

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110524\
 Data File : BF140247.D
 Acq On : 05 Nov 2024 19:41
 Operator : RC/JU
 Sample : P4368-01
 Misc : LOD-MDL-SOIL-8 PPM
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Quant Time: Nov 05 23:46:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 23:41:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	209418	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	788788	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	472141	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	844693	20.000	ng	0.00
76) Chrysene-d12	14.051	240	539502	20.000	ng	-0.01
86) Perylene-d12	15.551	264	469217	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1423273	112.629	ng	0.00
7) Phenol-d6	6.504	99	1889808	116.267	ng	0.00
23) Nitrobenzene-d5	7.439	82	1368132	86.235	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	642568	137.687	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2454602	83.016	ng	0.00
79) Terphenyl-d14	12.998	244	2804776	85.163	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	48277	8.310	ng	97
3) Pyridine	3.475	79	111857m	7.891	ng	
4) n-Nitrosodimethylamine	3.369	42	65549	8.009	ng	93
6) Aniline	6.540	93	164849	11.226	ng	99
8) 2-Chlorophenol	6.663	128	120022	9.077	ng	93
9) Benzaldehyde	6.428	77	105772	10.564	ng	98
10) Phenol	6.516	94	158984	9.210	ng	# 80
11) bis(2-Chloroethyl)ether	6.616	93	116763	8.904	ng	98
12) 1,3-Dichlorobenzene	6.816	146	131532	8.489	ng	98
13) 1,4-Dichlorobenzene	6.892	146	133316	8.531	ng	97
14) 1,2-Dichlorobenzene	7.045	146	123862	8.486	ng	98
15) Benzyl Alcohol	7.010	79	134806	10.759	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	195644	9.217	ng	100
17) 2-Methylphenol	7.116	107	99066	8.982	ng	98
18) Hexachloroethane	7.387	117	48907	8.402	ng	95
19) n-Nitroso-di-n-propyla...	7.281	70	96279	9.285	ng	100
20) 3+4-Methylphenols	7.269	107	129936	9.380	ng	92
22) Acetophenone	7.281	105	186274	9.525	ng	92
24) Nitrobenzene	7.457	77	142794	8.578	ng	97
25) Isophorone	7.687	82	252394	9.239	ng	99
26) 2-Nitrophenol	7.769	139	60590	9.150	ng	99
27) 2,4-Dimethylphenol	7.798	122	83476	9.266	ng	95
28) bis(2-Chloroethoxy)met...	7.898	93	150594	9.212	ng	99
29) 2,4-Dichlorophenol	8.004	162	103568	9.293	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	118750	8.892	ng	98
31) Naphthalene	8.175	128	367889	9.032	ng	99
32) Benzoic acid	7.869	122	42044	5.687	ng	99
33) 4-Chloroaniline	8.222	127	140058	10.445	ng	97
34) Hexachlorobutadiene	8.292	225	76186	8.428	ng	99
35) Caprolactam	8.563	113	31389	9.258	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	113959	9.184	ng	96
37) 2-Methylnaphthalene	8.869	142	252438	9.496	ng	100
38) 1-Methylnaphthalene	8.963	142	231500	8.885	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	126769	9.172	ng	99
41) Hexachlorocyclopentadiene	9.022	237	37659	9.723	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	77811	9.084	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110524\
 Data File : BF140247.D
 Acq On : 05 Nov 2024 19:41
 Operator : RC/JU
 Sample : P4368-01
 Misc : LOD-MDL-SOIL-8 PPM
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

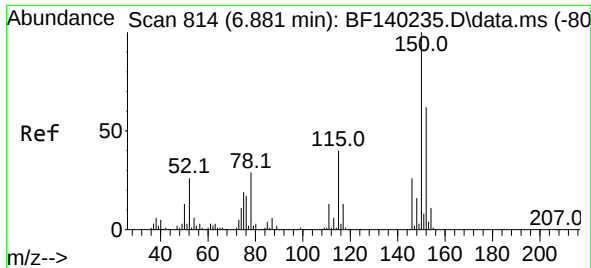
Quant Time: Nov 05 23:46:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 23:41:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/06/2024

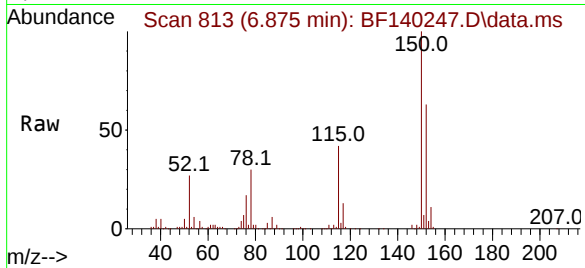
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	79746	8.855	ng	98
46) 1,1'-Biphenyl	9.334	154	328542	9.627	ng	98
47) 2-Chloronaphthalene	9.357	162	230289	8.966	ng	99
48) 2-Nitroaniline	9.451	65	75492	8.788	ng	96
49) Acenaphthylene	9.775	152	370633	10.192	ng	99
50) Dimethylphthalate	9.628	163	271040	9.321	ng	99
51) 2,6-Dinitrotoluene	9.692	165	59885	8.762	ng	98
52) Acenaphthene	9.945	154	228395	8.855	ng	99
53) 3-Nitroaniline	9.863	138	59332	9.219	ng	100
54) 2,4-Dinitrophenol	9.969	184	13729	4.863	ng	95
55) Dibenzofuran	10.116	168	350890	9.729	ng	98
56) 4-Nitrophenol	10.016	139	36474	8.060	ng	97
57) 2,4-Dinitrotoluene	10.098	165	79956	9.015	ng	92
58) Fluorene	10.463	166	274225	9.551	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	66754	9.048	ng	99
60) Diethylphthalate	10.333	149	268411	9.289	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	139036	9.609	ng	94
62) 4-Nitroaniline	10.475	138	57730	9.026	ng	96
63) Azobenzene	10.616	77	283201	9.455	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	29272	6.598	ng	99
66) n-Nitrosodiphenylamine	10.575	169	231354	9.523	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	82932	9.117	ng	99
68) Hexachlorobenzene	11.010	284	95894	9.249	ng	97
69) Atrazine	11.098	200	78479	11.807	ng	97
70) Pentachlorophenol	11.204	266	39876	7.162	ng	98
71) Phenanthrene	11.427	178	392947	9.748	ng	99
72) Anthracene	11.480	178	398316	10.077	ng	99
73) Carbazole	11.633	167	343840	9.520	ng	99
74) Di-n-butylphthalate	11.963	149	413169	9.664	ng	99
75) Fluoranthene	12.616	202	404312	9.592	ng	99
77) Benzidine	12.739	184	119164	11.297	ng	96
78) Pyrene	12.845	202	411316	9.234	ng	98
80) Butylbenzylphthalate	13.469	149	148881	9.282	ng	96
81) Benzo(a)anthracene	14.039	228	342505	9.892	ng	98
82) 3,3'-Dichlorobenzidine	14.004	252	98211	9.033	ng	99
83) Chrysene	14.080	228	291505	8.991	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	209124	9.302	ng	99
85) Di-n-octyl phthalate	14.663	149	307771	9.096	ng	98
87) Indeno(1,2,3-cd)pyrene	17.051	276	237378	8.619	ng	99
88) Benzo(b)fluoranthene	15.110	252	273842	9.648	ng	99
89) Benzo(k)fluoranthene	15.139	252	229469	8.811	ng	99
90) Benzo(a)pyrene	15.486	252	216906	9.269	ng	100
91) Dibenzo(a,h)anthracene	17.068	278	193857	8.555	ng	98
92) Benzo(g,h,i)perylene	17.504	276	181308	7.843	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

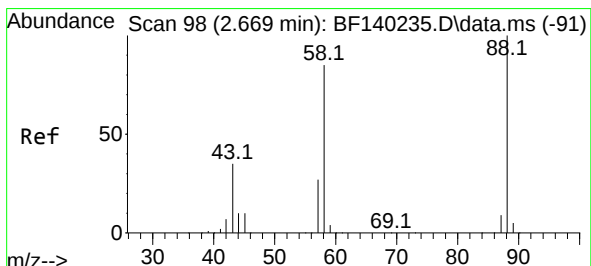
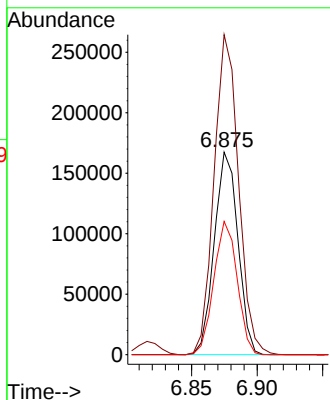
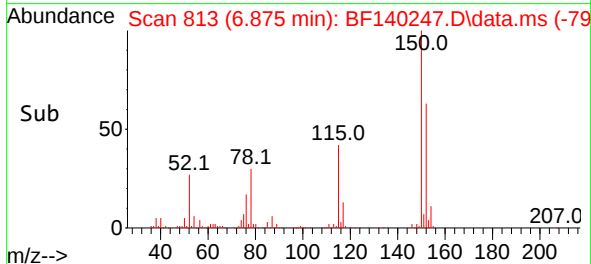
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:152 Resp: 209418
Ion Ratio Lower Upper
152 100
150 158.0 129.4 194.2
115 65.8 51.5 77.3

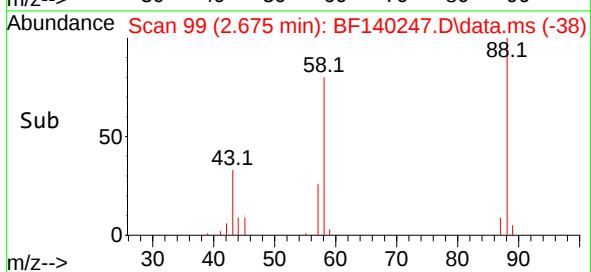
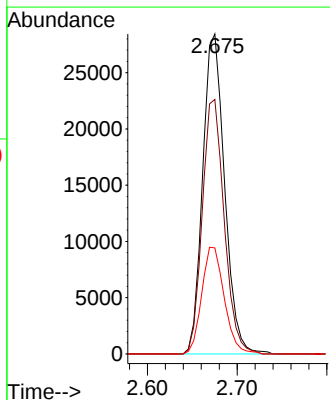
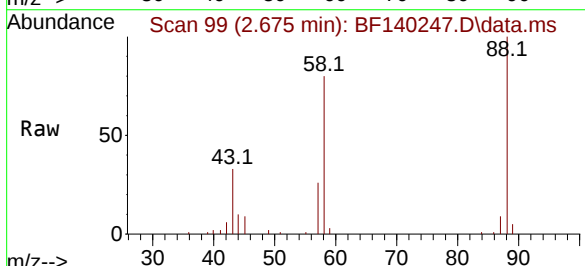
Manual Integrations
APPROVED

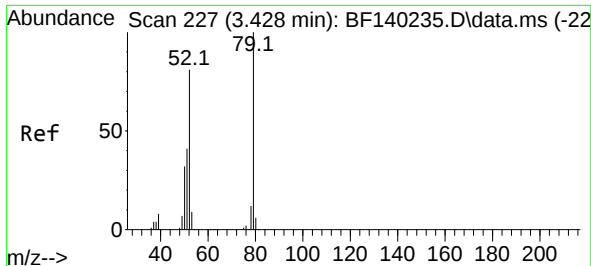
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#2
1,4-Dioxane
Concen: 8.310 ng
RT: 2.675 min Scan# 99
Delta R.T. 0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

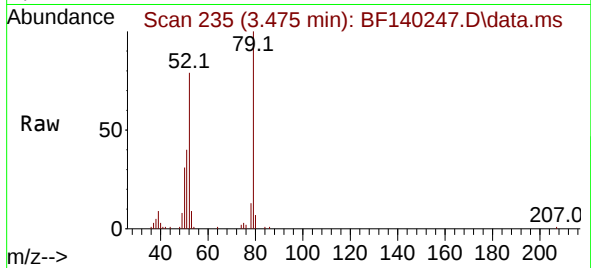
Tgt Ion: 88 Resp: 48277
Ion Ratio Lower Upper
88 100
58 79.4 66.7 100.1
43 34.3 27.8 41.8





#3
Pyridine
Concen: 7.891 ng m
RT: 3.475 min Scan# 211
Delta R.T. 0.047 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

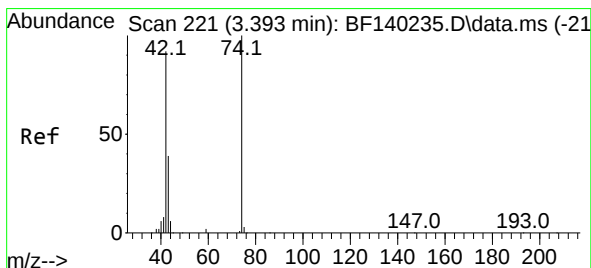
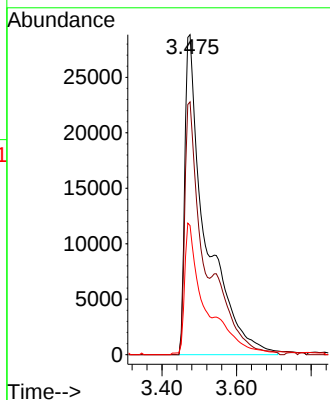
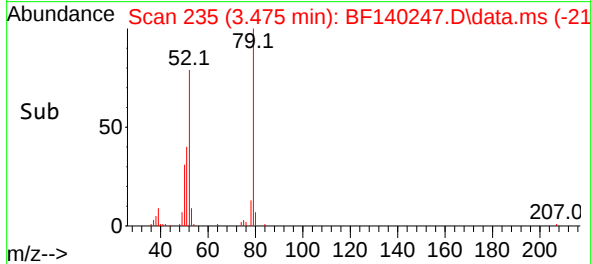
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 79 Resp: 11185
Ion Ratio Lower Upper
79 100
52 79.0 64.6 97.0
51 40.3 32.5 48.7

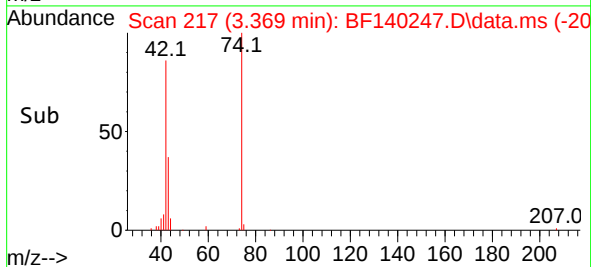
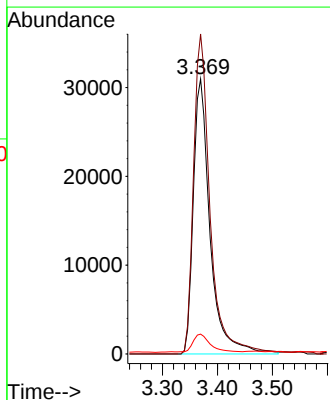
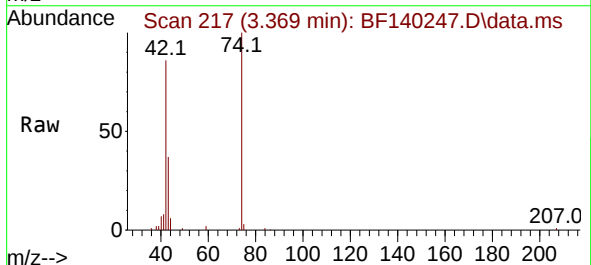
Manual Integrations
APPROVED

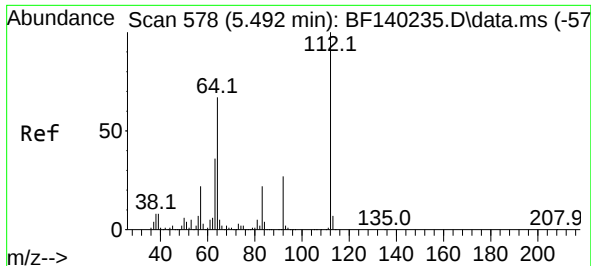
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#4
n-Nitrosodimethylamine
Concen: 8.009 ng
RT: 3.369 min Scan# 217
Delta R.T. -0.023 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

Tgt Ion: 42 Resp: 65549
Ion Ratio Lower Upper
42 100
74 116.3 86.9 130.3
44 7.2 5.0 7.6





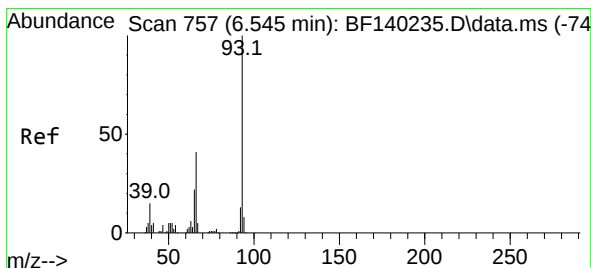
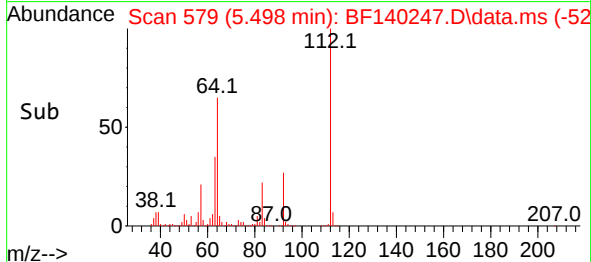
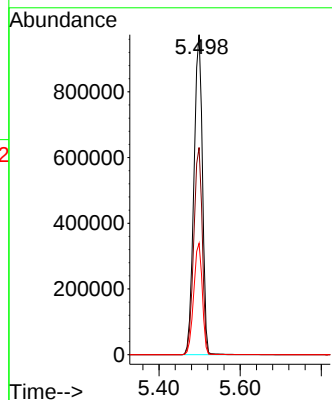
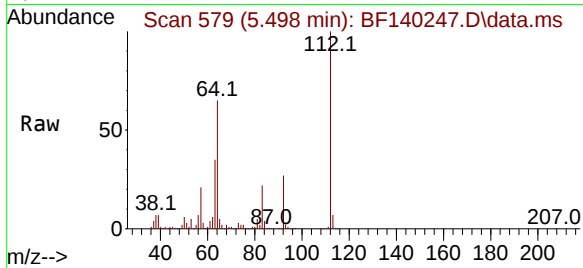
#5
2-Fluorophenol
Concen: 112.629 ng
RT: 5.498 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:112 Resp: 142327
Ion Ratio Lower Upper
112 100
64 64.7 53.4 80.2
63 34.8 28.9 43.3

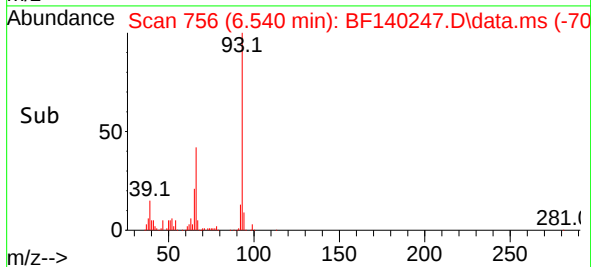
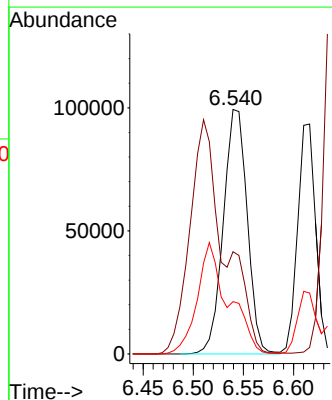
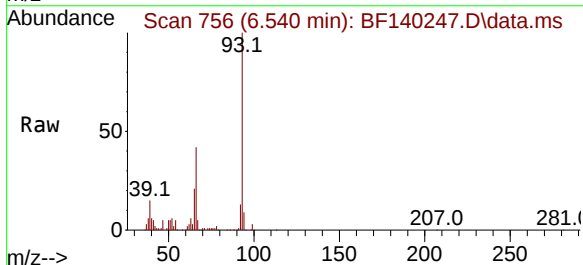
Manual Integrations
APPROVED

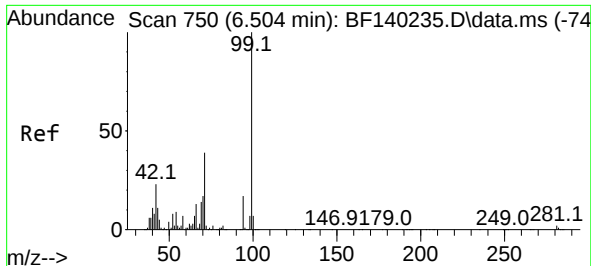
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#6
Aniline
Concen: 11.226 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

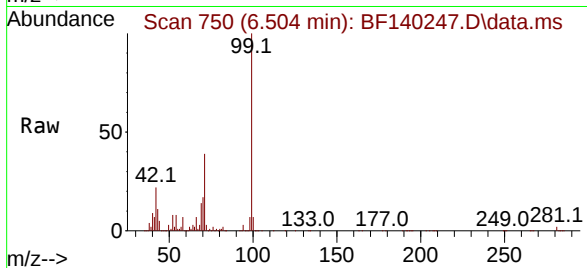
Tgt Ion: 93 Resp: 164849
Ion Ratio Lower Upper
93 100
66 41.9 33.6 50.4
65 21.4 17.5 26.3





#7
Phenol-d6
Concen: 116.267 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

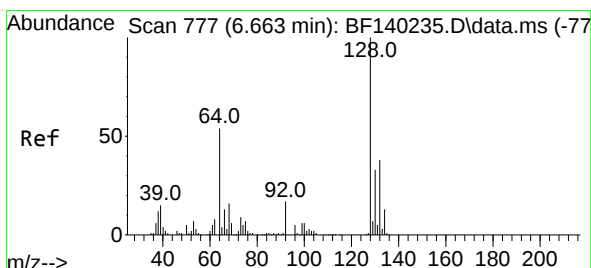
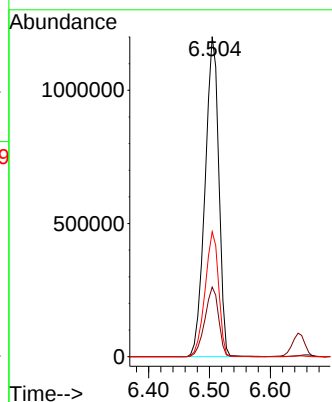
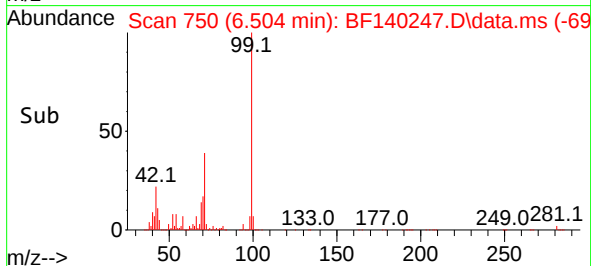
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 99 Resp: 1889808
Ion Ratio Lower Upper
99 100
42 21.7 18.2 27.2
71 39.1 30.9 46.3

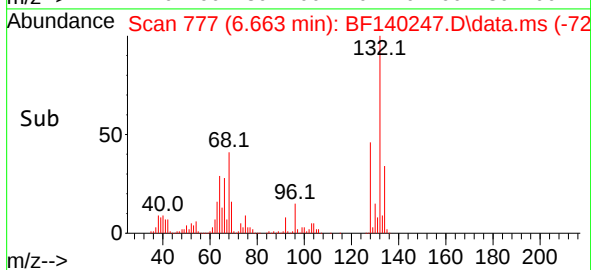
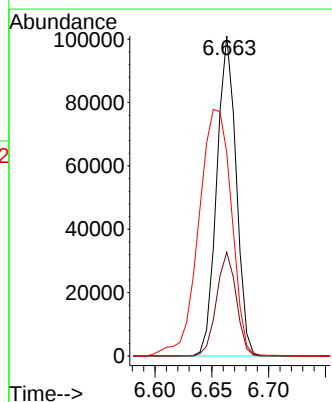
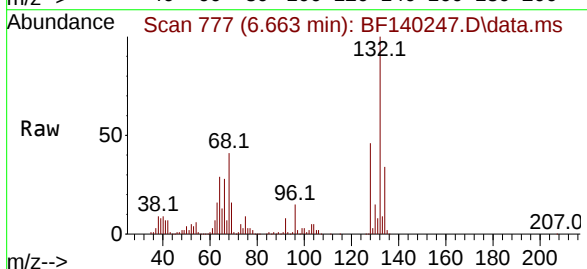
Manual Integrations
APPROVED

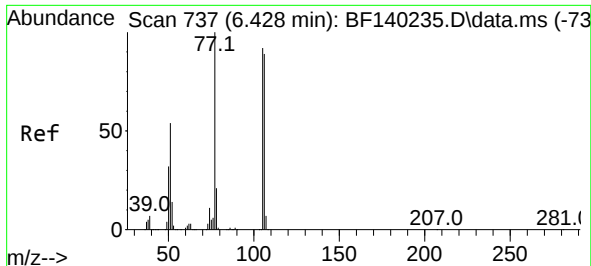
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#8
2-Chlorophenol
Concen: 9.077 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

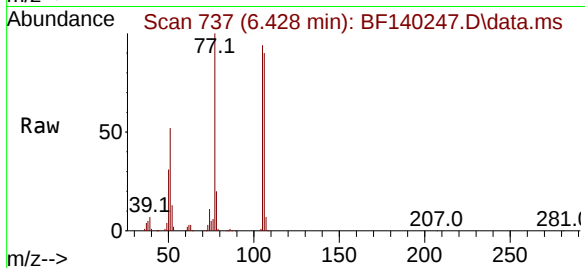
Tgt Ion:128 Resp: 120022
Ion Ratio Lower Upper
128 100
130 32.4 12.9 52.9
64 63.5 36.3 76.3





#9
Benzaldehyde
Concen: 10.564 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

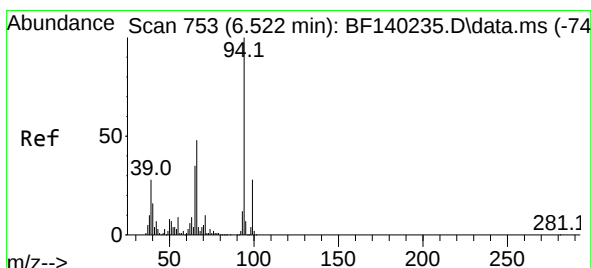
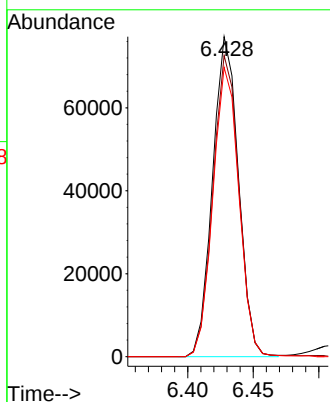
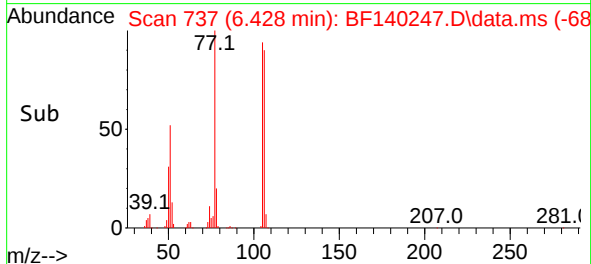
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 77 Resp: 105772
Ion Ratio Lower Upper
77 100
105 94.1 72.1 112.1
106 90.4 68.8 108.8

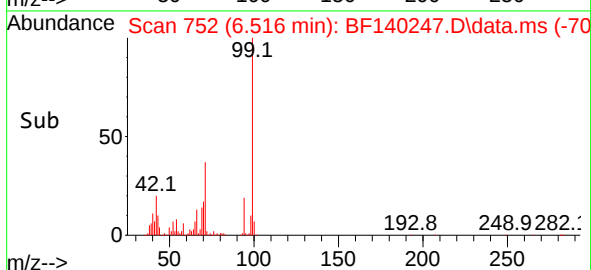
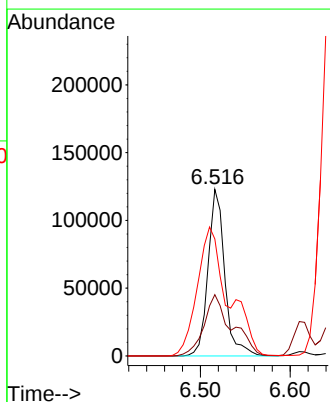
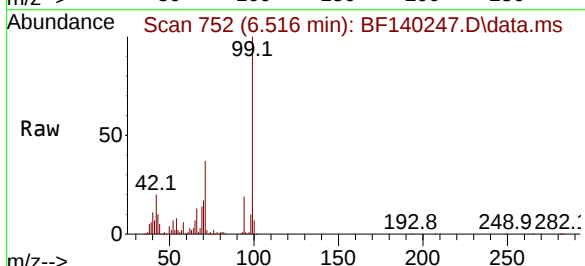
Manual Integrations
APPROVED

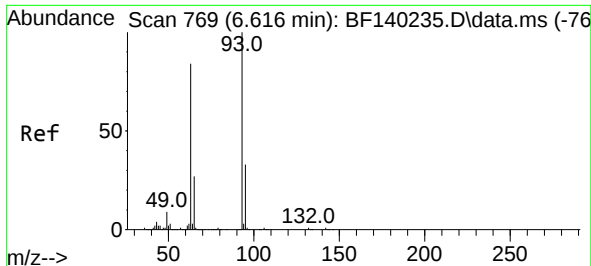
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#10
Phenol
Concen: 9.210 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

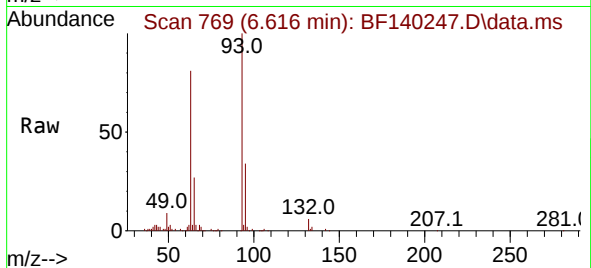
Tgt Ion: 94 Resp: 158984
Ion Ratio Lower Upper
94 100
65 36.8 15.1 55.1
66 70.2 28.8 68.8#





#11
bis(2-Chloroethyl)ether
Concen: 8.904 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

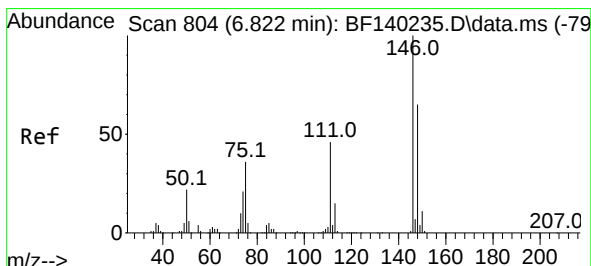
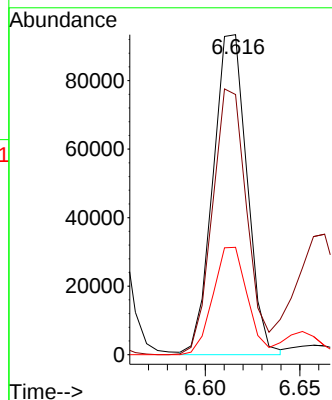
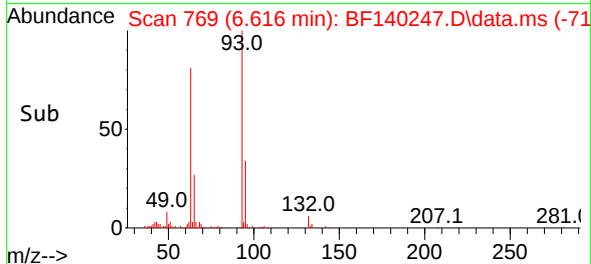
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



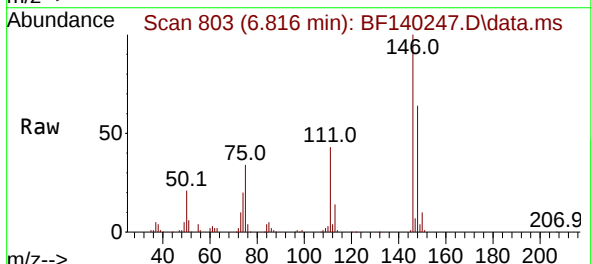
Tgt Ion: 93 Resp: 11676
Ion Ratio Lower Upper
93 100
63 81.3 63.6 103.6
95 33.5 12.7 52.7

Manual Integrations
APPROVED

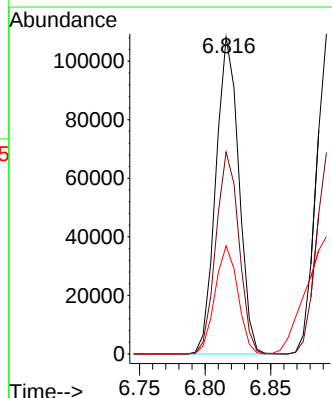
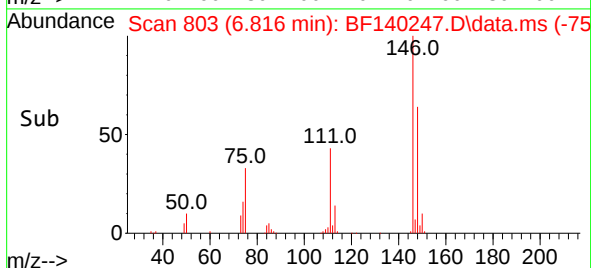
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

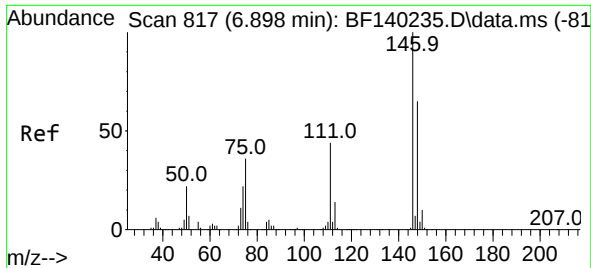


#12
1,3-Dichlorobenzene
Concen: 8.489 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41



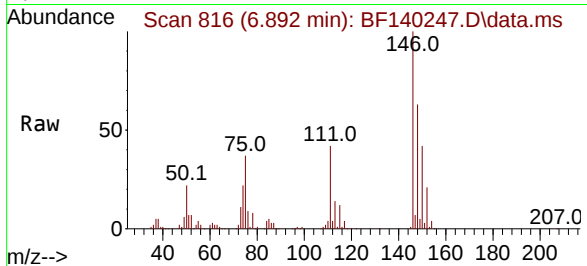
Tgt Ion:146 Resp: 131532
Ion Ratio Lower Upper
146 100
148 63.7 51.7 77.5
75 34.2 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 8.531 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

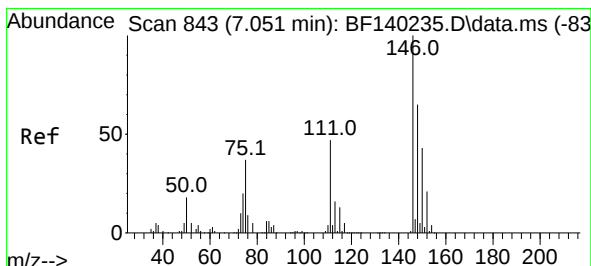
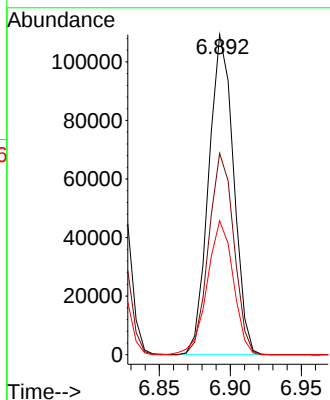
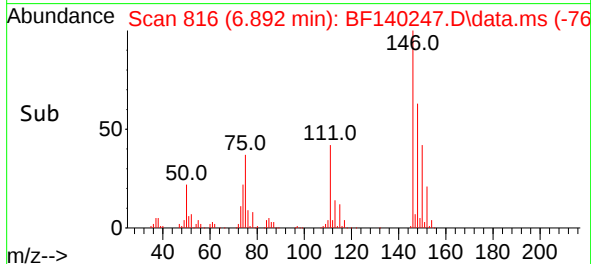
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:146 Resp: 133310
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.6
111 41.9 35.4 53.2

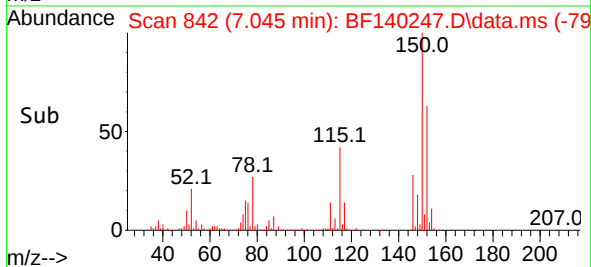
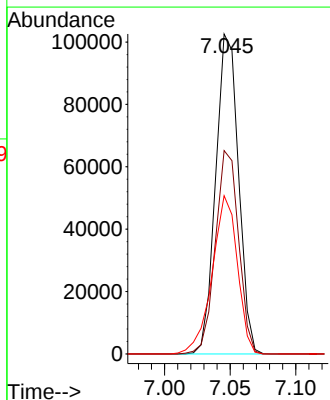
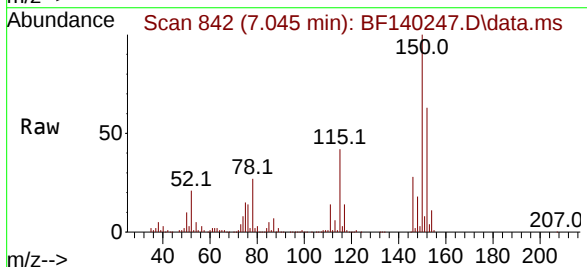
Manual Integrations
APPROVED

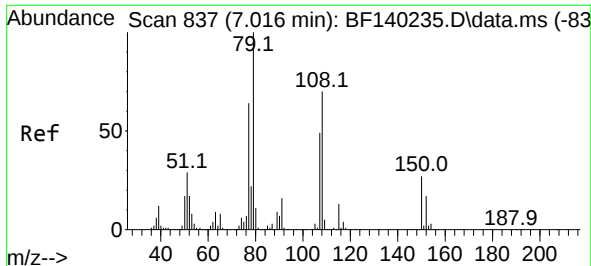
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#14
1,2-Dichlorobenzene
Concen: 8.486 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

Tgt Ion:146 Resp: 123862
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.6
111 49.5 37.9 56.9





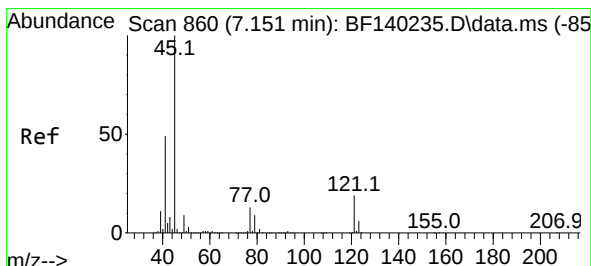
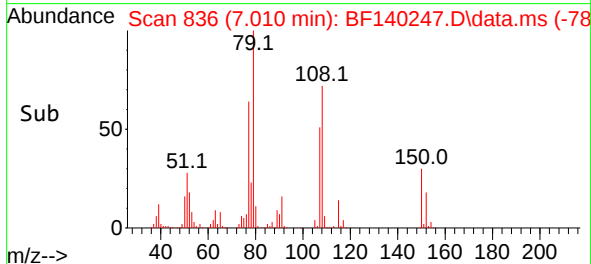
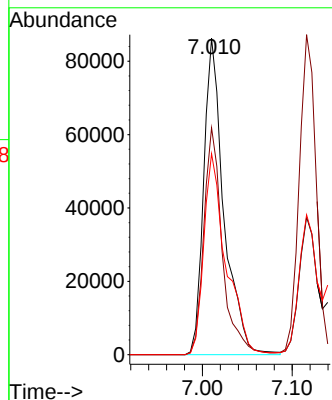
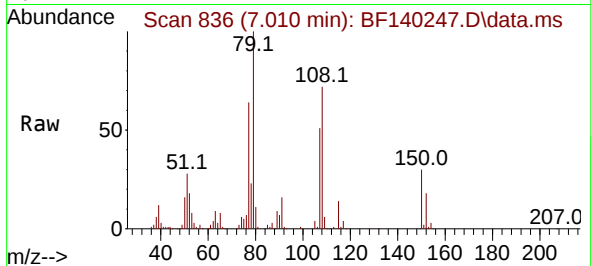
#15
Benzyl Alcohol
Concen: 10.759 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion: 79 Resp: 134800
Ion Ratio Lower Upper
79 100
108 71.7 55.8 83.6
77 63.5 51.1 76.7

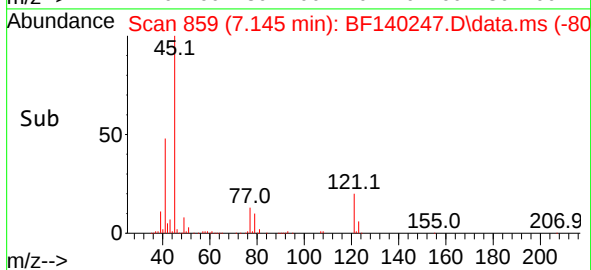
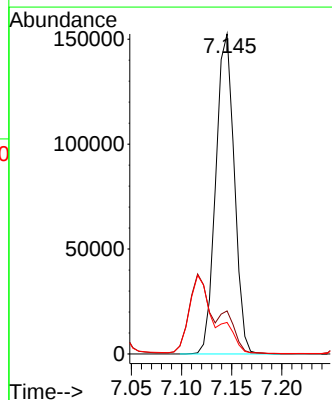
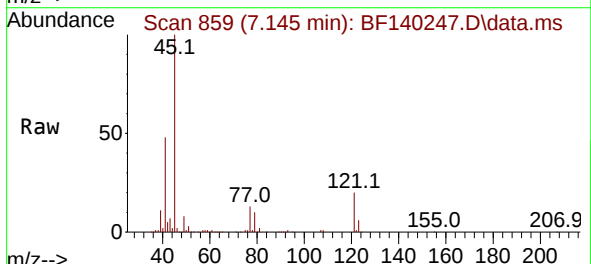
Manual Integrations
APPROVED

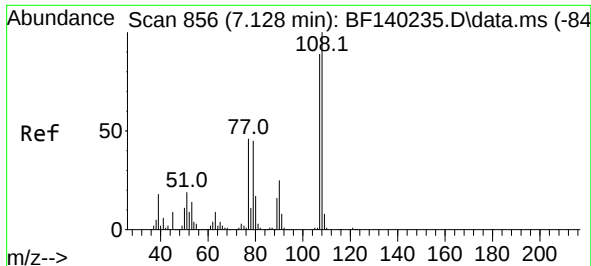
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.217 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

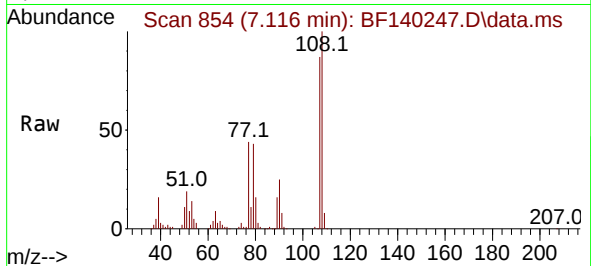
Tgt Ion: 45 Resp: 195644
Ion Ratio Lower Upper
45 100
77 13.4 0.0 33.3
79 9.9 0.0 29.9





#17
2-Methylphenol
Concen: 8.982 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

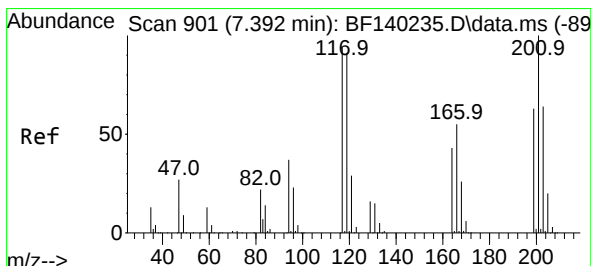
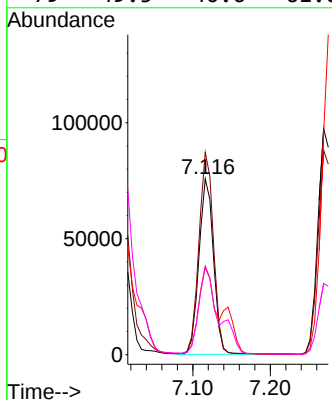
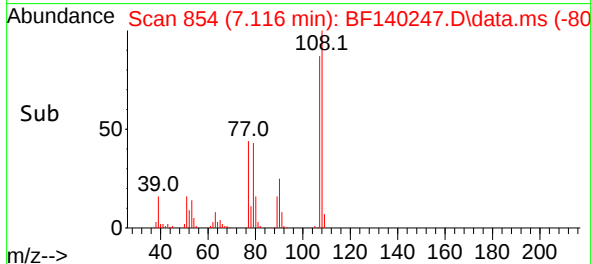
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:107 Resp: 9906
Ion Ratio Lower Upper
107 100
108 115.1 90.5 135.7
77 50.3 41.8 62.6
79 49.5 40.6 61.0

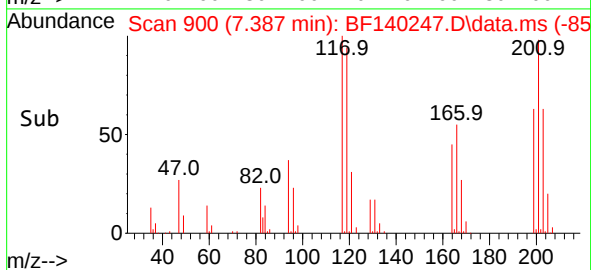
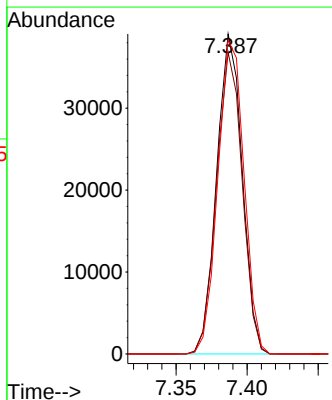
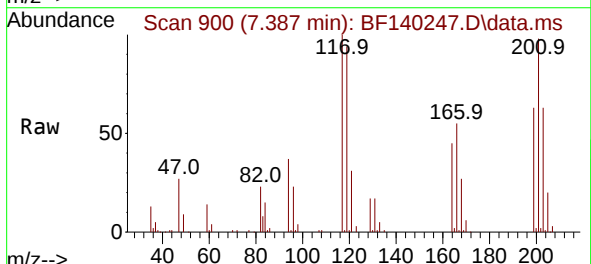
Manual Integrations
APPROVED

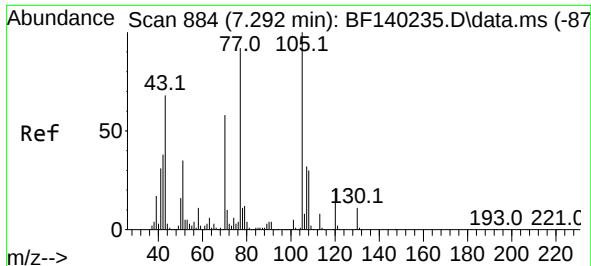
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#18
Hexachloroethane
Concen: 8.402 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

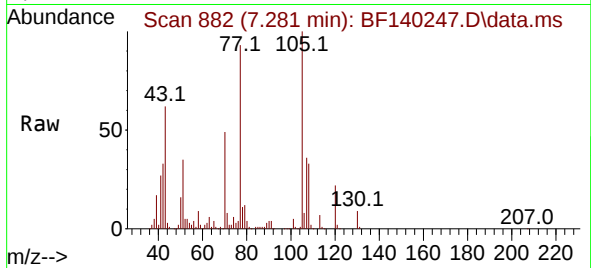
Tgt Ion:117 Resp: 48907
Ion Ratio Lower Upper
117 100
119 94.3 77.3 115.9
201 98.1 85.1 127.7





#19
n-Nitroso-di-n-propylamine
Concen: 9.285 ng
RT: 7.281 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

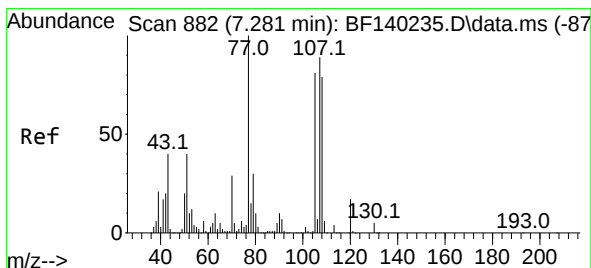
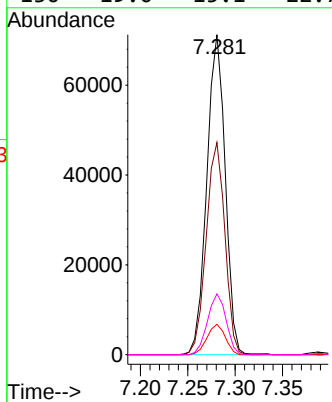
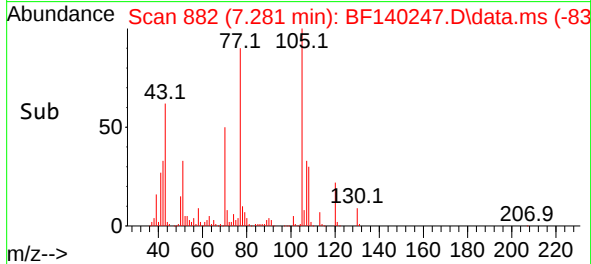
Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



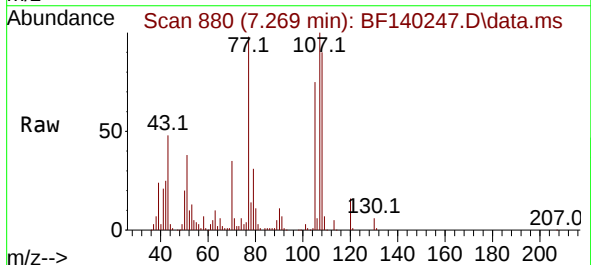
Tgt Ion: 70	Resp: 96279
Ion Ratio	Lower Upper
70	100
42	66.3 52.8 79.2
101	9.5 7.4 11.2
130	19.0 15.1 22.7

Manual Integrations
APPROVED

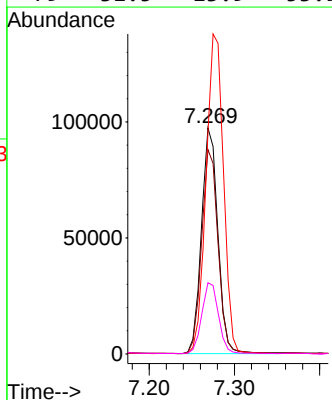
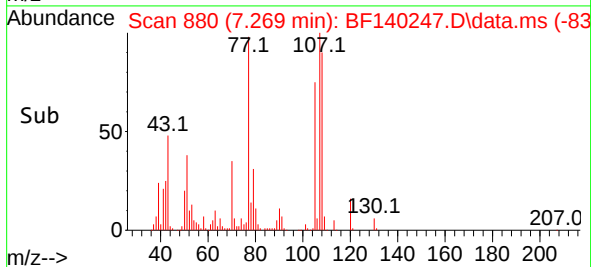
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

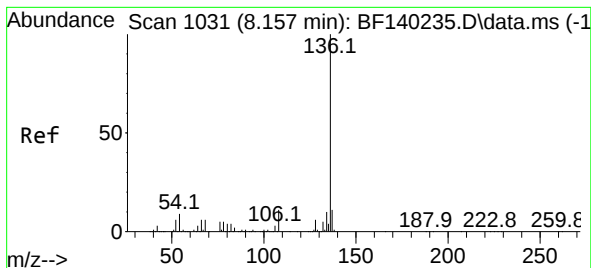


#20
3+4-Methylphenols
Concen: 9.380 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41



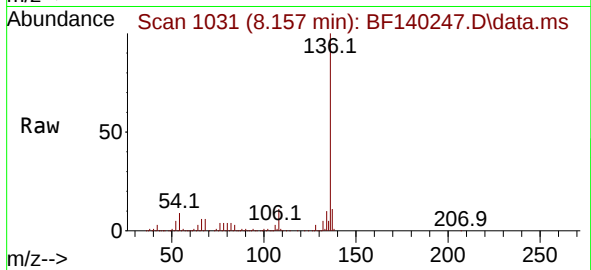
Tgt Ion:107	Resp: 129936
Ion Ratio	Lower Upper
107	100
108	90.4 69.4 109.4
77	97.8 92.7 132.7
79	31.5 13.9 53.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

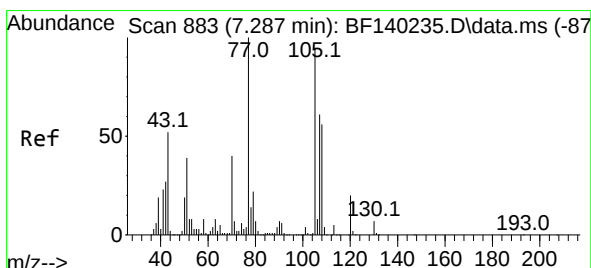
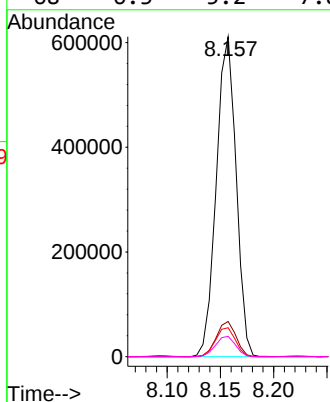
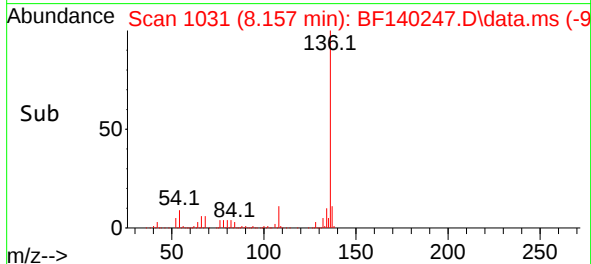


Tgt Ion:136 Resp: 788788

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	9.0	7.7	11.5
68	6.3	5.2	7.8

Manual Integrations
APPROVED

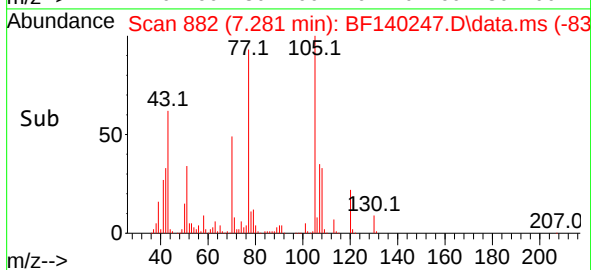
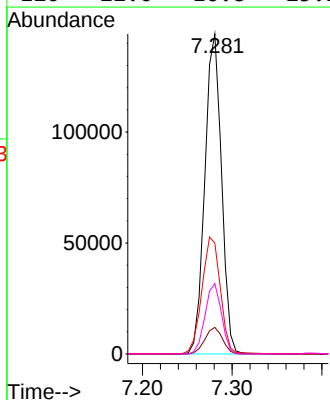
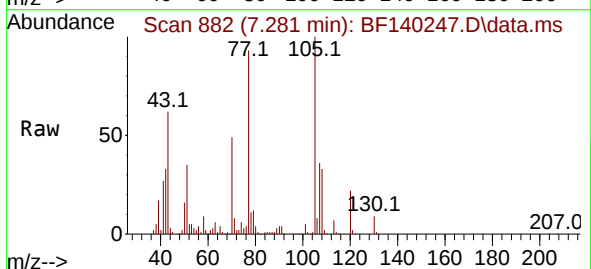
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

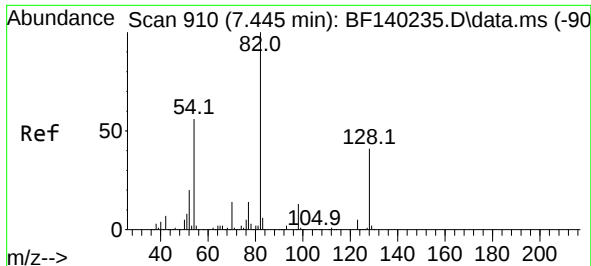


#22
Acetophenone
Concen: 9.525 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

Tgt Ion:105 Resp: 186274

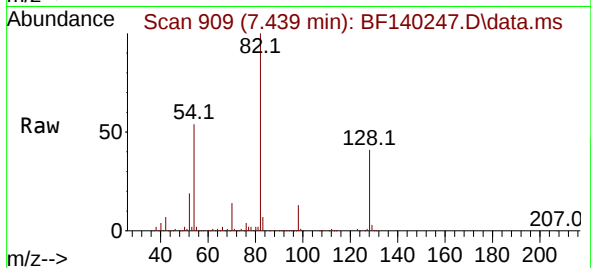
Ion	Ratio	Lower	Upper
105	100		
71	8.3	5.6	8.4
51	34.7	33.2	49.8
120	22.0	16.8	25.2





#23
Nitrobenzene-d5
Concen: 86.235 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

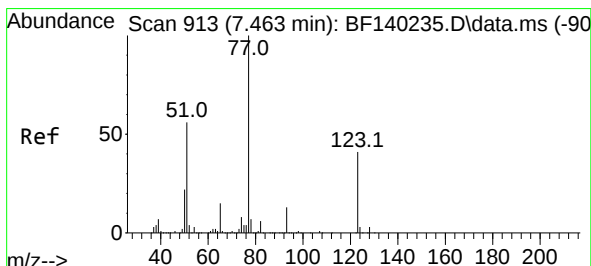
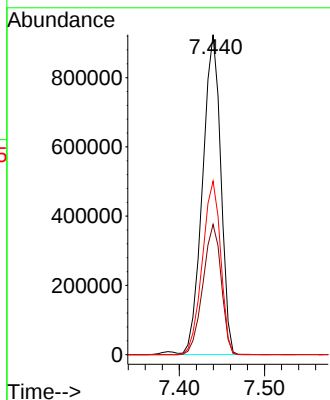
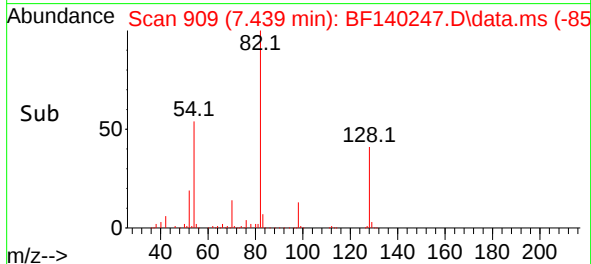
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 82 Resp: 136813
Ion Ratio Lower Upper
82 100
128 40.7 32.8 49.2
54 54.2 44.3 66.5

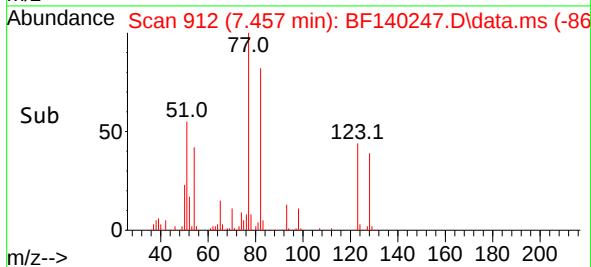
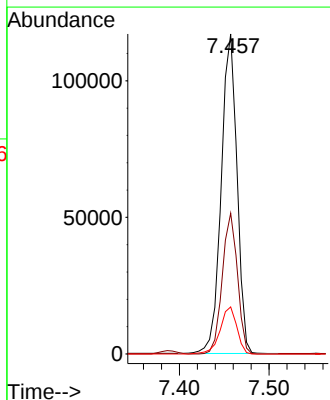
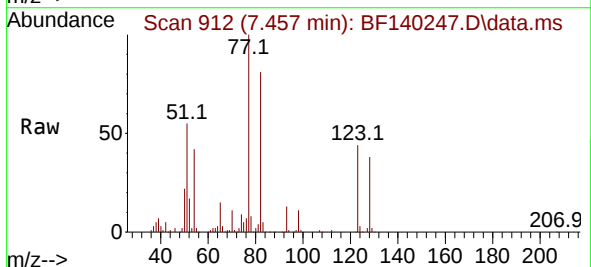
Manual Integrations
APPROVED

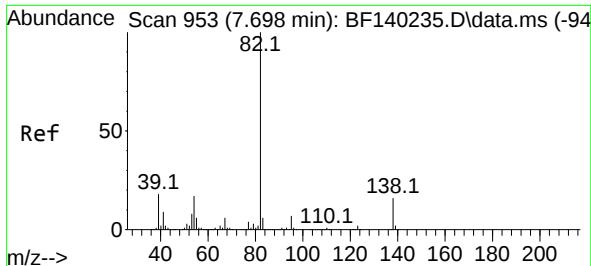
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#24
Nitrobenzene
Concen: 8.578 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

Tgt Ion: 77 Resp: 142794
Ion Ratio Lower Upper
77 100
123 44.0 33.0 49.4
65 14.7 11.7 17.5





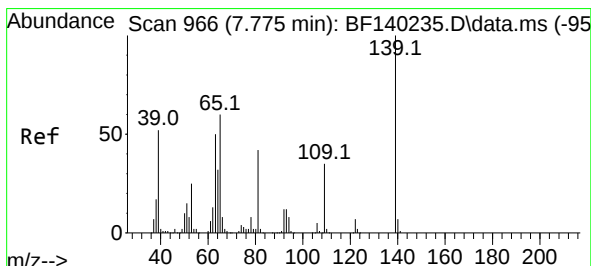
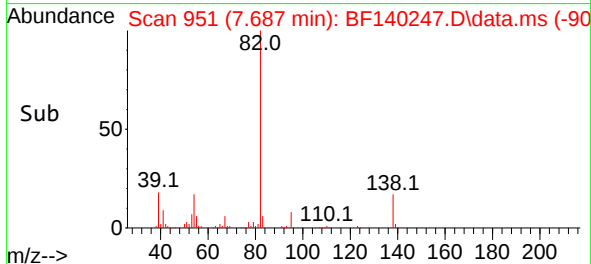
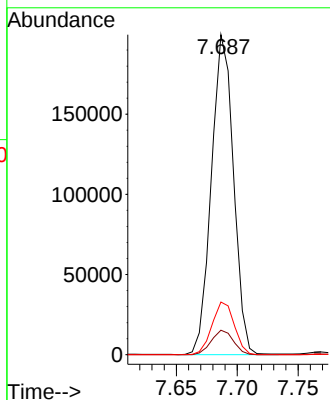
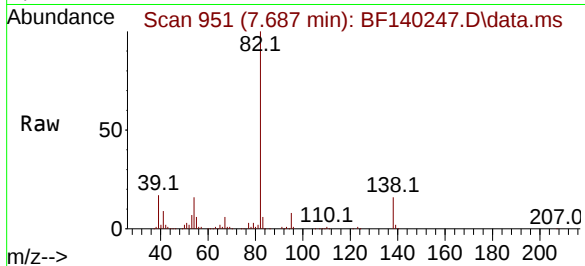
#25
Isophorone
Concen: 9.239 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion: 82 Resp: 252394
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 16.4 12.9 19.3

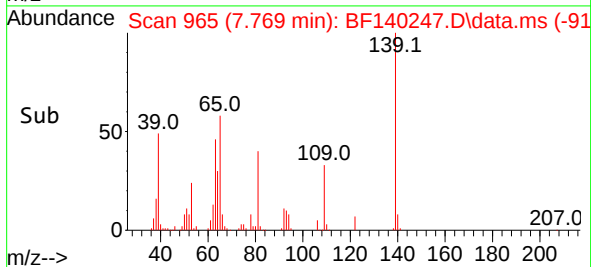
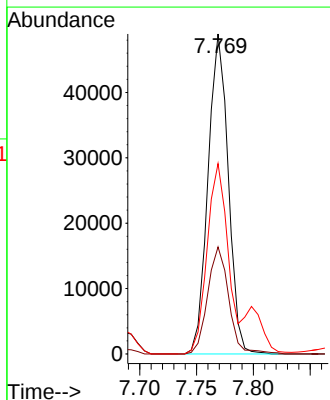
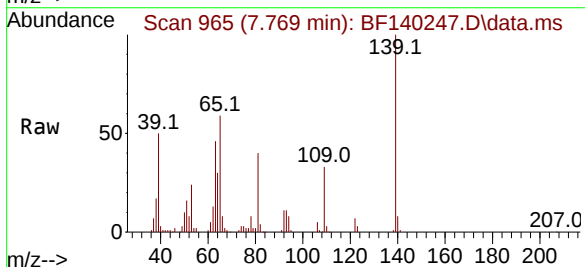
Manual Integrations
APPROVED

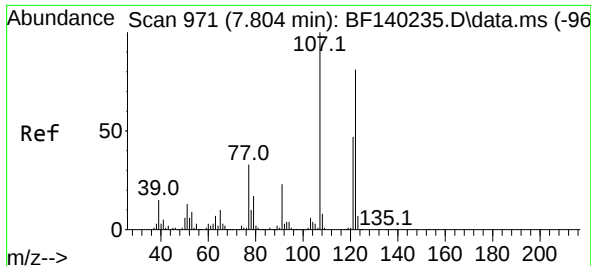
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#26
2-Nitrophenol
Concen: 9.150 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

Tgt Ion:139 Resp: 60590
Ion Ratio Lower Upper
139 100
109 33.5 27.8 41.8
65 59.5 48.2 72.2





#27

2,4-Dimethylphenol

Concen: 9.266 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140247.D

Acq: 05 Nov 2024 19:41

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

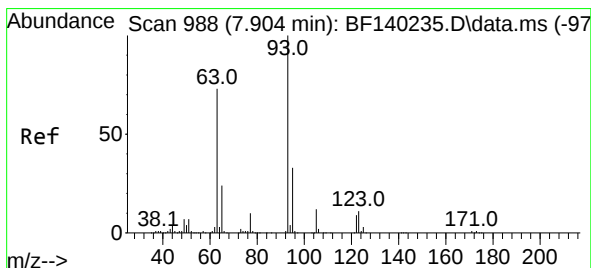
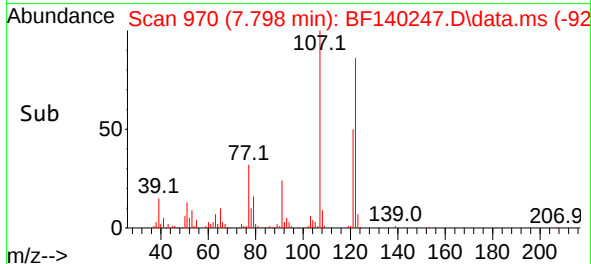
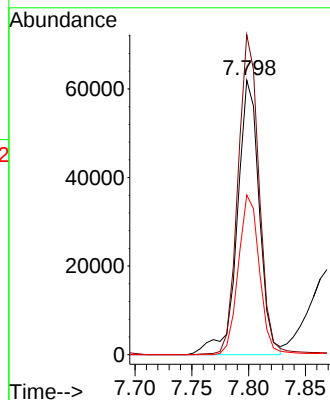
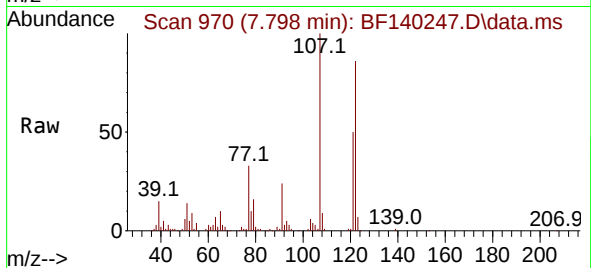
Tgt Ion:	122	Resp:	83470
Ion	Ratio	Lower	Upper
122	100		
107	116.5	99.4	149.0
121	58.1	47.1	70.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#28

bis(2-Chloroethoxy)methane

Concen: 9.212 ng

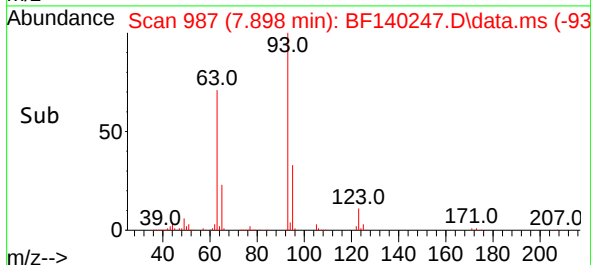
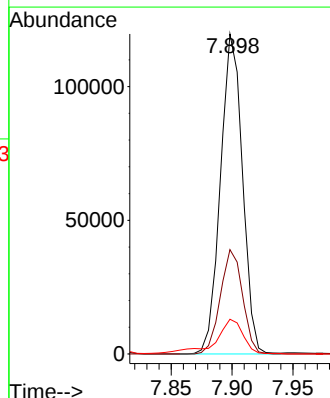
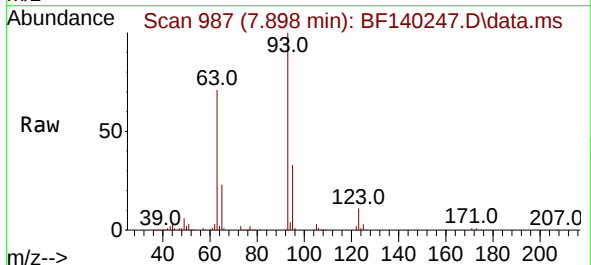
RT: 7.898 min Scan# 987

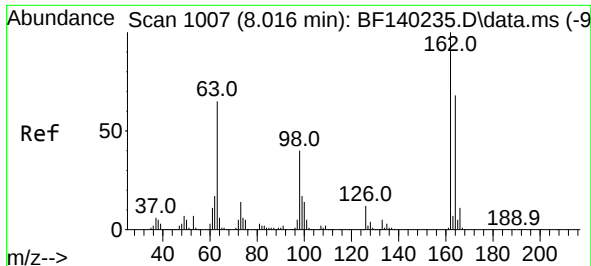
Delta R.T. -0.006 min

Lab File: BF140247.D

Acq: 05 Nov 2024 19:41

Tgt Ion:	93	Resp:	150594
Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	10.9	9.4	14.0





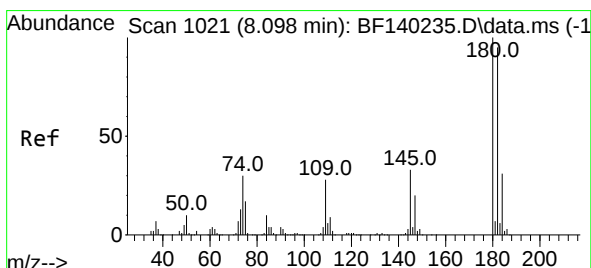
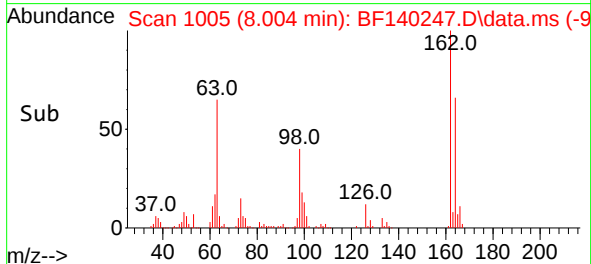
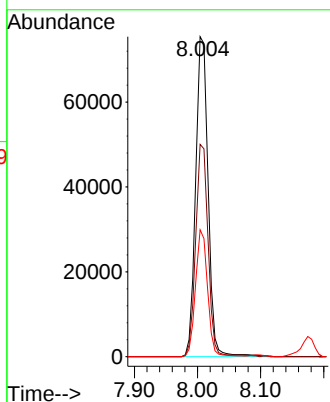
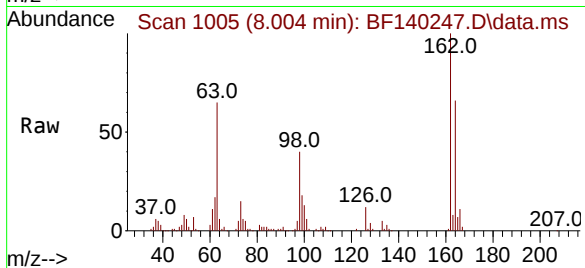
#29
2,4-Dichlorophenol
Concen: 9.293 ng
RT: 8.004 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:162 Resp: 10356
Ion Ratio Lower Upper
162 100
164 66.3 47.5 87.5
98 39.6 19.5 59.5

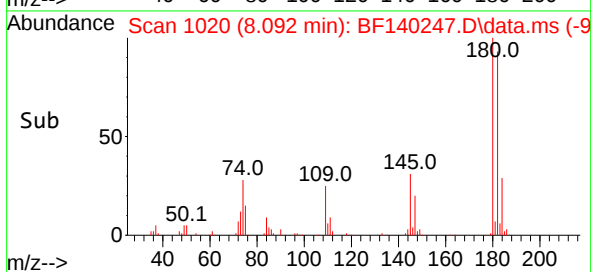
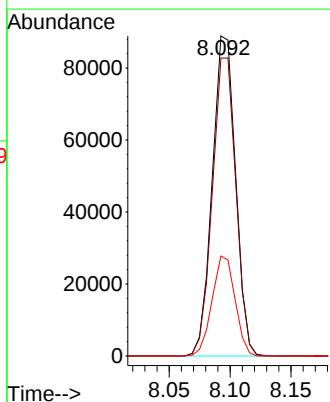
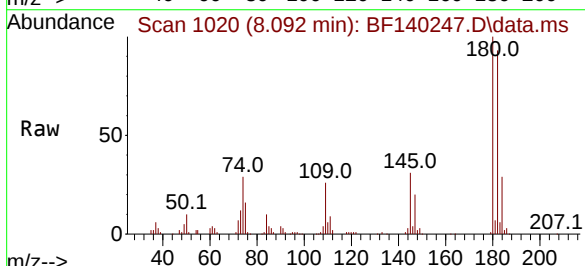
Manual Integrations
APPROVED

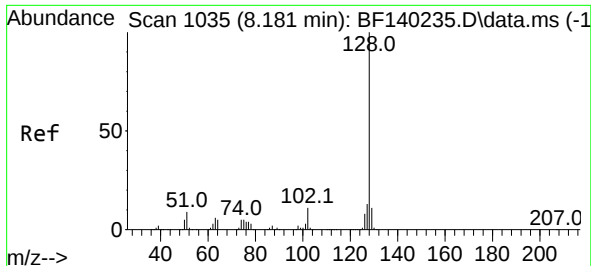
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#30
1,2,4-Trichlorobenzene
Concen: 8.892 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

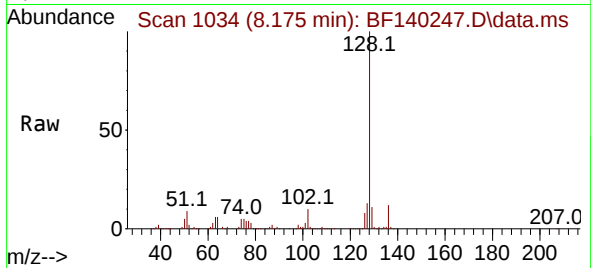
Tgt Ion:180 Resp: 118750
Ion Ratio Lower Upper
180 100
182 93.1 75.9 113.9
145 31.3 26.1 39.1





#31
Naphthalene
Concen: 9.032 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

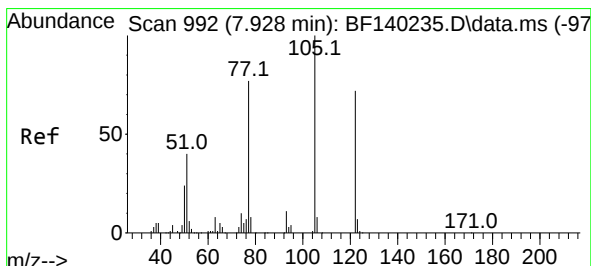
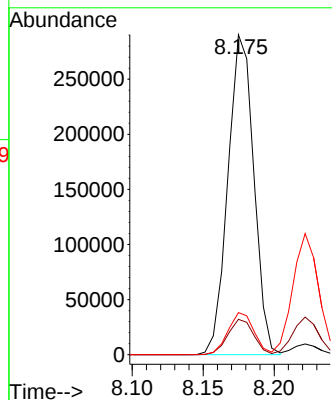
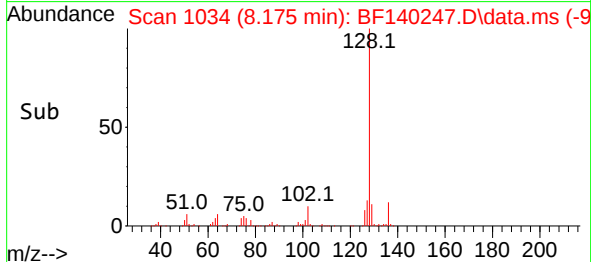
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:128 Resp: 367889
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.1 10.7 16.1

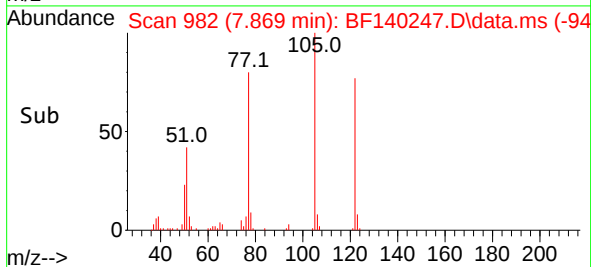
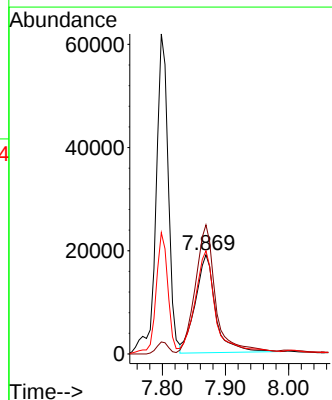
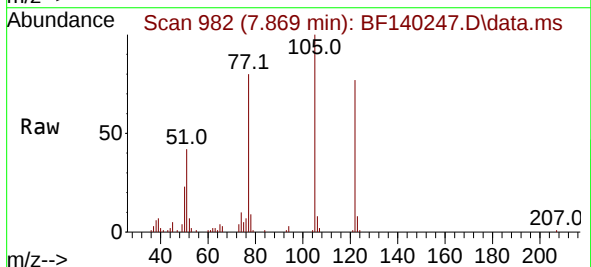
Manual Integrations
APPROVED

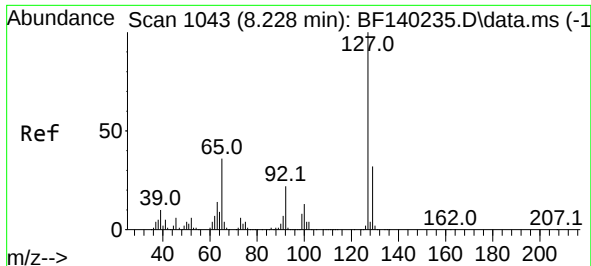
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#32
Benzoic acid
Concen: 5.687 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.059 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

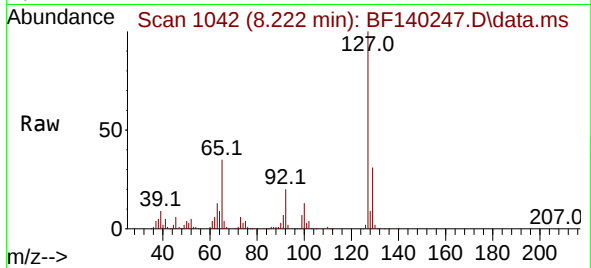
Tgt Ion:122 Resp: 42044
Ion Ratio Lower Upper
122 100
105 130.1 112.6 152.6
77 104.0 84.3 124.3





#33
4-Chloroaniline
Concen: 10.445 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

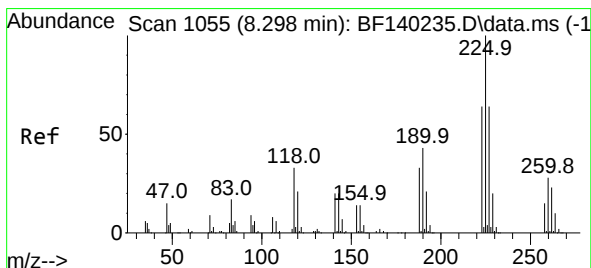
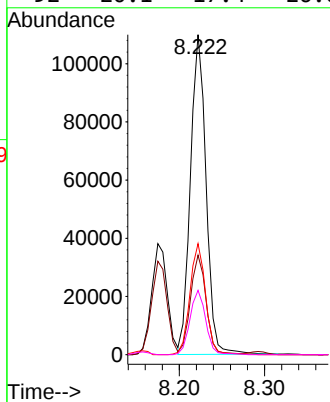
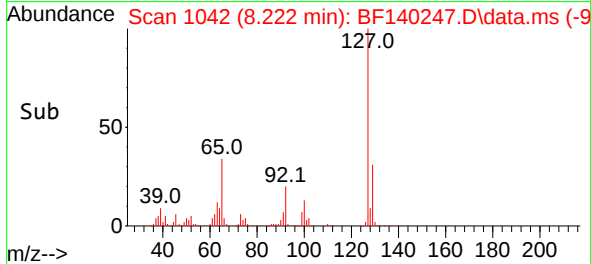
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:127 Resp: 140058
Ion Ratio Lower Upper
127 100
129 31.1 25.8 38.6
65 34.7 29.0 43.6
92 20.1 17.4 26.0

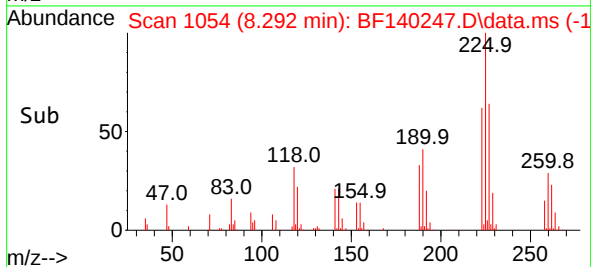
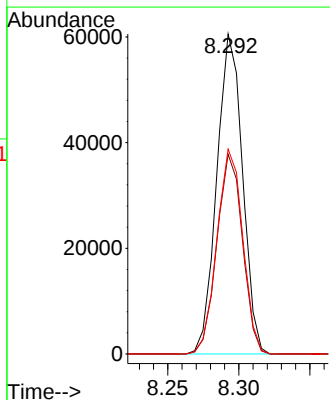
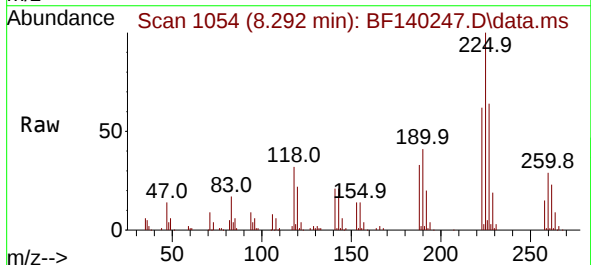
Manual Integrations
APPROVED

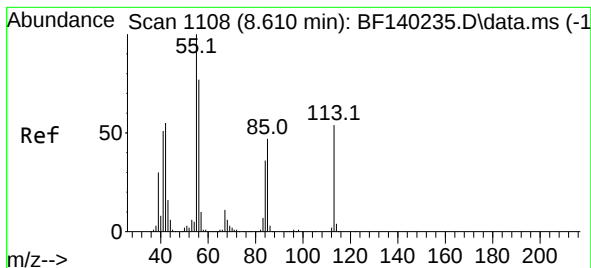
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#34
Hexachlorobutadiene
Concen: 8.428 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

Tgt Ion:225 Resp: 76186
Ion Ratio Lower Upper
225 100
223 62.4 50.8 76.2
227 64.0 51.0 76.6





#35

Caprolactam

Concen: 9.258 ng

RT: 8.563 min Scan# 1108

Delta R.T. -0.047 min

Lab File: BF140247.D

Acq: 05 Nov 2024 19:41

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

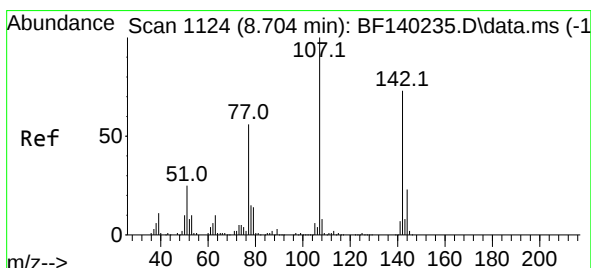
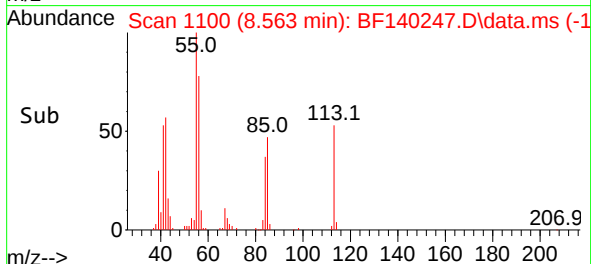
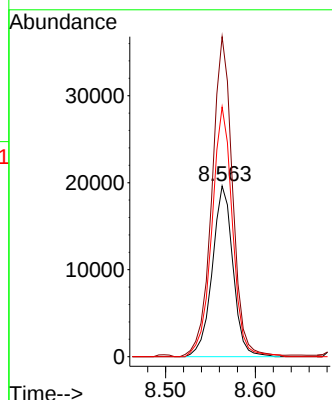
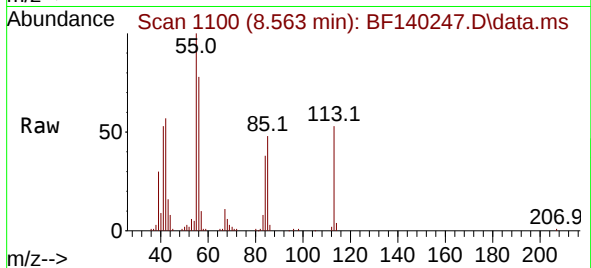
Tgt Ion:	113	Resp:	31389
Ion Ratio	Lower	Upper	
113	100		
55	187.4	165.2	205.2
56	146.3	122.1	162.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#36

4-Chloro-3-methylphenol

Concen: 9.184 ng

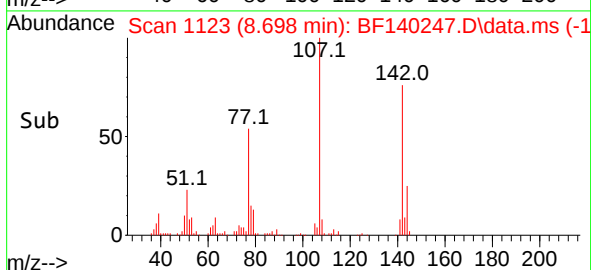
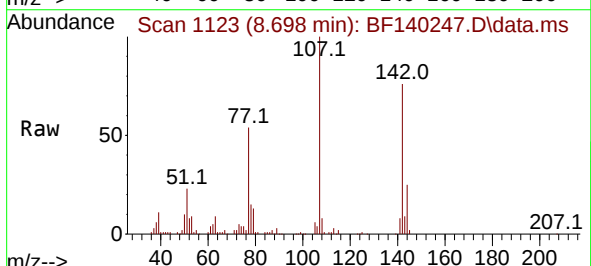
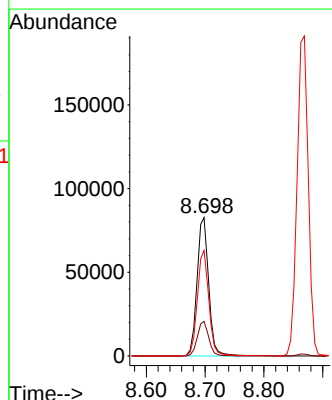
RT: 8.698 min Scan# 1123

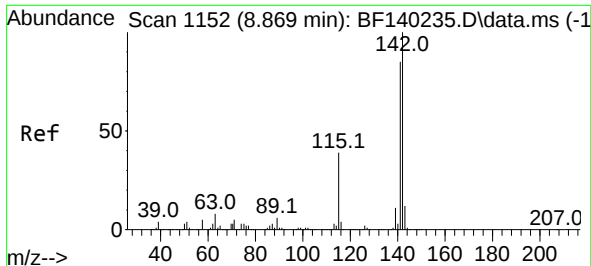
Delta R.T. -0.006 min

Lab File: BF140247.D

Acq: 05 Nov 2024 19:41

Tgt Ion:	107	Resp:	113959
Ion Ratio	Lower	Upper	
107	100		
144	24.9	18.6	27.8
142	76.1	58.1	87.1





#37

2-Methylnaphthalene

Concen: 9.496 ng

RT: 8.869 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF140247.D

Acq: 05 Nov 2024 19:41

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:142 Resp: 252438

Ion Ratio Lower Upper

142 100

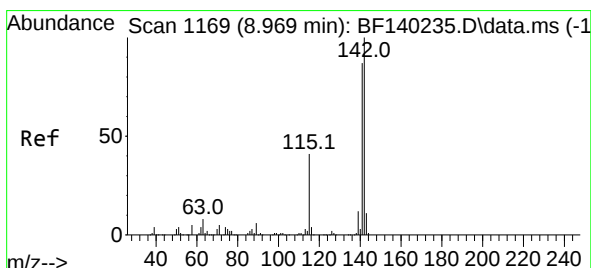
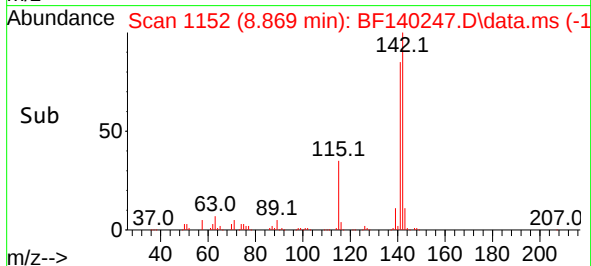
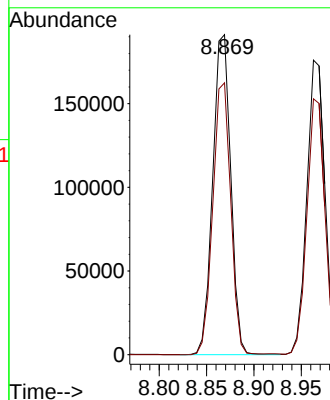
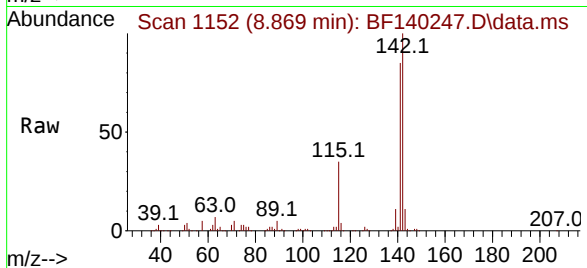
141 84.9 67.8 101.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#38

1-Methylnaphthalene

Concen: 8.885 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140247.D

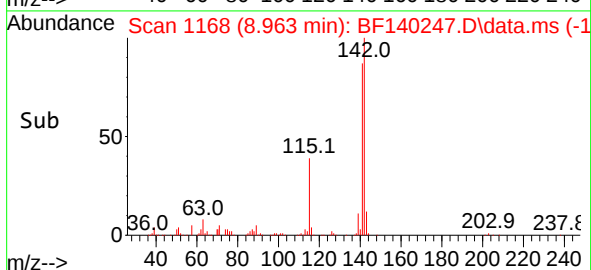
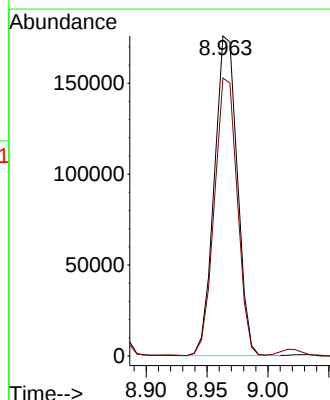
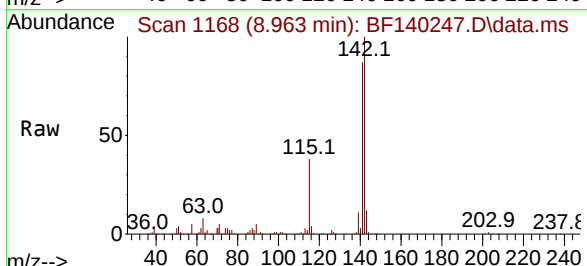
Acq: 05 Nov 2024 19:41

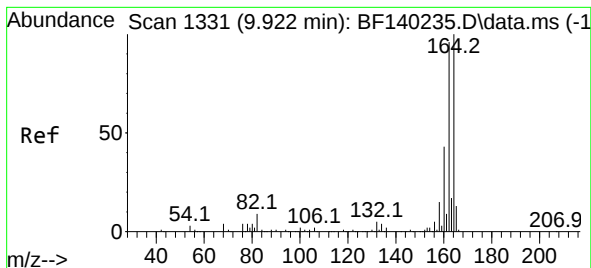
Tgt Ion:142 Resp: 231500

Ion Ratio Lower Upper

142 100

141 86.9 69.7 104.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140247.D

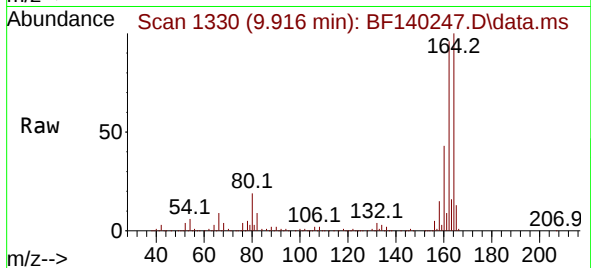
Acq: 05 Nov 2024 19:41

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:164 Resp: 47214

Ion Ratio Lower Upper

164 100

162 95.6 77.0 115.4

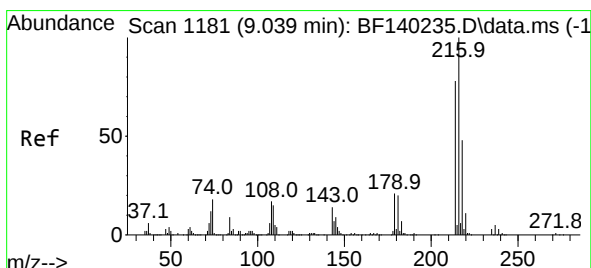
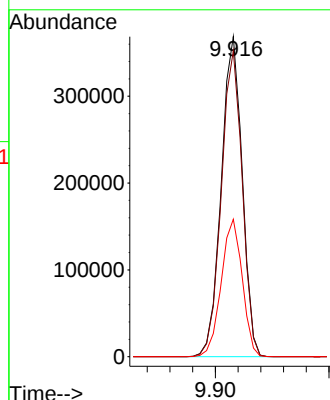
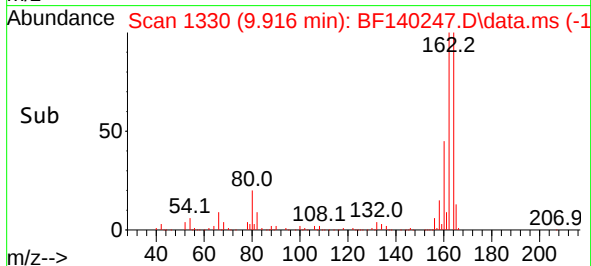
160 43.0 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.172 ng

RT: 9.034 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF140247.D

Acq: 05 Nov 2024 19:41

Tgt Ion:216 Resp: 126769

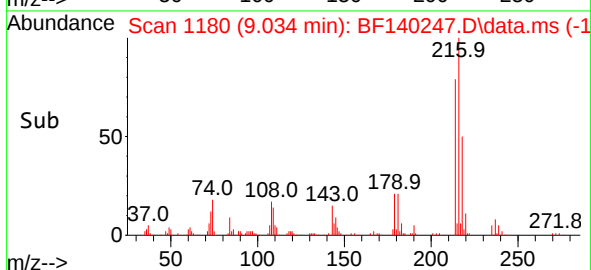
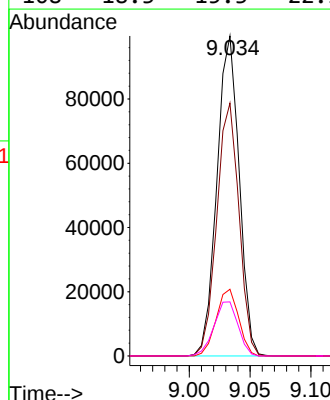
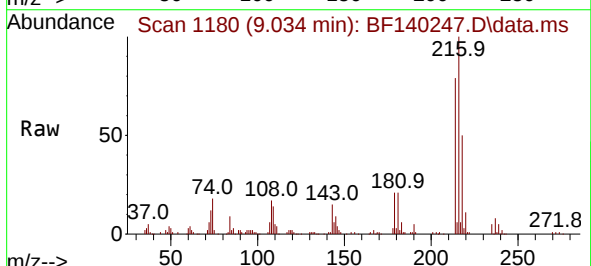
Ion Ratio Lower Upper

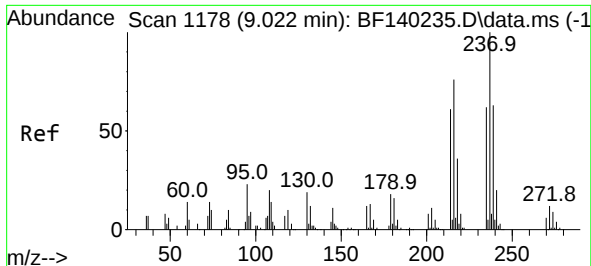
216 100

214 78.8 62.8 94.2

179 21.1 17.3 25.9

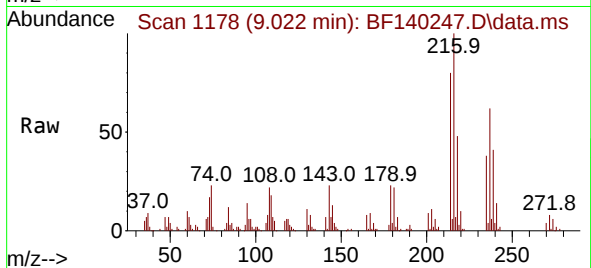
108 18.3 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 9.723 ng
RT: 9.022 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

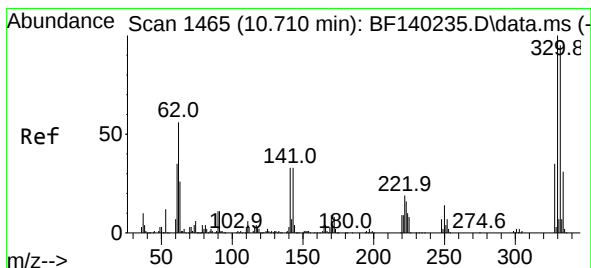
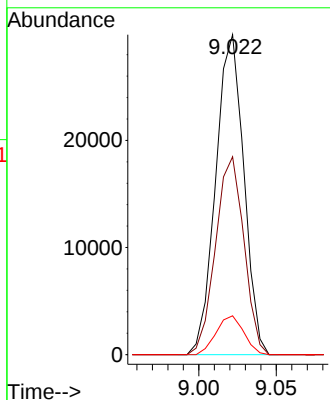
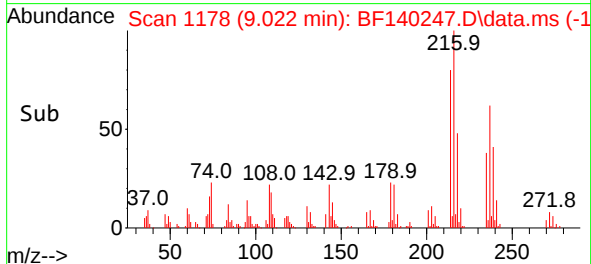
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



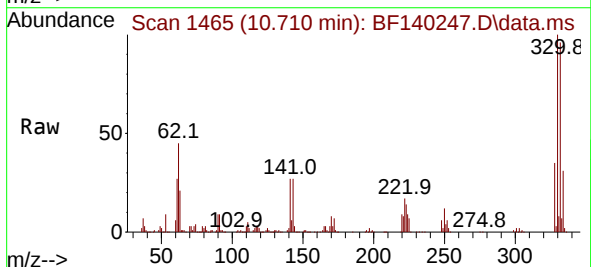
Tgt Ion:237 Resp: 37658
Ion Ratio Lower Upper
237 100
235 61.8 41.8 81.8
272 12.1 0.0 31.8

Manual Integrations
APPROVED

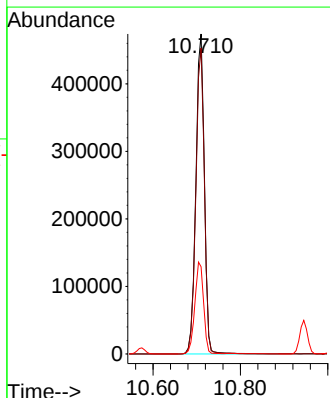
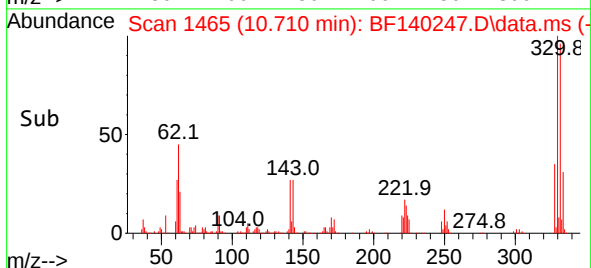
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

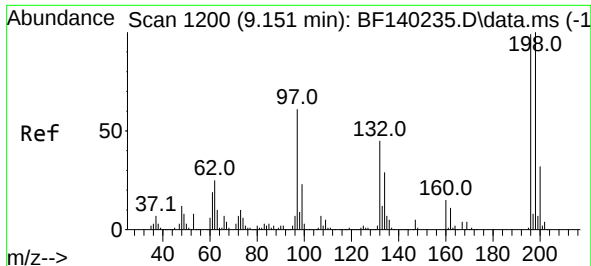


#42
2,4,6-Tribromophenol
Concen: 137.687 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41



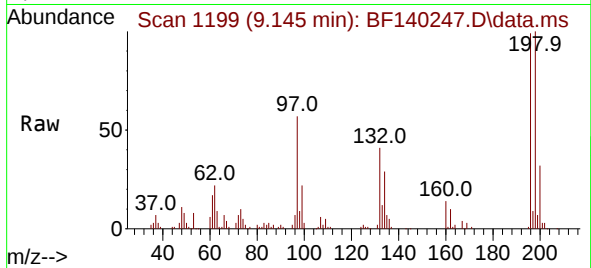
Tgt Ion:330 Resp: 642568
Ion Ratio Lower Upper
330 100
332 95.6 76.4 114.6
141 29.6 27.0 40.4





#43
2,4,6-Trichlorophenol
Concen: 9.084 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

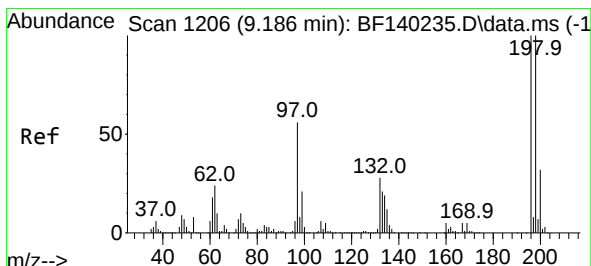
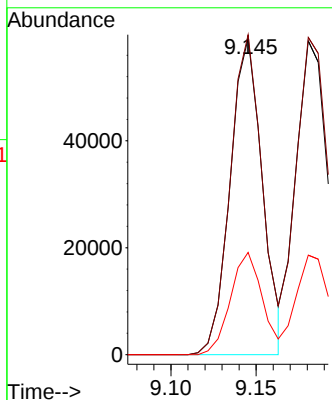
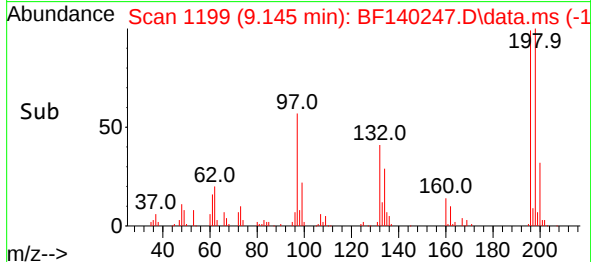
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:196 Resp: 7781
Ion Ratio Lower Upper
196 100
198 101.0 80.8 121.2
200 32.3 26.0 39.0

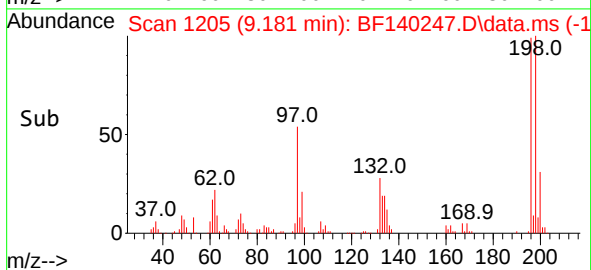
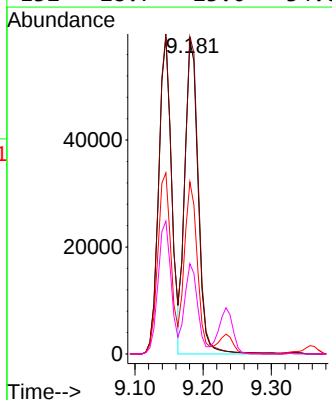
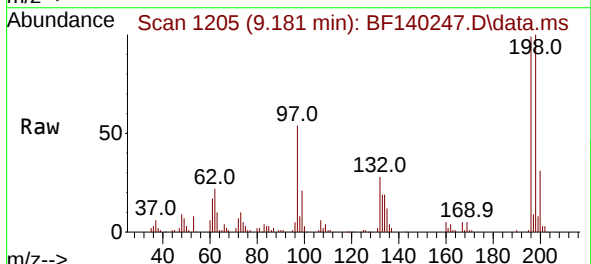
Manual Integrations
APPROVED

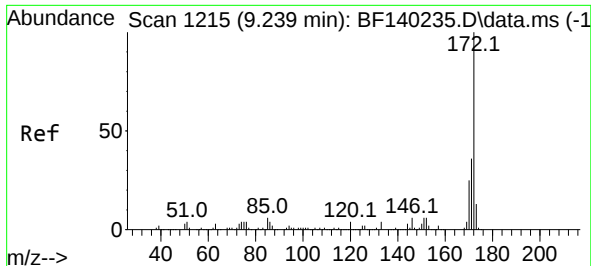
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#44
2,4,5-Trichlorophenol
Concen: 8.855 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

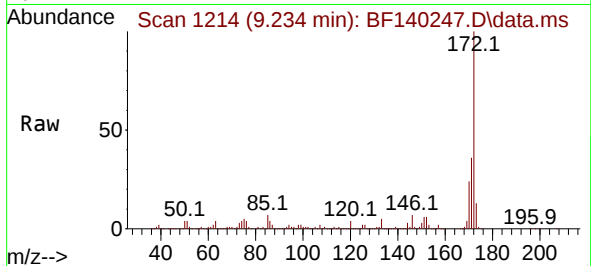
Tgt Ion:196 Resp: 79746
Ion Ratio Lower Upper
196 100
198 101.1 80.0 120.0
97 54.8 45.7 68.5
132 28.7 23.0 34.6





#45
2-Fluorobiphenyl
Concen: 83.016 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

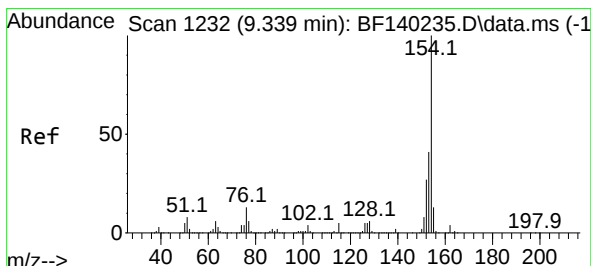
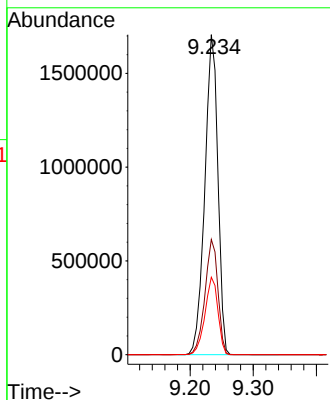
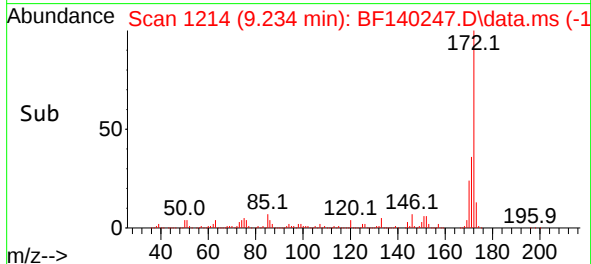
Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



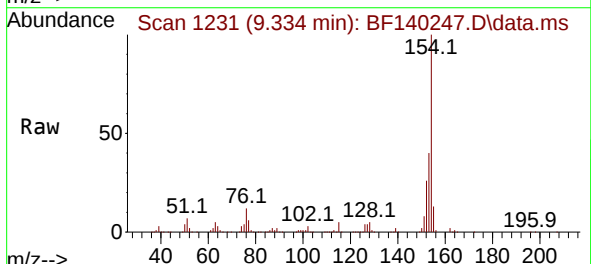
Tgt Ion:172 Resp: 245460
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.2 19.6 29.4

Manual Integrations
APPROVED

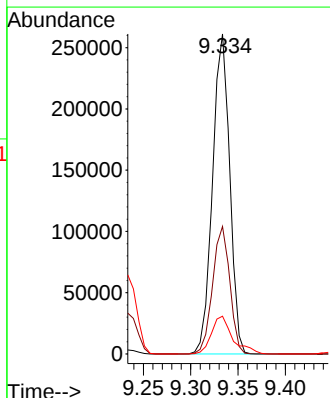
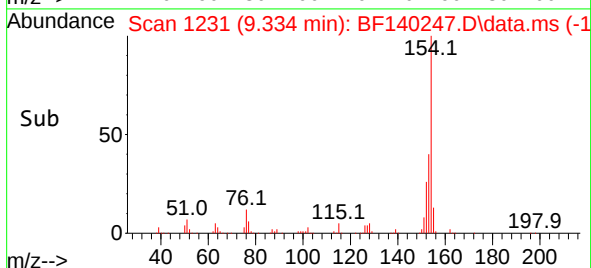
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

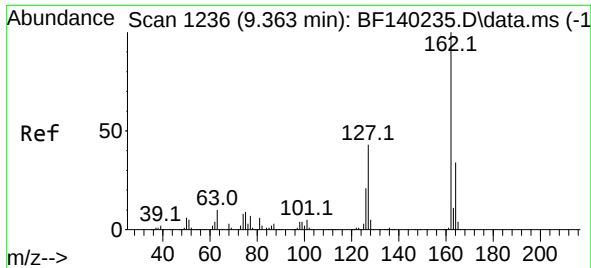


#46
1,1'-Biphenyl
Concen: 9.627 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41



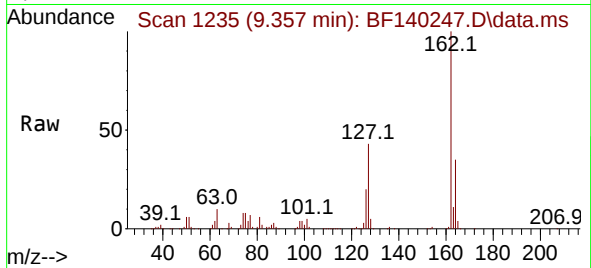
Tgt Ion:154 Resp: 328542
Ion Ratio Lower Upper
154 100
153 39.9 20.8 60.8
76 11.8 0.0 32.6





#47
2-Chloronaphthalene
Concen: 8.966 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

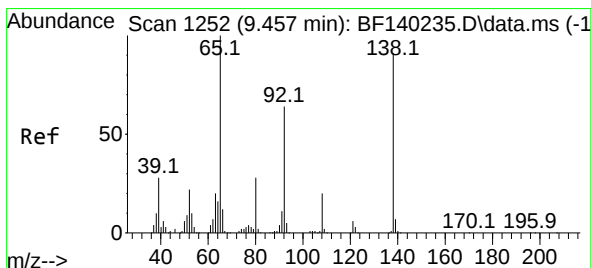
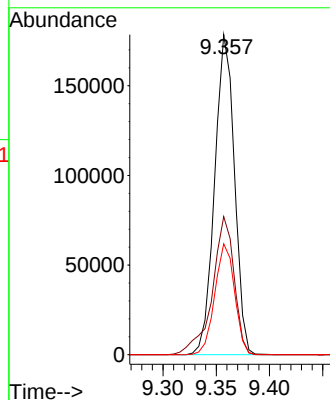
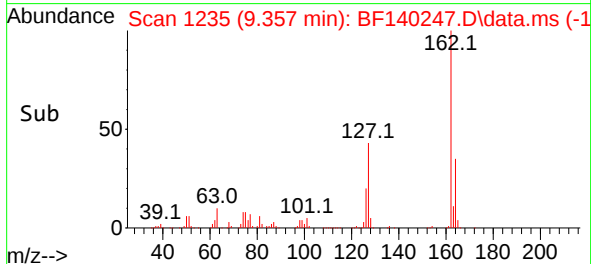
Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:162 Resp: 230289
Ion Ratio Lower Upper
162 100
127 43.2 34.8 52.2
164 34.6 27.3 40.9

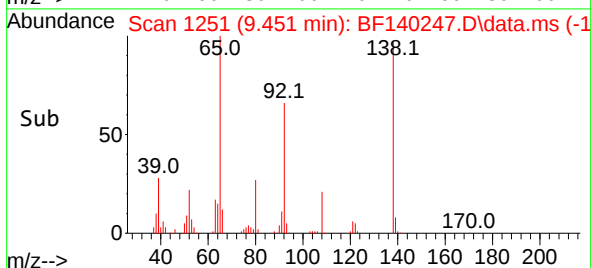
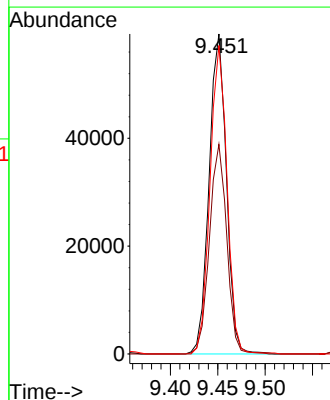
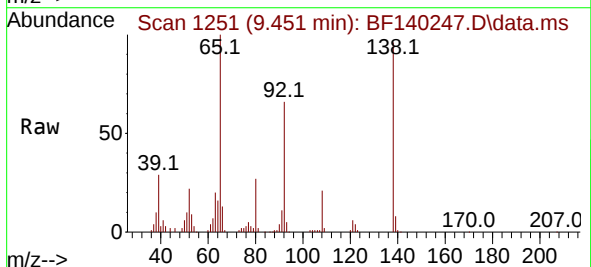
Manual Integrations
APPROVED

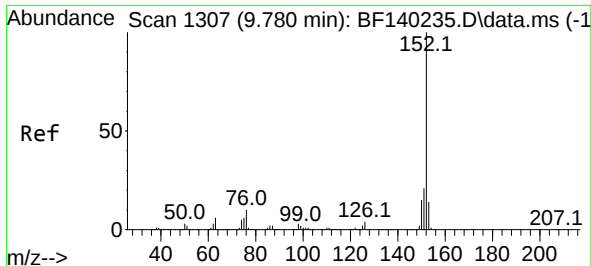
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#48
2-Nitroaniline
Concen: 8.788 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

Tgt Ion: 65 Resp: 75492
Ion Ratio Lower Upper
65 100
92 65.5 51.6 77.4
138 96.4 73.0 109.6





#49

Acenaphthylene

Concen: 10.192 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF140247.D

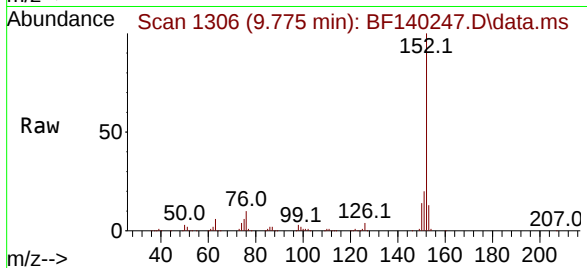
Acq: 05 Nov 2024 19:41

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:152 Resp: 37063

Ion Ratio Lower Upper

152 100

151 19.9 16.4 24.6

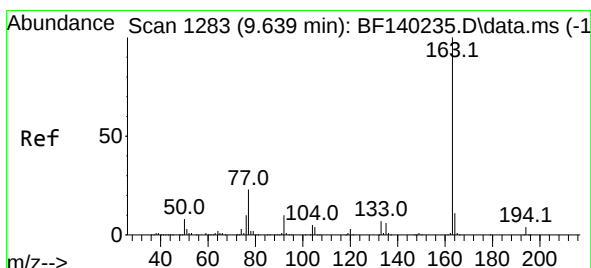
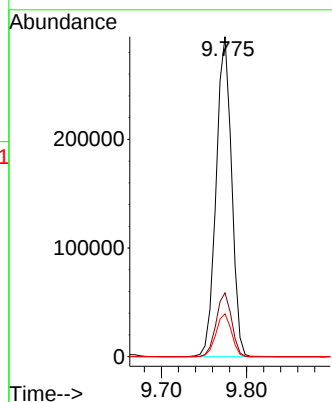
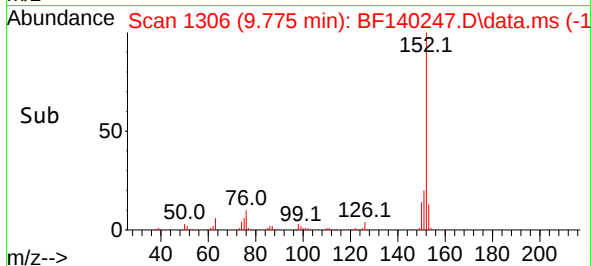
153 13.4 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#50

Dimethylphthalate

Concen: 9.321 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.012 min

Lab File: BF140247.D

Acq: 05 Nov 2024 19:41

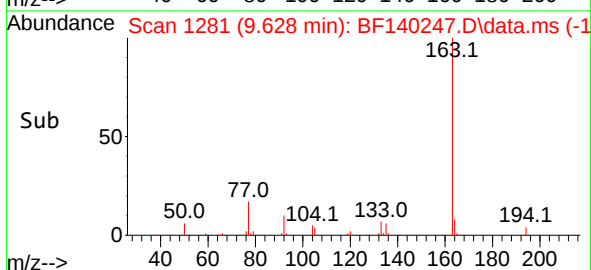
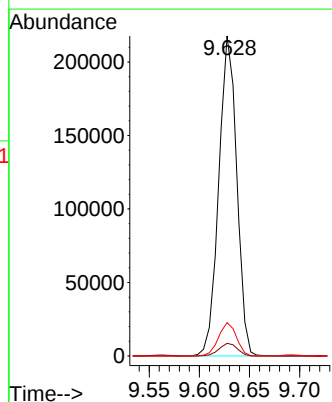
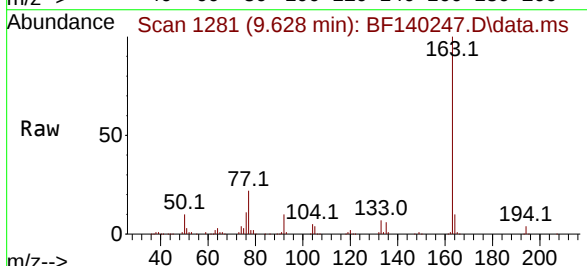
Tgt Ion:163 Resp: 271040

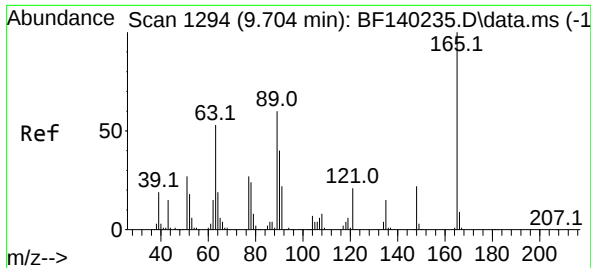
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.4 8.6 13.0





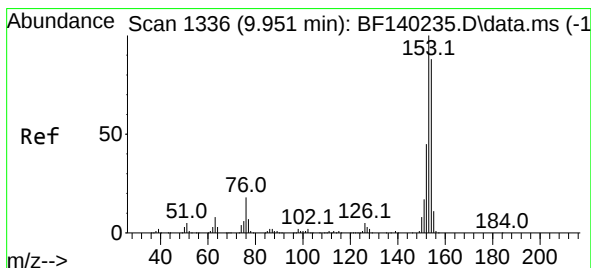
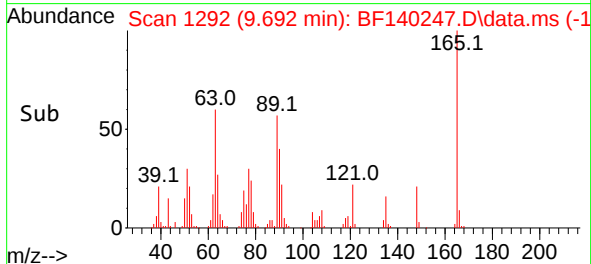
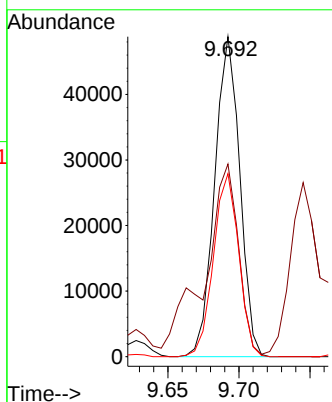
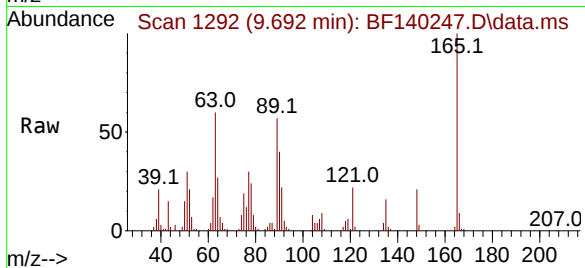
#51
2,6-Dinitrotoluene
Concen: 8.762 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:165 Resp: 5988
Ion Ratio Lower Upper
165 100
63 60.2 48.8 73.2
89 57.2 48.1 72.1

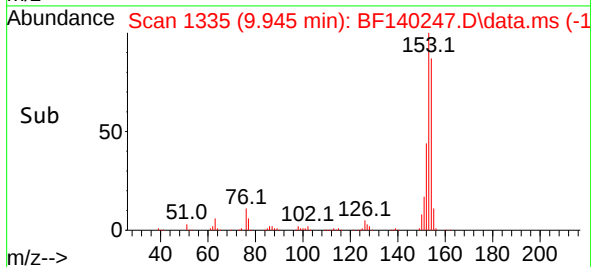
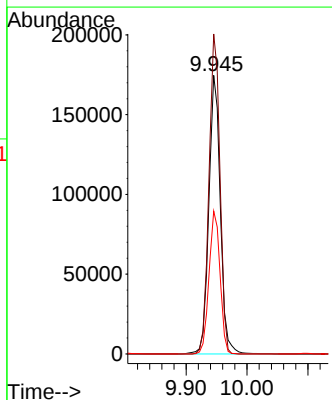
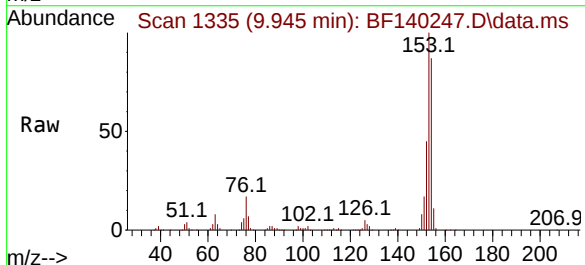
Manual Integrations
APPROVED

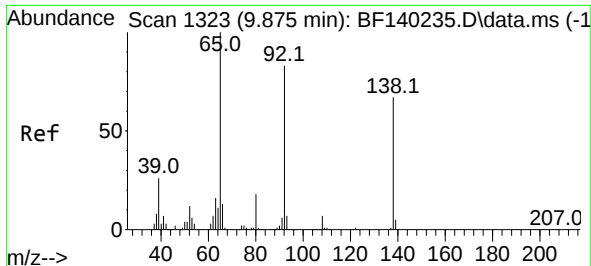
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#52
Acenaphthene
Concen: 8.855 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

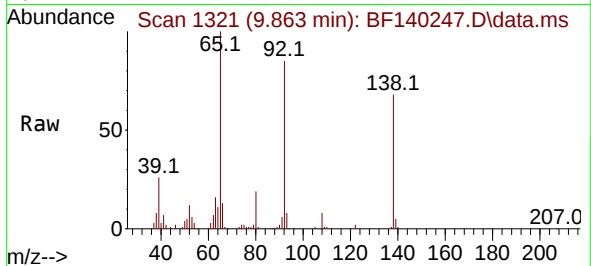
Tgt Ion:154 Resp: 228395
Ion Ratio Lower Upper
154 100
153 114.9 91.3 136.9
152 51.3 41.4 62.2





#53
3-Nitroaniline
Concen: 9.219 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

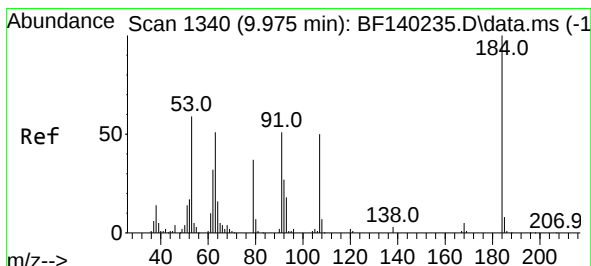
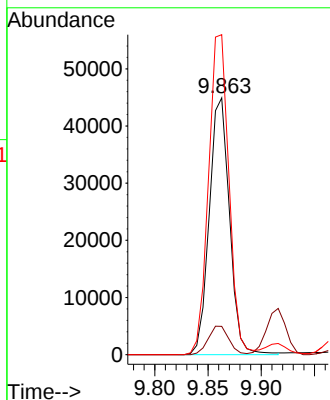
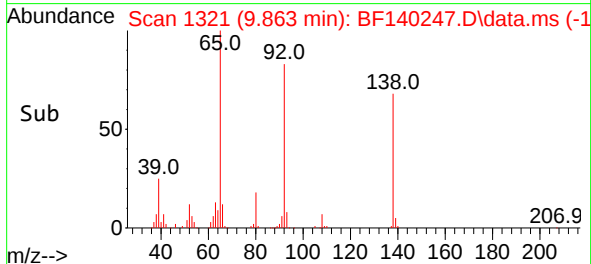
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:138 Resp: 5933
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 124.6 100.0 150.0

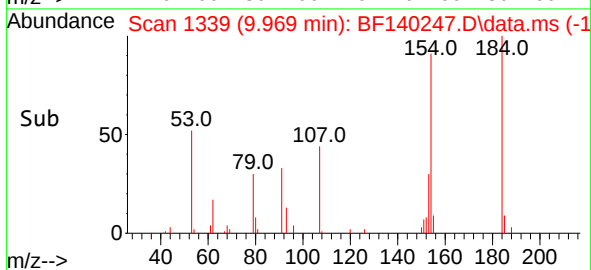
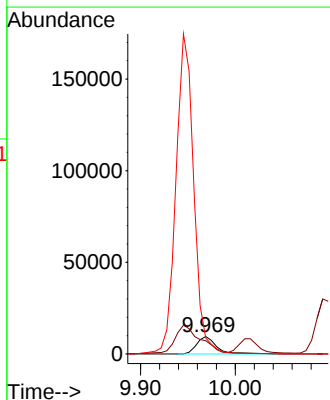
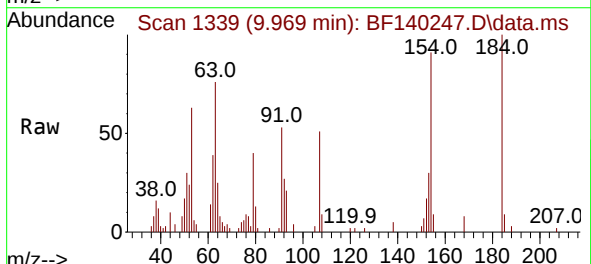
Manual Integrations
APPROVED

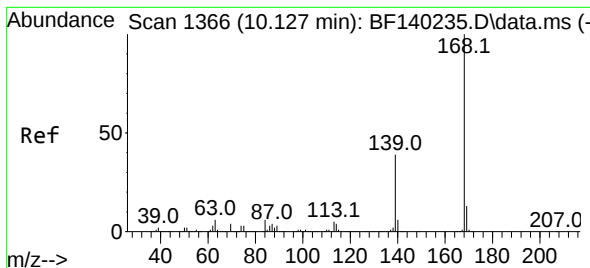
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#54
2,4-Dinitrophenol
Concen: 4.863 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

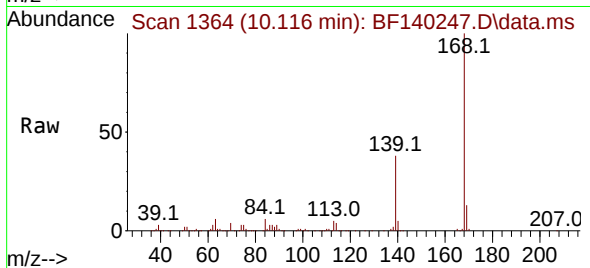
Tgt Ion:184 Resp: 13729
Ion Ratio Lower Upper
184 100
63 75.7 60.1 90.1
154 91.2 66.3 99.5





#55
Dibenzofuran
Concen: 9.729 ng
RT: 10.116 min Scan# 1366
Delta R.T. -0.011 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

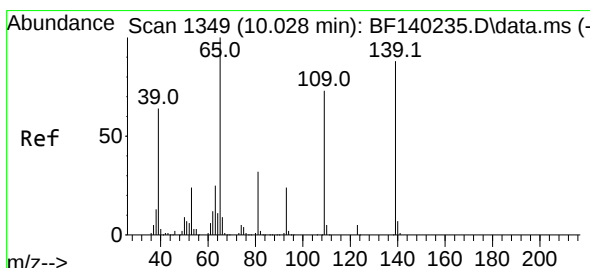
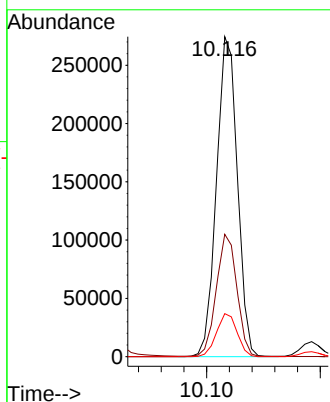
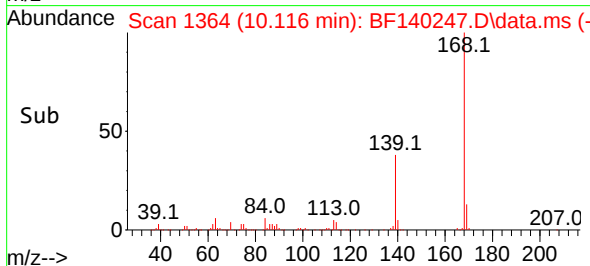
Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:168 Resp: 350890
Ion Ratio Lower Upper
168 100
139 38.2 31.5 47.3
169 13.4 10.6 15.8

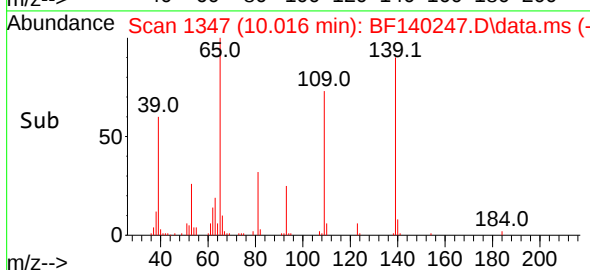
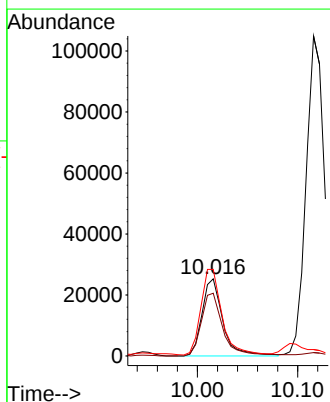
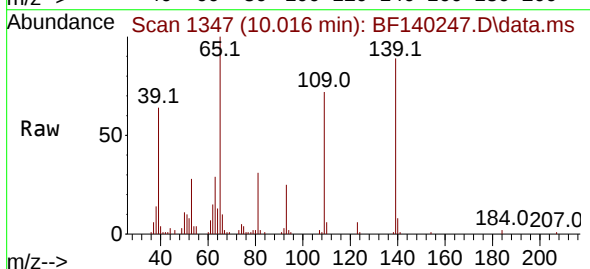
Manual Integrations
APPROVED

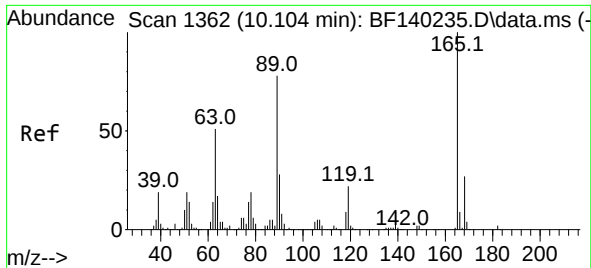
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#56
4-Nitrophenol
Concen: 8.060 ng
RT: 10.016 min Scan# 1347
Delta R.T. -0.012 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

Tgt Ion:139 Resp: 36474
Ion Ratio Lower Upper
139 100
109 81.2 63.8 103.8
65 112.1 94.7 134.7





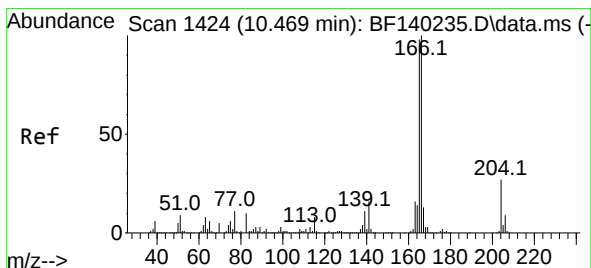
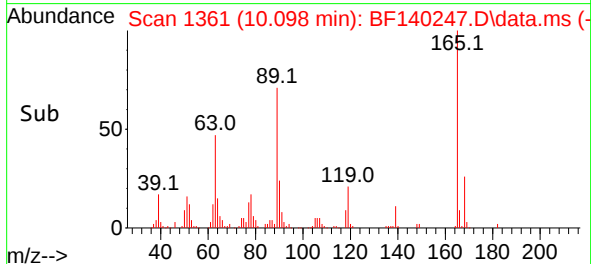
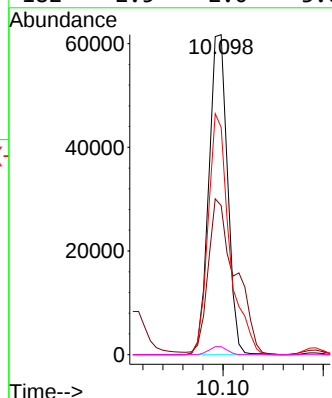
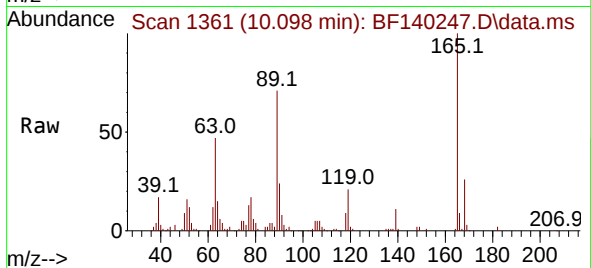
#57
2,4-Dinitrotoluene
Concen: 9.015 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:165 Resp: 79950
Ion Ratio Lower Upper
165 100
63 46.6 41.3 61.9
89 71.0 62.6 94.0
182 2.5 2.0 3.0

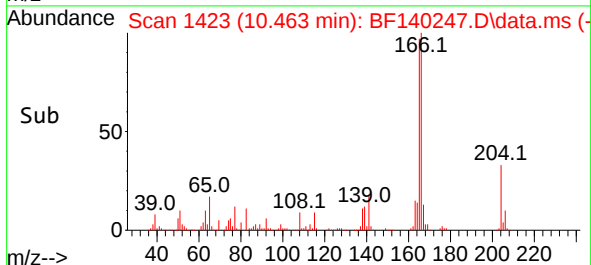
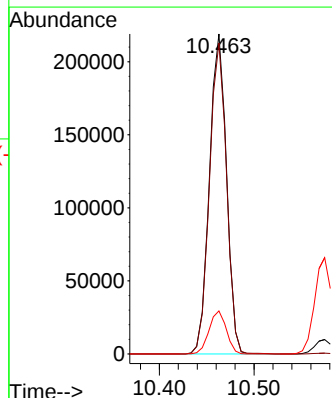
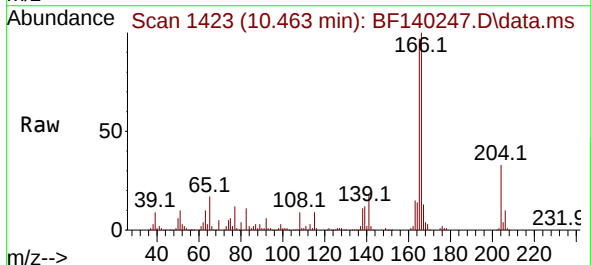
Manual Integrations
APPROVED

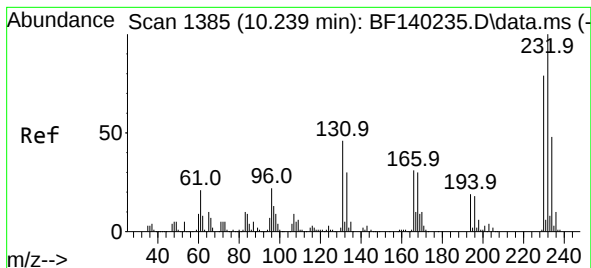
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#58
Fluorene
Concen: 9.551 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

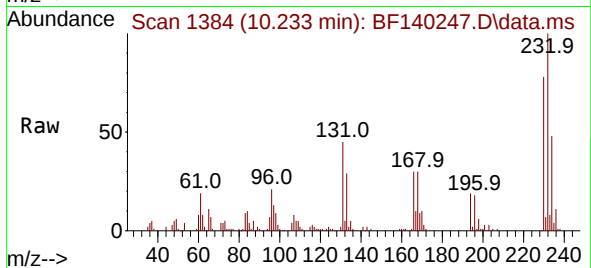
Tgt Ion:166 Resp: 274225
Ion Ratio Lower Upper
166 100
165 97.2 78.7 118.1
167 13.4 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.048 ng
RT: 10.233 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

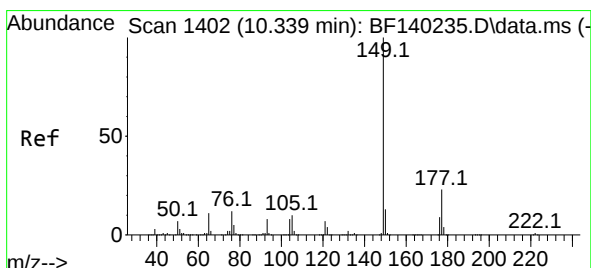
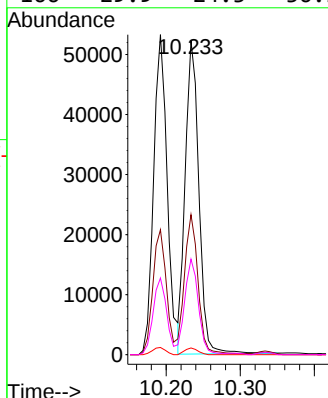
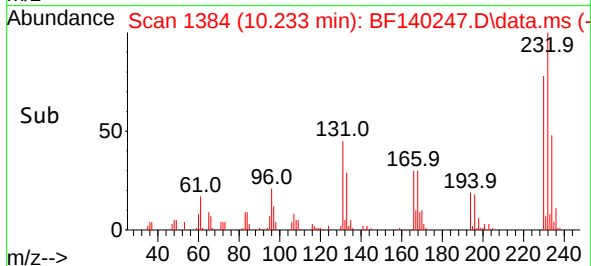
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:232 Resp: 66754
Ion Ratio Lower Upper
232 100
131 45.5 37.2 55.8
130 2.1 1.8 2.8
166 29.9 24.3 36.5

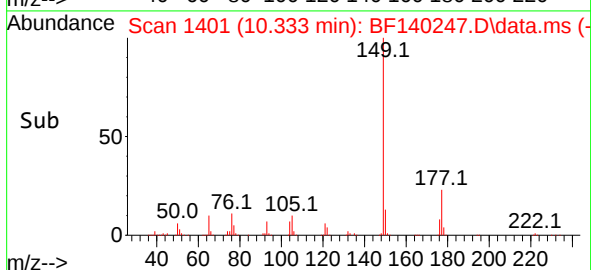
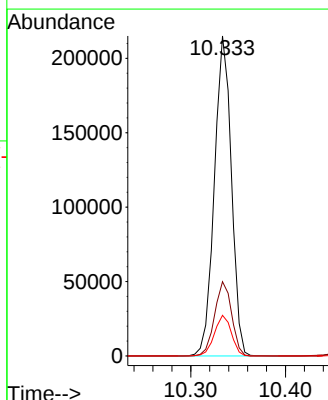
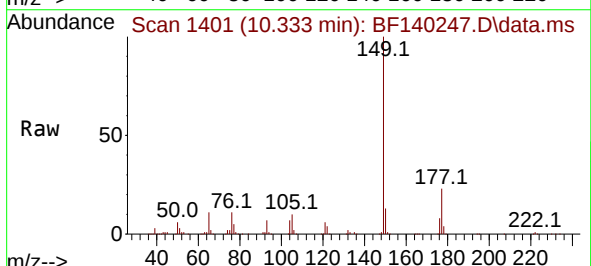
Manual Integrations
APPROVED

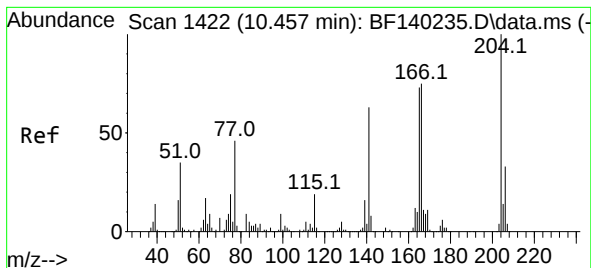
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#60
Diethylphthalate
Concen: 9.289 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

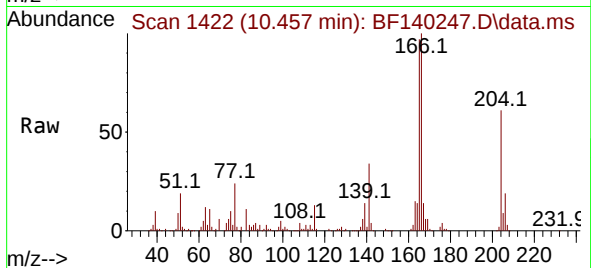
Tgt Ion:149 Resp: 268411
Ion Ratio Lower Upper
149 100
177 23.2 18.1 27.1
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 9.609 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

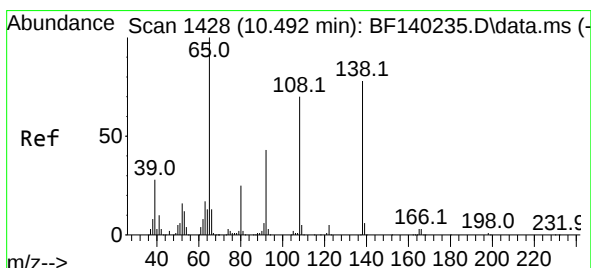
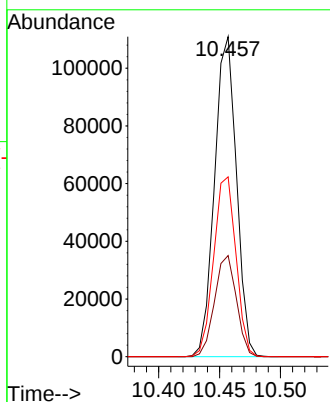
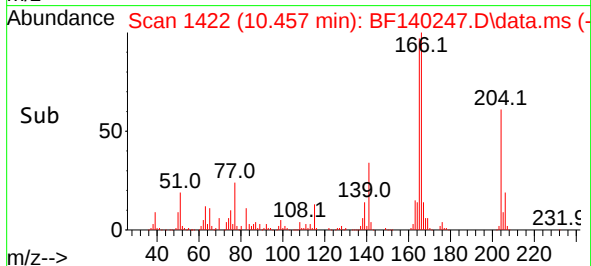
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



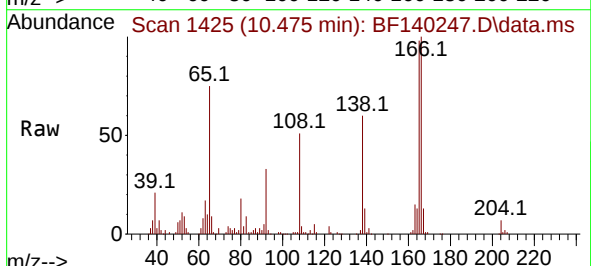
Tgt Ion:204 Resp: 139030
Ion Ratio Lower Upper
204 100
206 31.6 26.2 39.4
141 56.2 50.3 75.5

Manual Integrations
APPROVED

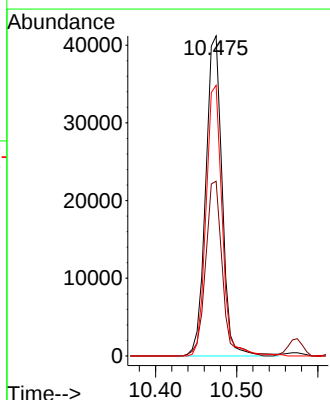
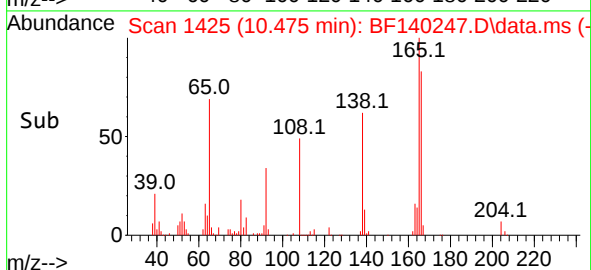
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

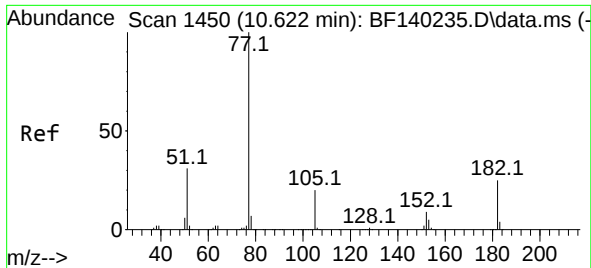


#62
4-Nitroaniline
Concen: 9.026 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.018 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41



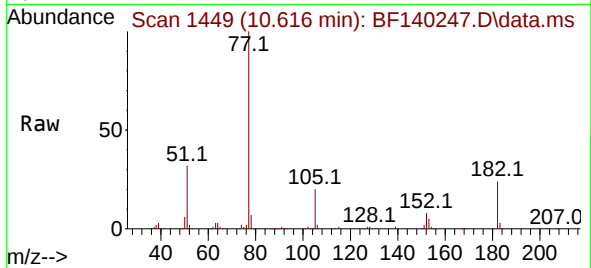
Tgt Ion:138 Resp: 57730
Ion Ratio Lower Upper
138 100
92 54.6 35.3 75.3
108 84.5 70.1 110.1





#63
Azobenzene
Concen: 9.455 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

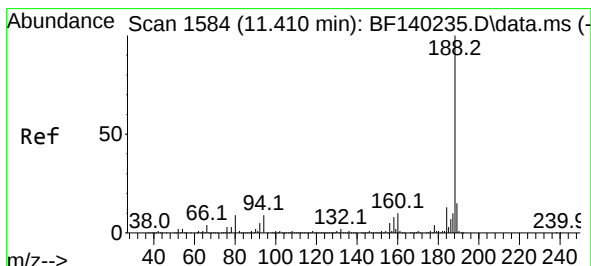
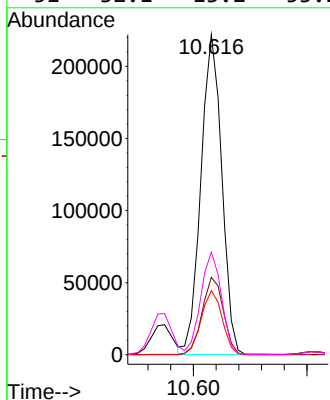
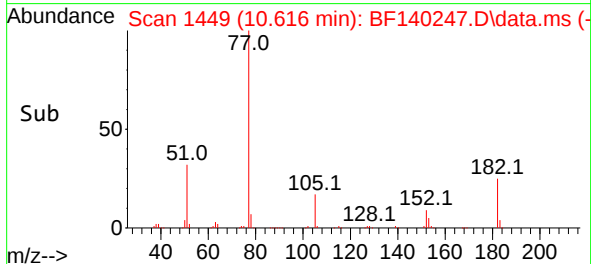
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:	77	Resp:	28320
Ion	Ratio	Lower	Upper
77	100		
182	24.1	4.7	44.7
105	20.0	0.0	40.0
51	32.1	13.2	53.2

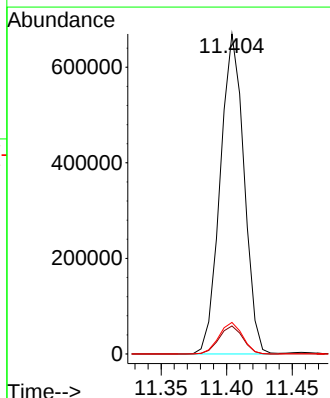
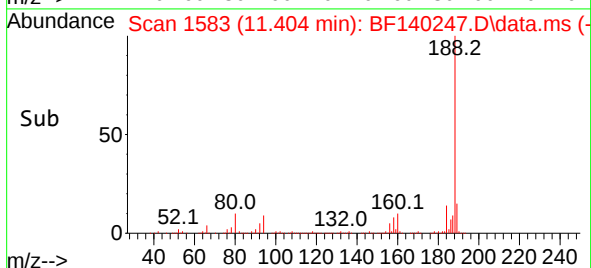
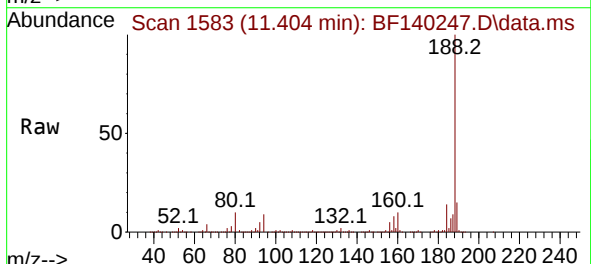
Manual Integrations
APPROVED

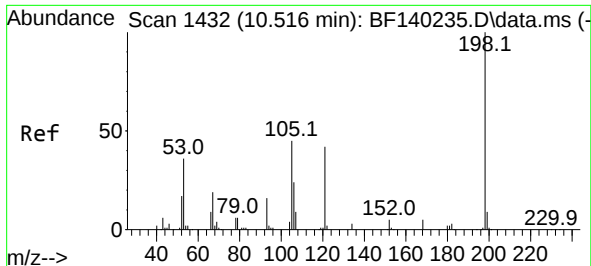
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

Tgt Ion:	188	Resp:	844693
Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.9	10.3
80	9.8	7.5	11.3





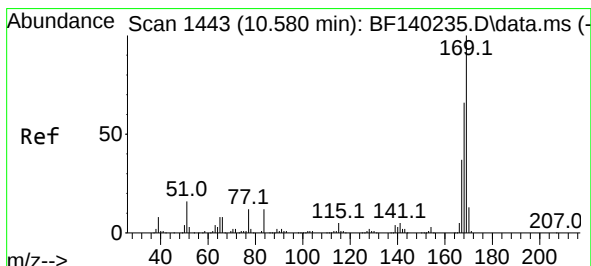
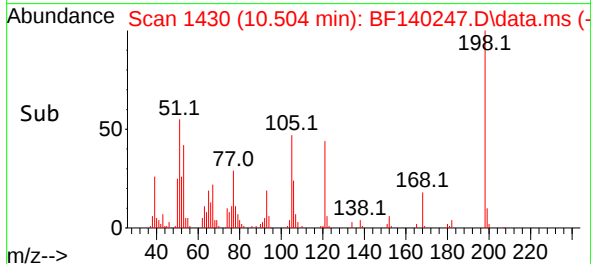
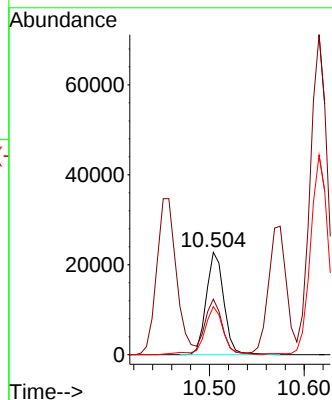
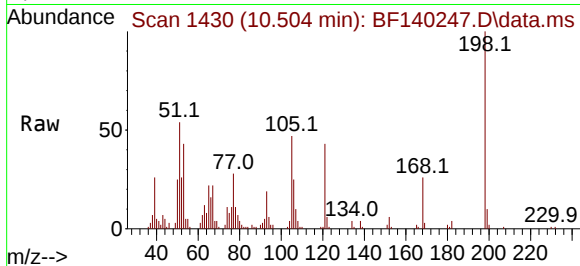
#65
4,6-Dinitro-2-methylphenol
Concen: 6.598 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:198 Resp: 2927
Ion Ratio Lower Upper
198 100
51 54.3 34.0 74.0
105 46.8 25.1 65.1

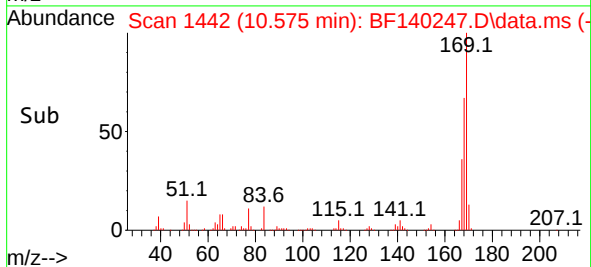
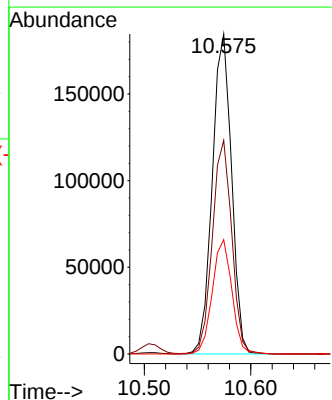
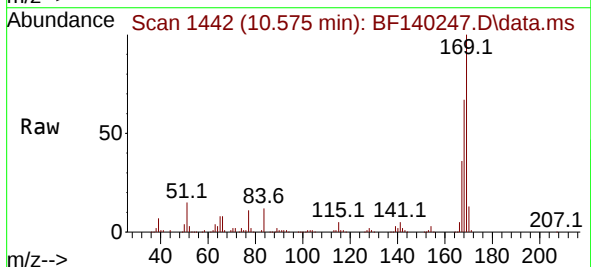
Manual Integrations
APPROVED

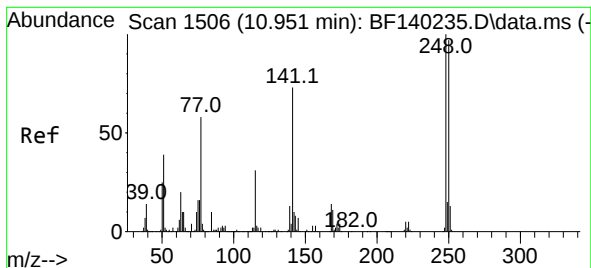
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#66
n-Nitrosodiphenylamine
Concen: 9.523 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

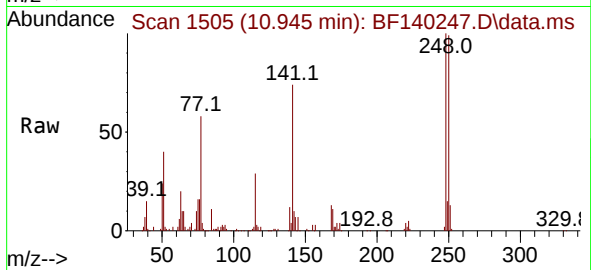
Tgt Ion:169 Resp: 231354
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.6
167 35.7 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 9.117 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

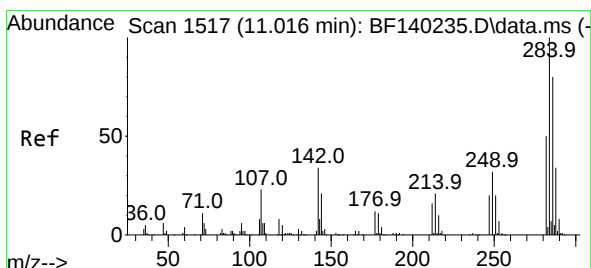
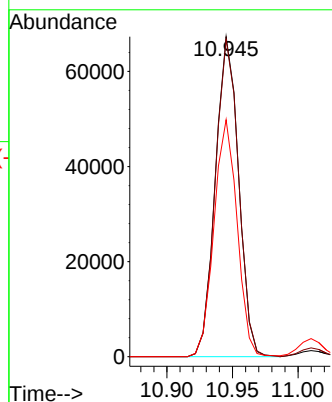
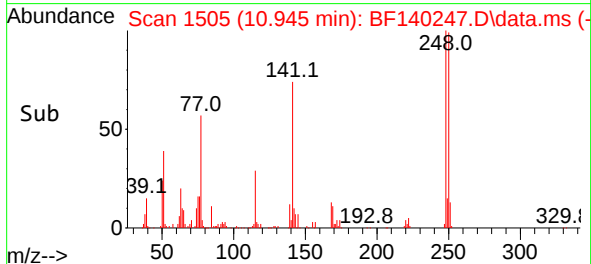
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



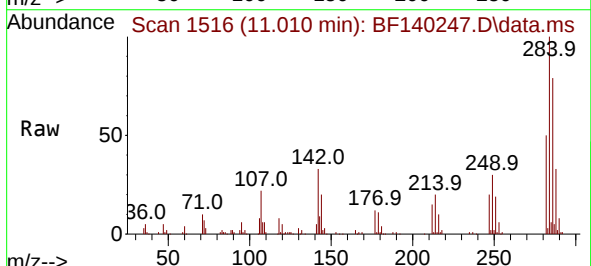
Tgt Ion:248 Resp: 82932
Ion Ratio Lower Upper
248 100
250 99.2 77.9 116.9
141 74.0 58.6 88.0

Manual Integrations
APPROVED

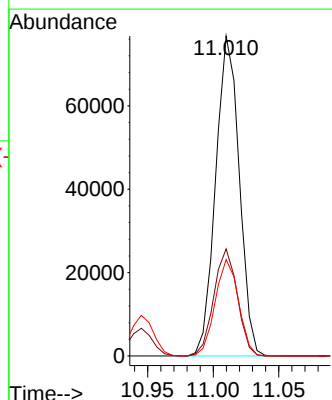
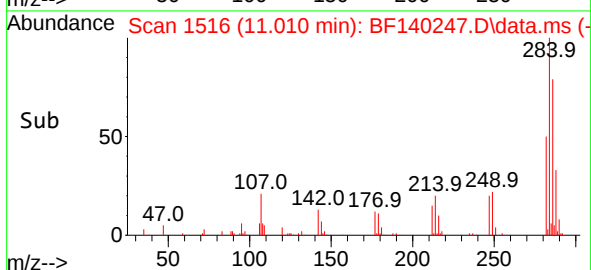
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

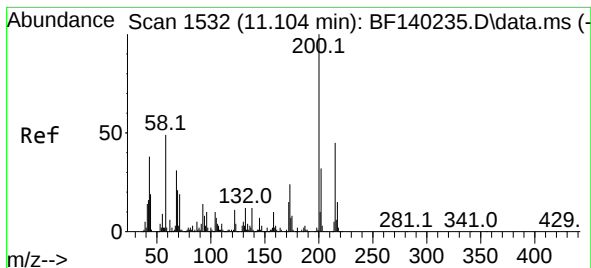


#68
Hexachlorobenzene
Concen: 9.249 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41



Tgt Ion:284 Resp: 95894
Ion Ratio Lower Upper
284 100
142 33.5 27.5 41.3
249 30.1 26.2 39.2





#69

Atrazine

Concen: 11.807 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.006 min

Lab File: BF140247.D

Acq: 05 Nov 2024 19:41

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

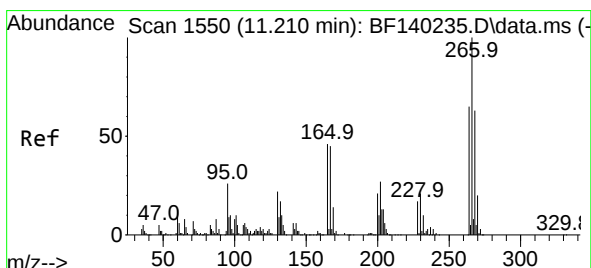
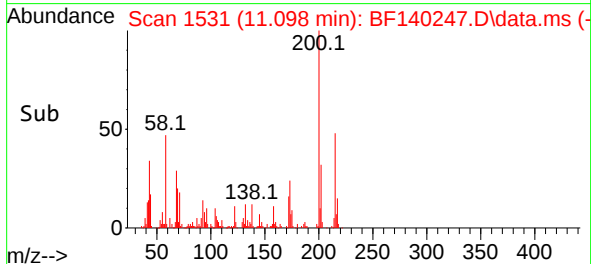
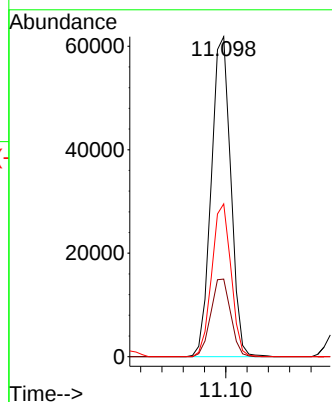
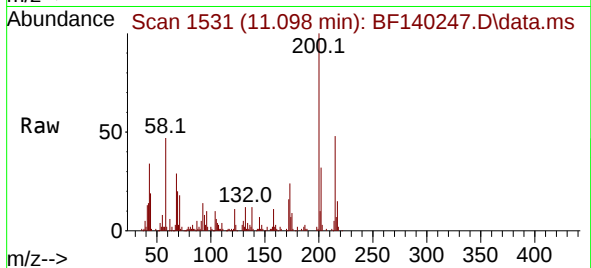
Tgt Ion:	200	Resp:	78479
Ion Ratio	Lower	Upper	
200	100		
173	24.3	4.4	44.4
215	47.7	25.2	65.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#70

Pentachlorophenol

Concen: 7.162 ng

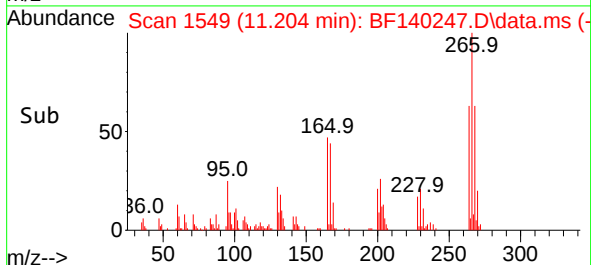
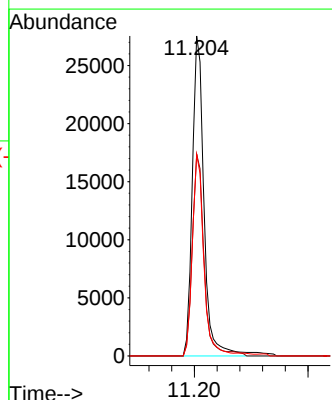
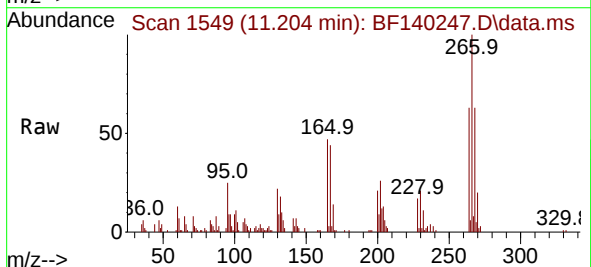
RT: 11.204 min Scan# 1549

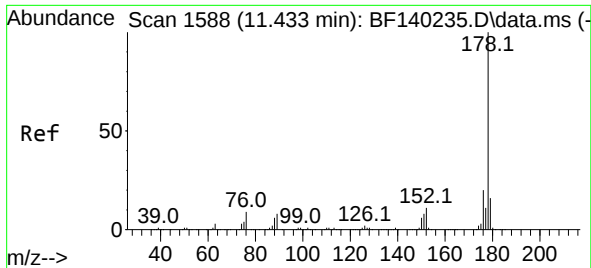
Delta R.T. -0.006 min

Lab File: BF140247.D

Acq: 05 Nov 2024 19:41

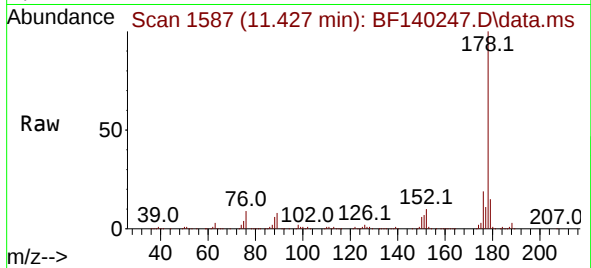
Tgt Ion:	266	Resp:	39876
Ion Ratio	Lower	Upper	
266	100		
268	63.1	50.2	75.4
264	63.0	52.2	78.4





#71
Phenanthrene
Concen: 9.748 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

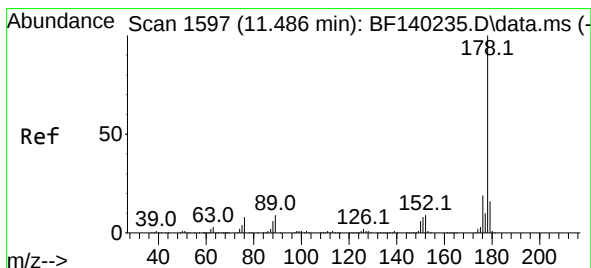
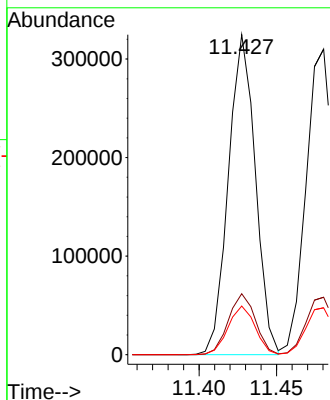
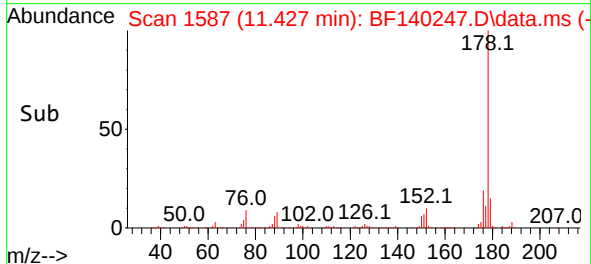
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



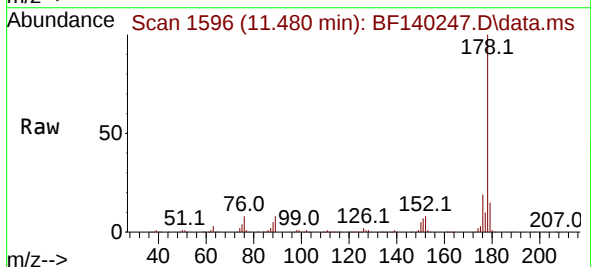
Tgt Ion:178 Resp: 39294
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 15.2 12.6 18.8

Manual Integrations
APPROVED

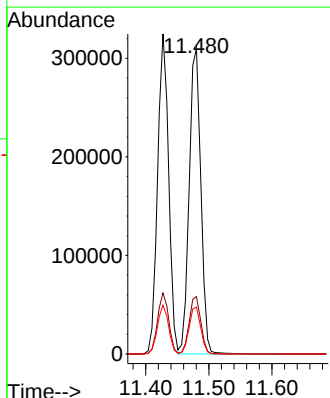
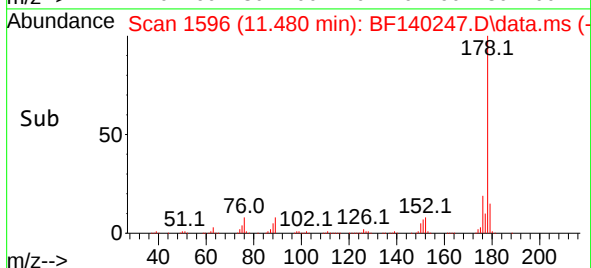
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

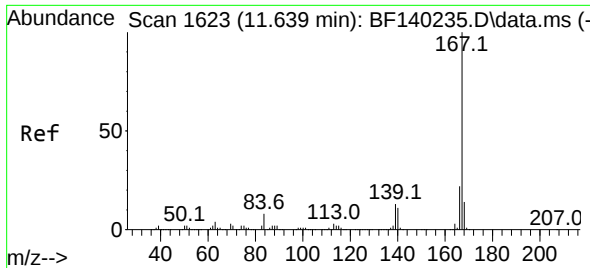


#72
Anthracene
Concen: 10.077 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41



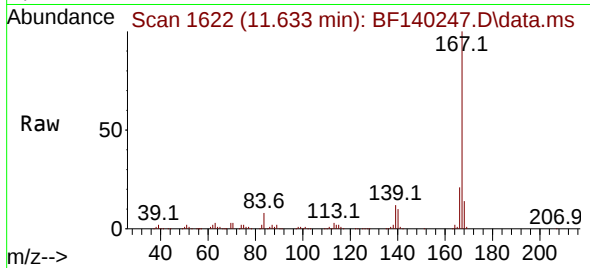
Tgt Ion:178 Resp: 398316
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.3 12.7 19.1





#73
Carbazole
Concen: 9.520 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

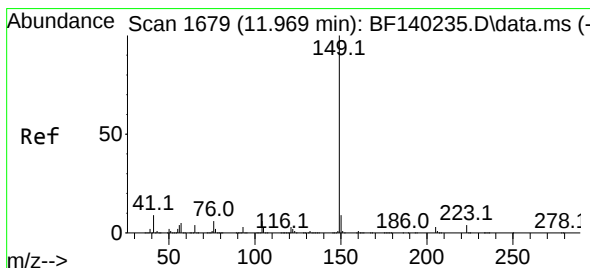
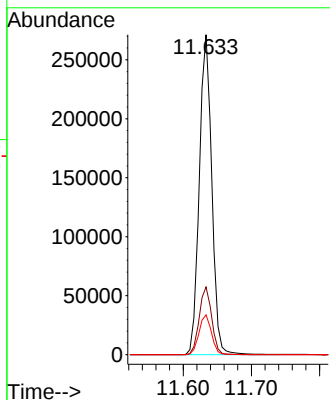
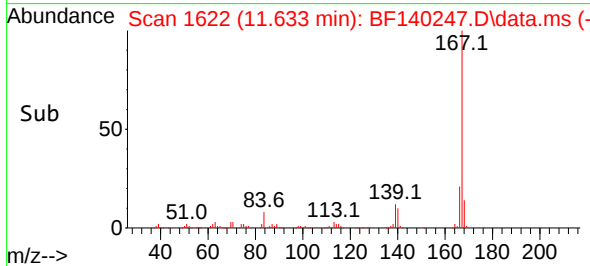
Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



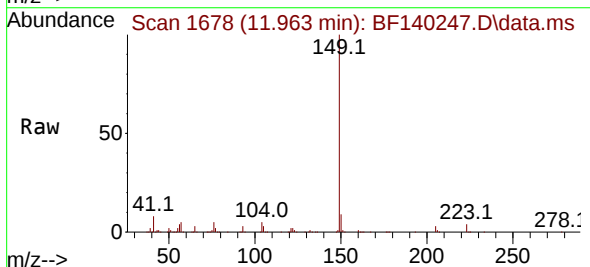
Tgt Ion:167 Resp: 343840
Ion Ratio Lower Upper
167 100
166 21.2 17.3 25.9
139 12.4 10.7 16.1

Manual Integrations
APPROVED

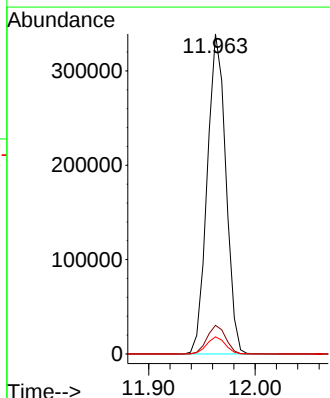
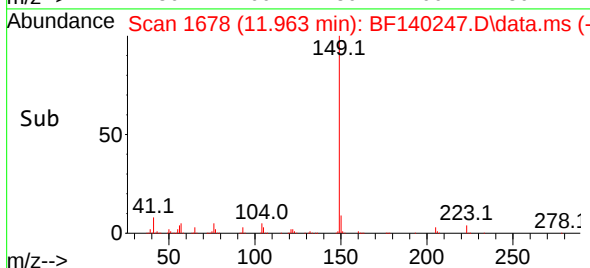
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

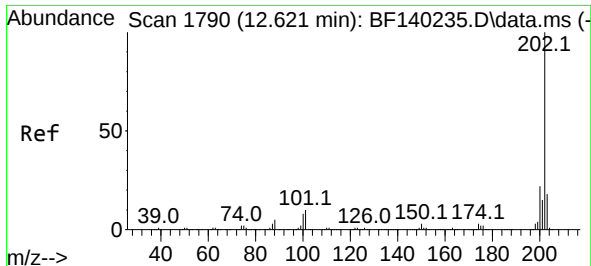


#74
Di-n-butylphthalate
Concen: 9.664 ng
RT: 11.963 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41



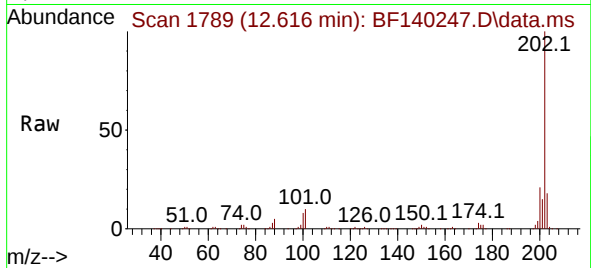
Tgt Ion:149 Resp: 413169
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.2
104 5.3 4.5 6.7





#75
Fluoranthene
Concen: 9.592 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

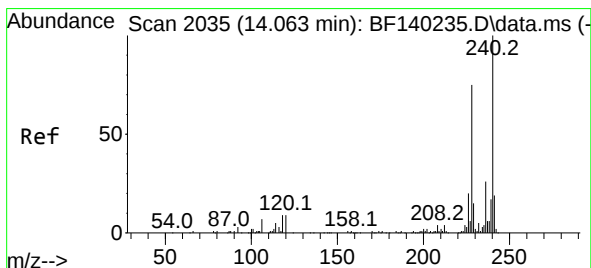
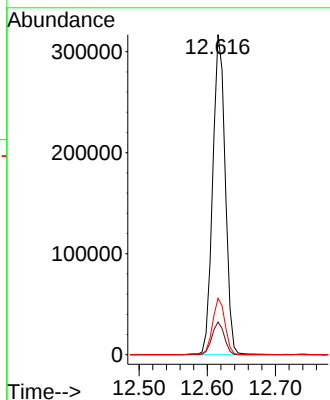
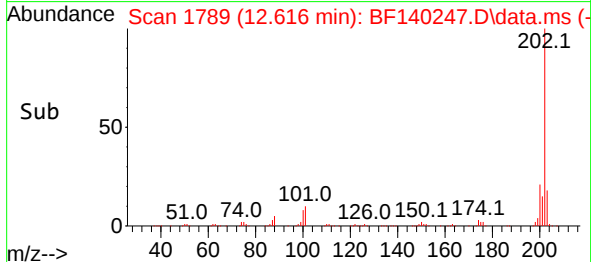
Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



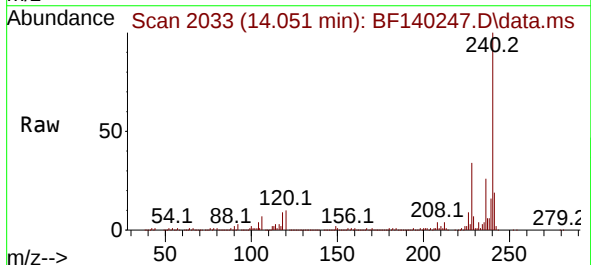
Tgt Ion:202 Resp: 404312
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.4
203 17.6 0.0 38.0

Manual Integrations
APPROVED

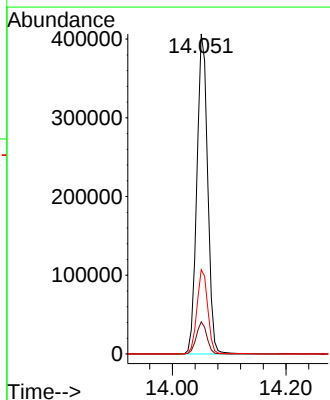
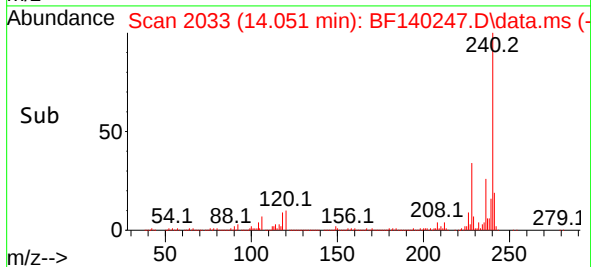
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

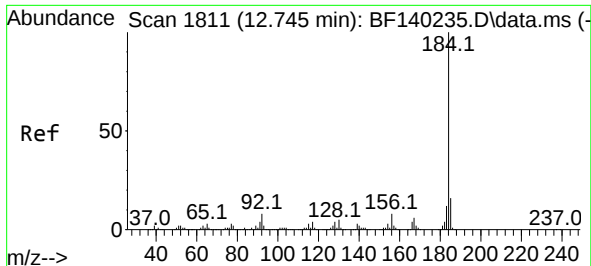


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41



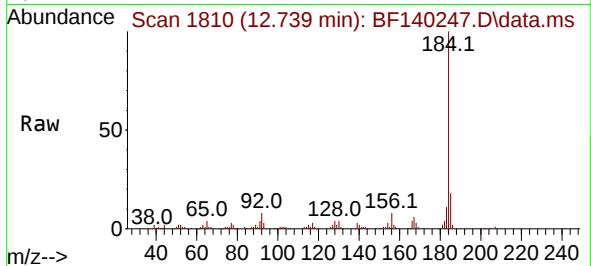
Tgt Ion:240 Resp: 539502
Ion Ratio Lower Upper
240 100
120 10.1 7.5 11.3
236 26.3 20.9 31.3





#77
Benzidine
Concen: 11.297 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

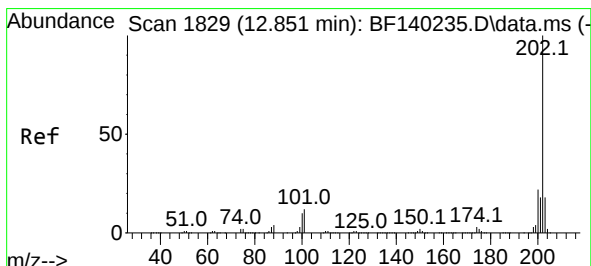
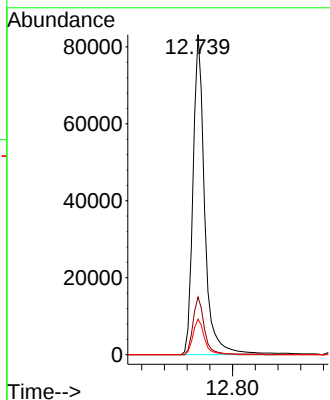
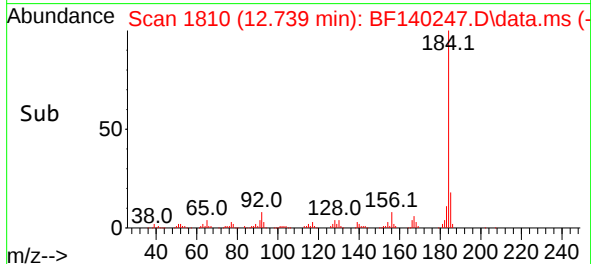
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



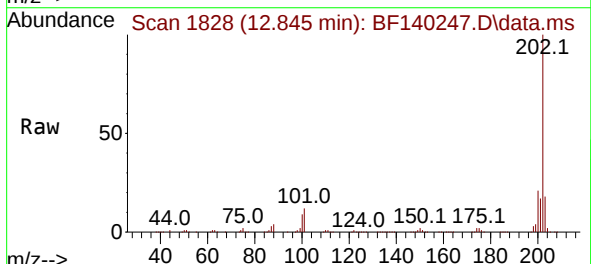
Tgt Ion:184 Resp: 119164
Ion Ratio Lower Upper
184 100
185 18.0 12.5 18.7
183 11.1 9.3 13.9

Manual Integrations
APPROVED

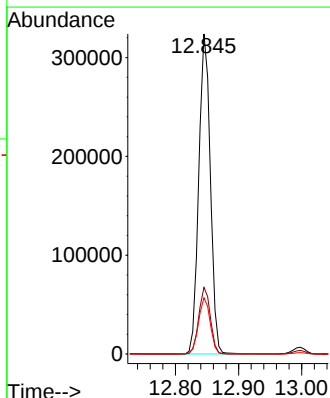
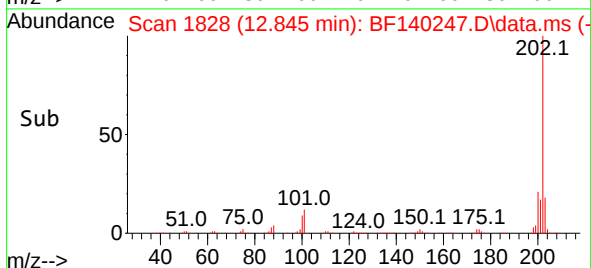
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

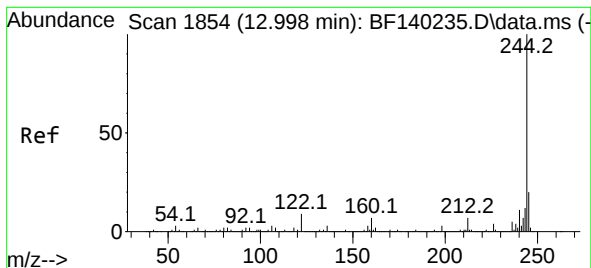


#78
Pyrene
Concen: 9.234 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41



Tgt Ion:202 Resp: 411316
Ion Ratio Lower Upper
202 100
200 20.8 17.5 26.3
203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 85.163 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140247.D

Acq: 05 Nov 2024 19:41

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:244 Resp: 2804770

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

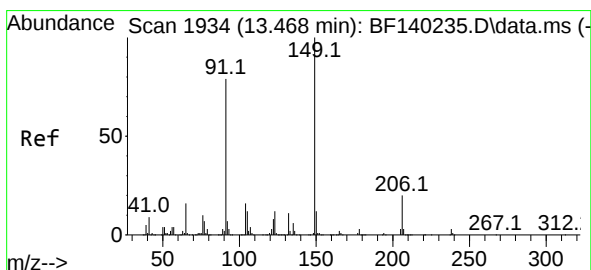
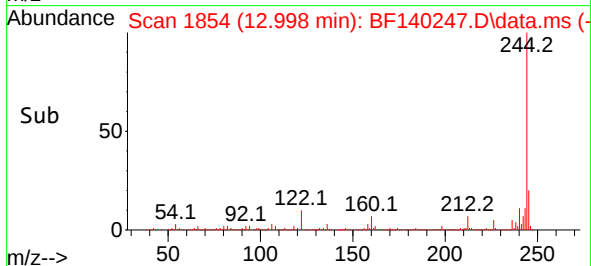
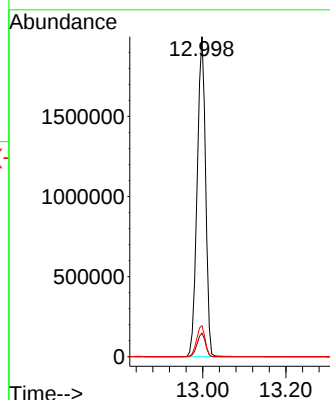
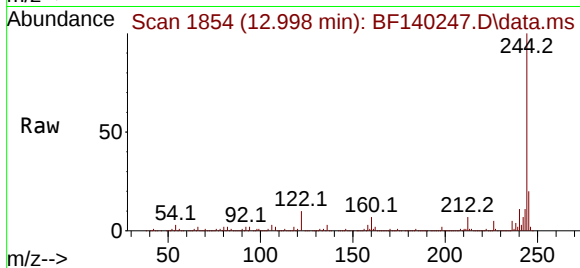
122 9.7 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#80

Butylbenzylphthalate

Concen: 9.282 ng

RT: 13.469 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BF140247.D

Acq: 05 Nov 2024 19:41

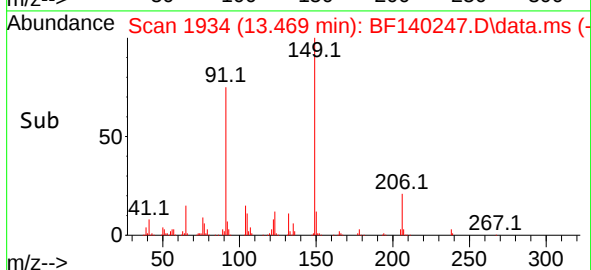
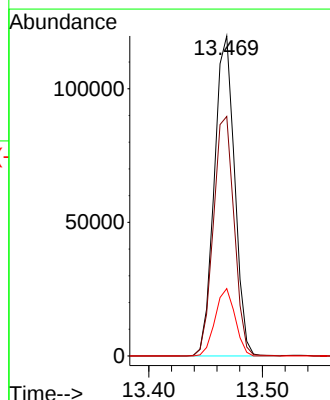
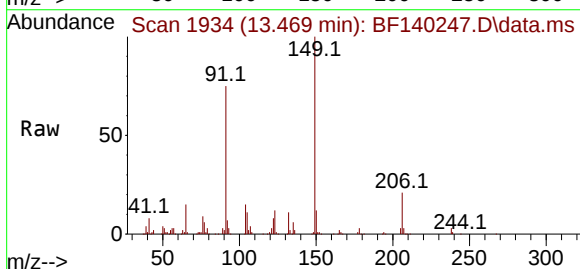
Tgt Ion:149 Resp: 148881

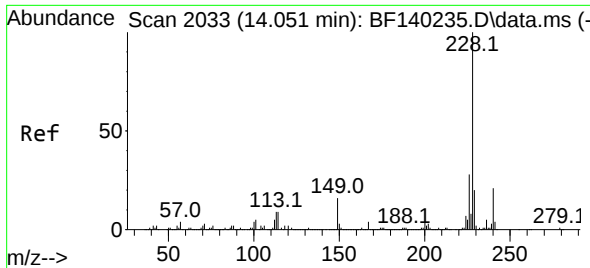
Ion Ratio Lower Upper

149 100

91 74.9 63.0 94.4

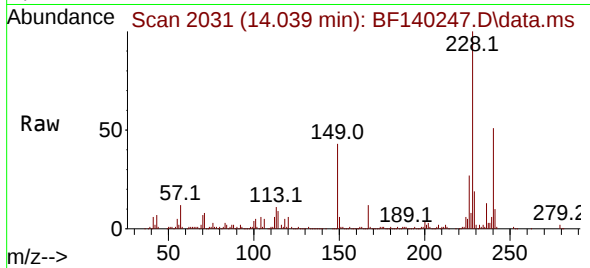
206 21.0 16.4 24.6





#81
Benzo(a)anthracene
Concen: 9.892 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

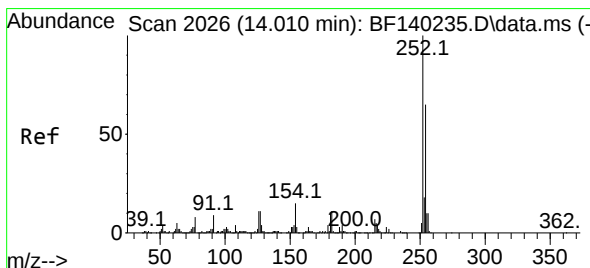
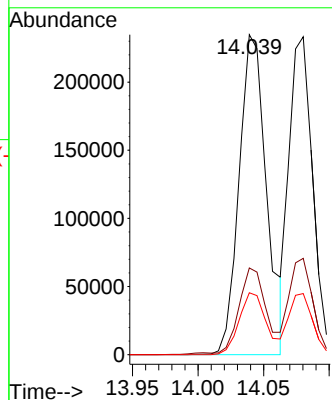
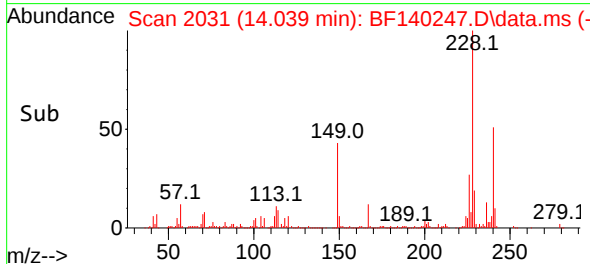
Instrument : BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



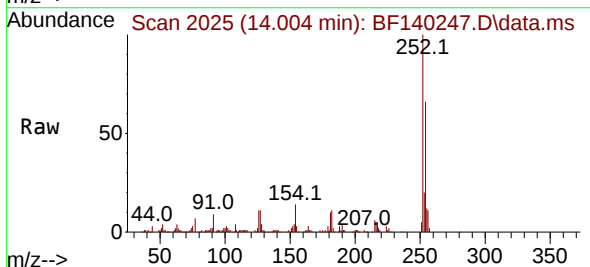
Tgt Ion:228 Resp: 34250
Ion Ratio Lower Upper
228 100
226 27.1 22.3 33.5
229 19.4 16.1 24.1

Manual Integrations
APPROVED

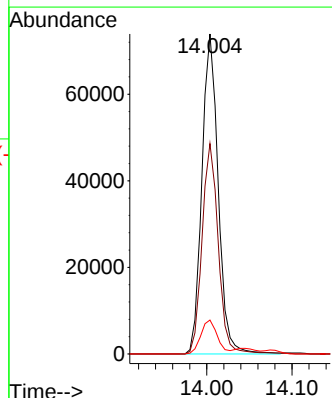
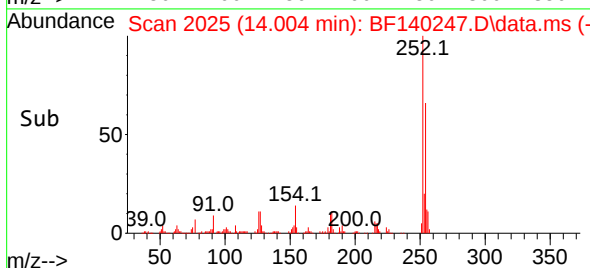
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

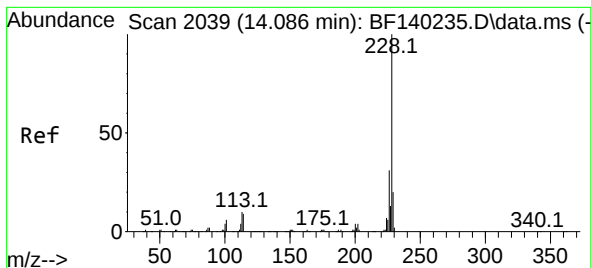


#82
3,3'-Dichlorobenzidine
Concen: 9.033 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41



Tgt Ion:252 Resp: 98211
Ion Ratio Lower Upper
252 100
254 65.8 51.8 77.8
126 10.6 8.6 12.8





#83

Chrysene

Concen: 8.991 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BF140247.D

Acq: 05 Nov 2024 19:41

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

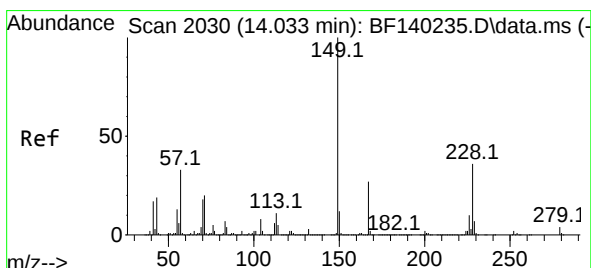
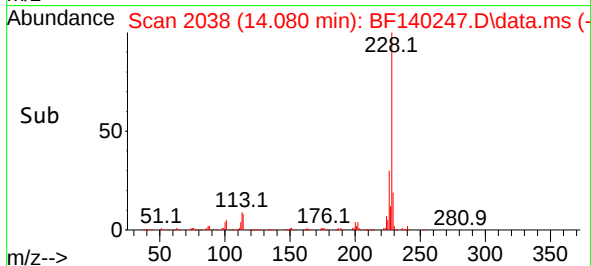
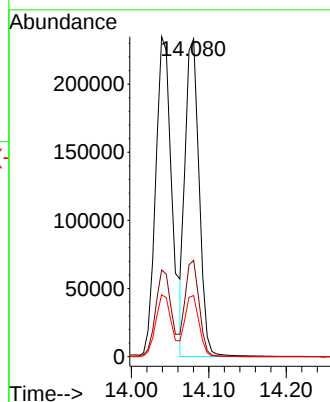
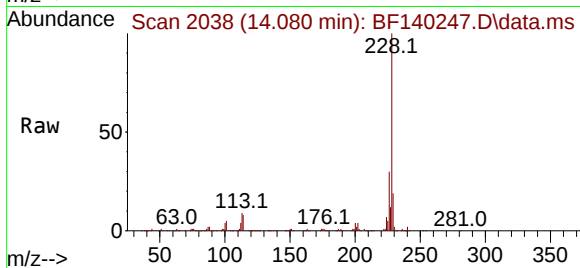
Tgt Ion:	228	Resp:	29150
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.6	36.8
229	19.2	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.302 ng

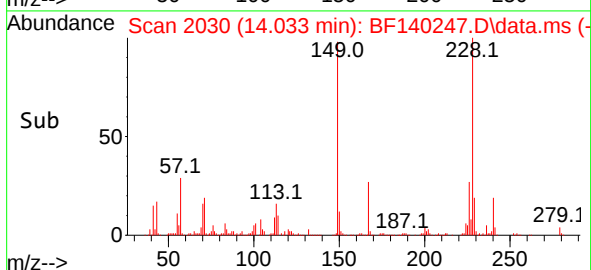
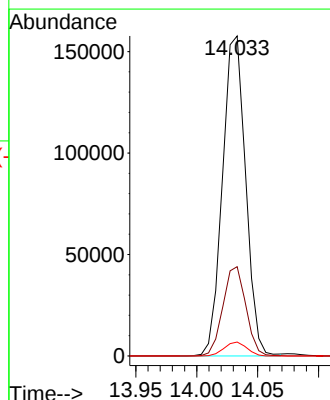
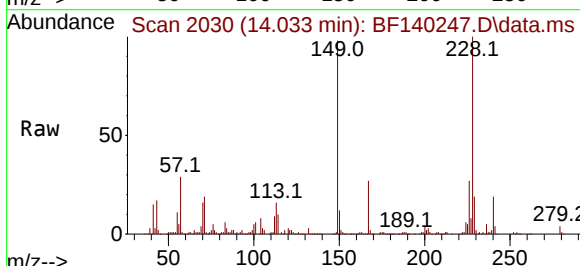
RT: 14.033 min Scan# 2030

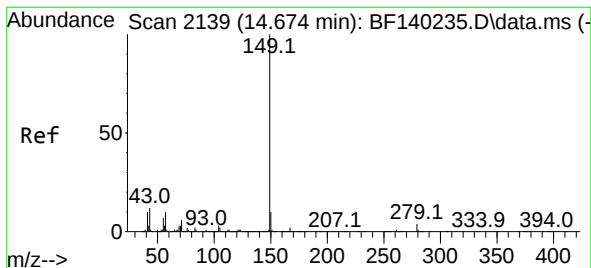
Delta R.T. 0.000 min

Lab File: BF140247.D

Acq: 05 Nov 2024 19:41

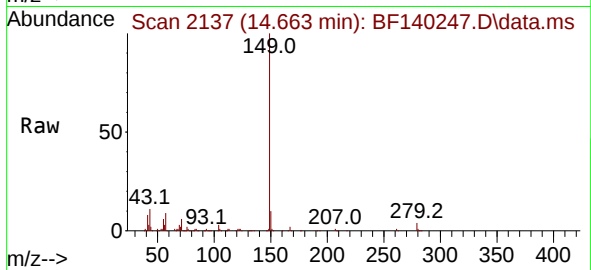
Tgt Ion:	149	Resp:	209124
Ion Ratio	Lower	Upper	
149	100		
167	27.9	21.8	32.8
279	4.4	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 9.096 ng
RT: 14.663 min Scan# 2139
Delta R.T. -0.012 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

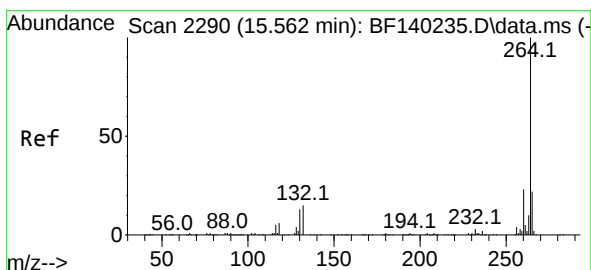
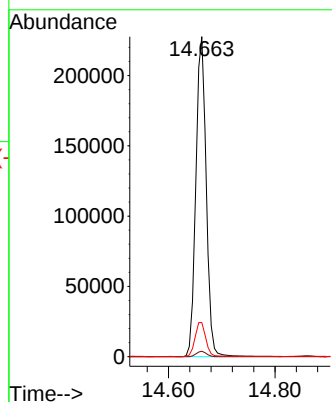
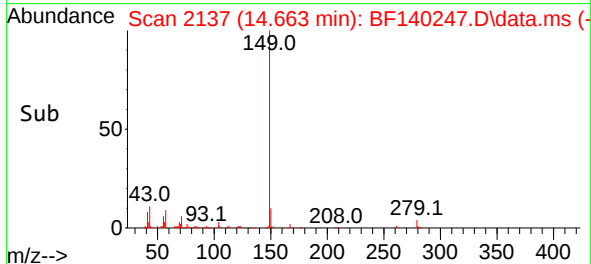
Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



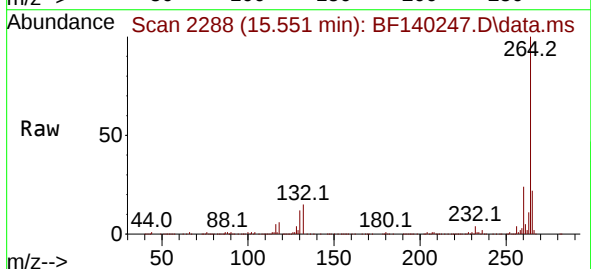
Tgt Ion:149 Resp: 30777
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.4 9.7 14.5

Manual Integrations
APPROVED

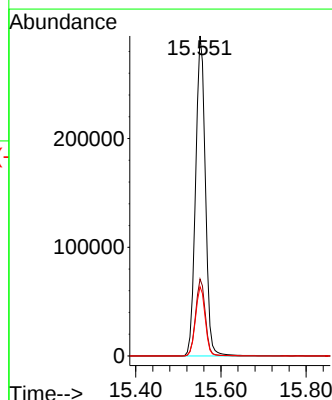
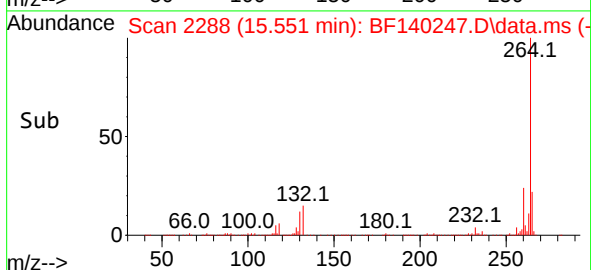
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

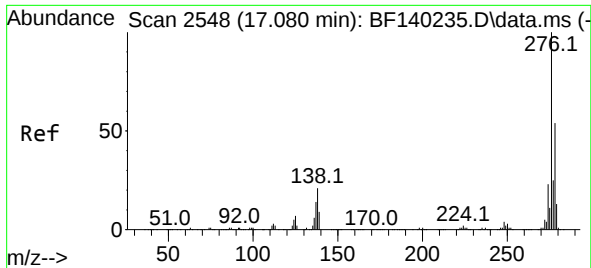


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2288
Delta R.T. -0.012 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41



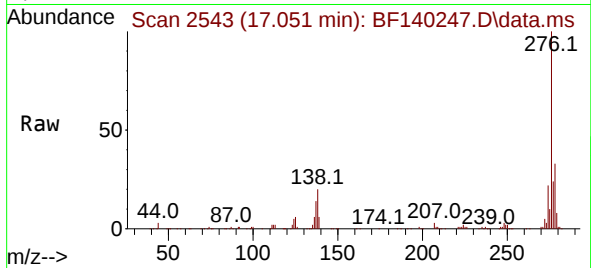
Tgt Ion:264 Resp: 469217
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.6 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 8.619 ng
RT: 17.051 min Scan# 2113
Delta R.T. -0.029 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

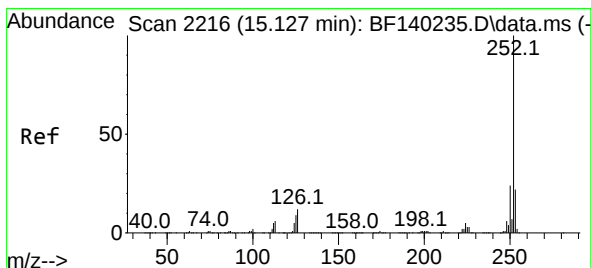
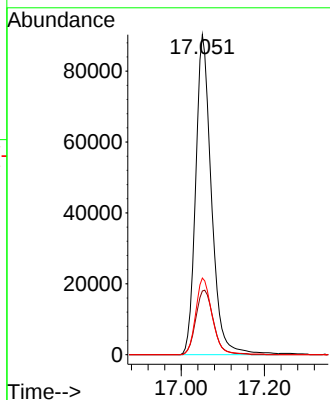
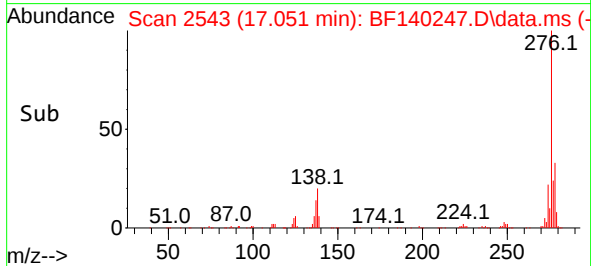
Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



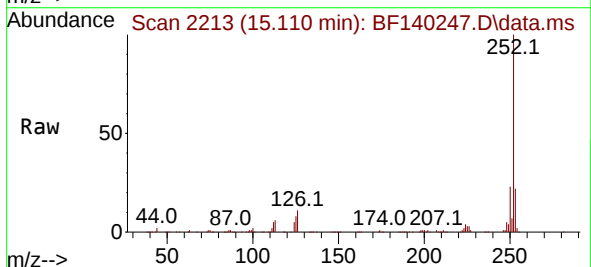
Tgt Ion: 276 Resp: 237378
Ion Ratio Lower Upper
276 100
138 22.6 17.6 26.4
277 24.8 20.2 30.2

Manual Integrations
APPROVED

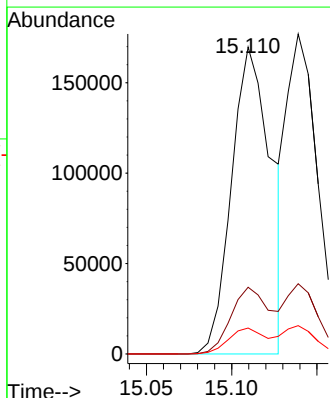
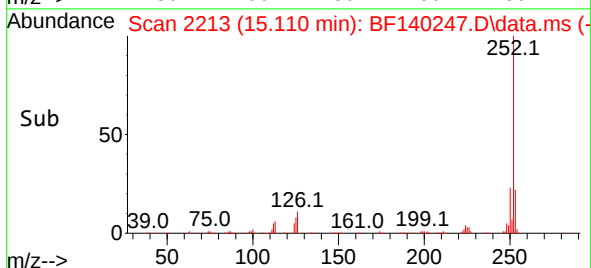
Reviewed By : Yogesh Patel 11/06/2024
Supervised By : mohammad ahmed 11/06/2024

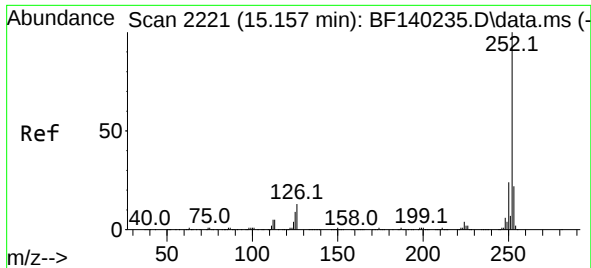


#88
Benzo(b)fluoranthene
Concen: 9.648 ng
RT: 15.110 min Scan# 2213
Delta R.T. -0.018 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41



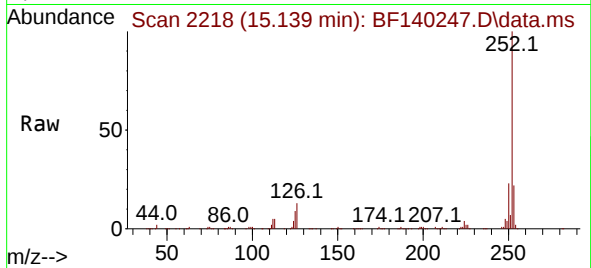
Tgt Ion: 252 Resp: 273842
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 8.4 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 8.811 ng
RT: 15.139 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

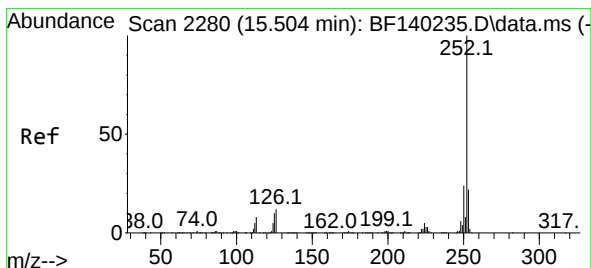
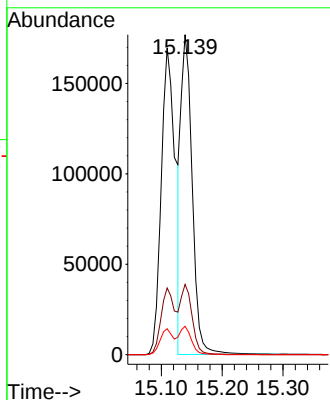
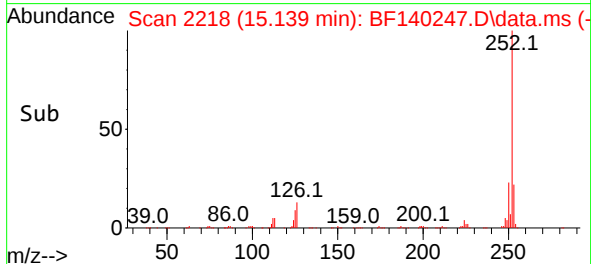
Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:252 Resp: 229469
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 8.8 7.2 10.8

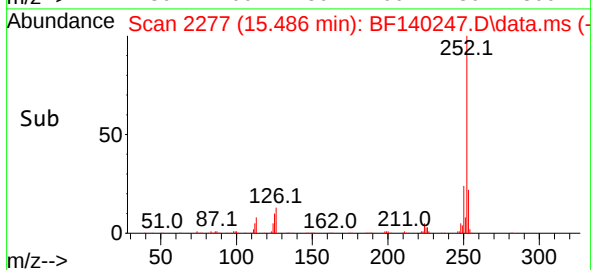
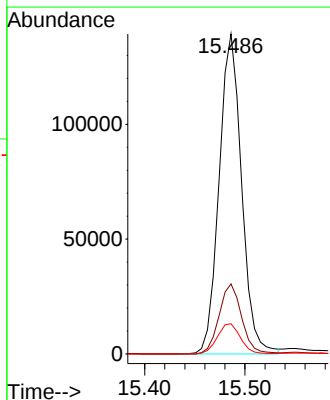
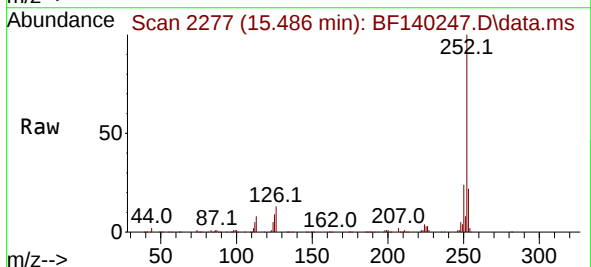
Manual Integrations
APPROVED

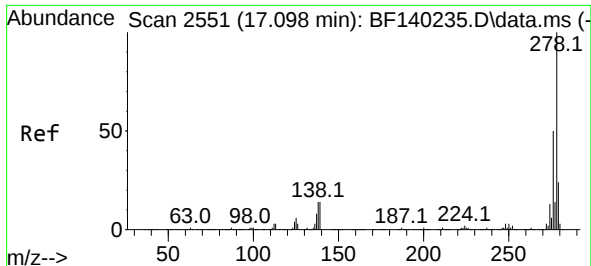
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#90
Benzo(a)pyrene
Concen: 9.269 ng
RT: 15.486 min Scan# 2277
Delta R.T. -0.018 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

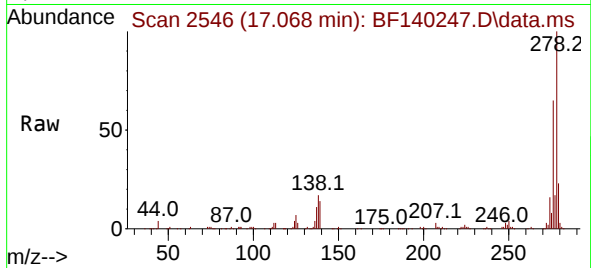
Tgt Ion:252 Resp: 216906
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.5 7.6 11.4





#91
Dibenzo(a,h)anthracene
Concen: 8.555 ng
RT: 17.068 min Scan# 2546
Delta R.T. -0.029 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41

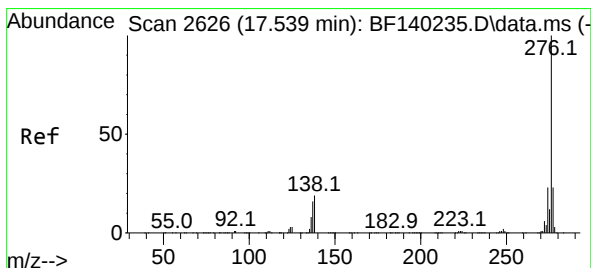
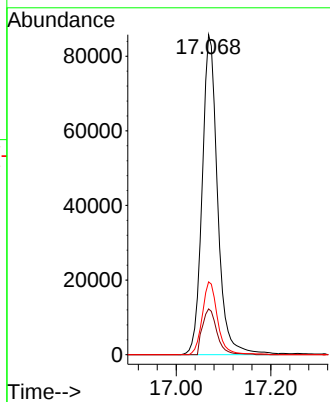
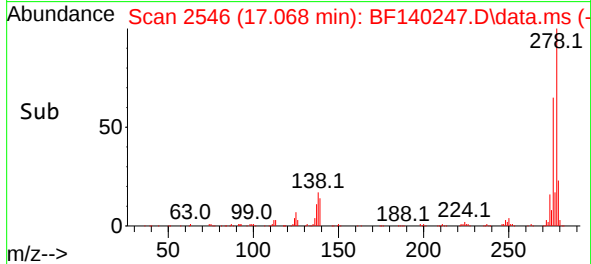
Instrument : BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



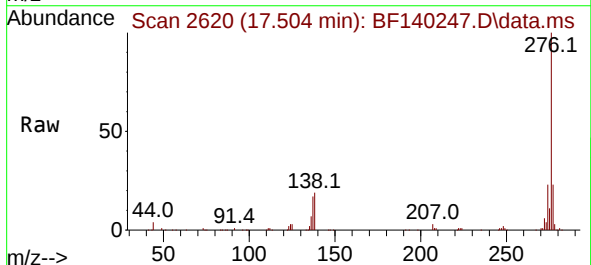
Tgt Ion:278 Resp: 19385
Ion Ratio Lower Upper
278 100
139 14.3 11.1 16.7
279 22.7 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#92
Benzo(g,h,i)perylene
Concen: 7.843 ng
RT: 17.504 min Scan# 2620
Delta R.T. -0.035 min
Lab File: BF140247.D
Acq: 05 Nov 2024 19:41



Tgt Ion:276 Resp: 181308
Ion Ratio Lower Upper
276 100
277 23.0 18.8 28.2
138 18.7 15.3 22.9

