

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
 Data File : BP021967.D
 Acq On : 20 Sep 2024 14:47
 Operator : RC/JU
 Sample : P2403-02
 Misc : LOQ--SOIL 10 ppm
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Quant Time: Sep 20 15:19:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	83571	20.000	ng	0.00
21) Naphthalene-d8	10.469	136	314331	20.000	ng	0.00
39) Acenaphthene-d10	14.322	164	224699	20.000	ng	0.00
64) Phenanthrene-d10	17.122	188	536509	20.000	ng	-0.02
76) Chrysene-d12	21.557	240	642535	20.000	ng	0.00
86) Perylene-d12	24.857	264	758204	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	446625	100.433	ng	0.00
7) Phenol-d6	6.893	99	559235	96.871	ng	0.00
23) Nitrobenzene-d5	8.846	82	433470	72.969	ng	-0.01
42) 2,4,6-Tribromophenol	15.840	330	439411	105.484	ng	-0.02
45) 2-Fluorobiphenyl	12.934	172	1131618	73.516	ng	0.00
79) Terphenyl-d14	19.845	244	2321473	67.869	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.258	88	16376	8.868	ng	96
3) Pyridine	3.658	79	36267	7.364	ng	96
4) n-Nitrosodimethylamine	3.564	42	21964	8.454	ng	# 99
6) Aniline	7.046	93	50503	9.955	ng	98
8) 2-Chlorophenol	7.281	128	41203	8.665	ng	94
9) Benzaldehyde	6.864	77	37831	12.533	ng	96
10) Phenol	6.916	94	48198	8.406	ng	98
11) bis(2-Chloroethyl)ether	7.134	93	36720	8.502	ng	97
12) 1,3-Dichlorobenzene	7.605	146	49730	8.284	ng	98
13) 1,4-Dichlorobenzene	7.746	146	52328	8.595	ng	97
14) 1,2-Dichlorobenzene	8.058	146	49328	8.441	ng	99
15) Benzyl Alcohol	7.946	79	36761	8.303	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.228	45	42009	9.119	ng	97
17) 2-Methylphenol	8.146	107	31515	8.136	ng	96
18) Hexachloroethane	8.781	117	19000	8.487	ng	94
19) n-Nitroso-di-n-propyla...	8.505	70	32097	8.945	ng	98
20) 3+4-Methylphenols	8.469	107	43979	8.043	ng	96
22) Acetophenone	8.516	105	68872	8.982	ng	# 95
24) Nitrobenzene	8.893	77	53196	8.818	ng	98
25) Isophorone	9.416	82	83056	8.480	ng	99
26) 2-Nitrophenol	9.593	139	19956	7.566	ng	95
27) 2,4-Dimethylphenol	9.658	122	25090	8.215	ng	97
28) bis(2-Chloroethoxy)met...	9.887	93	50878	8.664	ng	96
29) 2,4-Dichlorophenol	10.128	162	41493	8.004	ng	95
30) 1,2,4-Trichlorobenzene	10.340	180	52881	8.189	ng	95
31) Naphthalene	10.522	128	134875	8.599	ng	98
32) Benzoic acid	9.734	122	16599	4.649	ng	92
33) 4-Chloroaniline	10.628	127	50835	8.986	ng	94
34) Hexachlorobutadiene	10.810	225	40377	7.993	ng	99
35) Caprolactam	11.399	113	11025	7.146	ng	97
36) 4-Chloro-3-methylphenol	11.752	107	44268	7.959	ng	95
37) 2-Methylnaphthalene	12.128	142	95161	8.293	ng	99
38) 1-Methylnaphthalene	12.346	142	89973	7.941	ng	96
40) 1,2,4,5-Tetrachloroben...	12.504	216	69738	8.871	ng	98
41) Hexachlorocyclopentadiene	12.487	237	28985	9.923	ng	99
43) 2,4,6-Trichlorophenol	12.740	196	37333	7.737	ng	96

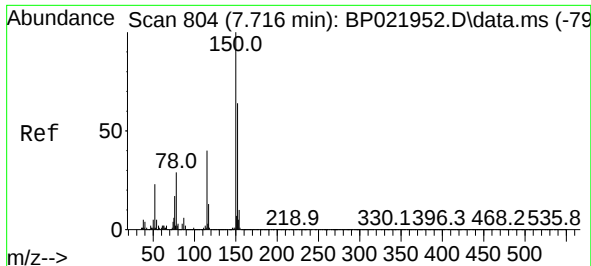
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	41502	7.667	ng	95
46) 1,1'-Biphenyl	13.151	154	136298	8.896	ng	98
47) 2-Chloronaphthalene	13.187	162	105038	8.479	ng	97
48) 2-Nitroaniline	13.393	65	25137	7.431	ng	93
49) Acenaphthylene	14.040	152	160008	9.153	ng	99
50) Dimethylphthalate	13.775	163	140814	8.641	ng	99
51) 2,6-Dinitrotoluene	13.893	165	28189	7.762	ng	90
52) Acenaphthene	14.387	154	94674	8.322	ng	99
53) 3-Nitroaniline	14.222	138	25002	7.725	ng	100
54) 2,4-Dinitrophenol	14.434	184	13280	6.241	ng	96
55) Dibenzofuran	14.728	168	171431	8.965	ng	97
56) 4-Nitrophenol	14.551	139	20119	7.142	ng	98
57) 2,4-Dinitrotoluene	14.687	165	38078	7.417	ng	# 97
58) Fluorene	15.381	166	134593	8.428	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.957	232	43153	8.261	ng	100
60) Diethylphthalate	15.163	149	137325	8.292	ng	98
61) 4-Chlorophenyl-phenyle...	15.381	204	77490	8.335	ng	96
62) 4-Nitroaniline	15.398	138	27777	7.805	ng	94
63) Azobenzene	15.681	77	119440	8.715	ng	100
65) 4,6-Dinitro-2-methylph...	15.463	198	22458	7.222	ng	87
66) n-Nitrosodiphenylamine	15.598	169	119012	8.909	ng	97
67) 4-Bromophenyl-phenylether	16.298	248	52733	8.432	ng	95
68) Hexachlorobenzene	16.410	284	66597	8.541	ng	95
69) Atrazine	16.581	200	49243	10.288	ng	96
70) Pentachlorophenol	16.763	266	36482	6.954	ng	98
71) Phenanthrene	17.163	178	228640	8.878	ng	99
72) Anthracene	17.263	178	224202	8.993	ng	99
73) Carbazole	17.539	167	207054	8.599	ng	100
74) Di-n-butylphthalate	18.134	149	218659	7.732	ng	99
75) Fluoranthene	19.251	202	297451	8.275	ng	99
77) Benzidine	19.445	184	134882	17.178	ng	98
78) Pyrene	19.628	202	309442	7.961	ng	100
80) Butylbenzylphthalate	20.580	149	102767	7.413	ng	97
81) Benzo(a)anthracene	21.539	228	357710	8.664	ng	100
82) 3,3'-Dichlorobenzidine	21.463	252	123492	8.244	ng	98
83) Chrysene	21.604	228	337471	8.681	ng	99
84) Bis(2-ethylhexyl)phtha...	21.480	149	150934	7.418	ng	99
85) Di-n-octyl phthalate	22.733	149	236795	6.852	ng	100
87) Indeno(1,2,3-cd)pyrene	28.574	276	378103	7.498	ng	# 97
88) Benzo(b)fluoranthene	23.798	252	360531	8.040	ng	99
89) Benzo(k)fluoranthene	23.869	252	369409	8.705	ng	99
90) Benzo(a)pyrene	24.692	252	330784	8.563	ng	98
91) Dibenzo(a,h)anthracene	28.657	278	354436	8.516	ng	98
92) Benzo(g,h,i)perylene	29.727	276	338823	7.947	ng	98

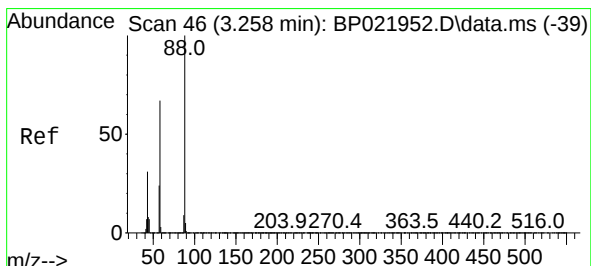
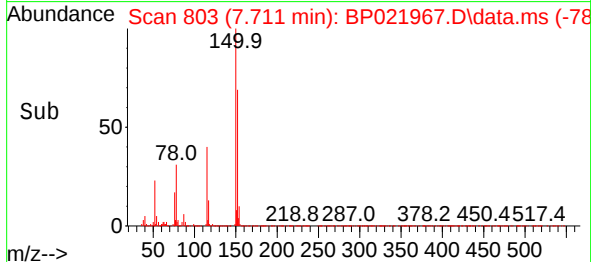
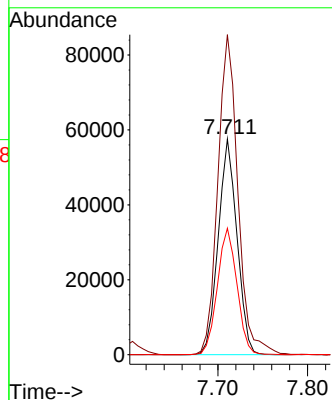
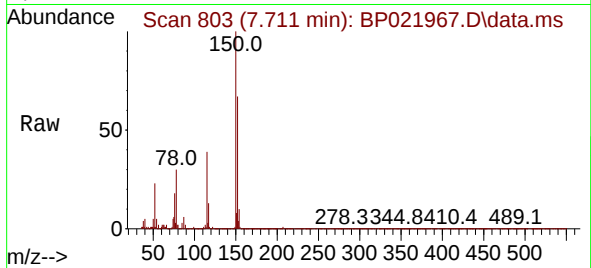
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.711 min Scan# 804
Delta R.T. -0.005 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

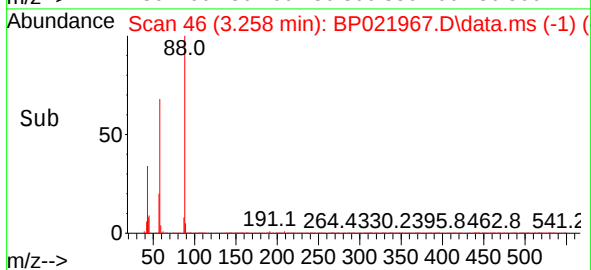
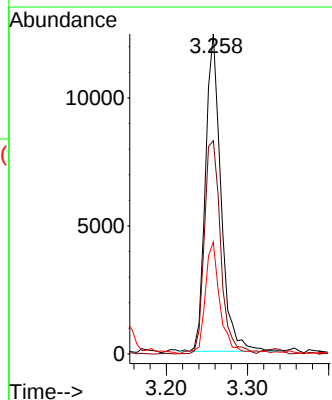
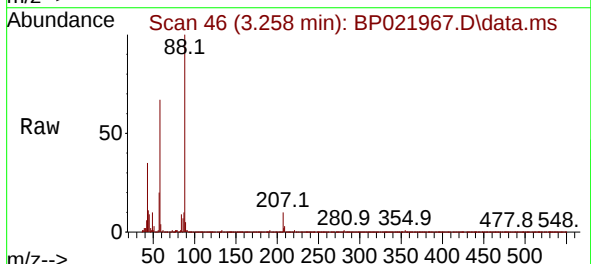
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

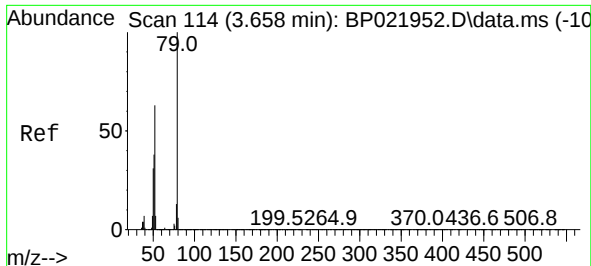
Tgt Ion:152 Resp: 83571
Ion Ratio Lower Upper
152 100
150 148.3 124.2 186.2
115 58.6 49.2 73.8



#2
1,4-Dioxane
Concen: 8.868 ng
RT: 3.258 min Scan# 46
Delta R.T. 0.000 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

Tgt Ion: 88 Resp: 16376
Ion Ratio Lower Upper
88 100
58 71.0 53.8 80.6
43 33.3 25.2 37.8

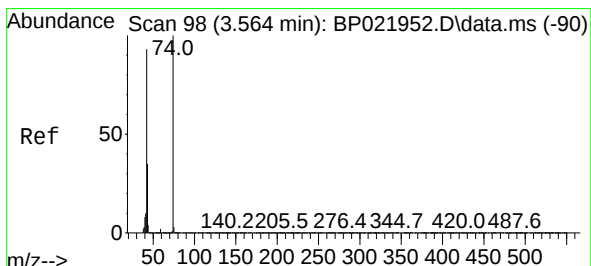
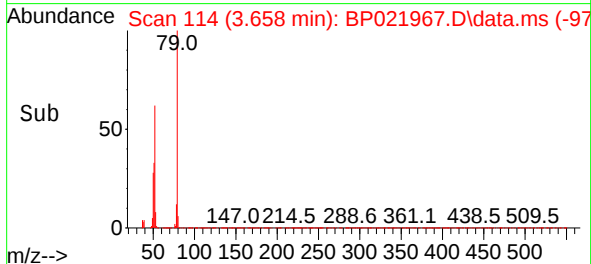
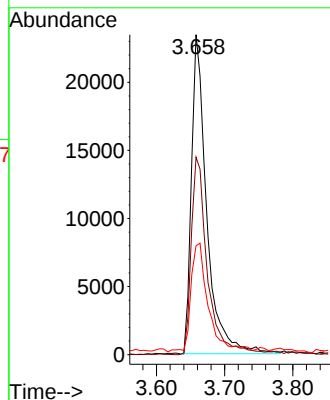
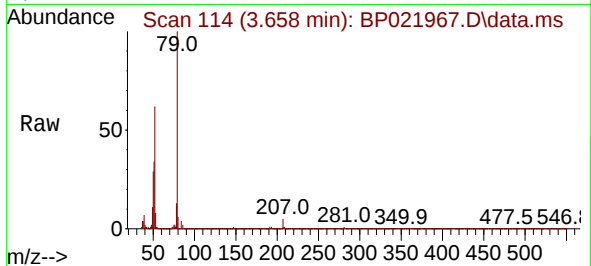




#3
Pyridine
Concen: 7.364 ng
RT: 3.658 min Scan# 114
Delta R.T. 0.000 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

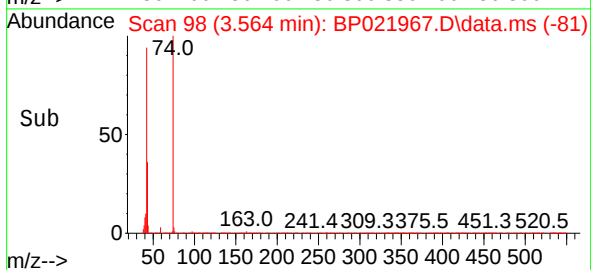
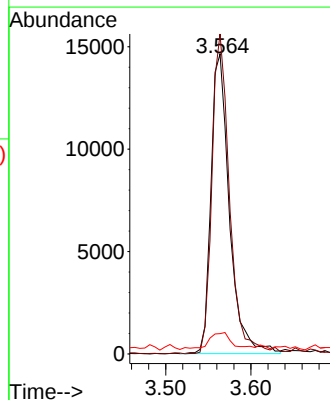
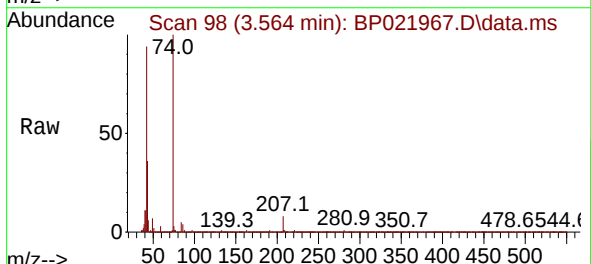
Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT2-2024

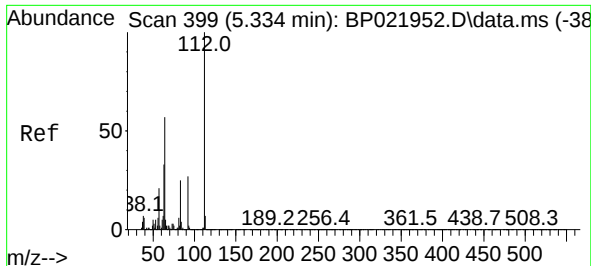
Tgt Ion: 79 Resp: 36267
Ion Ratio Lower Upper
79 100
52 61.7 50.3 75.5
51 34.0 30.9 46.3



#4
n-Nitrosodimethylamine
Concen: 8.454 ng
RT: 3.564 min Scan# 98
Delta R.T. 0.000 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

Tgt Ion: 42 Resp: 21964
Ion Ratio Lower Upper
42 100
74 106.6 86.3 129.5
44 6.8 4.0 6.0#

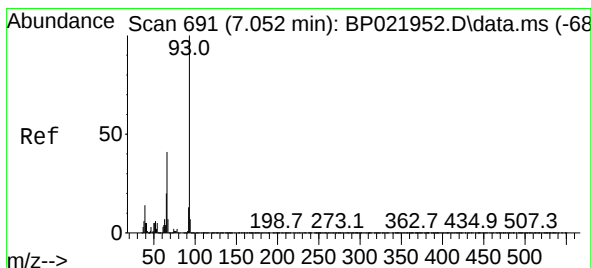
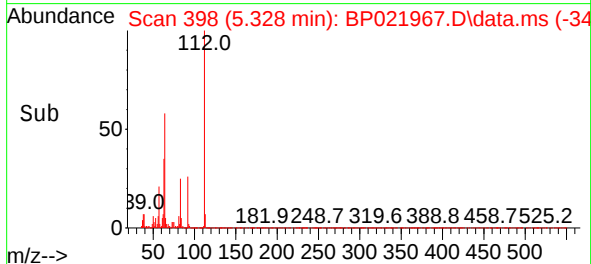
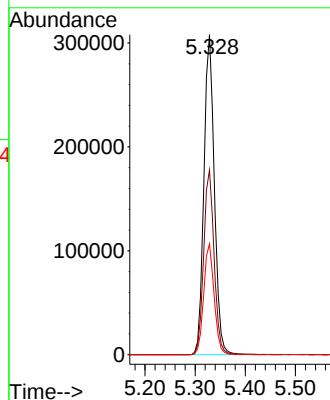
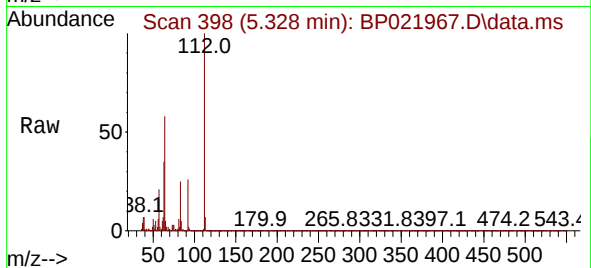




#5
2-Fluorophenol
Concen: 100.433 ng
RT: 5.328 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

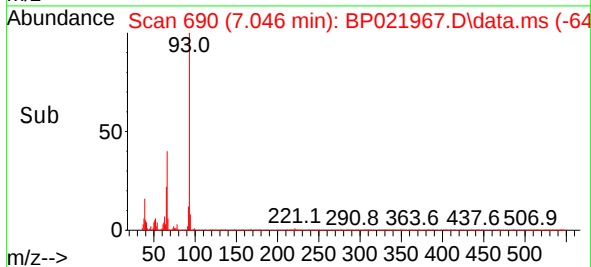
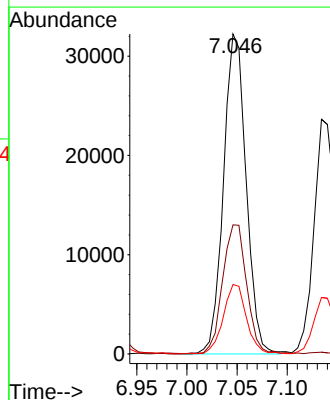
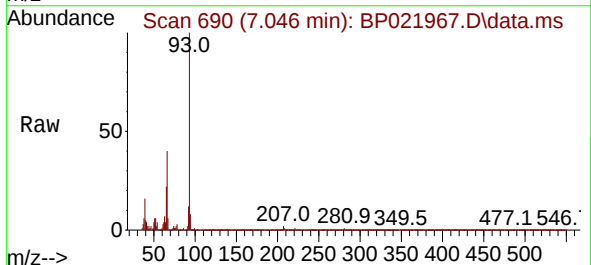
Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT2-2024

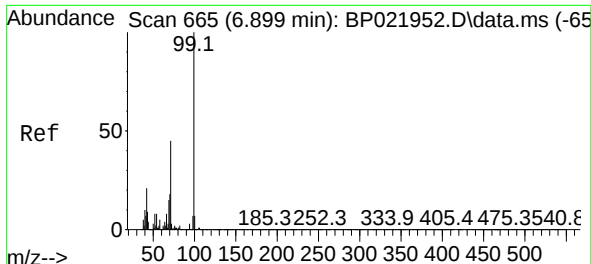
Tgt Ion:112 Resp: 446625
Ion Ratio Lower Upper
112 100
64 57.7 45.4 68.0
63 34.6 26.6 39.8



#6
Aniline
Concen: 9.955 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

Tgt Ion: 93 Resp: 50503
Ion Ratio Lower Upper
93 100
66 40.4 33.0 49.4
65 21.7 16.1 24.1

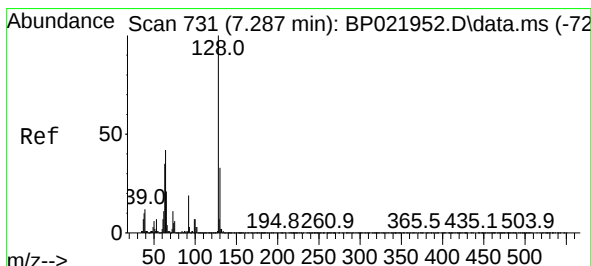
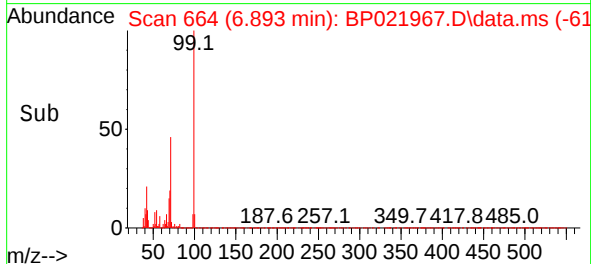
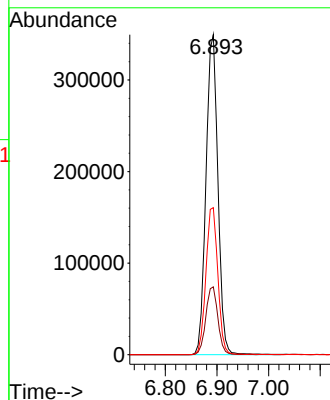
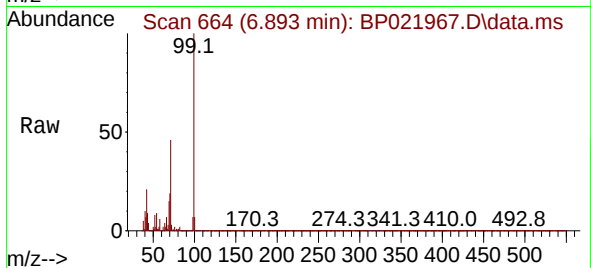




#7
Phenol-d6
Concen: 96.871 ng
RT: 6.893 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

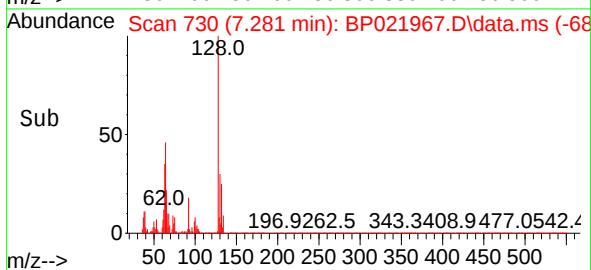
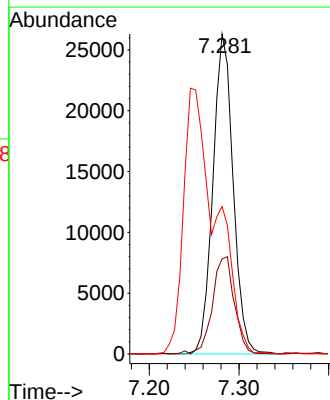
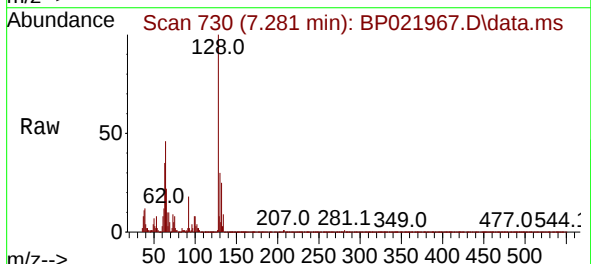
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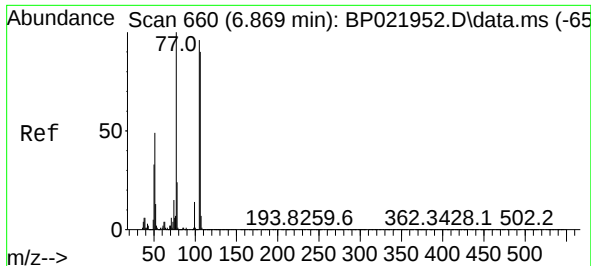
Tgt Ion: 99 Resp: 559235
Ion Ratio Lower Upper
99 100
42 21.2 16.8 25.2
71 45.9 35.8 53.6



#8
2-Chlorophenol
Concen: 8.665 ng
RT: 7.281 min Scan# 730
Delta R.T. -0.006 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

Tgt Ion: 128 Resp: 41203
Ion Ratio Lower Upper
128 100
130 29.7 13.1 53.1
64 46.0 22.1 62.1

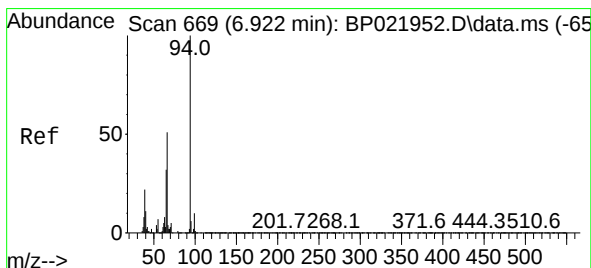
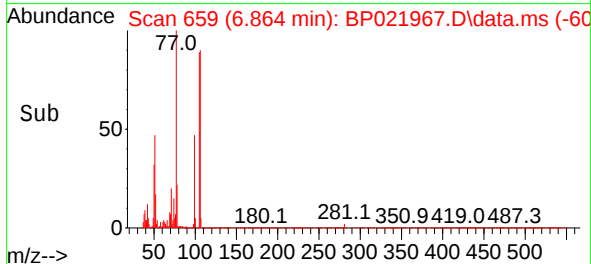
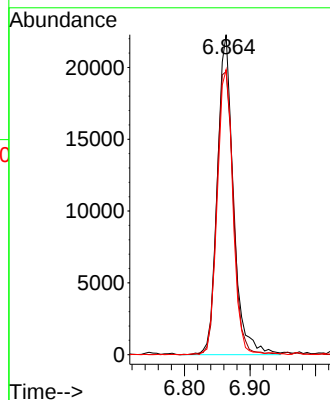
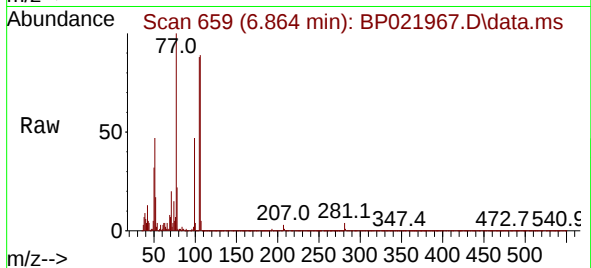




#9
Benzaldehyde
Concen: 12.533 ng
RT: 6.864 min Scan# 660
Delta R.T. -0.006 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

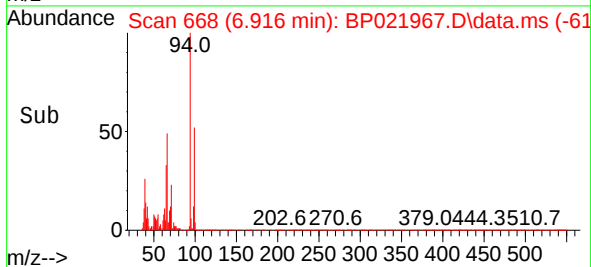
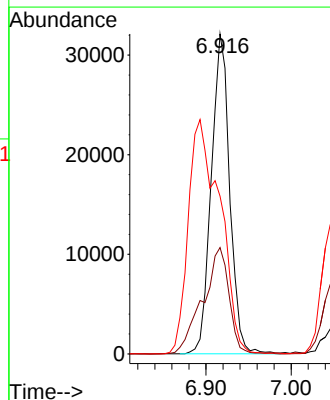
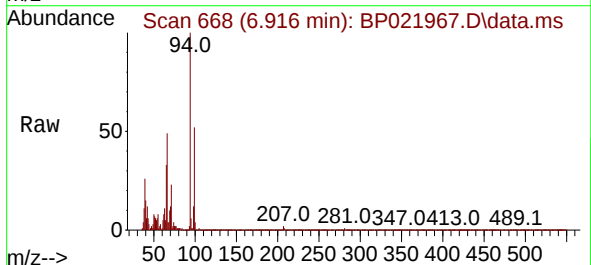
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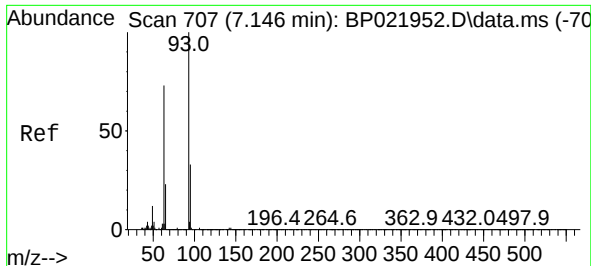
Tgt Ion:	77	Resp:	37831
Ion	Ratio	Lower	Upper
77	100		
105	88.4	76.1	116.1
106	89.1	69.9	109.9



#10
Phenol
Concen: 8.406 ng
RT: 6.916 min Scan# 668
Delta R.T. -0.006 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

Tgt Ion:	94	Resp:	48198
Ion	Ratio	Lower	Upper
94	100		
65	33.3	12.5	52.5
66	49.3	31.2	71.2

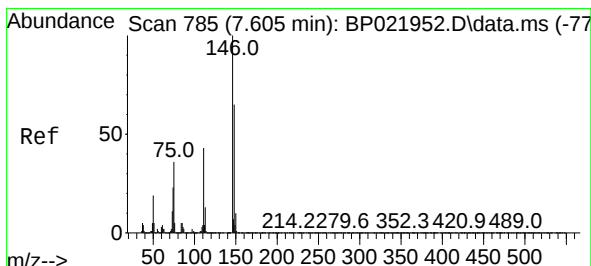
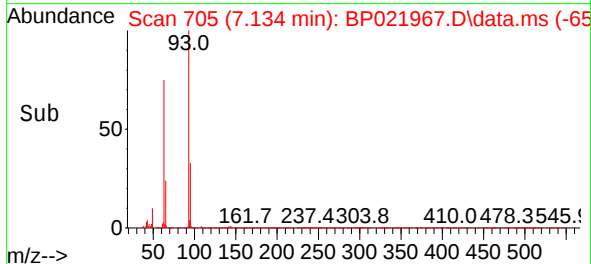
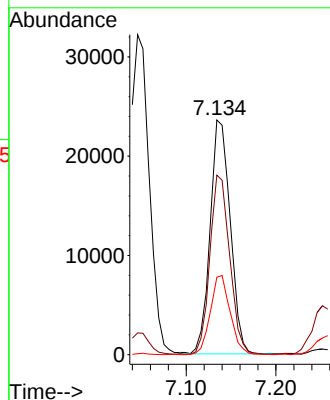
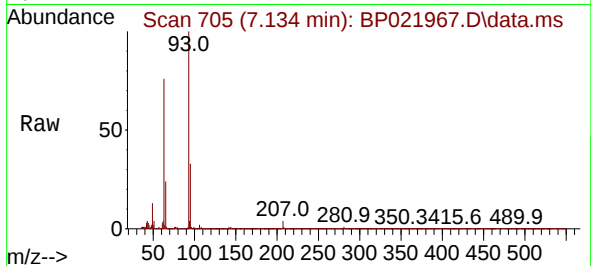




#11
bis(2-Chloroethyl)ether
Concen: 8.502 ng
RT: 7.134 min Scan# 705
Delta R.T. -0.012 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

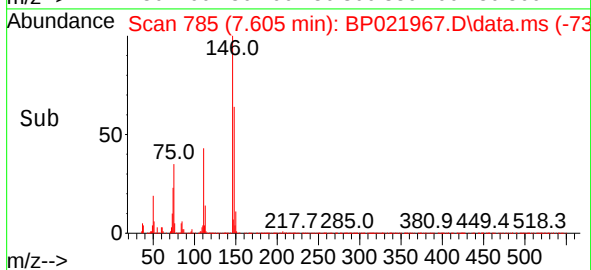
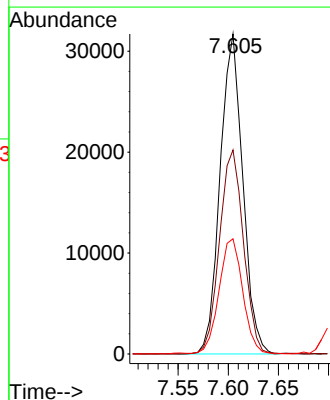
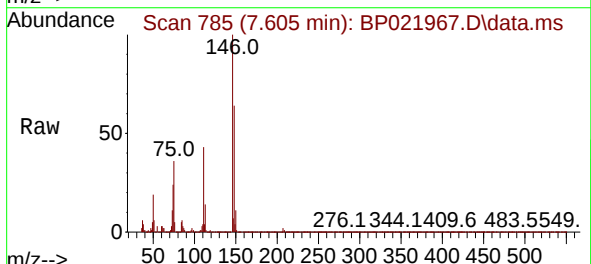
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

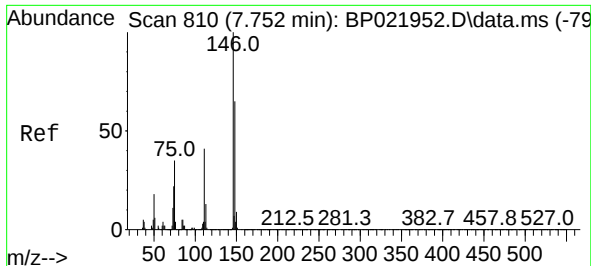
Tgt Ion: 93 Resp: 36720
Ion Ratio Lower Upper
93 100
63 76.5 53.0 93.0
95 33.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 8.284 ng
RT: 7.605 min Scan# 785
Delta R.T. 0.000 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

Tgt Ion:146 Resp: 49730
Ion Ratio Lower Upper
146 100
148 63.8 52.3 78.5
75 36.0 29.0 43.6

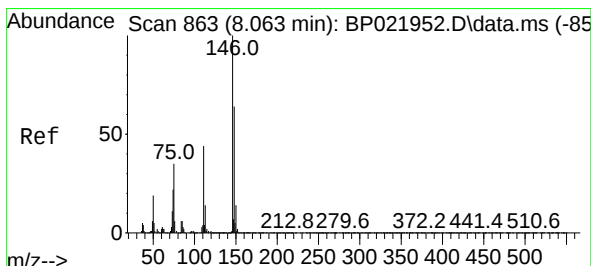
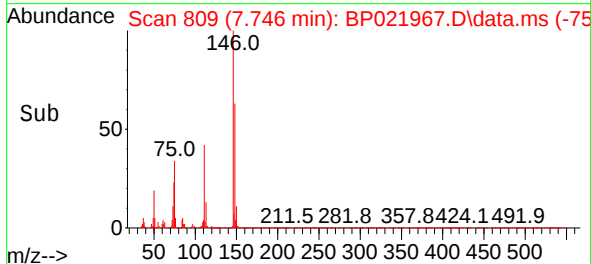
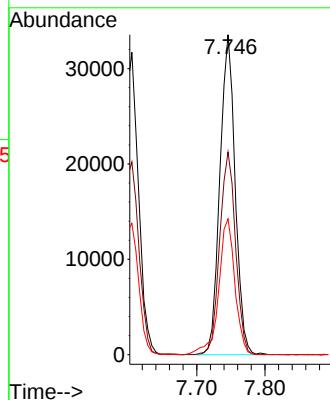
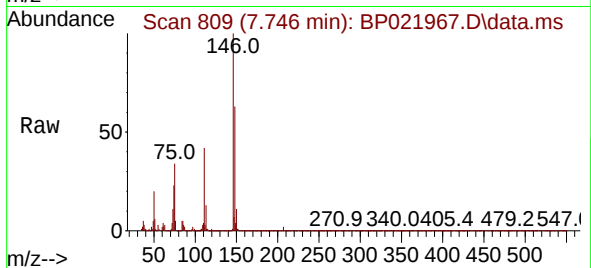




#13
1,4-Dichlorobenzene
Concen: 8.595 ng
RT: 7.746 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

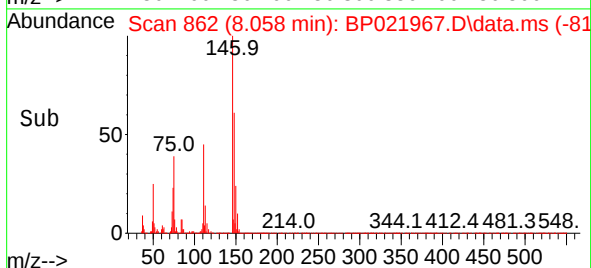
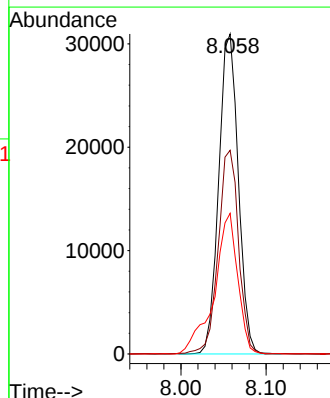
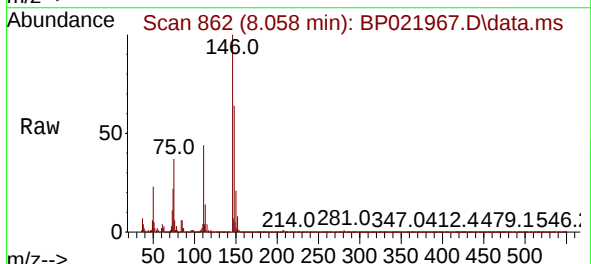
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

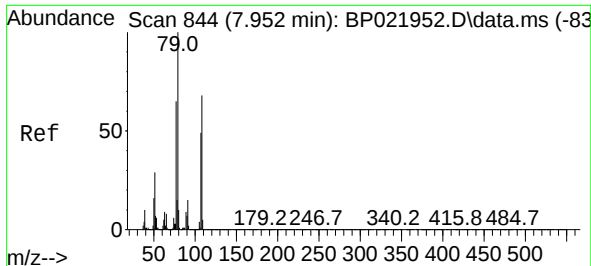
Tgt Ion:146 Resp: 52328
Ion Ratio Lower Upper
146 100
148 63.4 52.2 78.4
111 42.4 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 8.441 ng
RT: 8.058 min Scan# 862
Delta R.T. -0.006 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

Tgt Ion:146 Resp: 49328
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
111 43.9 35.6 53.4

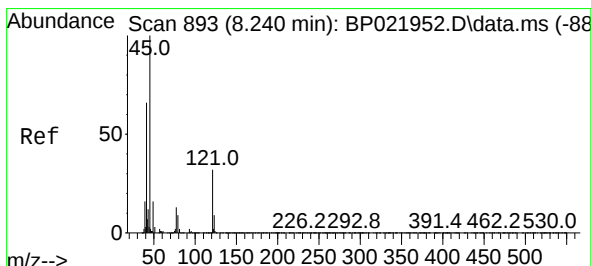
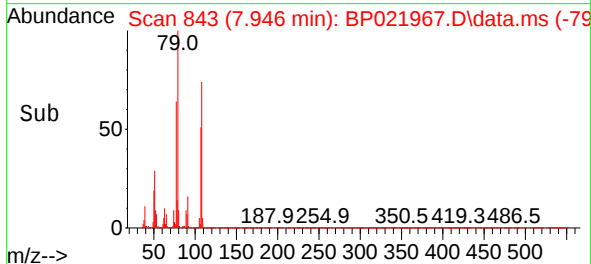
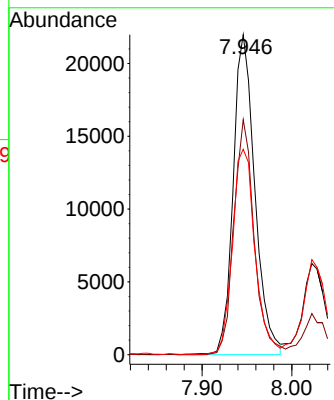
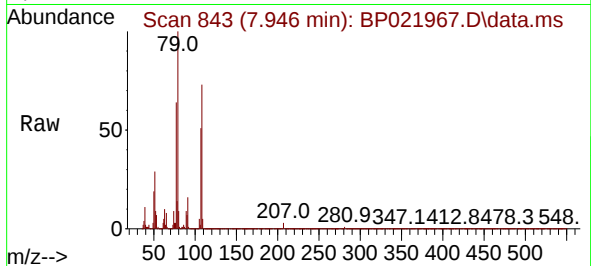




#15
Benzyl Alcohol
Concen: 8.303 ng
RT: 7.946 min Scan# 844
Delta R.T. -0.006 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

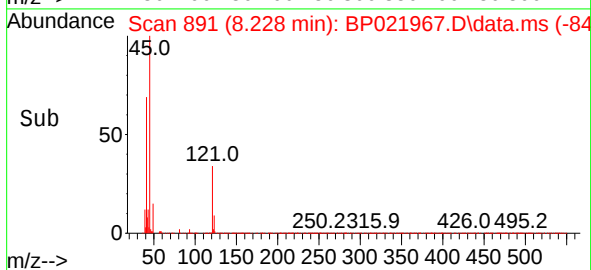
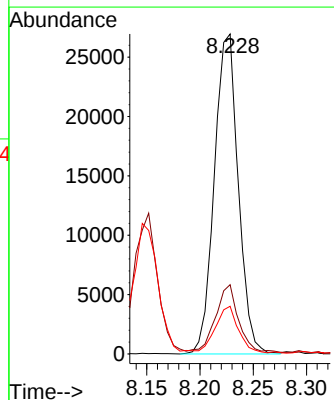
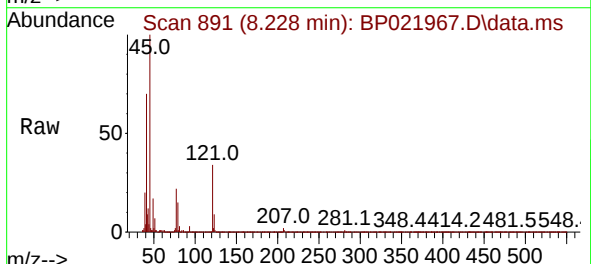
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

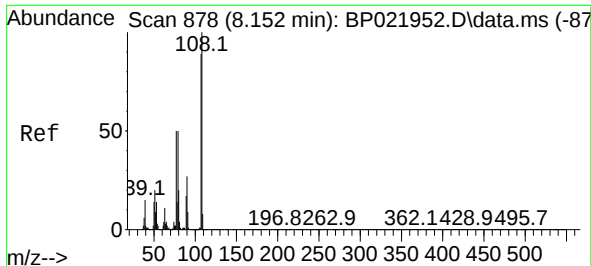
Tgt Ion: 79 Resp: 36761
Ion Ratio Lower Upper
79 100
108 73.5 54.7 82.1
77 64.2 51.8 77.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 9.119 ng
RT: 8.228 min Scan# 891
Delta R.T. -0.012 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

Tgt Ion: 45 Resp: 42009
Ion Ratio Lower Upper
45 100
77 21.7 0.0 39.5
79 14.9 0.0 34.9

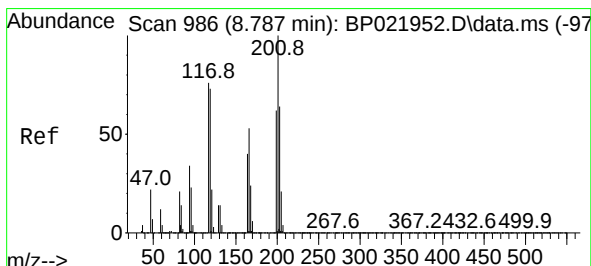
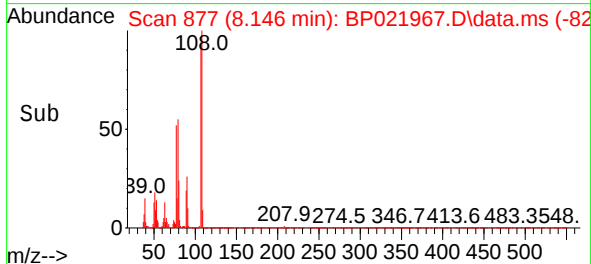
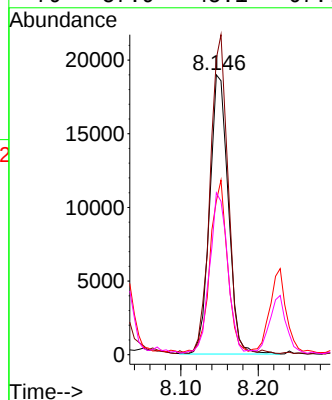
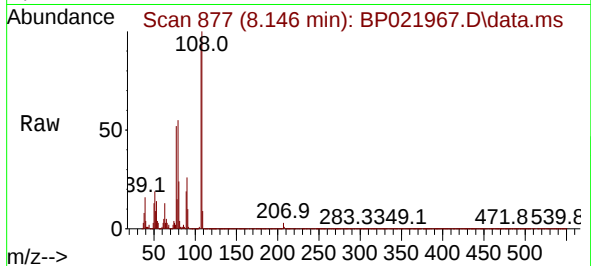




#17
2-Methylphenol
Concen: 8.136 ng
RT: 8.146 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

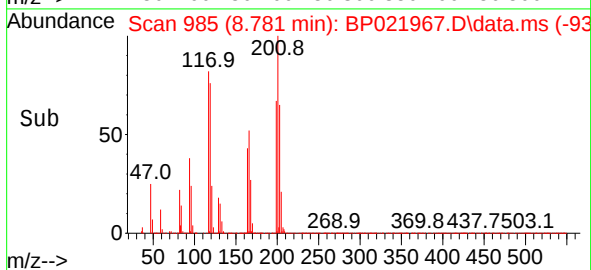
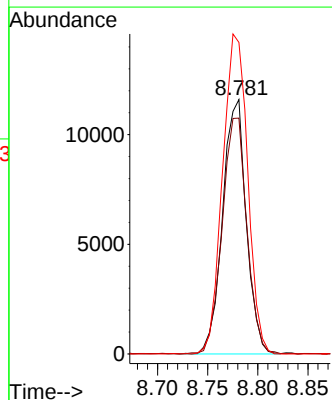
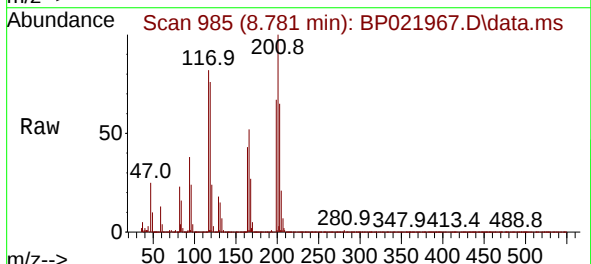
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

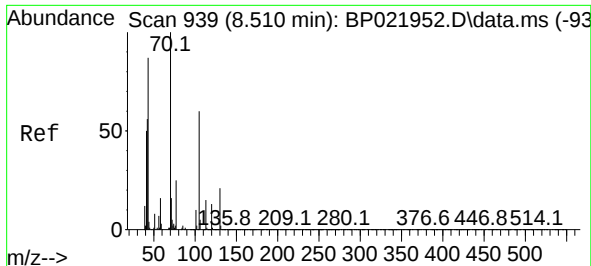
Tgt Ion:	107	Resp:	31515
Ion	Ratio	Lower	Upper
107	100		
108	105.9	90.3	135.5
77	54.9	45.1	67.7
79	57.9	45.1	67.7



#18
Hexachloroethane
Concen: 8.487 ng
RT: 8.781 min Scan# 985
Delta R.T. -0.006 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

Tgt Ion:	117	Resp:	19000
Ion	Ratio	Lower	Upper
117	100		
119	92.7	77.0	115.4
201	122.4	105.6	158.4

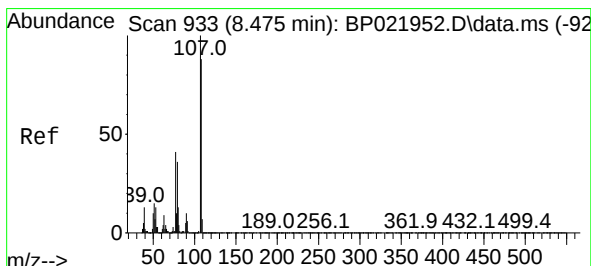
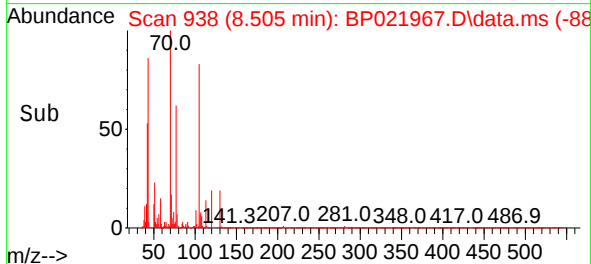
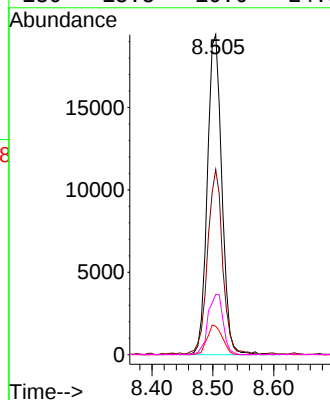
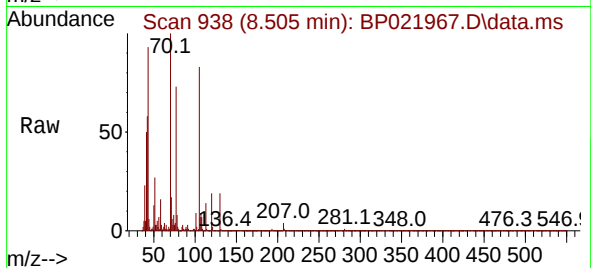




#19
n-Nitroso-di-n-propylamine
Concen: 8.945 ng
RT: 8.505 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

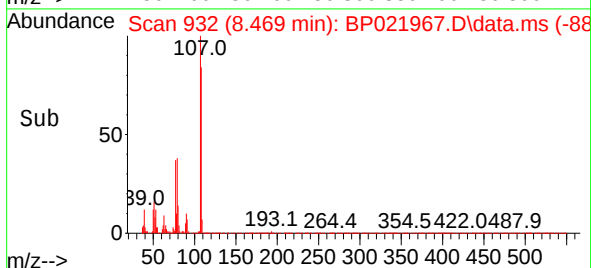
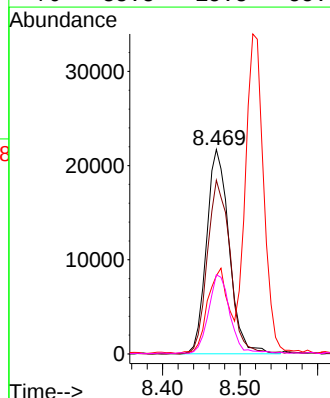
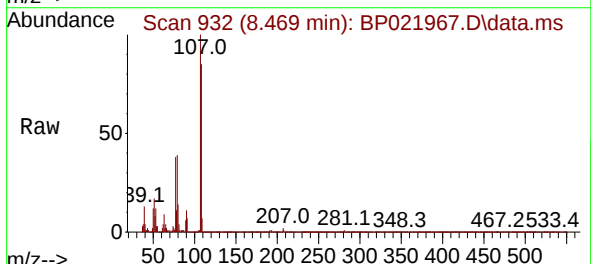
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

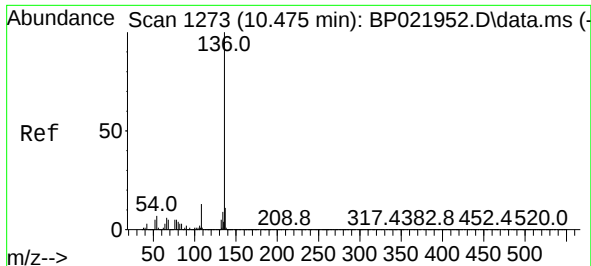
Tgt Ion: 70	Resp: 32097
Ion Ratio	Lower Upper
70 100	
42 57.8	45.2 67.8
101 8.9	7.8 11.6
130 18.8	16.6 24.8



#20
3+4-Methylphenols
Concen: 8.043 ng
RT: 8.469 min Scan# 932
Delta R.T. -0.006 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

Tgt Ion:107	Resp:	43979	
Ion	Ratio	Lower	Upper
107	100		
108	85.0	68.3	108.3
77	38.3	20.6	60.6
79	38.8	15.8	55.8

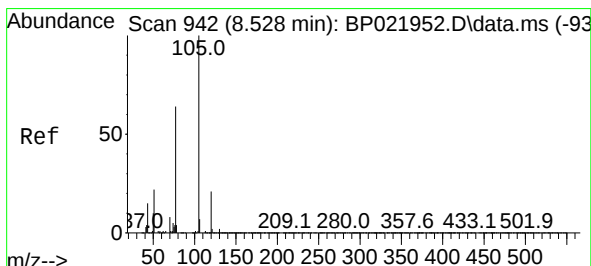
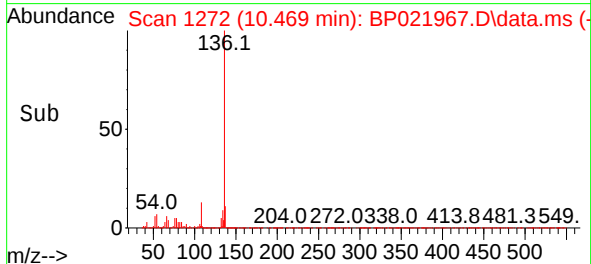
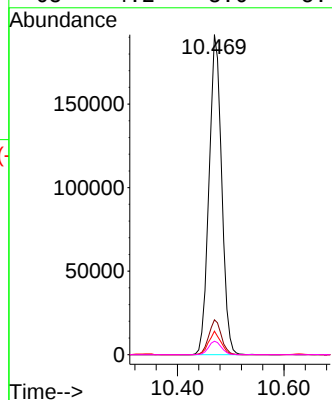
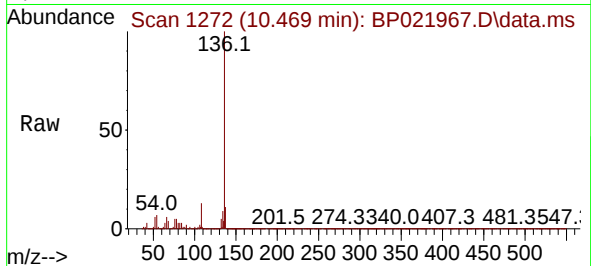




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

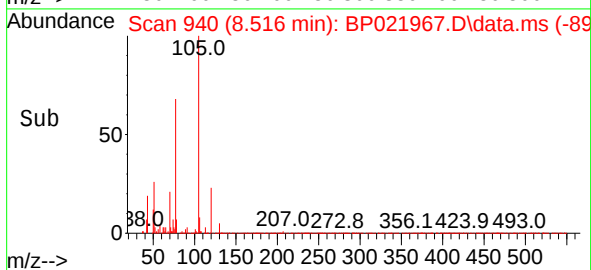
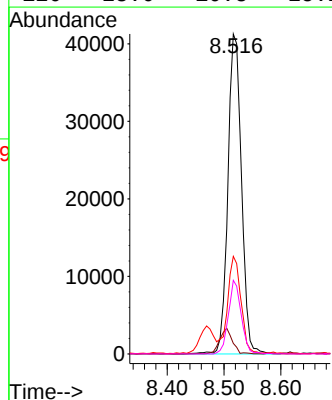
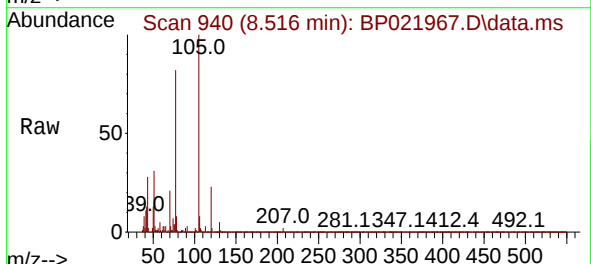
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

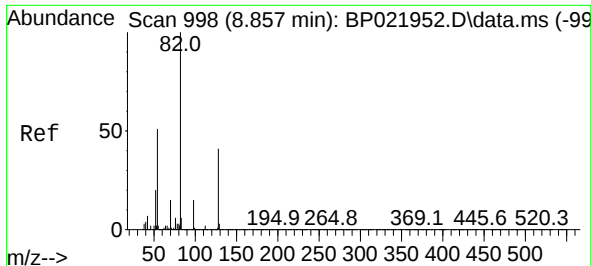
Tgt Ion:	136	Resp:	314331
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	7.4	5.5	8.3
68	4.2	3.6	5.4



#22
Acetophenone
Concen: 8.982 ng
RT: 8.516 min Scan# 940
Delta R.T. -0.012 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

Tgt Ion:	105	Resp:	68872
Ion Ratio	Lower	Upper	
105	100		
71	3.3	1.4	2.0
51	30.5	22.1	33.1
120	23.0	16.8	25.2





#23

Nitrobenzene-d5

Concen: 72.969 ng

RT: 8.846 min Scan# 998

Delta R.T. -0.012 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

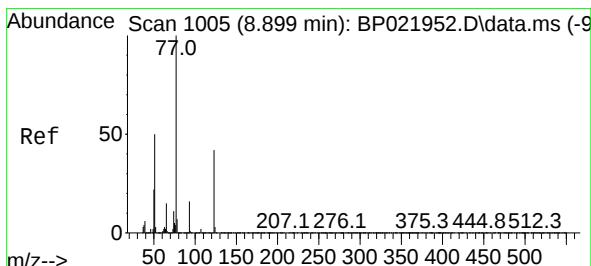
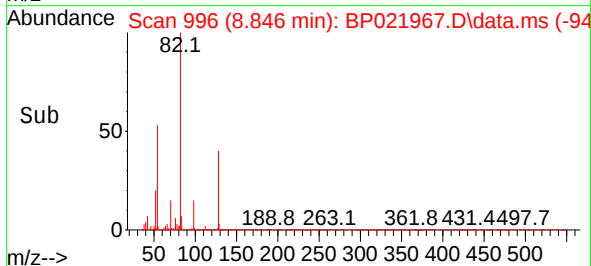
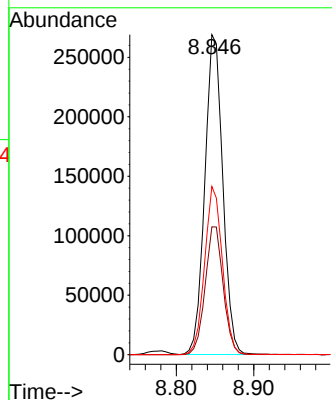
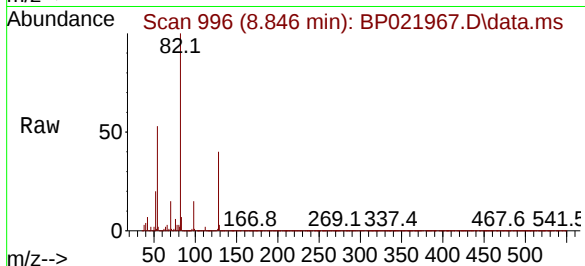
Tgt Ion: 82 Resp: 433470

Ion Ratio Lower Upper

82 100

128 40.0 33.1 49.7

54 52.5 40.3 60.5



#24

Nitrobenzene

Concen: 8.818 ng

RT: 8.893 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

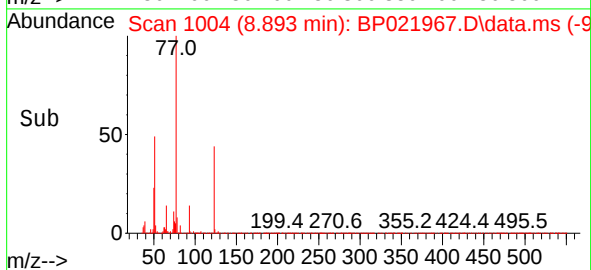
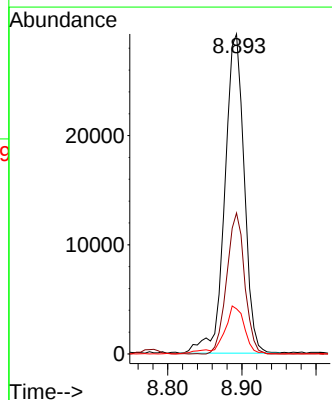
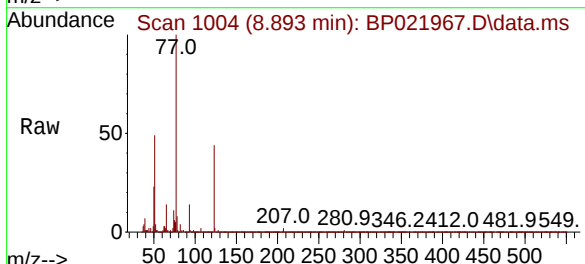
Tgt Ion: 77 Resp: 53196

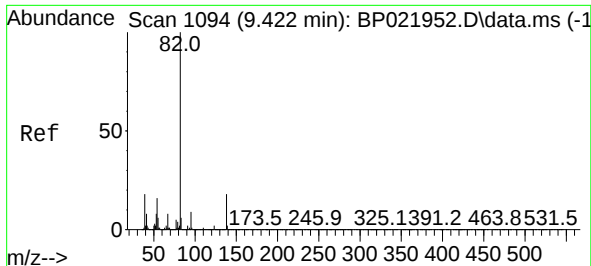
Ion Ratio Lower Upper

77 100

123 44.0 33.9 50.9

65 14.1 12.0 18.0

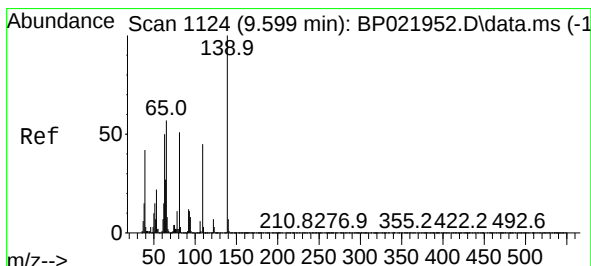
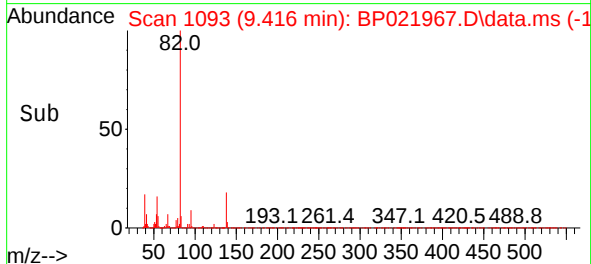
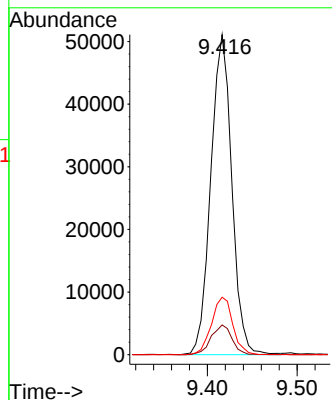
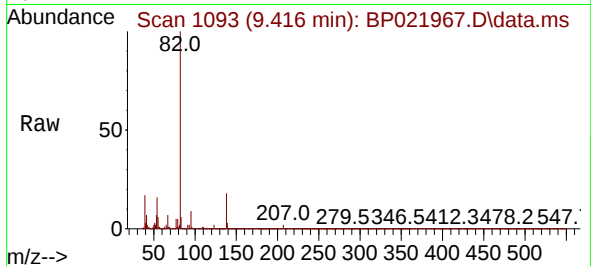




#25
Isophorone
Concen: 8.480 ng
RT: 9.416 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

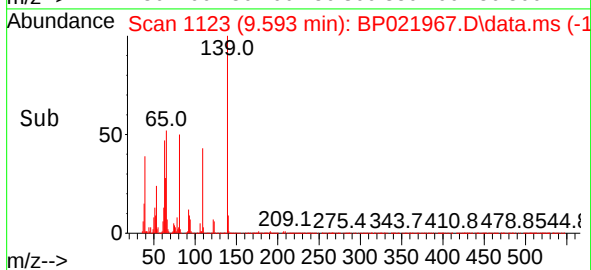
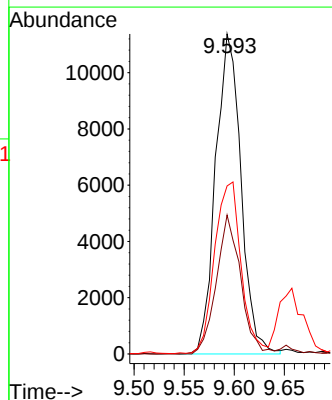
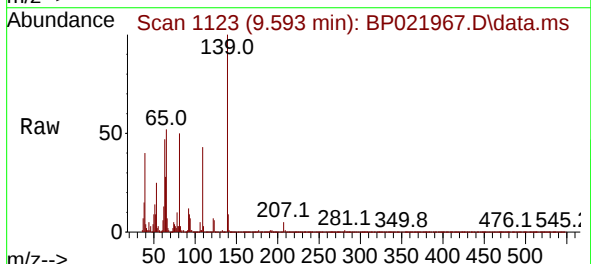
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

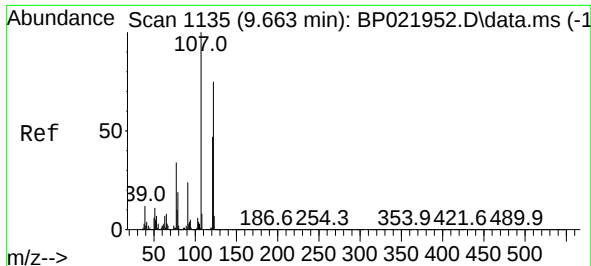
Tgt Ion: 82 Resp: 83056
Ion Ratio Lower Upper
82 100
95 9.3 7.0 10.6
138 17.9 14.6 21.8



#26
2-Nitrophenol
Concen: 7.566 ng
RT: 9.593 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

Tgt Ion: 139 Resp: 19956
Ion Ratio Lower Upper
139 100
109 43.4 36.0 54.0
65 52.5 45.7 68.5

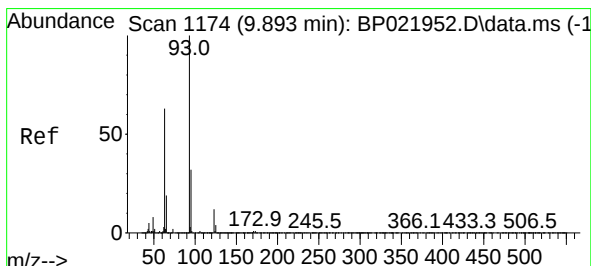
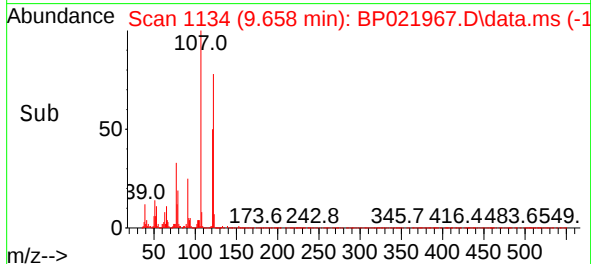
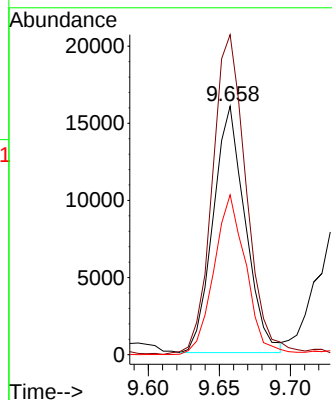
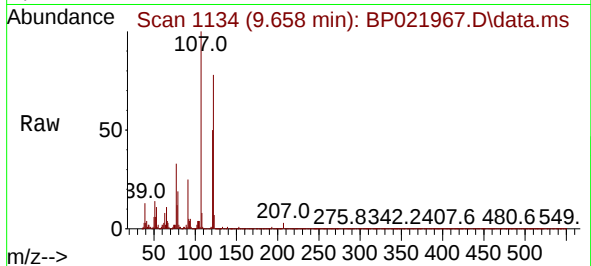




#27
2,4-Dimethylphenol
Concen: 8.215 ng
RT: 9.658 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

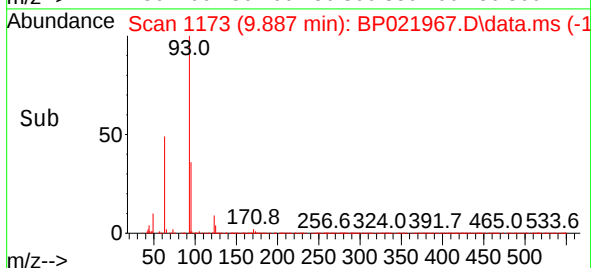
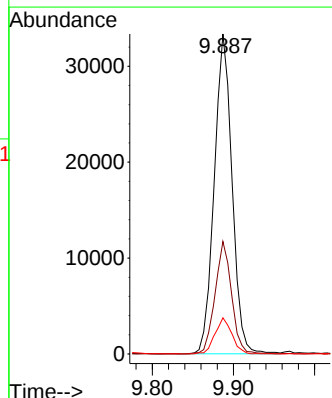
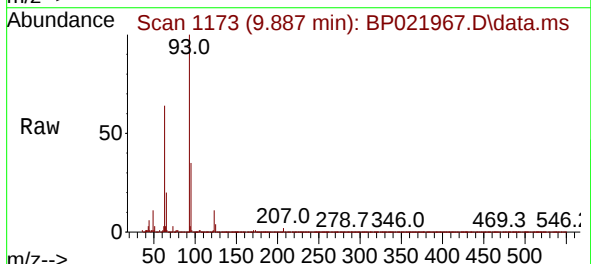
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

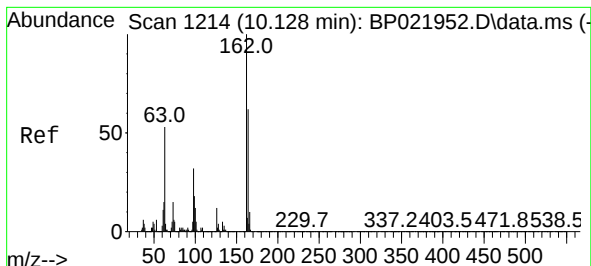
Tgt Ion:122 Resp: 25090
Ion Ratio Lower Upper
122 100
107 128.8 106.1 159.1
121 64.4 49.6 74.4



#28
bis(2-Chloroethoxy)methane
Concen: 8.664 ng
RT: 9.887 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

Tgt Ion: 93 Resp: 50878
Ion Ratio Lower Upper
93 100
95 35.1 25.7 38.5
123 11.3 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 8.004 ng

RT: 10.128 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

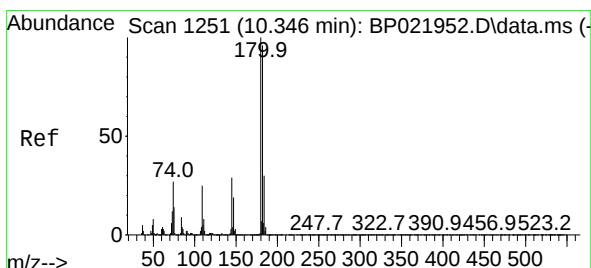
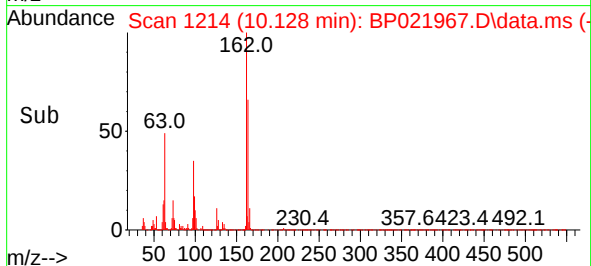
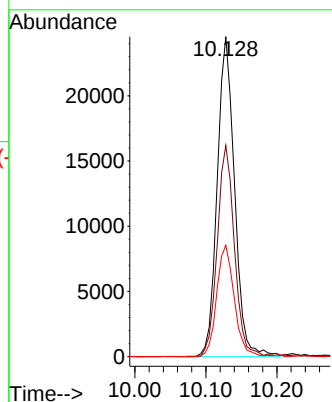
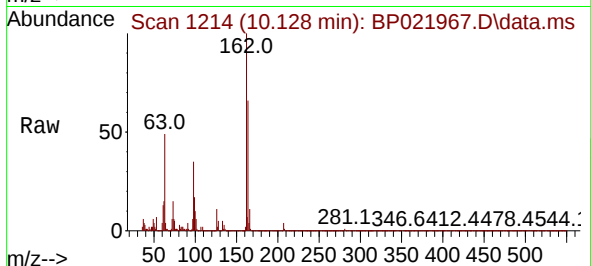
Tgt Ion:162 Resp: 41493

Ion Ratio Lower Upper

162 100

164 66.0 41.7 81.7

98 34.8 12.4 52.4



#30

1,2,4-Trichlorobenzene

Concen: 8.189 ng

RT: 10.340 min Scan# 1250

Delta R.T. -0.006 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

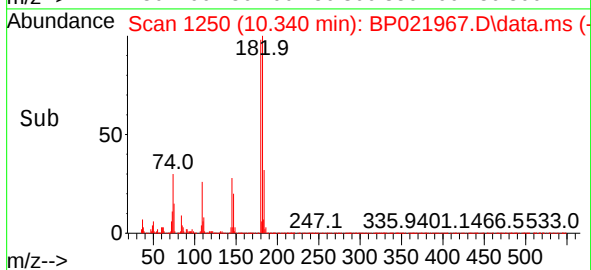
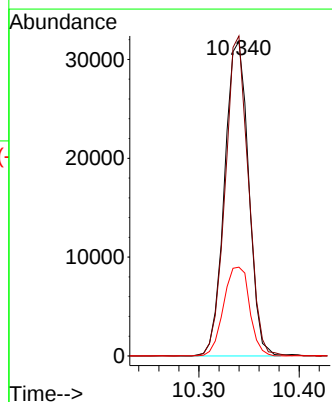
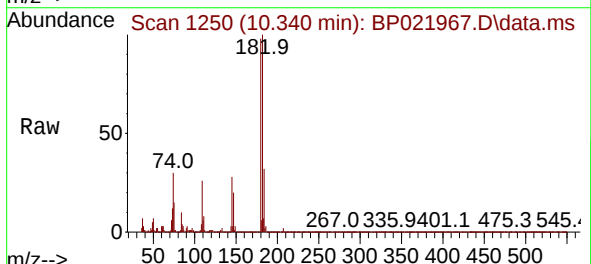
Tgt Ion:180 Resp: 52881

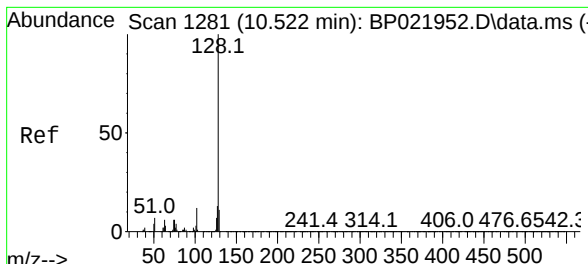
Ion Ratio Lower Upper

180 100

182 101.7 77.0 115.4

145 28.2 23.0 34.6

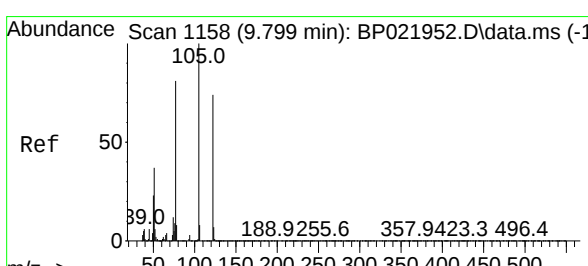
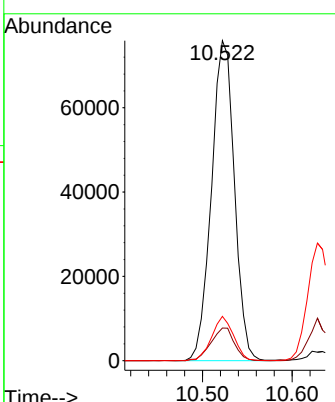
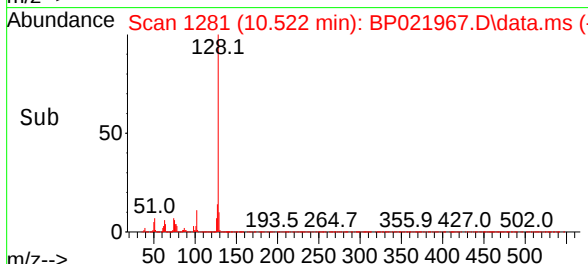
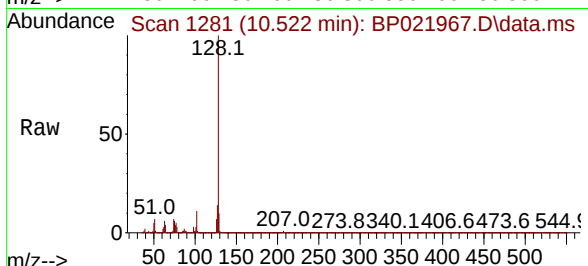




#31
Naphthalene
Concen: 8.599 ng
RT: 10.522 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

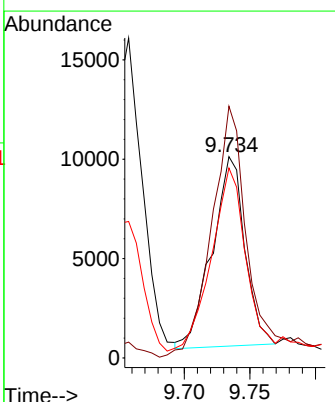
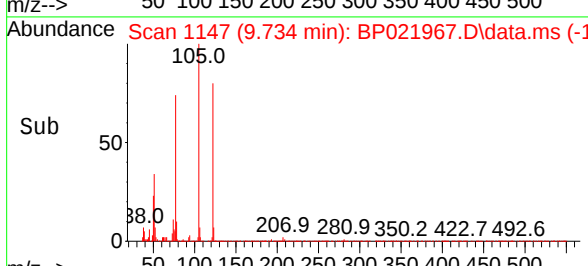
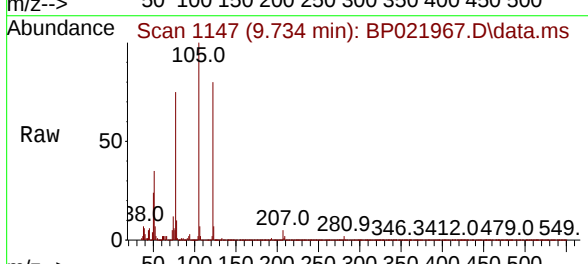
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT2-2024

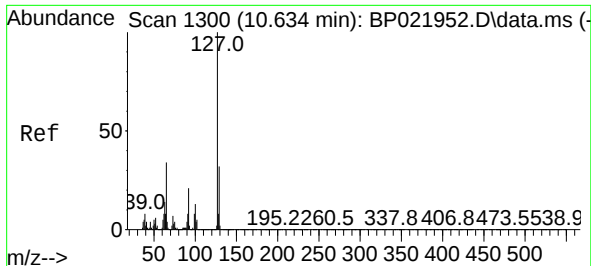
Tgt Ion:	128	Resp:	134875
Ion Ratio	Lower	Upper	
128	100		
129	10.2	8.6	13.0
127	13.8	10.6	15.8



#32
Benzoic acid
Concen: 4.649 ng
RT: 9.734 min Scan# 1147
Delta R.T. -0.065 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

Tgt Ion:	122	Resp:	16599
Ion Ratio	Lower	Upper	
122	100		
105	125.1	111.3	151.3
77	94.4	86.7	126.7





#33

4-Chloroaniline

Concen: 8.986 ng

RT: 10.628 min Scan# 1299

Delta R.T. -0.006 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion:127 Resp: 50835

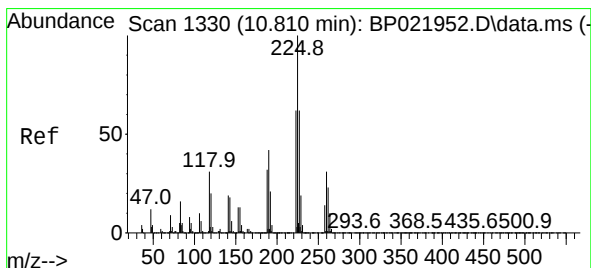
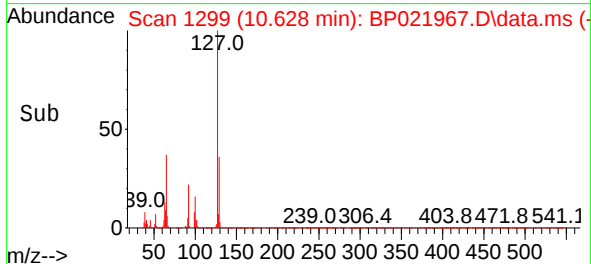
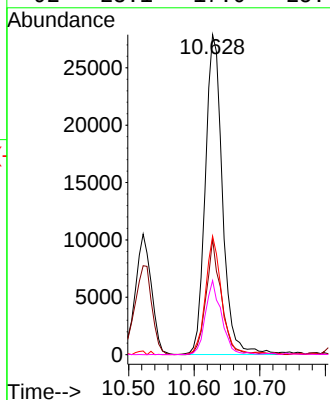
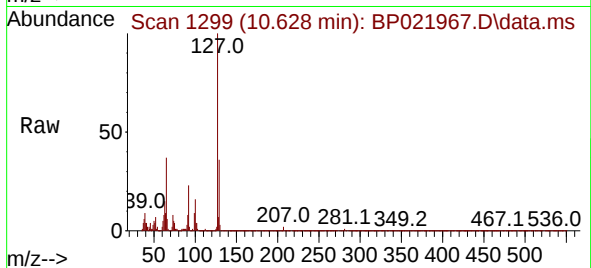
Ion Ratio Lower Upper

127 100

129 36.2 25.4 38.0

65 37.0 27.4 41.2

92 23.1 17.0 25.4



#34

Hexachlorobutadiene

Concen: 7.993 ng

RT: 10.810 min Scan# 1330

Delta R.T. 0.000 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

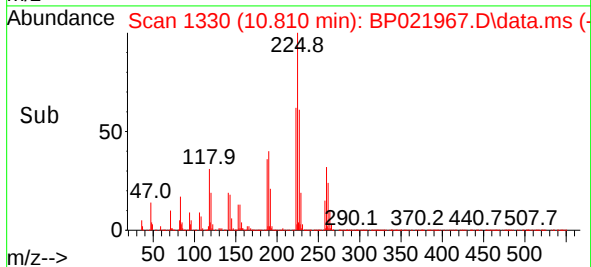
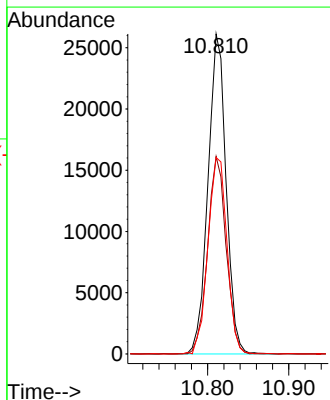
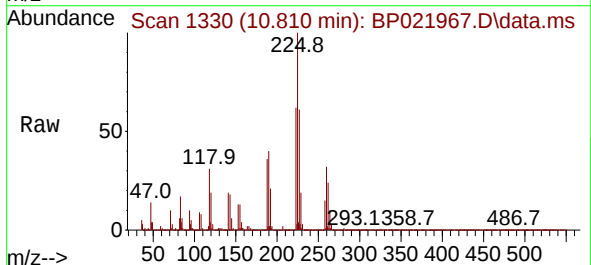
Tgt Ion:225 Resp: 40377

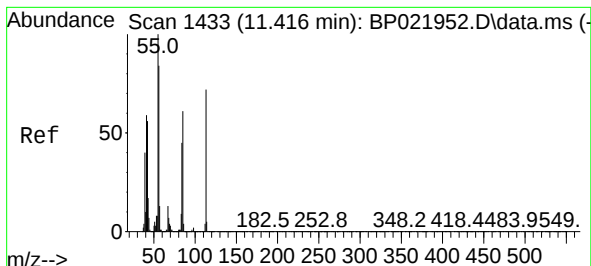
Ion Ratio Lower Upper

225 100

223 61.7 50.0 75.0

227 61.4 49.7 74.5





#35

Caprolactam

Concen: 7.146 ng

RT: 11.399 min Scan# 1430

Delta R.T. -0.018 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

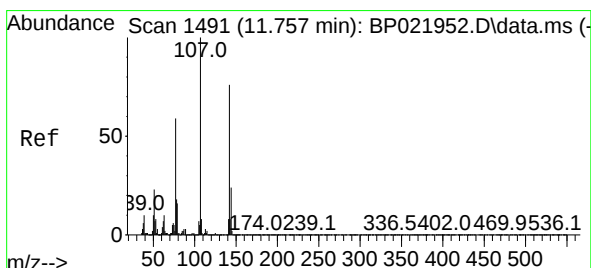
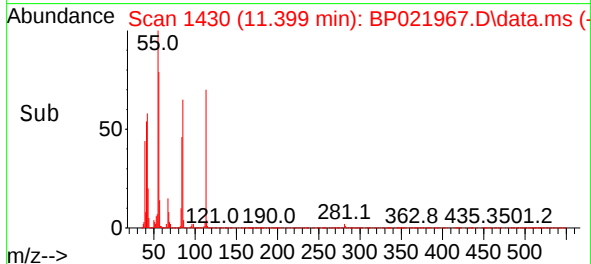
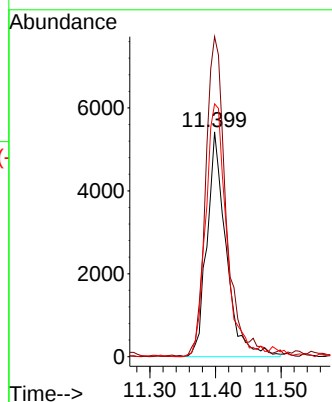
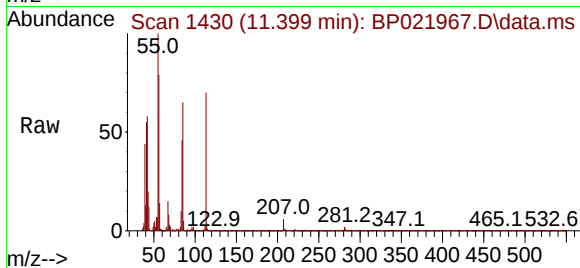
Tgt Ion:113 Resp: 11025

Ion Ratio Lower Upper

113 100

55 142.4 119.4 159.4

56 112.4 97.1 137.1



#36

4-Chloro-3-methylphenol

Concen: 7.959 ng

RT: 11.752 min Scan# 1490

Delta R.T. -0.006 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

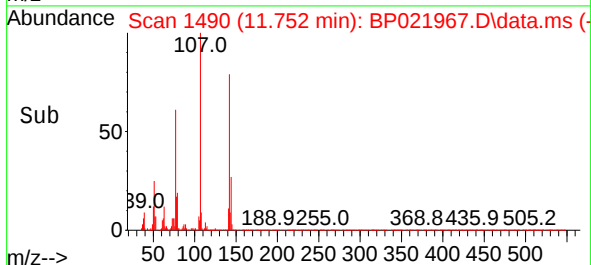
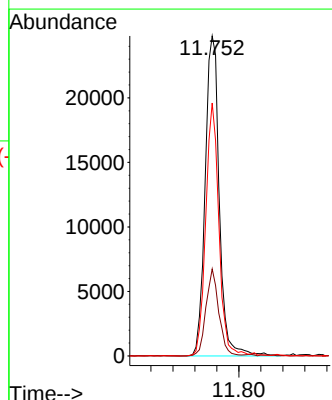
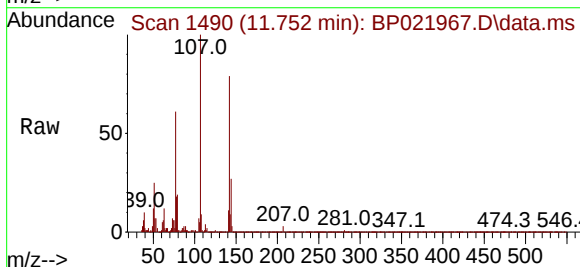
Tgt Ion:107 Resp: 44268

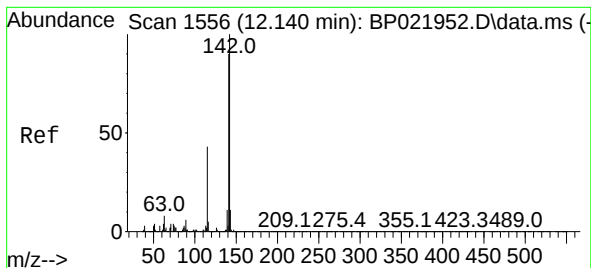
Ion Ratio Lower Upper

107 100

144 27.2 19.0 28.4

142 79.1 60.4 90.6





#37

2-Methylnaphthalene

Concen: 8.293 ng

RT: 12.128 min Scan# 1554

Delta R.T. -0.012 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

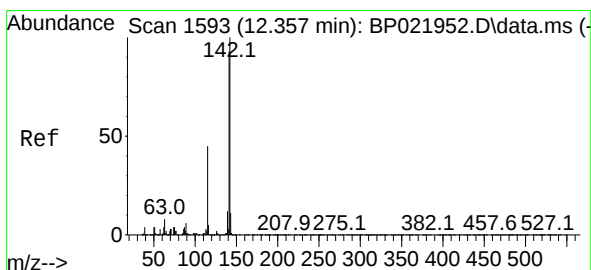
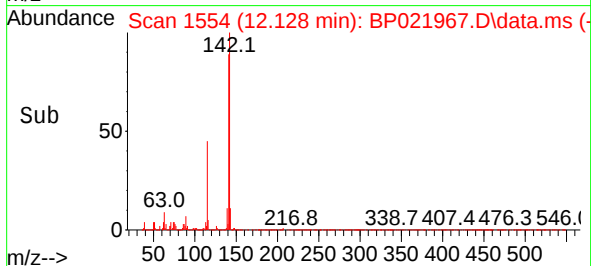
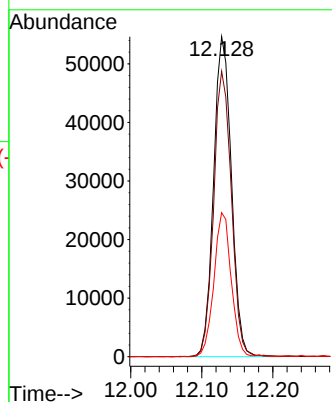
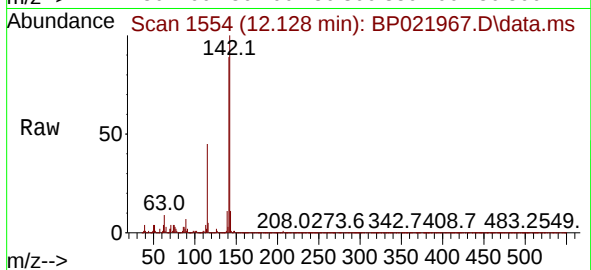
Tgt Ion:142 Resp: 95161

Ion Ratio Lower Upper

142 100

141 89.2 71.7 107.5

115 45.0 34.6 51.8



#38

1-Methylnaphthalene

Concen: 7.941 ng

RT: 12.346 min Scan# 1591

Delta R.T. -0.012 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

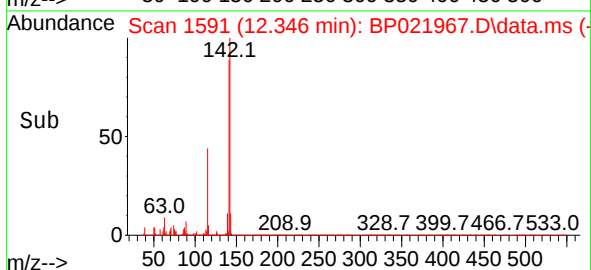
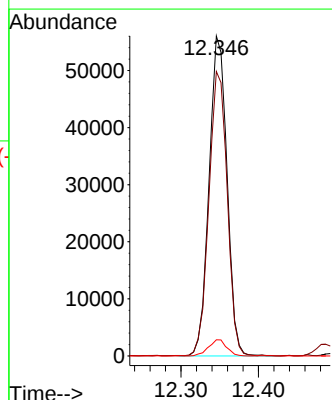
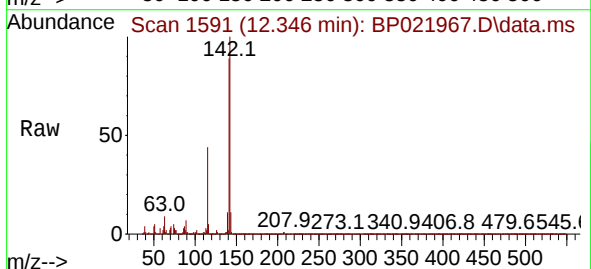
Tgt Ion:142 Resp: 89973

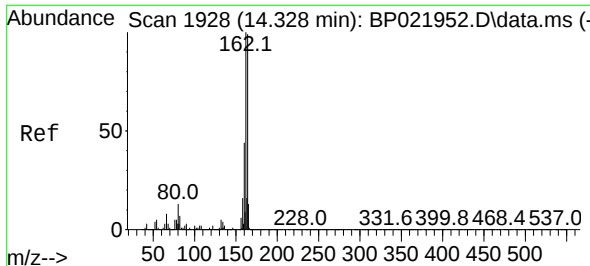
Ion Ratio Lower Upper

142 100

141 88.9 74.1 111.1

116 5.0 3.8 5.8

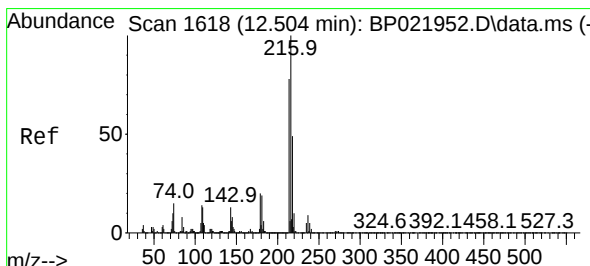
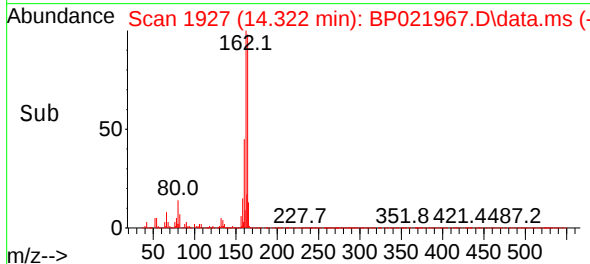
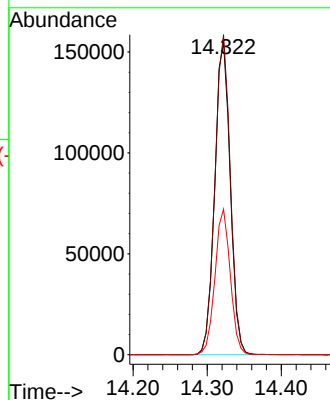
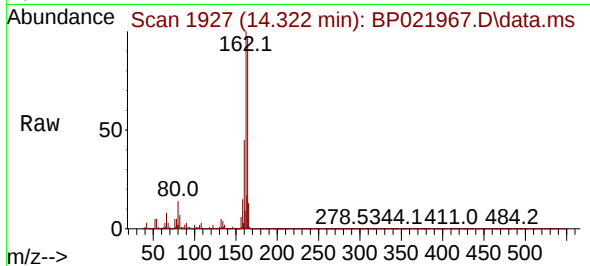




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.322 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

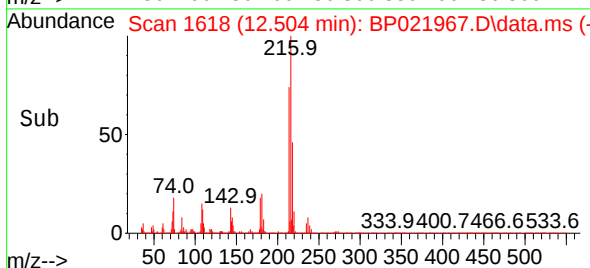
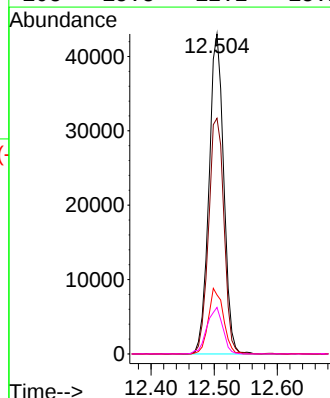
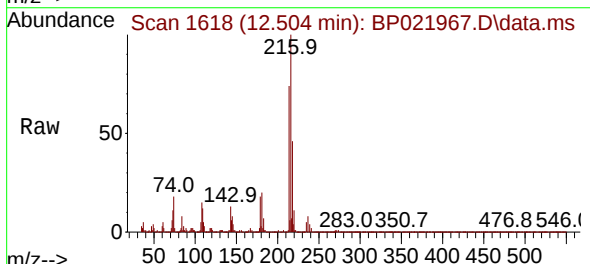
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

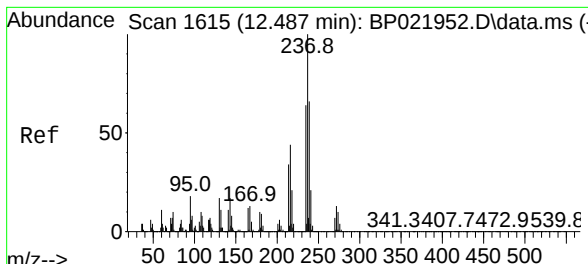
Tgt Ion:164 Resp: 224699
Ion Ratio Lower Upper
164 100
162 102.6 81.2 121.8
160 46.6 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.871 ng
RT: 12.504 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

Tgt Ion:216 Resp: 69738
Ion Ratio Lower Upper
216 100
214 76.8 62.8 94.2
179 20.9 16.4 24.6
108 15.8 12.2 18.2

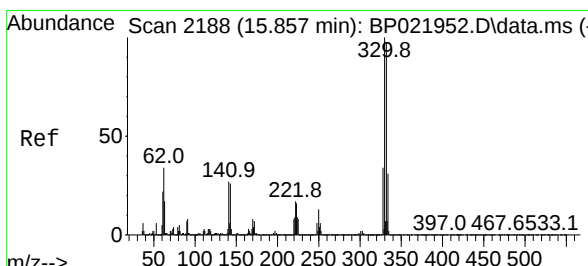
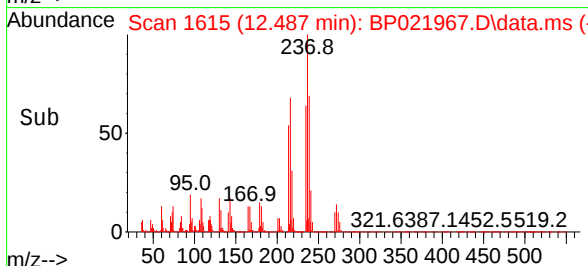
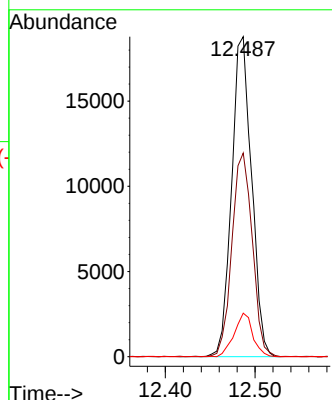
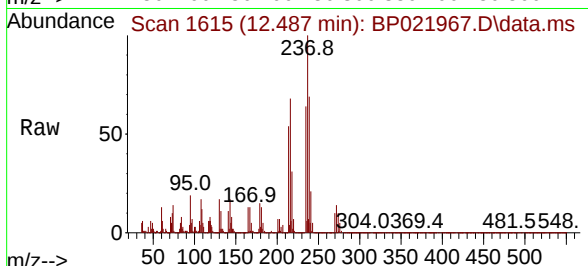




#41
Hexachlorocyclopentadiene
Concen: 9.923 ng
RT: 12.487 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

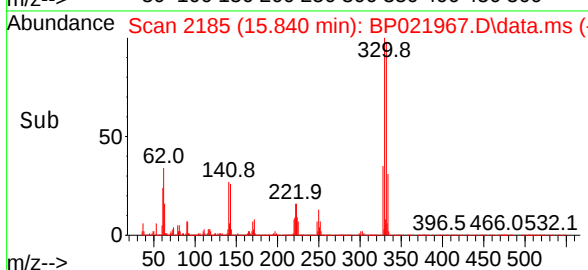
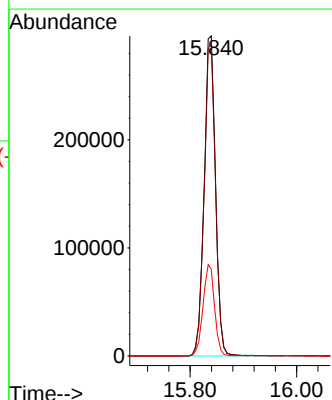
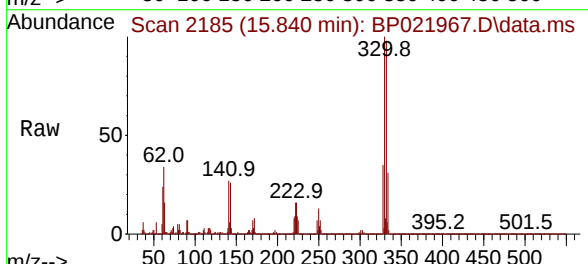
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

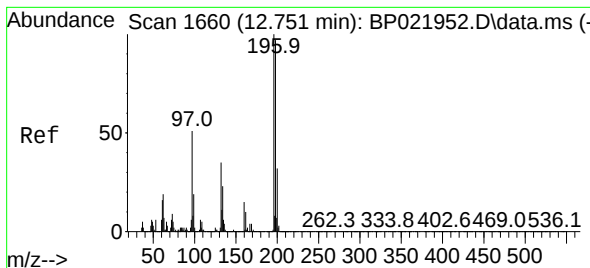
Tgt Ion:	237	Resp:	28985
Ion Ratio	Lower	Upper	
237	100		
235	63.7	44.1	84.1
272	13.6	0.0	33.1



#42
2,4,6-Tribromophenol
Concen: 105.484 ng
RT: 15.840 min Scan# 2185
Delta R.T. -0.018 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

Tgt Ion:	330	Resp:	439411
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.5	116.3
141	28.9	23.4	35.0





#43

2,4,6-Trichlorophenol

Concen: 7.737 ng

RT: 12.740 min Scan# 1658

Delta R.T. -0.012 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

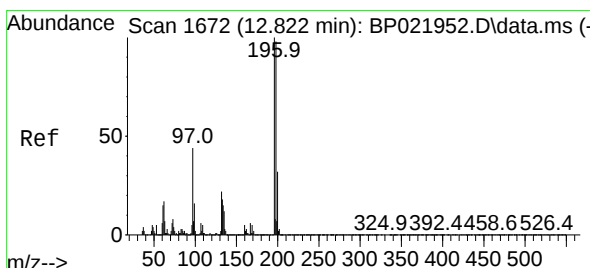
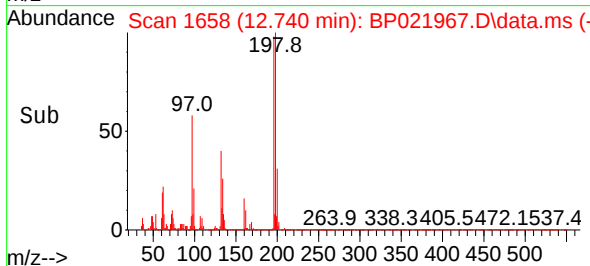
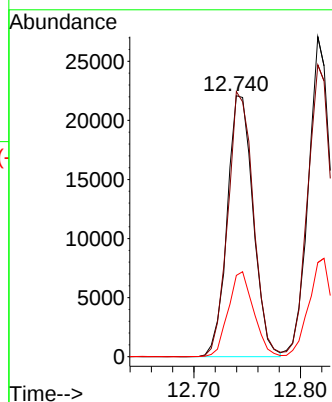
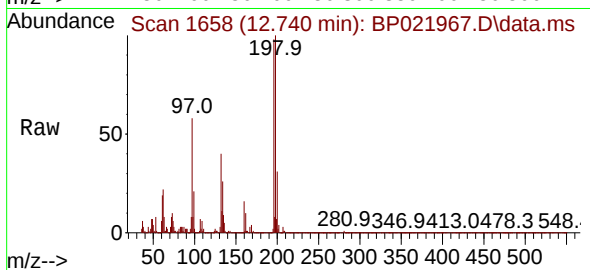
Tgt Ion:196 Resp: 37333

Ion Ratio Lower Upper

196 100

198 101.6 77.6 116.4

200 31.2 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 7.667 ng

RT: 12.816 min Scan# 1671

Delta R.T. -0.006 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Tgt Ion:196 Resp: 41502

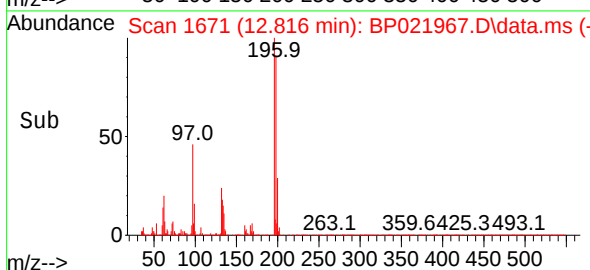
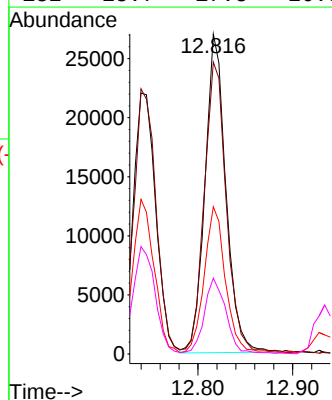
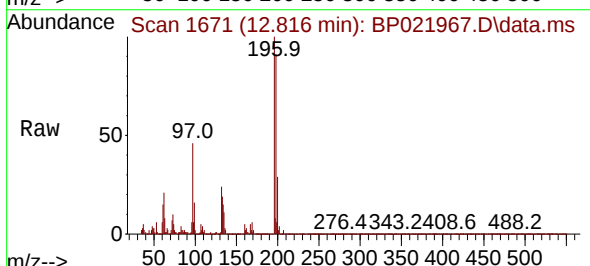
Ion Ratio Lower Upper

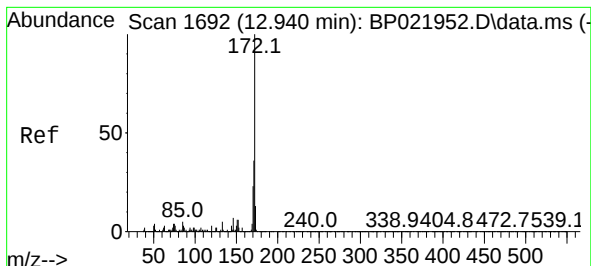
196 100

198 91.2 78.2 117.4

97 46.0 35.0 52.4

132 23.7 17.8 26.8





#45

2-Fluorobiphenyl

Concen: 73.516 ng

RT: 12.934 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

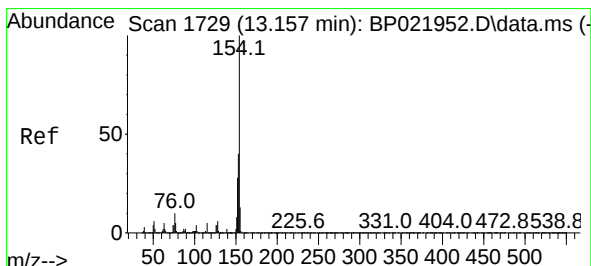
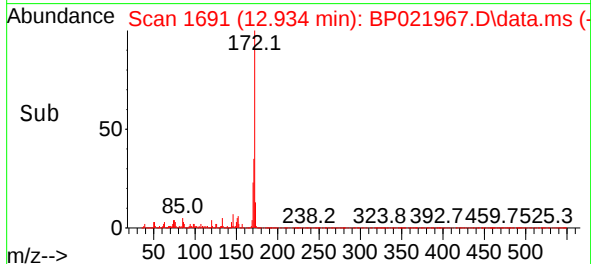
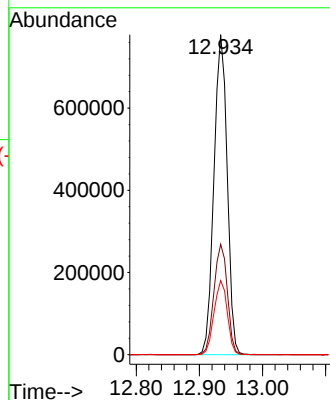
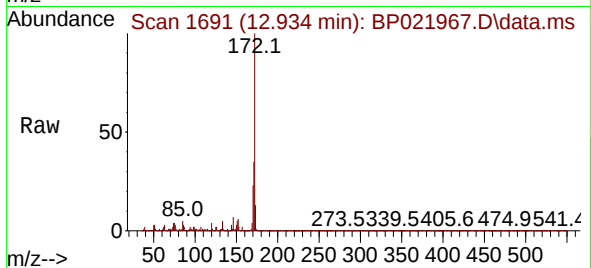
Tgt Ion:172 Resp: 1131618

Ion Ratio Lower Upper

172 100

171 34.5 28.6 43.0

170 23.1 18.8 28.2



#46

1,1'-Biphenyl

Concen: 8.896 ng

RT: 13.151 min Scan# 1728

Delta R.T. -0.006 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

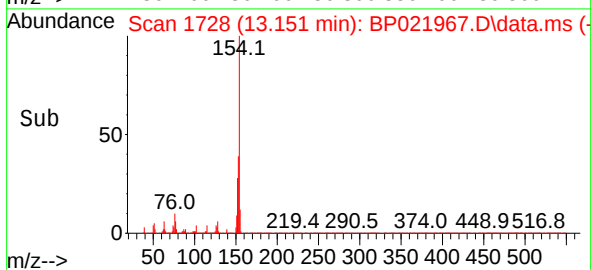
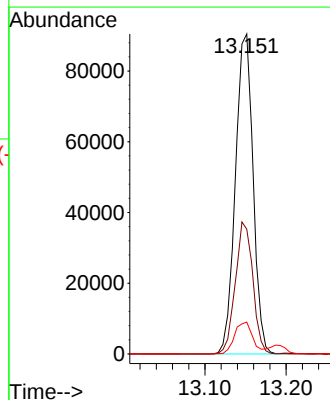
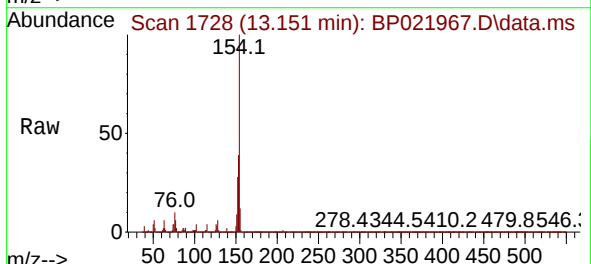
Tgt Ion:154 Resp: 136298

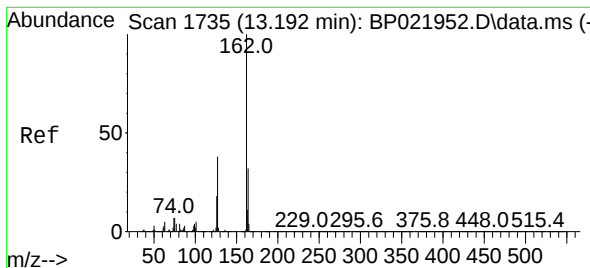
Ion Ratio Lower Upper

154 100

153 39.0 20.2 60.2

76 9.9 0.0 29.9





#47

2-Chloronaphthalene

Concen: 8.479 ng

RT: 13.187 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

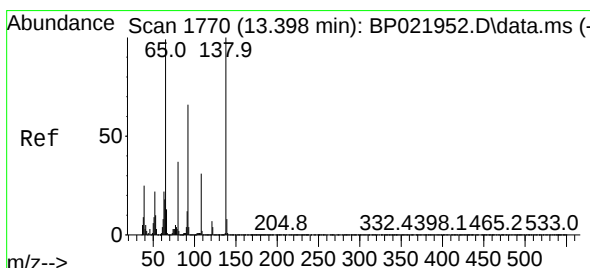
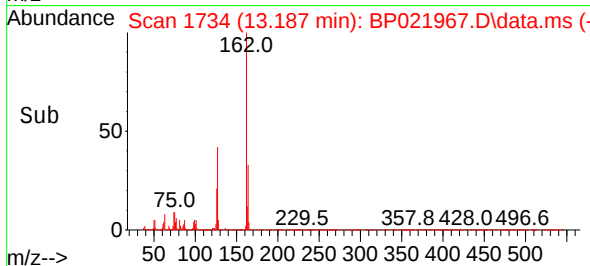
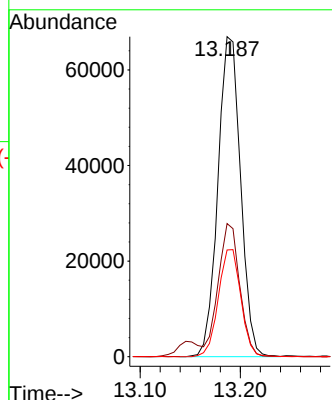
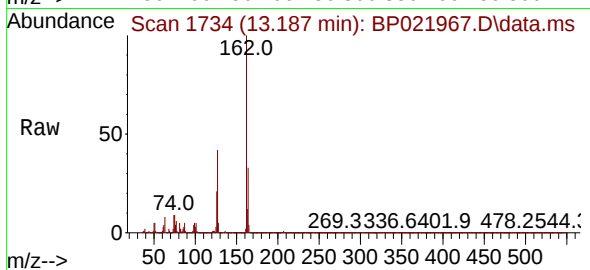
Tgt Ion:162 Resp: 105038

Ion Ratio Lower Upper

162 100

127 41.6 31.7 47.5

164 33.4 25.9 38.9



#48

2-Nitroaniline

Concen: 7.431 ng

RT: 13.393 min Scan# 1769

Delta R.T. -0.006 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

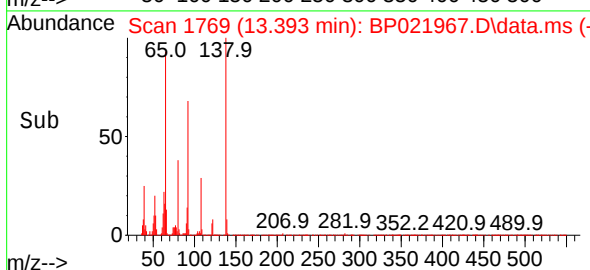
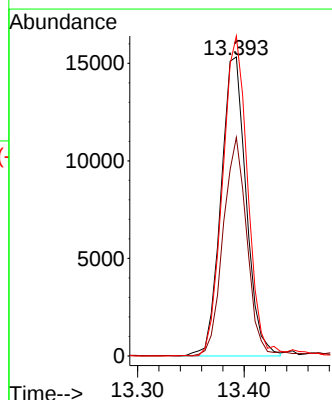
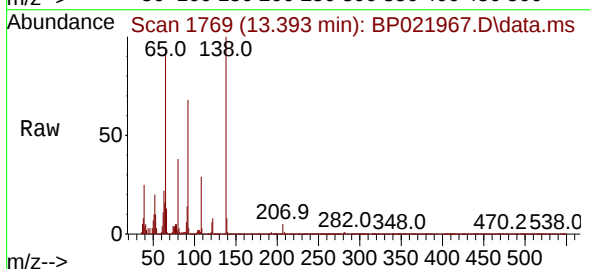
Tgt Ion: 65 Resp: 25137

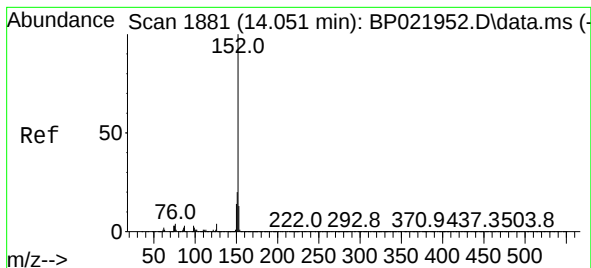
Ion Ratio Lower Upper

65 100

92 73.1 53.2 79.8

138 107.0 81.1 121.7





#49

Acenaphthylene

Concen: 9.153 ng

RT: 14.040 min Scan# 1879

Delta R.T. -0.012 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

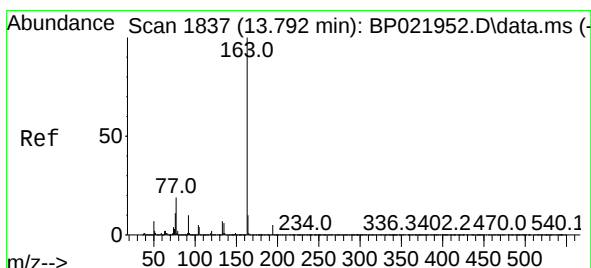
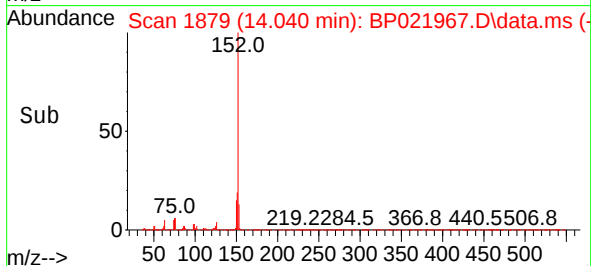
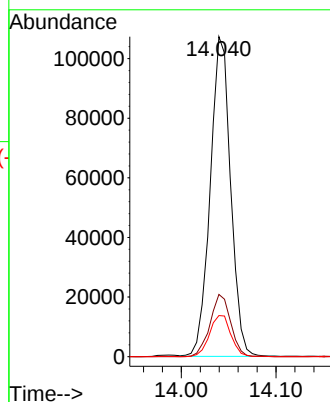
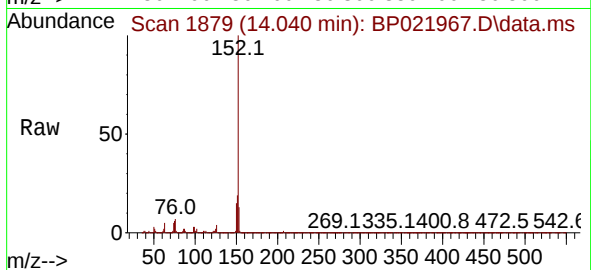
Tgt Ion:152 Resp: 160008

Ion Ratio Lower Upper

152 100

151 19.4 16.0 24.0

153 12.8 10.8 16.2



#50

Dimethylphthalate

Concen: 8.641 ng

RT: 13.775 min Scan# 1834

Delta R.T. -0.018 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

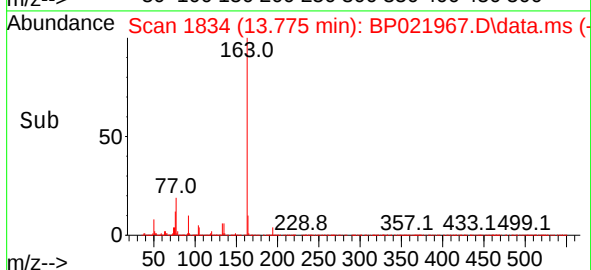
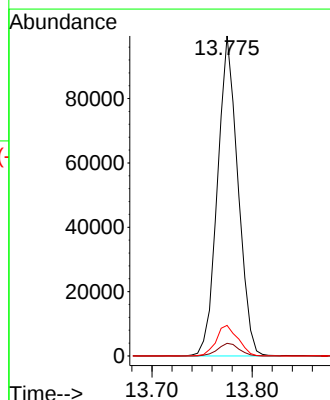
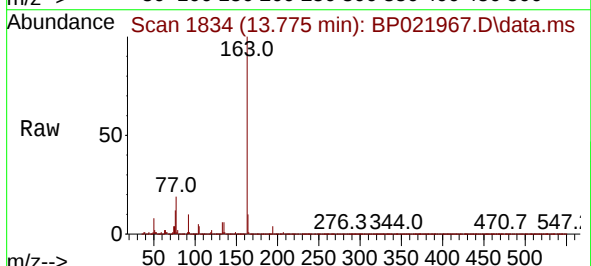
Tgt Ion:163 Resp: 140814

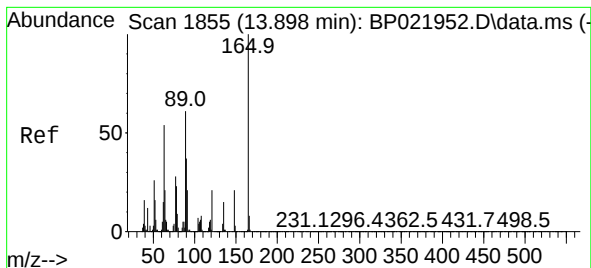
Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

164 9.6 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 7.762 ng

RT: 13.893 min Scan# 1854

Delta R.T. -0.006 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

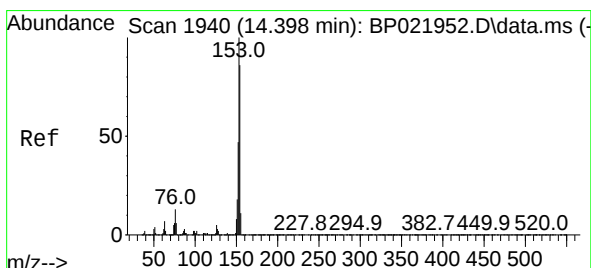
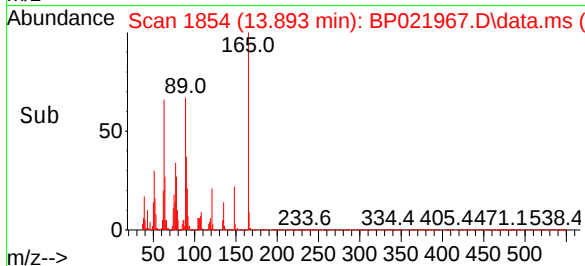
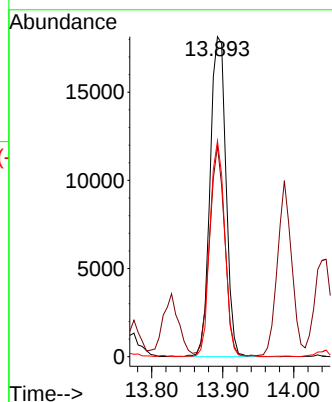
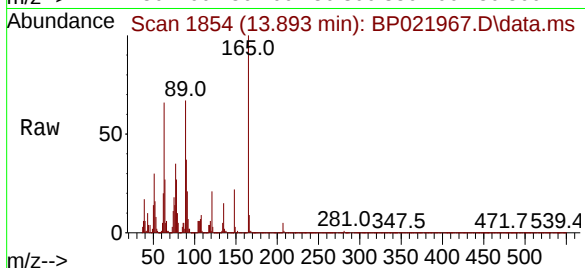
Tgt Ion:165 Resp: 28189

Ion Ratio Lower Upper

165 100

63 65.9 46.4 69.6

89 67.5 48.5 72.7



#52

Acenaphthene

Concen: 8.322 ng

RT: 14.387 min Scan# 1938

Delta R.T. -0.012 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

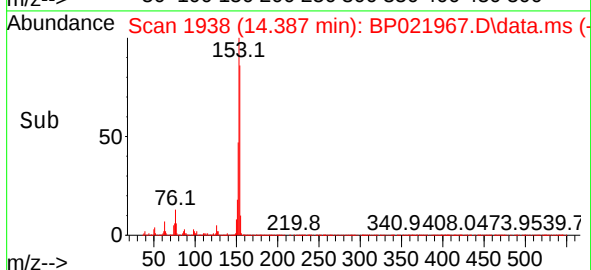
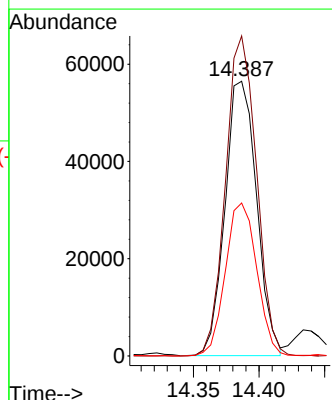
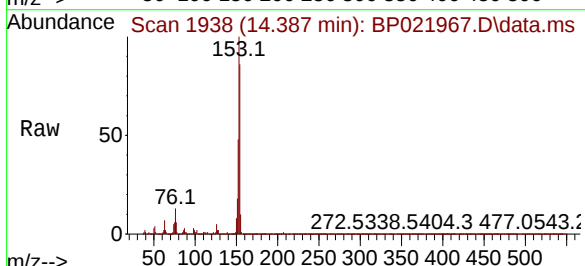
Tgt Ion:154 Resp: 94674

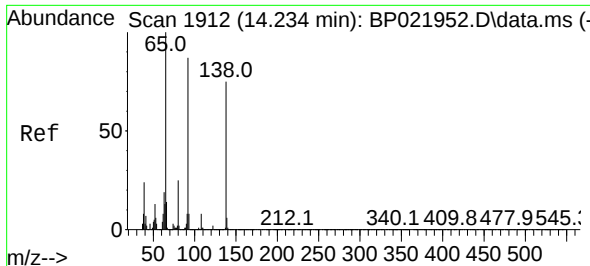
Ion Ratio Lower Upper

154 100

153 116.5 92.7 139.1

152 55.7 43.6 65.4

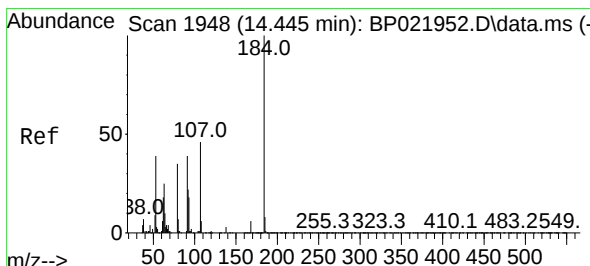
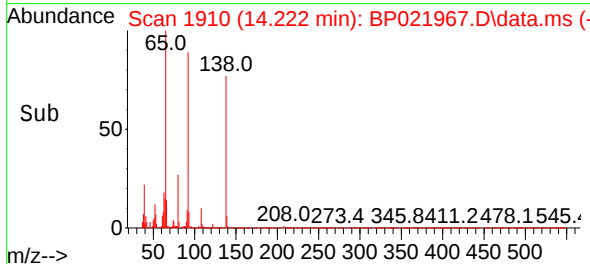
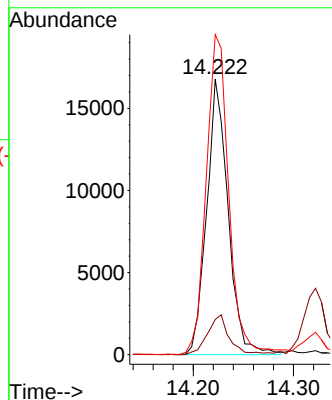
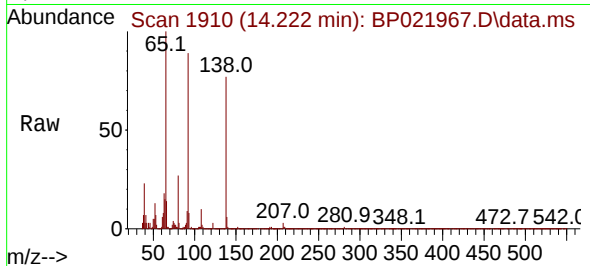




#53
3-Nitroaniline
Concen: 7.725 ng
RT: 14.222 min Scan# 1910
Delta R.T. -0.012 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

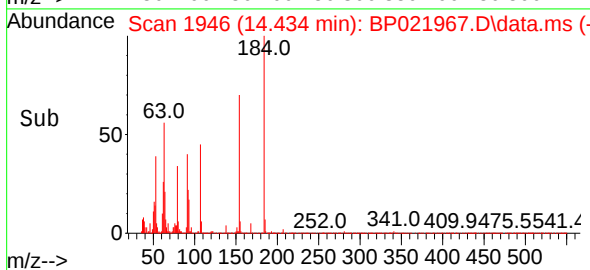
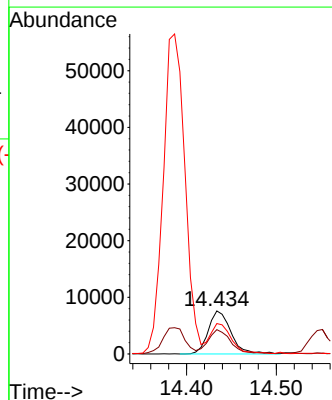
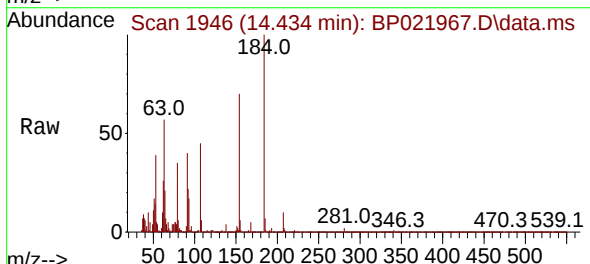
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

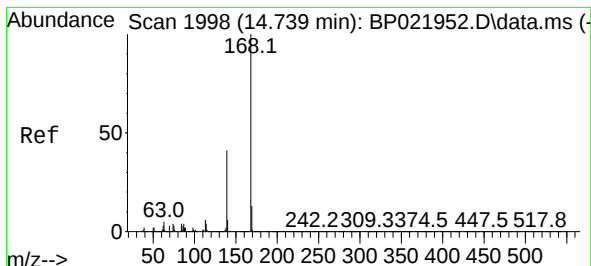
Tgt Ion:138 Resp: 25002
Ion Ratio Lower Upper
138 100
108 12.8 9.0 13.4
92 116.1 92.8 139.2



#54
2,4-Dinitrophenol
Concen: 6.241 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

Tgt Ion:184 Resp: 13280
Ion Ratio Lower Upper
184 100
63 56.5 49.0 73.6
154 70.5 58.1 87.1





#55

Dibenzenofuran

Concen: 8.965 ng

RT: 14.728 min Scan# 1996

Delta R.T. -0.012 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

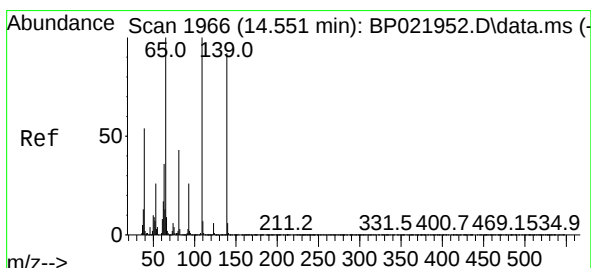
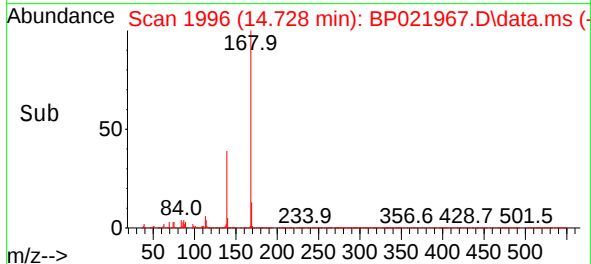
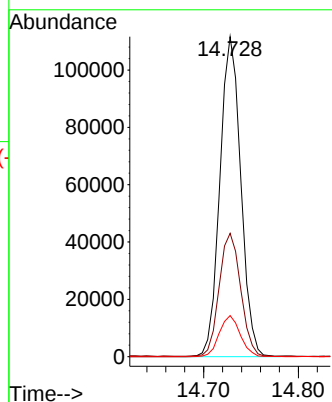
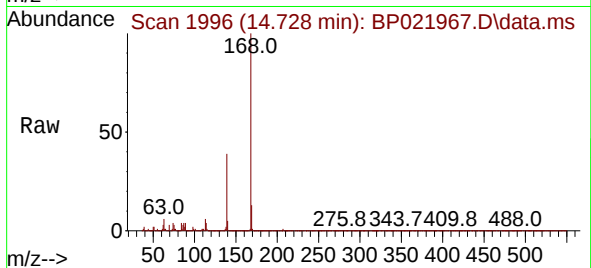
Tgt Ion:168 Resp: 171431

Ion Ratio Lower Upper

168 100

139 38.6 33.0 49.4

169 12.9 10.7 16.1



#56

4-Nitrophenol

Concen: 7.142 ng

RT: 14.551 min Scan# 1966

Delta R.T. 0.000 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

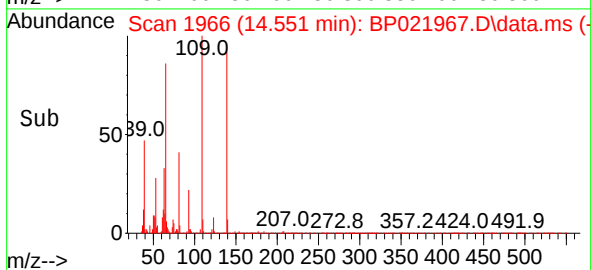
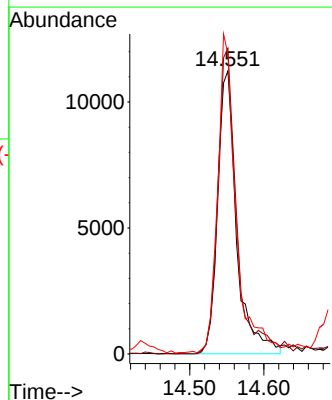
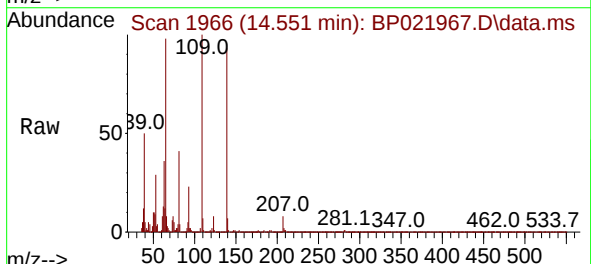
Tgt Ion:139 Resp: 20119

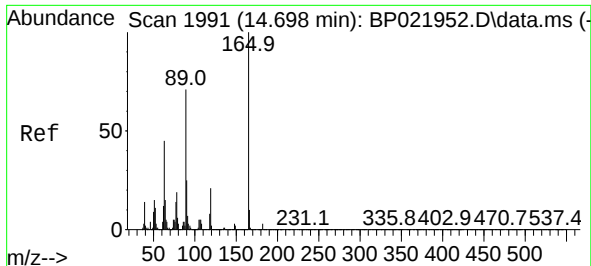
Ion Ratio Lower Upper

139 100

109 108.1 88.6 128.6

65 105.9 88.7 128.7





#57

2,4-Dinitrotoluene

Concen: 7.417 ng

RT: 14.687 min Scan# 1989

Delta R.T. -0.012 min

Lab File: BP021967.D

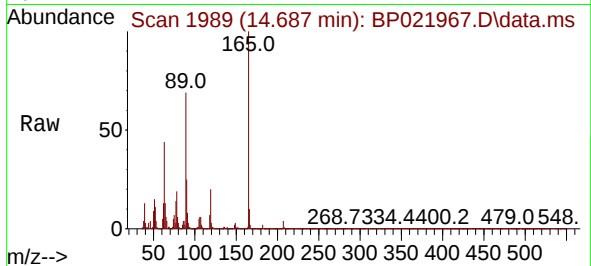
Acq: 20 Sep 2024 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024



Tgt Ion:165 Resp: 38078

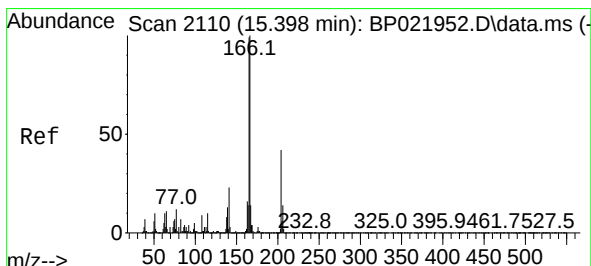
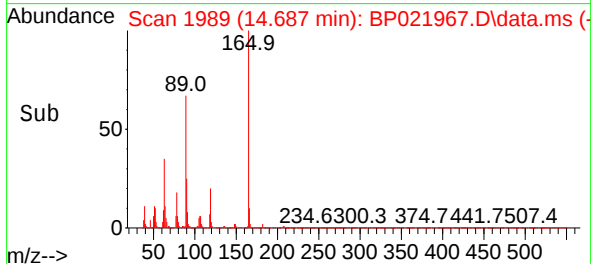
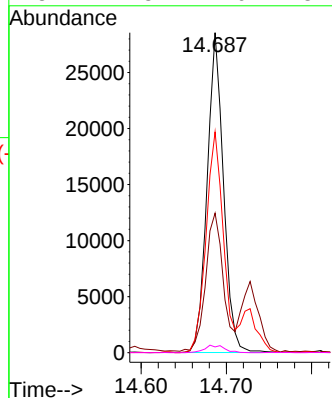
Ion Ratio Lower Upper

165 100

63 43.6 36.3 54.5

89 69.0 57.2 85.8

182 1.8 2.6 3.8#



#58

Fluorene

Concen: 8.428 ng

RT: 15.381 min Scan# 2107

Delta R.T. -0.018 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

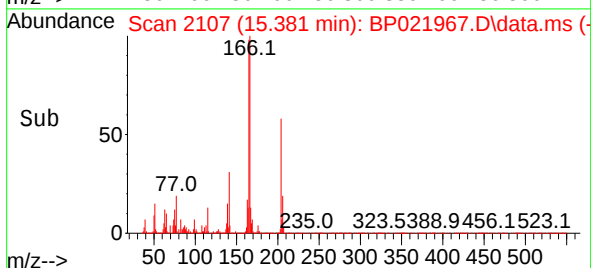
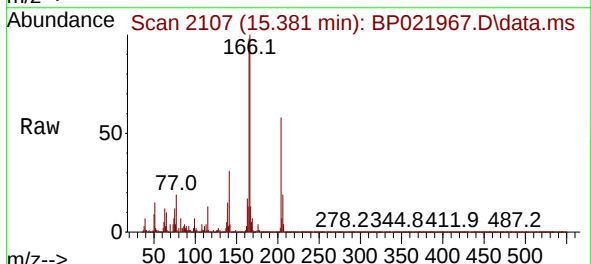
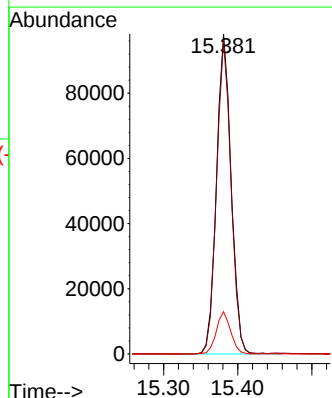
Tgt Ion:166 Resp: 134593

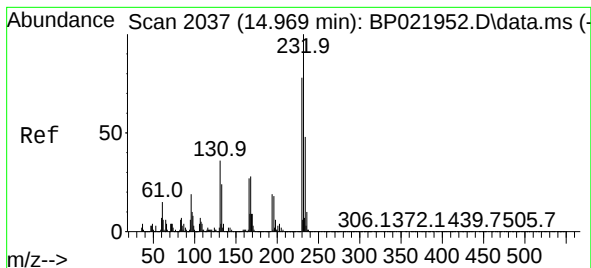
Ion Ratio Lower Upper

166 100

165 98.0 79.4 119.2

167 13.2 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 8.261 ng

RT: 14.957 min Scan# 2035

Delta R.T. -0.012 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion:232 Resp: 43153

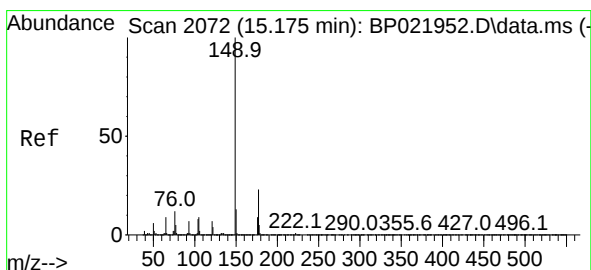
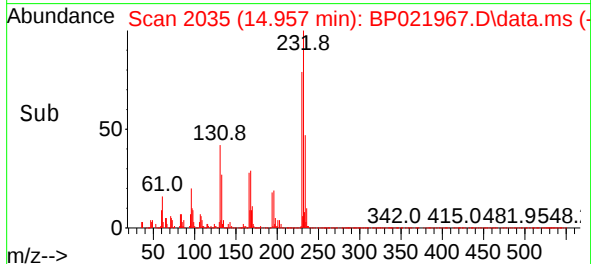
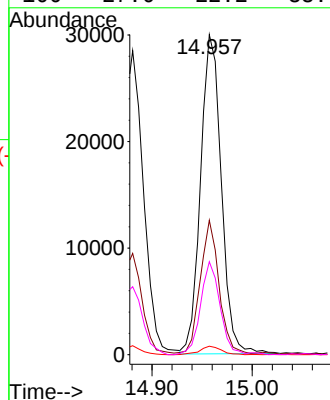
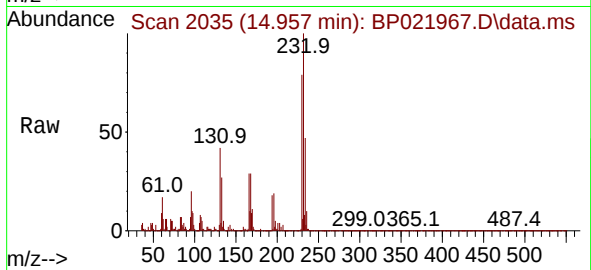
Ion Ratio Lower Upper

232 100

131 37.8 30.2 45.4

130 2.7 1.9 2.9

166 27.6 22.2 33.4



#60

Diethylphthalate

Concen: 8.292 ng

RT: 15.163 min Scan# 2070

Delta R.T. -0.012 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

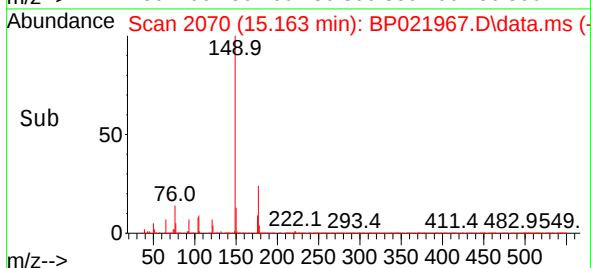
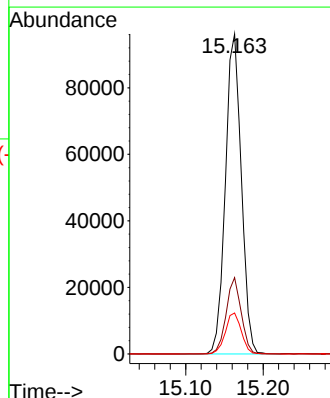
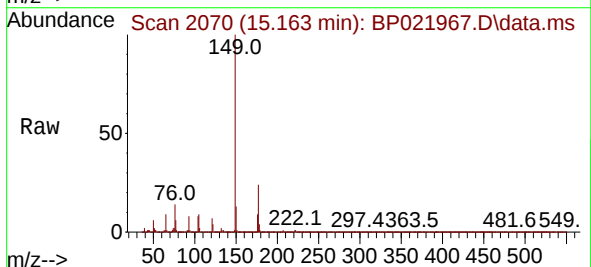
Tgt Ion:149 Resp: 137325

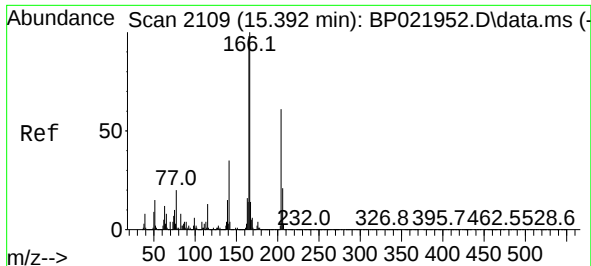
Ion Ratio Lower Upper

149 100

177 23.9 18.2 27.4

150 12.8 10.1 15.1

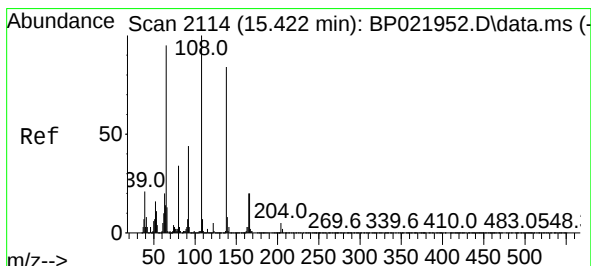
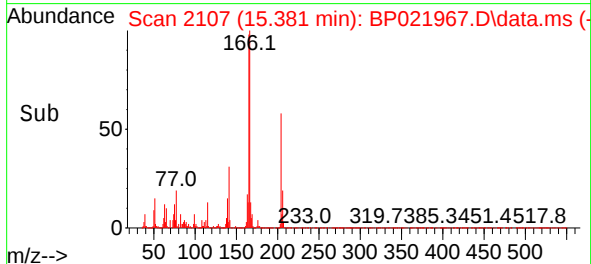
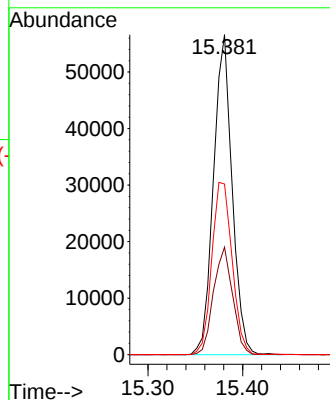
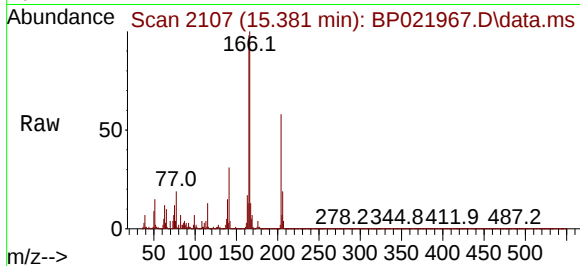




#61
4-Chlorophenyl-phenylether
Concen: 8.335 ng
RT: 15.381 min Scan# 2109
Delta R.T. -0.012 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

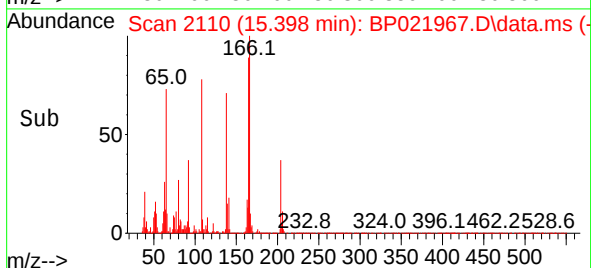
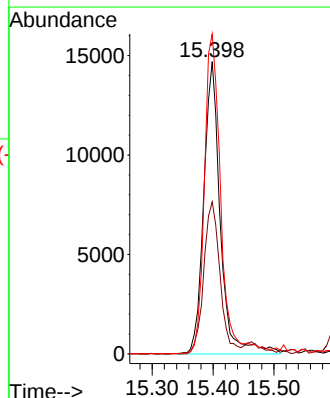
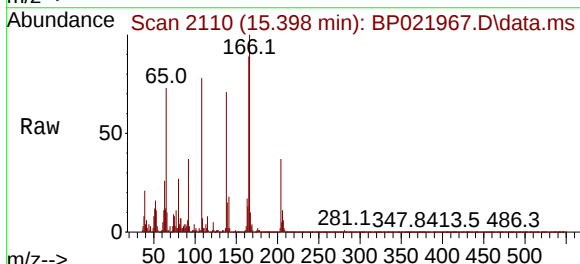
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

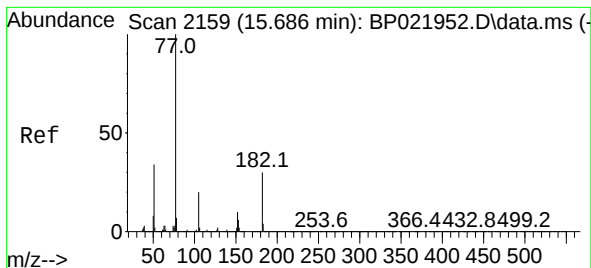
Tgt Ion:204 Resp: 77490
Ion Ratio Lower Upper
204 100
206 33.6 27.3 40.9
141 53.3 45.7 68.5



#62
4-Nitroaniline
Concen: 7.805 ng
RT: 15.398 min Scan# 2110
Delta R.T. -0.023 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

Tgt Ion:138 Resp: 27777
Ion Ratio Lower Upper
138 100
92 52.0 32.6 72.6
108 109.5 98.6 138.6





#63

Azobenzene

Concen: 8.715 ng

RT: 15.681 min Scan# 2159

Delta R.T. -0.006 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion: 77 Resp: 119440

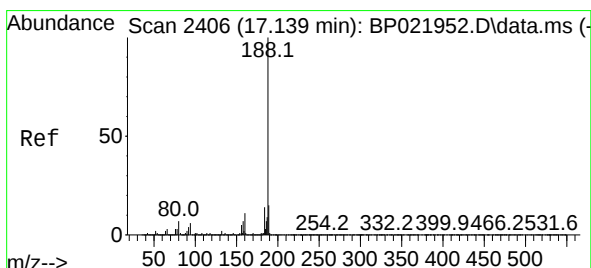
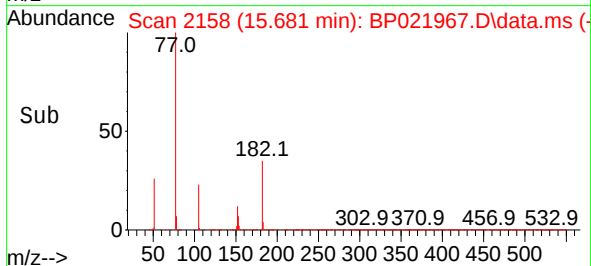
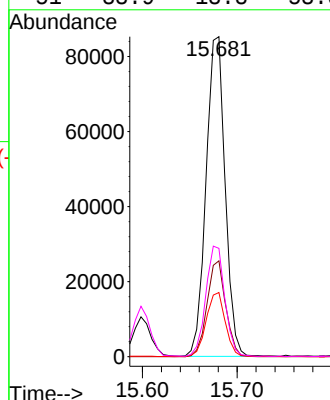
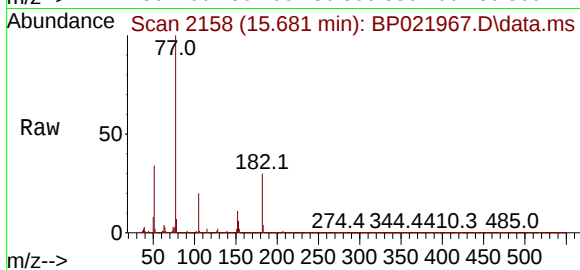
Ion Ratio Lower Upper

77 100

182 29.9 9.6 49.6

105 20.1 0.0 39.8

51 33.9 13.8 53.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.122 min Scan# 2403

Delta R.T. -0.017 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

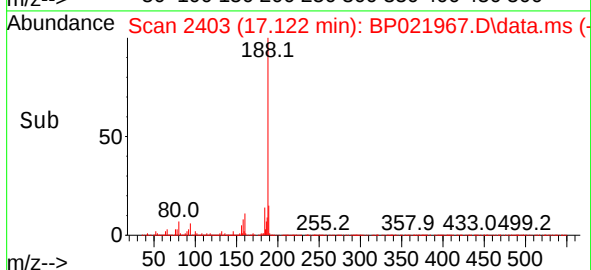
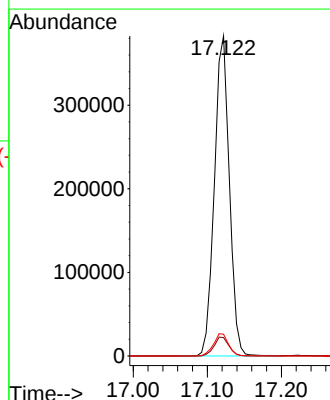
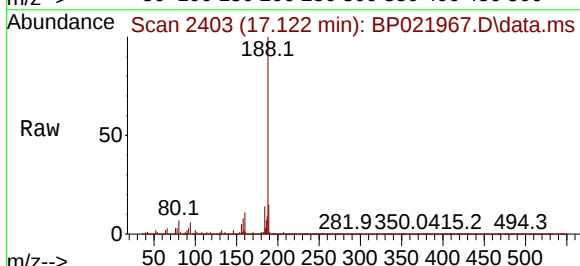
Tgt Ion:188 Resp: 536509

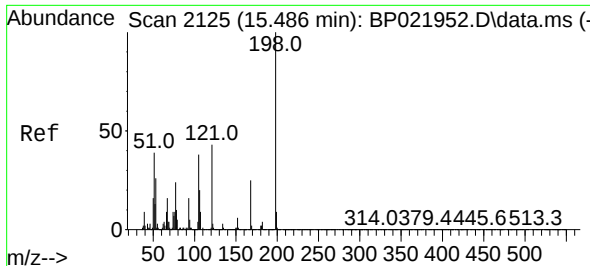
Ion Ratio Lower Upper

188 100

94 5.7 4.6 6.8

80 6.8 5.4 8.2

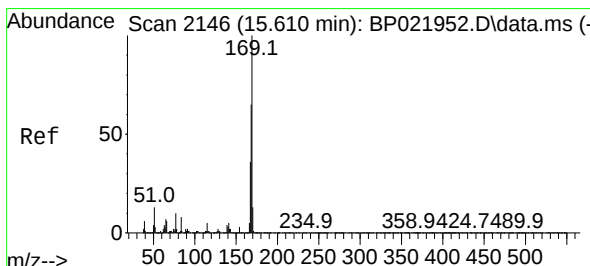
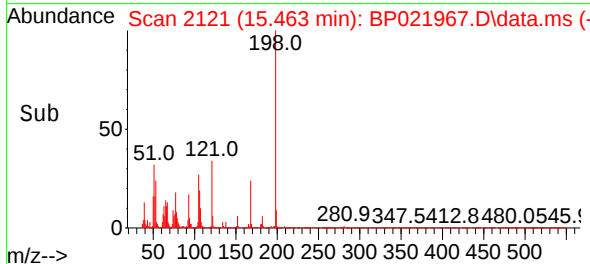
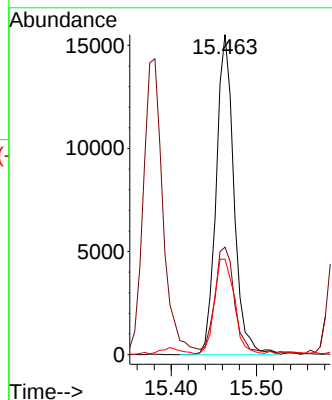
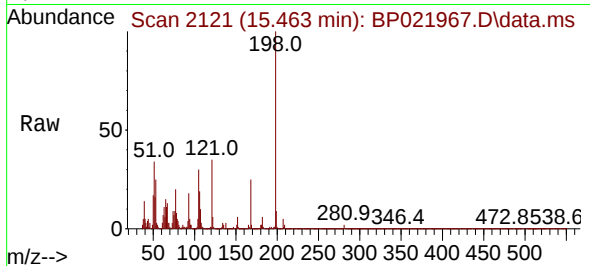




#65
4,6-Dinitro-2-methylphenol
Concen: 7.222 ng
RT: 15.463 min Scan# 2125
Delta R.T. -0.023 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

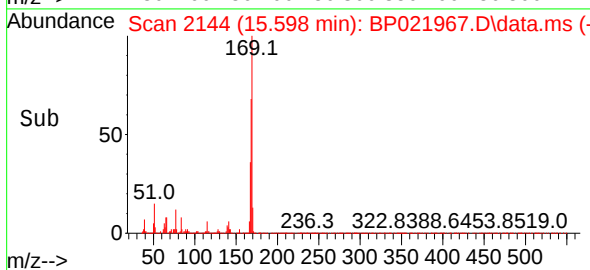
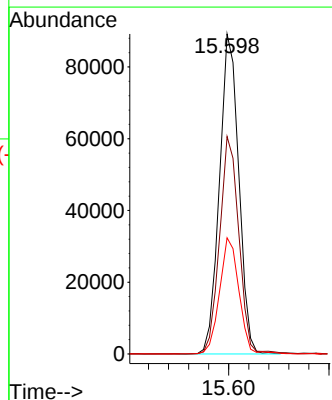
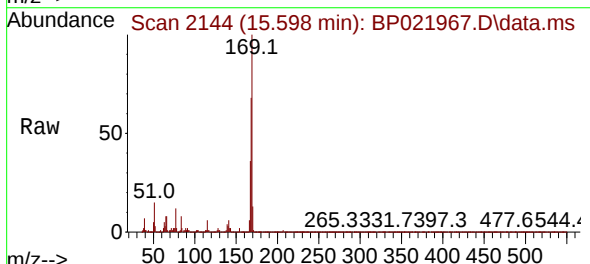
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

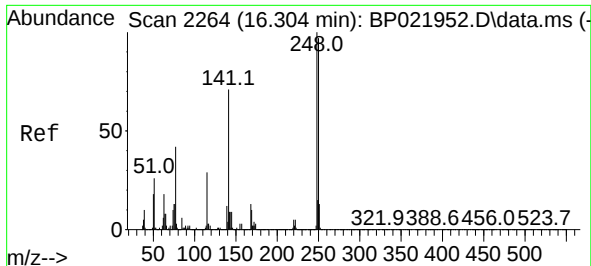
Tgt Ion:198 Resp: 22458
Ion Ratio Lower Upper
198 100
51 33.6 20.7 60.7
105 29.8 18.4 58.4



#66
n-Nitrosodiphenylamine
Concen: 8.909 ng
RT: 15.598 min Scan# 2144
Delta R.T. -0.012 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

Tgt Ion:169 Resp: 119012
Ion Ratio Lower Upper
169 100
168 67.9 52.2 78.4
167 36.3 28.6 42.8





#67

4-Bromophenyl-phenylether

Concen: 8.432 ng

RT: 16.298 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

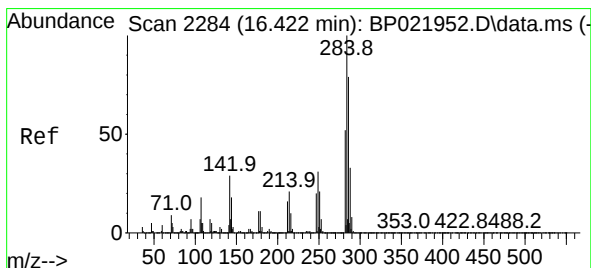
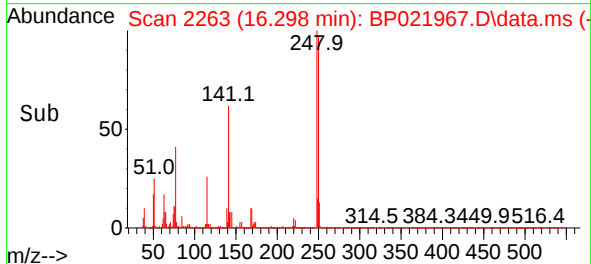
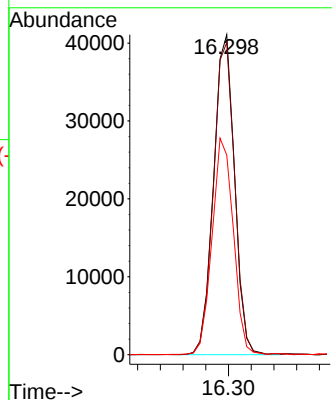
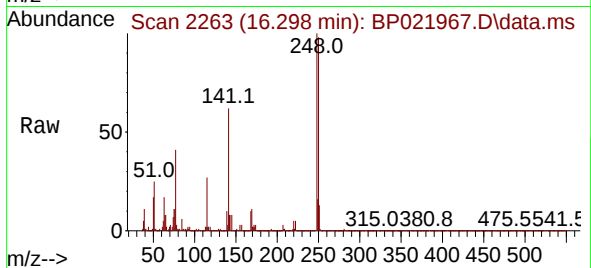
Tgt Ion:248 Resp: 52733

Ion Ratio Lower Upper

248 100

250 97.6 77.5 116.3

141 62.4 56.5 84.7



#68

Hexachlorobenzene

Concen: 8.541 ng

RT: 16.410 min Scan# 2282

Delta R.T. -0.012 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

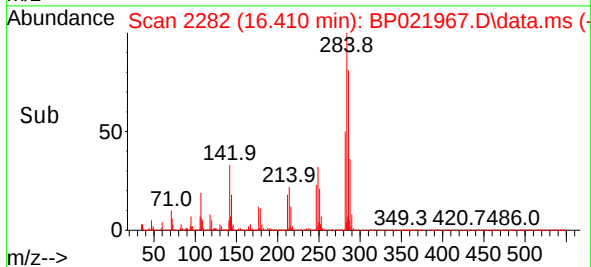
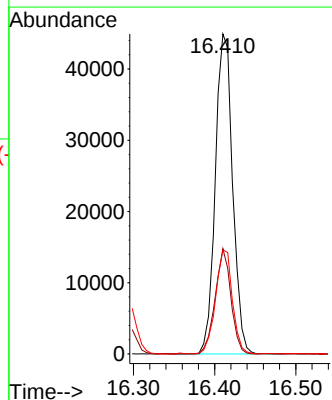
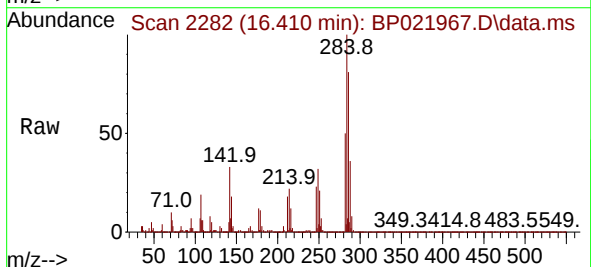
Tgt Ion:284 Resp: 66597

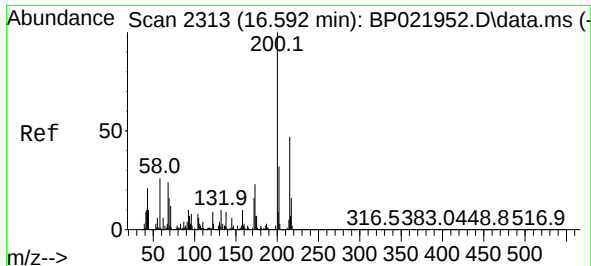
Ion Ratio Lower Upper

284 100

142 32.9 22.9 34.3

249 32.5 25.2 37.8

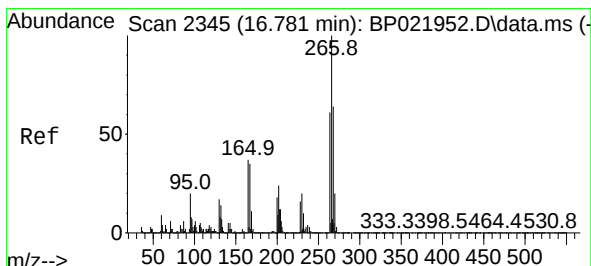
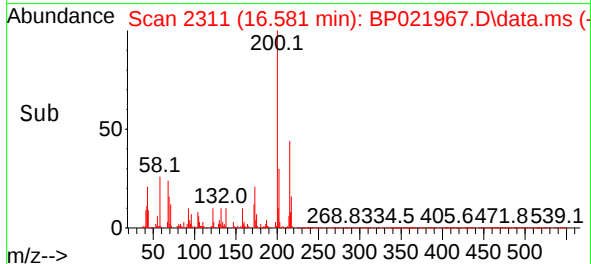
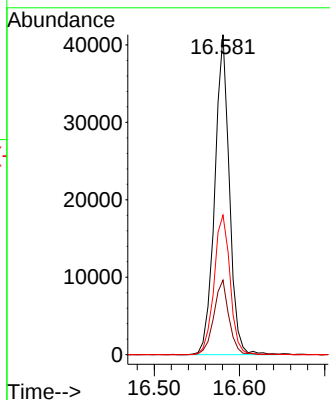
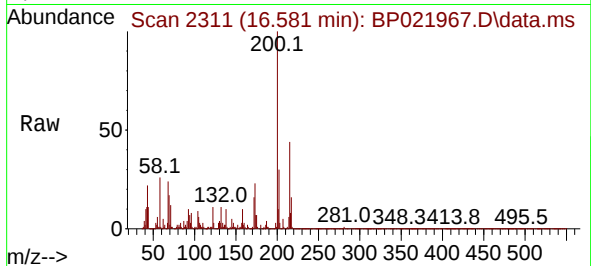




#69
Atrazine
Concen: 10.288 ng
RT: 16.581 min Scan# 2311
Delta R.T. -0.012 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

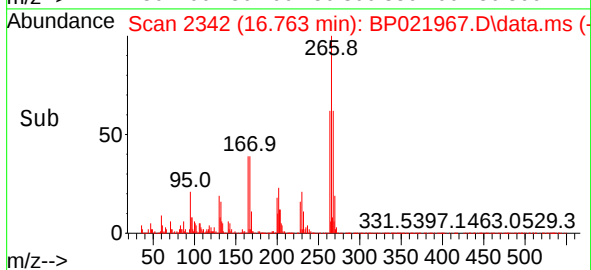
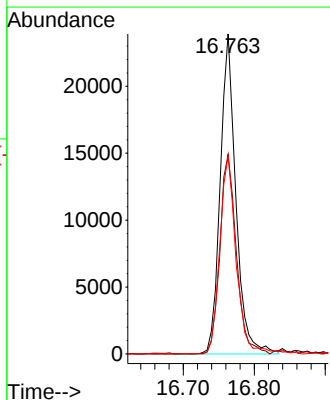
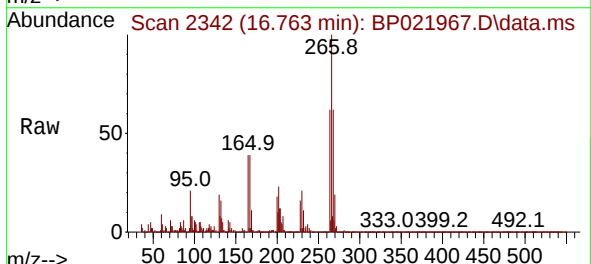
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

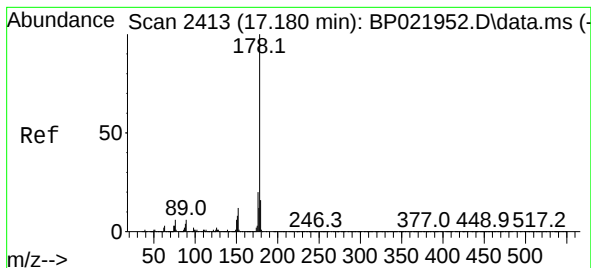
Tgt Ion:200 Resp: 49243
Ion Ratio Lower Upper
200 100
173 23.3 3.0 43.0
215 43.6 27.4 67.4



#70
Pentachlorophenol
Concen: 6.954 ng
RT: 16.763 min Scan# 2342
Delta R.T. -0.018 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

Tgt Ion:266 Resp: 36482
Ion Ratio Lower Upper
266 100
268 62.4 51.1 76.7
264 61.8 48.6 72.8





#71

Phenanthrene

Concen: 8.878 ng

RT: 17.163 min Scan# 2410

Delta R.T. -0.017 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

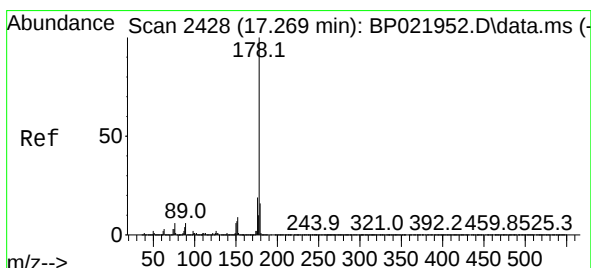
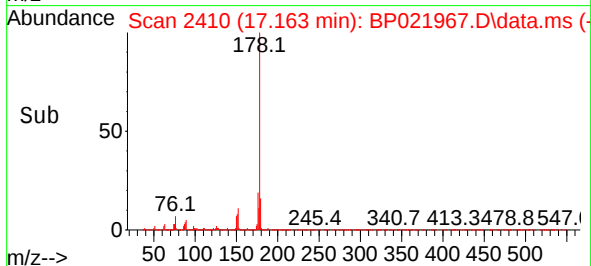
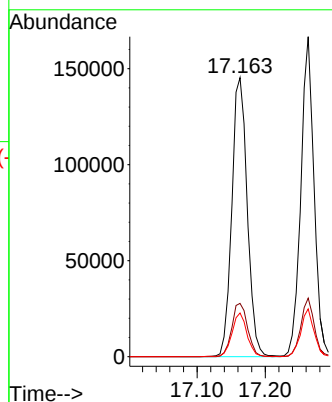
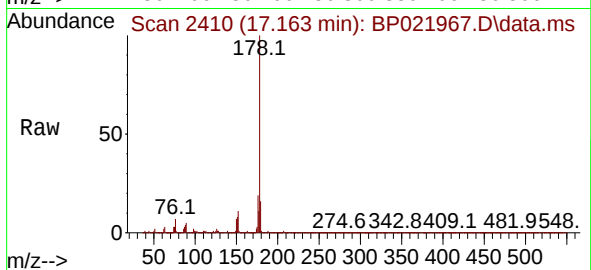
Tgt Ion:178 Resp: 228640

Ion Ratio Lower Upper

178 100

176 19.1 15.9 23.9

179 15.7 12.5 18.7



#72

Anthracene

Concen: 8.993 ng

RT: 17.263 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

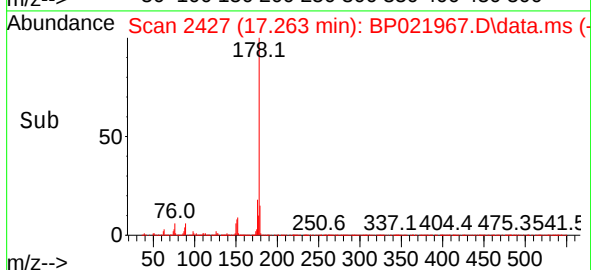
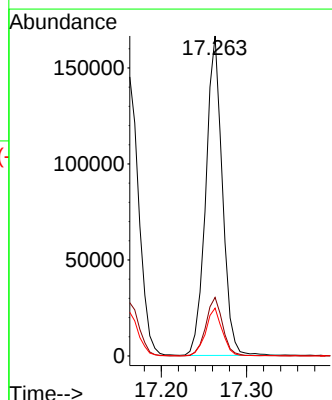
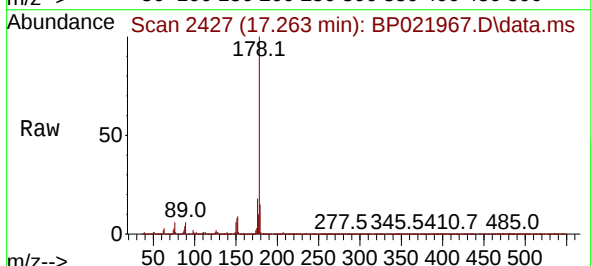
Tgt Ion:178 Resp: 224202

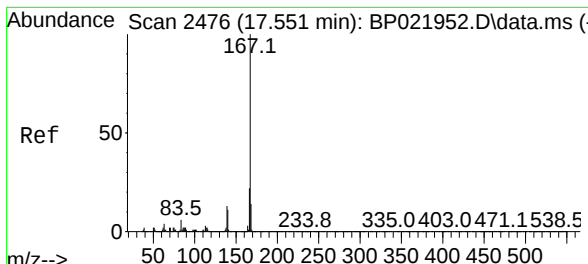
Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.6

179 14.9 12.6 18.8





#73

Carbazole

Concen: 8.599 ng

RT: 17.539 min Scan# 2474

Delta R.T. -0.012 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

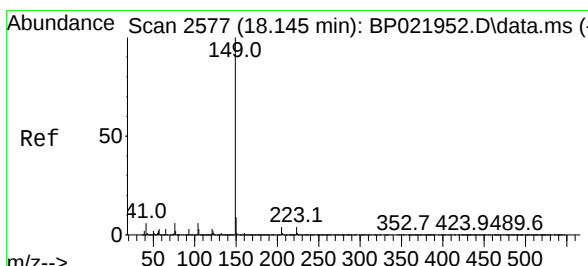
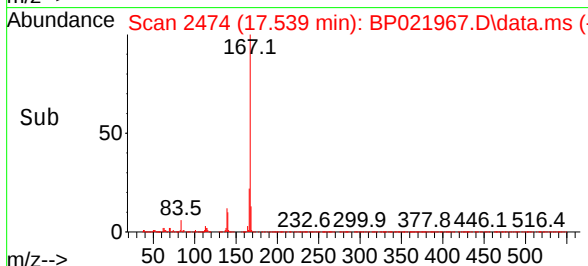
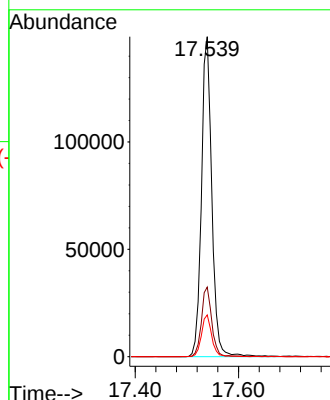
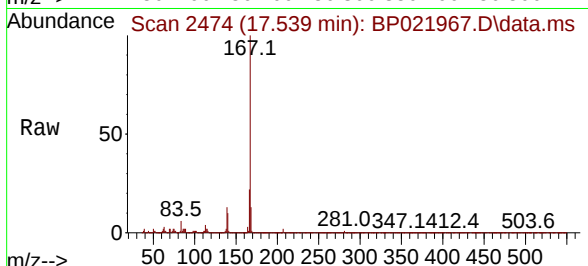
Tgt Ion:167 Resp: 207054

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

139 13.1 10.5 15.7



#74

Di-n-butylphthalate

Concen: 7.732 ng

RT: 18.134 min Scan# 2575

Delta R.T. -0.012 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

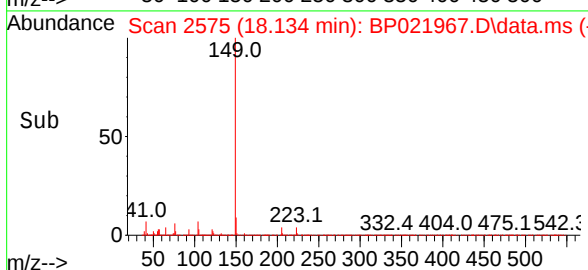
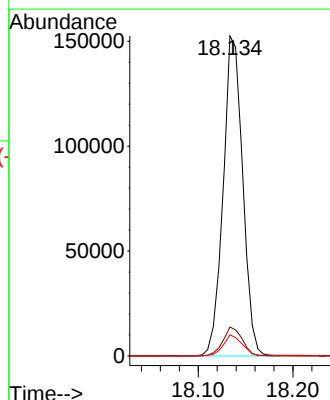
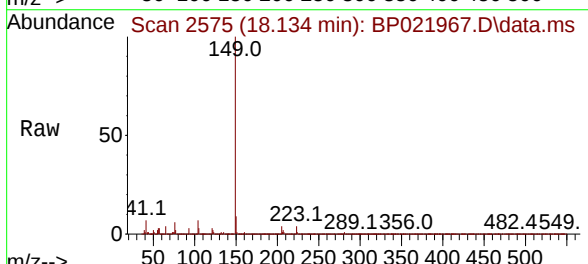
Tgt Ion:149 Resp: 218659

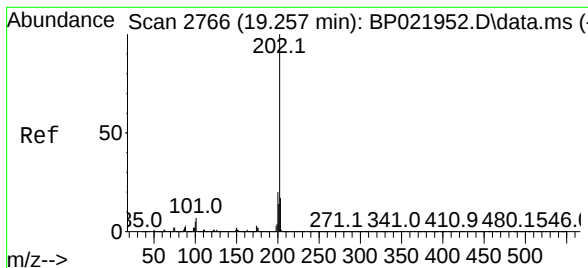
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 6.6 4.6 6.8





#75

Fluoranthene

Concen: 8.275 ng

RT: 19.251 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

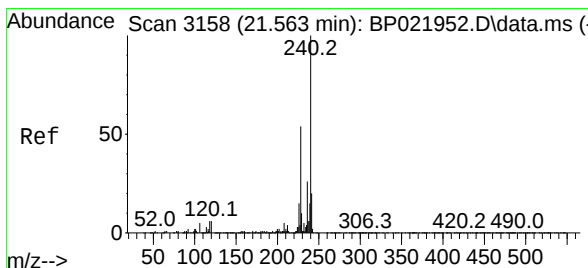
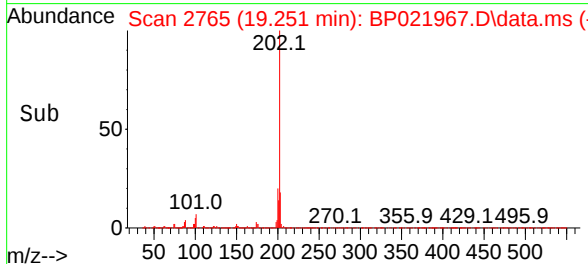
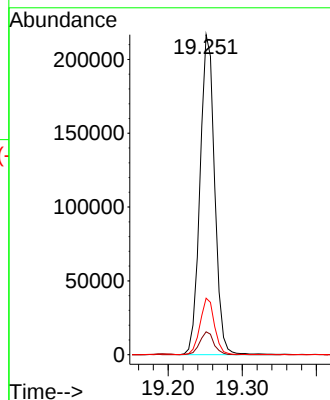
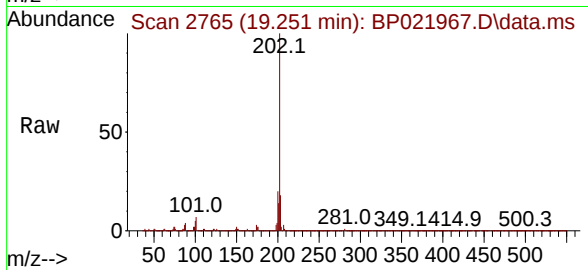
Tgt Ion:202 Resp: 297451

Ion Ratio Lower Upper

202 100

101 7.2 0.0 26.5

203 17.6 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.557 min Scan# 3157

Delta R.T. -0.006 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

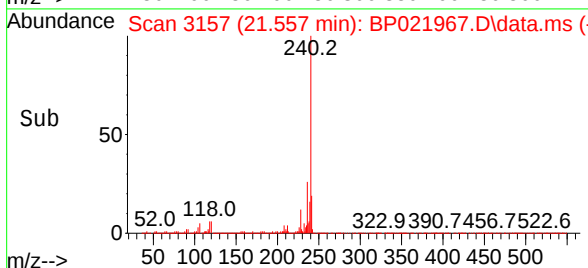
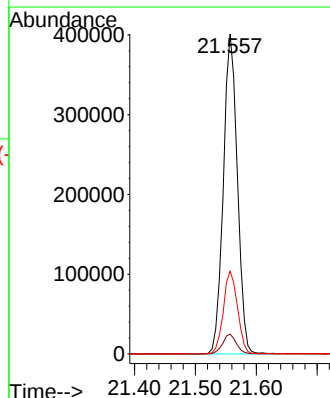
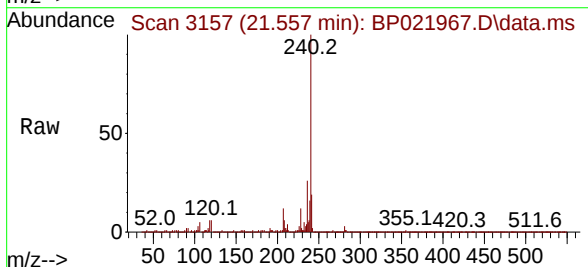
Tgt Ion:240 Resp: 642535

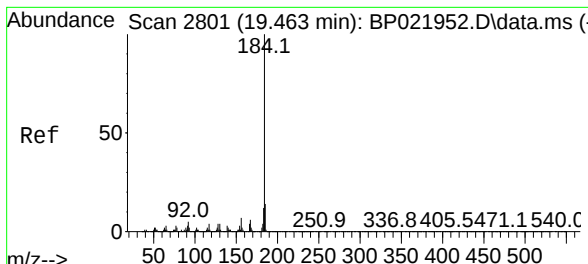
Ion Ratio Lower Upper

240 100

120 6.2 5.1 7.7

236 25.8 20.7 31.1



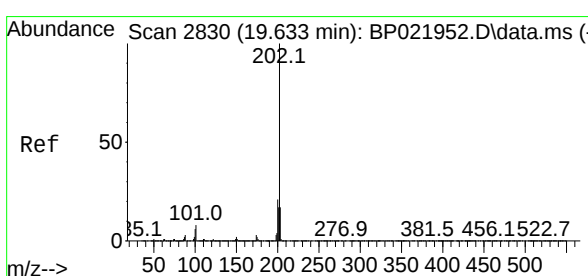
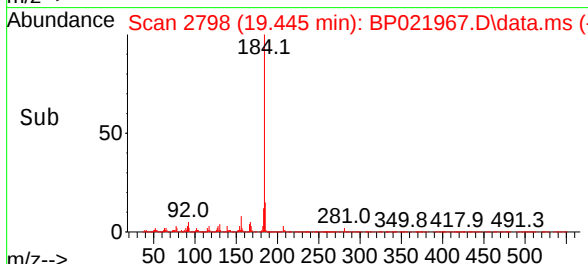
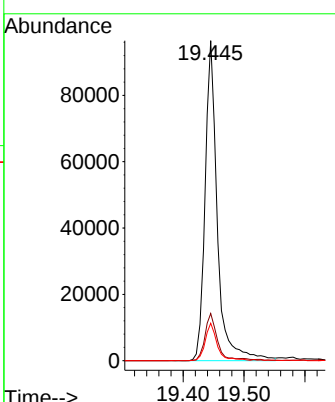
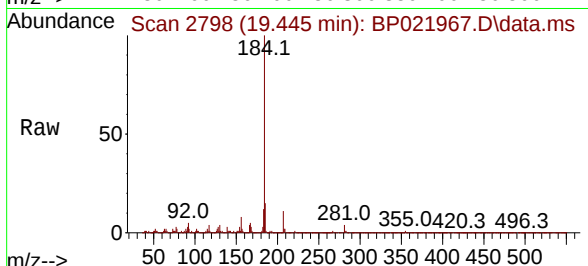


#77
Benzidine
Concen: 17.178 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion:184 Resp: 134882

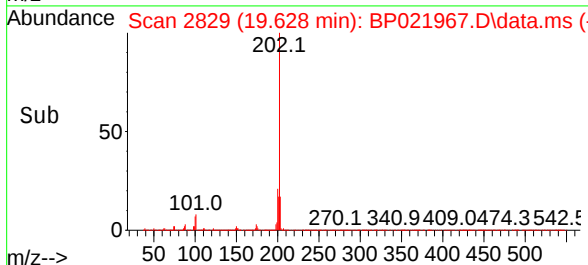
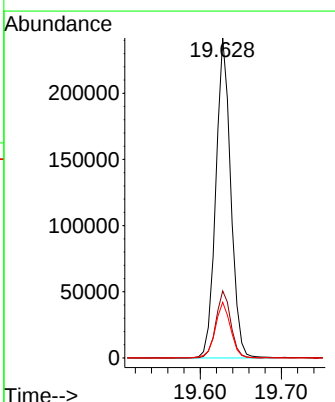
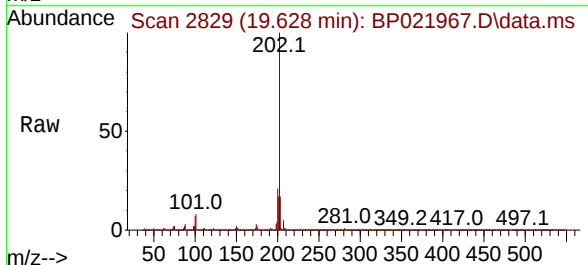
Ion	Ratio	Lower	Upper
184	100		
185	14.7	10.9	16.3
183	11.7	9.2	13.8

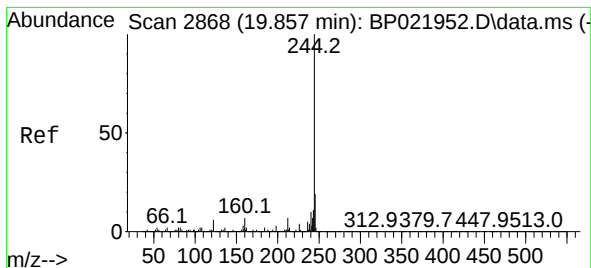


#78
Pyrene
Concen: 7.961 ng
RT: 19.628 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

Tgt Ion:202 Resp: 309442

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.4	13.8	20.8





#79

Terphenyl-d14

Concen: 67.869 ng

RT: 19.845 min Scan# 2866

Delta R.T. -0.012 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

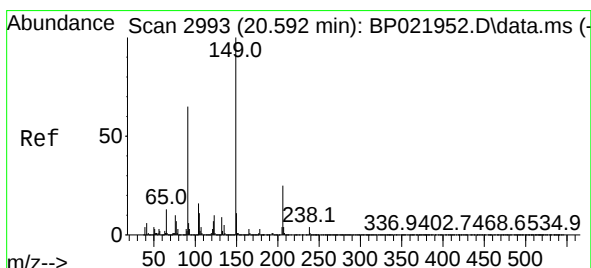
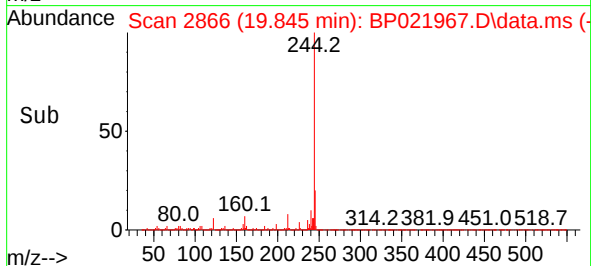
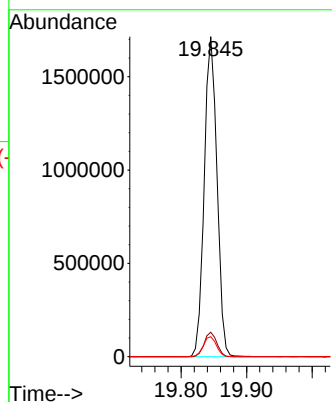
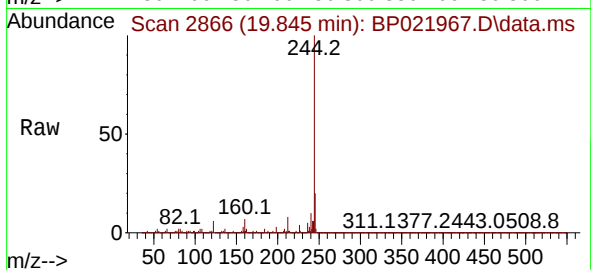
Tgt Ion:244 Resp: 2321473

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 6.2 5.0 7.4



#80

Butylbenzylphthalate

Concen: 7.413 ng

RT: 20.580 min Scan# 2991

Delta R.T. -0.012 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

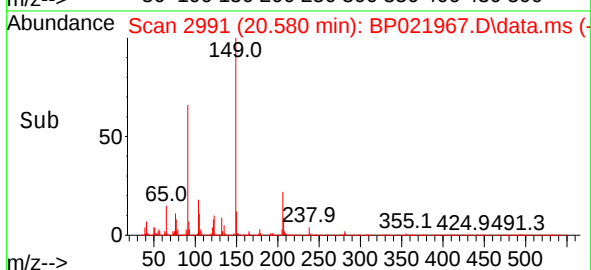
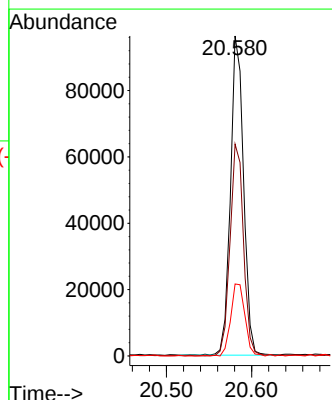
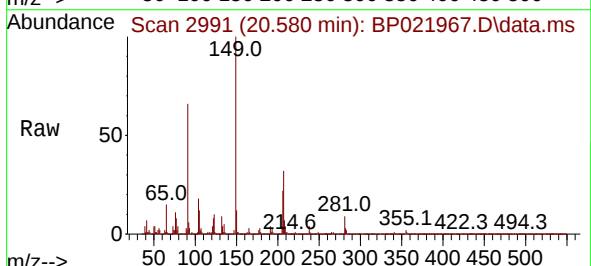
Tgt Ion:149 Resp: 102767

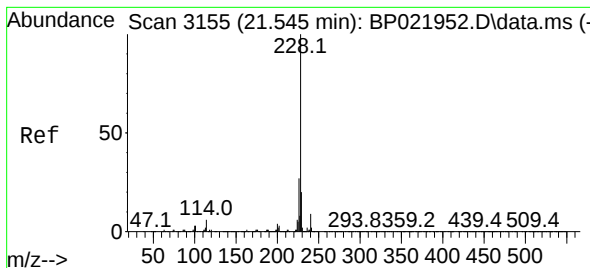
Ion Ratio Lower Upper

149 100

91 66.2 51.9 77.9

206 22.5 20.1 30.1





#81

Benzo(a)anthracene

Concen: 8.664 ng

RT: 21.539 min Scan# 3155

Delta R.T. -0.006 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

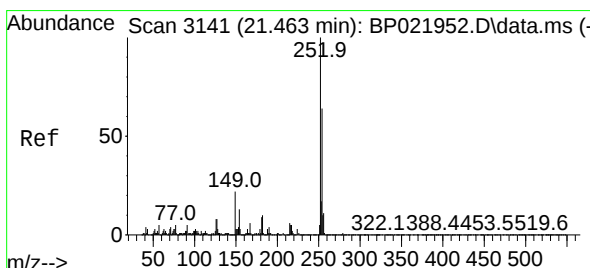
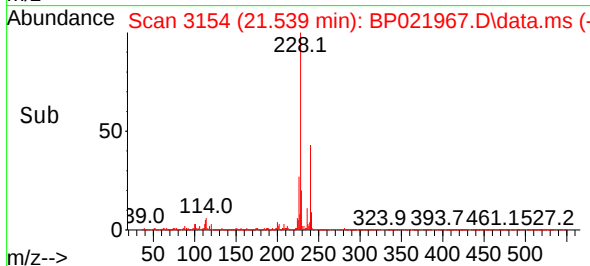
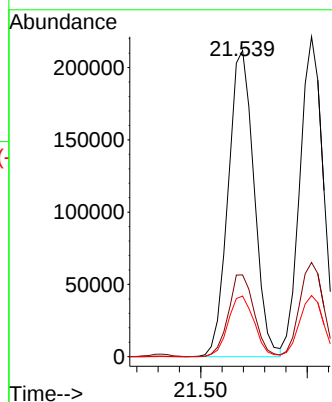
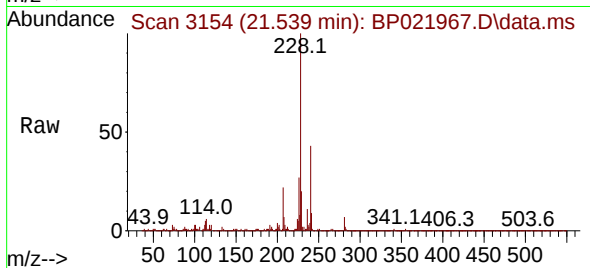
Tgt Ion:228 Resp: 357710

Ion Ratio Lower Upper

228 100

226 26.7 21.5 32.3

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 8.244 ng

RT: 21.463 min Scan# 3141

Delta R.T. 0.000 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

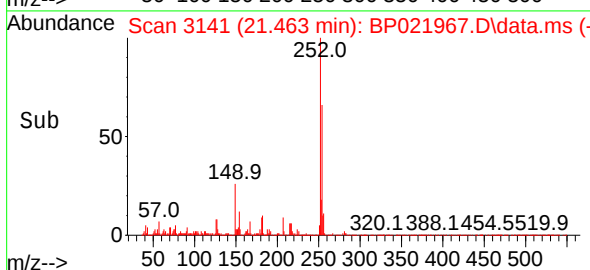
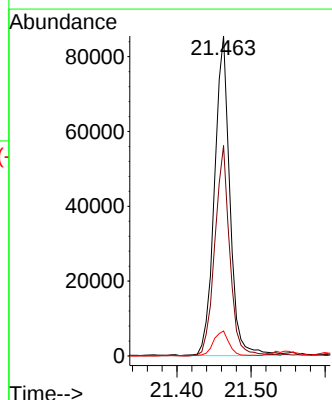
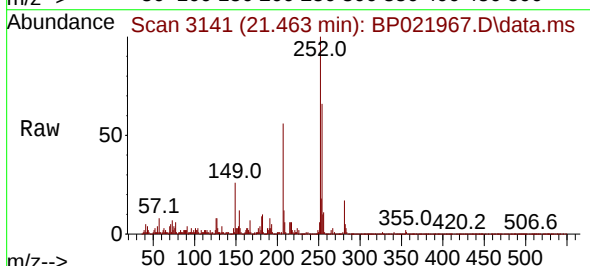
Tgt Ion:252 Resp: 123492

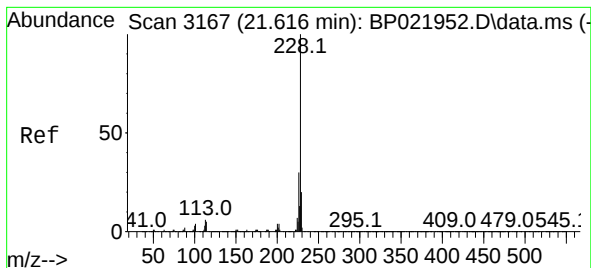
Ion Ratio Lower Upper

252 100

254 65.7 51.4 77.2

126 7.8 6.2 9.4





#83

Chrysene

Concen: 8.681 ng

RT: 21.604 min Scan# 3165

Delta R.T. -0.012 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

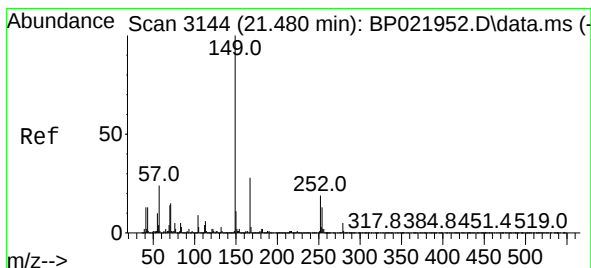
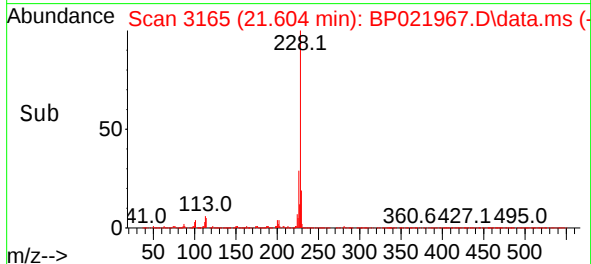
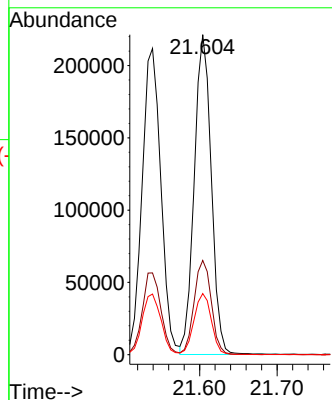
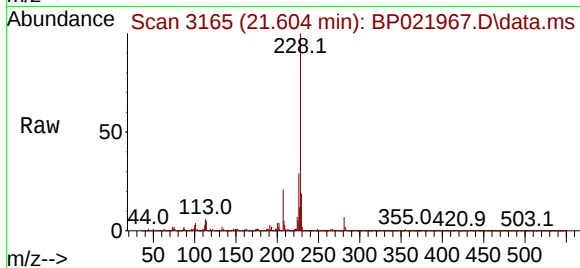
Tgt Ion:228 Resp: 337471

Ion Ratio Lower Upper

228 100

226 29.4 24.2 36.4

229 19.1 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.418 ng

RT: 21.480 min Scan# 3144

Delta R.T. 0.000 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

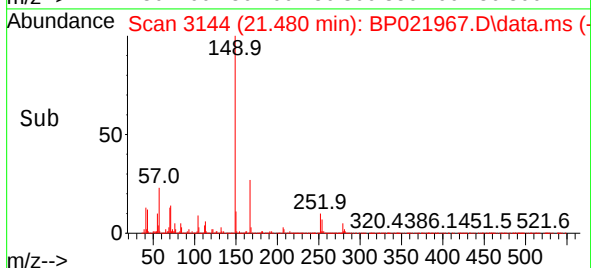
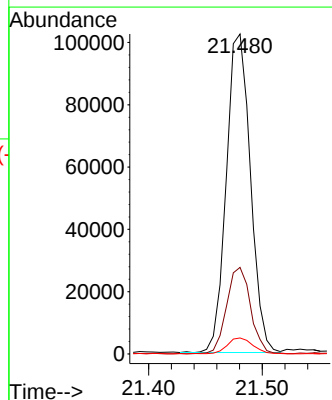
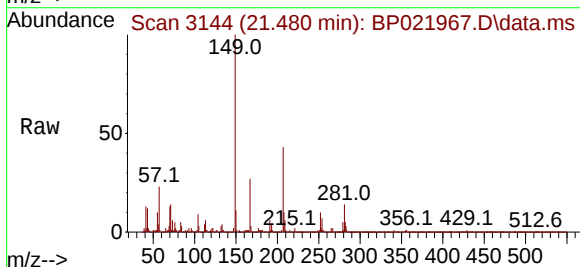
Tgt Ion:149 Resp: 150934

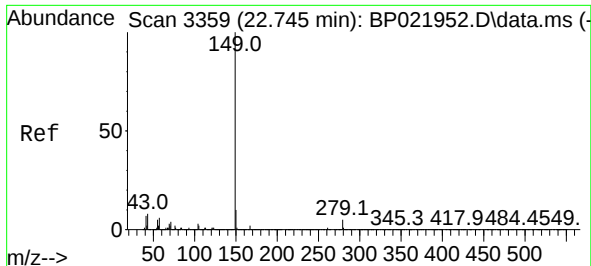
Ion Ratio Lower Upper

149 100

167 27.1 22.3 33.5

279 5.0 4.2 6.2

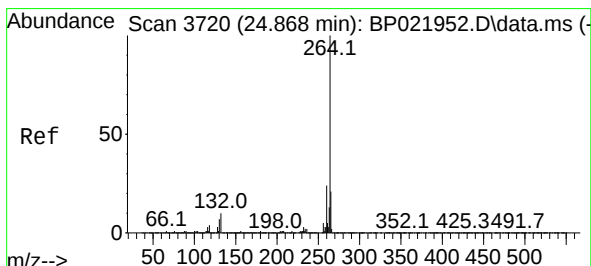
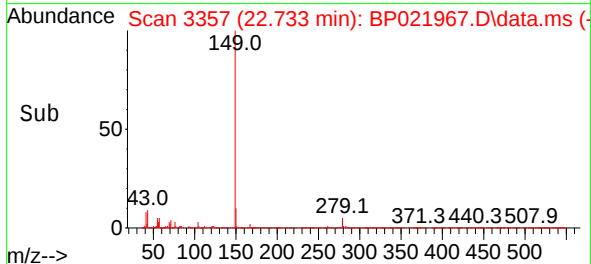
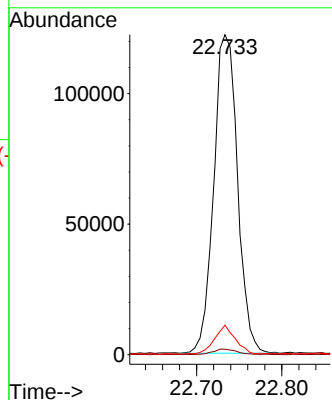
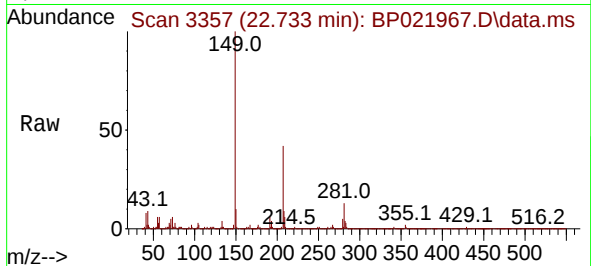




#85
Di-n-octyl phthalate
Concen: 6.852 ng
RT: 22.733 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

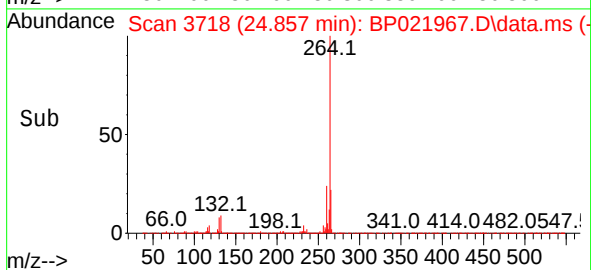
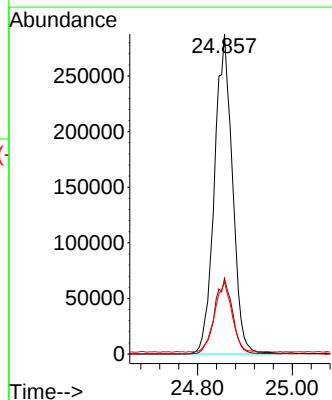
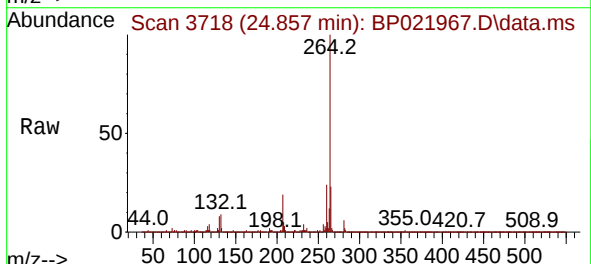
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

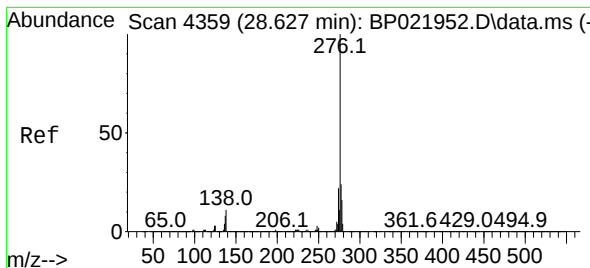
Tgt Ion:149 Resp: 236795
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 7.9 6.2 9.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.857 min Scan# 3718
Delta R.T. -0.012 min
Lab File: BP021967.D
Acq: 20 Sep 2024 14:47

Tgt Ion:264 Resp: 758204
Ion Ratio Lower Upper
264 100
260 23.7 18.9 28.3
265 22.5 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.498 ng

RT: 28.574 min Scan# 41

Delta R.T. -0.053 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

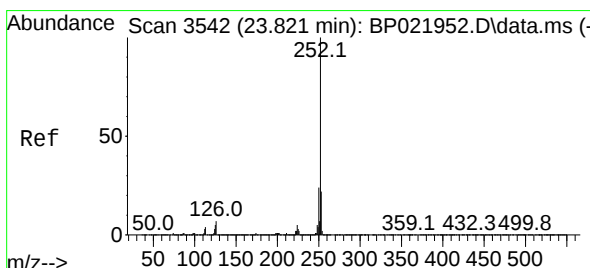
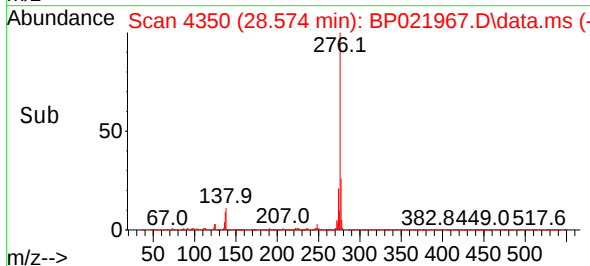
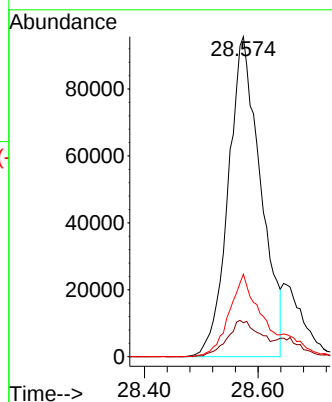
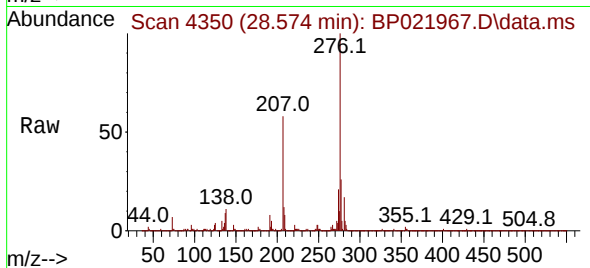
Tgt Ion:276 Resp: 378103

Ion Ratio Lower Upper

276 100

138 12.0 7.8 11.8#

277 25.0 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 8.040 ng

RT: 23.798 min Scan# 3538

Delta R.T. -0.023 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

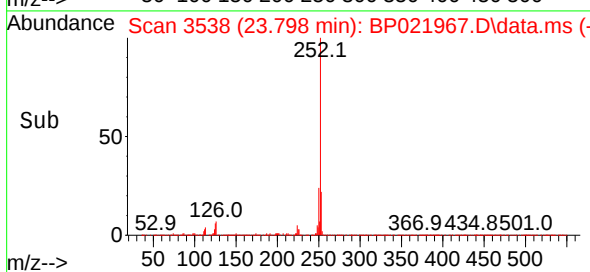
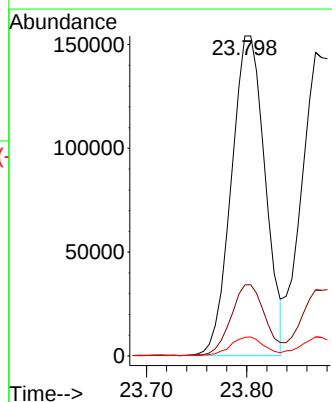
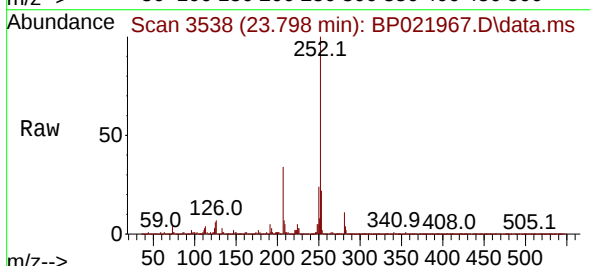
Tgt Ion:252 Resp: 360531

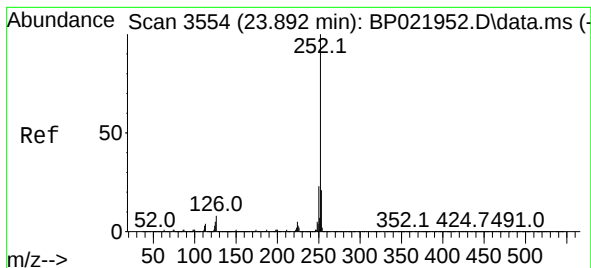
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 5.8 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 8.705 ng

RT: 23.869 min Scan# 3

Delta R.T. -0.023 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

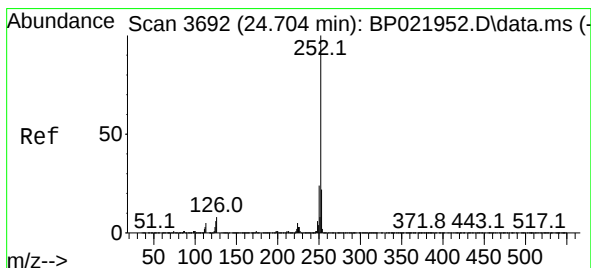
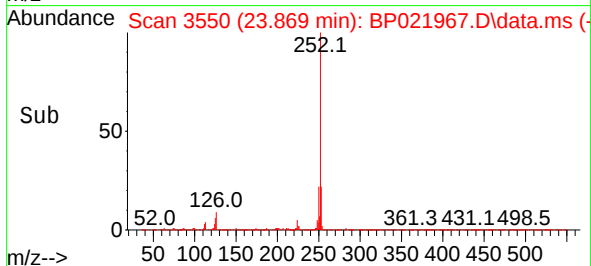
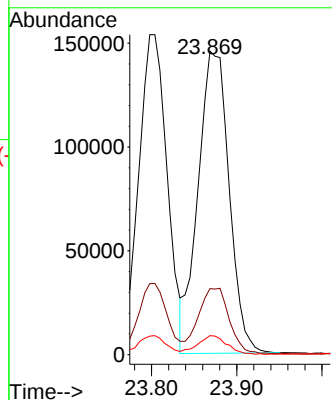
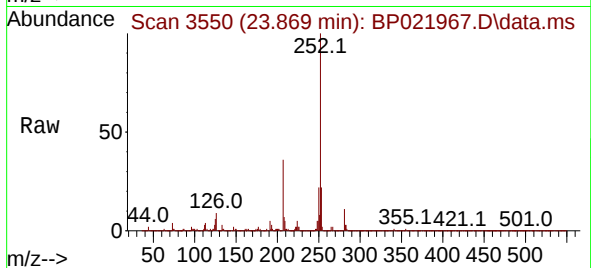
Tgt Ion:252 Resp: 369409

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 6.3 4.3 6.5



#90

Benzo(a)pyrene

Concen: 8.563 ng

RT: 24.692 min Scan# 3690

Delta R.T. -0.012 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

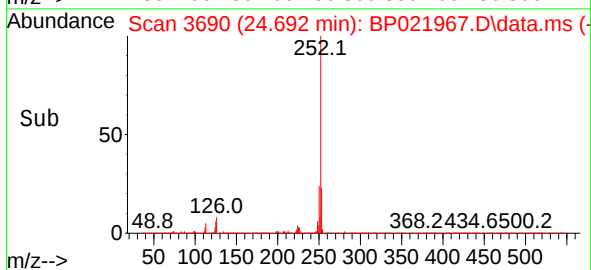
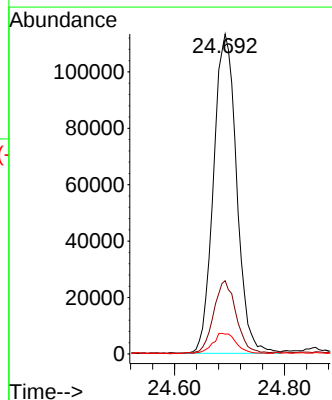
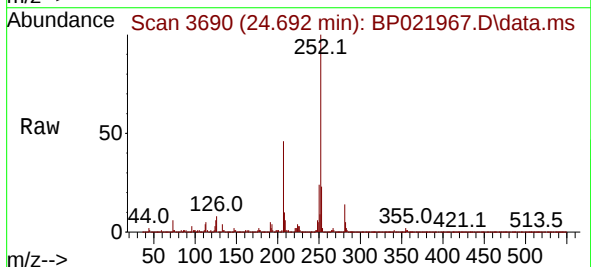
Tgt Ion:252 Resp: 330784

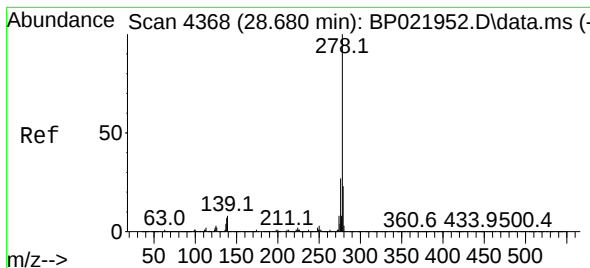
Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

125 6.2 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 8.516 ng

RT: 28.657 min Scan# 441

Delta R.T. -0.023 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

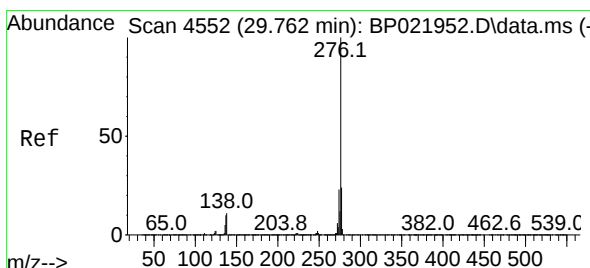
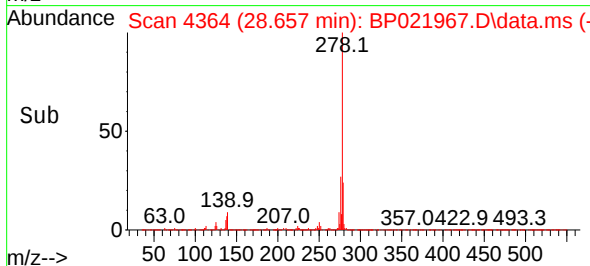
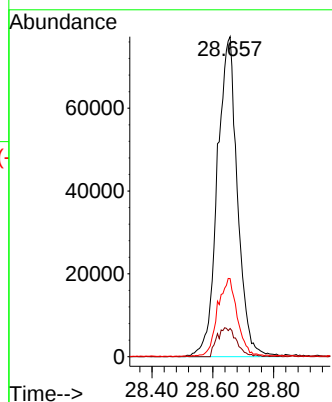
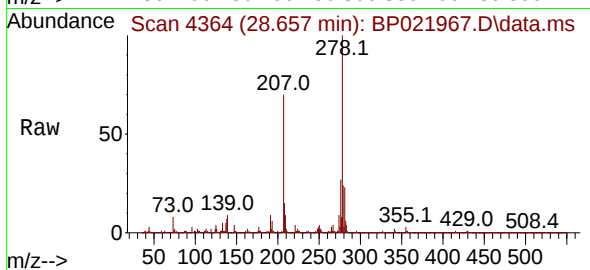
Tgt Ion:278 Resp: 354436

Ion Ratio Lower Upper

278 100

139 8.8 6.6 10.0

279 24.4 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 7.947 ng

RT: 29.727 min Scan# 4546

Delta R.T. -0.035 min

Lab File: BP021967.D

Acq: 20 Sep 2024 14:47

Tgt Ion:276 Resp: 338823

Ion Ratio Lower Upper

276 100

277 23.0 19.3 28.9

138 11.8 9.2 13.8

