

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP120520\
 Data File : BP004158.D
 Acq On : 05 Dec 2020 13:05
 Operator : CG/JU
 Sample : L4485-02
 Misc : MDL-SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-02

Quant Time: Dec 07 01:42:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP120420.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 01:39:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	405002	20.00	ng/ul	0.00
20) Naphthalene-d8	10.65	136	1702580	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.49	164	1092517	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.25	188	2409983	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	2531386	20.00	ng/ul	0.00
88) Perylene-d12	23.71	264	2676077	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	54942	5.21	ng/uL	0.00
4) Pyridine-d5	3.74	84	749765	25.03	ng/ul	0.00
7) Phenol-d5	7.00	99	1206317	33.32	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.18	67	762620	36.44	ng/ul	0.00
11) 2-Chlorophenol-d4	7.38	132	926502	32.88	ng/ul	0.00
15) 4-Methylphenol-d8	8.55	113	959620	33.64	ng/ul	0.00
21) Nitrobenzene-d5	9.00	128	478106	34.44	ng/ul	0.00
24) 2-Nitrophenol-d4	9.72	143	411032	32.43	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.26	165	867742	31.11	ng/ul	0.00
31) 4-Chloroaniline-d4	10.77	131	1315816	32.15	ng/ul	0.00
46) Dimethylphthalate-d6	13.90	166	2910354	33.54	ng/ul	0.00
49) Acenaphthylene-d8	14.19	160	3700867	34.71	ng/ul	0.00
54) 4-Nitrophenol-d4	14.67	143	427550	30.11	ng/ul	0.00
60) Fluorene-d10	15.49	176	2483506	32.73	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.60	200	278486	28.44	ng/ul	0.00
73) Anthracene-d10	17.35	188	3875228	32.72	ng/ul	0.00
81) Pyrene-d10	19.59	212	4416828	33.17	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.56	264	4501492	31.31	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.38	88	8549	0.748	ng/uL#	84
5) Pyridine	3.76	79	93957	3.103	ng/ul#	61
6) Benzaldehyde	6.99	77	79705	4.954	ng/ul	96
8) Phenol	7.03	94	104206	2.813	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.28	93	89557	3.013	ng/ul	97
12) 2-Chlorophenol	7.41	128	77840	2.733	ng/ul	97
13) 2-Methylphenol	8.28	108	72096	2.557	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.38	45	108454	3.062	ng/ul	96
16) Acetophenone	8.67	105	130717	2.958	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.65	70	65175	2.808	ng/ul	98
18) 4-Methylphenol	8.60	108	79821	2.656	ng/ul	99
19) Hexachloroethane	8.93	117	34843	2.856	ng/ul	96
22) Nitrobenzene	9.04	77	101265	2.993	ng/ul	95
23) Isophorone	9.57	82	187776	2.747	ng/ul	99
25) 2-Nitrophenol	9.76	139	37021	2.726	ng/ul	95
26) 2,4-Dimethylphenol	9.82	107	84955	2.580	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.06	93	114351	2.812	ng/ul	99
29) 2,4-Dichlorophenol	10.29	162	72964	2.708	ng/ul	93
30) Naphthalene	10.70	128	273540	2.873	ng/ul	99
32) 4-Chloroaniline	10.80	127	110936	2.838	ng/ul	97
33) Hexachlorobutadiene	10.99	225	53612	2.773	ng/ul	97
34) Caprolactam	11.58	113	21428	2.155	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.92	107	69728	2.331	ng/ul	99
36) 2-Methylnaphthalene	12.31	142	189085	2.820	ng/ul	99
37) 1-Methylnaphthalene	12.53	142	179781	2.789	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	102142	2.784	ng/ul	99
40) Hexachlorocyclopentadiene	12.66	237	53671	2.340	ng/ul	99
41) 2,4,6-Trichlorophenol	12.92	196	47769	2.261	ng/ul	98
42) 2,4,5-Trichlorophenol	12.98	196	51941	2.283	ng/ul	94
43) 1,1'-Biphenyl	13.33	154	250942	2.872	ng/ul	99
44) 2-Chloronaphthalene	13.36	162	196591	2.838	ng/ul	99
45) 2-Nitroaniline	13.56	65	40305	2.369	ng/ul	92
47) Dimethylphthalate	13.95	163	248187	2.818	ng/ul	100
48) 2,6-Dinitrotoluene	14.06	165	35266	2.206	ng/ul	96
50) Acenaphthylene	14.22	152	294803	2.790	ng/ul	99
51) 3-Nitroaniline	14.39	138	37038	2.482	ng/ul	97
52) Acenaphthene	14.56	153	205215	2.753	ng/ul	98
53) 2,4-Dinitrophenol	14.59	184	9629	1.562	ng/ul	96
55) 4-Nitrophenol	14.69	109	29507	2.762	ng/ul#	81
56) Dibenzofuran	14.89	168	294550	2.851	ng/ul	99
57) 2,4-Dinitrotoluene	14.85	165	50814	2.327	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.12	232	41415	2.232	ng/ul#	98
59) Diethylphthalate	15.32	149	238878	2.687	ng/ul	99
61) Fluorene	15.55	166	239971	2.799	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.55	204	125131	2.798	ng/ul	99
63) 4-Nitroaniline	15.55	138	41387	2.934	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.62	198	28385	2.598	ng/ul#	83
67) N-Nitrosodiphenylamine	15.76	169	200037	2.697	ng/ul	98
68) 4-Bromophenyl-phenylether	16.45	248	75096	2.603	ng/ul	96
69) Hexachlorobenzene	16.55	284	89862	2.794	ng/ul	96
70) Atrazine	16.71	200	68953	2.380	ng/ul	99
71) Pentachlorophenol	16.89	266	29714	1.934	ng/ul	97
72) Phenanthrene	17.29	178	393192	2.836	ng/ul	99
74) Anthracene	17.39	178	396867	2.810	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.29	216	100827	2.756	ng/uL	97
76) Pentachlorobenzene	14.82	250	100979	2.731	ng/uL	98
77) Carbazole	17.65	167	333489	2.780	ng/ul	99
78) Di-n-butylphthalate	18.22	149	369750	2.365	ng/ul	99
80) Fluoranthene	19.26	202	458501	2.719	ng/ul	97
82) Pyrene	19.62	202	495665	2.894	ng/ul	99
83) Butylbenzylphthalate	20.50	149	124948	1.795	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.26	252	126227	2.198	ng/ul	97
85) Benzo(a)anthracene	21.33	228	476351	2.797	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.27	149	213576	2.034	ng/ul	100
87) Chrysene	21.38	228	460111	2.821	ng/ul	100
89) Di-n-octyl phthalate	22.19	149	315531	1.973	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	466735	2.709	ng/ul	100
91) Benzo(k)fluoranthene	23.04	252	461935	2.767	ng/ul	98
93) Benzo(a)pyrene	23.61	252	443421	2.802	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.13	276	516197	2.547	ng/ul	99
95) Dibenzo(a,h)anthracene	26.16	278	439381	2.597	ng/ul	99
96) Benzo(g,h,i)perylene	26.87	276	429547	2.525	ng/ul	98

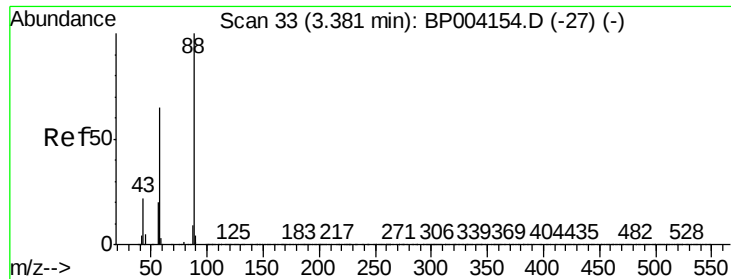
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 0.748 ng/uL

RT: 3.38 min Scan# 33

Delta R.T. -0.00 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-02

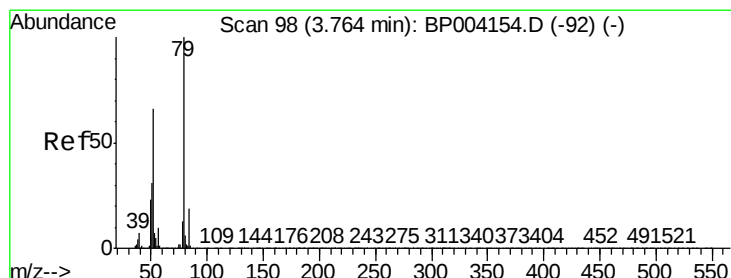
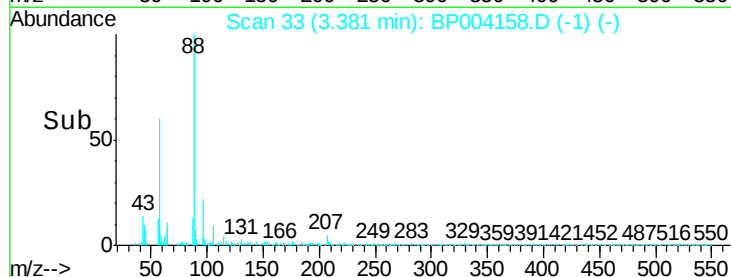
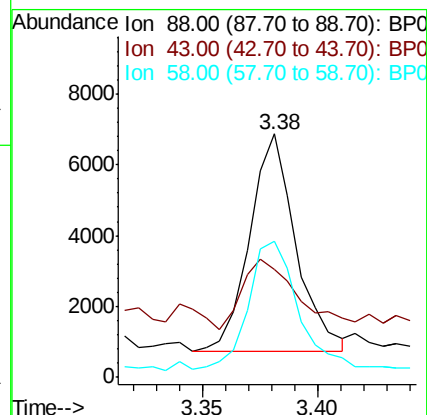
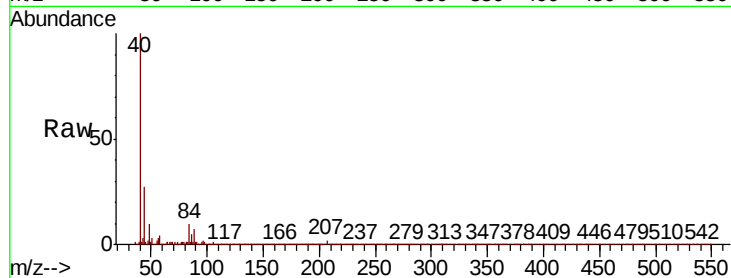
Tot Ion: 88 Resp: 8549

Ion Ratio Lower Upper

88 100

43 44.1 42.5 63.7

58 56.0 57.0 85.4#



#5

Pyridine

Concen: 3.103 ng/uL

RT: 3.76 min Scan# 98

Delta R.T. -0.00 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

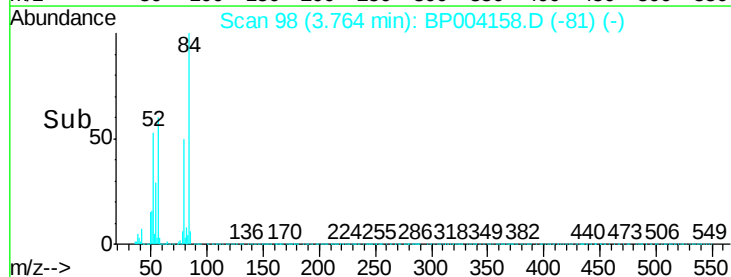
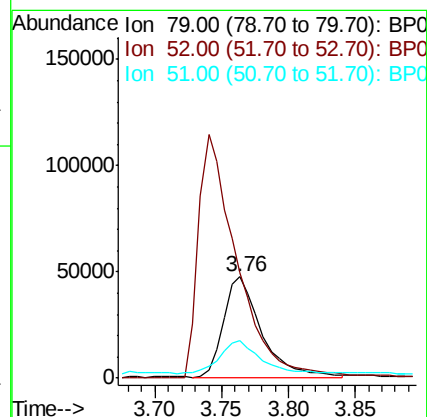
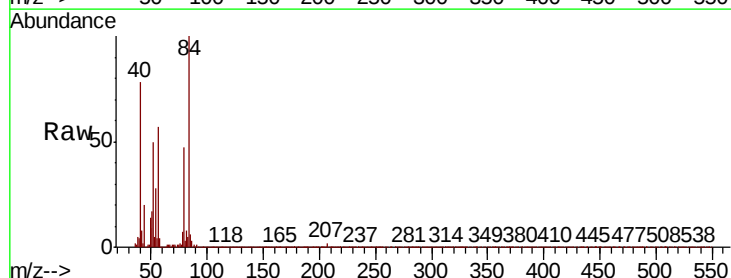
Tgt Ion: 79 Resp: 93957

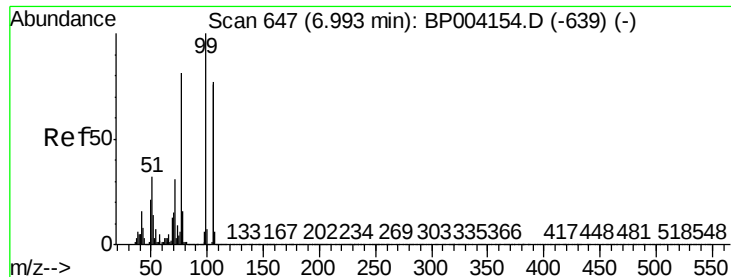
Ion Ratio Lower Upper

79 100

52 104.3 51.4 77.0#

51 36.6 24.0 36.0#





#6

Benzaldehyd

Concen: 4.954 ng/ul

RT: 6.99 min Scan# 646

Delta R.T. -0.01 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-02

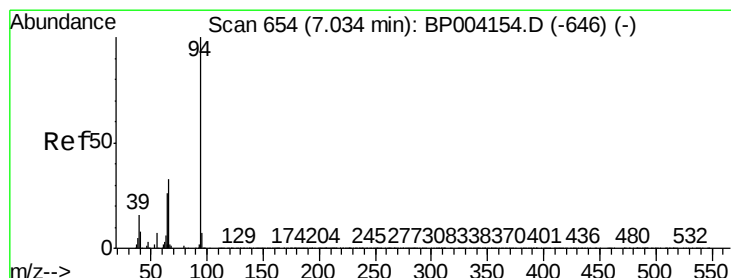
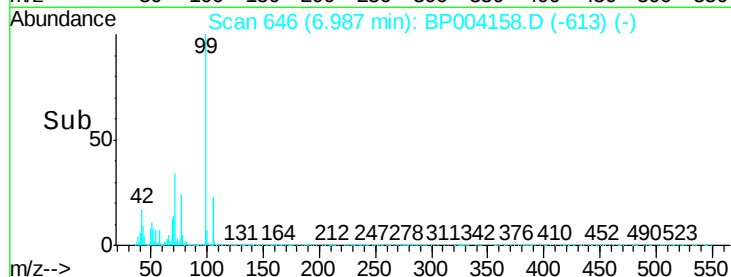
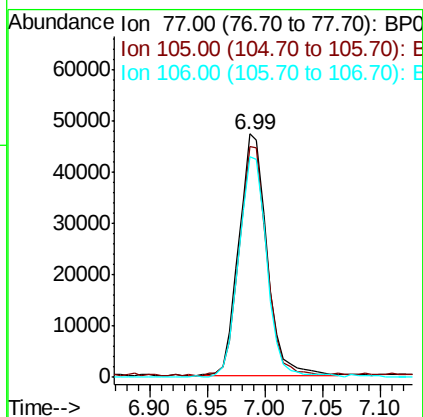
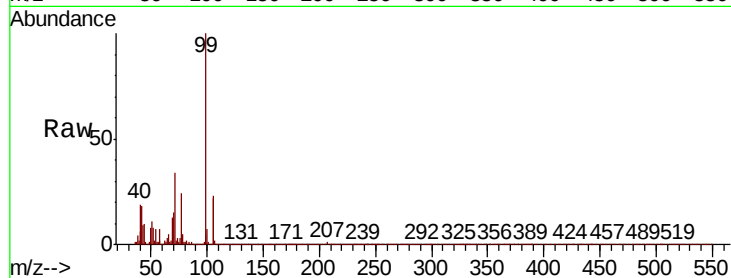
Tot Ion: 77 Resp: 79705

Ion Ratio Lower Upper

77 100

105 94.6 79.8 119.8

106 90.9 75.2 112.8



#8

Phenol

Concen: 2.813 ng/ul

RT: 7.03 min Scan# 653

Delta R.T. -0.01 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

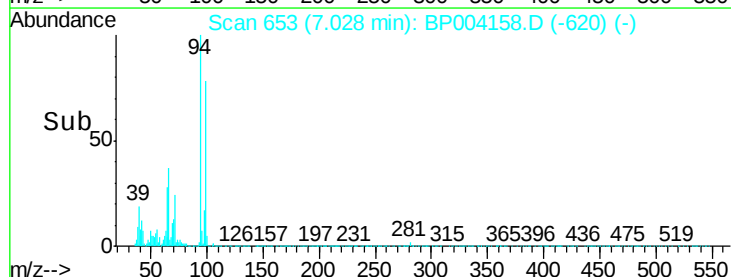
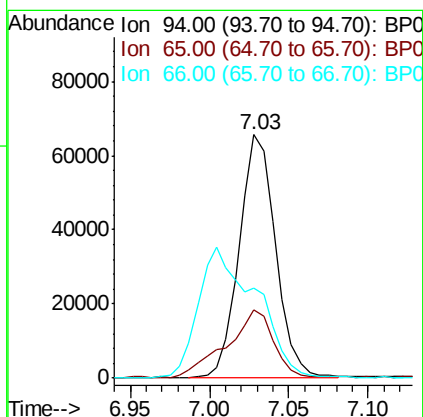
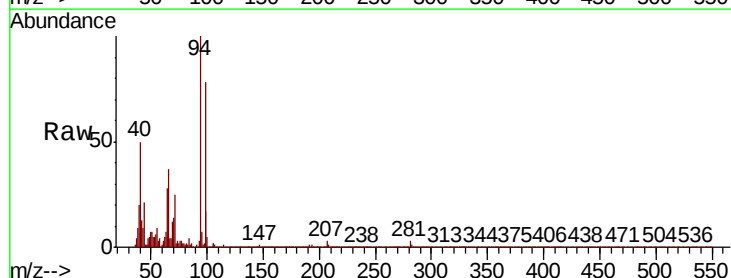
Tgt Ion: 94 Resp: 104206

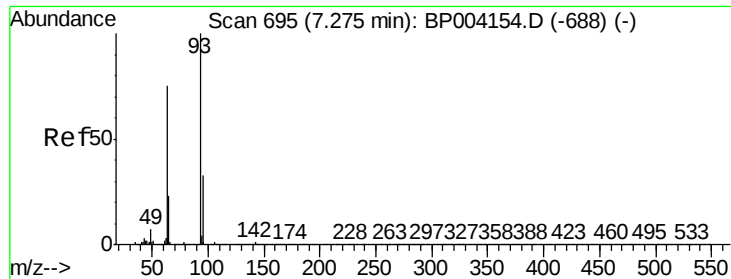
Ion Ratio Lower Upper

94 100

65 27.9 20.8 31.2

66 36.8 27.0 40.6

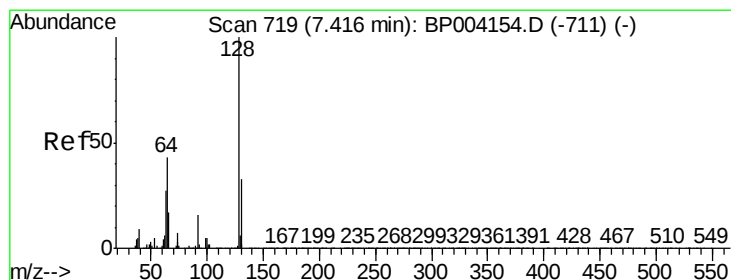
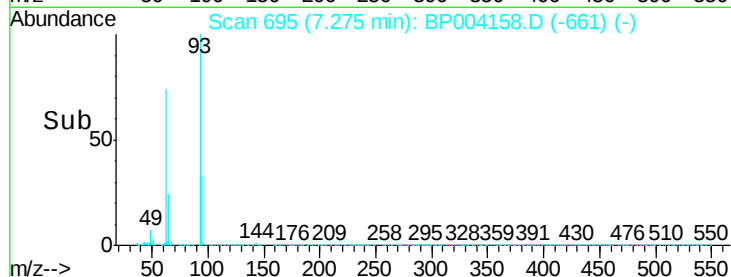
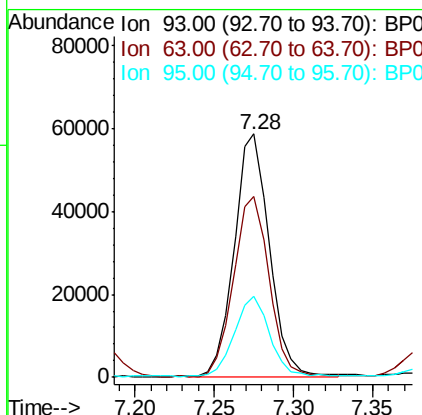
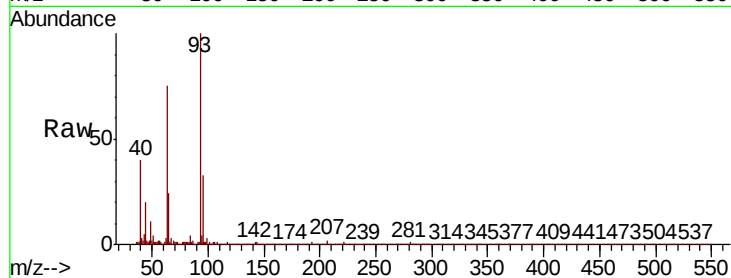




#10
 Bis(2-Chloroethyl)ether
 Concen: 3.013 ng/ul
 RT: 7.28 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BP004158.D
 Acq: 05 Dec 2020 13:05

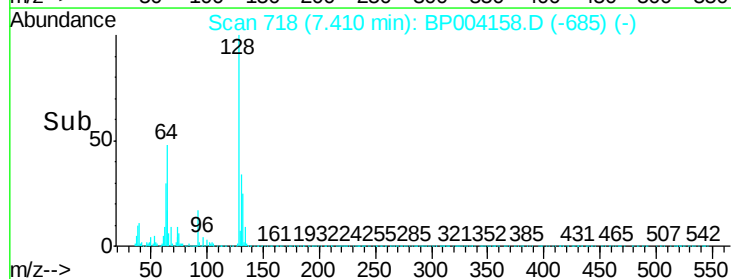
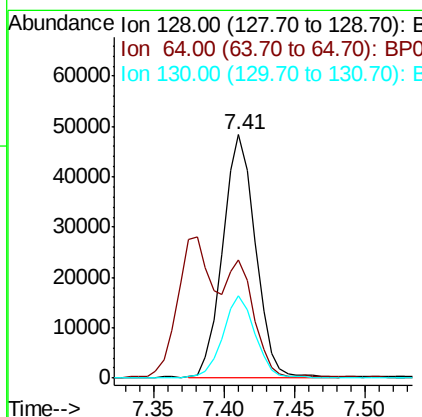
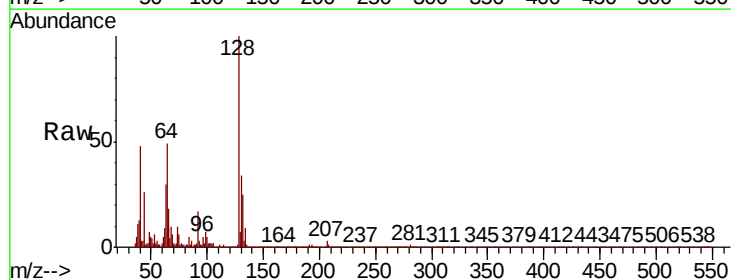
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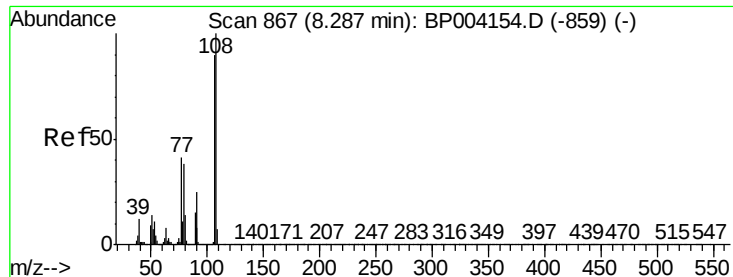
Tot Ion:	93	Resp:	89557
Ion	Ratio	Lower	Upper
93	100		
63	74.5	57.0	85.4
95	33.1	26.8	40.2



#12
 2-Chlorophenol
 Concen: 2.733 ng/ul
 RT: 7.41 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: BP004158.D
 Acq: 05 Dec 2020 13:05

Tgt Ion:	128	Resp:	77840
Ion	Ratio	Lower	Upper
128	100		
64	48.5	37.4	56.0
130	33.7	25.4	38.2

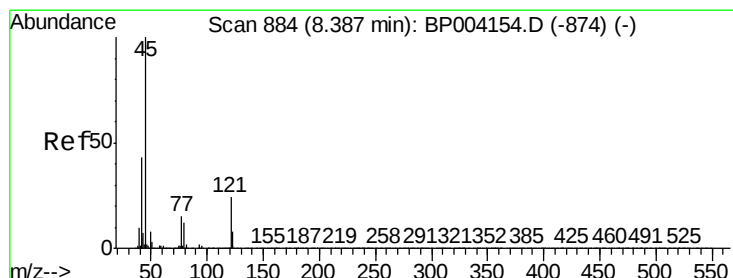
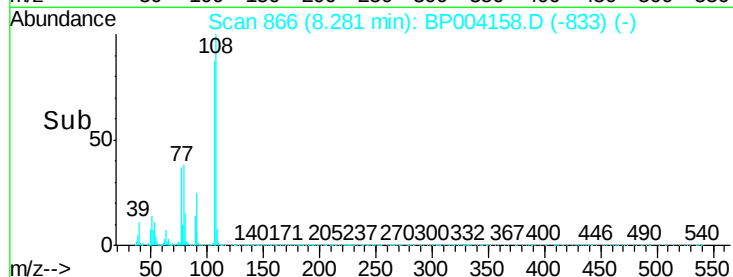
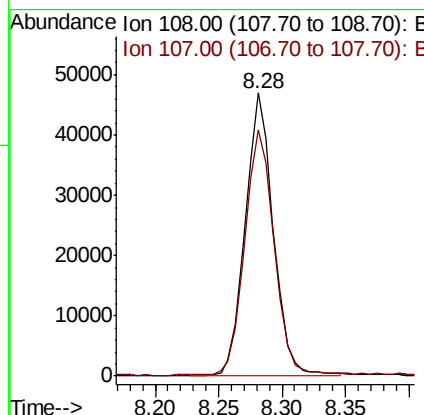
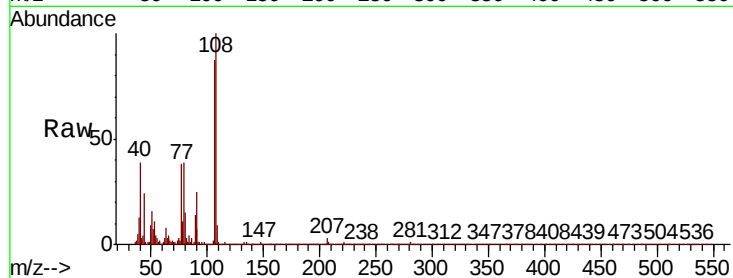




#13
2-Methylphenol
Concen: 2.557 ng/ul
RT: 8.28 min Scan# 866
Delta R.T. -0.01 min
Lab File: BP004158.D
Acq: 05 Dec 2020 13:05

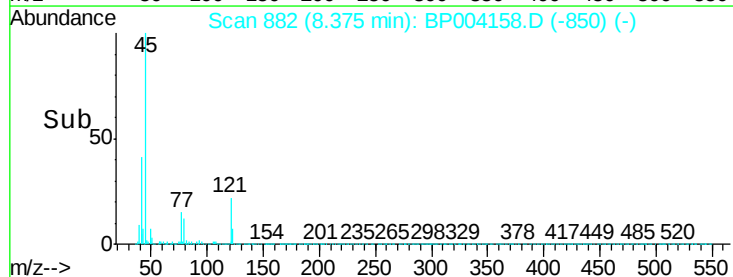
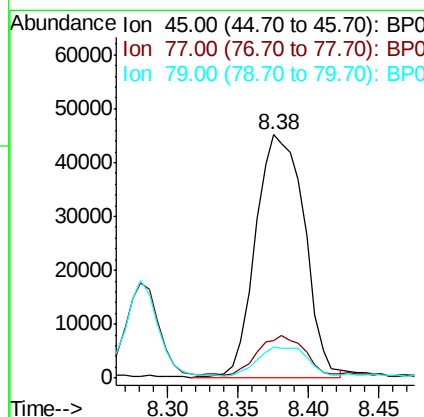
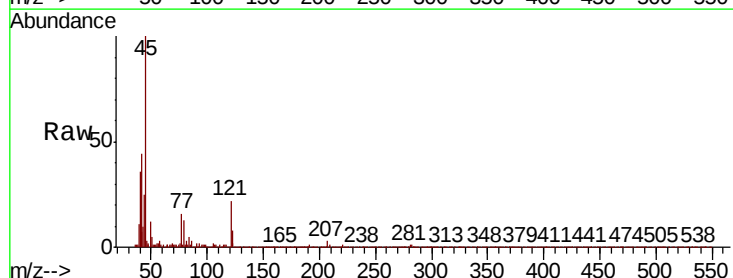
Instrument :
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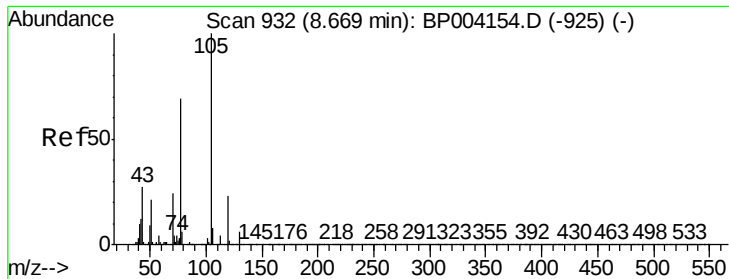
Tot Ion:108 Resp: 72096
Ion Ratio Lower Upper
108 100
107 87.1 72.7 109.1



#14
2,2'-oxybis(1-Chloropropane)
Concen: 3.062 ng/ul
RT: 8.38 min Scan# 882
Delta R.T. -0.01 min
Lab File: BP004158.D
Acq: 05 Dec 2020 13:05

Tgt Ion: 45 Resp: 108454
Ion Ratio Lower Upper
45 100
77 15.6 14.2 21.4
79 13.0 11.4 17.2

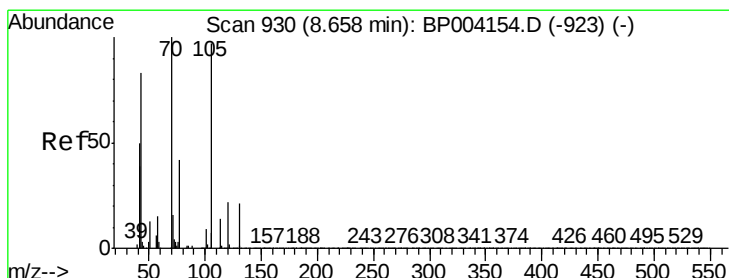
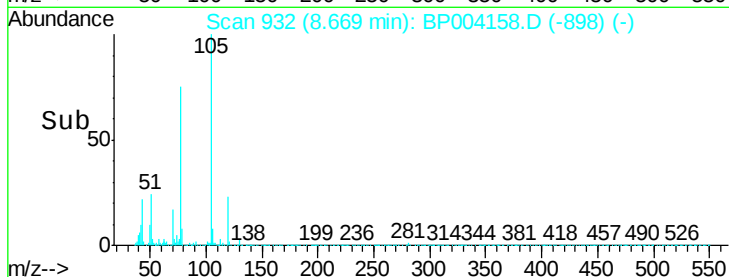
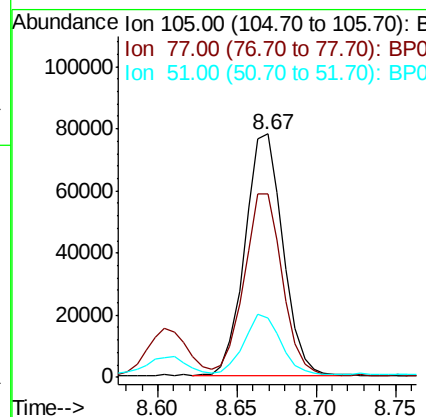
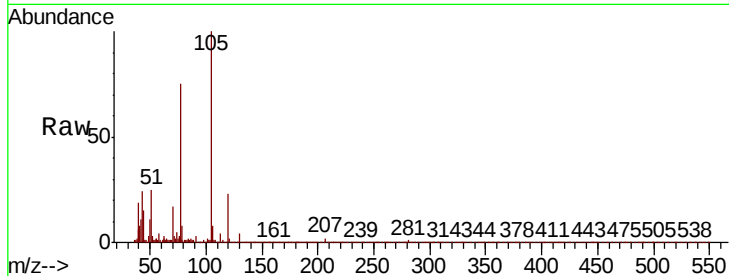




#16
Acetophenone
Concen: 2.958 ng/ul
RT: 8.67 min Scan# 932
Delta R.T. -0.00 min
Lab File: BP004158.D
Acq: 05 Dec 2020 13:05

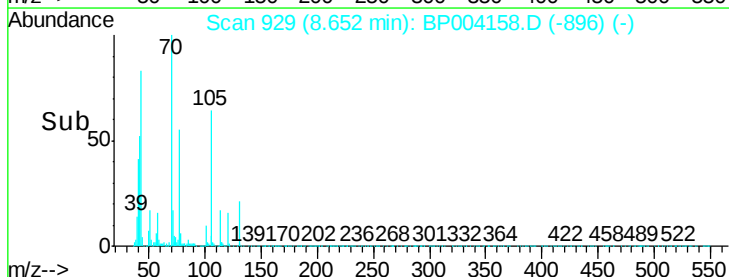
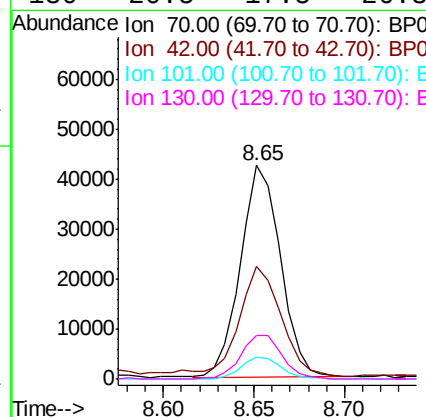
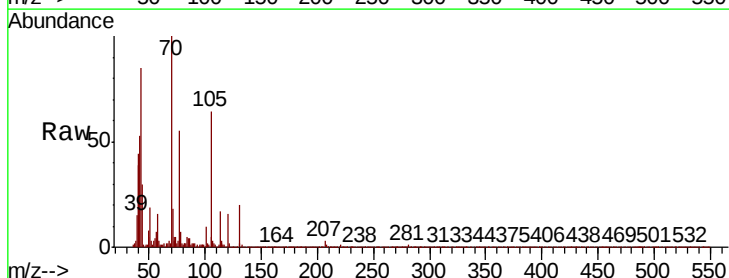
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-02

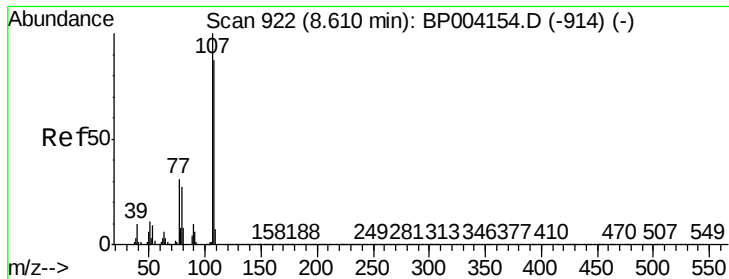
Tot Ion: 105 Resp: 130717
Ion Ratio Lower Upper
105 100
77 75.4 60.9 91.3
51 24.6 18.2 27.4



#17
N-Nitroso-di-n-propylamine
Concen: 2.808 ng/ul
RT: 8.65 min Scan# 929
Delta R.T. -0.01 min
Lab File: BP004158.D
Acq: 05 Dec 2020 13:05

Tgt Ion: 70 Resp: 65175
Ion Ratio Lower Upper
70 100
42 52.6 41.4 62.0
101 10.3 8.2 12.2
130 20.5 17.5 26.3

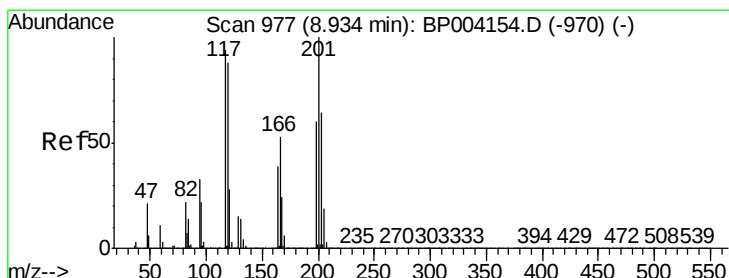
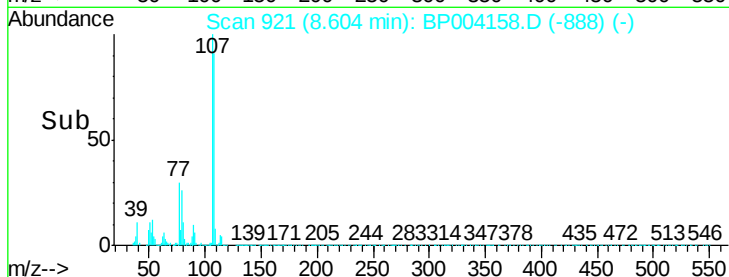
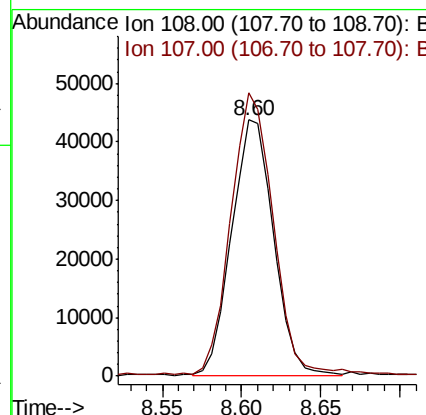
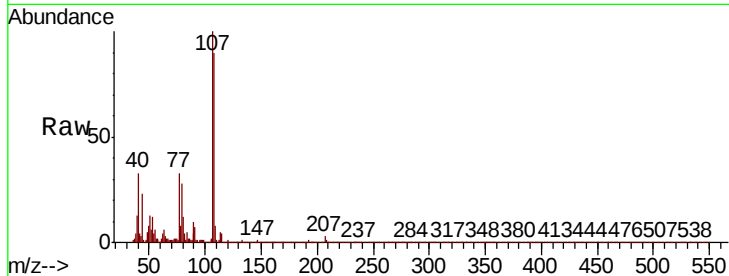




#18
4-Methylphenol
Concen: 2.656 ng/ul
RT: 8.60 min Scan# 921
Delta R.T. -0.01 min
Lab File: BP004158.D
Acq: 05 Dec 2020 13:05

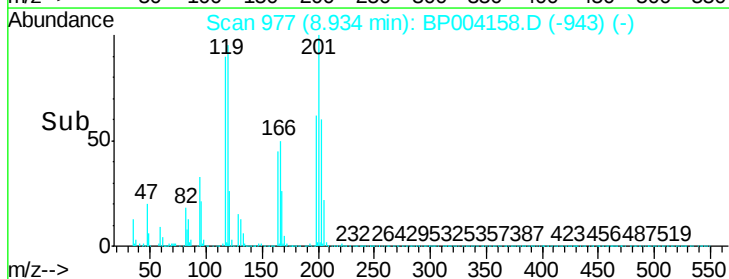
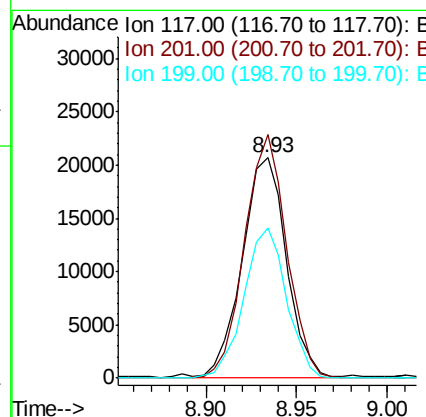
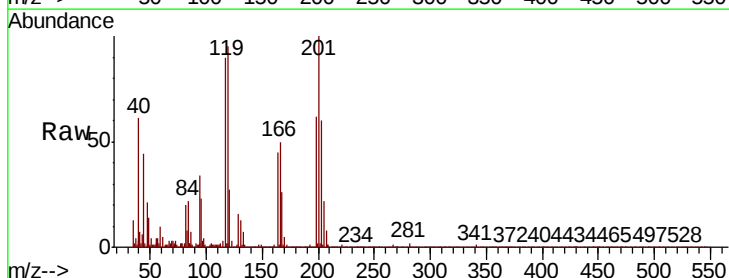
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-02

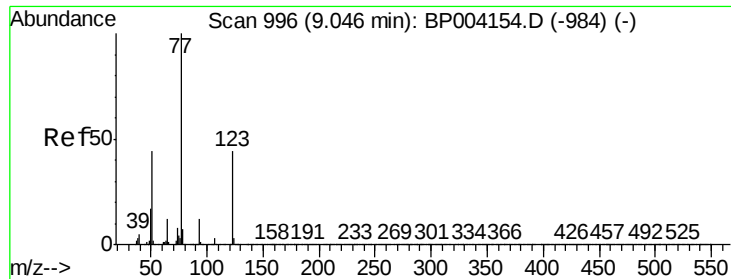
Tot Ion:108 Resp: 79821
Ion Ratio Lower Upper
108 100
107 110.5 89.3 133.9



#19
Hexachloroethane
Concen: 2.856 ng/ul
RT: 8.93 min Scan# 977
Delta R.T. -0.00 min
Lab File: BP004158.D
Acq: 05 Dec 2020 13:05

Tgt Ion:117 Resp: 34843
Ion Ratio Lower Upper
117 100
201 110.5 84.3 126.5
199 68.3 53.0 79.4

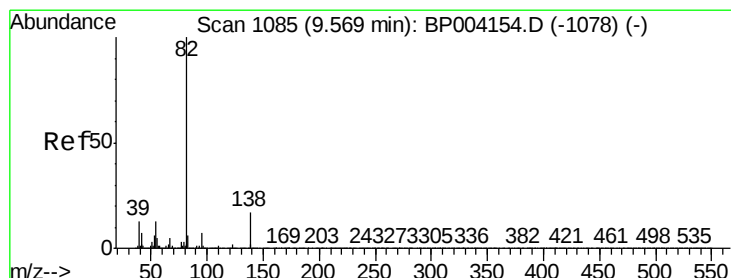
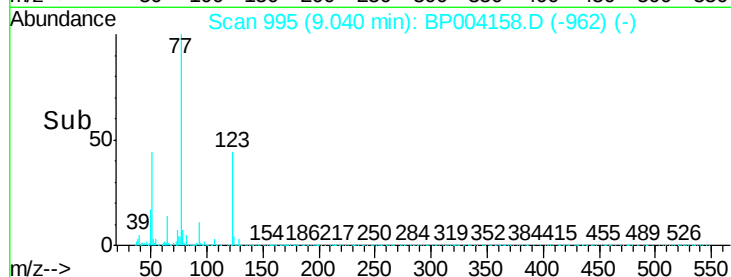
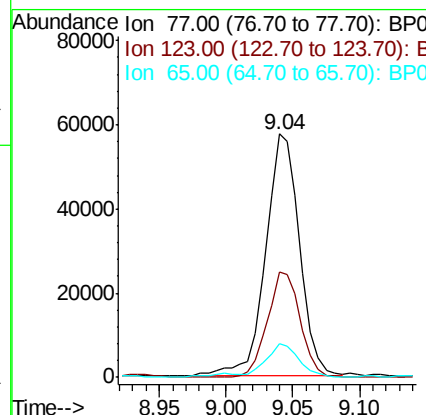
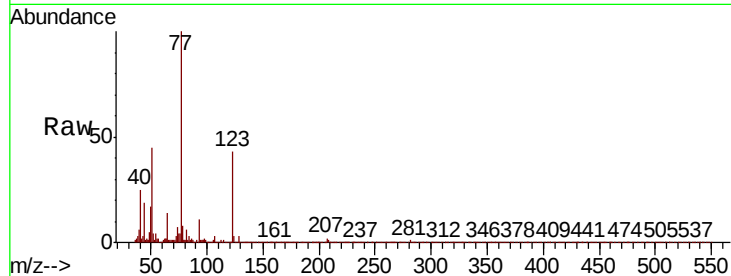




#22
Nitrobenzene
Concen: 2.993 ng/ul
RT: 9.04 min Scan# 995
Delta R.T. -0.01 min
Lab File: BP004158.D
Acq: 05 Dec 2020 13:05

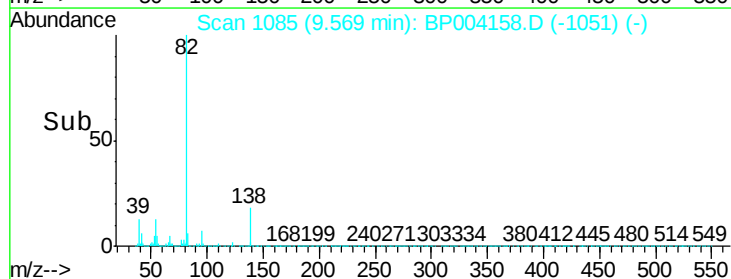
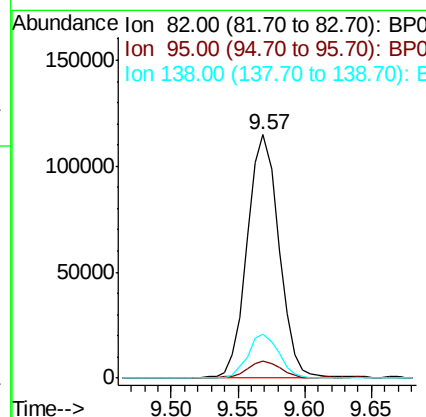
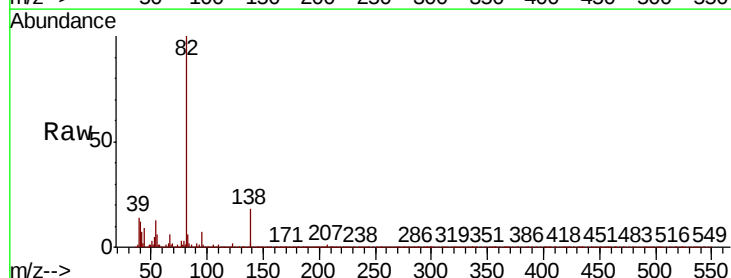
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-02

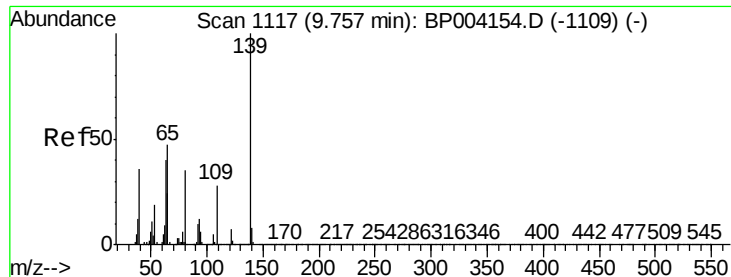
Tot Ion	Ratio	Lower	Upper
77	100		
123	43.4	37.4	56.2
65	13.9	9.9	14.9



#23
Isophorone
Concen: 2.747 ng/ul
RT: 9.57 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BP004158.D
Acq: 05 Dec 2020 13:05

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.9	6.0	9.0
138	17.8	14.6	21.8





#25

2-Nitrophenol

Concen: 2.726 ng/ul

RT: 9.76 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-02

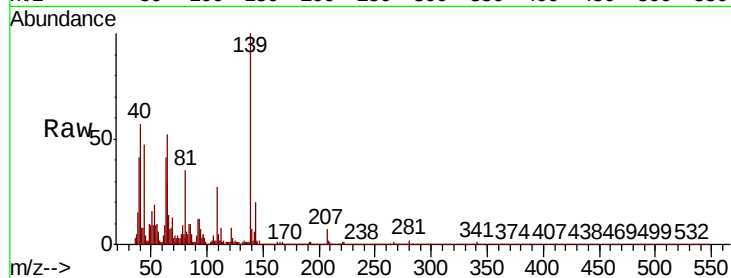
Tot Ion:139 Resp: 37021

Ion Ratio Lower Upper

139 100

65 52.1 39.8 59.6

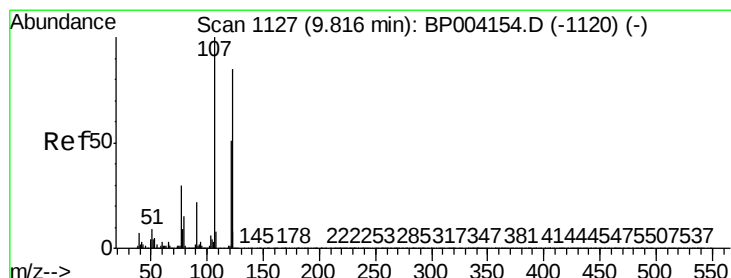
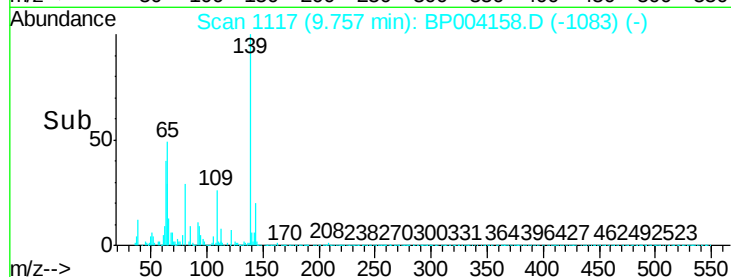
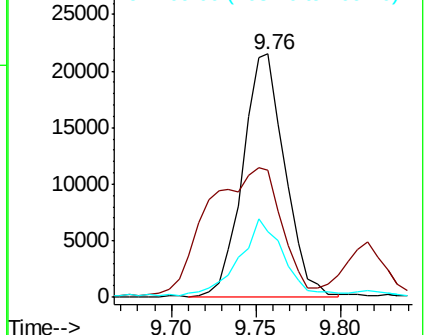
109 27.0 24.5 36.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BP0

Ion 109.00 (108.70 to 109.70): E



#26

2,4-Dimethylphenol

Concen: 2.580 ng/ul

RT: 9.82 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

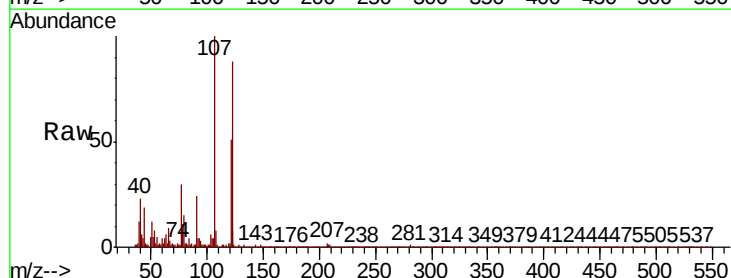
Tgt Ion:107 Resp: 84955

Ion Ratio Lower Upper

107 100

121 51.3 40.4 60.6

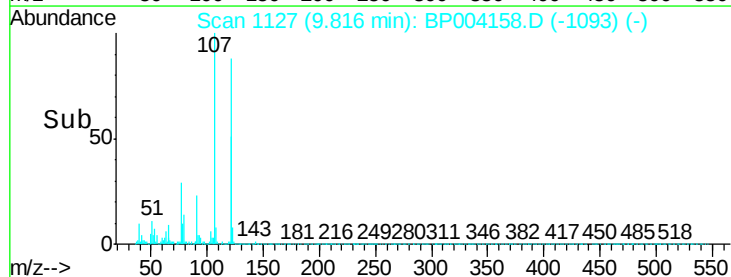
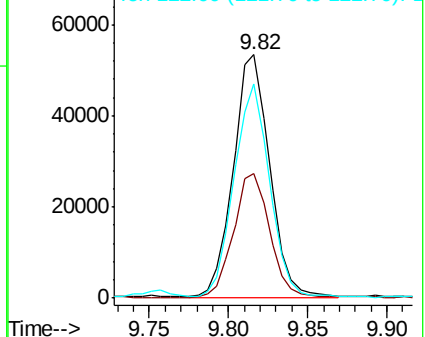
122 88.2 67.6 101.4

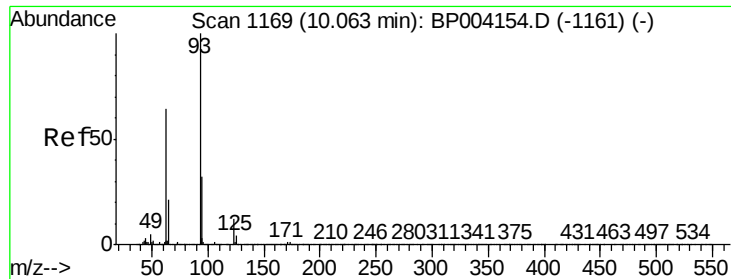


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

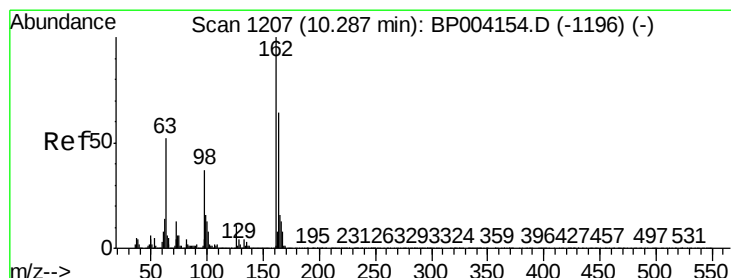
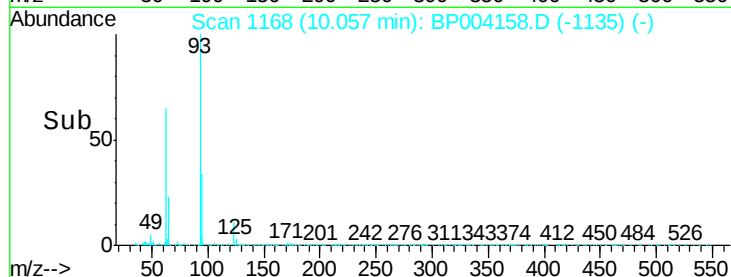
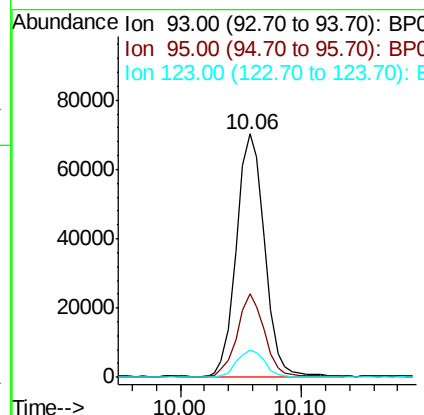
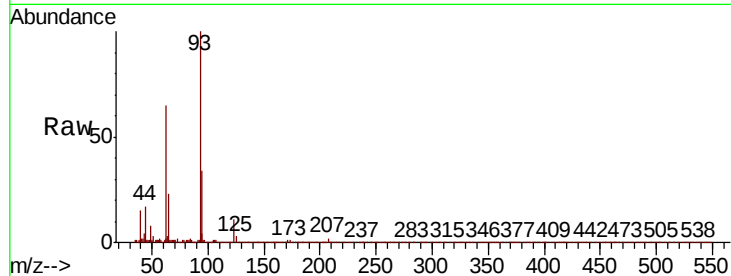




#27
 Bis(2-Chloroethoxy)methane
 Concen: 2.812 ng/ul
 RT: 10.06 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BP004158.D
 Acq: 05 Dec 2020 13:05

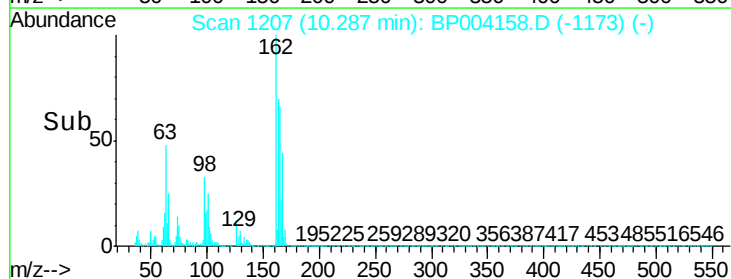
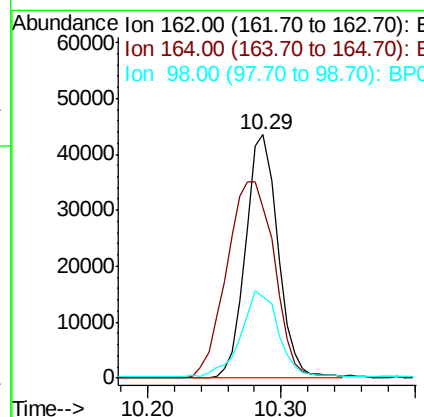
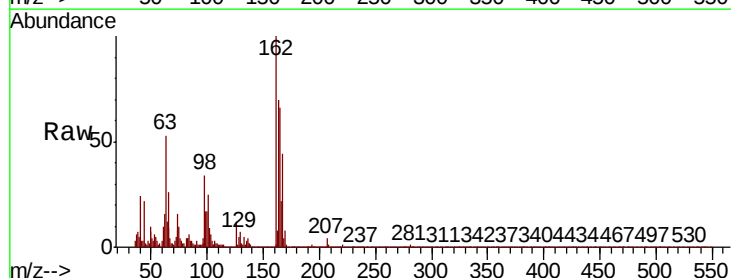
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-02

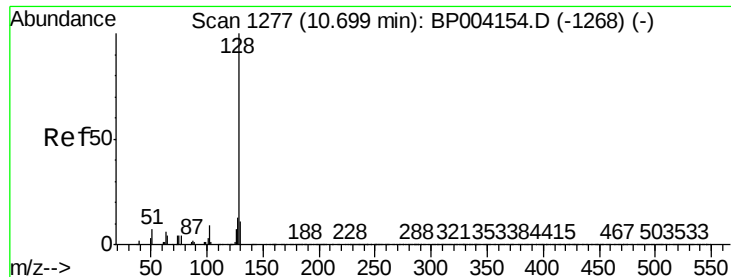
Tot Ion	Ratio	Lower	Upper
93	100		
95	34.2	27.0	40.4
123	11.3	8.8	13.2



#29
 2,4-Dichlorophenol
 Concen: 2.708 ng/ul
 RT: 10.29 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BP004158.D
 Acq: 05 Dec 2020 13:05

Tgt Ion	Ratio	Lower	Upper
162	100		
164	70.1	51.9	77.9
98	33.5	30.4	45.6





#30

Naphthalene

Concen: 2.873 ng/ul

RT: 10.70 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

Instrument :

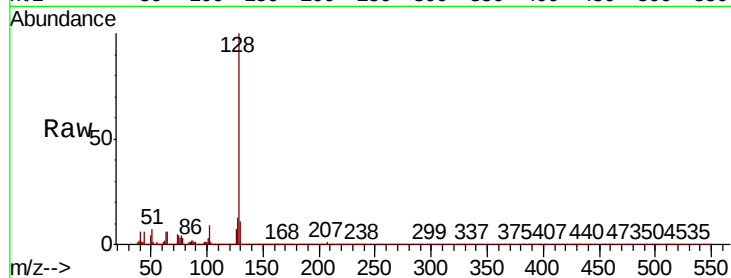
BNA_P

ClientSampleId :

MDL-SOIL-02

Tot Ion:128 Resp: 273540

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	12.9	10.4	15.6

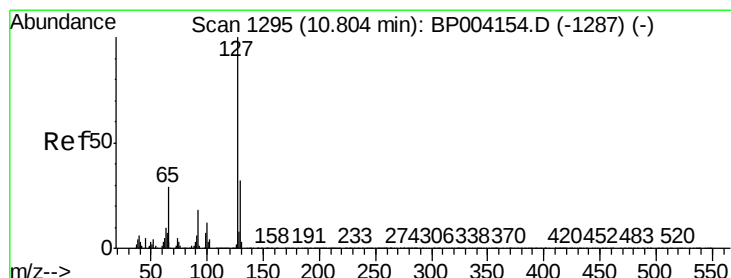
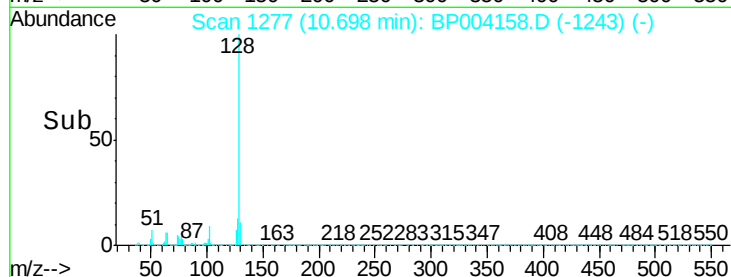
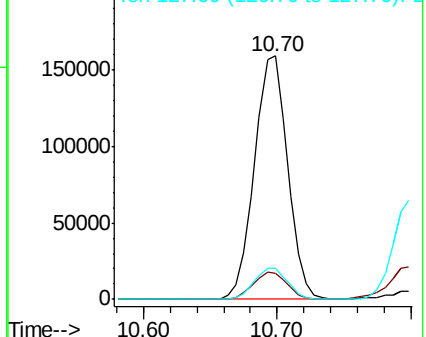


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

4-Chloroaniline

Concen: 2.838 ng/ul

RT: 10.80 min Scan# 1294

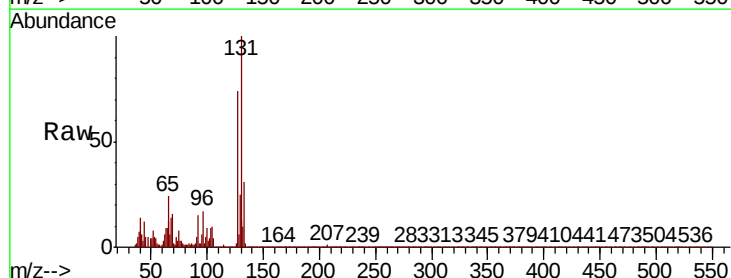
Delta R.T. -0.01 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

Tgt Ion:127 Resp: 110936

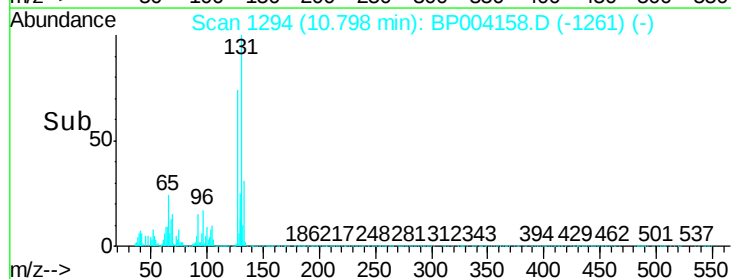
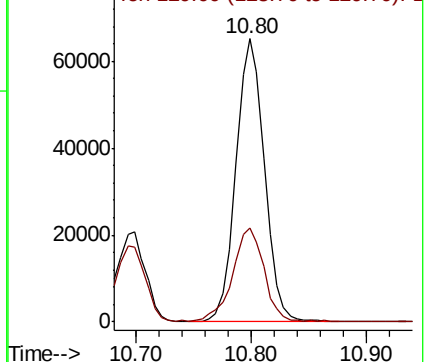
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.3	37.9

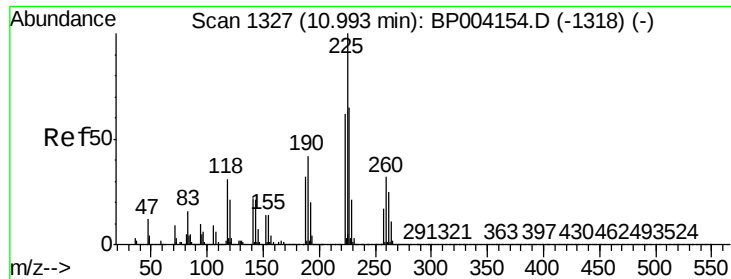


Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

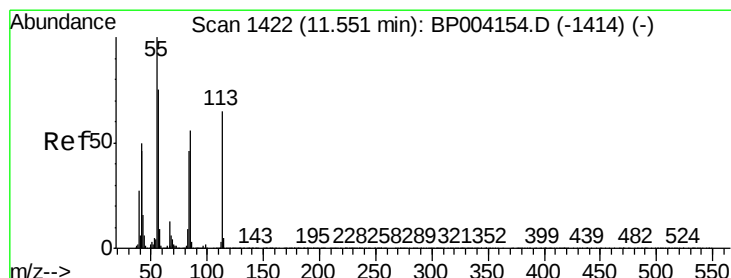
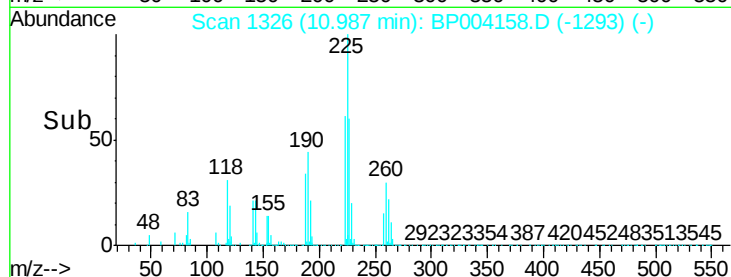
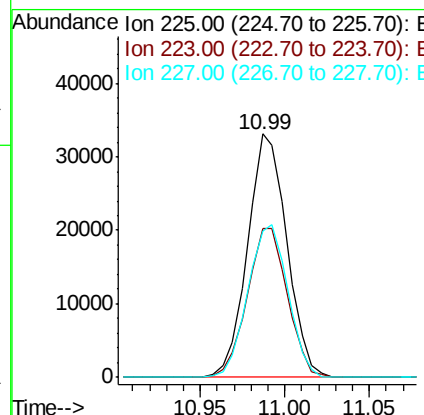
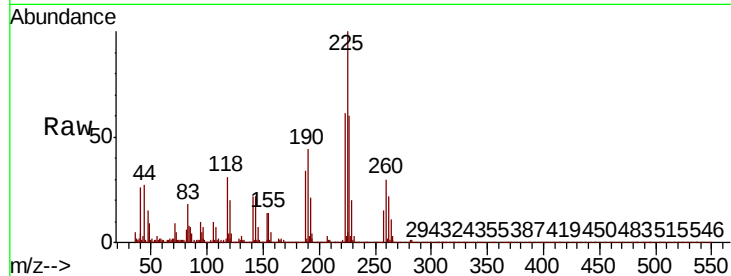




#33
Hexachlorobutadiene
Concen: 2.773 ng/ul
RT: 10.99 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BP004158.D
Acq: 05 Dec 2020 13:05

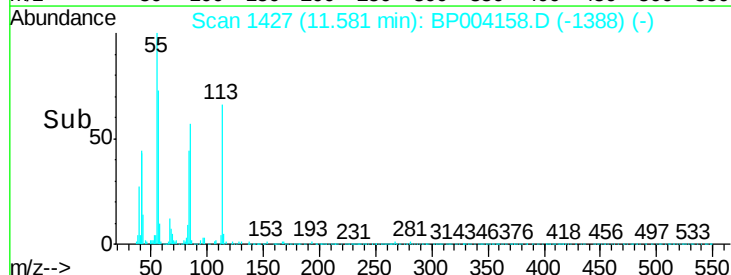
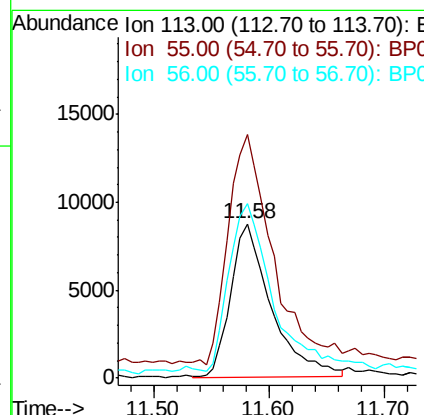
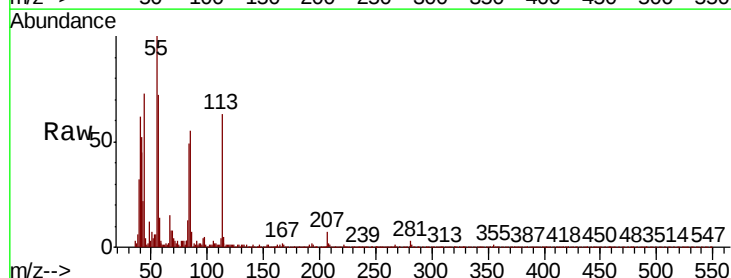
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-02

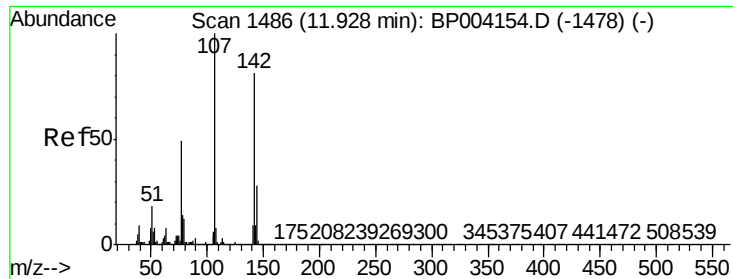
Tot Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.9	74.9
227	59.9	50.9	76.3



#34
Caprolactam
Concen: 2.155 ng/ul
RT: 11.58 min Scan# 1427
Delta R.T. 0.03 min
Lab File: BP004158.D
Acq: 05 Dec 2020 13:05

Tgt Ion	Ratio	Lower	Upper
113	100		
55	158.0	136.3	204.5
56	113.7	93.2	139.8

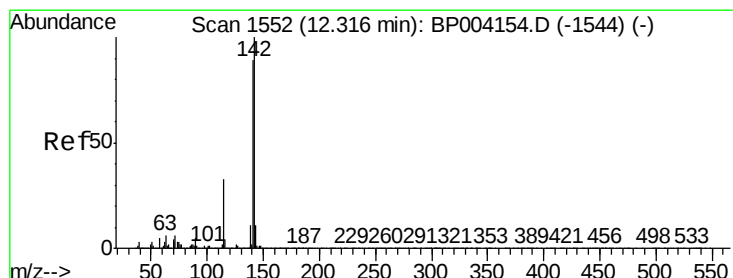
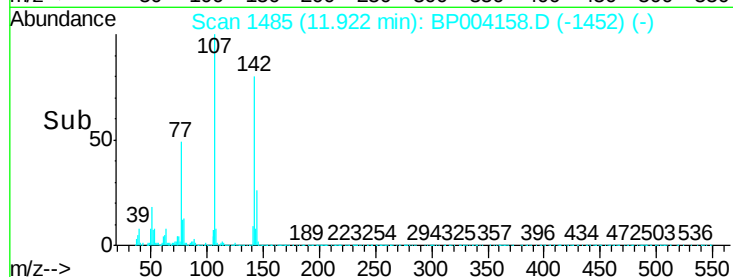
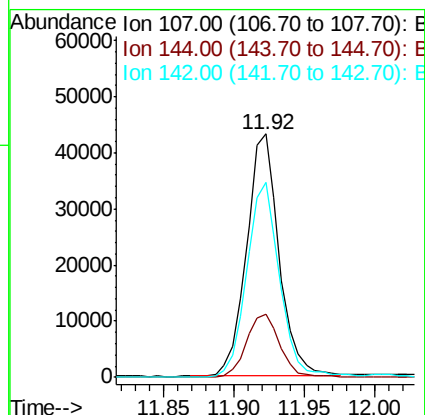
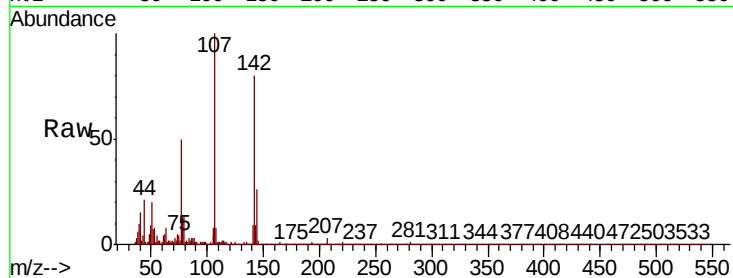




#35
 4-Chloro-3-methylphenol
 Concen: 2.331 ng/ul
 RT: 11.92 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BP004158.D
 Acq: 05 Dec 2020 13:05

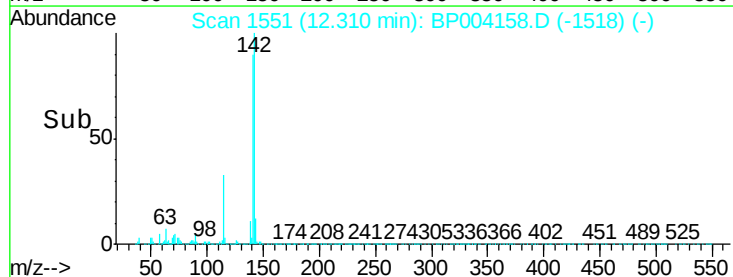
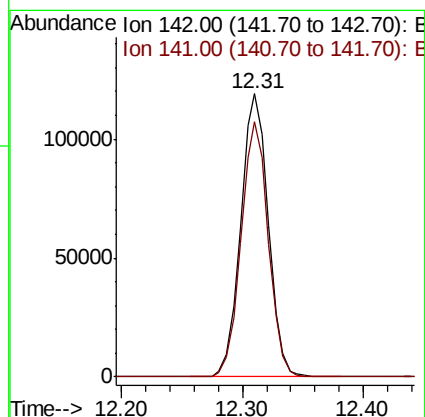
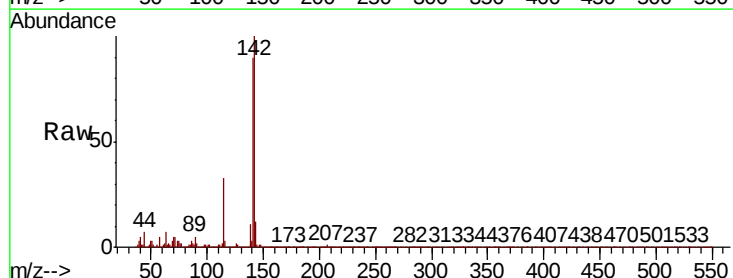
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-02

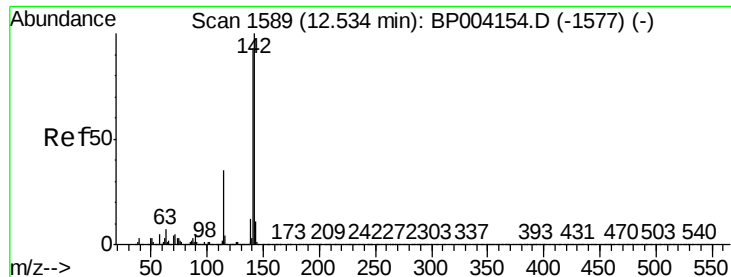
Tot Ion:107 Resp: 69728
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.1 30.1
 142 79.9 63.4 95.0



#36
 2-Methylnaphthalene
 Concen: 2.820 ng/ul
 RT: 12.31 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BP004158.D
 Acq: 05 Dec 2020 13:05

Tgt Ion:142 Resp: 189085
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.1 106.7





#37

1-Methylnaphthalene

Concen: 2.789 ng/ul

RT: 12.53 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-02

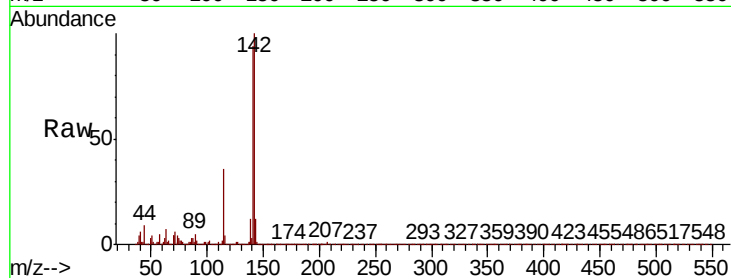
Tot Ion:142 Resp: 179781

Ion Ratio Lower Upper

142 100

141 94.3 74.6 112.0

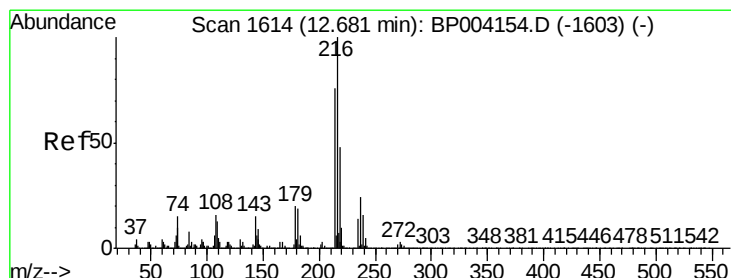
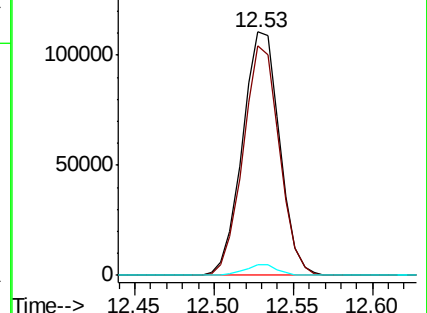
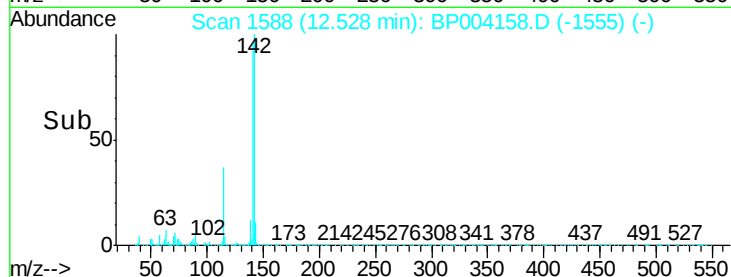
116 4.4 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.784 ng/ul

RT: 12.67 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

Tgt Ion:216 Resp: 102142

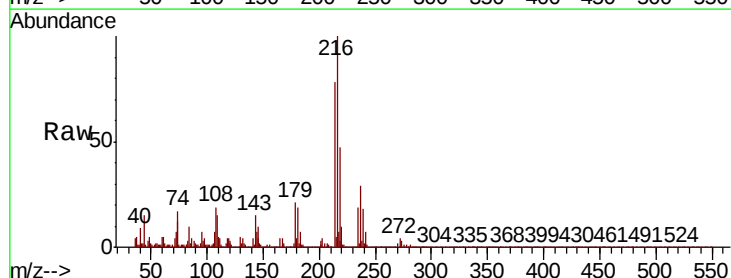
Ion Ratio Lower Upper

216 100

214 78.0 62.4 93.6

179 20.9 16.6 25.0

108 18.6 13.0 19.4

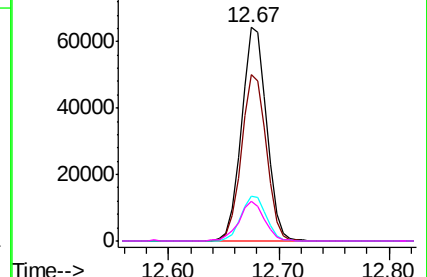
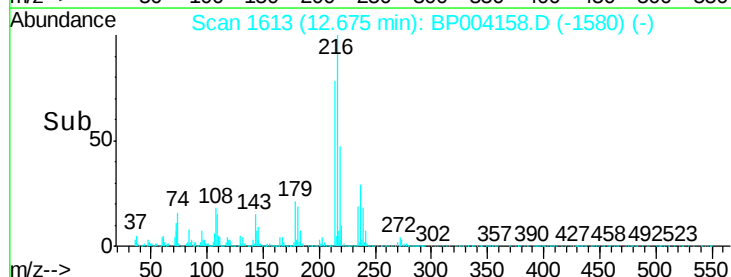


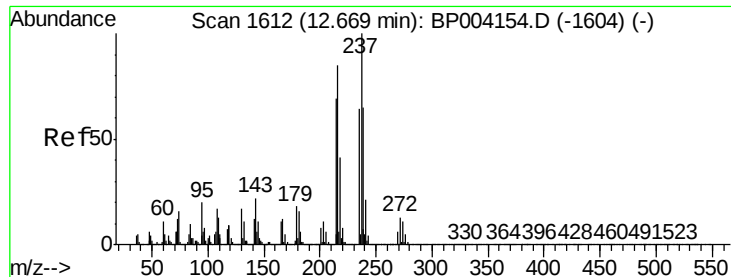
Abundance Ion 216.00 (215.70 to 216.70): E

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





#40

Hexachlorocyclopentadiene

Concen: 2.340 ng/ul

RT: 12.66 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-02

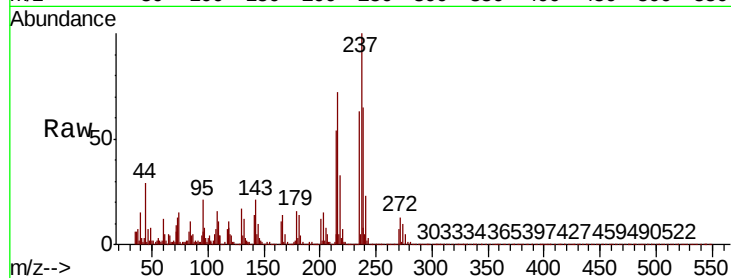
Tot Ion:237 Resp: 53671

Ion Ratio Lower Upper

237 100

235 62.7 50.6 75.8

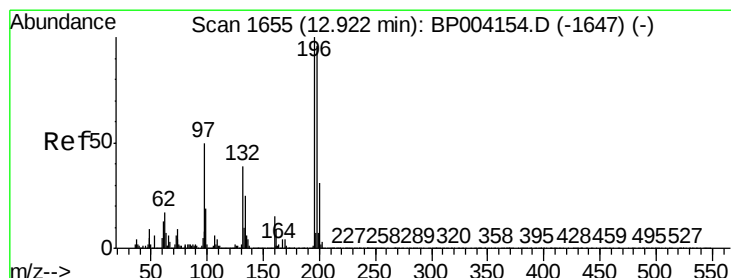
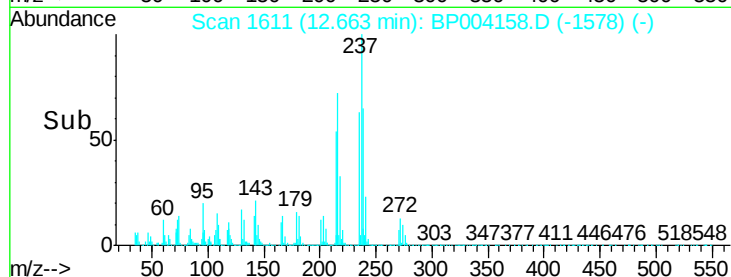
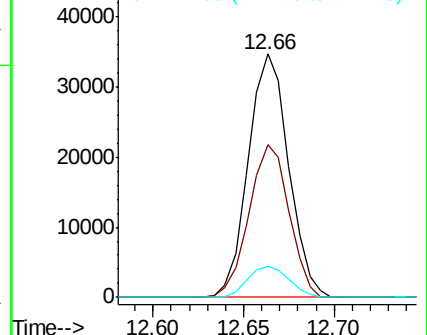
272 12.8 10.3 15.5



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#41

2,4,6-Trichlorophenol

Concen: 2.261 ng/ul

RT: 12.92 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

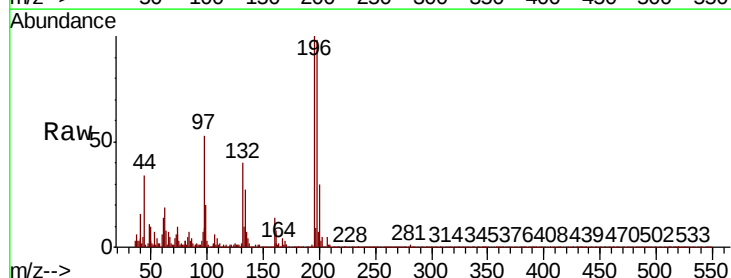
Tgt Ion:196 Resp: 47769

Ion Ratio Lower Upper

196 100

198 97.7 75.9 113.9

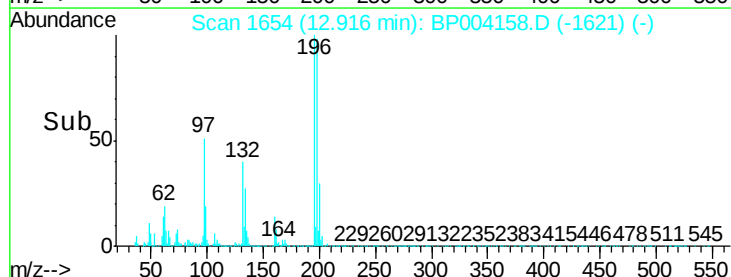
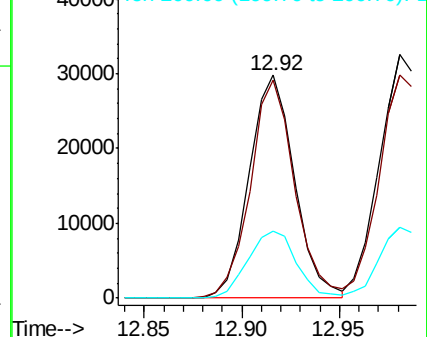
200 30.1 24.6 36.8

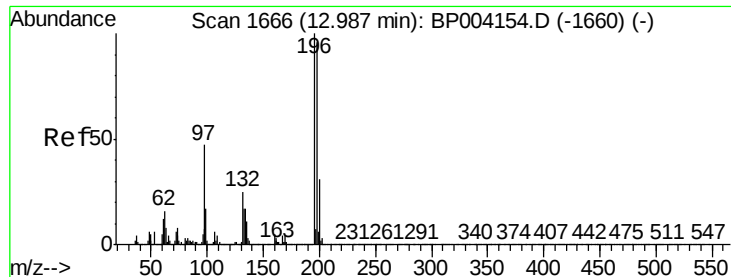


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

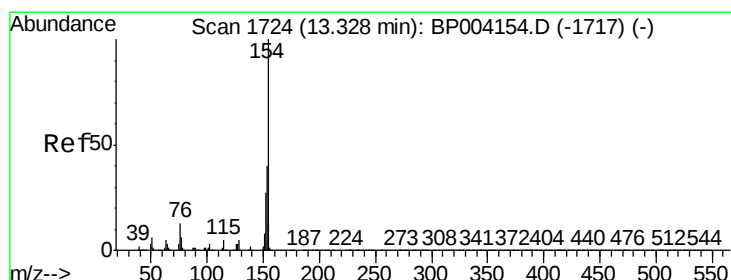
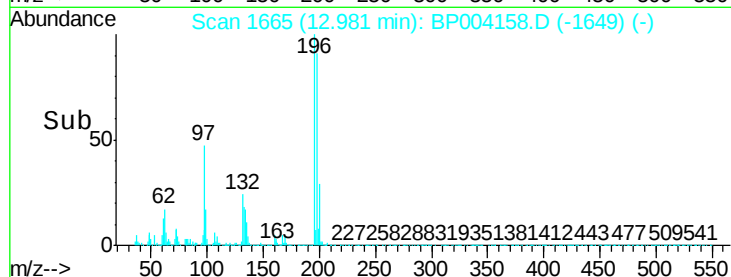
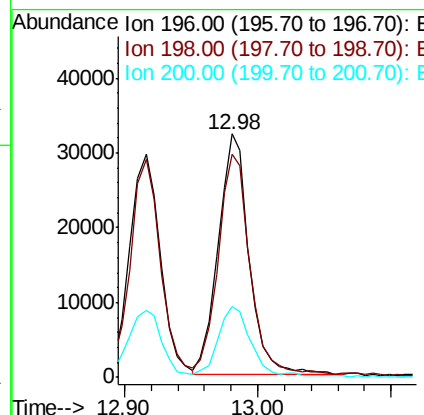
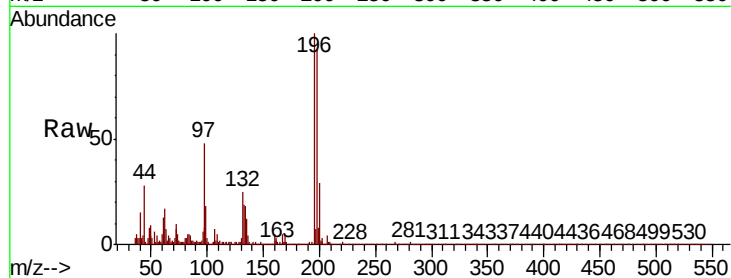




#42
 2,4,5-Trichlorophenol
 Concen: 2.283 ng/ul
 RT: 12.98 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BP004158.D
 Acq: 05 Dec 2020 13:05

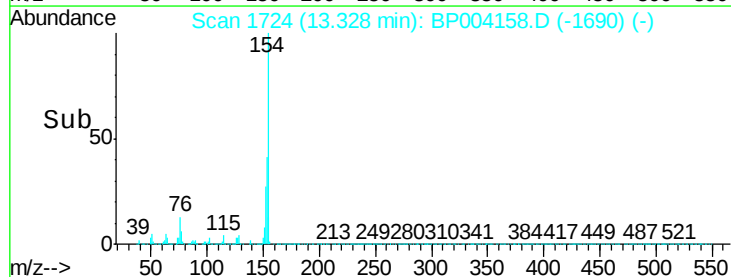
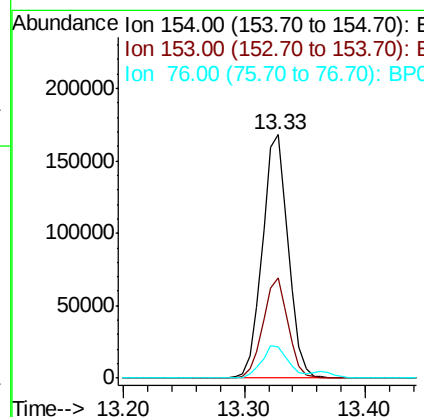
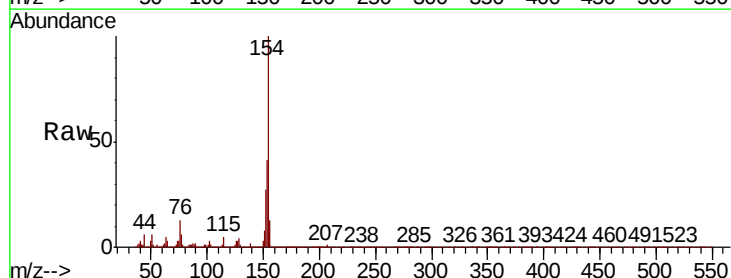
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-02

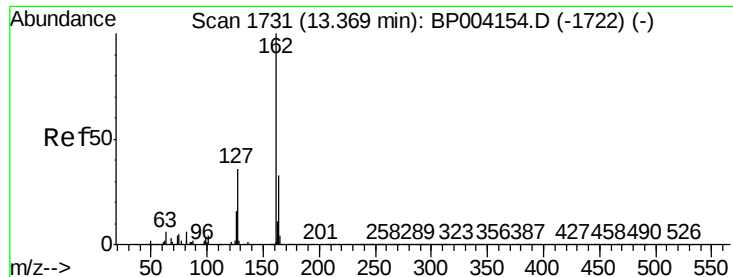
Tot Ion:196 Resp: 51941
 Ion Ratio Lower Upper
 196 100
 198 91.6 78.2 117.4
 200 29.1 25.1 37.7



#43
 1,1'-Biphenyl
 Concen: 2.872 ng/ul
 RT: 13.33 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BP004158.D
 Acq: 05 Dec 2020 13:05

Tgt Ion:154 Resp: 250942
 Ion Ratio Lower Upper
 154 100
 153 40.9 32.2 48.2
 76 12.5 10.8 16.2

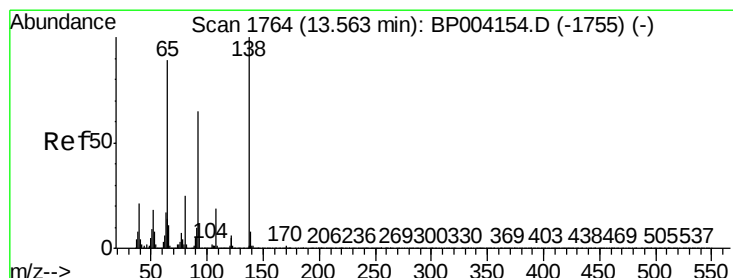
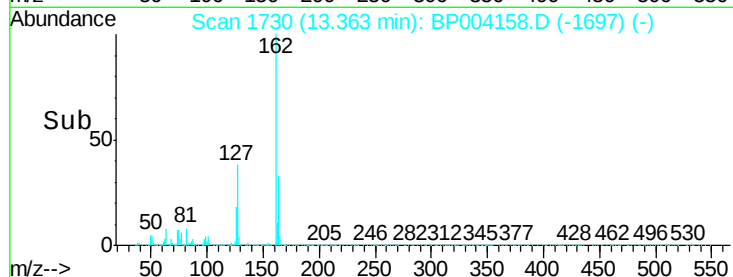
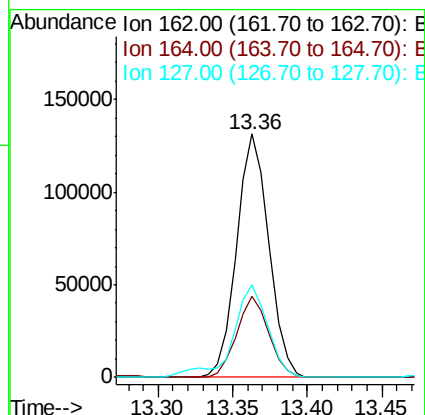
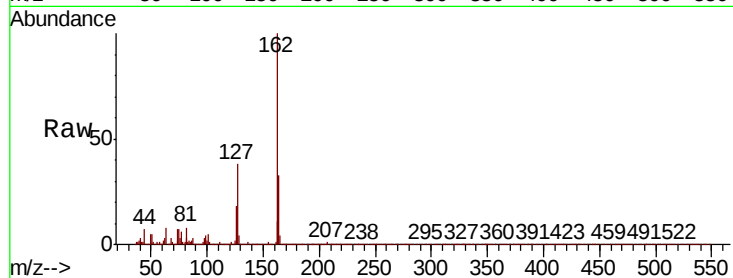




#44
2-Chloronaphthalene
Concen: 2.838 ng/ul
RT: 13.36 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP004158.D
Acq: 05 Dec 2020 13:05

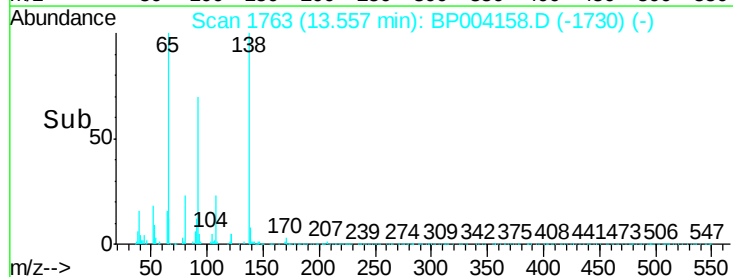
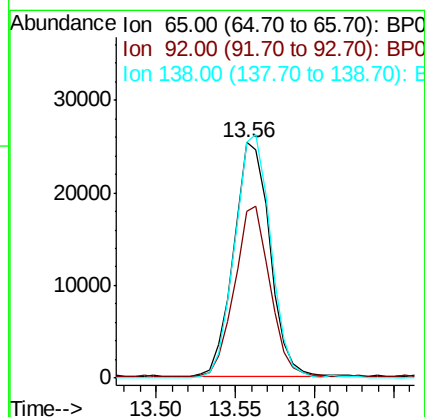
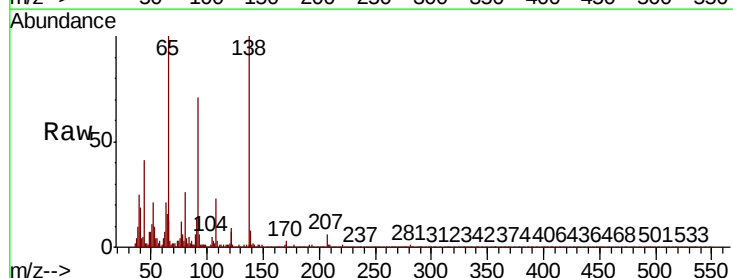
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-02

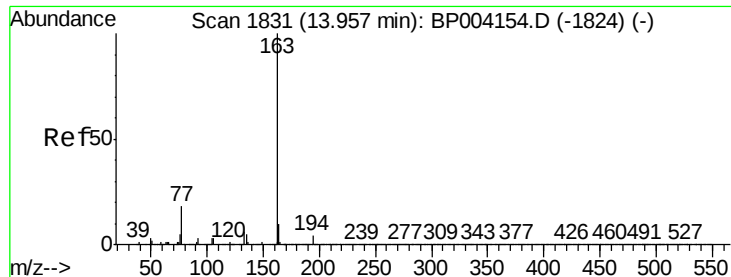
Tot Ion	Ratio	Lower	Upper
162	100		
164	33.4	26.2	39.4
127	37.9	30.4	45.6



#45
2-Nitroaniline
Concen: 2.369 ng/ul
RT: 13.56 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BP004158.D
Acq: 05 Dec 2020 13:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	59.4	89.2
138	100.0	89.6	134.4

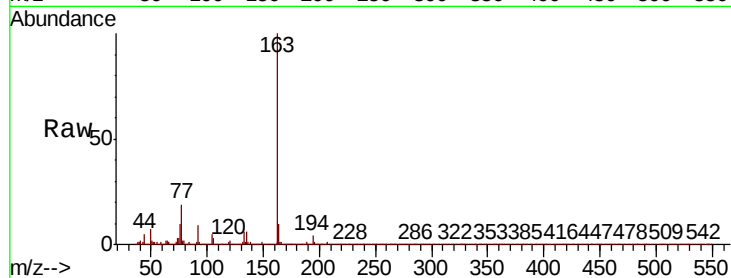




#47
Dimethylphthalate
Concen: 2.818 ng/ul
RT: 13.95 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BP004158.D
Acq: 05 Dec 2020 13:05

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.2	8.1	12.1

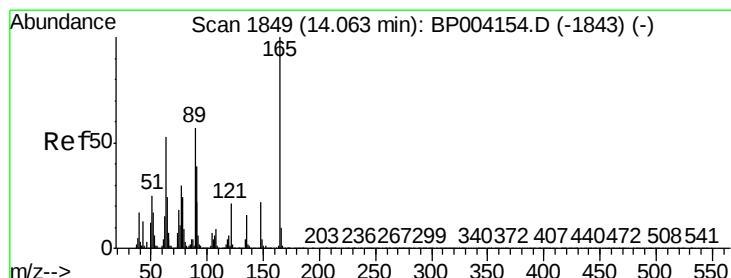
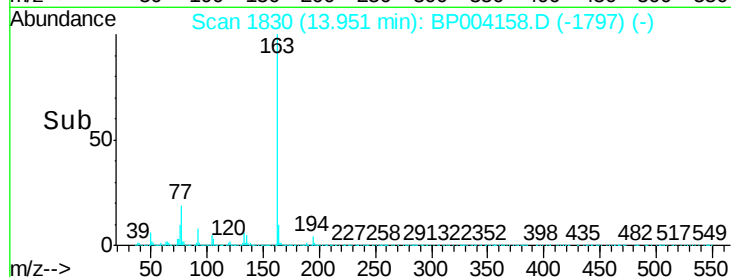
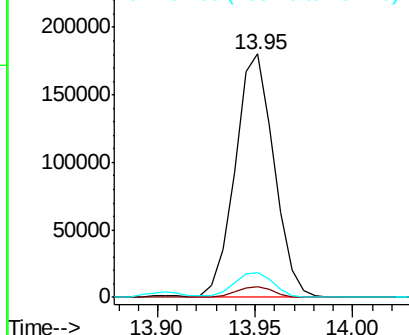


Abundance

Ion 163.00 (162.70 to 163.70): E

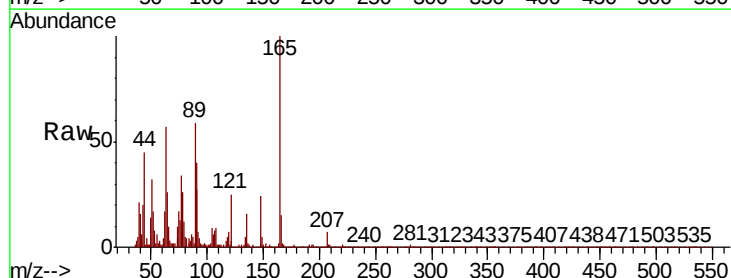
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2,6-Dinitrotoluene
Concen: 2.206 ng/ul
RT: 14.06 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BP004158.D
Acq: 05 Dec 2020 13:05

Tgt Ion	Ratio	Lower	Upper
165	100		
89	58.8	45.2	67.8
121	25.2	17.9	26.9

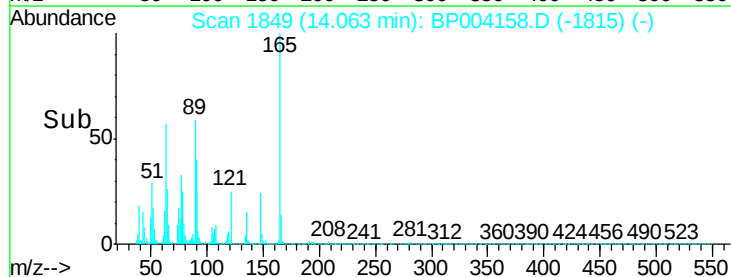
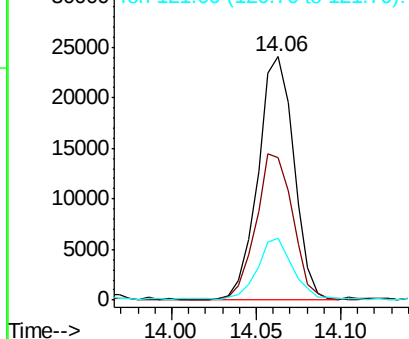


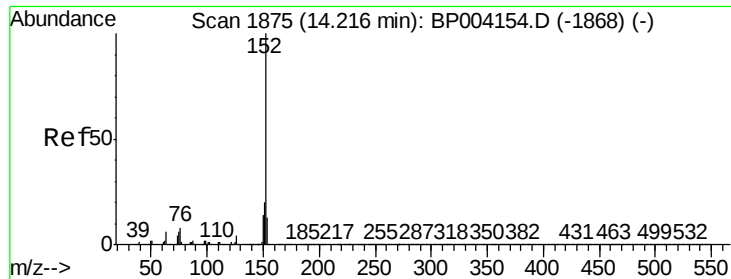
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BP0

Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthylene

Concen: 2.790 ng/ul

RT: 14.22 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-02

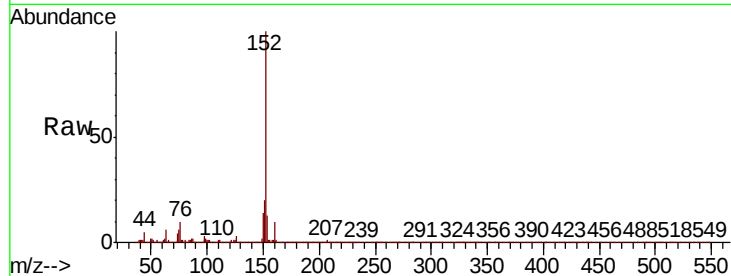
Tot Ion:152 Resp: 294803

Ion Ratio Lower Upper

152 100

151 20.5 16.1 24.1

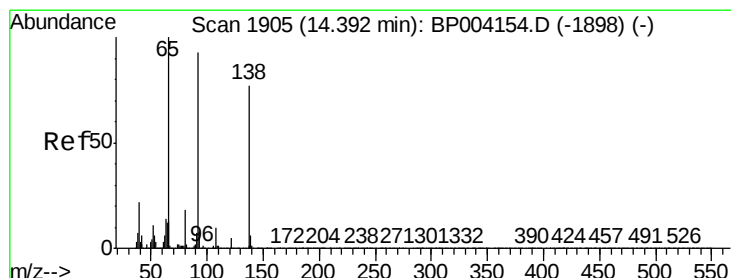
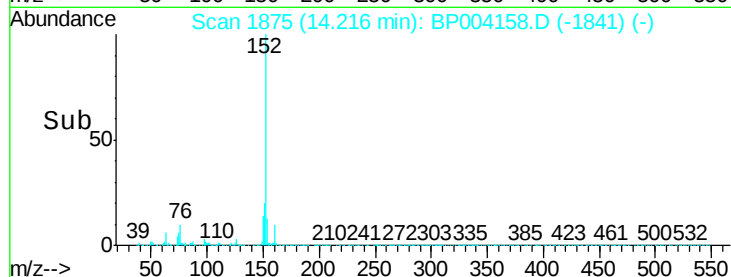
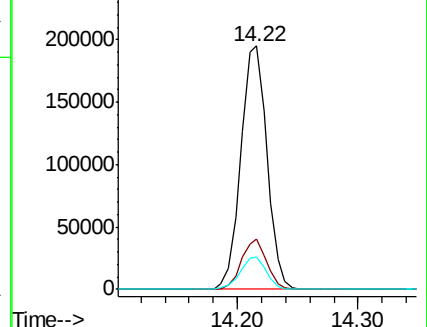
153 13.4 10.5 15.7



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



#51

3-Nitroaniline

Concen: 2.482 ng/ul

RT: 14.39 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

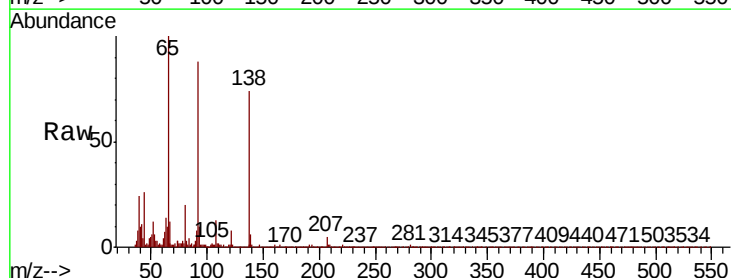
Tgt Ion:138 Resp: 37038

Ion Ratio Lower Upper

138 100

108 18.2 12.6 19.0

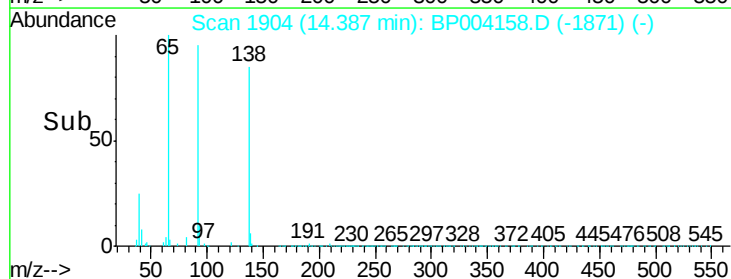
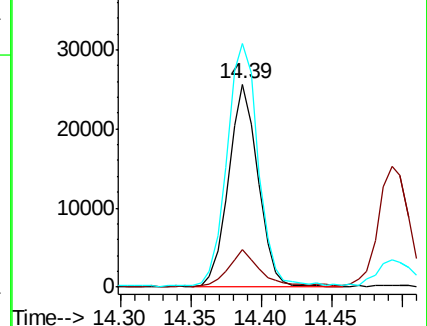
92 120.0 93.3 139.9

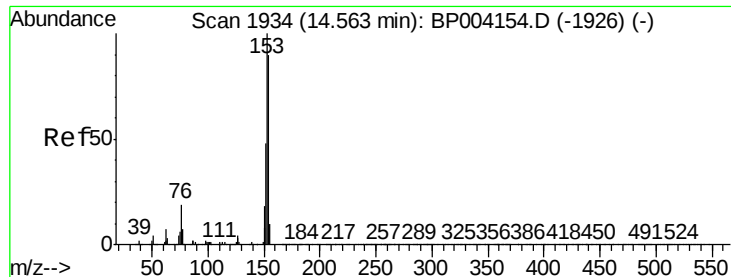


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BP0





#52

Acenaphthene

Concen: 2.753 ng/ul

RT: 14.56 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-02

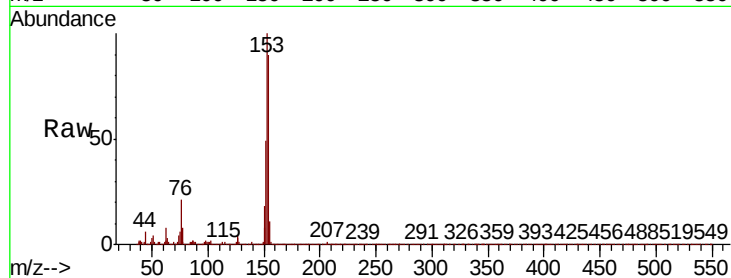
Tot Ion:153 Resp: 205215

Ion Ratio Lower Upper

153 100

152 48.8 38.0 57.0

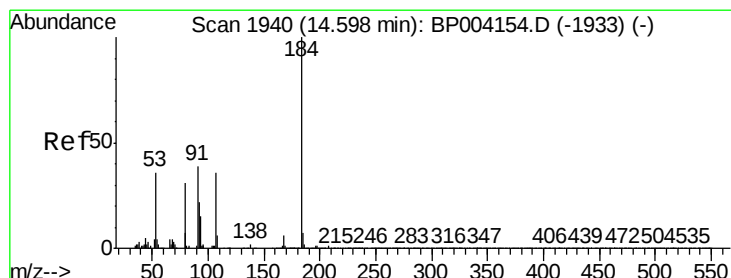
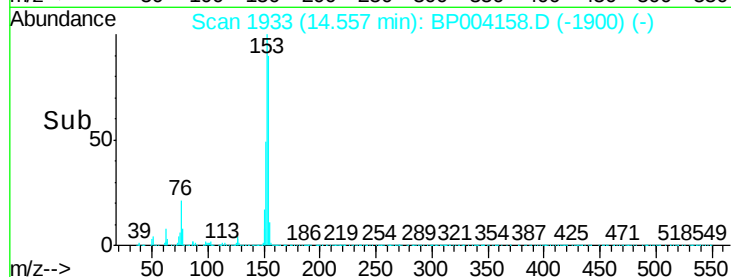
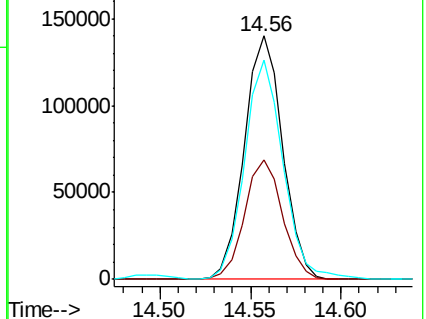
154 90.3 70.5 105.7



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

2,4-Dinitrophenol

Concen: 1.562 ng/ul

RT: 14.59 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

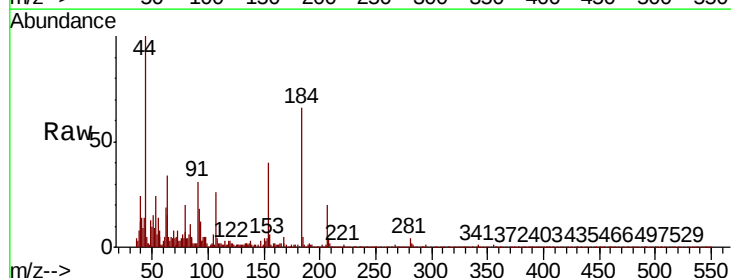
Tgt Ion:184 Resp: 9629

Ion Ratio Lower Upper

184 100

63 51.6 43.6 65.4

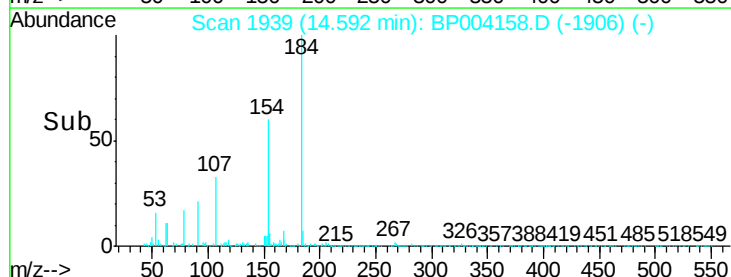
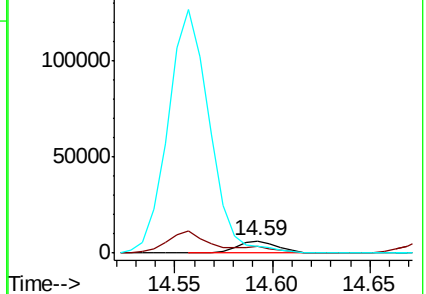
154 60.9 46.9 70.3

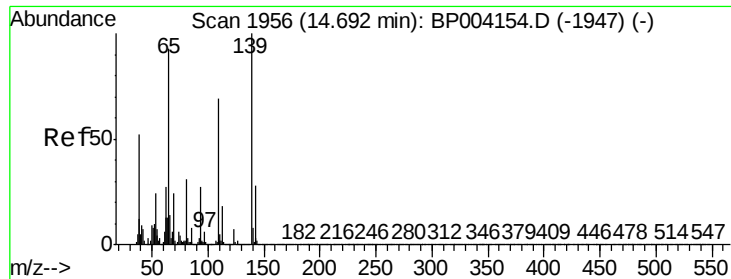


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

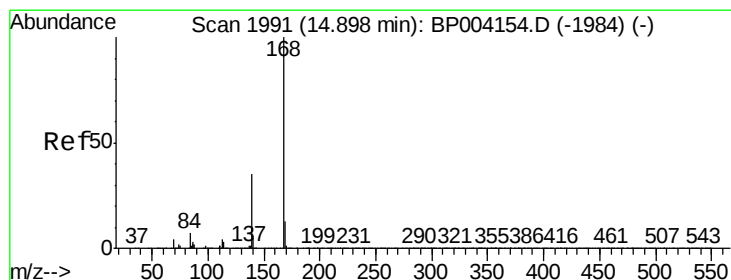
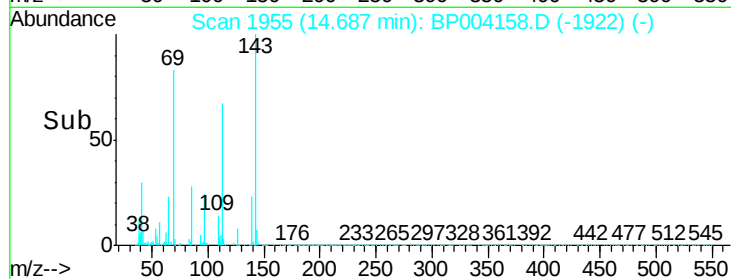
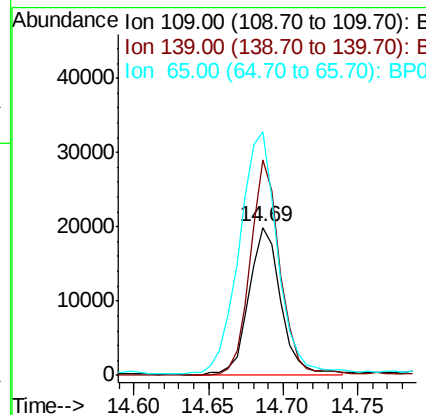
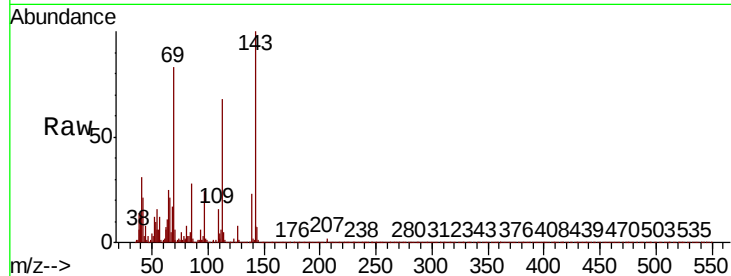




#55
4-Nitrophenol
Concen: 2.762 ng/ul
RT: 14.69 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BP004158.D
Acq: 05 Dec 2020 13:05

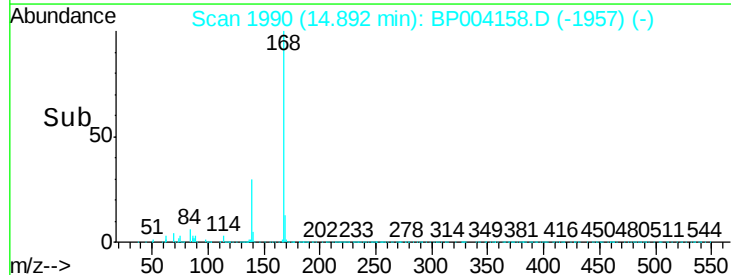
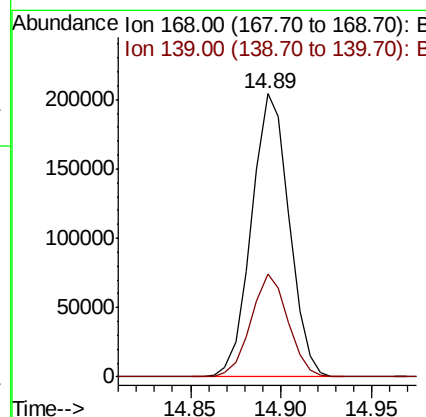
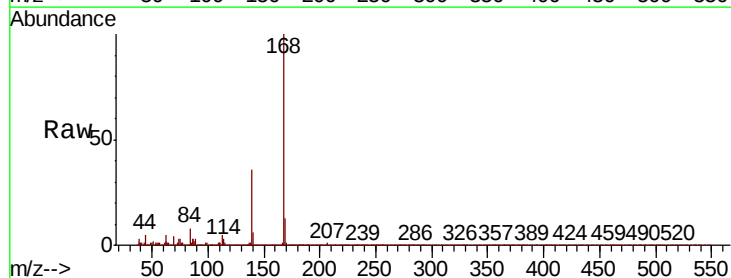
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-02

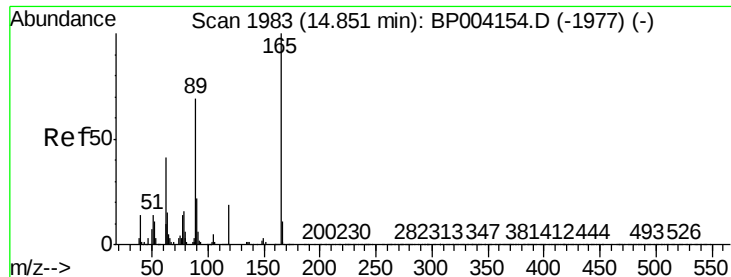
Tot Ion:109 Resp: 29507
Ion Ratio Lower Upper
109 100
139 145.8 111.9 167.9
65 164.3 99.2 148.8#



#56
Dibenzofuran
Concen: 2.851 ng/ul
RT: 14.89 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BP004158.D
Acq: 05 Dec 2020 13:05

Tgt Ion:168 Resp: 294550
Ion Ratio Lower Upper
168 100
139 36.3 28.6 42.8

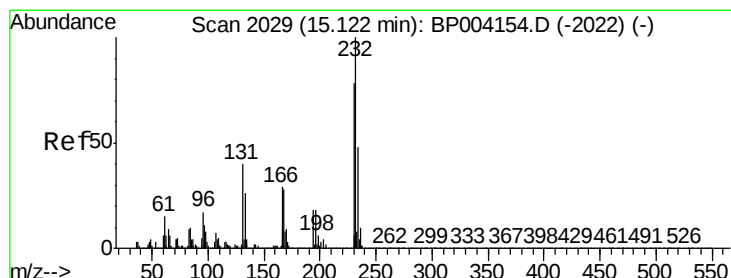
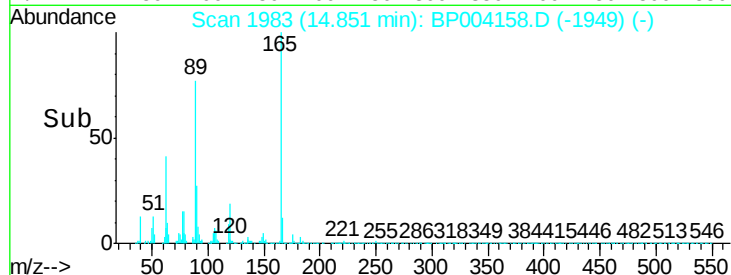
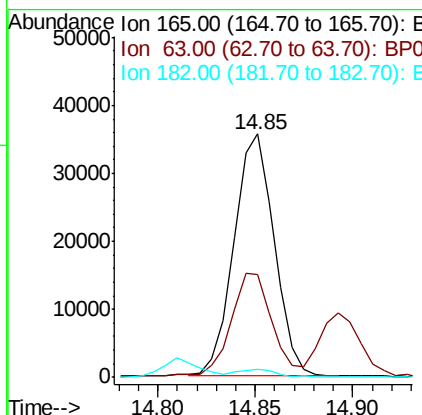
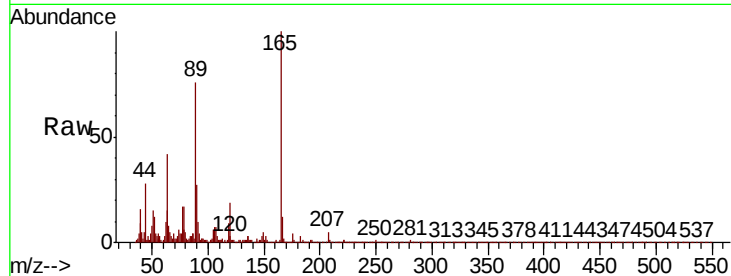




#57
 2,4-Dinitrotoluene
 Concen: 2.327 ng/ul
 RT: 14.85 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BP004158.D
 Acq: 05 Dec 2020 13:05

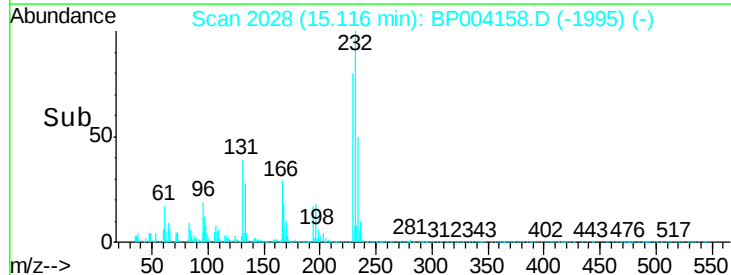
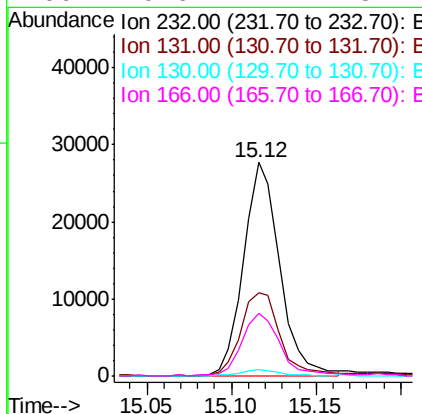
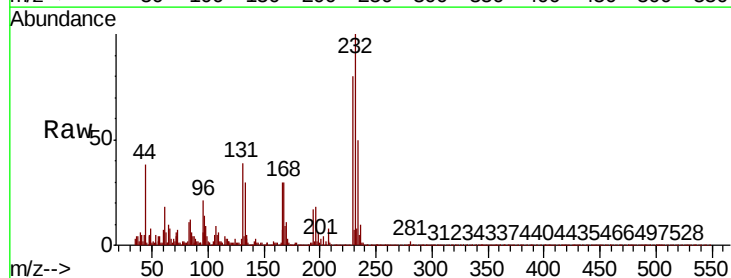
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-02

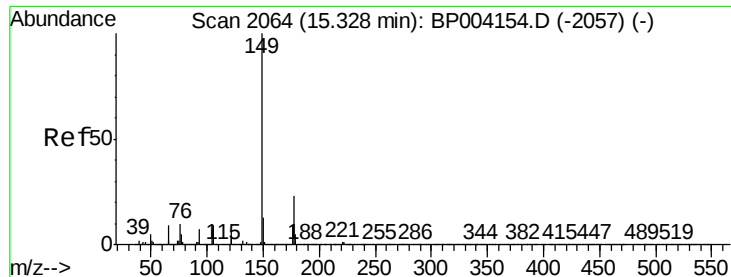
Tot Ion:165 Resp: 50814
 Ion Ratio Lower Upper
 165 100
 63 42.0 32.1 48.1
 182 3.1 2.4 3.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.232 ng/ul
 RT: 15.12 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BP004158.D
 Acq: 05 Dec 2020 13:05

Tgt Ion:232 Resp: 41415
 Ion Ratio Lower Upper
 232 100
 131 38.7 31.5 47.3
 130 3.1 1.7 2.5#
 166 29.6 22.7 34.1





#59

Diethylphthalate

Concen: 2.687 ng/ul

RT: 15.32 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-02

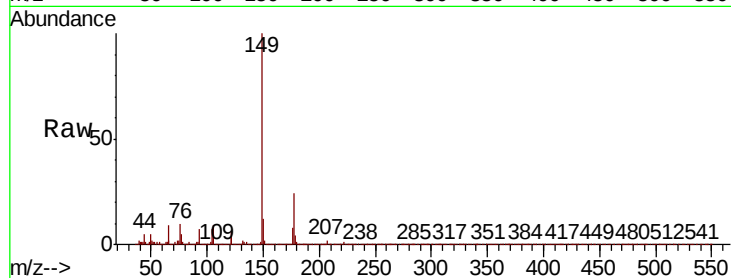
Tot Ion:149 Resp: 238878

Ion Ratio Lower Upper

149 100

177 23.6 18.5 27.7

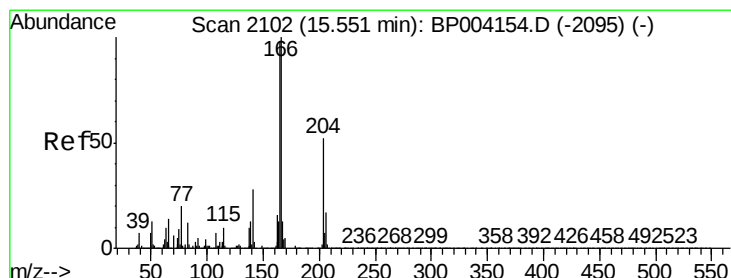
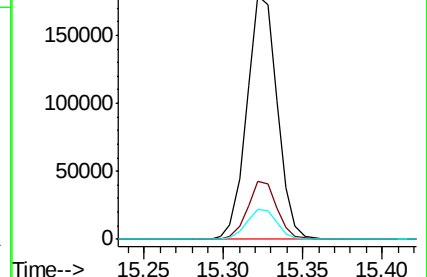
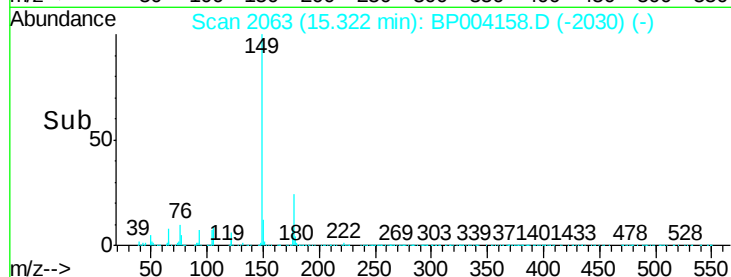
150 12.0 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

Fluorene

Concen: 2.799 ng/ul

RT: 15.55 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

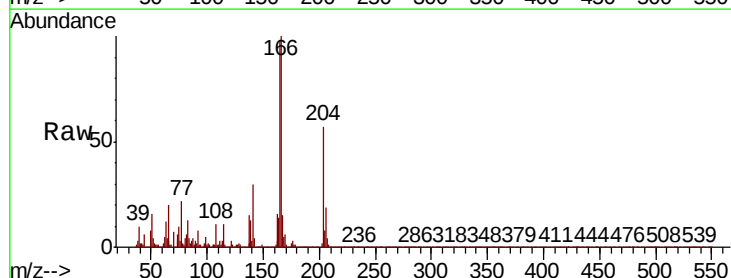
Tgt Ion:166 Resp: 239971

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.6

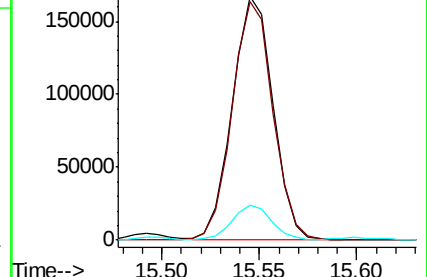
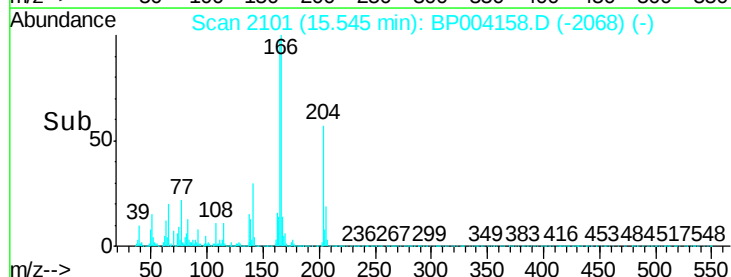
167 14.5 11.0 16.4

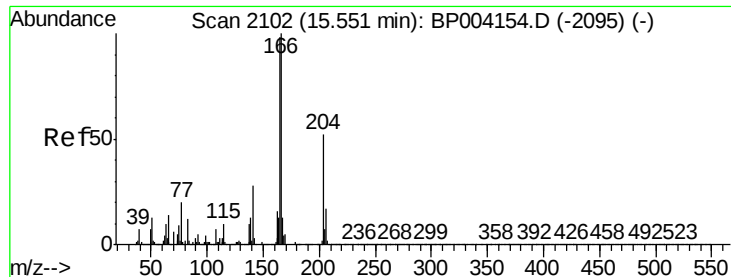


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

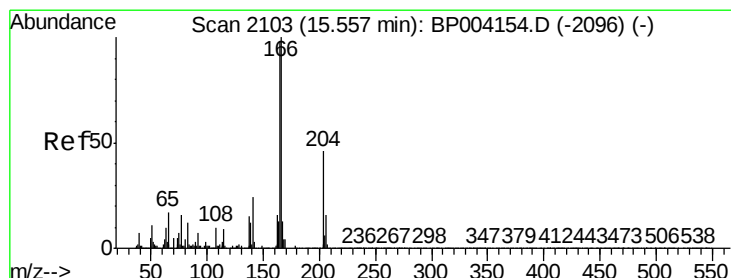
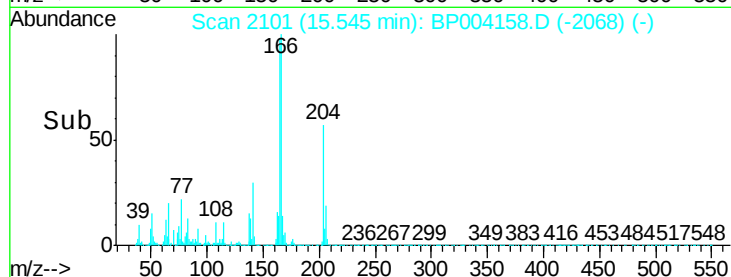
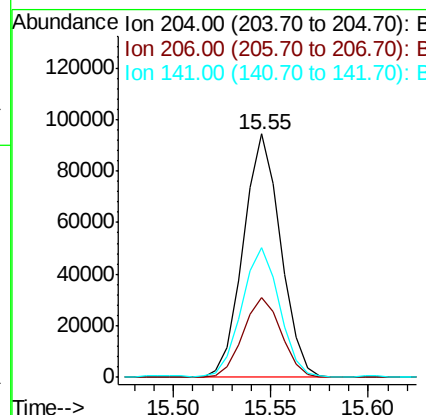
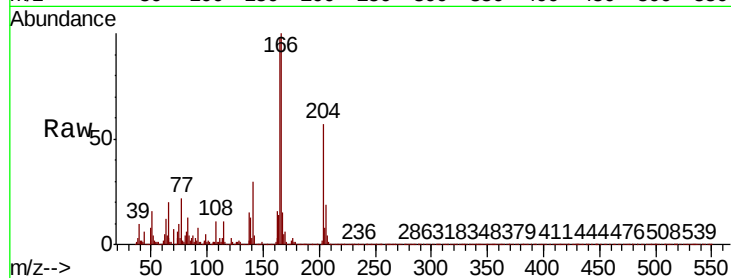




#62
4-Chlorophenyl-phenylether
Concen: 2.798 ng/ul
RT: 15.55 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BP004158.D
Acq: 05 Dec 2020 13:05

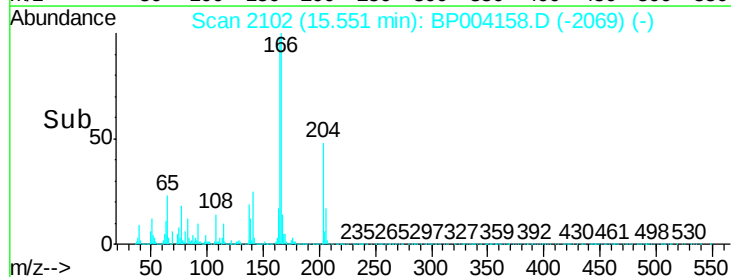
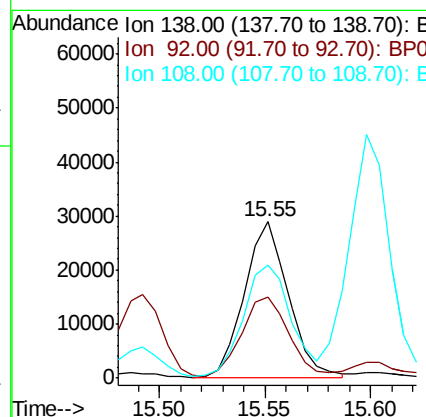
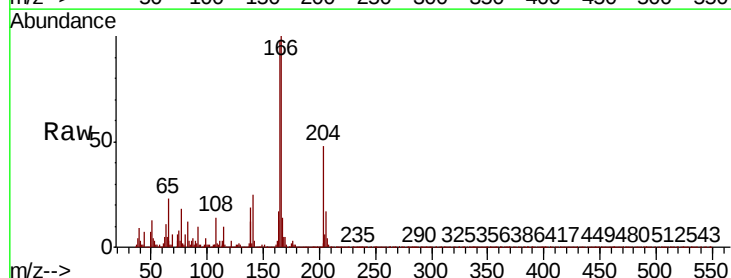
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-02

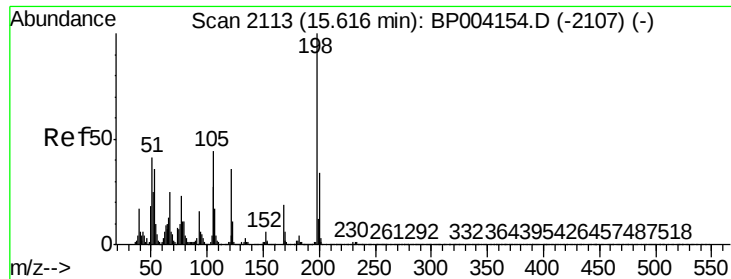
Tot Ion:204 Resp: 125131
Ion Ratio Lower Upper
204 100
206 33.0 26.7 40.1
141 53.1 42.2 63.2



#63
4-Nitroaniline
Concen: 2.934 ng/ul
RT: 15.55 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BP004158.D
Acq: 05 Dec 2020 13:05

Tgt Ion:138 Resp: 41387
Ion Ratio Lower Upper
138 100
92 51.9 42.3 63.5
108 72.7 60.2 90.2

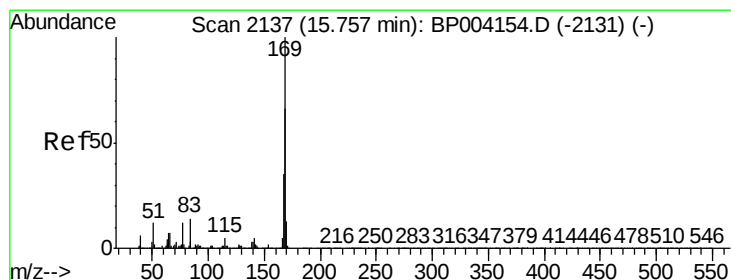
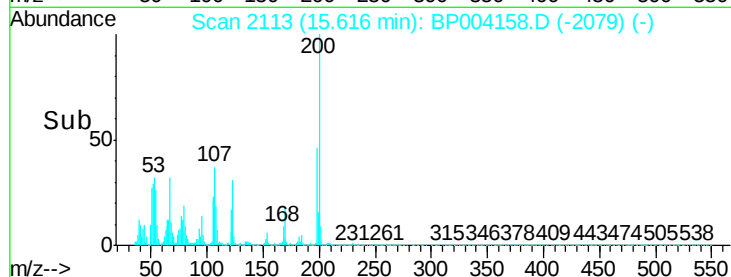
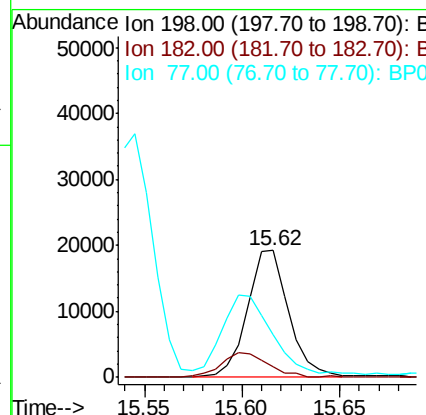
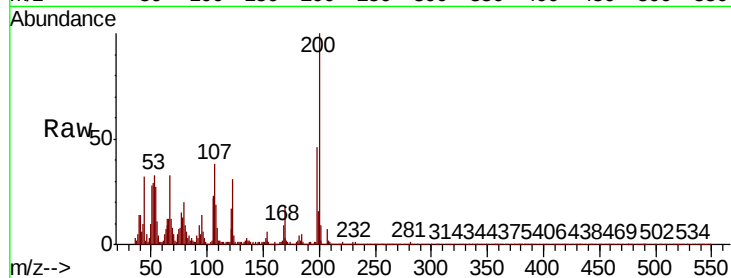




#66
 4,6-Dinitro-2-methylphenol
 Concen: 2.598 ng/ul
 RT: 15.62 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: BP004158.D
 Acq: 05 Dec 2020 13:05

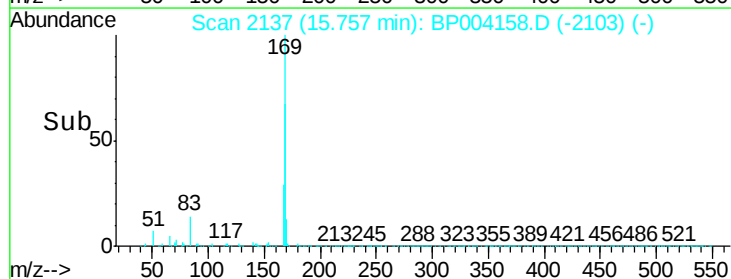
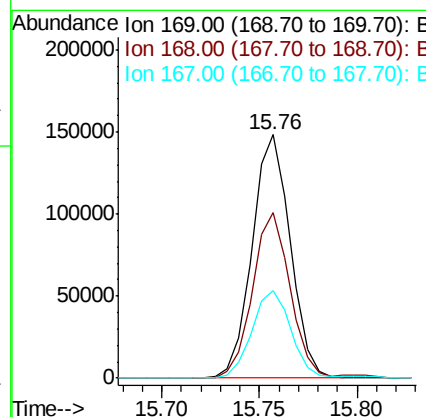
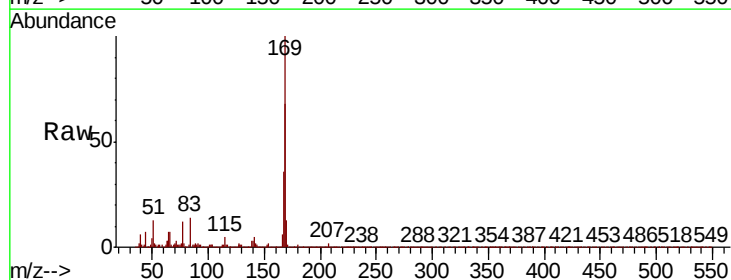
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-02

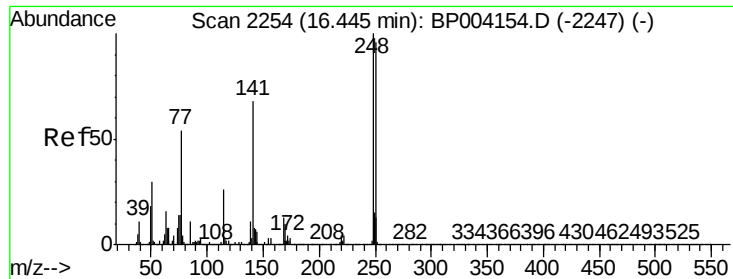
Tot Ion:198 Resp: 28385
 Ion Ratio Lower Upper
 198 100
 182 8.7 3.8 5.6#
 77 33.5 19.7 29.5#



#67
 N-Nitrosodiphenylamine
 Concen: 2.697 ng/ul
 RT: 15.76 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: BP004158.D
 Acq: 05 Dec 2020 13:05

Tgt Ion:169 Resp: 200037
 Ion Ratio Lower Upper
 169 100
 168 67.8 52.7 79.1
 167 36.0 28.2 42.2

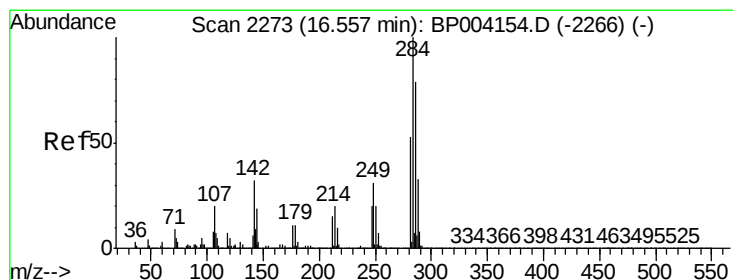
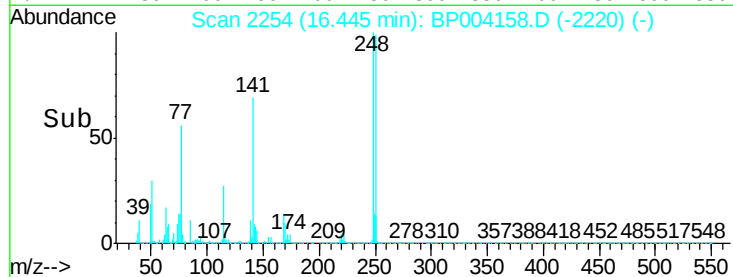
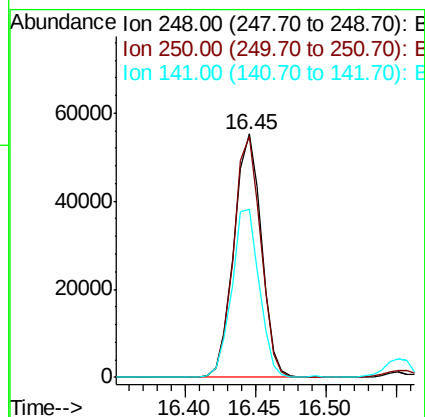
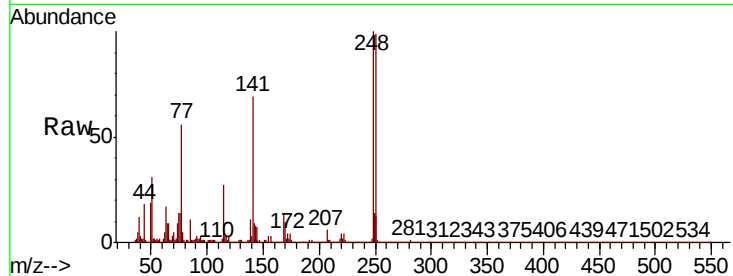




#68
4-Bromophenyl-phenylether
Concen: 2.603 ng/ul
RT: 16.45 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BP004158.D
Acq: 05 Dec 2020 13:05

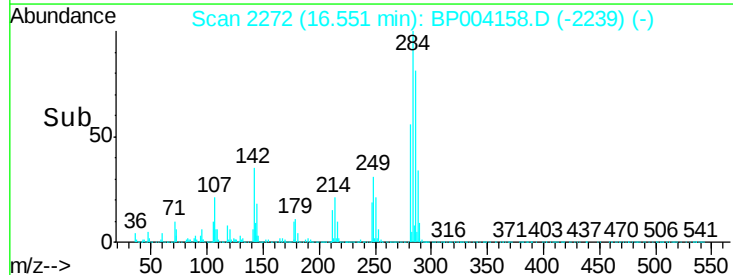
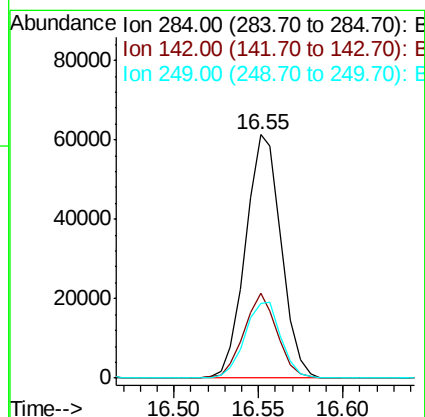
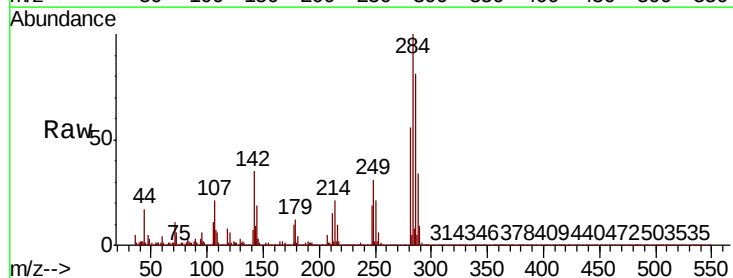
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-02

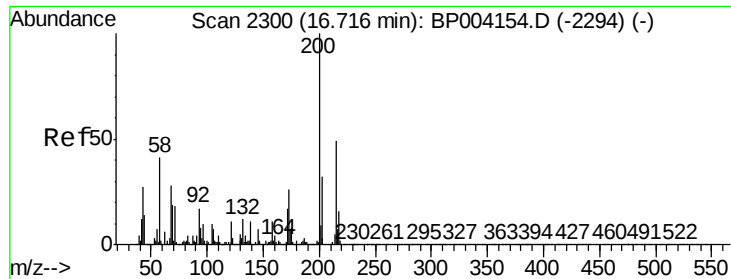
Tot Ion:248 Resp: 75096
Ion Ratio Lower Upper
248 100
250 99.1 75.5 113.3
141 68.9 53.2 79.8



#69
Hexachlorobenzene
Concen: 2.794 ng/ul
RT: 16.55 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP004158.D
Acq: 05 Dec 2020 13:05

Tgt Ion:284 Resp: 89862
Ion Ratio Lower Upper
284 100
142 34.7 25.4 38.0
249 30.7 25.4 38.2





#70

Atrazine

Concen: 2.380 ng/ul

RT: 16.71 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-02

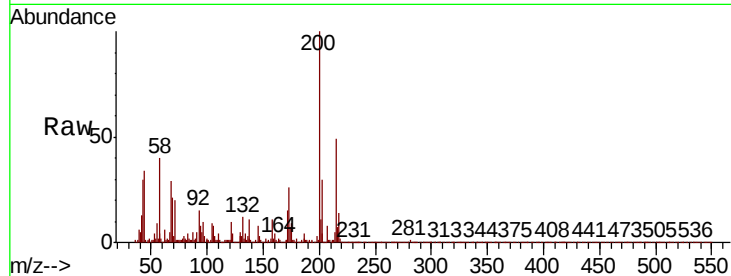
Tot Ion:200 Resp: 68953

Ion Ratio Lower Upper

200 100

173 26.3 21.4 32.0

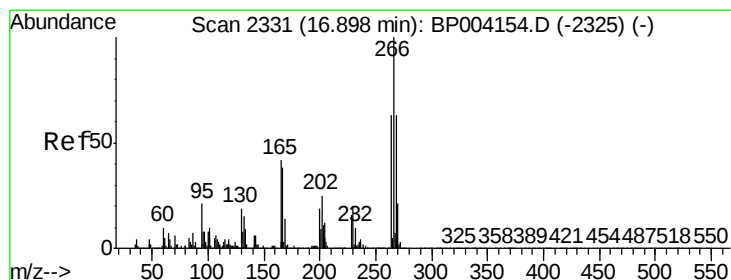
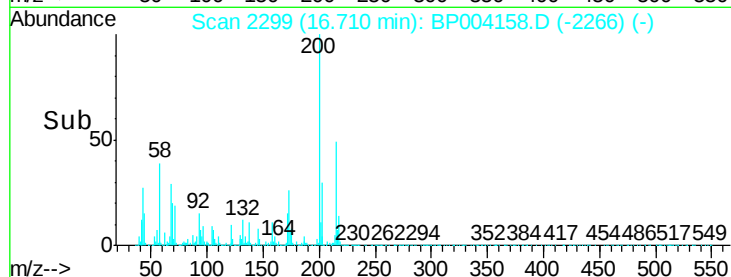
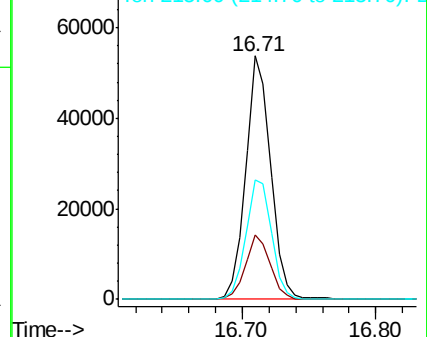
215 49.0 39.9 59.9



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



#71

Pentachlorophenol

Concen: 1.934 ng/ul

RT: 16.89 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

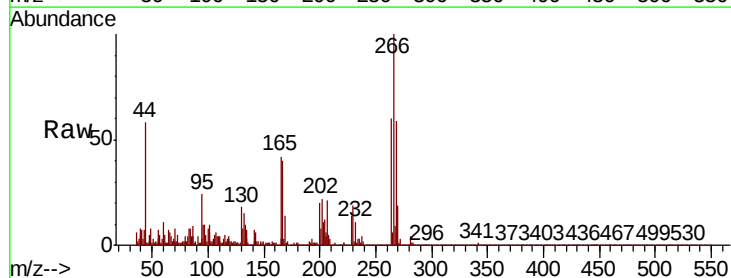
Tgt Ion:266 Resp: 29714

Ion Ratio Lower Upper

266 100

264 59.7 49.2 73.8

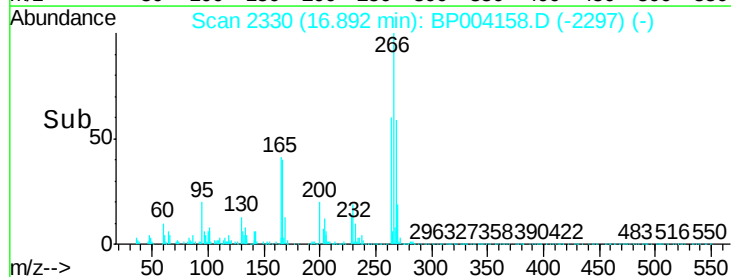
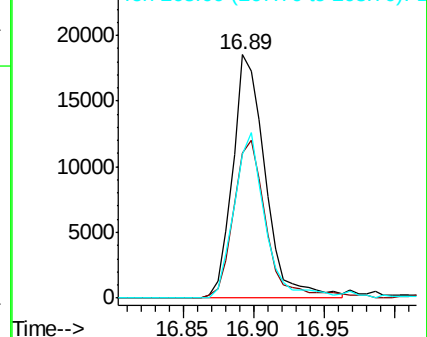
268 59.2 50.0 75.0

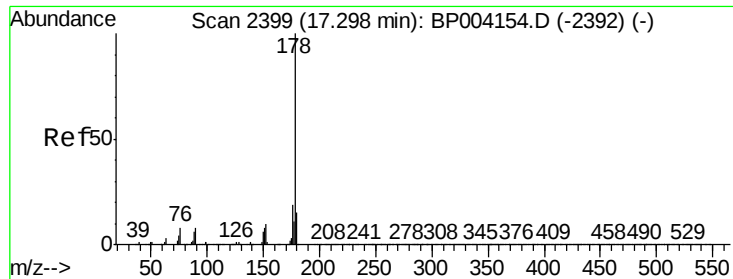


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#72

Phenanthrene

Concen: 2.836 ng/ul

RT: 17.29 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-02

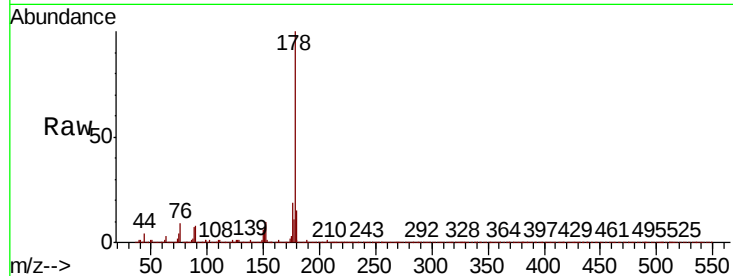
Tot Ion:178 Resp: 393192

Ion Ratio Lower Upper

178 100

179 14.8 12.1 18.1

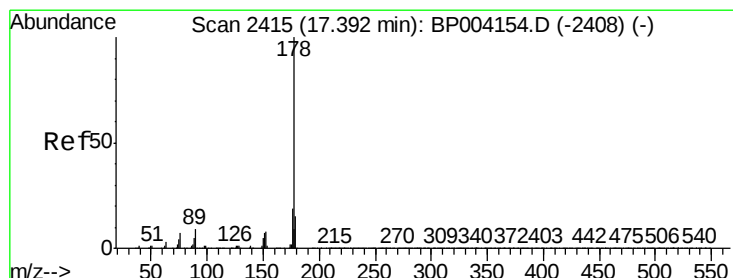
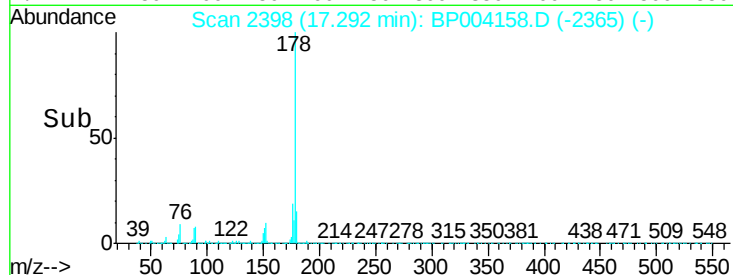
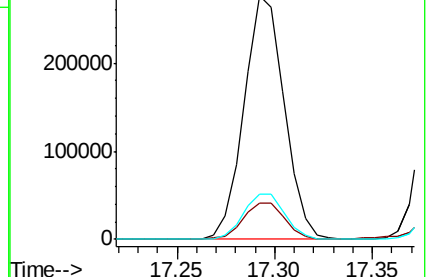
176 18.8 15.4 23.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Anthracene

Concen: 2.810 ng/ul

RT: 17.39 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

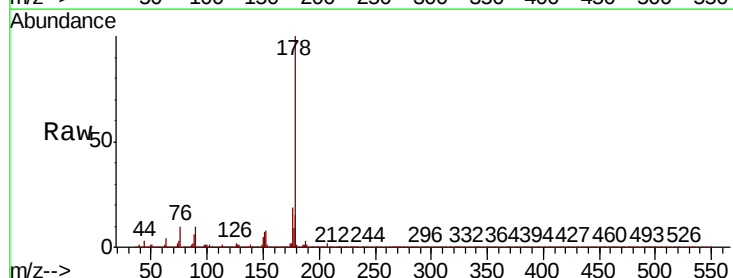
Tgt Ion:178 Resp: 396867

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

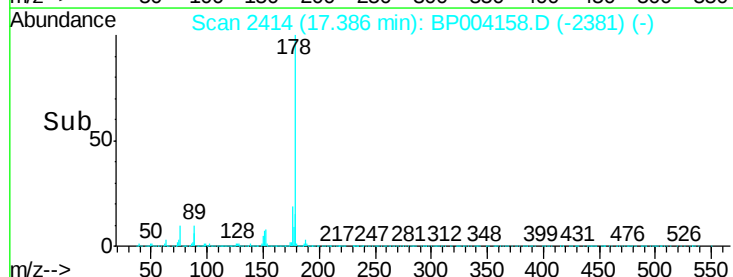
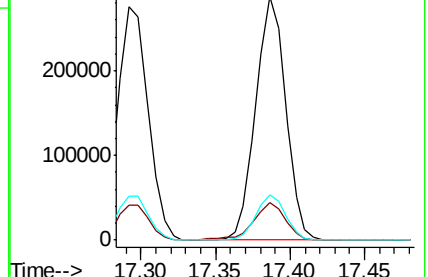
176 18.6 14.6 22.0

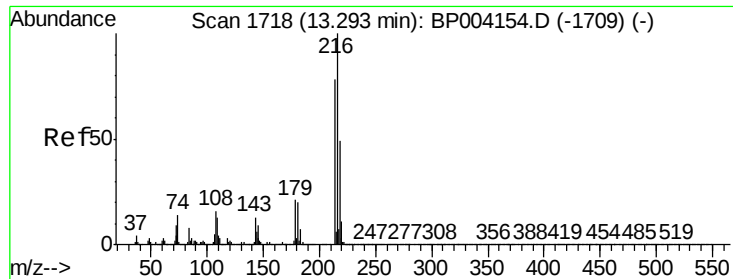


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

1,2,3,4-Tetrachlorobenzene

Concen: 2.756 ng/uL

RT: 13.29 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-02

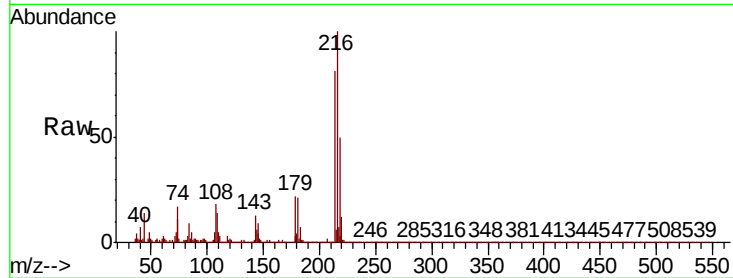
Tot Ion:216 Resp: 100827

Ion Ratio Lower Upper

216 100

214 80.6 62.5 93.7

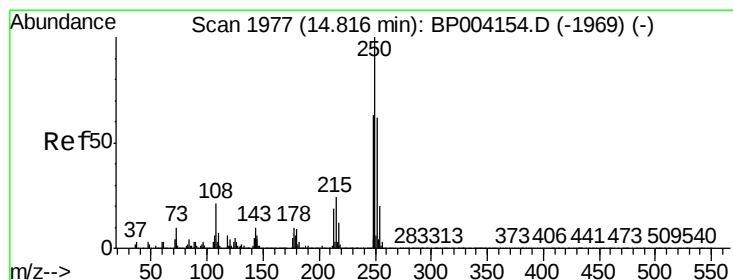
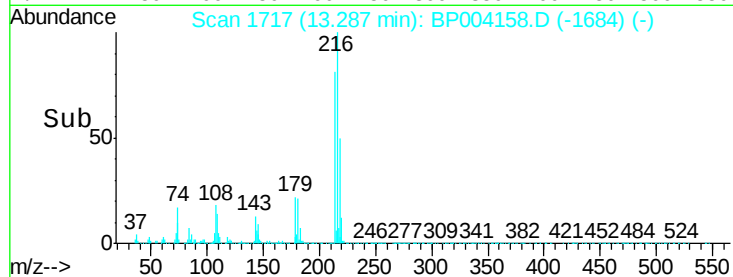
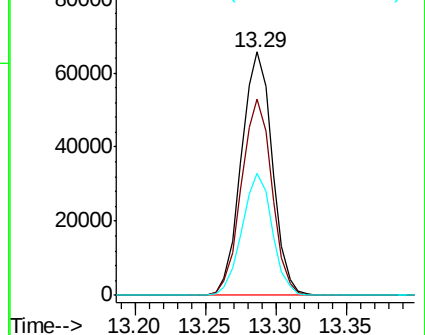
218 50.3 38.3 57.5



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#76

Pentachlorobenzene

Concen: 2.731 ng/uL

RT: 14.82 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

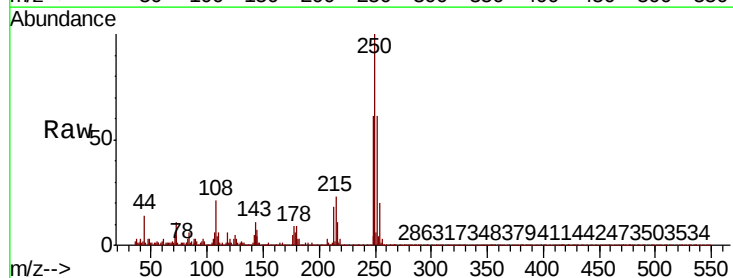
Tgt Ion:250 Resp: 100979

Ion Ratio Lower Upper

250 100

248 61.2 50.5 75.7

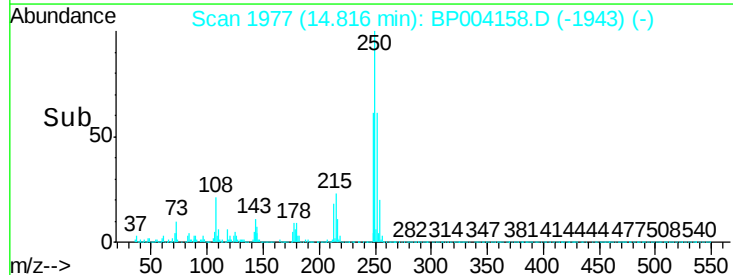
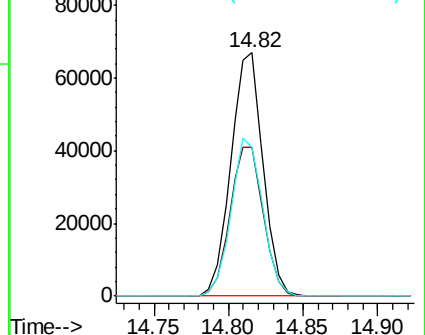
252 61.2 50.4 75.6

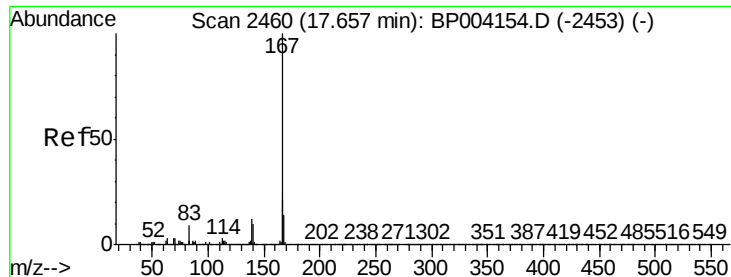


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

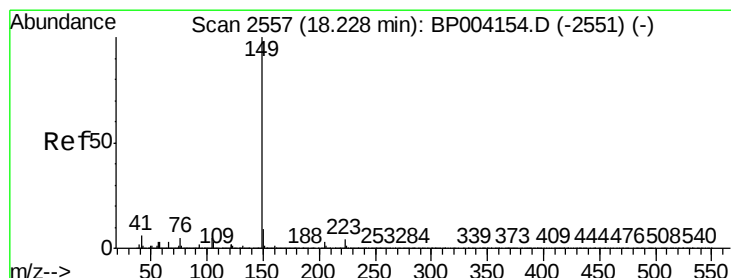
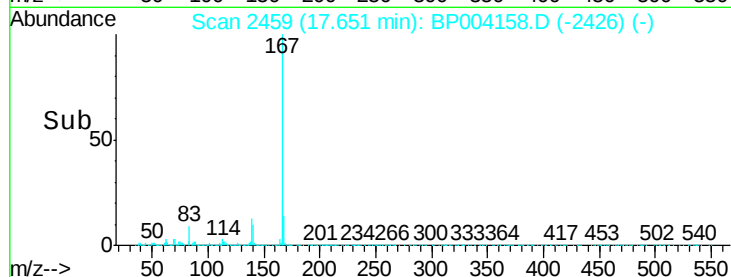
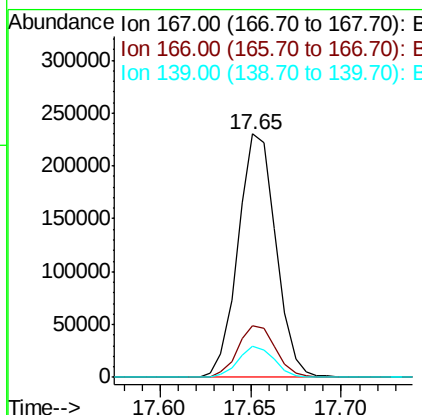
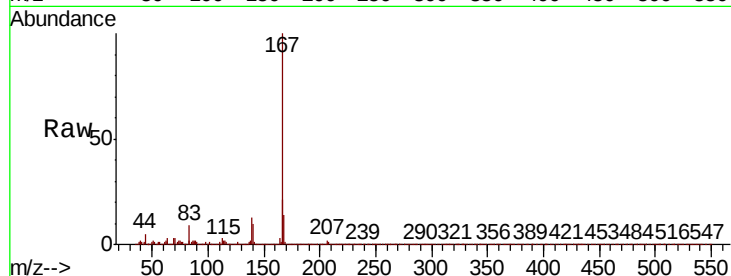




#77
 Carbazole
 Concen: 2.780 ng/ul
 RT: 17.65 min Scan# 2459
 Delta R.T. -0.01 min
 Lab File: BP004158.D
 Acq: 05 Dec 2020 13:05

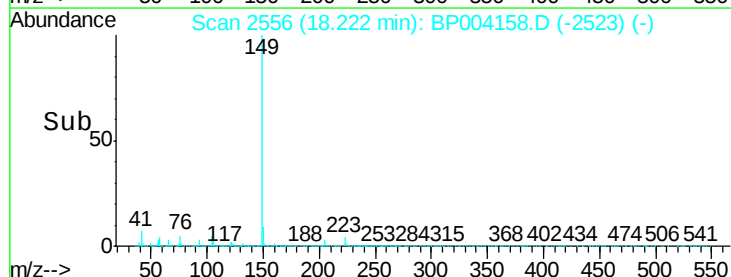
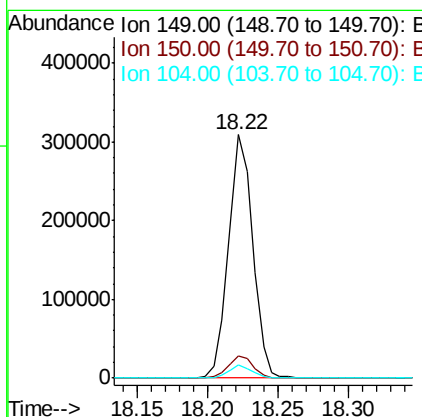
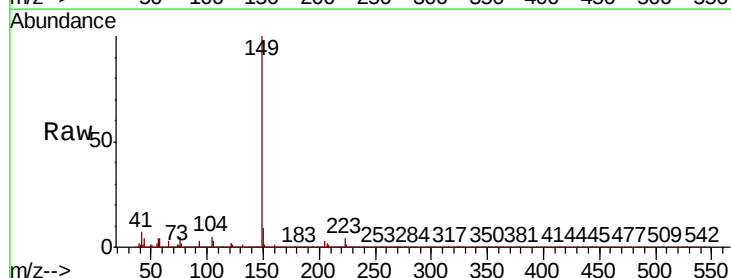
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-02

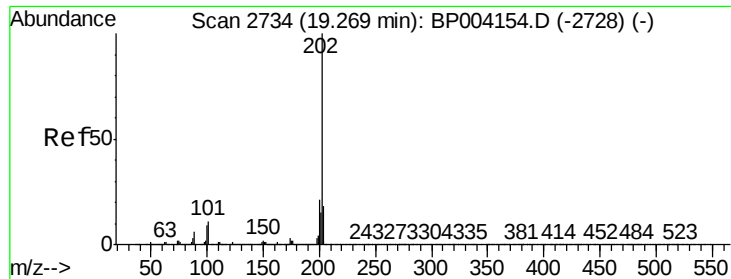
Tot Ion:167 Resp: 333489
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 12.9 9.8 14.8



#78
 Di-n-butylphthalate
 Concen: 2.365 ng/ul
 RT: 18.22 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BP004158.D
 Acq: 05 Dec 2020 13:05

Tgt Ion:149 Resp: 369750
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.3 3.8 5.8





#80

Fluoranthene

Concen: 2.719 ng/ul

RT: 19.26 min Scan# 2733

Delta R.T. -0.01 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-02

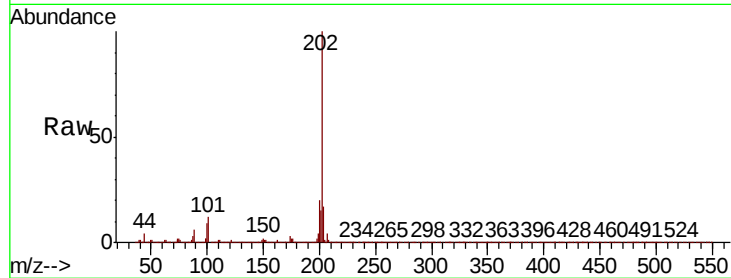
Tot Ion:202 Resp: 458501

Ion Ratio Lower Upper

202 100

101 12.2 8.6 12.8

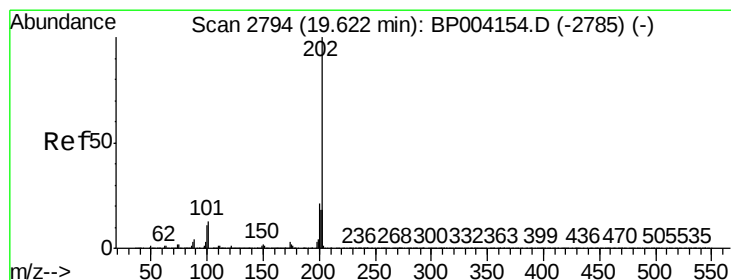
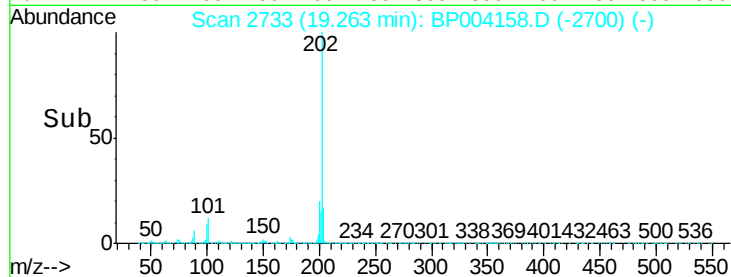
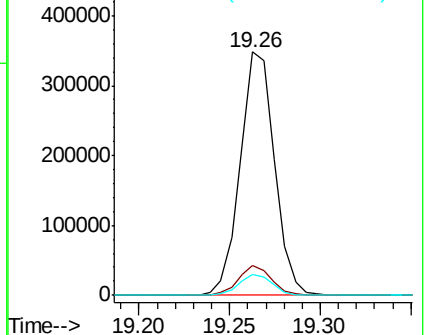
100 8.7 6.6 9.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#82

Pyrene

Concen: 2.894 ng/ul

RT: 19.62 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

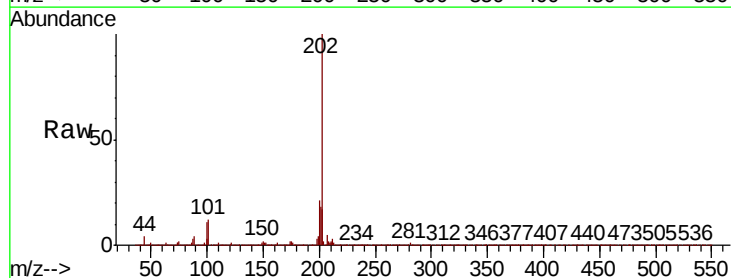
Tgt Ion:202 Resp: 495665

Ion Ratio Lower Upper

202 100

101 12.4 10.0 15.0

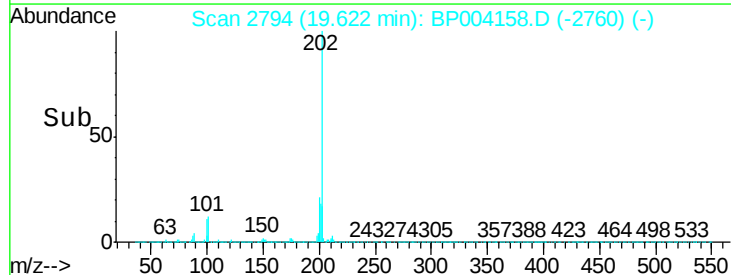
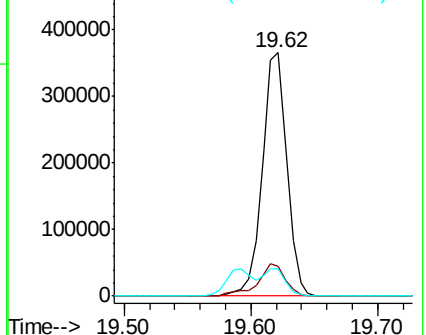
100 11.0 8.2 12.2

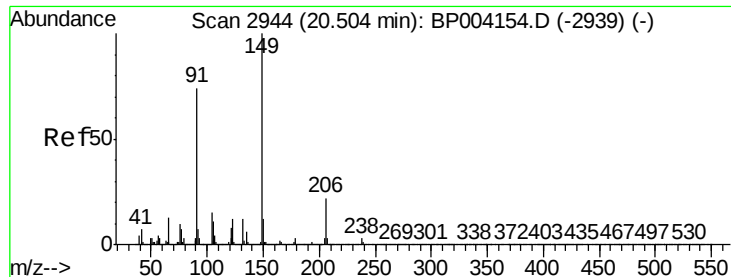


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

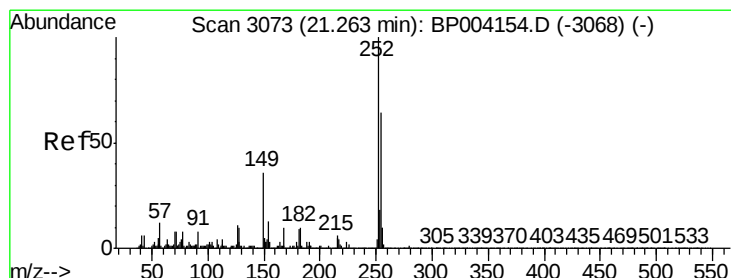
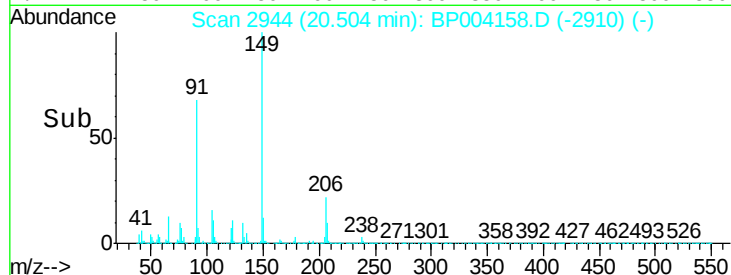
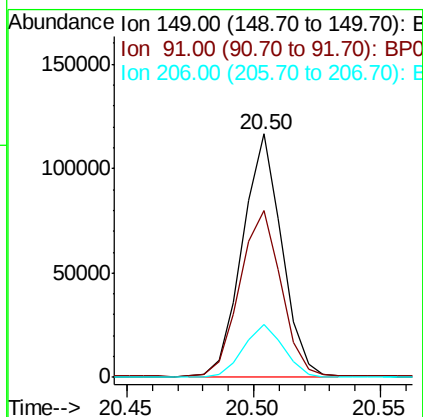
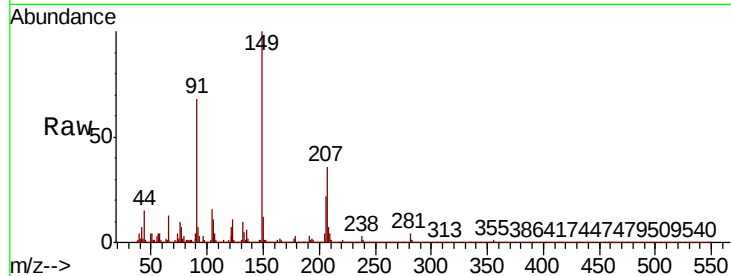




#83
 Butylbenzylphthalate
 Concen: 1.795 ng/ul
 RT: 20.50 min Scan# 2944
 Delta R.T. -0.00 min
 Lab File: BP004158.D
 Acq: 05 Dec 2020 13:05

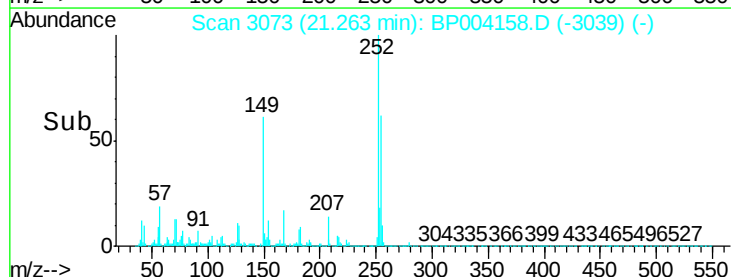
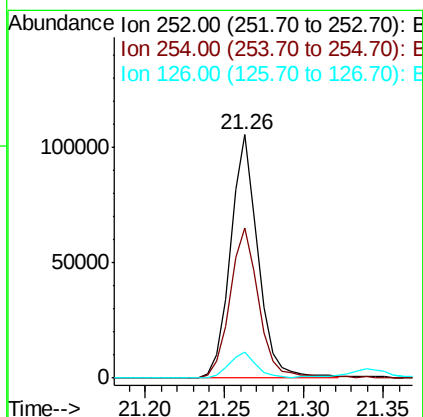
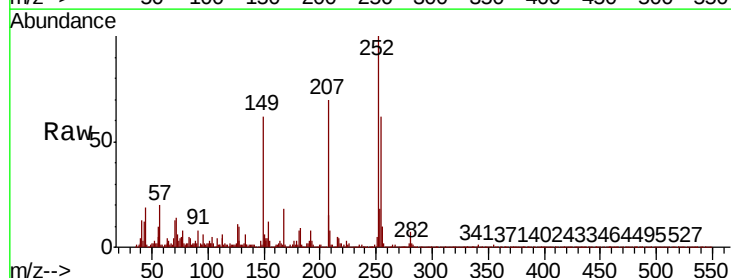
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-02

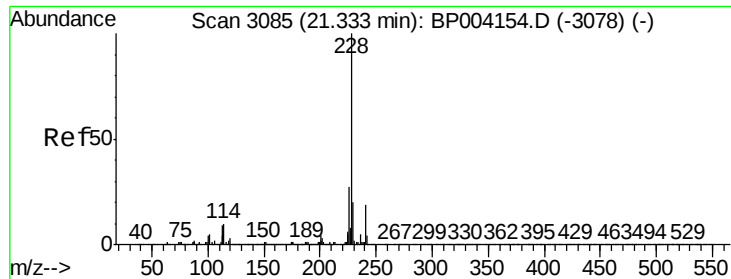
Tot Ion:149 Resp: 124948
 Ion Ratio Lower Upper
 149 100
 91 68.4 56.8 85.2
 206 21.9 17.9 26.9



#84
 3,3'-Dichlorobenzidine
 Concen: 2.198 ng/ul
 RT: 21.26 min Scan# 3073
 Delta R.T. -0.00 min
 Lab File: BP004158.D
 Acq: 05 Dec 2020 13:05

Tgt Ion:252 Resp: 126227
 Ion Ratio Lower Upper
 252 100
 254 61.7 51.8 77.8
 126 10.9 8.5 12.7





#85

Benzo(a)anthracene

Concen: 2.797 ng/ul

RT: 21.33 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-02

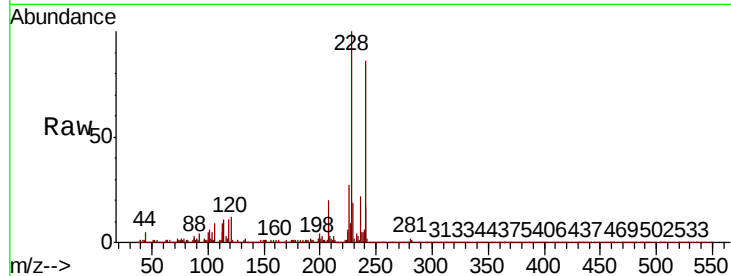
Tot Ion:228 Resp: 476351

Ion Ratio Lower Upper

228 100

229 19.2 15.9 23.9

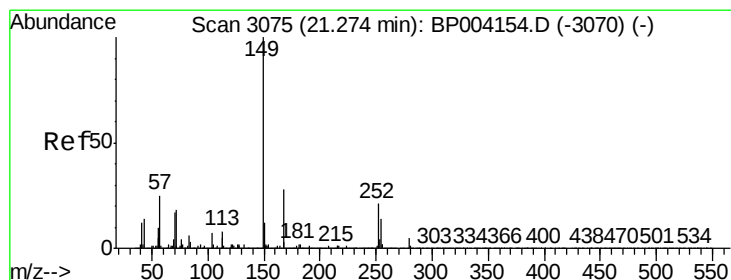
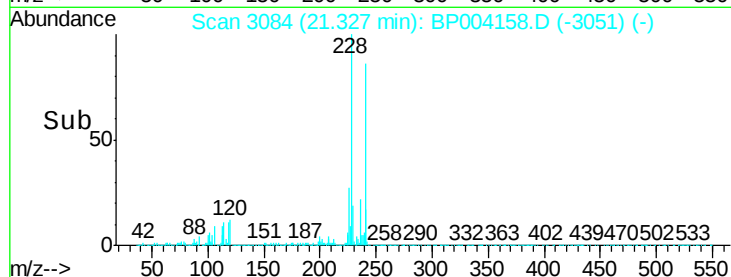
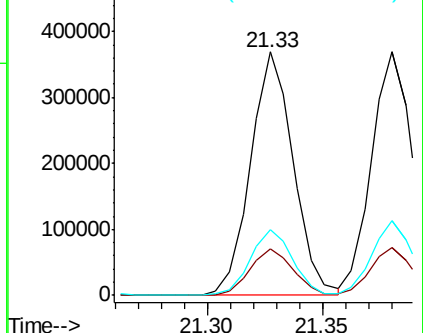
226 27.2 22.0 33.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.034 ng/ul

RT: 21.27 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

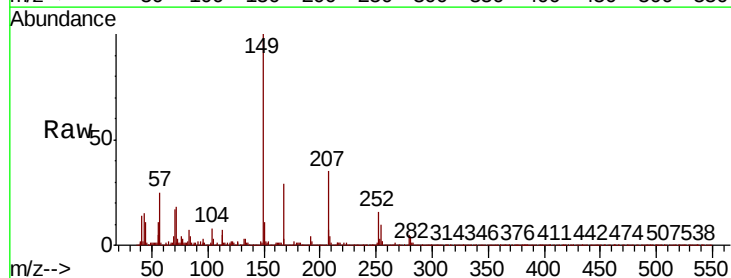
Tgt Ion:149 Resp: 213576

Ion Ratio Lower Upper

149 100

167 28.5 22.9 34.3

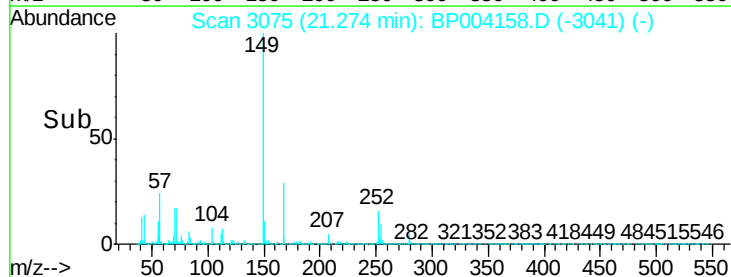
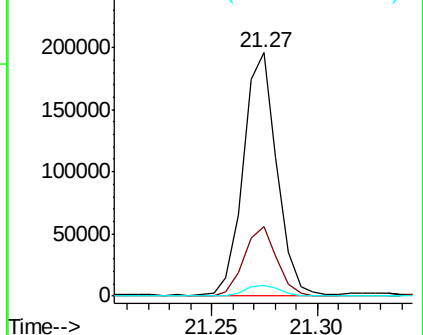
279 4.6 3.8 5.6

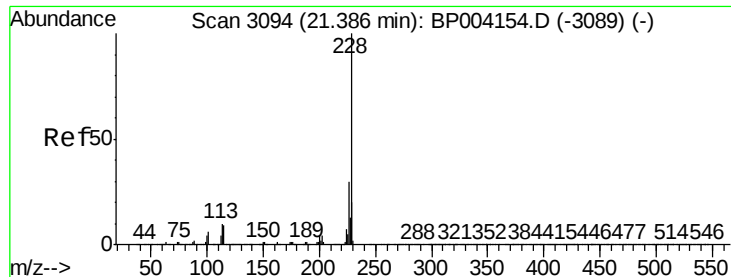


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Chrysene

Concen: 2.821 ng/ul

RT: 21.38 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-02

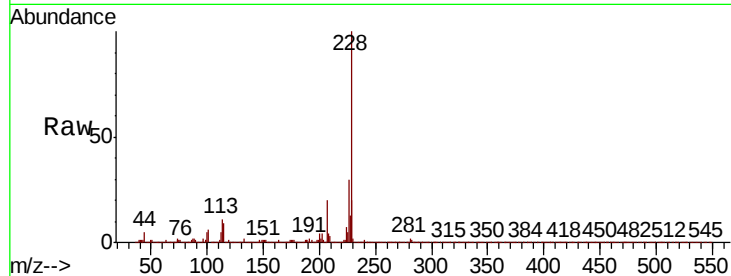
Tot Ion:228 Resp: 460111

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

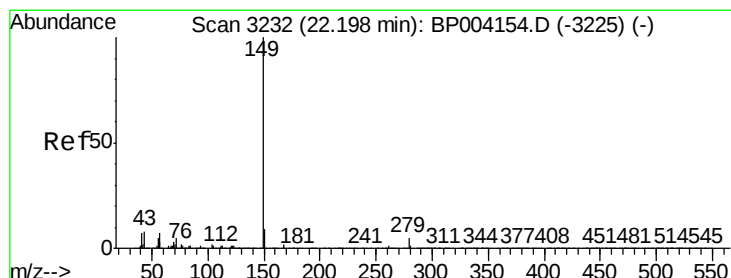
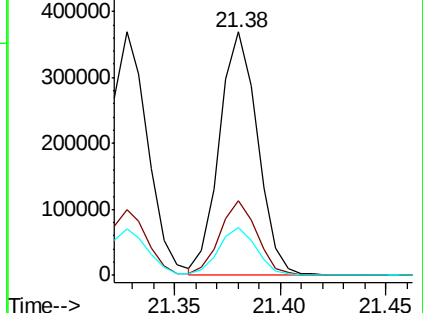
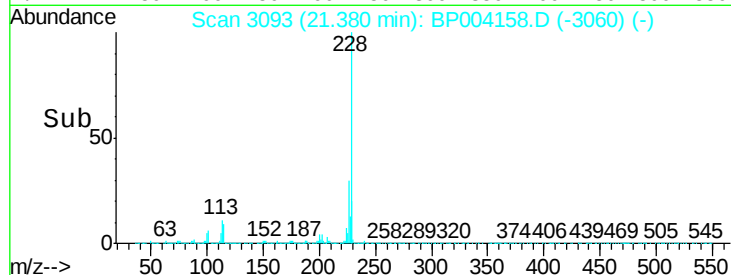
229 19.7 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#89

Di-n-octyl phthalate

Concen: 1.973 ng/ul

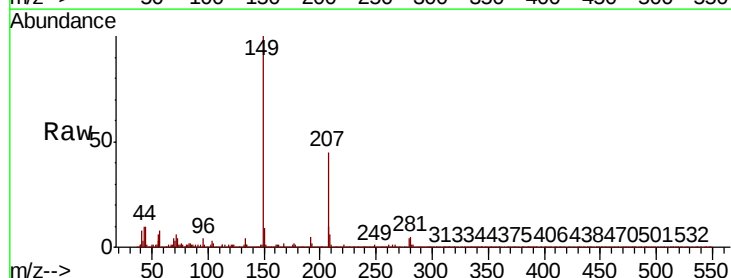
RT: 22.19 min Scan# 3231

Delta R.T. -0.01 min

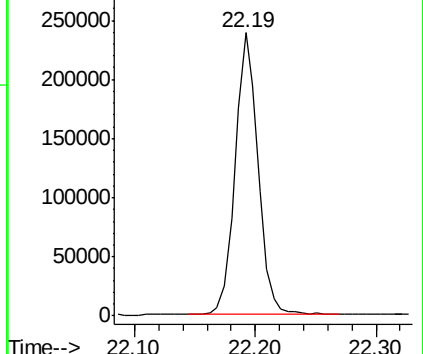
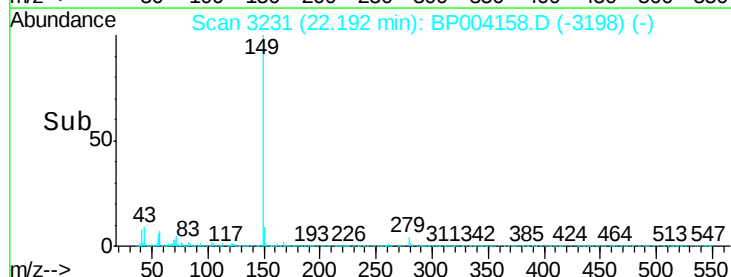
Lab File: BP004158.D

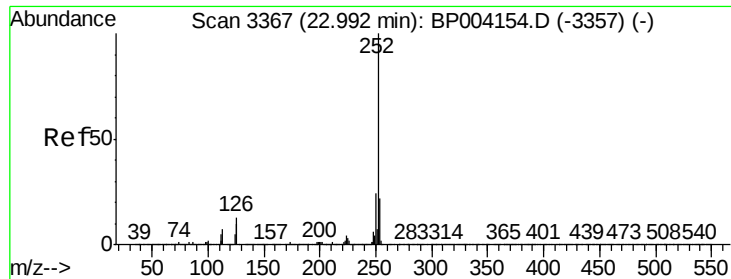
Acq: 05 Dec 2020 13:05

Tgt Ion:149 Resp: 315531



Abundance Ion 149.00 (148.70 to 149.70): E

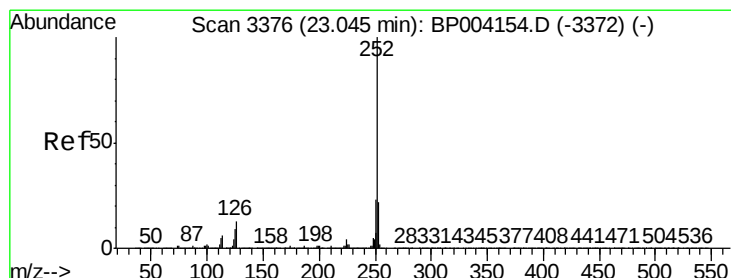
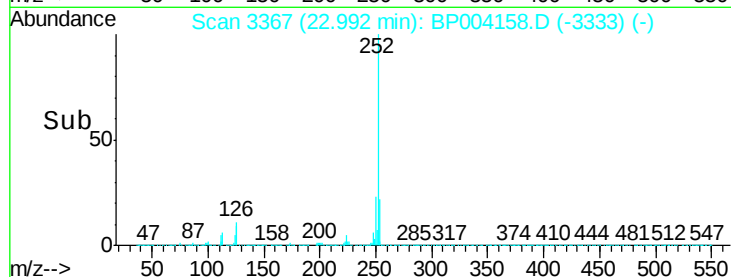
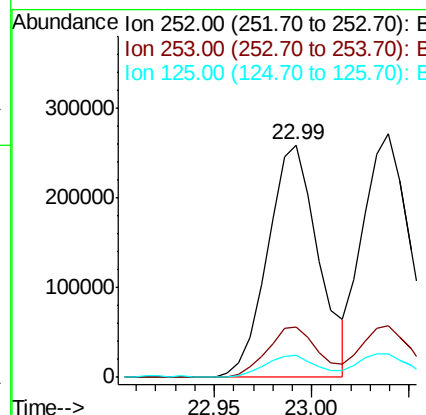
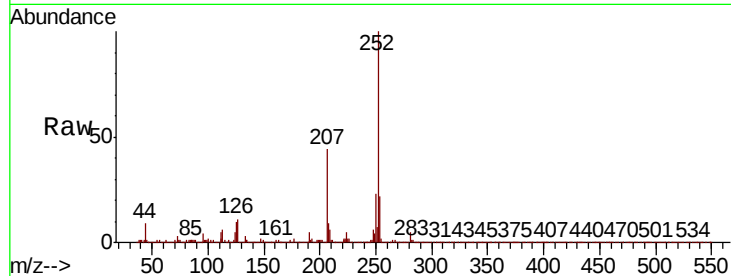




#90
Benzo(b)fluoranthene
Concen: 2.709 ng/ul
RT: 22.99 min Scan# 3367
Delta R.T. -0.00 min
Lab File: BP004158.D
Acq: 05 Dec 2020 13:05

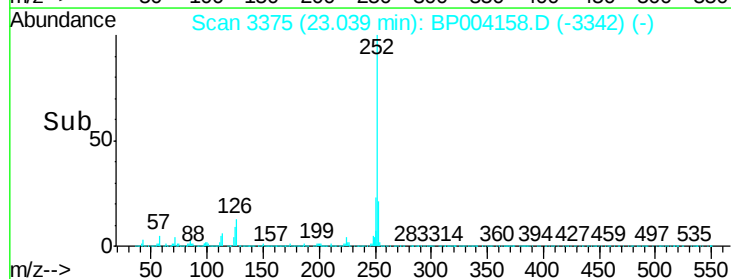
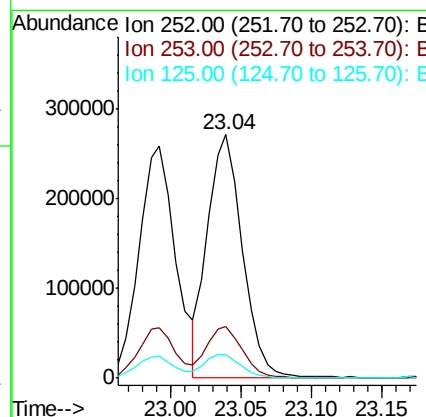
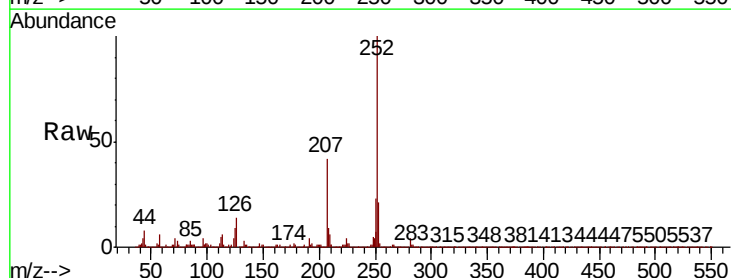
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-02

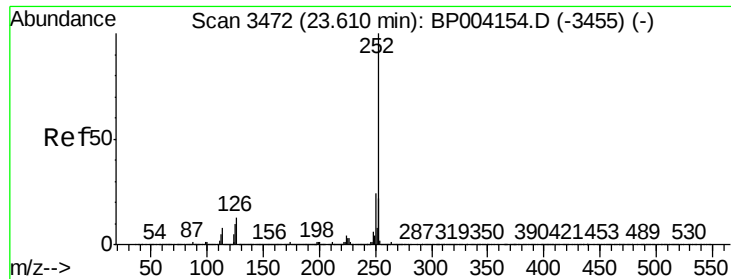
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.5	7.9	11.9



#91
Benzo(k)fluoranthene
Concen: 2.767 ng/ul
RT: 23.04 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BP004158.D
Acq: 05 Dec 2020 13:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	9.5	7.8	11.8





#93

Benzo(a)pyrene

Concen: 2.802 ng/ul

RT: 23.61 min Scan# 3472

Delta R.T. -0.00 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-02

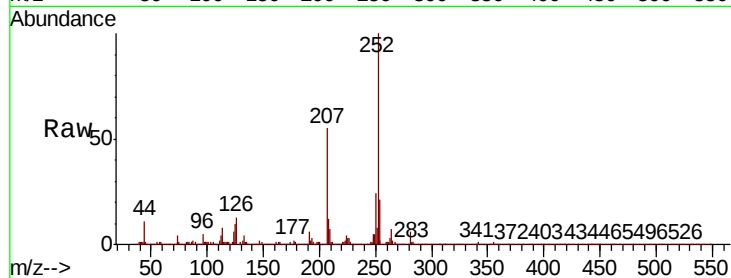
Tot Ion:252 Resp: 443421

Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

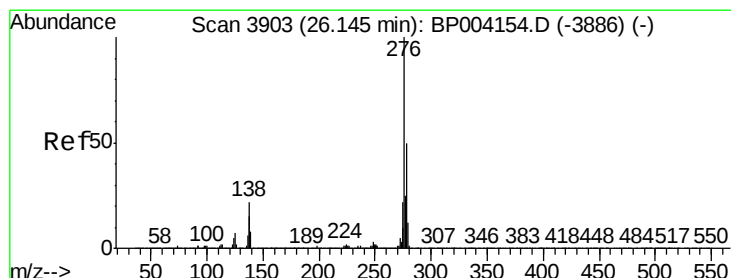
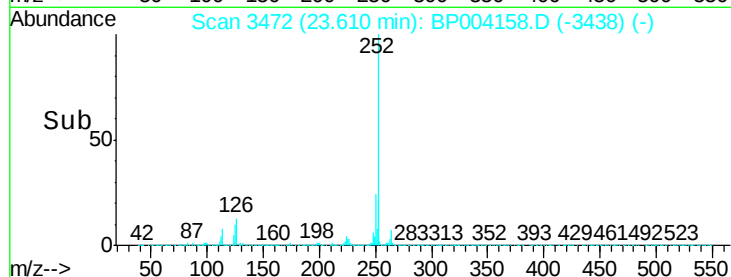
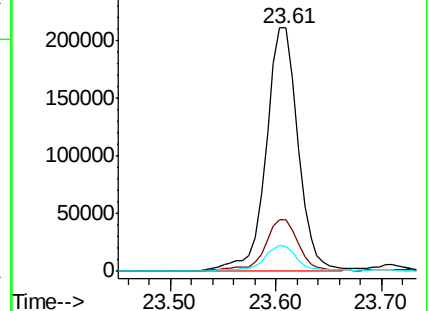
125 10.3 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.547 ng/ul

RT: 26.13 min Scan# 3901

Delta R.T. -0.01 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

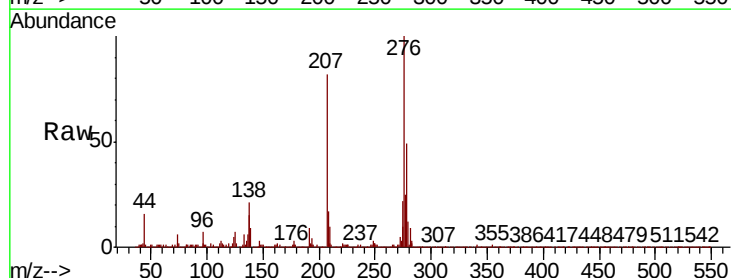
Tgt Ion:276 Resp: 516197

Ion Ratio Lower Upper

276 100

138 21.0 17.4 26.0

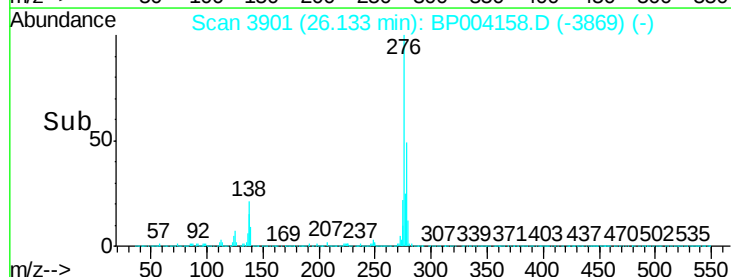
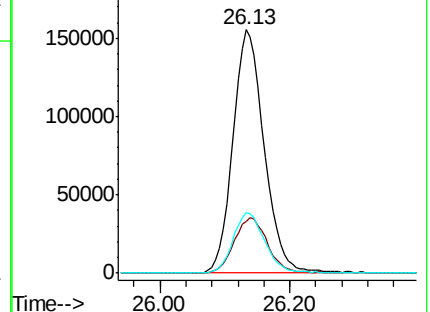
277 24.8 20.1 30.1

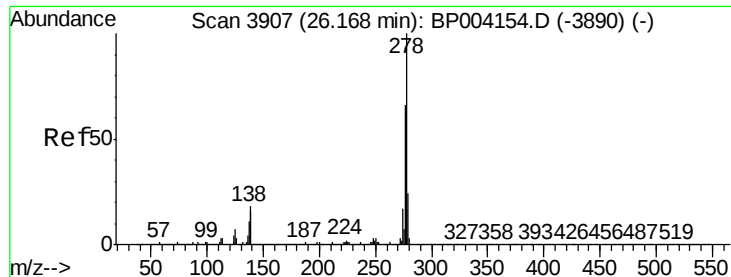


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#95

Dibenzo(a,h)anthracene

Concen: 2.597 ng/ul

RT: 26.16 min Scan# 3905

Delta R.T. -0.01 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

Instrument :

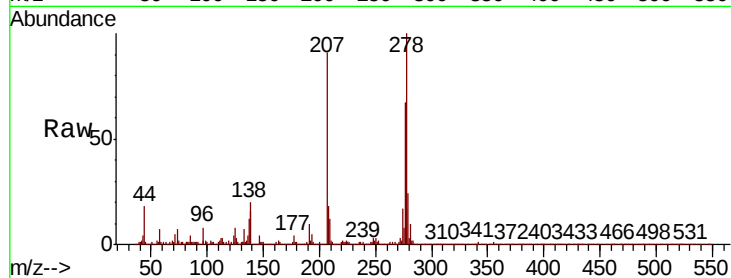
BNA_P

ClientSampleId :

MDL-SOIL-02

Tot Ion:278 Resp: 439381

Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.3	18.5
279	23.7	19.1	28.7

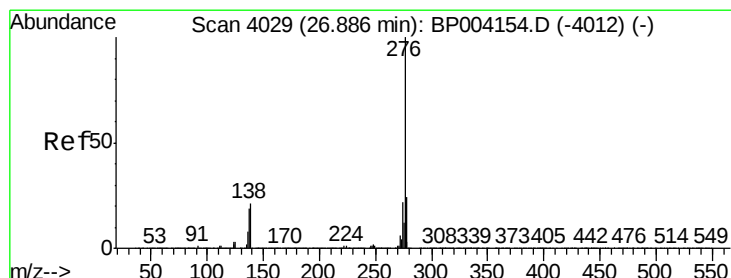
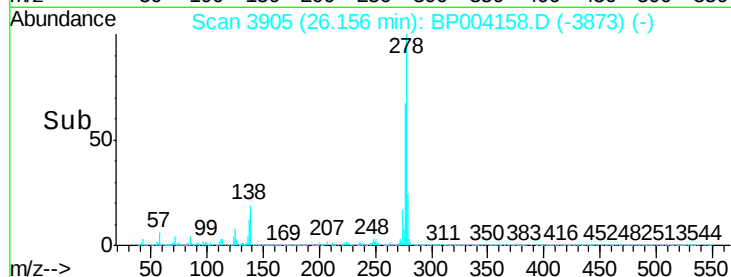
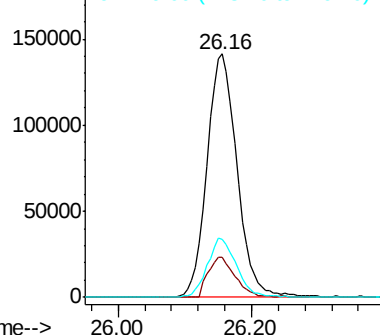


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#96

Benzo(g,h,i)perylene

Concen: 2.525 ng/ul

RT: 26.87 min Scan# 4027

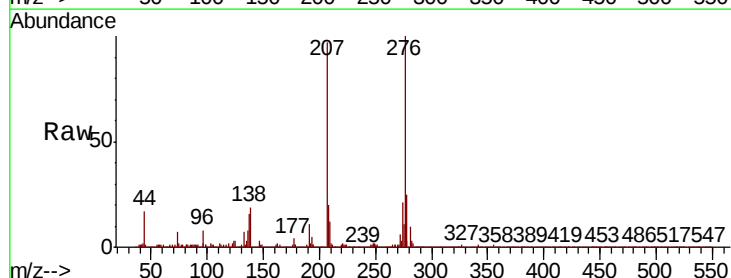
Delta R.T. -0.01 min

Lab File: BP004158.D

Acq: 05 Dec 2020 13:05

Tgt Ion:276 Resp: 429547

Ion	Ratio	Lower	Upper
276	100		
138	19.3	16.2	24.4
277	24.8	19.0	28.6



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

