

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
 Data File : BP006032.D
 Acq On : 23 Jun 2021 13:37
 Operator : CG/JU
 Sample : M2781-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 6/24/2021 9:51:37 AM

Quant Time: Jun 23 16:26:35 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	7.916	152	69343	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	266934	20.000	ng	# 0.00
39) Acenaphthene-d10	14.545	164	166731	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	343320	20.000	ng	0.00
76) Chrysene-d12	21.369	240	404552	20.000	ng	0.00
86) Perylene-d12	23.774	264	466402	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	358183	82.885	ng	0.00
7) Phenol-d6	7.093	99	539761	96.365	ng	0.00
23) Nitrobenzene-d5	9.087	82	336938	61.885	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	204606	71.510	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	747945	58.906	ng	0.00
79) Terphenyl-d14	19.839	244	1224865	56.693	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	64580	33.078	ng	97
3) Pyridine	3.775	79	167466	36.496	ng	97
4) n-Nitrosodimethylamine	3.681	42	75857	35.565	ng	85
6) Aniline	7.246	93	235915	37.726	ng	98
8) 2-Chlorophenol	7.487	128	215111	43.415	ng	99
9) Benzaldehyde	7.058	77	125143	52.409	ng	98
10) Phenol	7.122	94	252535	45.132	ng	96
11) bis(2-Chloroethyl)ether	7.346	93	188897	44.550	ng	99
12) 1,3-Dichlorobenzene	7.805	146	232894	42.036	ng	100
13) 1,4-Dichlorobenzene	7.952	146	236014	41.771	ng	98
14) 1,2-Dichlorobenzene	8.269	146	226981	42.028	ng	99
15) Benzyl Alcohol	8.169	79	178442	42.296	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.452	45	163900	41.816	ng	97
17) 2-Methylphenol	8.369	107	167900	44.040	ng	98
18) Hexachloroethane	8.999	117	86111	42.134	ng	97
19) n-Nitroso-di-n-propyla...	8.734	70	142383	41.321	ng	94
20) 3+4-Methylphenols	8.699	107	225787	43.844	ng	95
22) Acetophenone	8.746	105	299279	42.596	ng	# 98
24) Nitrobenzene	9.128	77	214576	37.953	ng	96
25) Isophorone	9.657	82	376968	37.492	ng	98
26) 2-Nitrophenol	9.840	139	110386	40.920	ng	93
27) 2,4-Dimethylphenol	9.905	122	187746	46.717	ng	99
28) bis(2-Chloroethoxy)met...	10.134	93	234897	44.763	ng	99
29) 2,4-Dichlorophenol	10.381	162	198075	41.012	ng	99
30) 1,2,4-Trichlorobenzene	10.587	180	216836	39.957	ng	99
31) Naphthalene	10.769	128	633763	41.034	ng	99
32) Benzoic acid	10.075	122	112733	38.830	ng	97
33) 4-Chloroaniline	10.893	127	146965	23.555	ng	98
34) Hexachlorobutadiene	11.052	225	143602	39.122	ng	98
35) Caprolactam	11.693	113	61675	44.334	ng	96
36) 4-Chloro-3-methylphenol	12.016	107	209751	42.772	ng	98
37) 2-Methylnaphthalene	12.381	142	453504	41.241	ng	98
38) 1-Methylnaphthalene	12.599	142	418757	40.429	ng	98
40) 1,2,4,5-Tetrachloroben...	12.746	216	244020	41.579	ng	100
41) Hexachlorocyclopentadiene	12.722	237	221960	75.598	ng	98
43) 2,4,6-Trichlorophenol	12.993	196	160129	39.779	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	172853	39.872	ng	96
46) 1,1'-Biphenyl	13.387	154	555051	41.288	ng	98
47) 2-Chloronaphthalene	13.428	162	443426	40.394	ng	99
48) 2-Nitroaniline	13.640	65	115917	40.161	ng	91
49) Acenaphthylene	14.269	152	699438	41.531	ng	100
50) Dimethylphthalate	14.010	163	567139	41.371	ng	100
51) 2,6-Dinitrotoluene	14.128	165	123506	39.638	ng	98
52) Acenaphthene	14.610	154	409281	40.018	ng	99
53) 3-Nitroaniline	14.463	138	84644	28.029	ng	97
54) 2,4-Dinitrophenol	14.675	184	121228	66.301	ng	97
55) Dibenzofuran	14.945	168	659922	39.236	ng	99
56) 4-Nitrophenol	14.781	139	188405	76.969	ng	93
57) 2,4-Dinitrotoluene	14.922	165	173454	41.622	ng	96
58) Fluorene	15.592	166	532422	40.628	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.175	232	156949m	41.078	ng	
60) Diethylphthalate	15.369	149	573030	41.663	ng	100
61) 4-Chlorophenyl-phenyle...	15.587	204	272859	40.153	ng	99
62) 4-Nitroaniline	15.628	138	127378	40.979	ng	93
63) Azobenzene	15.881	77	496437	39.896	ng	95
65) 4,6-Dinitro-2-methylph...	15.687	198	89029	35.288	ng	98
66) n-Nitrosodiphenylamine	15.804	169	470177	41.298	ng	99
67) 4-Bromophenyl-phenylether	16.481	248	181717	41.238	ng	98
68) Hexachlorobenzene	16.598	284	222617	42.147	ng	98
69) Atrazine	16.757	200	180774	51.036	ng	99
70) Pentachlorophenol	16.951	266	258509	88.021	ng	98
71) Phenanthrene	17.334	178	863149	41.864	ng	100
72) Anthracene	17.428	178	889296	43.825	ng	99
73) Carbazole	17.698	167	802883	41.211	ng	100
74) Di-n-butylphthalate	18.245	149	1023295	45.335	ng	99
75) Fluoranthene	19.298	202	1073384	42.869	ng	98
77) Benzidine	19.475	184	641592	76.217	ng	99
78) Pyrene	19.651	202	1119198	39.628	ng	99
80) Butylbenzylphthalate	20.516	149	495266	42.625	ng	95
81) Benzo(a)anthracene	21.351	228	1166162	39.933	ng	100
82) 3,3'-Dichlorobenzidine	21.286	252	330908	32.775	ng	100
83) Chrysene	21.404	228	1155857	40.865	ng	99
84) Bis(2-ethylhexyl)phtha...	21.269	149	744905	43.713	ng	99
85) Di-n-octyl phthalate	22.186	149	1320641	43.321	ng	98
87) Indeno(1,2,3-cd)pyrene	26.310	276	1651241	41.401	ng	99
88) Benzo(b)fluoranthene	23.039	252	1347240	42.174	ng	100
89) Benzo(k)fluoranthene	23.086	252	1277094	41.228	ng	100
90) Benzo(a)pyrene	23.669	252	1303646	43.408	ng	98
91) Dibenzo(a,h)anthracene	26.321	278	1405656	40.947	ng	99
92) Benzo(g,h,i)perylene	27.086	276	1391556	41.035	ng	98

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

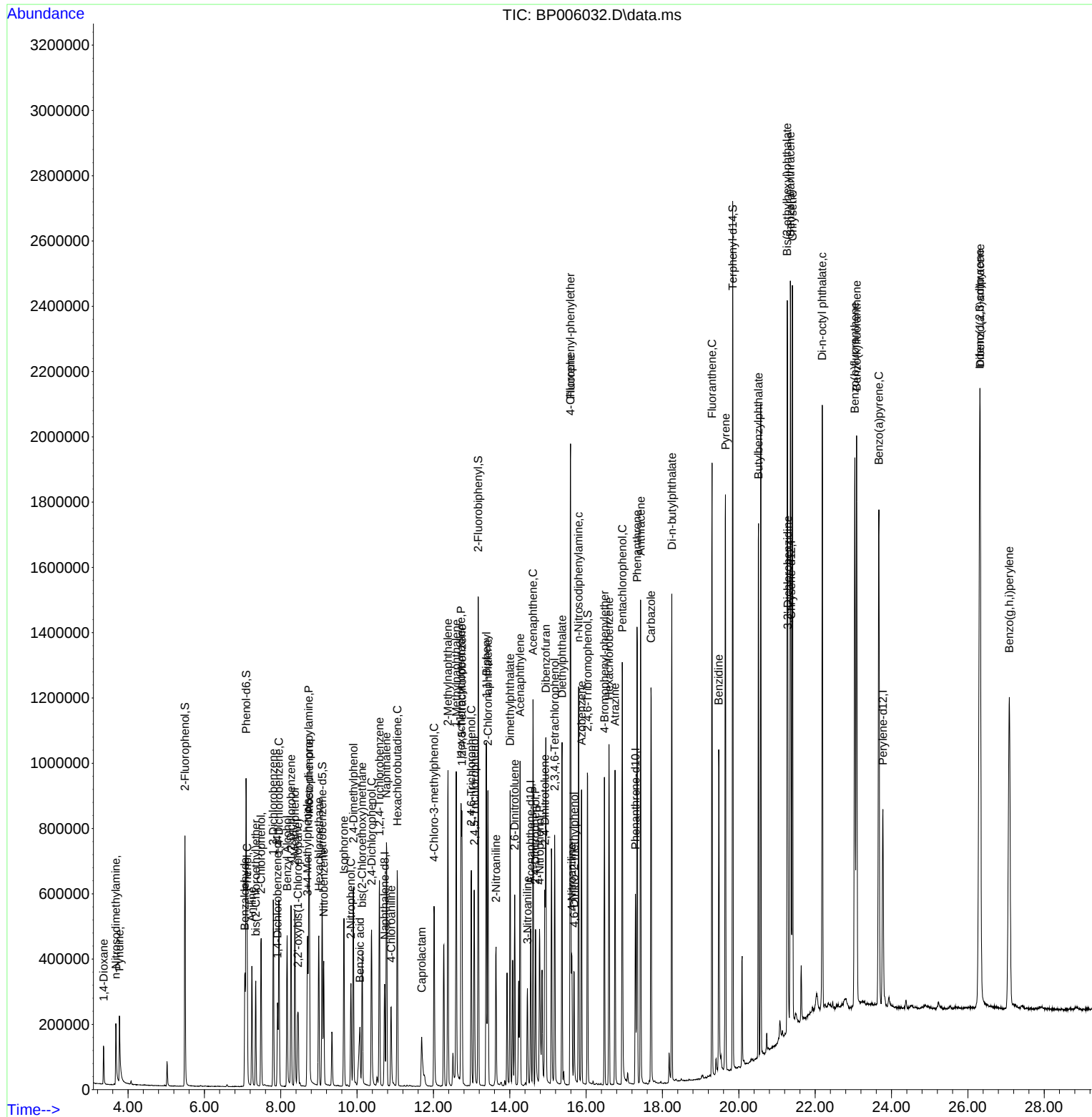
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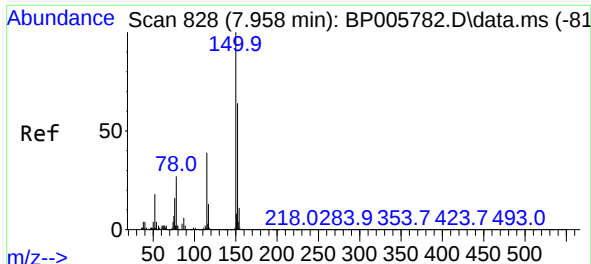
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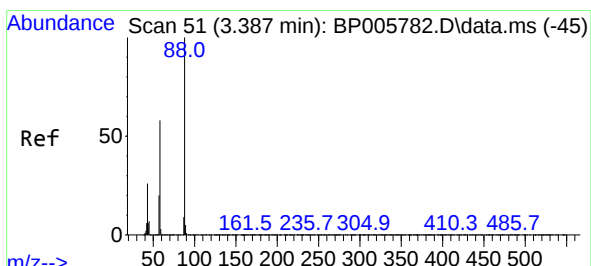
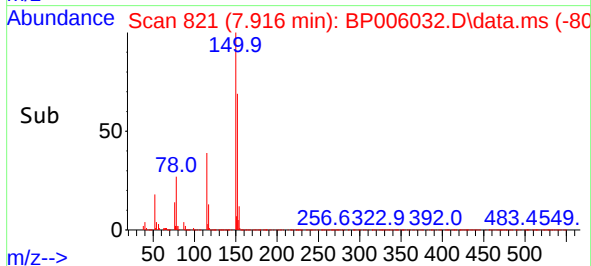
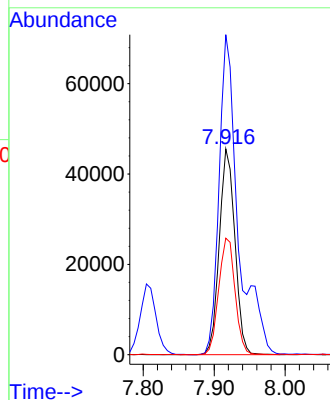
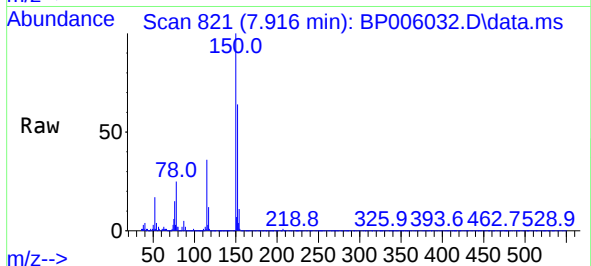
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BP006032.D
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Tgt Ion:152 Resp: 69343
Ion Ratio Lower Upper
152 100
150 155.5 125.6 188.4
115 56.6 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
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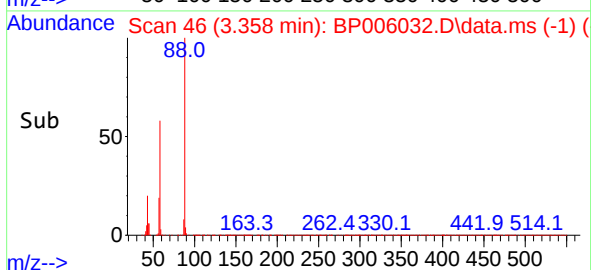
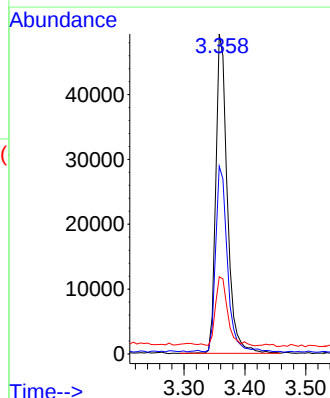
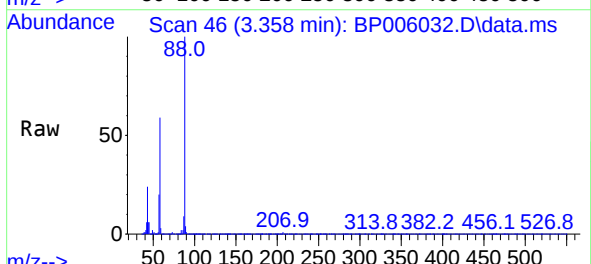
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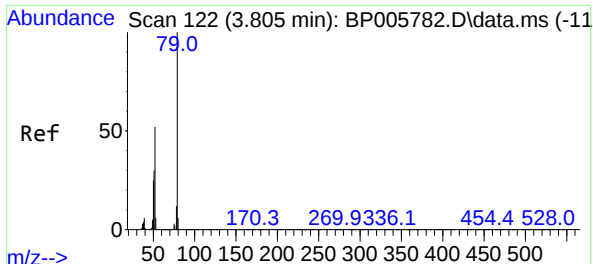
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#2
1,4-Dioxane
Concen: 33.078 ng
RT: 3.358 min Scan# 46
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

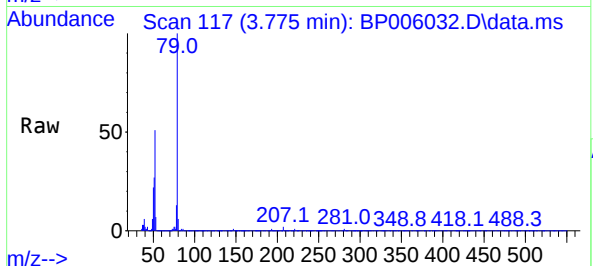
Tgt Ion: 88 Resp: 64580
Ion Ratio Lower Upper
88 100
58 60.0 46.7 70.1
43 22.9 20.3 30.5





#3
Pyridine
Concen: 36.496 ng
RT: 3.775 min Scan# 117
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

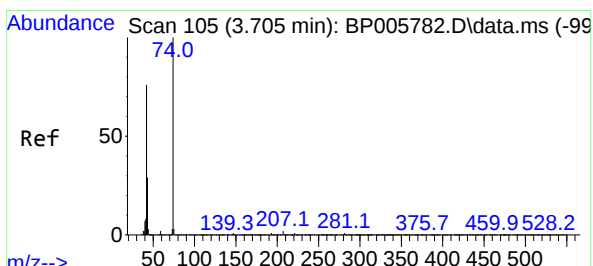
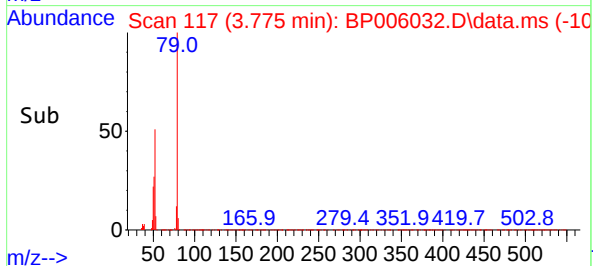
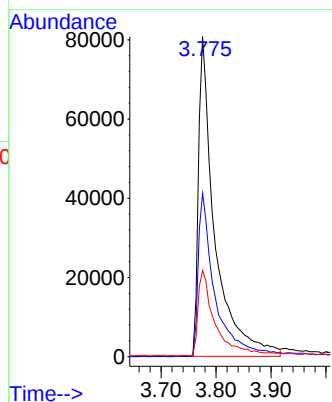
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



Tgt Ion: 79 Resp: 167466
Ion Ratio Lower Upper
79 100
52 51.1 41.7 62.5
51 27.0 24.1 36.1

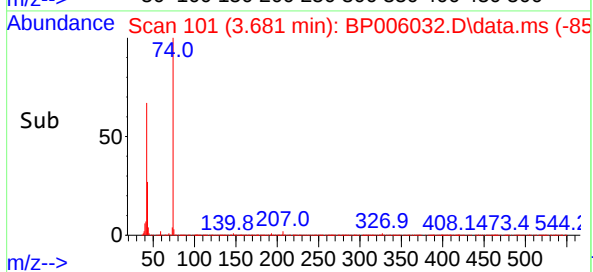
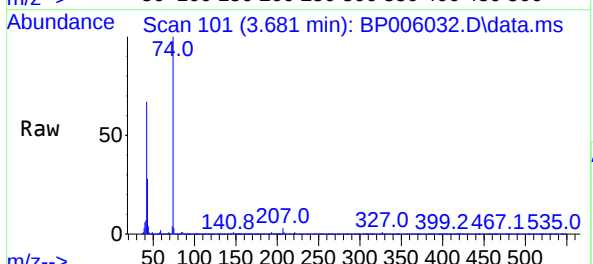
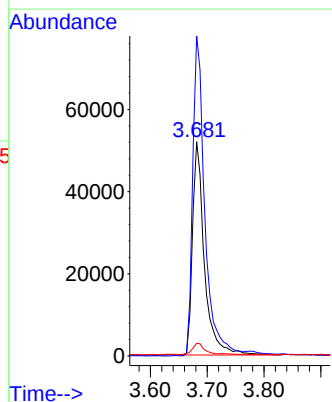
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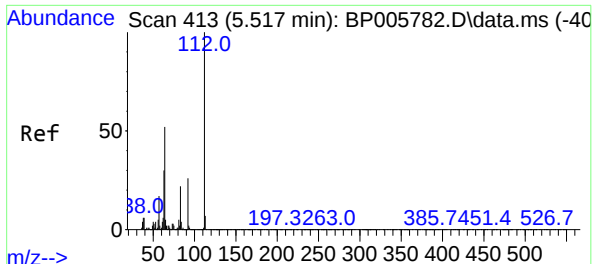
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#4
n-Nitrosodimethylamine
Concen: 35.565 ng
RT: 3.681 min Scan# 101
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

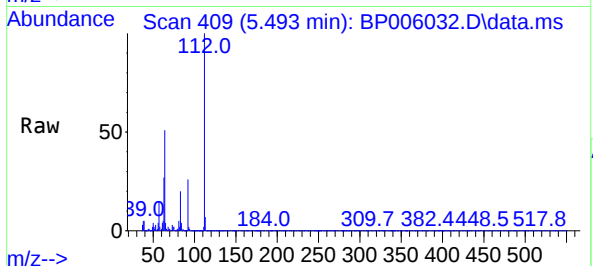
Tgt Ion: 42 Resp: 75857
Ion Ratio Lower Upper
42 100
74 149.4 105.4 158.0
44 5.9 4.2 6.4





#5
2-Fluorophenol
Concen: 82.885 ng
RT: 5.493 min Scan# 409
Delta R.T. 0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

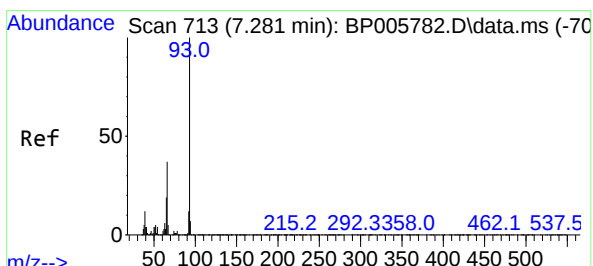
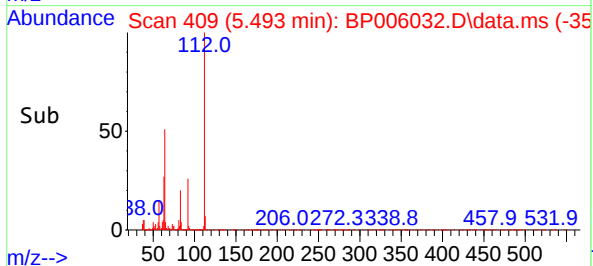
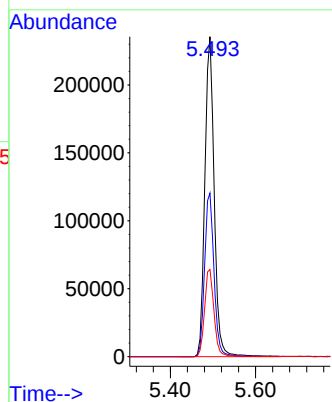
Instrument :
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RIG-DRILL-CUTTING-DRUMS-1-7M



Tgt Ion:112 Resp: 358183
Ion Ratio Lower Upper
112 100
64 51.1 41.4 62.2
63 27.2 23.8 35.8

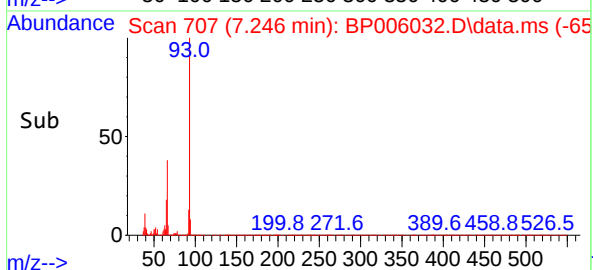
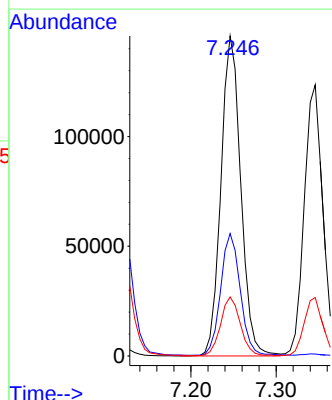
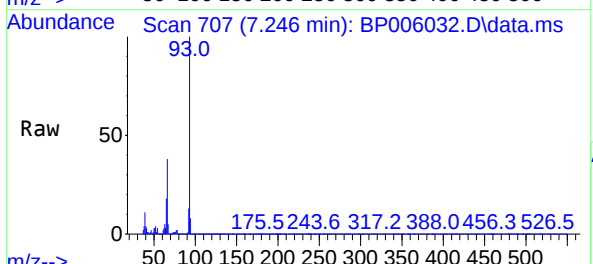
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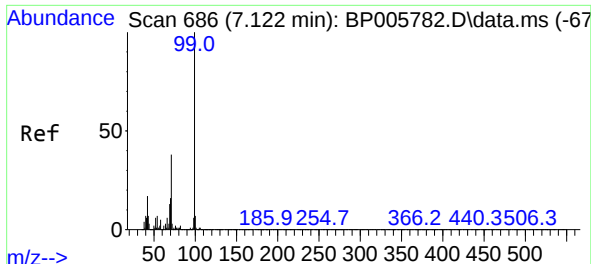
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#6
Aniline
Concen: 37.726 ng
RT: 7.246 min Scan# 707
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

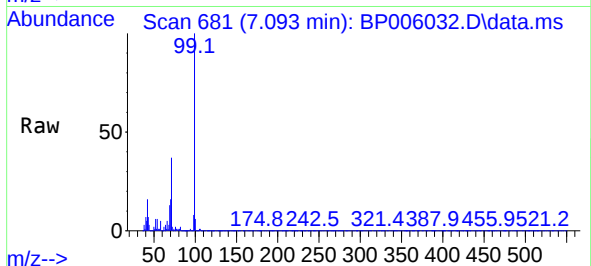
Tgt Ion: 93 Resp: 235915
Ion Ratio Lower Upper
93 100
66 38.2 29.7 44.5
65 18.5 15.3 22.9





#7
Phenol-d6
Concen: 96.365 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP006032.D
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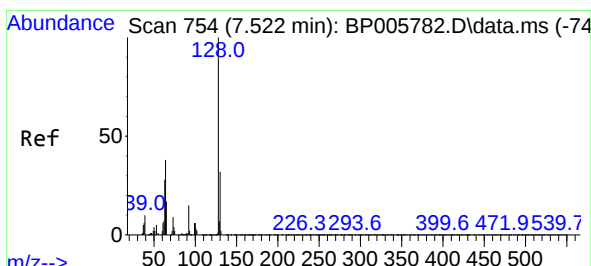
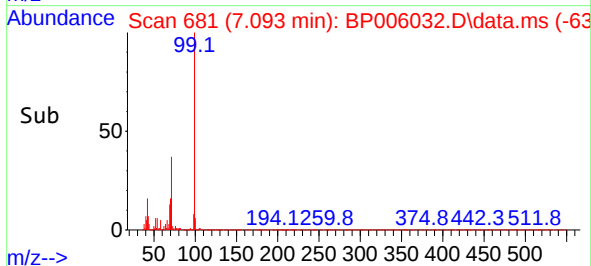
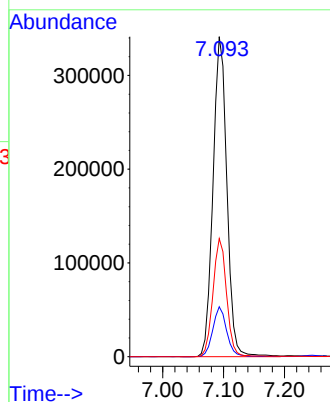
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Tgt Ion: 99 Resp: 539761
Ion Ratio Lower Upper
99 100
42 15.6 13.4 20.0
71 36.9 30.6 46.0

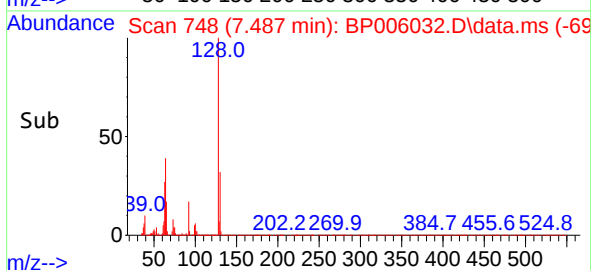
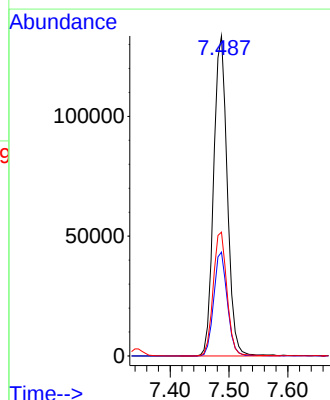
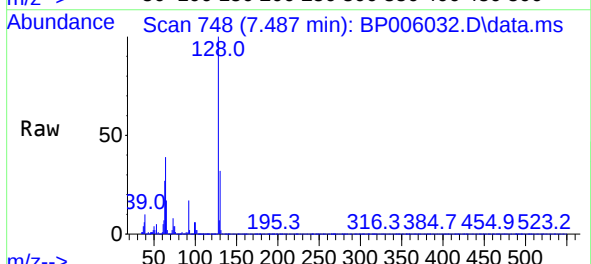
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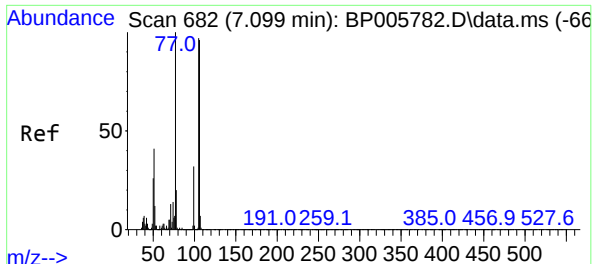
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#8
2-Chlorophenol
Concen: 43.415 ng
RT: 7.487 min Scan# 748
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

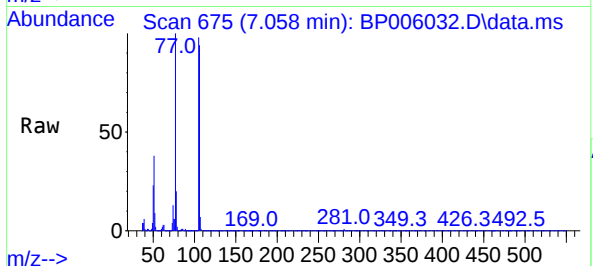
Tgt Ion: 128 Resp: 215111
Ion Ratio Lower Upper
128 100
130 32.5 12.4 52.4
64 38.7 20.3 60.3





#9
Benzaldehyde
Concen: 52.409 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP006032.D
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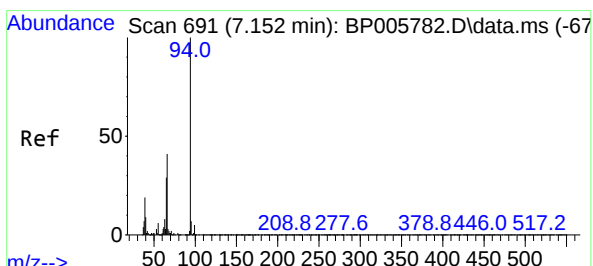
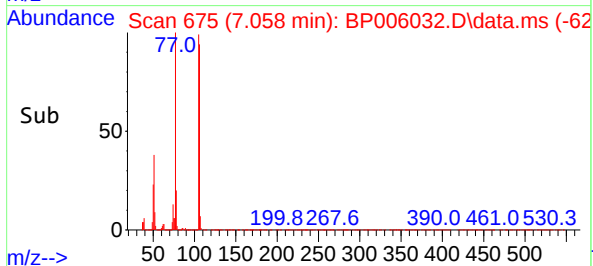
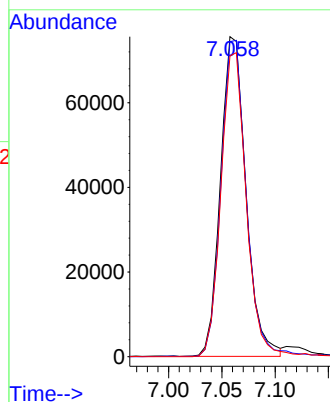
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Tgt Ion: 77 Resp: 125143
Ion Ratio Lower Upper
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105 98.5 76.7 116.7
106 94.0 76.2 116.2

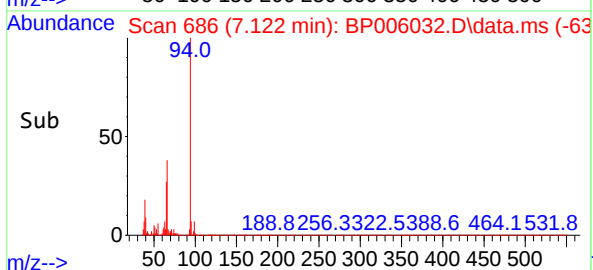
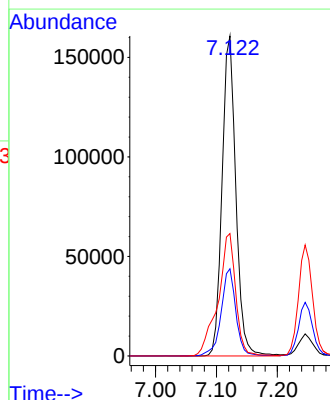
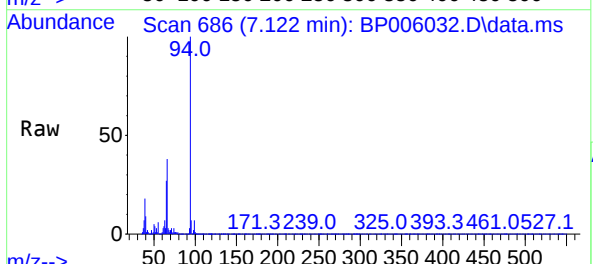
Manual Integrations
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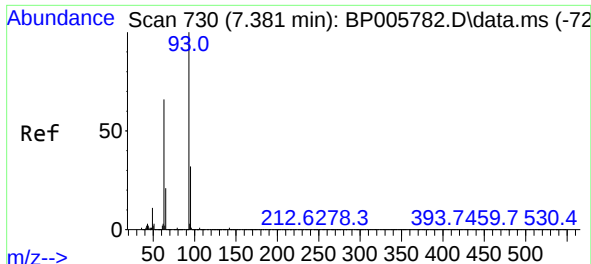
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#10
Phenol
Concen: 45.132 ng
RT: 7.122 min Scan# 686
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

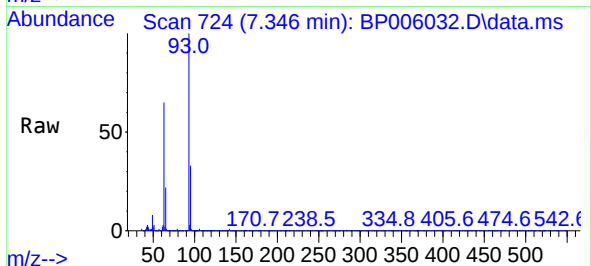
Tgt Ion: 94 Resp: 252535
Ion Ratio Lower Upper
94 100
65 27.3 8.8 48.8
66 38.2 20.7 60.7





#11
bis(2-Chloroethyl)ether
Concen: 44.550 ng
RT: 7.346 min Scan# 724
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

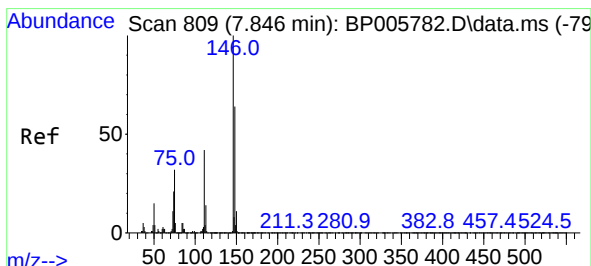
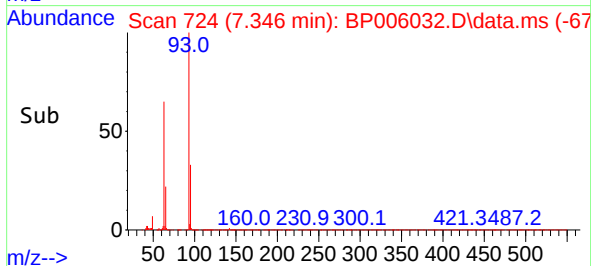
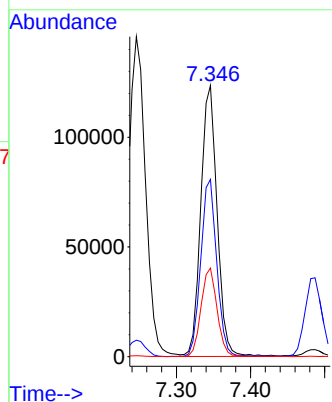
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



Tgt Ion: 93 Resp: 188897
Ion Ratio Lower Upper
93 100
63 65.3 46.2 86.2
95 32.7 12.2 52.2

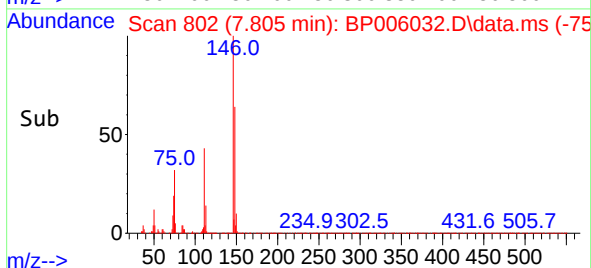
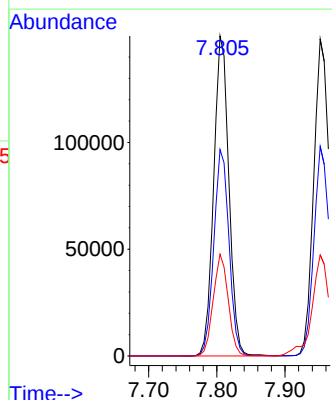
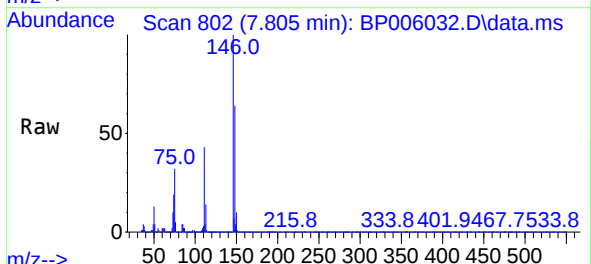
Manual Integrations
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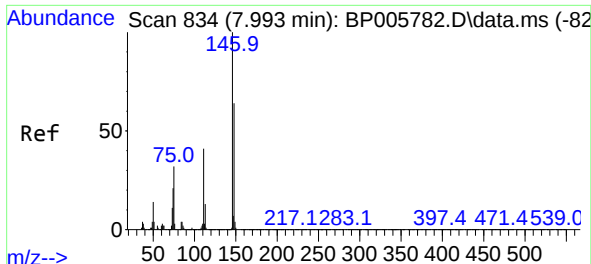
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#12
1,3-Dichlorobenzene
Concen: 42.036 ng
RT: 7.805 min Scan# 802
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

Tgt Ion: 146 Resp: 232894
Ion Ratio Lower Upper
146 100
148 64.5 51.5 77.3
75 31.8 25.7 38.5





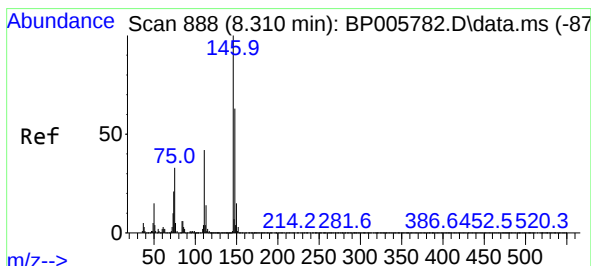
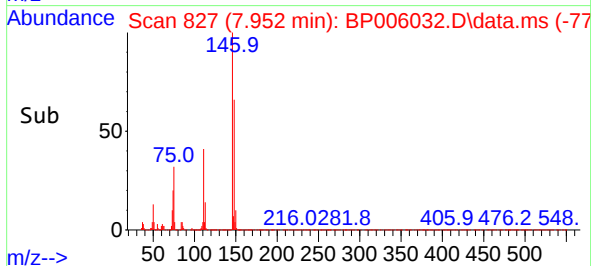
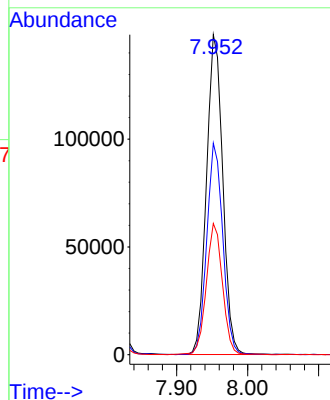
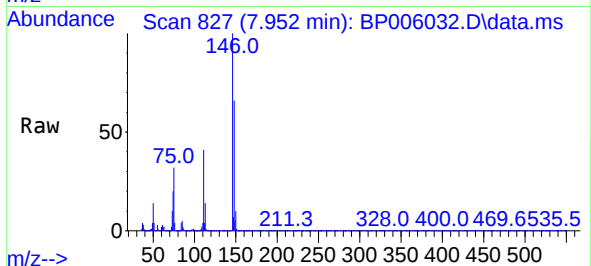
#13
1,4-Dichlorobenzene
Concen: 41.771 ng
RT: 7.952 min Scan# 827
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

Tgt Ion:146 Resp: 236014
Ion Ratio Lower Upper
146 100
148 66.1 51.3 76.9
111 41.0 33.0 49.6

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

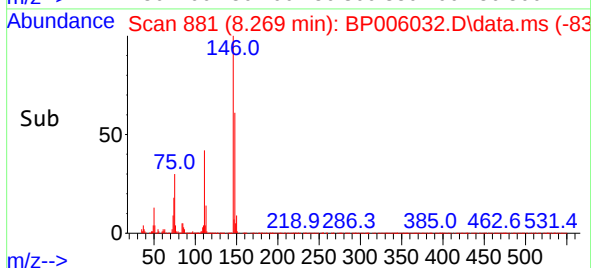
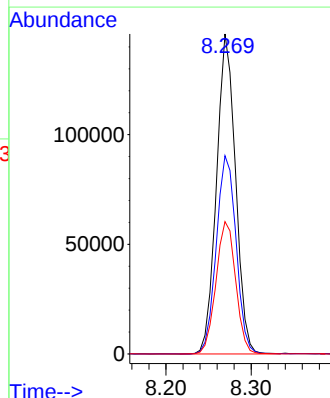
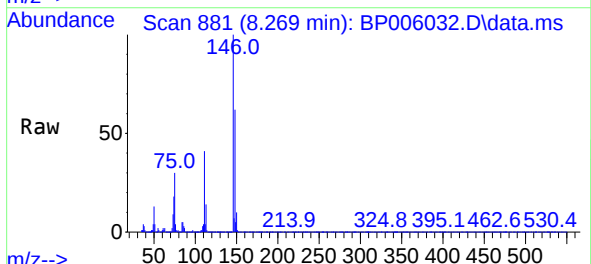
Manual Integrations
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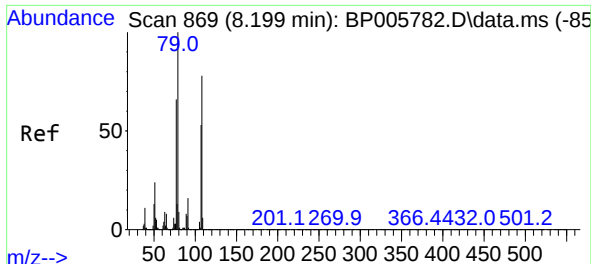
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#14
1,2-Dichlorobenzene
Concen: 42.028 ng
RT: 8.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

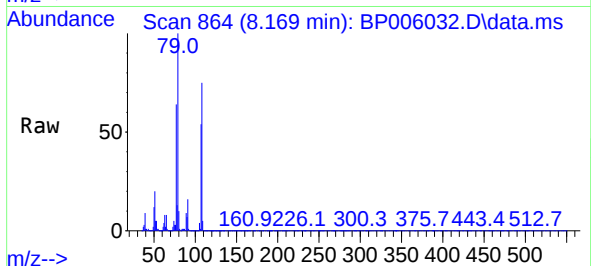
Tgt Ion:146 Resp: 226981
Ion Ratio Lower Upper
146 100
148 61.9 50.3 75.5
111 41.3 33.7 50.5





#15
Benzyl Alcohol
Concen: 42.296 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

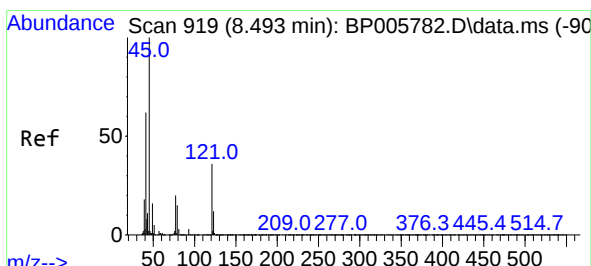
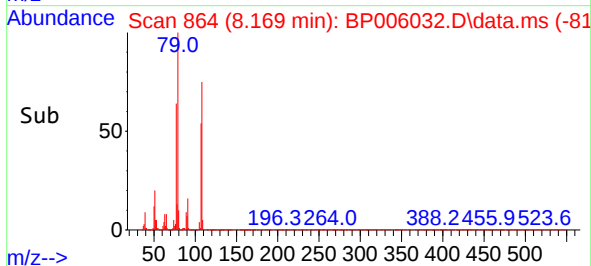
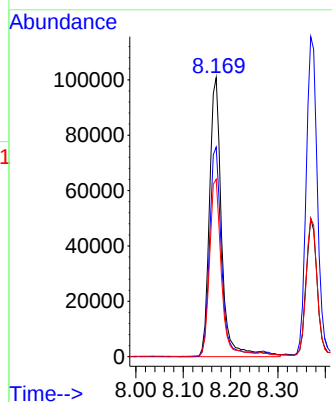
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



Tgt Ion: 79 Resp: 178442
Ion Ratio Lower Upper
79 100
108 75.1 62.5 93.7
77 63.6 52.9 79.3

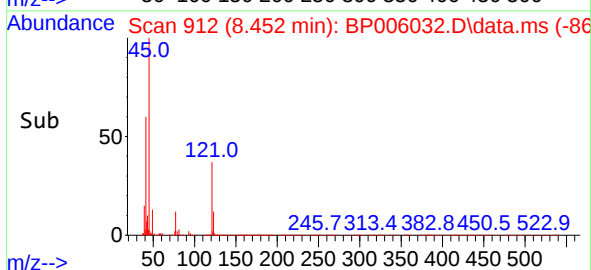
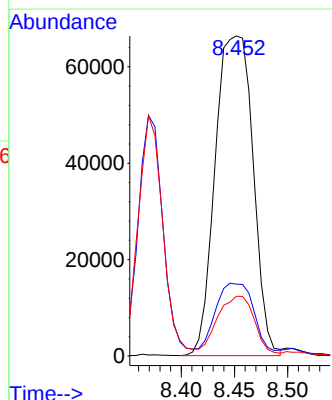
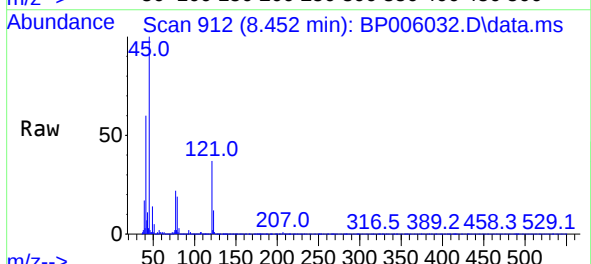
Manual Integrations
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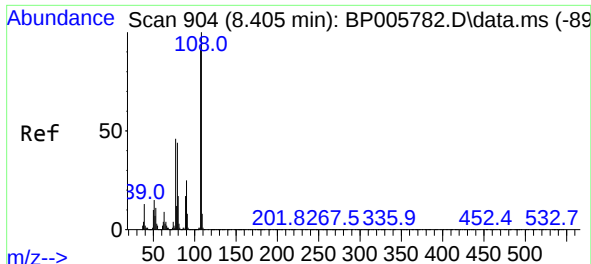
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.816 ng
RT: 8.452 min Scan# 912
Delta R.T. 0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

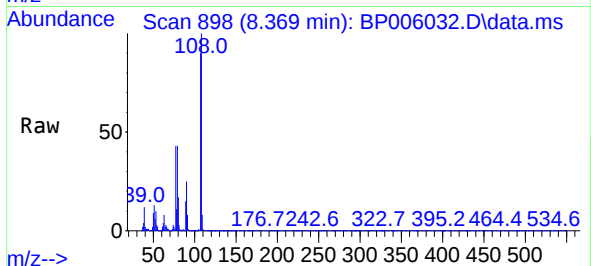
Tgt Ion: 45 Resp: 163900
Ion Ratio Lower Upper
45 100
77 22.5 2.0 42.0
79 18.7 0.0 36.7





#17
2-Methylphenol
Concen: 44.040 ng
RT: 8.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

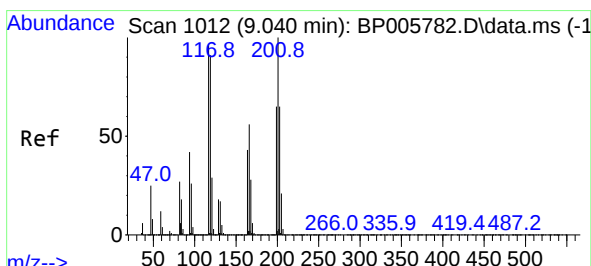
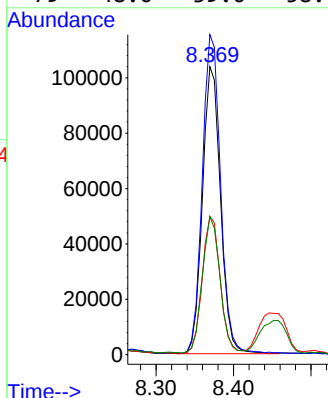
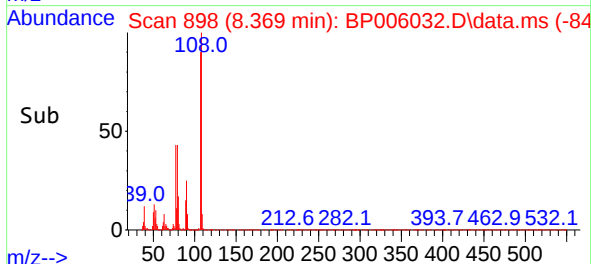
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



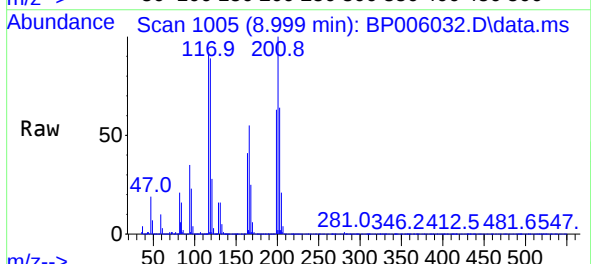
Tgt Ion:107 Resp: 167900
Ion Ratio Lower Upper
107 100
108 111.1 87.7 131.5
77 48.0 40.2 60.2
79 48.0 39.0 58.4

Manual Integrations
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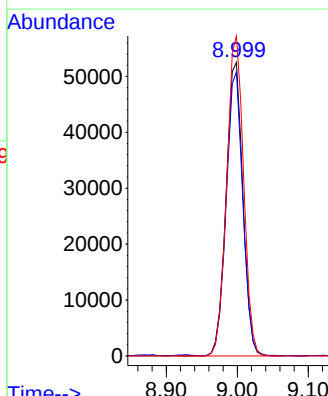
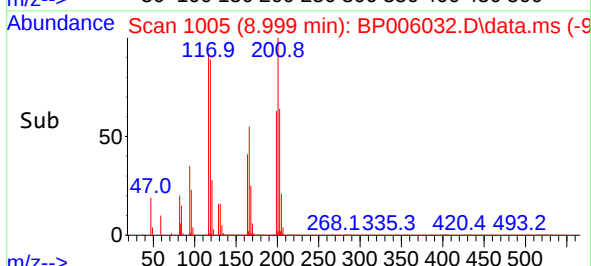
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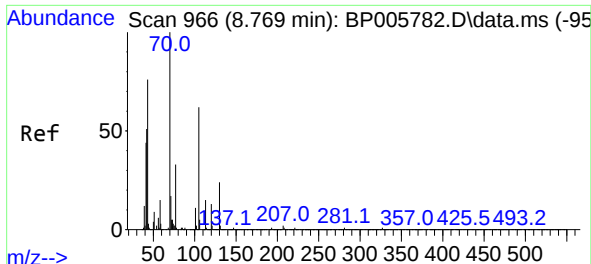


#18
Hexachloroethane
Concen: 42.134 ng
RT: 8.999 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37



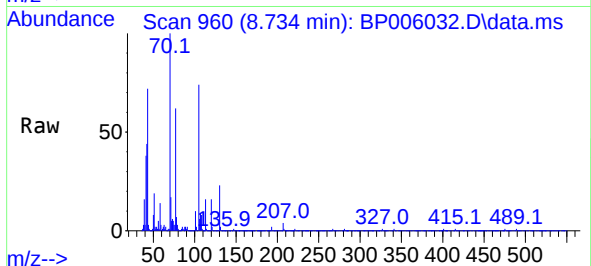
Tgt Ion:117 Resp: 86111
Ion Ratio Lower Upper
117 100
119 96.8 76.2 114.2
201 109.0 83.4 125.0





#19
n-Nitroso-di-n-propylamine
Concen: 41.321 ng
RT: 8.734 min Scan# 960
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

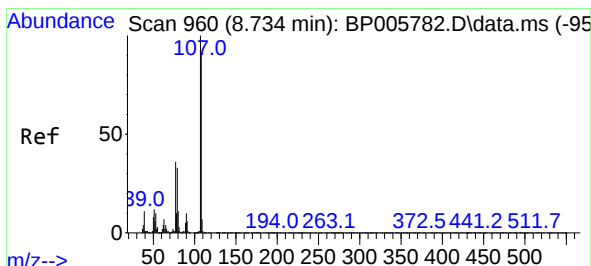
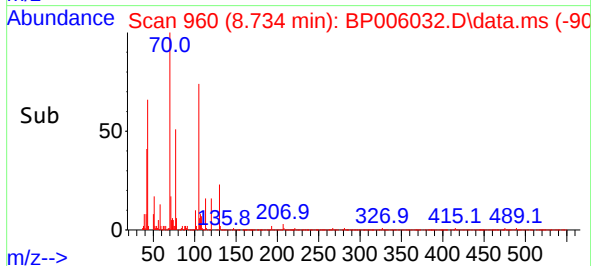
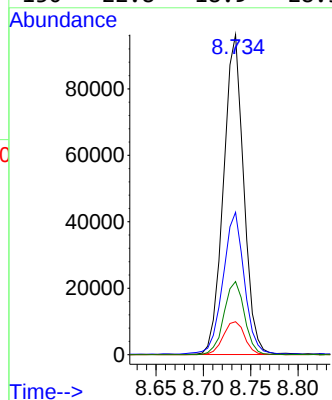
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



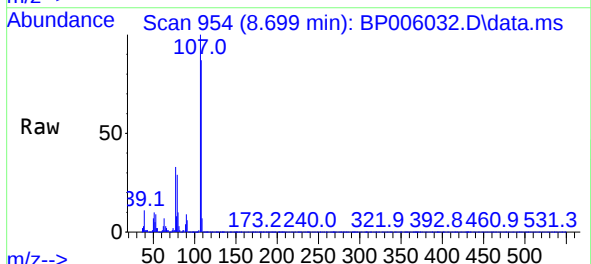
Tgt Ion:	70	Resp:	142383
Ion	Ratio	Lower	Upper
70	100		
42	44.5	40.8	61.2
101	10.3	8.8	13.2
130	22.8	18.9	28.3

Manual Integrations
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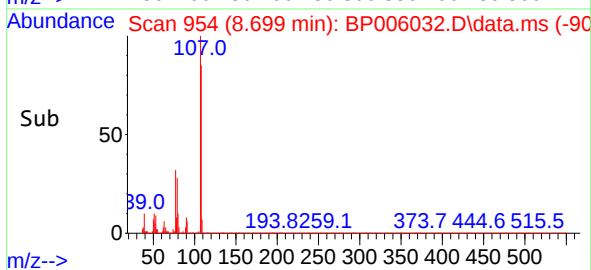
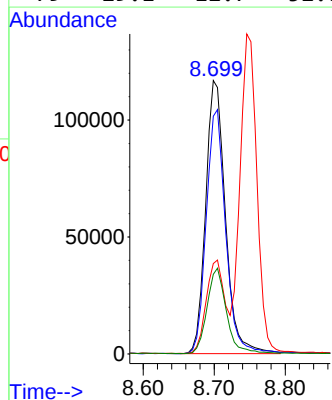
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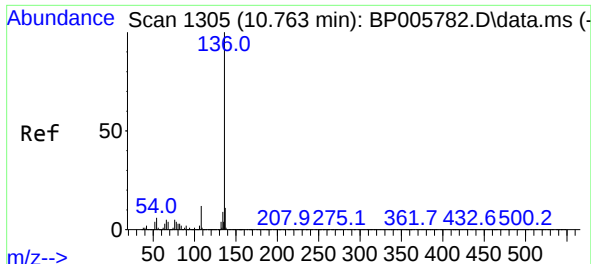


#20
3+4-Methylphenols
Concen: 43.844 ng
RT: 8.699 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37



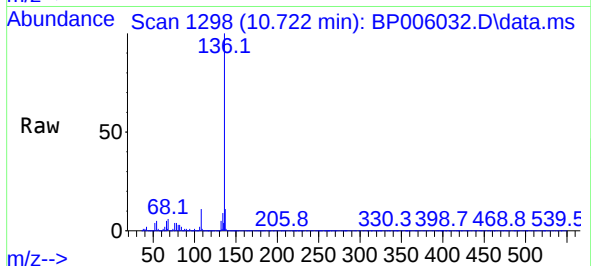
Tgt Ion:	107	Resp:	225787
Ion	Ratio	Lower	Upper
107	100		
108	86.9	71.0	111.0
77	33.1	16.6	56.6
79	29.1	12.7	52.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

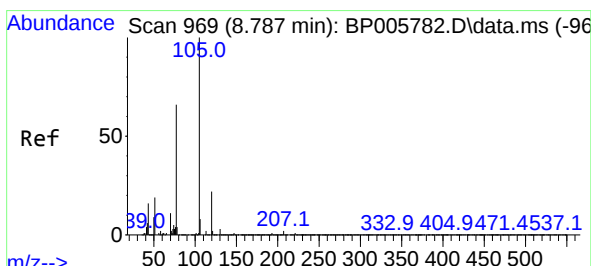
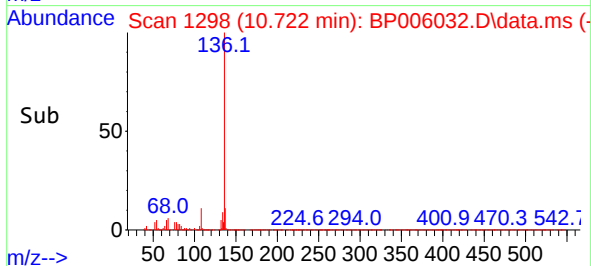
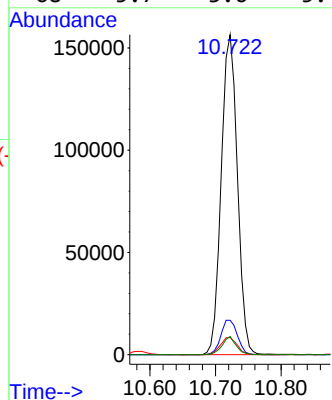
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



Tgt Ion:	136	Resp:	266934
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	12.8
54	5.4	4.6	6.8
68	5.7	3.6	5.4#

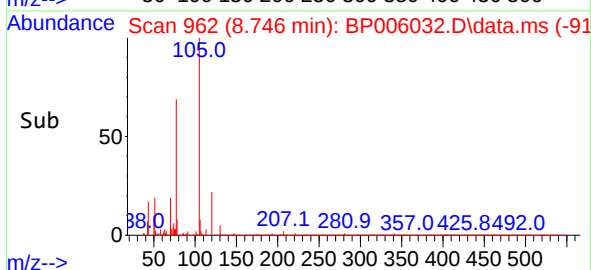
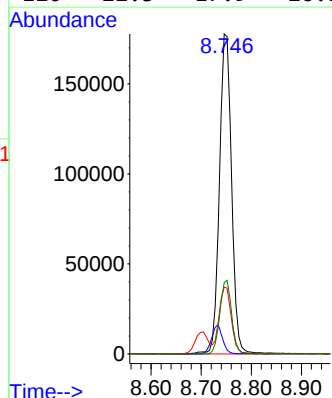
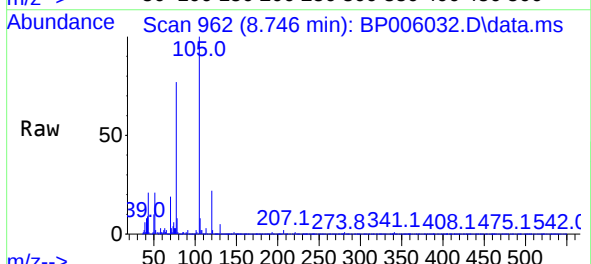
Manual Integrations
APPROVED

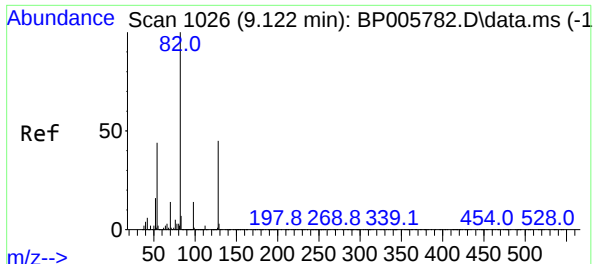
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#22
Acetophenone
Concen: 42.596 ng
RT: 8.746 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

Tgt Ion:	105	Resp:	299279
Ion Ratio	Lower	Upper	
105	100		
71	3.2	1.9	2.9#
51	20.9	18.4	27.6
120	22.3	17.9	26.9





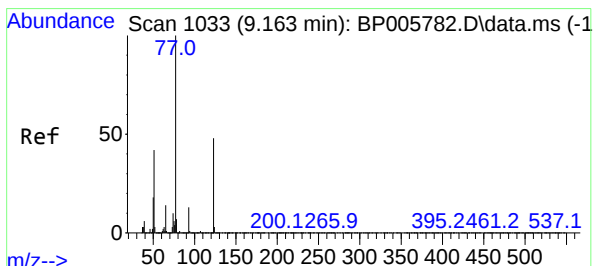
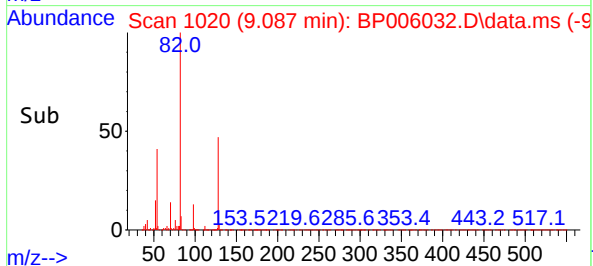
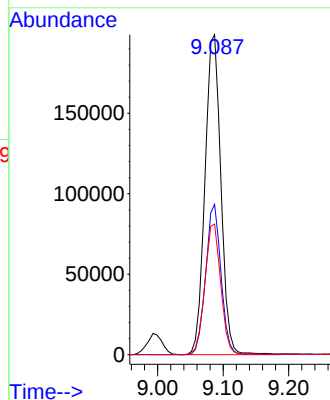
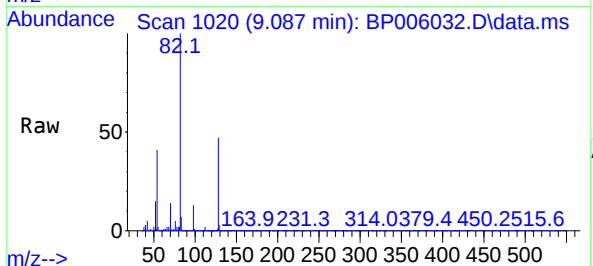
#23
Nitrobenzene-d5
Concen: 61.885 ng
RT: 9.087 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

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

Tgt Ion: 82 Resp: 336938
Ion Ratio Lower Upper
82 100
128 47.0 35.7 53.5
54 40.8 35.0 52.4

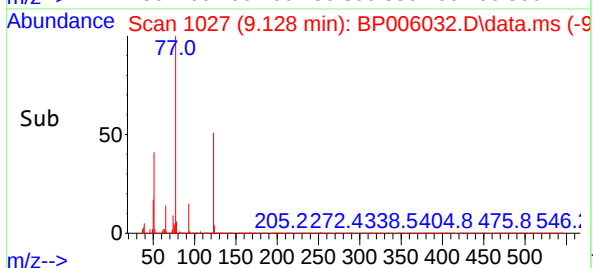
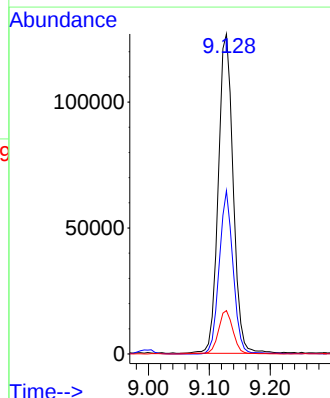
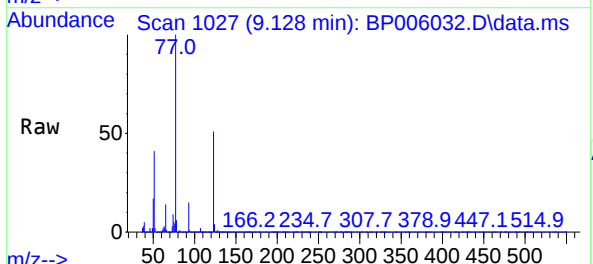
Manual Integrations
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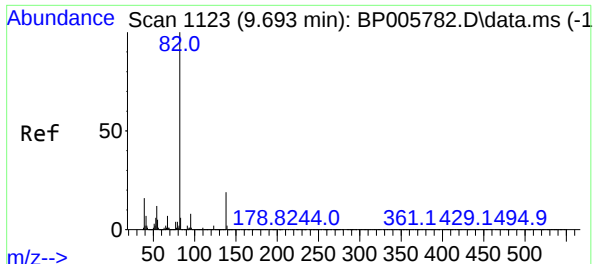
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#24
Nitrobenzene
Concen: 37.953 ng
RT: 9.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

Tgt Ion: 77 Resp: 214576
Ion Ratio Lower Upper
77 100
123 51.0 38.2 57.2
65 13.6 11.4 17.2





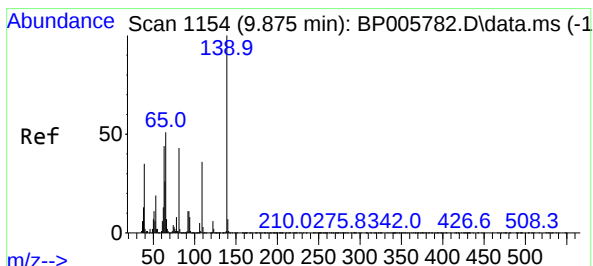
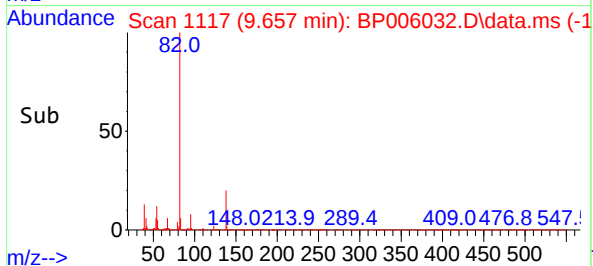
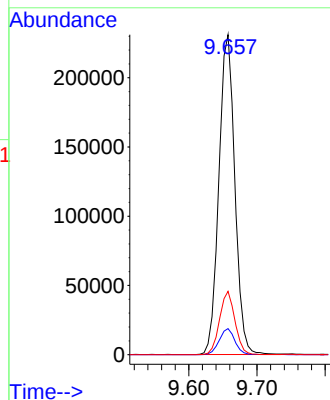
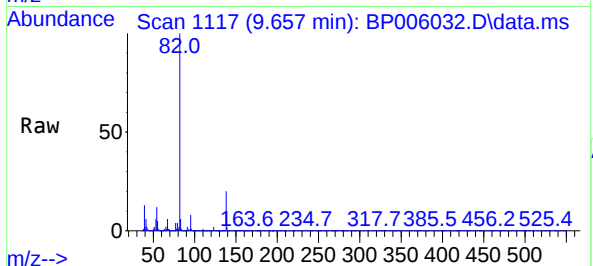
#25
Isophorone
Concen: 37.492 ng
RT: 9.657 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

Tgt Ion: 82 Resp: 376968
Ion Ratio Lower Upper
82 100
95 8.2 6.5 9.7
138 19.8 15.0 22.4

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

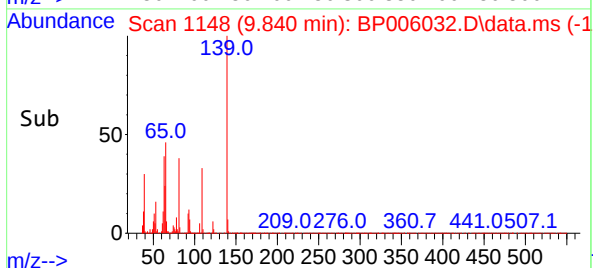
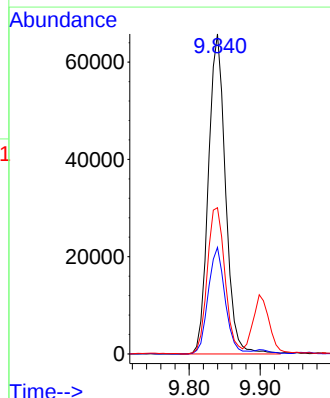
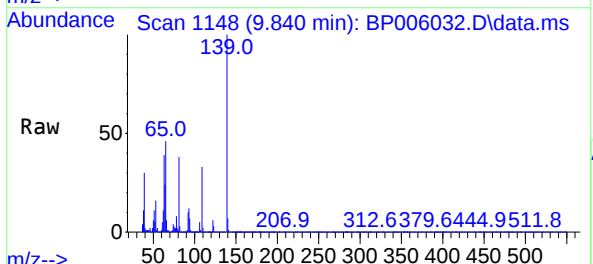
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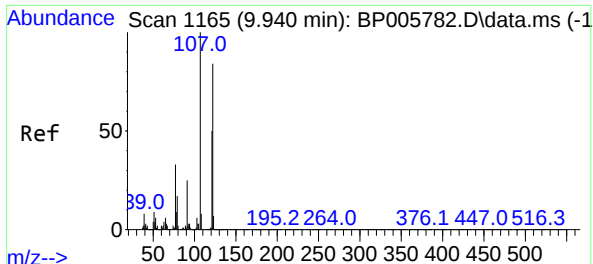
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#26
2-Nitrophenol
Concen: 40.920 ng
RT: 9.840 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

Tgt Ion: 139 Resp: 110386
Ion Ratio Lower Upper
139 100
109 33.3 28.8 43.2
65 45.7 41.0 61.6





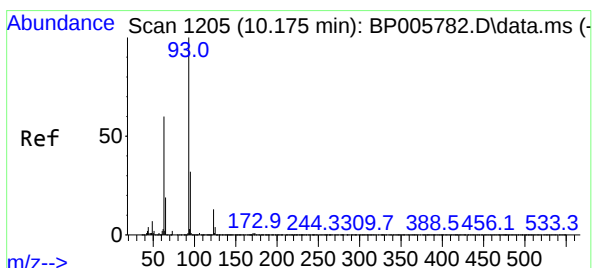
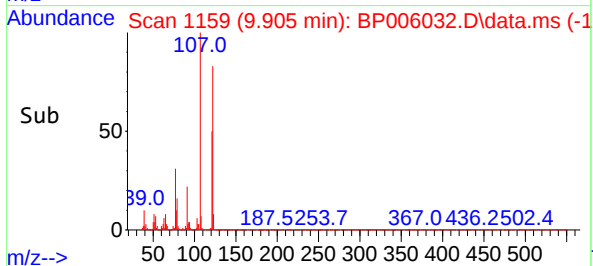
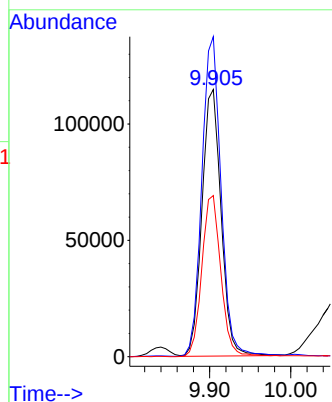
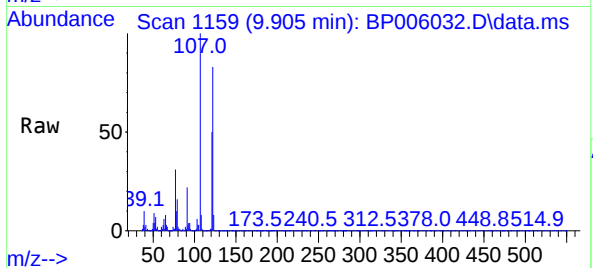
#27
2,4-Dimethylphenol
Concen: 46.717 ng
RT: 9.905 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

Tgt Ion: 122 Resp: 187746
Ion Ratio Lower Upper
122 100
107 119.8 94.5 141.7
121 60.3 47.4 71.2

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

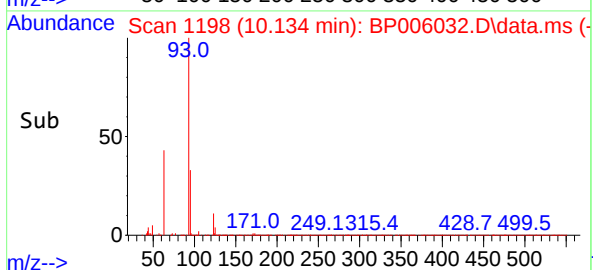
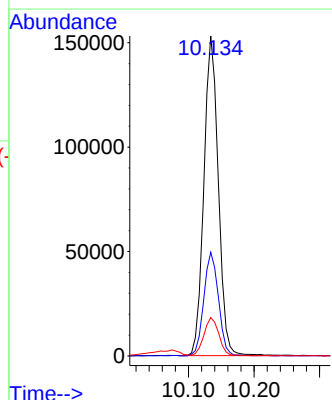
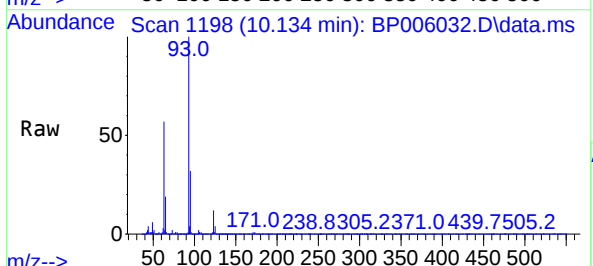
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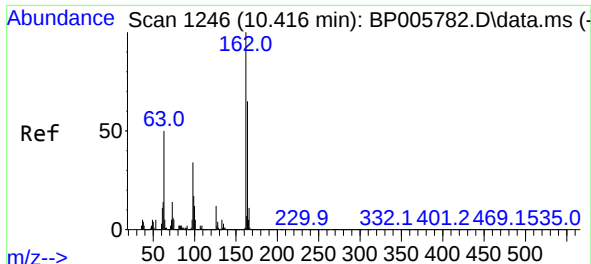
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#28
bis(2-Chloroethoxy)methane
Concen: 44.763 ng
RT: 10.134 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

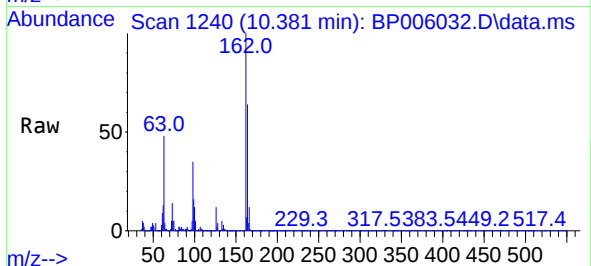
Tgt Ion: 93 Resp: 234897
Ion Ratio Lower Upper
93 100
95 32.4 25.9 38.9
123 12.0 10.2 15.2





#29
2,4-Dichlorophenol
Concen: 41.012 ng
RT: 10.381 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

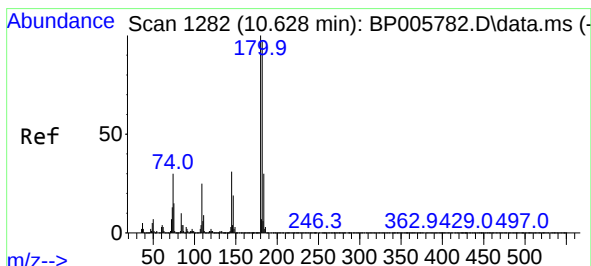
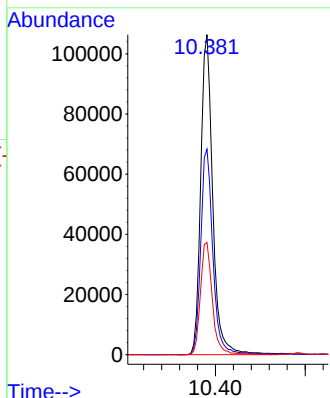
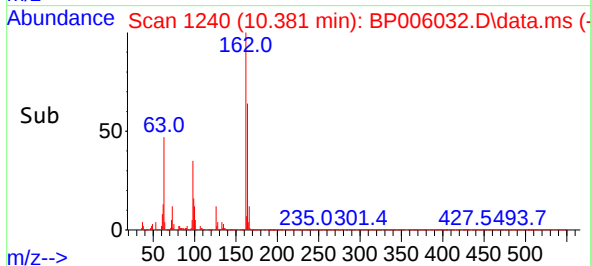
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



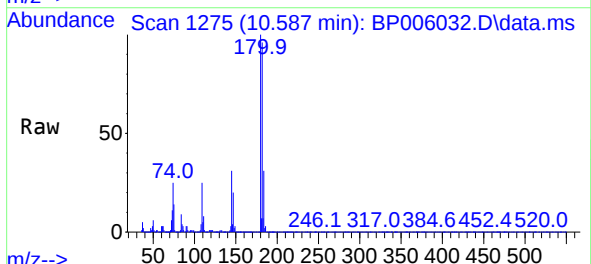
Tgt Ion:162 Resp: 198075
Ion Ratio Lower Upper
162 100
164 64.2 44.9 84.9
98 35.1 14.3 54.3

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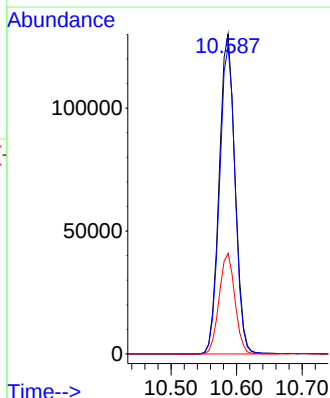
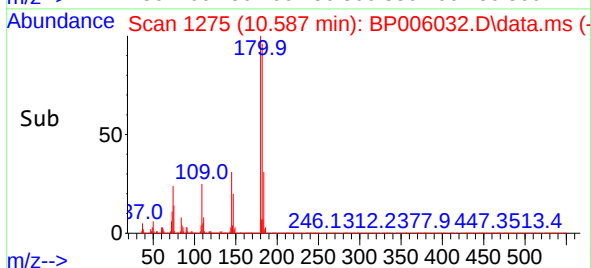
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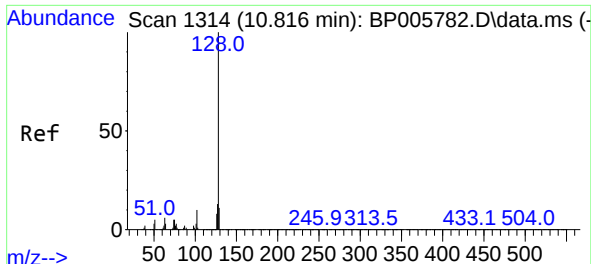


#30
1,2,4-Trichlorobenzene
Concen: 39.957 ng
RT: 10.587 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37



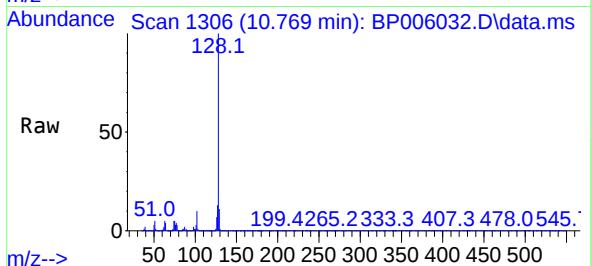
Tgt Ion:180 Resp: 216836
Ion Ratio Lower Upper
180 100
182 96.0 77.9 116.9
145 31.5 24.7 37.1





#31
Naphthalene
Concen: 41.034 ng
RT: 10.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

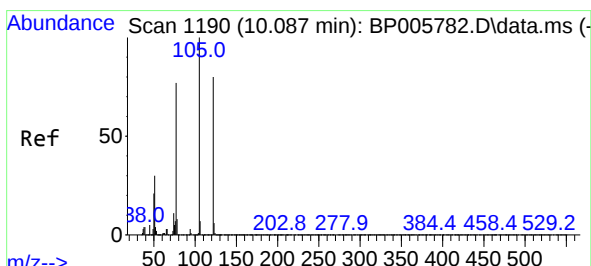
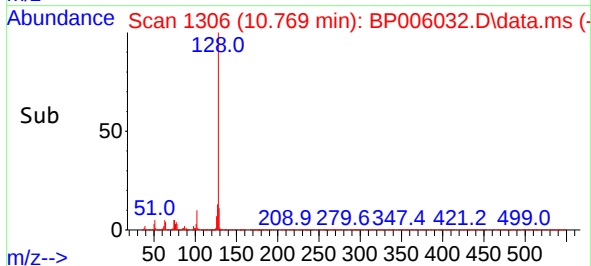
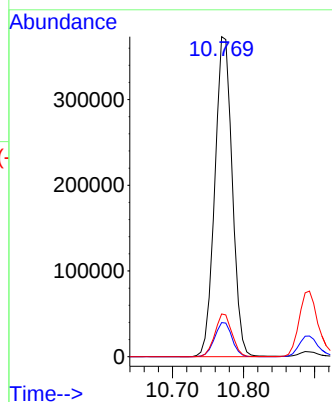
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



Tgt Ion:128 Resp: 633763
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 13.4 10.7 16.1

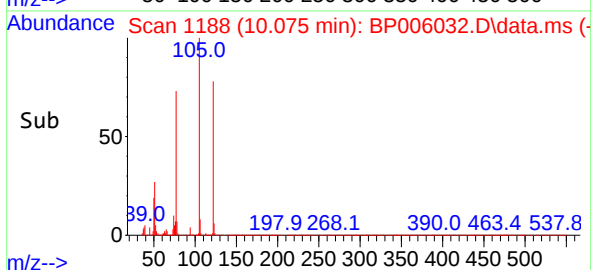
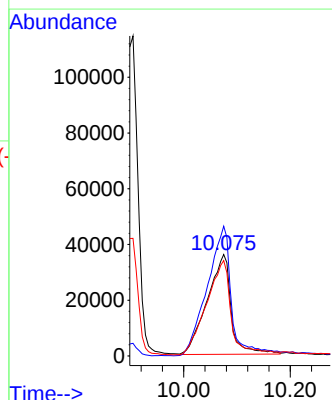
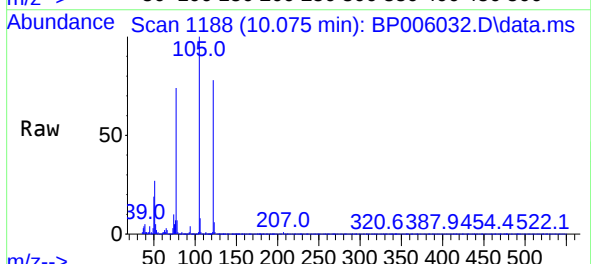
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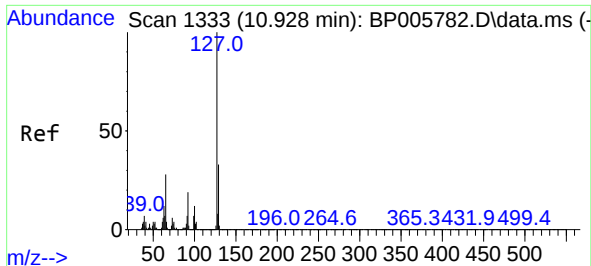
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#32
Benzoic acid
Concen: 38.830 ng
RT: 10.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

Tgt Ion:122 Resp: 112733
Ion Ratio Lower Upper
122 100
105 127.8 103.2 143.2
77 94.0 76.2 116.2





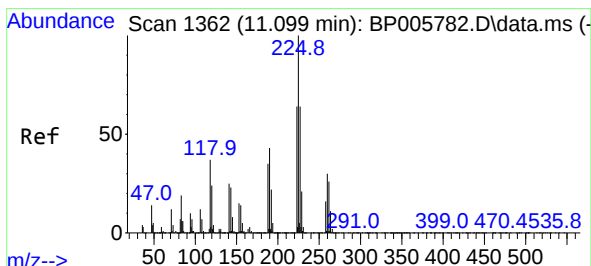
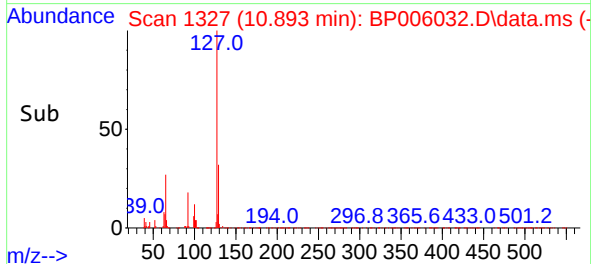
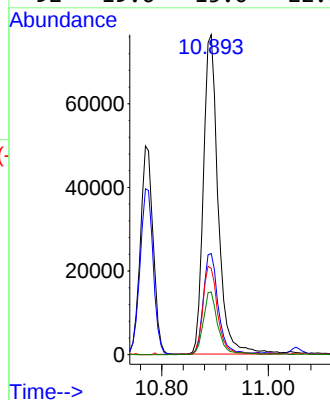
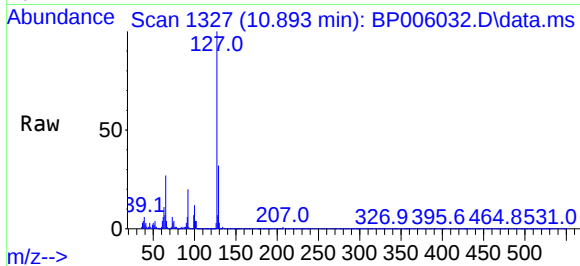
#33
4-Chloroaniline
Concen: 23.555 ng
RT: 10.893 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

Tgt Ion:	127	Resp:	146965
Ion Ratio	Lower	Upper	
127	100		
129	31.6	26.1	39.1
65	27.0	22.5	33.7
92	19.6	15.0	22.6

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

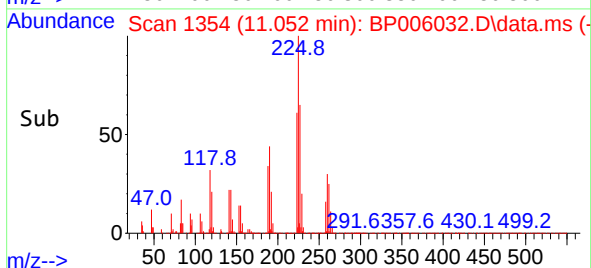
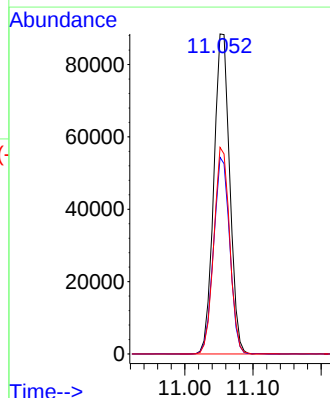
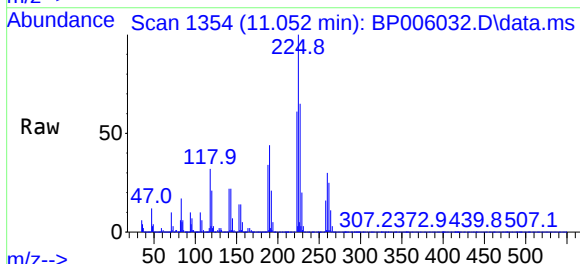
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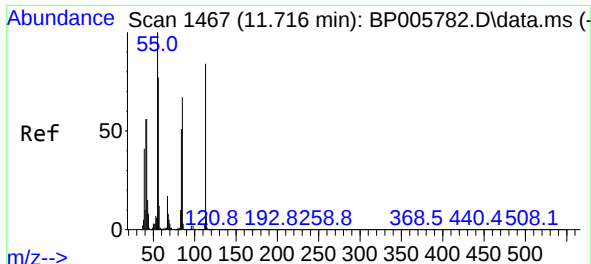
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#34
Hexachlorobutadiene
Concen: 39.122 ng
RT: 11.052 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

Tgt Ion:	225	Resp:	143602
Ion Ratio	Lower	Upper	
225	100		
223	61.5	51.0	76.6
227	64.6	51.4	77.2





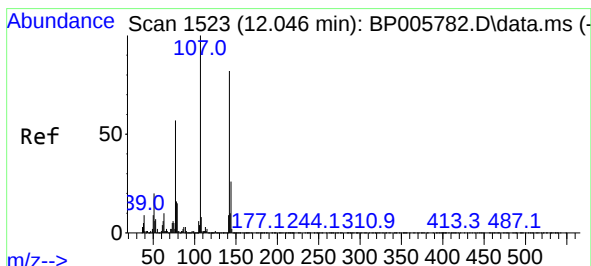
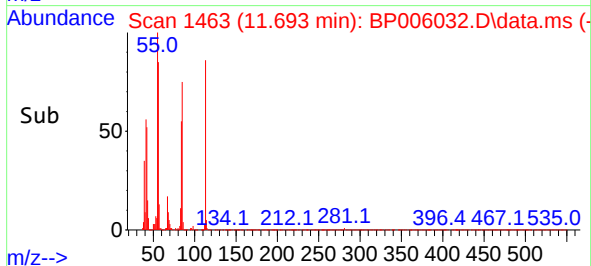
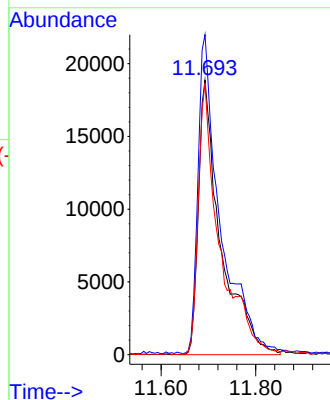
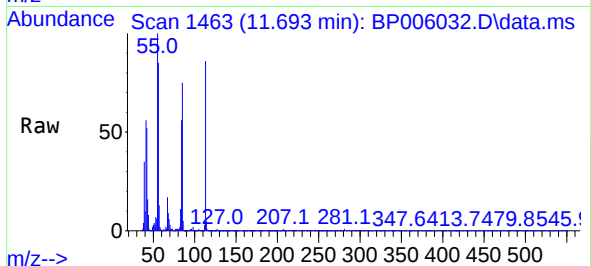
#35
Caprolactam
Concen: 44.334 ng
RT: 11.693 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

Tgt Ion:	113	Resp:	61675
Ion	Ratio	Lower	Upper
113	100		
55	116.6	98.9	138.9
56	98.9	71.7	111.7

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

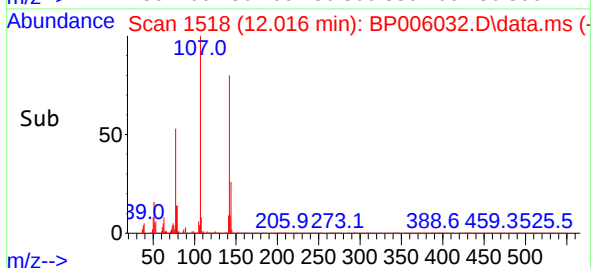
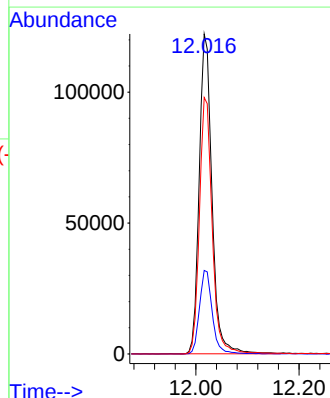
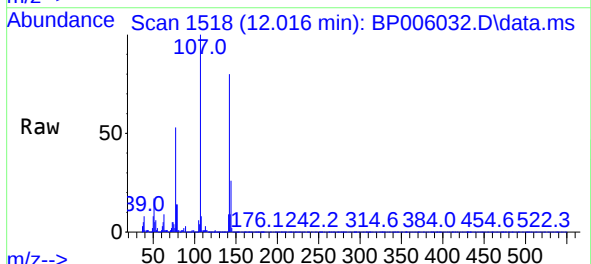
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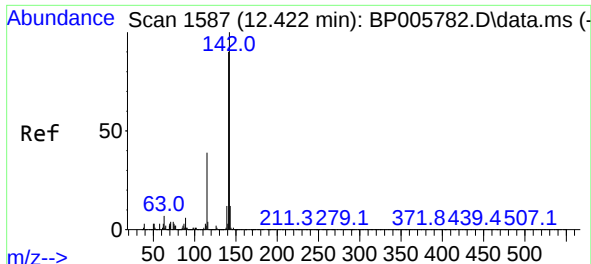
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#36
4-Chloro-3-methylphenol
Concen: 42.772 ng
RT: 12.016 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

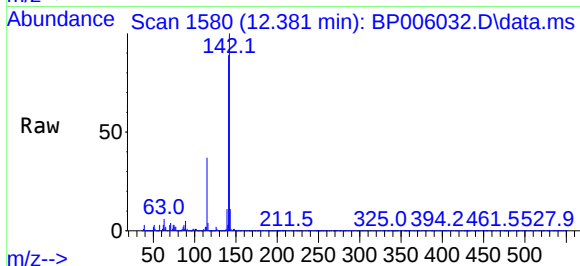
Tgt Ion:	107	Resp:	209751
Ion	Ratio	Lower	Upper
107	100		
144	26.1	21.1	31.7
142	80.1	66.0	99.0





#37
2-Methylnaphthalene
Concen: 41.241 ng
RT: 12.381 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

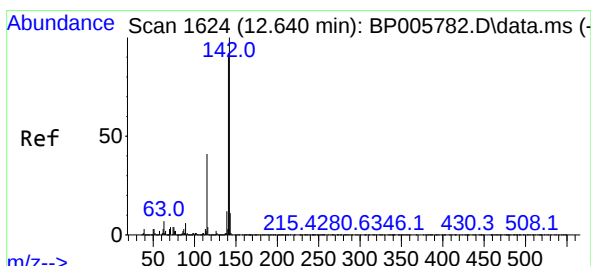
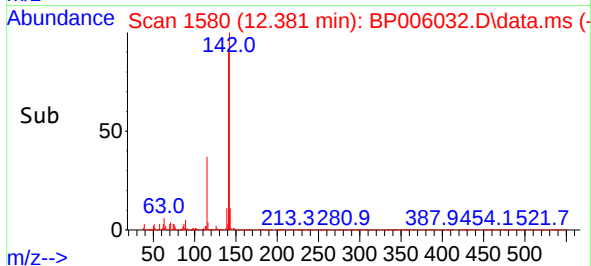
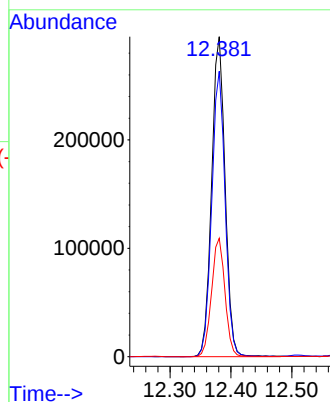
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



Tgt Ion:142 Resp: 453504
Ion Ratio Lower Upper
142 100
141 89.2 71.8 107.6
115 37.0 31.6 47.4

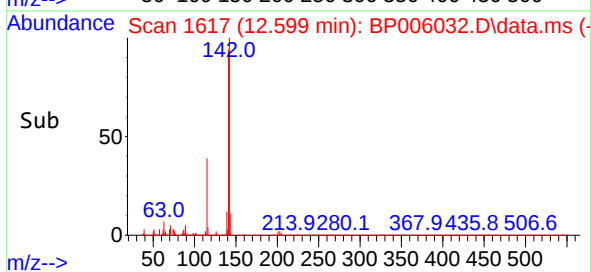
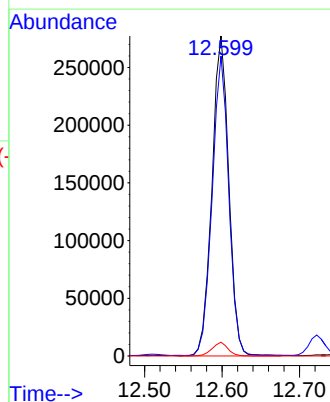
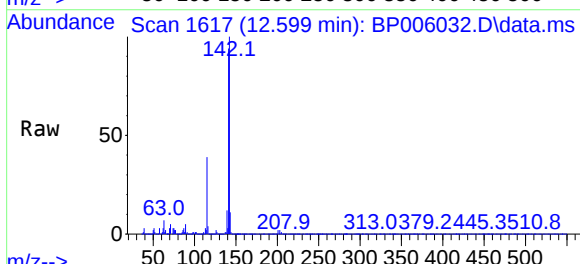
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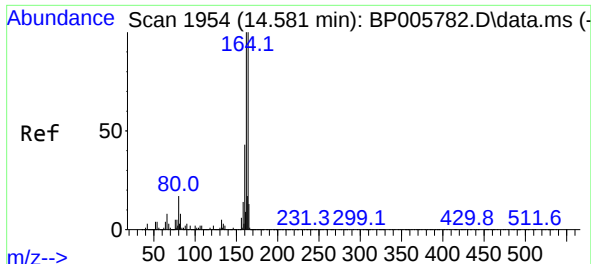
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#38
1-Methylnaphthalene
Concen: 40.429 ng
RT: 12.599 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

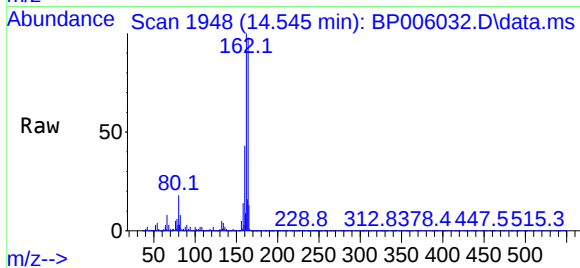
Tgt Ion:142 Resp: 418757
Ion Ratio Lower Upper
142 100
141 93.7 73.3 109.9
116 4.3 3.5 5.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

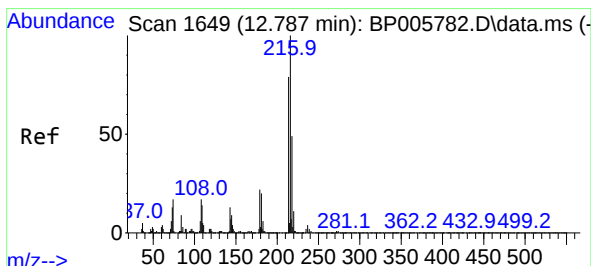
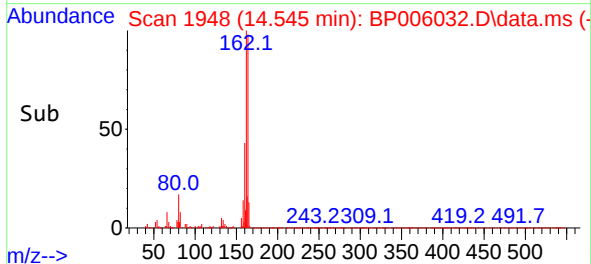
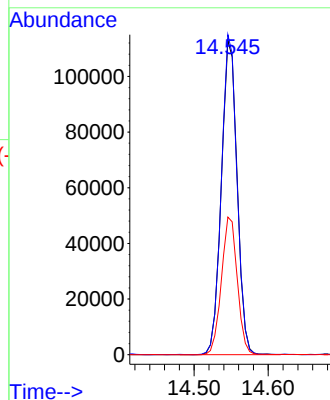
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



Tgt Ion:164 Resp: 166731
Ion Ratio Lower Upper
164 100
162 102.0 80.2 120.2
160 43.9 34.5 51.7

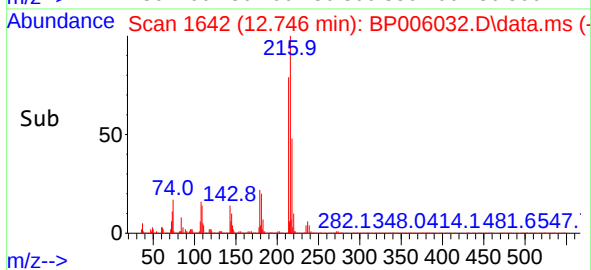
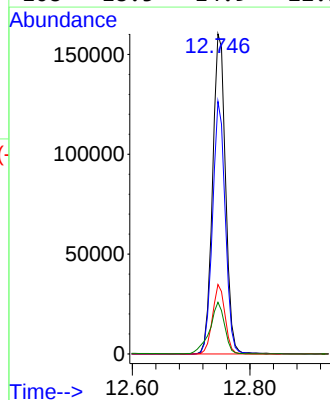
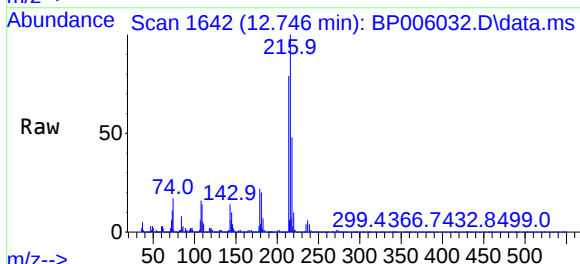
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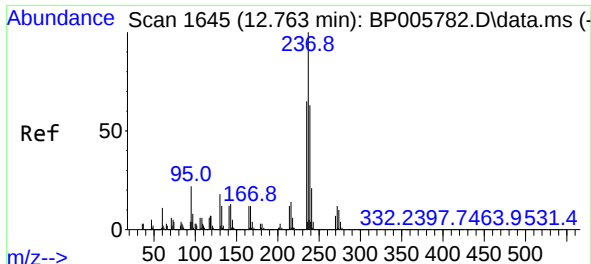
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.579 ng
RT: 12.746 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

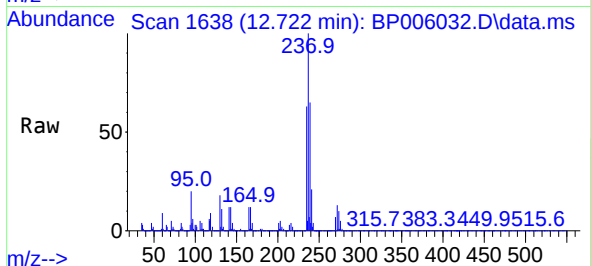
Tgt Ion:216 Resp: 244020
Ion Ratio Lower Upper
216 100
214 77.7 61.9 92.9
179 21.2 16.8 25.2
108 18.5 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 75.598 ng
RT: 12.722 min Scan# 1638
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

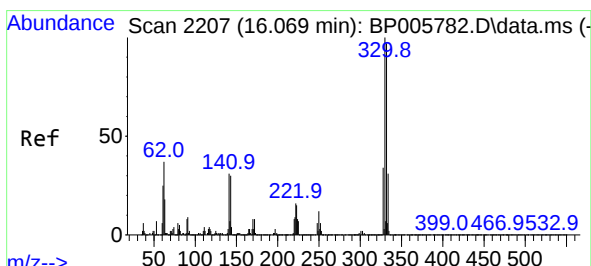
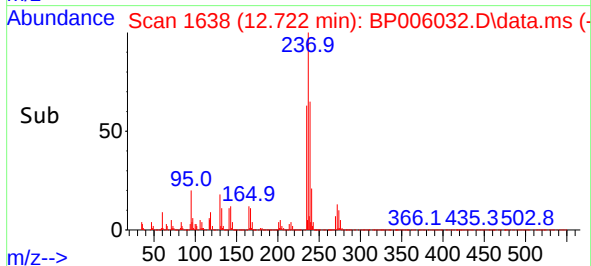
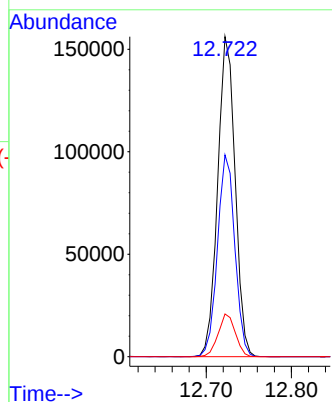
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



Tgt Ion: 237 Resp: 221960
Ion Ratio Lower Upper
237 100
235 63.1 44.5 84.5
272 13.4 0.0 32.5

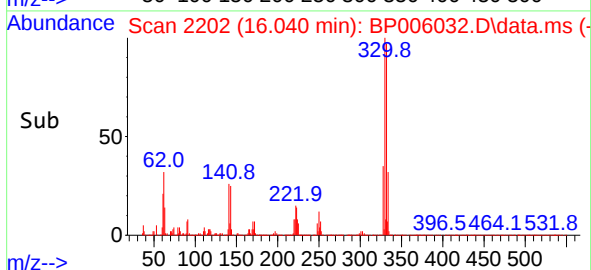
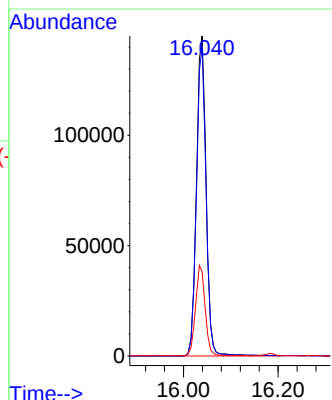
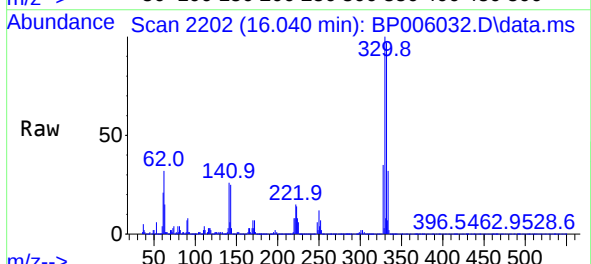
Manual Integrations
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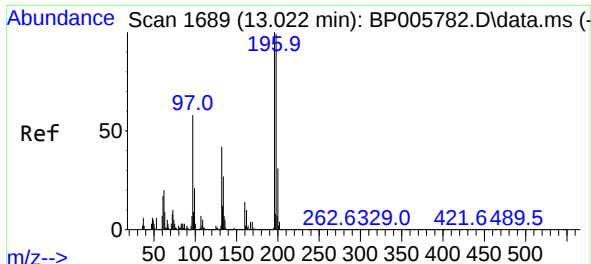
mohammad
6/24/2021 9:51:37 AM



#42
2,4,6-Tribromophenol
Concen: 71.510 ng
RT: 16.040 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

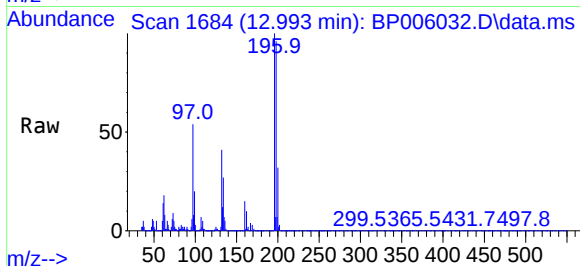
Tgt Ion: 330 Resp: 204606
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 28.1 25.4 38.2





#43
2,4,6-Trichlorophenol
Concen: 39.779 ng
RT: 12.993 min Scan# 1684
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

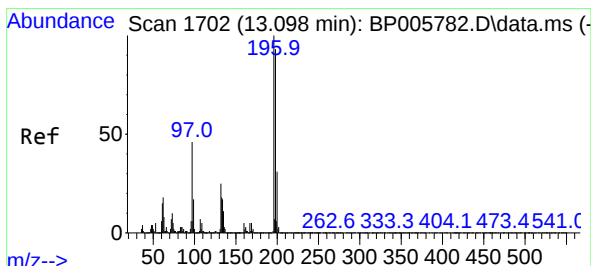
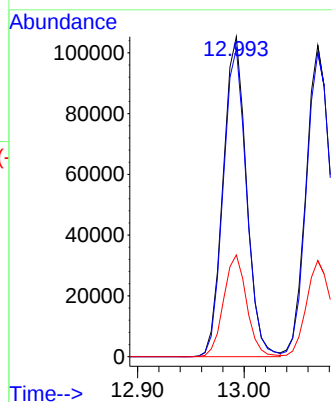
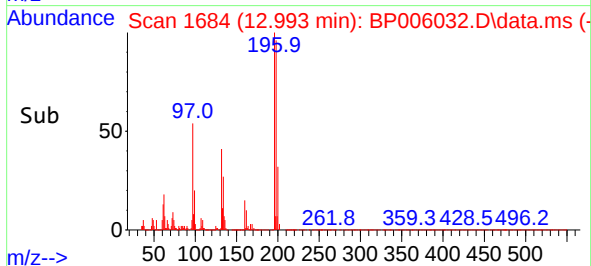
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



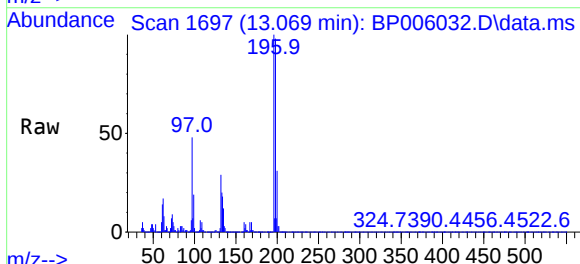
Tgt Ion:196 Resp: 160129
Ion Ratio Lower Upper
196 100
198 96.3 79.5 119.3
200 31.8 25.0 37.6

Manual Integrations
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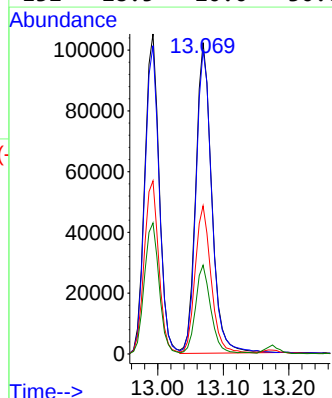
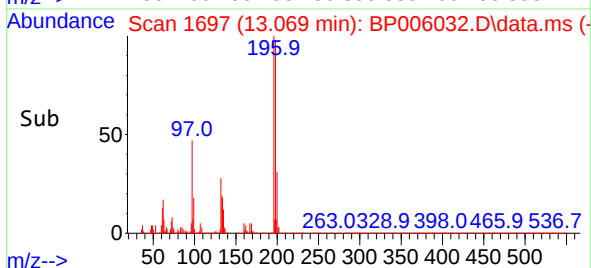
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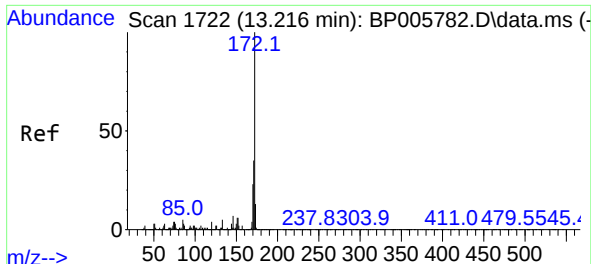


#44
2,4,5-Trichlorophenol
Concen: 39.872 ng
RT: 13.069 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37



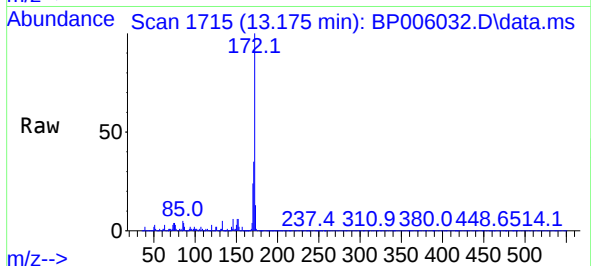
Tgt Ion:196 Resp: 172853
Ion Ratio Lower Upper
196 100
198 97.6 74.7 112.1
97 47.6 37.4 56.0
132 28.5 20.0 30.0





#45
2-Fluorobiphenyl
Concen: 58.906 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

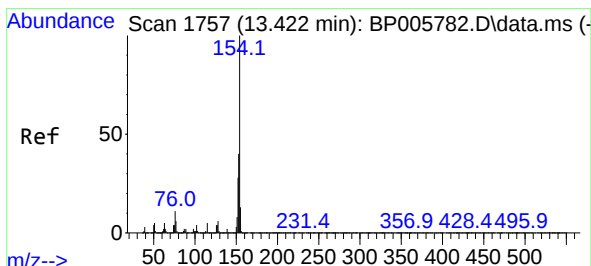
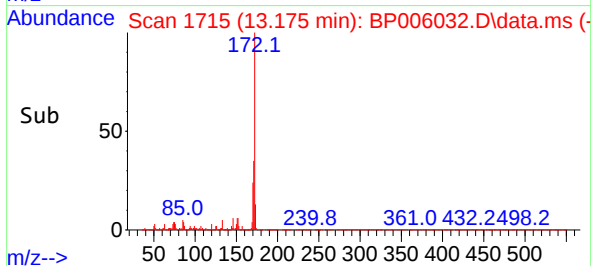
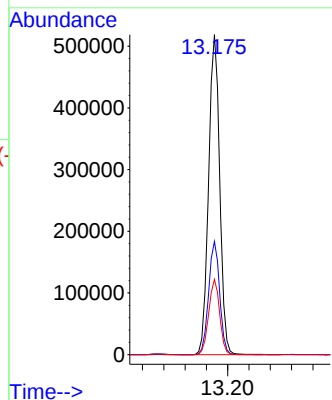
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



Tgt Ion:172 Resp: 747945
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.6 18.6 27.8

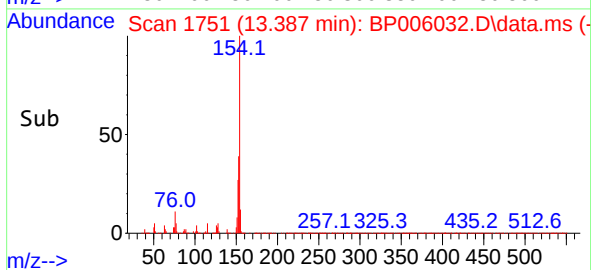
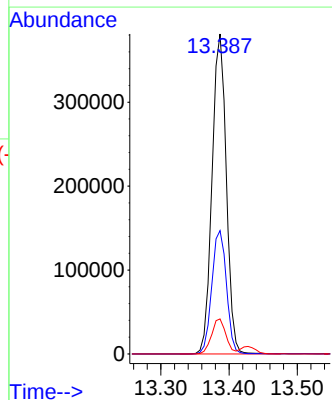
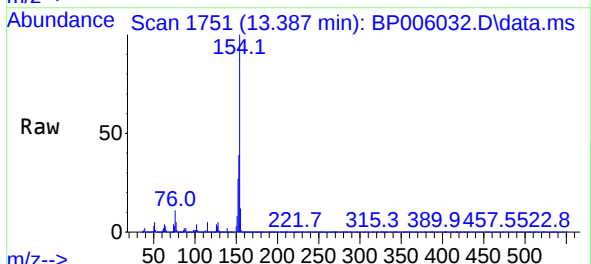
Manual Integrations
APPROVED

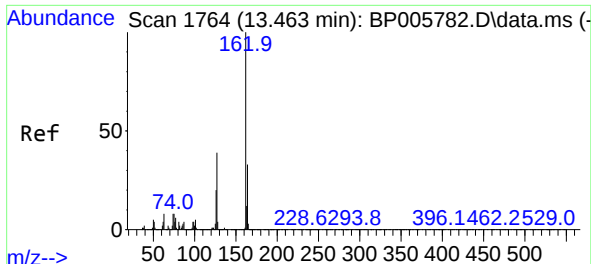
mohammad
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#46
1,1'-Biphenyl
Concen: 41.288 ng
RT: 13.387 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

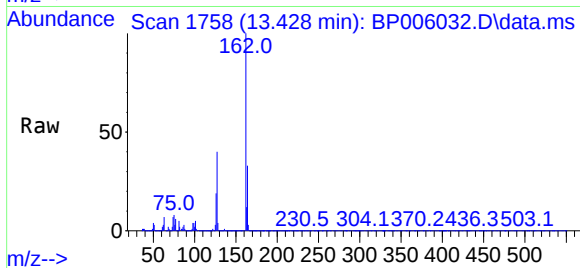
Tgt Ion:154 Resp: 555051
Ion Ratio Lower Upper
154 100
153 38.5 20.4 60.4
76 10.9 0.0 30.8





#47
2-Chloronaphthalene
Concen: 40.394 ng
RT: 13.428 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

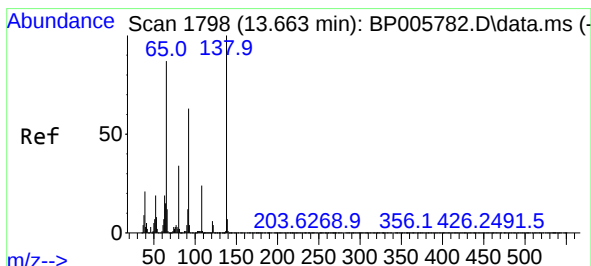
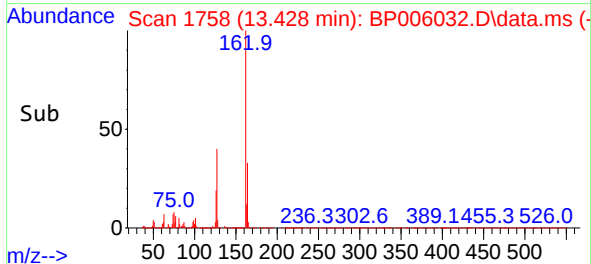
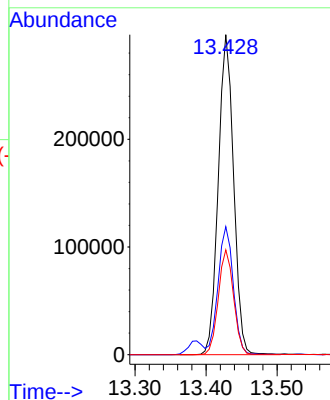
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



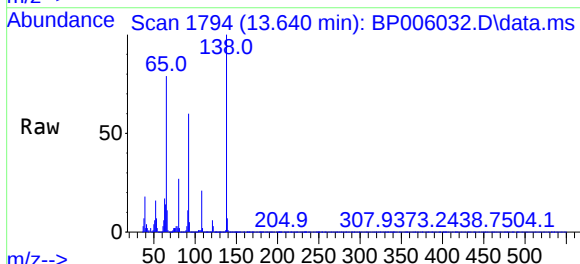
Tgt Ion:162 Resp: 443426
Ion Ratio Lower Upper
162 100
127 40.0 31.4 47.0
164 32.7 26.6 39.8

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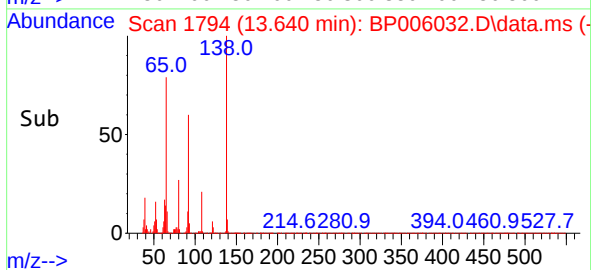
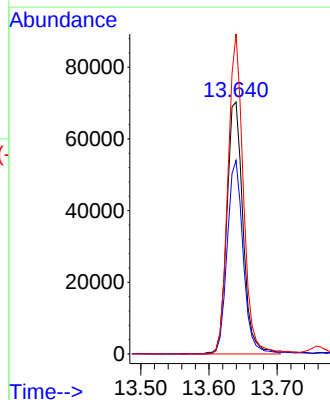
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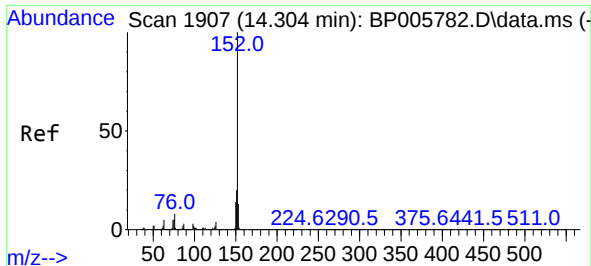


#48
2-Nitroaniline
Concen: 40.161 ng
RT: 13.640 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37



Tgt Ion: 65 Resp: 115917
Ion Ratio Lower Upper
65 100
92 76.8 57.7 86.5
138 127.0 92.1 138.1





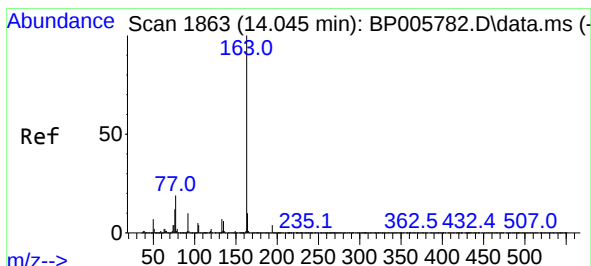
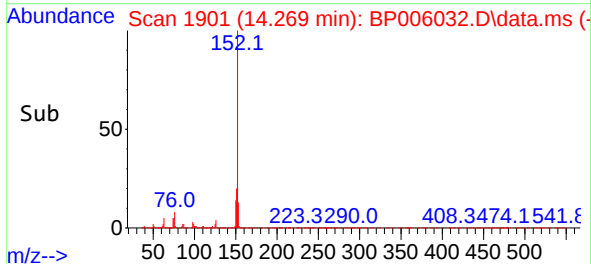
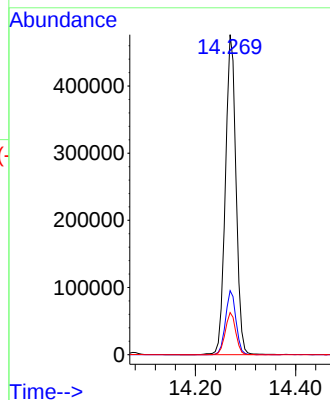
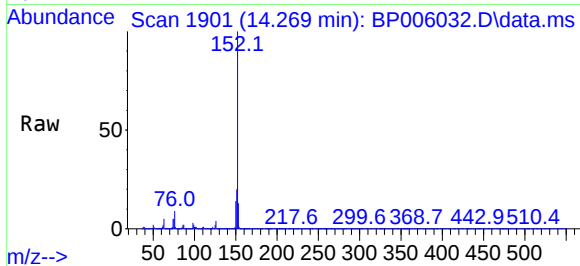
#49
Acenaphthylene
Concen: 41.531 ng
RT: 14.269 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

Tgt Ion:152 Resp: 699438
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.1 10.6 16.0

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

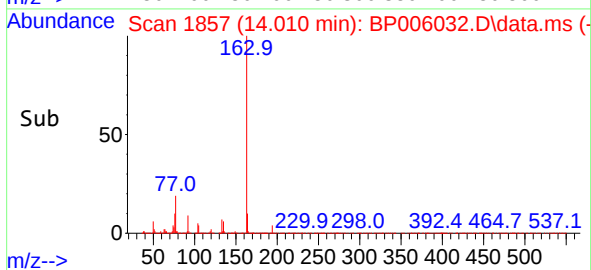
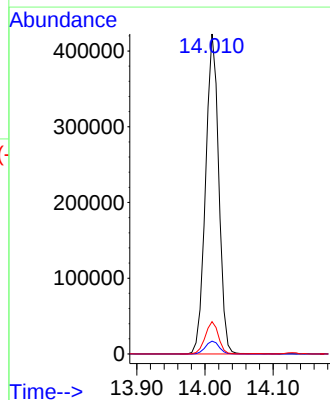
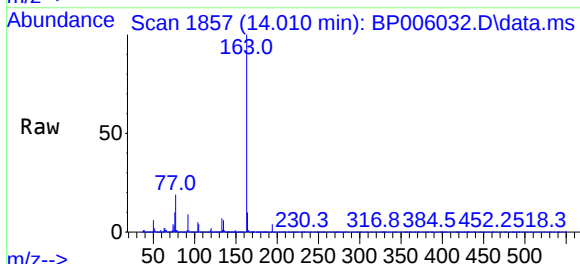
Manual Integrations
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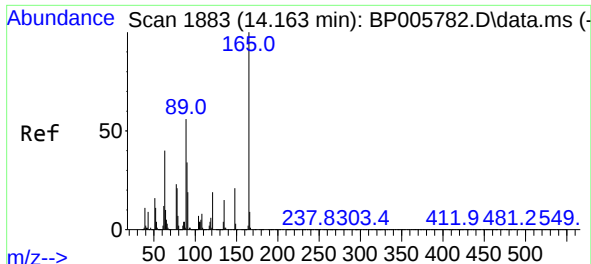
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#50
Dimethylphthalate
Concen: 41.371 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

Tgt Ion:163 Resp: 567139
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.1 8.2 12.2





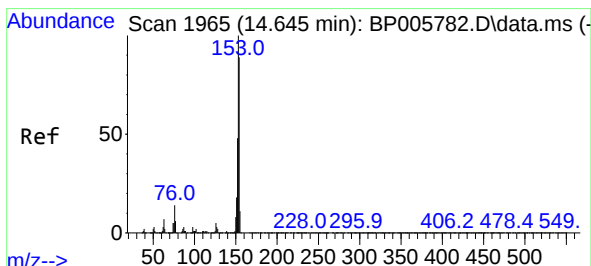
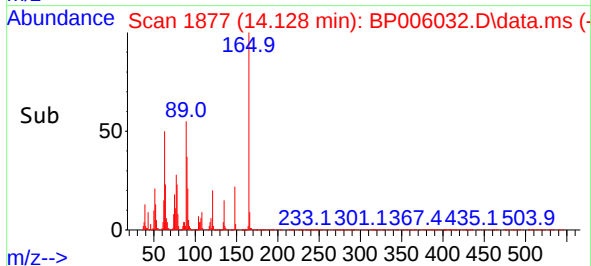
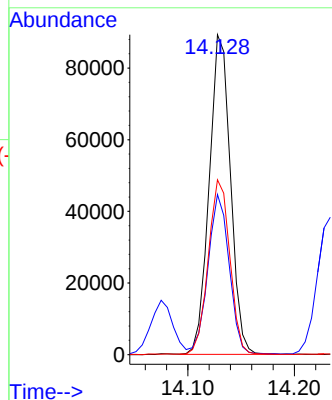
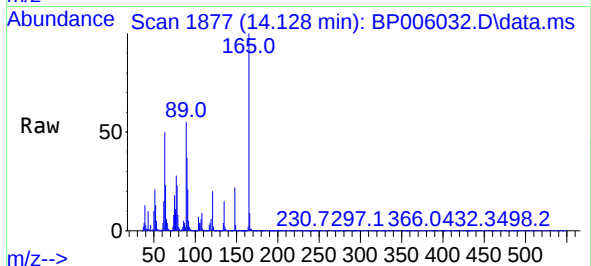
#51
2,6-Dinitrotoluene
Concen: 39.638 ng
RT: 14.128 min Scan# 1877
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

Tgt Ion:165 Resp: 123506
Ion Ratio Lower Upper
165 100
63 50.1 41.3 61.9
89 54.7 44.8 67.2

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

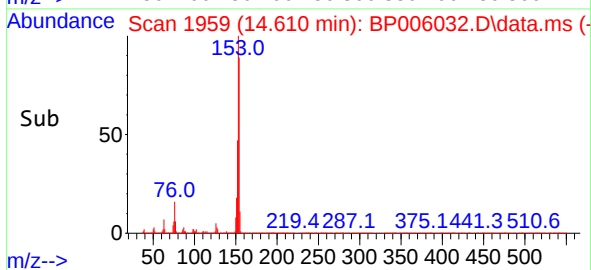
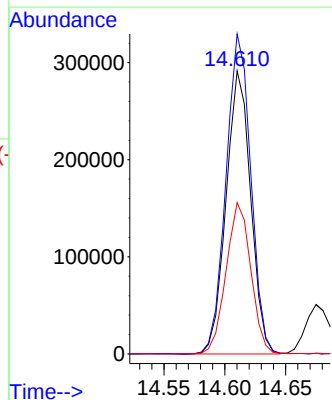
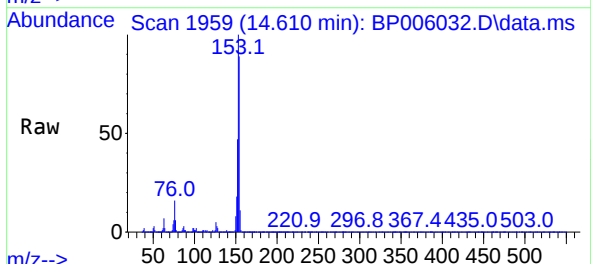
Manual Integrations
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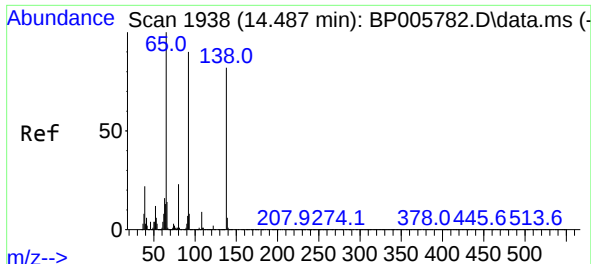
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#52
Acenaphthene
Concen: 40.018 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

Tgt Ion:154 Resp: 409281
Ion Ratio Lower Upper
154 100
153 113.0 89.4 134.2
152 53.5 43.0 64.4





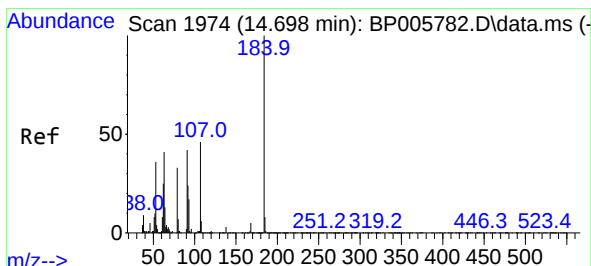
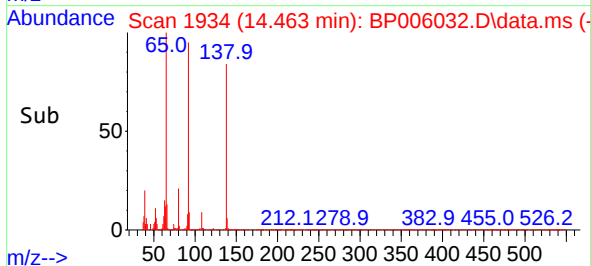
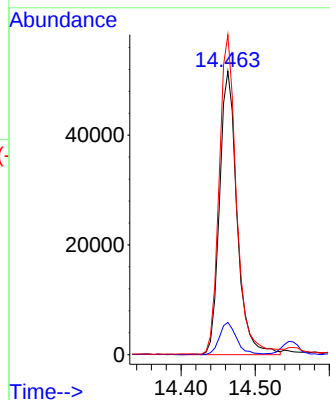
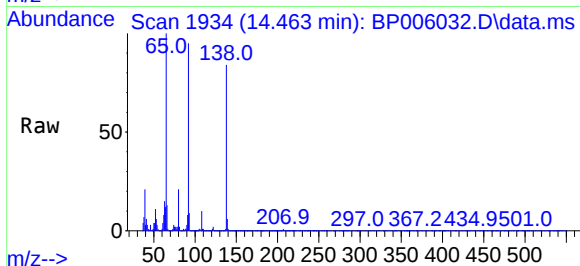
#53
3-Nitroaniline
Concen: 28.029 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

Tgt Ion:138 Resp: 84644
Ion Ratio Lower Upper
138 100
108 11.4 8.4 12.6
92 112.9 87.8 131.8

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

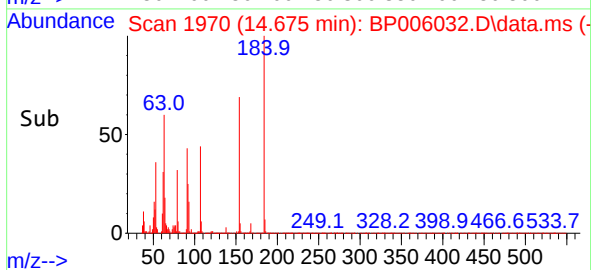
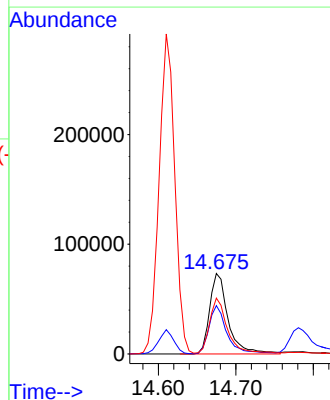
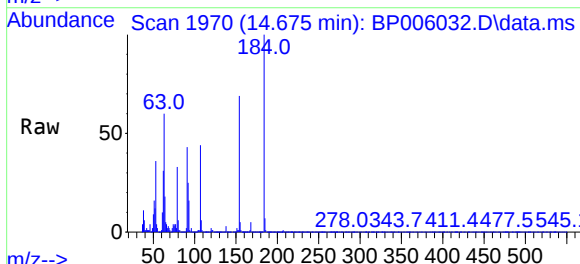
Manual Integrations
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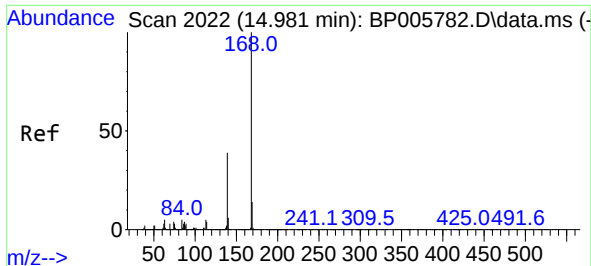
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#54
2,4-Dinitrophenol
Concen: 66.301 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

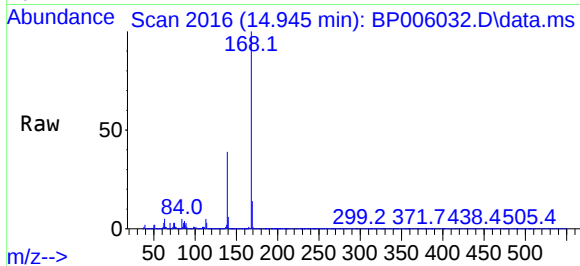
Tgt Ion:184 Resp: 121228
Ion Ratio Lower Upper
184 100
63 60.1 47.0 70.6
154 69.3 52.3 78.5





#55
Dibenzofuran
Concen: 39.236 ng
RT: 14.945 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

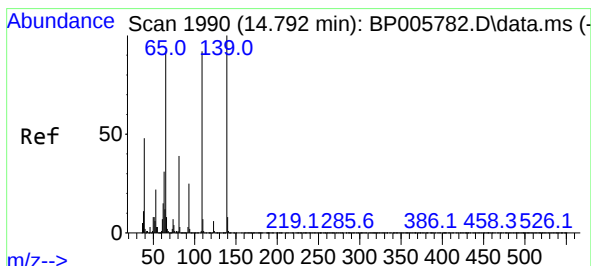
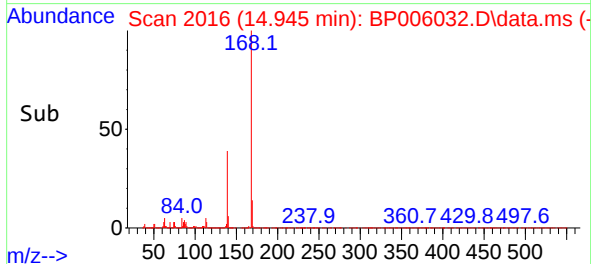
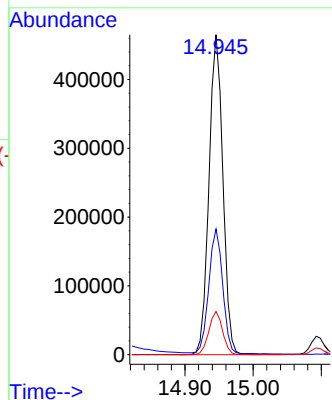
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



Tgt Ion:168 Resp: 659922
Ion Ratio Lower Upper
168 100
139 39.2 31.0 46.6
169 13.5 10.8 16.2

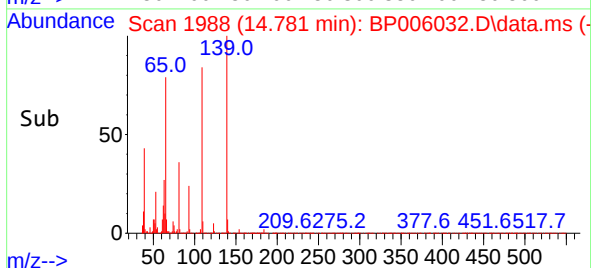
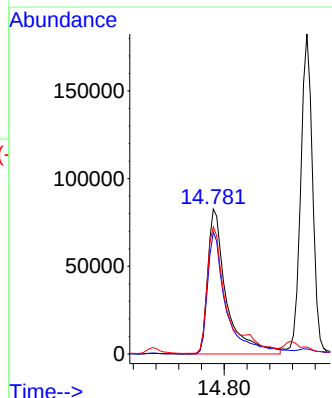
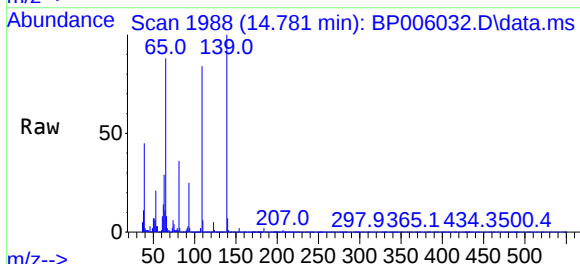
Manual Integrations
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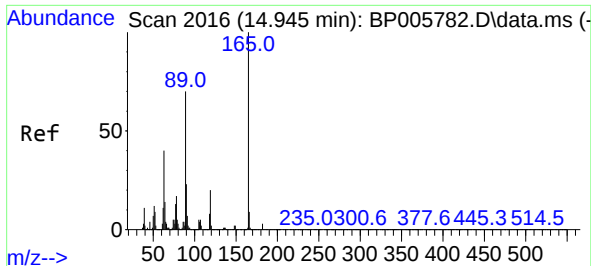
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#56
4-Nitrophenol
Concen: 76.969 ng
RT: 14.781 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

Tgt Ion:139 Resp: 188405
Ion Ratio Lower Upper
139 100
109 84.1 72.3 112.3
65 87.7 72.5 112.5





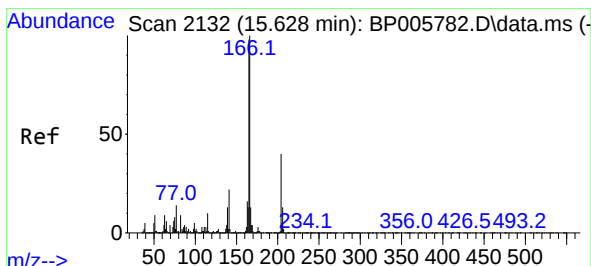
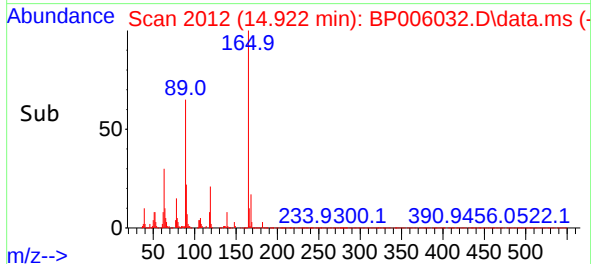
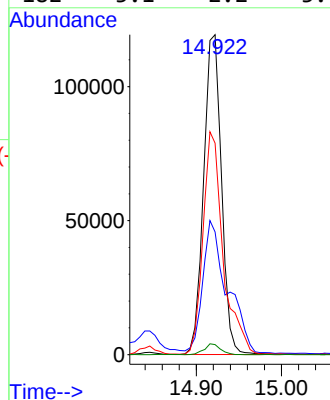
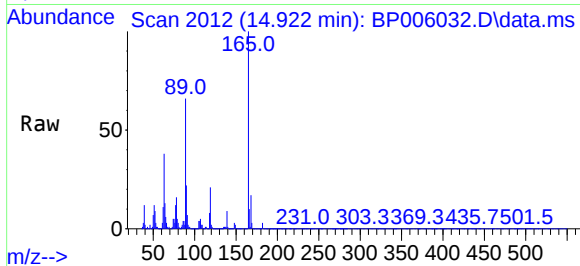
#57
2,4-Dinitrotoluene
Concen: 41.622 ng
RT: 14.922 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

Tgt Ion:	165	Resp:	173454
Ion Ratio	Lower	Upper	
165	100		
63	38.3	32.3	48.5
89	66.1	55.9	83.9
182	3.1	2.2	3.4

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

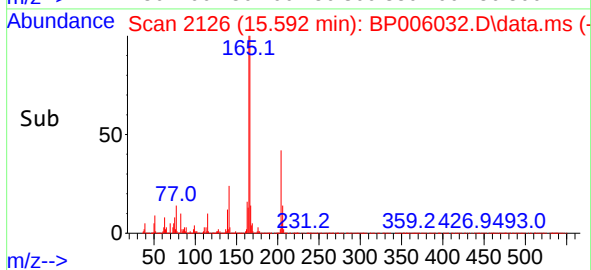
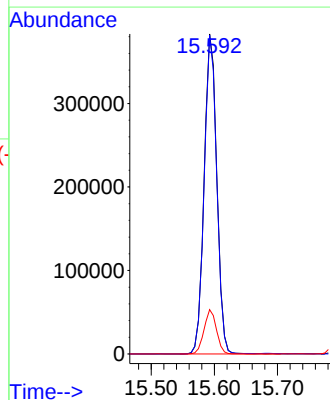
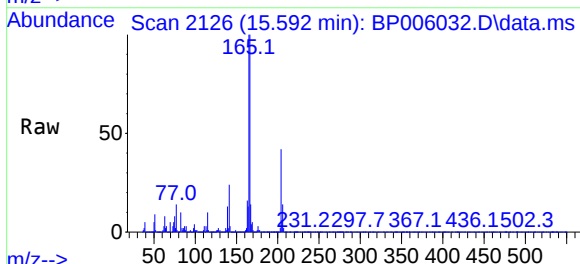
Manual Integrations
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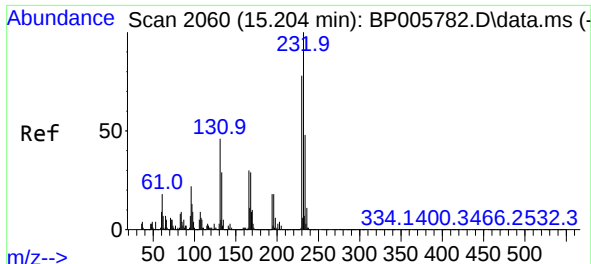
mohammad
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#58
Fluorene
Concen: 40.628 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

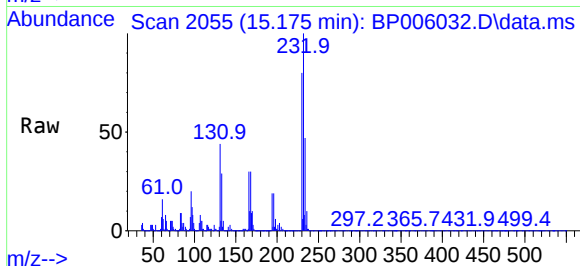
Tgt Ion:	166	Resp:	532422
Ion Ratio	Lower	Upper	
166	100		
165	99.6	78.0	117.0
167	13.9	10.5	15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.078 ng m
RT: 15.175 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

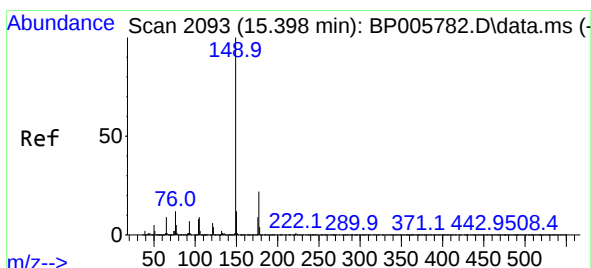
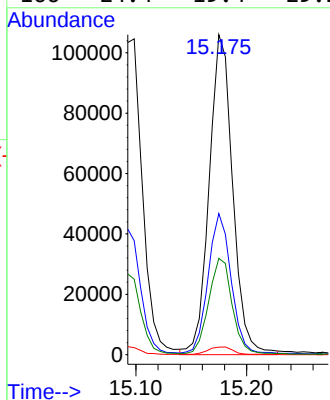
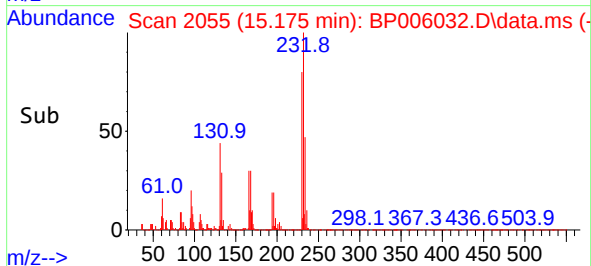
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



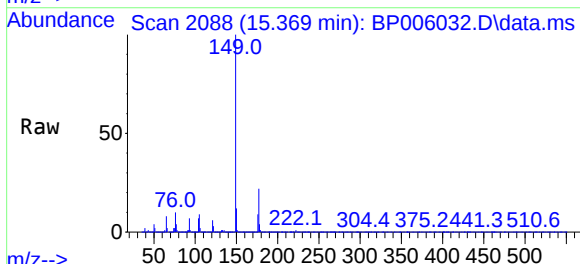
Tgt Ion:232 Resp: 156949
Ion Ratio Lower Upper
232 100
131 38.2 32.2 48.4
130 2.4 2.0 3.0
166 24.4 19.4 29.2

Manual Integrations
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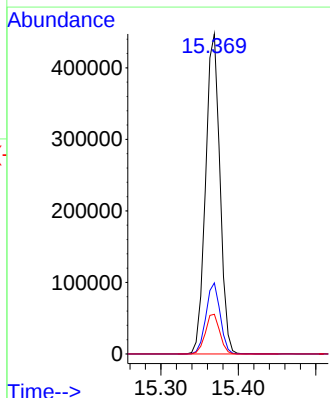
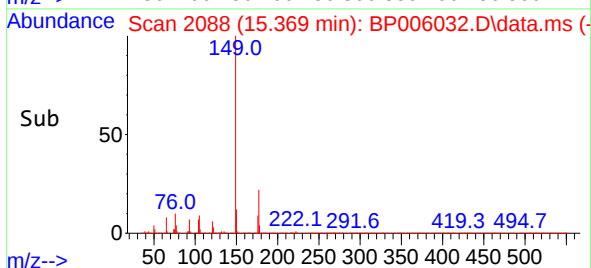
mohammad
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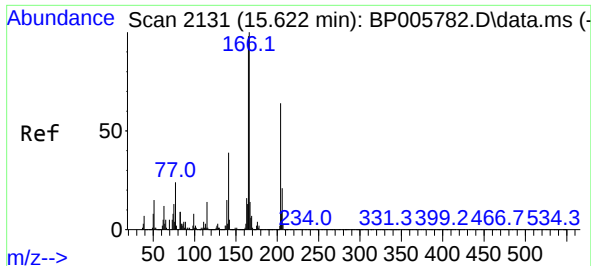


#60
Diethylphthalate
Concen: 41.663 ng
RT: 15.369 min Scan# 2088
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37



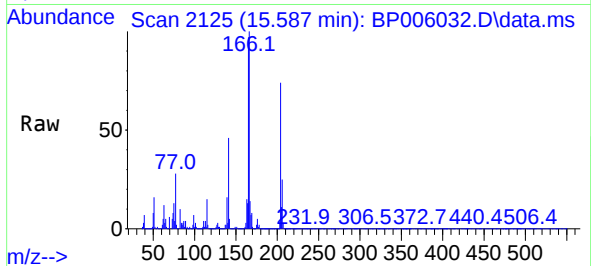
Tgt Ion:149 Resp: 573030
Ion Ratio Lower Upper
149 100
177 22.2 17.5 26.3
150 12.4 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 40.153 ng
RT: 15.587 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

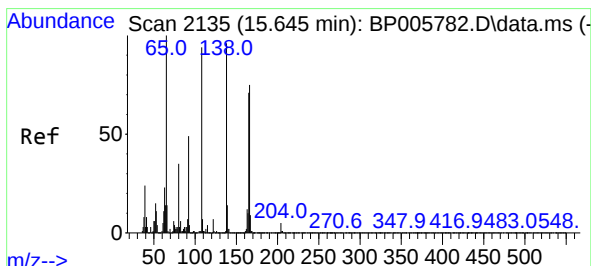
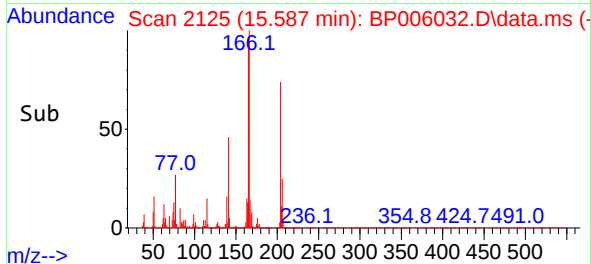
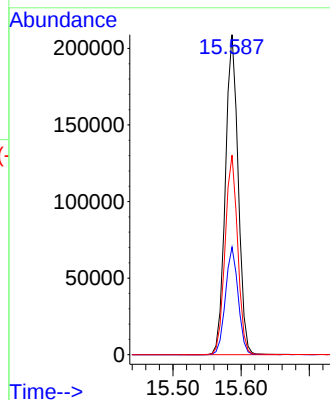
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



Tgt Ion:204 Resp: 272859
Ion Ratio Lower Upper
204 100
206 33.6 26.6 40.0
141 62.3 48.6 73.0

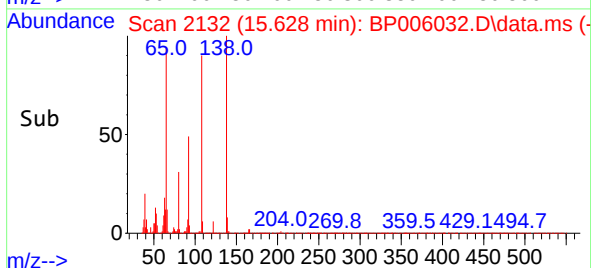
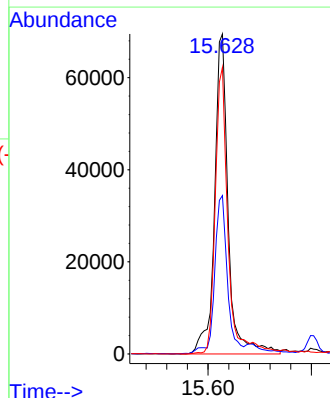
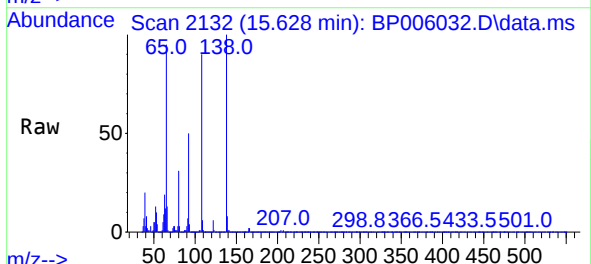
Manual Integrations
APPROVED

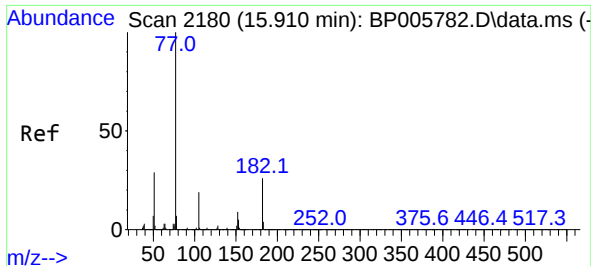
mohammad
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#62
4-Nitroaniline
Concen: 40.979 ng
RT: 15.628 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

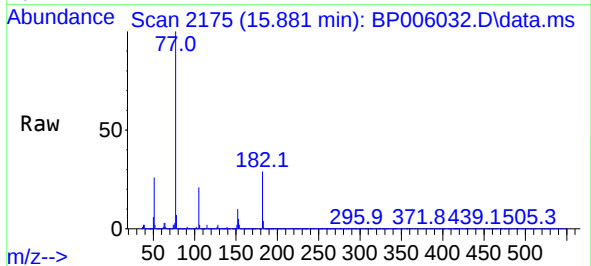
Tgt Ion:138 Resp: 127378
Ion Ratio Lower Upper
138 100
92 49.5 31.2 71.2
108 89.5 78.6 118.6





#63
Azobenzene
Concen: 39.896 ng
RT: 15.881 min Scan# 2175
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

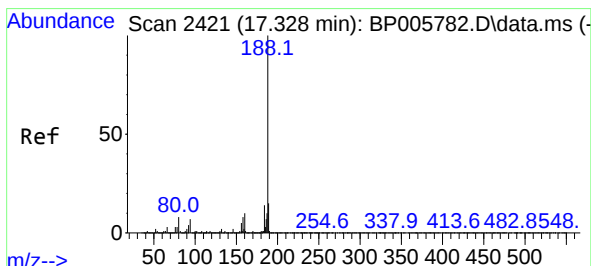
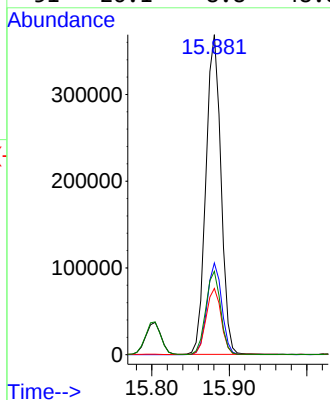
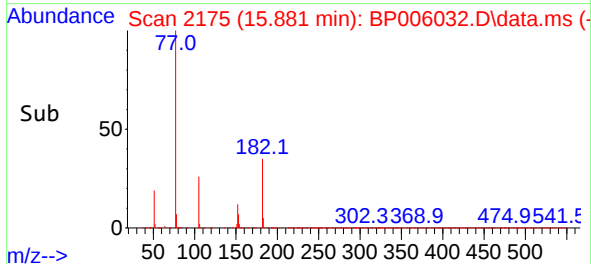
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



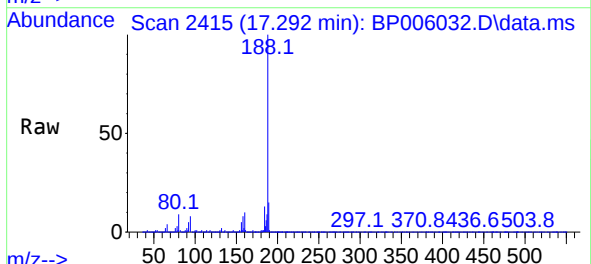
Tgt Ion: 77 Resp: 496437
Ion Ratio Lower Upper
77 100
182 28.7 6.0 46.0
105 20.7 0.0 38.8
51 26.1 8.8 48.8

Manual Integrations
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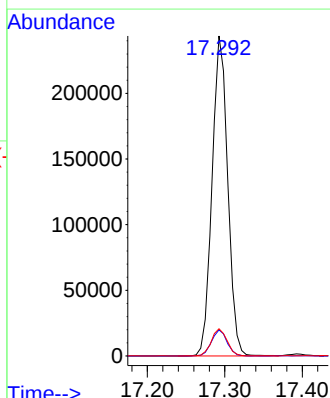
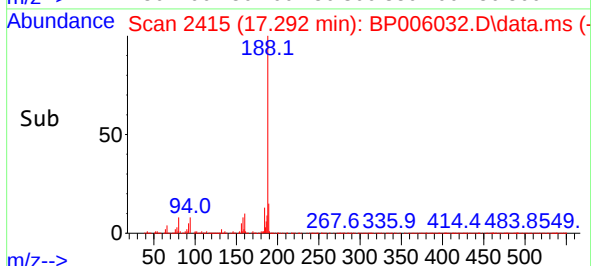
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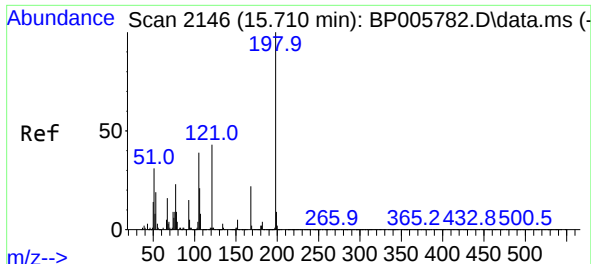


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37



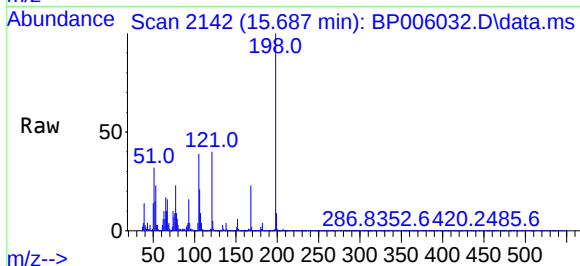
Tgt Ion: 188 Resp: 343320
Ion Ratio Lower Upper
188 100
94 8.1 5.6 8.4
80 8.5 6.3 9.5





#65
4,6-Dinitro-2-methylphenol
Concen: 35.288 ng
RT: 15.687 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

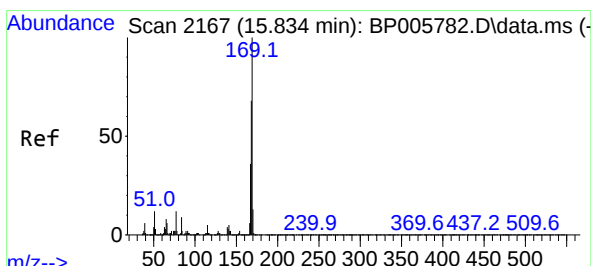
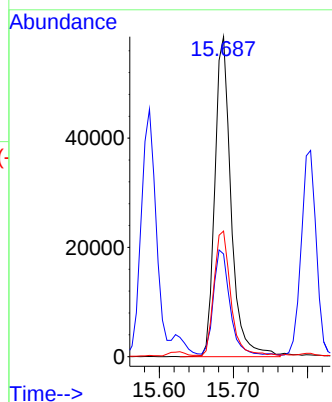
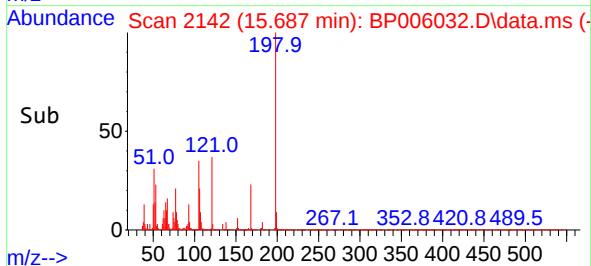
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



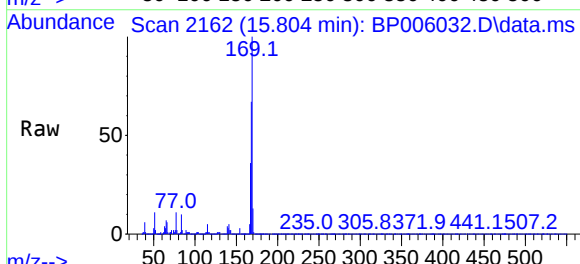
Tgt Ion:198 Resp: 89029
Ion Ratio Lower Upper
198 100
51 32.1 14.0 54.0
105 39.2 19.5 59.5

Manual Integrations
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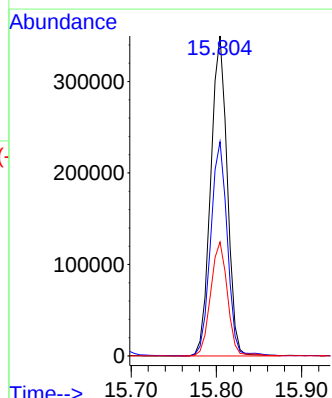
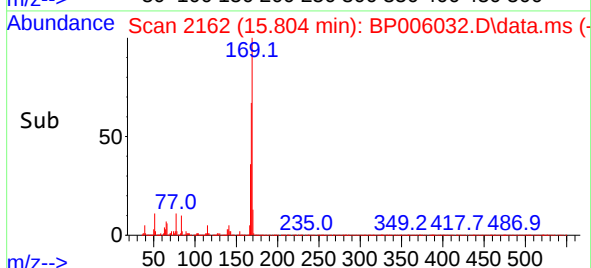
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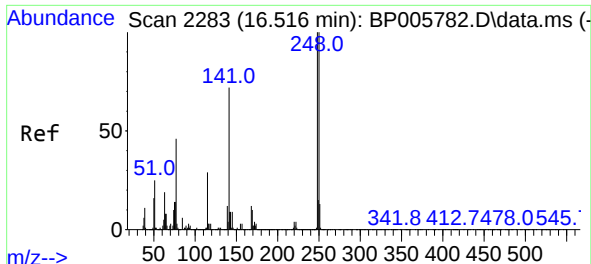


#66
n-Nitrosodiphenylamine
Concen: 41.298 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37



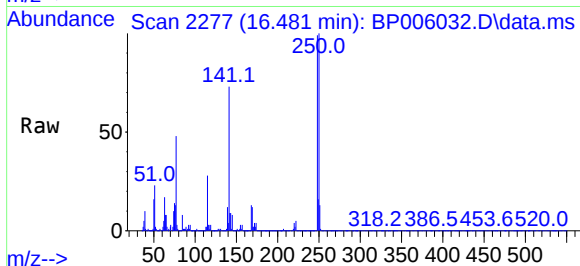
Tgt Ion:169 Resp: 470177
Ion Ratio Lower Upper
169 100
168 66.9 54.4 81.6
167 35.6 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 41.238 ng
RT: 16.481 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

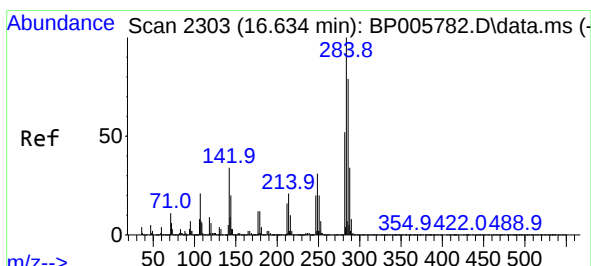
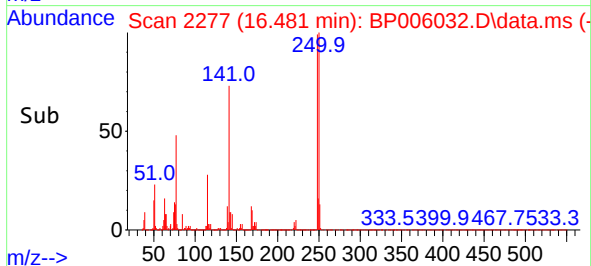
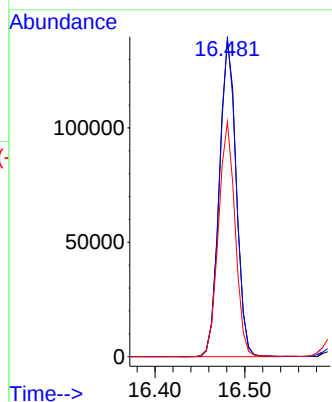
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



Tgt Ion:248 Resp: 181717
Ion Ratio Lower Upper
248 100
250 101.2 79.8 119.8
141 74.2 57.8 86.6

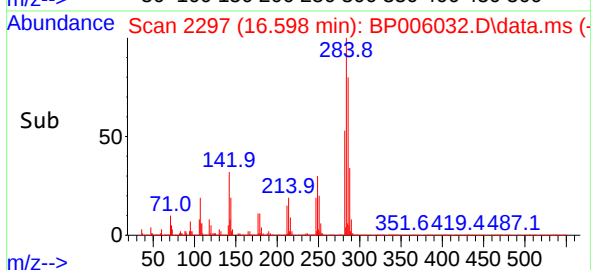
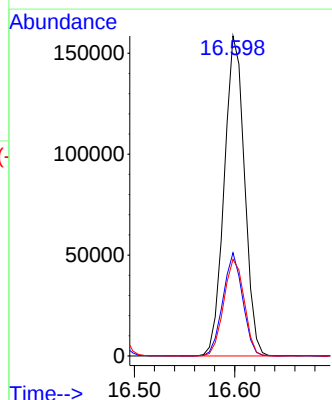
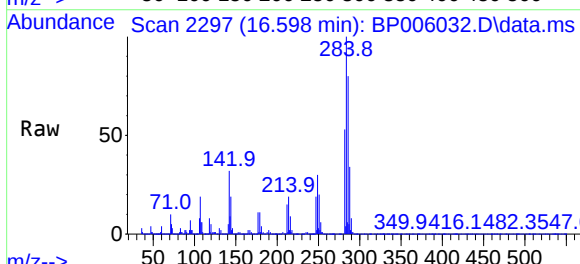
Manual Integrations
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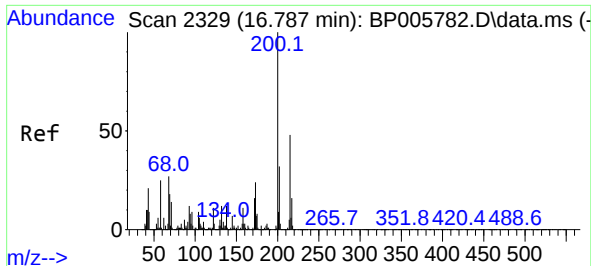
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#68
Hexachlorobenzene
Concen: 42.147 ng
RT: 16.598 min Scan# 2297
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

Tgt Ion:284 Resp: 222617
Ion Ratio Lower Upper
284 100
142 32.3 26.9 40.3
249 30.2 24.5 36.7





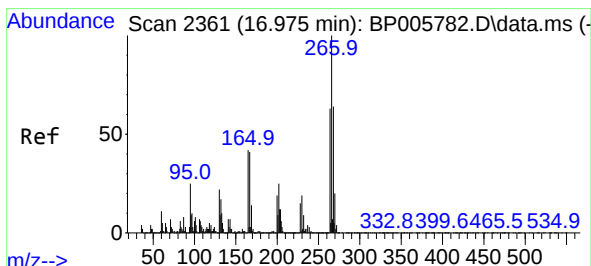
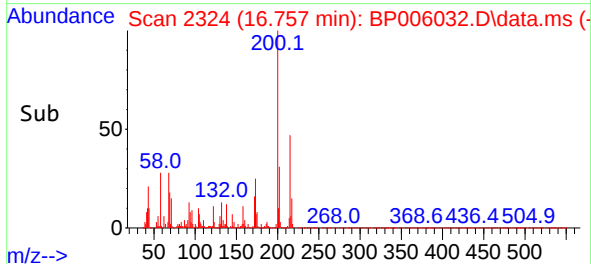
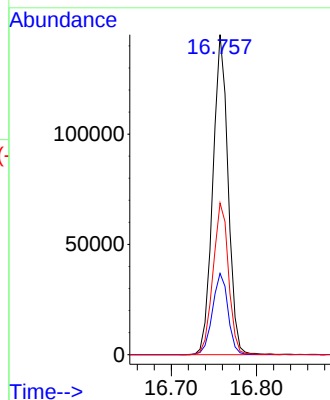
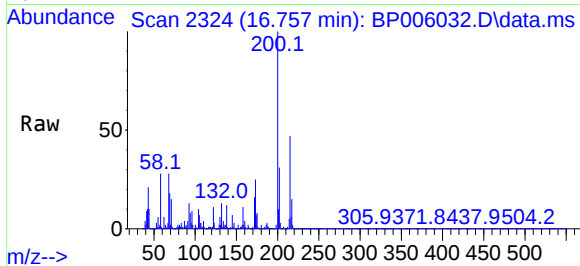
#69
Atrazine
Concen: 51.036 ng
RT: 16.757 min Scan# 2324
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

Tgt Ion:200 Resp: 180774
Ion Ratio Lower Upper
200 100
173 25.4 4.1 44.1
215 47.4 27.7 67.7

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

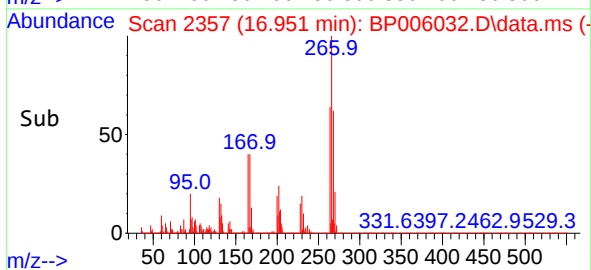
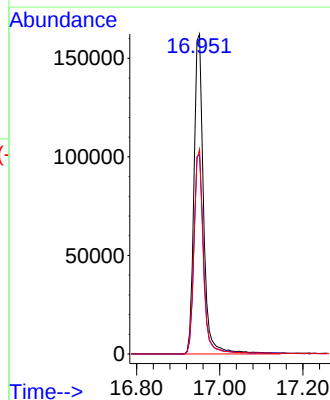
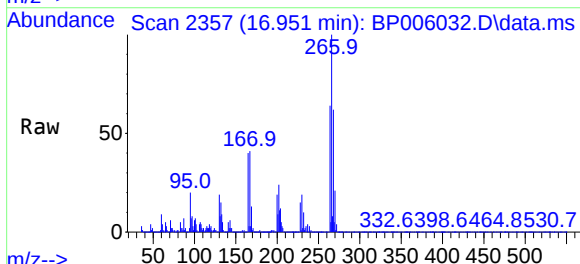
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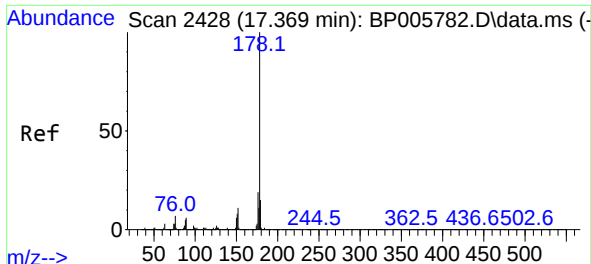
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#70
Pentachlorophenol
Concen: 88.021 ng
RT: 16.951 min Scan# 2357
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

Tgt Ion:266 Resp: 258509
Ion Ratio Lower Upper
266 100
268 62.3 51.6 77.4
264 64.0 50.3 75.5





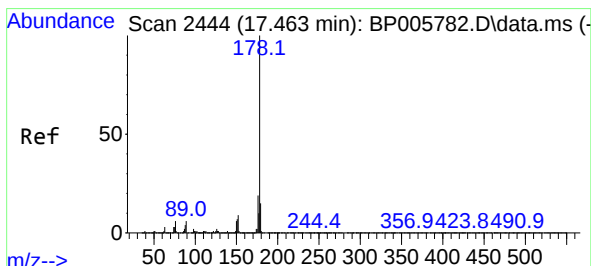
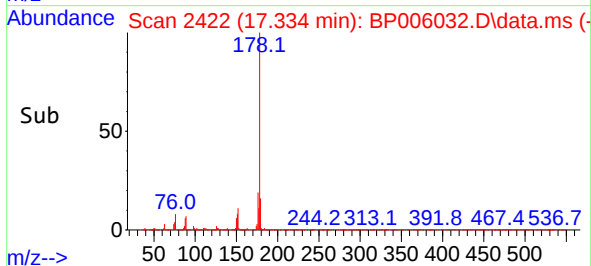
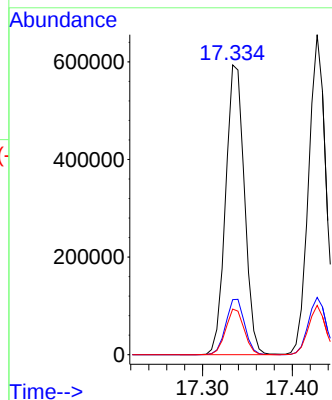
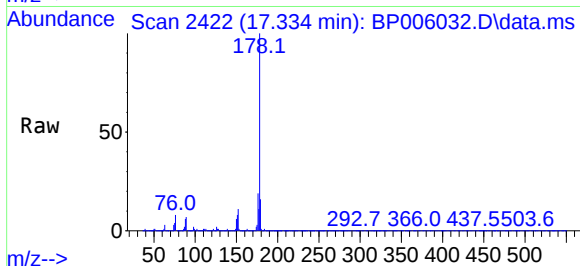
#71
Phenanthrene
Concen: 41.864 ng
RT: 17.334 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

Tgt Ion:178 Resp: 863149
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.7 12.4 18.6

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

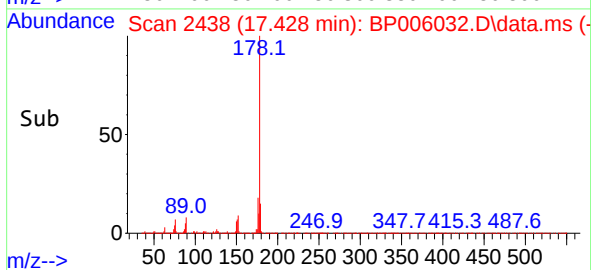
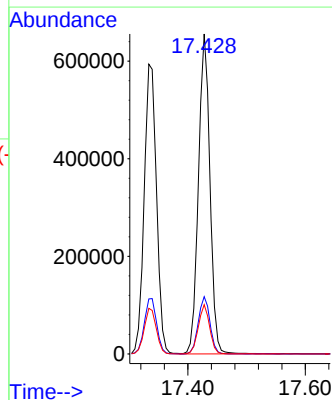
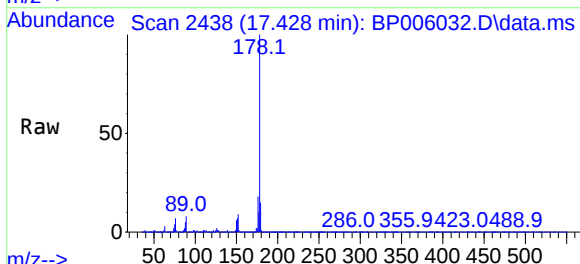
Manual Integrations
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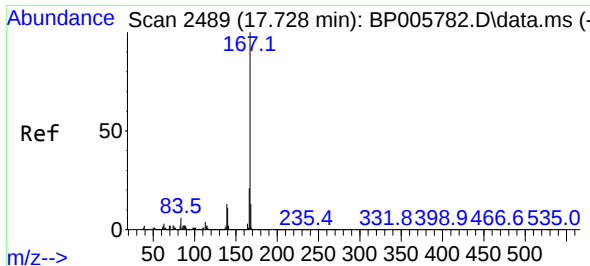
mohammad
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#72
Anthracene
Concen: 43.825 ng
RT: 17.428 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

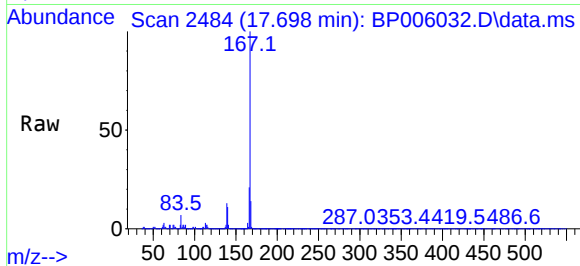
Tgt Ion:178 Resp: 889296
Ion Ratio Lower Upper
178 100
176 17.9 14.9 22.3
179 15.4 12.2 18.2





#73
Carbazole
Concen: 41.211 ng
RT: 17.698 min Scan# 2484
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

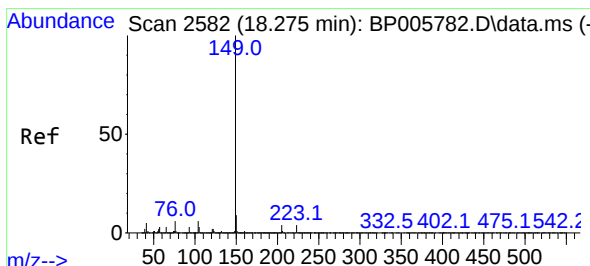
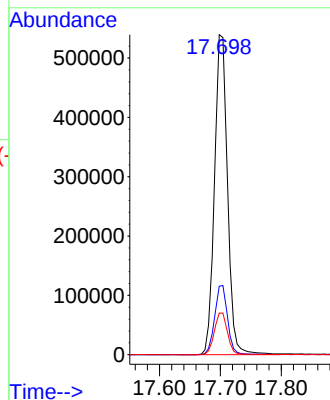
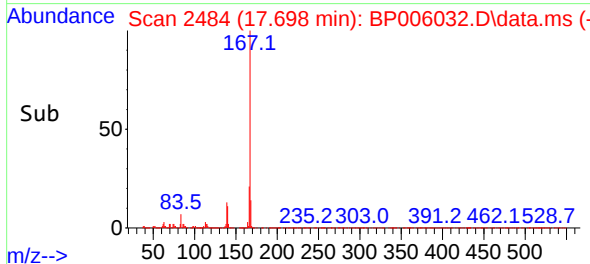
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



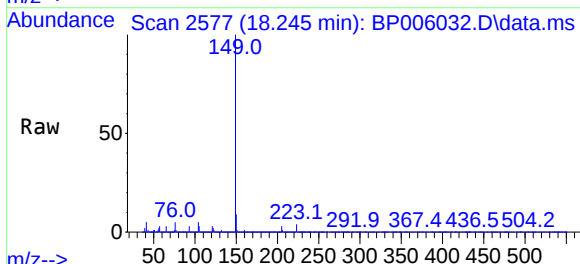
Tgt Ion:167 Resp: 802883
Ion Ratio Lower Upper
167 100
166 21.4 17.1 25.7
139 13.0 10.7 16.1

Manual Integrations
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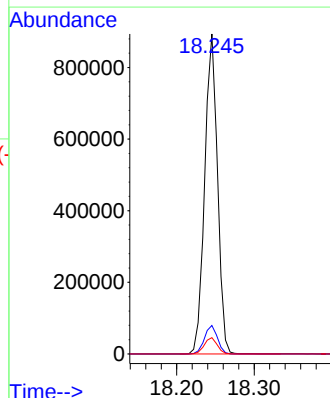
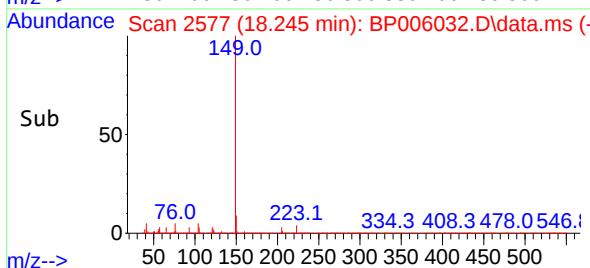
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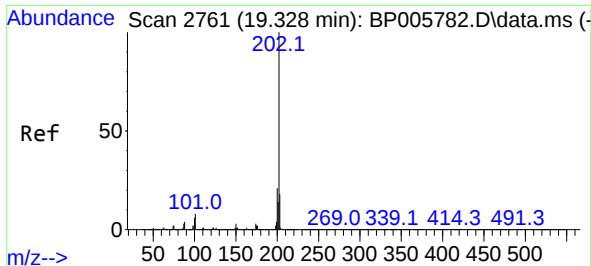


#74
Di-n-butylphthalate
Concen: 45.335 ng
RT: 18.245 min Scan# 2577
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37



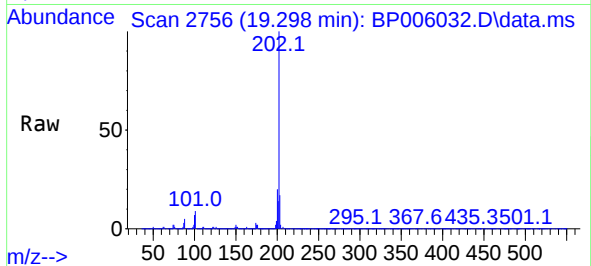
Tgt Ion:149 Resp: 1023295
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 5.1 4.5 6.7





#75
Fluoranthene
Concen: 42.869 ng
RT: 19.298 min Scan# 2756
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

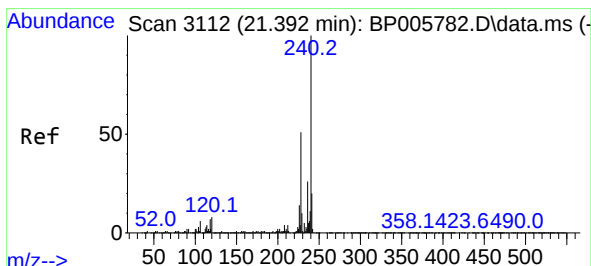
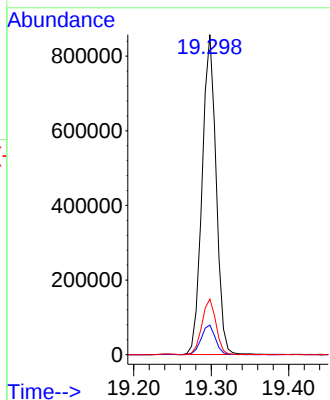
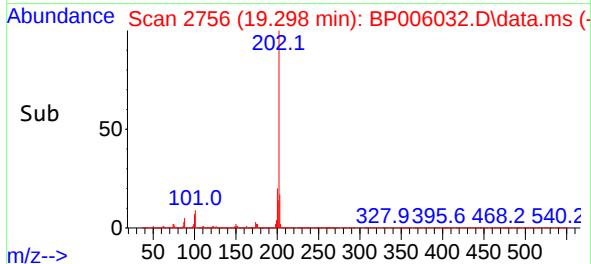
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



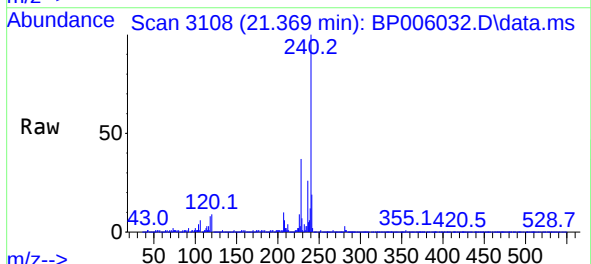
Tgt Ion:202 Resp: 1073384
Ion Ratio Lower Upper
202 100
101 9.2 0.0 27.6
203 17.4 0.0 37.8

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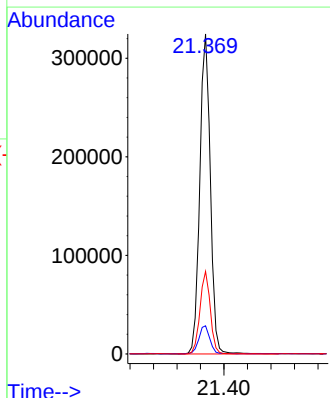
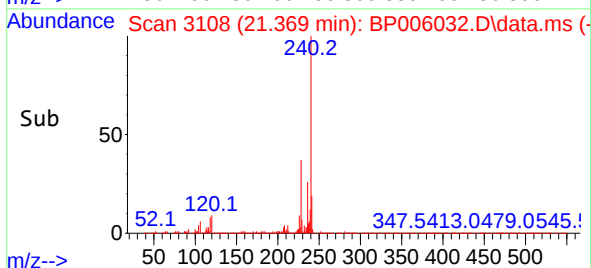
mohammad
6/24/2021 9:51:37 AM

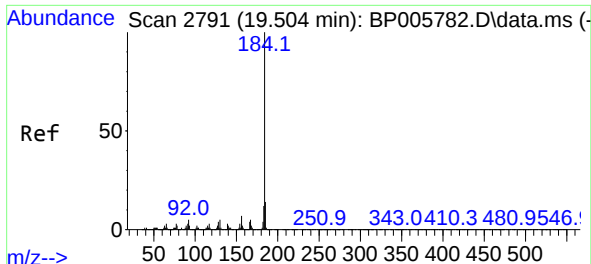


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.369 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37



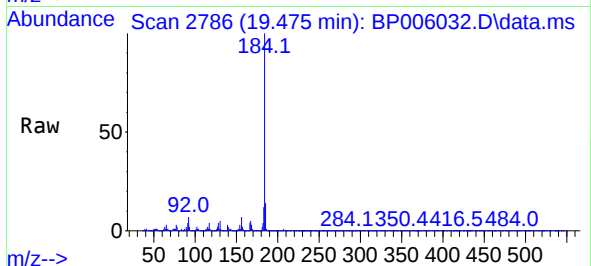
Tgt Ion:240 Resp: 404552
Ion Ratio Lower Upper
240 100
120 8.8 6.5 9.7
236 25.8 20.6 31.0





#77
Benzidine
Concen: 76.217 ng
RT: 19.475 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

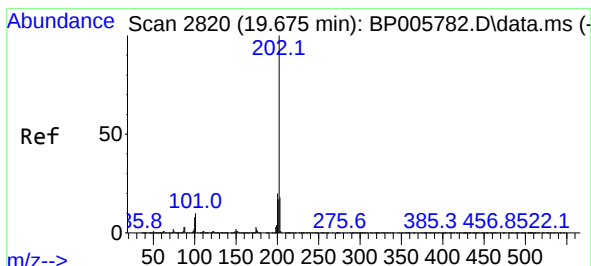
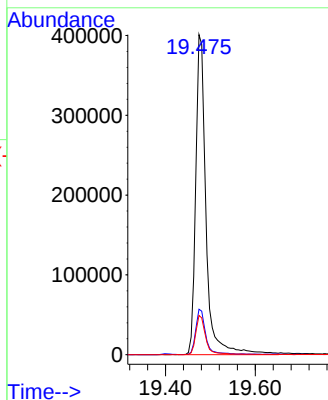
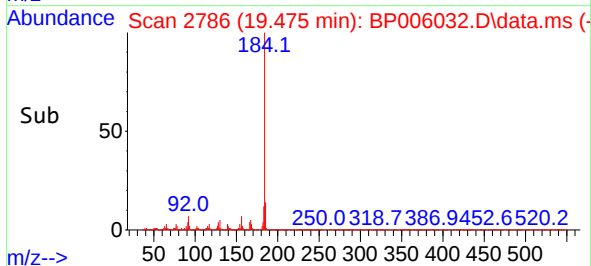
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



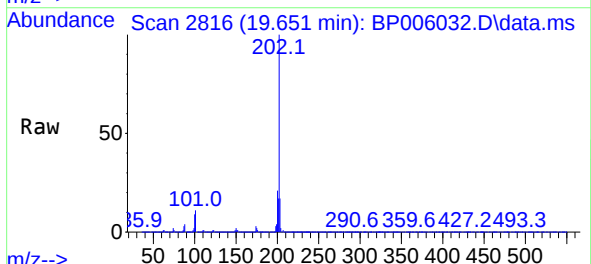
Tgt Ion:184 Resp: 641592
Ion Ratio Lower Upper
184 100
185 14.2 11.0 16.4
183 12.3 9.5 14.3

Manual Integrations
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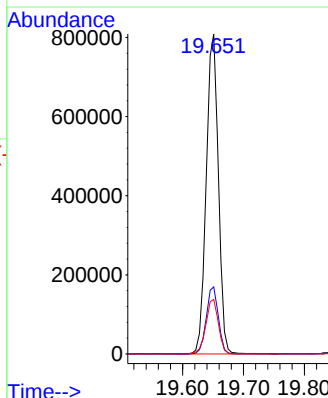
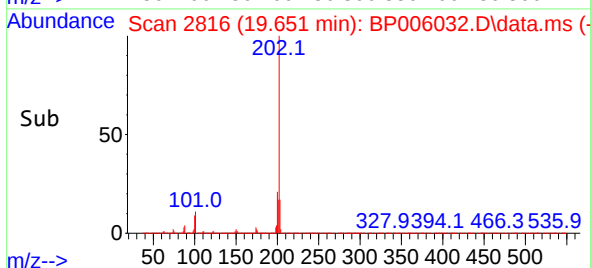
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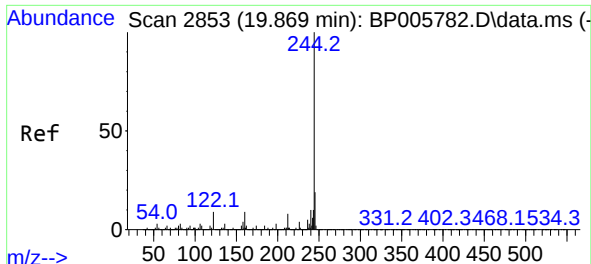


#78
Pyrene
Concen: 39.628 ng
RT: 19.651 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37



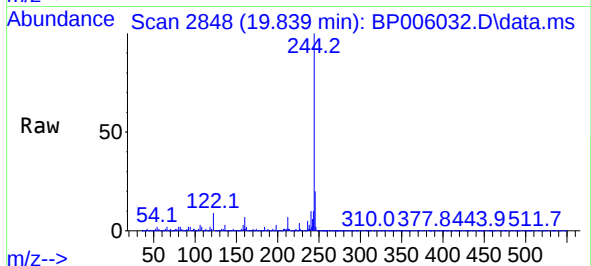
Tgt Ion:202 Resp: 1119198
Ion Ratio Lower Upper
202 100
200 21.0 16.3 24.5
203 17.1 14.2 21.2





#79
 Terphenyl-d14
 Concen: 56.693 ng
 RT: 19.839 min Scan# 2848
 Delta R.T. -0.006 min
 Lab File: BP006032.D
 Acq: 23 Jun 2021 13:37

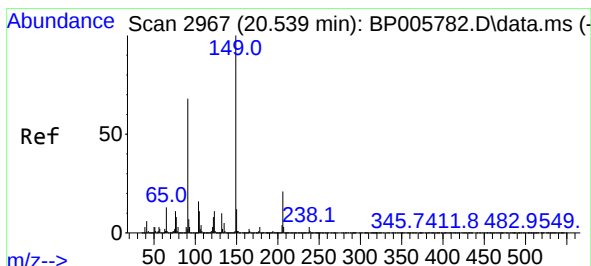
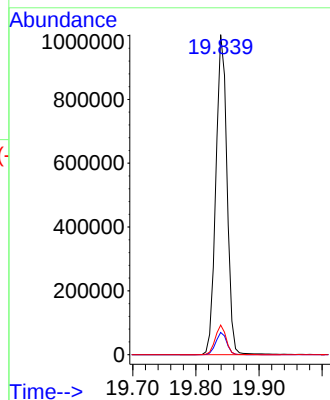
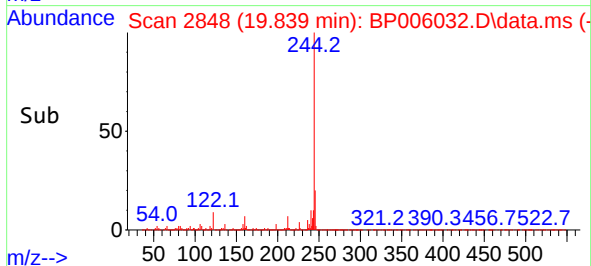
Instrument :
 BNA_P
 ClientSampleId :
 RIG-DRILL-CUTTING-DRUMS-1-7M



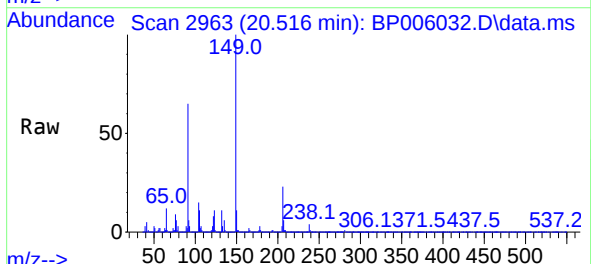
Tgt Ion:244 Resp: 1224865
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.2 7.1 10.7

Manual Integrations
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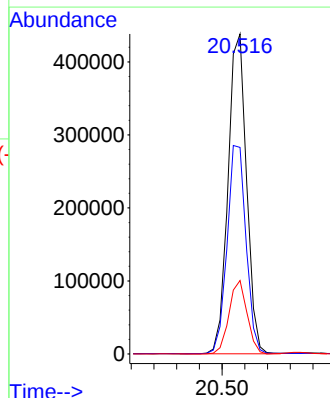
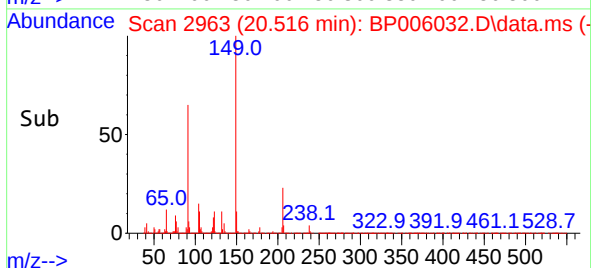
mohammad
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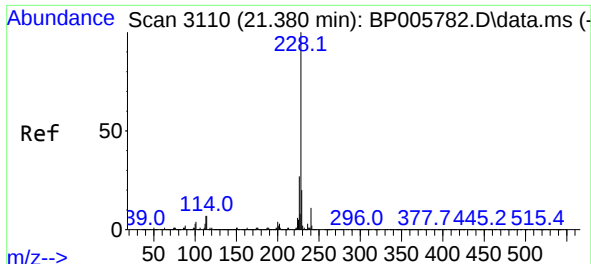


#80
 Butylbenzylphthalate
 Concen: 42.625 ng
 RT: 20.516 min Scan# 2963
 Delta R.T. -0.000 min
 Lab File: BP006032.D
 Acq: 23 Jun 2021 13:37



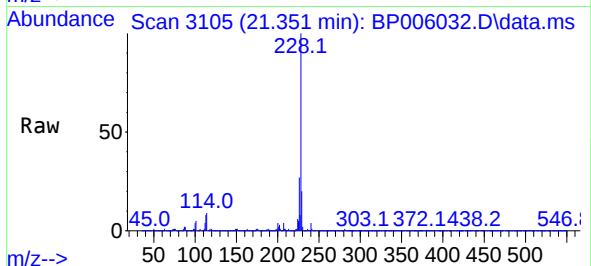
Tgt Ion:149 Resp: 495266
 Ion Ratio Lower Upper
 149 100
 91 64.5 54.6 81.8
 206 23.0 16.7 25.1





#81
Benzo(a)anthracene
Concen: 39.933 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

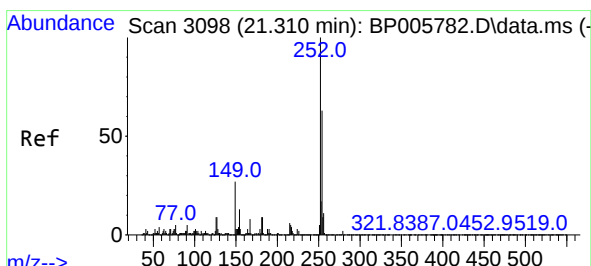
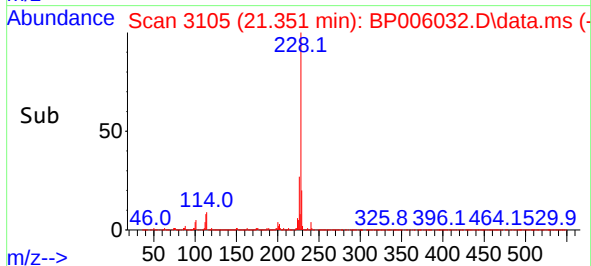
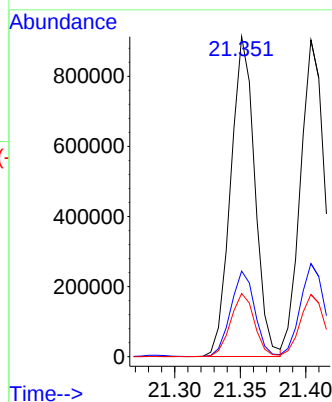
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



Tgt Ion:228 Resp: 1166162
Ion Ratio Lower Upper
228 100
226 26.7 21.6 32.4
229 19.7 15.8 23.6

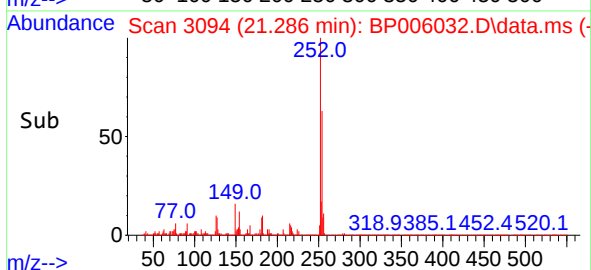
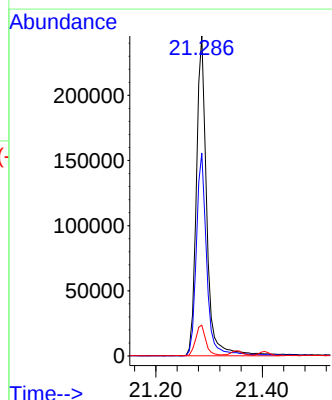
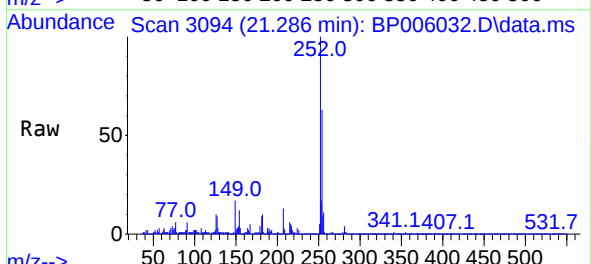
Manual Integrations
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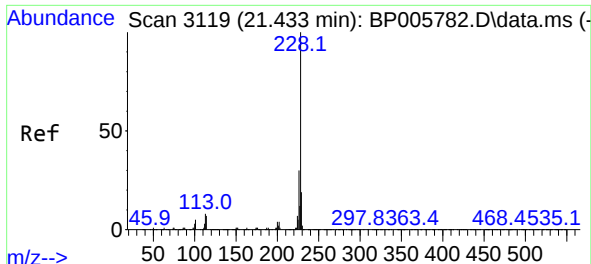
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#82
3,3'-Dichlorobenzidine
Concen: 32.775 ng
RT: 21.286 min Scan# 3094
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

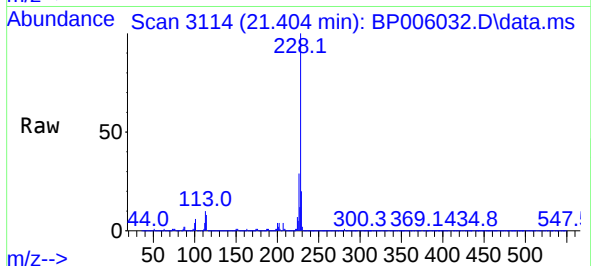
Tgt Ion:252 Resp: 330908
Ion Ratio Lower Upper
252 100
254 63.4 50.6 76.0
126 9.6 7.0 10.6





#83
Chrysene
Concen: 40.865 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

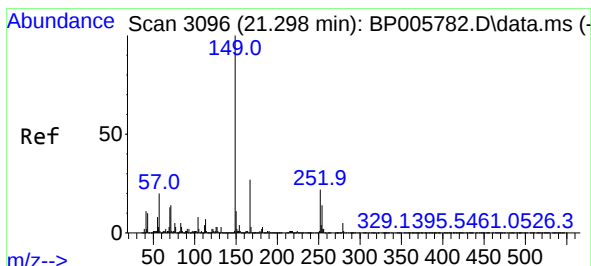
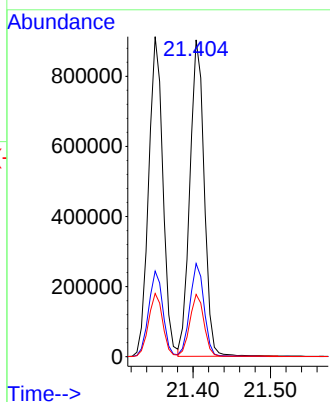
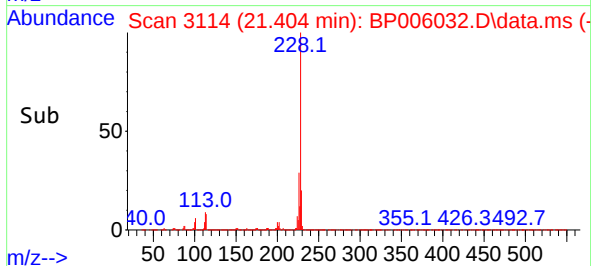
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



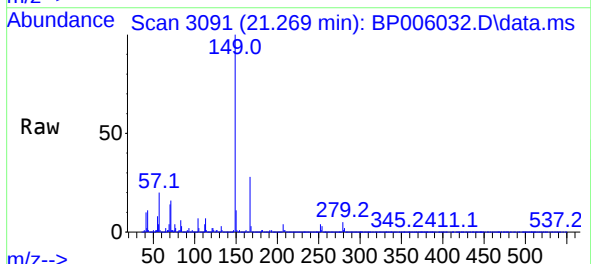
Tgt Ion:228 Resp: 1155857
Ion Ratio Lower Upper
228 100
226 29.4 23.8 35.6
229 19.7 15.4 23.2

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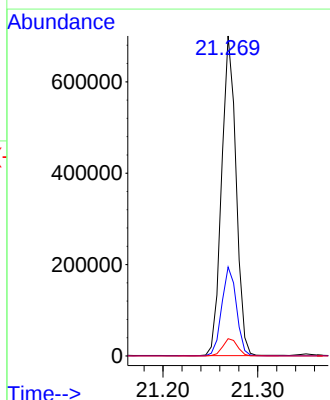
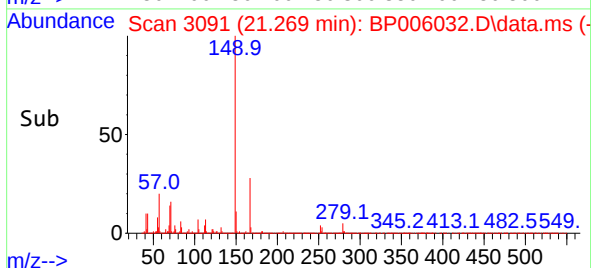
mohammad
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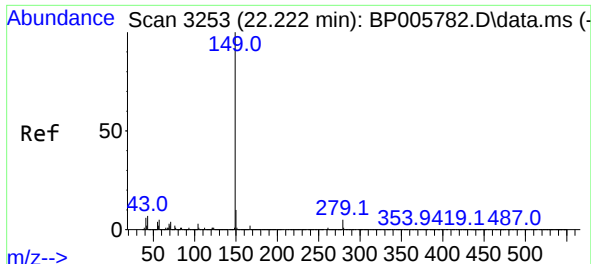


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.713 ng
RT: 21.269 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37



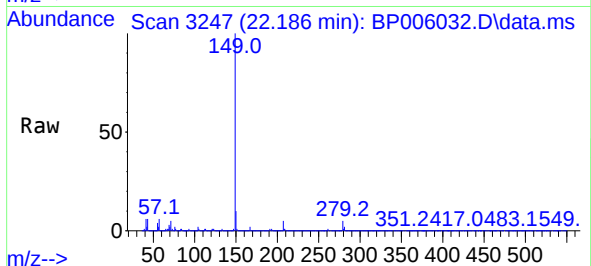
Tgt Ion:149 Resp: 744905
Ion Ratio Lower Upper
149 100
167 27.8 21.9 32.9
279 5.4 4.3 6.5





#85
Di-n-octyl phthalate
Concen: 43.321 ng
RT: 22.186 min Scan# 3247
Delta R.T. -0.006 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

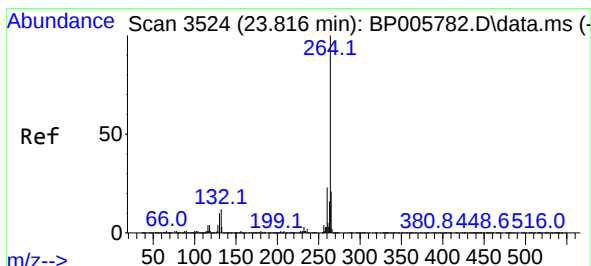
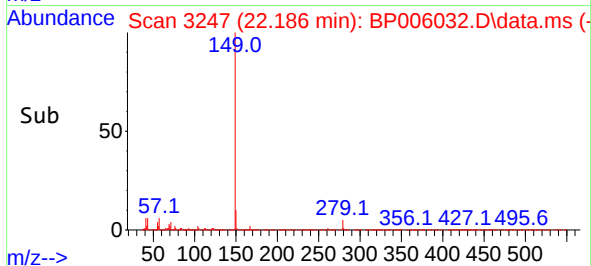
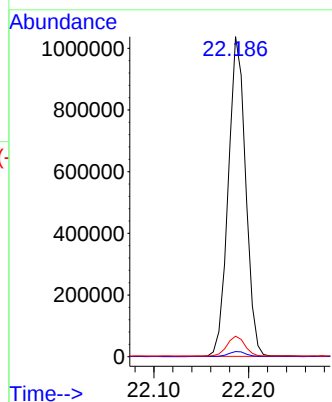
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



Tgt Ion:149 Resp: 1320641
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 6.3 5.6 8.4

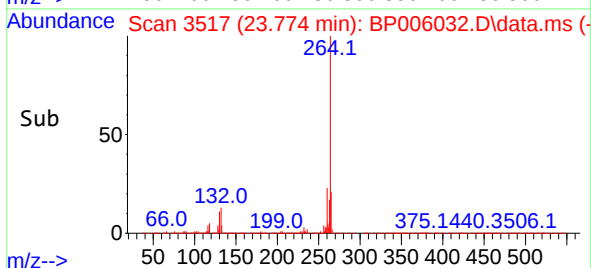
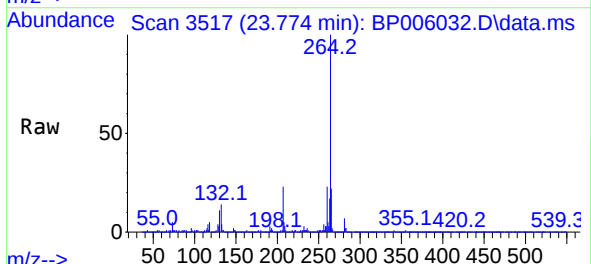
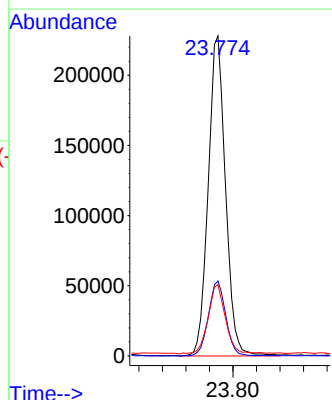
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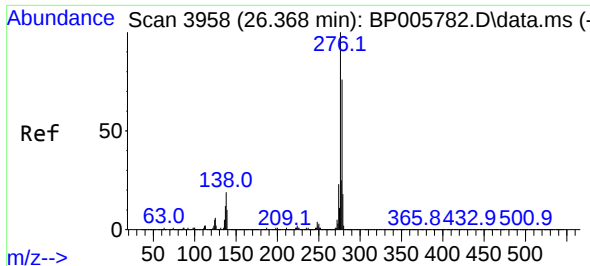
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3517
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

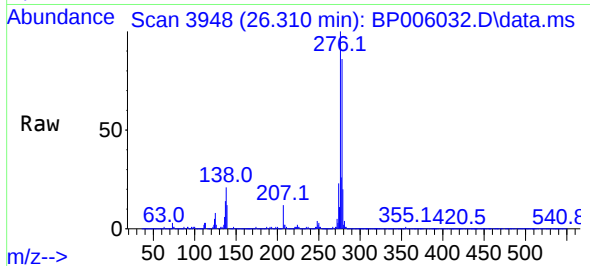
Tgt Ion:264 Resp: 466402
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 22.2 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.401 ng
RT: 26.310 min Scan# 3948
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

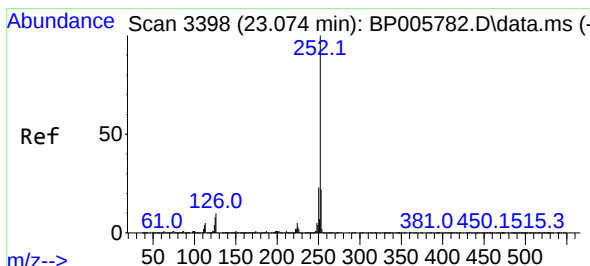
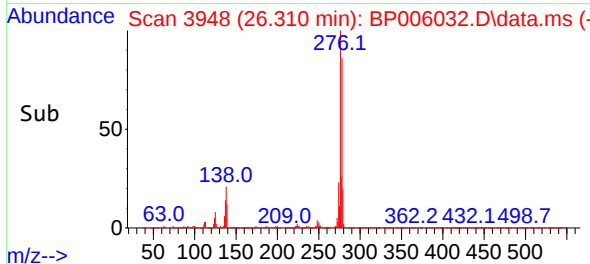
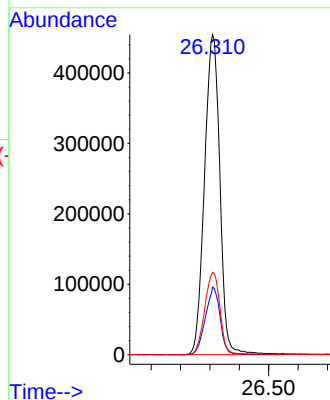
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



Tgt Ion: 276 Resp: 1651241
Ion Ratio Lower Upper
276 100
138 20.2 15.3 22.9
277 25.5 20.4 30.6

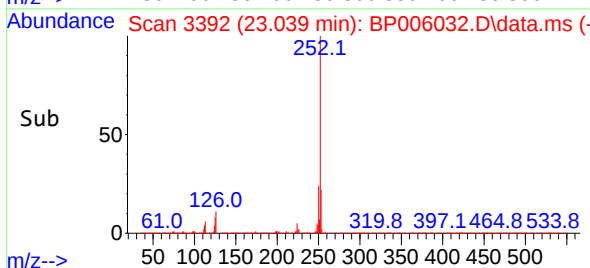
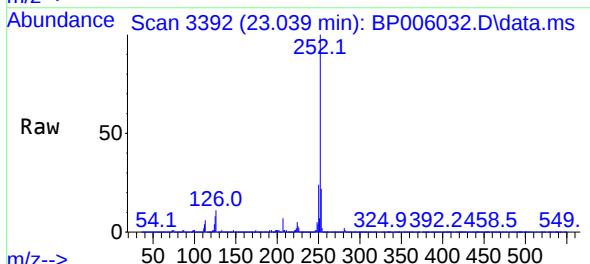
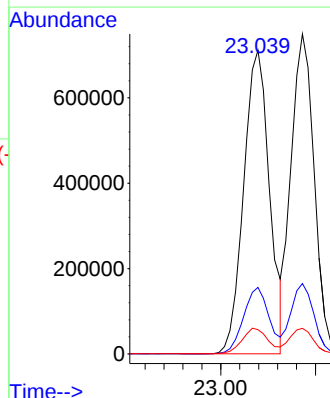
Manual Integrations
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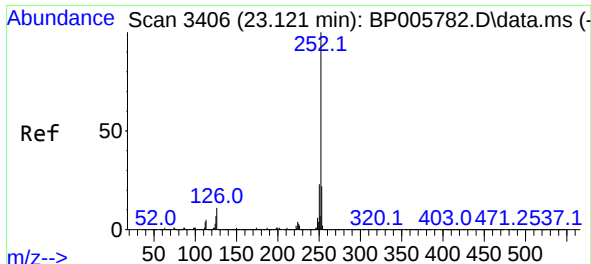
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.174 ng
RT: 23.039 min Scan# 3392
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

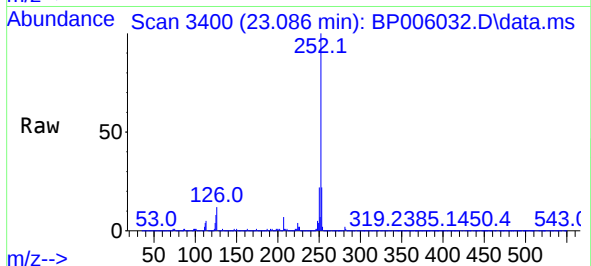
Tgt Ion: 252 Resp: 1347240
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.0 6.2 9.4





#89
Benzo(k)fluoranthene
Concen: 41.228 ng
RT: 23.086 min Scan# 3400
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

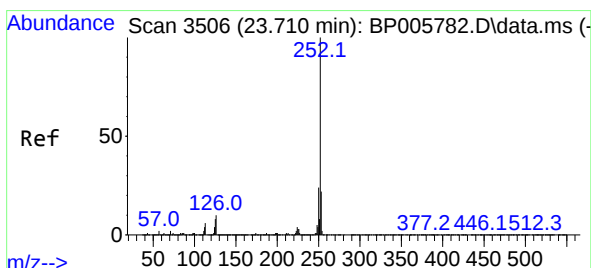
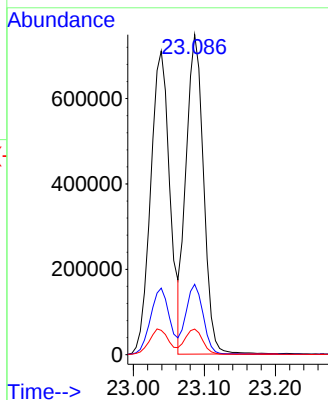
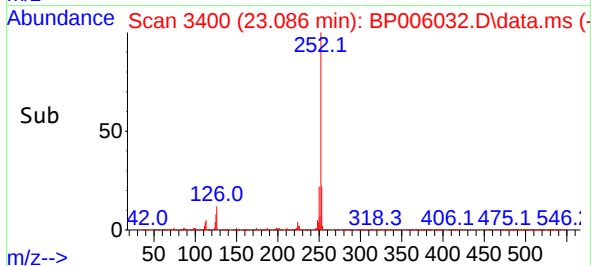
Instrument :
BNA_P
ClientSampleId :
RIG-DRILL-CUTTING-DRUMS-1-7M



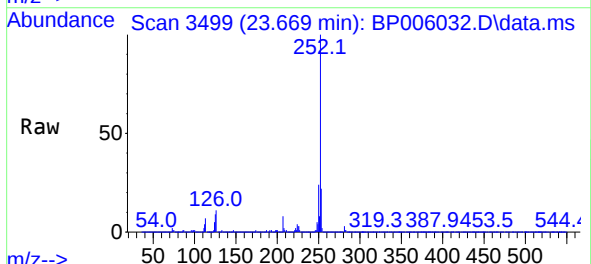
Tgt Ion:252 Resp: 1277094
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 8.0 6.0 9.0

Manual Integrations
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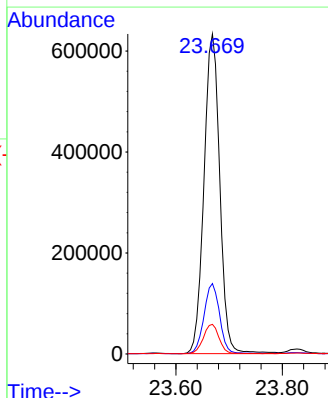
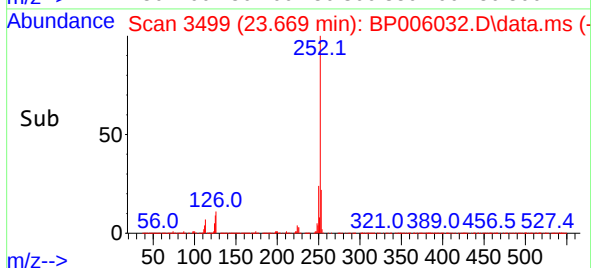
mohammad
6/24/2021 9:51:37 AM

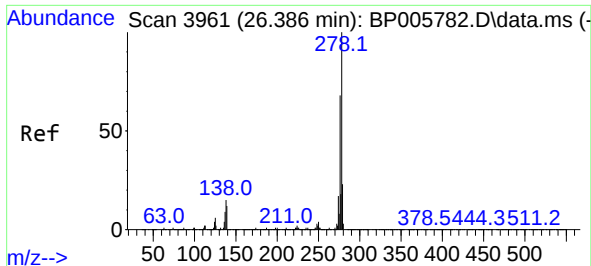


#90
Benzo(a)pyrene
Concen: 43.408 ng
RT: 23.669 min Scan# 3499
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37

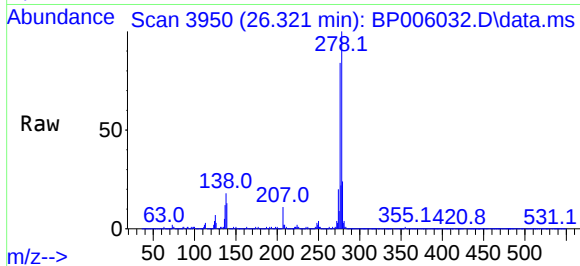


Tgt Ion:252 Resp: 1303646
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 9.3 6.5 9.7

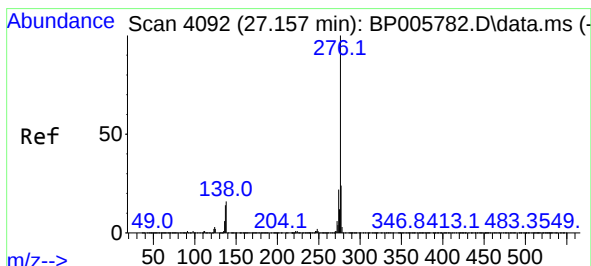
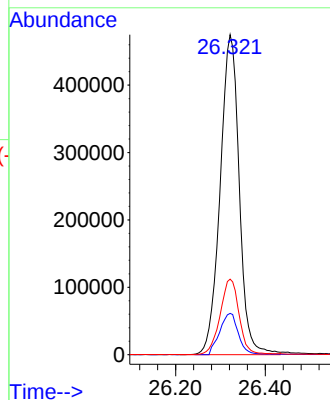
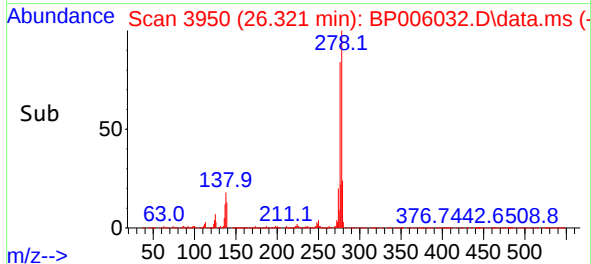




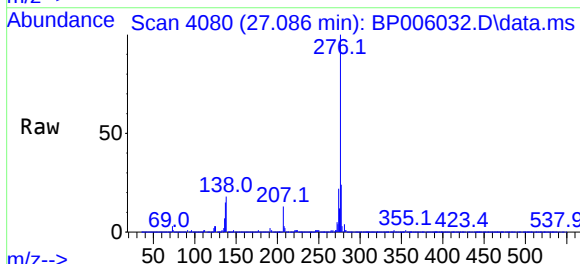
#91
Dibenzo(a,h)anthracene
Concen: 40.947 ng
RT: 26.321 min Scan# 3950
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37



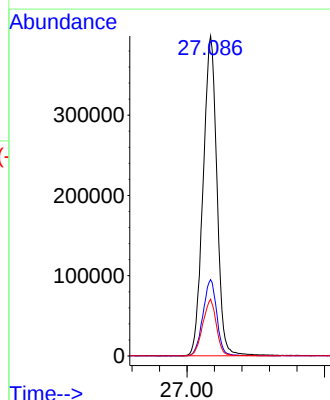
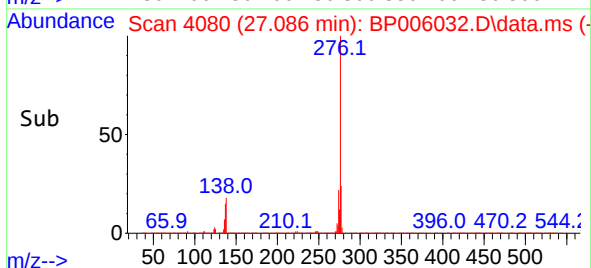
Tgt Ion:278 Resp: 1405656
Ion Ratio Lower Upper
278 100
139 12.9 9.3 13.9
279 23.6 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 41.035 ng
RT: 27.086 min Scan# 4080
Delta R.T. -0.000 min
Lab File: BP006032.D
Acq: 23 Jun 2021 13:37



Tgt Ion:276 Resp: 1391556
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 17.8 12.6 18.8



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

Manual Integrations
APPROVED

mohammad
6/24/2021 9:51:37 AM