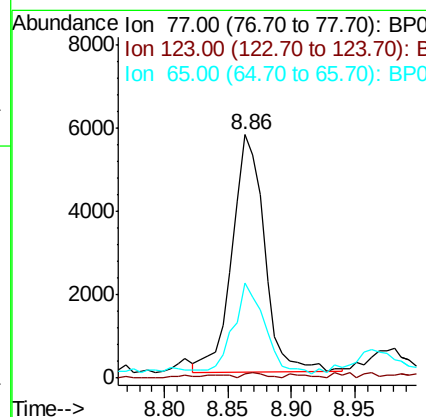
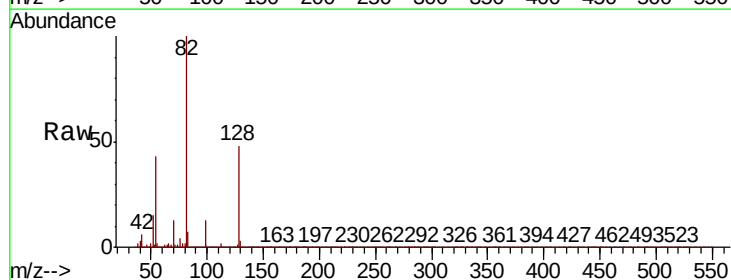
Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

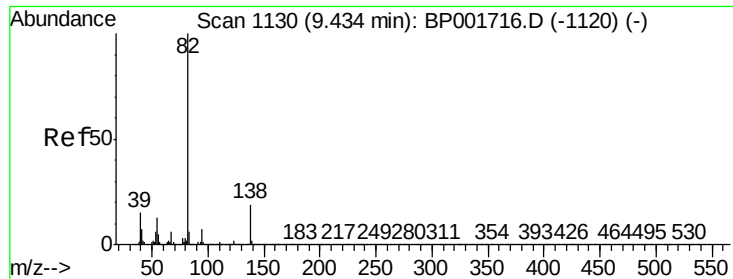
Tot Ion: 82 Resp: 2986352
Ion Ratio Lower Upper
82 100
128 48.3 35.9 53.9
54 41.7 35.4 53.2



#24
Nitrobenzene
Concen: 0.327 ng
RT: 8.86 min Scan# 1033
Delta R.T. -0.05 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt Ion: 77 Resp: 9992
Ion Ratio Lower Upper
77 100
123 1.5 37.6 56.4#
65 39.0 10.2 15.4#





#25

Isophorone

Concen: 0.129 ng

RT: 9.43 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

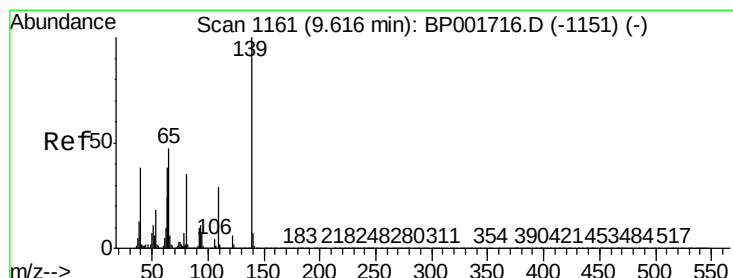
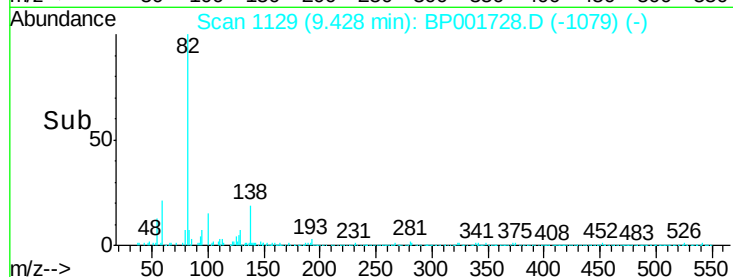
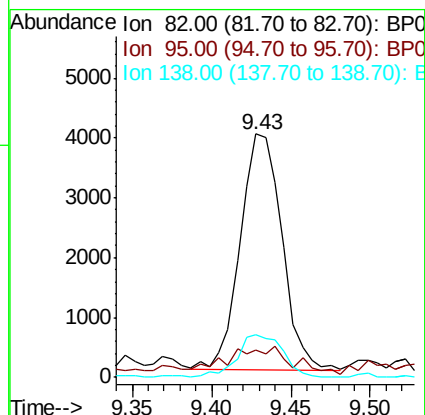
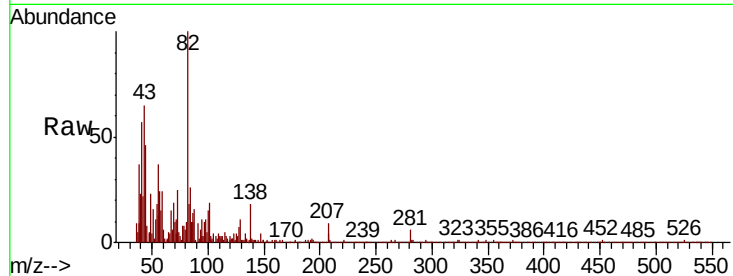
Tot Ion: 82 Resp: 7237

Ion Ratio Lower Upper

82 100

95 11.4 5.4 8.2#

138 17.5 15.0 22.4



#26

2-Nitrophenol

Concen: 9.941 ng

RT: 9.62 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

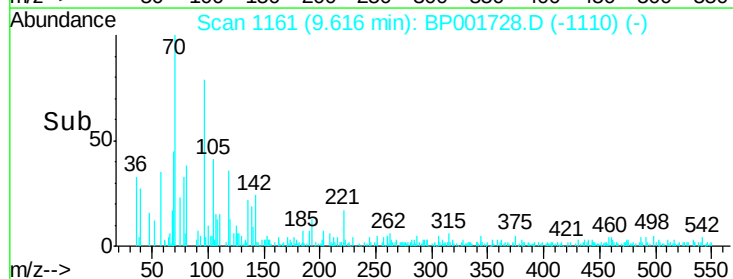
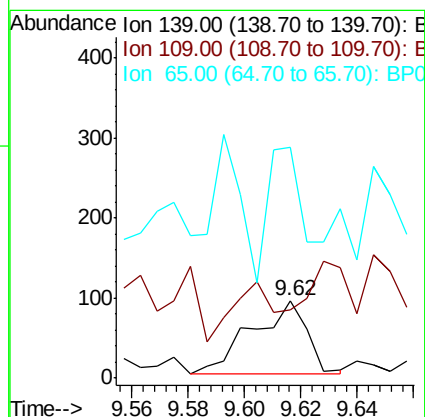
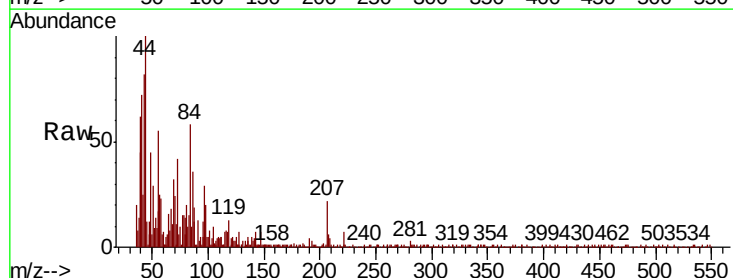
Tgt Ion: 139 Resp: 122

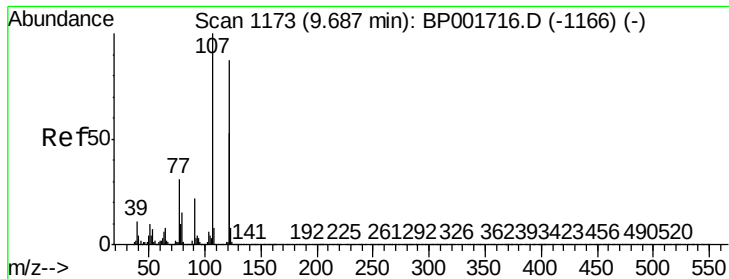
Ion Ratio Lower Upper

139 100

109 87.6 23.3 34.9#

65 297.9 37.4 56.0#





#27

2,4-Dimethylphenol

Concen: 0.009 ng

RT: 9.49 min Scan# 1139

Delta R.T. -0.20 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

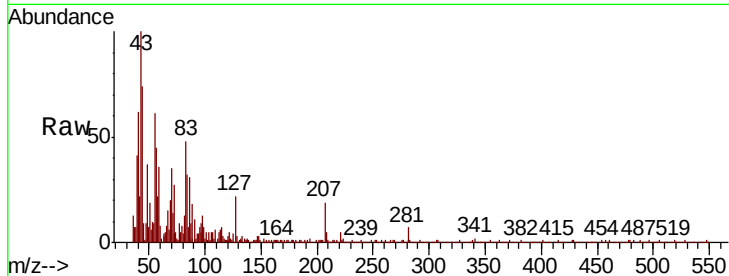
Tot Ion:122 Resp: 198

Ion Ratio Lower Upper

122 100

107 102.0 92.3 138.5

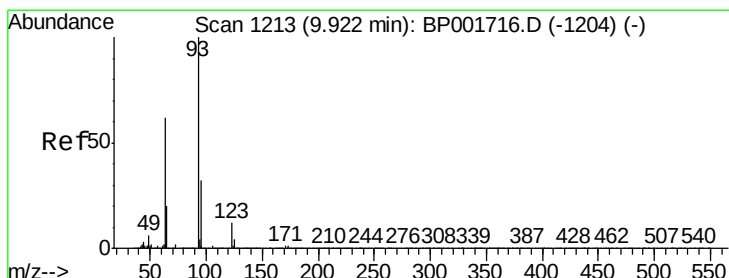
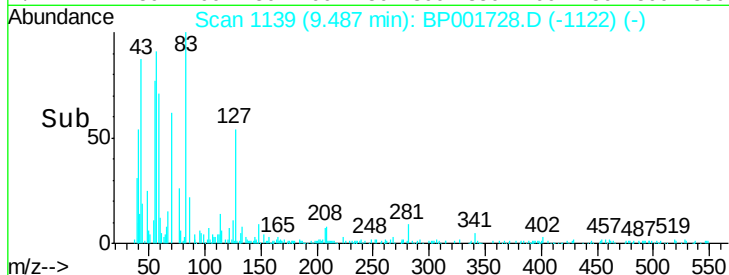
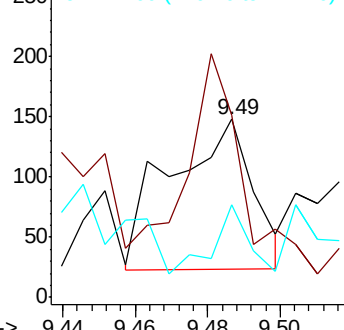
121 52.0 48.5 72.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 0.007 ng

RT: 9.91 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

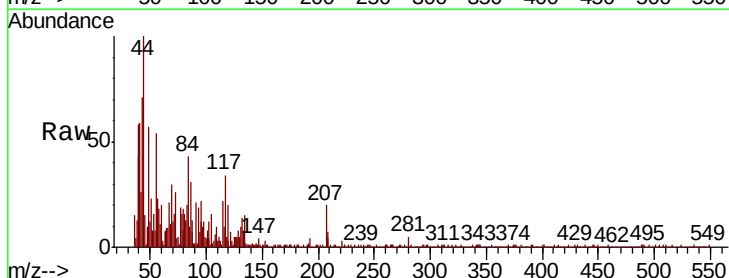
Tgt Ion: 93 Resp: 266

Ion Ratio Lower Upper

93 100

95 115.6 25.9 38.9#

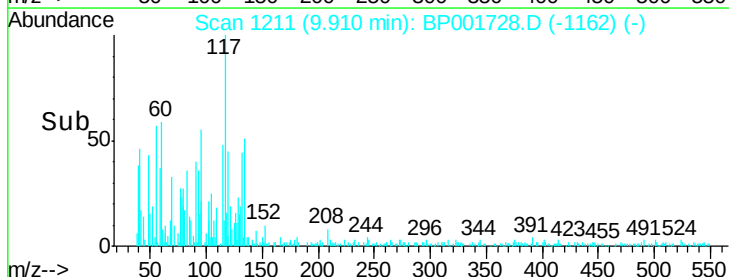
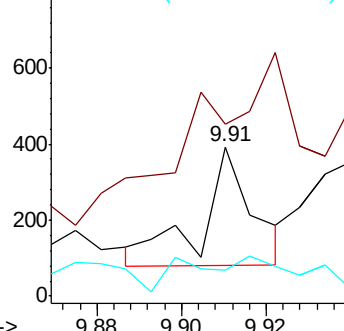
123 17.6 9.7 14.5#

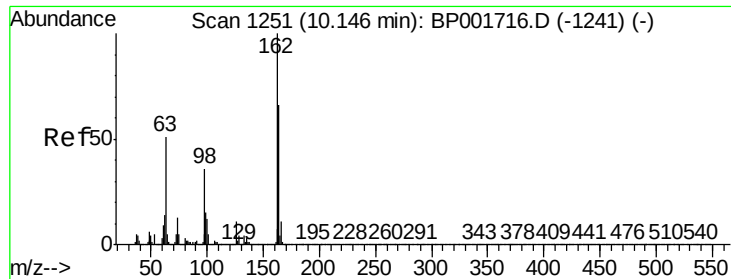


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

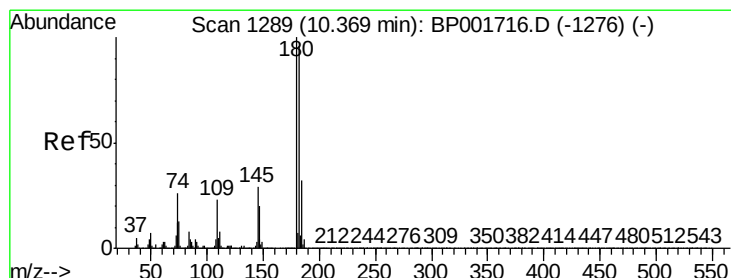
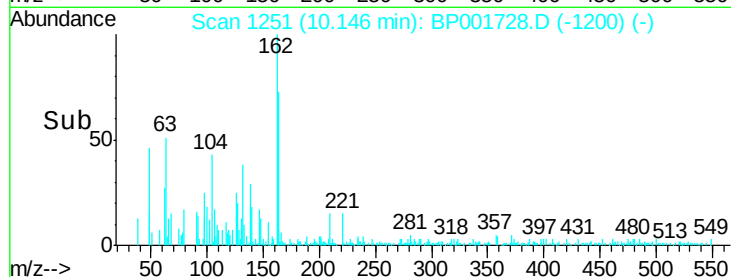
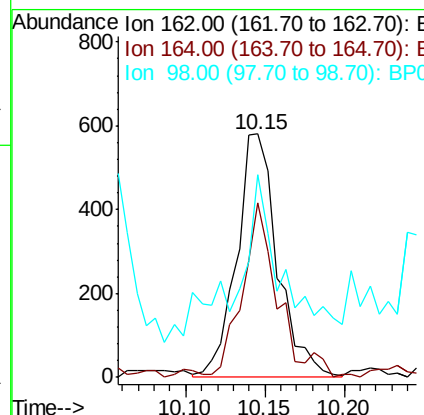
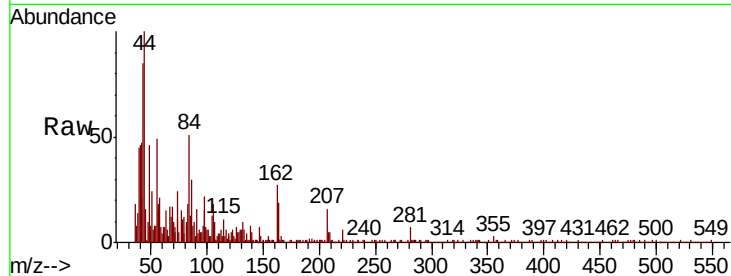




#29
2,4-Dichlorophenol
Concen: 0.040 ng
RT: 10.15 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

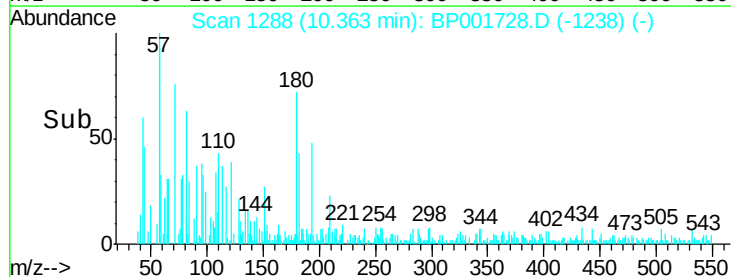
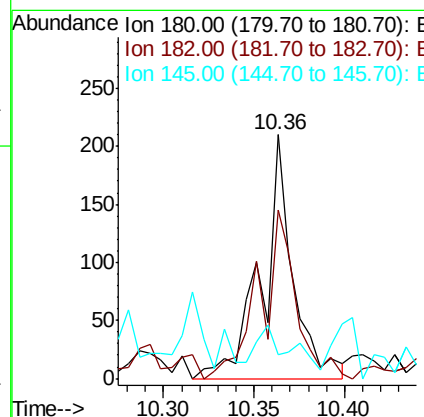
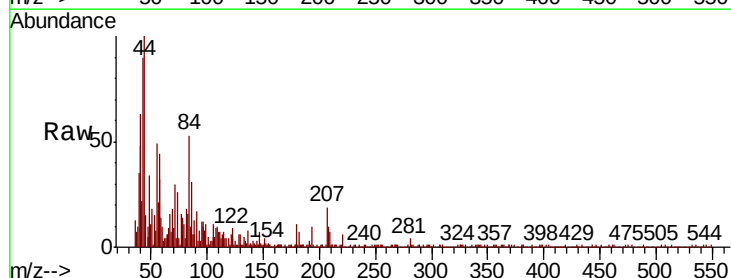
Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

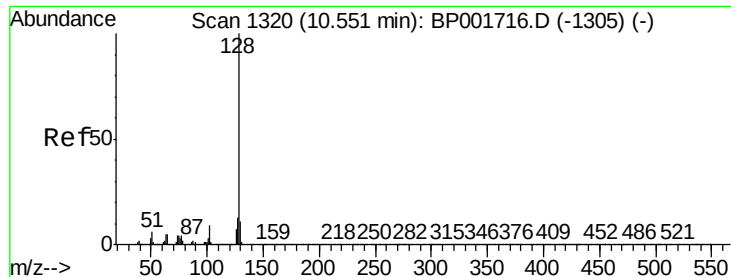
Tot Ion	Ratio	Lower	Upper
162	100		
164	71.6	45.7	85.7
98	83.5	16.1	56.1



#30
1,2,4-Trichlorobenzene
Concen: 0.008 ng
RT: 10.36 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	65.6	77.2	115.8#
145	9.5	23.5	35.3#

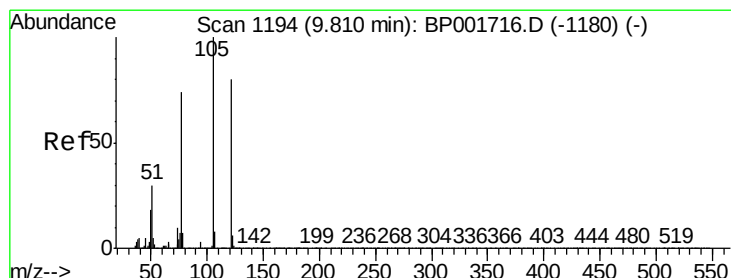
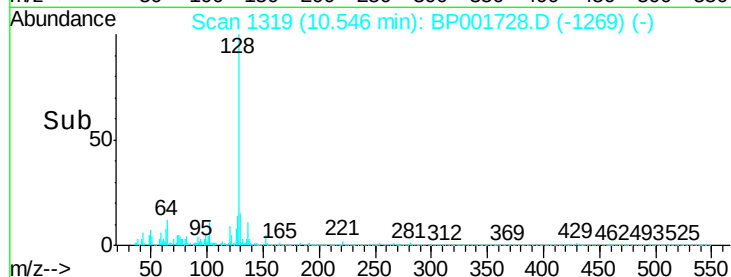
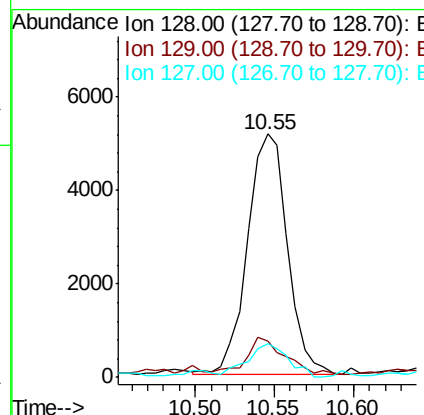
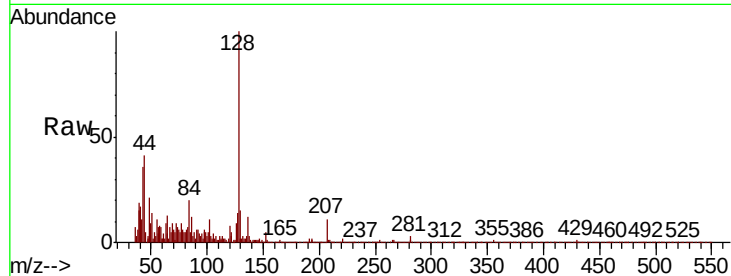




#31
Naphthalene
Concen: 0.097 ng
RT: 10.55 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

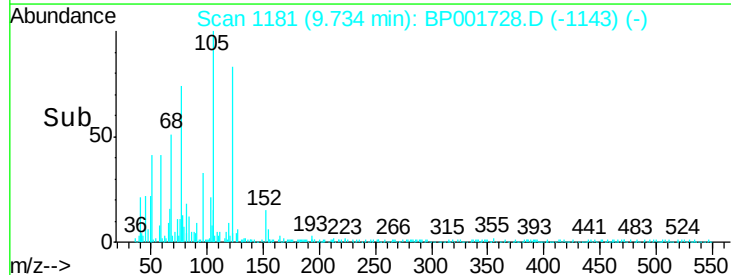
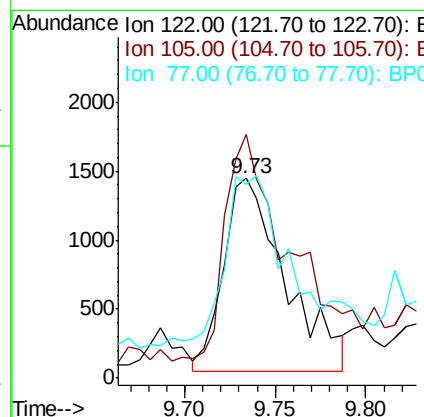
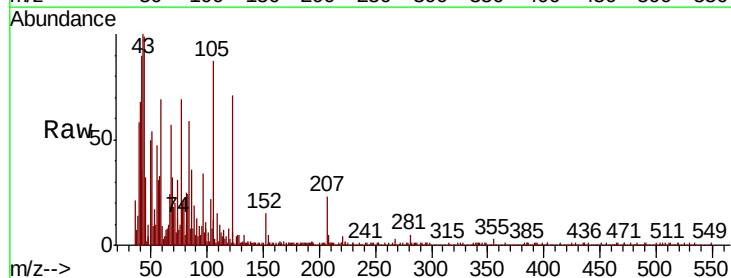
Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

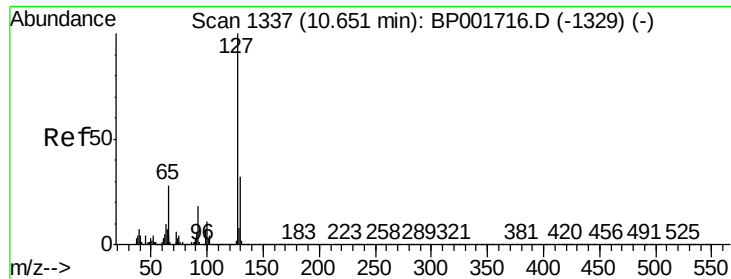
Tot Ion:128 Resp: 9035
Ion Ratio Lower Upper
128 100
129 14.8 8.6 13.0#
127 13.7 10.2 15.4



#32
Benzoic acid
Concen: 10.348 ng
RT: 9.73 min Scan# 1181
Delta R.T. -0.08 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt Ion:122 Resp: 3317
Ion Ratio Lower Upper
122 100
105 122.1 99.8 139.8
77 97.3 71.0 111.0

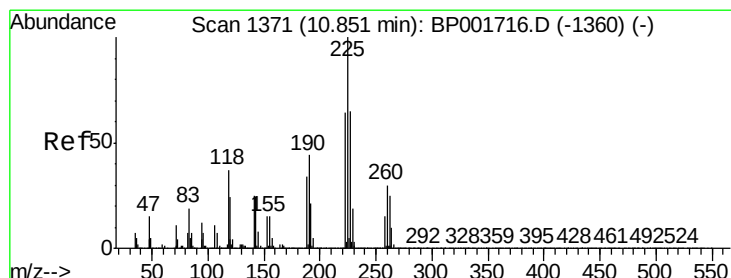
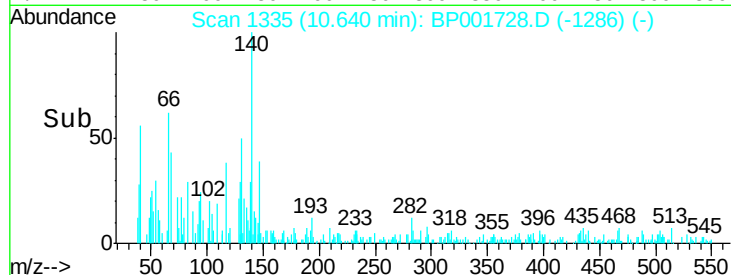
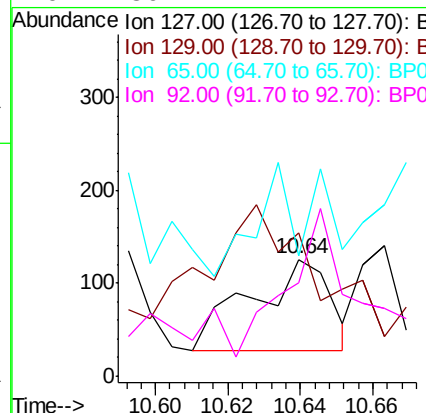
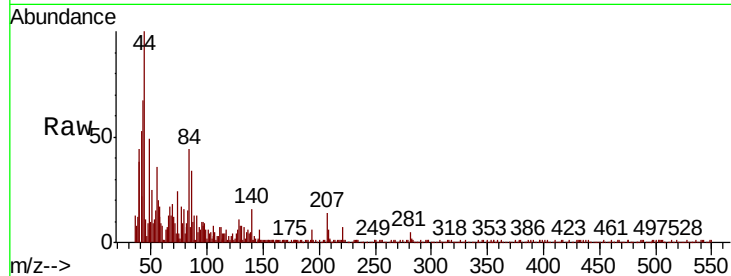




#33
4-Chloroaniline
Concen: 0.004 ng
RT: 10.64 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

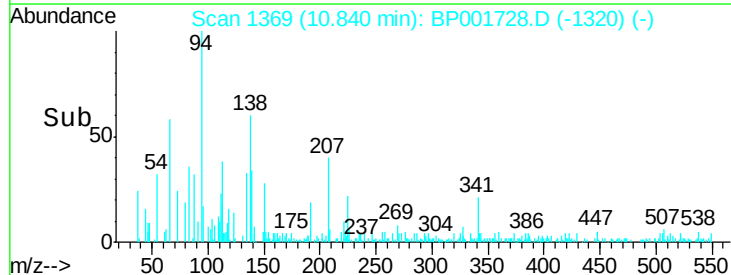
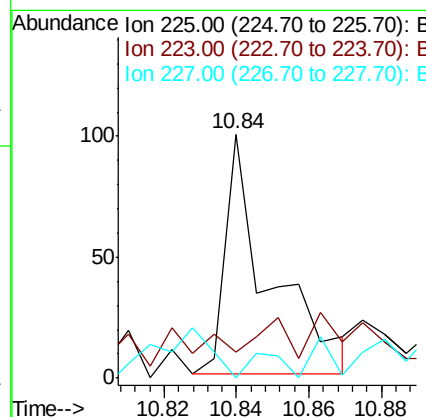
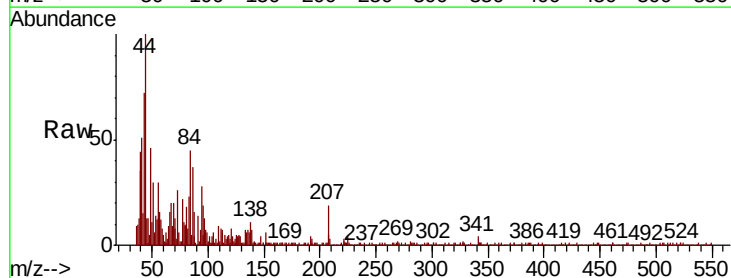
Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

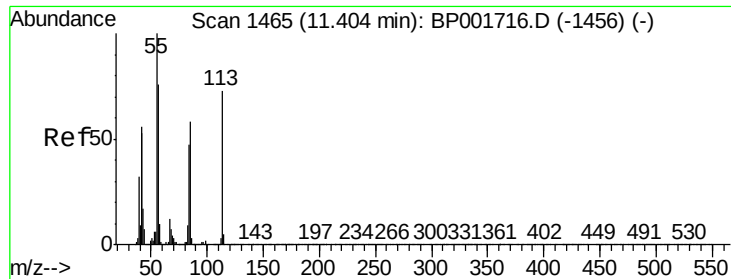
Tot Ion:	127	Resp:	151
Ion	Ratio	Lower	Upper
127	100		
129	131.7	25.5	38.3#
65	102.4	22.2	33.2#
92	80.2	14.7	22.1#



#34
Hexachlorobutadiene
Concen: 0.004 ng
RT: 10.84 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt Ion:	225	Resp:	84
Ion	Ratio	Lower	Upper
225	100		
223	10.9	51.4	77.2#
227	0.0	51.6	77.4#

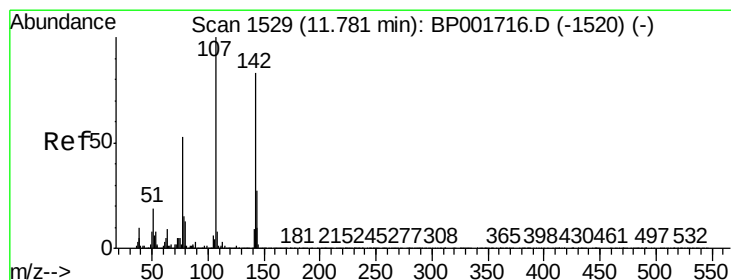
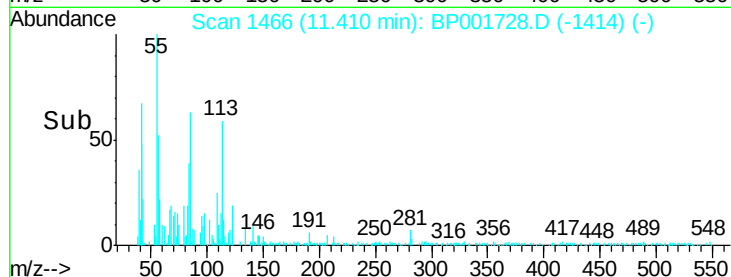
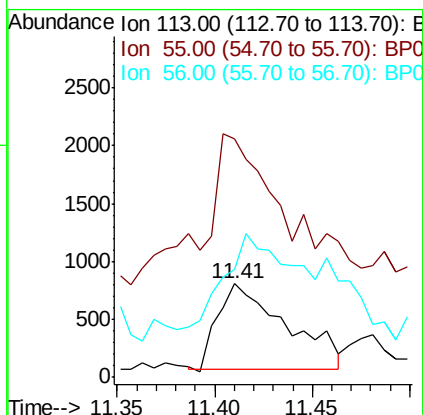
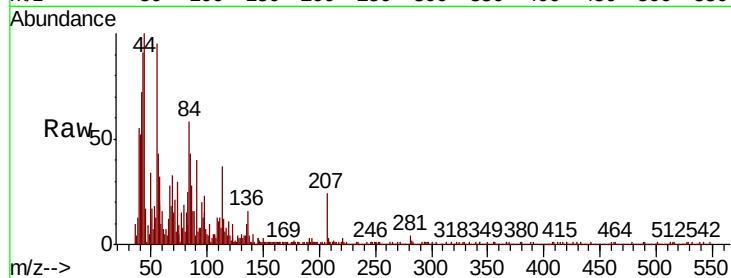




#35
 Caprolactam
 Concen: 0.229 ng
 RT: 11.41 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BP001728.D
 Acq: 07 Feb 2020 19:29

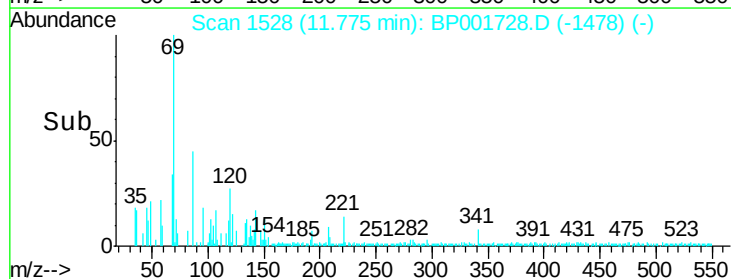
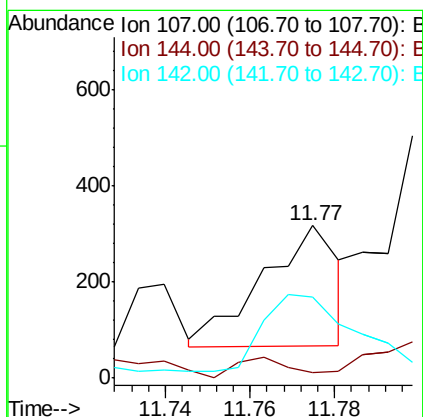
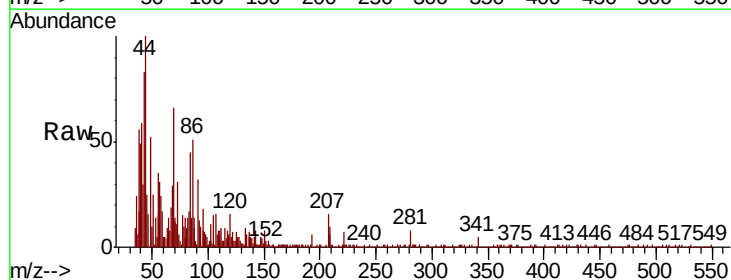
Instrument :
 BNA_P
 ClientSampleId :
 GROUNDWATER

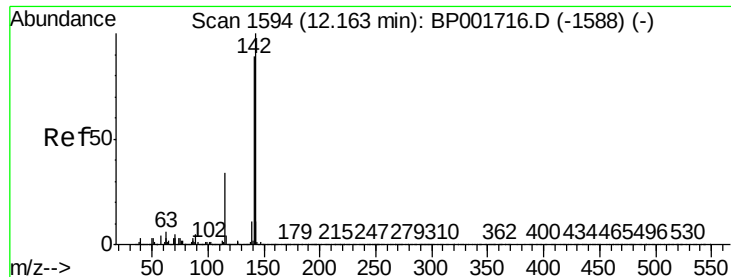
Tot Ion:113 Resp: 1800
 Ion Ratio Lower Upper
 113 100
 55 255.5 117.4 157.4#
 56 115.9 84.8 124.8



#36
 4-Chloro-3-methylphenol
 Concen: 0.012 ng
 RT: 11.77 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BP001728.D
 Acq: 07 Feb 2020 19:29

Tgt Ion:107 Resp: 313
 Ion Ratio Lower Upper
 107 100
 144 3.8 21.9 32.9#
 142 53.6 66.7 100.1#

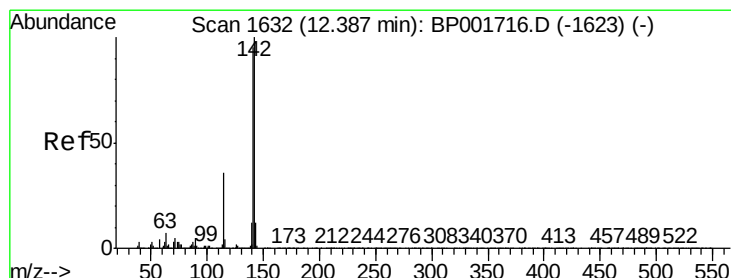
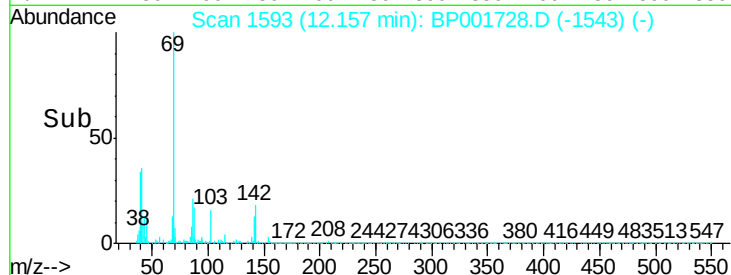
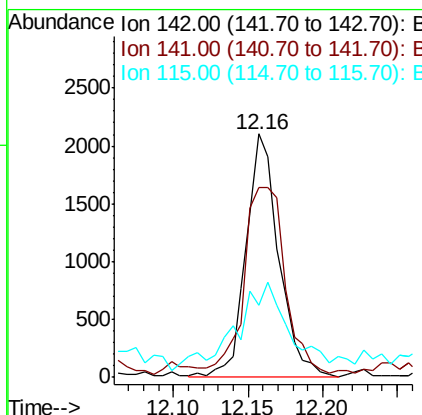
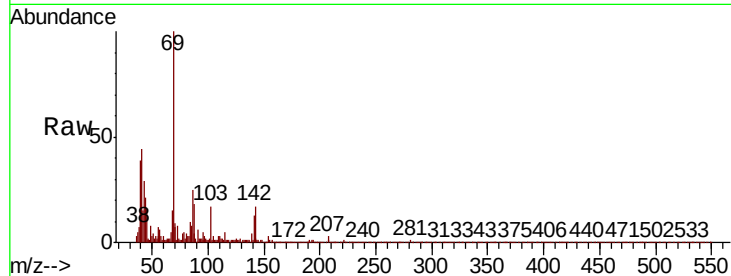




#37
2-Methylnaphthalene
Concen: 0.048 ng
RT: 12.16 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

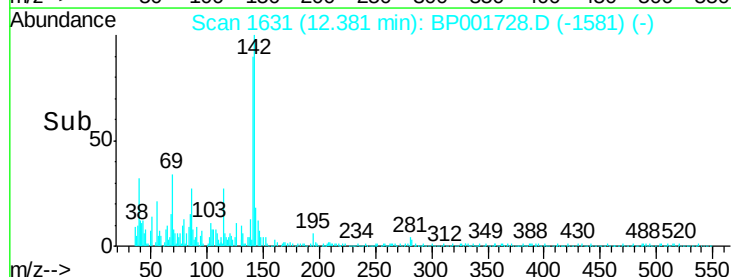
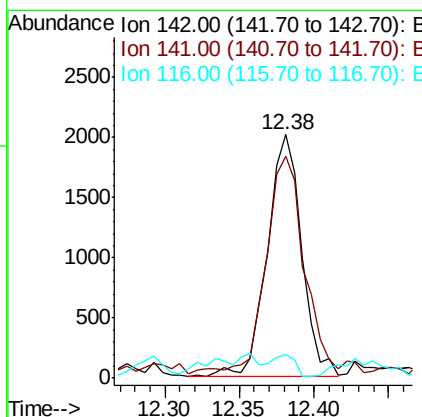
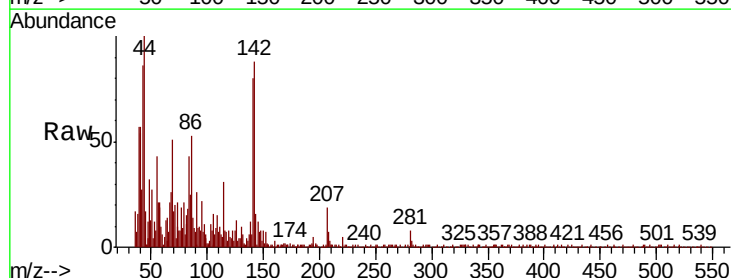
Instrument :
BNA_P
ClientSampled :
GROUNDWATER

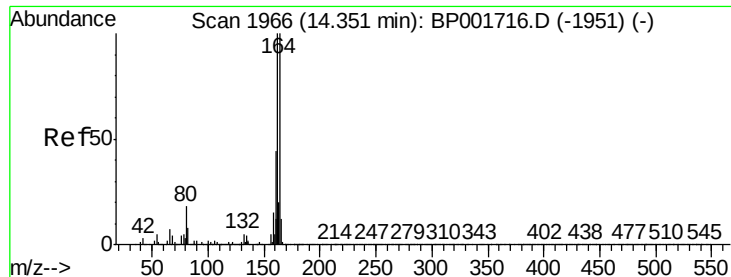
Tot Ion:142 Resp: 3154
Ion Ratio Lower Upper
142 100
141 77.9 71.0 106.6
115 29.5 27.6 41.4



#38
1-Methylnaphthalene
Concen: 0.052 ng
RT: 12.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt Ion:142 Resp: 3207
Ion Ratio Lower Upper
142 100
141 90.9 76.4 114.6
116 9.5 3.0 4.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

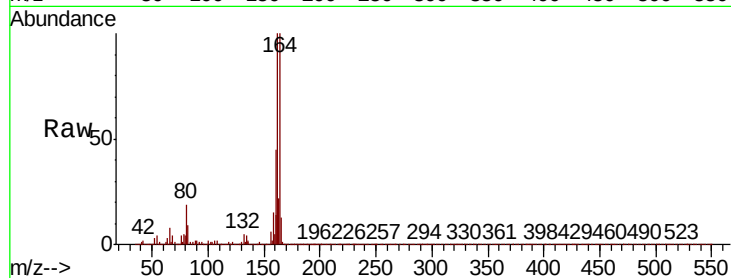
Tot Ion:164 Resp: 990692

Ion Ratio Lower Upper

164 100

162 99.9 79.8 119.6

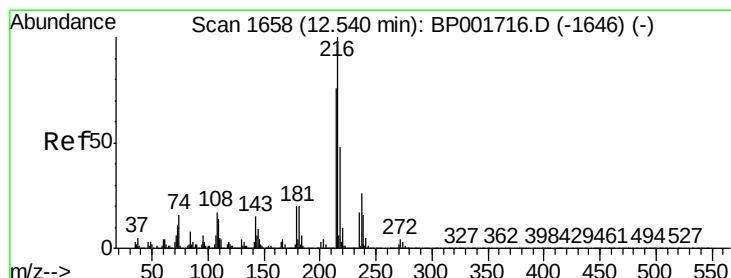
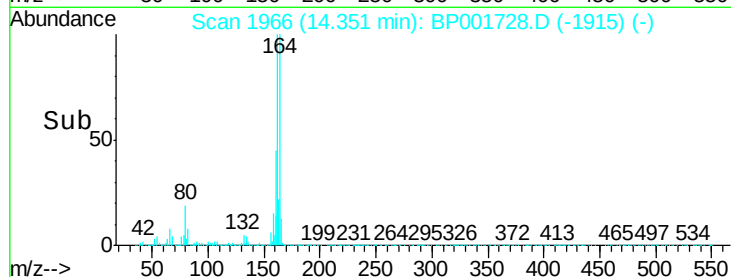
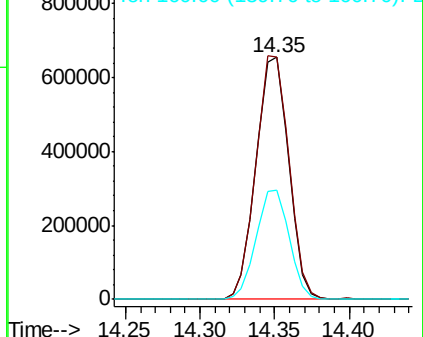
160 45.0 35.1 52.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 0.009 ng

RT: 12.54 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Tgt Ion:216 Resp: 290

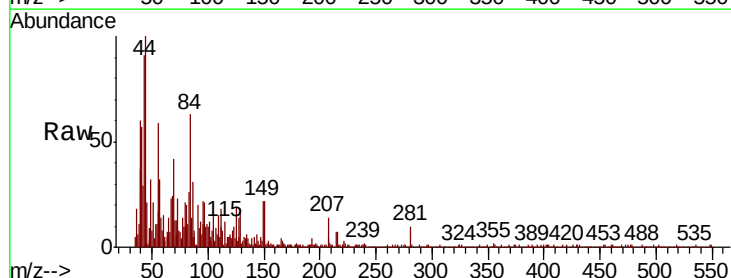
Ion Ratio Lower Upper

216 100

214 76.6 62.5 93.7

179 24.1 16.3 24.5

108 0.0 14.8 22.2#

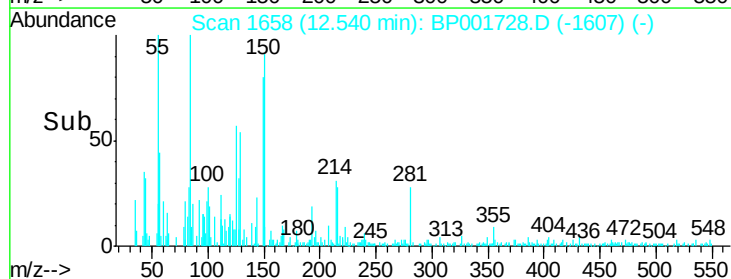
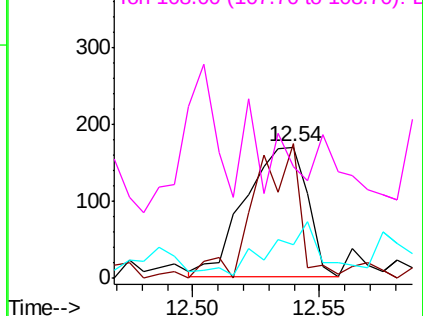


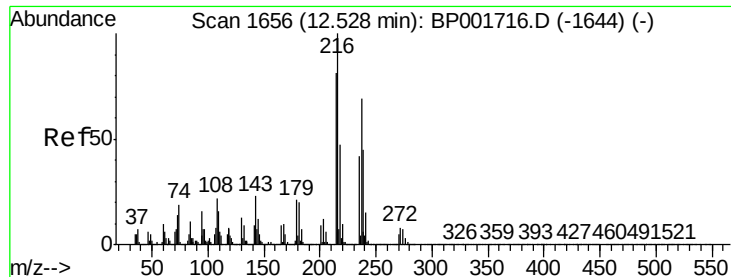
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 0.001 ng

RT: 12.40 min Scan# 1634

Delta R.T. -0.13 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

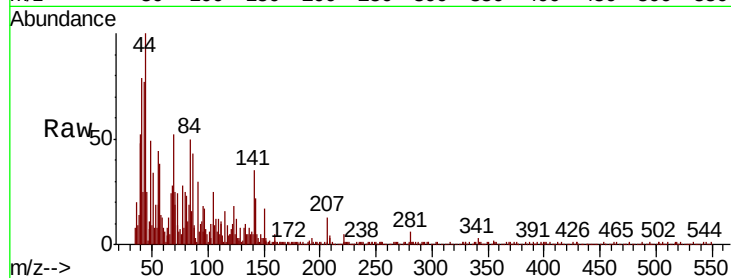
Tot Ion:237 Resp: 11

Ion Ratio Lower Upper

237 100

235 45.8 40.5 80.5

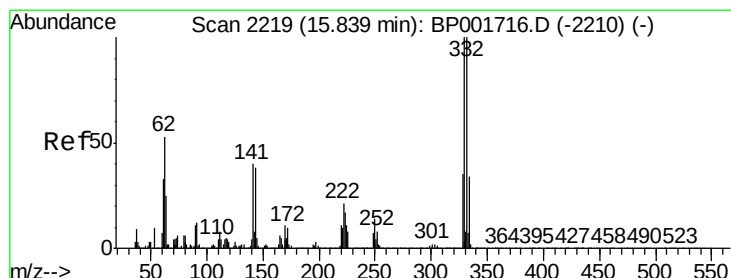
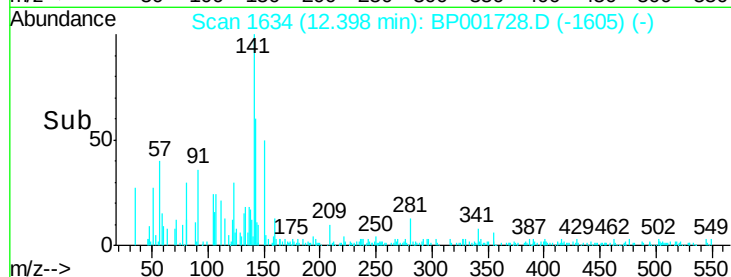
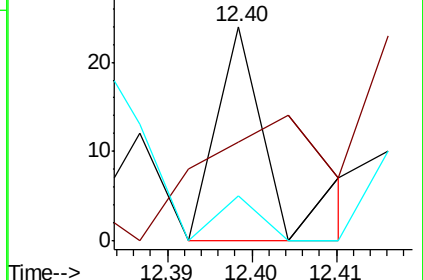
272 20.8 0.0 32.1



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: 149.884 ng

RT: 15.84 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

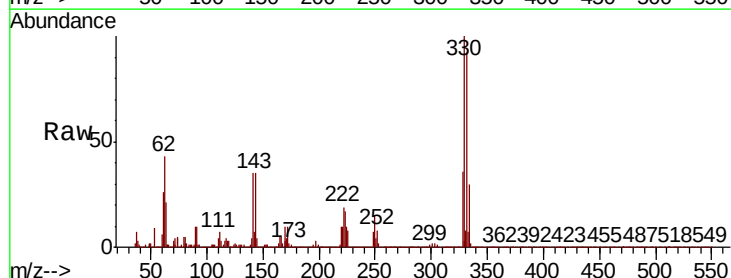
Tgt Ion:330 Resp: 1520816

Ion Ratio Lower Upper

330 100

332 95.2 77.7 116.5

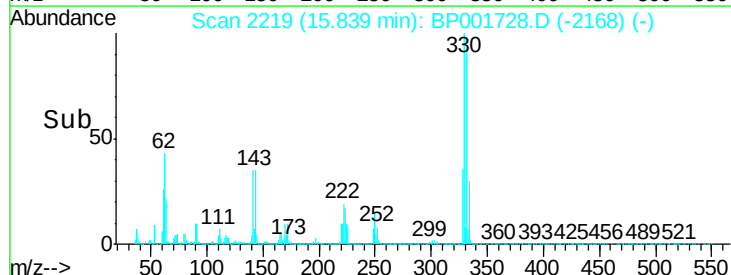
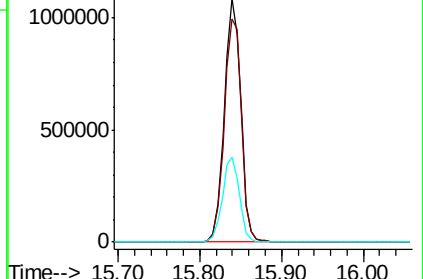
141 35.9 31.3 46.9

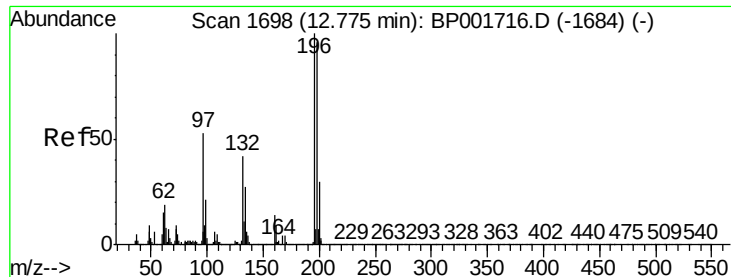


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

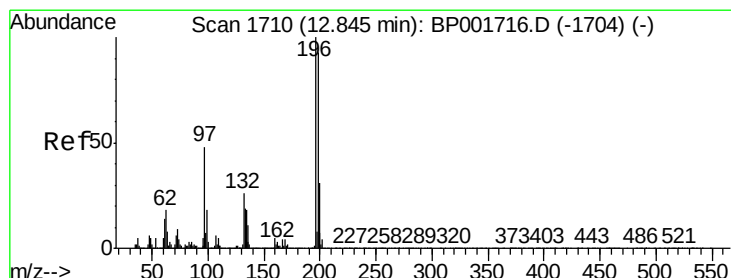
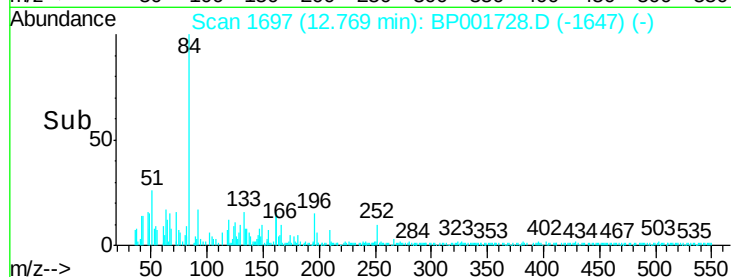
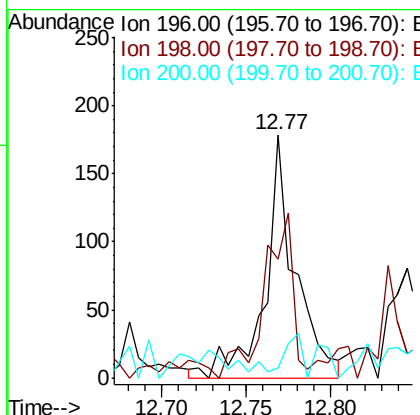
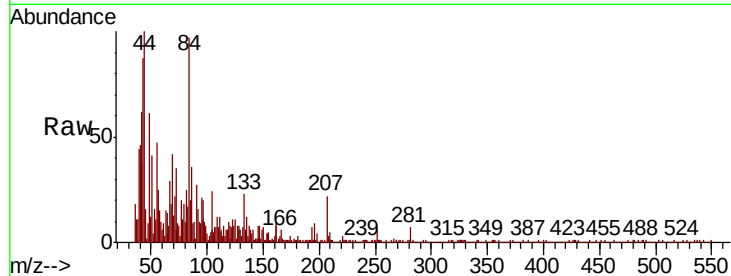




#43
 2,4,6-Trichlorophenol
 Concen: 0.012 ng
 RT: 12.77 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BP001728.D
 Acq: 07 Feb 2020 19:29

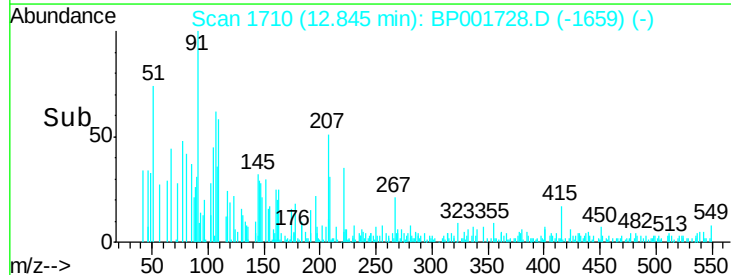
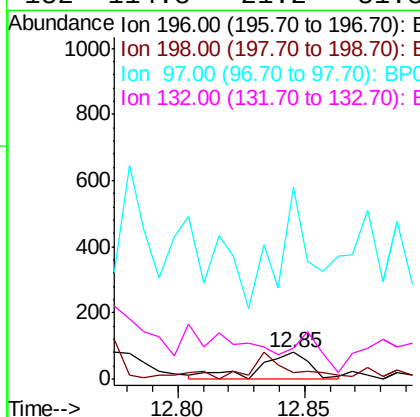
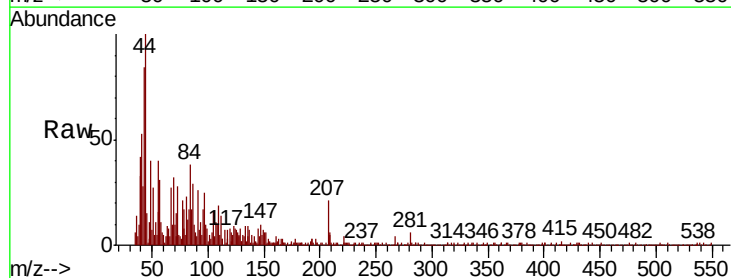
Instrument :
 BNA_P
 ClientSampleId :
 GROUNDWATER

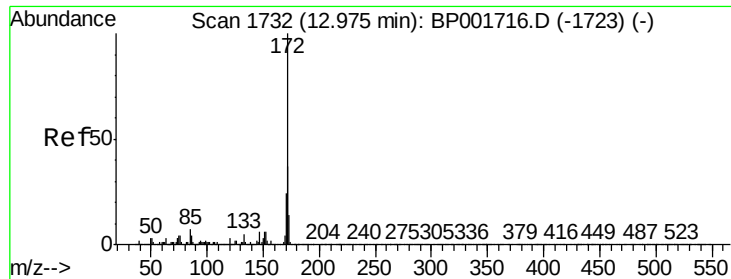
Tot Ion	Ratio	Lower	Upper
196	100		
198	48.6	76.5	114.7#
200	3.9	24.2	36.2#



#44
 2,4,5-Trichlorophenol
 Concen: 0.006 ng
 RT: 12.85 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BP001728.D
 Acq: 07 Feb 2020 19:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	22.2	74.6	111.8#
97	716.0	38.9	58.3#
132	114.8	21.2	31.8#

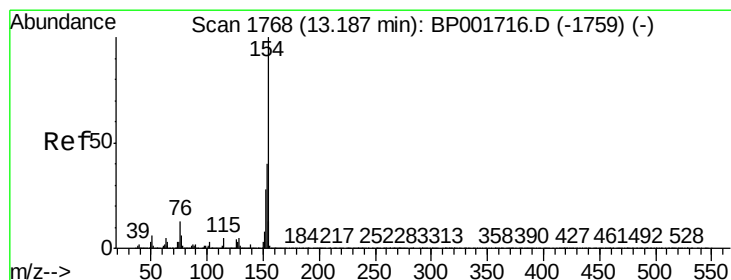
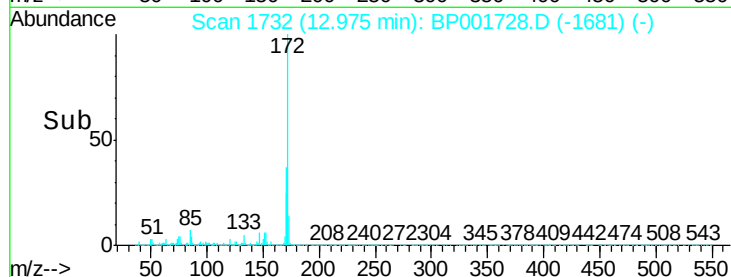
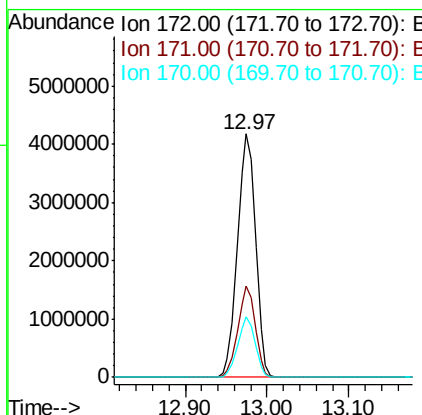
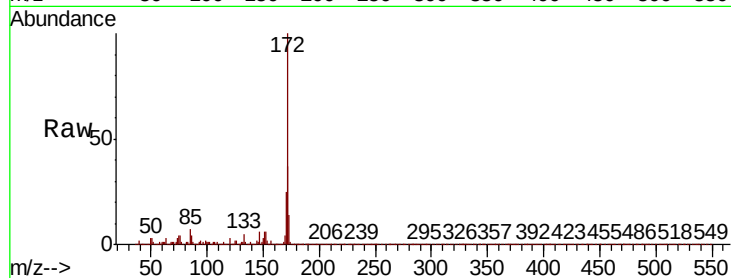




#45
2-Fluorobiphenyl
Concen: 94.654 ng
RT: 12.97 min Scan# 1732
Delta R.T. 0.00 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

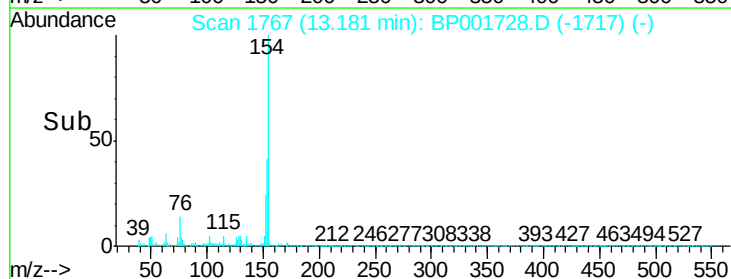
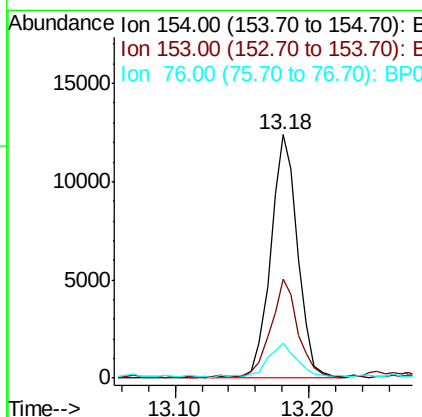
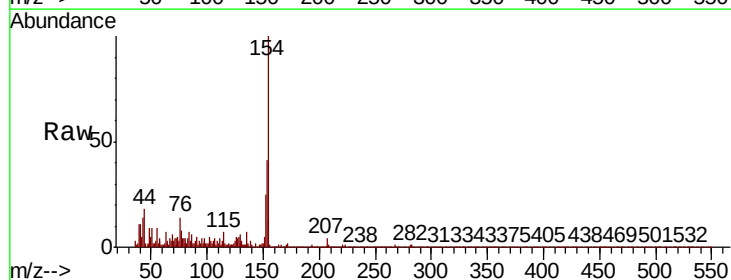
Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

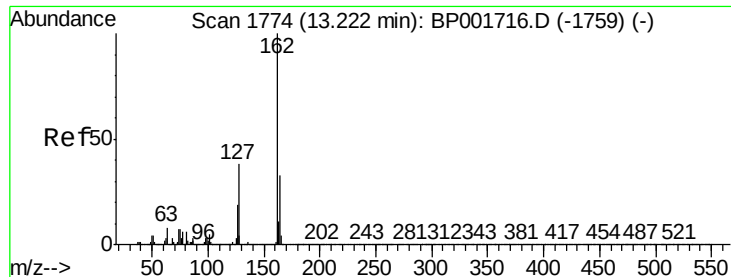
Tot Ion:172 Resp: 6454965
Ion Ratio Lower Upper
172 100
171 37.5 29.2 43.8
170 25.1 19.1 28.7



#46
1,1'-Biphenyl
Concen: 0.226 ng
RT: 13.18 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt Ion:154 Resp: 17473
Ion Ratio Lower Upper
154 100
153 40.7 20.0 60.0
76 14.1 0.0 32.8





#47

2-Chloronaphthalene

Concen: 0.005 ng

RT: 13.22 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

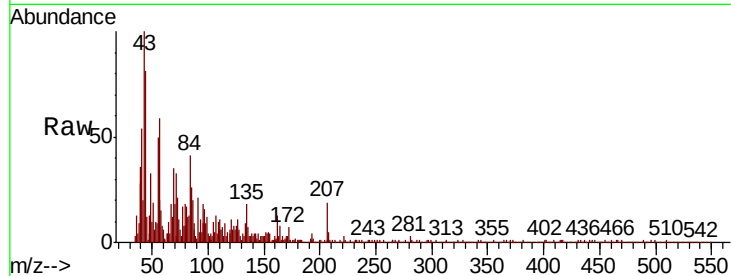
Tot Ion: 162 Resp: 318

Ion Ratio Lower Upper

162 100

127 86.3 30.6 45.8#

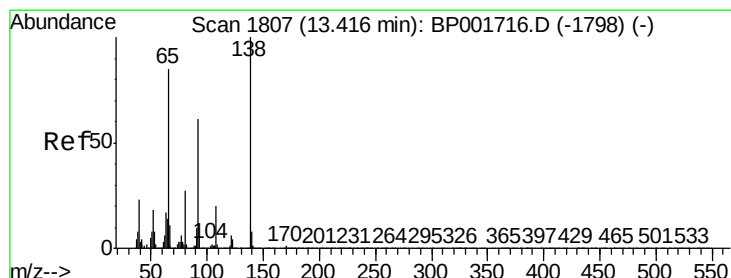
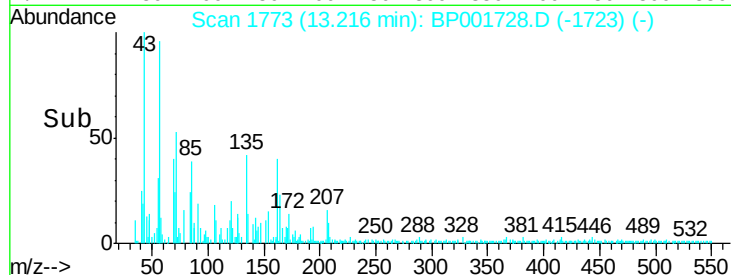
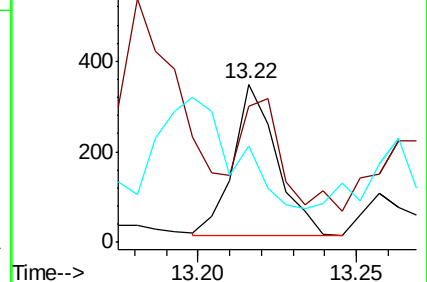
164 60.9 26.7 40.1#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 5.690 ng

RT: 13.39 min Scan# 1802

Delta R.T. -0.03 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

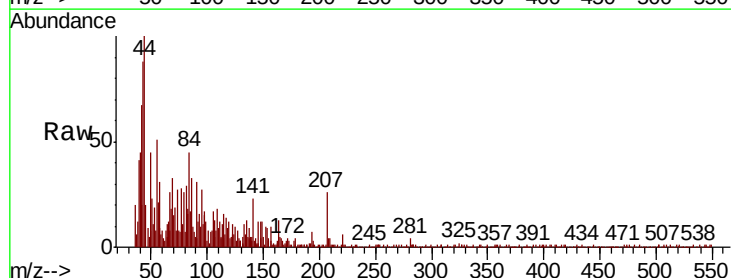
Tgt Ion: 65 Resp: 167

Ion Ratio Lower Upper

65 100

92 54.2 57.7 86.5#

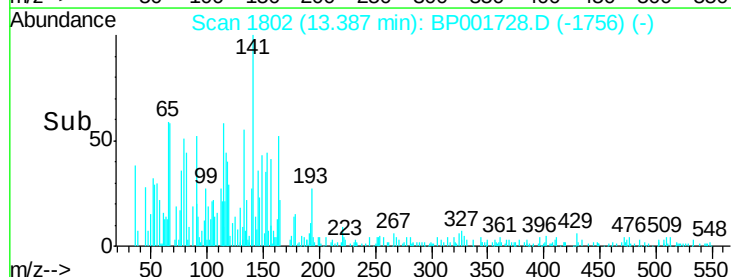
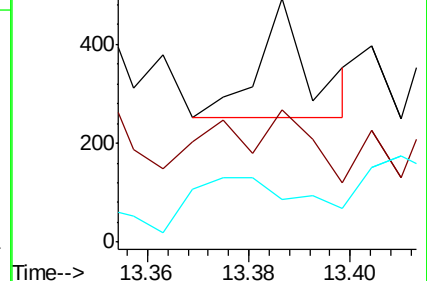
138 17.4 94.0 141.0#

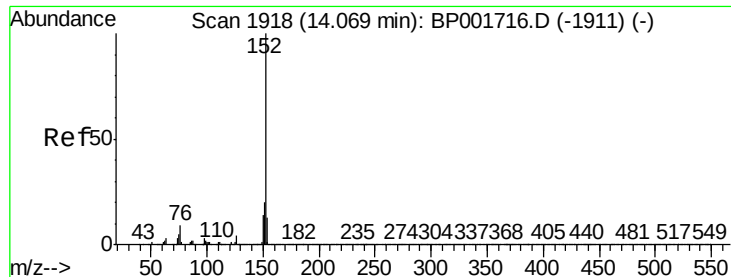


Abundance Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.010 ng

RT: 14.06 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

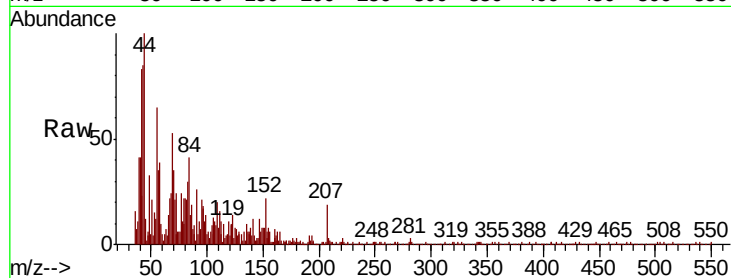
Tot Ion:152 Resp: 890

Ion Ratio Lower Upper

152 100

151 34.6 15.8 23.6#

153 26.3 10.3 15.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.06

600

400

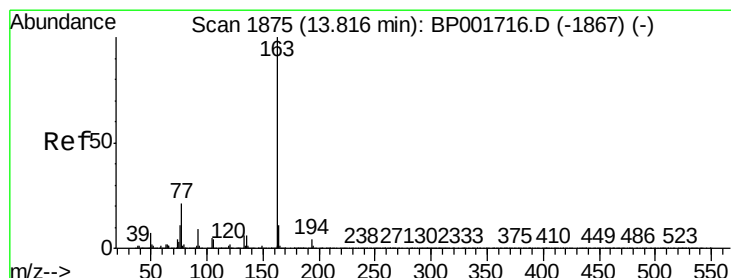
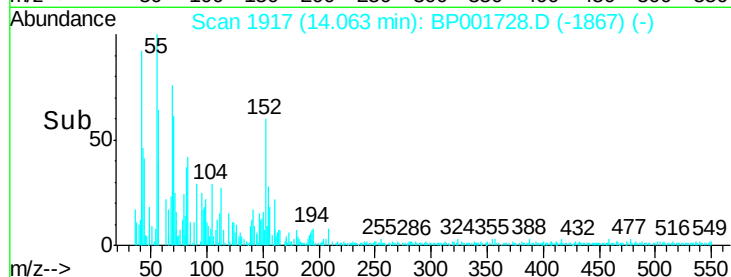
200

0

14.05

14.10

Time-->



#50

Dimethylphthalate

Concen: 1.933 ng

RT: 13.81 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

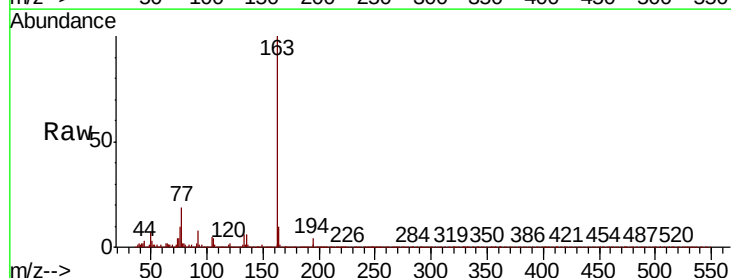
Tgt Ion:163 Resp: 141377

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 9.7 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

13.81

100000

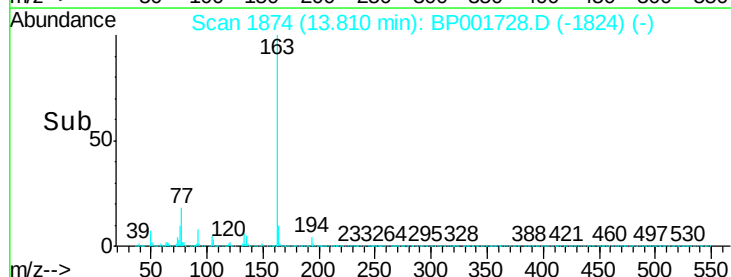
50000

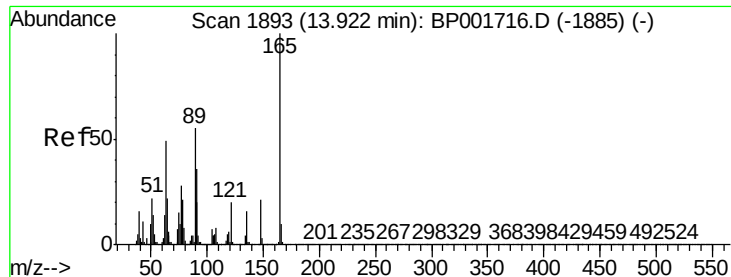
0

13.80

13.90

Time-->

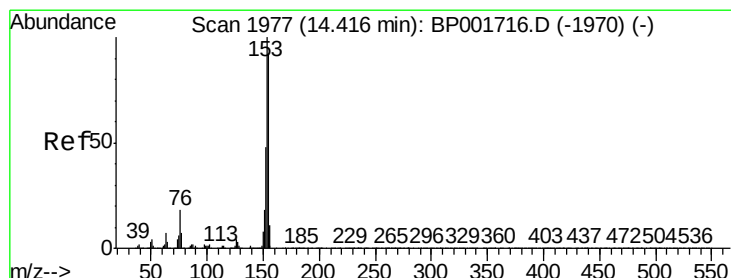
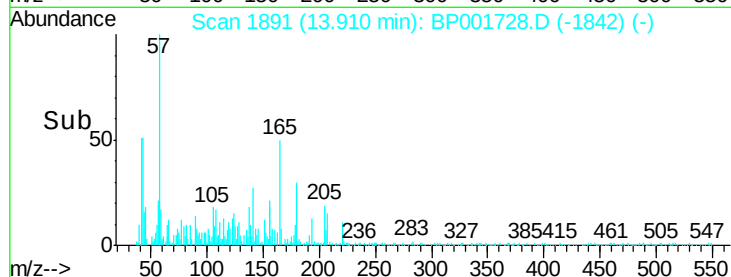
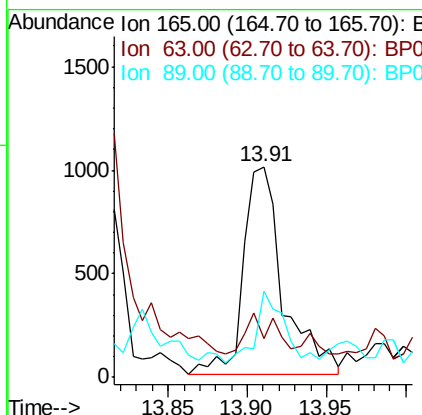
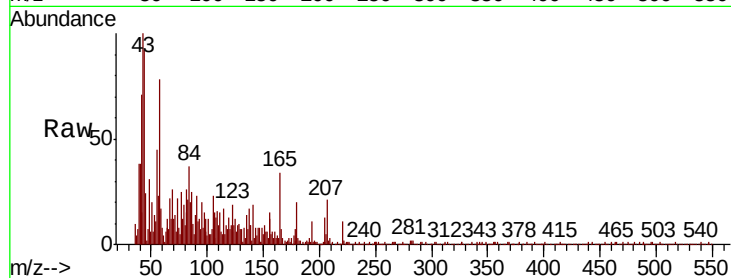




#51
2,6-Dinitrotoluene
Concen: 0.125 ng
RT: 13.91 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

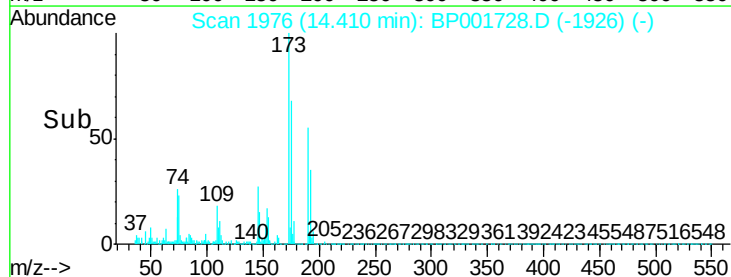
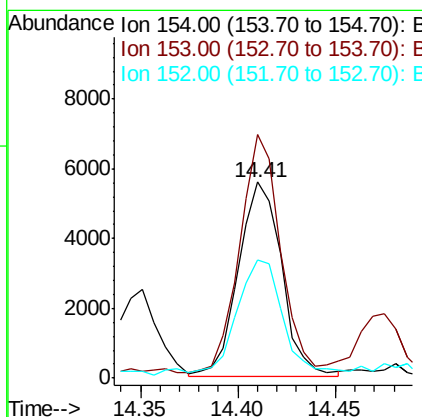
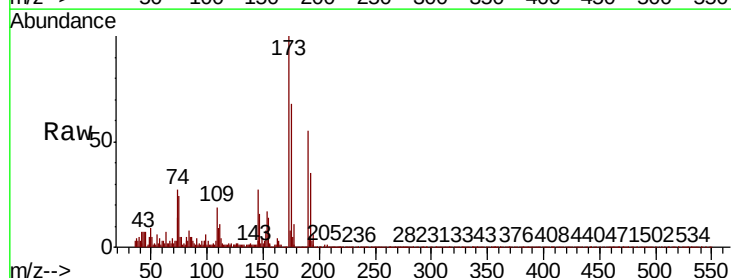
Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

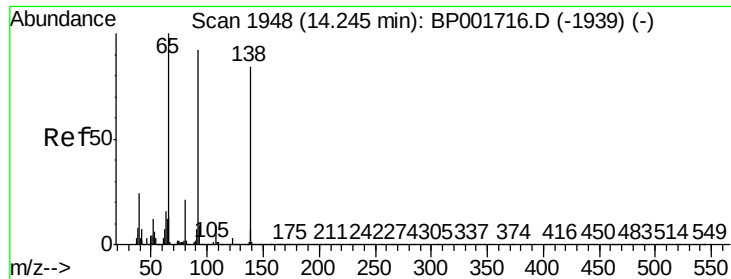
Tot Ion	Ratio	Lower	Upper
165	100		
63	18.5	39.5	59.3#
89	41.0	44.2	66.4#



#52
Acenaphthene
Concen: 0.146 ng
RT: 14.41 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	124.3	87.3	130.9
152	60.4	41.9	62.9

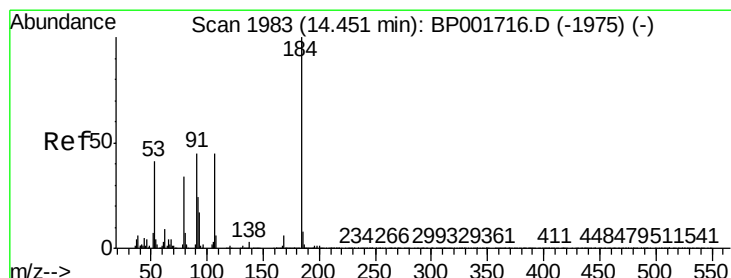
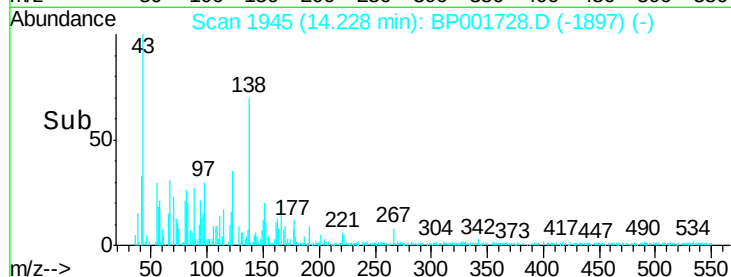
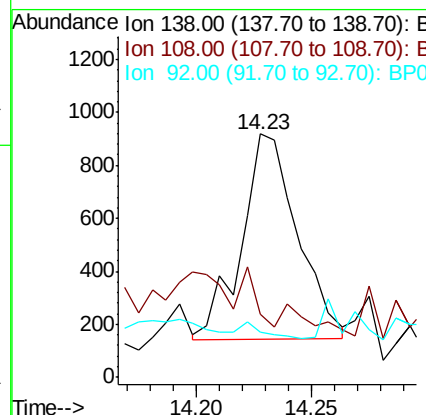
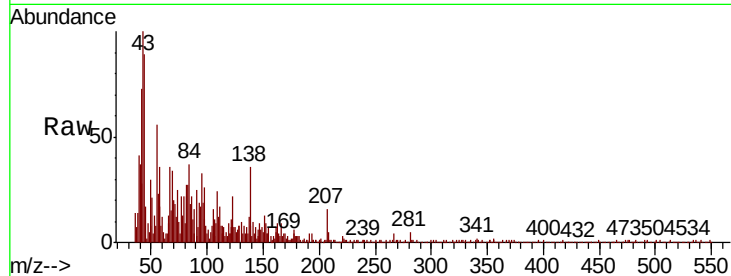




#53
3-Nitroaniline
Concen: 0.080 ng
RT: 14.23 min Scan# 1945
Delta R.T. -0.02 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

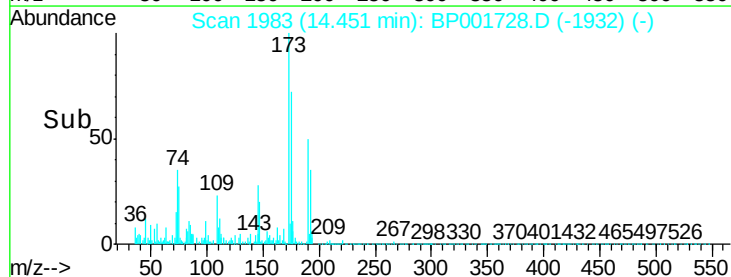
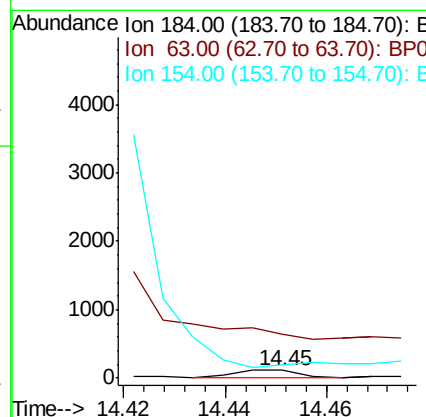
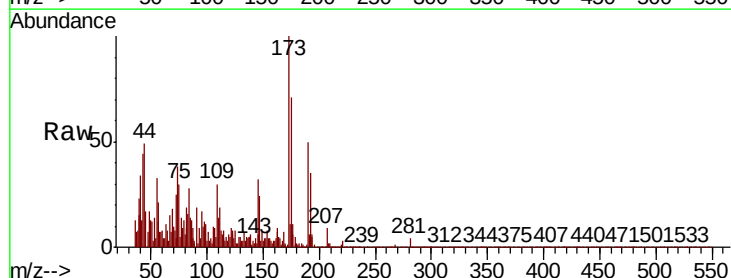
Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

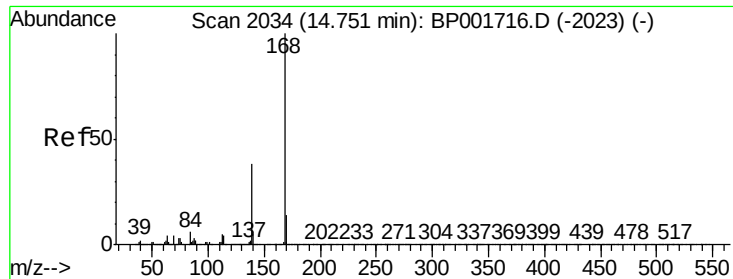
Tot Ion:138 Resp: 1313
Ion Ratio Lower Upper
138 100
108 25.7 9.0 13.4#
92 18.4 88.0 132.0#



#54
2,4-Dinitrophenol
Concen: 6.686 ng
RT: 14.45 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt Ion:184 Resp: 106
Ion Ratio Lower Upper
184 100
63 553.9 49.8 74.6#
154 161.7 50.6 75.8#

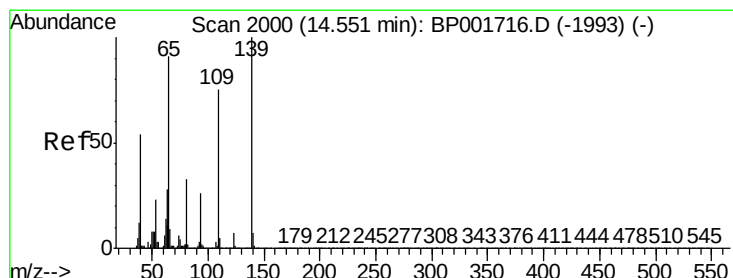
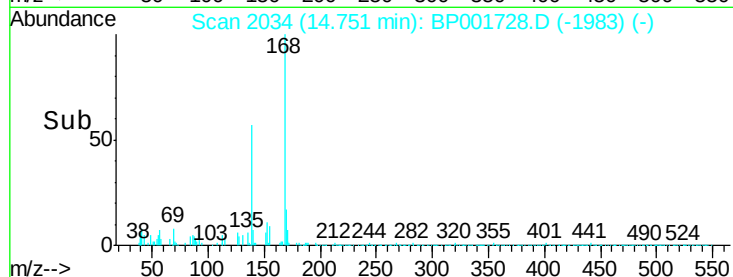
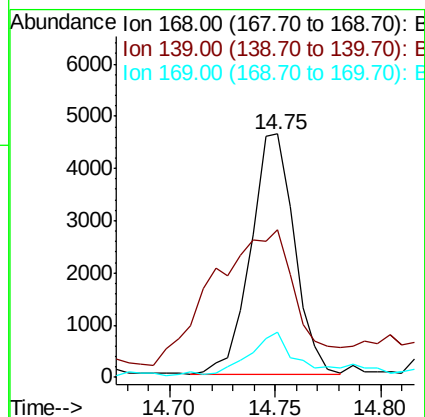
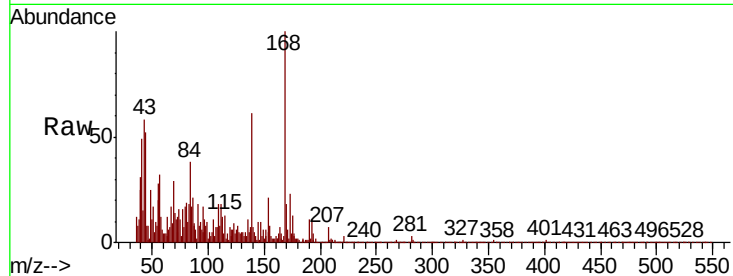




#55
Dibenzofuran
Concen: 0.076 ng
RT: 14.75 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

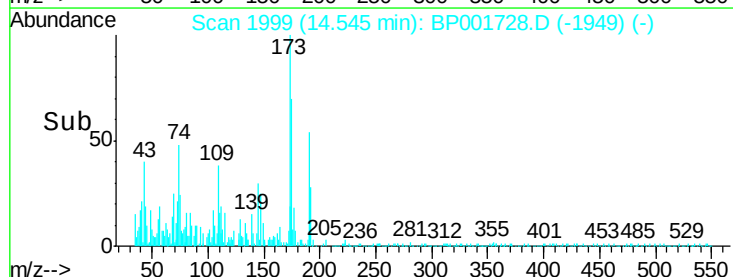
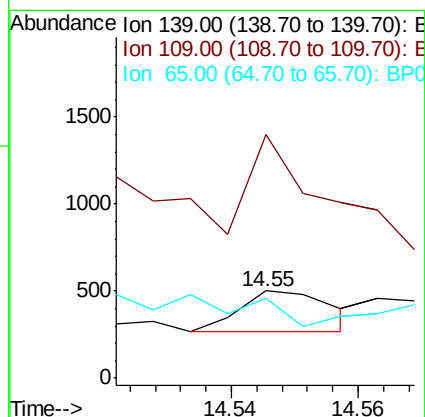
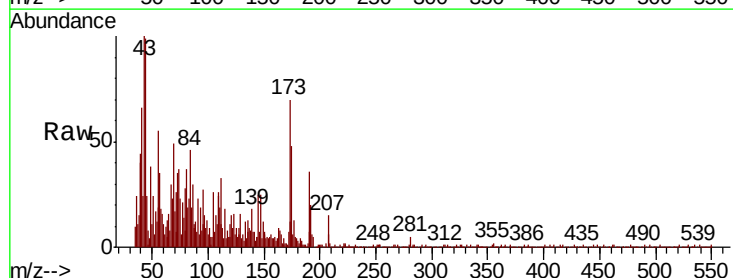
Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

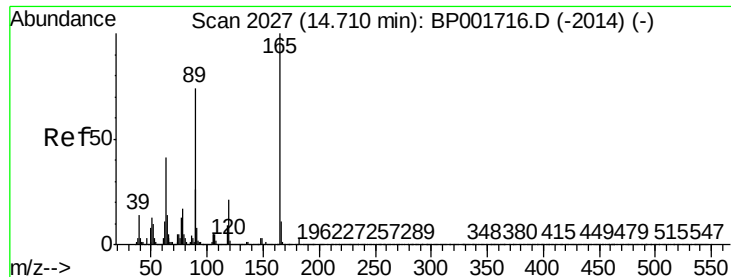
Tot Ion:168 Resp: 6578
Ion Ratio Lower Upper
168 100
139 60.6 30.5 45.7#
169 18.5 11.0 16.6#



#56
4-Nitrophenol
Concen: 5.575 ng
RT: 14.55 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt Ion:139 Resp: 234
Ion Ratio Lower Upper
139 100
109 280.4 54.8 94.8#
65 91.2 70.7 110.7

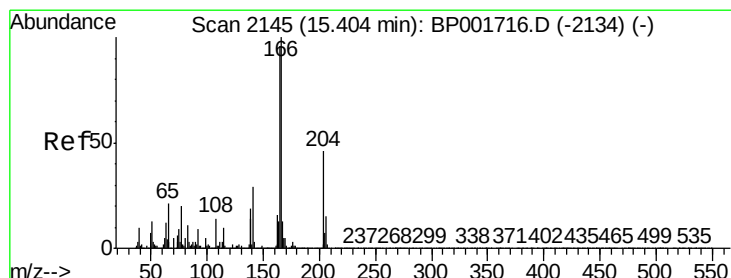
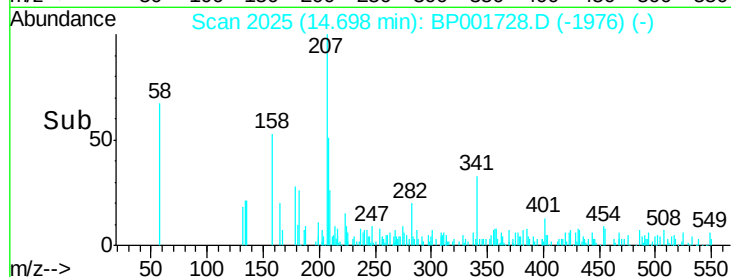
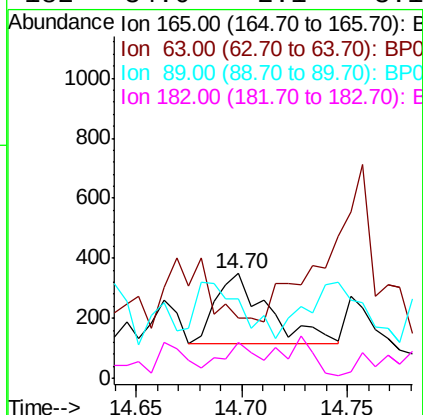
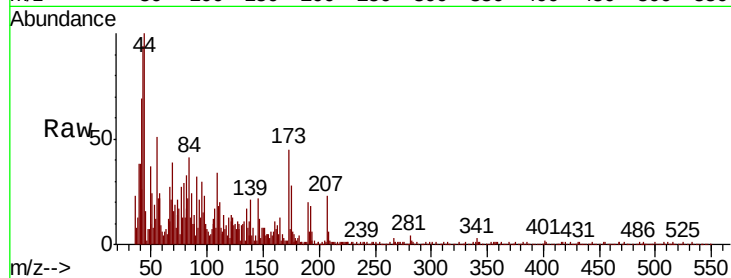




#57
2,4-Dinitrotoluene
Concen: 5.372 ng
RT: 14.70 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

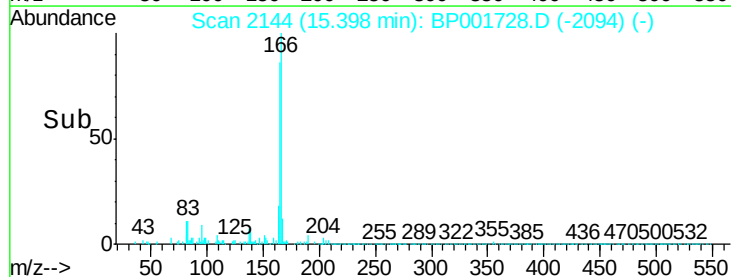
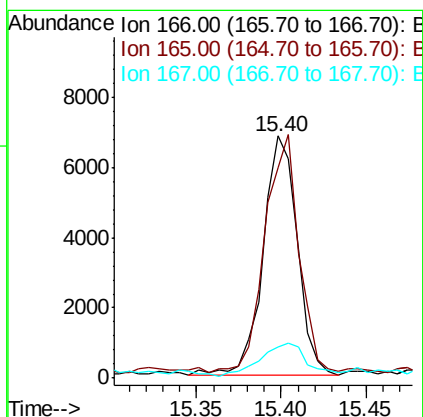
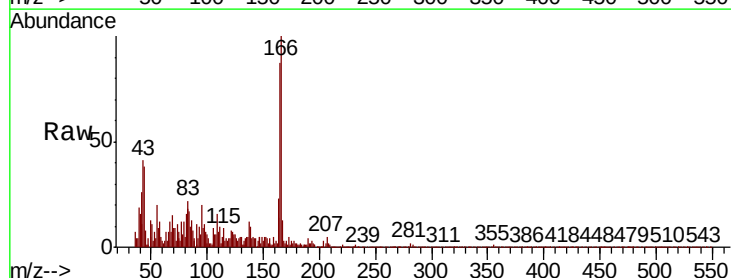
Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

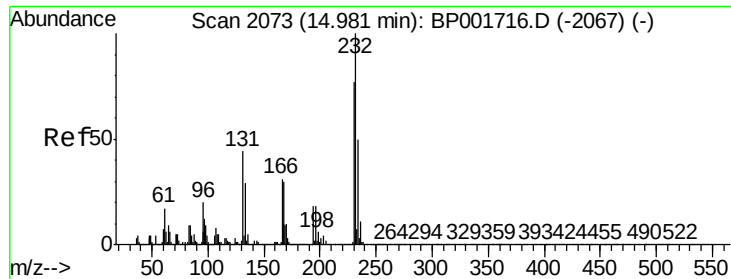
Tot Ion	Ratio	Lower	Upper
165	100		
63	57.1	33.3	49.9#
89	76.0	59.0	88.6
182	34.0	2.1	3.1#



#58
Fluorene
Concen: 0.138 ng
RT: 15.40 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	86.9	76.6	114.8
167	13.1	10.6	16.0

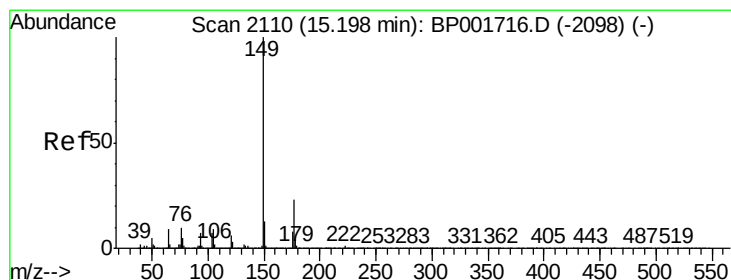
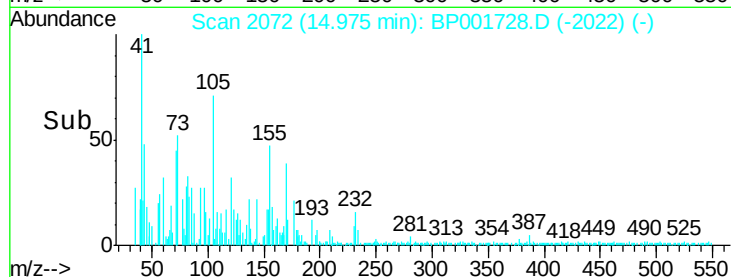
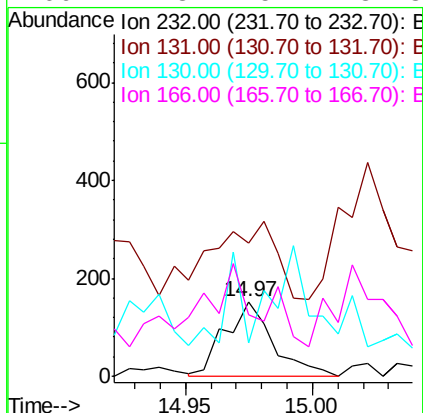
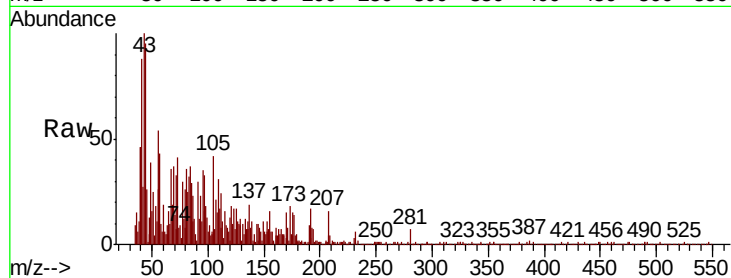




#59
2,3,4,6-Tetrachlorophenol
Concen: 0.012 ng
RT: 14.97 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

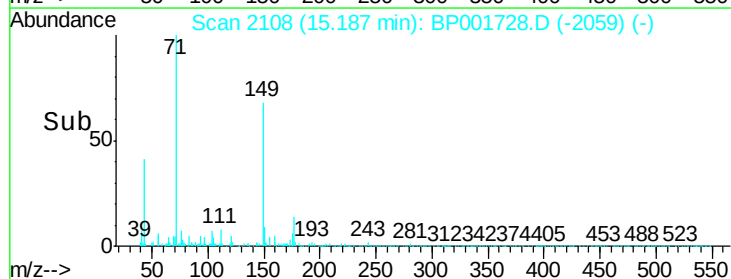
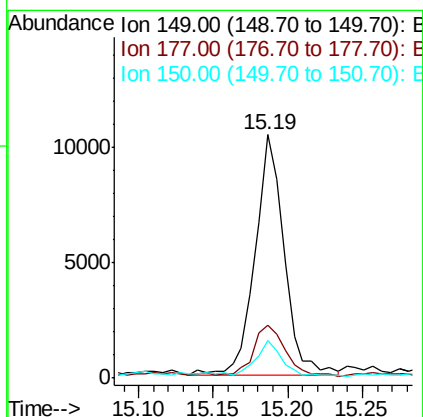
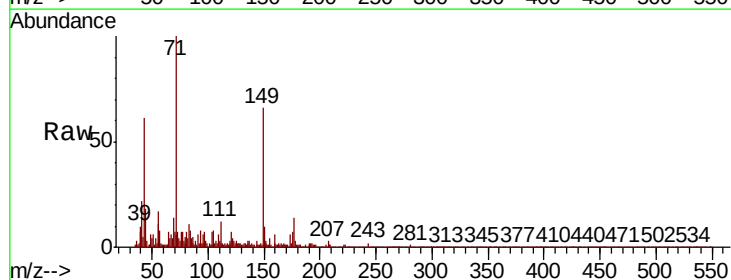
Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

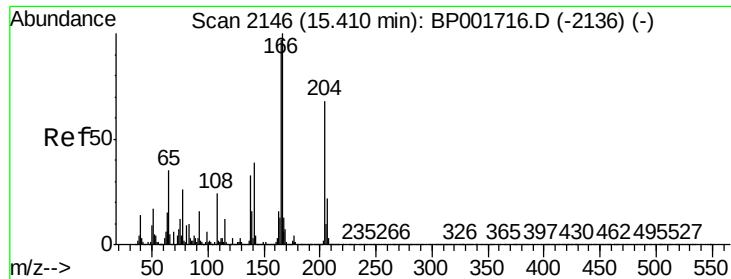
Tot Ion:232	Resp:	201	
Ion Ratio	Lower	Upper	
232 100			
131 146.3	36.5	54.7#	
130 40.8	1.9	2.9#	
166 141.3	25.2	37.8#	



#60
Diethylphthalate
Concen: 0.191 ng
RT: 15.19 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt Ion:149	Resp: 13941
Ion Ratio	Lower Upper
149 100	
177 21.7	18.5 27.7
150 15.6	10.1 15.1#

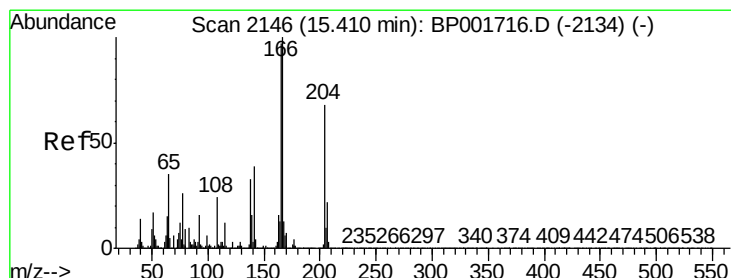
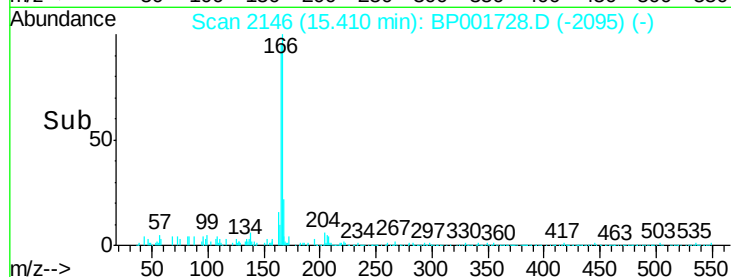
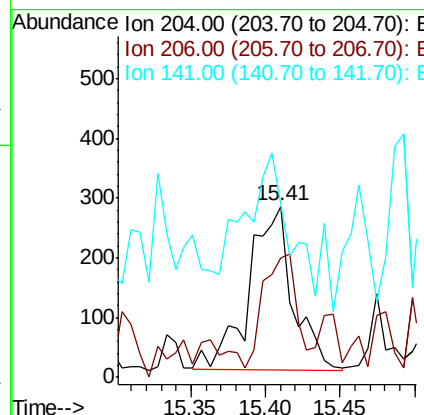
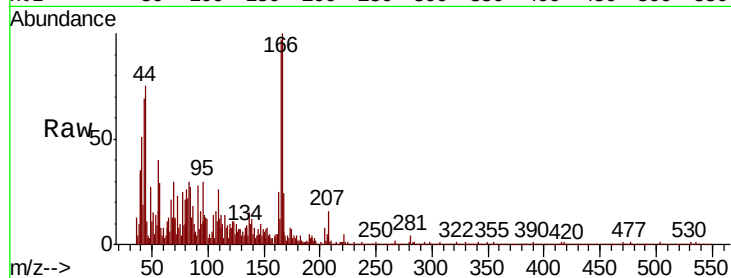




#61
4-Chlorophenyl-phenylether
Concen: 0.016 ng
RT: 15.41 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

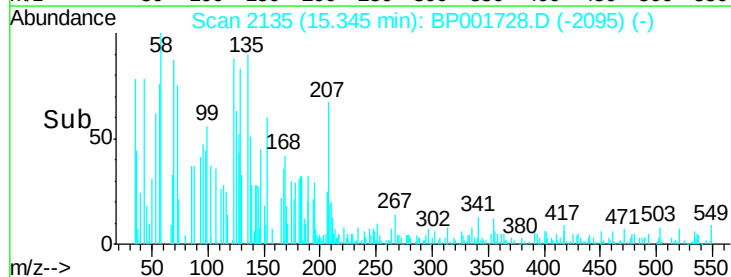
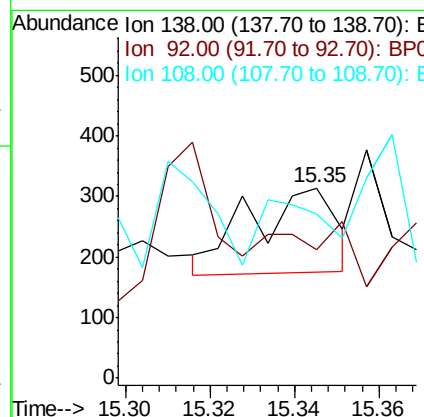
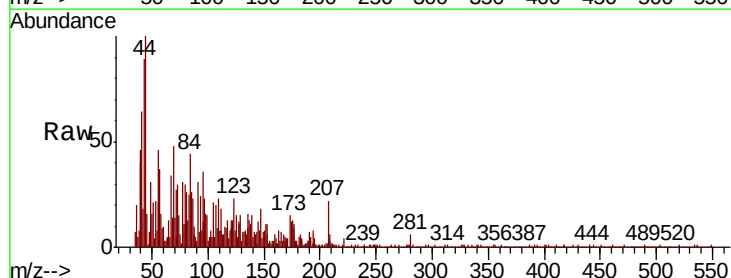
Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

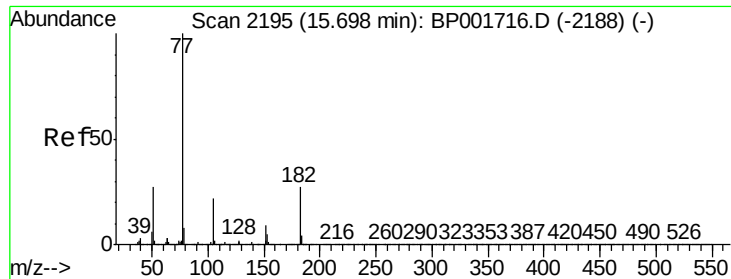
Tot Ion:204 Resp: 562
Ion Ratio Lower Upper
204 100
206 69.9 26.1 39.1#
141 101.4 46.2 69.4#



#62
4-Nitroaniline
Concen: 0.011 ng
RT: 15.35 min Scan# 2135
Delta R.T. -0.06 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt Ion:138 Resp: 198
Ion Ratio Lower Upper
138 100
92 67.5 29.5 69.5
108 86.3 53.1 93.1





#63

Azobenzene

Concen: 0.062 ng

RT: 15.72 min Scan# 2199

Delta R.T. 0.02 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

Tot Ion: 77 Resp: 4155

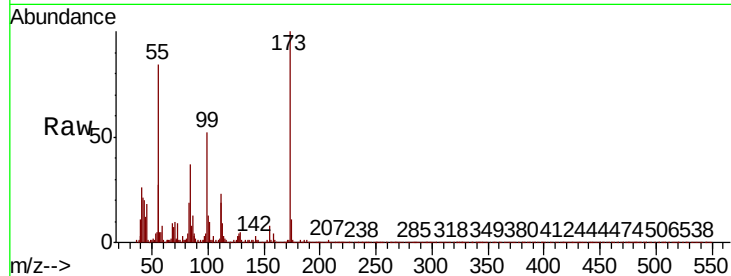
Ion Ratio Lower Upper

77 100

182 49.4 6.9 46.9#

105 111.9 1.6 41.6#

51 66.0 7.3 47.3#

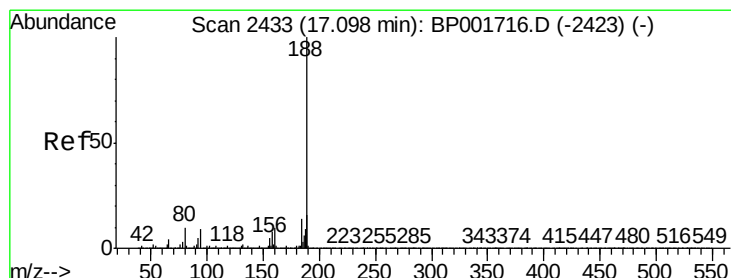
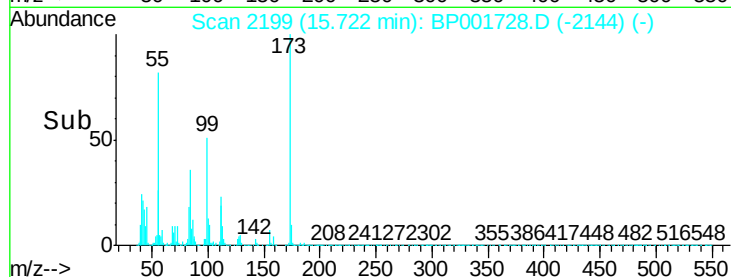
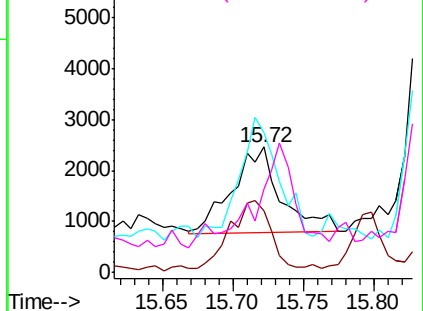


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

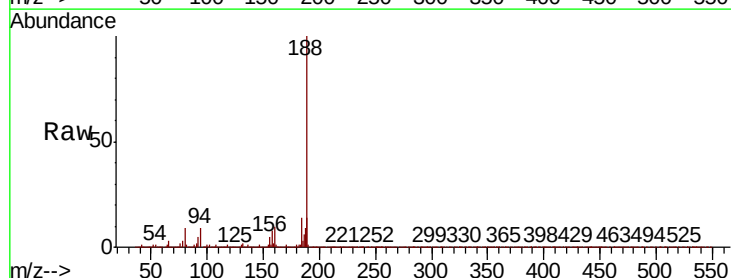
Tgt Ion: 188 Resp: 1884720

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

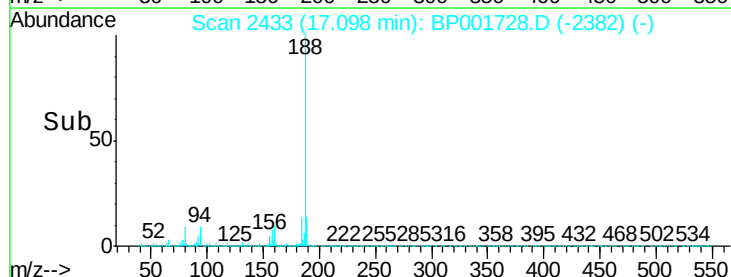
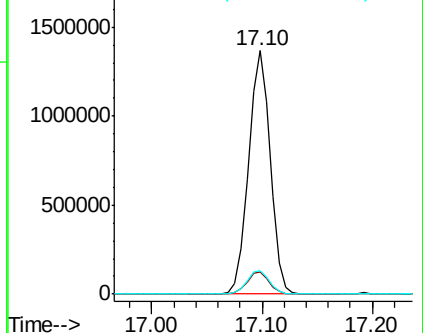
80 9.4 8.3 12.5

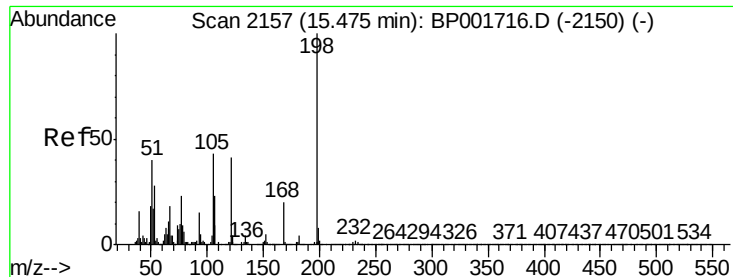


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





#65

4,6-Dinitro-2-methylphenol

Concen: 11.484 ng

RT: 15.46 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

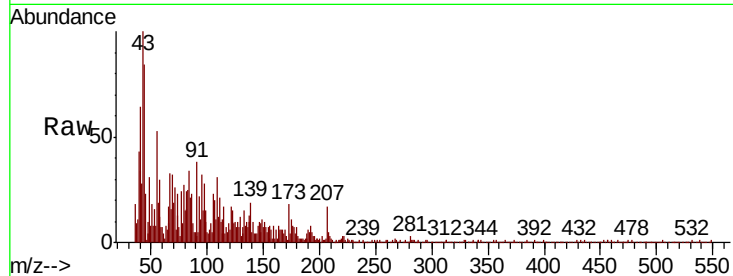
Tot Ion:198 Resp: 54

Ion Ratio Lower Upper

198 100

51 908.2 22.2 62.2#

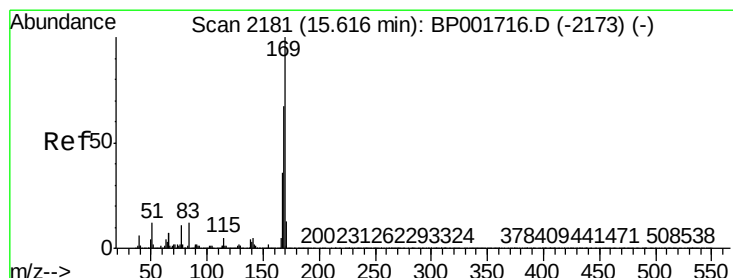
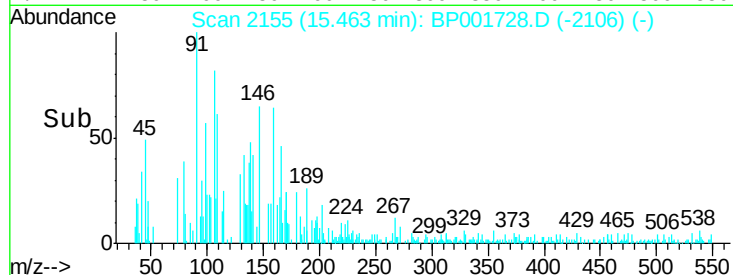
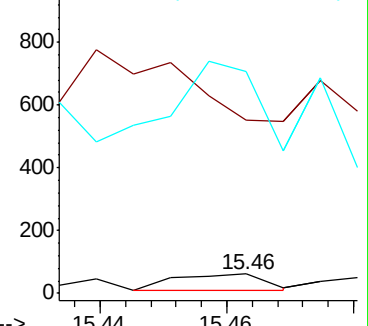
105 1155.7 23.6 63.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.918 ng

RT: 15.84 min Scan# 2219

Delta R.T. 0.22 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

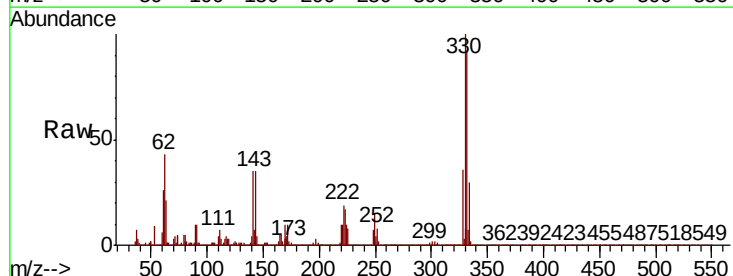
Tgt Ion:169 Resp: 51552

Ion Ratio Lower Upper

169 100

168 6.8 53.8 80.8#

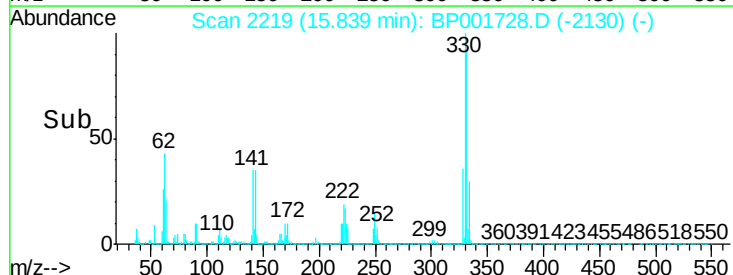
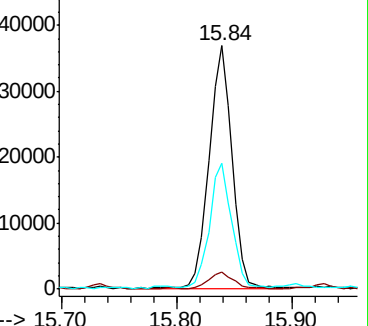
167 51.9 28.9 43.3#

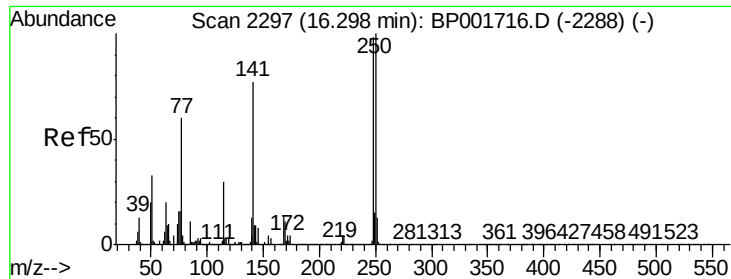


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

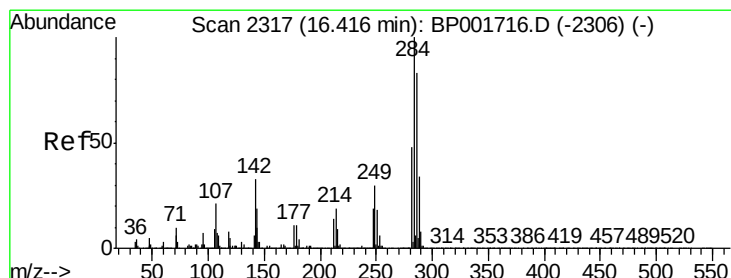
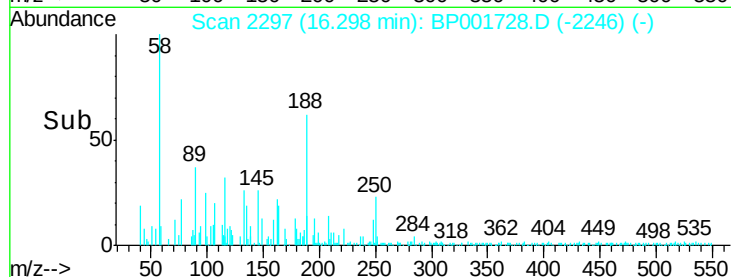
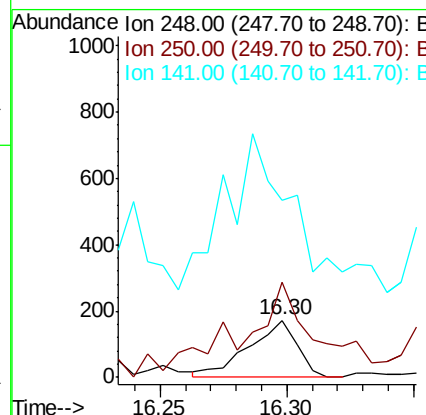
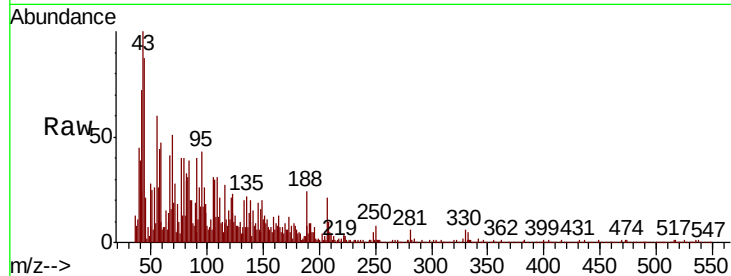




#67
4-Bromophenyl-phenylether
Concen: 0.011 ng
RT: 16.30 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

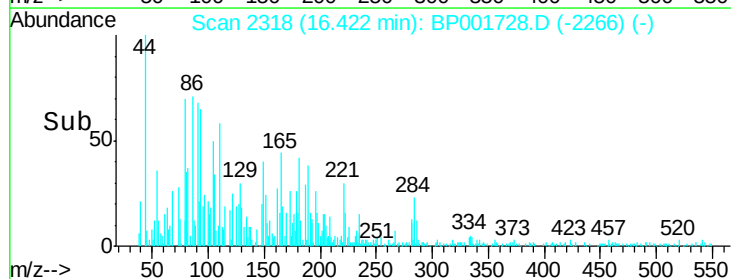
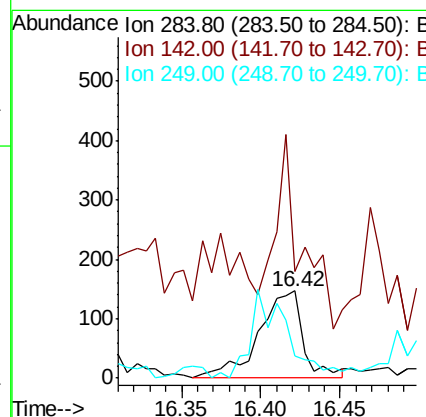
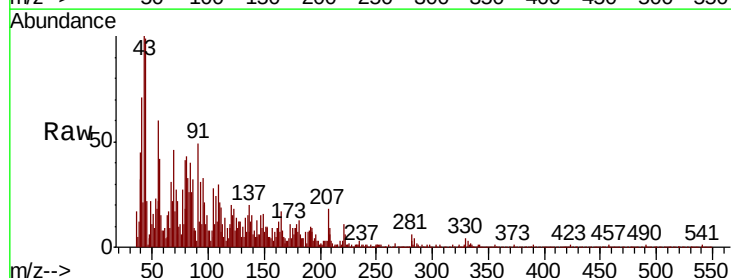
Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

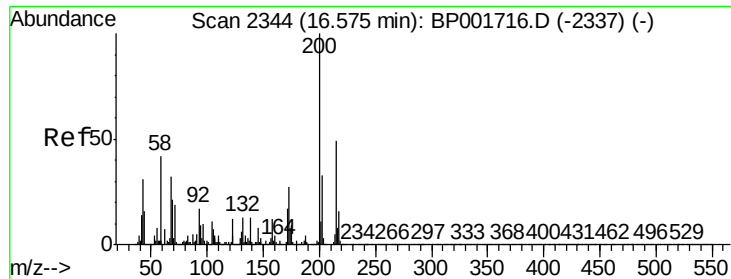
Tot Ion	Ratio	Lower	Upper
248	100		
250	165.3	81.5	122.3#
141	309.2	62.9	94.3#



#68
Hexachlorobenzene
Concen: 0.012 ng
RT: 16.42 min Scan# 2318
Delta R.T. 0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	121.8	26.7	40.1#
249	25.9	24.2	36.4

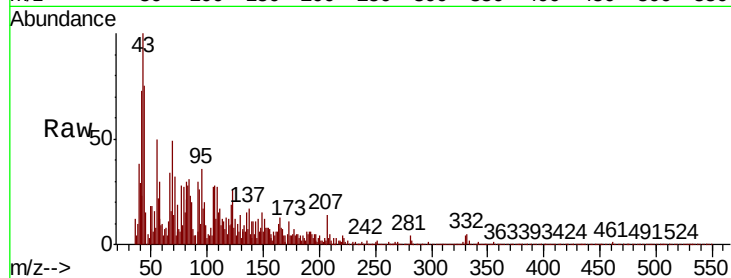




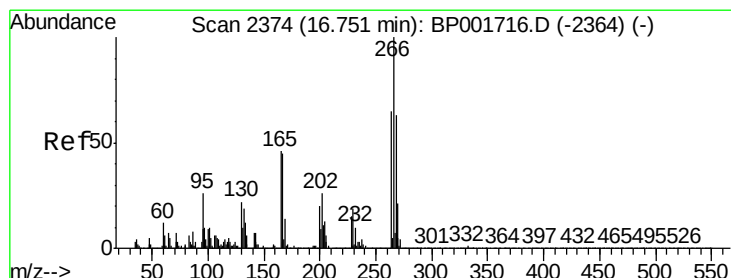
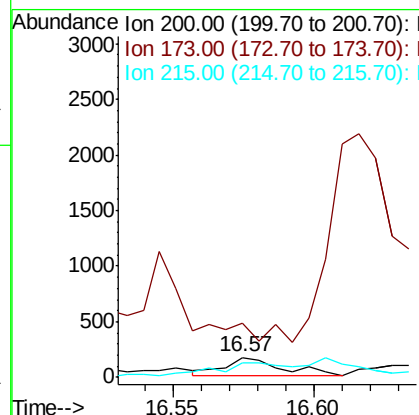
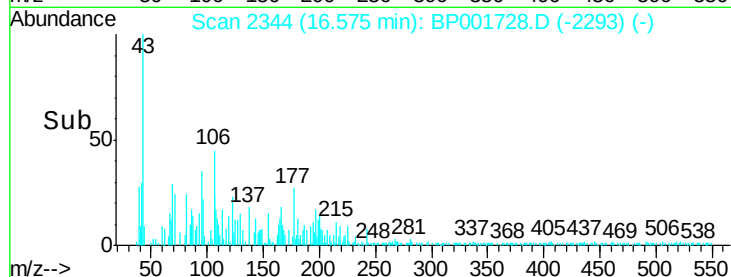
#69
Atrazine
Concen: 0.012 ng
RT: 16.57 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

Tot Ion:200 Resp: 210
Ion Ratio Lower Upper
200 100
173 278.0 7.5 47.5#
215 71.8 28.8 68.8#

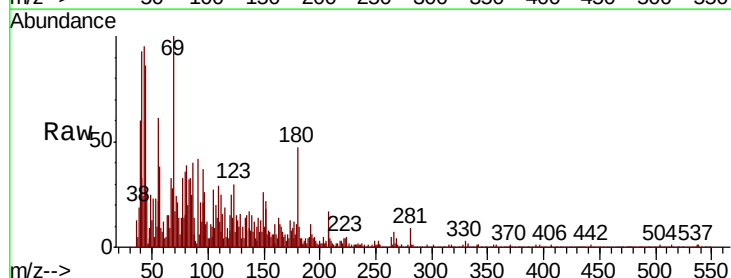


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

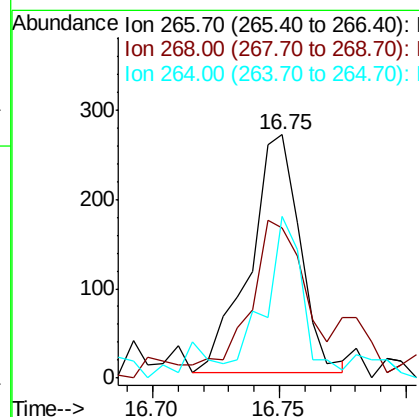
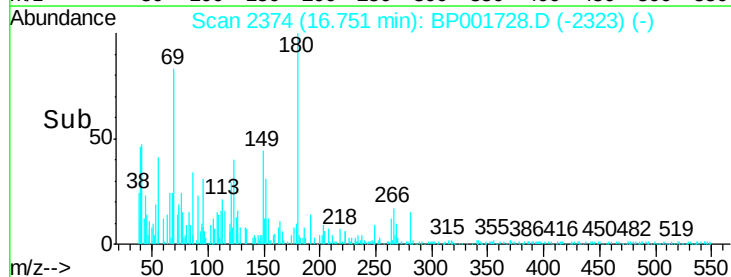


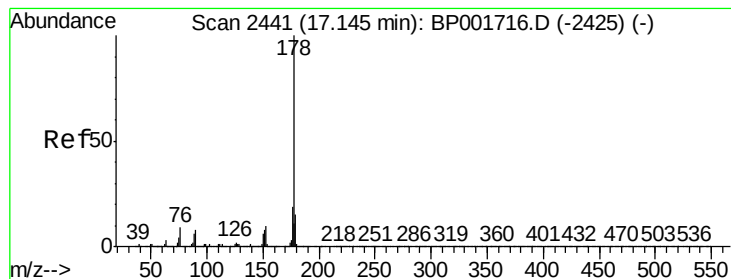
#70
Pentachlorophenol
Concen: 4.932 ng
RT: 16.75 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt Ion:266 Resp: 365
Ion Ratio Lower Upper
266 100
268 66.5 50.4 75.6
264 71.3 51.6 77.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 0.412 ng

RT: 17.14 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

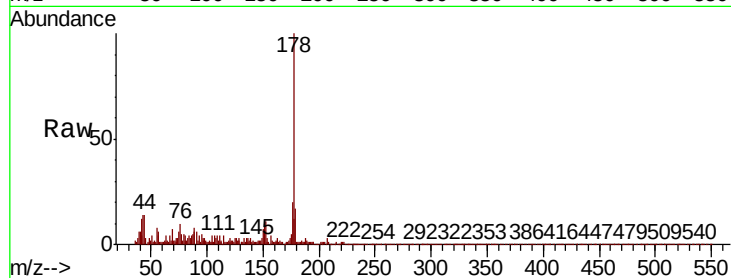
Tot Ion:178 Resp: 41811

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

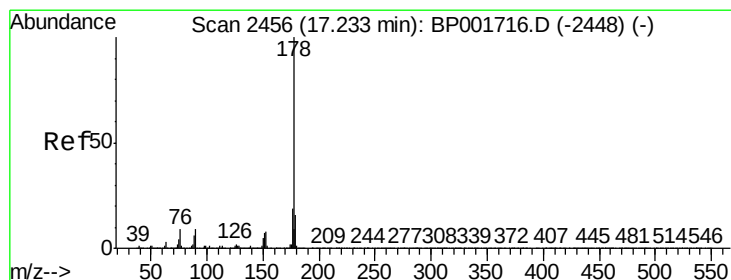
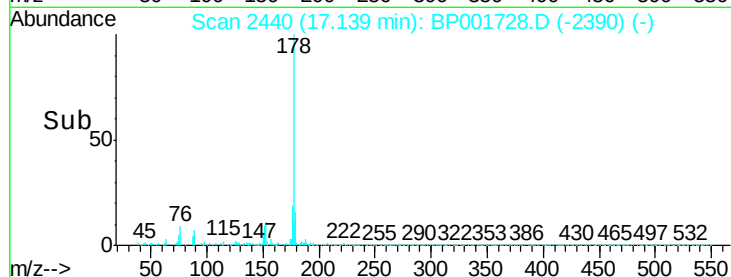
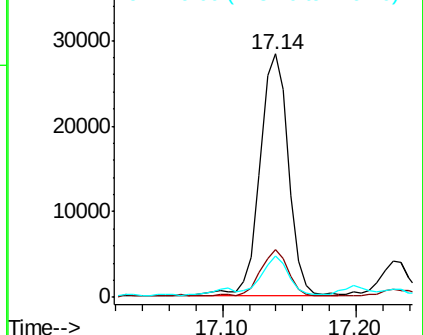
179 17.1 12.1 18.1



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: 0.426 ng

RT: 17.14 min Scan# 2440

Delta R.T. -0.09 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

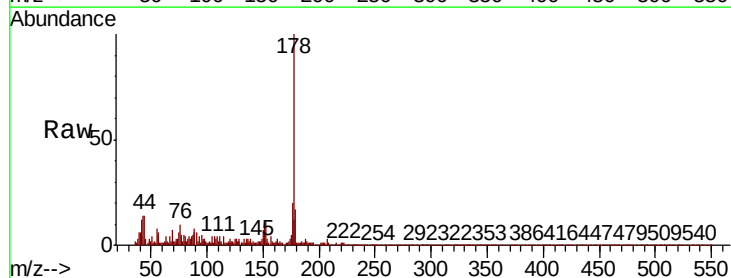
Tgt Ion:178 Resp: 41811

Ion Ratio Lower Upper

178 100

176 19.7 15.2 22.8

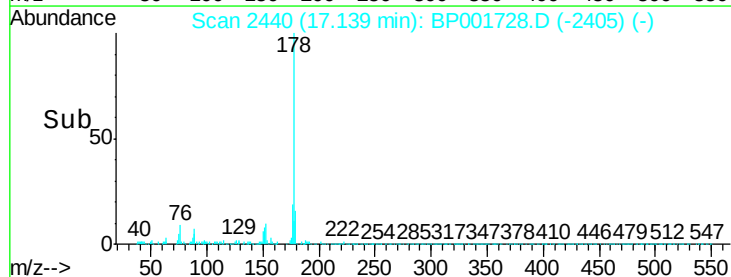
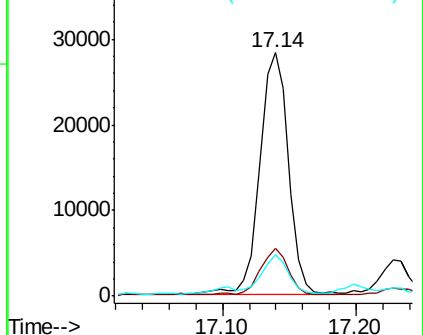
179 17.1 12.5 18.7

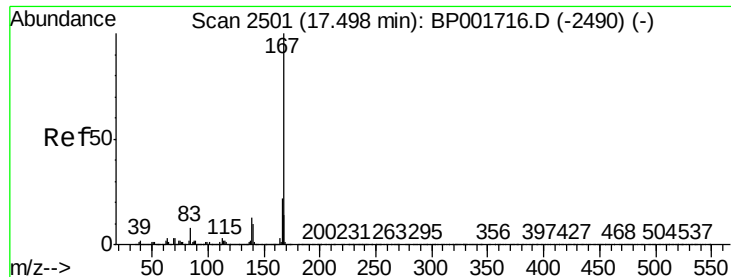


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 0.219 ng

RT: 17.50 min Scan# 2501

Delta R.T. 0.00 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

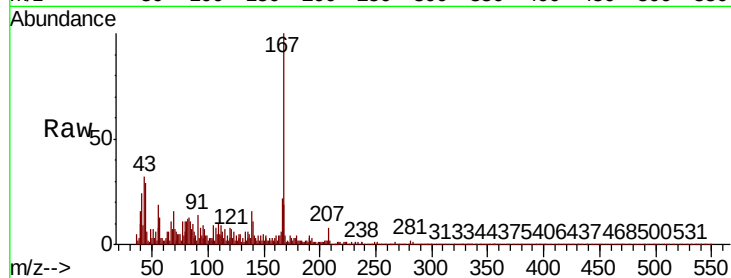
Tot Ion:167 Resp: 20482

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

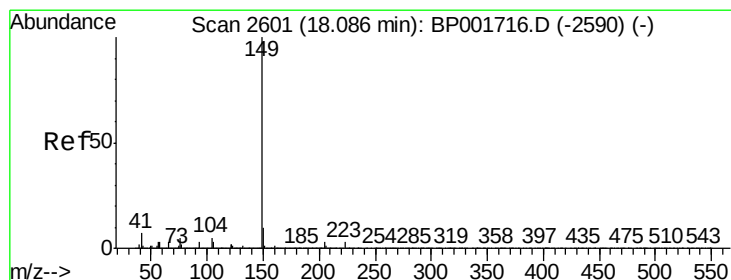
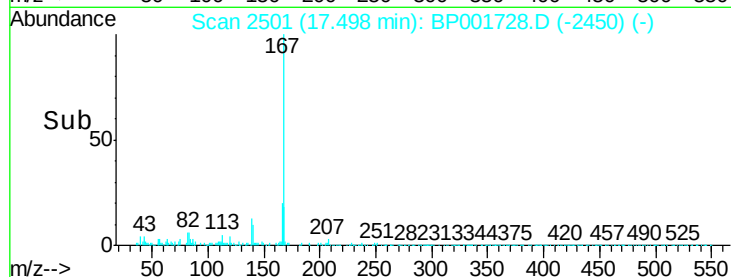
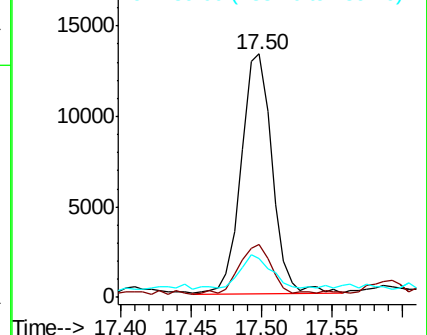
139 16.2 10.6 16.0#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 0.231 ng

RT: 18.08 min Scan# 2600

Delta R.T. -0.01 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

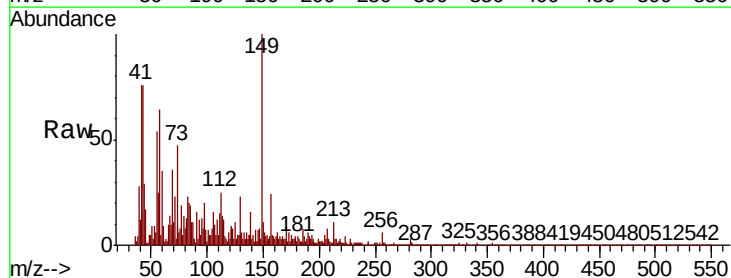
Tgt Ion:149 Resp: 25254

Ion Ratio Lower Upper

149 100

150 10.5 7.7 11.5

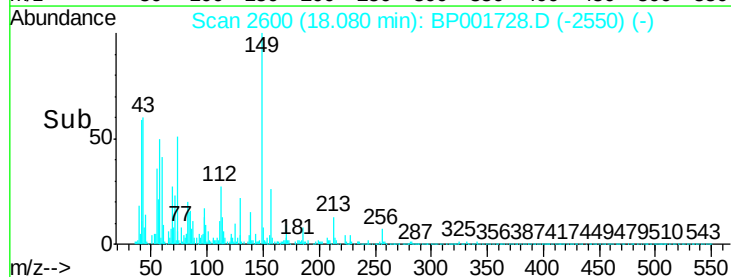
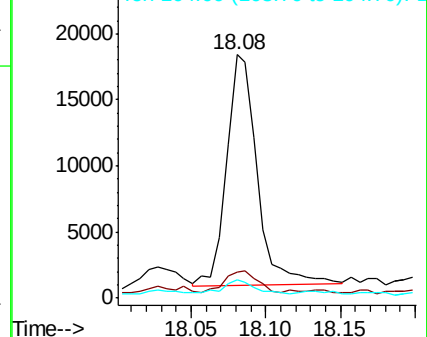
104 7.7 4.2 6.4#

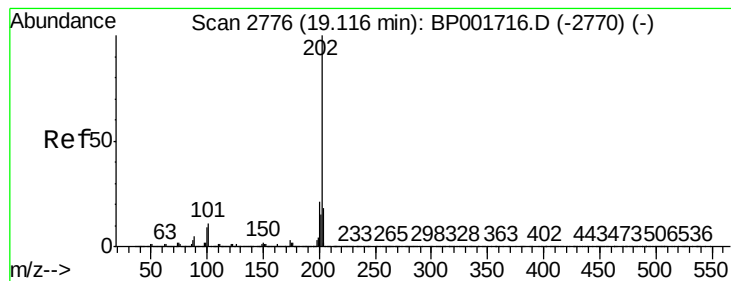


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.130 ng

RT: 19.12 min Scan# 2776

Delta R.T. 0.00 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

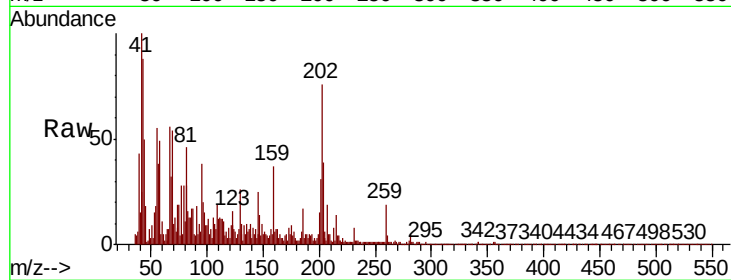
Tot Ion:202 Resp: 14831

Ion Ratio Lower Upper

202 100

101 15.7 0.0 31.2

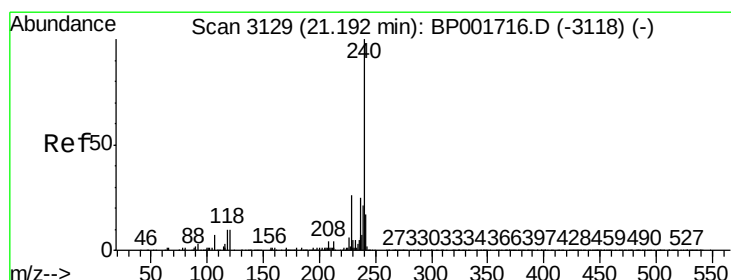
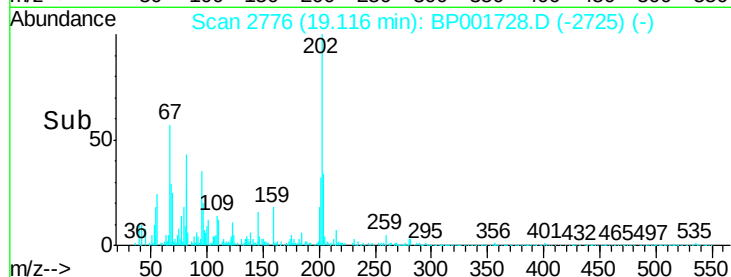
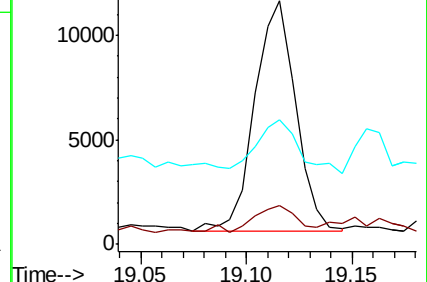
203 51.3 0.0 37.7#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

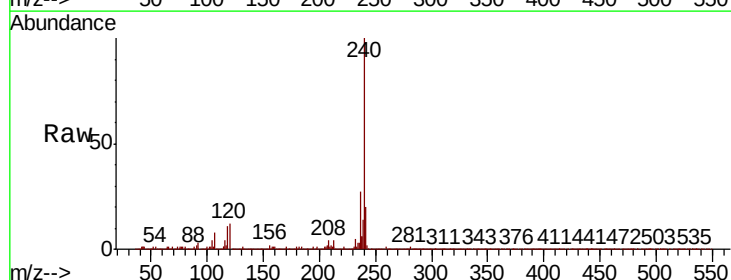
Tgt Ion:240 Resp: 1443800

Ion Ratio Lower Upper

240 100

120 12.0 8.3 12.5

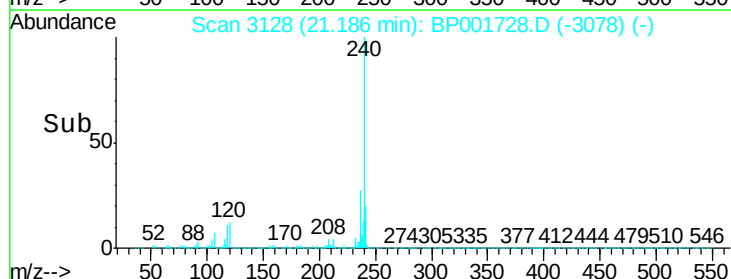
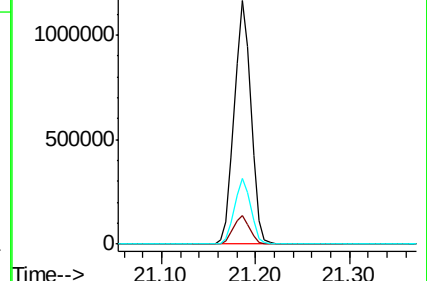
236 26.8 19.8 29.8

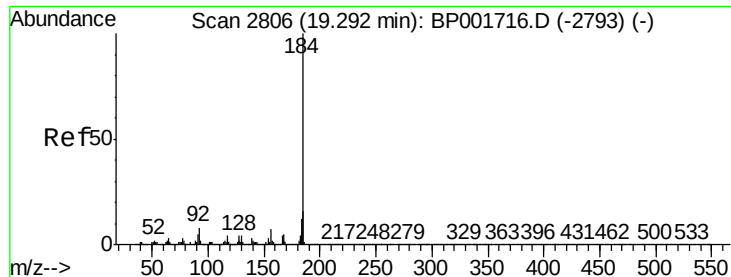


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.006 ng

RT: 19.26 min Scan# 2800

Delta R.T. -0.04 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

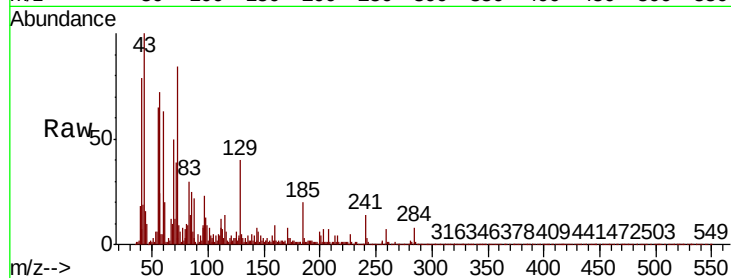
Tot Ion:184 Resp: 205

Ion Ratio Lower Upper

184 100

185 1667.2 12.5 18.7#

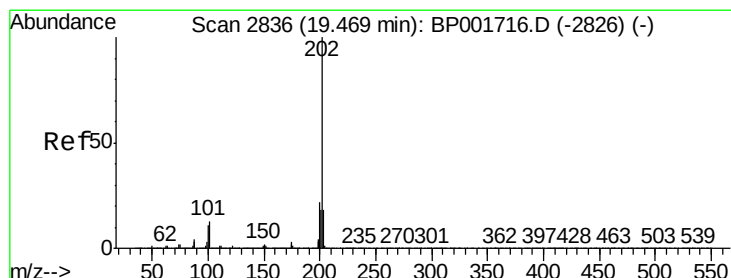
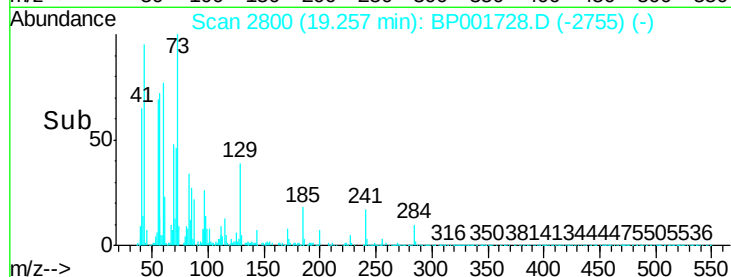
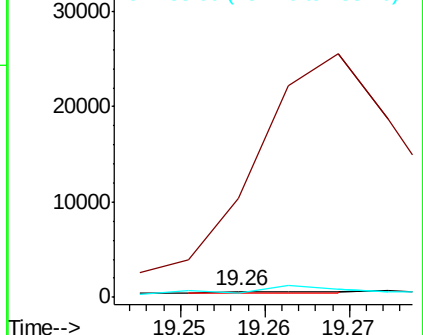
183 74.0 9.4 14.2#



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: 0.124 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

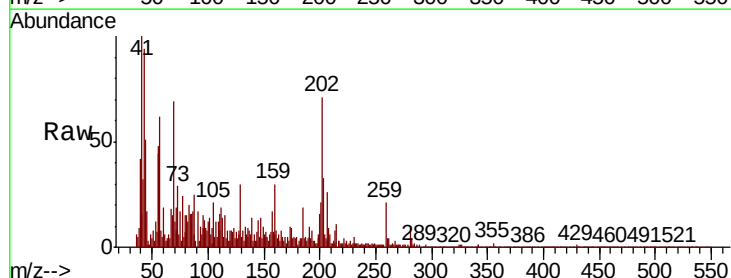
Tgt Ion:202 Resp: 12269

Ion Ratio Lower Upper

202 100

200 22.0 17.3 25.9

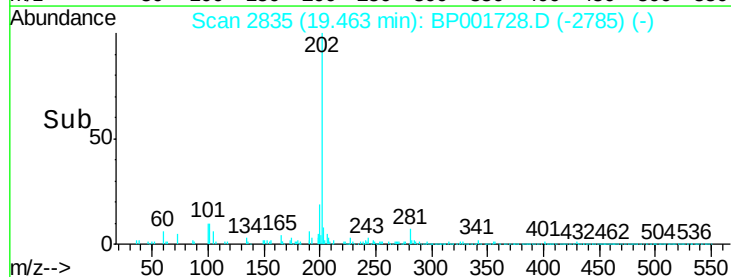
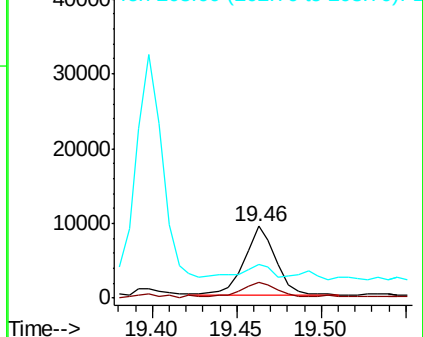
203 46.6 14.8 22.2#

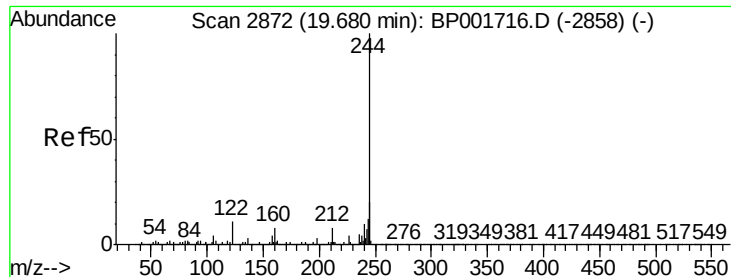


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.174 ng

RT: 19.67 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

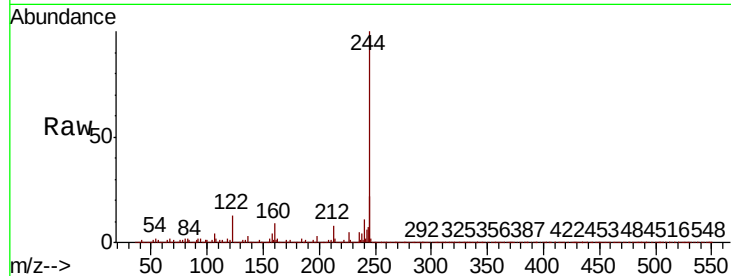
Tot Ion:244 Resp: 6380314

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

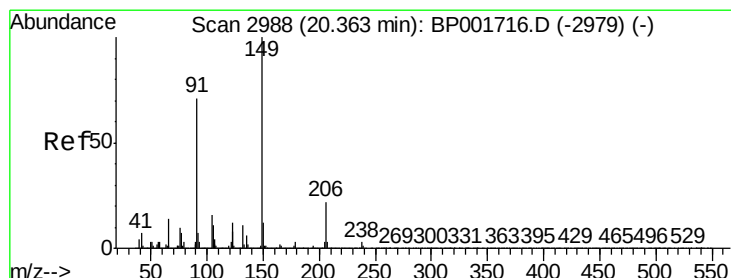
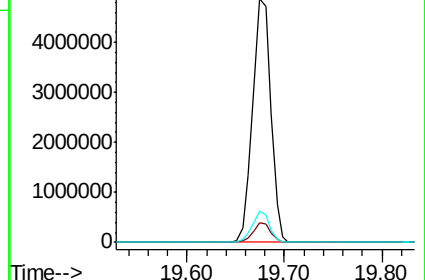
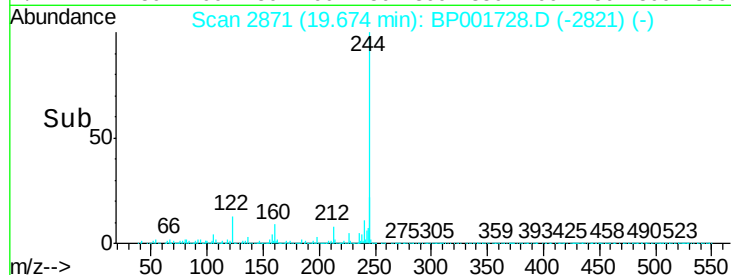
122 12.6 8.9 13.3



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: 6.727 ng

RT: 20.36 min Scan# 2988

Delta R.T. 0.00 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

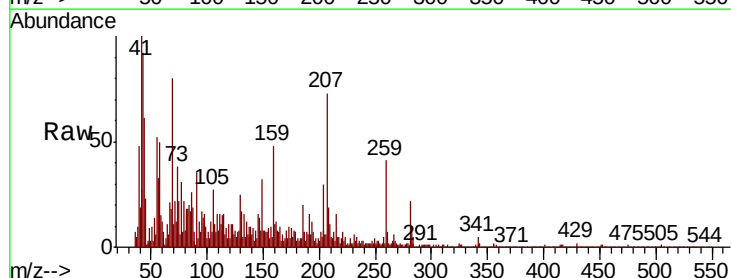
Tgt Ion:149 Resp: 3961

Ion Ratio Lower Upper

149 100

91 108.9 56.7 85.1#

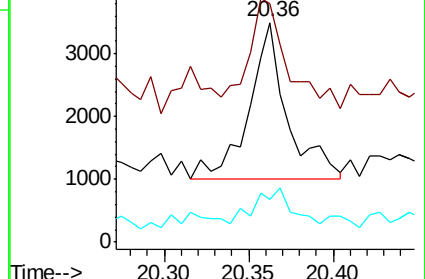
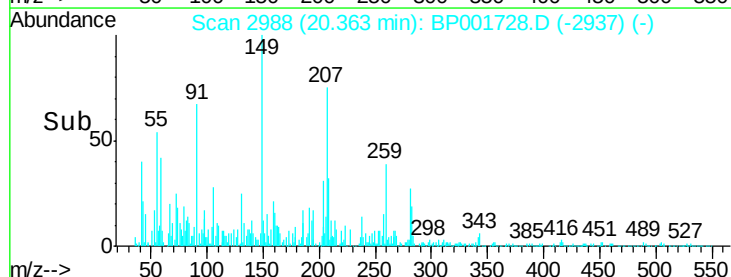
206 19.6 17.4 26.2

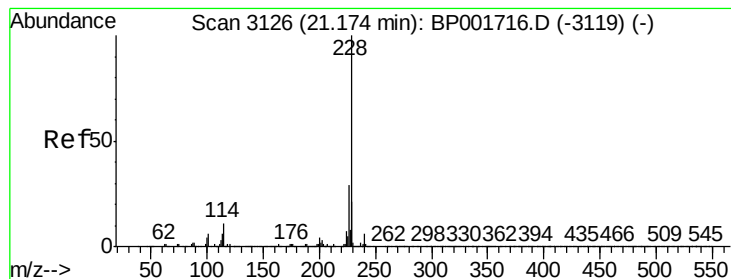


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.092 ng

RT: 21.19 min Scan# 3128

Delta R.T. 0.01 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

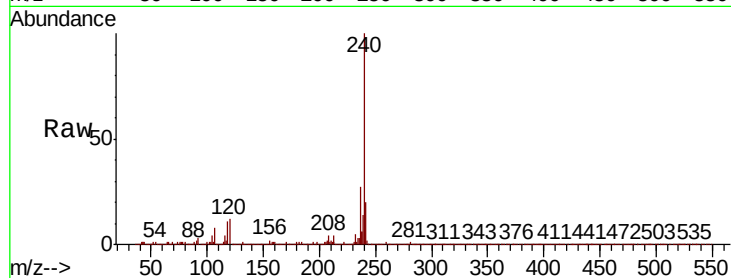
Tot Ion:228 Resp: 8799

Ion Ratio Lower Upper

228 100

226 18.3 23.1 34.7#

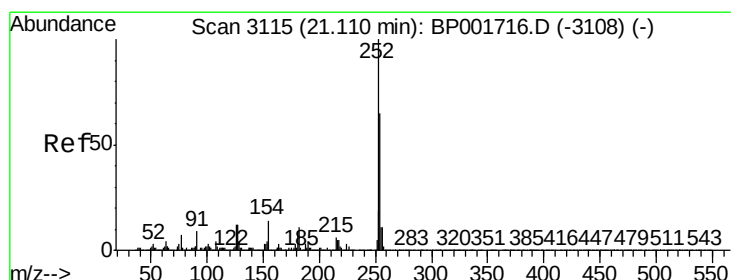
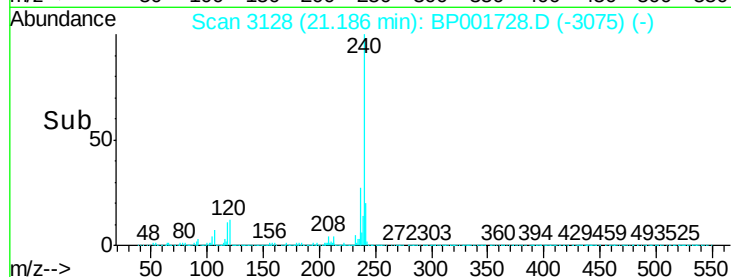
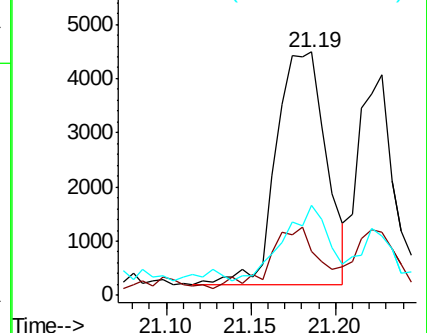
229 36.8 16.8 25.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.005 ng

RT: 21.10 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

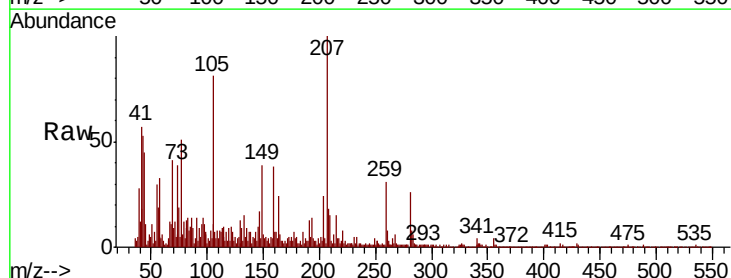
Tgt Ion:252 Resp: 162

Ion Ratio Lower Upper

252 100

254 51.8 51.8 77.8

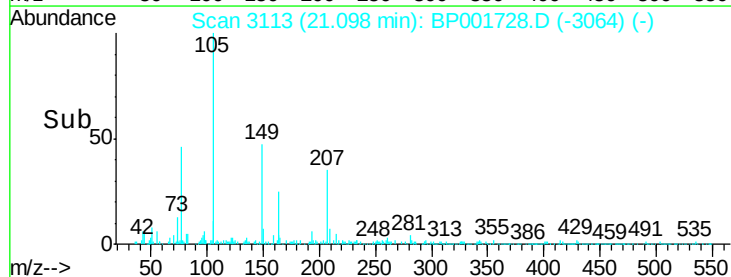
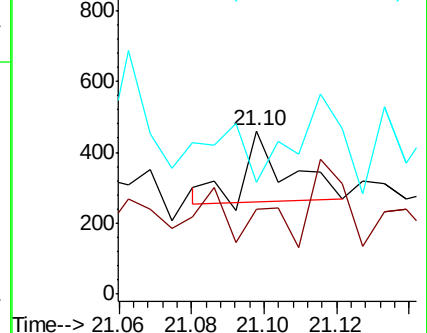
126 68.5 9.7 14.5#

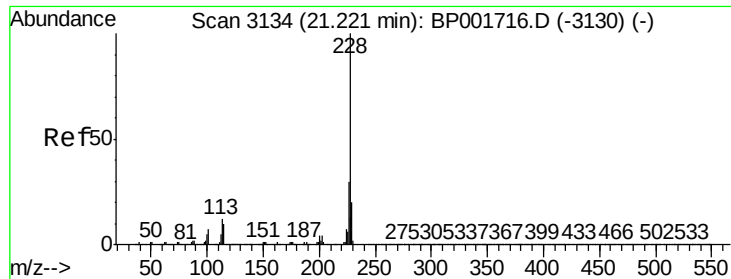


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.063 ng

RT: 21.23 min Scan# 3135

Delta R.T. 0.01 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

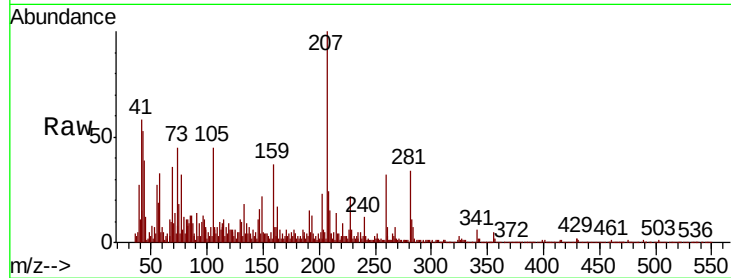
BNA_P

ClientSampleId :

GROUNDWATER

Tot Ion:228 Resp: 5704

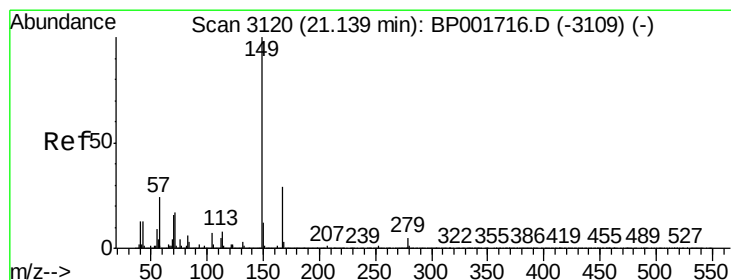
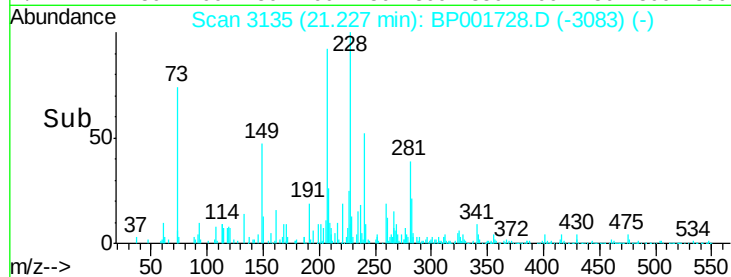
Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.3	36.5
229	27.0	16.3	24.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.741 ng

RT: 20.99 min Scan# 3094

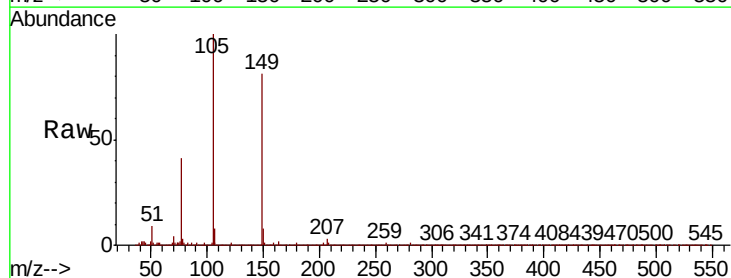
Delta R.T. -0.15 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Tgt Ion:149 Resp: 657572

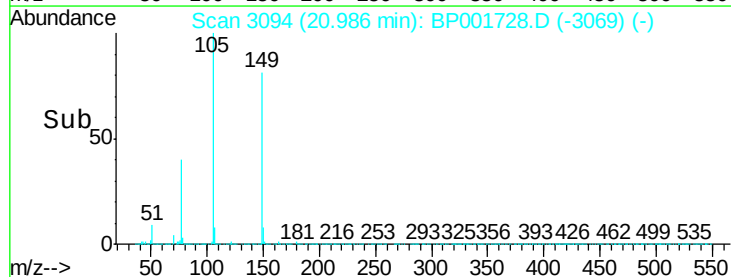
Ion	Ratio	Lower	Upper
149	100		
167	0.1	23.5	35.3#
279	0.0	3.8	5.6#

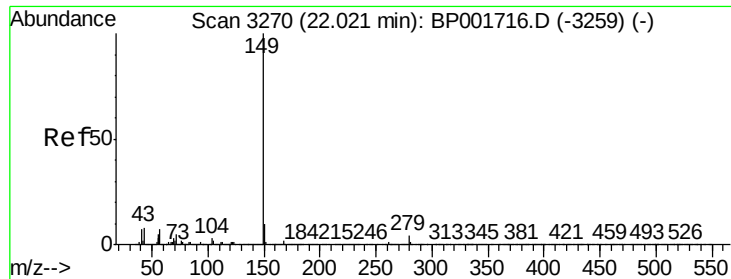


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 3.790 ng

RT: 22.02 min Scan# 3270

Delta R.T. 0.00 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

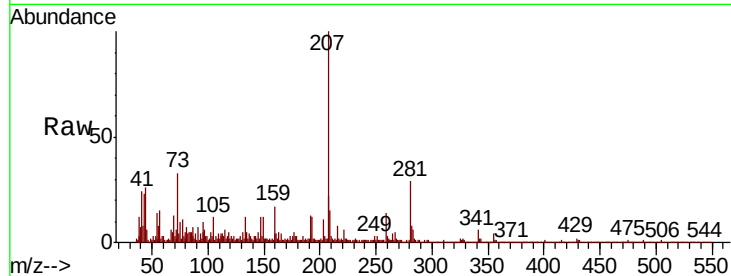
Tot Ion:149 Resp: 3378

Ion Ratio Lower Upper

149 100

167 4.4 1.2 1.8#

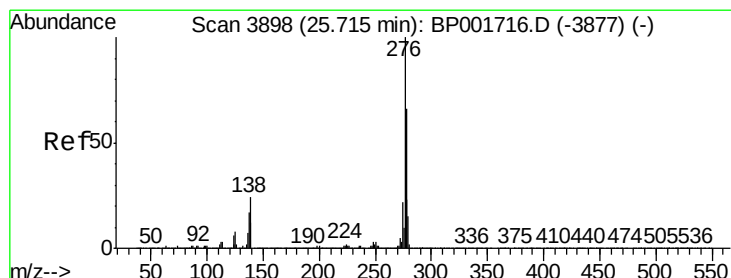
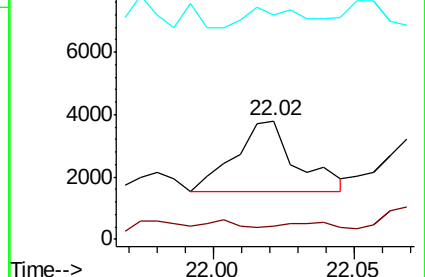
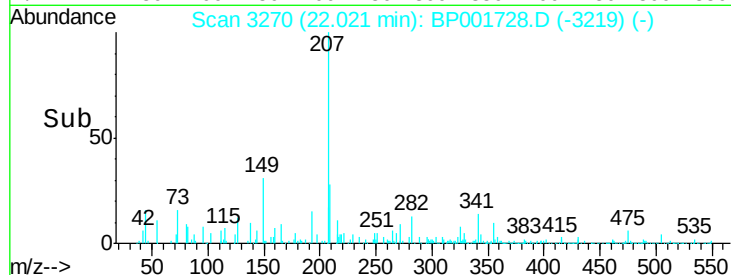
43 0.0 7.0 10.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.025 ng

RT: 25.70 min Scan# 3895

Delta R.T. -0.02 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

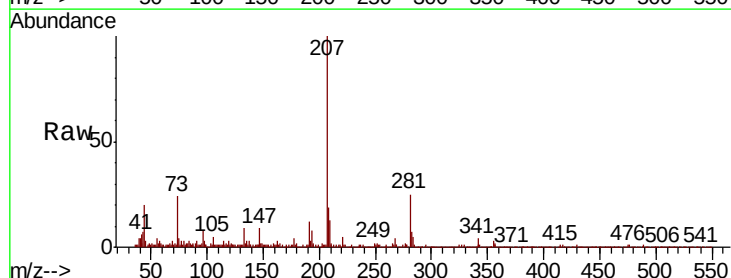
Tgt Ion:276 Resp: 2837

Ion Ratio Lower Upper

276 100

138 14.7 21.2 31.8#

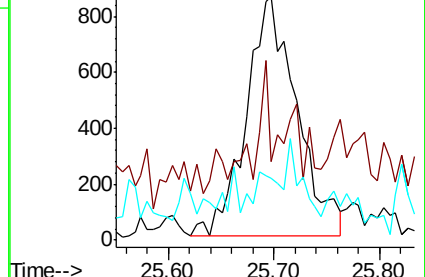
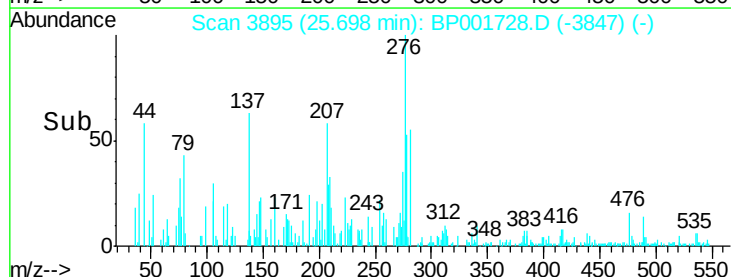
277 6.3 19.8 29.6#

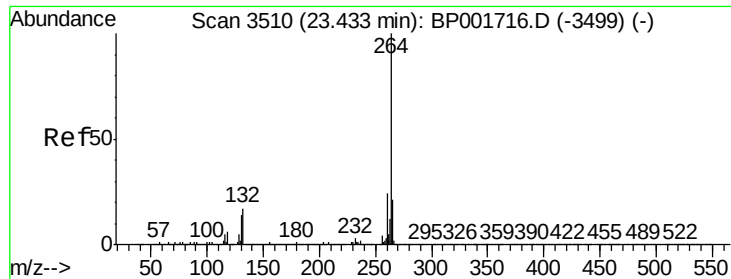


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

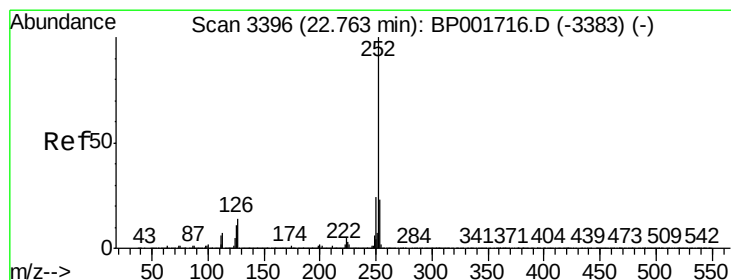
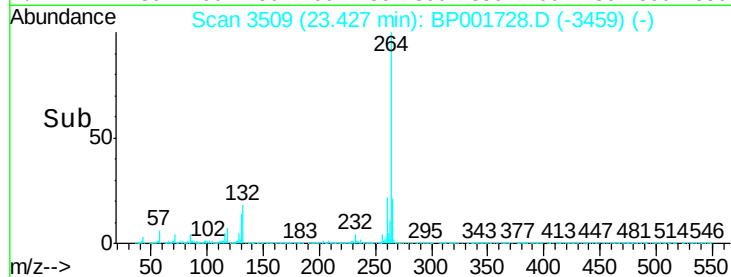
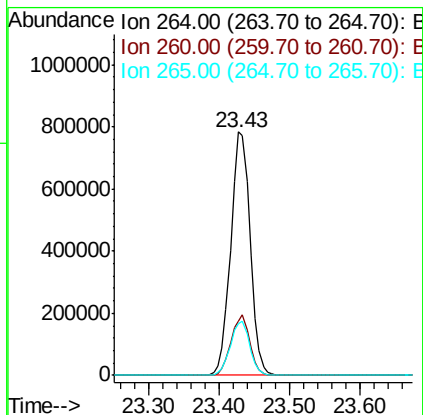
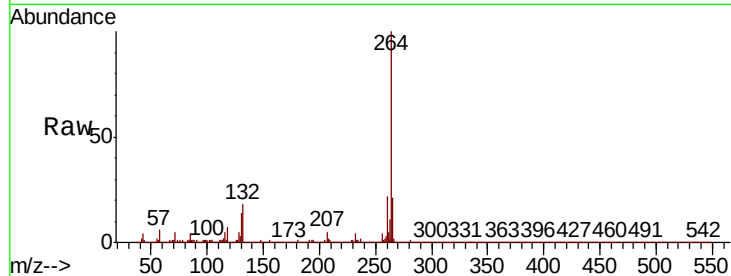




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.43 min Scan# 3509
Delta R.T. -0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

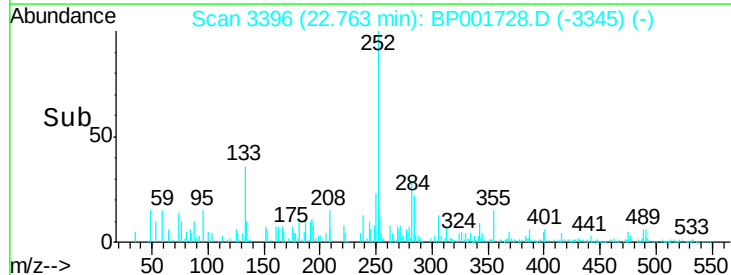
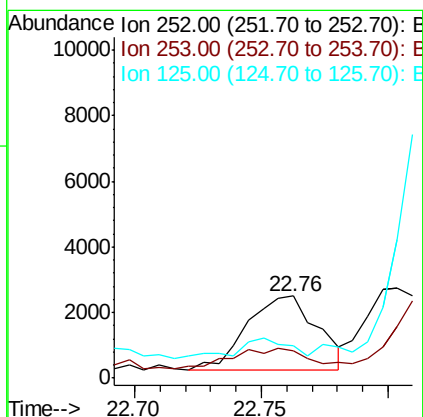
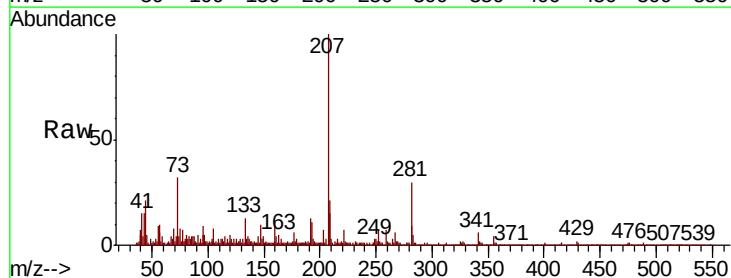
Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

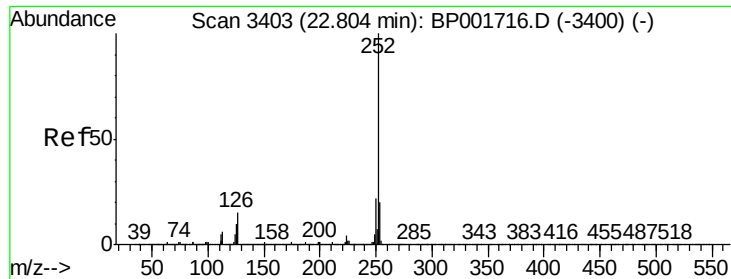
Tot Ion:264 Resp: 1501828
Ion Ratio Lower Upper
264 100
260 22.2 18.9 28.3
265 21.0 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 0.048 ng
RT: 22.76 min Scan# 3396
Delta R.T. 0.00 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt Ion:252 Resp: 4327
Ion Ratio Lower Upper
252 100
253 32.5 18.2 27.4#
125 38.8 8.4 12.6#

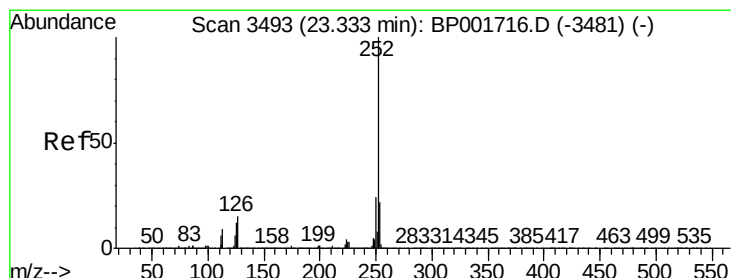
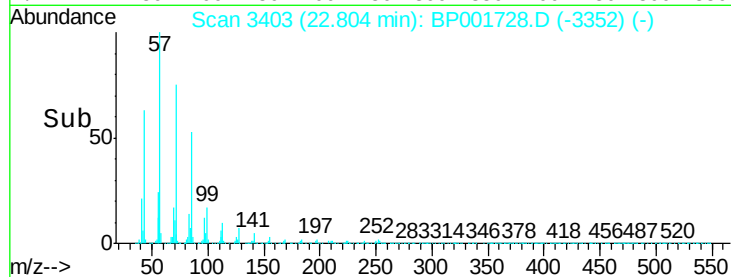
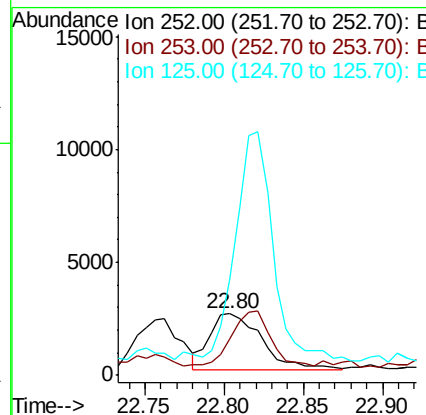
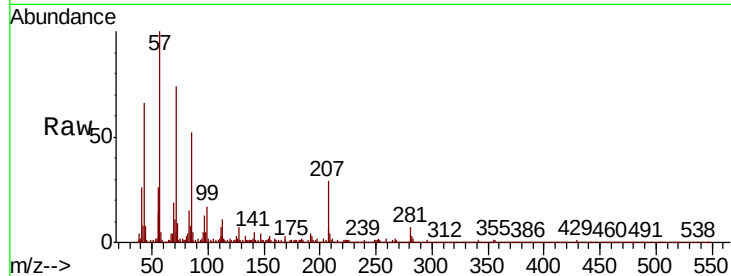




#89
Benzo(k)fluoranthene
Concen: 0.066 ng
RT: 22.80 min Scan# 3403
Delta R.T. 0.00 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

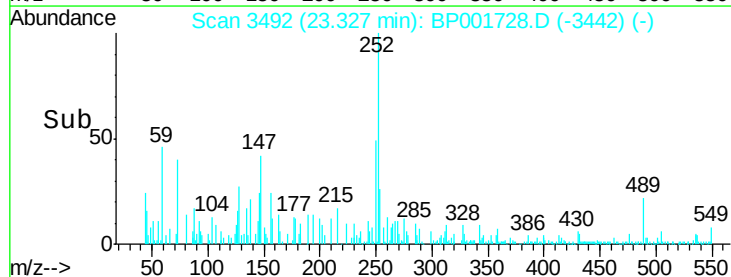
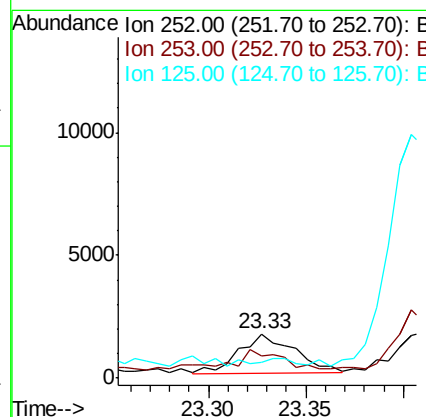
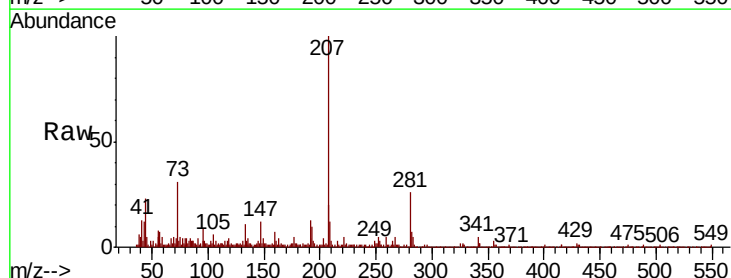
Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

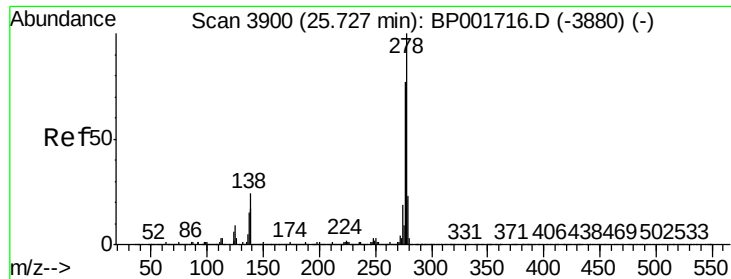
Tot Ion	Ratio	Lower	Upper
252	100		
253	57.9	16.6	24.8#
125	154.3	8.4	12.6#



#90
Benzo(a)pyrene
Concen: 0.038 ng
RT: 23.33 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	49.2	17.4	26.2#
125	36.0	9.7	14.5#





#91

Dibenzo(a,h)anthracene

Concen: 0.009 ng

RT: 25.71 min Scan# 3897

Delta R.T. -0.02 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

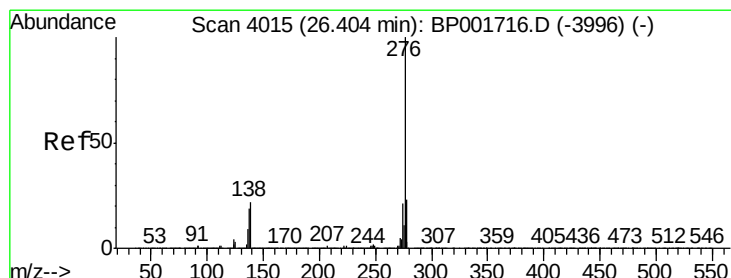
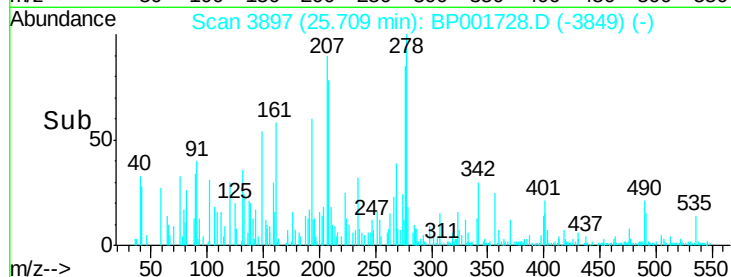
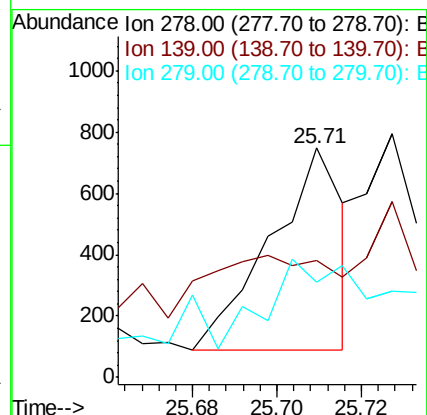
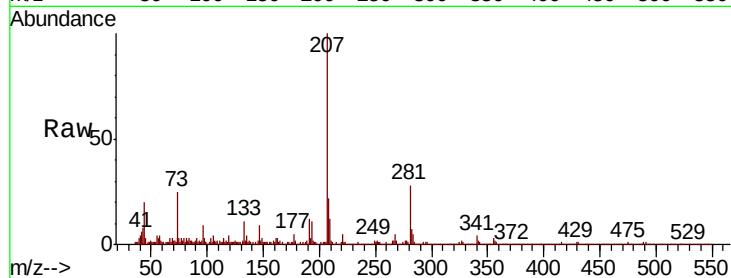
Tot Ion:278 Resp: 789

Ion Ratio Lower Upper

278 100

139 51.1 14.0 21.0#

279 41.3 18.2 27.4#



#92

Benzo(g,h,i)perylene

Concen: 0.030 ng

RT: 26.38 min Scan# 4011

Delta R.T. -0.02 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Tgt Ion:276 Resp: 2520

Ion Ratio Lower Upper

276 100

277 34.7 18.3 27.5#

138 62.3 17.8 26.8#

