

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120520\
 Data File : BP004156.D
 Acq On : 05 Dec 2020 11:57
 Operator : CG/JU
 Sample : L4485-01
 Misc : MDL-SOIL-01
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-01

Quant Time: Dec 07 01:41:46 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	382466	20.00	ng/ul	0.00
20) Naphthalene-d8	10.65	136	1597430	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.49	164	1018051	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.25	188	2234123	20.00	ng/ul	0.00
79) Chrysene-d12	21.35	240	2352003	20.00	ng/ul	0.00
88) Perylene-d12	23.71	264	2528849	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	51985	5.22	ng/uL	0.00
4) Pyridine-d5	3.74	84	720244	25.47	ng/ul	0.00
7) Phenol-d5	7.00	99	1172505	34.29	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.18	67	732222	37.04	ng/ul	0.00
11) 2-Chlorophenol-d4	7.38	132	897172	33.72	ng/ul	0.00
15) 4-Methylphenol-d8	8.55	113	939967	34.89	ng/ul	0.00
21) Nitrobenzene-d5	9.00	128	462404	35.50	ng/ul	0.00
24) 2-Nitrophenol-d4	9.72	143	402154	33.82	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.26	165	856347	32.72	ng/ul	0.00
31) 4-Chloroaniline-d4	10.78	131	1293018	33.67	ng/ul	0.00
46) Dimethylphthalate-d6	13.90	166	2843563	35.17	ng/ul	0.00
49) Acenaphthylene-d8	14.19	160	3630187	36.54	ng/ul	0.00
54) 4-Nitrophenol-d4	14.67	143	428968	32.41	ng/ul	0.00
60) Fluorene-d10	15.49	176	2412641	34.12	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.60	200	271558	29.91	ng/ul	0.00
73) Anthracene-d10	17.35	188	3793987	34.55	ng/ul	0.00
81) Pyrene-d10	19.59	212	4330098	35.00	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.56	264	4437900	32.67	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.38	88	10521	0.975 ng/uL#	86
5) Pyridine	3.76	79	106529	3.725 ng/ul#	69
6) Benzaldehyde	6.99	77	91117	5.997 ng/ul	95
8) Phenol	7.03	94	118461	3.386 ng/ul	96
10) Bis(2-Chloroethyl)ether	7.28	93	103434	3.685 ng/ul	98
12) 2-Chlorophenol	7.41	128	88628	3.295 ng/ul	97
13) 2-Methylphenol	8.28	108	85199	3.200 ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.38	45	123120	3.681 ng/ul	95
16) Acetophenone	8.67	105	147065	3.524 ng/ul	98
17) N-Nitroso-di-n-propylamine	8.65	70	75064	3.424 ng/ul	98
18) 4-Methylphenol	8.60	108	92439	3.258 ng/ul	97
19) Hexachloroethane	8.93	117	39461	3.425 ng/ul	99
22) Nitrobenzene	9.05	77	116648	3.675 ng/ul	96
23) Isophorone	9.57	82	218223	3.403 ng/ul	98
25) 2-Nitrophenol	9.76	139	42895	3.367 ng/ul	96
26) 2,4-Dimethylphenol	9.82	107	97710	3.162 ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.06	93	131515	3.447 ng/ul	98
29) 2,4-Dichlorophenol	10.29	162	83961	3.321 ng/ul	91
30) Naphthalene	10.70	128	312577	3.499 ng/ul	99
32) 4-Chloroaniline	10.80	127	127727	3.483 ng/ul	99
33) Hexachlorobutadiene	10.99	225	59995	3.307 ng/ul	99
34) Caprolactam	11.58	113	24311	2.606 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.92	107	81016	2.887	ng/ul	97
36) 2-Methylnaphthalene	12.31	142	217678	3.460	ng/ul	99
37) 1-Methylnaphthalene	12.53	142	206536	3.415	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.68	216	119123	3.484	ng/ul	99
40) Hexachlorocyclopentadiene	12.66	237	62238	2.912	ng/ul	97
41) 2,4,6-Trichlorophenol	12.92	196	55862	2.838	ng/ul	96
42) 2,4,5-Trichlorophenol	12.98	196	58839	2.775	ng/ul	97
43) 1,1'-Biphenyl	13.33	154	287010	3.525	ng/ul	99
44) 2-Chloronaphthalene	13.36	162	227136	3.518	ng/ul	99
45) 2-Nitroaniline	13.56	65	45441	2.867	ng/ul	97
47) Dimethylphthalate	13.95	163	280187	3.413	ng/ul	100
48) 2,6-Dinitrotoluene	14.06	165	42148	2.829	ng/ul	99
50) Acenaphthylene	14.22	152	339558	3.449	ng/ul	99
51) 3-Nitroaniline	14.39	138	43904	3.158	ng/ul	88
52) Acenaphthene	14.56	153	238532	3.434	ng/ul	100
53) 2,4-Dinitrophenol	14.59	184	11168	1.945	ng/ul#	84
55) 4-Nitrophenol	14.69	109	33053	3.321	ng/ul#	88
56) Dibenzofuran	14.89	168	336747	3.498	ng/ul	100
57) 2,4-Dinitrotoluene	14.85	165	60788	2.987	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.12	232	48361	2.796	ng/ul#	95
59) Diethylphthalate	15.32	149	273303	3.299	ng/ul	99
61) Fluorene	15.55	166	278914	3.491	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.55	204	143256	3.437	ng/ul	98
63) 4-Nitroaniline	15.55	138	50443	3.838	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.62	198	31582	3.118	ng/ul#	84
67) N-Nitrosodiphenylamine	15.76	169	232506	3.382	ng/ul	97
68) 4-Bromophenyl-phenylether	16.45	248	88161	3.297	ng/ul	98
69) Hexachlorobenzene	16.55	284	102661	3.443	ng/ul	96
70) Atrazine	16.71	200	80416	2.994	ng/ul	98
71) Pentachlorophenol	16.90	266	39116	2.746	ng/ul	96
72) Phenanthrene	17.29	178	451862	3.516	ng/ul	98
74) Anthracene	17.39	178	459979	3.513	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.29	216	118044	3.481	ng/uL	99
76) Pentachlorobenzene	14.81	250	117613	3.431	ng/uL	97
77) Carbazole	17.65	167	389981	3.507	ng/ul	99
78) Di-n-butylphthalate	18.22	149	433095	2.988	ng/ul	99
80) Fluoranthene	19.26	202	529550	3.380	ng/ul	98
82) Pyrene	19.62	202	567291	3.564	ng/ul	97
83) Butylbenzylphthalate	20.50	149	147208	2.277	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.26	252	152324	2.854	ng/ul	99
85) Benzo(a)anthracene	21.33	228	554818	3.507	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.27	149	256448	2.629	ng/ul	98
87) Chrysene	21.38	228	533258	3.519	ng/ul	99
89) Di-n-octyl phthalate	22.19	149	382592	2.532	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	524069	3.218	ng/ul	98
91) Benzo(k)fluoranthene	23.03	252	560017	3.550	ng/ul	99
93) Benzo(a)pyrene	23.60	252	516564	3.454	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.13	276	601597	3.141	ng/ul	99
95) Dibenzo(a,h)anthracene	26.15	278	510581	3.194	ng/ul	99
96) Benzo(g,h,i)perylene	26.87	276	505955	3.148	ng/ul	99

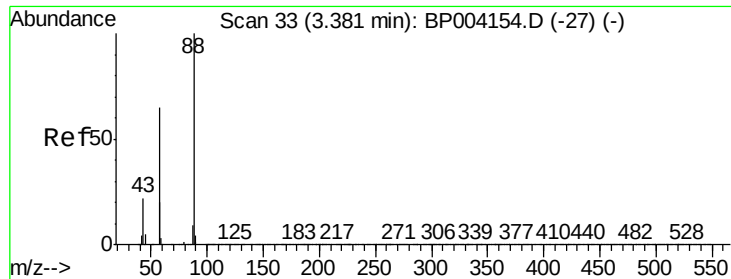
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 0.975 ng/uL

RT: 3.38 min Scan# 33

Delta R.T. 0.00 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

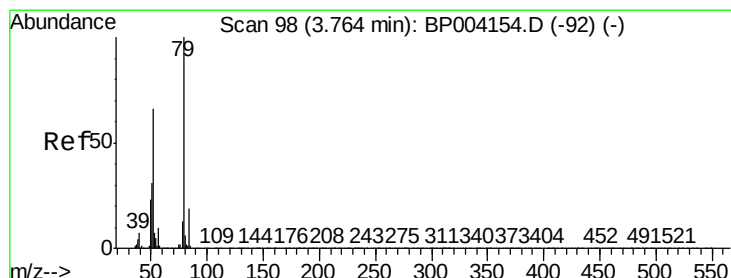
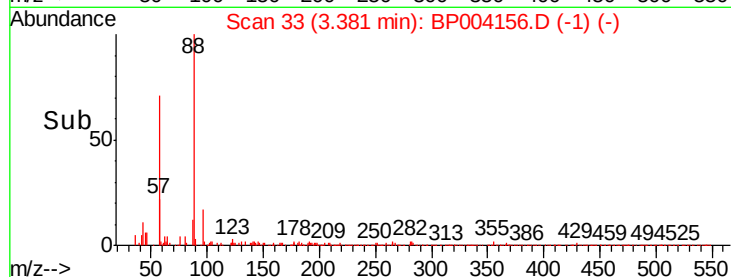
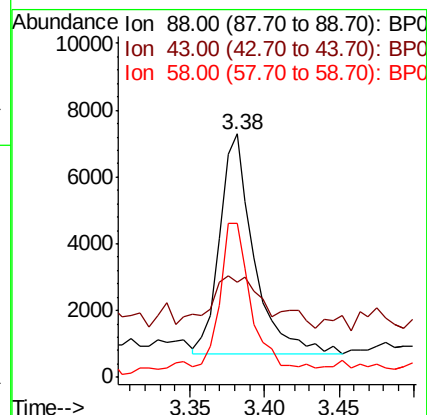
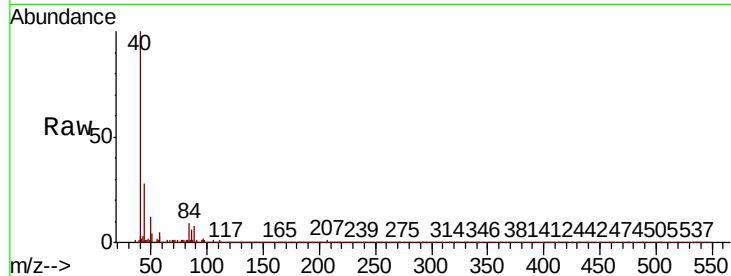
Tot Ion: 88 Resp: 10521

Ion Ratio Lower Upper

88 100

43 38.9 42.5 63.7#

58 63.3 57.0 85.4



#5

Pyridine

Concen: 3.725 ng/uL

RT: 3.76 min Scan# 98

Delta R.T. 0.00 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

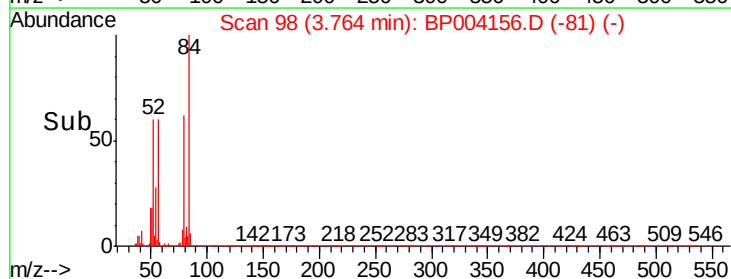
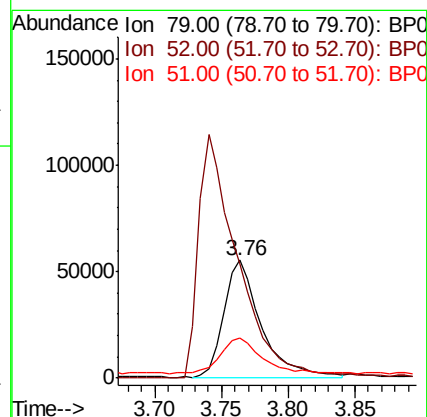
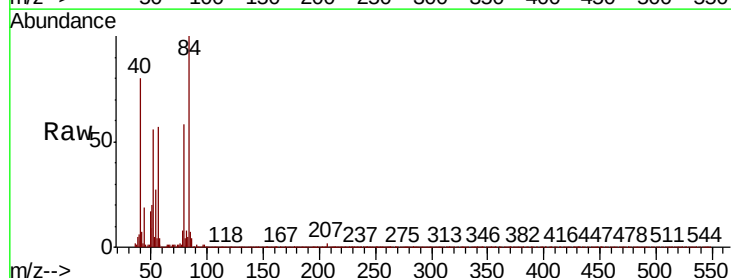
Tgt Ion: 79 Resp: 106529

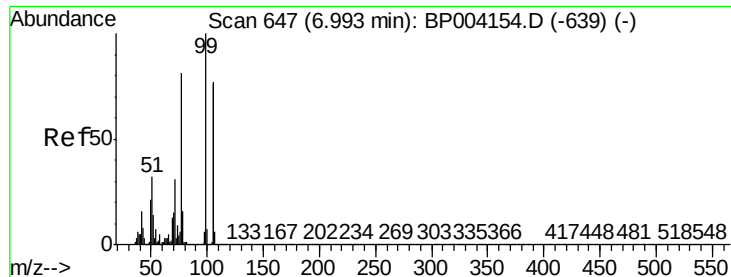
Ion Ratio Lower Upper

79 100

52 97.0 51.4 77.0#

51 34.4 24.0 36.0





#6

Benzaldehyde

Concen: 5.997 ng/ul

RT: 6.99 min Scan# 646

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

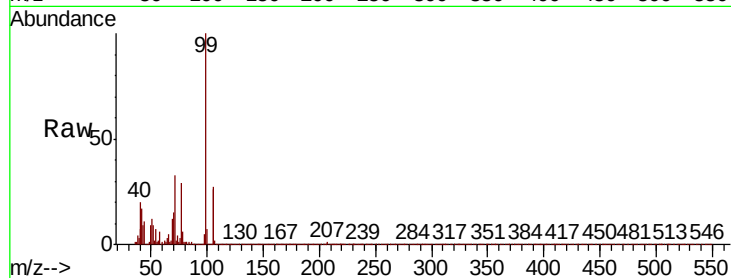
Tot Ion: 77 Resp: 91117

Ion Ratio Lower Upper

77 100

105 92.7 79.8 119.8

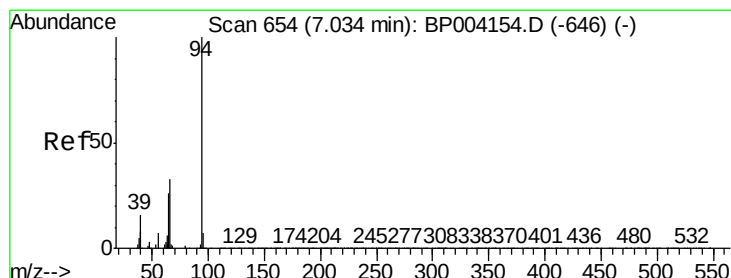
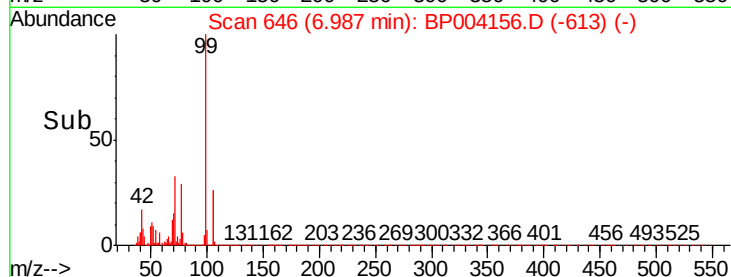
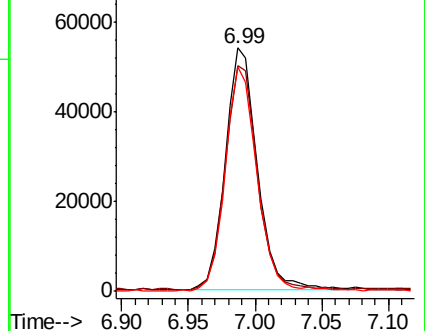
106 92.3 75.2 112.8



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#8

Phenol

Concen: 3.386 ng/ul

RT: 7.03 min Scan# 653

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

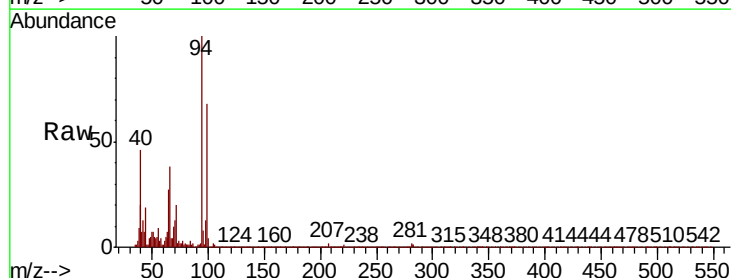
Tgt Ion: 94 Resp: 118461

Ion Ratio Lower Upper

94 100

65 26.7 20.8 31.2

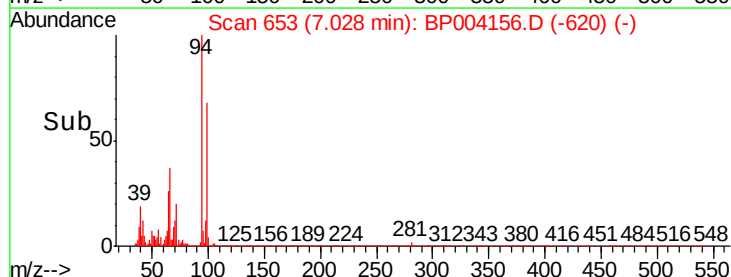
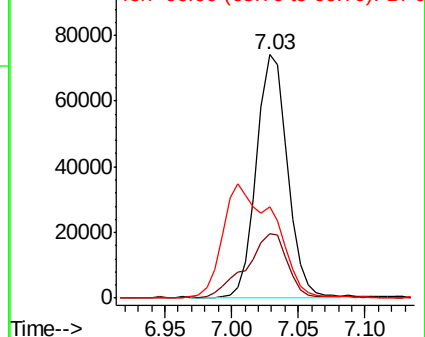
66 37.6 27.0 40.6

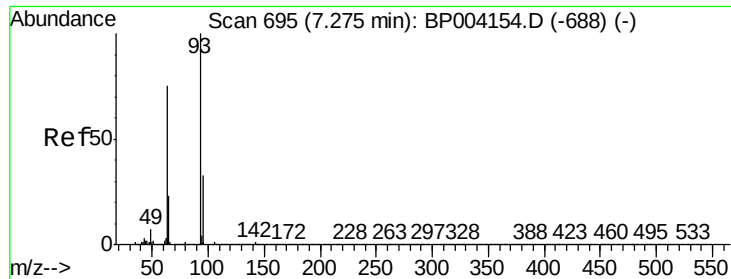


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

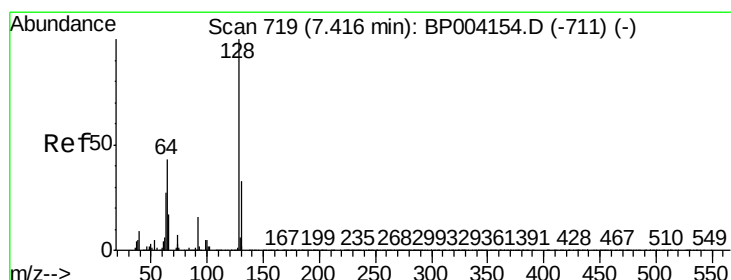
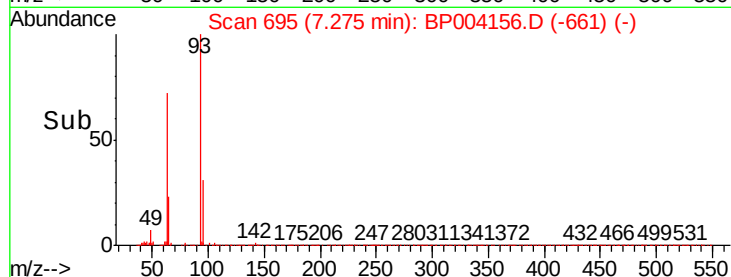
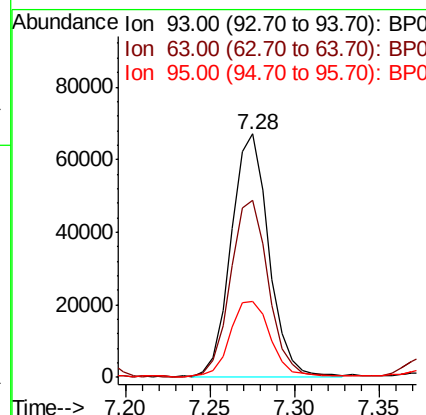
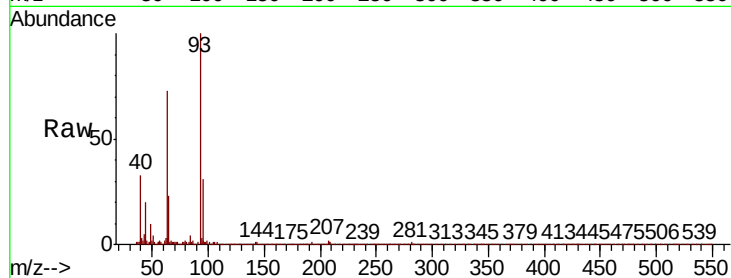




#10
 Bis(2-Chloroethyl)ether
 Concen: 3.685 ng/ul
 RT: 7.28 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BP004156.D
 Acq: 05 Dec 2020 11:57

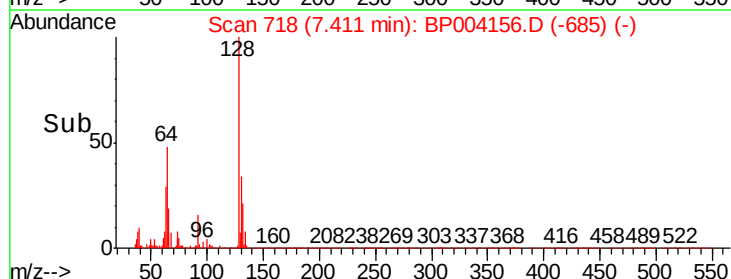
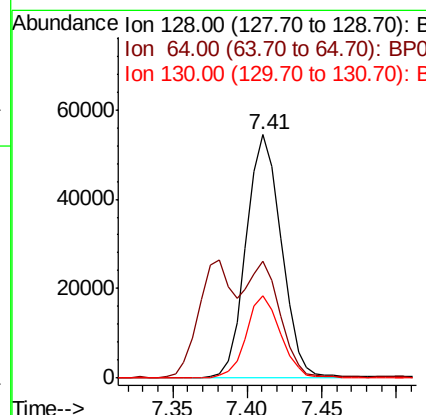
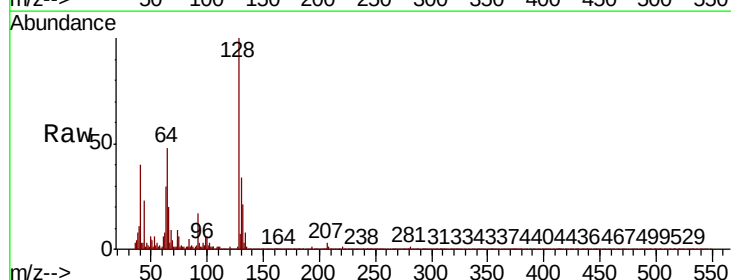
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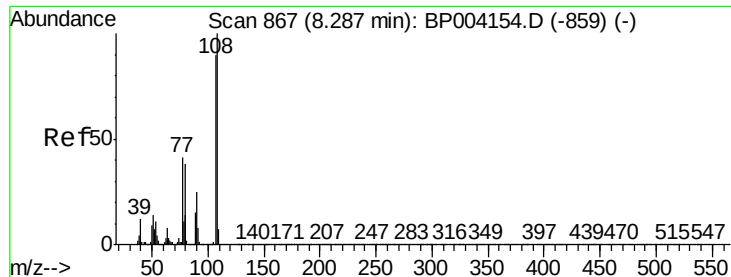
Tot Ion:	93	Resp:	103434
Ion	Ratio	Lower	Upper
93	100		
63	72.5	57.0	85.4
95	31.4	26.8	40.2



#12
 2-Chlorophenol
 Concen: 3.295 ng/ul
 RT: 7.41 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: BP004156.D
 Acq: 05 Dec 2020 11:57

Tgt Ion:	128	Resp:	88628
Ion	Ratio	Lower	Upper
128	100		
64	48.1	37.4	56.0
130	34.0	25.4	38.2

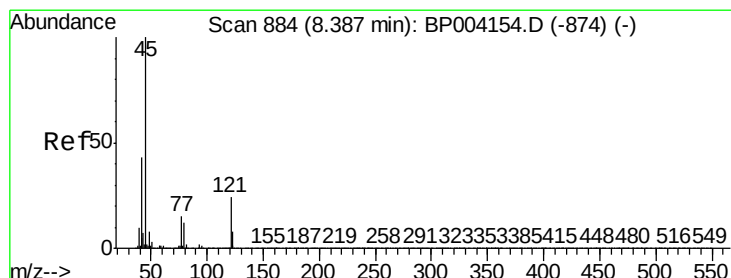
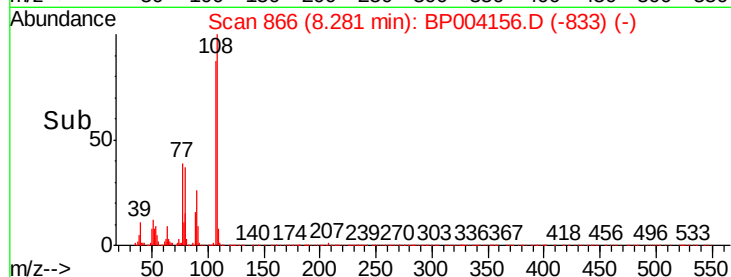
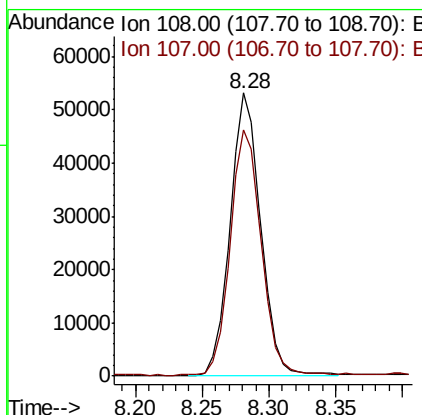
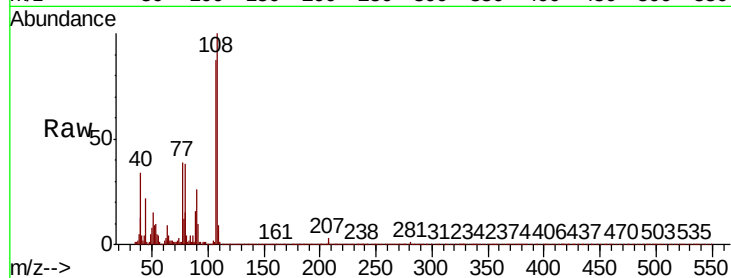




#13
2-Methylphenol
Concen: 3.200 ng/ul
RT: 8.28 min Scan# 866
Delta R.T. -0.01 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

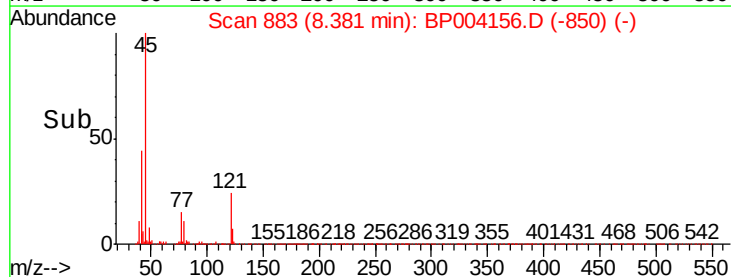
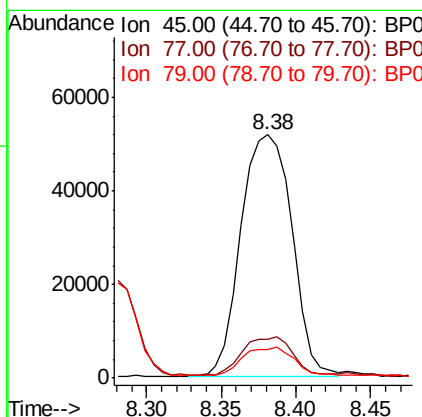
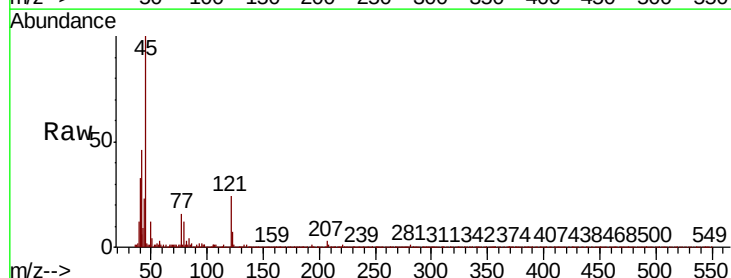
Instrument :
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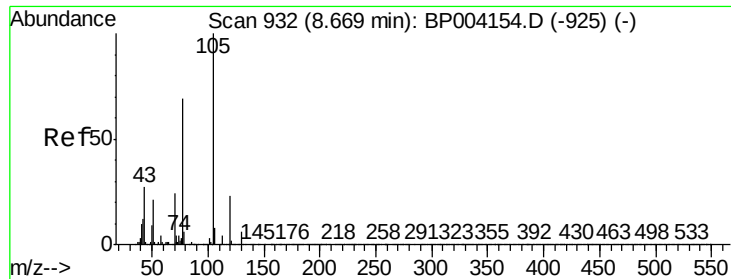
Tot Ion: 108 Resp: 85199
Ion Ratio Lower Upper
108 100
107 87.2 72.7 109.1



#14
2,2'-oxybis(1-Chloropropane)
Concen: 3.681 ng/ul
RT: 8.38 min Scan# 883
Delta R.T. -0.01 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

Tgt Ion: 45 Resp: 123120
Ion Ratio Lower Upper
45 100
77 16.1 14.2 21.4
79 11.9 11.4 17.2

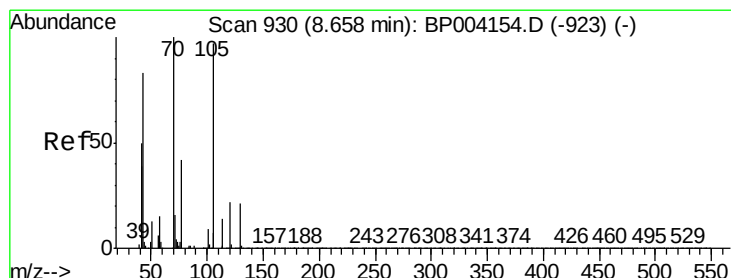
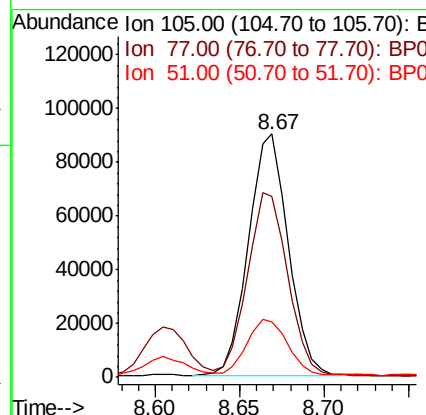
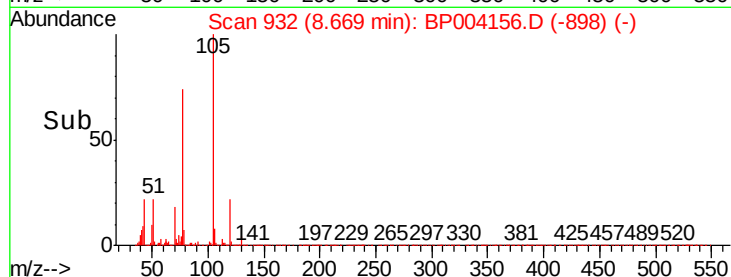
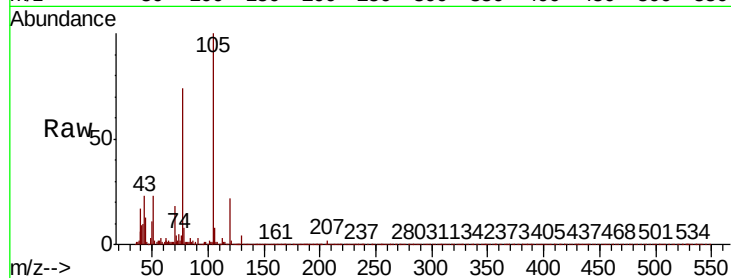




#16
Acetophenone
Concen: 3.524 ng/ul
RT: 8.67 min Scan# 932
Delta R.T. 0.00 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

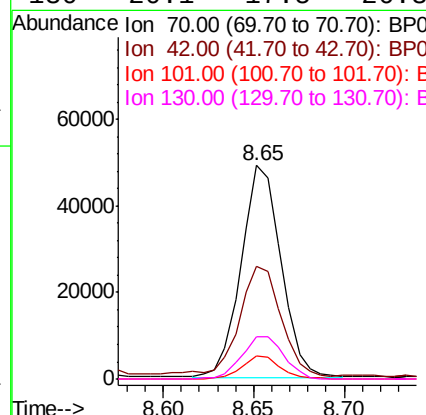
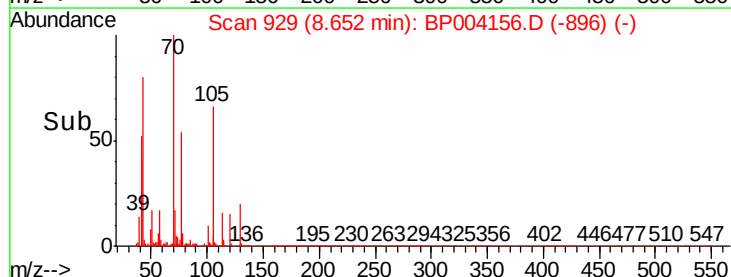
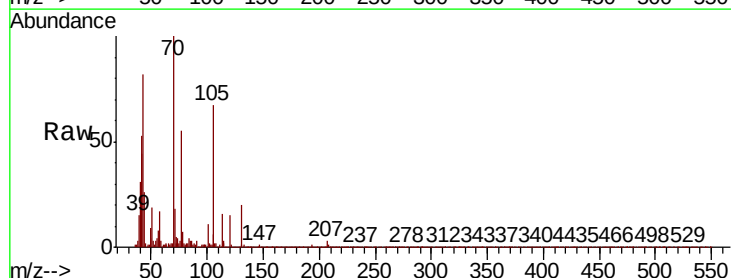
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-01

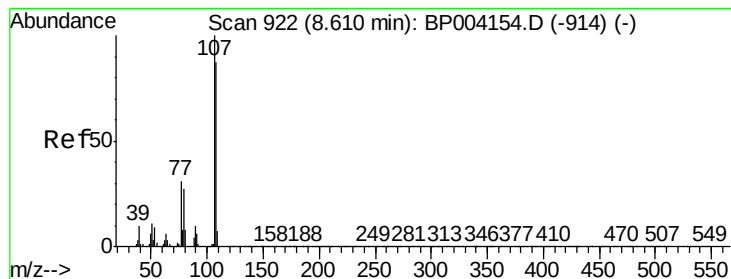
Tot Ion: 105 Resp: 147065
Ion Ratio Lower Upper
105 100
77 74.3 60.9 91.3
51 23.0 18.2 27.4



#17
N-Nitroso-di-n-propylamine
Concen: 3.424 ng/ul
RT: 8.65 min Scan# 929
Delta R.T. -0.01 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

Tgt Ion: 70 Resp: 75064
Ion Ratio Lower Upper
70 100
42 52.7 41.4 62.0
101 10.5 8.2 12.2
130 20.1 17.5 26.3





#18

4-Methylphenol

Concen: 3.258 ng/ul

RT: 8.60 min Scan# 921

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

Instrument :

BNA_P

ClientSampleId :

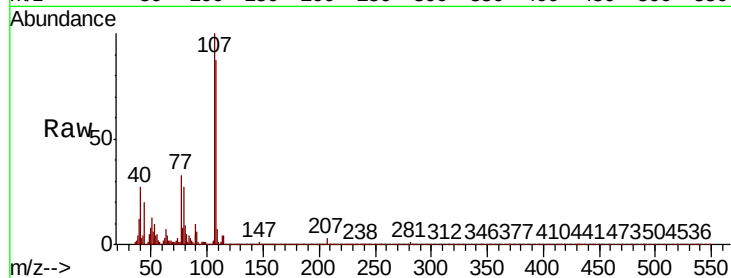
MDL-SOIL-01

Tot Ion:108 Resp: 92439

Ion Ratio Lower Upper

108 100

107 114.6 89.3 133.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

60000

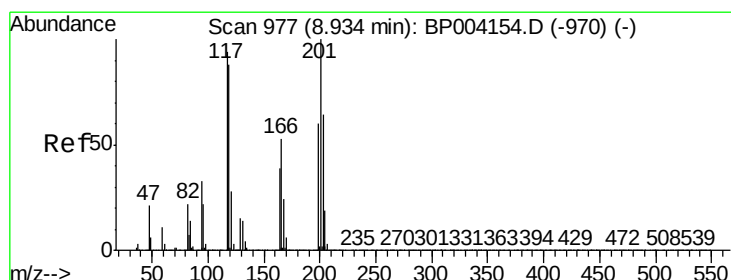
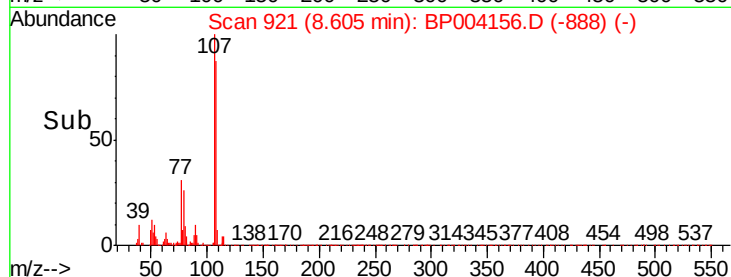
40000

20000

0

8.55 8.60 8.65

Time-->



#19

Hexachloroethane

Concen: 3.425 ng/ul

RT: 8.93 min Scan# 977

Delta R.T. 0.00 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

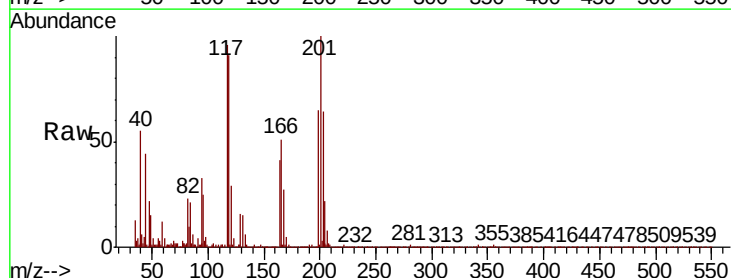
Tgt Ion:117 Resp: 39461

Ion Ratio Lower Upper

117 100

201 104.7 84.3 126.5

199 68.3 53.0 79.4



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

30000

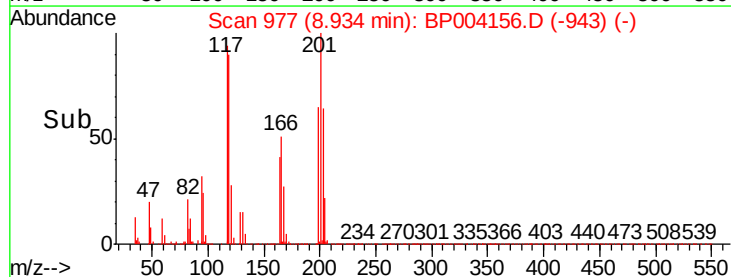
20000

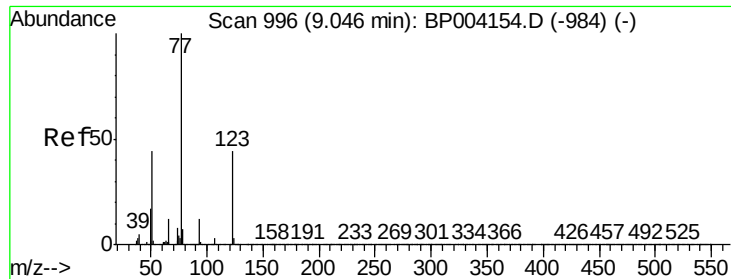
10000

0

8.85 8.90 8.95 9.00

Time-->

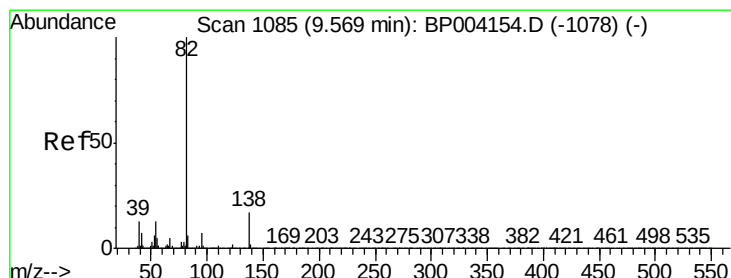
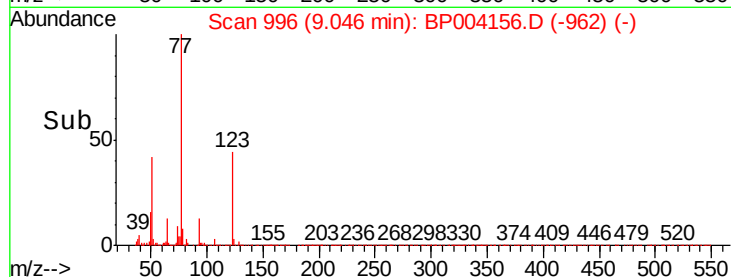
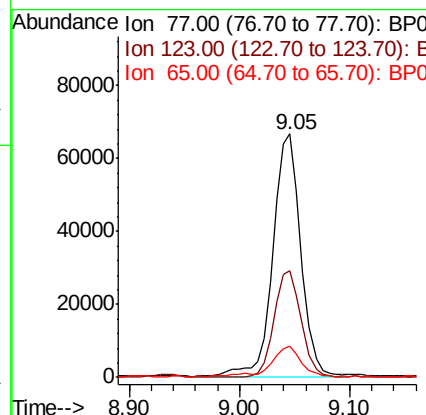
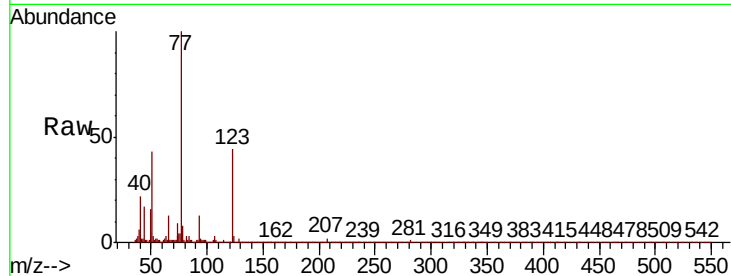




#22
Nitrobenzene
Concen: 3.675 ng/ul
RT: 9.05 min Scan# 996
Delta R.T. 0.00 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

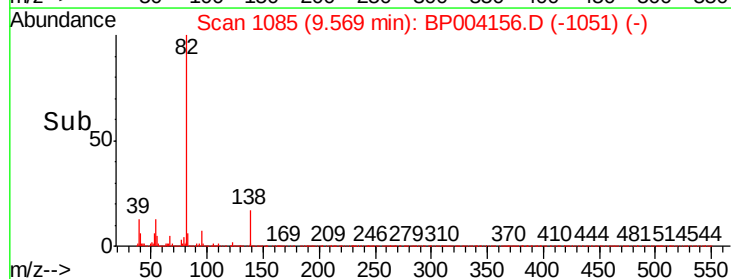
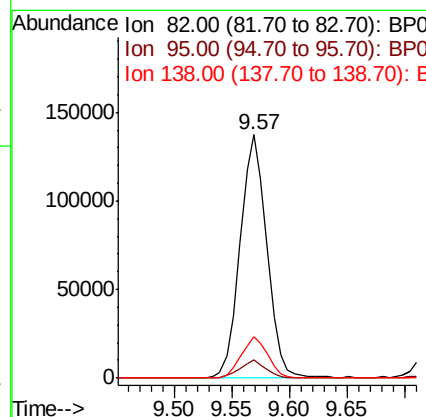
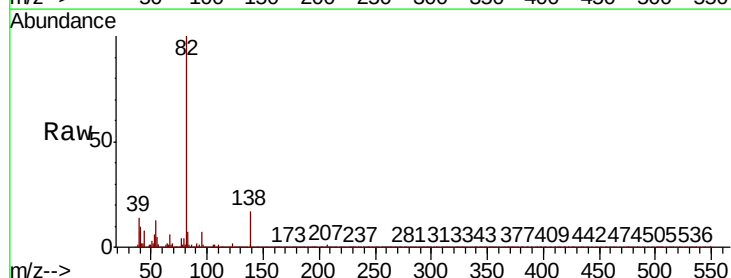
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-01

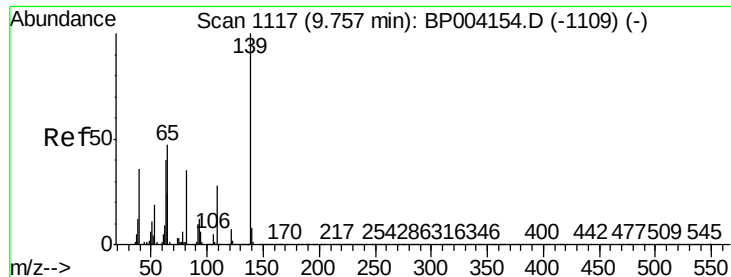
Tot Ion: 77 Resp: 116648
Ion Ratio Lower Upper
77 100
123 44.0 37.4 56.2
65 12.9 9.9 14.9



#23
Isophorone
Concen: 3.403 ng/ul
RT: 9.57 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

Tgt Ion: 82 Resp: 218223
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 16.9 14.6 21.8

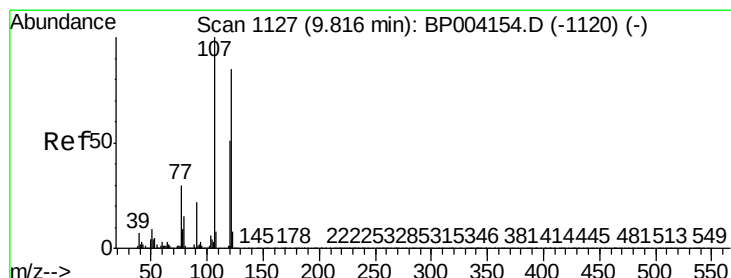
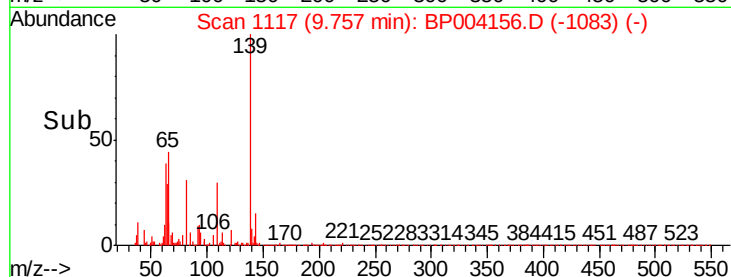
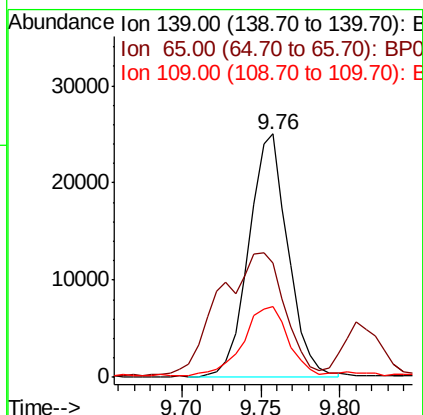
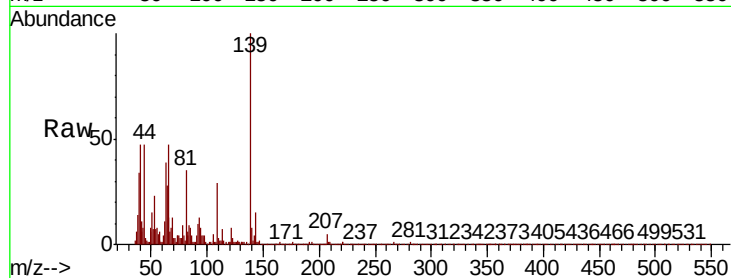




#25
2-Nitrophenol
Concen: 3.367 ng/ul
RT: 9.76 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

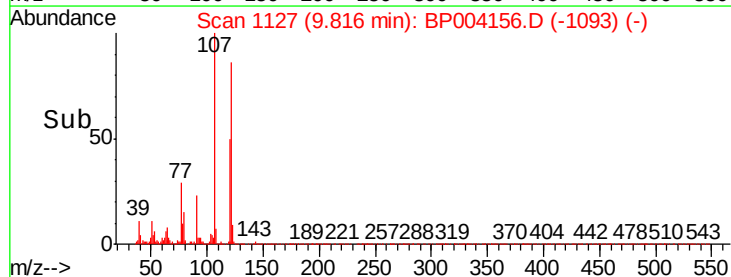
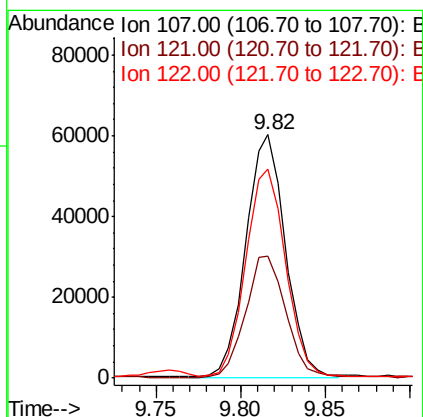
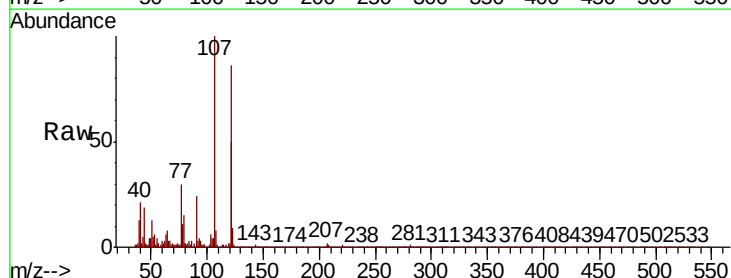
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-01

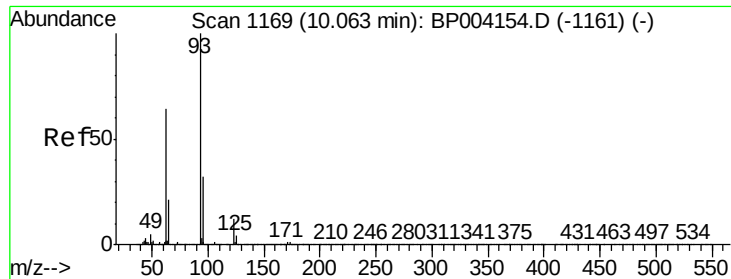
Tot Ion	Ratio	Lower	Upper
139	100		
65	46.8	39.8	59.6
109	29.3	24.5	36.7



#26
2,4-Dimethylphenol
Concen: 3.162 ng/ul
RT: 9.82 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

Tgt Ion	Ratio	Lower	Upper
107	100		
121	49.9	40.4	60.6
122	85.7	67.6	101.4

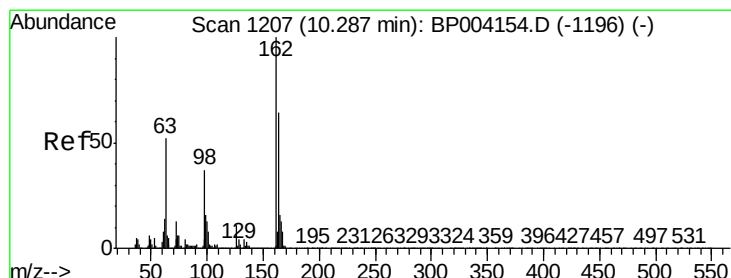
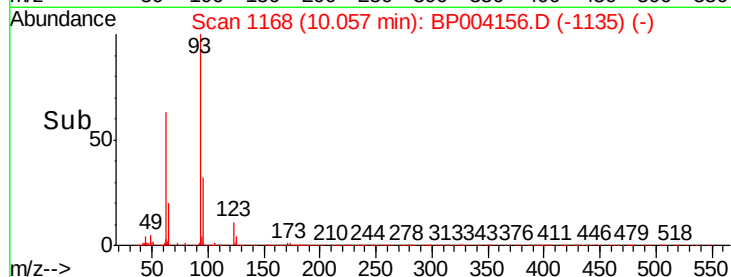
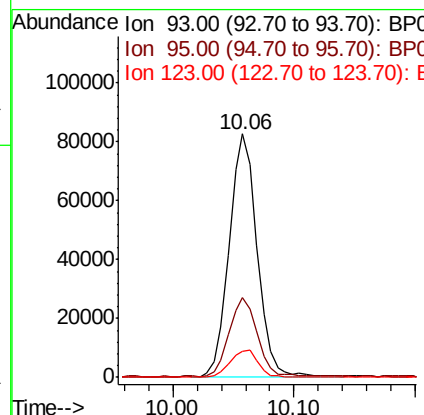
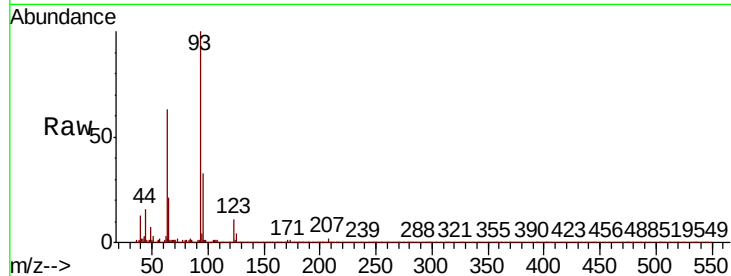




#27
 Bis(2-Chloroethoxy)methane
 Concen: 3.447 ng/ul
 RT: 10.06 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BP004156.D
 Acq: 05 Dec 2020 11:57

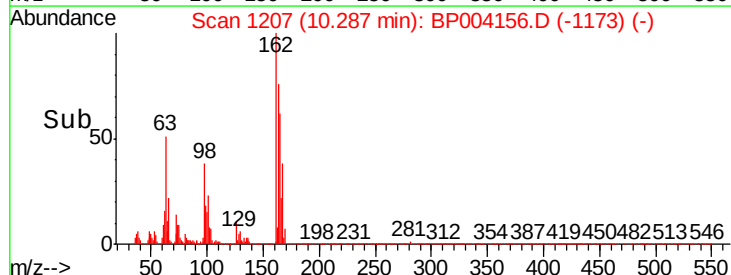
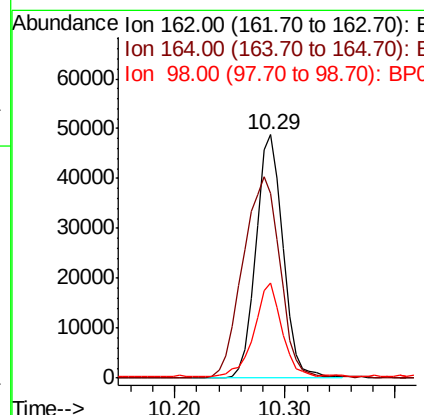
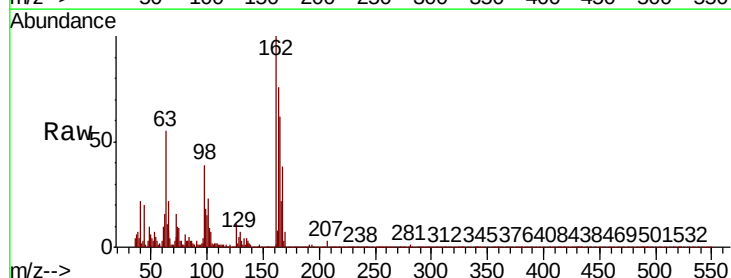
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-01

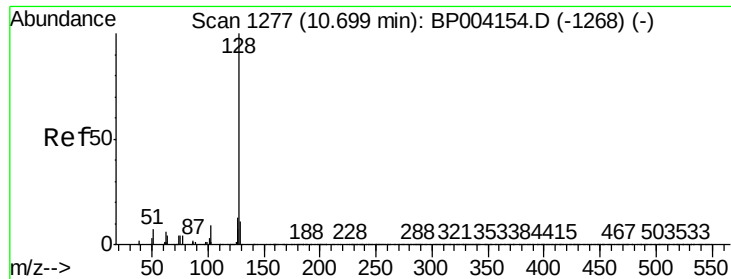
Tot Ion	Ratio	Lower	Upper
93	100		
95	32.6	27.0	40.4
123	10.8	8.8	13.2



#29
 2,4-Dichlorophenol
 Concen: 3.321 ng/ul
 RT: 10.29 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BP004156.D
 Acq: 05 Dec 2020 11:57

Tgt Ion	Ratio	Lower	Upper
162	100		
164	75.9	51.9	77.9
98	38.9	30.4	45.6





#30

Naphthalene

Concen: 3.499 ng/ul

RT: 10.70 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

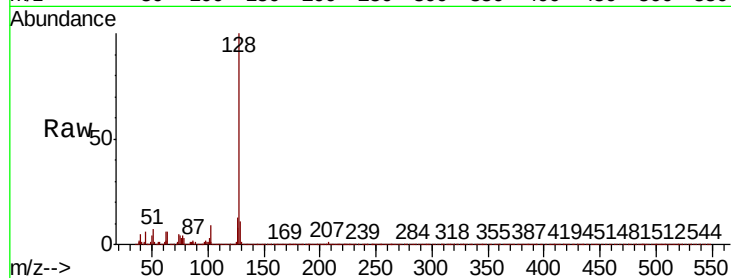
Tot Ion:128 Resp: 312577

Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

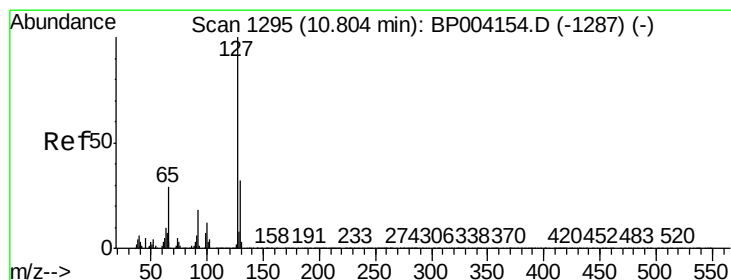
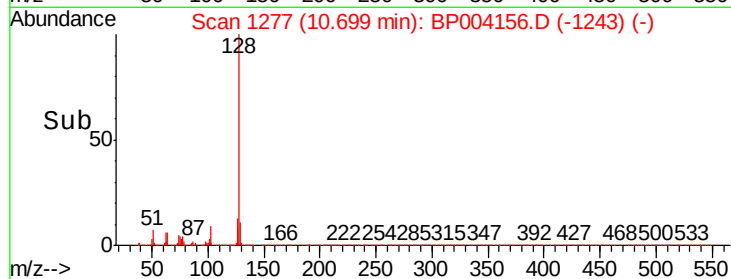
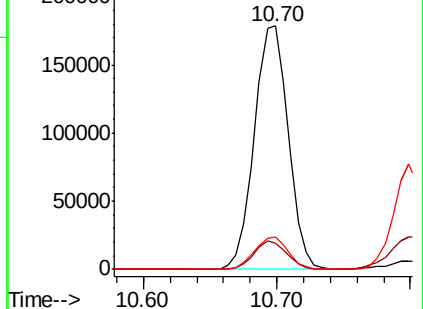
127 13.4 10.4 15.6



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: 3.483 ng/ul

RT: 10.80 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BP004156.D

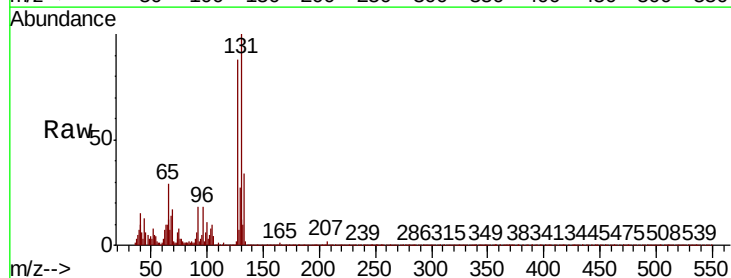
Acq: 05 Dec 2020 11:57

Tgt Ion:127 Resp: 127727

Ion Ratio Lower Upper

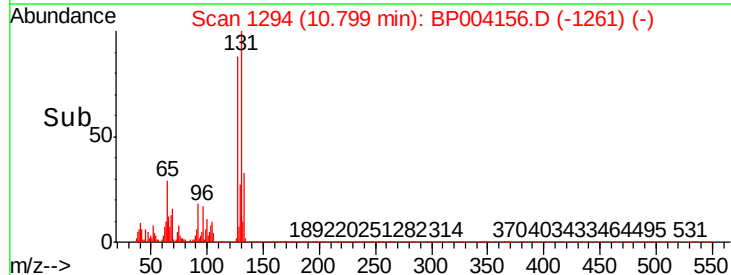
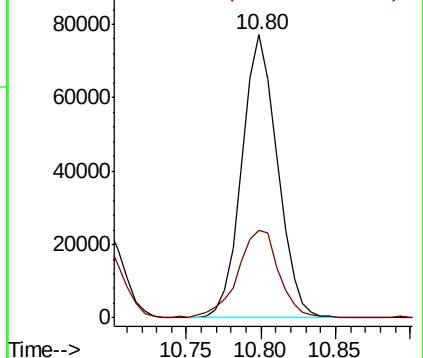
127 100

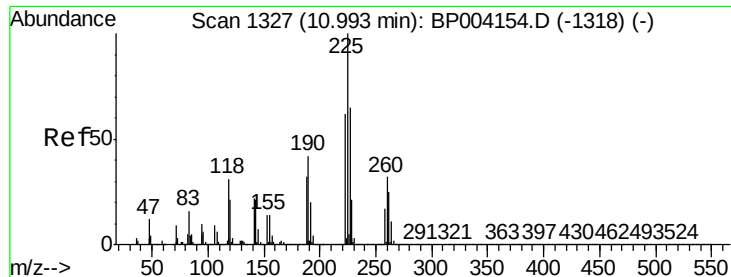
129 31.0 25.3 37.9



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

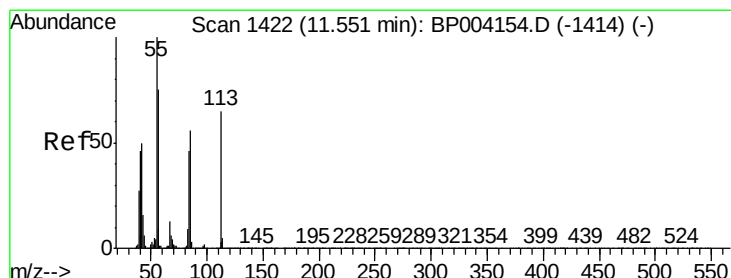
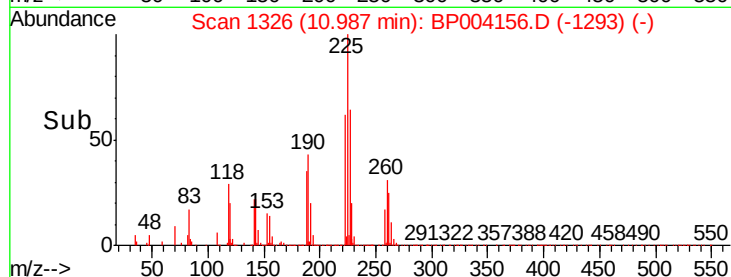
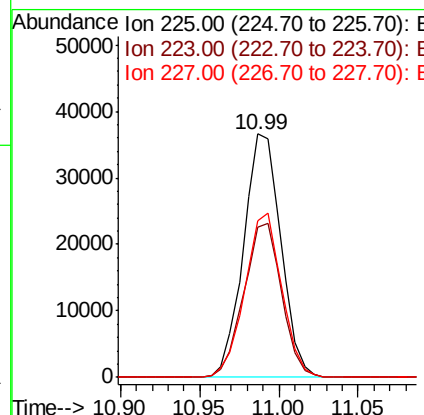
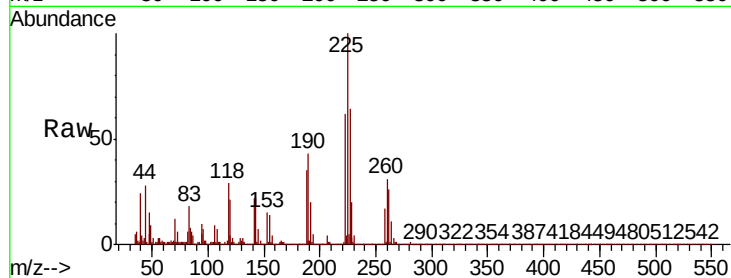




#33
Hexachlorobutadiene
Concen: 3.307 ng/ul
RT: 10.99 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

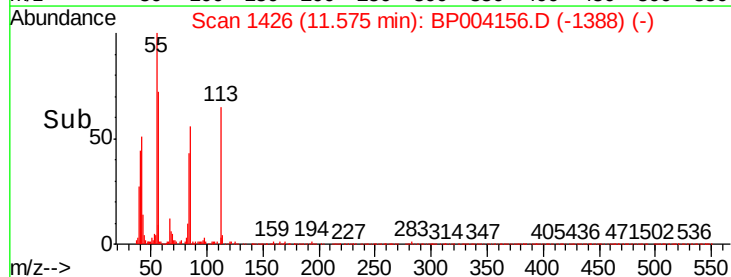
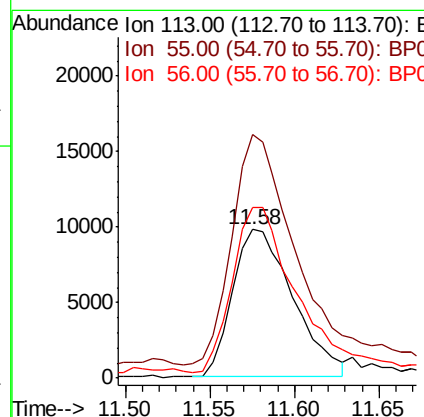
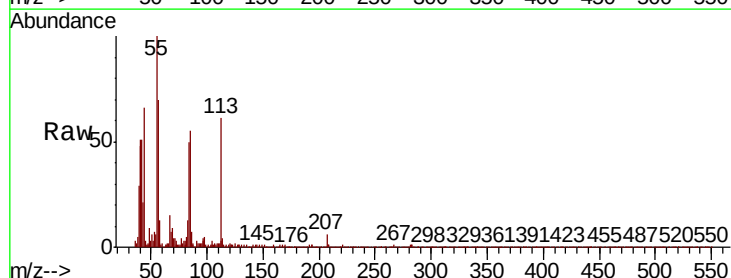
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-01

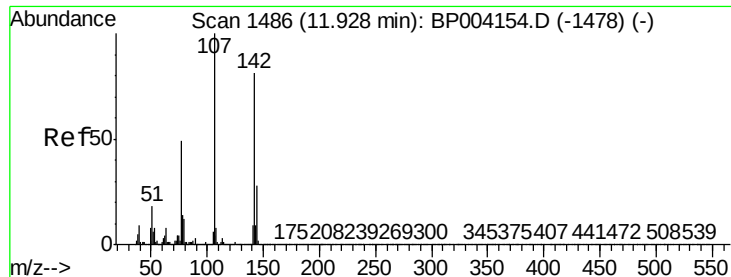
Tot Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.9	74.9
227	64.5	50.9	76.3



#34
Caprolactam
Concen: 2.606 ng/ul
RT: 11.58 min Scan# 1426
Delta R.T. 0.02 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

Tgt Ion	Ratio	Lower	Upper
113	100		
55	164.2	136.3	204.5
56	115.5	93.2	139.8

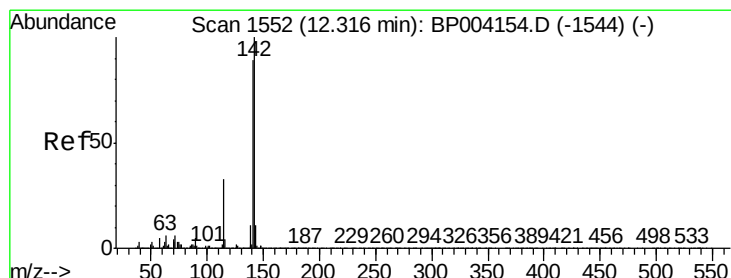
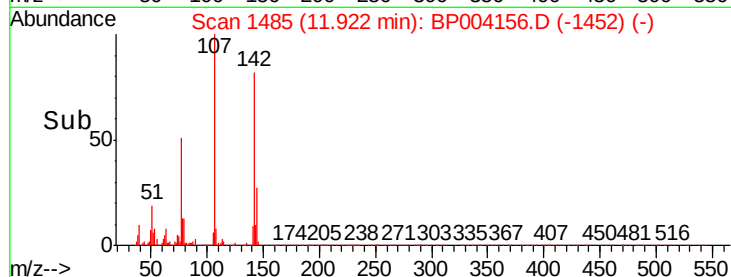
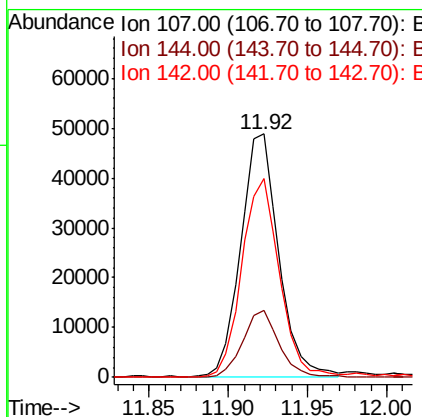
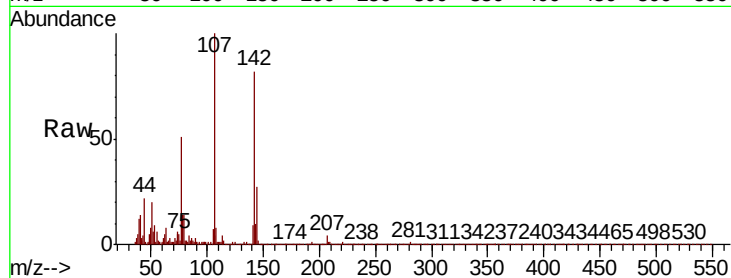




#35
4-Chloro-3-methylphenol
Concen: 2.887 ng/ul
RT: 11.92 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

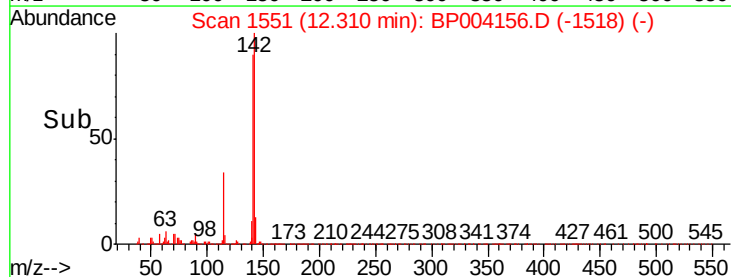
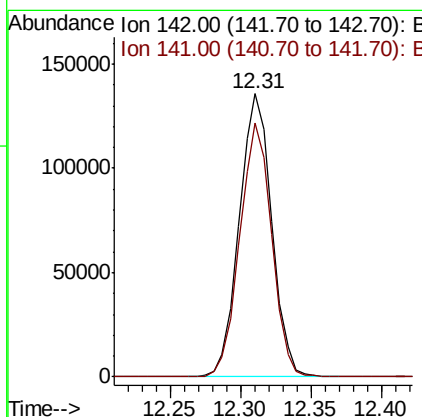
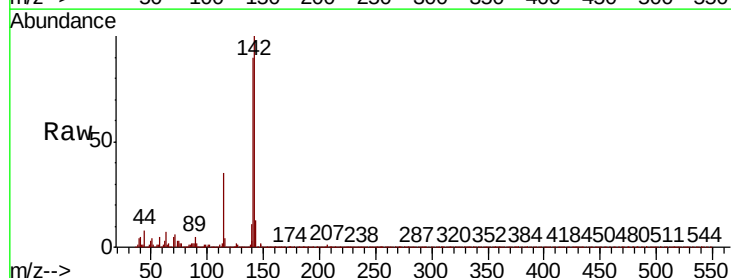
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-01

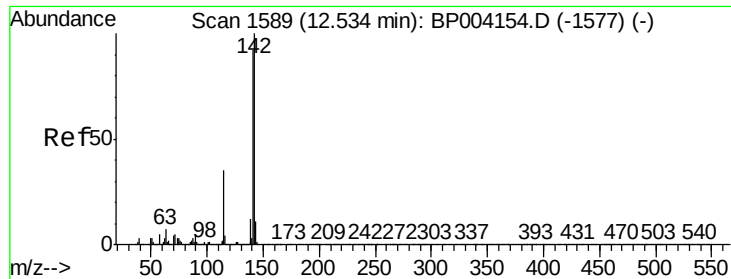
Tot Ion:107 Resp: 81016
Ion Ratio Lower Upper
107 100
144 27.5 20.1 30.1
142 81.9 63.4 95.0



#36
2-Methylnaphthalene
Concen: 3.460 ng/ul
RT: 12.31 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

Tgt Ion:142 Resp: 217678
Ion Ratio Lower Upper
142 100
141 89.6 71.1 106.7

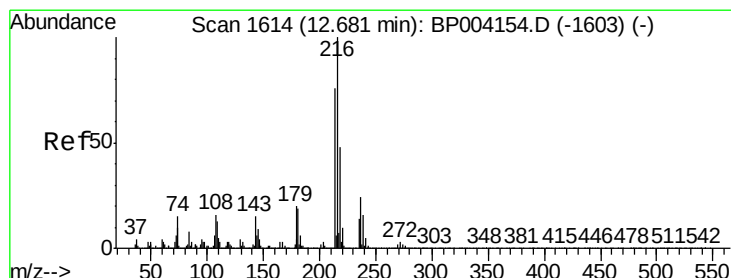
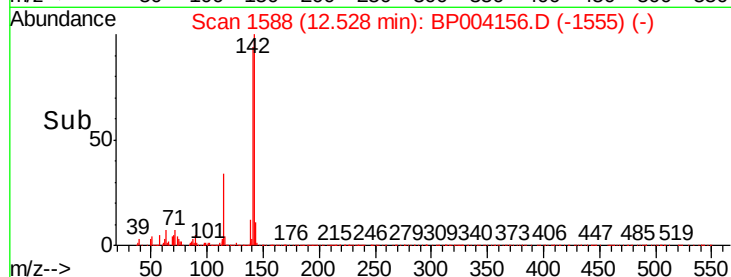
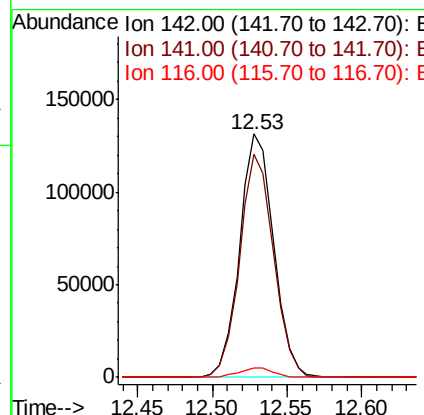
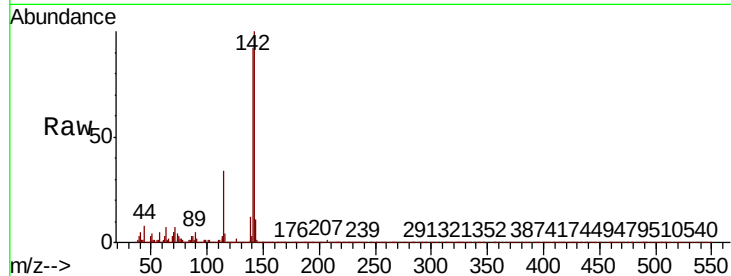




#37
 1-Methylnaphthalene
 Concen: 3.415 ng/ul
 RT: 12.53 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BP004156.D
 Acq: 05 Dec 2020 11:57

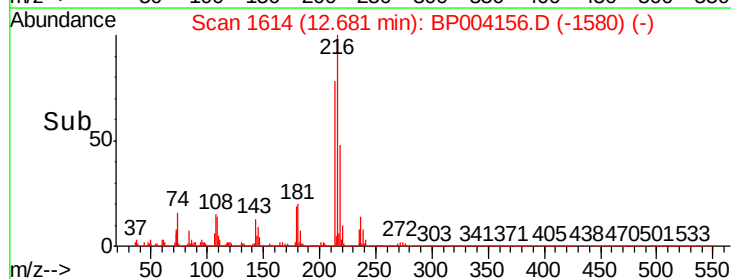
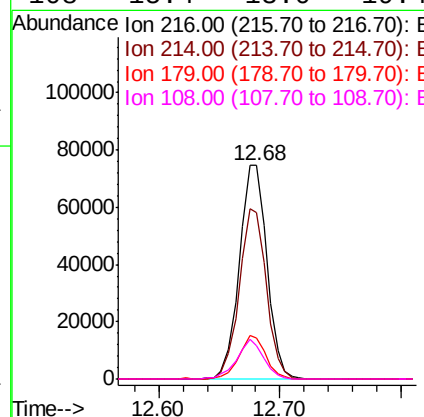
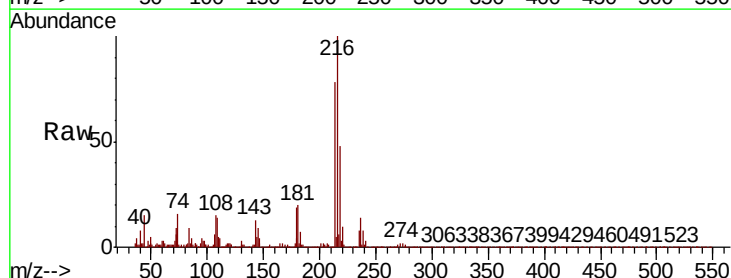
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-01

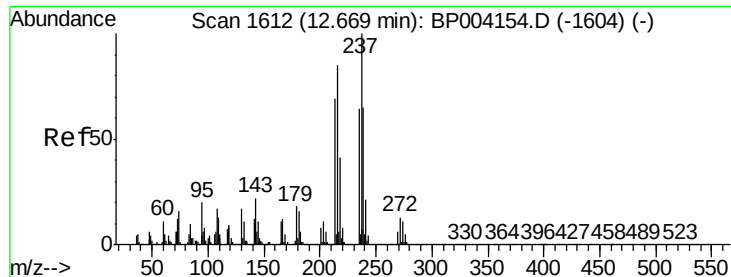
Tot Ion:	142	Resp:	206536
Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.6	112.0
116	3.9	3.0	4.4



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.484 ng/ul
 RT: 12.68 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BP004156.D
 Acq: 05 Dec 2020 11:57

Tgt Ion:	216	Resp:	119123
Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.4	93.6
179	19.2	16.6	25.0
108	15.4	13.0	19.4





#40

Hexachlorocyclopentadiene

Concen: 2.912 ng/ul

RT: 12.66 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

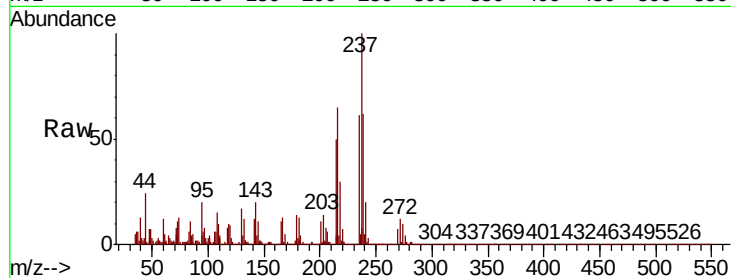
Tot Ion:237 Resp: 62238

Ion Ratio Lower Upper

237 100

235 60.6 50.6 75.8

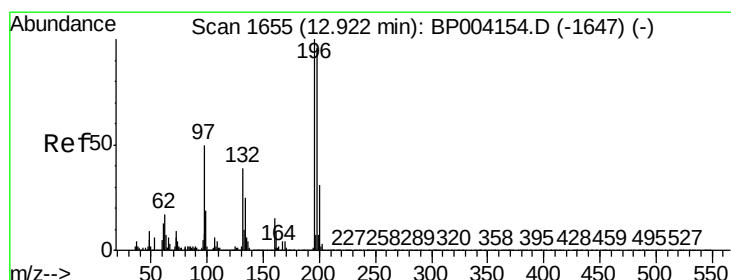
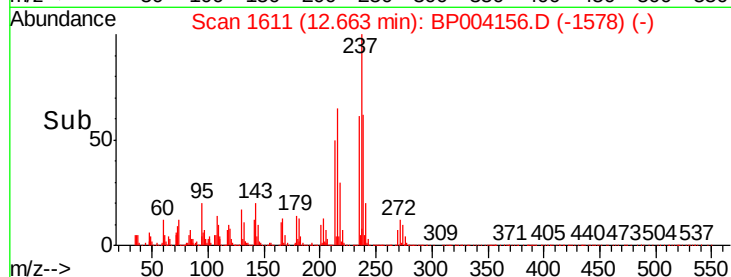
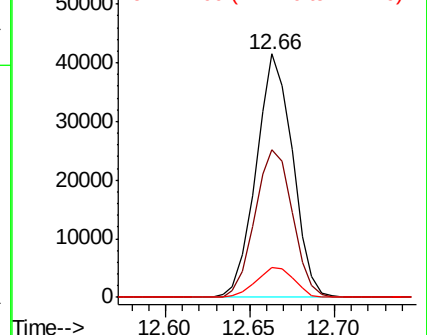
272 12.3 10.3 15.5



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: 2.838 ng/ul

RT: 12.92 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

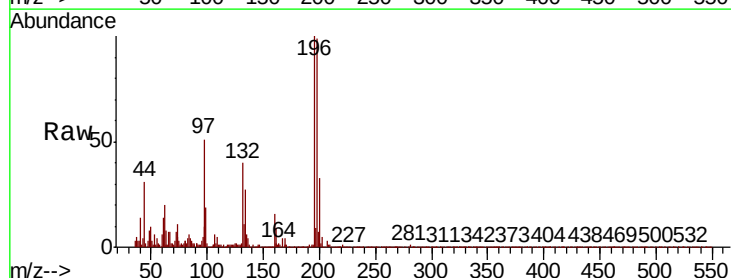
Tgt Ion:196 Resp: 55862

Ion Ratio Lower Upper

196 100

198 98.5 75.9 113.9

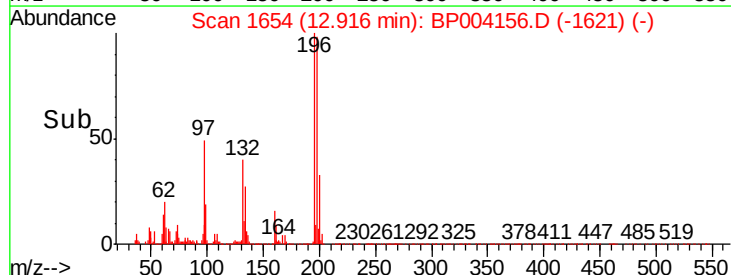
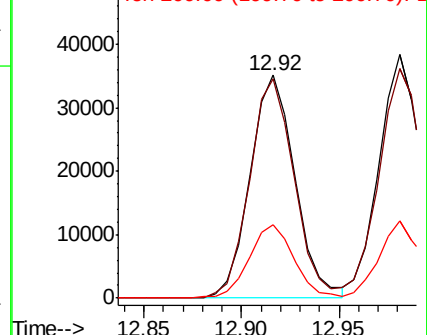
200 33.1 24.6 36.8

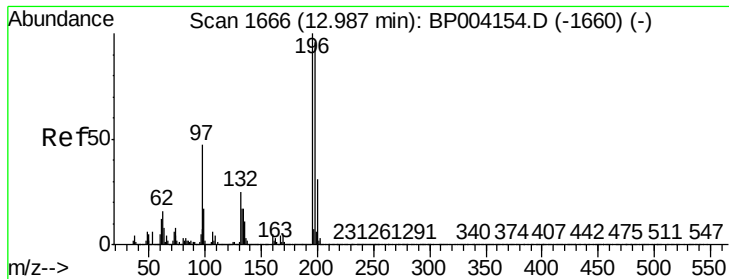


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

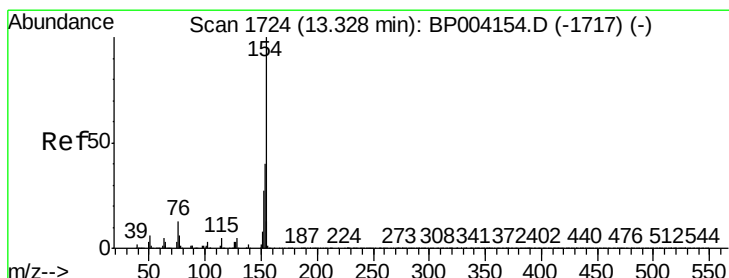
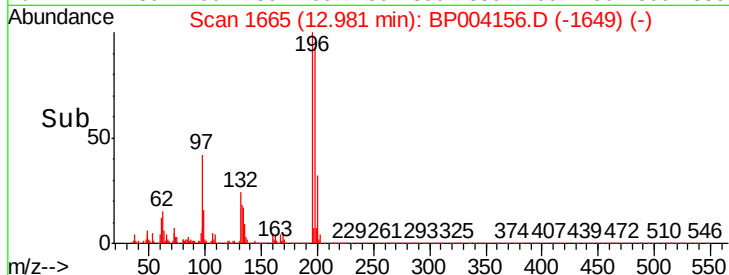
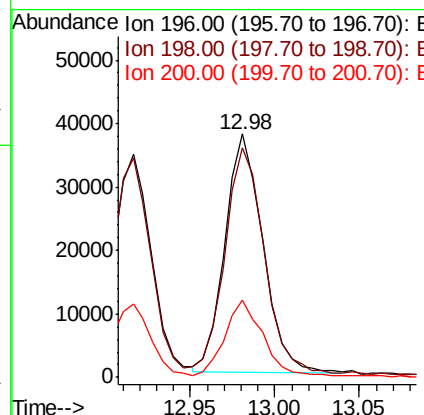
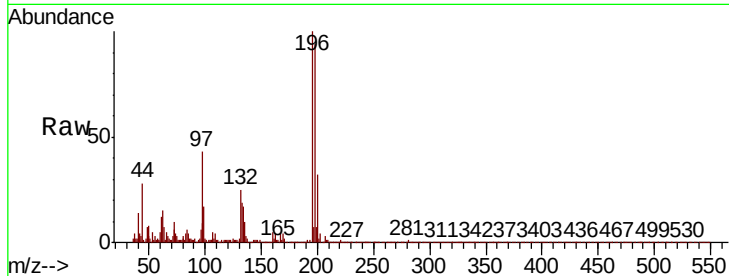




#42
 2,4,5-Trichlorophenol
 Concen: 2.775 ng/ul
 RT: 12.98 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BP004156.D
 Acq: 05 Dec 2020 11:57

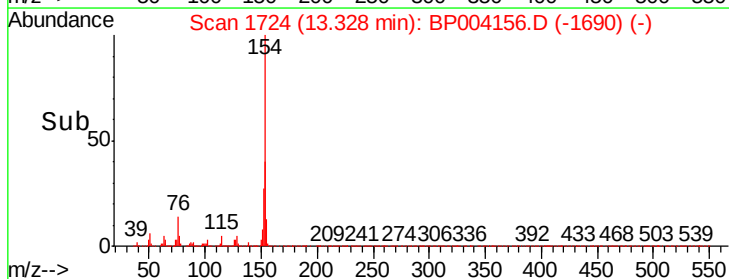
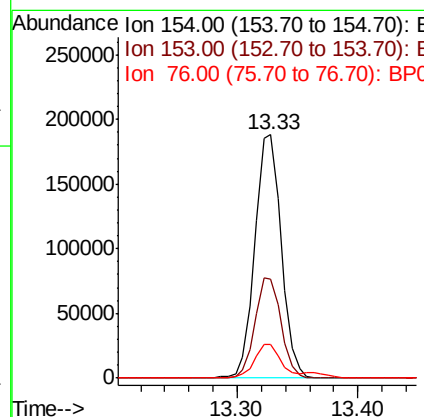
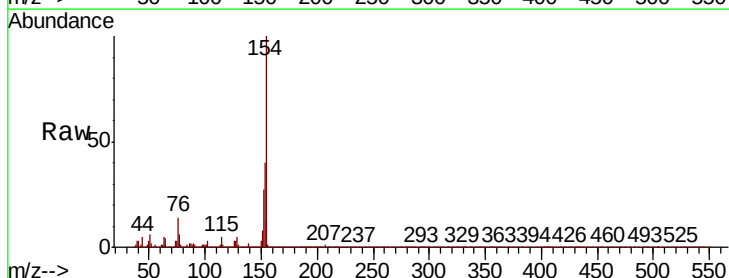
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-01

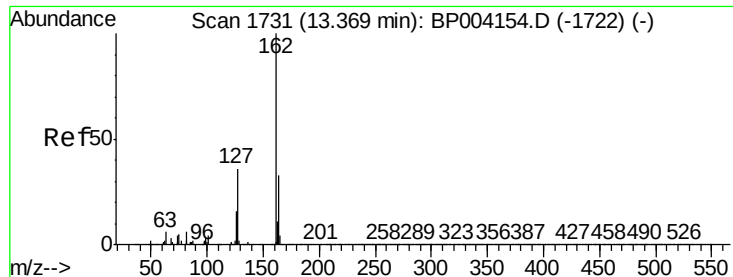
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.2	78.2	117.4
200	31.7	25.1	37.7



#43
 1,1'-Biphenyl
 Concen: 3.525 ng/ul
 RT: 13.33 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BP004156.D
 Acq: 05 Dec 2020 11:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	32.2	48.2
76	13.9	10.8	16.2

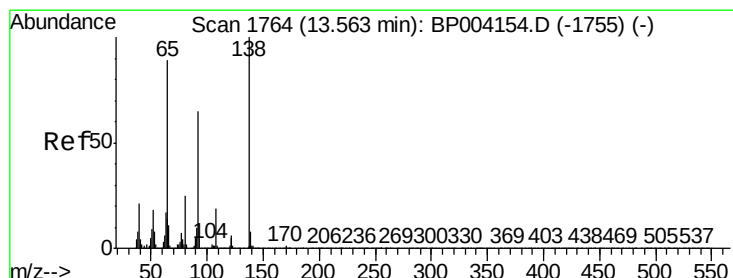
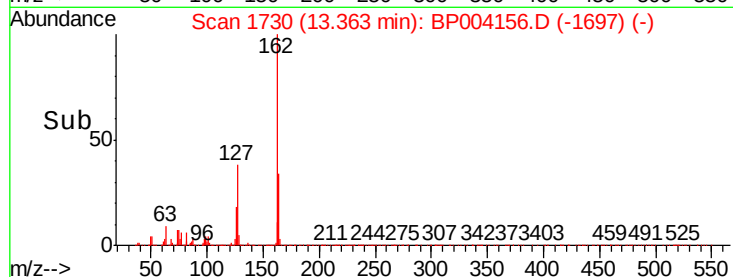
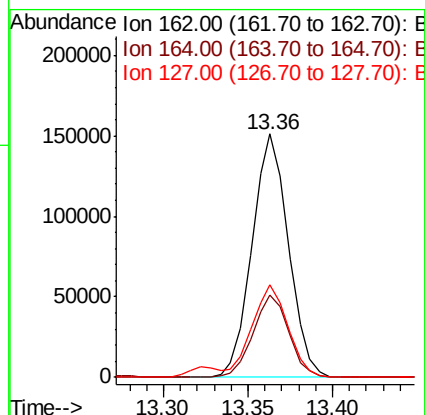
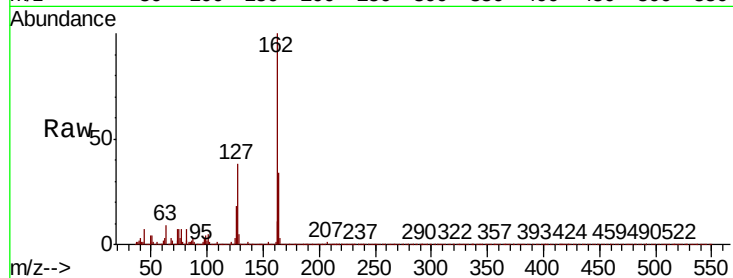




#44
2-Chloronaphthalene
Concen: 3.518 ng/ul
RT: 13.36 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

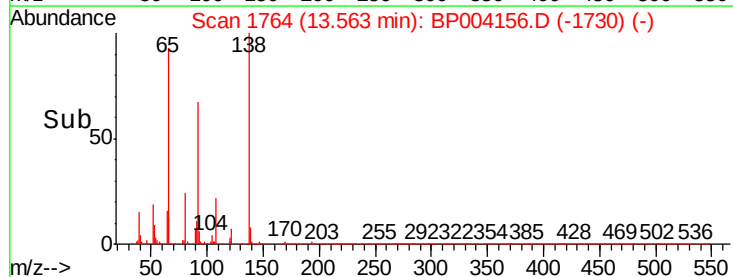
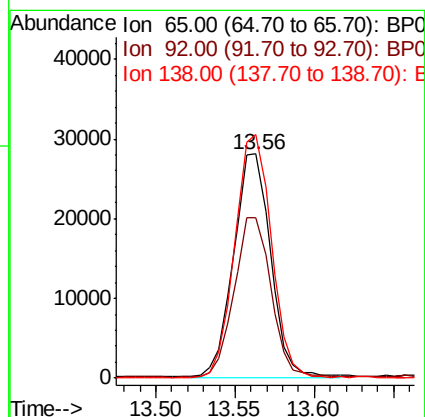
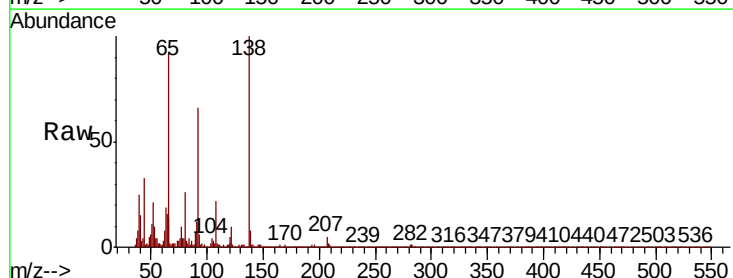
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-01

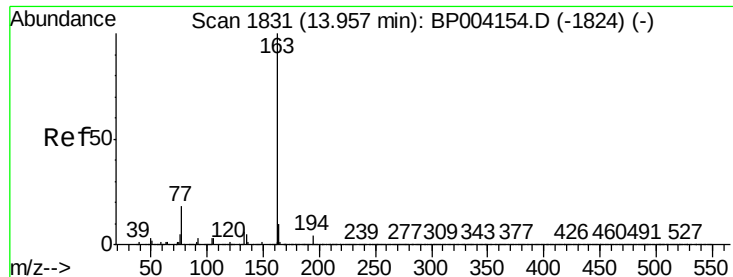
Tot Ion	Ratio	Lower	Upper
162	100		
164	33.6	26.2	39.4
127	38.0	30.4	45.6



#45
2-Nitroaniline
Concen: 2.867 ng/ul
RT: 13.56 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	59.4	89.2
138	108.6	89.6	134.4





#47

Dimethylphthalate

Concen: 3.413 ng/ul

RT: 13.95 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

Instrument :

BNA_P

ClientSampled :

MDL-SOIL-01

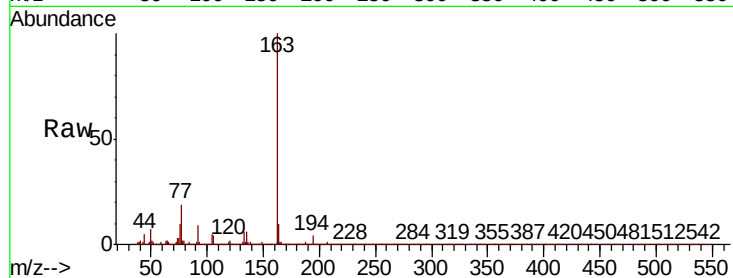
Tot Ion:163 Resp: 280187

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

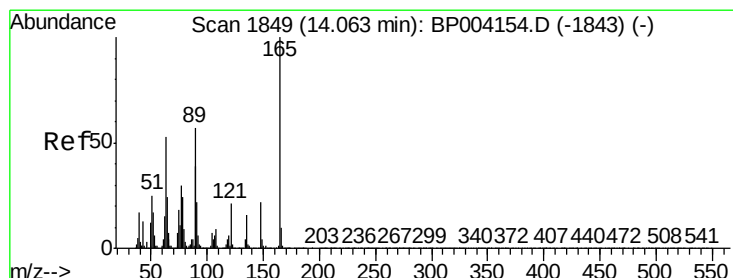
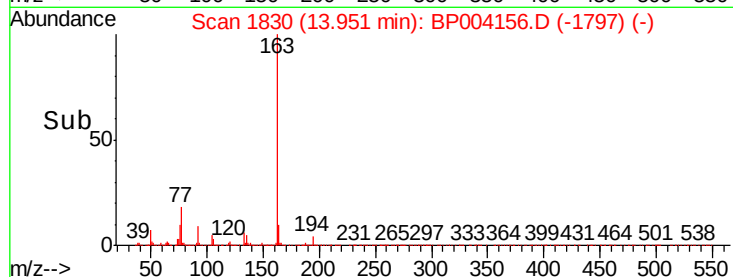
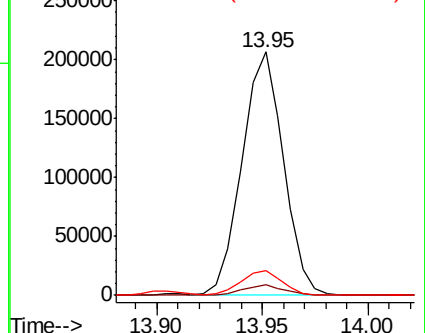
164 9.9 8.1 12.1



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: 2.829 ng/ul

RT: 14.06 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

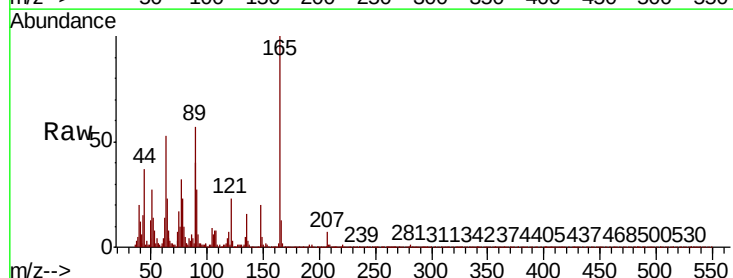
Tgt Ion:165 Resp: 42148

Ion Ratio Lower Upper

165 100

89 57.3 45.2 67.8

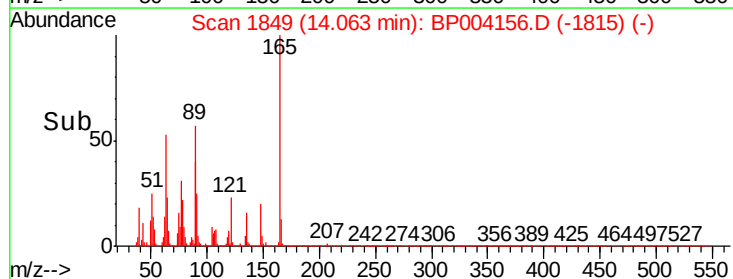
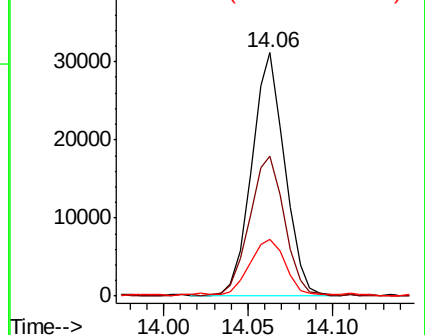
121 23.4 17.9 26.9

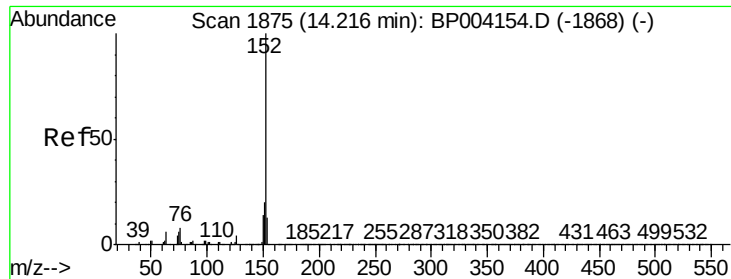


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BP0

Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthylene

Concen: 3.449 ng/ul

RT: 14.22 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

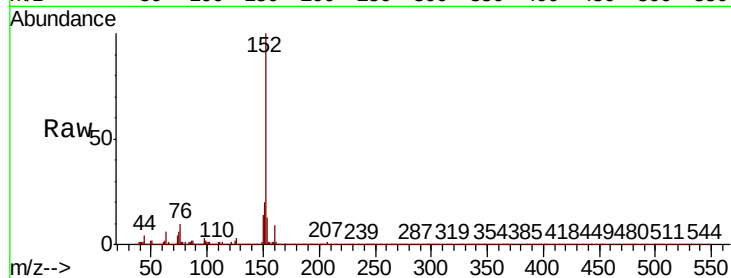
Tot Ion:152 Resp: 339558

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

153 12.7 10.5 15.7

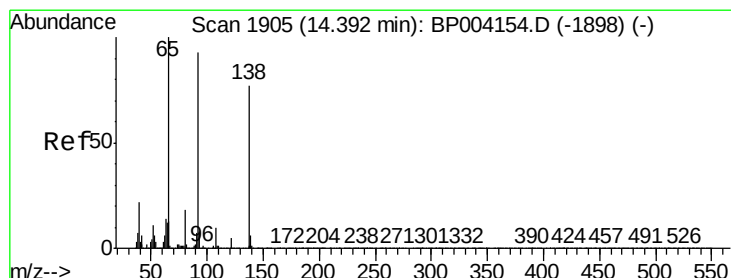
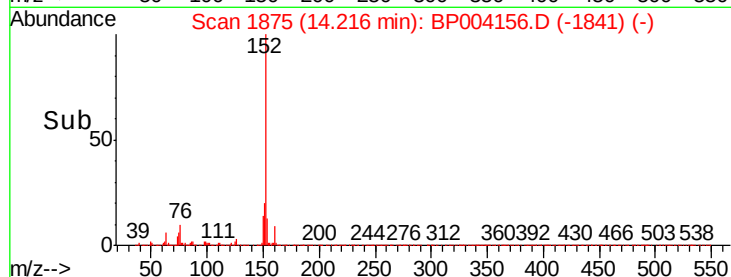
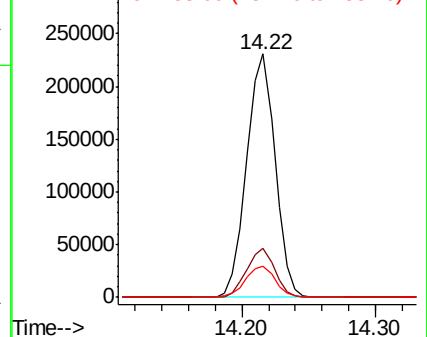


Abundance

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: 3.158 ng/ul

RT: 14.39 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

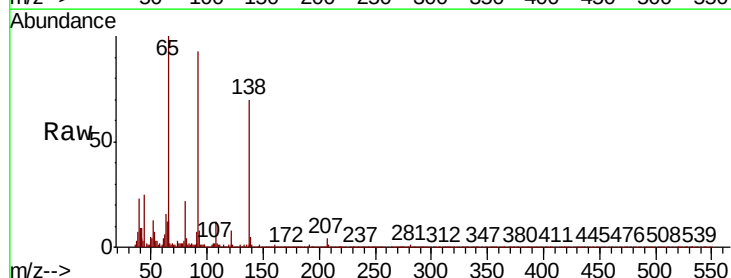
Tgt Ion:138 Resp: 43904

Ion Ratio Lower Upper

138 100

108 17.4 12.6 19.0

92 131.5 93.3 139.9

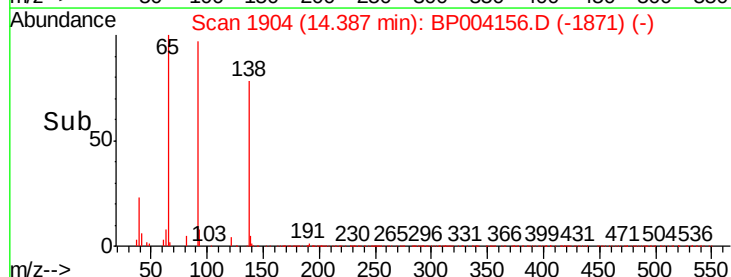
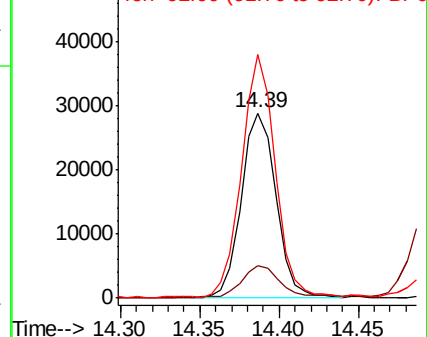


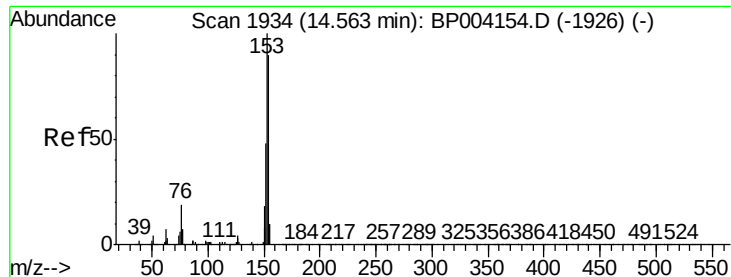
Abundance

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): BPO





#52

Acenaphthene

Concen: 3.434 ng/ul

RT: 14.56 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

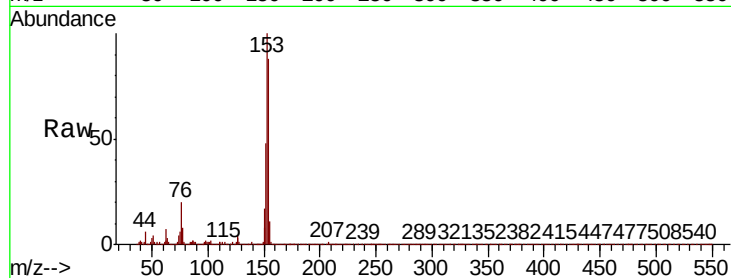
Tot Ion:153 Resp: 238532

Ion Ratio Lower Upper

153 100

152 47.5 38.0 57.0

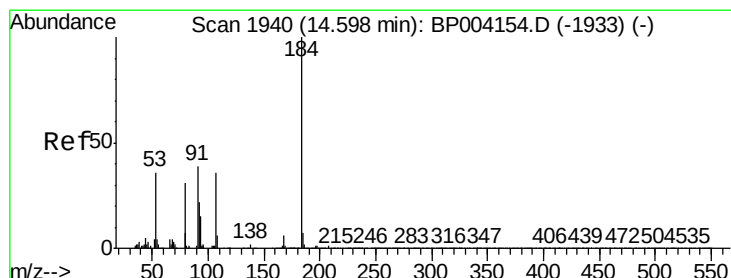
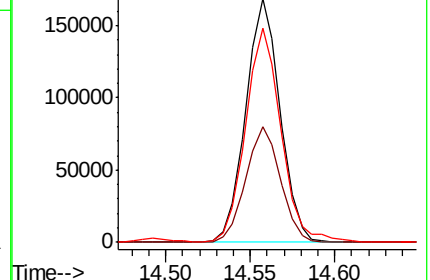
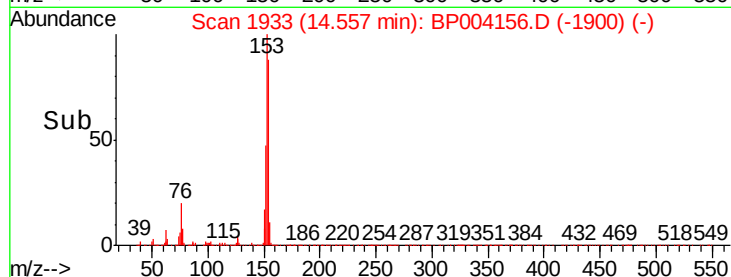
154 88.2 70.5 105.7



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: 1.945 ng/ul

RT: 14.59 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

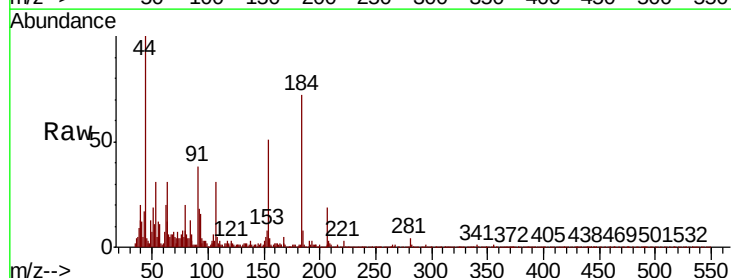
Tgt Ion:184 Resp: 11168

Ion Ratio Lower Upper

184 100

63 43.5 43.6 65.4#

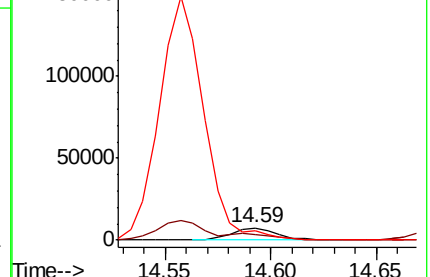
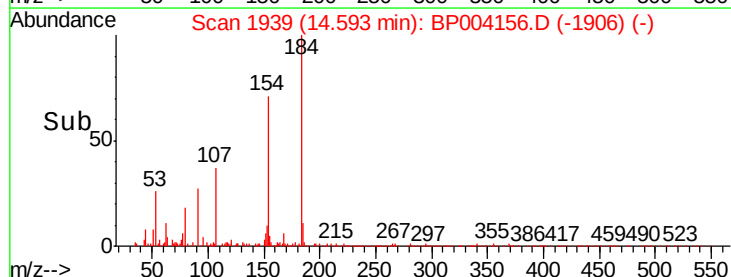
154 71.2 46.9 70.3#

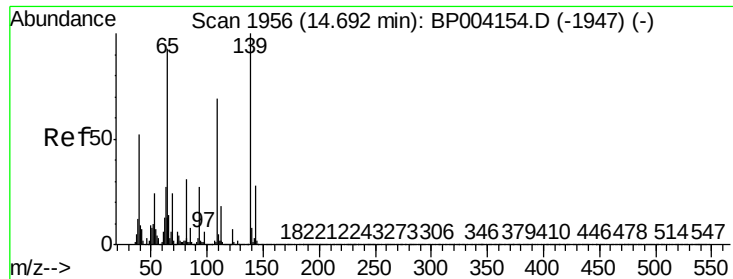


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E





#55

4-Nitrophenol

Concen: 3.321 ng/ul

RT: 14.69 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

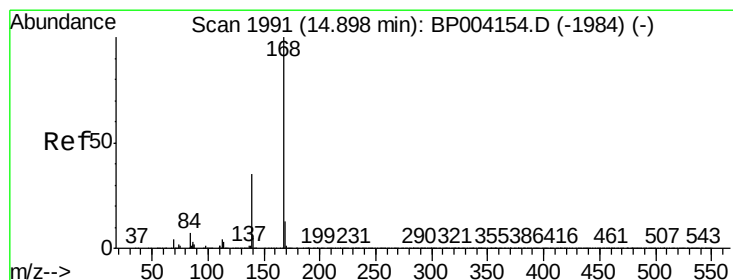
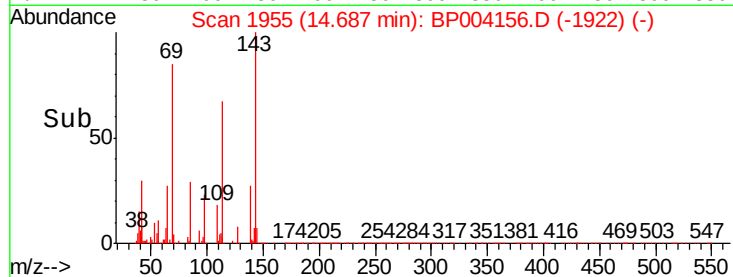
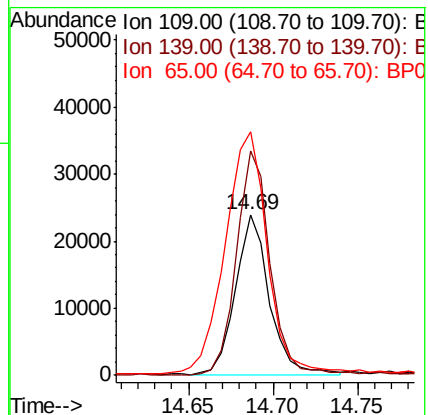
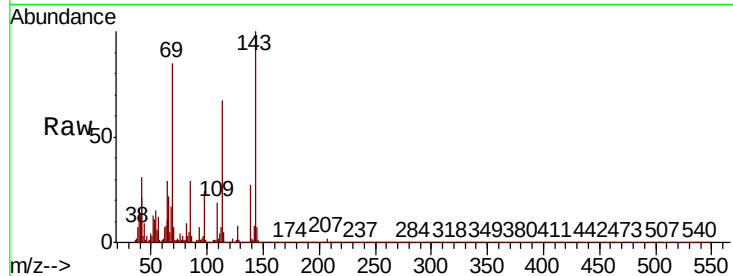
Tot Ion:109 Resp: 33053

Ion Ratio Lower Upper

109 100

139 139.3 111.9 167.9

65 151.5 99.2 148.8#



#56

Dibenzofuran

Concen: 3.498 ng/ul

RT: 14.89 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BP004156.D

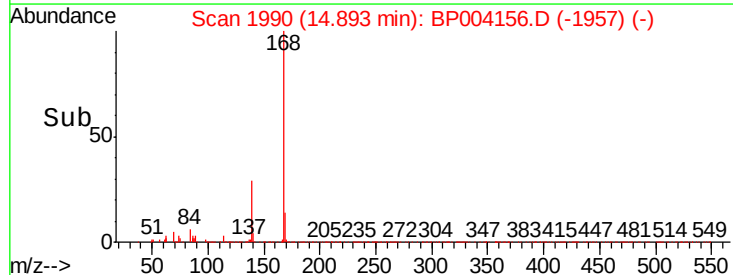
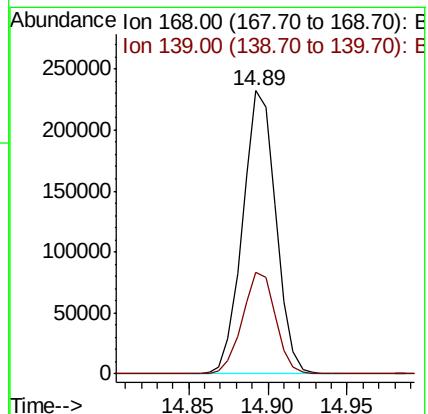
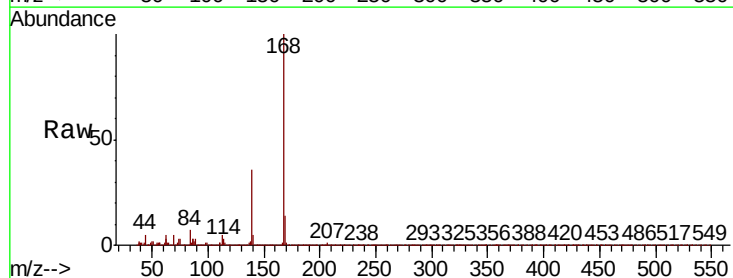
Acq: 05 Dec 2020 11:57

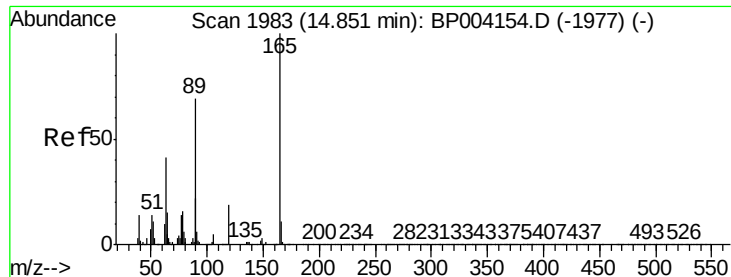
Tgt Ion:168 Resp: 336747

Ion Ratio Lower Upper

168 100

139 36.0 28.6 42.8





#57

2,4-Dinitrotoluene

Concen: 2.987 ng/ul

RT: 14.85 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

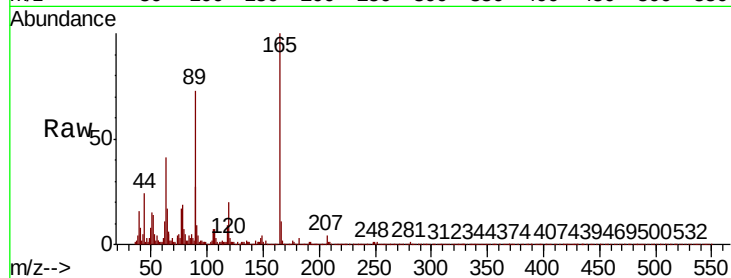
Tot Ion:165 Resp: 60788

Ion Ratio Lower Upper

165 100

63 41.0 32.1 48.1

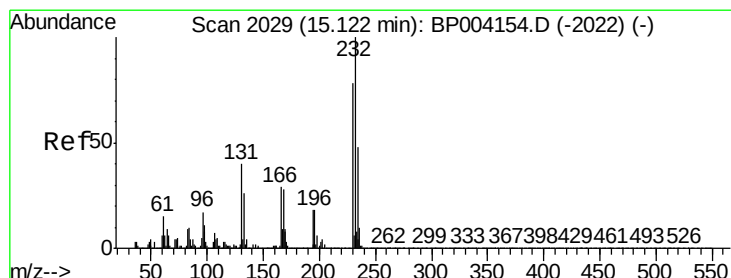
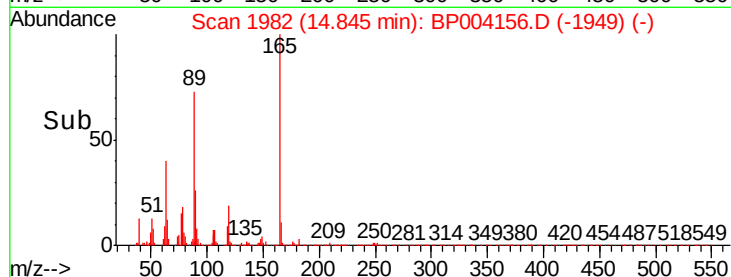
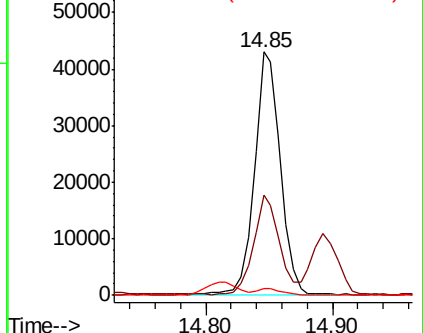
182 2.6 2.4 3.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 2.796 ng/ul

RT: 15.12 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

Tgt Ion:232 Resp: 48361

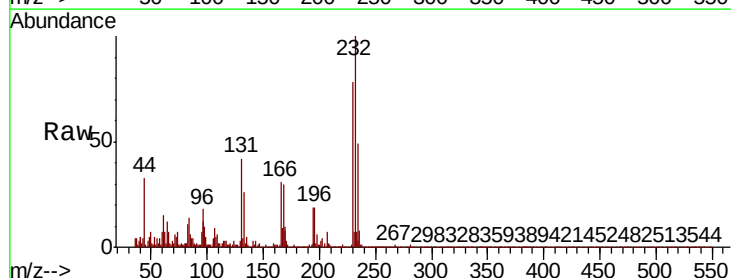
Ion Ratio Lower Upper

232 100

131 42.3 31.5 47.3

130 2.7 1.7 2.5#

166 30.8 22.7 34.1

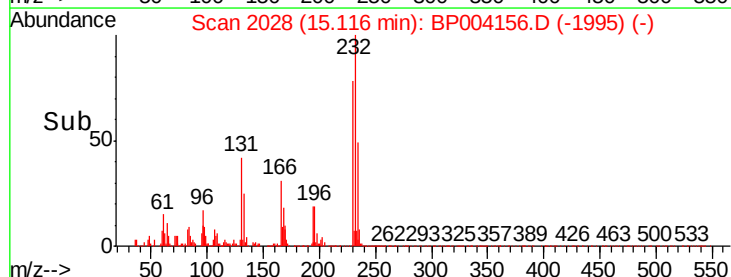
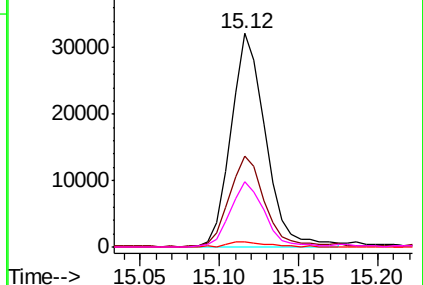


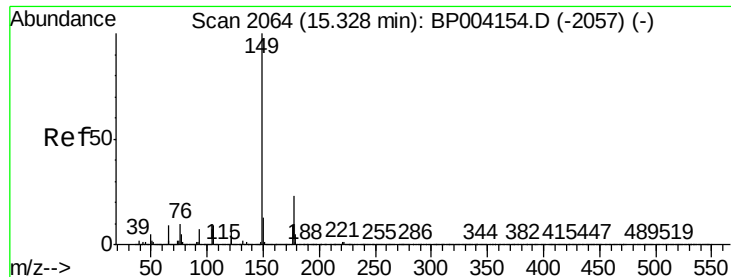
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

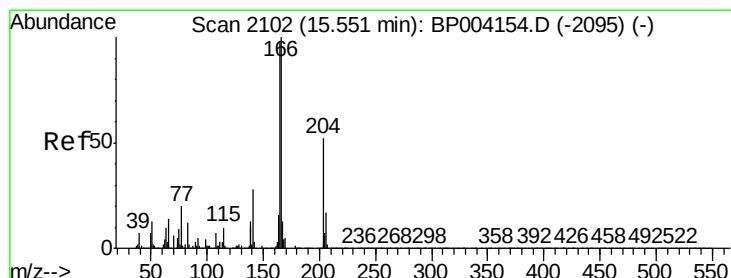
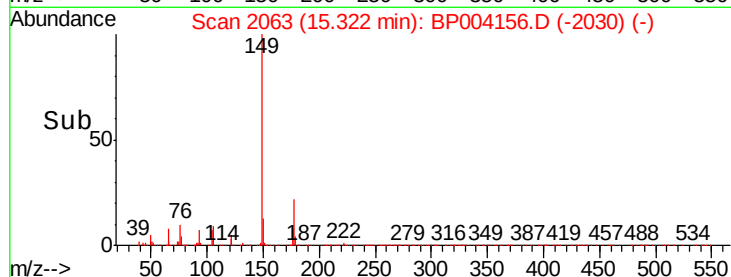
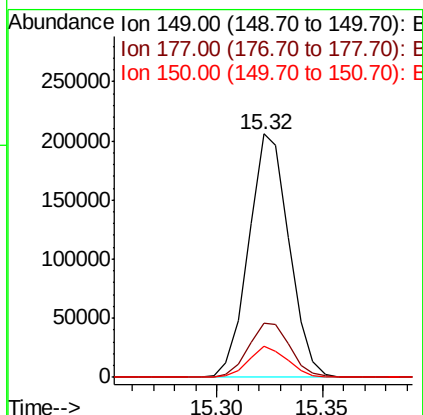
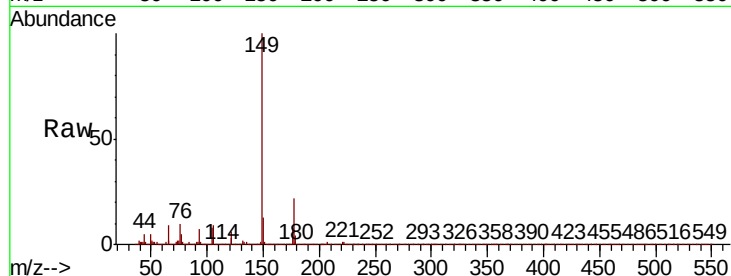




#59
Diethylphthalate
Concen: 3.299 ng/ul
RT: 15.32 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

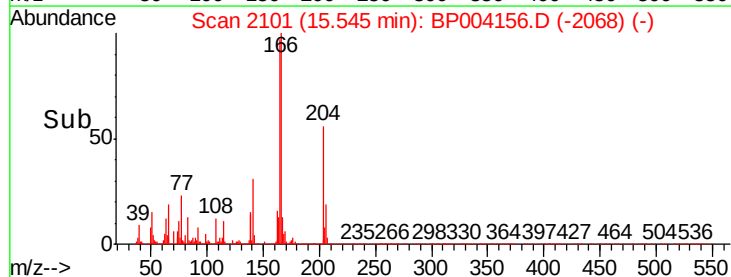
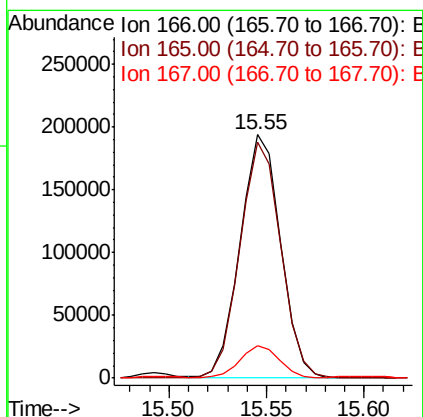
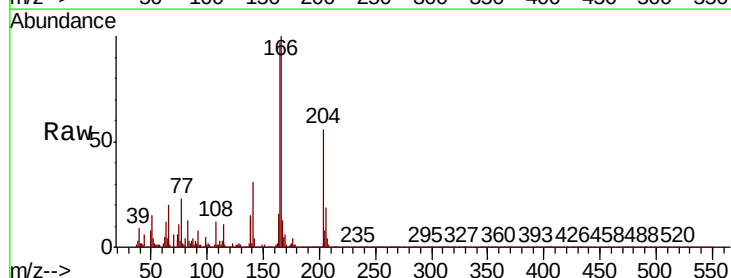
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-01

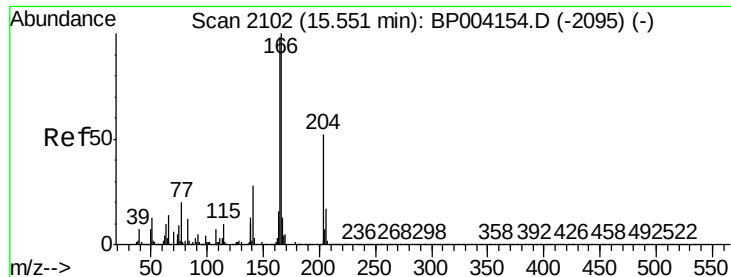
Tot Ion:149 Resp: 273303
Ion Ratio Lower Upper
149 100
177 22.2 18.5 27.7
150 12.5 10.1 15.1



#61
Fluorene
Concen: 3.491 ng/ul
RT: 15.55 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

Tgt Ion:166 Resp: 278914
Ion Ratio Lower Upper
166 100
165 96.8 77.8 116.6
167 13.1 11.0 16.4

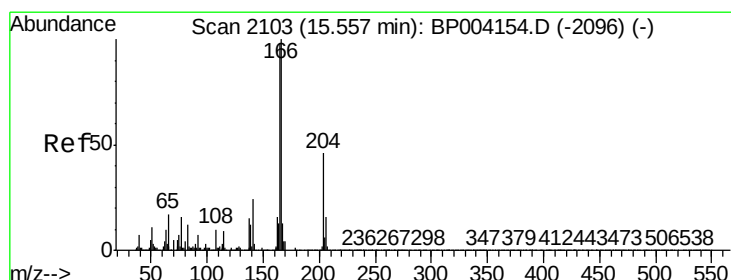
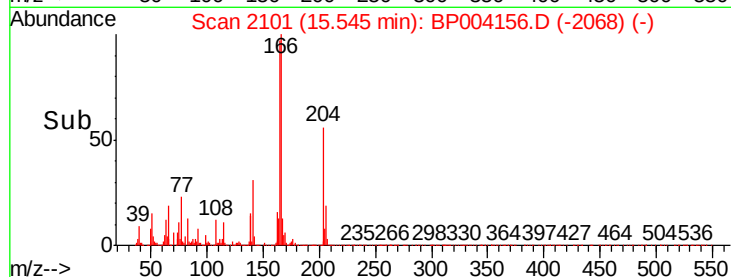
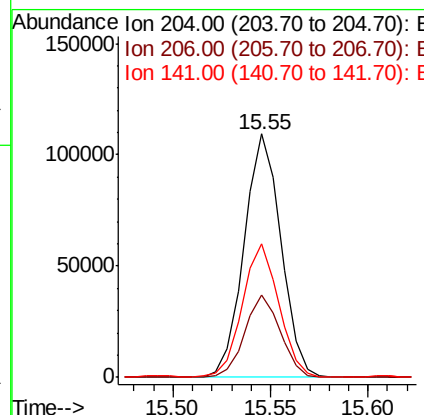
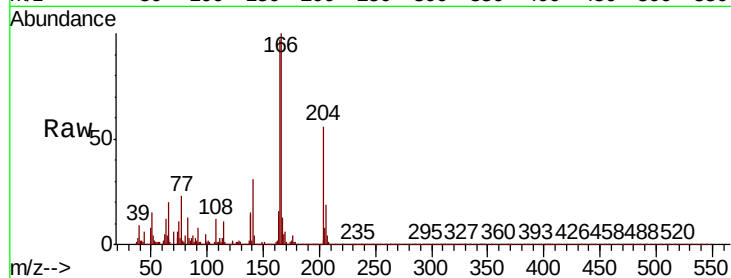




#62
4-Chlorophenyl-phenylether
Concen: 3.437 ng/ul
RT: 15.55 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

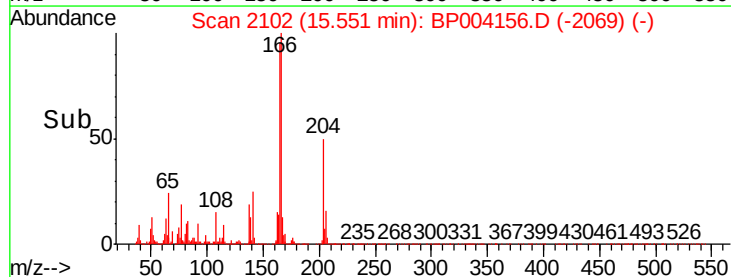
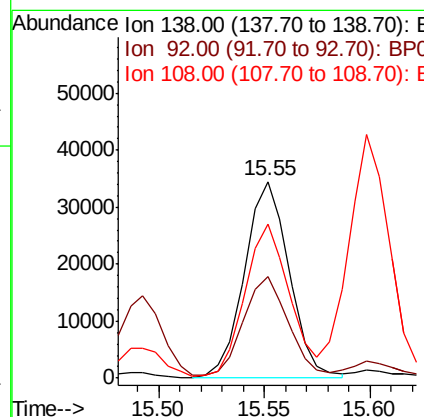
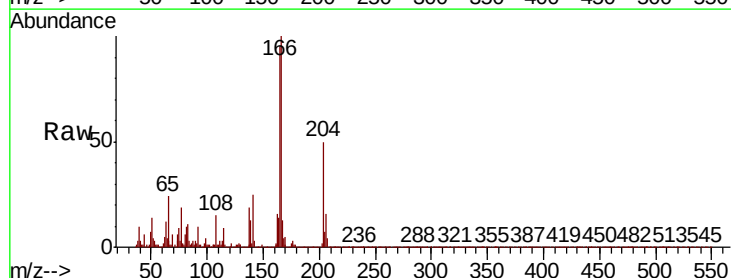
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-01

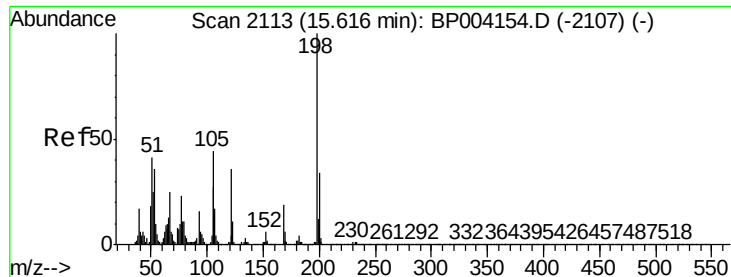
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.7	40.1
141	54.9	42.2	63.2



#63
4-Nitroaniline
Concen: 3.838 ng/ul
RT: 15.55 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.4	42.3	63.5
108	78.6	60.2	90.2

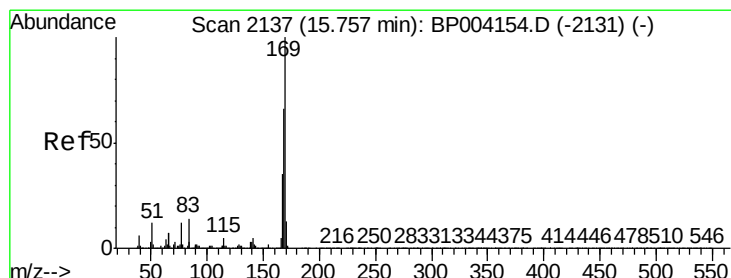
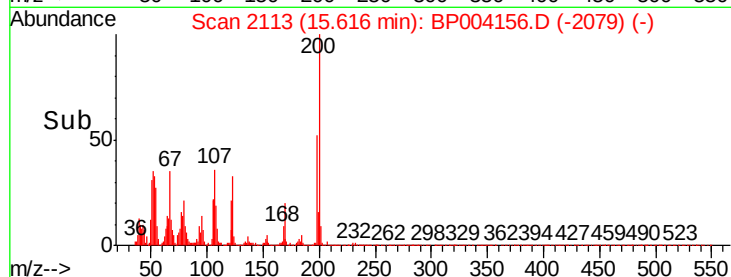
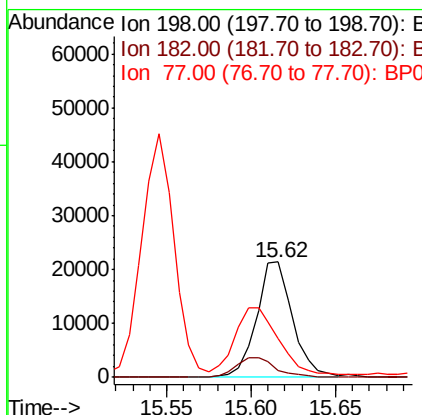
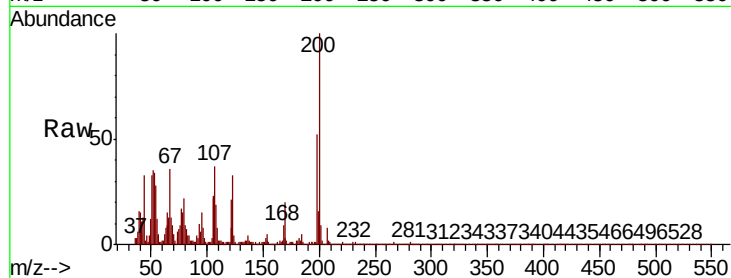




#66
 4,6-Dinitro-2-methylphenol
 Concen: 3.118 ng/ul
 RT: 15.62 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BP004156.D
 Acq: 05 Dec 2020 11:57

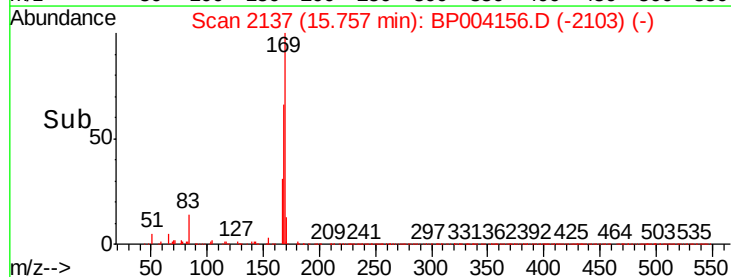
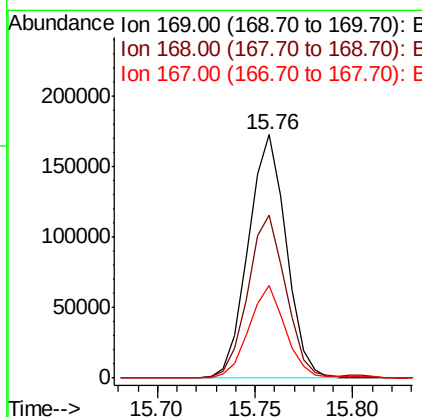
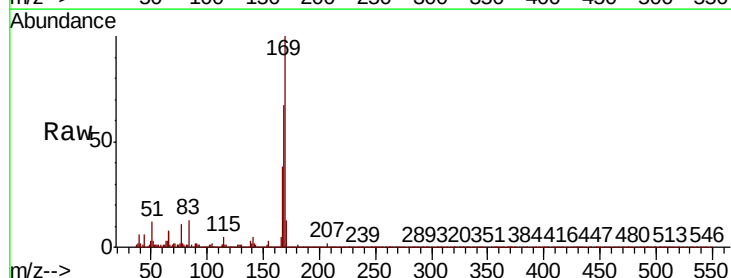
Instrument :
 BNA_P
 ClientSampled :
 MDL-SOIL-01

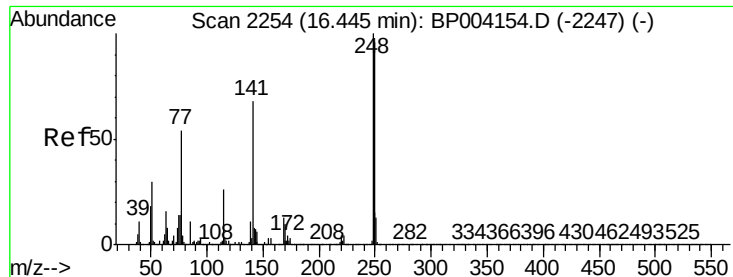
Tot Ion:198 Resp: 31582
 Ion Ratio Lower Upper
 198 100
 182 6.4 3.8 5.6#
 77 33.6 19.7 29.5#



#67
 N-Nitrosodiphenylamine
 Concen: 3.382 ng/ul
 RT: 15.76 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BP004156.D
 Acq: 05 Dec 2020 11:57

Tgt Ion:169 Resp: 232506
 Ion Ratio Lower Upper
 169 100
 168 67.1 52.7 79.1
 167 37.9 28.2 42.2

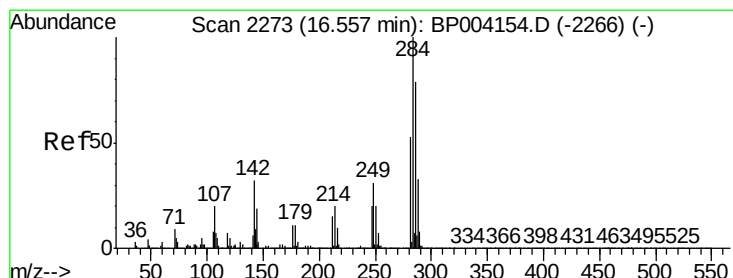
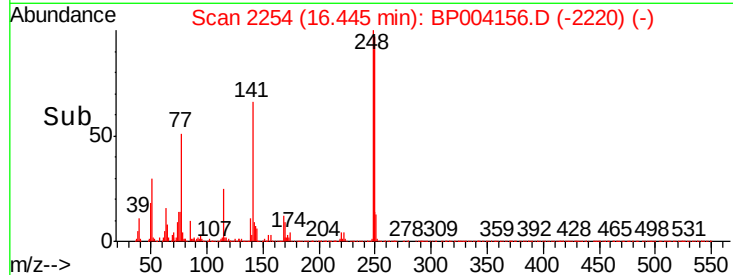
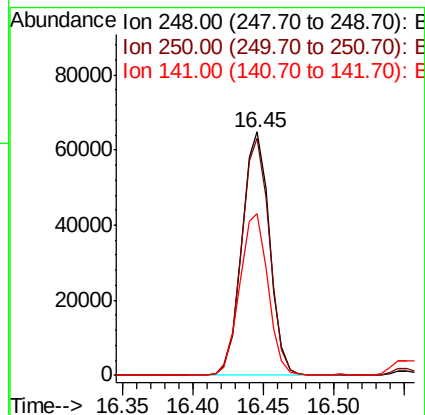
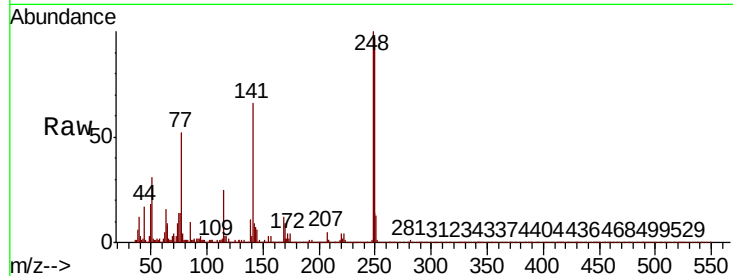




#68
4-Bromophenyl-phenylether
Concen: 3.297 ng/ul
RT: 16.45 min Scan# 2254
Delta R.T. 0.00 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

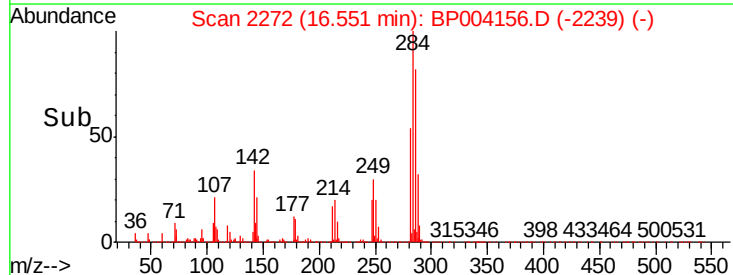
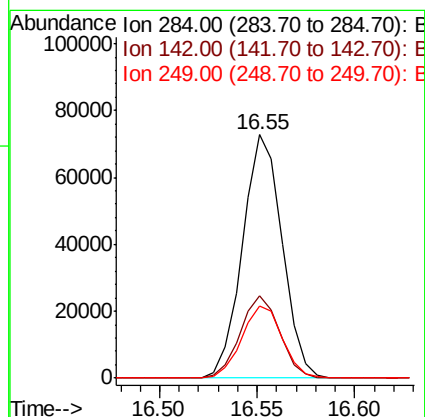
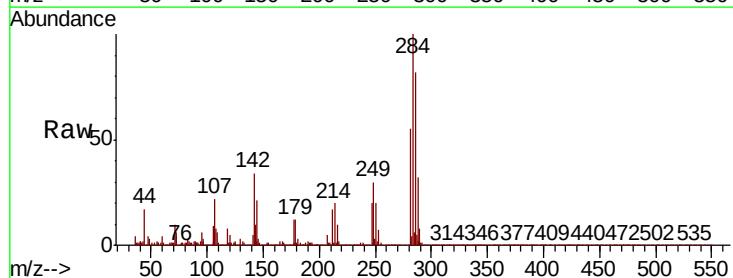
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-01

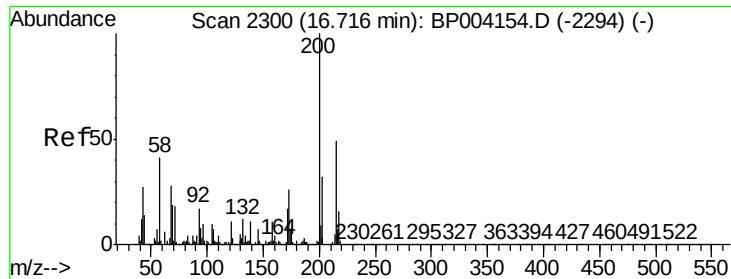
Tot Ion:248 Resp: 88161
Ion Ratio Lower Upper
248 100
250 97.2 75.5 113.3
141 66.2 53.2 79.8



#69
Hexachlorobenzene
Concen: 3.443 ng/ul
RT: 16.55 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

Tgt Ion:284 Resp: 102661
Ion Ratio Lower Upper
284 100
142 33.9 25.4 38.0
249 29.8 25.4 38.2





#70

Atrazine

Concen: 2.994 ng/ul

RT: 16.71 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

Instrument :

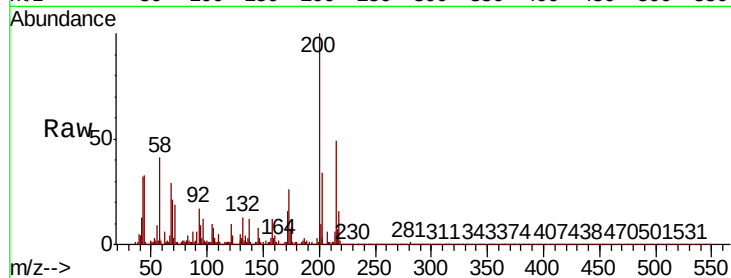
BNA_P

ClientSampleId :

MDL-SOIL-01

Tot Ion:200 Resp: 80416

Ion	Ratio	Lower	Upper
200	100		
173	25.6	21.4	32.0
215	48.5	39.9	59.9

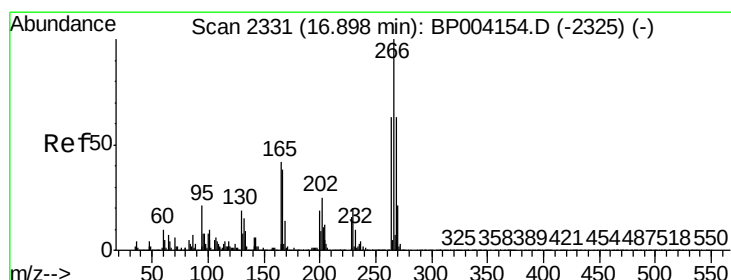
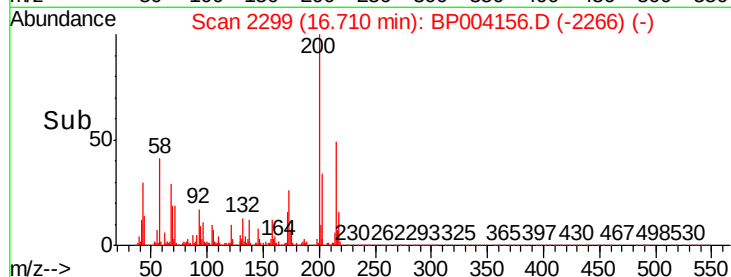
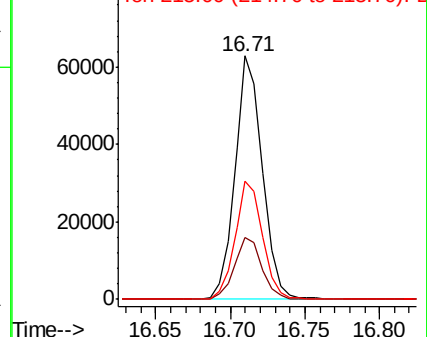


Abundance

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: 2.746 ng/ul

RT: 16.90 min Scan# 2331

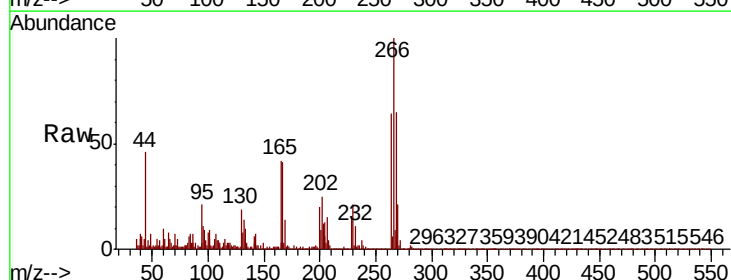
Delta R.T. 0.00 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

Tgt Ion:266 Resp: 39116

Ion	Ratio	Lower	Upper
266	100		
264	64.3	49.2	73.8
268	65.1	50.0	75.0

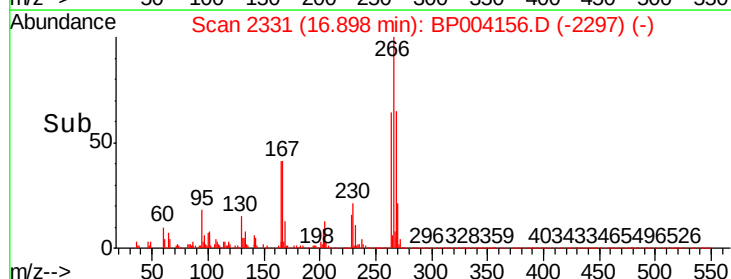
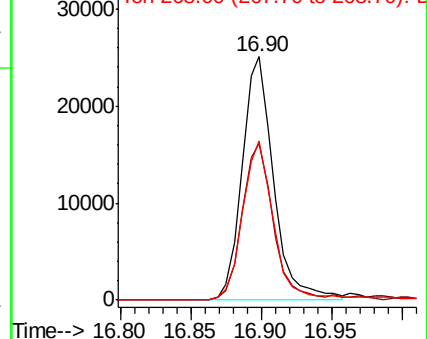


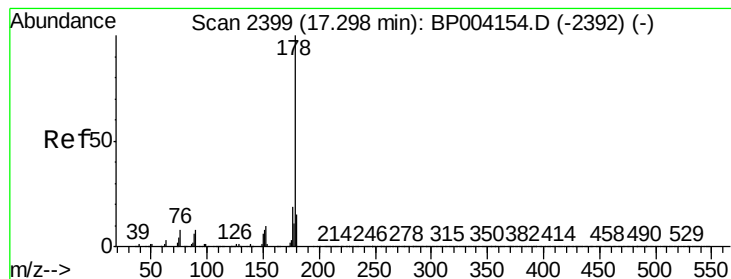
Abundance

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: 3.516 ng/ul

RT: 17.29 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

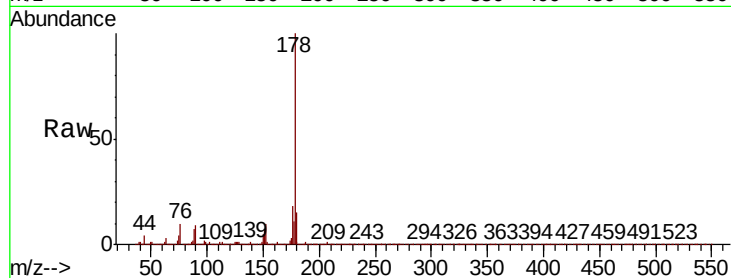
Tot Ion:178 Resp: 451862

Ion Ratio Lower Upper

178 100

179 14.9 12.1 18.1

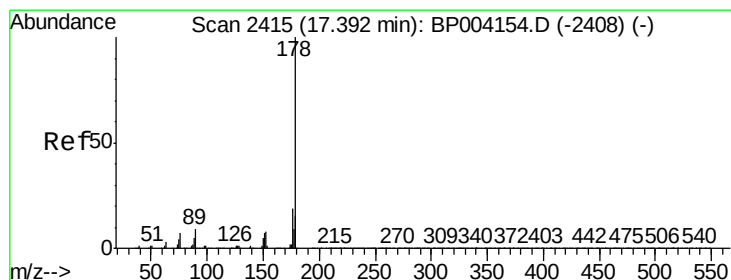
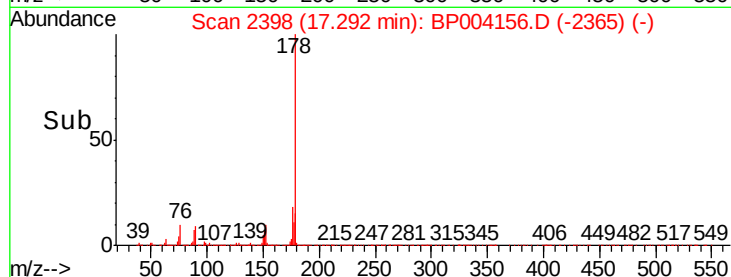
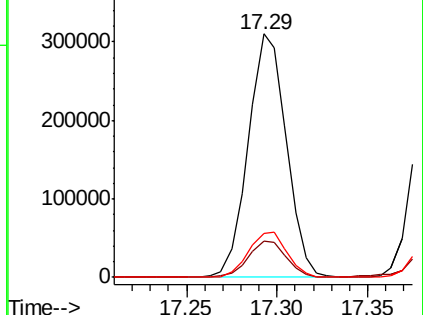
176 17.9 15.4 23.2



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: 3.513 ng/ul

RT: 17.39 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

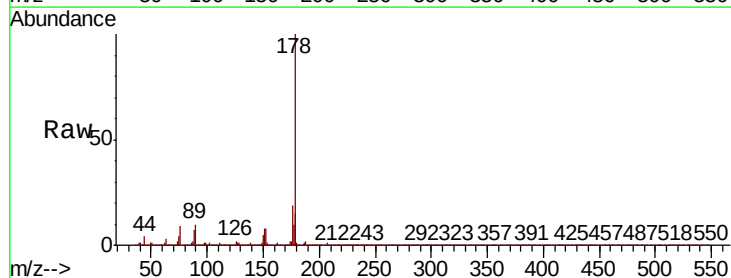
Tgt Ion:178 Resp: 459979

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

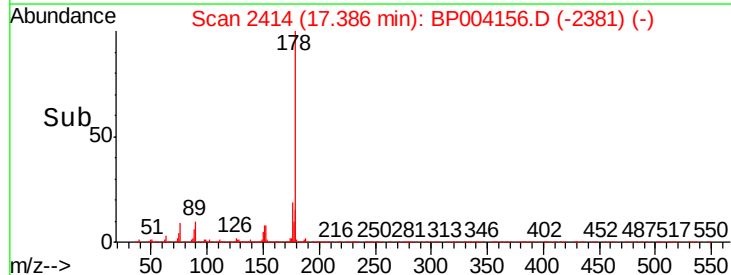
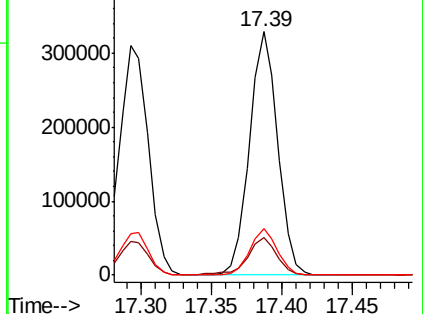
176 19.0 14.6 22.0

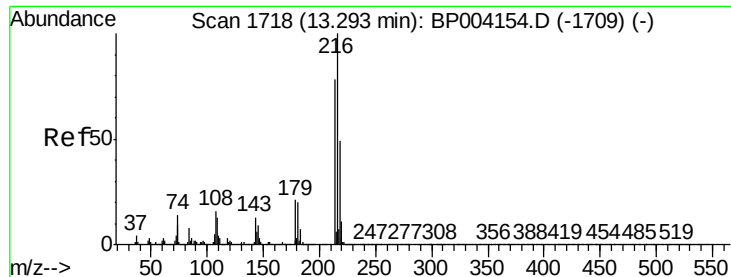


Abundance Ion 178.00 (177.70 to 178.70): E

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: 3.481 ng/uL

RT: 13.29 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

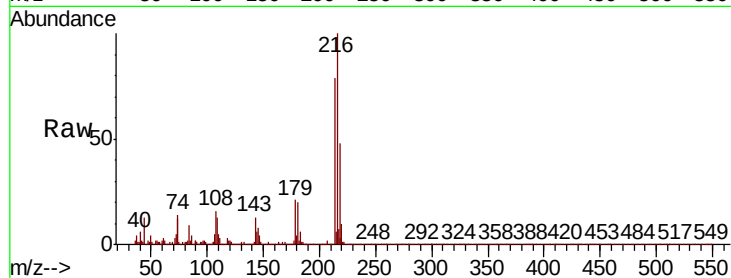
Tot Ion:216 Resp: 118044

Ion Ratio Lower Upper

216 100

214 79.3 62.5 93.7

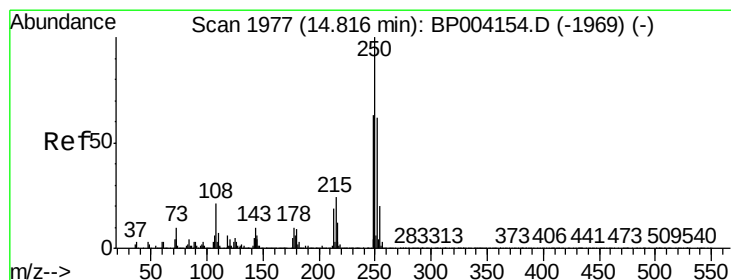
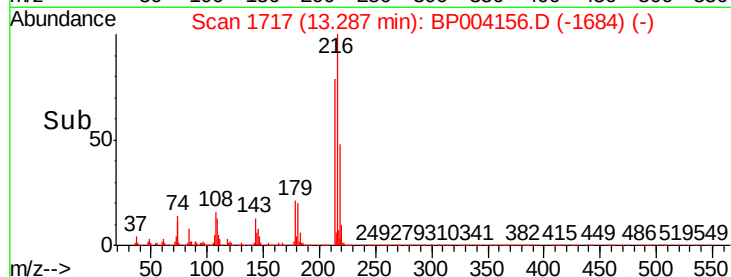
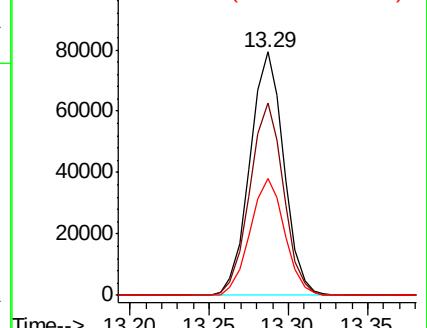
218 47.9 38.3 57.5



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: 3.431 ng/uL

RT: 14.81 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

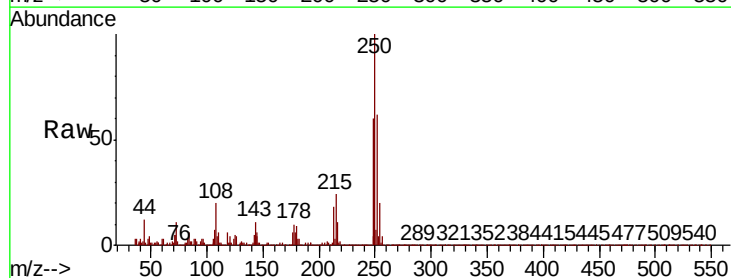
Tgt Ion:250 Resp: 117613

Ion Ratio Lower Upper

250 100

248 59.8 50.5 75.7

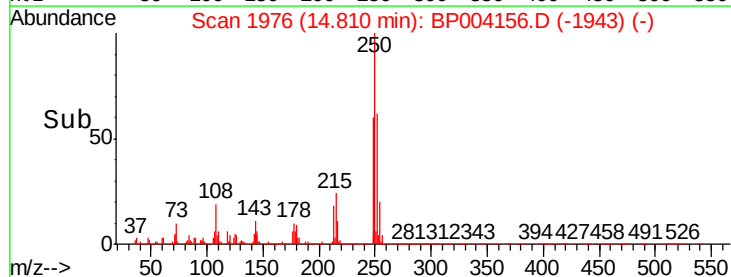
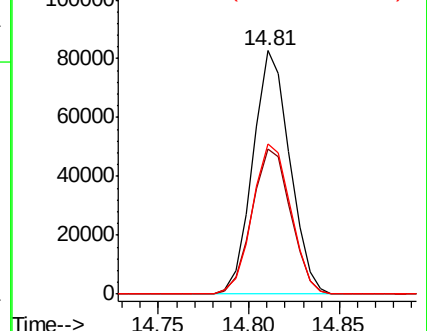
252 61.5 50.4 75.6

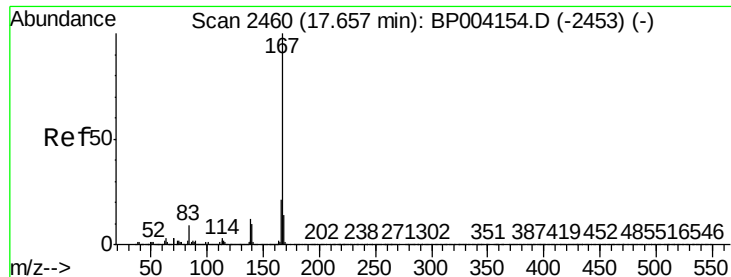


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#77

Carbazole

Concen: 3.507 ng/ul

RT: 17.65 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

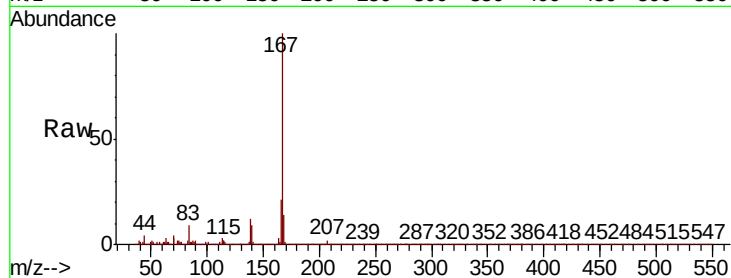
Tot Ion:167 Resp: 389981

Ion Ratio Lower Upper

167 100

166 20.7 17.2 25.8

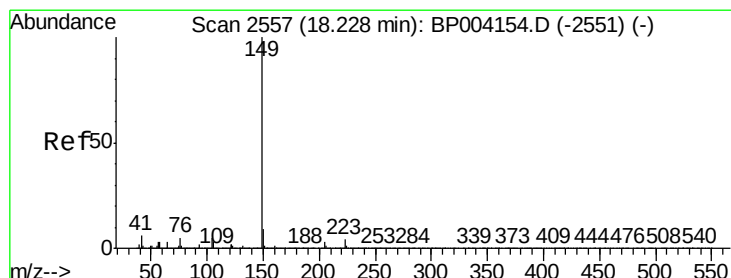
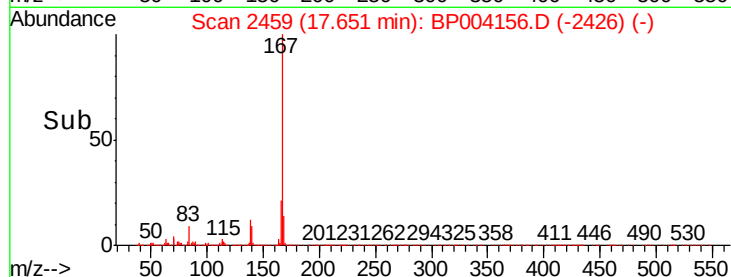
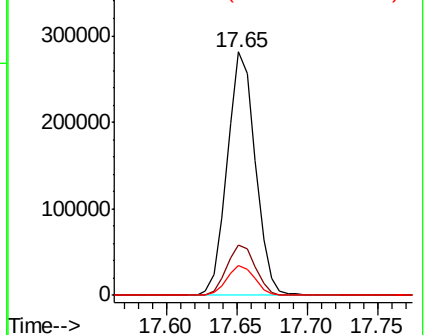
139 12.3 9.8 14.8



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



#78

Di-n-butylphthalate

Concen: 2.988 ng/ul

RT: 18.22 min Scan# 2556

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

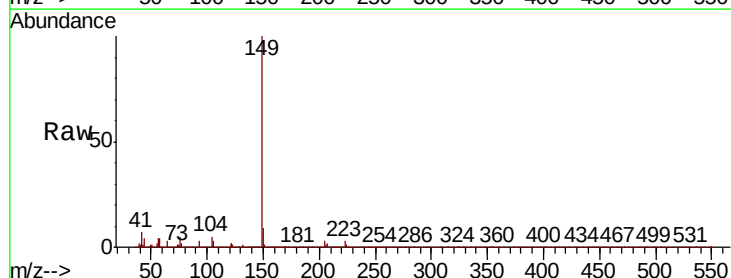
Tgt Ion:149 Resp: 433095

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

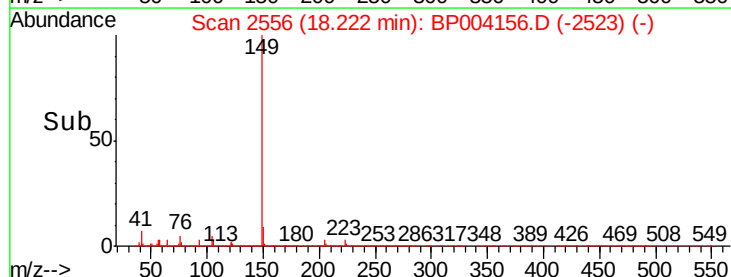
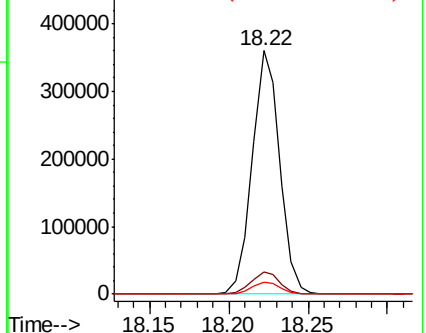
104 5.1 3.8 5.8

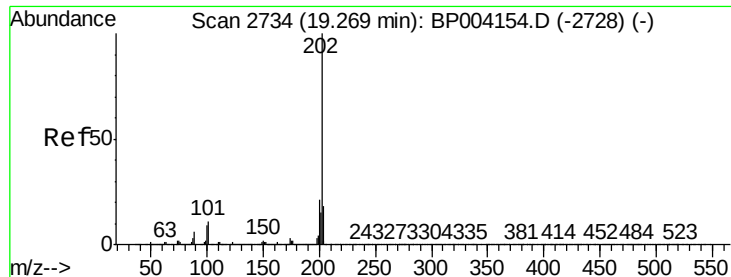


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

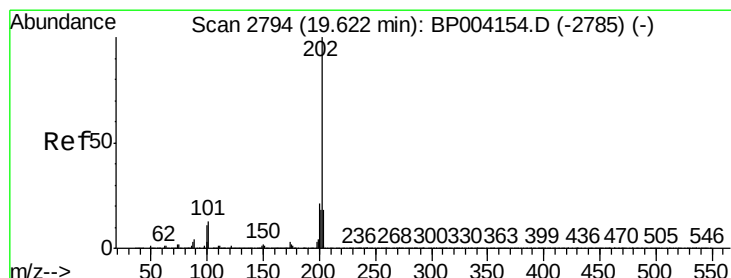
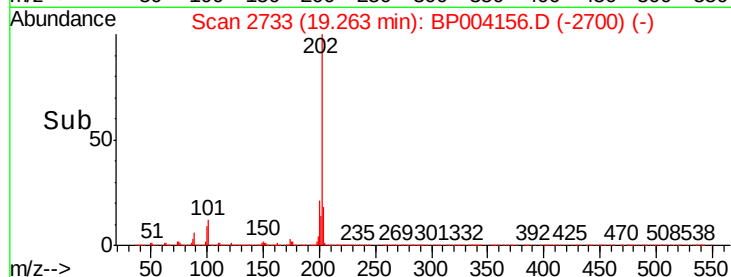
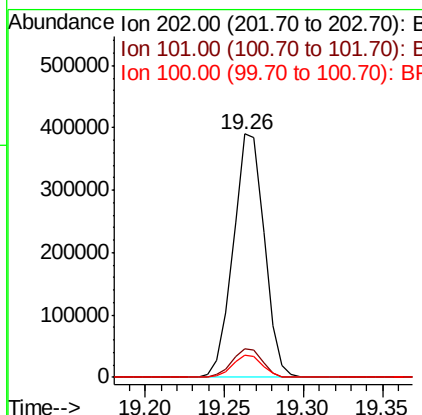
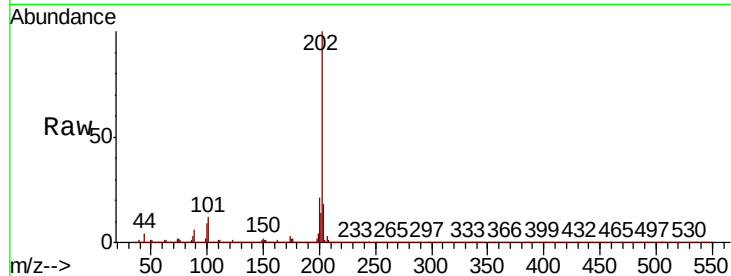




#80
Fluoranthene
Concen: 3.380 ng/ul
RT: 19.26 min Scan# 2733
Delta R.T. -0.01 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

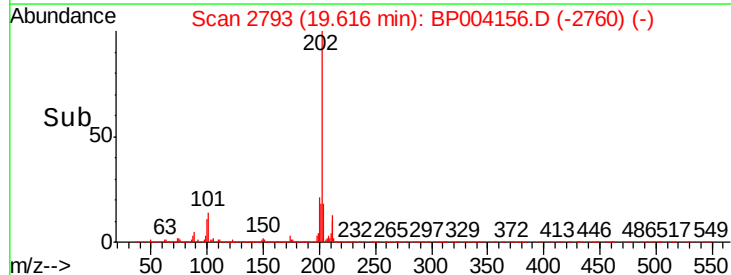
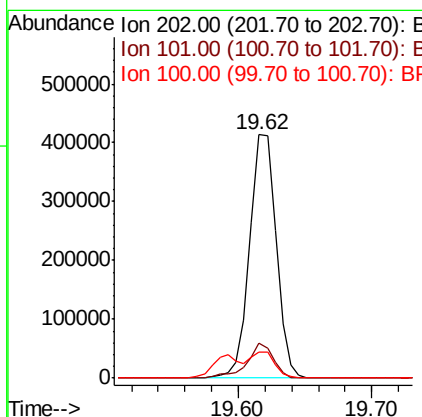
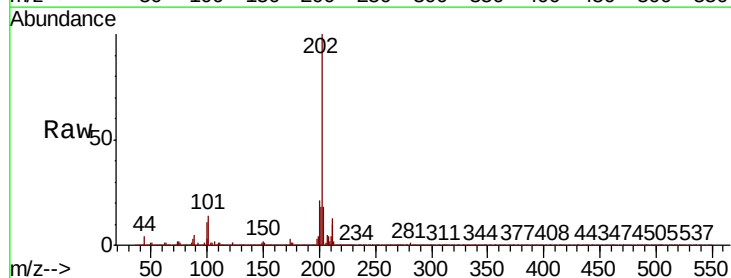
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-01

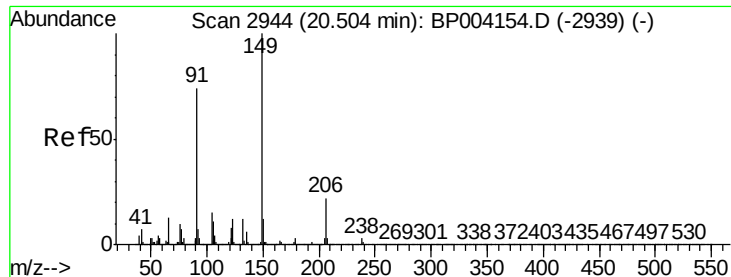
Tot Ion:	202	Resp:	529550
Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.6	12.8
100	8.9	6.6	9.8



#82
Pyrene
Concen: 3.564 ng/ul
RT: 19.62 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

Tgt Ion:	202	Resp:	567291
Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.0	15.0
100	10.9	8.2	12.2

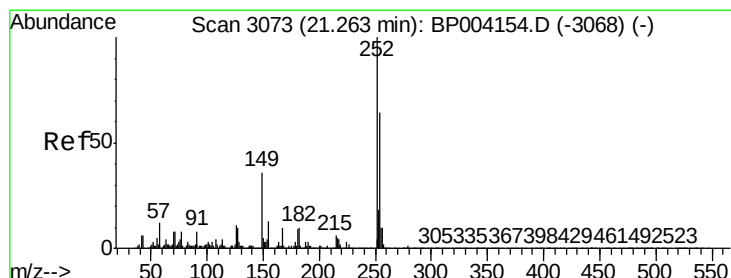
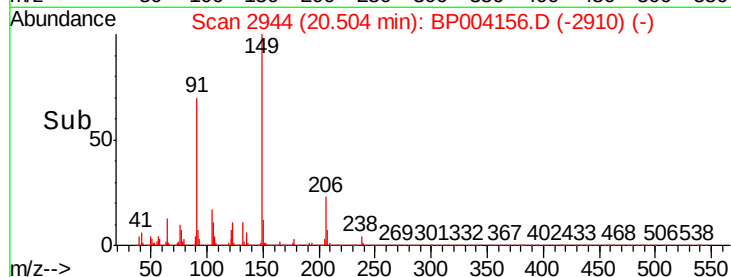
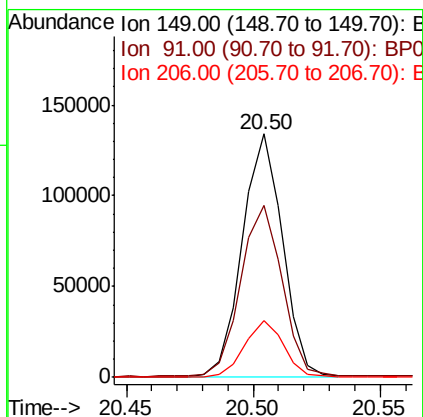
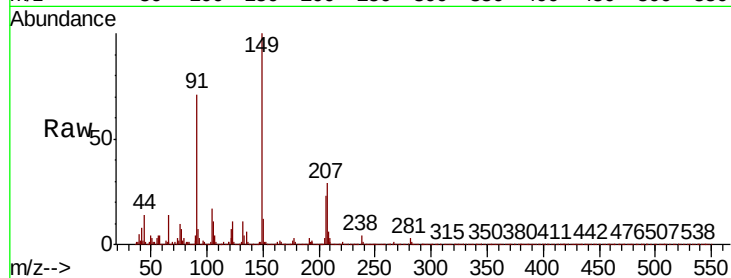




#83
Butylbenzylphthalate
Concen: 2.277 ng/ul
RT: 20.50 min Scan# 2944
Delta R.T. 0.00 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

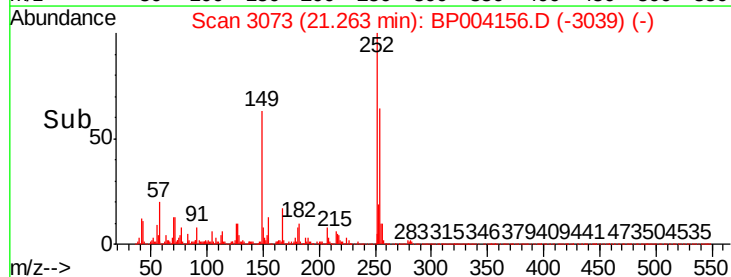
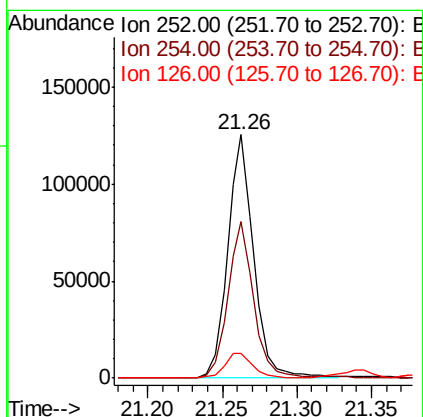
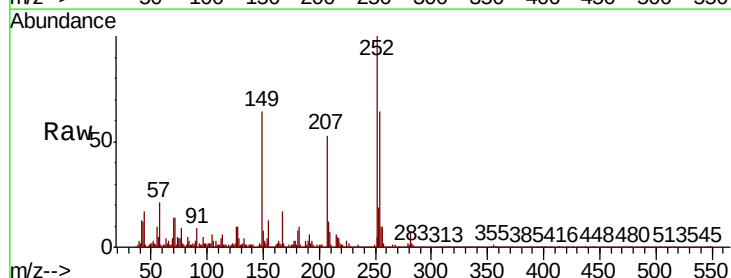
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-01

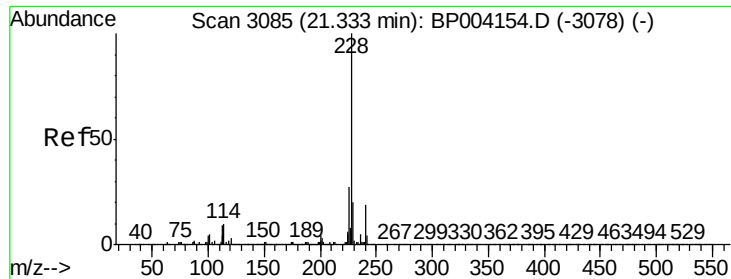
Tot Ion:149 Resp: 147208
Ion Ratio Lower Upper
149 100
91 70.8 56.8 85.2
206 23.2 17.9 26.9



#84
3,3'-Dichlorobenzidine
Concen: 2.854 ng/ul
RT: 21.26 min Scan# 3073
Delta R.T. 0.00 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

Tgt Ion:252 Resp: 152324
Ion Ratio Lower Upper
252 100
254 64.4 51.8 77.8
126 10.4 8.5 12.7





#85

Benzo(a)anthracene

Concen: 3.507 ng/ul

RT: 21.33 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

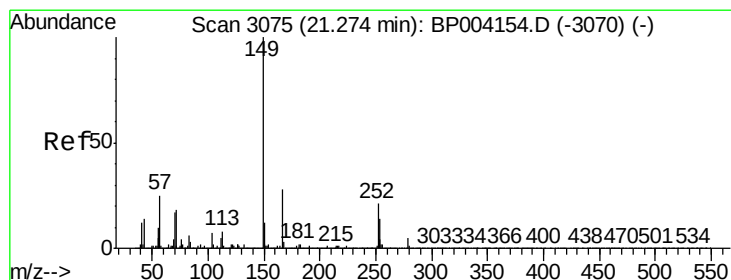
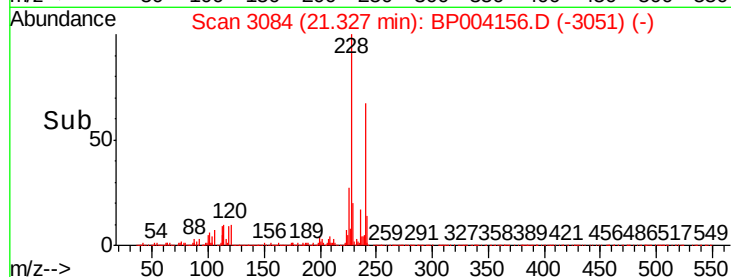
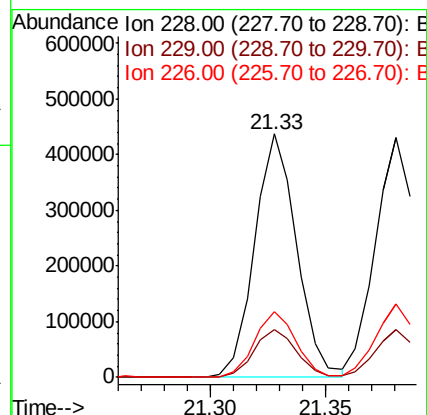
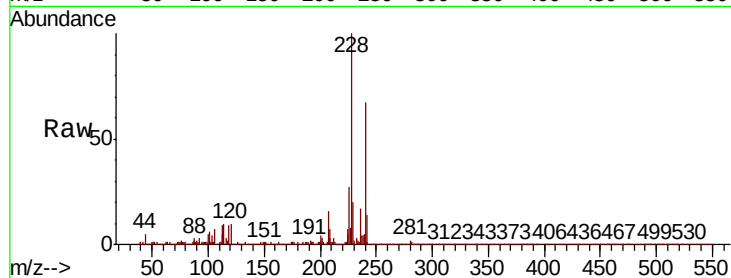
Tot Ion:228 Resp: 554818

Ion Ratio Lower Upper

228 100

229 19.6 15.9 23.9

226 27.1 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.629 ng/ul

RT: 21.27 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

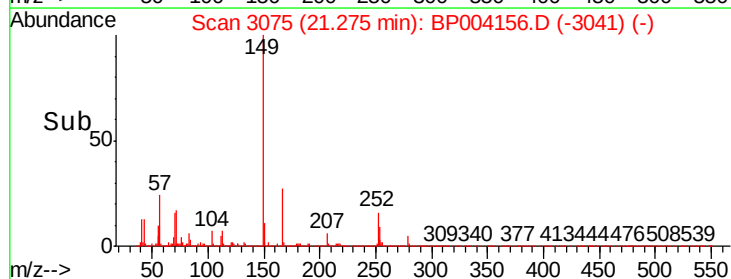
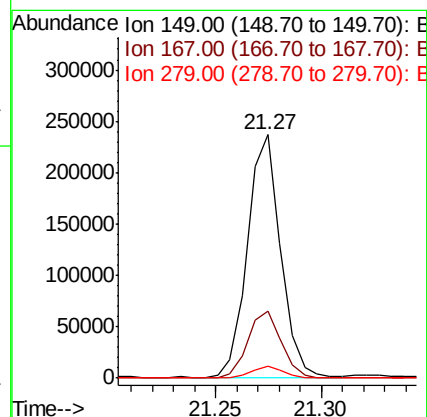
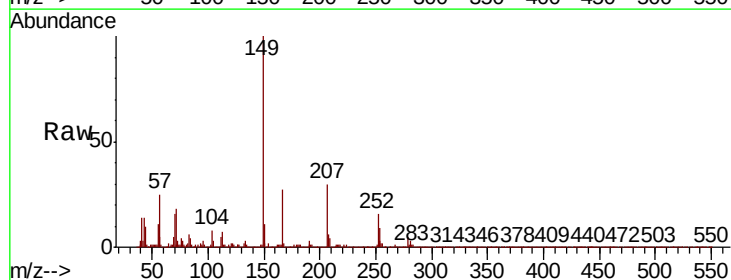
Tgt Ion:149 Resp: 256448

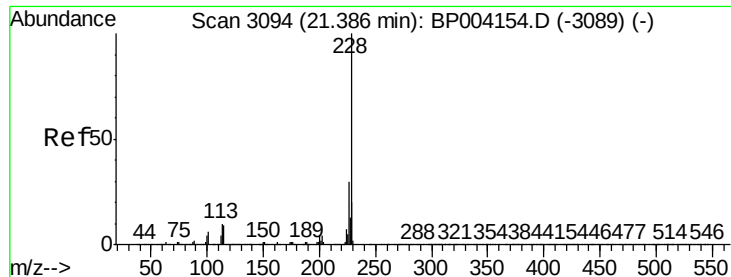
Ion Ratio Lower Upper

149 100

167 27.5 22.9 34.3

279 5.0 3.8 5.6





#87

Chrysene

Concen: 3.519 ng/ul

RT: 21.38 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

Instrument :

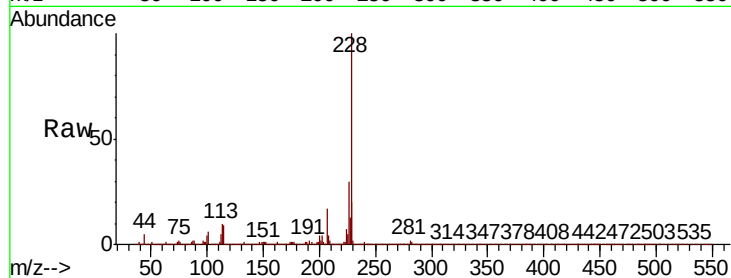
BNA_P

ClientSampleId :

MDL-SOIL-01

Tot Ion:228 Resp: 533258

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	19.8	15.7	23.5

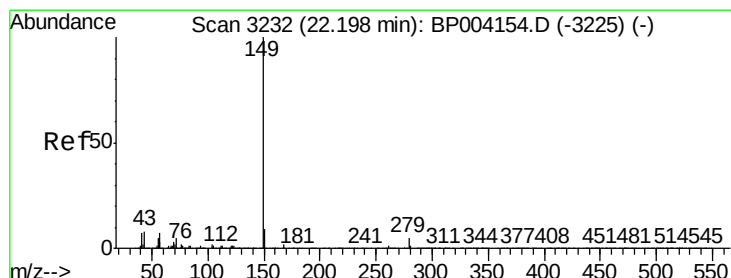
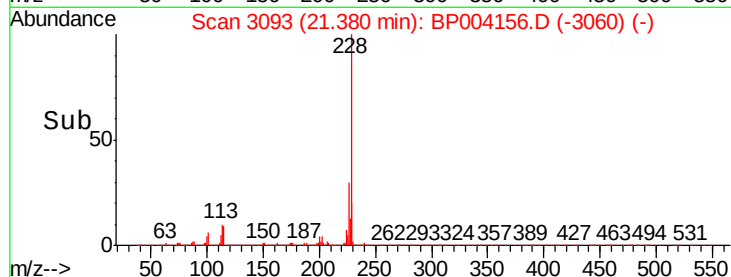
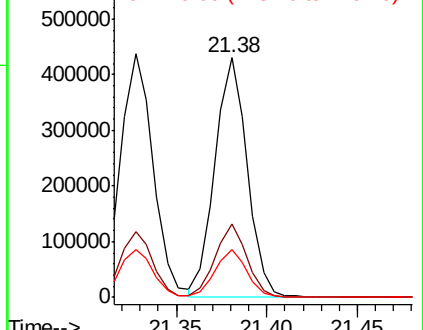


Abundance

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: 2.532 ng/ul

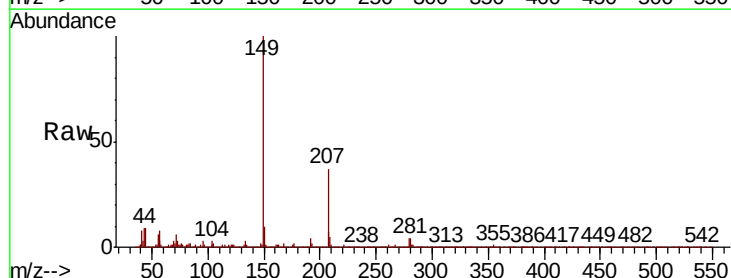
RT: 22.19 min Scan# 3231

Delta R.T. -0.01 min

Lab File: BP004156.D

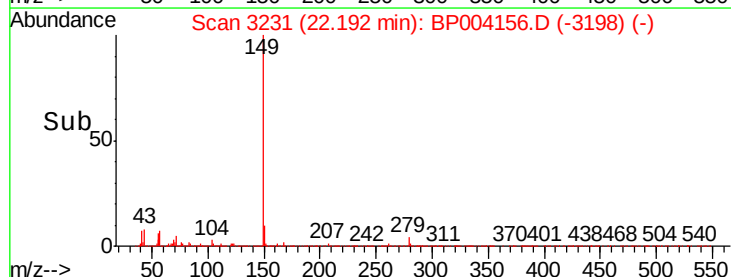
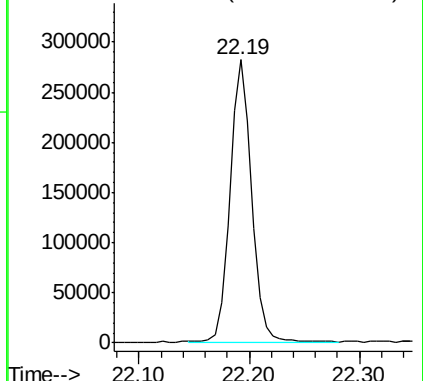
Acq: 05 Dec 2020 11:57

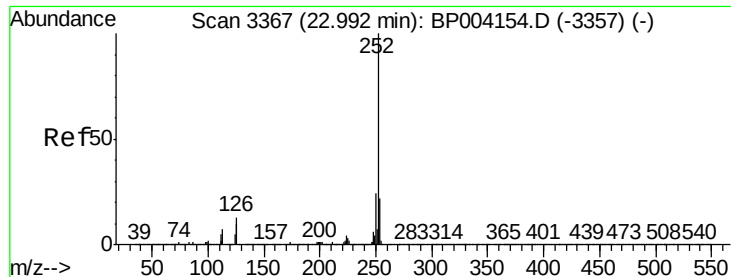
Tgt Ion:149 Resp: 382592



Abundance

Ion 149.00 (148.70 to 149.70): E





#90

Benzo(b)fluoranthene

Concen: 3.218 ng/ul

RT: 22.99 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

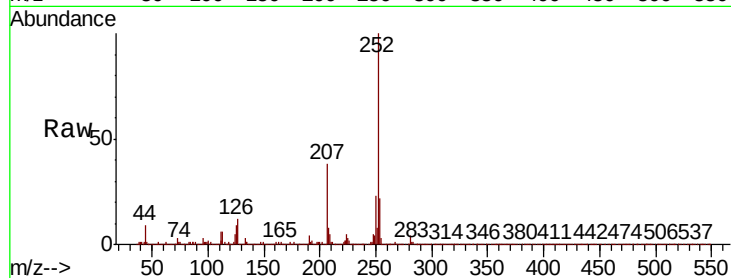
Tot Ion:252 Resp: 524069

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 8.7 7.9 11.9

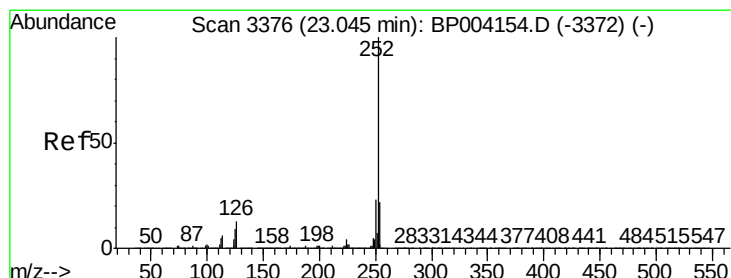
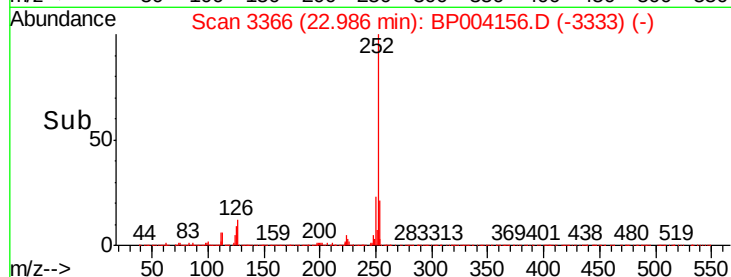
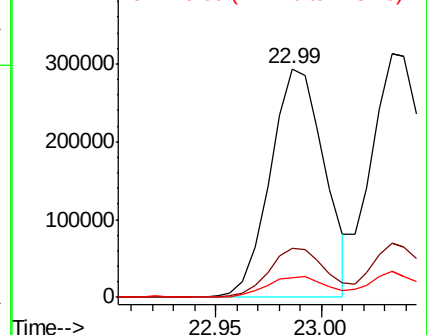


Abundance

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



#91

Benzo(k)fluoranthene

Concen: 3.550 ng/ul

RT: 23.03 min Scan# 3374

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

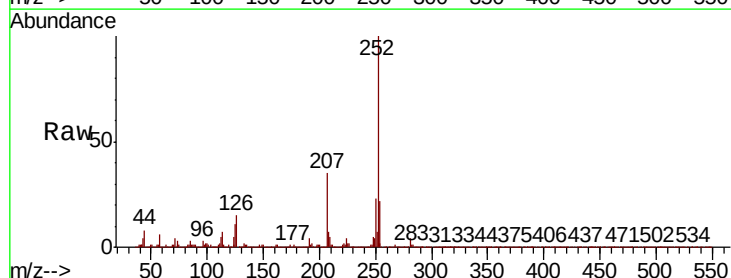
Tgt Ion:252 Resp: 560017

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 10.5 7.8 11.8

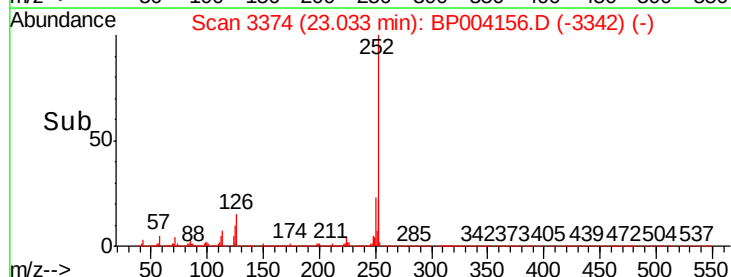
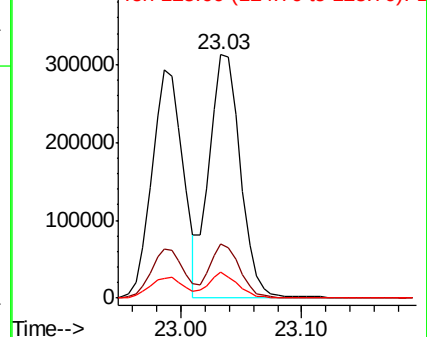


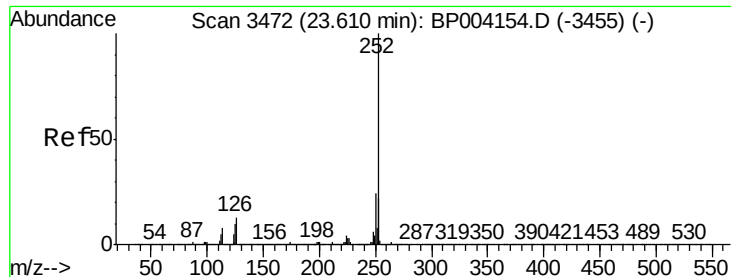
Abundance

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





#93

Benzo(a)pyrene

Concen: 3.454 ng/ul

RT: 23.60 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

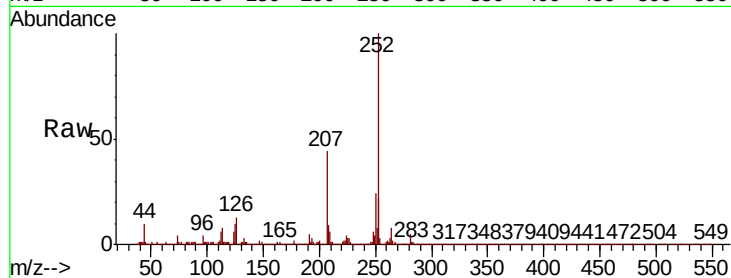
Tot Ion:252 Resp: 516564

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

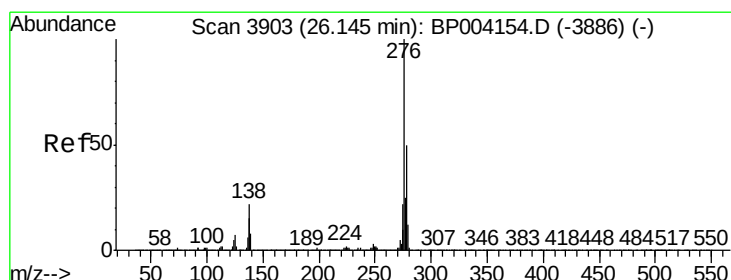
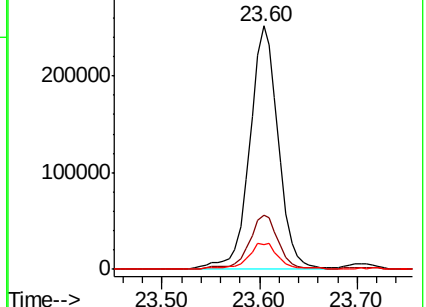
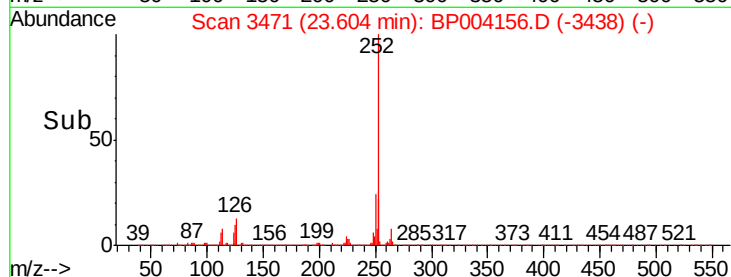
125 10.1 8.3 12.5



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: 3.141 ng/ul

RT: 26.13 min Scan# 3901

Delta R.T. -0.01 min

Lab File: BP004156.D

Acq: 05 Dec 2020 11:57

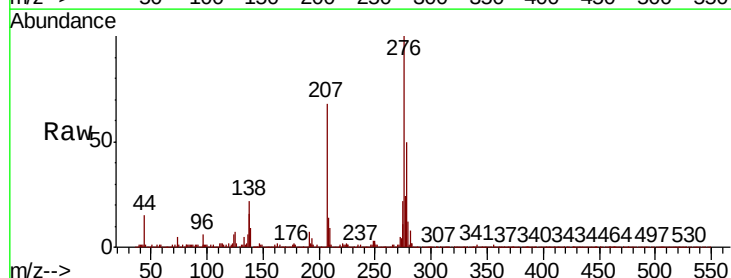
Tgt Ion:276 Resp: 601597

Ion Ratio Lower Upper

276 100

138 21.6 17.4 26.0

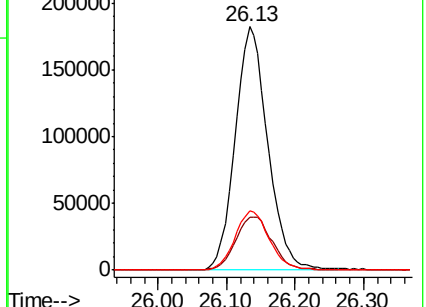
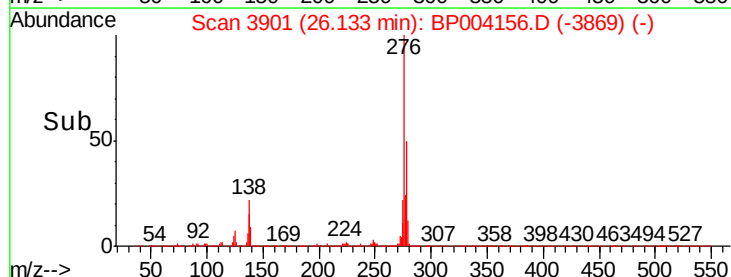
277 24.4 20.1 30.1

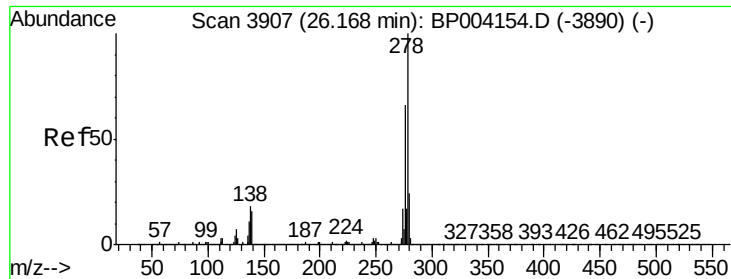


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

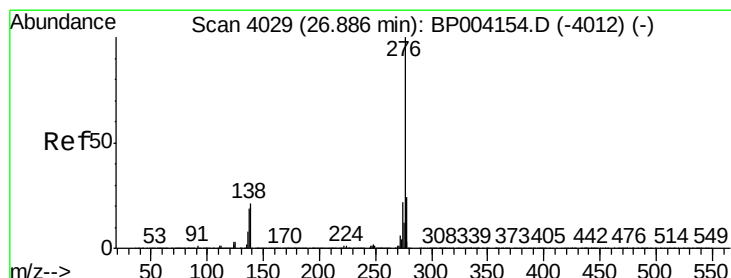
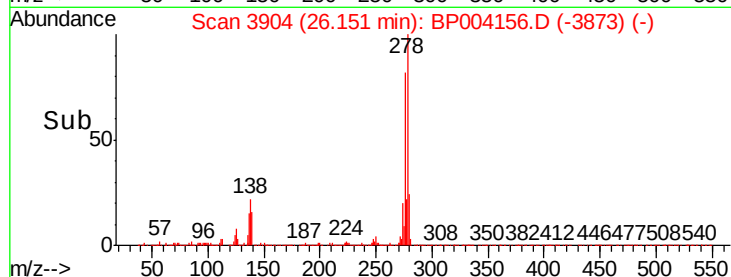
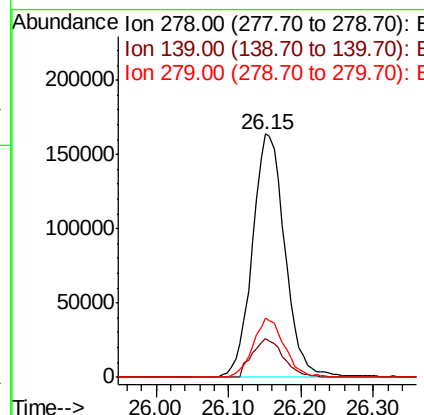
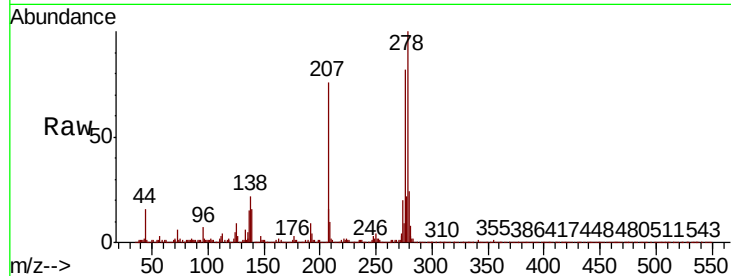




#95
Dibenzo(a,h)anthracene
Concen: 3.194 ng/ul
RT: 26.15 min Scan# 3904
Delta R.T. -0.02 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-01

Tot Ion:	278	Resp:	510581
Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.3	18.5
279	24.3	19.1	28.7



#96
Benzo(g,h,i)perylene
Concen: 3.148 ng/ul
RT: 26.87 min Scan# 4027
Delta R.T. -0.01 min
Lab File: BP004156.D
Acq: 05 Dec 2020 11:57

Tgt Ion:	276	Resp:	505955
Ion	Ratio	Lower	Upper
276	100		
138	19.4	16.2	24.4
277	23.5	19.0	28.6

