

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121525\  
 Data File : BF144478.D  
 Acq On : 15 Dec 2025 17:06  
 Operator : RC/JU  
 Sample : Q3530-02  
 Misc : LOQ-SOIL-10NG  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2025

Quant Time: Dec 15 17:26:36 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF121225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 12 15:57:03 2025  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	236045	20.000	ng	0.00	
21) Naphthalene-d8	8.075	136	919119	20.000	ng	0.00	
39) Acenaphthene-d10	9.828	164	489657	20.000	ng	0.00	
64) Phenanthrene-d10	11.310	188	829752	20.000	ng	0.00	
76) Chrysene-d12	13.939	240	639640	20.000	ng	0.00	
86) Perylene-d12	15.374	264	458636	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	1678641	107.228	ng	0.00	
7) Phenol-d6	6.416	99	2119033	108.521	ng	0.00	
23) Nitrobenzene-d5	7.357	82	1379289	93.908	ng	0.00	
42) 2,4,6-Tribromophenol	10.616	330	576058	130.125	ng	0.00	
45) 2-Fluorobiphenyl	9.151	172	2407863	75.437	ng	0.00	
79) Terphenyl-d14	12.898	244	2776602	68.533	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	2.493	88	71040	9.437	ng		Qvalue 96
3) Pyridine	3.257	79	170612	8.242	ng		99
4) n-Nitrosodimethylamine	3.152	42	80046	8.898	ng		98
6) Aniline	6.457	93	251614	9.237	ng		99
8) 2-Chlorophenol	6.575	128	163972	9.770	ng		92
9) Benzaldehyde	6.340	77	133544	8.736	ng		99
10) Phenol	6.428	94	211939	9.196	ng	#	77
11) bis(2-Chloroethyl)ether	6.528	93	154463	9.170	ng		99
12) 1,3-Dichlorobenzene	6.734	146	176776	9.748	ng		99
13) 1,4-Dichlorobenzene	6.810	146	180946	9.945	ng		99
14) 1,2-Dichlorobenzene	6.963	146	170853	9.888	ng		99
15) Benzyl Alcohol	6.928	79	135537	9.417	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	246156	8.659	ng		100
17) 2-Methylphenol	7.034	107	128906	9.111	ng		98
18) Hexachloroethane	7.310	117	60662	9.596	ng		98
19) n-Nitroso-di-n-propyla...	7.204	70	113746	9.222	ng		99
20) 3+4-Methylphenols	7.187	107	167635	9.643	ng	#	85
22) Acetophenone	7.198	105	231616	10.160	ng		96
24) Nitrobenzene	7.375	77	170579	10.706	ng		97
25) Isophorone	7.610	82	303851	9.167	ng		99
26) 2-Nitrophenol	7.687	139	65793	13.036	ng		99
27) 2,4-Dimethylphenol	7.722	122	114884	7.264	ng		98
28) bis(2-Chloroethoxy)met...	7.822	93	193298	9.464	ng		97
29) 2,4-Dichlorophenol	7.922	162	129833	9.879	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	144709	10.152	ng		98
31) Naphthalene	8.098	128	488575	9.877	ng		99
32) Benzoic acid	7.781	122	56370	11.845	ng		98
33) 4-Chloroaniline	8.139	127	193157	9.714	ng		98
34) Hexachlorobutadiene	8.216	225	83324	9.454	ng		98
35) Caprolactam	8.475	113	38030	8.763	ng		98
36) 4-Chloro-3-methylphenol	8.610	107	132662	9.299	ng		99
37) 2-Methylnaphthalene	8.786	142	285584	8.775	ng		99
38) 1-Methylnaphthalene	8.886	142	302183	9.535	ng		99
40) 1,2,4,5-Tetrachloroben...	8.951	216	143383	10.289	ng		98
41) Hexachlorocyclopentadiene	8.939	237	47646	5.777	ng		96
43) 2,4,6-Trichlorophenol	9.057	196	87480	9.885	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121525\  
 Data File : BF144478.D  
 Acq On : 15 Dec 2025 17:06  
 Operator : RC/JU  
 Sample : Q3530-02  
 Misc : LOQ-SOIL-10NG  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2025

Quant Time: Dec 15 17:26:36 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF121225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 12 15:57:03 2025  
 Response via : Initial Calibration

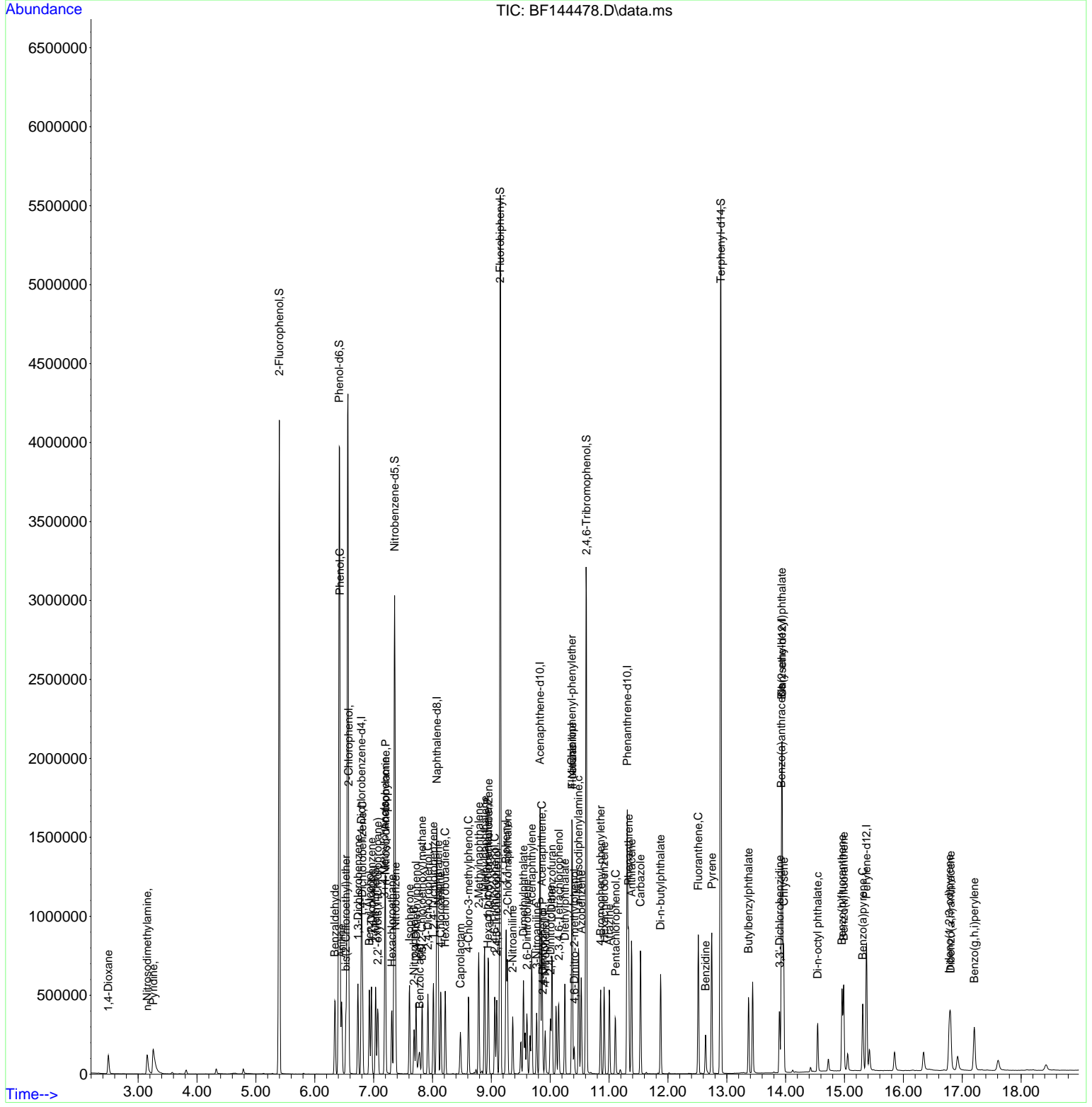
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	91933	9.898	ng	99
46) 1,1'-Biphenyl	9.251	154	391862	10.240	ng	98
47) 2-Chloronaphthalene	9.275	162	286633	9.812	ng	98
48) 2-Nitroaniline	9.363	65	75894	12.005	ng	98
49) Acenaphthylene	9.686	152	452352	9.774	ng	99
50) Dimethylphthalate	9.545	163	322548	9.752	ng	99
51) 2,6-Dinitrotoluene	9.604	165	63622	13.550	ng	99
52) Acenaphthene	9.857	154	285298	9.886	ng	99
53) 3-Nitroaniline	9.769	138	74861	12.470	ng	98
54) 2,4-Dinitrophenol	9.875	184	16280	13.150	ng #	40
55) Dibenzofuran	10.028	168	409024	9.962	ng	98
56) 4-Nitrophenol	9.916	139	56255	9.987	ng	96
57) 2,4-Dinitrotoluene	10.004	165	78262	12.575	ng	96
58) Fluorene	10.375	166	321906	10.354	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	77454	10.985	ng	99
60) Diethylphthalate	10.251	149	298308	9.516	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	150720	9.880	ng	98
62) 4-Nitroaniline	10.375	138	68906	11.443	ng	98
63) Azobenzene	10.528	77	313997	9.478	ng	99
65) 4,6-Dinitro-2-methylph...	10.410	198	28287	13.643	ng	99
66) n-Nitrosodiphenylamine	10.480	169	279048	9.813	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	90800	9.374	ng	98
68) Hexachlorobenzene	10.916	284	101167	9.461	ng	98
69) Atrazine	11.004	200	85190	9.565	ng	99
70) Pentachlorophenol	11.110	266	55820	9.152	ng	99
71) Phenanthrene	11.333	178	476191	9.955	ng	99
72) Anthracene	11.380	178	462613	9.555	ng	98
73) Carbazole	11.533	167	425655	10.127	ng	99
74) Di-n-butylphthalate	11.874	149	436775	9.721	ng	99
75) Fluoranthene	12.516	202	482989	10.225	ng	99
77) Benzidine	12.639	184	129321	5.678	ng	97
78) Pyrene	12.745	202	499766	8.528	ng	99
80) Butylbenzylphthalate	13.369	149	148627	10.402	ng	99
81) Benzo(a)anthracene	13.927	228	426381	9.466	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	118437	9.279	ng	99
83) Chrysene	13.968	228	370903	8.997	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	177568	10.299	ng	98
85) Di-n-octyl phthalate	14.545	149	205115	11.606	ng	99
87) Indeno(1,2,3-cd)pyrene	16.780	276	283012	8.597	ng	100
88) Benzo(b)fluoranthene	14.957	252	279132	9.271	ng	99
89) Benzo(k)fluoranthene	14.986	252	261385	9.181	ng	98
90) Benzo(a)pyrene	15.310	252	252168	9.582	ng	100
91) Dibenzo(a,h)anthracene	16.804	278	231552	8.710	ng	99
92) Benzo(g,h,i)perylene	17.204	276	237386	8.782	ng	100

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

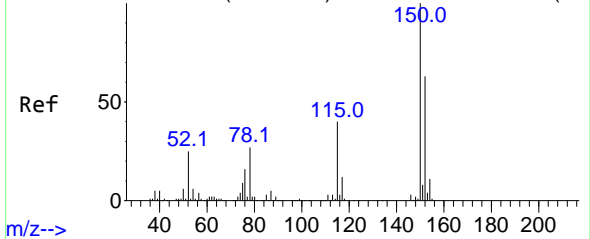
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121525\  
 Data File : BF144478.D  
 Acq On : 15 Dec 2025 17:06  
 Operator : RC/JU  
 Sample : Q3530-02  
 Misc : LOQ-SOIL-10NG  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2025

Quant Time: Dec 15 17:26:36 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF121225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 12 15:57:03 2025  
 Response via : Initial Calibration

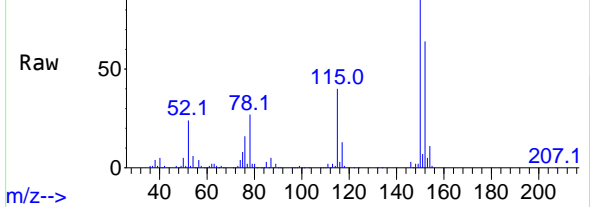


Abundance Scan 782 (6.793 min): BF144452.D\data.ms (-77)



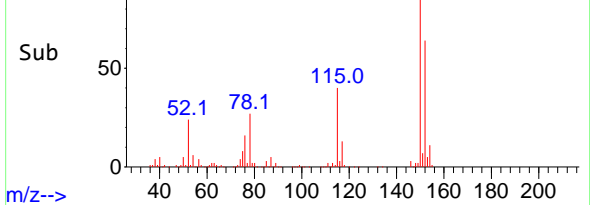
m/z-->

Abundance Scan 782 (6.792 min): BF144478.D\data.ms



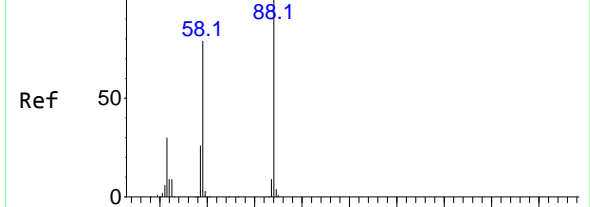
m/z-->

Abundance Scan 782 (6.792 min): BF144478.D\data.ms (-76)



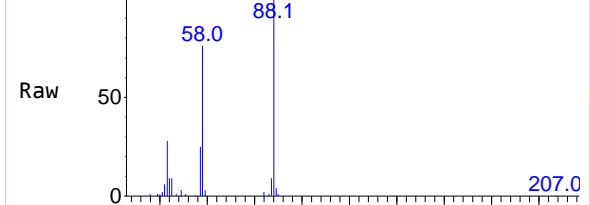
m/z-->

Abundance Scan 51 (2.493 min): BF144452.D\data.ms (-43)



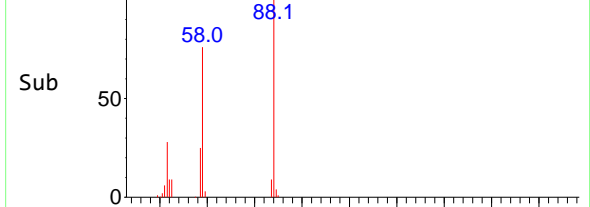
m/z-->

Abundance Scan 51 (2.493 min): BF144478.D\data.ms



m/z-->

Abundance Scan 51 (2.493 min): BF144478.D\data.ms (-1)



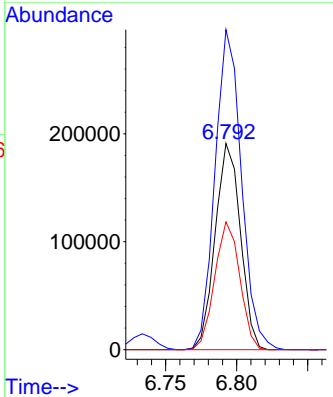
m/z-->

#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.792 min Scan# 7  
Delta R.T. -0.001 min  
Lab File: BF144478.D  
Acq: 15 Dec 2025 17:06

Instrument : BNA\_F  
ClientSampleId : LOQ-SOIL-02-QT4-2025

Tgt Ion:152 Resp: 236045

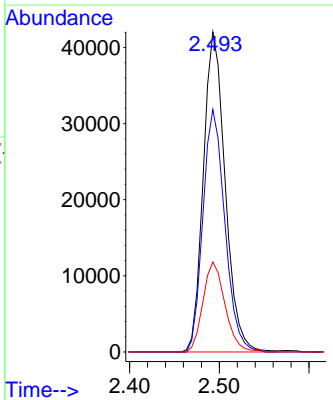
Ion	Ratio	Lower	Upper
152	100		
150	155.2	127.4	191.2
115	62.0	51.4	77.0

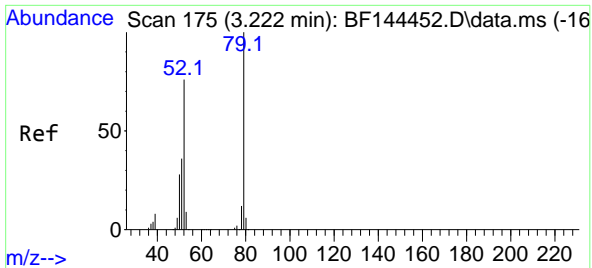


#2  
1,4-Dioxane  
Concen: 9.437 ng  
RT: 2.493 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BF144478.D  
Acq: 15 Dec 2025 17:06

Tgt Ion: 88 Resp: 71040

Ion	Ratio	Lower	Upper
88	100		
58	75.9	63.9	95.9
43	28.4	24.2	36.4



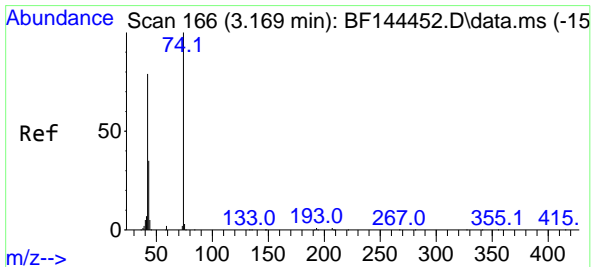
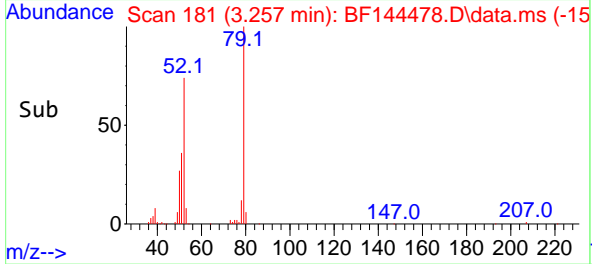
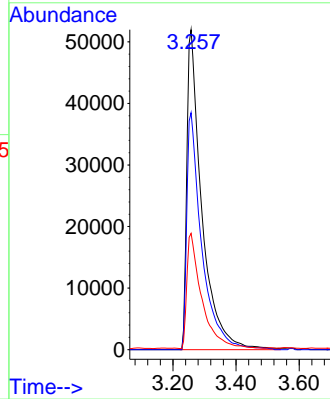
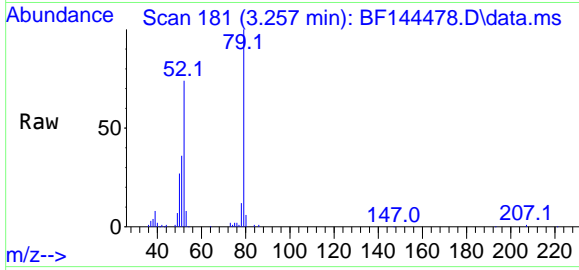


#3  
 Pyridine  
 Concen: 8.242 ng  
 RT: 3.257 min Scan# 11  
 Delta R.T. 0.035 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025

Tgt Ion: 79 Resp: 170612

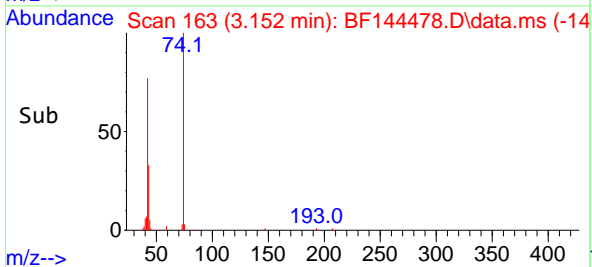
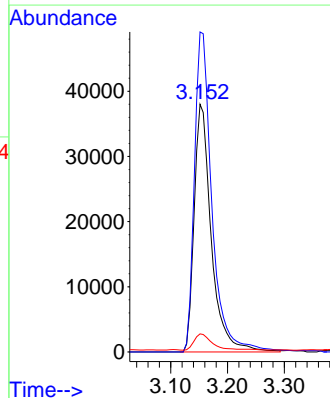
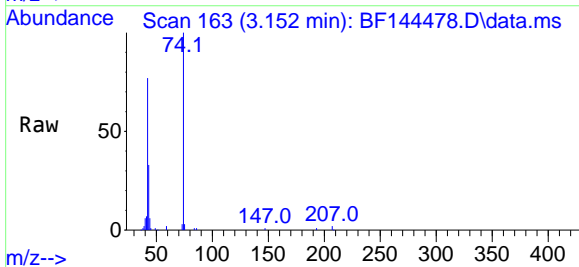
Ion	Ratio	Lower	Upper
79	100		
52	74.1	60.5	90.7
51	36.4	29.0	43.6

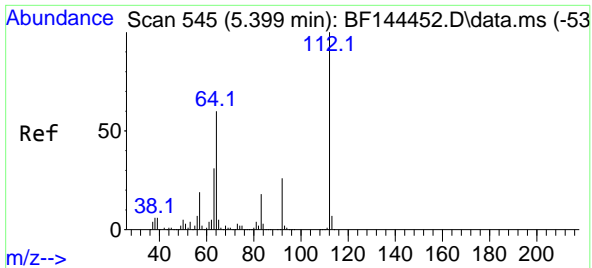


#4  
 n-Nitrosodimethylamine  
 Concen: 8.898 ng  
 RT: 3.152 min Scan# 163  
 Delta R.T. -0.018 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Tgt Ion: 42 Resp: 80046

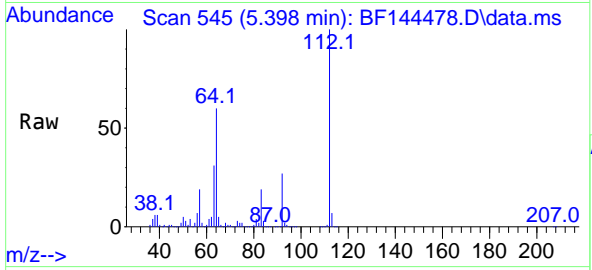
Ion	Ratio	Lower	Upper
42	100		
74	129.2	101.8	152.8
44	7.3	5.7	8.5





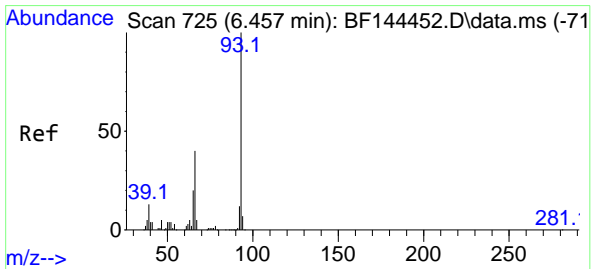
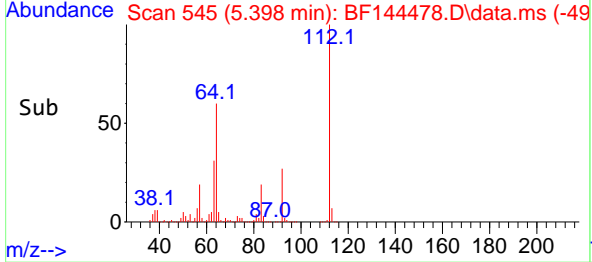
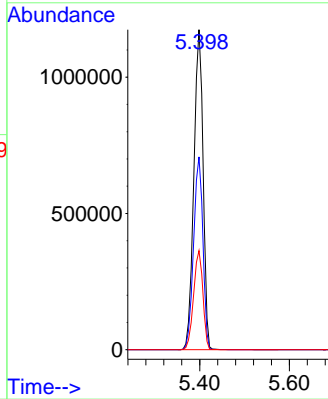
#5  
 2-Fluorophenol  
 Concen: 107.228 ng  
 RT: 5.398 min Scan# 54  
 Delta R.T. -0.000 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2025



Tgt Ion:112 Resp: 1678641

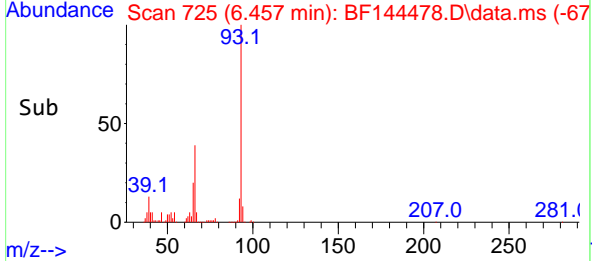
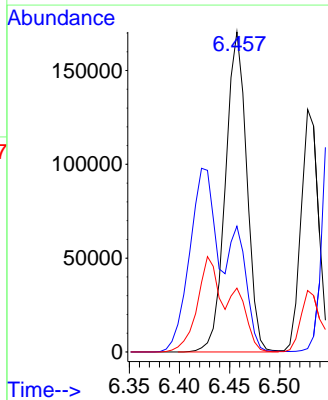
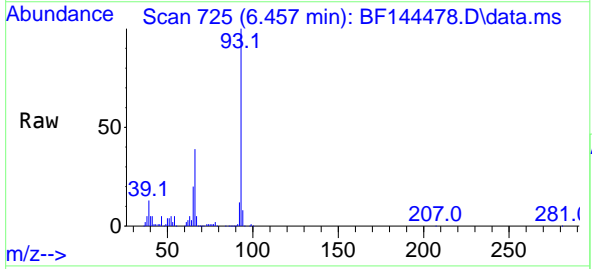
Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.8	71.6
63	31.0	24.6	37.0

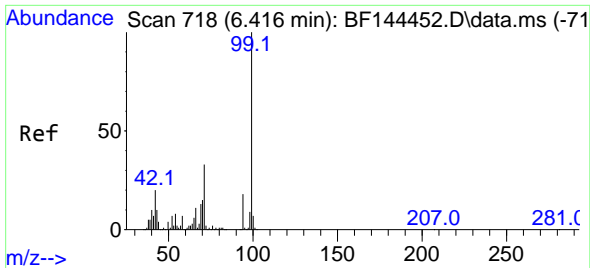


#6  
 Aniline  
 Concen: 9.237 ng  
 RT: 6.457 min Scan# 725  
 Delta R.T. -0.000 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Tgt Ion: 93 Resp: 251614

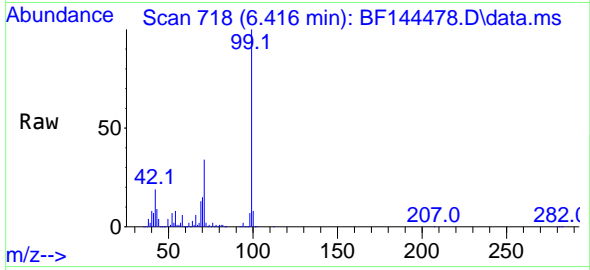
Ion	Ratio	Lower	Upper
93	100		
66	39.3	32.4	48.6
65	20.0	16.1	24.1





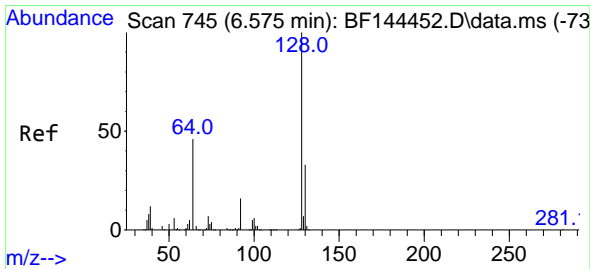
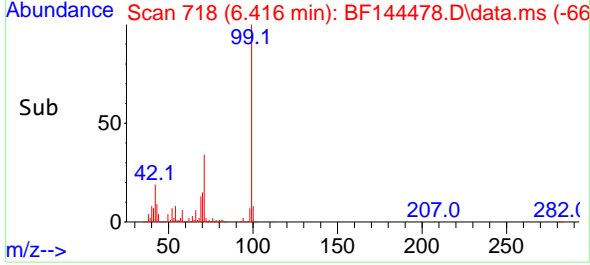
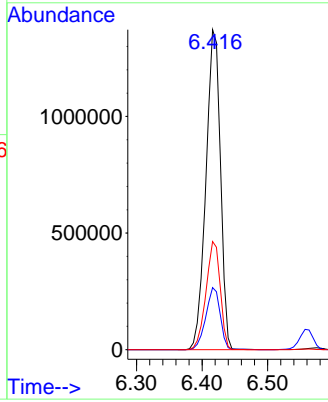
#7  
 Phenol-d6  
 Concen: 108.521 ng  
 RT: 6.416 min Scan# 718  
 Delta R.T. -0.000 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025



Tgt Ion: 99 Resp: 2119033

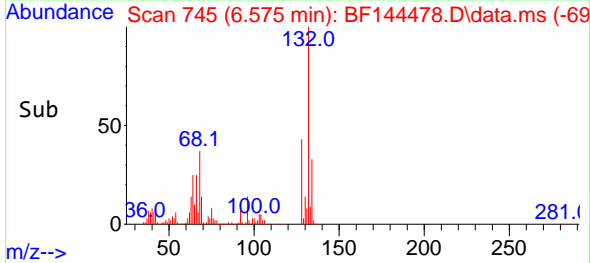
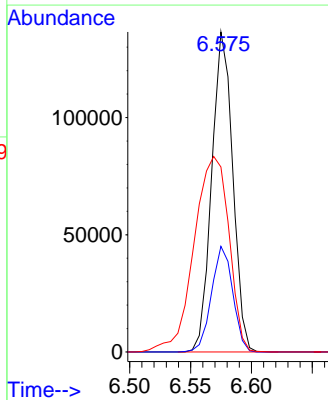
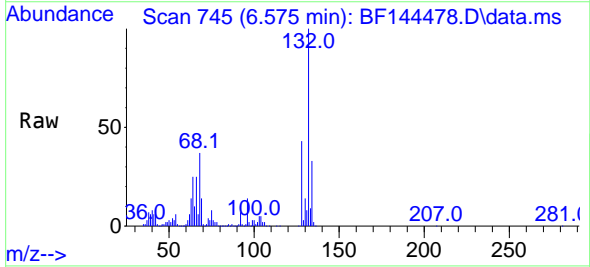
Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.7	23.5
71	33.8	26.4	39.6

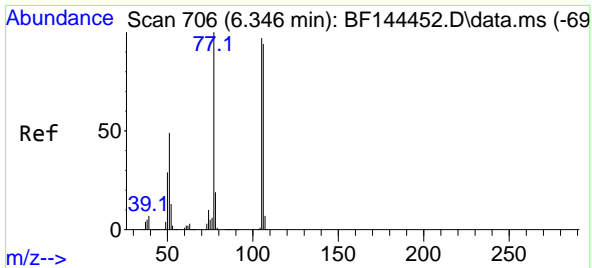


#8  
 2-Chlorophenol  
 Concen: 9.770 ng  
 RT: 6.575 min Scan# 745  
 Delta R.T. -0.000 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Tgt Ion: 128 Resp: 163972

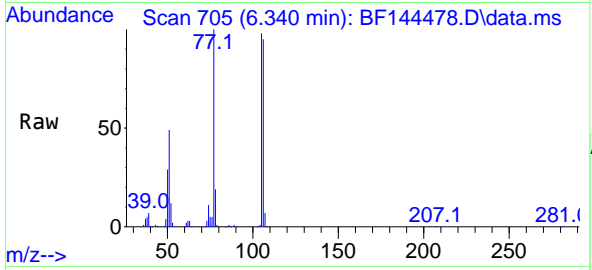
Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.0	53.0
64	57.8	28.9	68.9





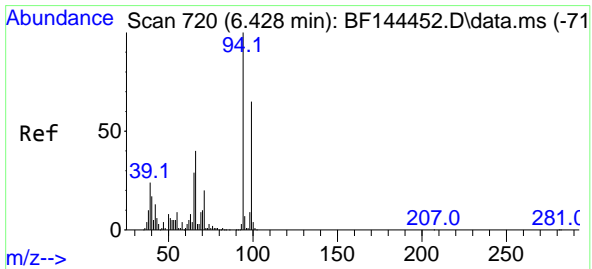
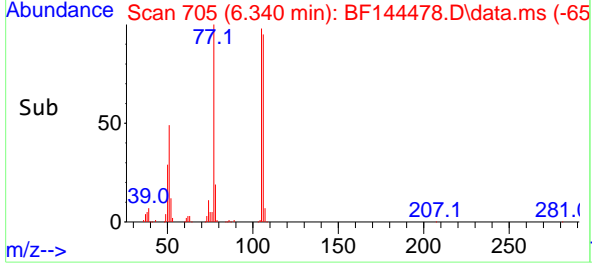
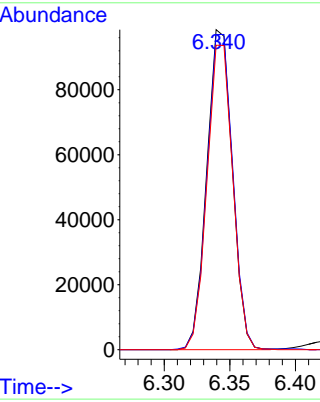
#9  
Benzaldehyde  
Concen: 8.736 ng  
RT: 6.340 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: BF144478.D  
Acq: 15 Dec 2025 17:06

Instrument : BNA\_F  
ClientSampleId : LOQ-SOIL-02-QT4-2025

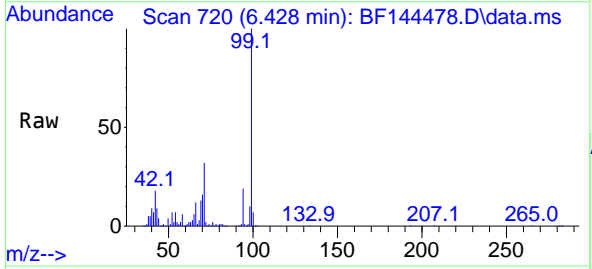


Tgt Ion: 77 Resp: 133544

Ion	Ratio	Lower	Upper
77	100		
105	98.5	77.0	117.0
106	95.1	74.1	114.1

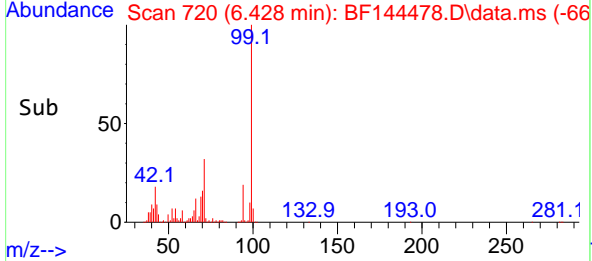
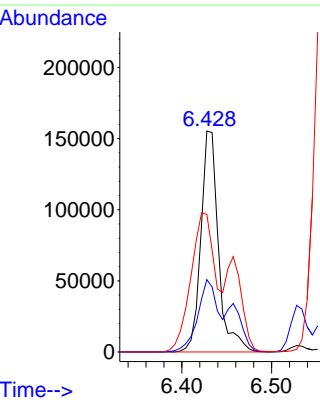


#10  
Phenol  
Concen: 9.196 ng  
RT: 6.428 min Scan# 720  
Delta R.T. -0.000 min  
Lab File: BF144478.D  
Acq: 15 Dec 2025 17:06

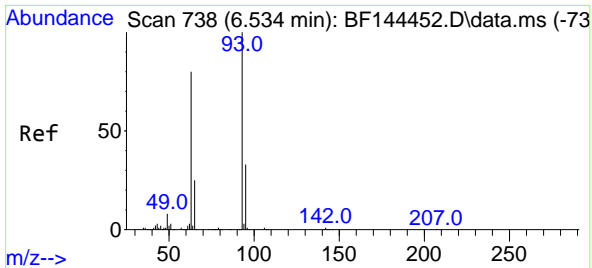


Tgt Ion: 94 Resp: 211939

Ion	Ratio	Lower	Upper
94	100		
65	32.7	9.1	49.1
66	62.3	20.3	60.3

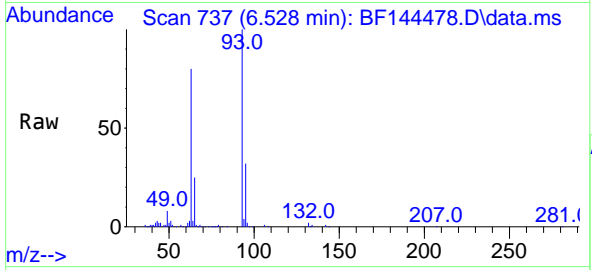






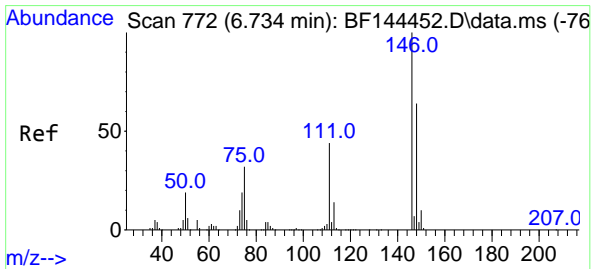
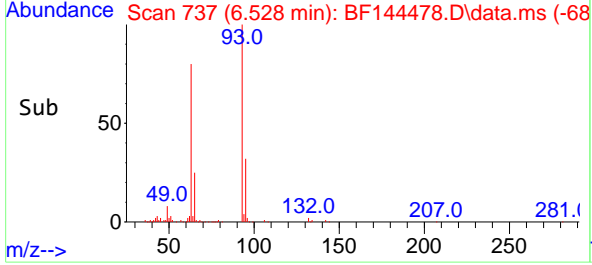
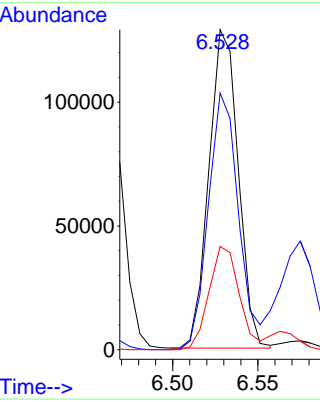
#11  
 bis(2-Chloroethyl)ether  
 Concen: 9.170 ng  
 RT: 6.528 min Scan# 711  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025

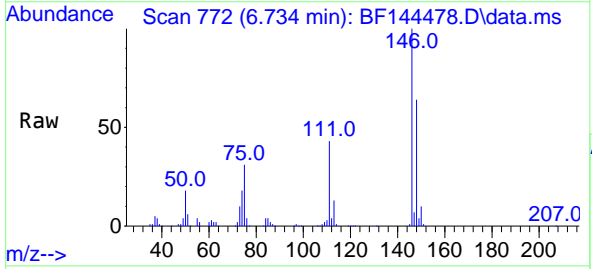


Tgt Ion: 93 Resp: 154463

Ion	Ratio	Lower	Upper
93	100		
63	80.2	59.8	99.8
95	32.3	13.0	53.0

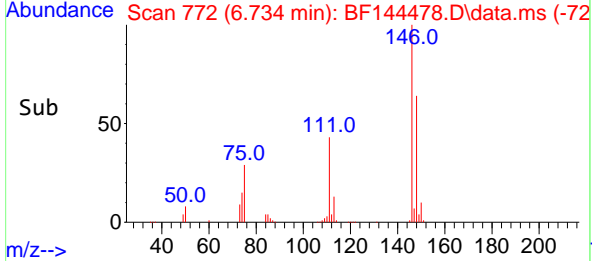
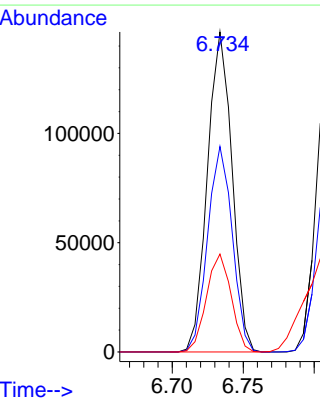


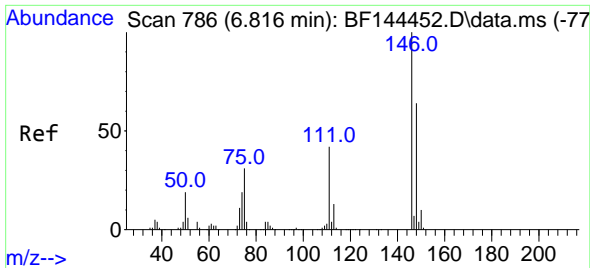
#12  
 1,3-Dichlorobenzene  
 Concen: 9.748 ng  
 RT: 6.734 min Scan# 772  
 Delta R.T. -0.000 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06



Tgt Ion: 146 Resp: 176776

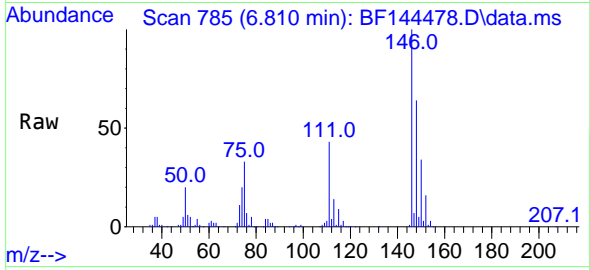
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.6
75	30.6	25.8	38.8



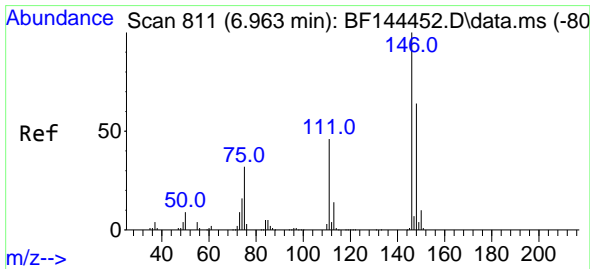
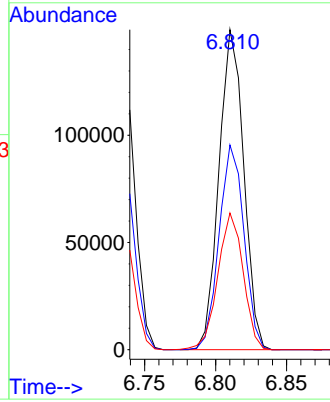
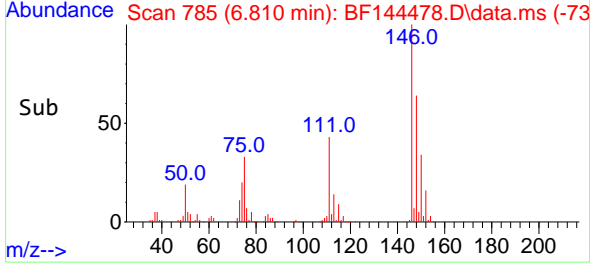


#13  
 1,4-Dichlorobenzene  
 Concen: 9.945 ng  
 RT: 6.810 min Scan# 786  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

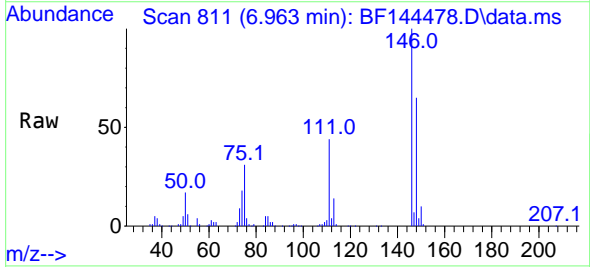
Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025



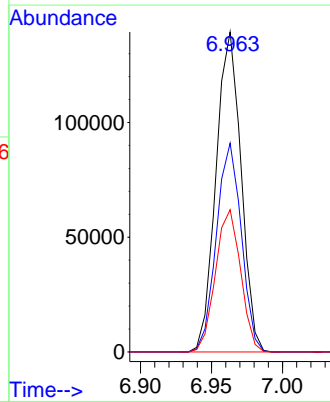
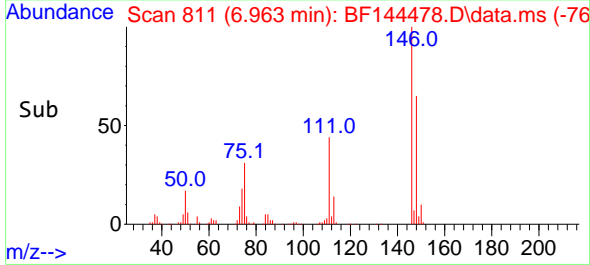
Tgt Ion:146 Resp: 180946  
 Ion Ratio Lower Upper  
 146 100  
 148 63.9 51.4 77.2  
 111 42.7 33.8 50.8

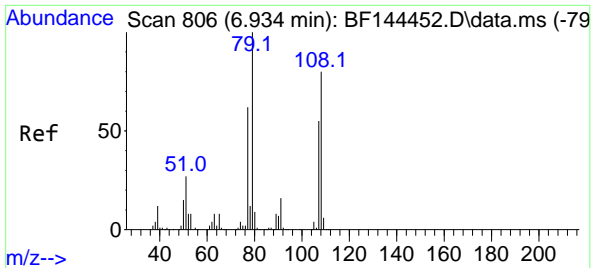


#14  
 1,2-Dichlorobenzene  
 Concen: 9.888 ng  
 RT: 6.963 min Scan# 811  
 Delta R.T. -0.000 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06



Tgt Ion:146 Resp: 170853  
 Ion Ratio Lower Upper  
 146 100  
 148 65.2 51.4 77.2  
 111 44.5 36.5 54.7



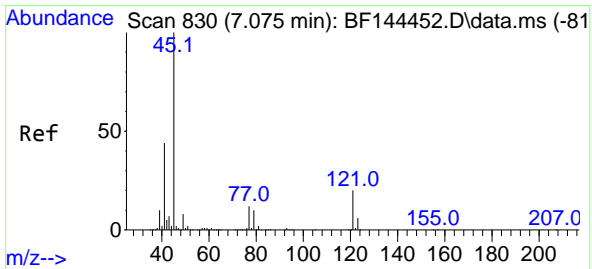
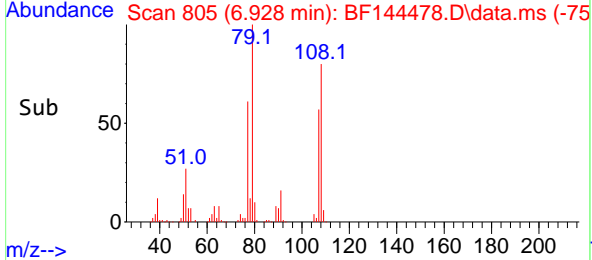
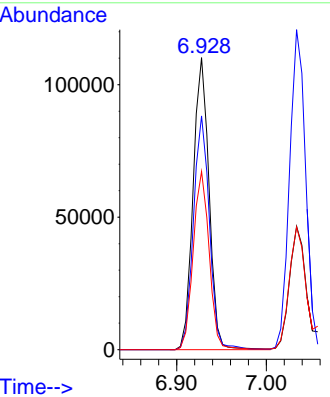
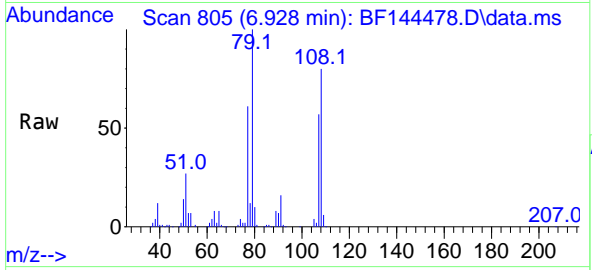


#15  
 Benzyl Alcohol  
 Concen: 9.417 ng  
 RT: 6.928 min Scan# 806  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025

Tgt Ion: 79 Resp: 135537

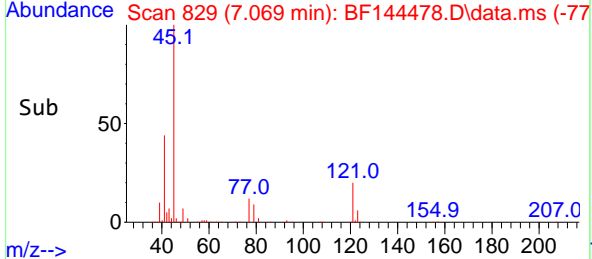
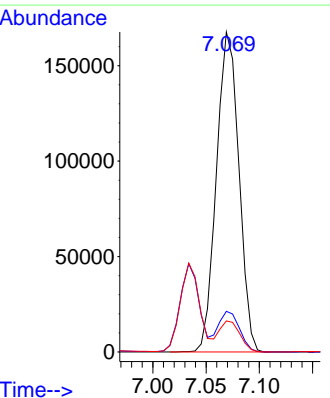
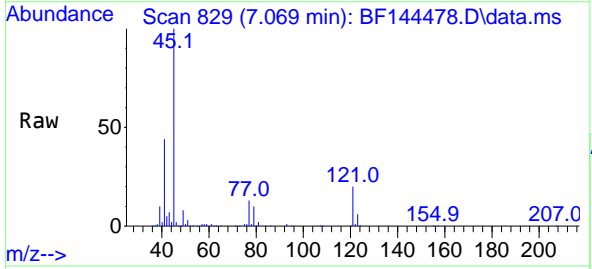
Ion	Ratio	Lower	Upper
79	100		
108	80.1	63.7	95.5
77	61.1	49.3	73.9

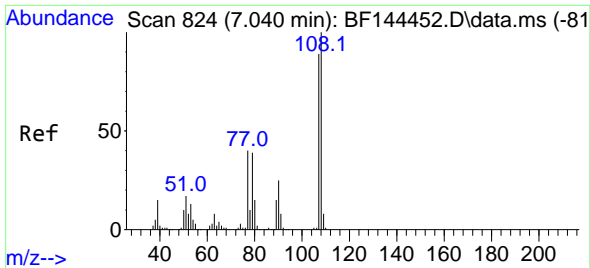


#16  
 2,2'-oxybis(1-Chloropropane)  
 Concen: 8.659 ng  
 RT: 7.069 min Scan# 829  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Tgt Ion: 45 Resp: 246156

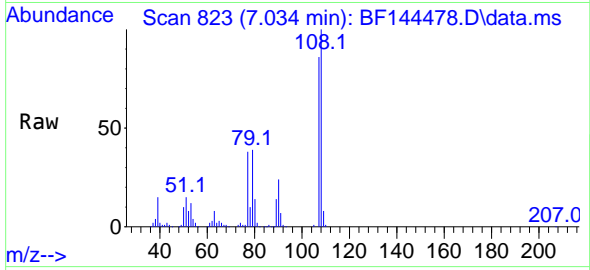
Ion	Ratio	Lower	Upper
45	100		
77	12.7	0.0	32.6
79	9.7	0.0	29.9





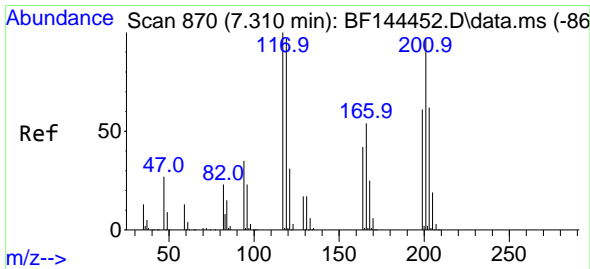
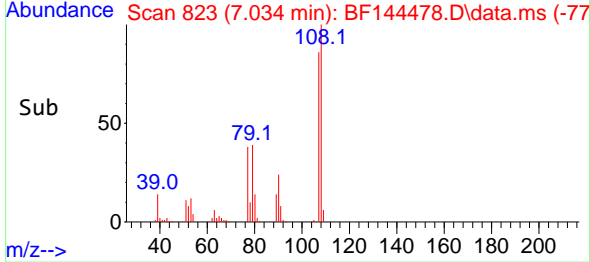
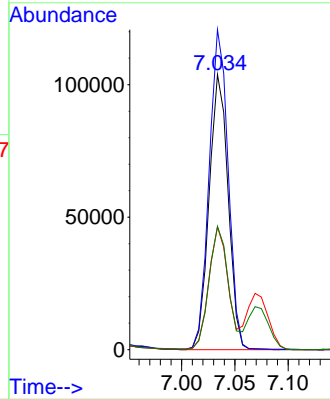
#17  
 2-Methylphenol  
 Concen: 9.111 ng  
 RT: 7.034 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025



Tgt Ion:107 Resp: 128906

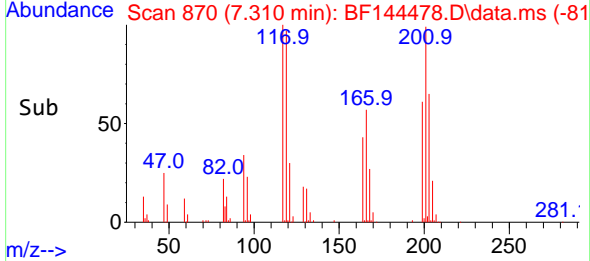
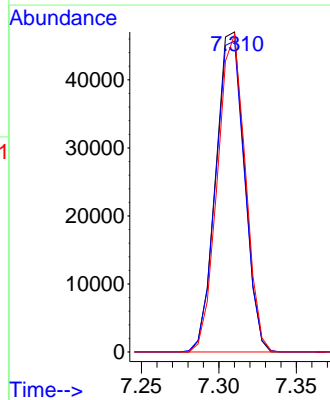
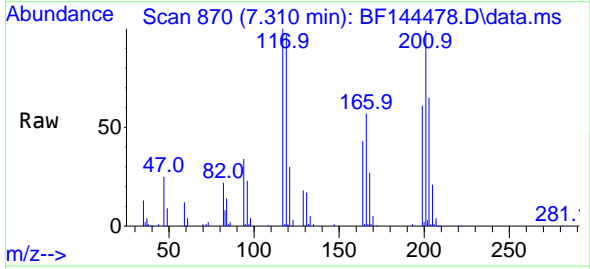
Ion	Ratio	Lower	Upper
107	100		
108	116.3	89.9	134.9
77	44.6	35.7	53.5
79	44.8	35.6	53.4

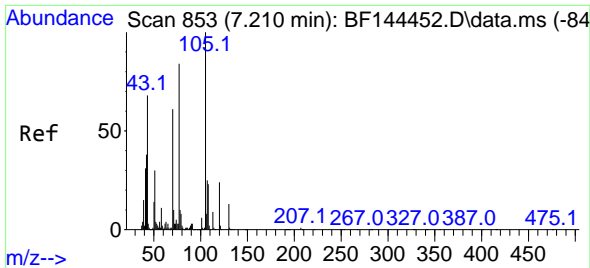


#18  
 Hexachloroethane  
 Concen: 9.596 ng  
 RT: 7.310 min Scan# 870  
 Delta R.T. -0.000 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Tgt Ion:117 Resp: 60662

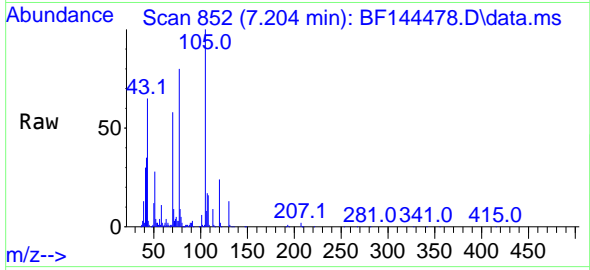
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.5	116.3
201	99.3	77.3	115.9



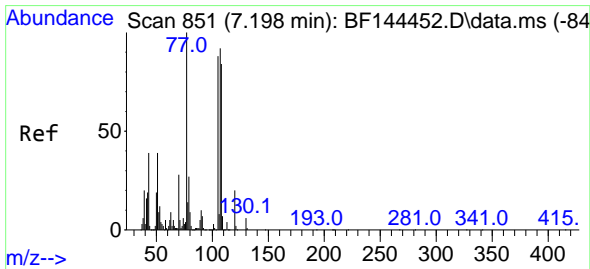
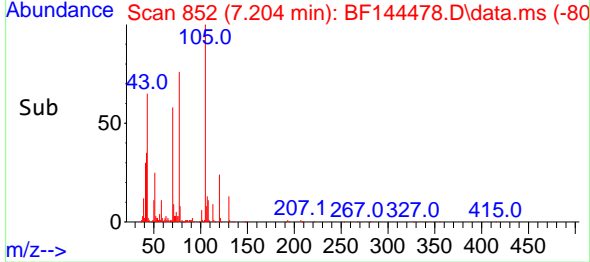
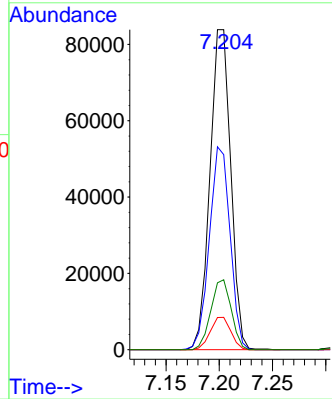


#19  
 n-Nitroso-di-n-propylamine  
 Concen: 9.222 ng  
 RT: 7.204 min Scan# 811  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

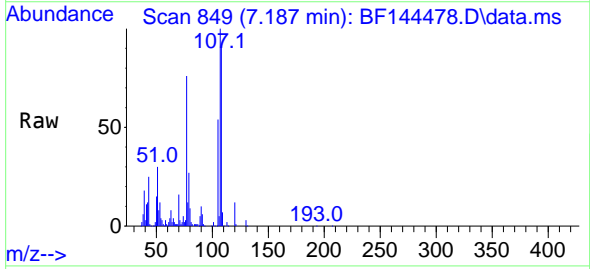
Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025



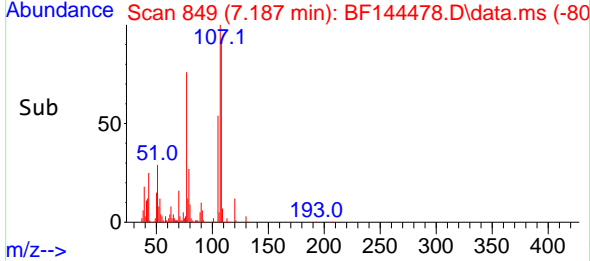
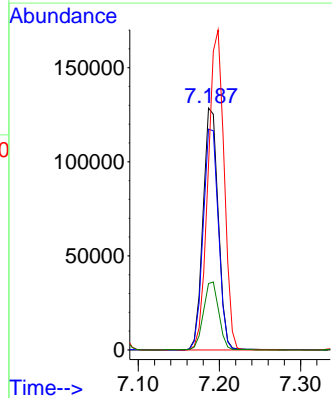
Tgt Ion: 70 Resp: 113746  
 Ion Ratio Lower Upper  
 70 100  
 42 60.9 49.4 74.0  
 101 10.1 7.8 11.6  
 130 21.8 17.5 26.3

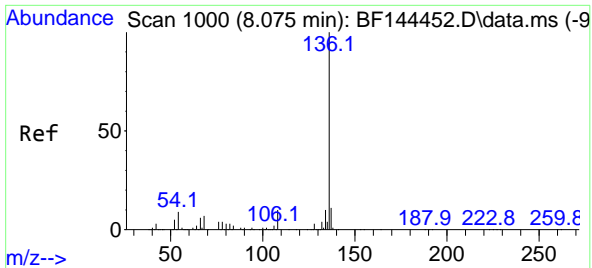


#20  
 3+4-Methylphenols  
 Concen: 9.643 ng  
 RT: 7.187 min Scan# 849  
 Delta R.T. -0.012 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06



Tgt Ion: 107 Resp: 167635  
 Ion Ratio Lower Upper  
 107 100  
 108 91.3 71.5 111.5  
 77 76.4 88.5 128.5#  
 79 27.5 9.3 49.3



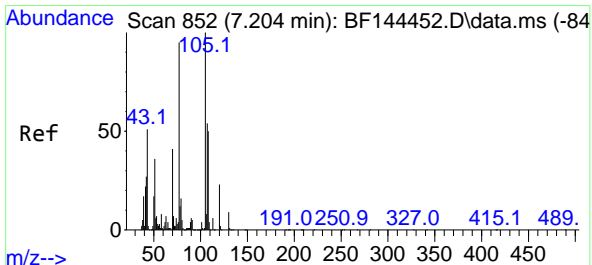
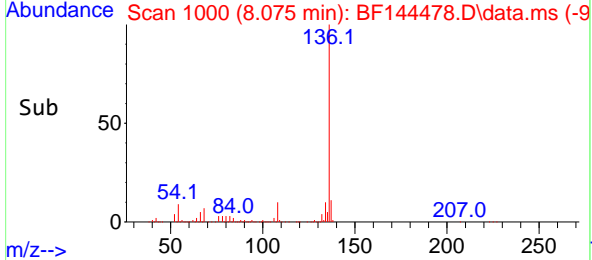
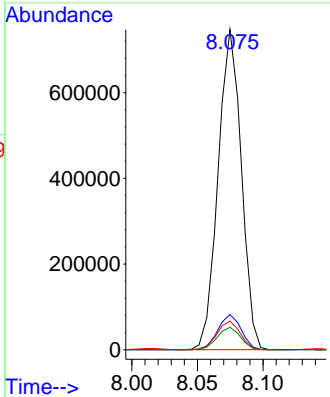
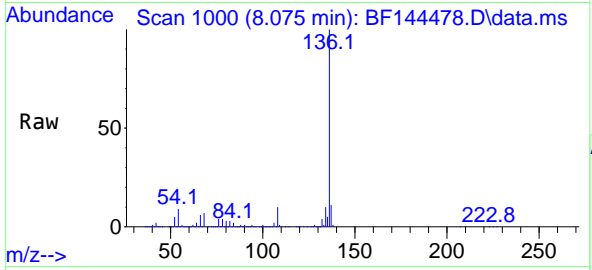


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.075 min Scan# 1000  
 Delta R.T. -0.000 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025

Tgt Ion:136 Resp: 919119

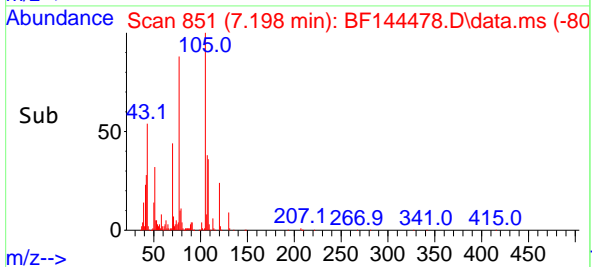
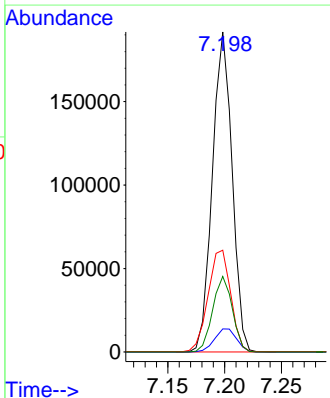
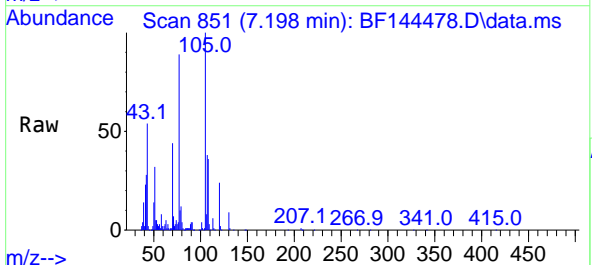
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.9	7.5	11.3
68	7.0	5.8	8.8

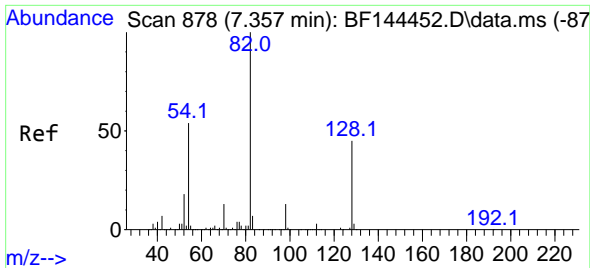


#22  
 Acetophenone  
 Concen: 10.160 ng  
 RT: 7.198 min Scan# 851  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Tgt Ion:105 Resp: 231616

Ion	Ratio	Lower	Upper
105	100		
71	7.2	5.6	8.4
51	31.8	28.6	42.8
120	23.6	18.6	27.8



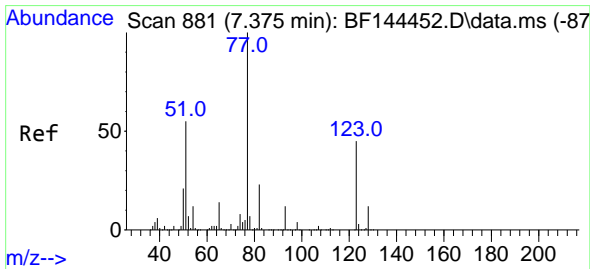
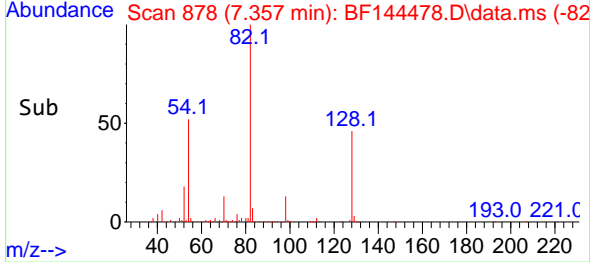
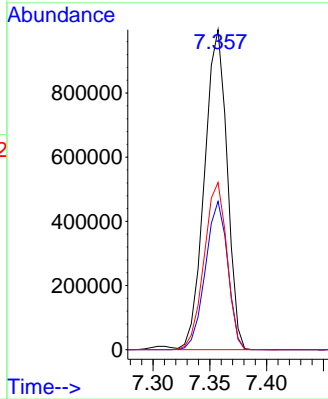
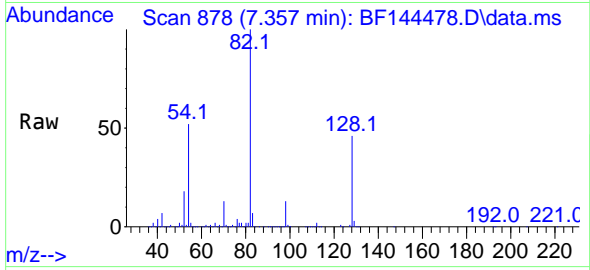


#23  
 Nitrobenzene-d5  
 Concen: 93.908 ng  
 RT: 7.357 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2025

Tgt Ion: 82 Resp: 1379289

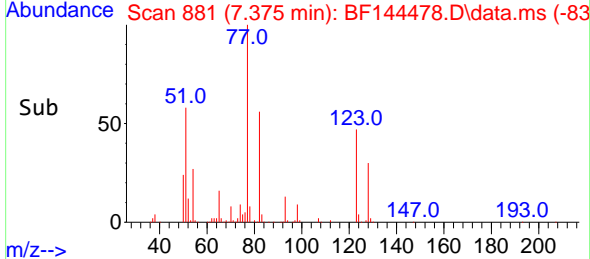
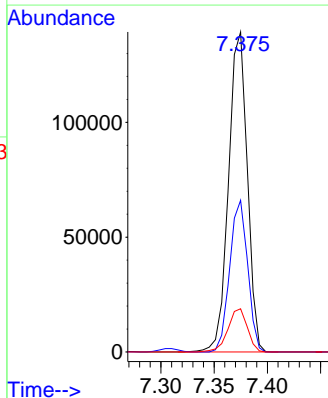
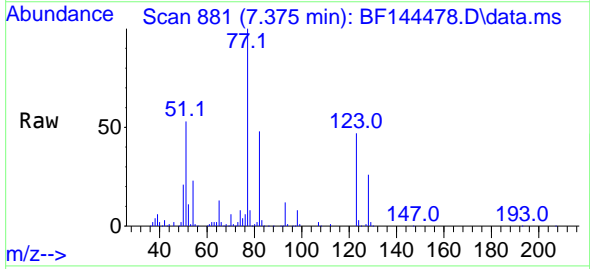
Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.5	53.3
54	52.2	43.3	64.9

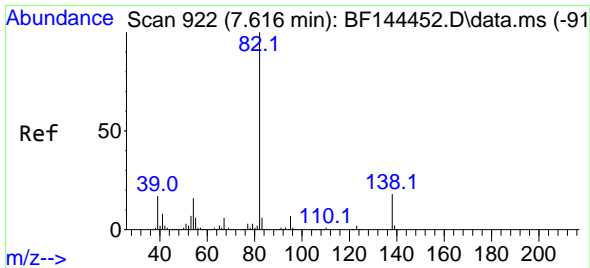


#24  
 Nitrobenzene  
 Concen: 10.706 ng  
 RT: 7.375 min Scan# 881  
 Delta R.T. -0.000 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Tgt Ion: 77 Resp: 170579

Ion	Ratio	Lower	Upper
77	100		
123	47.4	36.2	54.2
65	13.5	11.0	16.6



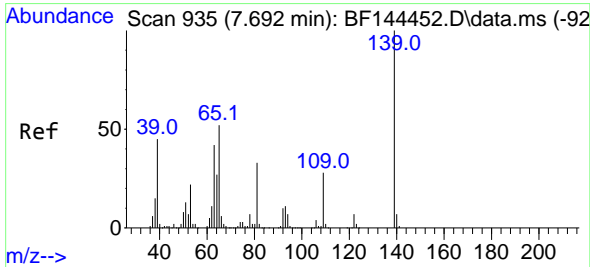
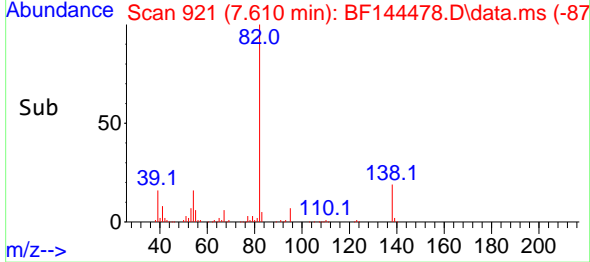
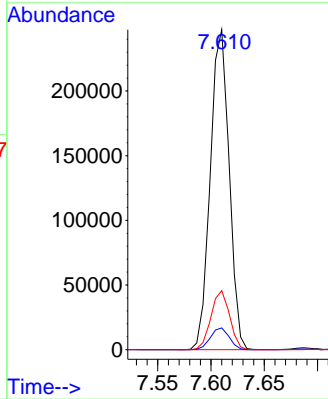
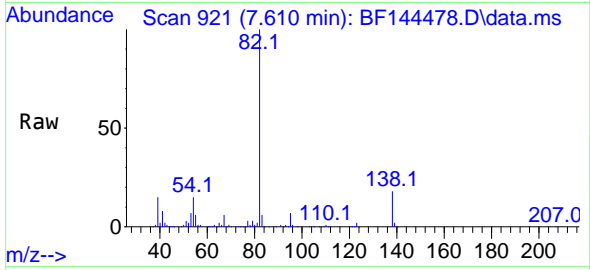


#25  
 Isophorone  
 Concen: 9.167 ng  
 RT: 7.610 min Scan# 91  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2025

Tgt Ion: 82 Resp: 303851

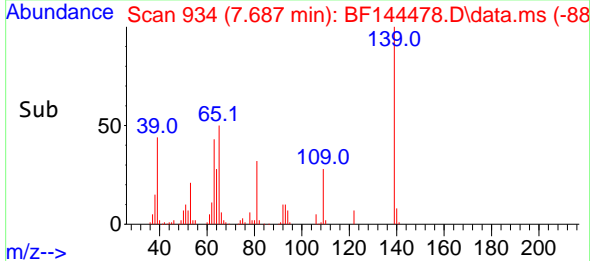
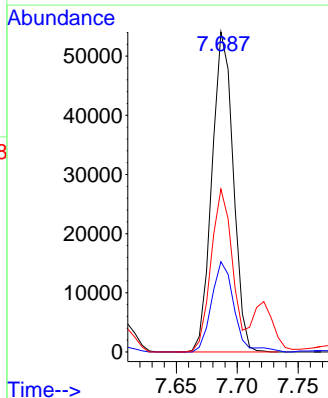
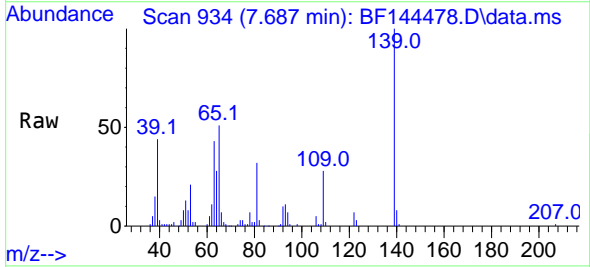
Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	18.5	14.4	21.6



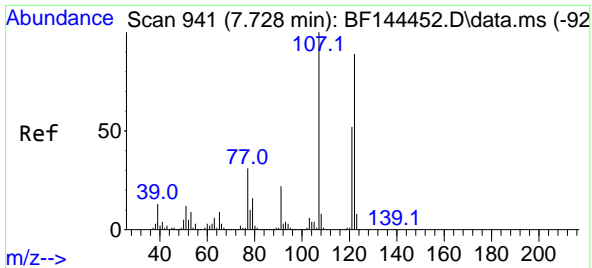
#26  
 2-Nitrophenol  
 Concen: 13.036 ng  
 RT: 7.687 min Scan# 934  
 Delta R.T. -0.005 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Tgt Ion: 139 Resp: 65793

Ion	Ratio	Lower	Upper
139	100		
109	28.2	22.1	33.1
65	50.9	41.5	62.3

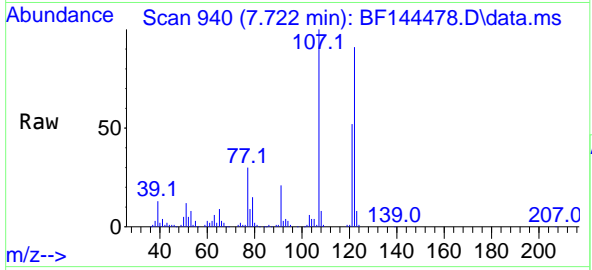




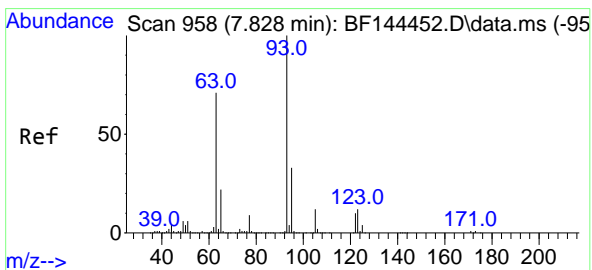
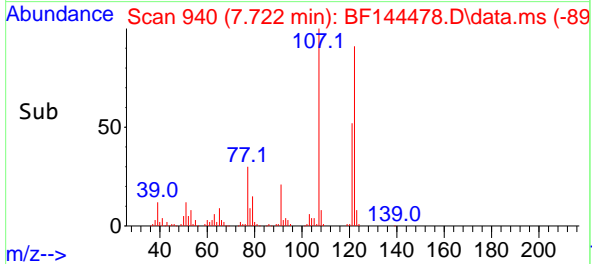
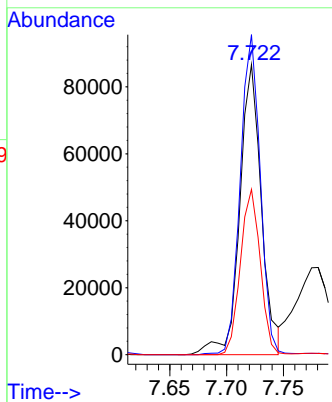


#27  
 2,4-Dimethylphenol  
 Concen: 7.264 ng  
 RT: 7.722 min Scan# 941  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025

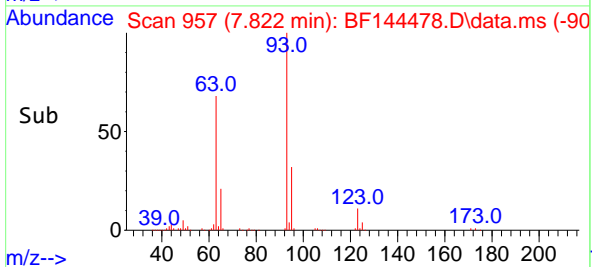
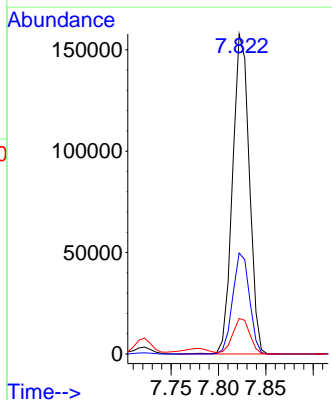
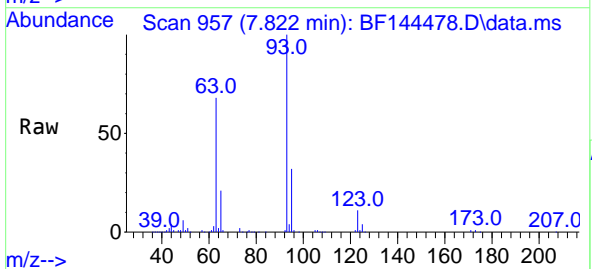


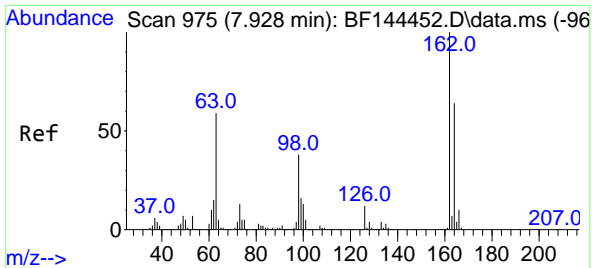
Tgt Ion:122 Resp: 114884  
 Ion Ratio Lower Upper  
 122 100  
 107 110.3 90.0 135.0  
 121 57.0 47.1 70.7



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 9.464 ng  
 RT: 7.822 min Scan# 957  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

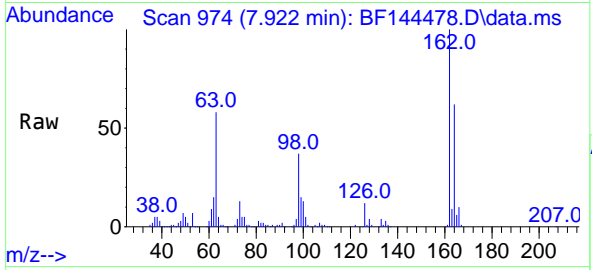
Tgt Ion: 93 Resp: 193298  
 Ion Ratio Lower Upper  
 93 100  
 95 31.6 26.2 39.2  
 123 11.1 10.2 15.4



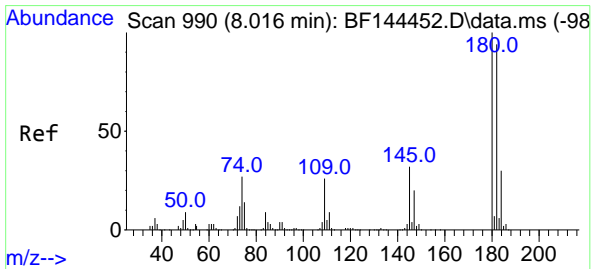
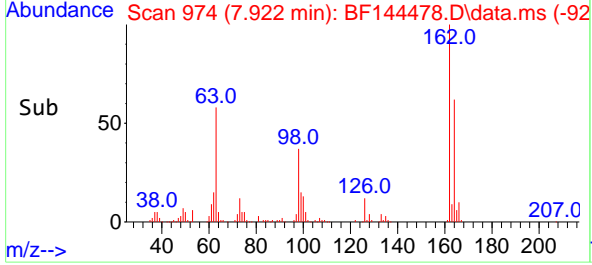
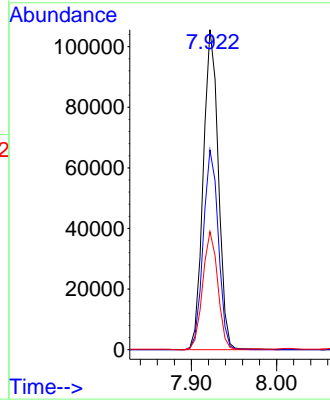


#29  
 2,4-Dichlorophenol  
 Concen: 9.879 ng  
 RT: 7.922 min Scan# 91  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2025

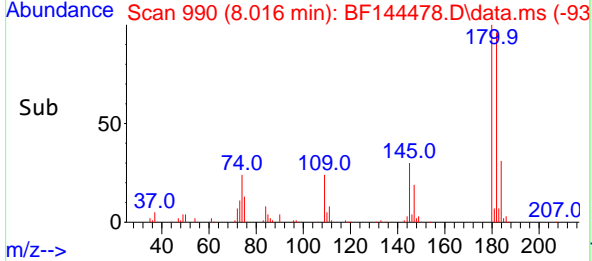
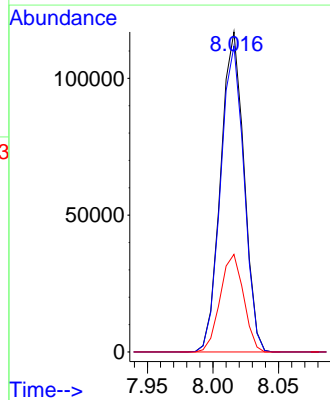
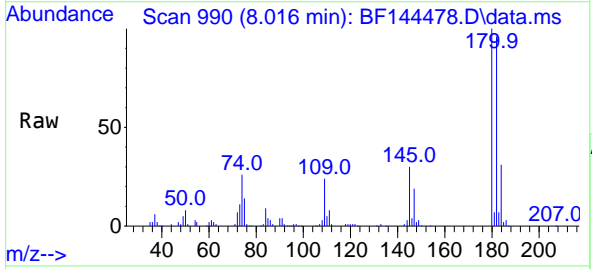


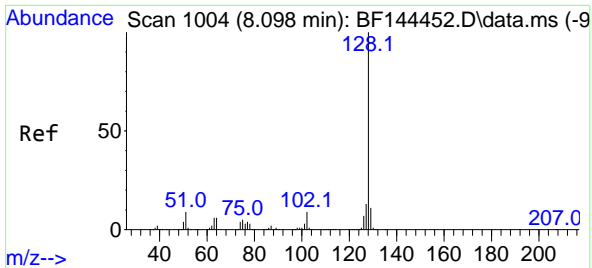
Tgt Ion:162 Resp: 129833  
 Ion Ratio Lower Upper  
 162 100  
 164 62.4 44.2 84.2  
 98 36.9 17.8 57.8



#30  
 1,2,4-Trichlorobenzene  
 Concen: 10.152 ng  
 RT: 8.016 min Scan# 990  
 Delta R.T. -0.000 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Tgt Ion:180 Resp: 144709  
 Ion Ratio Lower Upper  
 180 100  
 182 95.6 75.2 112.8  
 145 30.5 25.3 37.9



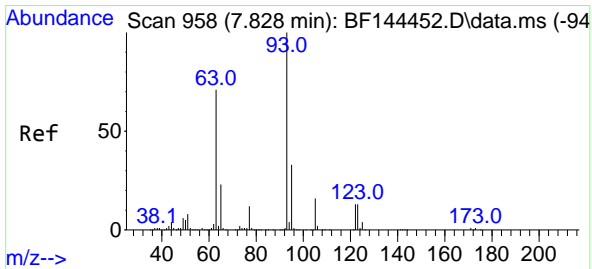
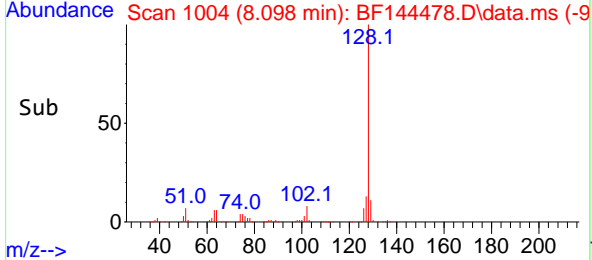
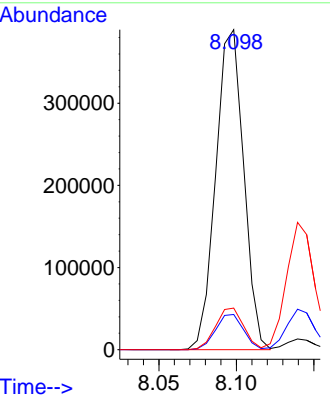
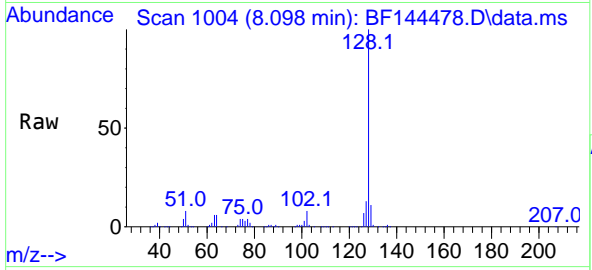


#31  
 Naphthalene  
 Concen: 9.877 ng  
 RT: 8.098 min Scan# 10  
 Delta R.T. -0.000 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2025

Tgt Ion:128 Resp: 488575

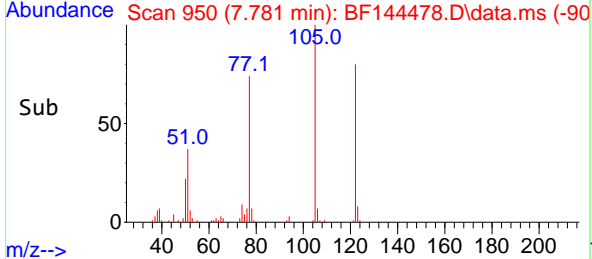
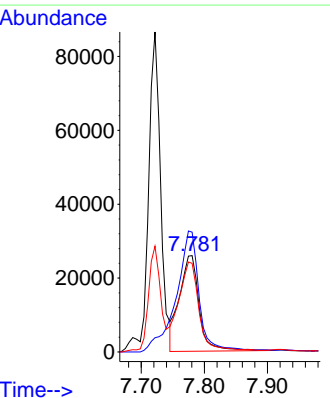
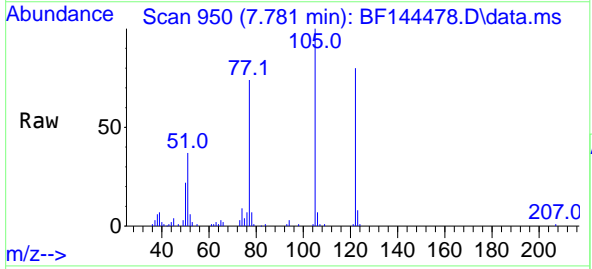
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.0	10.6	16.0

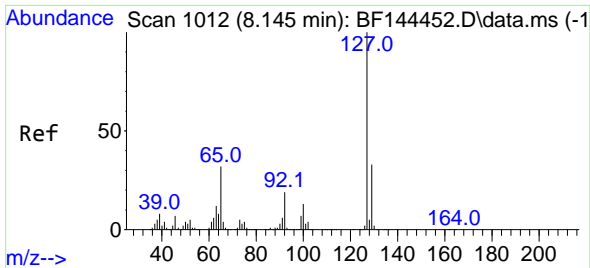


#32  
 Benzoic acid  
 Concen: 11.845 ng  
 RT: 7.781 min Scan# 950  
 Delta R.T. -0.047 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Tgt Ion:122 Resp: 56370

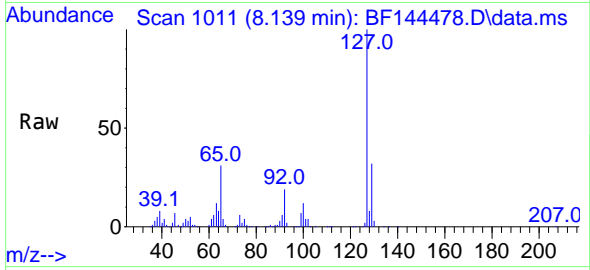
Ion	Ratio	Lower	Upper
122	100		
105	124.4	103.2	143.2
77	92.0	75.1	115.1





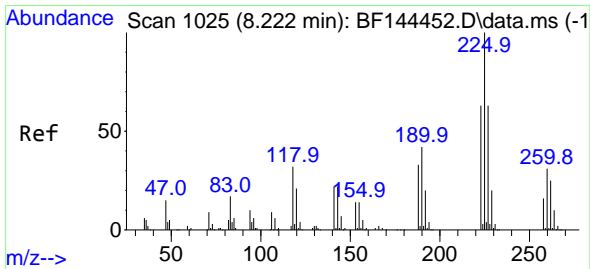
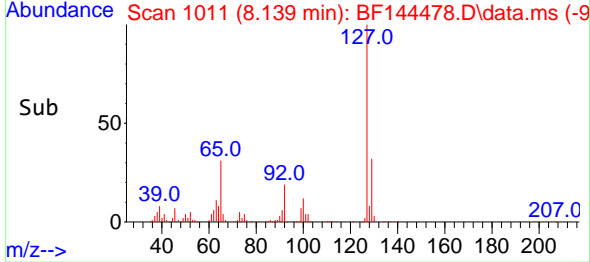
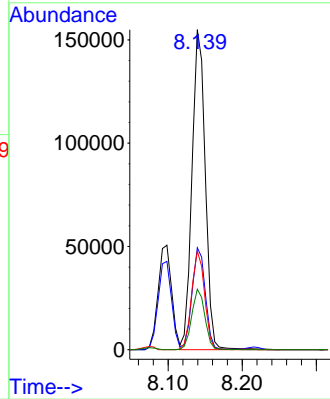
#33  
 4-Chloroaniline  
 Concen: 9.714 ng  
 RT: 8.139 min Scan# 1011  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025



Tgt Ion:127 Resp: 193157

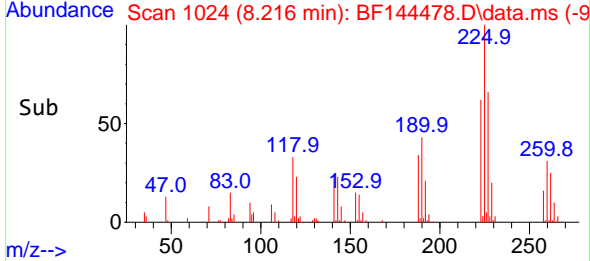
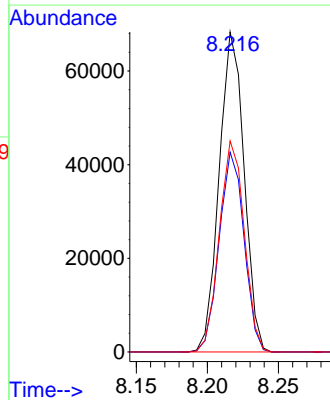
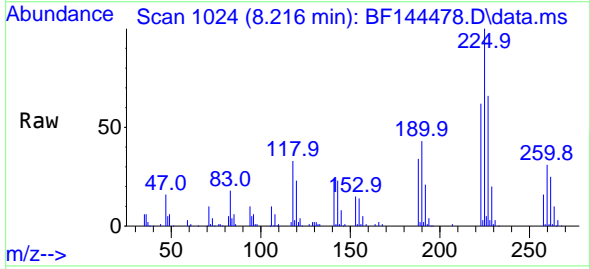
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	30.8	25.8	38.8
92	18.9	15.5	23.3

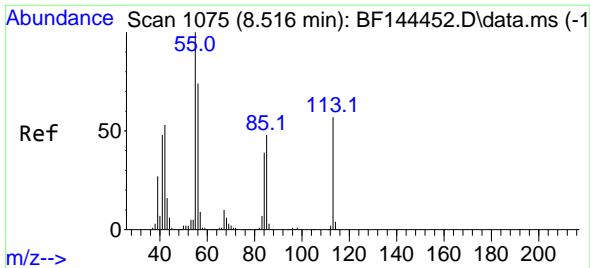


#34  
 Hexachlorobutadiene  
 Concen: 9.454 ng  
 RT: 8.216 min Scan# 1024  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Tgt Ion:225 Resp: 83324

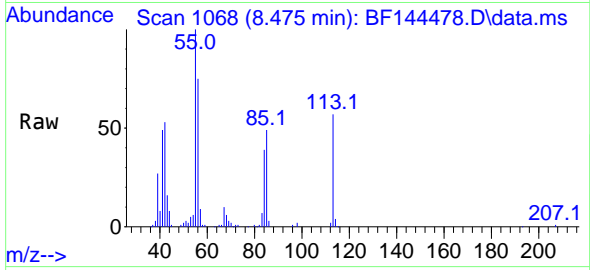
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.1	75.1
227	66.0	50.3	75.5



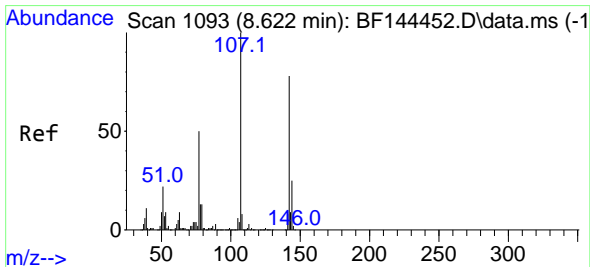
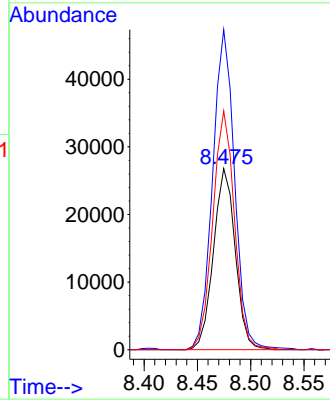
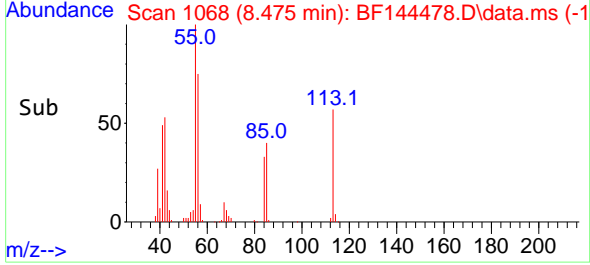


#35  
 Caprolactam  
 Concen: 8.763 ng  
 RT: 8.475 min Scan# 1068  
 Delta R.T. -0.041 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

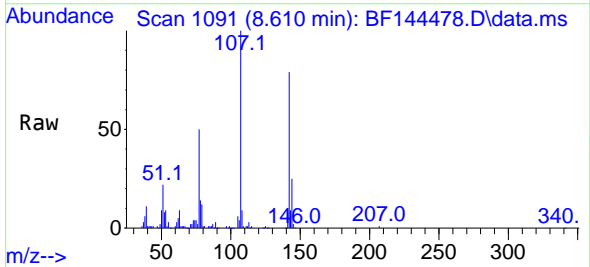
Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025



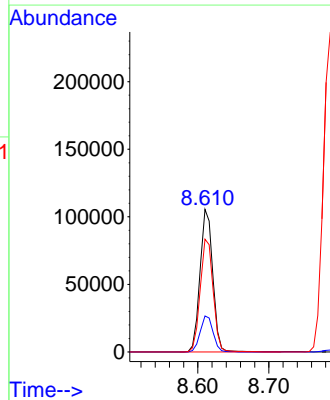
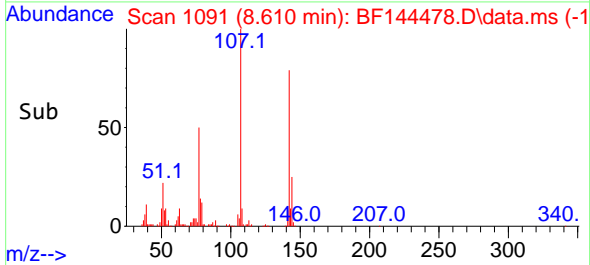
Tgt Ion:113 Resp: 38030  
 Ion Ratio Lower Upper  
 113 100  
 55 176.7 154.5 194.5  
 56 131.8 109.8 149.8

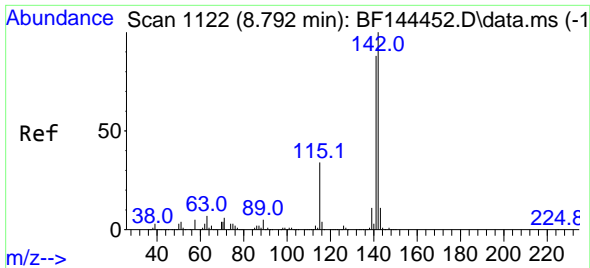


#36  
 4-Chloro-3-methylphenol  
 Concen: 9.299 ng  
 RT: 8.610 min Scan# 1091  
 Delta R.T. -0.012 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06



Tgt Ion:107 Resp: 132662  
 Ion Ratio Lower Upper  
 107 100  
 144 25.2 20.4 30.6  
 142 79.2 62.4 93.6

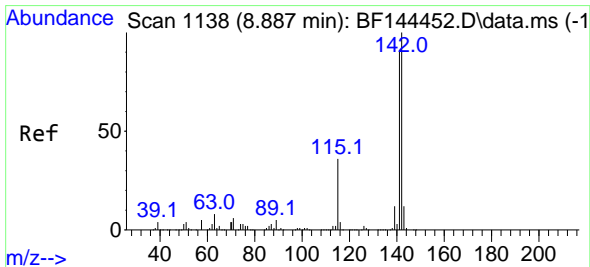
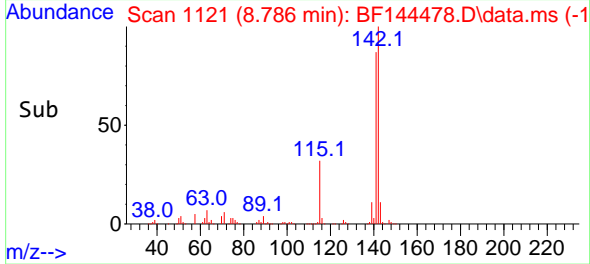
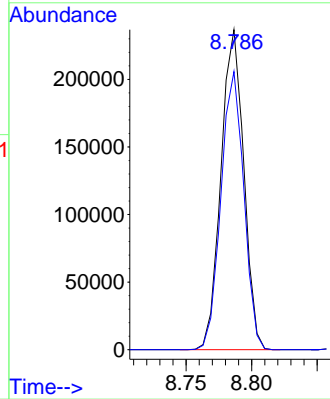
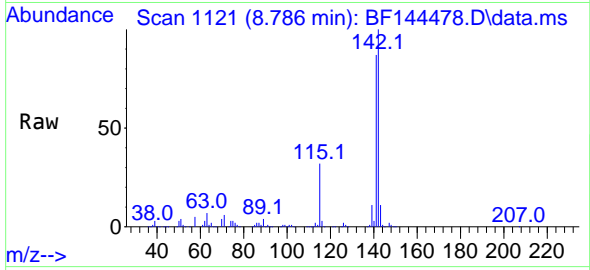




#37  
 2-Methylnaphthalene  
 Concen: 8.775 ng  
 RT: 8.786 min Scan# 1122  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

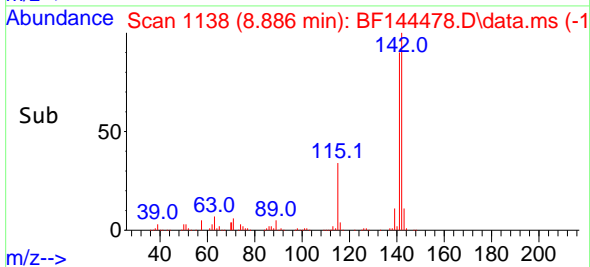
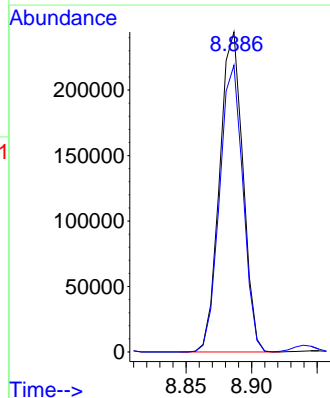
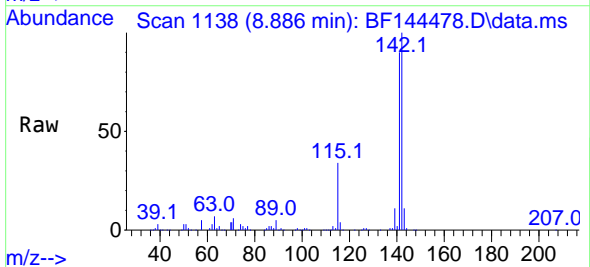
Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025

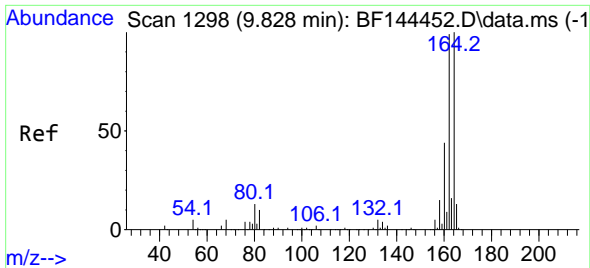
Tgt Ion:142 Resp: 285584  
 Ion Ratio Lower Upper  
 142 100  
 141 86.9 70.0 105.0



#38  
 1-Methylnaphthalene  
 Concen: 9.535 ng  
 RT: 8.886 min Scan# 1138  
 Delta R.T. -0.000 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

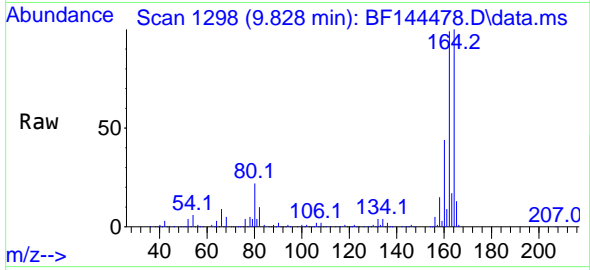
Tgt Ion:142 Resp: 302183  
 Ion Ratio Lower Upper  
 142 100  
 141 89.6 72.6 109.0



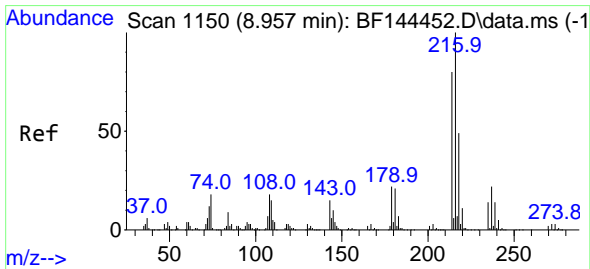
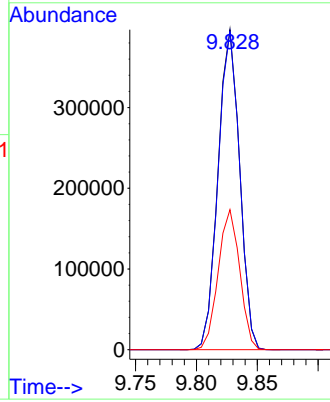
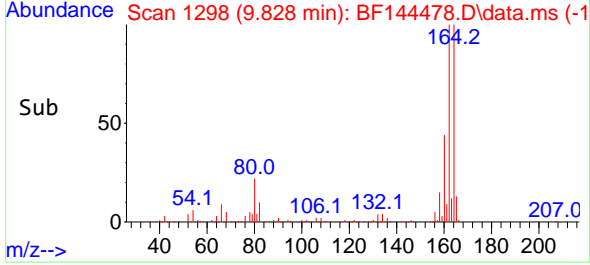


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.828 min Scan# 1149  
 Delta R.T. -0.000 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

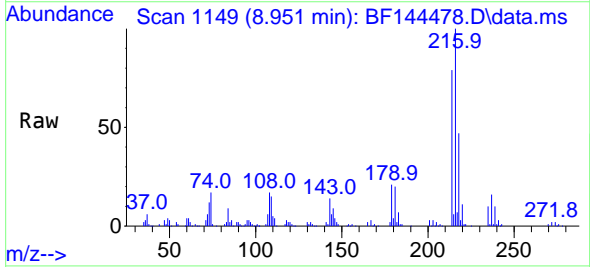
Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2025



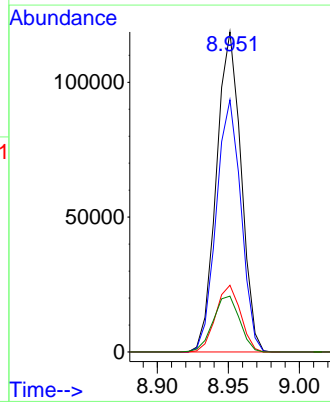
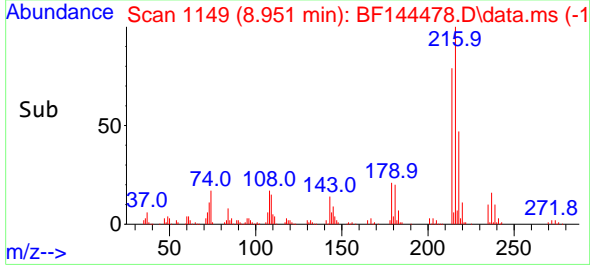
Tgt Ion:164 Resp: 489657  
 Ion Ratio Lower Upper  
 164 100  
 162 99.4 79.2 118.8  
 160 43.8 35.3 52.9

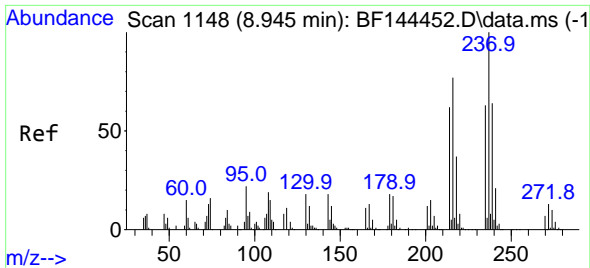


#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 10.289 ng  
 RT: 8.951 min Scan# 1149  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06



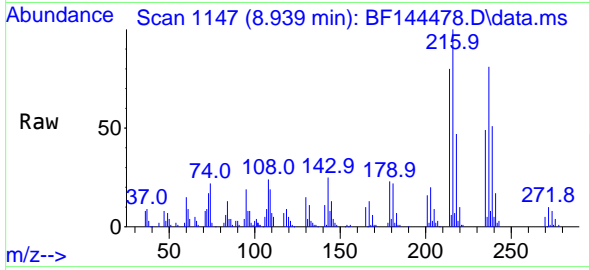
Tgt Ion:216 Resp: 143383  
 Ion Ratio Lower Upper  
 216 100  
 214 79.0 63.8 95.6  
 179 21.0 17.7 26.5  
 108 18.8 16.2 24.4



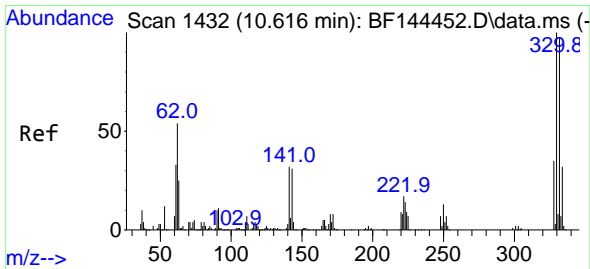
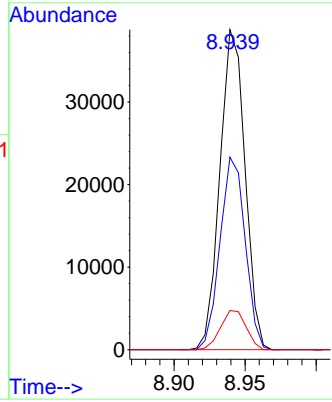
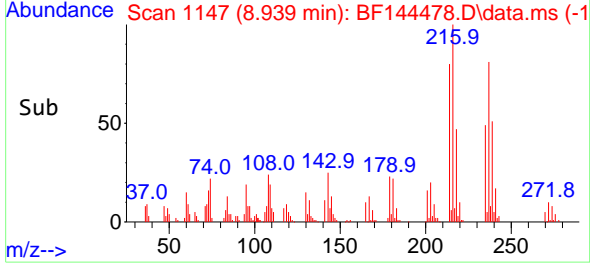


#41  
 Hexachlorocyclopentadiene  
 Concen: 5.777 ng  
 RT: 8.939 min Scan# 1147  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

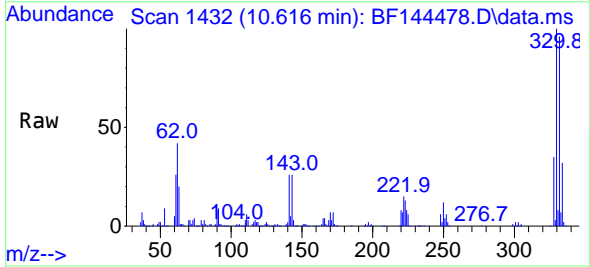
Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025



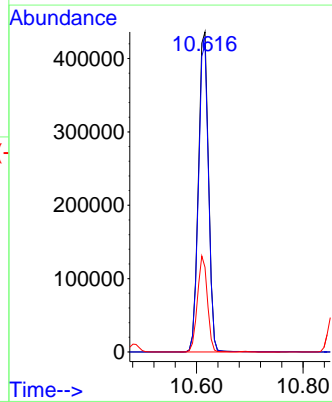
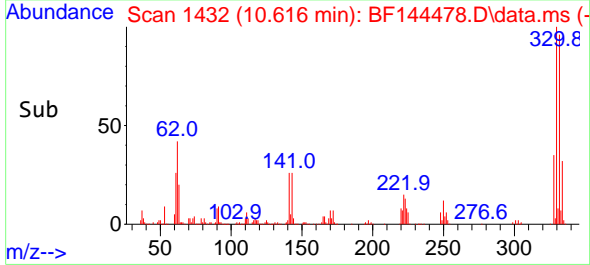
Tgt Ion:237 Resp: 47646  
 Ion Ratio Lower Upper  
 237 100  
 235 60.1 43.2 83.2  
 272 12.2 0.0 33.2



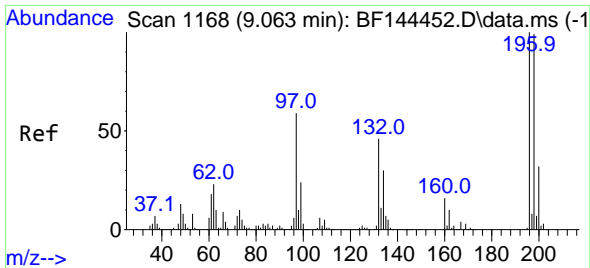
#42  
 2,4,6-Tribromophenol  
 Concen: 130.125 ng  
 RT: 10.616 min Scan# 1432  
 Delta R.T. -0.000 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06



Tgt Ion:330 Resp: 576058  
 Ion Ratio Lower Upper  
 330 100  
 332 96.2 77.5 116.3  
 141 29.4 26.2 39.2



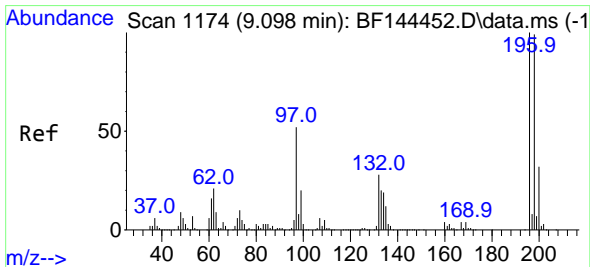
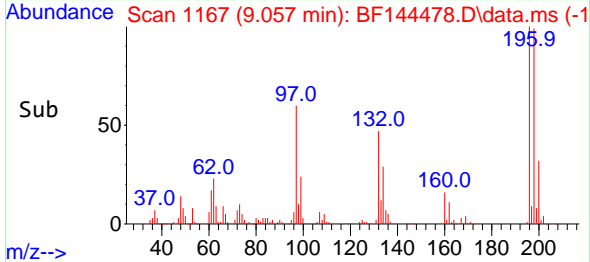
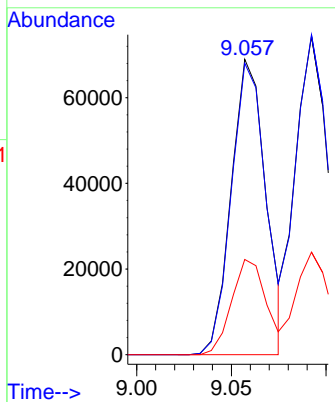
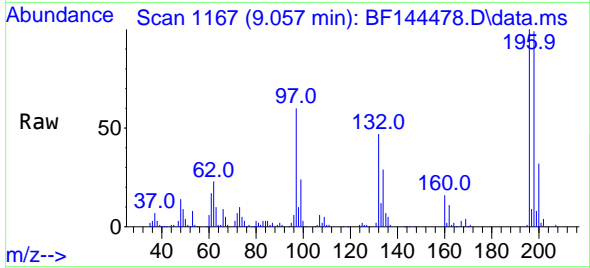




#43  
 2,4,6-Trichlorophenol  
 Concen: 9.885 ng  
 RT: 9.057 min Scan# 1167  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

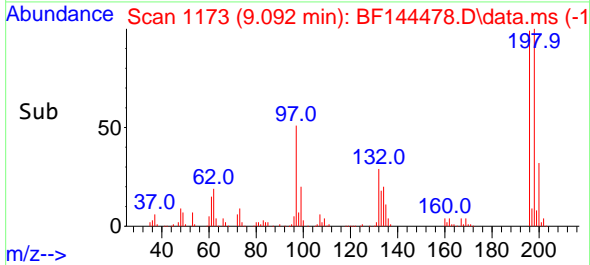
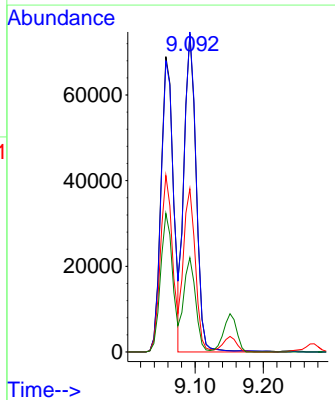
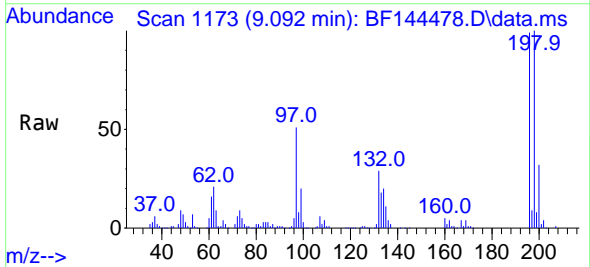
Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025

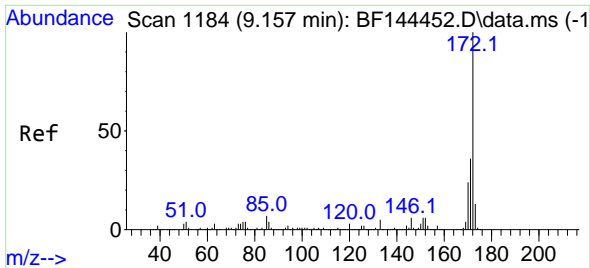
Tgt Ion:196 Resp: 87480  
 Ion Ratio Lower Upper  
 196 100  
 198 98.6 79.0 118.4  
 200 32.2 25.3 37.9



#44  
 2,4,5-Trichlorophenol  
 Concen: 9.898 ng  
 RT: 9.092 min Scan# 1173  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Tgt Ion:196 Resp: 91933  
 Ion Ratio Lower Upper  
 196 100  
 198 100.5 79.5 119.3  
 97 51.3 42.2 63.2  
 132 29.6 24.0 36.0

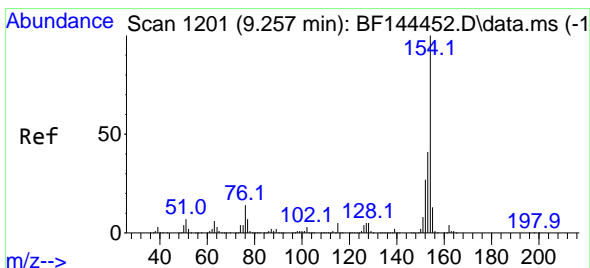
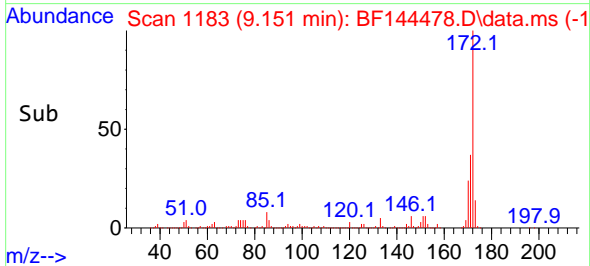
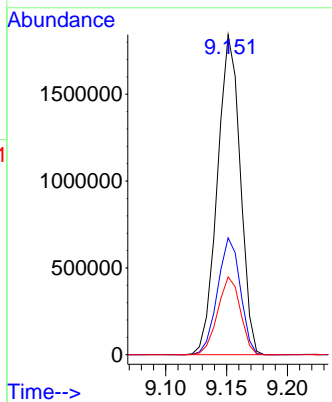
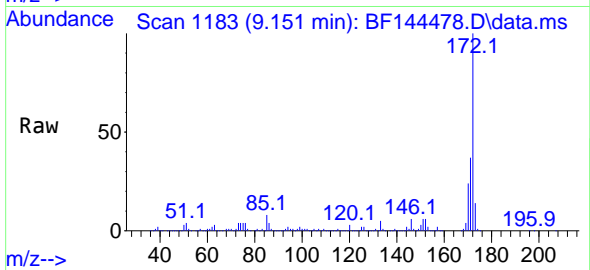




#45  
 2-Fluorobiphenyl  
 Concen: 75.437 ng  
 RT: 9.151 min Scan# 1183  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

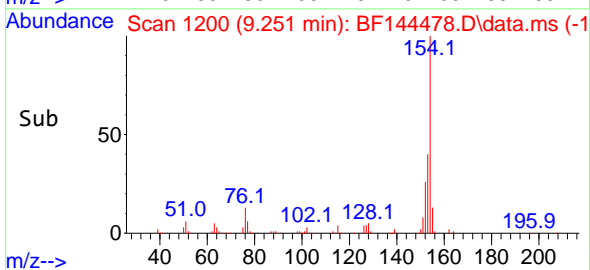
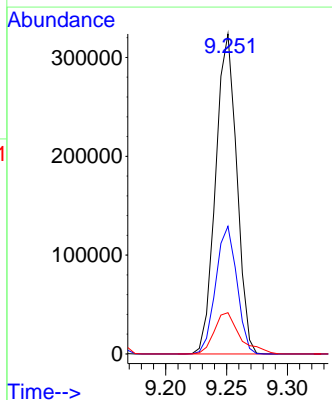
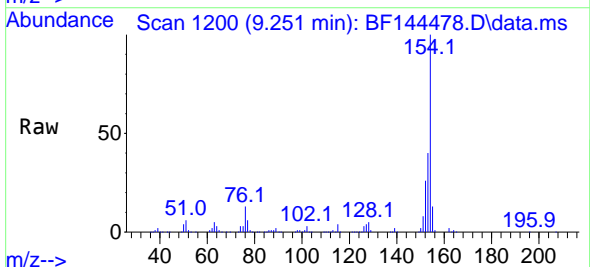
Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025

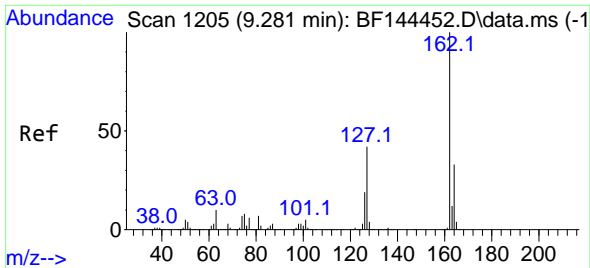
Tgt Ion:172 Resp: 2407863  
 Ion Ratio Lower Upper  
 172 100  
 171 36.5 28.7 43.1  
 170 24.3 19.3 28.9



#46  
 1,1'-Biphenyl  
 Concen: 10.240 ng  
 RT: 9.251 min Scan# 1200  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Tgt Ion:154 Resp: 391862  
 Ion Ratio Lower Upper  
 154 100  
 153 39.9 21.0 61.0  
 76 12.9 0.0 33.8



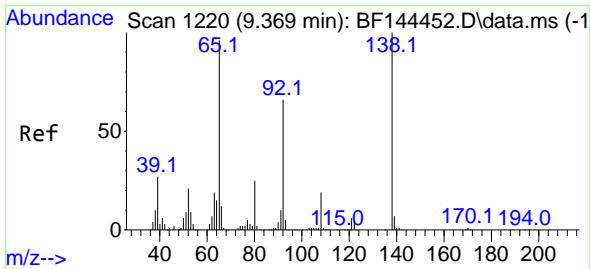
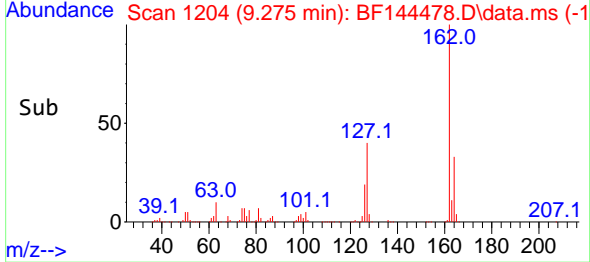
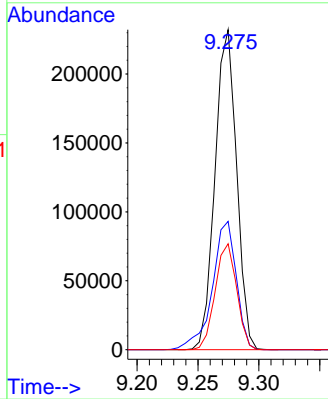
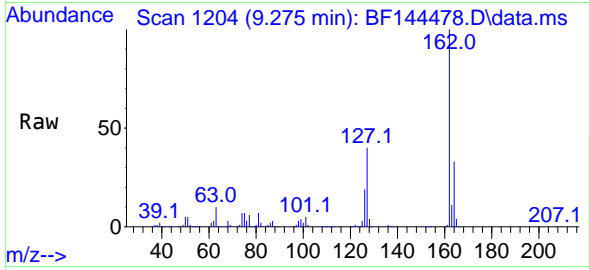


#47  
 2-Chloronaphthalene  
 Concen: 9.812 ng  
 RT: 9.275 min Scan# 1119  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025

Tgt Ion:162 Resp: 286633

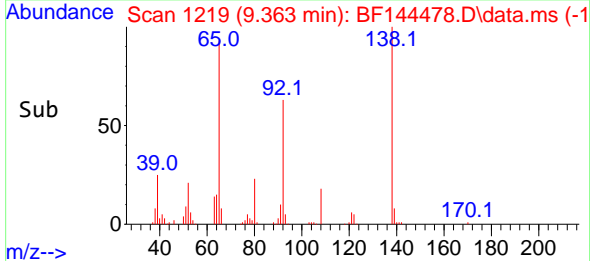
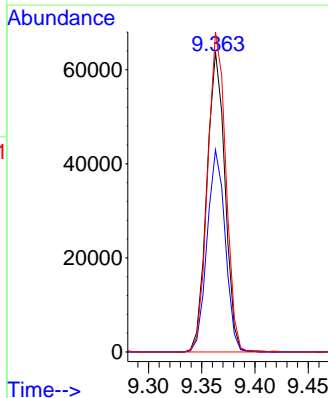
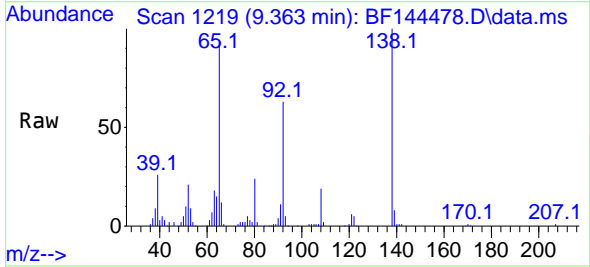
Ion	Ratio	Lower	Upper
162	100		
127	40.1	33.6	50.4
164	33.1	26.6	39.8

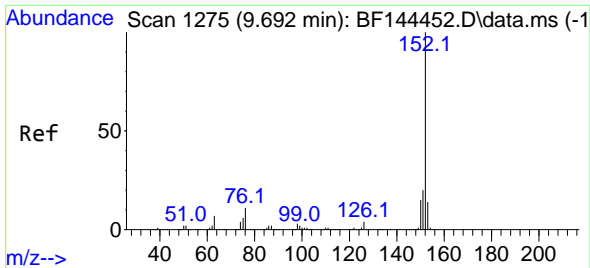


#48  
 2-Nitroaniline  
 Concen: 12.005 ng  
 RT: 9.363 min Scan# 1219  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Tgt Ion: 65 Resp: 75894

Ion	Ratio	Lower	Upper
65	100		
92	67.3	55.0	82.4
138	106.6	83.4	125.2



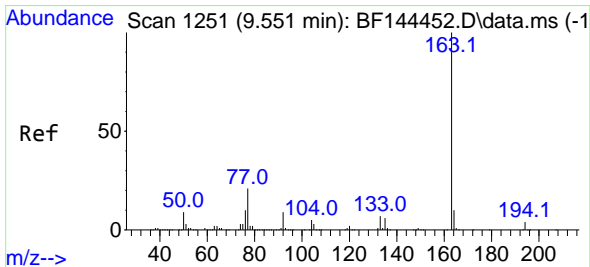
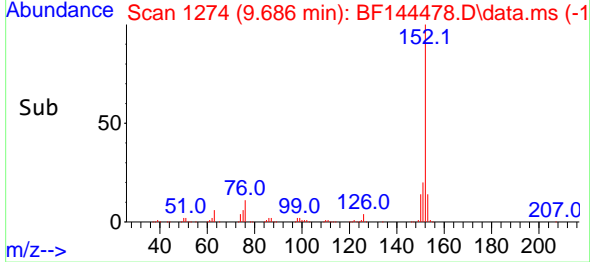
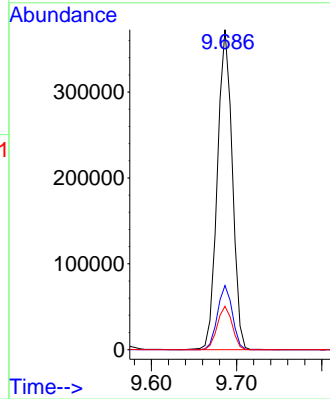
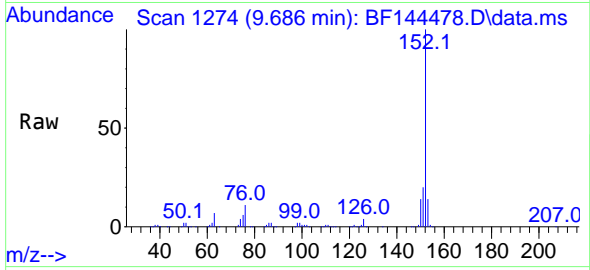


#49  
 Acenaphthylene  
 Concen: 9.774 ng  
 RT: 9.686 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2025

Tgt Ion:152 Resp: 452352

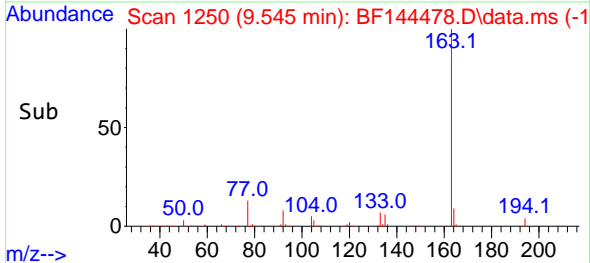
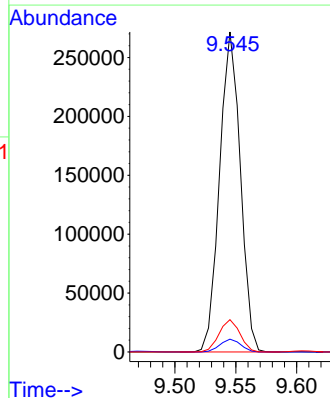
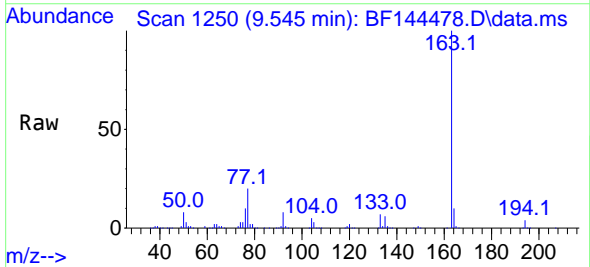
Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.6	11.4	17.0

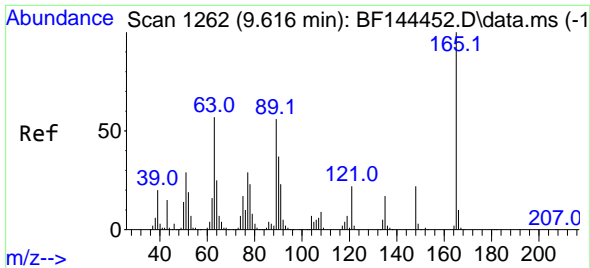


#50  
 Dimethylphthalate  
 Concen: 9.752 ng  
 RT: 9.545 min Scan# 1250  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Tgt Ion:163 Resp: 322548

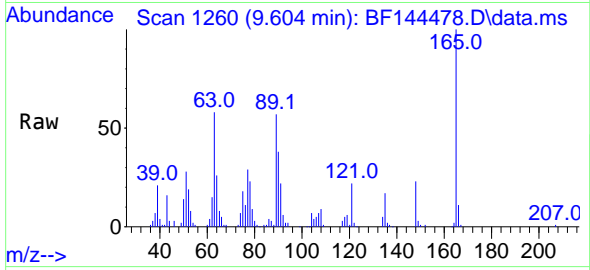
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.1	8.3	12.5





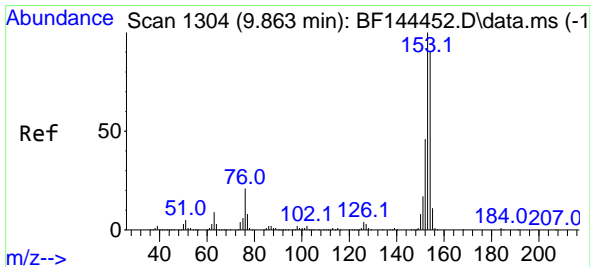
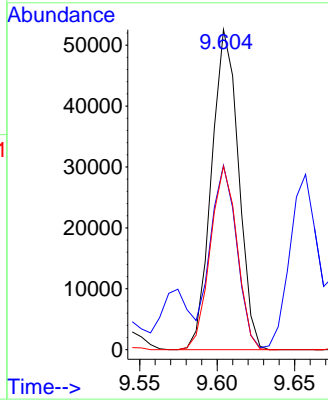
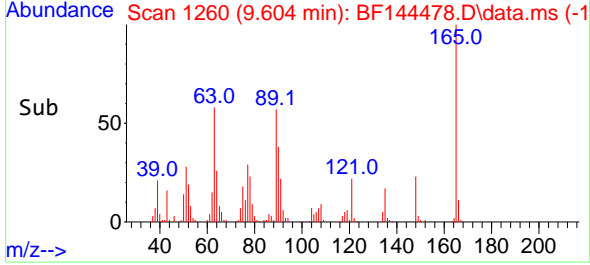
#51  
 2,6-Dinitrotoluene  
 Concen: 13.550 ng  
 RT: 9.604 min Scan# 111  
 Delta R.T. -0.012 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025

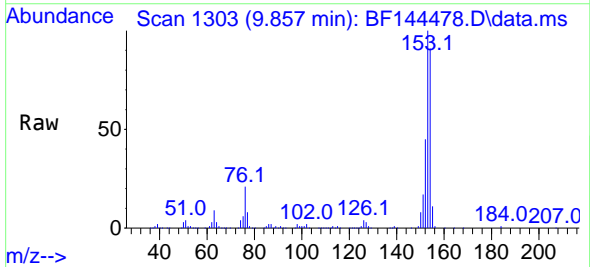


Tgt Ion:165 Resp: 63622

Ion	Ratio	Lower	Upper
165	100		
63	57.6	45.9	68.9
89	57.3	44.6	67.0

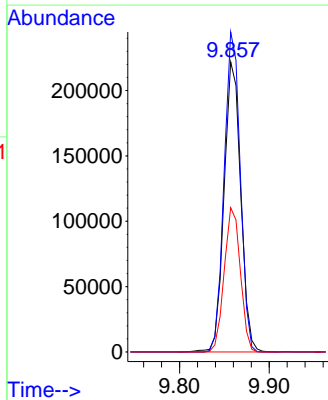
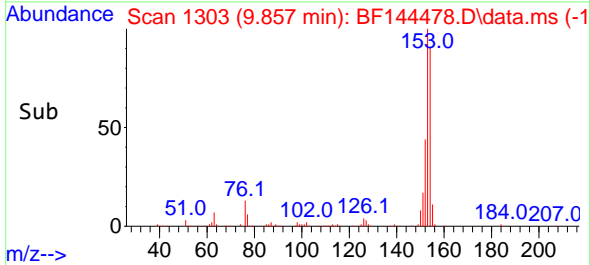


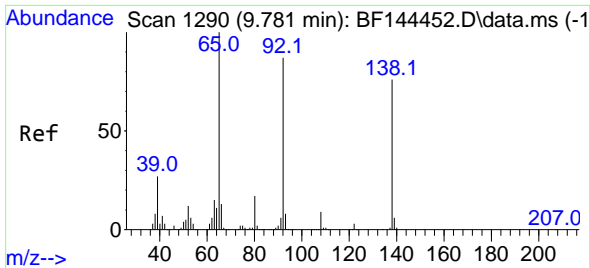
#52  
 Acenaphthene  
 Concen: 9.886 ng  
 RT: 9.857 min Scan# 1303  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06



Tgt Ion:154 Resp: 285298

Ion	Ratio	Lower	Upper
154	100		
153	110.3	88.6	132.8
152	49.7	40.6	61.0

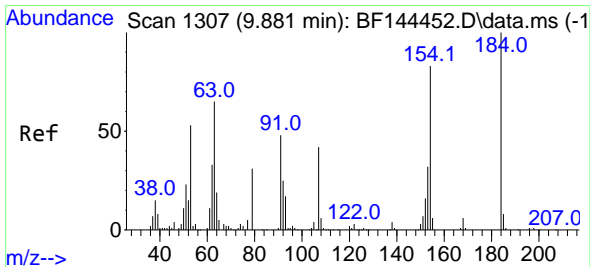
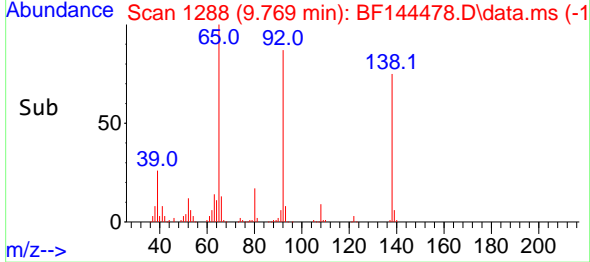
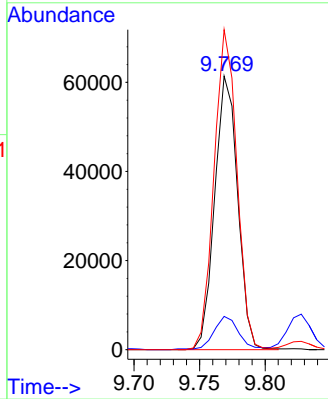
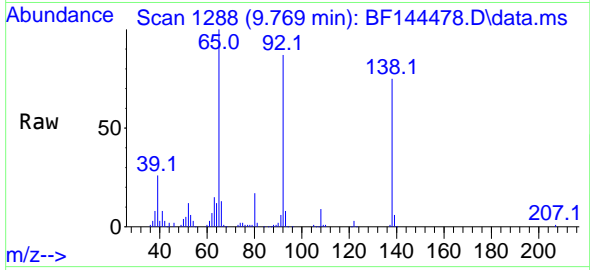




#53  
 3-Nitroaniline  
 Concen: 12.470 ng  
 RT: 9.769 min Scan# 111  
 Delta R.T. -0.012 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

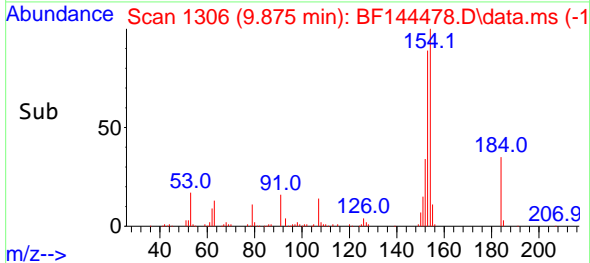
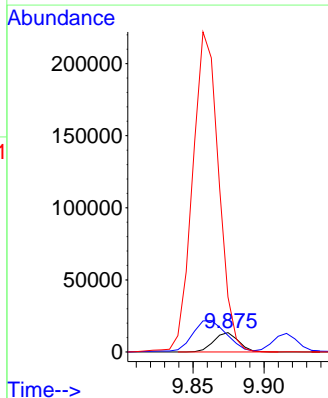
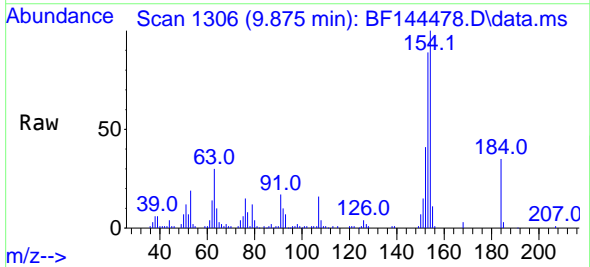
Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2025

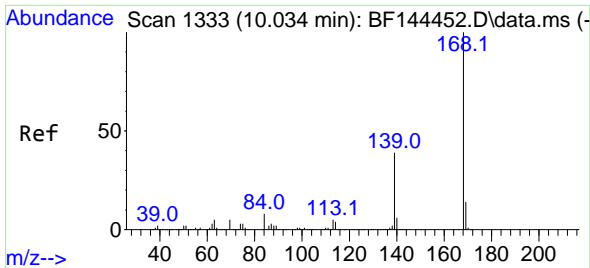
Tgt Ion:138 Resp: 74861  
 Ion Ratio Lower Upper  
 138 100  
 108 12.2 9.7 14.5  
 92 117.0 91.5 137.3



#54  
 2,4-Dinitrophenol  
 Concen: 13.150 ng  
 RT: 9.875 min Scan# 1306  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

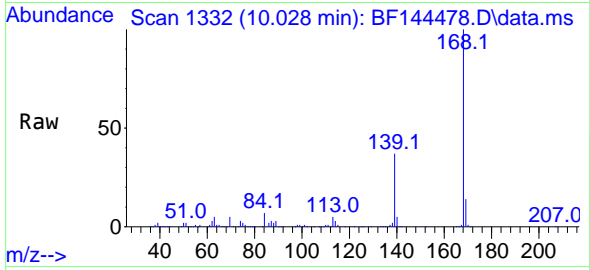
Tgt Ion:184 Resp: 16280  
 Ion Ratio Lower Upper  
 184 100  
 63 85.3 60.6 91.0  
 154 284.8 137.8 206.8#





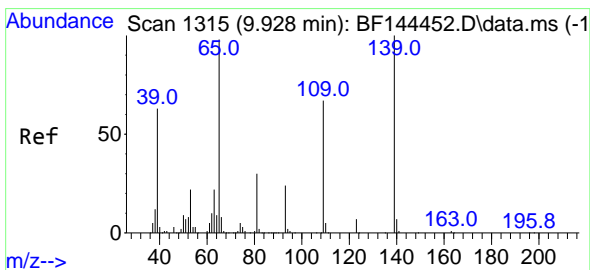
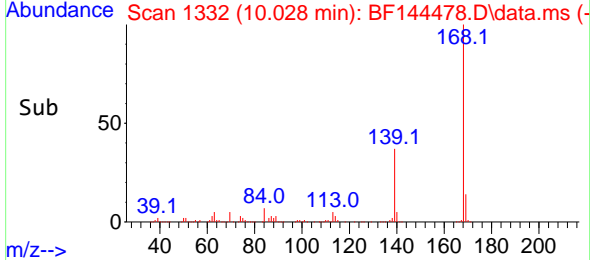
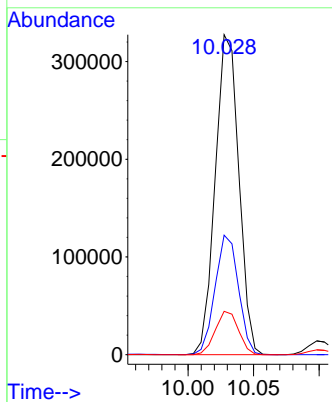
#55  
 Dibenzofuran  
 Concen: 9.962 ng  
 RT: 10.028 min Scan# 111  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025



Tgt Ion:168 Resp: 409024

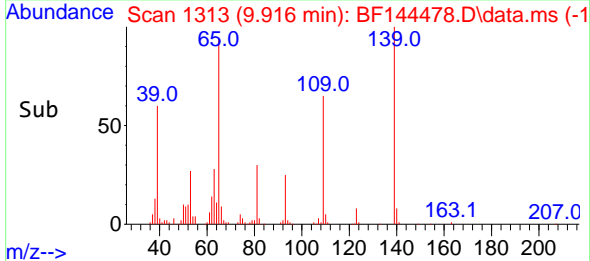
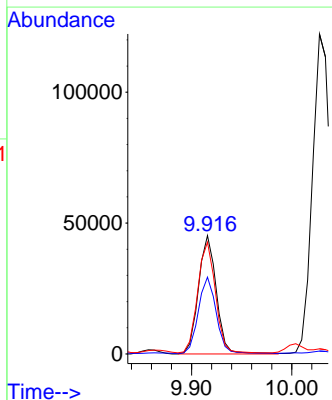
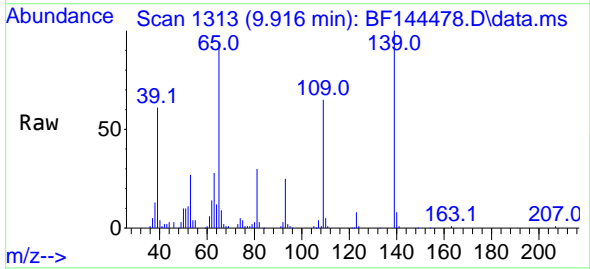
Ion	Ratio	Lower	Upper
168	100		
139	37.3	31.0	46.6
169	13.5	10.9	16.3

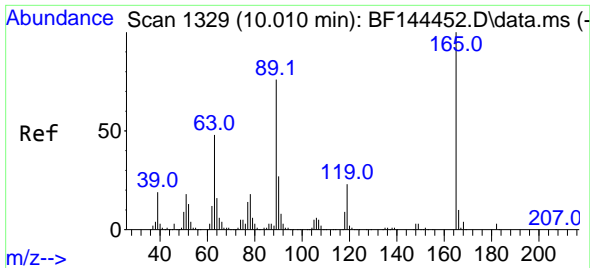


#56  
 4-Nitrophenol  
 Concen: 9.987 ng  
 RT: 9.916 min Scan# 1313  
 Delta R.T. -0.012 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Tgt Ion:139 Resp: 56255

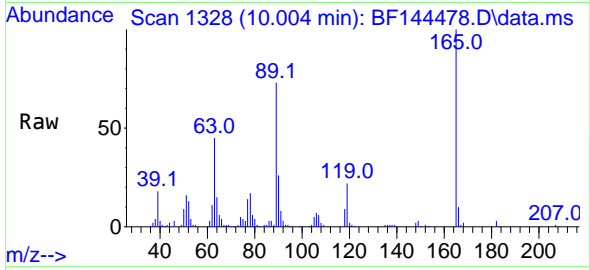
Ion	Ratio	Lower	Upper
139	100		
109	64.8	47.4	87.4
65	94.5	78.4	118.4



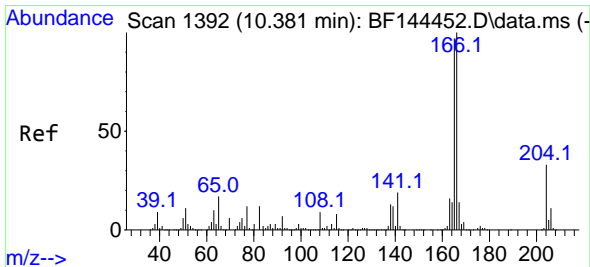
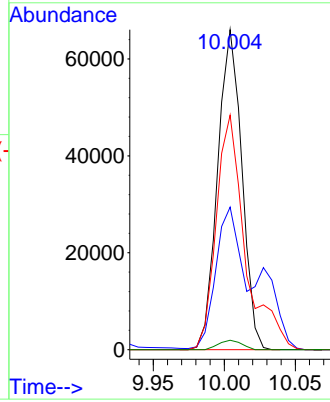
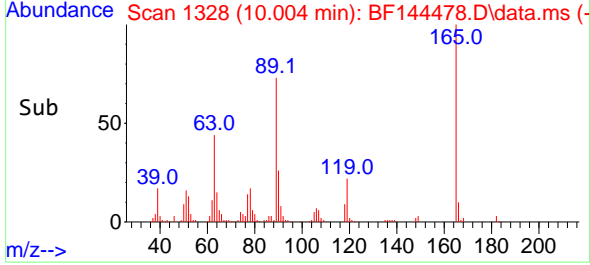


#57  
 2,4-Dinitrotoluene  
 Concen: 12.575 ng  
 RT: 10.004 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

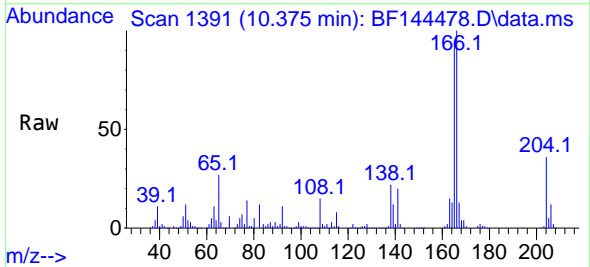
Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2025



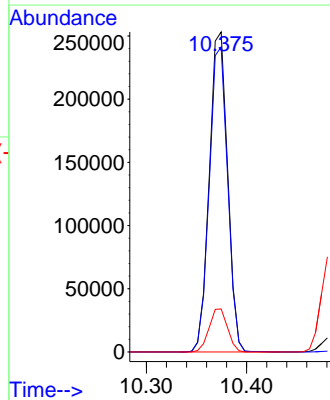
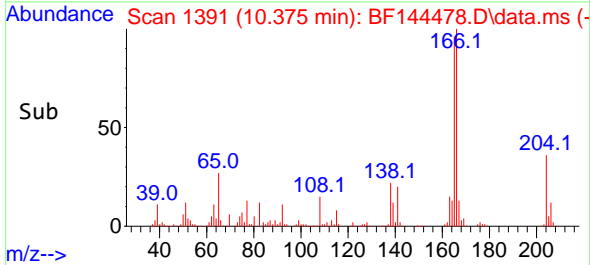
Tgt Ion:165 Resp: 78262  
 Ion Ratio Lower Upper  
 165 100  
 63 44.5 38.2 57.4  
 89 73.3 61.2 91.8  
 182 3.0 2.2 3.4



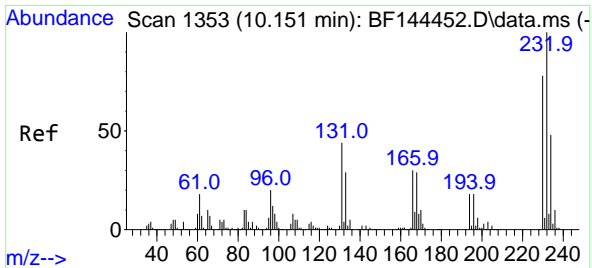
#58  
 Fluorene  
 Concen: 10.354 ng  
 RT: 10.375 min Scan# 1391  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06



Tgt Ion:166 Resp: 321906  
 Ion Ratio Lower Upper  
 166 100  
 165 95.4 77.6 116.4  
 167 13.5 10.8 16.2

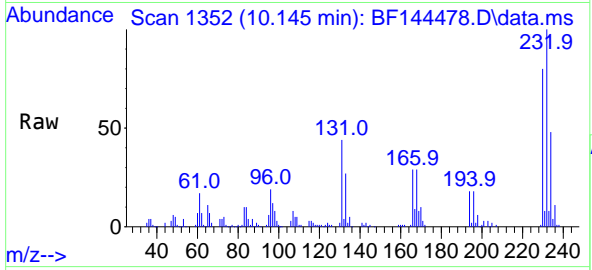






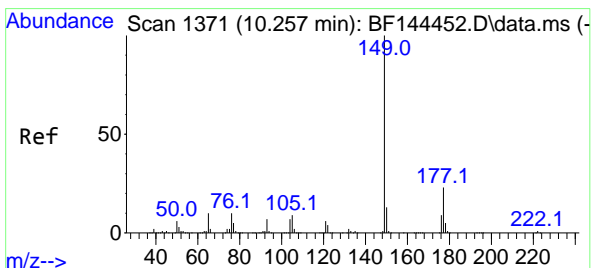
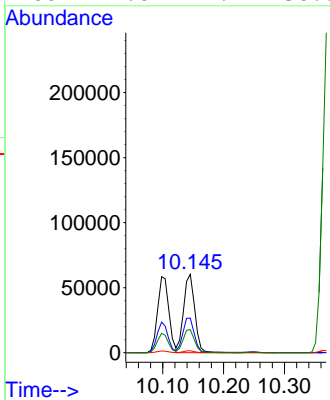
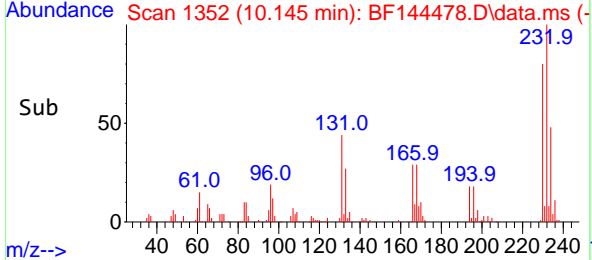
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 10.985 ng  
 RT: 10.145 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025

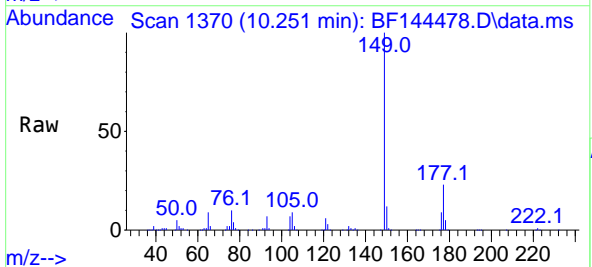


Tgt Ion: 232 Resp: 77454

Ion	Ratio	Lower	Upper
232	100		
131	45.2	36.3	54.5
130	2.3	1.8	2.6
166	29.6	24.4	36.6

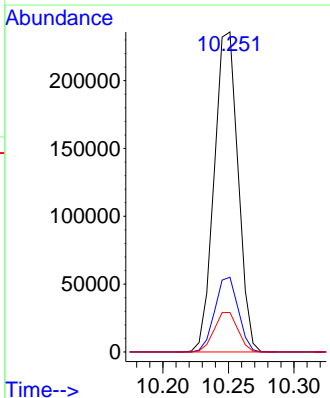
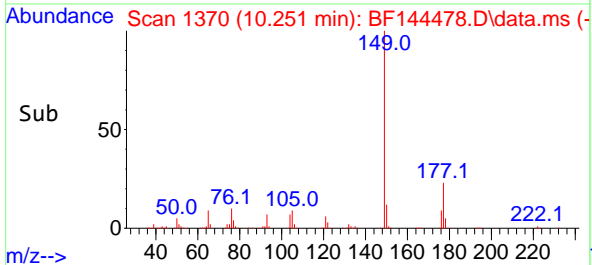


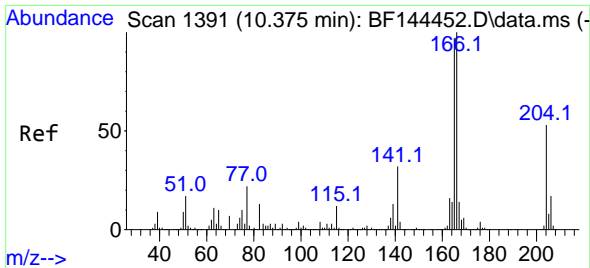
#60  
 Diethylphthalate  
 Concen: 9.516 ng  
 RT: 10.251 min Scan# 1370  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06



Tgt Ion: 149 Resp: 298308

Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.7	28.1
150	12.3	10.1	15.1

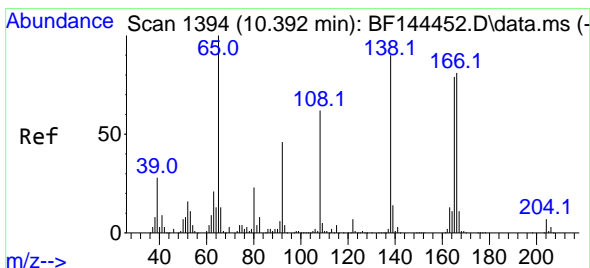
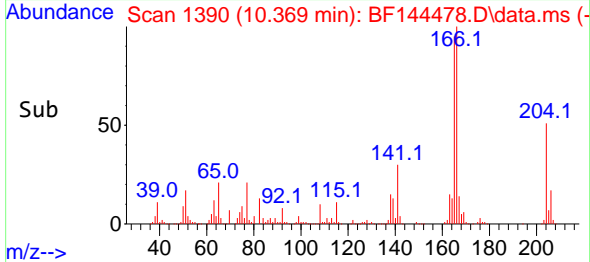
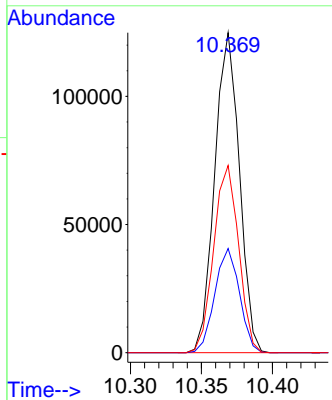
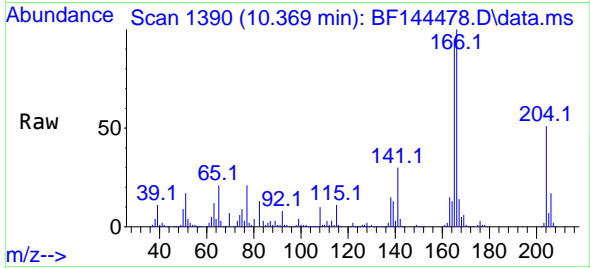




#61  
 4-Chlorophenyl-phenylether  
 Concen: 9.880 ng  
 RT: 10.369 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

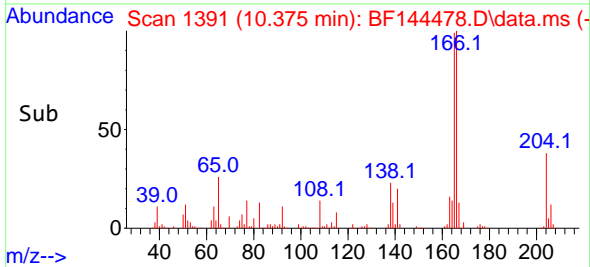
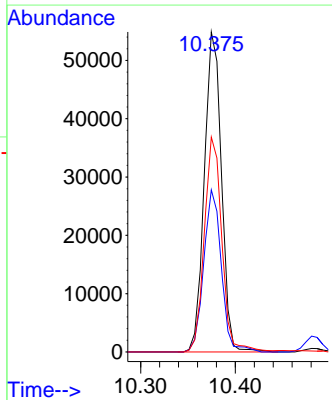
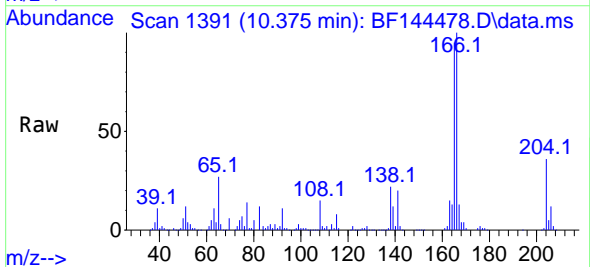
Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025

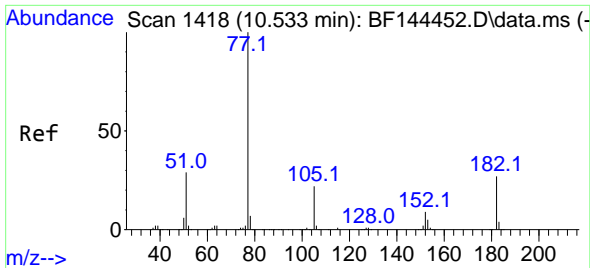
Tgt Ion:204 Resp: 150720  
 Ion Ratio Lower Upper  
 204 100  
 206 32.5 26.3 39.5  
 141 58.5 48.4 72.6



#62  
 4-Nitroaniline  
 Concen: 11.443 ng  
 RT: 10.375 min Scan# 1391  
 Delta R.T. -0.017 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

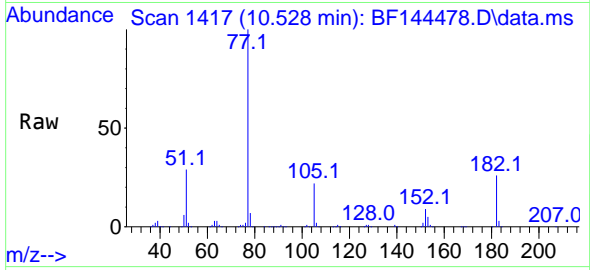
Tgt Ion:138 Resp: 68906  
 Ion Ratio Lower Upper  
 138 100  
 92 50.6 30.8 70.8  
 108 67.2 49.2 89.2



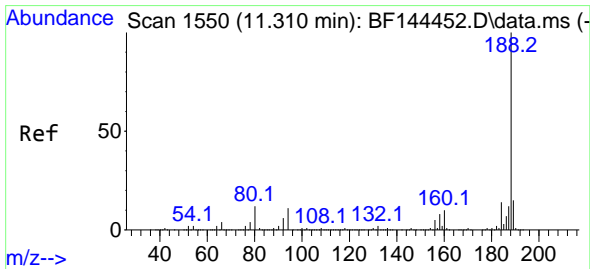
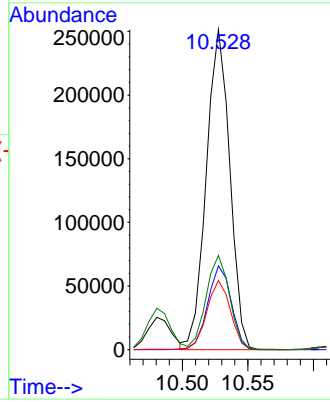
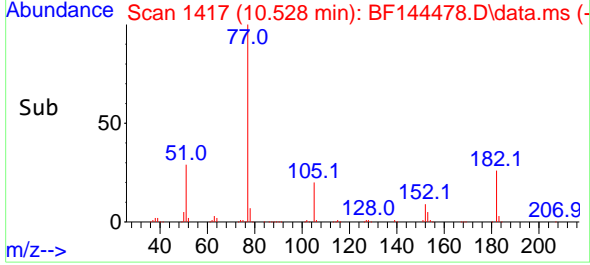


#63  
 Azobenzene  
 Concen: 9.478 ng  
 RT: 10.528 min Scan# 1418  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

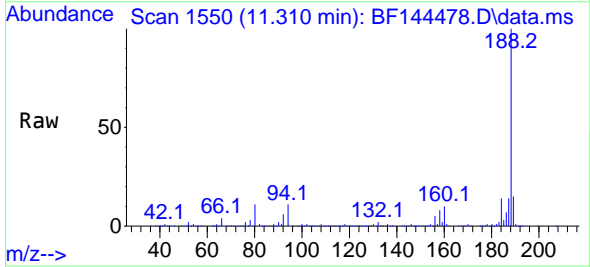
Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025



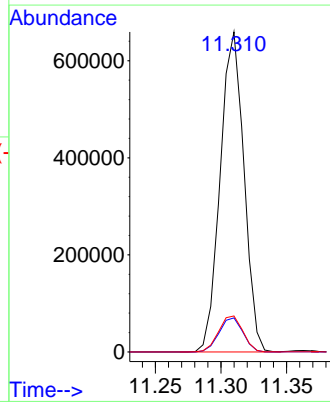
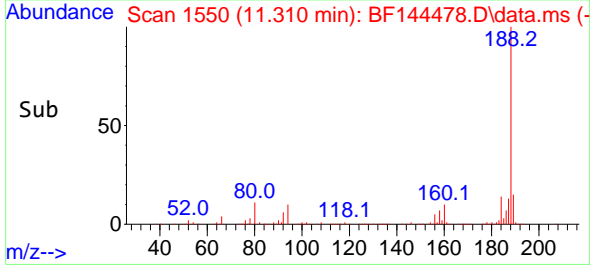
Tgt Ion: 77 Resp: 313997  
 Ion Ratio Lower Upper  
 77 100  
 182 26.2 6.1 46.1  
 105 21.6 1.5 41.5  
 51 29.5 10.5 50.5

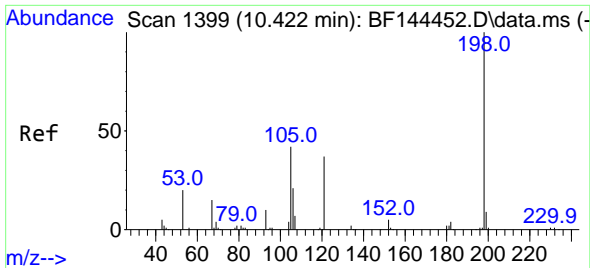


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.310 min Scan# 1550  
 Delta R.T. -0.000 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06



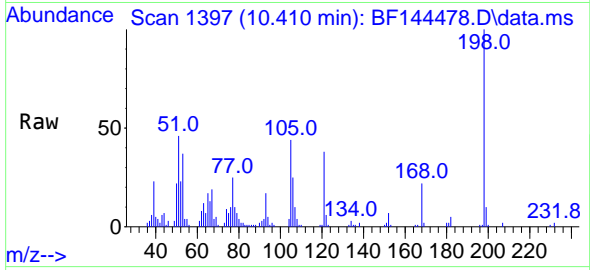
Tgt Ion: 188 Resp: 829752  
 Ion Ratio Lower Upper  
 188 100  
 94 10.6 9.0 13.6  
 80 11.3 9.8 14.8



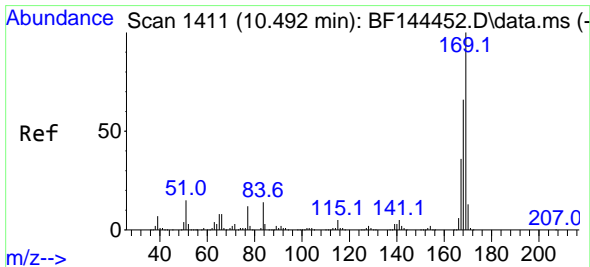
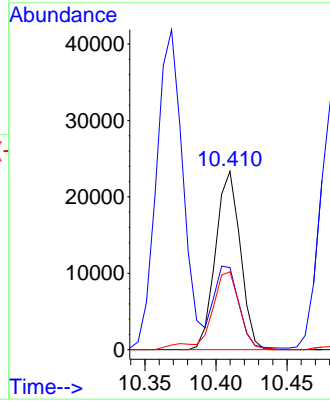
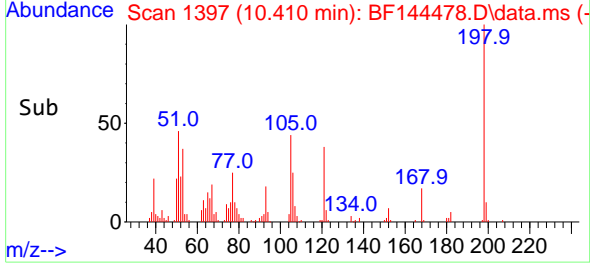


#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 13.643 ng  
 RT: 10.410 min Scan# 111  
 Delta R.T. -0.012 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

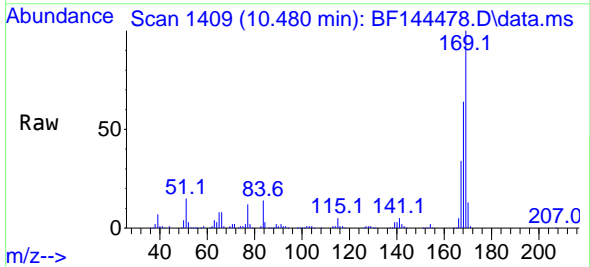
Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025



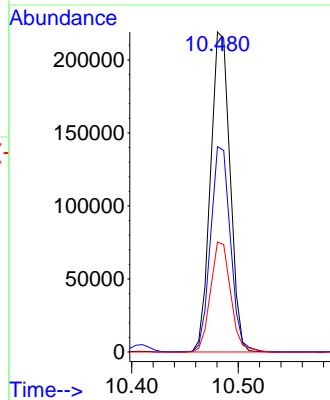
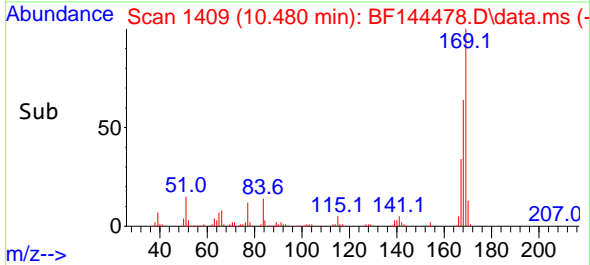
Tgt Ion:198 Resp: 28287  
 Ion Ratio Lower Upper  
 198 100  
 51 46.0 25.5 65.5  
 105 43.7 23.4 63.4

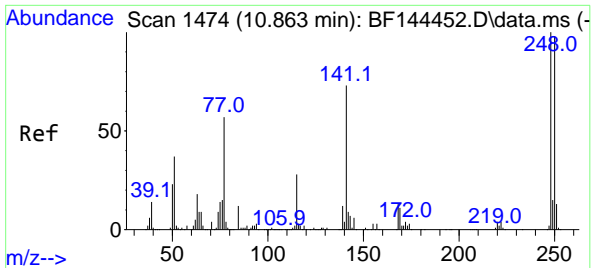


#66  
 n-Nitrosodiphenylamine  
 Concen: 9.813 ng  
 RT: 10.480 min Scan# 1409  
 Delta R.T. -0.012 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06



Tgt Ion:169 Resp: 279048  
 Ion Ratio Lower Upper  
 169 100  
 168 64.2 52.6 79.0  
 167 34.4 28.8 43.2



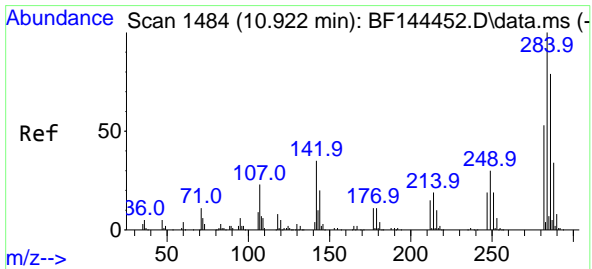
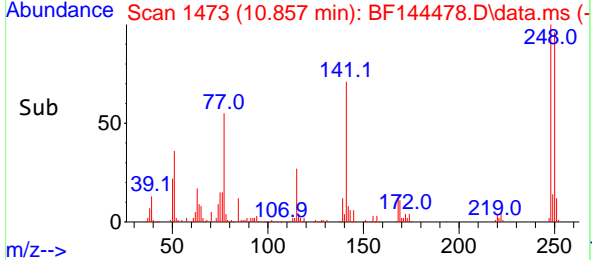
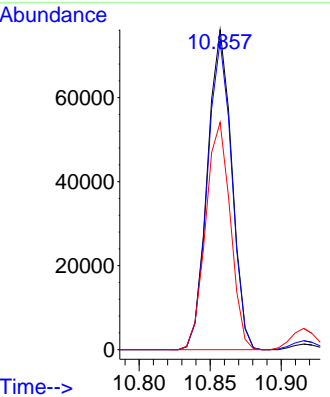
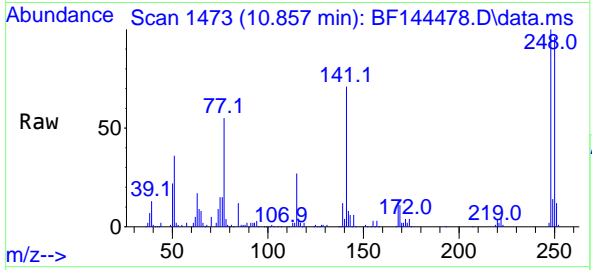


#67  
 4-Bromophenyl-phenylether  
 Concen: 9.374 ng  
 RT: 10.857 min Scan# 1473  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025

Tgt Ion:248 Resp: 90800

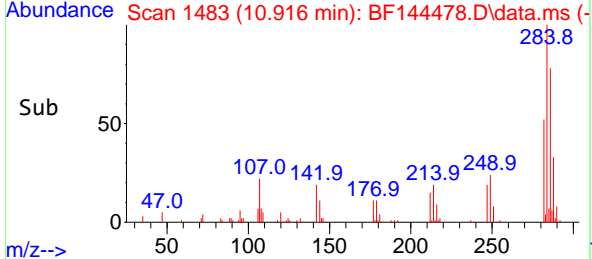
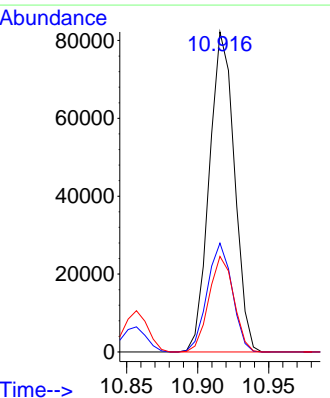
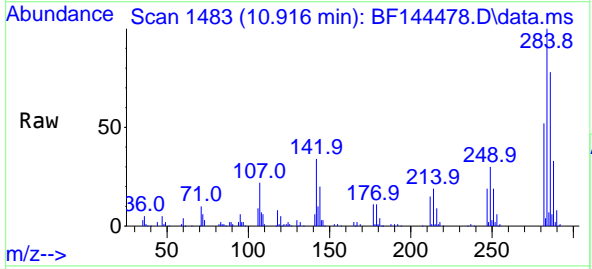
Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.2	117.4
141	71.0	58.5	87.7

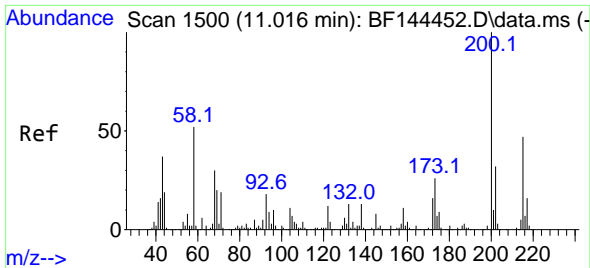


#68  
 Hexachlorobenzene  
 Concen: 9.461 ng  
 RT: 10.916 min Scan# 1483  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Tgt Ion:284 Resp: 101167

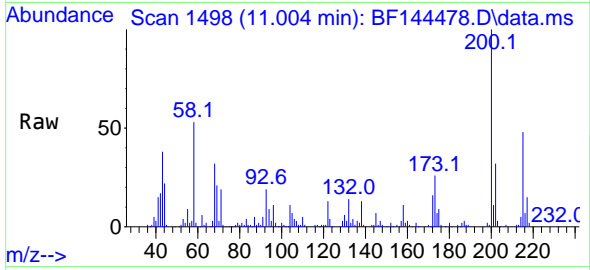
Ion	Ratio	Lower	Upper
284	100		
142	34.0	28.2	42.2
249	29.8	24.7	37.1





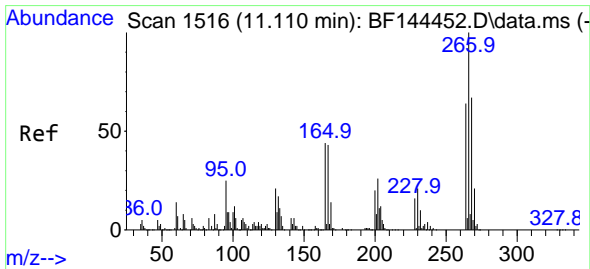
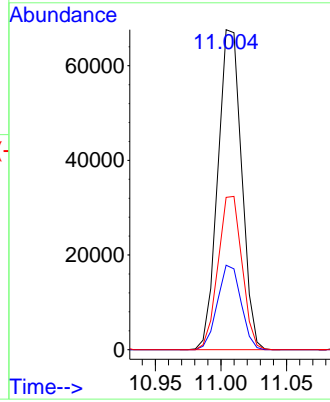
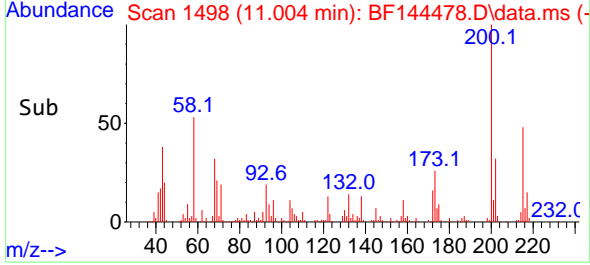
#69  
 Atrazine  
 Concen: 9.565 ng  
 RT: 11.004 min Scan# 1498  
 Delta R.T. -0.012 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025

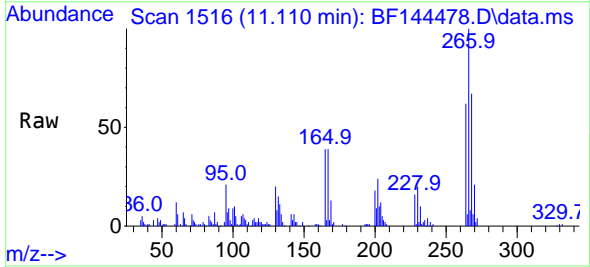


Tgt Ion: 200 Resp: 85190

Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.2	46.2
215	47.6	27.2	67.2

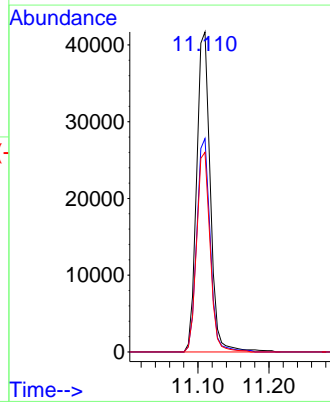
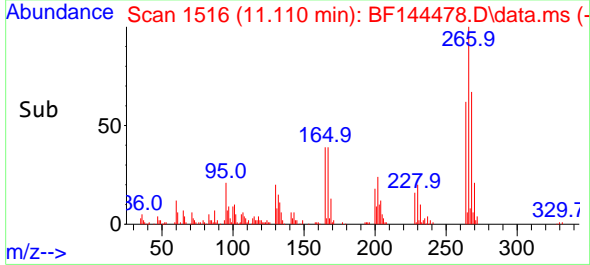


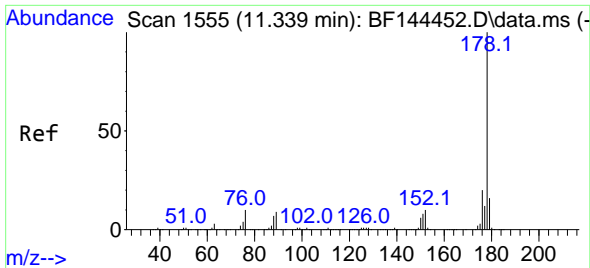
#70  
 Pentachlorophenol  
 Concen: 9.152 ng  
 RT: 11.110 min Scan# 1516  
 Delta R.T. -0.000 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06



Tgt Ion: 266 Resp: 55820

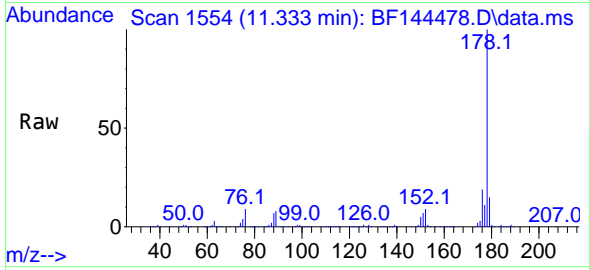
Ion	Ratio	Lower	Upper
266	100		
268	66.7	53.8	80.8
264	62.4	51.2	76.8



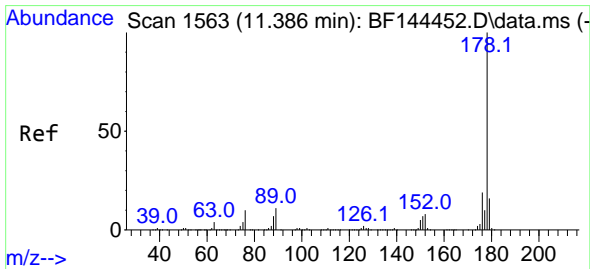
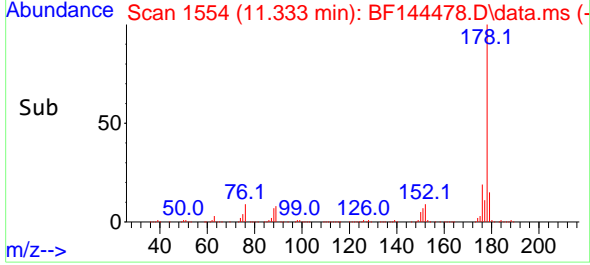
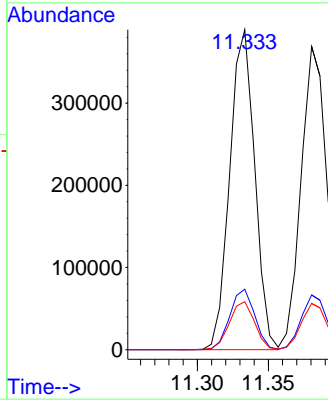


#71  
 Phenanthrene  
 Concen: 9.955 ng  
 RT: 11.333 min Scan# 1554  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025

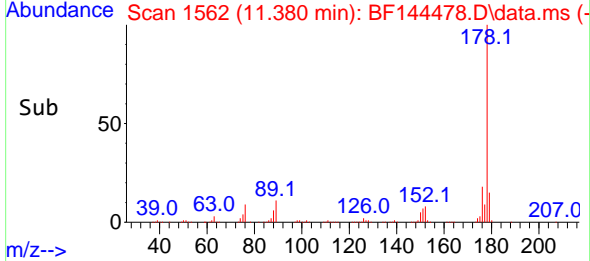
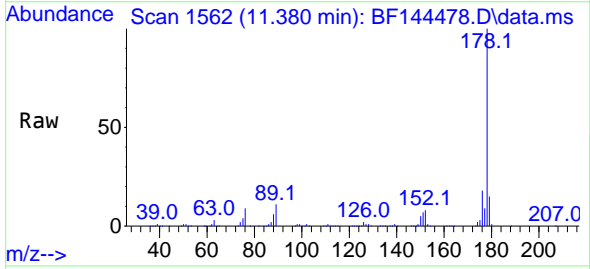
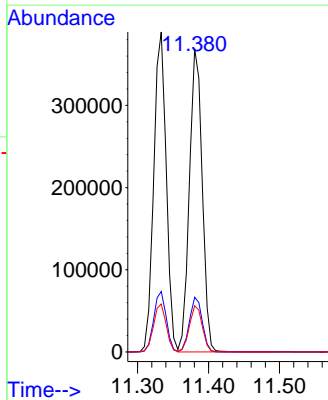


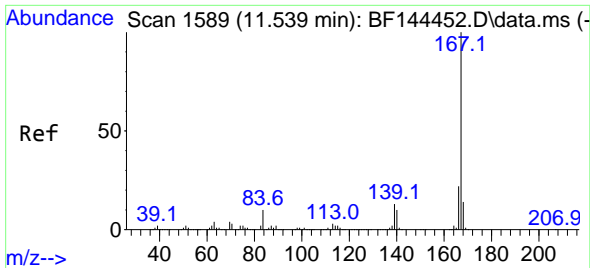
Tgt Ion:178 Resp: 476191  
 Ion Ratio Lower Upper  
 178 100  
 176 18.9 15.6 23.4  
 179 15.0 12.5 18.7



#72  
 Anthracene  
 Concen: 9.555 ng  
 RT: 11.380 min Scan# 1562  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Tgt Ion:178 Resp: 462613  
 Ion Ratio Lower Upper  
 178 100  
 176 18.0 15.2 22.8  
 179 15.2 12.7 19.1



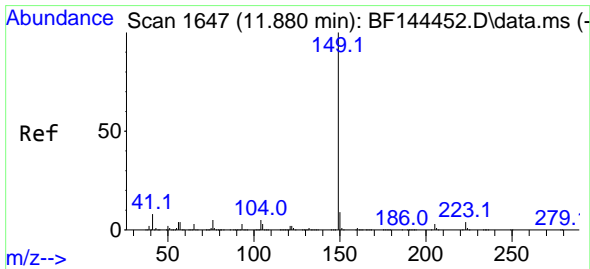
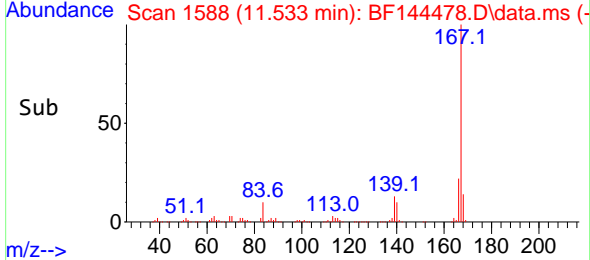
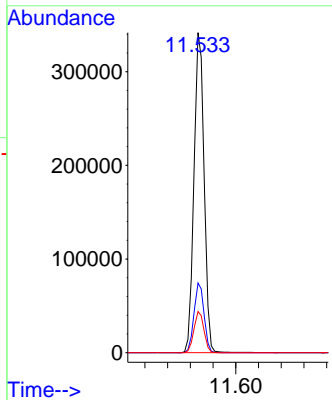
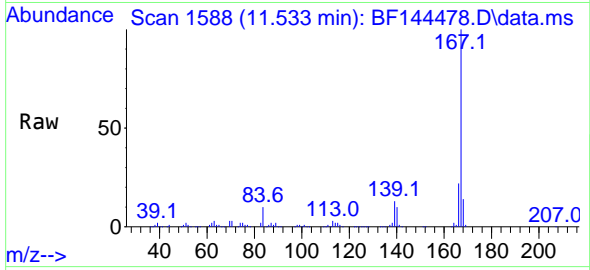


#73  
 Carbazole  
 Concen: 10.127 ng  
 RT: 11.533 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025

Tgt Ion:167 Resp: 425655

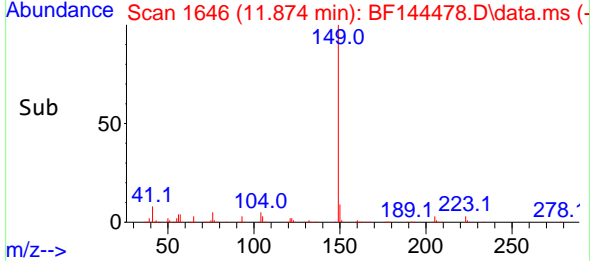
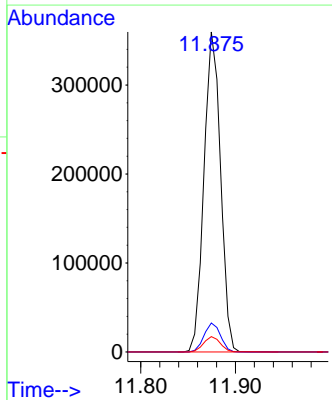
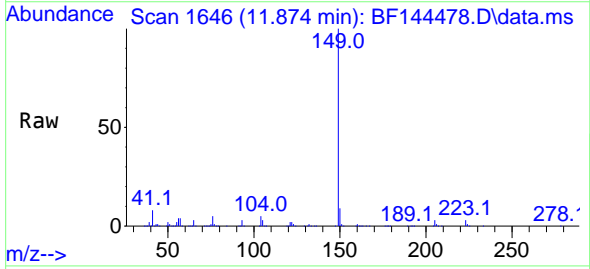
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.2
139	12.9	10.7	16.1



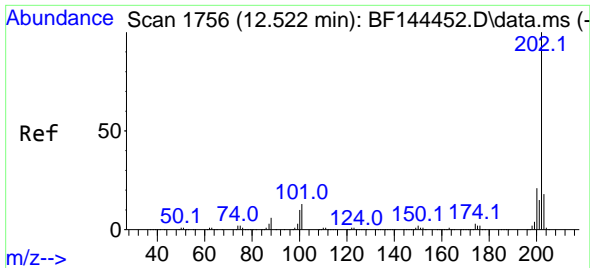
#74  
 Di-n-butylphthalate  
 Concen: 9.721 ng  
 RT: 11.874 min Scan# 1646  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Tgt Ion:149 Resp: 436775

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	4.8	3.9	5.9





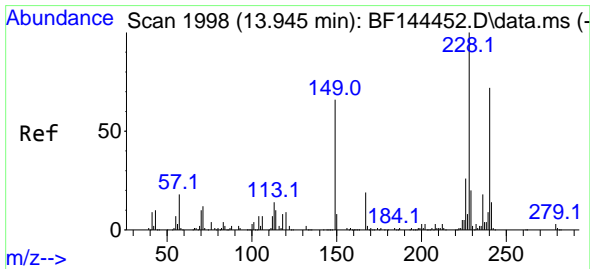
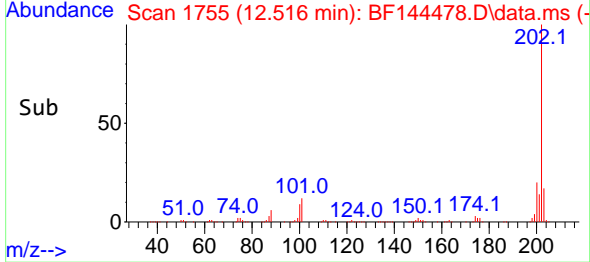
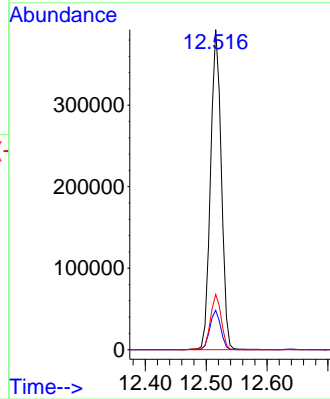
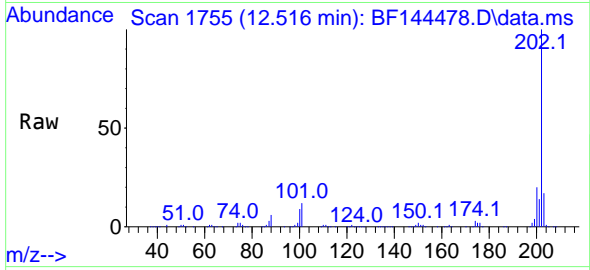


#75  
 Fluoranthene  
 Concen: 10.225 ng  
 RT: 12.516 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2025

Tgt Ion:202 Resp: 482989

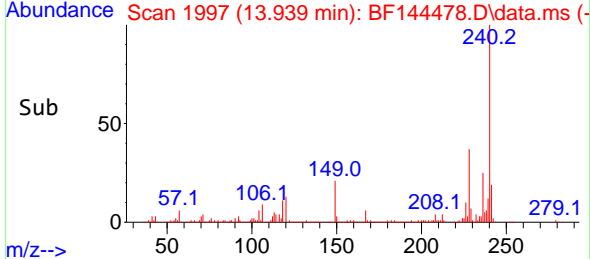
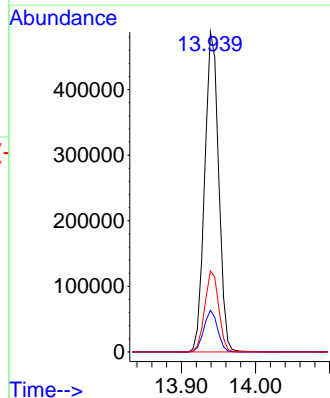
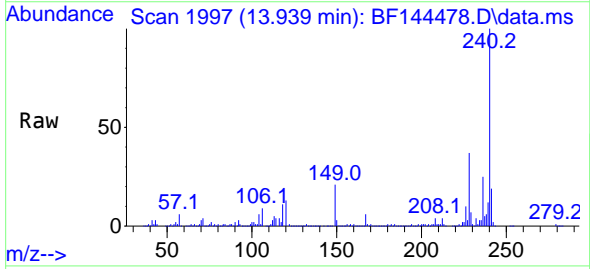
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.9
203	17.2	0.0	37.8

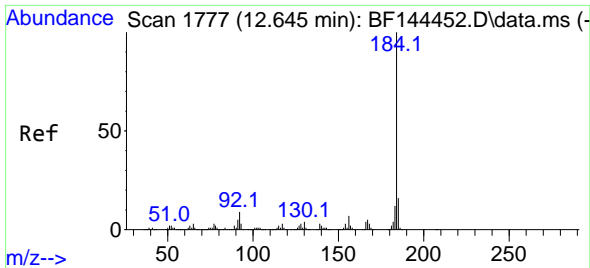


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.939 min Scan# 1997  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Tgt Ion:240 Resp: 639640

Ion	Ratio	Lower	Upper
240	100		
120	13.1	10.3	15.5
236	25.4	20.2	30.4



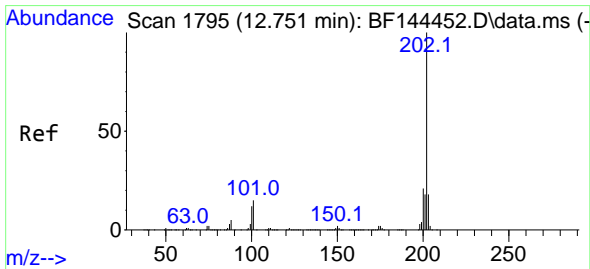
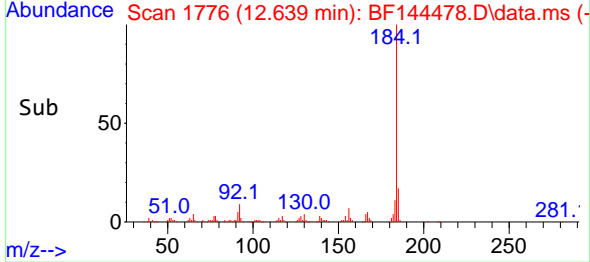
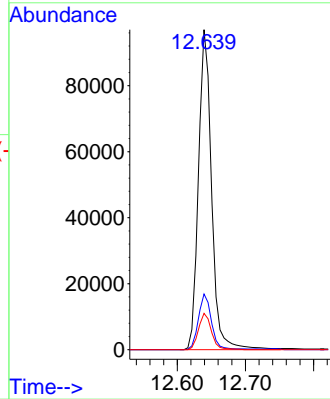
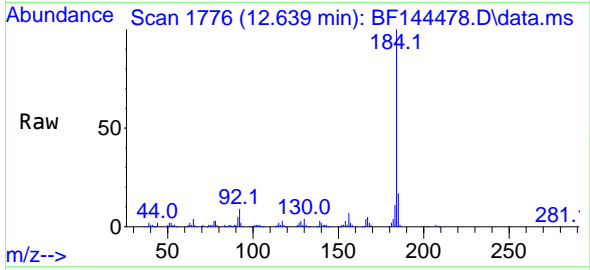


#77  
 Benzidine  
 Concen: 5.678 ng  
 RT: 12.639 min Scan# 1776  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025

Tgt Ion:184 Resp: 129321

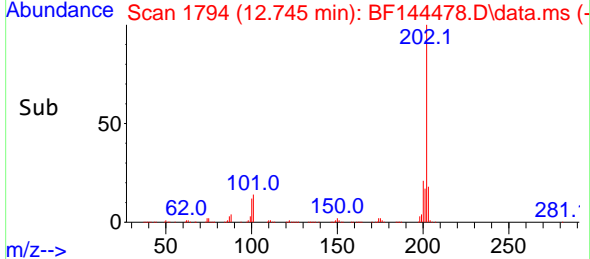
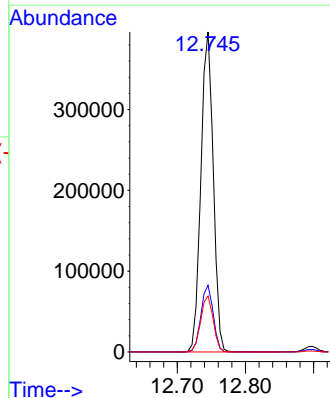
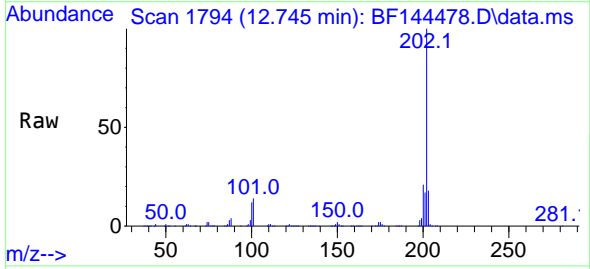
Ion	Ratio	Lower	Upper
184	100		
185	17.4	12.6	18.8
183	11.3	9.4	14.0

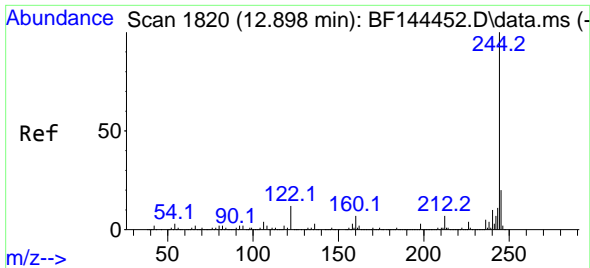


#78  
 Pyrene  
 Concen: 8.528 ng  
 RT: 12.745 min Scan# 1794  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Tgt Ion:202 Resp: 499766

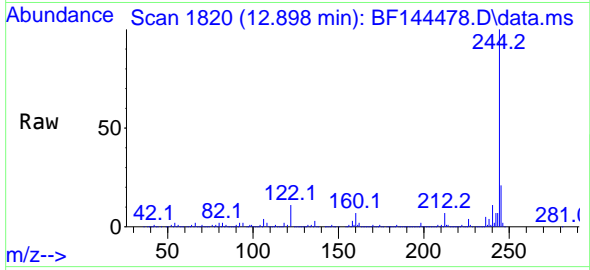
Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.5	14.2	21.4



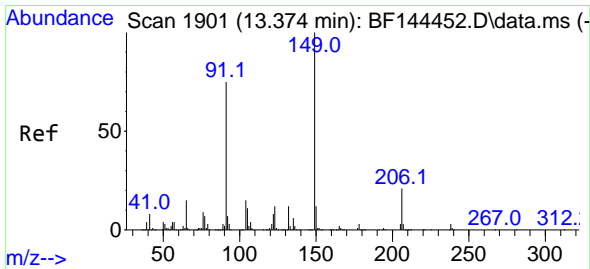
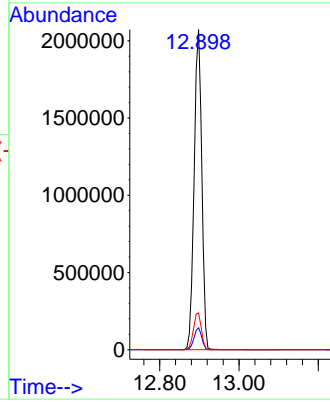
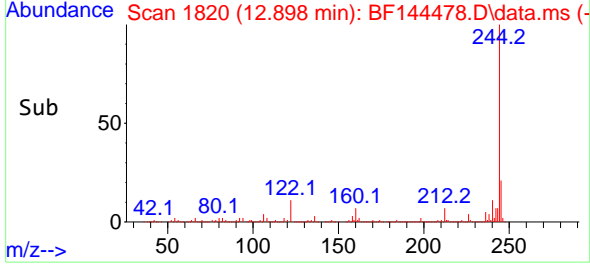


#79  
 Terphenyl-d14  
 Concen: 68.533 ng  
 RT: 12.898 min Scan# 1111  
 Delta R.T. -0.000 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

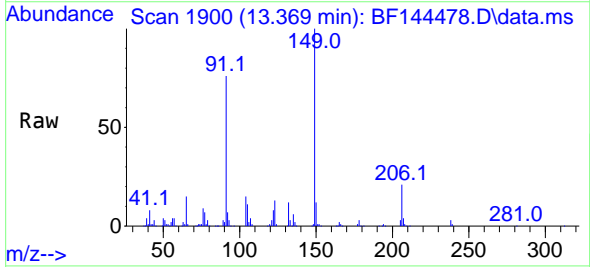
Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025



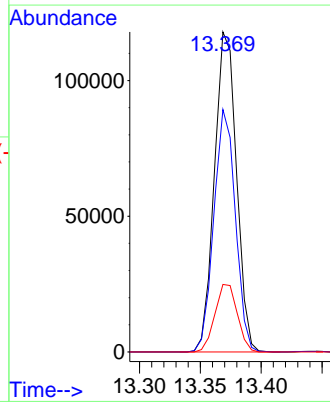
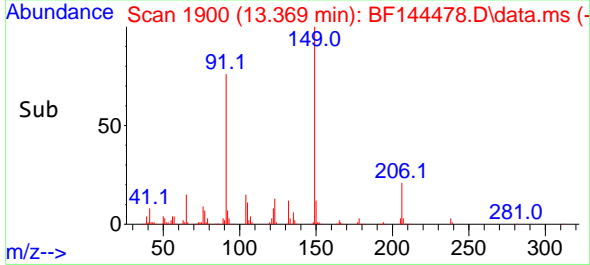
Tgt Ion:244 Resp: 2776602  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.7 8.5  
 122 11.4 9.9 14.9

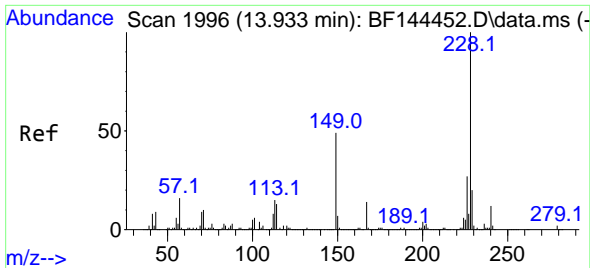


#80  
 Butylbenzylphthalate  
 Concen: 10.402 ng  
 RT: 13.369 min Scan# 1900  
 Delta R.T. -0.005 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06



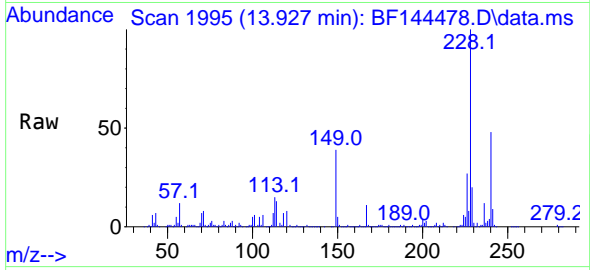
Tgt Ion:149 Resp: 148627  
 Ion Ratio Lower Upper  
 149 100  
 91 75.7 59.8 89.8  
 206 21.1 17.0 25.6



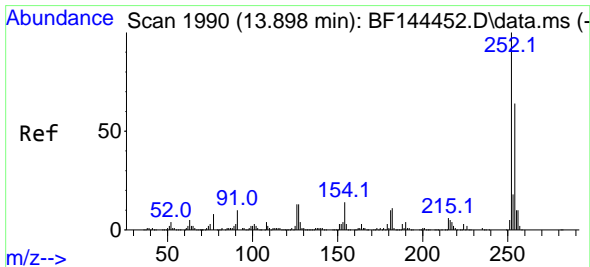
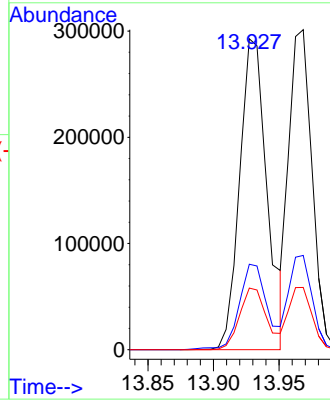
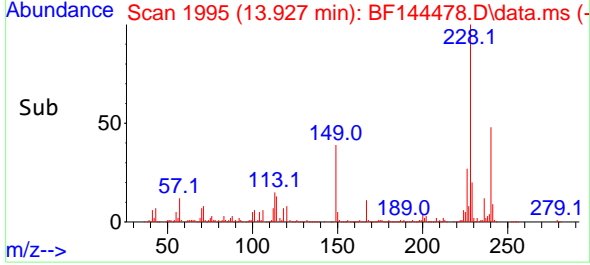


#81  
 Benzo(a)anthracene  
 Concen: 9.466 ng  
 RT: 13.927 min Scan# 1995  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

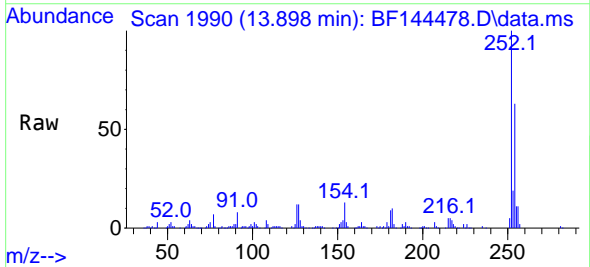
Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025



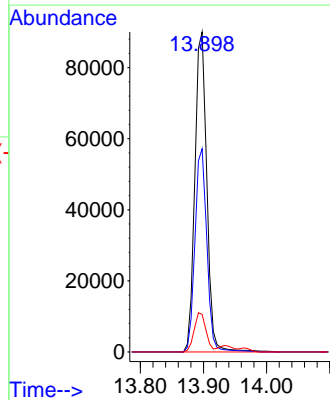
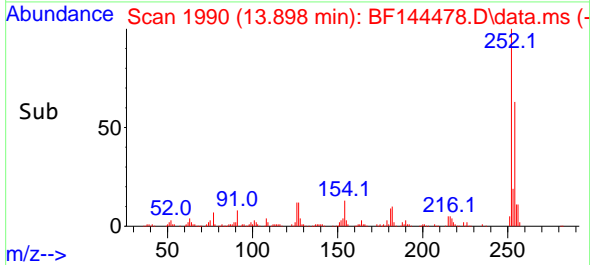
Tgt Ion:228 Resp: 426381  
 Ion Ratio Lower Upper  
 228 100  
 226 27.5 21.9 32.9  
 229 19.8 16.1 24.1

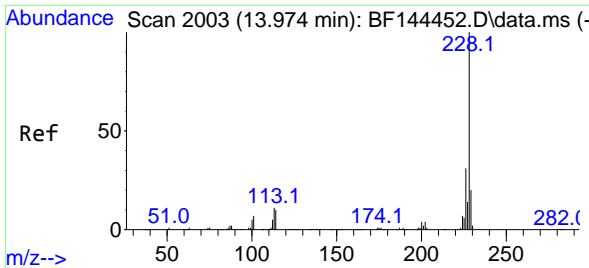


#82  
 3,3'-Dichlorobenzidine  
 Concen: 9.279 ng  
 RT: 13.898 min Scan# 1990  
 Delta R.T. -0.000 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06



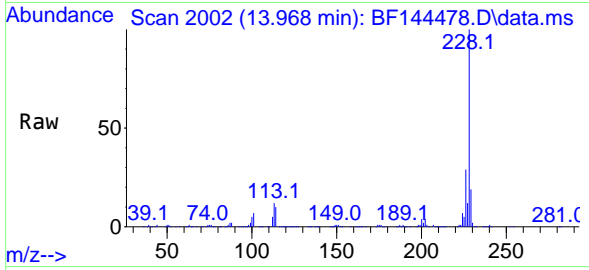
Tgt Ion:252 Resp: 118437  
 Ion Ratio Lower Upper  
 252 100  
 254 63.5 51.1 76.7  
 126 11.7 10.4 15.6



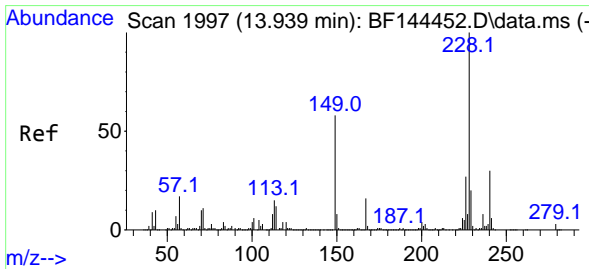
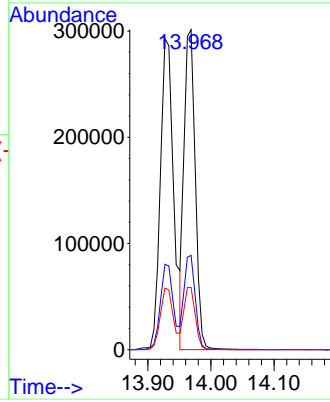
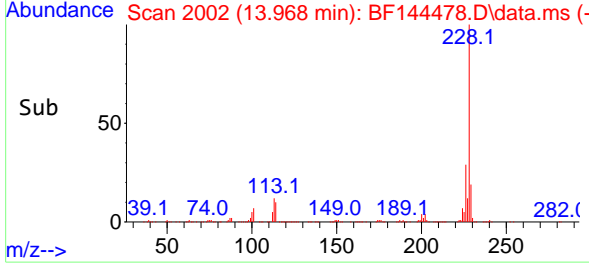


#83  
 Chrysene  
 Concen: 8.997 ng  
 RT: 13.968 min Scan# 2002  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

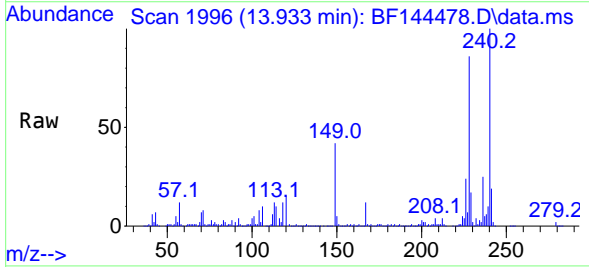
Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025



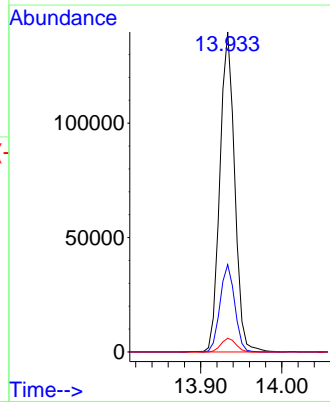
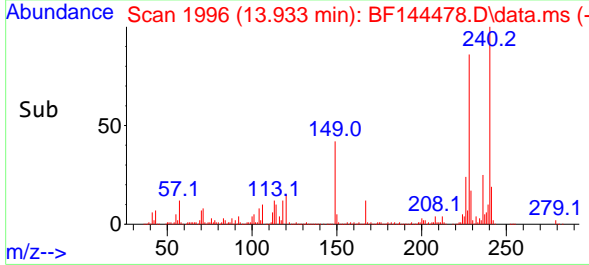
Tgt Ion:228 Resp: 370903  
 Ion Ratio Lower Upper  
 228 100  
 226 29.5 24.3 36.5  
 229 19.5 15.8 23.8

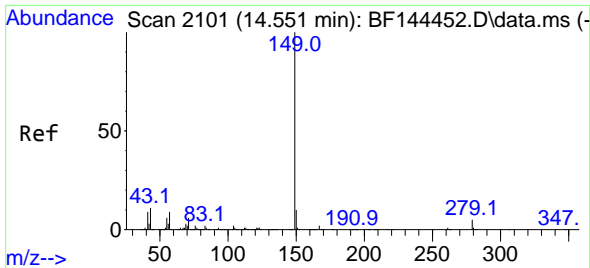


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 10.299 ng  
 RT: 13.933 min Scan# 1996  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06



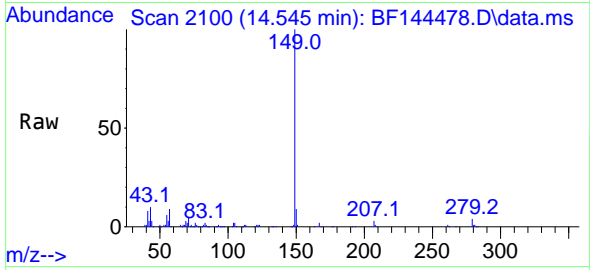
Tgt Ion:149 Resp: 177568  
 Ion Ratio Lower Upper  
 149 100  
 167 27.3 22.6 34.0  
 279 4.3 3.7 5.5





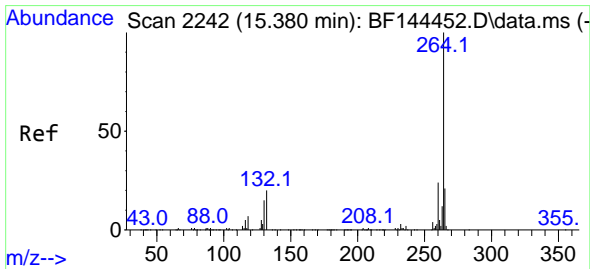
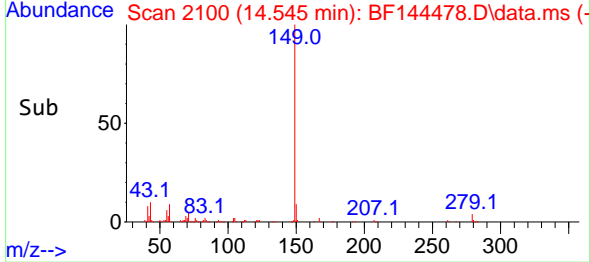
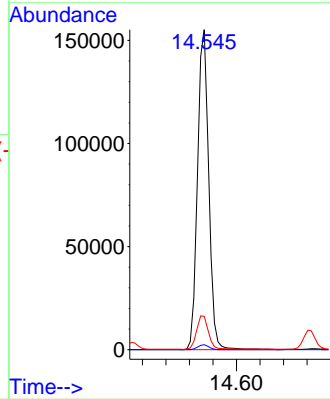
#85  
 Di-n-octyl phthalate  
 Concen: 11.606 ng  
 RT: 14.545 min Scan# 2100  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025



Tgt Ion:149 Resp: 205115

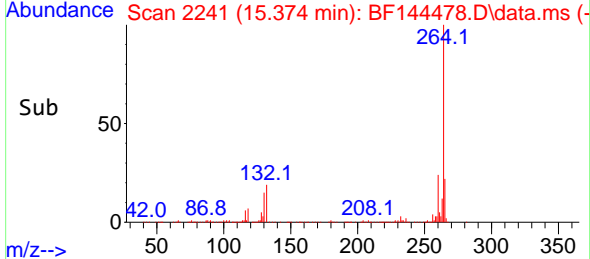
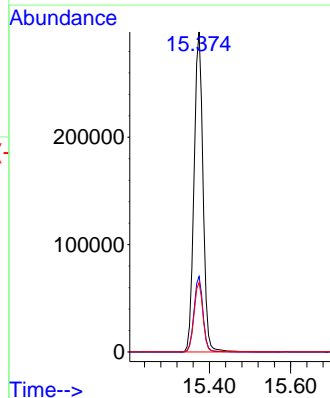
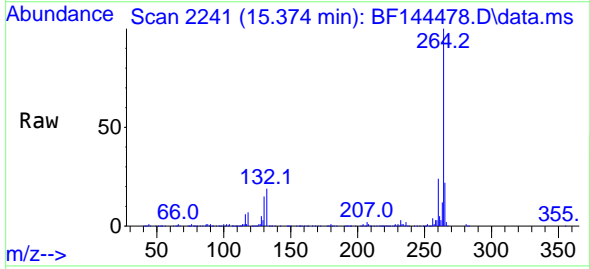
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.9	9.2	13.8

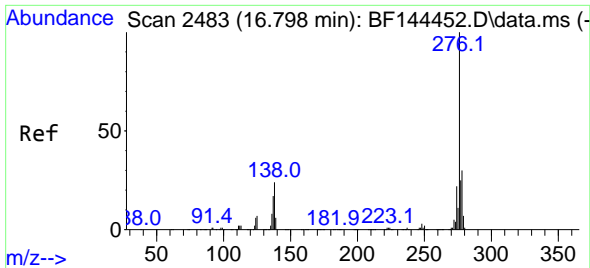


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.374 min Scan# 2241  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Tgt Ion:264 Resp: 458636

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.7	17.1	25.7



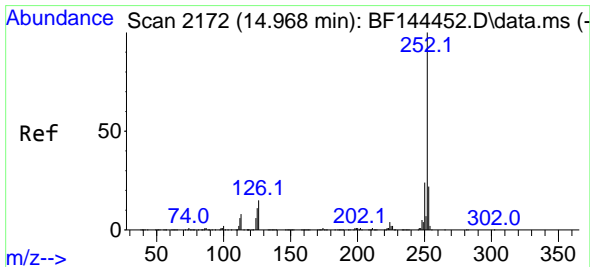
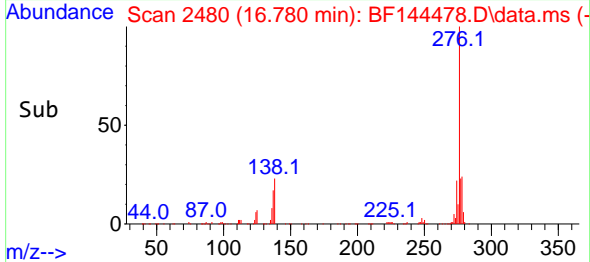
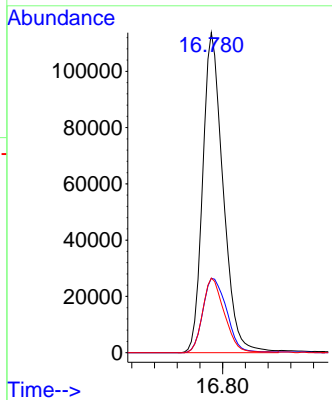
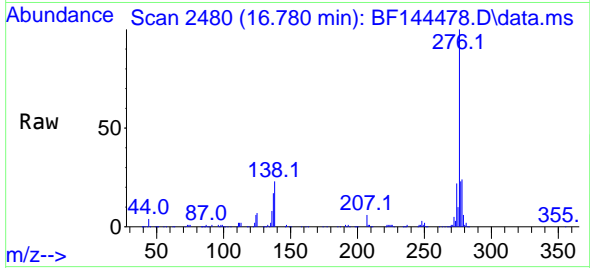


#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 8.597 ng  
 RT: 16.780 min Scan# 2483  
 Delta R.T. -0.018 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025

Tgt Ion: 276 Resp: 283012

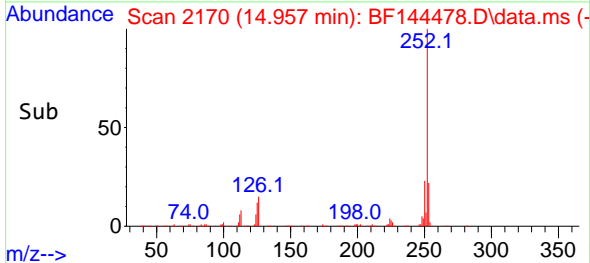
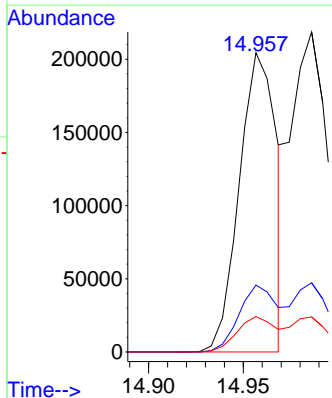
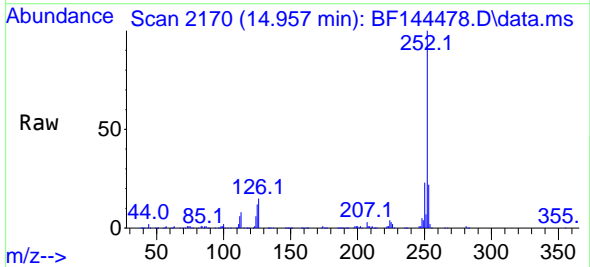
Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.9	32.9
277	24.7	20.2	30.2

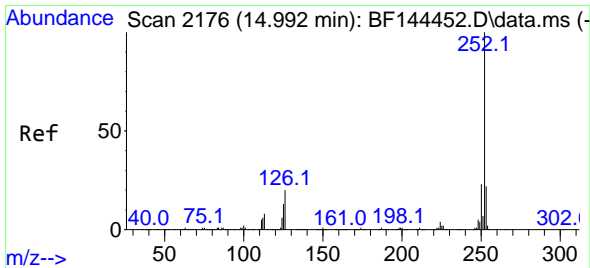


#88  
 Benzo(b)fluoranthene  
 Concen: 9.271 ng  
 RT: 14.957 min Scan# 2170  
 Delta R.T. -0.012 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

Tgt Ion: 252 Resp: 279132

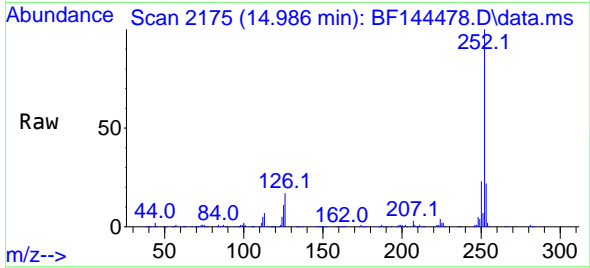
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	11.8	9.0	13.4



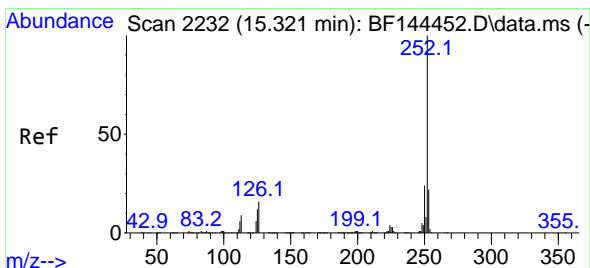
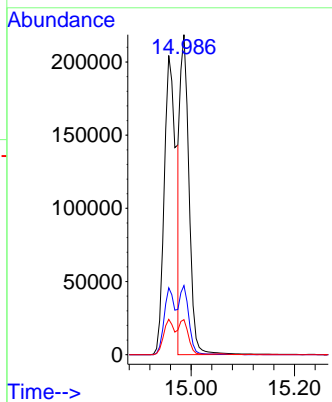
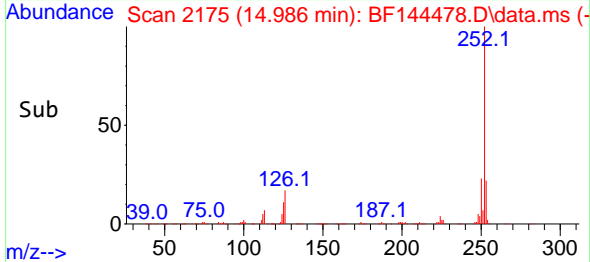


#89  
 Benzo(k)fluoranthene  
 Concen: 9.181 ng  
 RT: 14.986 min Scan# 2175  
 Delta R.T. -0.006 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

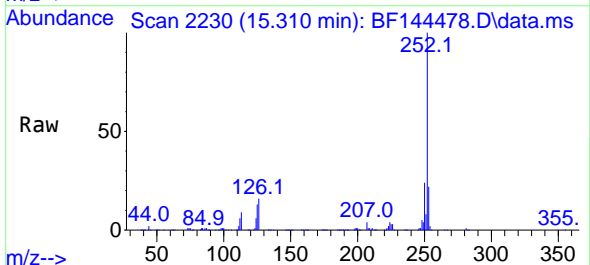
Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2025



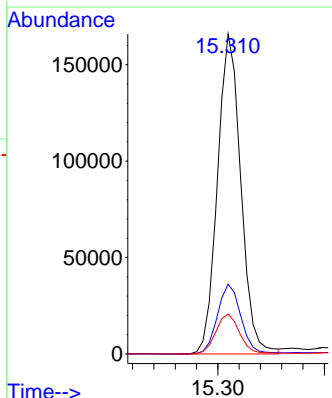
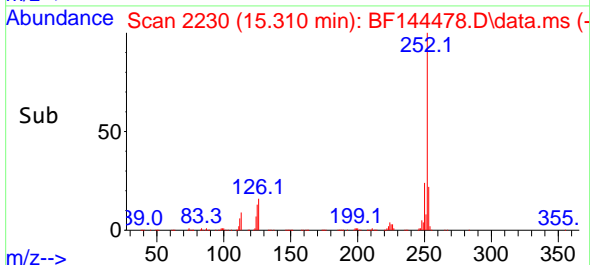
Tgt Ion:252 Resp: 261385  
 Ion Ratio Lower Upper  
 252 100  
 253 21.6 17.7 26.5  
 125 10.9 9.7 14.5



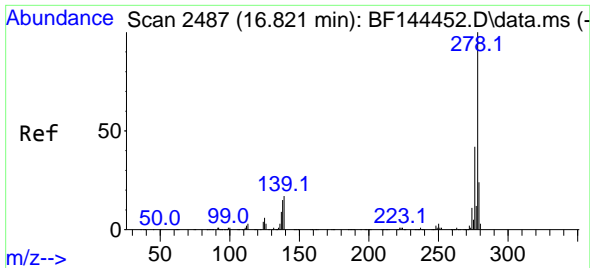
#90  
 Benzo(a)pyrene  
 Concen: 9.582 ng  
 RT: 15.310 min Scan# 2230  
 Delta R.T. -0.012 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06



Tgt Ion:252 Resp: 252168  
 Ion Ratio Lower Upper  
 252 100  
 253 21.8 17.4 26.2  
 125 12.5 9.9 14.9

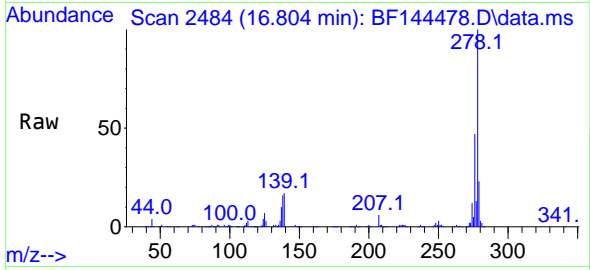




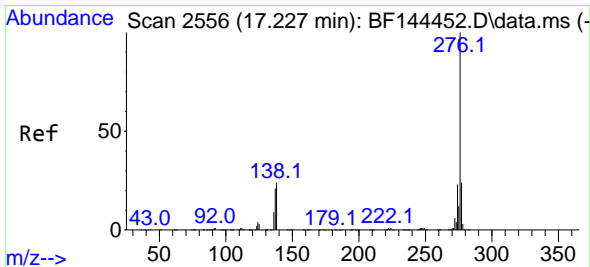
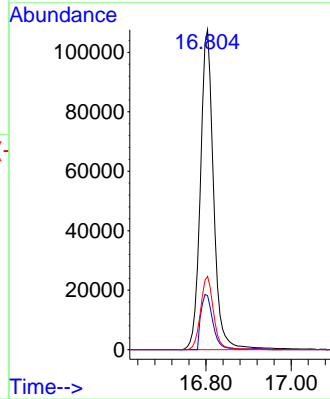
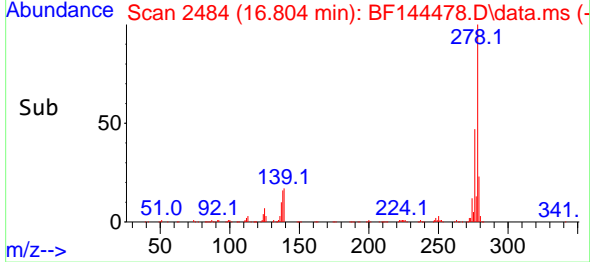


#91  
 Dibenzo(a,h)anthracene  
 Concen: 8.710 ng  
 RT: 16.804 min Scan# 2484  
 Delta R.T. -0.018 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06

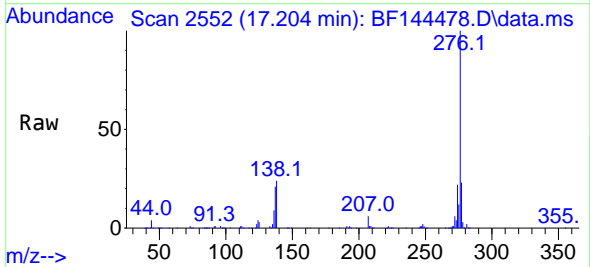
Instrument : BNA\_F  
 ClientSampleId : LOQ-SOIL-02-QT4-2025



Tgt Ion:278 Resp: 231552  
 Ion Ratio Lower Upper  
 278 100  
 139 16.9 13.6 20.4  
 279 22.9 19.2 28.8



#92  
 Benzo(g,h,i)perylene  
 Concen: 8.782 ng  
 RT: 17.204 min Scan# 2552  
 Delta R.T. -0.024 min  
 Lab File: BF144478.D  
 Acq: 15 Dec 2025 17:06



Tgt Ion:276 Resp: 237386  
 Ion Ratio Lower Upper  
 276 100  
 277 23.4 18.8 28.2  
 138 24.1 19.4 29.2

