

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
 Data File : BP006033.D
 Acq On : 23 Jun 2021 14:11
 Operator : CG/JU
 Sample : M2781-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RIG-DRILL-CUTTING-DRUMS-1-7M

Quant Time: Jun 23 16:27:19 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 22 17:52:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	68709	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	269722	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	166682	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	342388	20.000	ng	0.00
76) Chrysene-d12	21.368	240	395721	20.000	ng	0.00
86) Perylene-d12	23.774	264	450836	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	356706	83.305	ng	0.00
7) Phenol-d6	7.093	99	537665	96.877	ng	0.00
23) Nitrobenzene-d5	9.087	82	340228	61.843	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	204327	71.433	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	754648	59.452	ng	0.00
79) Terphenyl-d14	19.839	244	1217103	57.591	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.363	88	64257	33.216	ng	98
3) Pyridine	3.775	79	166498	36.620	ng	98
4) n-Nitrosodimethylamine	3.681	42	76957	36.413	ng	91
6) Aniline	7.246	93	237456	38.323	ng	100
8) 2-Chlorophenol	7.487	128	216611	44.121	ng	97
9) Benzaldehyde	7.057	77	127648	53.952	ng	99
10) Phenol	7.122	94	251378	45.340	ng	97
11) bis(2-Chloroethyl)ether	7.346	93	189001	44.986	ng	98
12) 1,3-Dichlorobenzene	7.804	146	231544	42.178	ng	98
13) 1,4-Dichlorobenzene	7.951	146	237445	42.412	ng	99
14) 1,2-Dichlorobenzene	8.269	146	229153	42.821	ng	100
15) Benzyl Alcohol	8.169	79	178586	42.721	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.451	45	164445	42.343	ng	98
17) 2-Methylphenol	8.369	107	170507	45.137	ng	97
18) Hexachloroethane	8.998	117	85340	42.142	ng	96
19) n-Nitroso-di-n-propyla...	8.734	70	145790	42.700	ng	93
20) 3+4-Methylphenols	8.698	107	228395	44.759	ng	95
22) Acetophenone	8.746	105	303241	42.714	ng	# 98
24) Nitrobenzene	9.128	77	216053	37.819	ng	99
25) Isophorone	9.657	82	378156	37.221	ng	98
26) 2-Nitrophenol	9.840	139	112367	41.224	ng	93
27) 2,4-Dimethylphenol	9.898	122	187993	46.295	ng	99
28) bis(2-Chloroethoxy)met...	10.134	93	236620	44.625	ng	99
29) 2,4-Dichlorophenol	10.381	162	200516	41.089	ng	97
30) 1,2,4-Trichlorobenzene	10.587	180	219497	40.029	ng	99
31) Naphthalene	10.769	128	632090	40.503	ng	100
32) Benzoic acid	10.075	122	115167	39.188	ng	100
33) 4-Chloroaniline	10.893	127	150976	23.947	ng	99
34) Hexachlorobutadiene	11.057	225	143540	38.701	ng	98
35) Caprolactam	11.692	113	51093	36.348	ng	98
36) 4-Chloro-3-methylphenol	12.016	107	213522	43.091	ng	96
37) 2-Methylnaphthalene	12.381	142	455554	41.000	ng	97
38) 1-Methylnaphthalene	12.598	142	424452	40.555	ng	99
40) 1,2,4,5-Tetrachloroben...	12.745	216	244797	41.724	ng	99
41) Hexachlorocyclopentadiene	12.722	237	224991	76.576	ng	98
43) 2,4,6-Trichlorophenol	12.992	196	161272	40.075	ng	97

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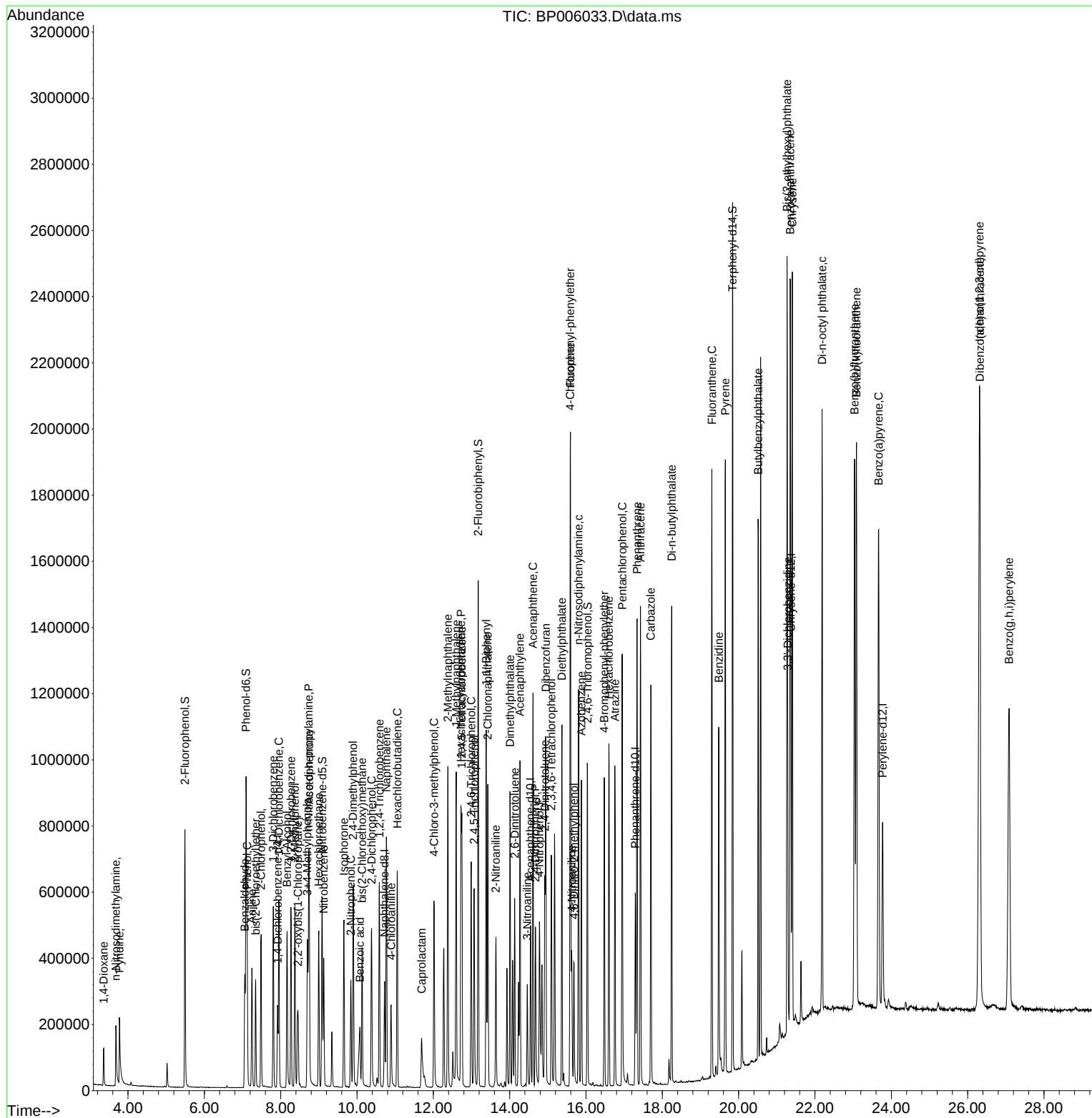
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	176202	40.656	ng	96
46) 1,1'-Biphenyl	13.386	154	556425	41.403	ng	99
47) 2-Chloronaphthalene	13.428	162	449922	40.998	ng	98
48) 2-Nitroaniline	13.639	65	118684	41.132	ng	92
49) Acenaphthylene	14.269	152	708868	42.103	ng	100
50) Dimethylphthalate	14.010	163	571313	41.687	ng	100
51) 2,6-Dinitrotoluene	14.134	165	125662	40.342	ng	98
52) Acenaphthene	14.610	154	417900	40.873	ng	98
53) 3-Nitroaniline	14.463	138	86380	28.612	ng	98
54) 2,4-Dinitrophenol	14.675	184	123356	67.398	ng	98
55) Dibenzofuran	14.945	168	665535	39.581	ng	99
56) 4-Nitrophenol	14.781	139	191307	78.177	ng	93
57) 2,4-Dinitrotoluene	14.922	165	178052	42.737	ng	95
58) Fluorene	15.592	166	541127	41.304	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	155288	40.655	ng	99
60) Diethylphthalate	15.369	149	587915	42.758	ng	99
61) 4-Chlorophenyl-phenyle...	15.586	204	279028	41.073	ng	97
62) 4-Nitroaniline	15.628	138	128199	41.256	ng	91
63) Azobenzene	15.880	77	497303	39.977	ng	95
65) 4,6-Dinitro-2-methylph...	15.686	198	91033	36.180	ng	99
66) n-Nitrosodiphenylamine	15.804	169	478781	42.168	ng	98
67) 4-Bromophenyl-phenylether	16.480	248	185469	42.204	ng	98
68) Hexachlorobenzene	16.598	284	224757	42.668	ng	99
69) Atrazine	16.757	200	185431	52.493	ng	99
70) Pentachlorophenol	16.951	266	262587	89.653	ng	98
71) Phenanthrene	17.339	178	868419	42.234	ng	100
72) Anthracene	17.427	178	887431	43.852	ng	99
73) Carbazole	17.698	167	806730	41.522	ng	100
74) Di-n-butylphthalate	18.245	149	1026599	45.605	ng	100
75) Fluoranthene	19.298	202	1083789	43.402	ng	98
77) Benzidine	19.480	184	645636	78.409	ng	100
78) Pyrene	19.651	202	1121901	40.610	ng	99
80) Butylbenzylphthalate	20.510	149	495637	43.608	ng	99
81) Benzo(a)anthracene	21.351	228	1158321	40.550	ng	99
82) 3,3'-Dichlorobenzidine	21.286	252	323306	32.737	ng	98
83) Chrysene	21.404	228	1143387	41.326	ng	99
84) Bis(2-ethylhexyl)phtha...	21.268	149	745757	44.740	ng	99
85) Di-n-octyl phthalate	22.186	149	1308779	43.890	ng	99
87) Indeno(1,2,3-cd)pyrene	26.309	276	1589973	41.241	ng	99
88) Benzo(b)fluoranthene	23.039	252	1325773	42.935	ng	99
89) Benzo(k)fluoranthene	23.086	252	1225966	40.944	ng	99
90) Benzo(a)pyrene	23.668	252	1263585	43.526	ng	98
91) Dibenzo(a,h)anthracene	26.321	278	1360852	41.011	ng	98
92) Benzo(g,h,i)perylene	27.086	276	1343035	40.972	ng	99

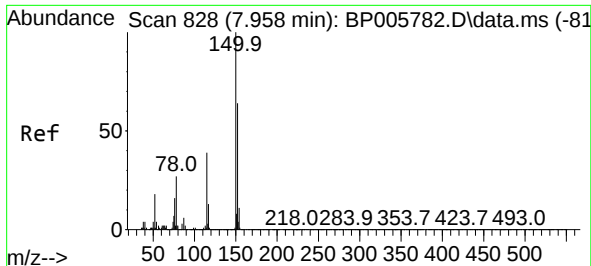
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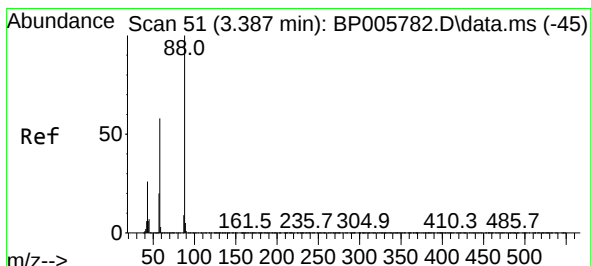
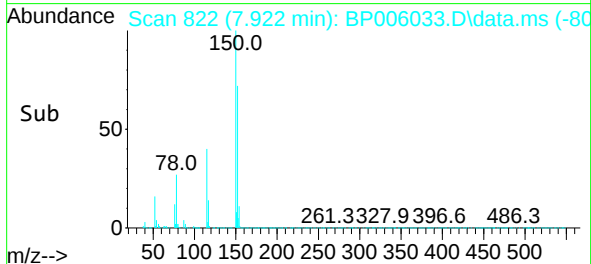
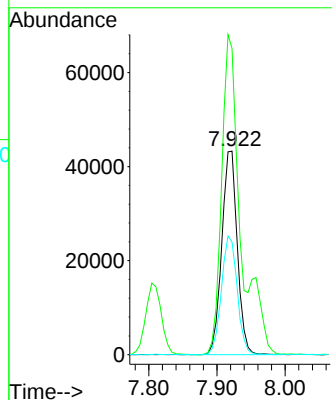
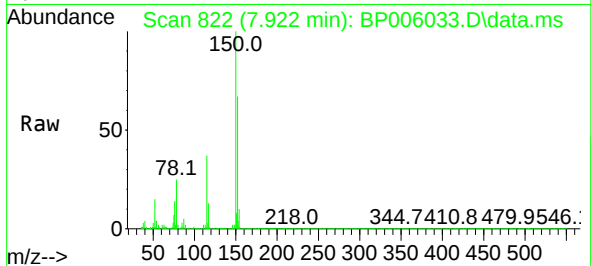




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 822
Delta R.T. 0.000 min
Lab File: BP006033.D
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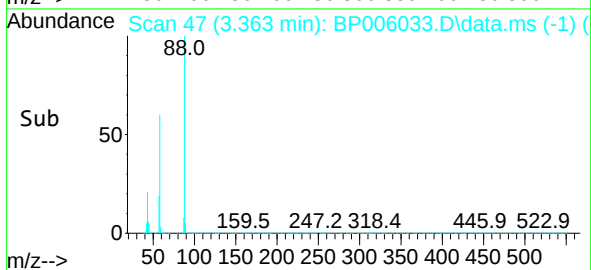
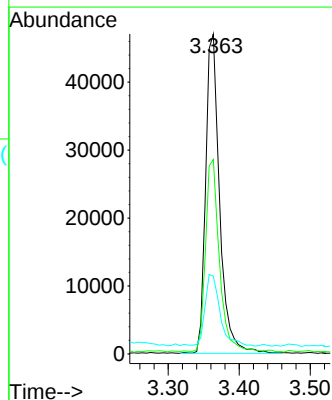
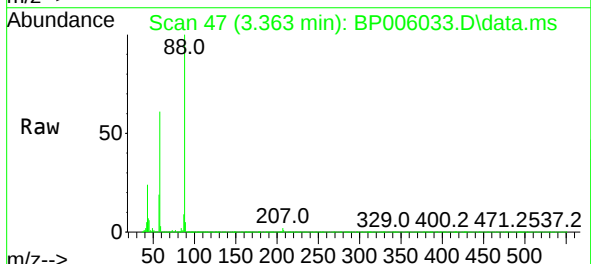
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RIG-DRILL-CUTTING-DRUMS-1-7M

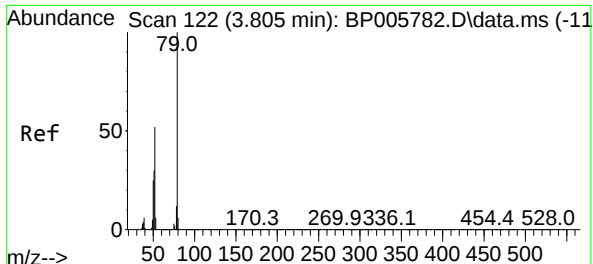
Tgt Ion:152 Resp: 68709
Ion Ratio Lower Upper
152 100
150 150.3 125.6 188.4
115 55.2 48.5 72.7



#2
1,4-Dioxane
Concen: 33.216 ng
RT: 3.363 min Scan# 47
Delta R.T. -0.000 min
Lab File: BP006033.D
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Tgt Ion: 88 Resp: 64257
Ion Ratio Lower Upper
88 100
58 59.3 46.7 70.1
43 24.2 20.3 30.5

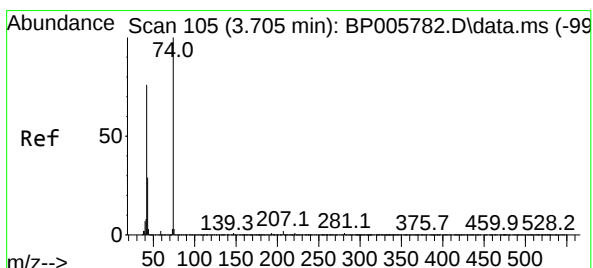
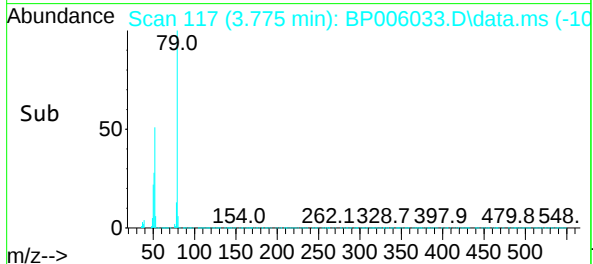
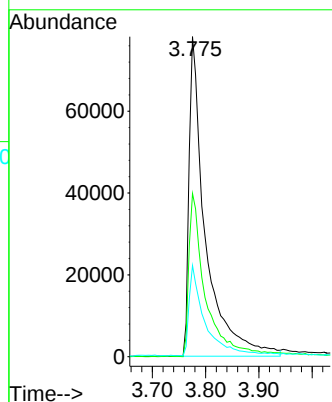
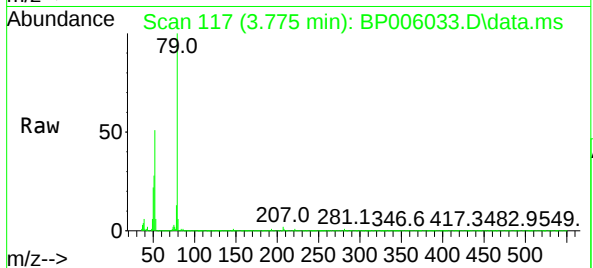




#3
Pyridine
Concen: 36.620 ng
RT: 3.775 min Scan# 117
Delta R.T. -0.006 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

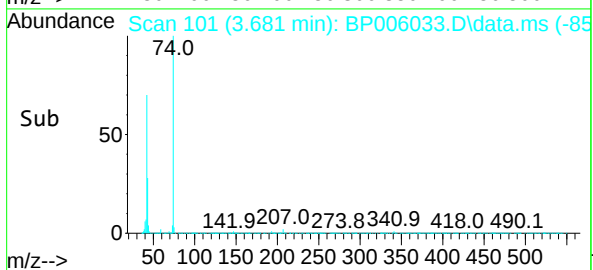
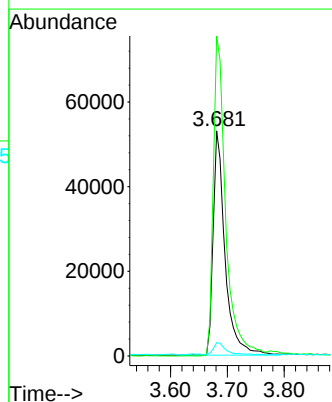
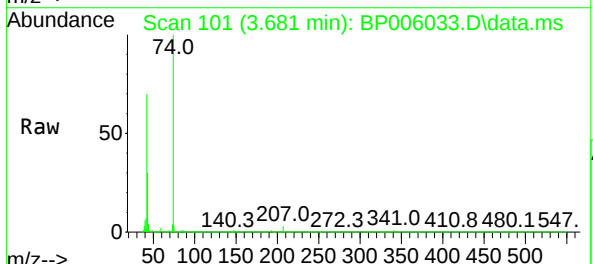
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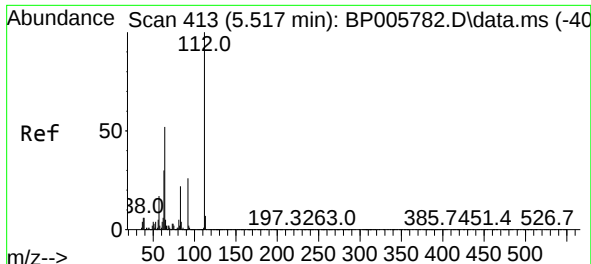
Tgt Ion: 79 Resp: 166498
Ion Ratio Lower Upper
79 100
52 51.0 41.7 62.5
51 28.5 24.1 36.1



#4
n-Nitrosodimethylamine
Concen: 36.413 ng
RT: 3.681 min Scan# 101
Delta R.T. -0.006 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion: 42 Resp: 76957
Ion Ratio Lower Upper
42 100
74 142.1 105.4 158.0
44 5.9 4.2 6.4

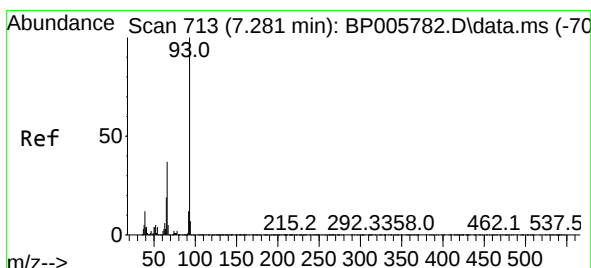
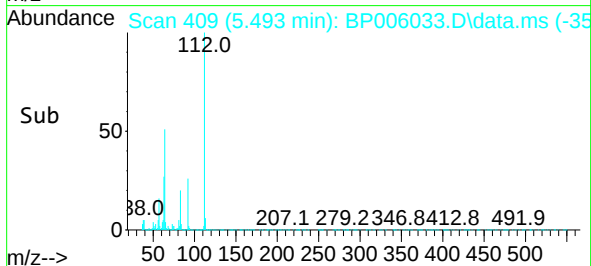
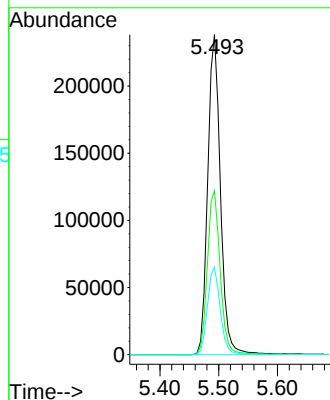
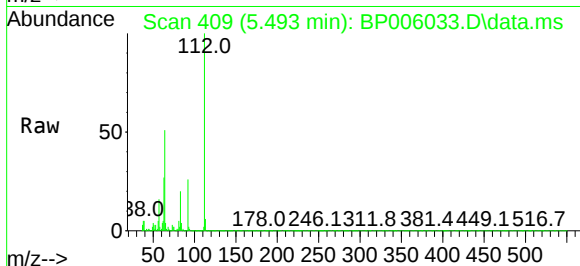




#5
2-Fluorophenol
Concen: 83.305 ng
RT: 5.493 min Scan# 409
Delta R.T. 0.006 min
Lab File: BP006033.D
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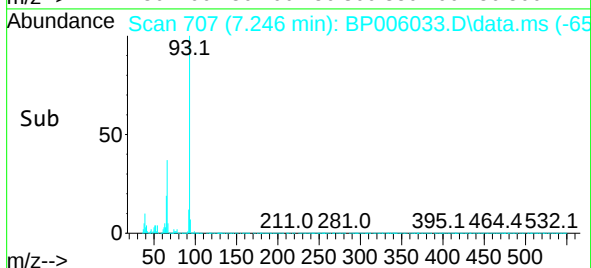
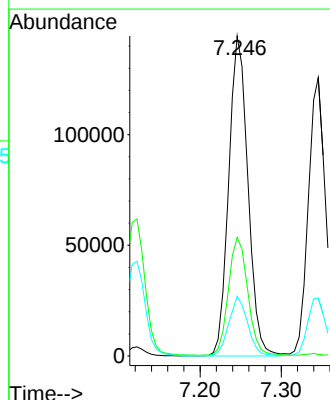
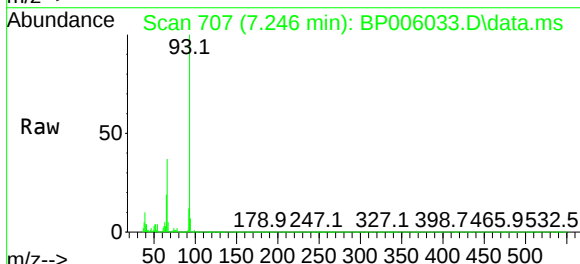
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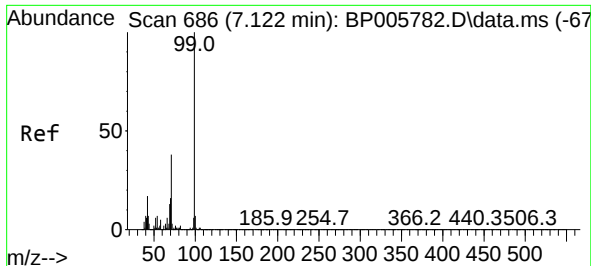
Tgt Ion:112 Resp: 356706
Ion Ratio Lower Upper
112 100
64 51.3 41.4 62.2
63 27.4 23.8 35.8



#6
Aniline
Concen: 38.323 ng
RT: 7.246 min Scan# 707
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion: 93 Resp: 237456
Ion Ratio Lower Upper
93 100
66 37.0 29.7 44.5
65 18.6 15.3 22.9

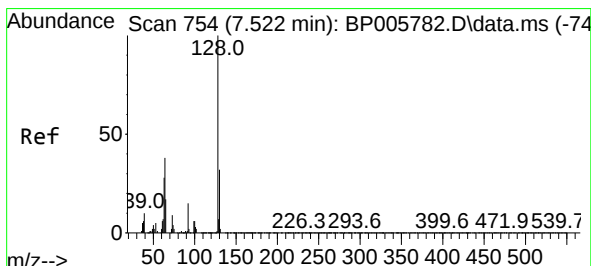
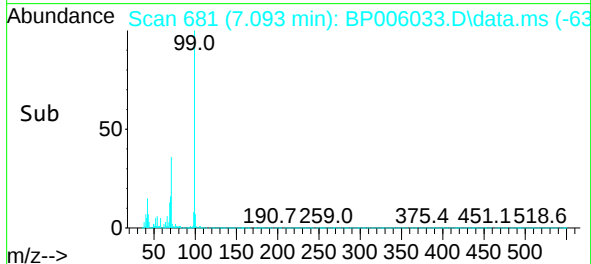
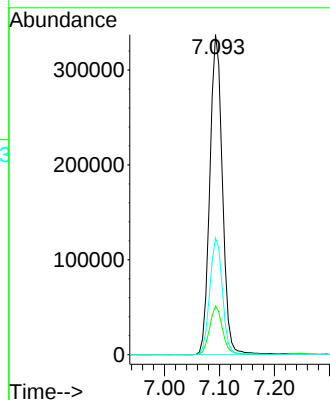
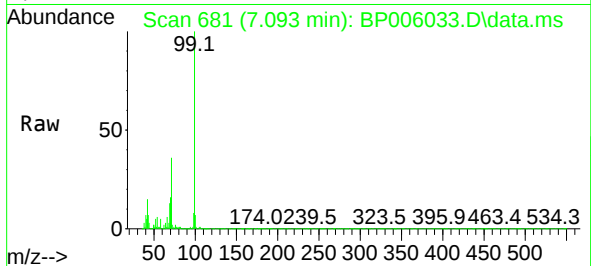




#7
Phenol-d6
Concen: 96.877 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.000 min
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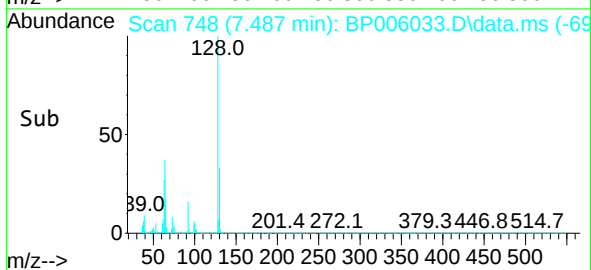
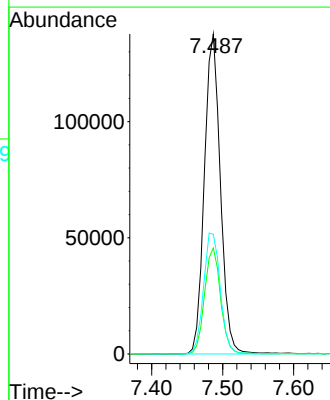
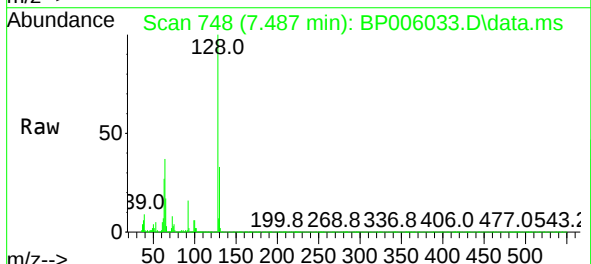
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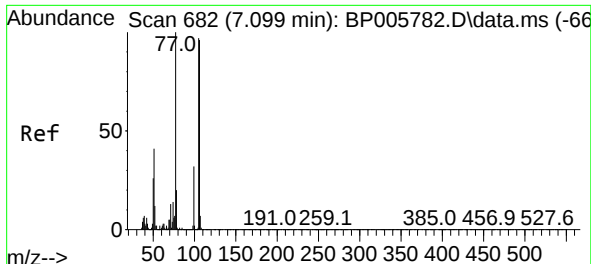
Tgt Ion: 99 Resp: 537665
Ion Ratio Lower Upper
99 100
42 15.3 13.4 20.0
71 36.4 30.6 46.0



#8
2-Chlorophenol
Concen: 44.121 ng
RT: 7.487 min Scan# 748
Delta R.T. -0.000 min
Lab File: BP006033.D
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Tgt Ion: 128 Resp: 216611
Ion Ratio Lower Upper
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130 33.1 12.4 52.4
64 37.4 20.3 60.3

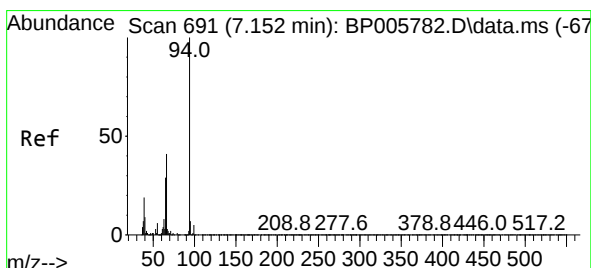
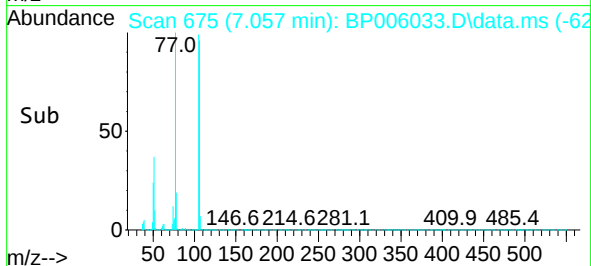
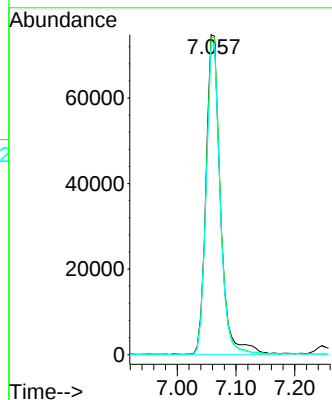
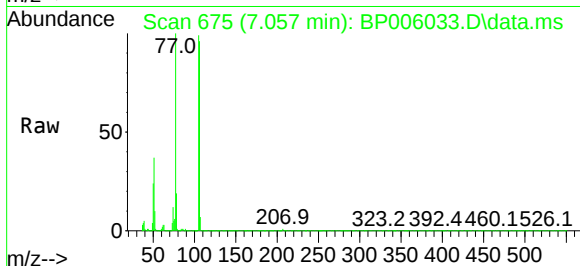




#9
Benzaldehyde
Concen: 53.952 ng
RT: 7.057 min Scan# 675
Delta R.T. -0.006 min
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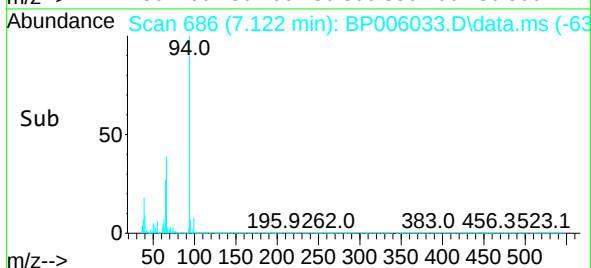
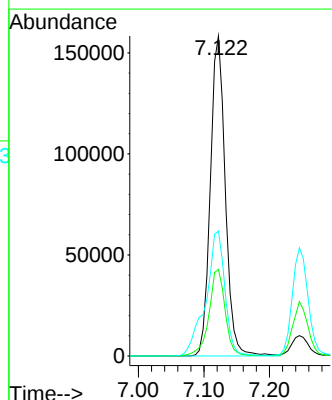
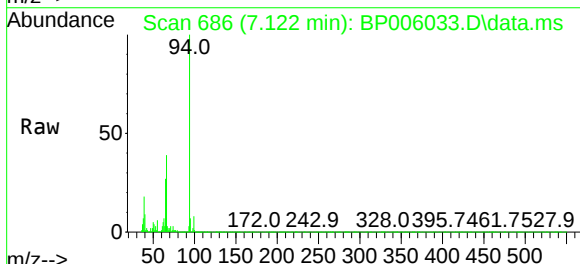
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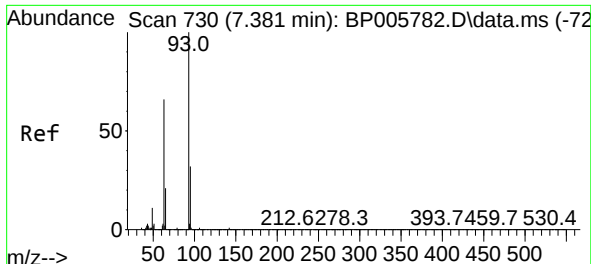
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105 99.1 76.7 116.7
106 96.1 76.2 116.2



#10
Phenol
Concen: 45.340 ng
RT: 7.122 min Scan# 686
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion: 94 Resp: 251378
Ion Ratio Lower Upper
94 100
65 27.0 8.8 48.8
66 39.1 20.7 60.7

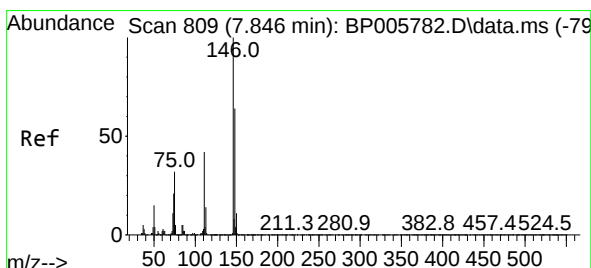
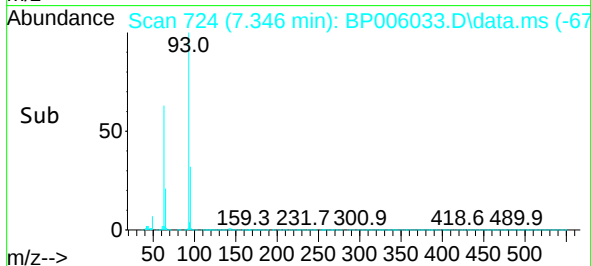
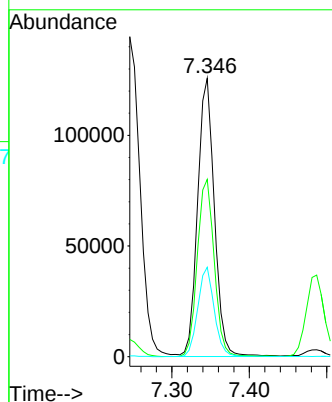
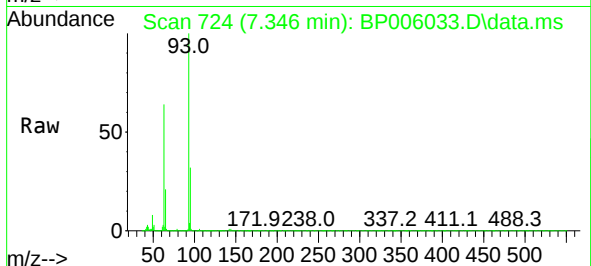




#11
bis(2-Chloroethyl)ether
Concen: 44.986 ng
RT: 7.346 min Scan# 724
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

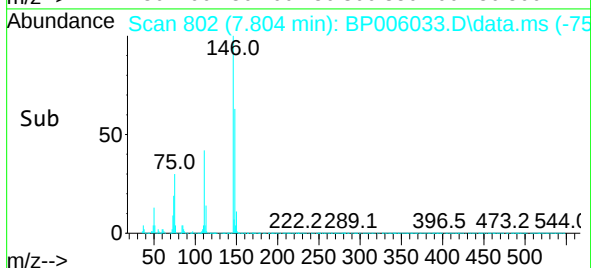
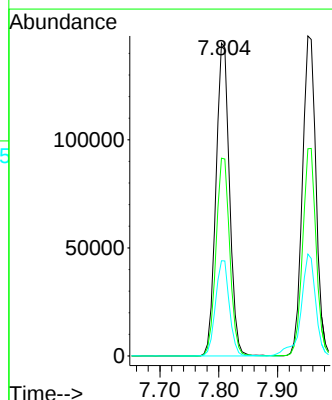
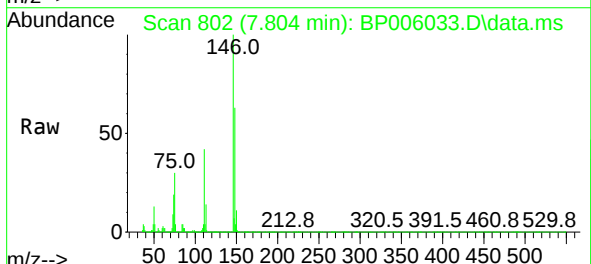
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

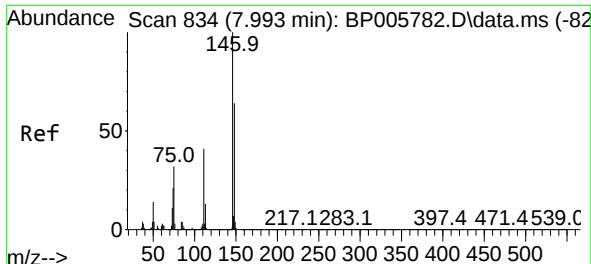
Tgt Ion: 93 Resp: 189001
Ion Ratio Lower Upper
93 100
63 63.7 46.2 86.2
95 32.1 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 42.178 ng
RT: 7.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:146 Resp: 231544
Ion Ratio Lower Upper
146 100
148 63.2 51.5 77.3
75 30.4 25.7 38.5

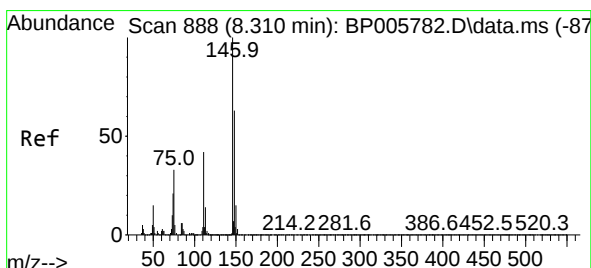
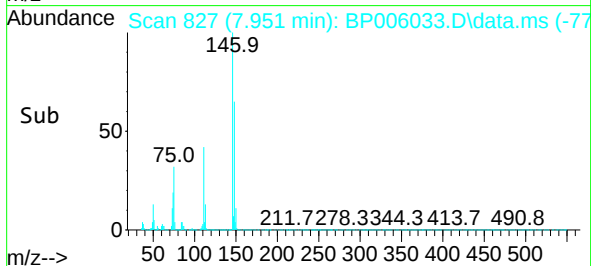
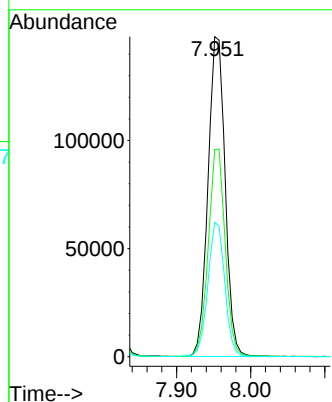
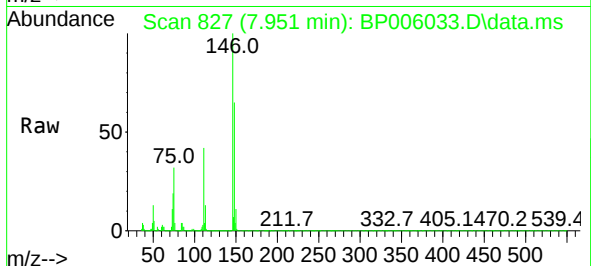




#13
1,4-Dichlorobenzene
Concen: 42.412 ng
RT: 7.951 min Scan# 827
Delta R.T. -0.006 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

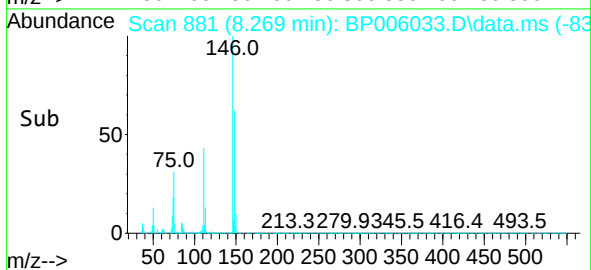
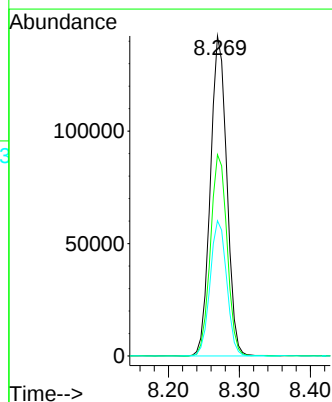
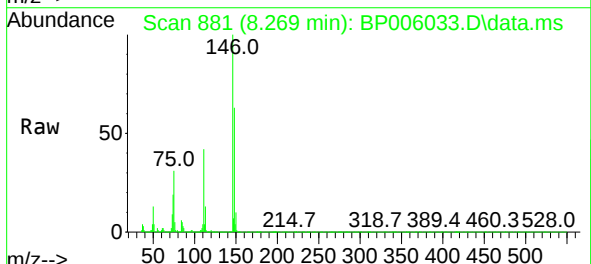
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

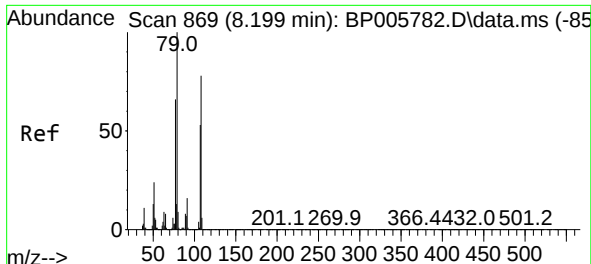
Tgt Ion:146 Resp: 237445
Ion Ratio Lower Upper
146 100
148 64.8 51.3 76.9
111 42.0 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 42.821 ng
RT: 8.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:146 Resp: 229153
Ion Ratio Lower Upper
146 100
148 62.9 50.3 75.5
111 42.3 33.7 50.5

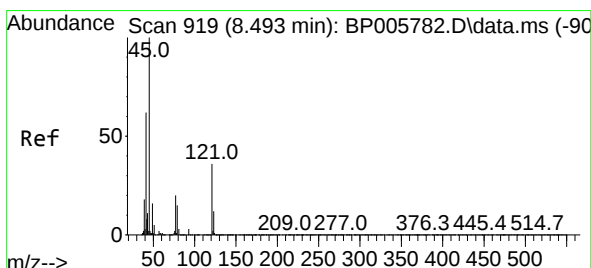
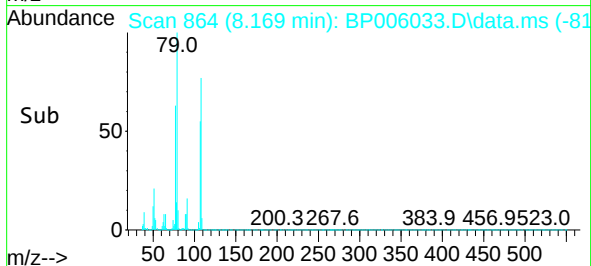
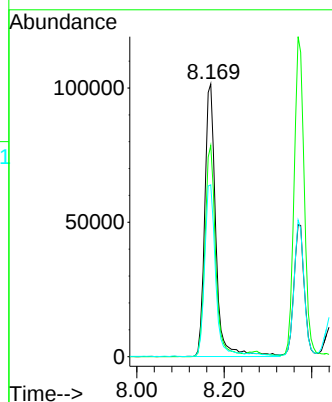
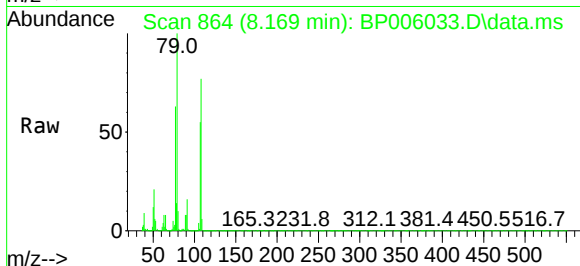




#15
Benzyl Alcohol
Concen: 42.721 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

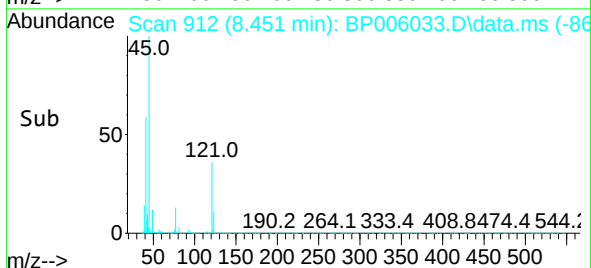
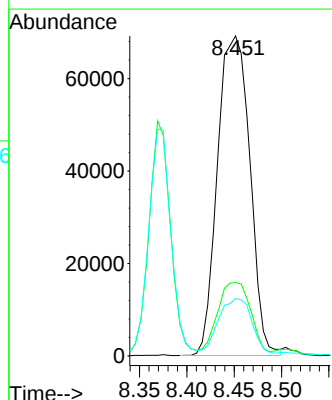
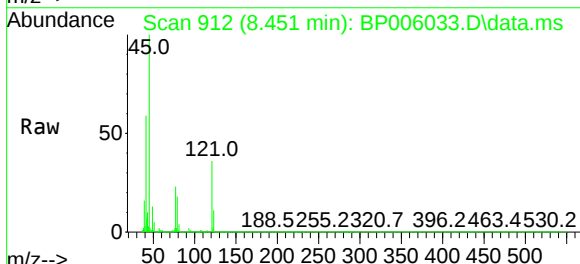
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

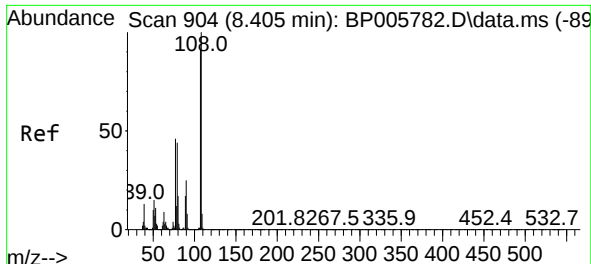
Tgt Ion: 79 Resp: 178586
Ion Ratio Lower Upper
79 100
108 77.4 62.5 93.7
77 63.0 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.343 ng
RT: 8.451 min Scan# 912
Delta R.T. 0.006 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion: 45 Resp: 164445
Ion Ratio Lower Upper
45 100
77 22.9 2.0 42.0
79 17.9 0.0 36.7





#17

2-Methylphenol

Concen: 45.137 ng

RT: 8.369 min Scan# 898

Delta R.T. -0.000 min

Lab File: BP006033.D

Acq: 23 Jun 2021 14:11

Instrument :

BNA_P

ClientSampleId :

RIG-DRILL-CUTTING-DRUMS-1-7M

Tgt Ion:107 Resp: 170507

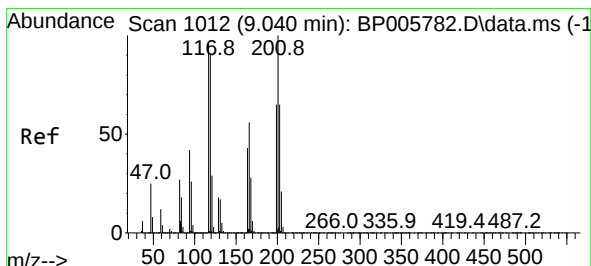
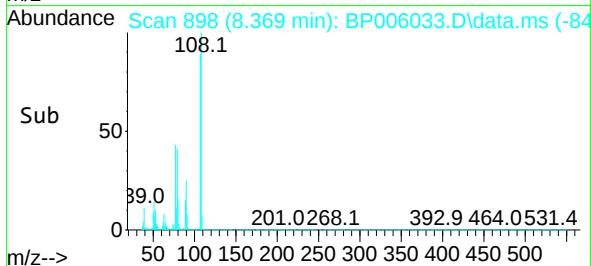
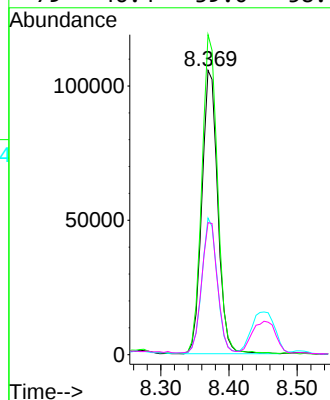
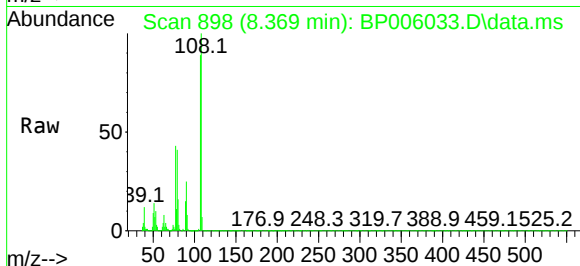
Ion Ratio Lower Upper

107 100

108 112.6 87.7 131.5

77 48.1 40.2 60.2

79 46.4 39.0 58.4



#18

Hexachloroethane

Concen: 42.142 ng

RT: 8.998 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BP006033.D

Acq: 23 Jun 2021 14:11

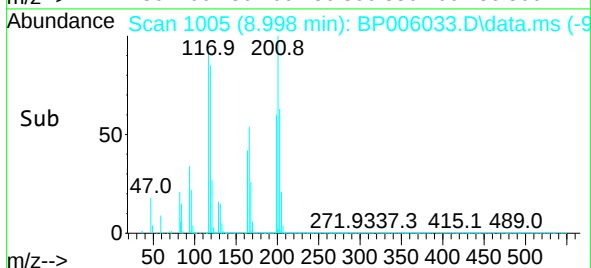
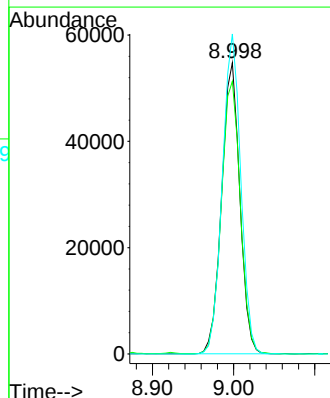
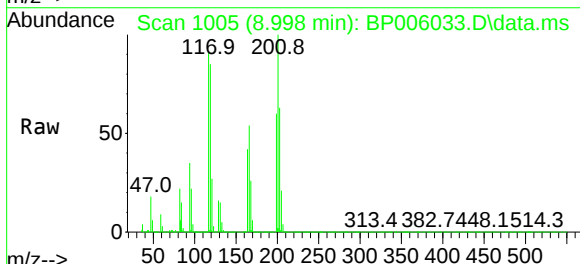
Tgt Ion:117 Resp: 85340

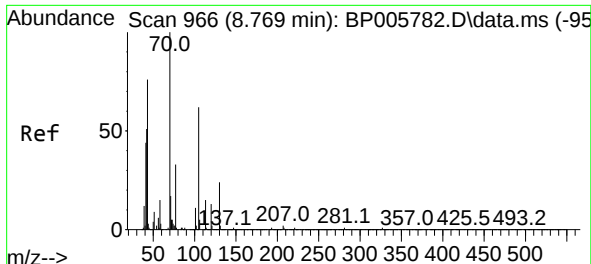
Ion Ratio Lower Upper

117 100

119 93.6 76.2 114.2

201 109.9 83.4 125.0



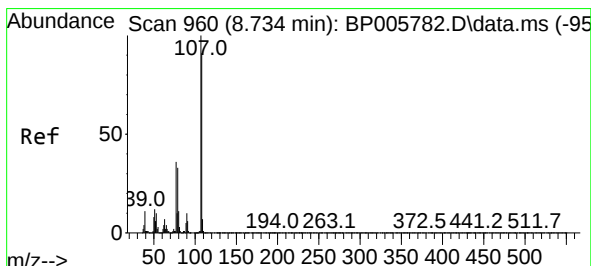
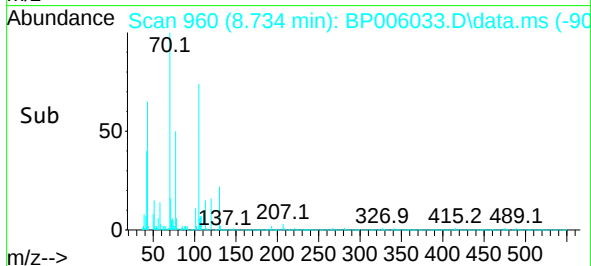
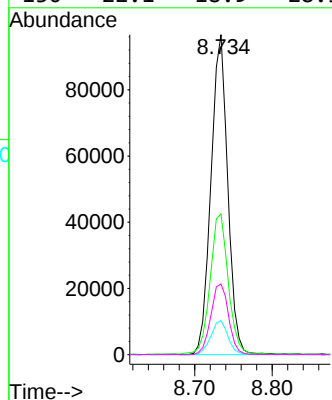
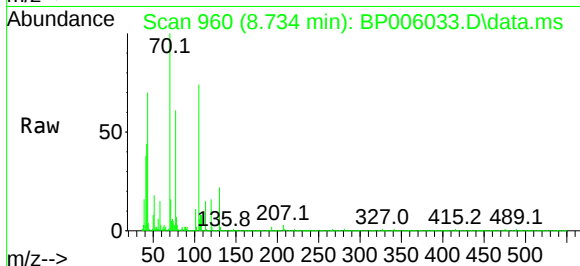


#19

n-Nitroso-di-n-propylamine
 Concen: 42.700 ng
 RT: 8.734 min Scan# 960
 Delta R.T. -0.000 min
 Lab File: BP006033.D
 Acq: 23 Jun 2021 14:11

Instrument :
 BNA_P
 ClientSampleId :
 RIG-DRILL-CUTTING-DRUMS-1-7M

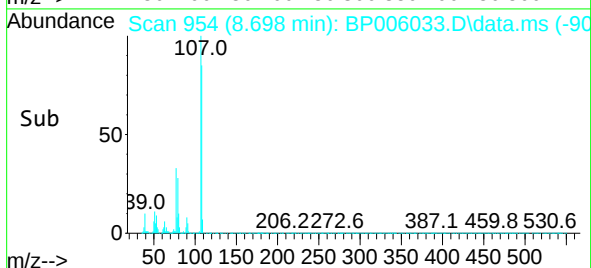
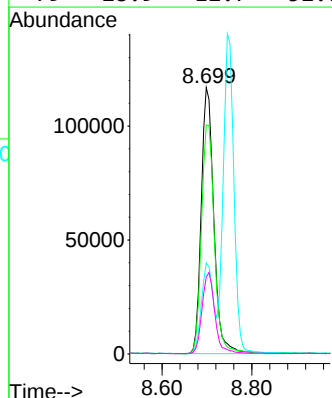
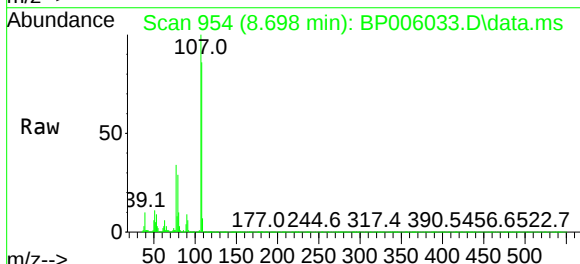
Tgt Ion:	70	Resp:	145790
Ion	Ratio	Lower	Upper
70	100		
42	44.0	40.8	61.2
101	10.7	8.8	13.2
130	22.1	18.9	28.3

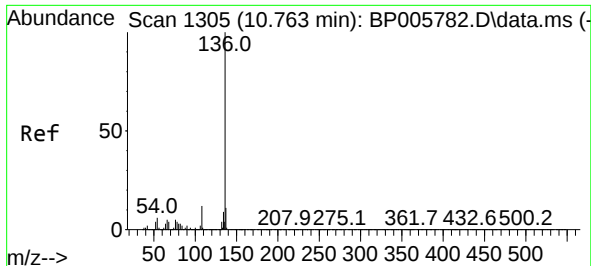


#20

3+4-Methylphenols
 Concen: 44.759 ng
 RT: 8.698 min Scan# 954
 Delta R.T. -0.000 min
 Lab File: BP006033.D
 Acq: 23 Jun 2021 14:11

Tgt Ion:	107	Resp:	228395
Ion	Ratio	Lower	Upper
107	100		
108	85.9	71.0	111.0
77	34.1	16.6	56.6
79	28.9	12.7	52.7

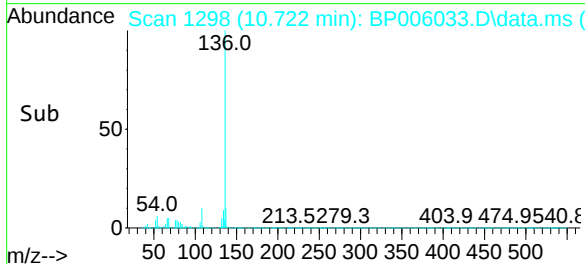
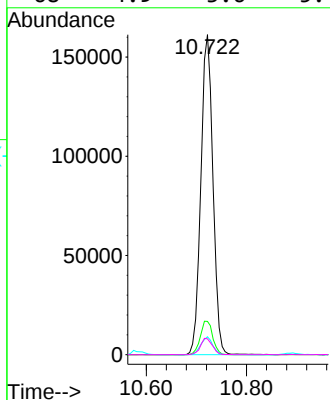
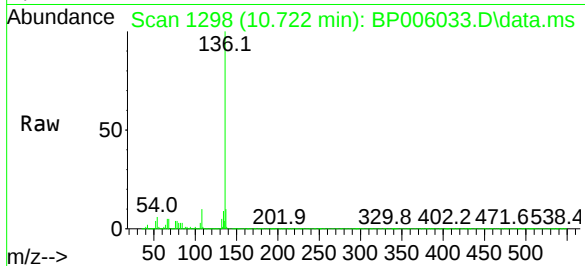




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

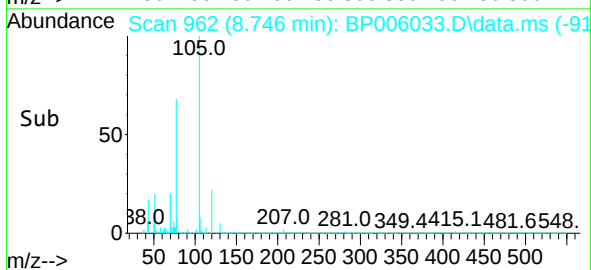
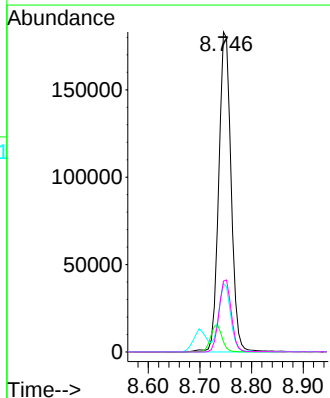
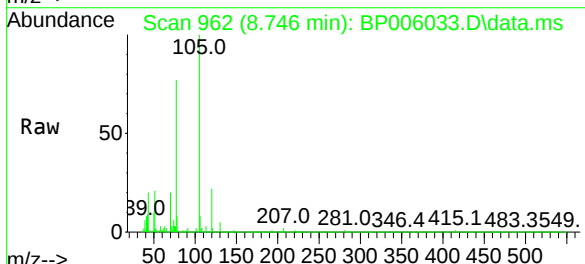
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

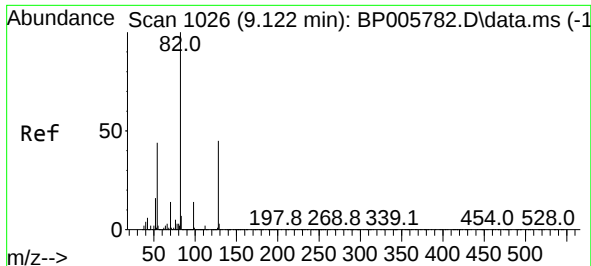
Tgt Ion:	136	Resp:	269722
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.6	12.8
54	5.6	4.6	6.8
68	4.9	3.6	5.4



#22
Acetophenone
Concen: 42.714 ng
RT: 8.746 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:	105	Resp:	303241
Ion Ratio	Lower	Upper	
105	100		
71	3.1	1.9	2.9
51	21.4	18.4	27.6
120	22.2	17.9	26.9

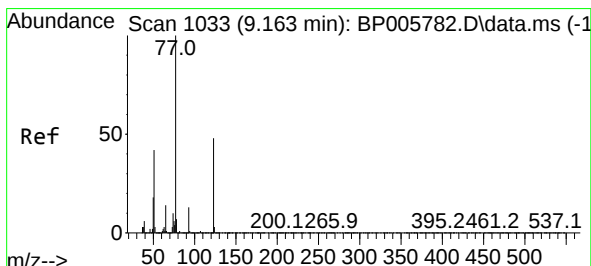
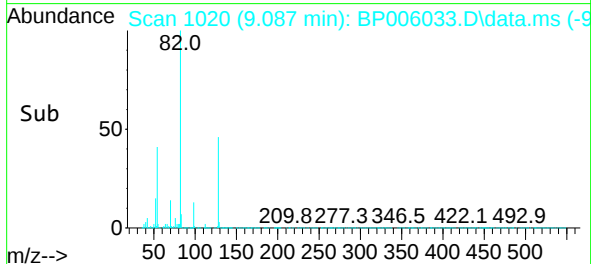
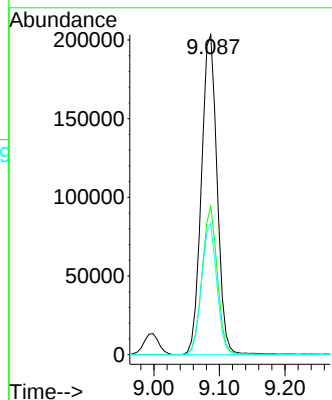
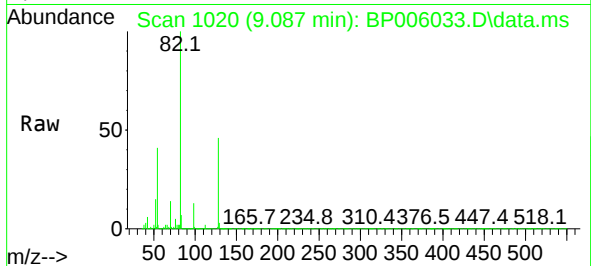




#23
Nitrobenzene-d5
Concen: 61.843 ng
RT: 9.087 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

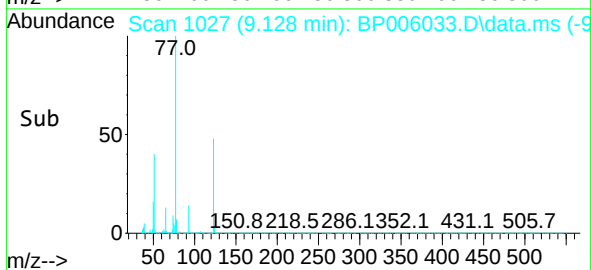
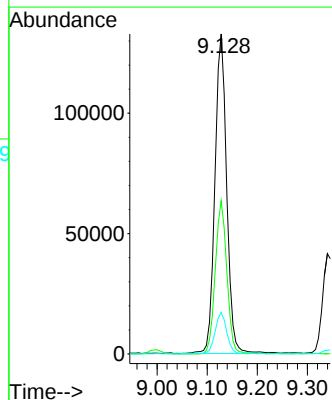
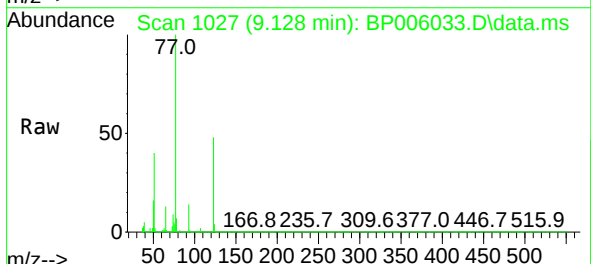
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

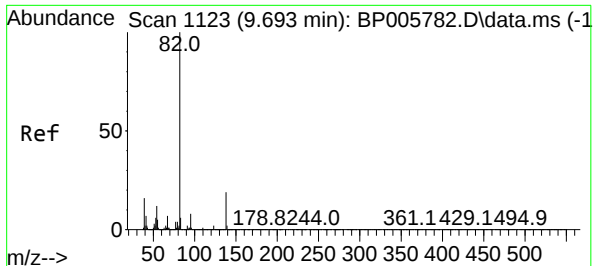
Tgt Ion: 82 Resp: 340228
Ion Ratio Lower Upper
82 100
128 46.3 35.7 53.5
54 41.0 35.0 52.4



#24
Nitrobenzene
Concen: 37.819 ng
RT: 9.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion: 77 Resp: 216053
Ion Ratio Lower Upper
77 100
123 47.9 38.2 57.2
65 13.0 11.4 17.2

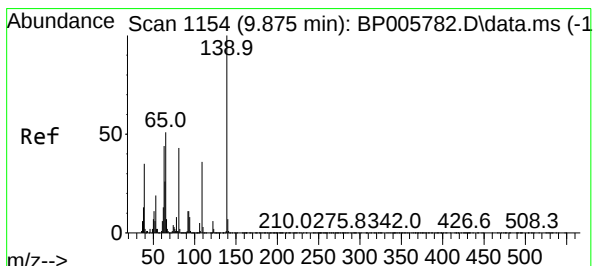
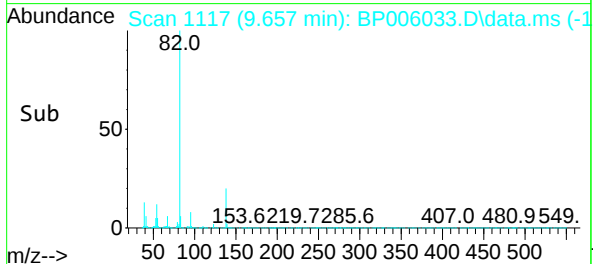
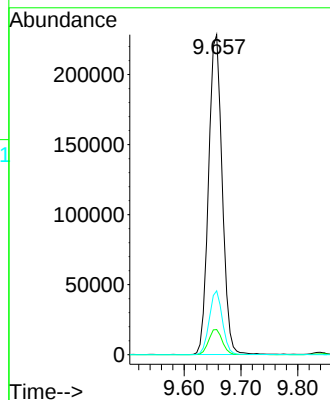
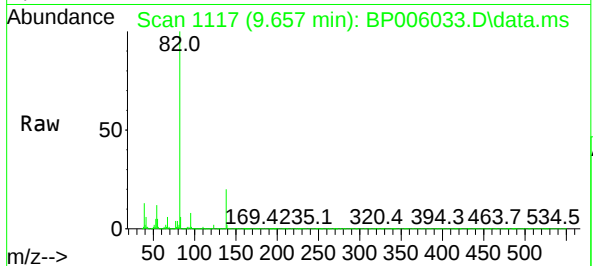




#25
Isophorone
Concen: 37.221 ng
RT: 9.657 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

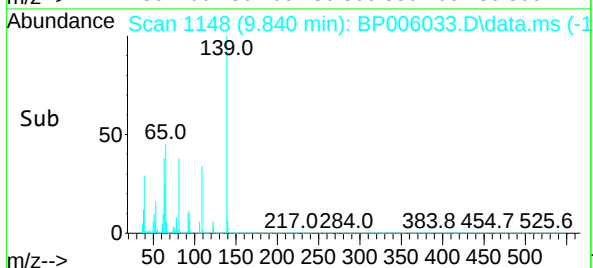
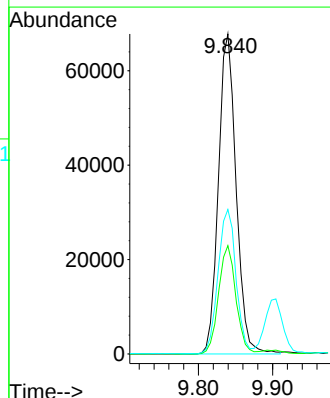
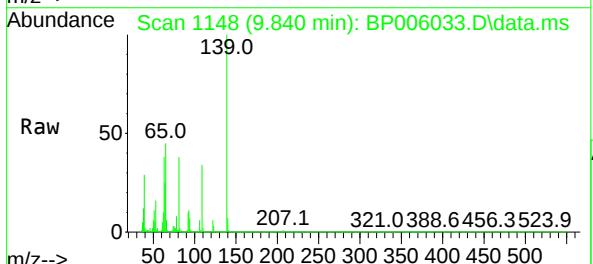
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

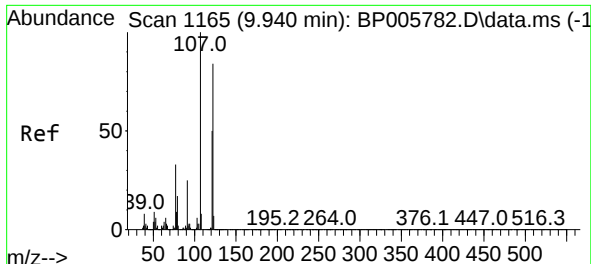
Tgt Ion: 82 Resp: 378156
Ion Ratio Lower Upper
82 100
95 7.9 6.5 9.7
138 20.0 15.0 22.4



#26
2-Nitrophenol
Concen: 41.224 ng
RT: 9.840 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion: 139 Resp: 112367
Ion Ratio Lower Upper
139 100
109 33.9 28.8 43.2
65 45.2 41.0 61.6

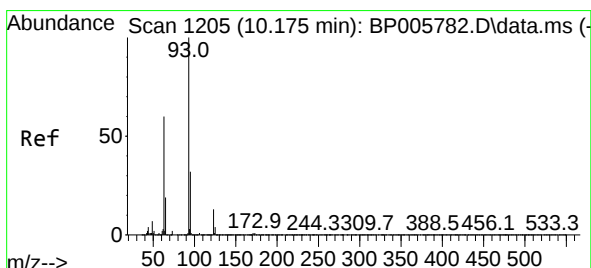
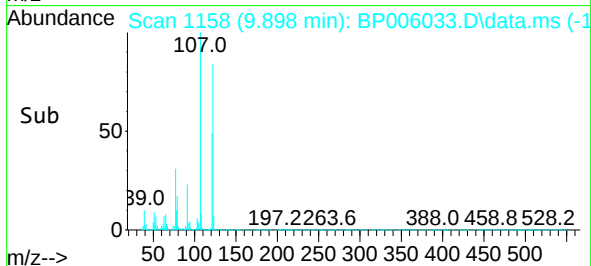
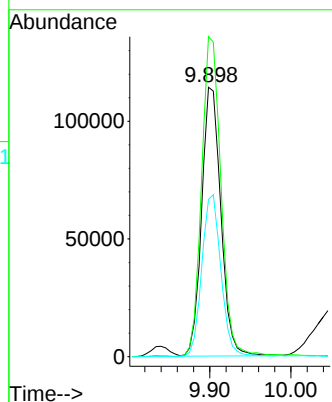
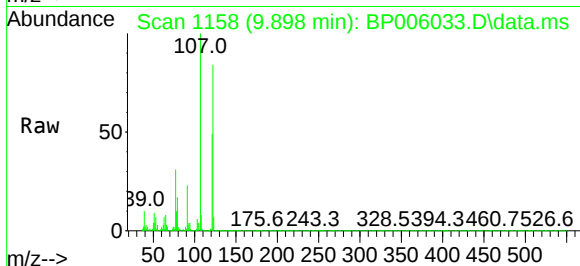




#27
2,4-Dimethylphenol
Concen: 46.295 ng
RT: 9.898 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

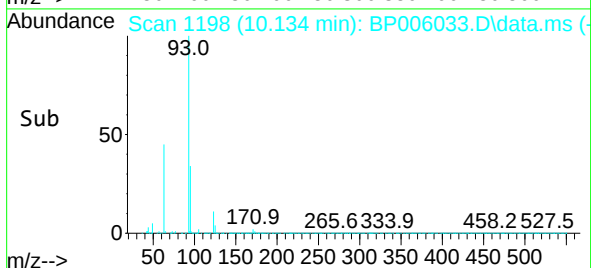
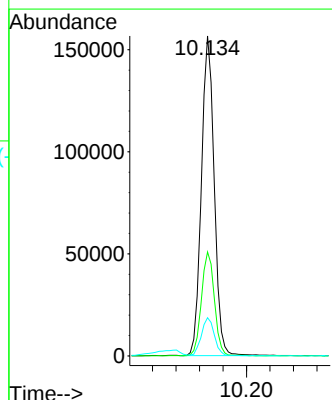
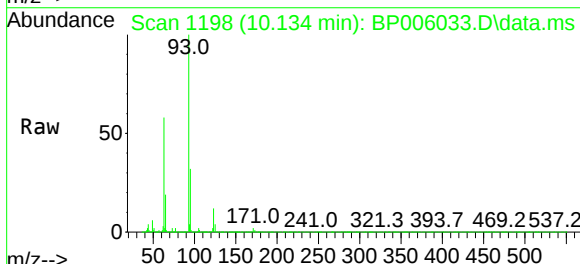
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

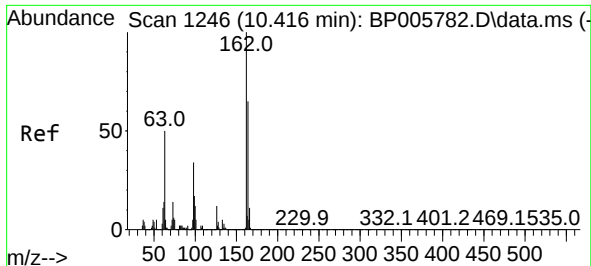
Tgt Ion:122 Resp: 187993
Ion Ratio Lower Upper
122 100
107 118.8 94.5 141.7
121 58.4 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 44.625 ng
RT: 10.134 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion: 93 Resp: 236620
Ion Ratio Lower Upper
93 100
95 32.5 25.9 38.9
123 11.9 10.2 15.2

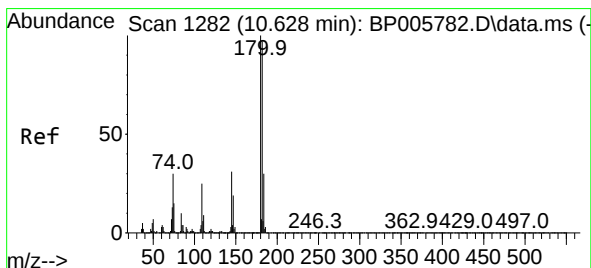
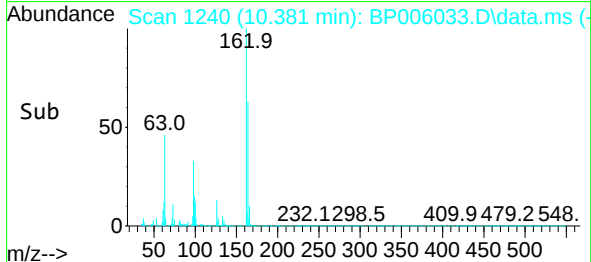
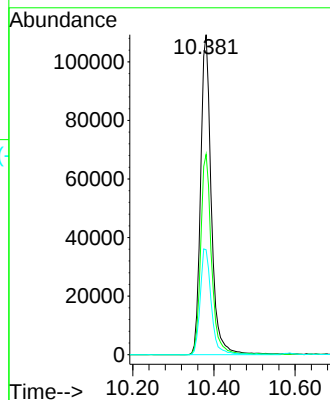
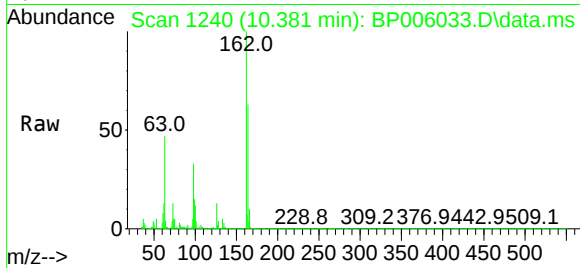




#29
2,4-Dichlorophenol
Concen: 41.089 ng
RT: 10.381 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

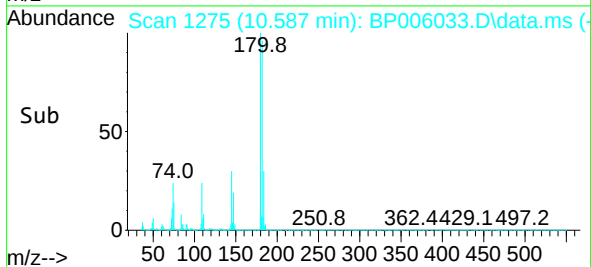
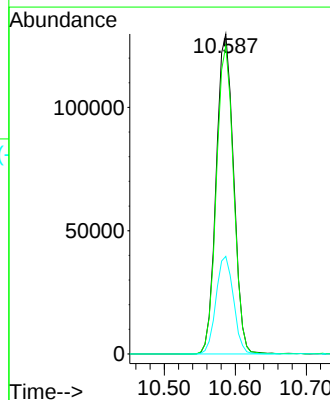
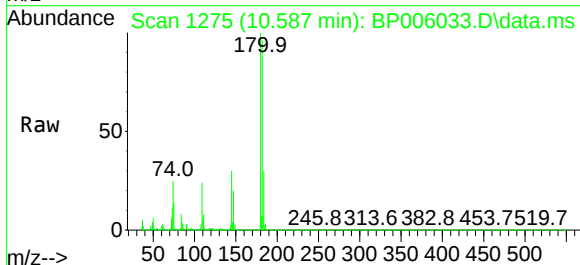
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

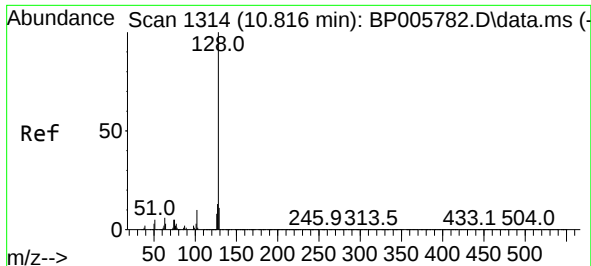
Tgt Ion:162 Resp: 200516
Ion Ratio Lower Upper
162 100
164 62.6 44.9 84.9
98 32.8 14.3 54.3



#30
1,2,4-Trichlorobenzene
Concen: 40.029 ng
RT: 10.587 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:180 Resp: 219497
Ion Ratio Lower Upper
180 100
182 96.3 77.9 116.9
145 30.5 24.7 37.1

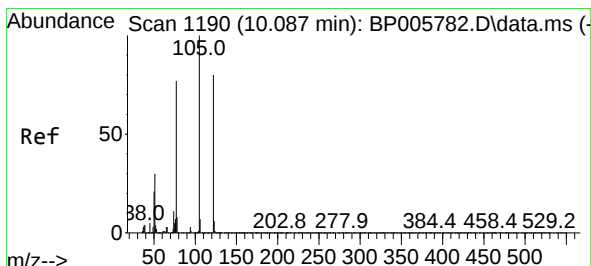
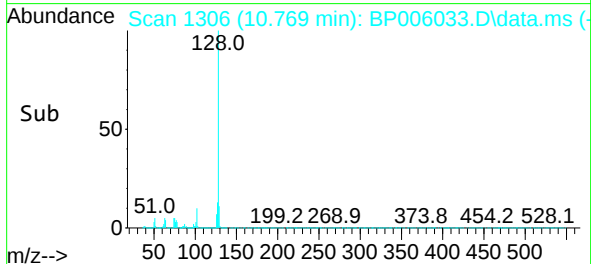
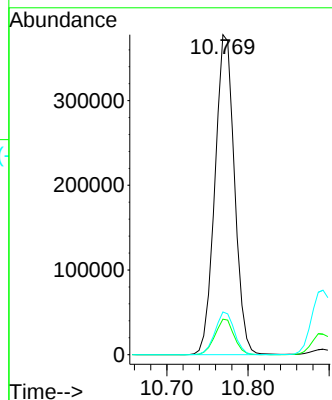
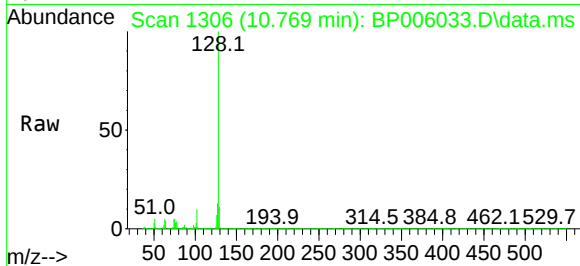




#31
Naphthalene
Concen: 40.503 ng
RT: 10.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

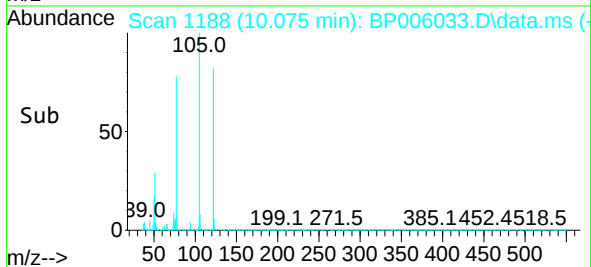
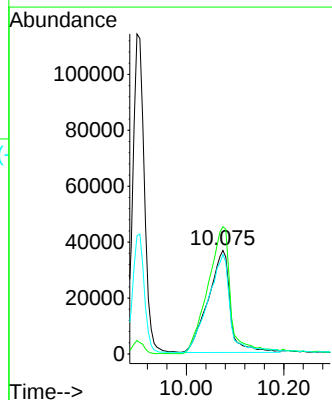
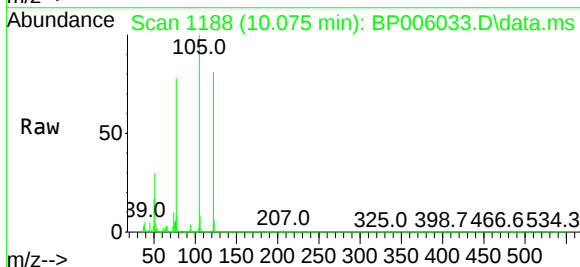
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

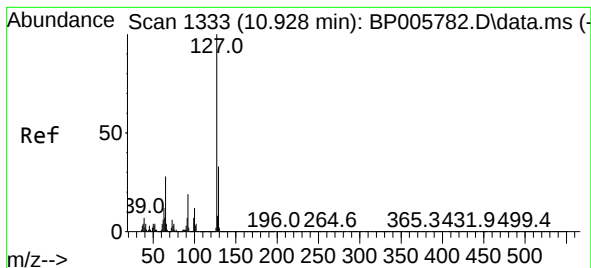
Tgt Ion:128 Resp: 632090
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 39.188 ng
RT: 10.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:122 Resp: 115167
Ion Ratio Lower Upper
122 100
105 122.9 103.2 143.2
77 96.0 76.2 116.2

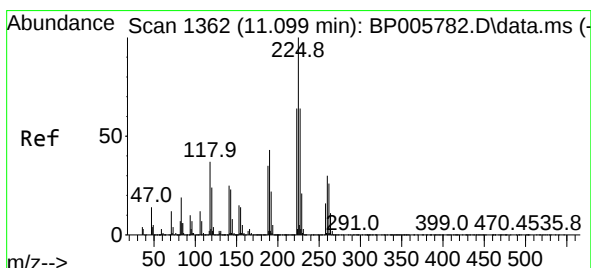
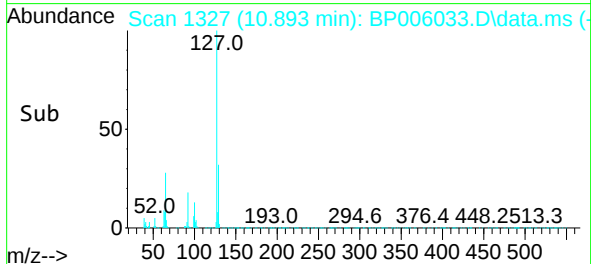
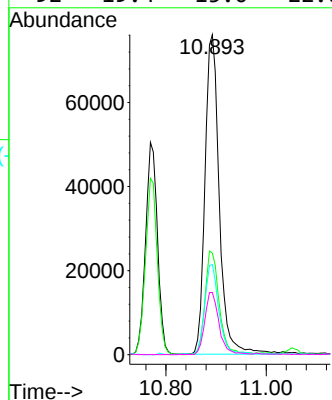
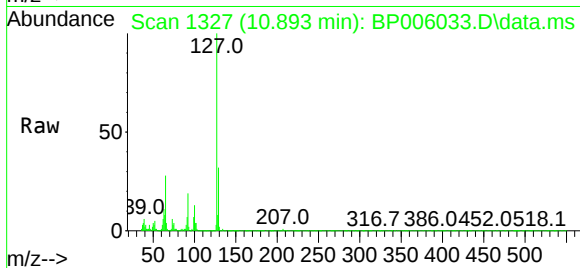




#33
4-Chloroaniline
Concen: 23.947 ng
RT: 10.893 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

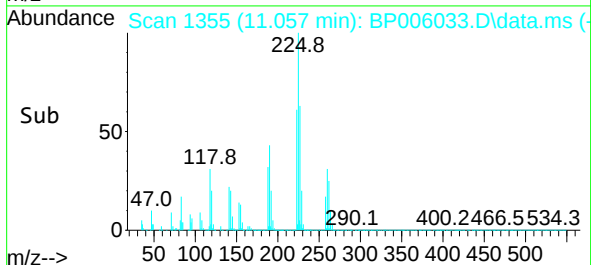
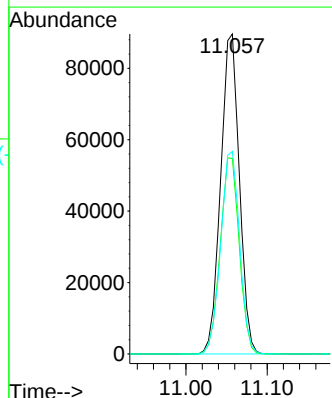
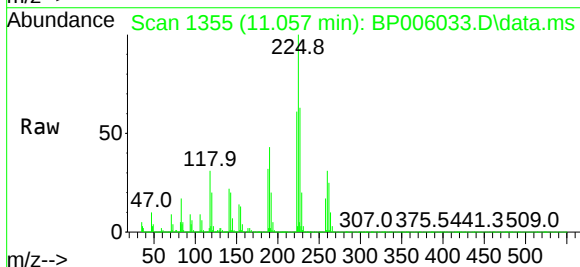
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

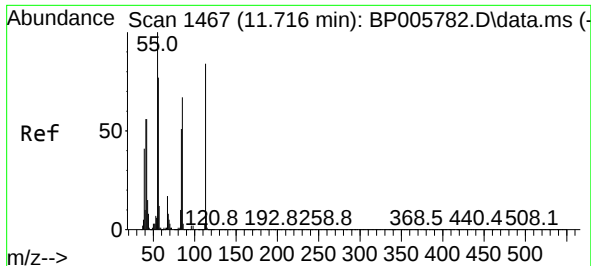
Tgt Ion:	127	Resp:	150976
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.1	39.1
65	28.1	22.5	33.7
92	19.4	15.0	22.6



#34
Hexachlorobutadiene
Concen: 38.701 ng
RT: 11.057 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:	225	Resp:	143540
Ion	Ratio	Lower	Upper
225	100		
223	61.1	51.0	76.6
227	63.3	51.4	77.2

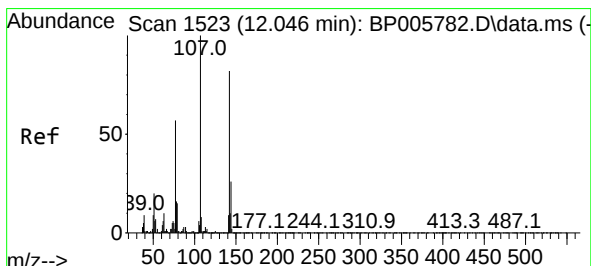
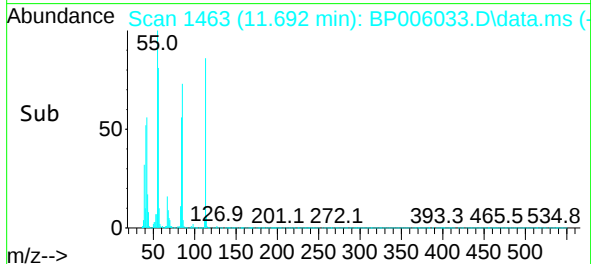
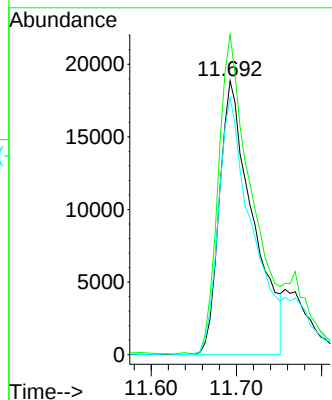
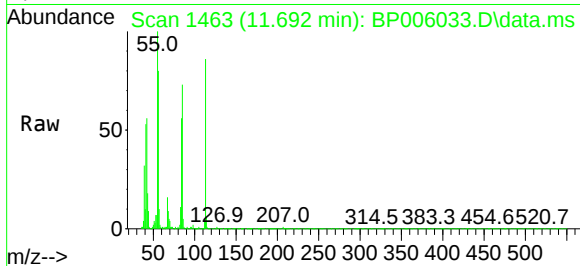




#35
Caprolactam
Concen: 36.348 ng
RT: 11.692 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

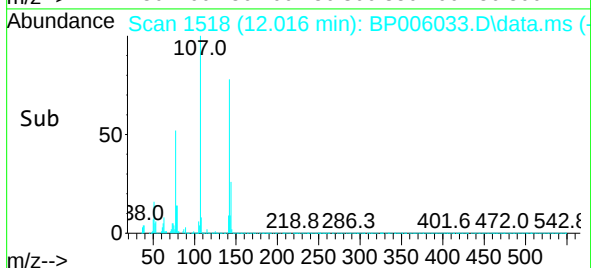
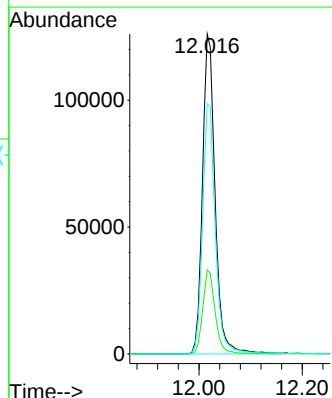
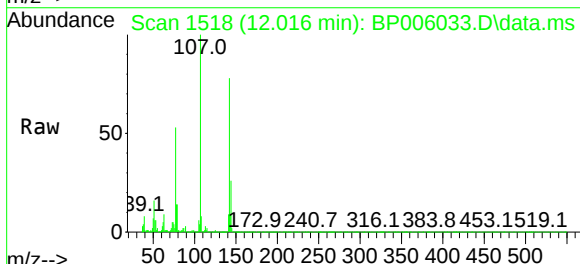
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

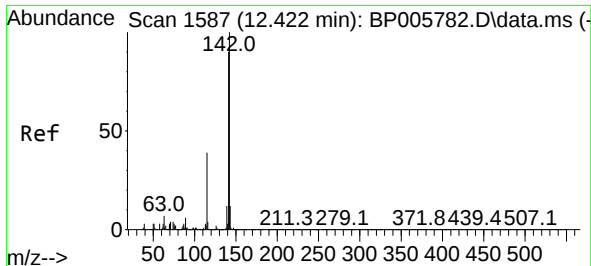
Tgt Ion:113 Resp: 51093
Ion Ratio Lower Upper
113 100
55 116.9 98.9 138.9
56 93.9 71.7 111.7



#36
4-Chloro-3-methylphenol
Concen: 43.091 ng
RT: 12.016 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:107 Resp: 213522
Ion Ratio Lower Upper
107 100
144 26.3 21.1 31.7
142 78.1 66.0 99.0

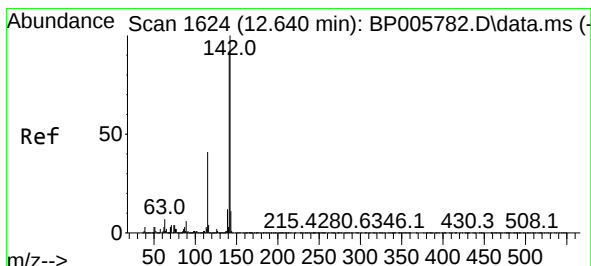
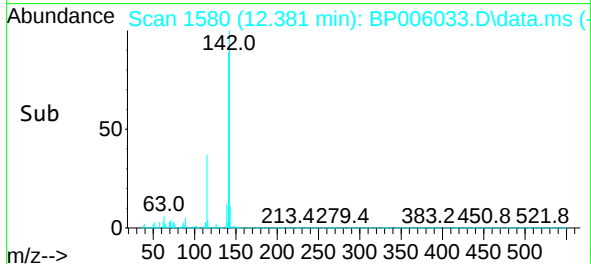
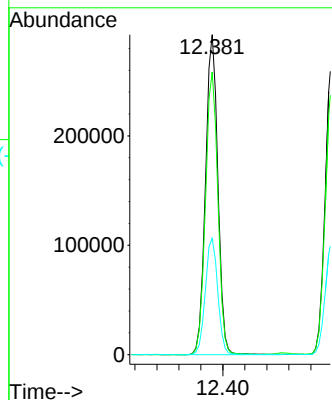
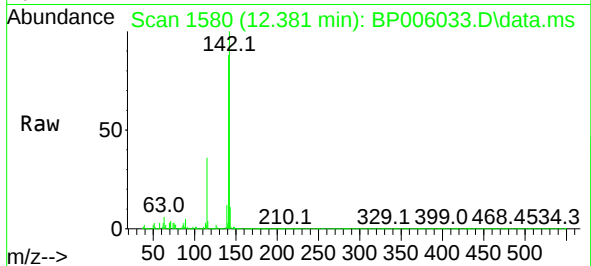




#37
2-Methylnaphthalene
Concen: 41.000 ng
RT: 12.381 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

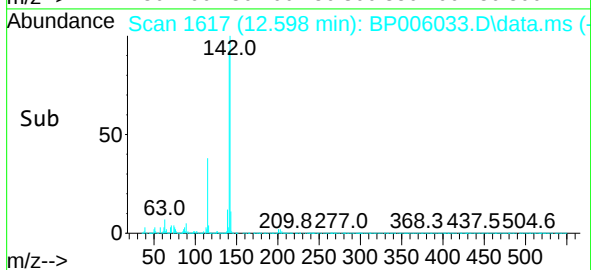
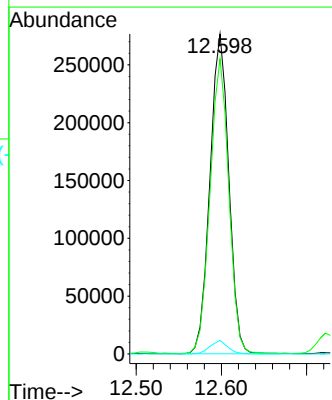
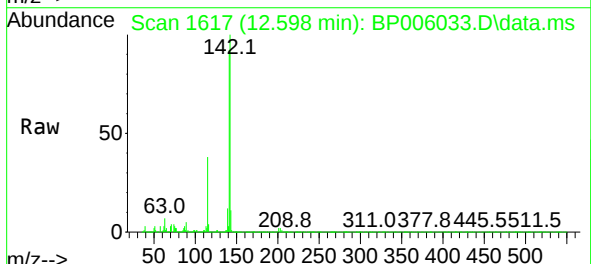
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

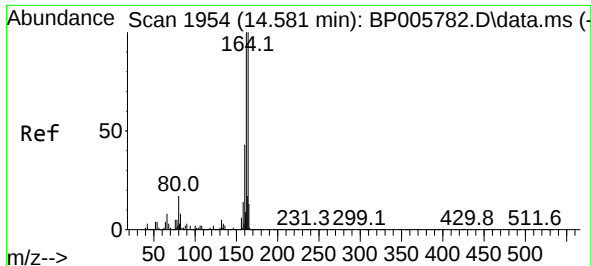
Tgt Ion:142 Resp: 455554
Ion Ratio Lower Upper
142 100
141 88.3 71.8 107.6
115 36.4 31.6 47.4



#38
1-Methylnaphthalene
Concen: 40.555 ng
RT: 12.598 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:142 Resp: 424452
Ion Ratio Lower Upper
142 100
141 92.3 73.3 109.9
116 4.2 3.5 5.3

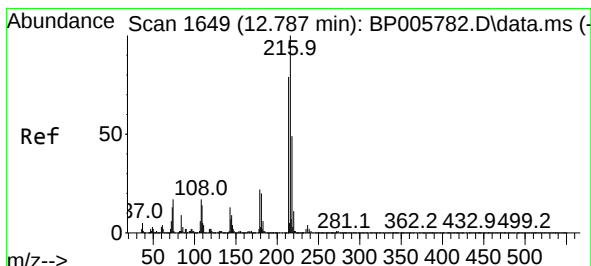
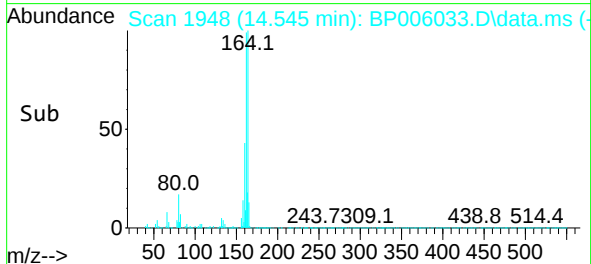
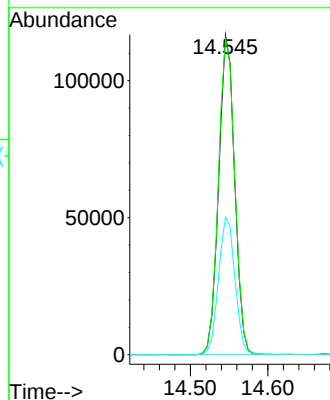
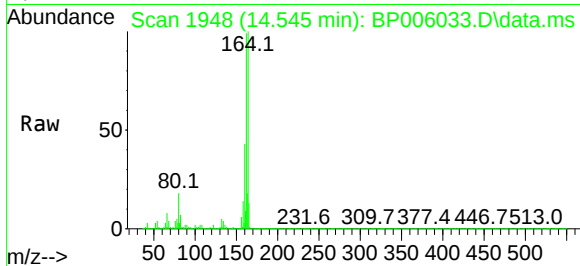




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

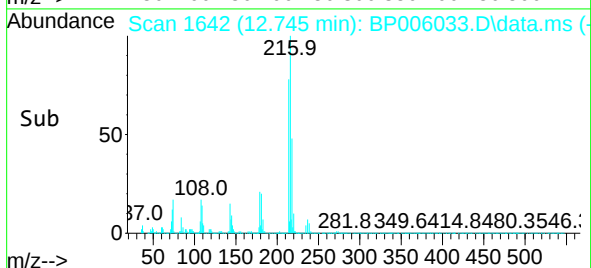
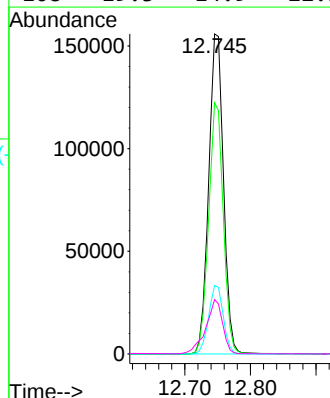
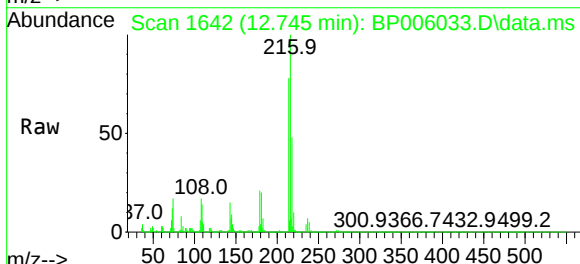
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

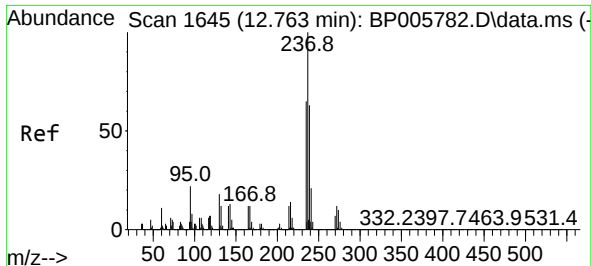
Tgt Ion:164 Resp: 166682
Ion Ratio Lower Upper
164 100
162 98.8 80.2 120.2
160 43.0 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.724 ng
RT: 12.745 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:216 Resp: 244797
Ion Ratio Lower Upper
216 100
214 78.0 61.9 92.9
179 21.2 16.8 25.2
108 19.3 14.9 22.3

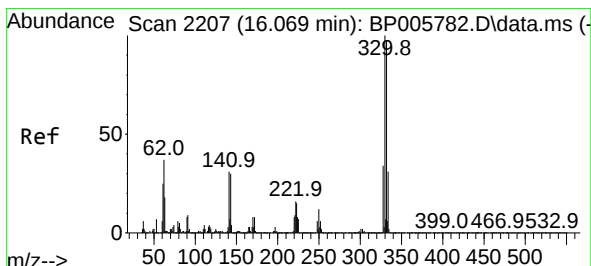
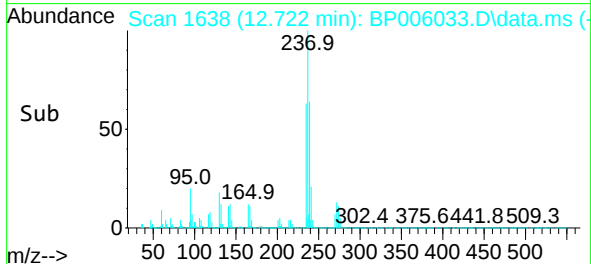
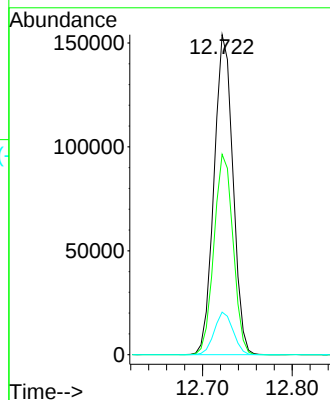
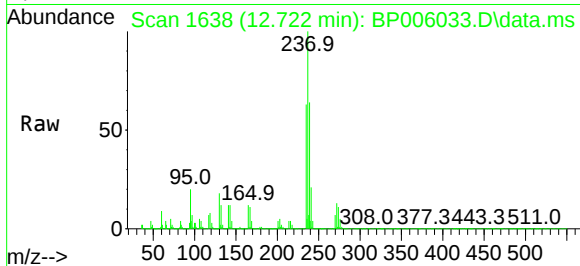




#41
Hexachlorocyclopentadiene
Concen: 76.576 ng
RT: 12.722 min Scan# 1638
Delta R.T. -0.006 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

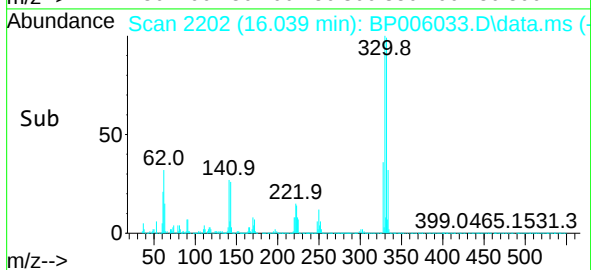
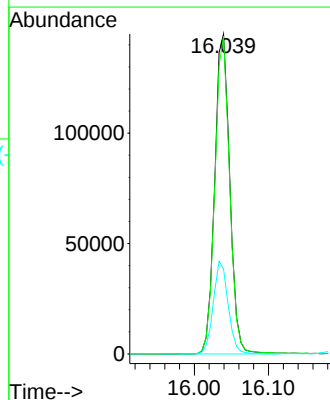
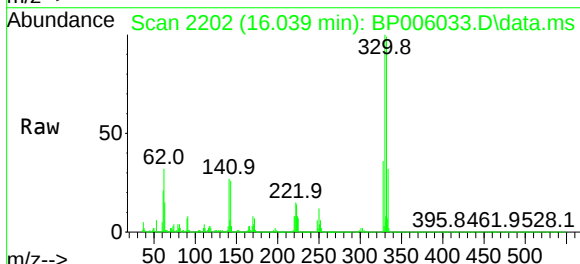
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

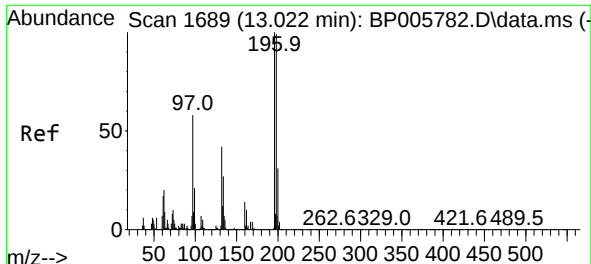
Tgt Ion:	237	Resp:	224991
Ion	Ratio	Lower	Upper
237	100		
235	62.6	44.5	84.5
272	13.3	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 71.433 ng
RT: 16.039 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:	330	Resp:	204327
Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.8	116.8
141	28.8	25.4	38.2

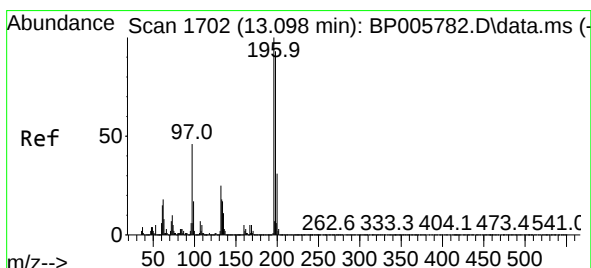
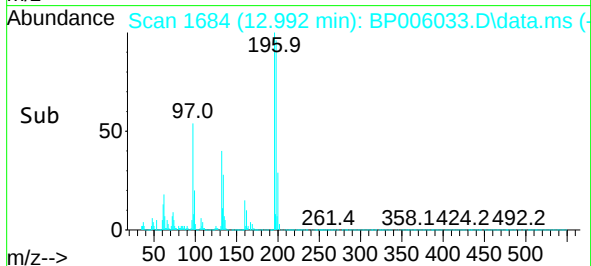
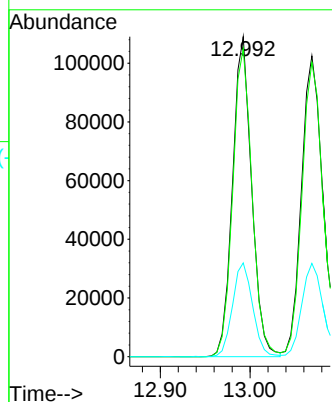
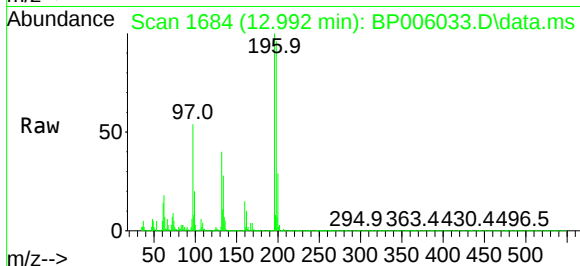




#43
2,4,6-Trichlorophenol
Concen: 40.075 ng
RT: 12.992 min Scan# 1684
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

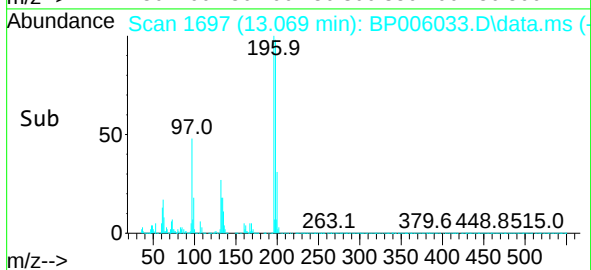
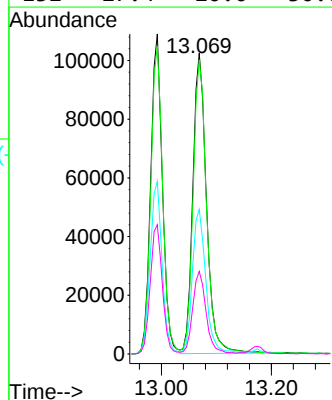
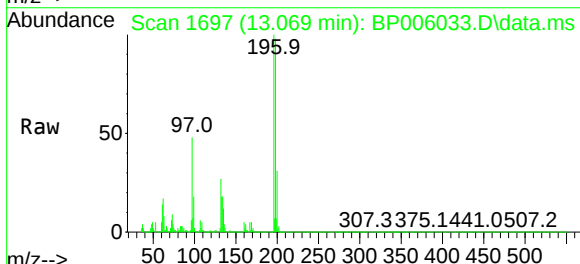
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

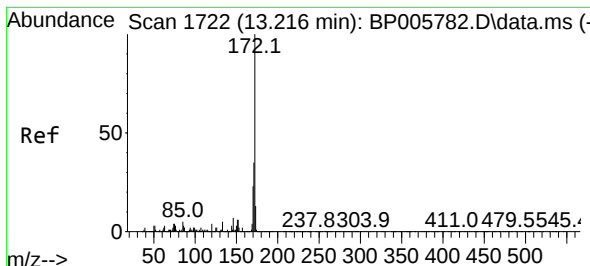
Tgt Ion:196 Resp: 161272
Ion Ratio Lower Upper
196 100
198 96.2 79.5 119.3
200 29.3 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 40.656 ng
RT: 13.069 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:196 Resp: 176202
Ion Ratio Lower Upper
196 100
198 97.8 74.7 112.1
97 48.0 37.4 56.0
132 27.4 20.0 30.0

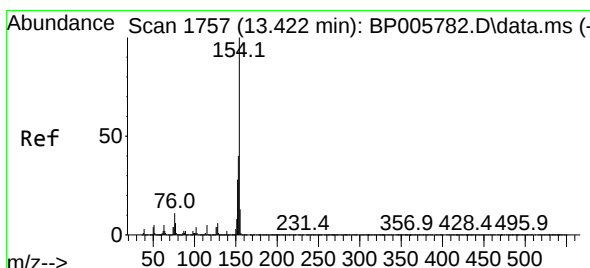
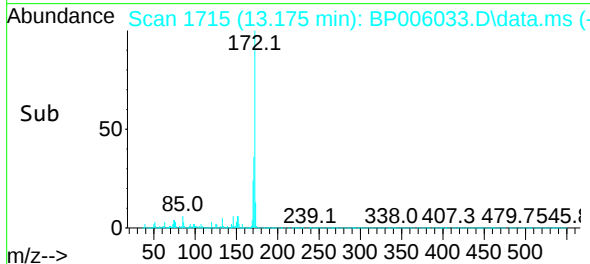
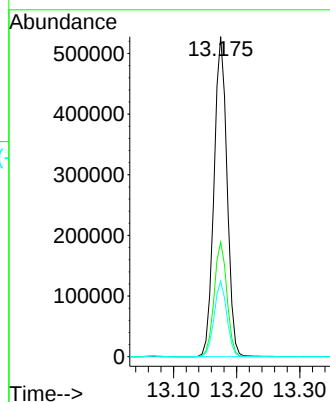
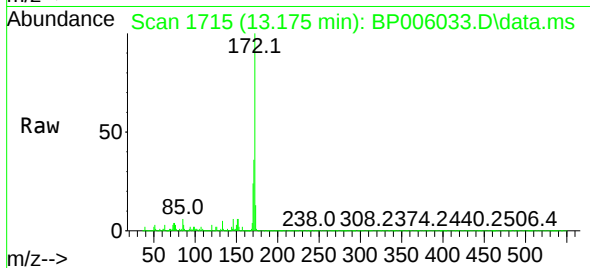




#45
2-Fluorobiphenyl
Concen: 59.452 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

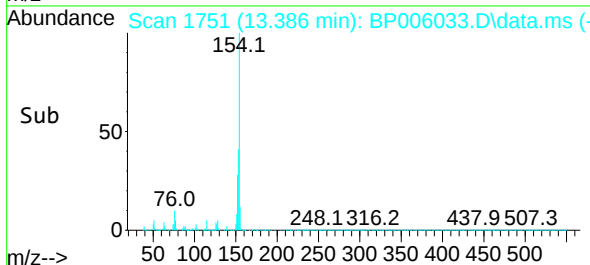
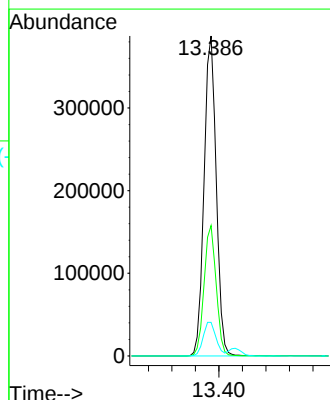
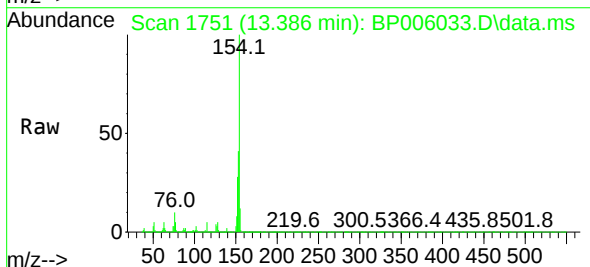
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

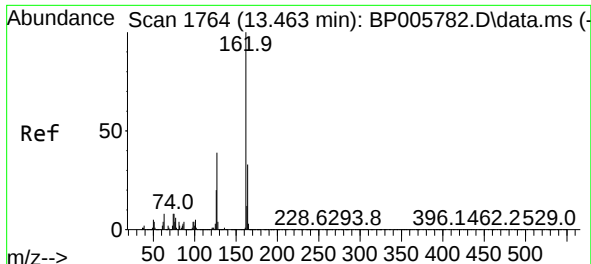
Tgt Ion:172 Resp: 754648
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.6 18.6 27.8



#46
1,1'-Biphenyl
Concen: 41.403 ng
RT: 13.386 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:154 Resp: 556425
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 10.5 0.0 30.8

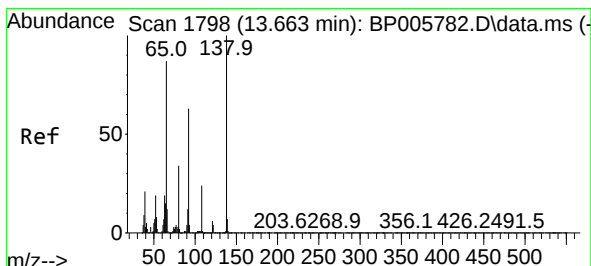
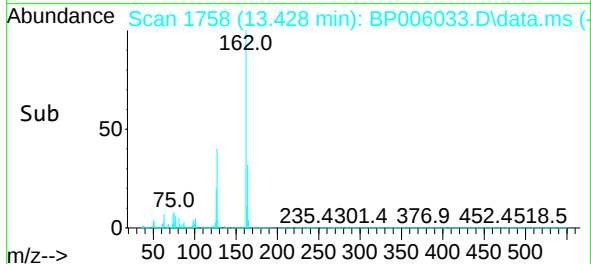
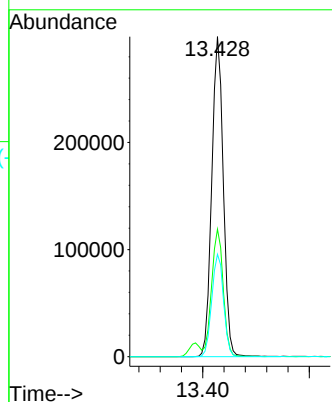
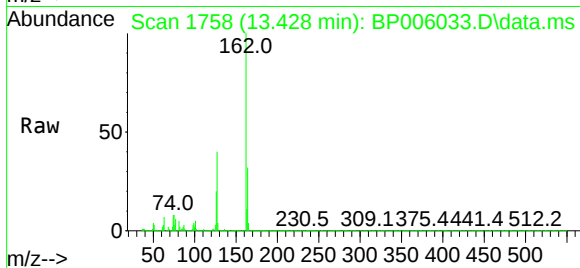




#47
2-Chloronaphthalene
Concen: 40.998 ng
RT: 13.428 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

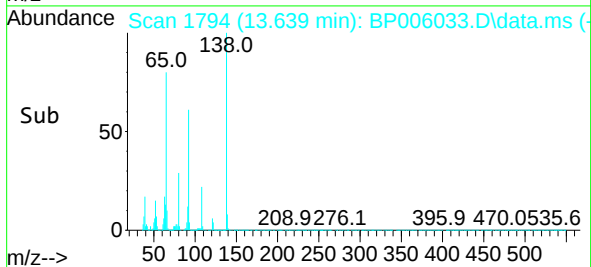
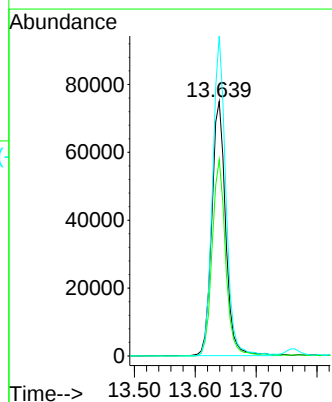
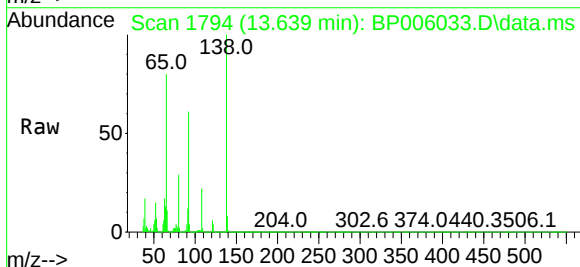
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

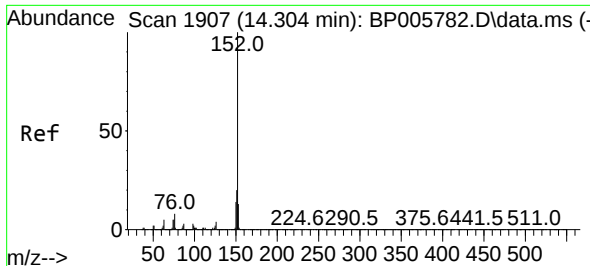
Tgt Ion:162 Resp: 449922
Ion Ratio Lower Upper
162 100
127 39.9 31.4 47.0
164 32.0 26.6 39.8



#48
2-Nitroaniline
Concen: 41.132 ng
RT: 13.639 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion: 65 Resp: 118684
Ion Ratio Lower Upper
65 100
92 77.1 57.7 86.5
138 125.7 92.1 138.1

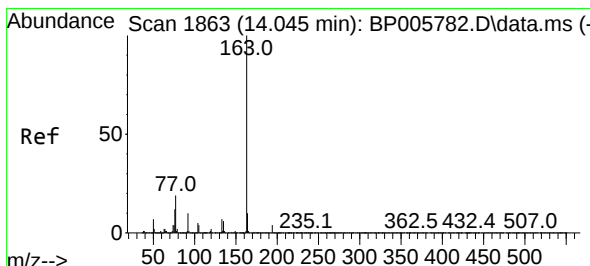
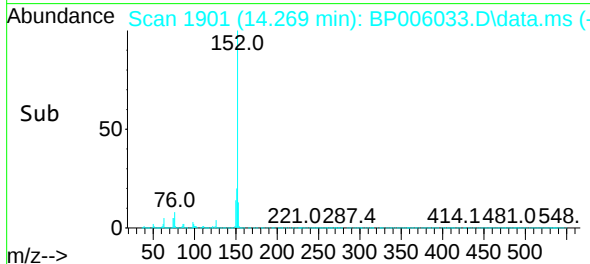
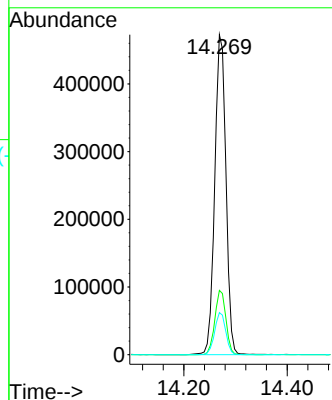
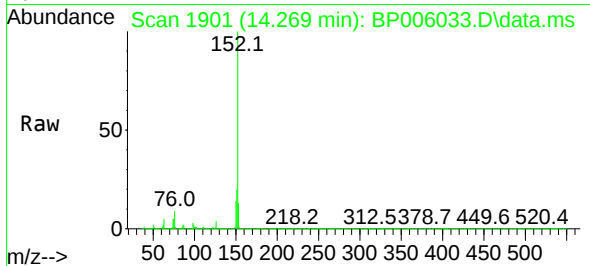




#49
Acenaphthylene
Concen: 42.103 ng
RT: 14.269 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

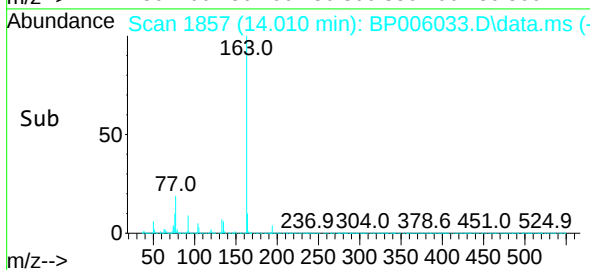
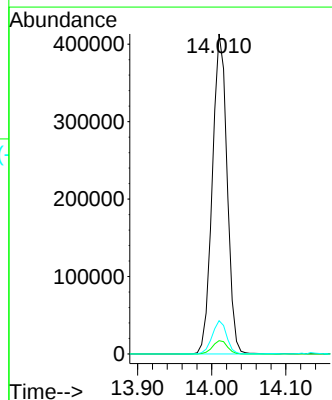
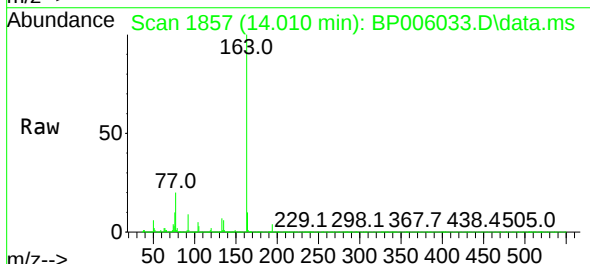
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

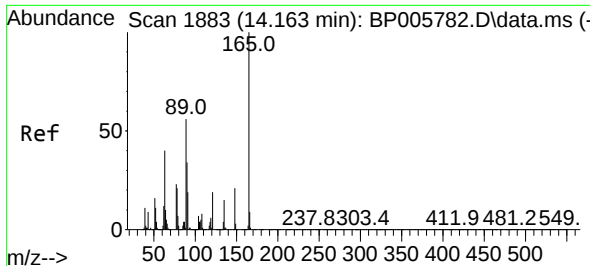
Tgt Ion:152 Resp: 708868
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.2 10.6 16.0



#50
Dimethylphthalate
Concen: 41.687 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:163 Resp: 571313
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.4 8.2 12.2

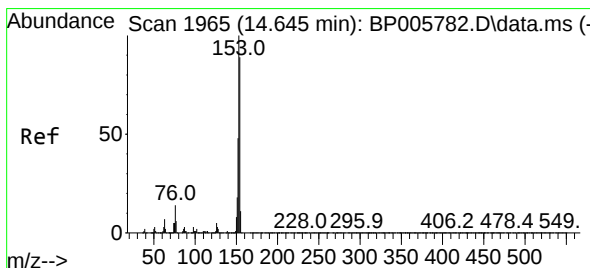
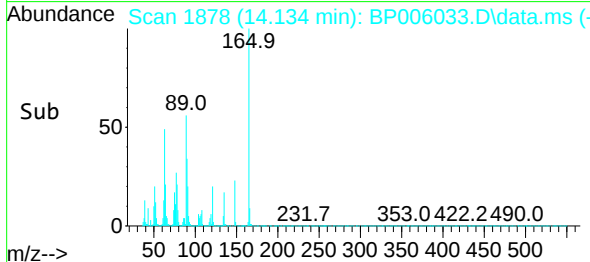
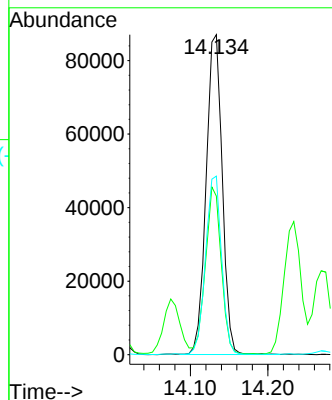
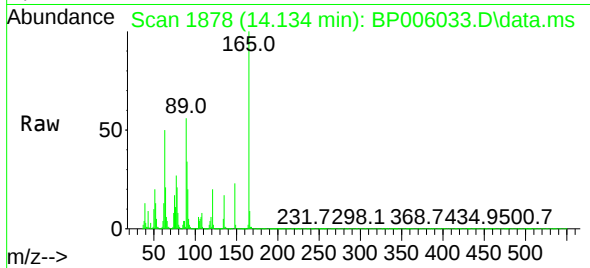




#51
2,6-Dinitrotoluene
Concen: 40.342 ng
RT: 14.134 min Scan# 1878
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

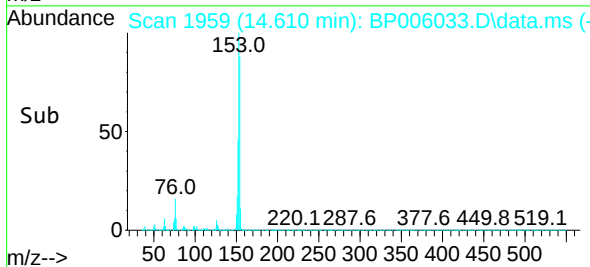
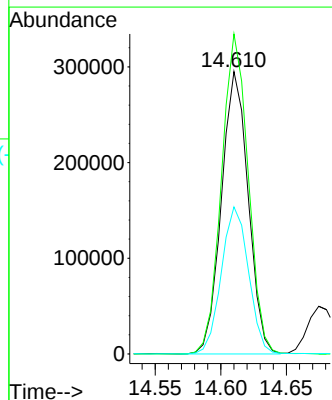
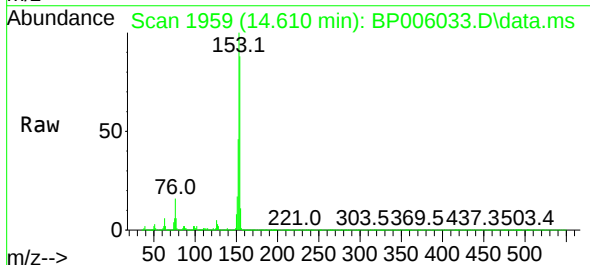
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

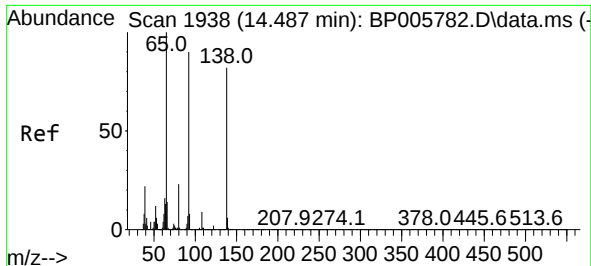
Tgt Ion:165 Resp: 125662
Ion Ratio Lower Upper
165 100
63 49.6 41.3 61.9
89 55.8 44.8 67.2



#52
Acenaphthene
Concen: 40.873 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:154 Resp: 417900
Ion Ratio Lower Upper
154 100
153 113.3 89.4 134.2
152 52.1 43.0 64.4

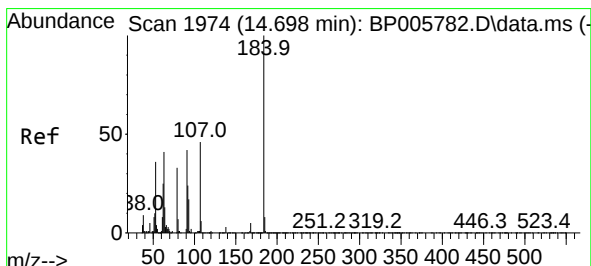
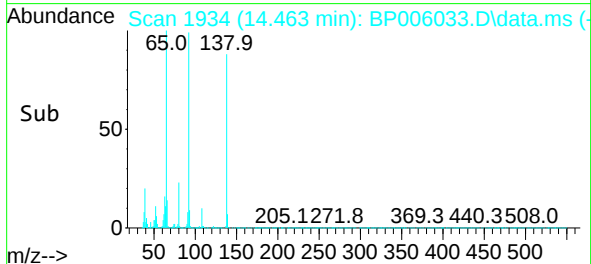
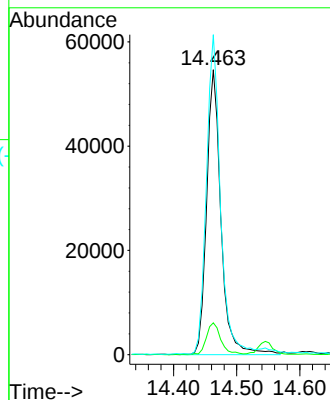
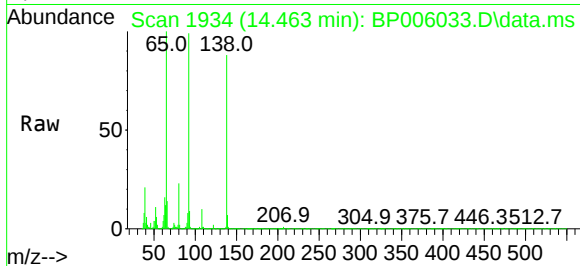




#53
3-Nitroaniline
Concen: 28.612 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

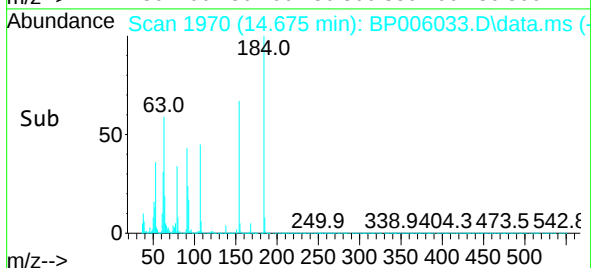
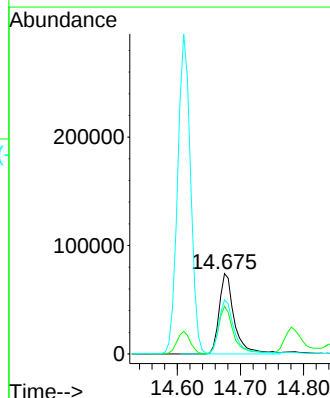
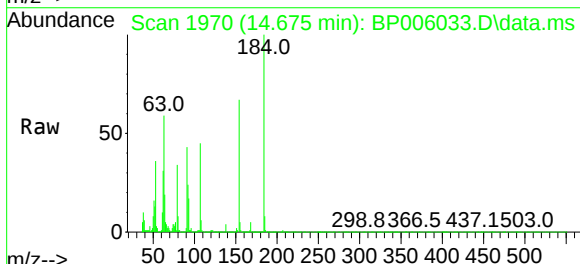
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

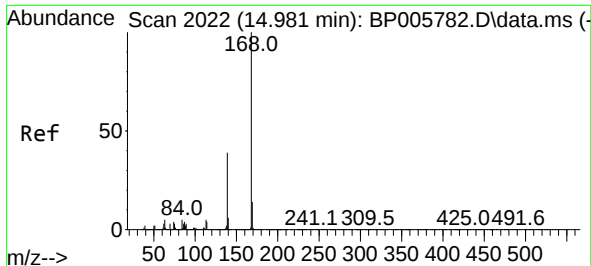
Tgt Ion:138 Resp: 86380
Ion Ratio Lower Upper
138 100
108 11.2 8.4 12.6
92 112.3 87.8 131.8



#54
2,4-Dinitrophenol
Concen: 67.398 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:184 Resp: 123356
Ion Ratio Lower Upper
184 100
63 59.4 47.0 70.6
154 67.3 52.3 78.5

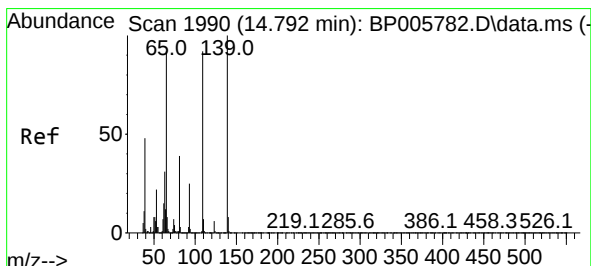
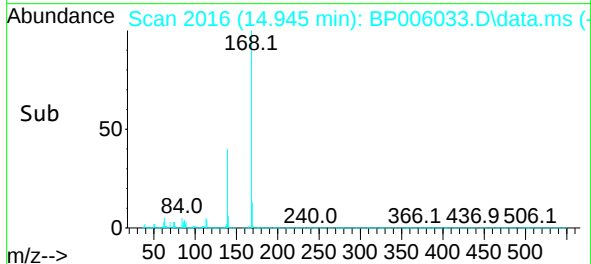
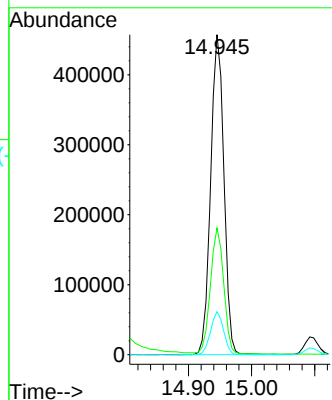
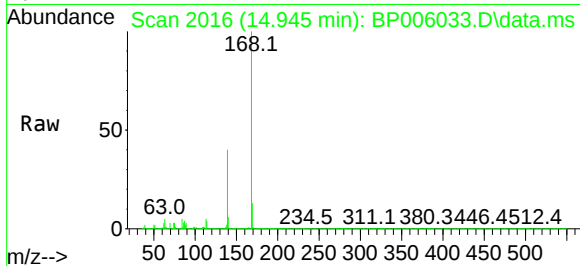




#55
Dibenzenofuran
Concen: 39.581 ng
RT: 14.945 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

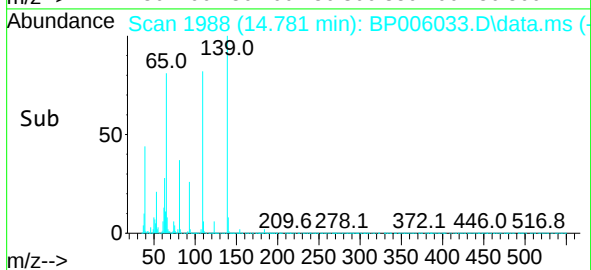
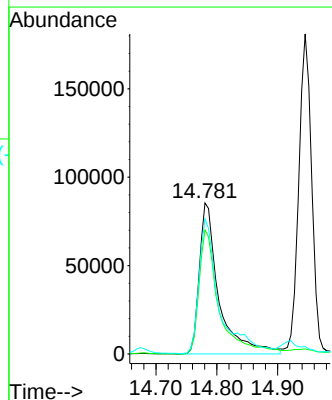
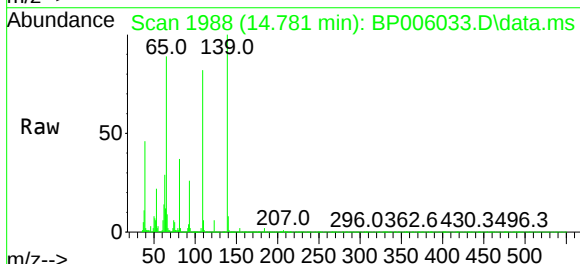
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

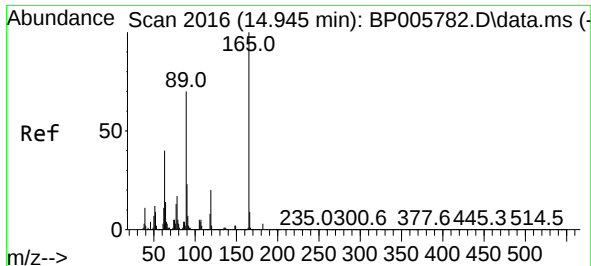
Tgt Ion:168 Resp: 665535
Ion Ratio Lower Upper
168 100
139 39.6 31.0 46.6
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 78.177 ng
RT: 14.781 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:139 Resp: 191307
Ion Ratio Lower Upper
139 100
109 82.2 72.3 112.3
65 89.4 72.5 112.5

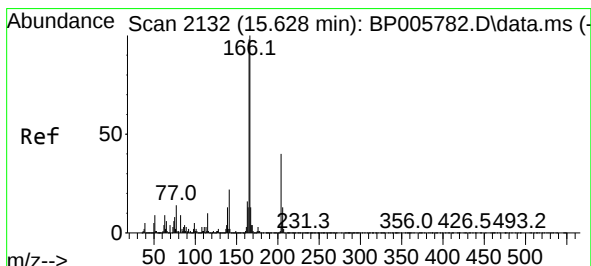
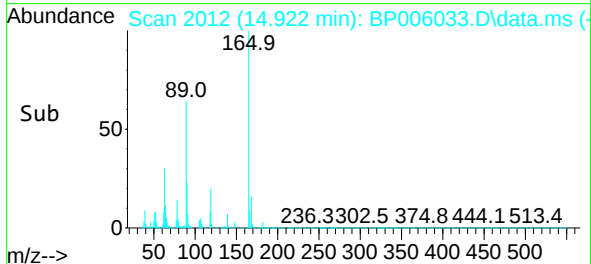
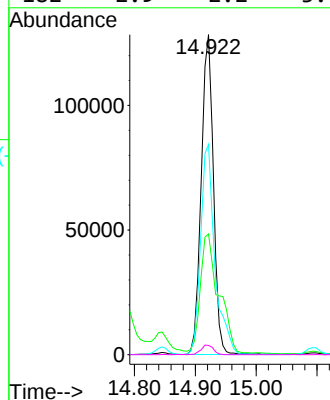
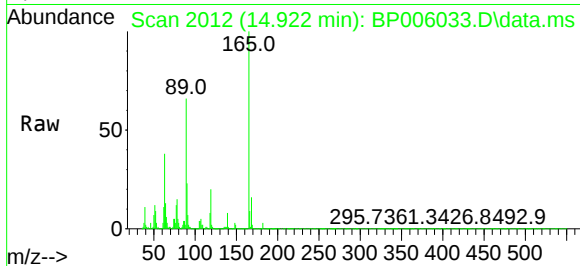




#57
2,4-Dinitrotoluene
Concen: 42.737 ng
RT: 14.922 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

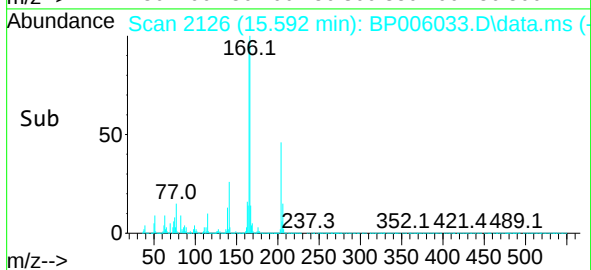
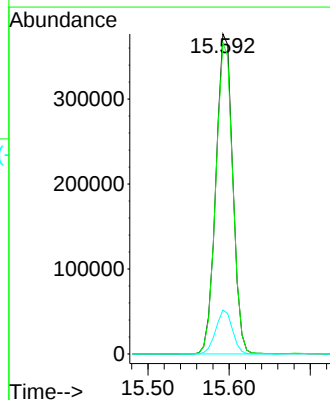
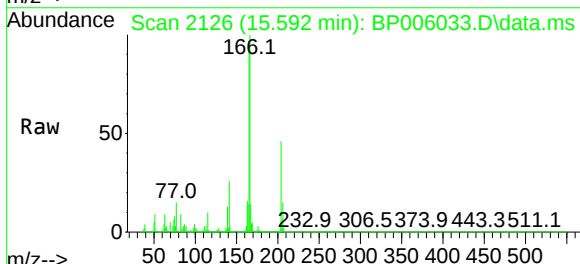
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

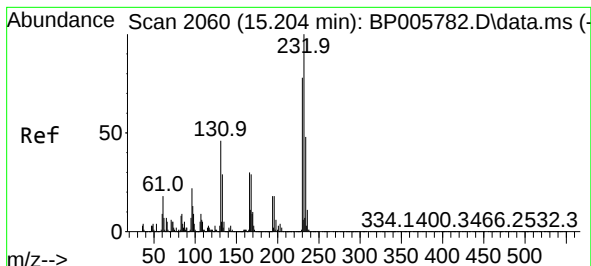
Tgt Ion:	165	Resp:	178052
Ion Ratio	Lower	Upper	
165	100		
63	37.7	32.3	48.5
89	65.7	55.9	83.9
182	2.9	2.2	3.4



#58
Fluorene
Concen: 41.304 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:	166	Resp:	541127
Ion Ratio	Lower	Upper	
166	100		
165	97.2	78.0	117.0
167	13.7	10.5	15.7

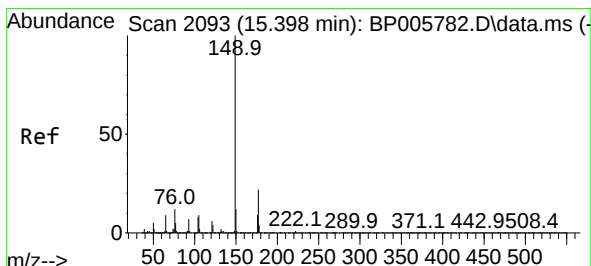
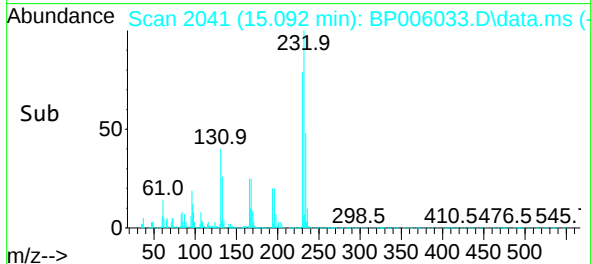
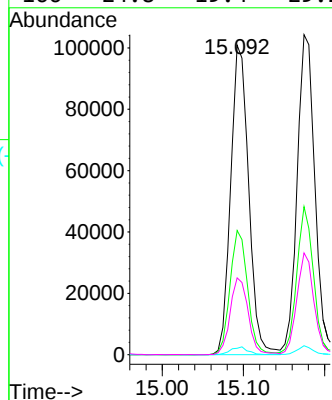
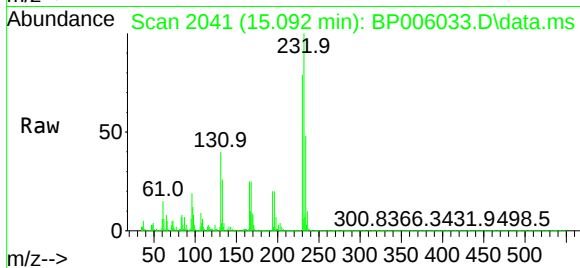




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.655 ng
RT: 15.092 min Scan# 2041
Delta R.T. -0.089 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

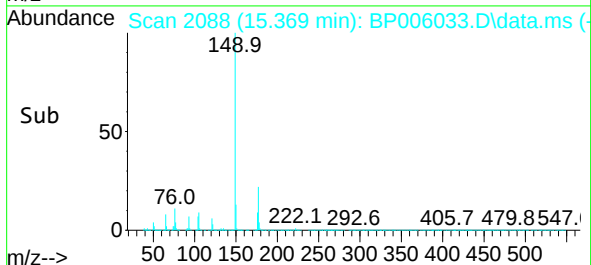
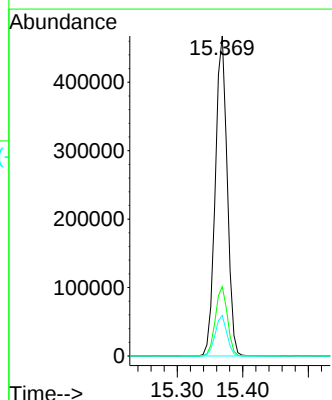
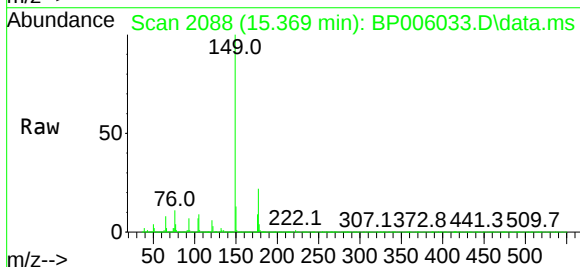
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

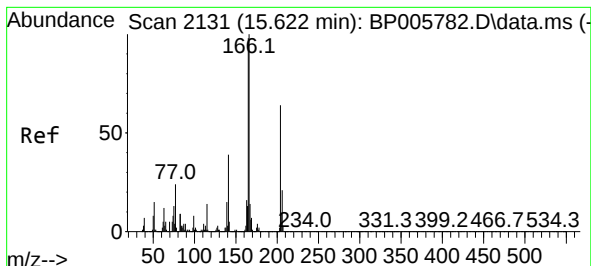
Tgt Ion:232	Resp:	155288
Ion Ratio	Lower	Upper
232	100	
131	39.2	32.2 48.4
130	2.4	2.0 3.0
166	24.8	19.4 29.2



#60
Diethylphthalate
Concen: 42.758 ng
RT: 15.369 min Scan# 2088
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:149	Resp:	587915
Ion Ratio	Lower	Upper
149	100	
177	21.7	17.5 26.3
150	12.7	9.9 14.9

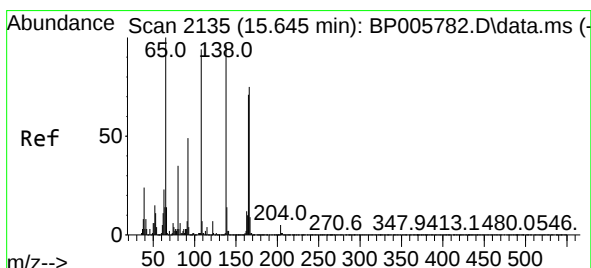
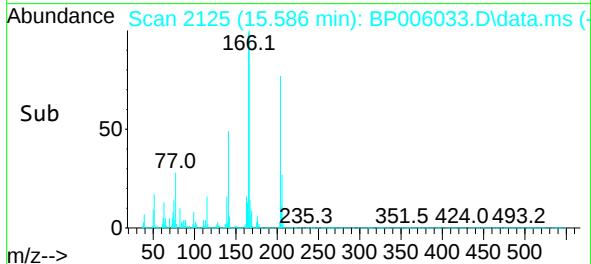
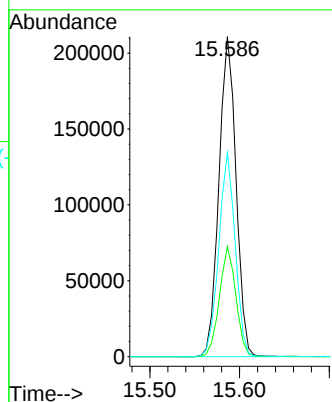
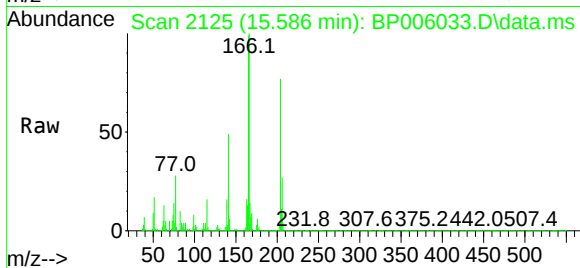




#61
4-Chlorophenyl-phenylether
Concen: 41.073 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

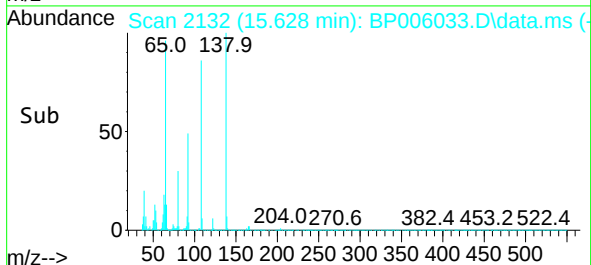
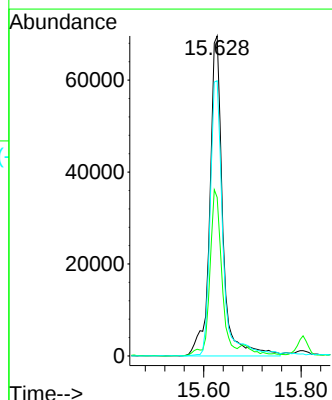
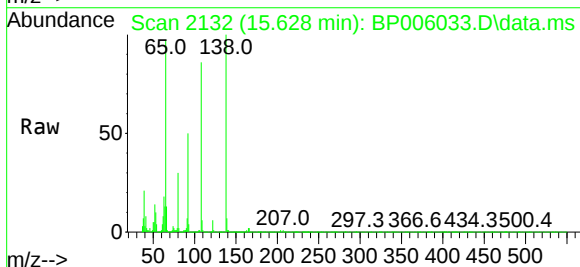
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

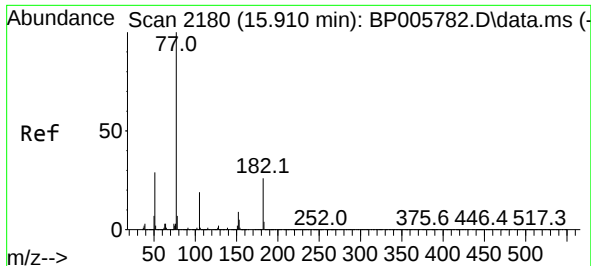
Tgt Ion:204 Resp: 279028
Ion Ratio Lower Upper
204 100
206 34.4 26.6 40.0
141 63.8 48.6 73.0



#62
4-Nitroaniline
Concen: 41.256 ng
RT: 15.628 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:138 Resp: 128199
Ion Ratio Lower Upper
138 100
92 49.5 31.2 71.2
108 86.0 78.6 118.6

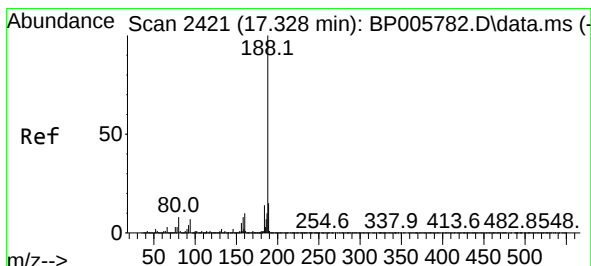
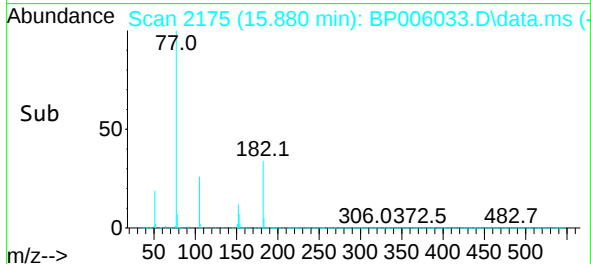
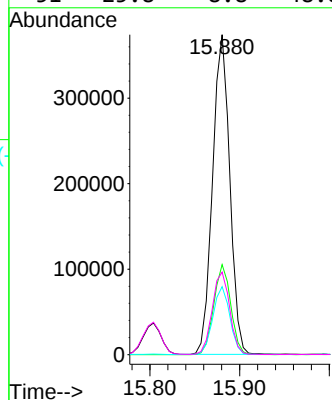
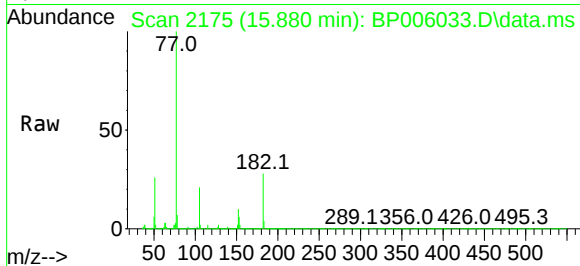




#63
Azobenzene
Concen: 39.977 ng
RT: 15.880 min Scan# 2175
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

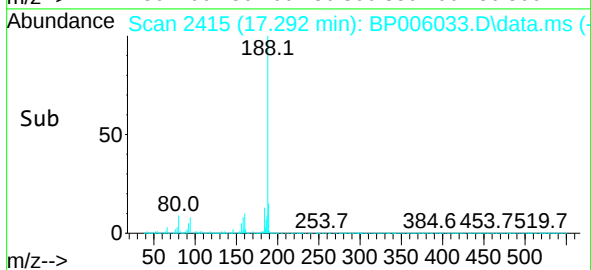
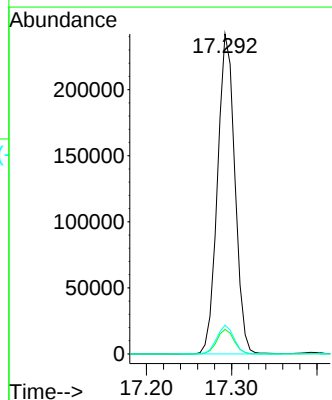
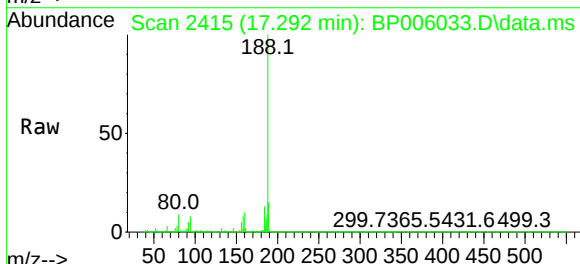
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

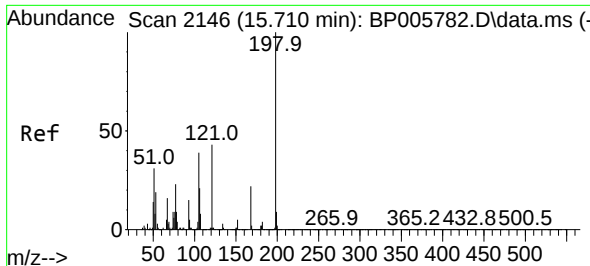
Tgt Ion: 77	Resp: 497303
Ion Ratio	Lower Upper
77 100	
182 28.2	6.0 46.0
105 21.2	0.0 38.8
51 25.8	8.8 48.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion: 188	Resp: 342388
Ion Ratio	Lower Upper
188 100	
94 7.7	5.6 8.4
80 9.0	6.3 9.5

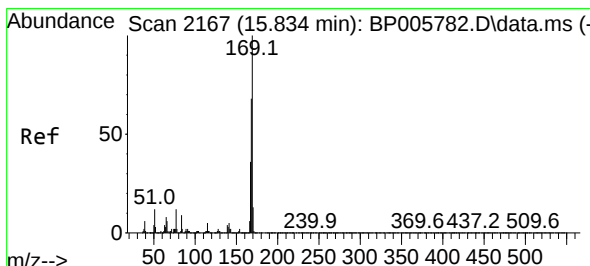
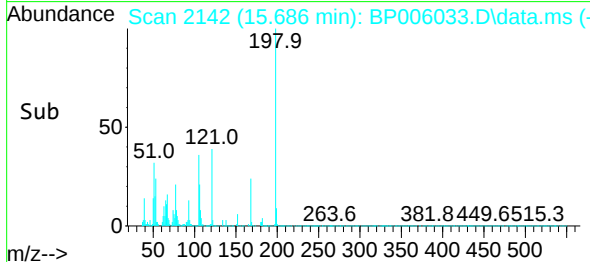
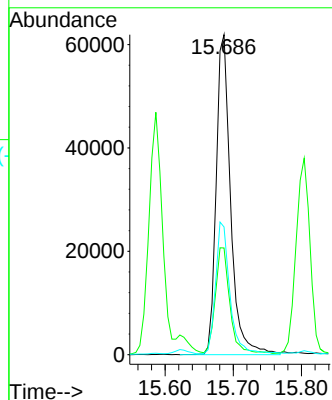
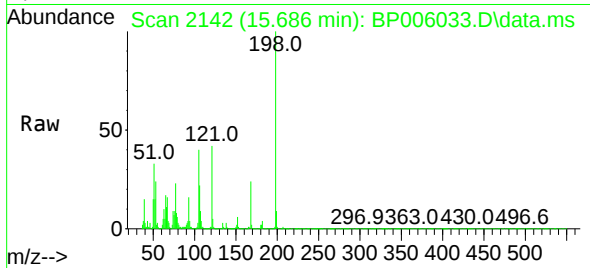




#65
4,6-Dinitro-2-methylphenol
Concen: 36.180 ng
RT: 15.686 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

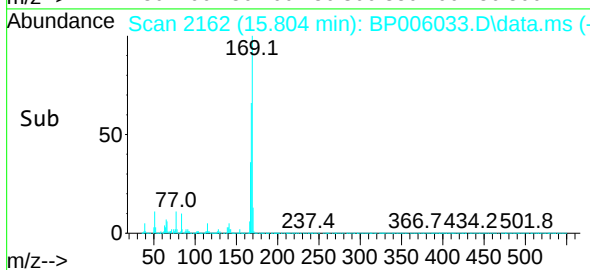
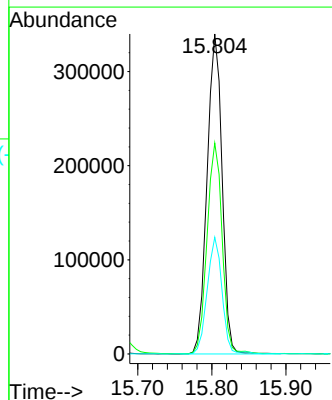
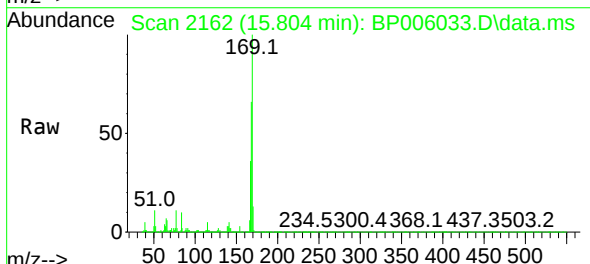
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

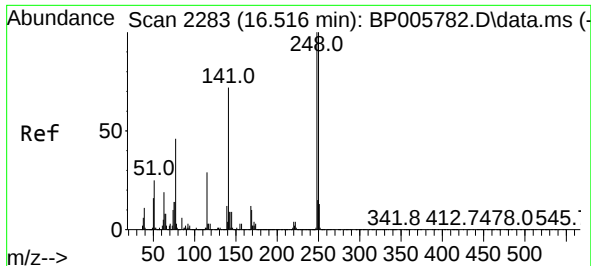
Tgt Ion:198 Resp: 91033
Ion Ratio Lower Upper
198 100
51 33.4 14.0 54.0
105 39.9 19.5 59.5



#66
n-Nitrosodiphenylamine
Concen: 42.168 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:169 Resp: 478781
Ion Ratio Lower Upper
169 100
168 65.9 54.4 81.6
167 36.4 29.0 43.6

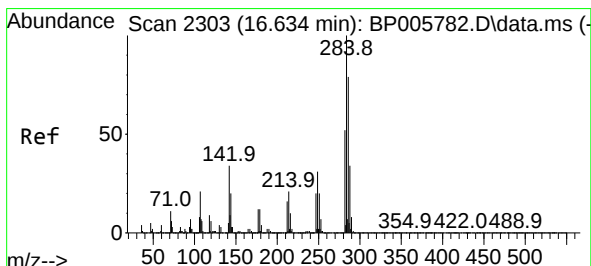
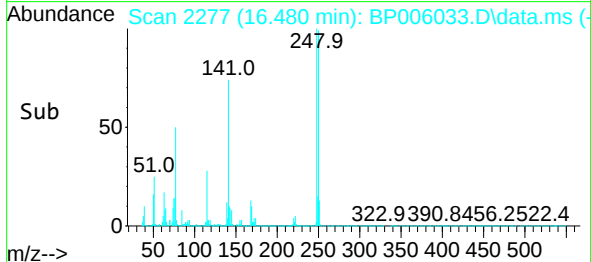
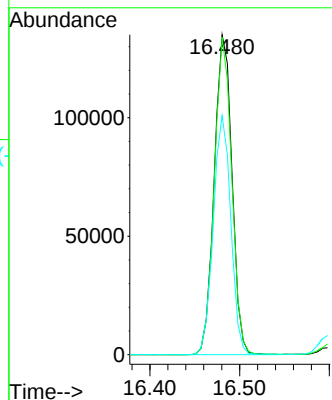
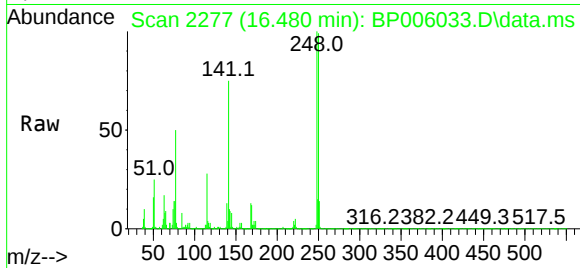




#67
4-Bromophenyl-phenylether
Concen: 42.204 ng
RT: 16.480 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

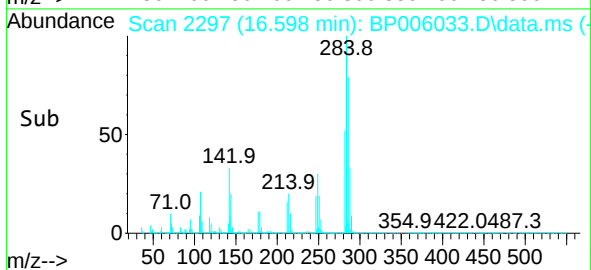
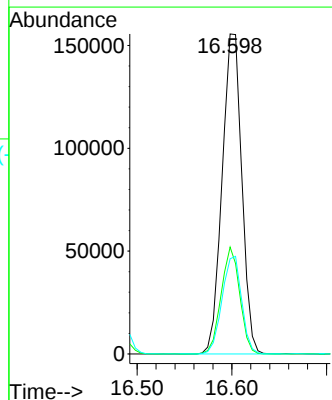
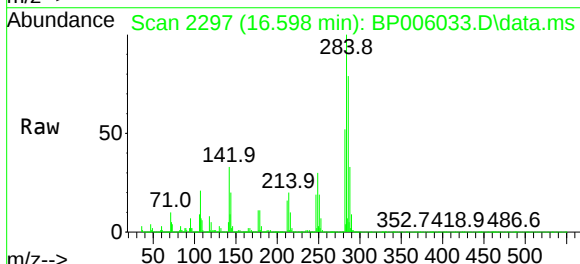
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

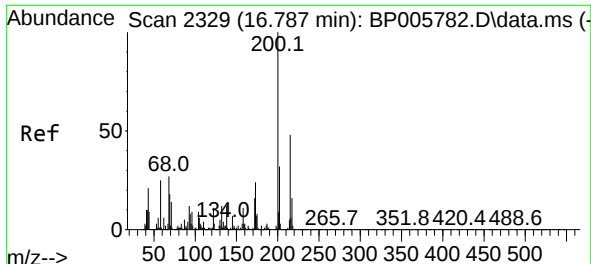
Tgt Ion:248 Resp: 185469
Ion Ratio Lower Upper
248 100
250 99.1 79.8 119.8
141 74.7 57.8 86.6



#68
Hexachlorobenzene
Concen: 42.668 ng
RT: 16.598 min Scan# 2297
Delta R.T. -0.006 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:284 Resp: 224757
Ion Ratio Lower Upper
284 100
142 33.4 26.9 40.3
249 29.8 24.5 36.7

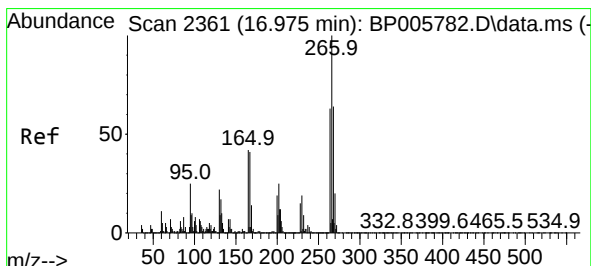
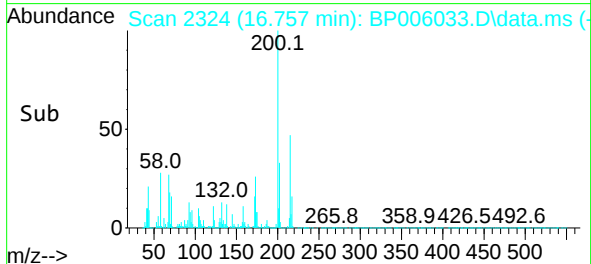
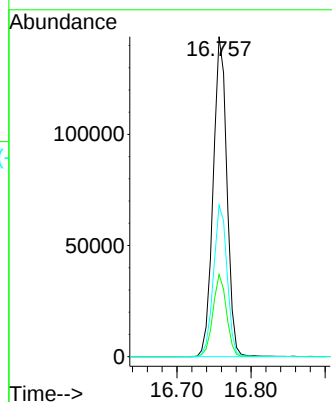
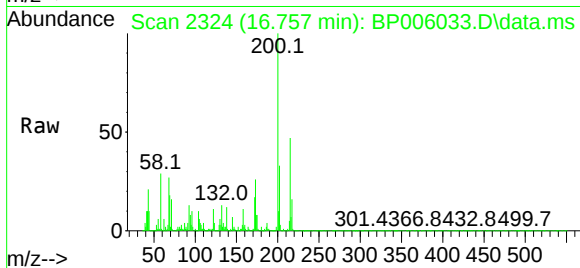




#69
Atrazine
Concen: 52.493 ng
RT: 16.757 min Scan# 2324
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

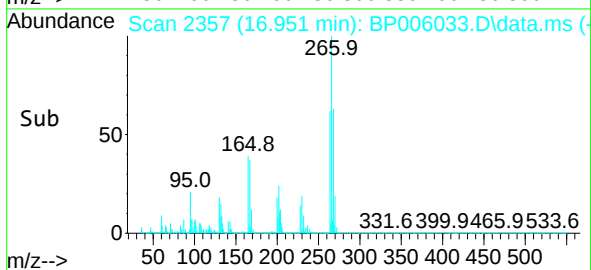
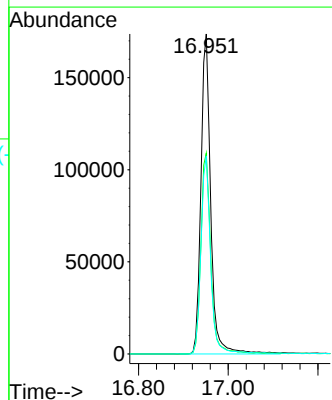
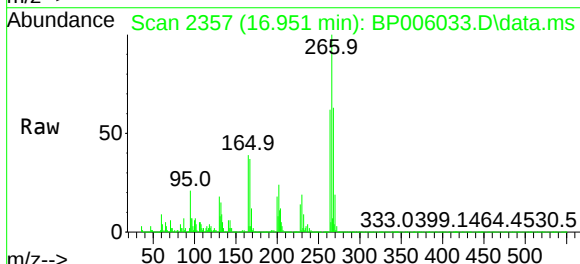
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

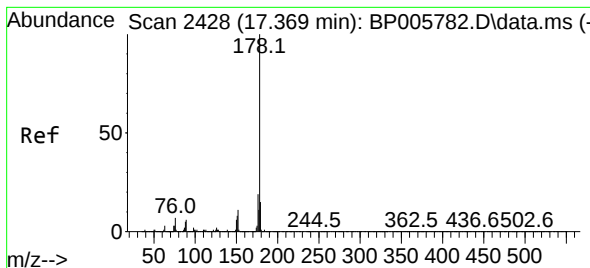
Tgt Ion:200 Resp: 185431
Ion Ratio Lower Upper
200 100
173 25.7 4.1 44.1
215 47.3 27.7 67.7



#70
Pentachlorophenol
Concen: 89.653 ng
RT: 16.951 min Scan# 2357
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:266 Resp: 262587
Ion Ratio Lower Upper
266 100
268 62.8 51.6 77.4
264 61.9 50.3 75.5

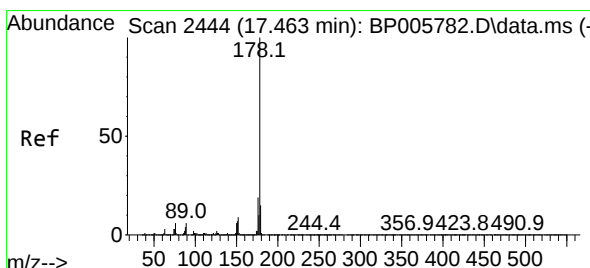
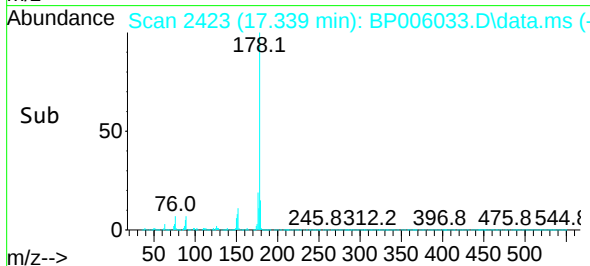
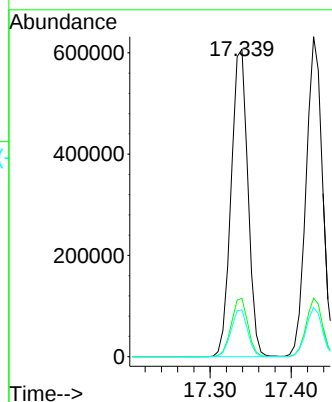
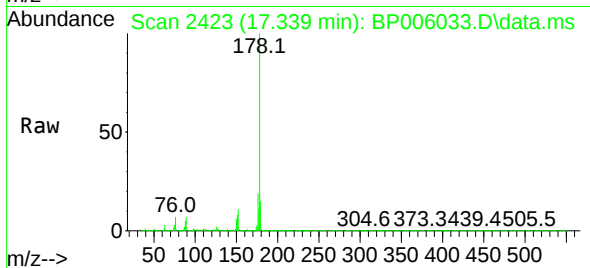




#71
Phenanthrene
Concen: 42.234 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

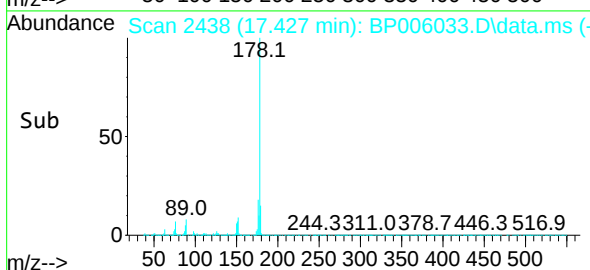
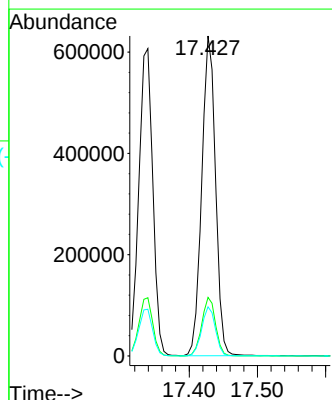
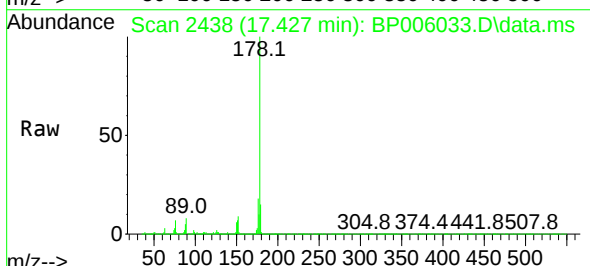
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

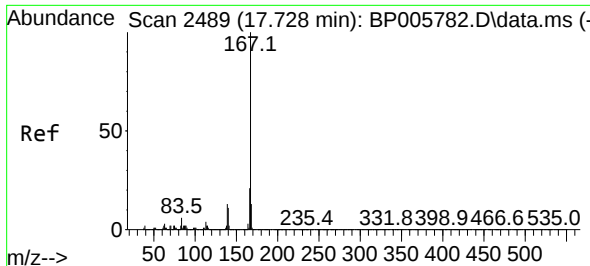
Tgt Ion:178 Resp: 868419
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.2 12.4 18.6



#72
Anthracene
Concen: 43.852 ng
RT: 17.427 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:178 Resp: 887431
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 15.4 12.2 18.2

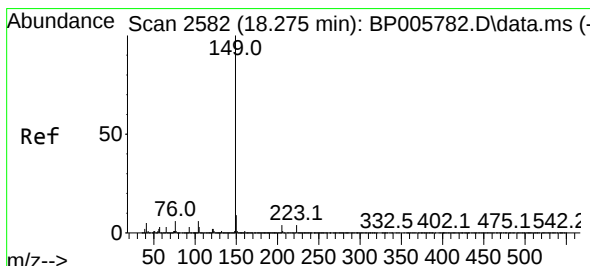
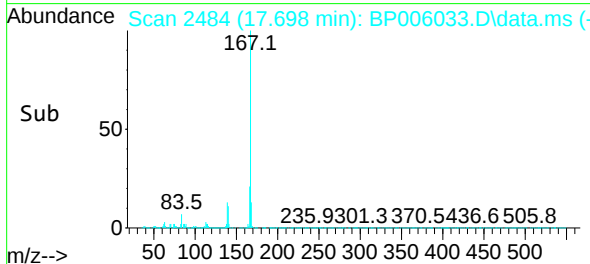
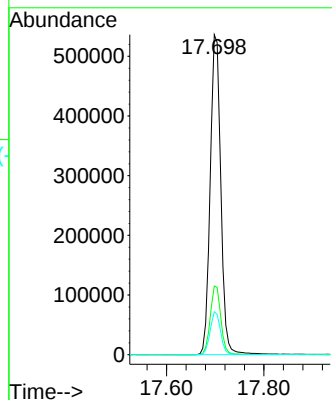
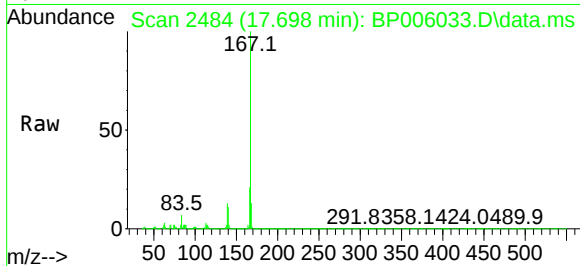




#73
Carbazole
Concen: 41.522 ng
RT: 17.698 min Scan# 2484
Delta R.T. -0.006 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

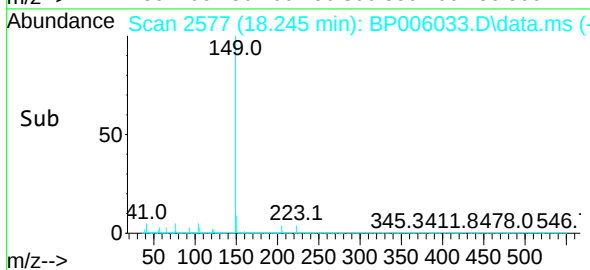
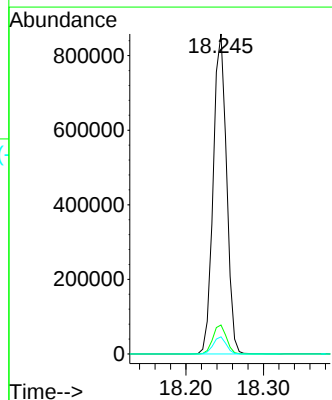
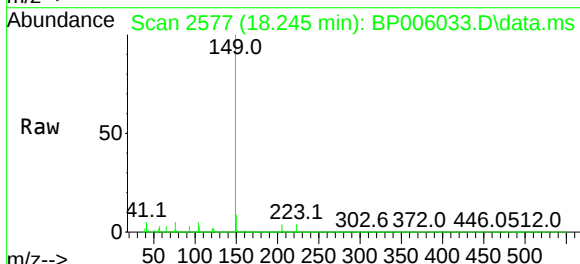
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

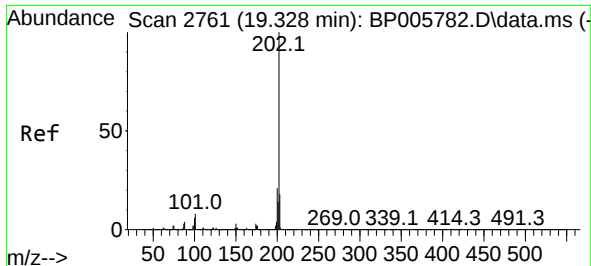
Tgt Ion:167 Resp: 806730
Ion Ratio Lower Upper
167 100
166 21.4 17.1 25.7
139 13.4 10.7 16.1



#74
Di-n-butylphthalate
Concen: 45.605 ng
RT: 18.245 min Scan# 2577
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:149 Resp: 1026599
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.3 4.5 6.7

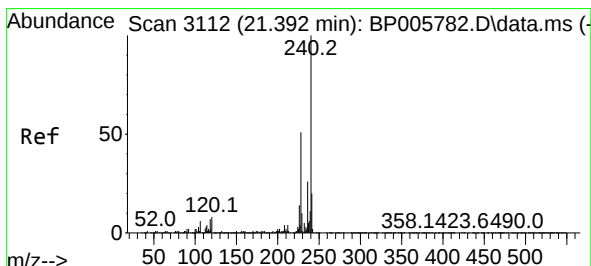
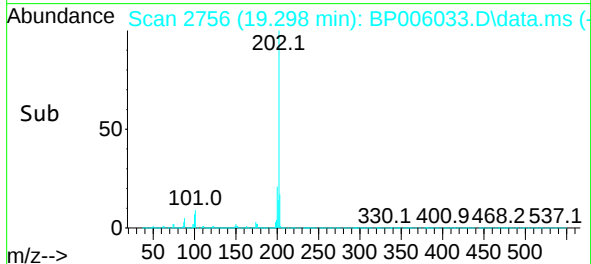
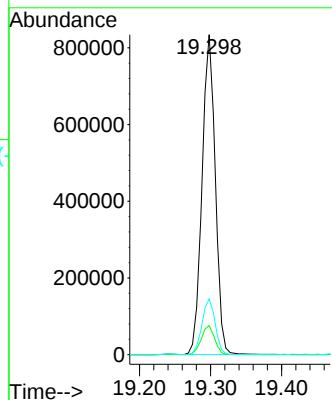
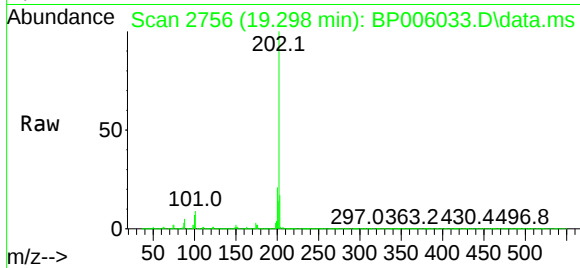




#75
Fluoranthene
Concen: 43.402 ng
RT: 19.298 min Scan# 2756
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

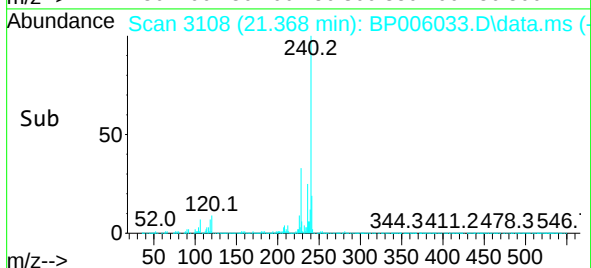
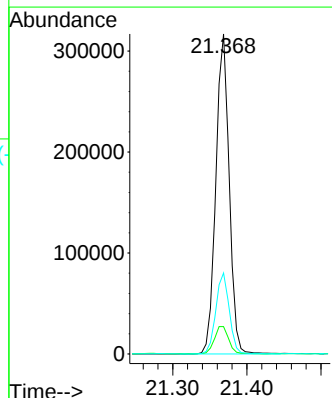
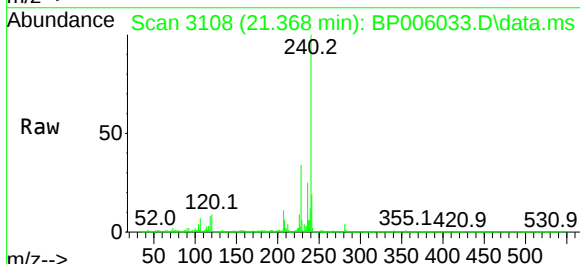
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

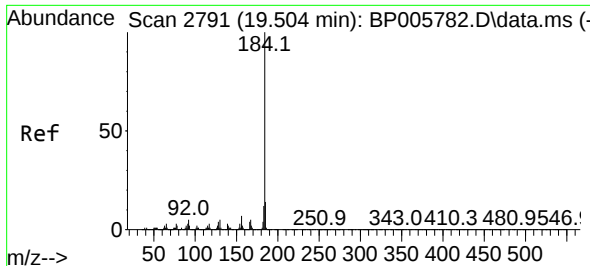
Tgt Ion:202 Resp: 1083789
Ion Ratio Lower Upper
202 100
101 9.1 0.0 27.6
203 17.5 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.368 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:240 Resp: 395721
Ion Ratio Lower Upper
240 100
120 8.6 6.5 9.7
236 25.3 20.6 31.0

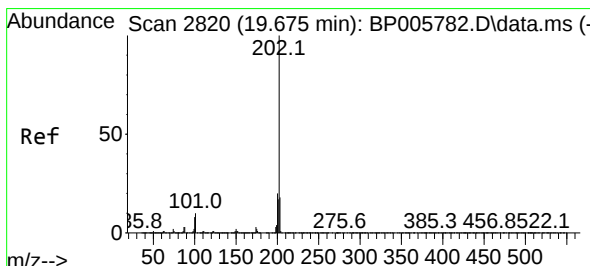
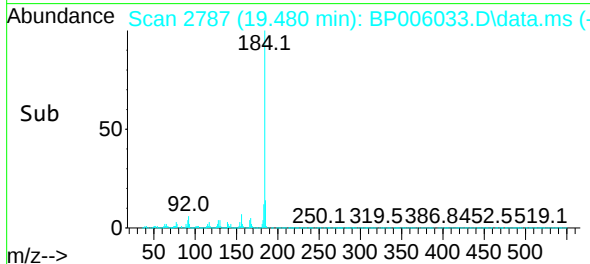
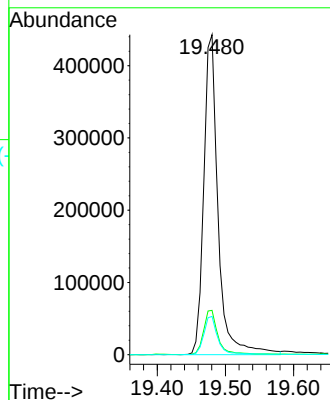
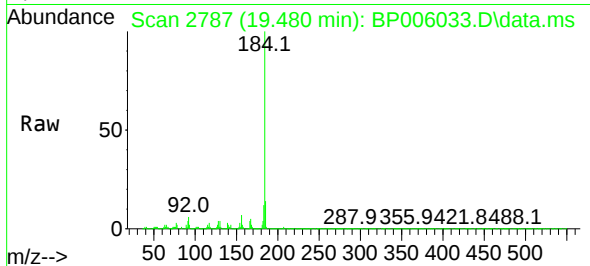




#77
Benzidine
Concen: 78.409 ng
RT: 19.480 min Scan# 2787
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

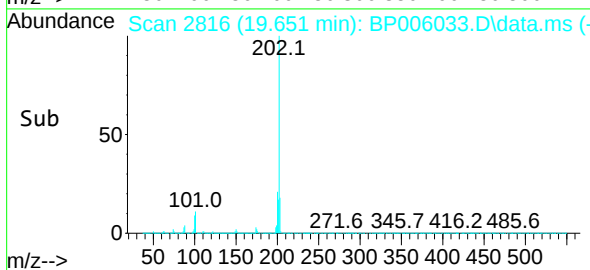
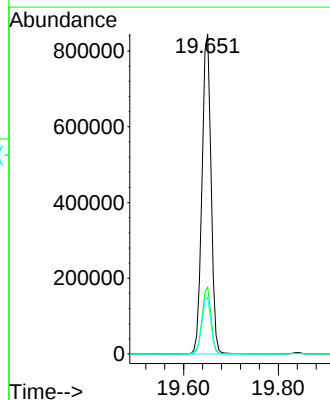
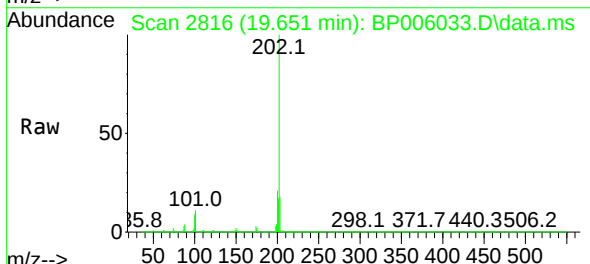
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

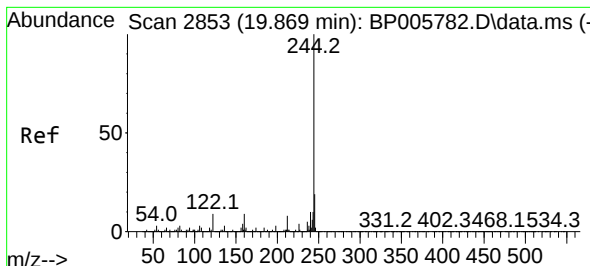
Tgt Ion:184 Resp: 645636
Ion Ratio Lower Upper
184 100
185 13.9 11.0 16.4
183 12.0 9.5 14.3



#78
Pyrene
Concen: 40.610 ng
RT: 19.651 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:202 Resp: 1121901
Ion Ratio Lower Upper
202 100
200 20.8 16.3 24.5
203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 57.591 ng

RT: 19.839 min Scan# 2848

Delta R.T. -0.006 min

Lab File: BP006033.D

Acq: 23 Jun 2021 14:11

Instrument :

BNA_P

ClientSampleId :

RIG-DRILL-CUTTING-DRUMS-1-7M

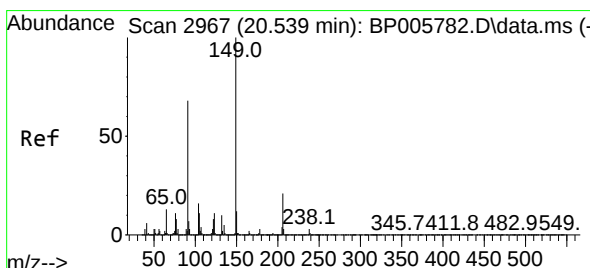
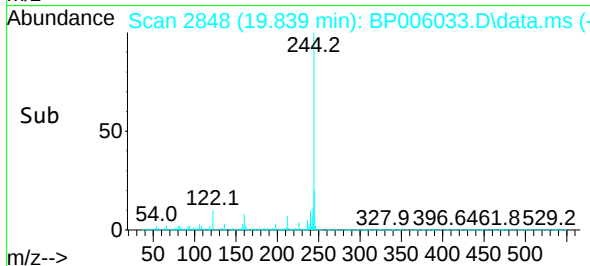
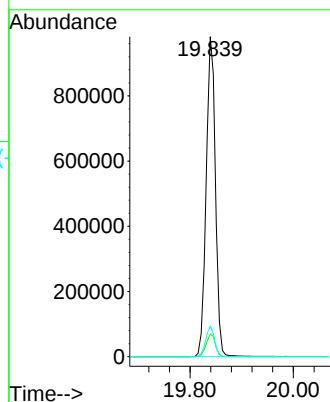
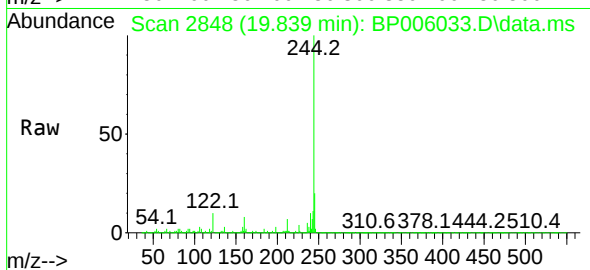
Tgt Ion:244 Resp: 1217103

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 9.6 7.1 10.7



#80

Butylbenzylphthalate

Concen: 43.608 ng

RT: 20.510 min Scan# 2962

Delta R.T. -0.006 min

Lab File: BP006033.D

Acq: 23 Jun 2021 14:11

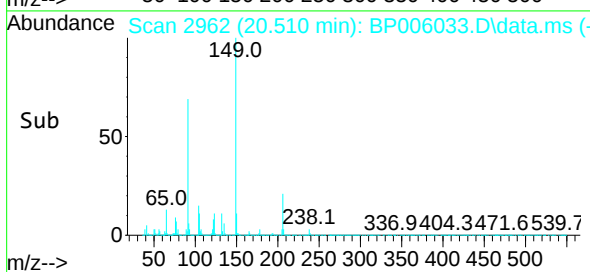
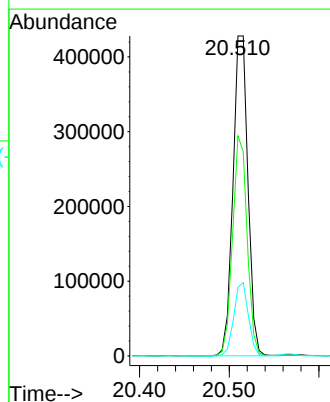
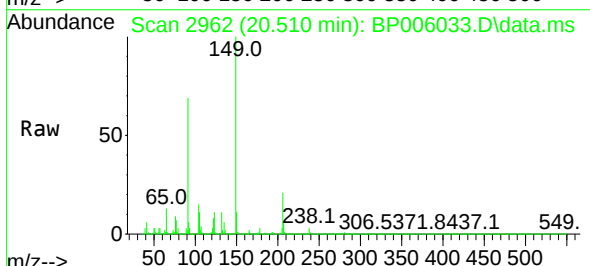
Tgt Ion:149 Resp: 495637

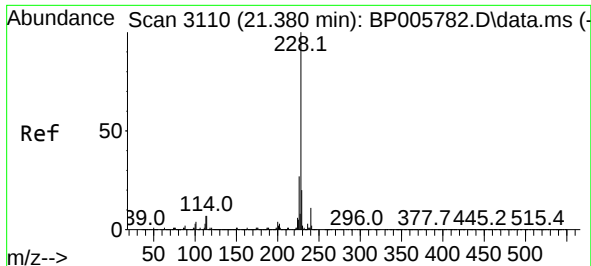
Ion Ratio Lower Upper

149 100

91 68.8 54.6 81.8

206 21.4 16.7 25.1

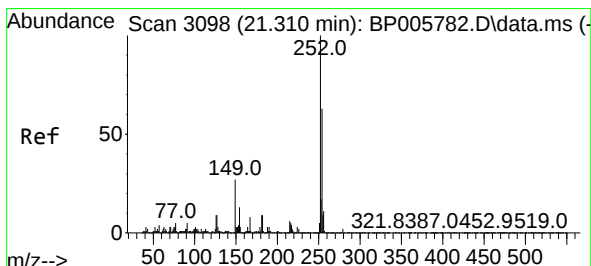
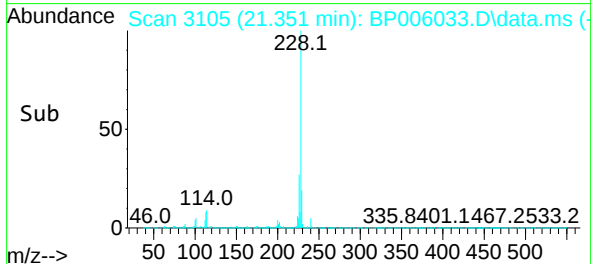
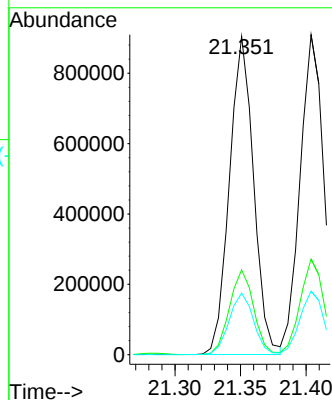
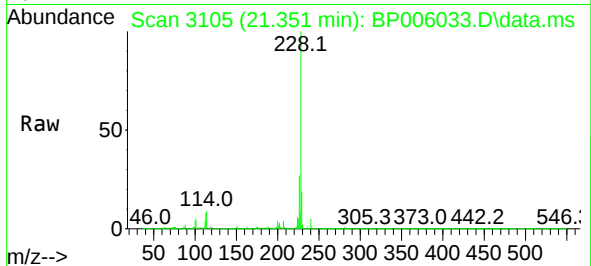




#81
Benzo(a)anthracene
Concen: 40.550 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

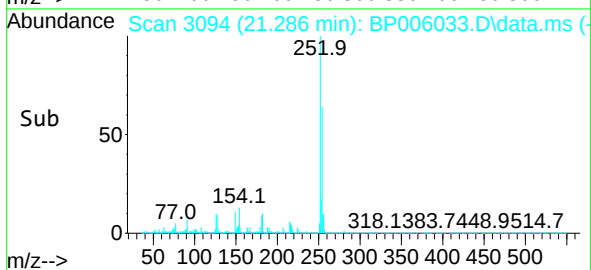
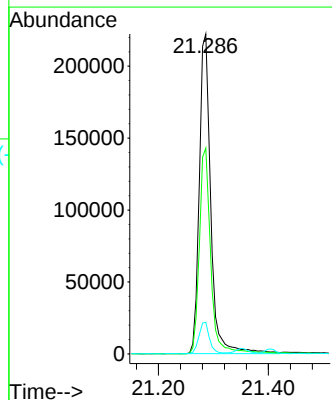
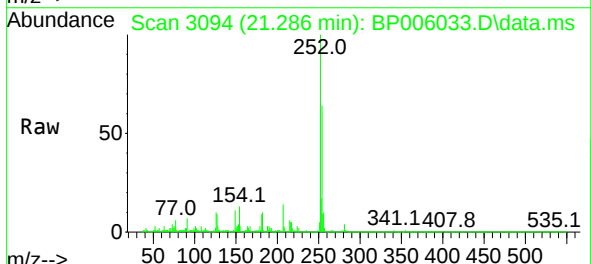
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

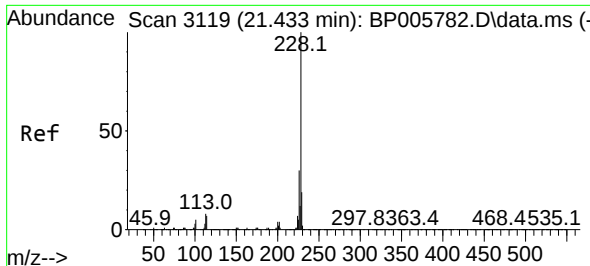
Tgt Ion:228 Resp: 1158321
Ion Ratio Lower Upper
228 100
226 26.6 21.6 32.4
229 19.4 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 32.737 ng
RT: 21.286 min Scan# 3094
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:252 Resp: 323306
Ion Ratio Lower Upper
252 100
254 64.4 50.6 76.0
126 9.9 7.0 10.6

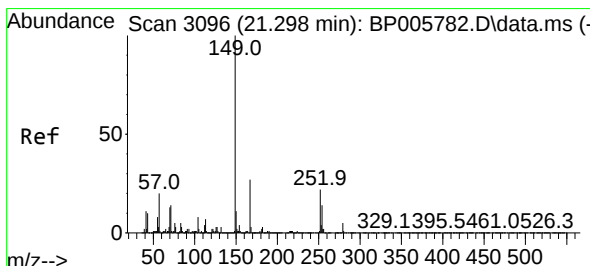
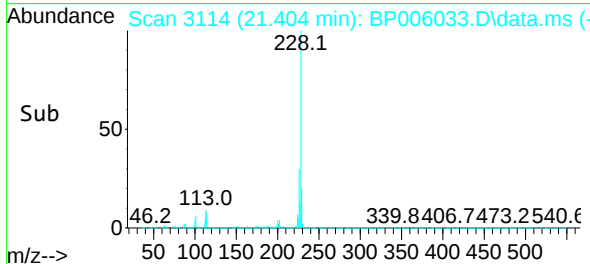
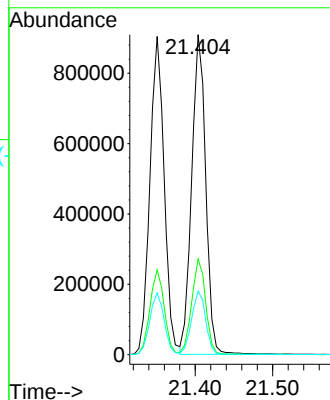
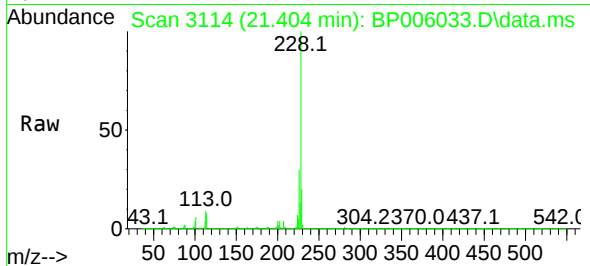




#83
Chrysene
Concen: 41.326 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

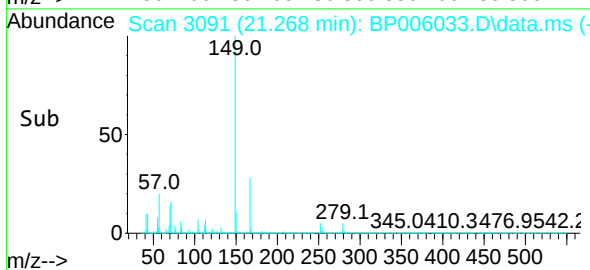
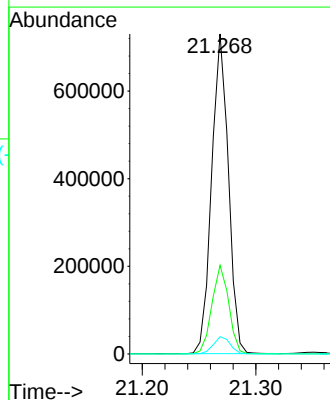
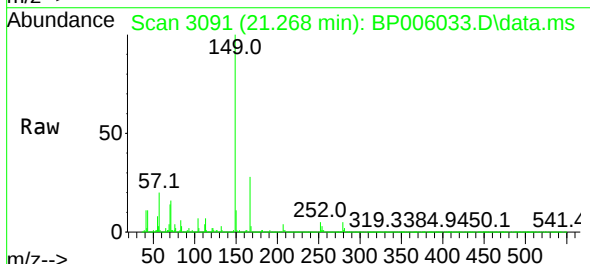
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

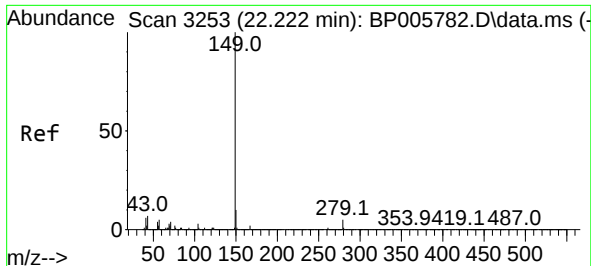
Tgt Ion:228 Resp: 1143387
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.6
229 19.8 15.4 23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.740 ng
RT: 21.268 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:149 Resp: 745757
Ion Ratio Lower Upper
149 100
167 27.7 21.9 32.9
279 5.4 4.3 6.5

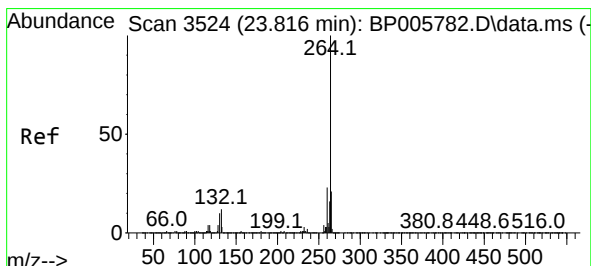
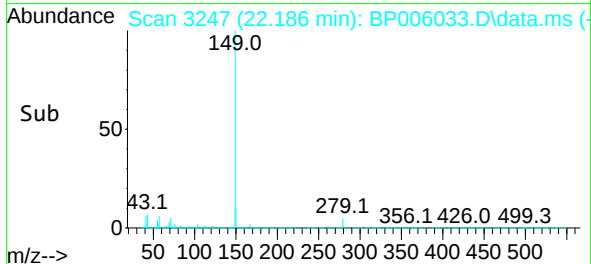
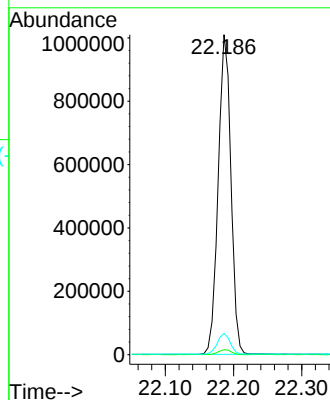
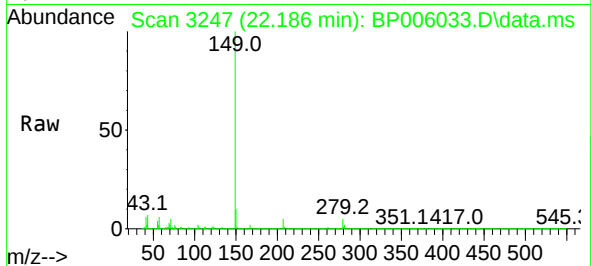




#85
Di-n-octyl phthalate
Concen: 43.890 ng
RT: 22.186 min Scan# 3247
Delta R.T. -0.006 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

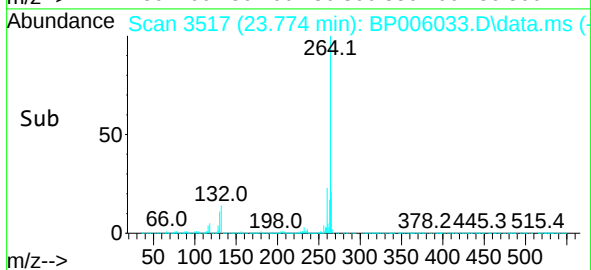
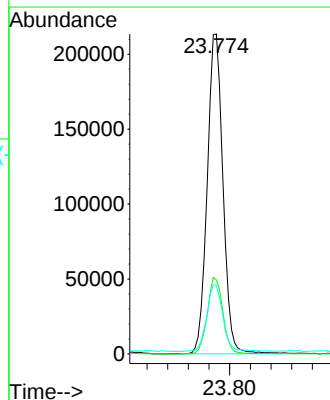
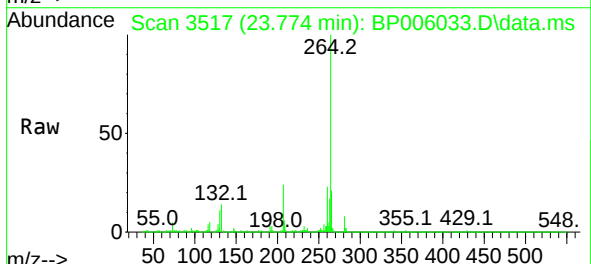
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

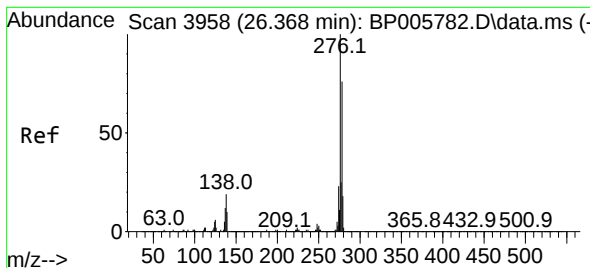
Tgt Ion:149 Resp: 1308779
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 6.5 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3517
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:264 Resp: 450836
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.5 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.241 ng

RT: 26.309 min Scan# 3948

Delta R.T. -0.000 min

Lab File: BP006033.D

Acq: 23 Jun 2021 14:11

Instrument :

BNA_P

ClientSampleId :

RIG-DRILL-CUTTING-DRUMS-1-7M

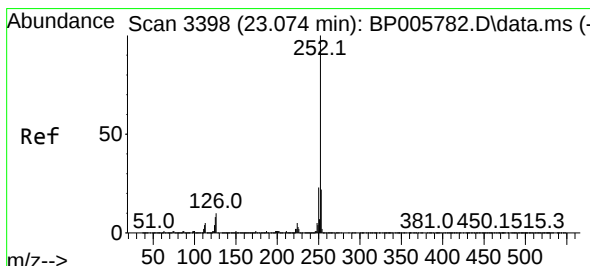
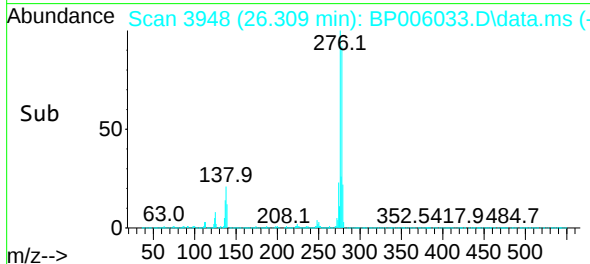
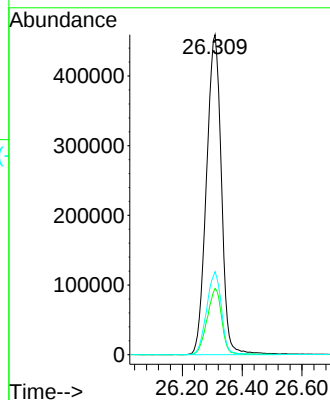
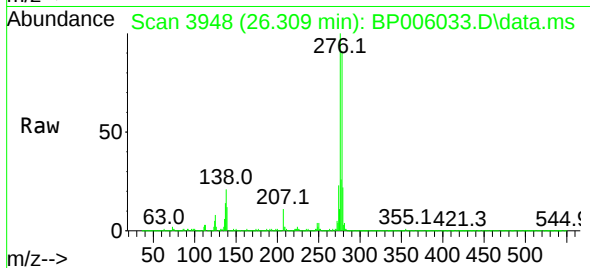
Tgt Ion:276 Resp: 1589973

Ion Ratio Lower Upper

276 100

138 20.2 15.3 22.9

277 25.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 42.935 ng

RT: 23.039 min Scan# 3392

Delta R.T. -0.000 min

Lab File: BP006033.D

Acq: 23 Jun 2021 14:11

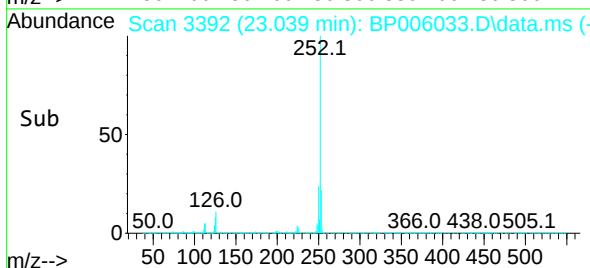
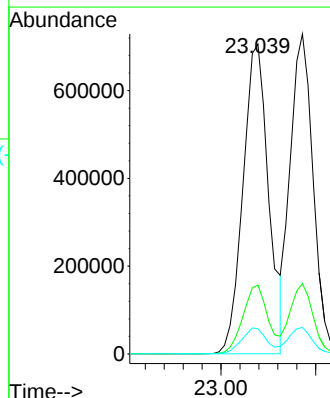
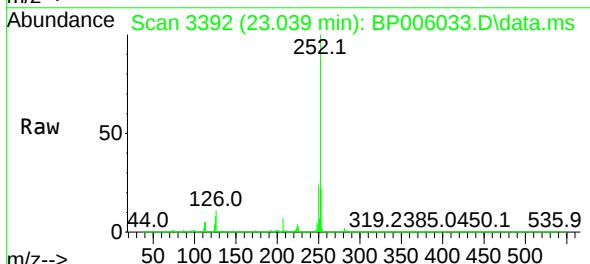
Tgt Ion:252 Resp: 1325773

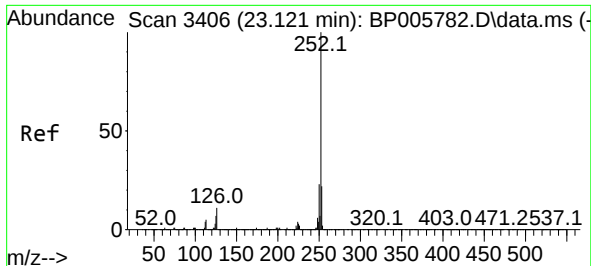
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 8.2 6.2 9.4

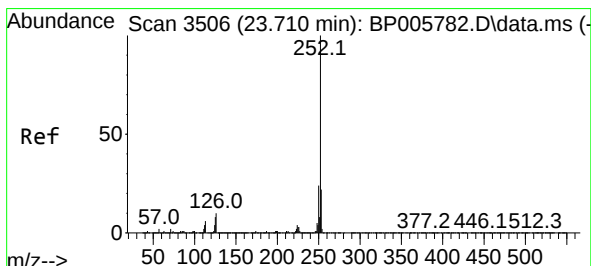
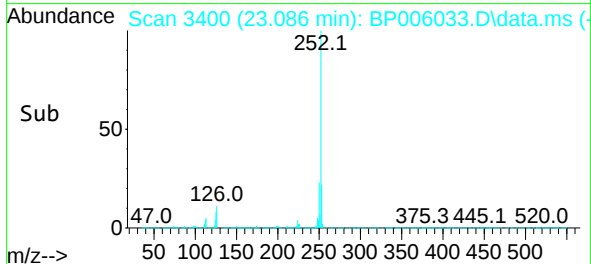
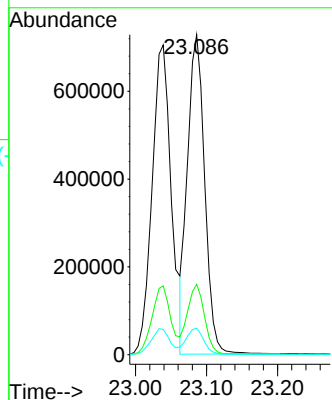
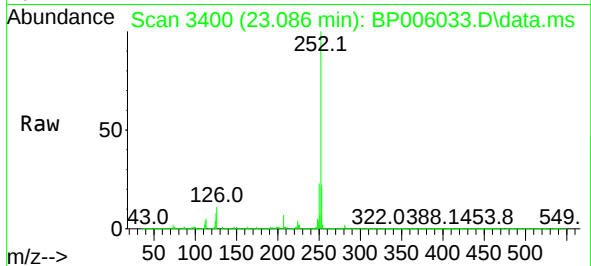




#89
Benzo(k)fluoranthene
Concen: 40.944 ng
RT: 23.086 min Scan# 3400
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

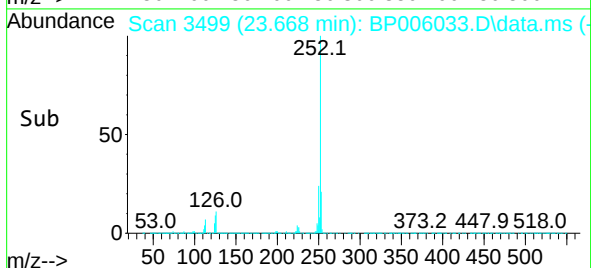
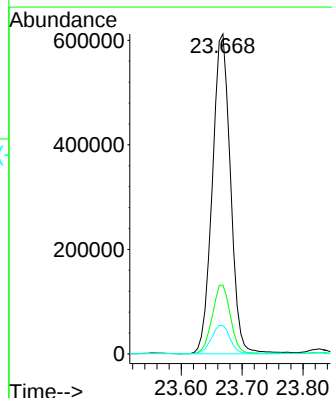
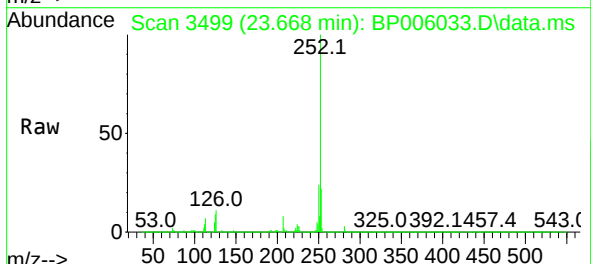
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

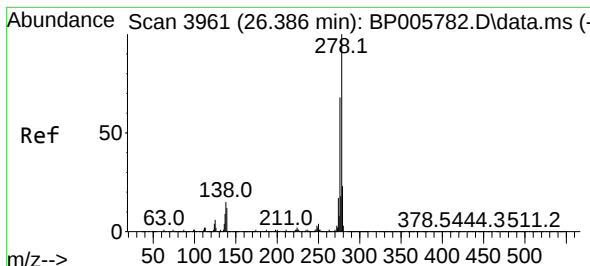
Tgt Ion:252 Resp: 1225966
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 8.3 6.0 9.0



#90
Benzo(a)pyrene
Concen: 43.526 ng
RT: 23.668 min Scan# 3499
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:252 Resp: 1263585
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 8.9 6.5 9.7

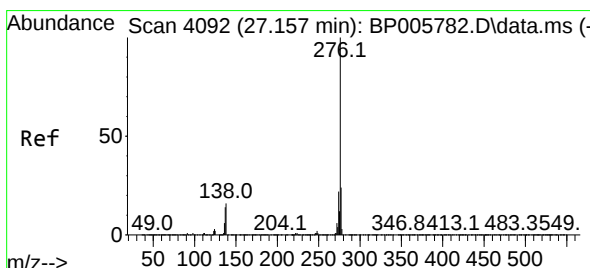
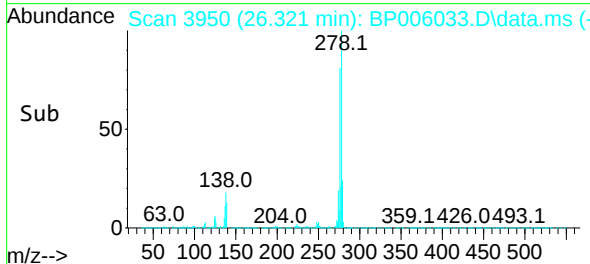
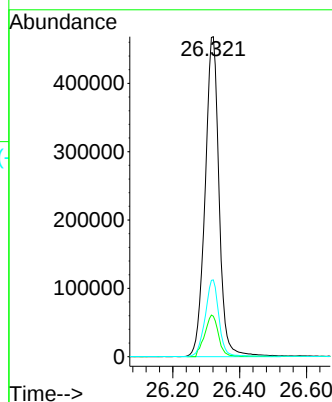
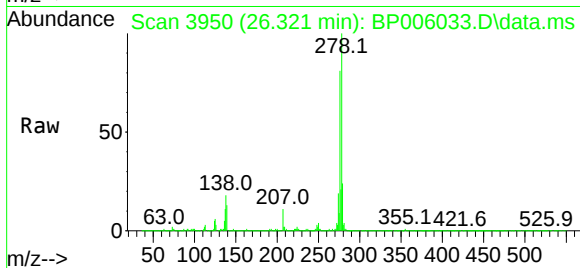




#91
Dibenzo(a,h)anthracene
Concen: 41.011 ng
RT: 26.321 min Scan# 3950
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M

Tgt Ion:278 Resp: 1360852
Ion Ratio Lower Upper
278 100
139 12.6 9.3 13.9
279 24.0 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 40.972 ng
RT: 27.086 min Scan# 4080
Delta R.T. -0.000 min
Lab File: BP006033.D
Acq: 23 Jun 2021 14:11

Tgt Ion:276 Resp: 1343035
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 16.5 12.6 18.8

