

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
 Data File : BF139254.D
 Acq On : 05 Sep 2024 11:03
 Operator : RC/JU
 Sample : P2403-02
 Misc : LOQ-SOIL-10 ng
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Sep 05 11:33:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	107355	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	402231	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	218783	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	401393	20.000	ng	0.00
76) Chrysene-d12	14.051	240	201445	20.000	ng	0.00
86) Perylene-d12	15.521	264	182497	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	720538	112.278	ng	0.00
7) Phenol-d6	6.510	99	951265	111.036	ng	0.00
23) Nitrobenzene-d5	7.451	82	619112	80.073	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	208244	110.227	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1126980	79.515	ng	0.00
79) Terphenyl-d14	12.998	244	999088	80.077	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	29941	10.019	ng	98
3) Pyridine	3.452	79	67095	9.301	ng	98
4) n-Nitrosodimethylamine	3.369	42	44417	9.482	ng	98
6) Aniline	6.551	93	95873	12.170	ng	99
8) 2-Chlorophenol	6.669	128	68525	10.303	ng	88
9) Benzaldehyde	6.440	77	62344	12.022	ng	100
10) Phenol	6.522	94	94651	10.474	ng	# 78
11) bis(2-Chloroethyl)ether	6.622	93	68088	10.517	ng	99
12) 1,3-Dichlorobenzene	6.828	146	75699	10.056	ng	99
13) 1,4-Dichlorobenzene	6.904	146	76829	10.196	ng	98
14) 1,2-Dichlorobenzene	7.057	146	71749	10.210	ng	98
15) Benzyl Alcohol	7.022	79	72828	11.657	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	132588	10.758	ng	100
17) 2-Methylphenol	7.128	107	52988	9.753	ng	96
18) Hexachloroethane	7.398	117	26436	9.823	ng	94
19) n-Nitroso-di-n-propyla...	7.292	70	52085	10.556	ng	98
20) 3+4-Methylphenols	7.287	107	71801	10.487	ng	# 86
22) Acetophenone	7.292	105	100655	10.504	ng	95
24) Nitrobenzene	7.469	77	80270	9.781	ng	99
25) Isophorone	7.698	82	134973	10.211	ng	98
26) 2-Nitrophenol	7.781	139	30530	9.472	ng	99
27) 2,4-Dimethylphenol	7.816	122	46102	10.029	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	79739	10.125	ng	98
29) 2,4-Dichlorophenol	8.022	162	56506	10.266	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	62277	9.907	ng	99
31) Naphthalene	8.192	128	207939	10.208	ng	99
32) Benzoic acid	7.875	122	30880	7.375	ng	99
33) 4-Chloroaniline	8.239	127	76880	10.900	ng	98
34) Hexachlorobutadiene	8.310	225	37059	9.304	ng	100
35) Caprolactam	8.569	113	15704	9.216	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	59097	9.853	ng	96
37) 2-Methylnaphthalene	8.881	142	129670	10.175	ng	98
38) 1-Methylnaphthalene	8.981	142	120237	9.593	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	64985	10.498	ng	96
41) Hexachlorocyclopentadiene	9.034	237	19853	9.980	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	38351	9.469	ng	98

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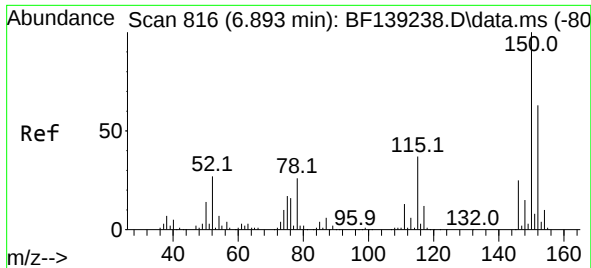
Quant Time: Sep 05 11:33:10 2024
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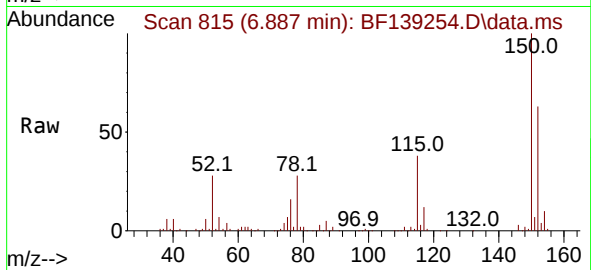
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	42280	9.962	ng	99
46) 1,1'-Biphenyl	9.345	154	169880	10.480	ng	100
47) 2-Chloronaphthalene	9.369	162	121701	9.943	ng	99
48) 2-Nitroaniline	9.463	65	40504	9.608	ng	99
49) Acenaphthylene	9.786	152	199824	10.839	ng	99
50) Dimethylphthalate	9.639	163	136629	10.303	ng	100
51) 2,6-Dinitrotoluene	9.704	165	28250	9.391	ng	97
52) Acenaphthene	9.957	154	119230	9.751	ng	96
53) 3-Nitroaniline	9.869	138	31473	9.819	ng	93
54) 2,4-Dinitrophenol	9.975	184	5765	10.839	ng	# 37
55) Dibenzofuran	10.128	168	183757	10.482	ng	97
56) 4-Nitrophenol	10.022	139	19287	8.153	ng	97
57) 2,4-Dinitrotoluene	10.104	165	35685	9.320	ng	95
58) Fluorene	10.469	166	141115	10.383	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	33439m	10.009	ng	
60) Diethylphthalate	10.345	149	130434	9.995	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	67418	10.286	ng	100
62) 4-Nitroaniline	10.475	138	29049	9.521	ng	95
63) Azobenzene	10.628	77	140067	10.184	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	9920	5.349	ng	99
66) n-Nitrosodiphenylamine	10.581	169	119471	10.225	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	38822	9.968	ng	95
68) Hexachlorobenzene	11.016	284	43671	9.795	ng	99
69) Atrazine	11.104	200	33100	12.279	ng	98
70) Pentachlorophenol	11.210	266	20271	7.871	ng	94
71) Phenanthrene	11.433	178	197446	10.530	ng	100
72) Anthracene	11.486	178	192377	10.502	ng	99
73) Carbazole	11.639	167	174759	10.208	ng	98
74) Di-n-butylphthalate	11.975	149	180318	10.287	ng	98
75) Fluoranthene	12.622	202	194210	10.331	ng	99
77) Benzidine	12.745	184	50671	12.492	ng	99
78) Pyrene	12.851	202	198239	10.187	ng	100
80) Butylbenzylphthalate	13.474	149	42964	9.379	ng	98
81) Benzo(a)anthracene	14.039	228	132108	10.270	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	35957	10.526	ng	98
83) Chrysene	14.074	228	122429	10.198	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	48454	9.012	ng	100
85) Di-n-octyl phthalate	14.651	149	71897	6.984	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	85656	7.513	ng	98
88) Benzo(b)fluoranthene	15.092	252	103436	9.842	ng	99
89) Benzo(k)fluoranthene	15.116	252	98264	10.428	ng	98
90) Benzo(a)pyrene	15.457	252	92289	10.341	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	67277	7.161	ng	96
92) Benzo(g,h,i)perylene	17.445	276	65644	6.769	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

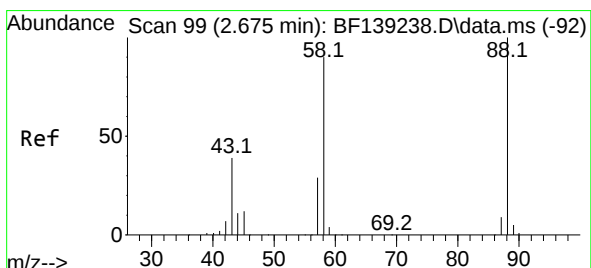
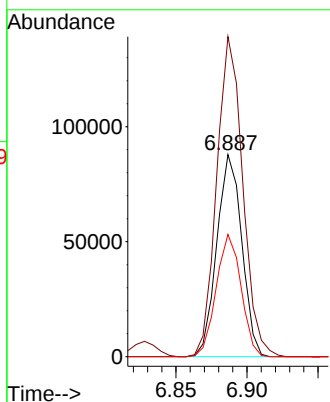
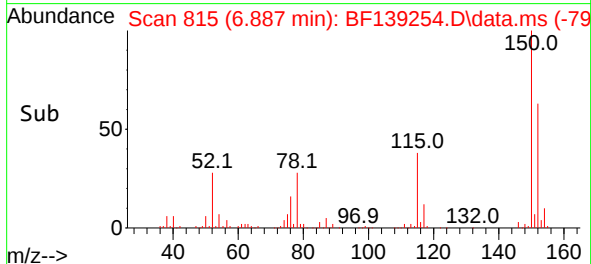
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:152 Resp: 10735
Ion Ratio Lower Upper
152 100
150 158.4 127.0 190.4
115 60.5 46.9 70.3

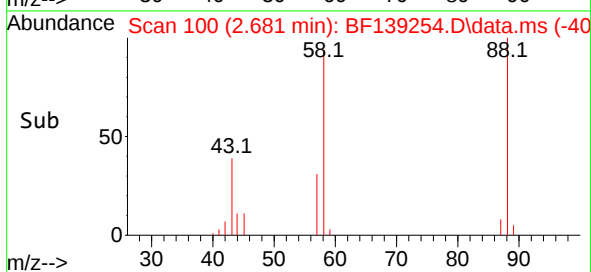
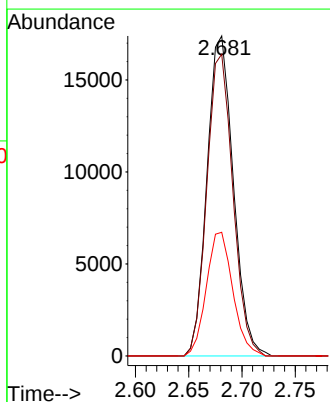
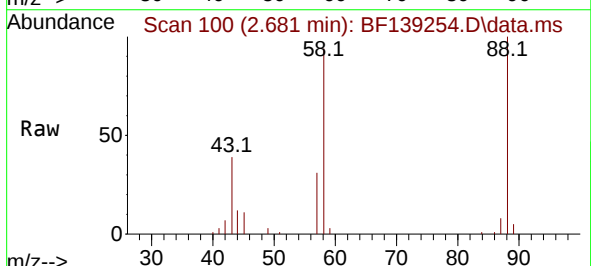
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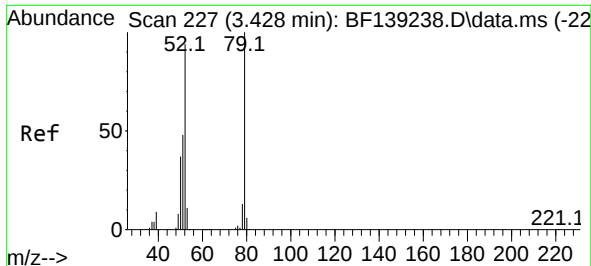
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#2
1,4-Dioxane
Concen: 10.019 ng
RT: 2.681 min Scan# 100
Delta R.T. 0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

Tgt Ion: 88 Resp: 29941
Ion Ratio Lower Upper
88 100
58 93.0 72.5 108.7
43 38.8 31.4 47.2





#3

Pyridine

Concen: 9.301 ng

RT: 3.452 min Scan# 217

Delta R.T. 0.023 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

Instrument :

BNA_F

ClientSampleId :

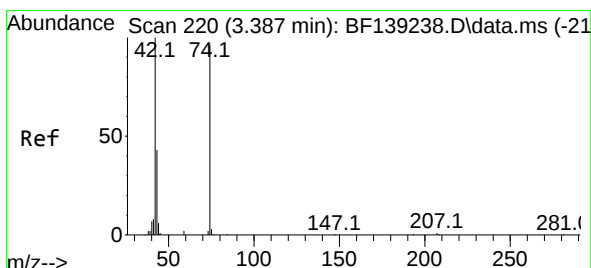
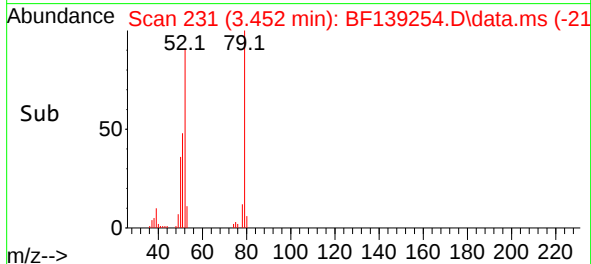
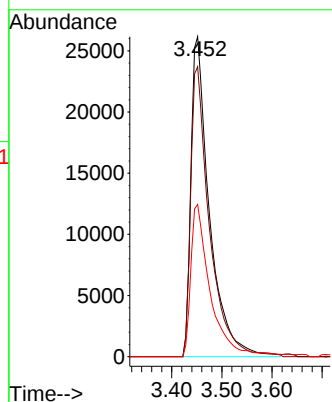
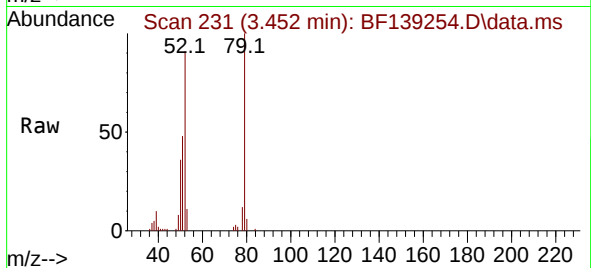
LOQ-SOIL-02-QT2-2024

Tgt Ion: 79	Resp: 6709
Ion Ratio	Lower Upper
79	100
52	90.6 75.3 112.9
51	47.5 38.2 57.2

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Supervised By :mohammad ahmed 09/07/2024



#4

n-Nitrosodimethylamine

Concen: 9.482 ng

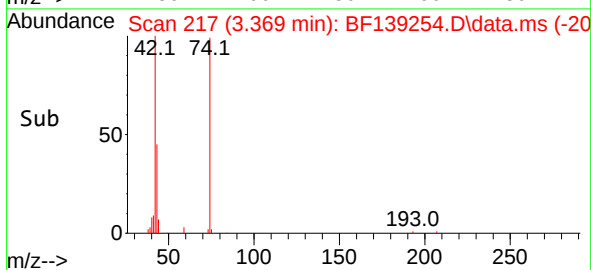
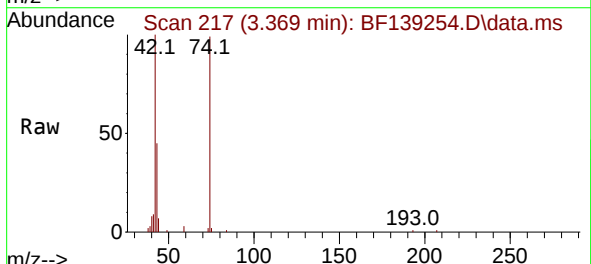
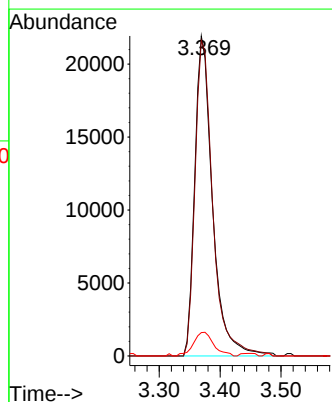
RT: 3.369 min Scan# 217

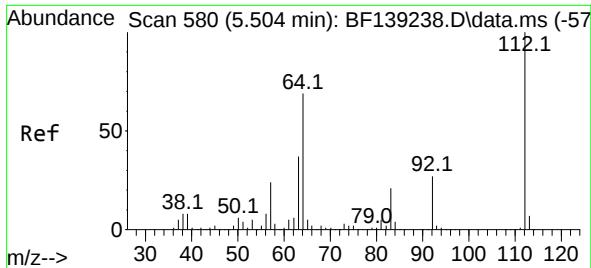
Delta R.T. -0.018 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

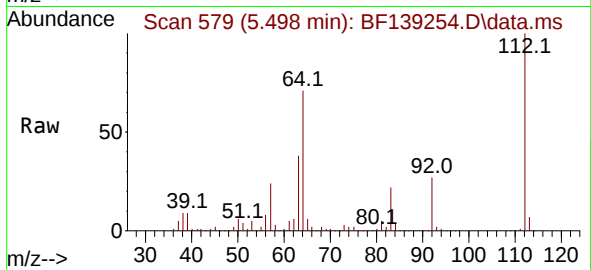
Tgt Ion: 42	Resp: 44417
Ion Ratio	Lower Upper
42	100
74	98.6 77.2 115.8
44	7.3 5.1 7.7





#5
 2-Fluorophenol
 Concen: 112.278 ng
 RT: 5.498 min Scan# 512
 Delta R.T. -0.006 min
 Lab File: BF139254.D
 Acq: 05 Sep 2024 11:03

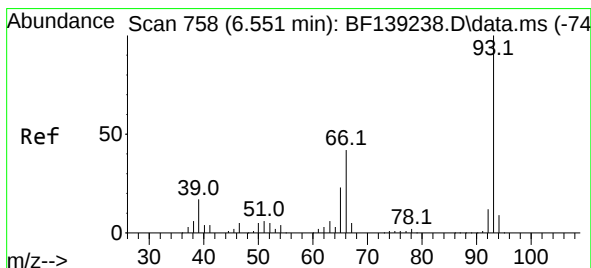
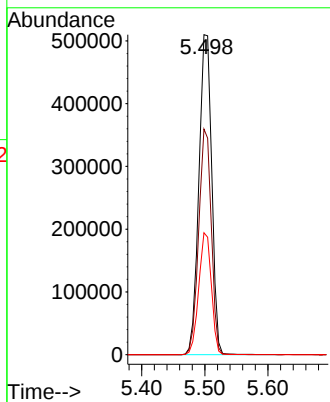
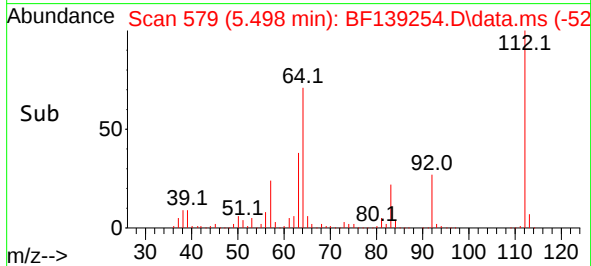
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024



Tgt Ion: 112 Resp: 720538
 Ion Ratio Lower Upper
 112 100
 64 70.5 55.0 82.4
 63 38.1 29.9 44.9

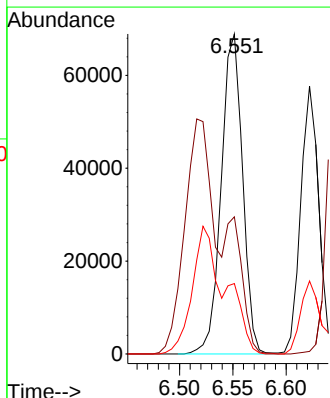
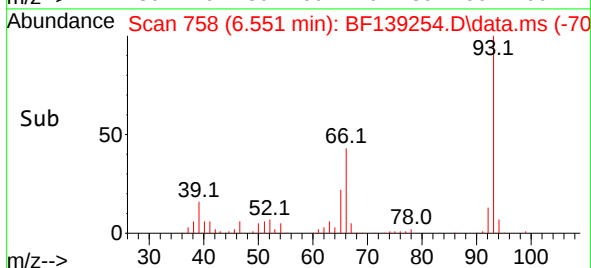
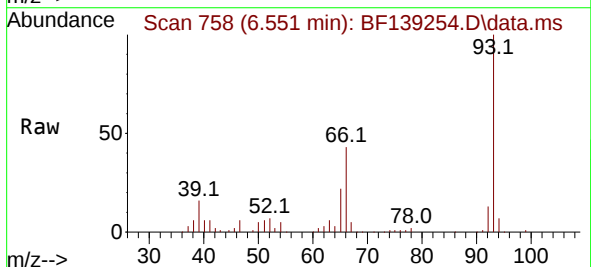
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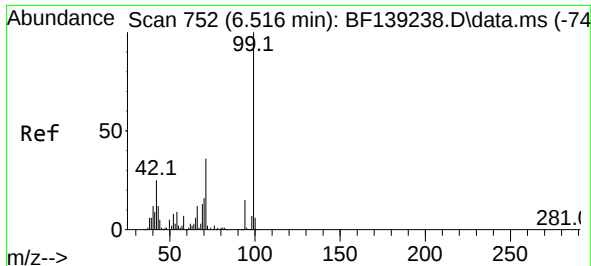
Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024



#6
 Aniline
 Concen: 12.170 ng
 RT: 6.551 min Scan# 758
 Delta R.T. -0.000 min
 Lab File: BF139254.D
 Acq: 05 Sep 2024 11:03

Tgt Ion: 93 Resp: 95873
 Ion Ratio Lower Upper
 93 100
 66 42.9 34.4 51.6
 65 22.0 18.2 27.4





#7

Phenol-d6

Concen: 111.036 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

Instrument :

BNA_F

ClientSampleId :

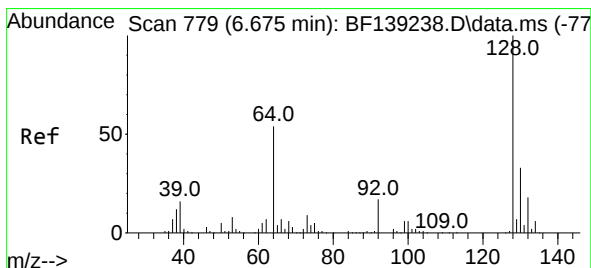
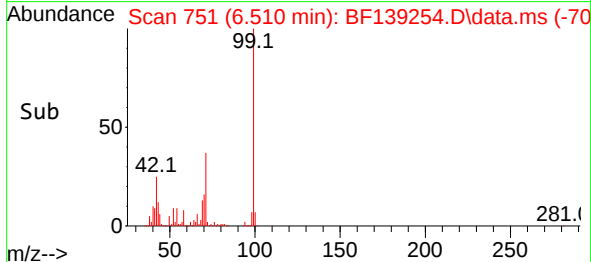
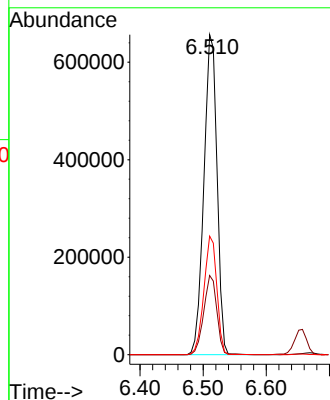
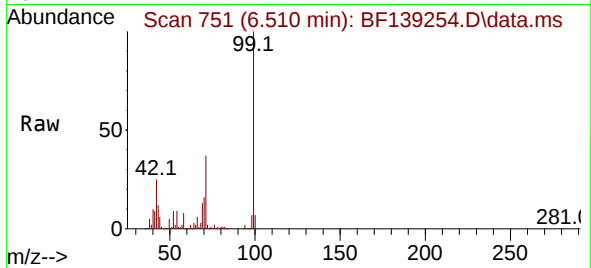
LOQ-SOIL-02-QT2-2024

Tgt Ion: 99	Resp: 95126
Ion Ratio	Lower Upper
99 100	
42 24.7	19.8 29.6
71 37.0	28.8 43.2

Manual Integrations

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#8

2-Chlorophenol

Concen: 10.303 ng

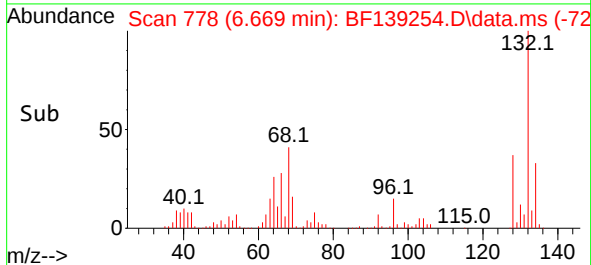
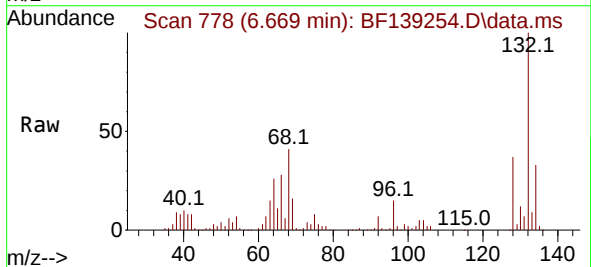
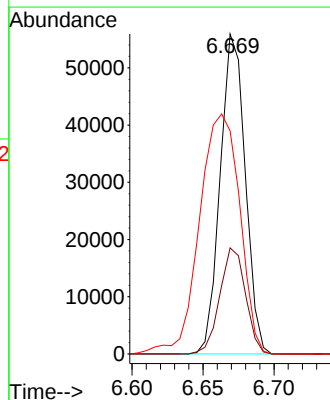
RT: 6.669 min Scan# 778

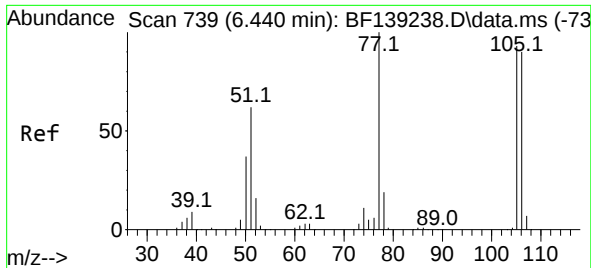
Delta R.T. -0.006 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

Tgt Ion:128	Resp: 68525
Ion Ratio	Lower Upper
128 100	
130 33.2	12.7 52.7
64 69.7	36.6 76.6





#9

Benzaldehyde

Concen: 12.022 ng

RT: 6.440 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

Instrument :

BNA_F

ClientSampleId :

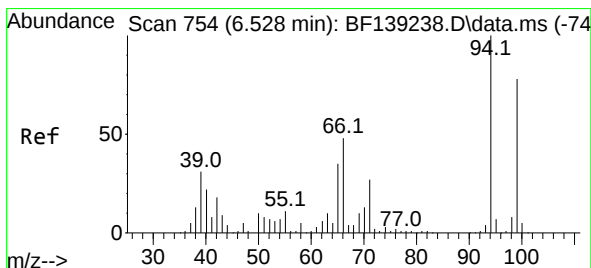
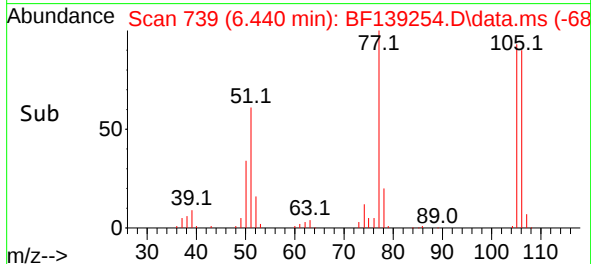
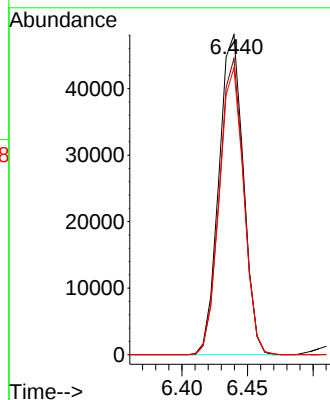
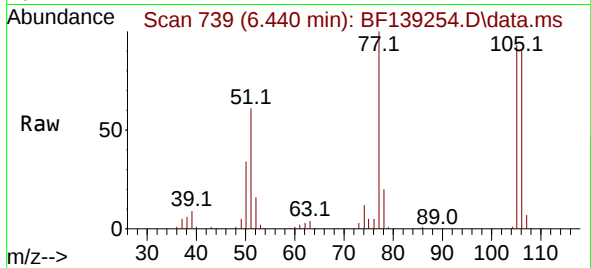
LOQ-SOIL-02-QT2-2024

Tgt Ion: 77	Resp: 6234
Ion Ratio	Lower Upper
77 100	
105 92.5	72.9 112.9
106 89.7	69.6 109.6

Manual Integrations

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#10

Phenol

Concen: 10.474 ng

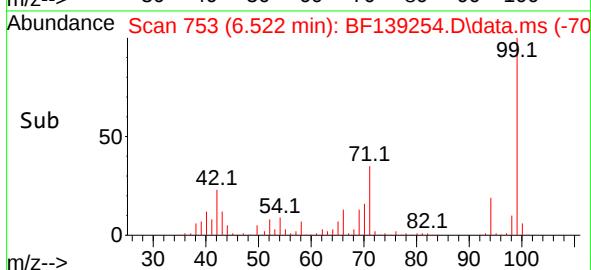
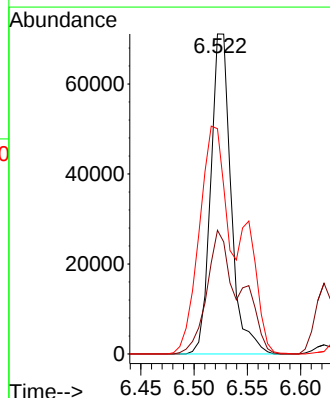
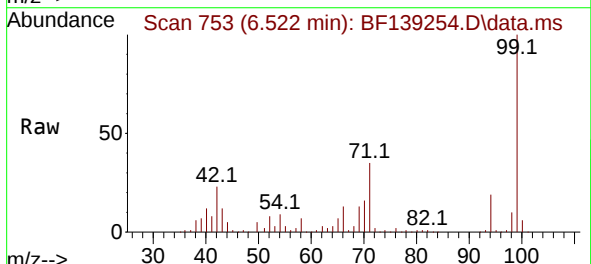
RT: 6.522 min Scan# 753

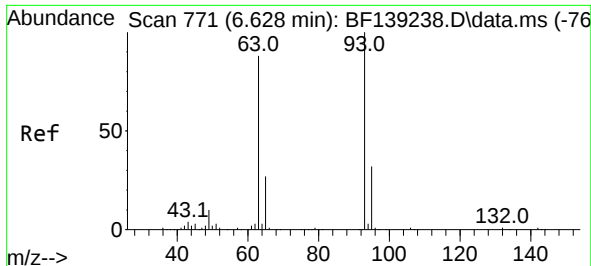
Delta R.T. -0.006 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

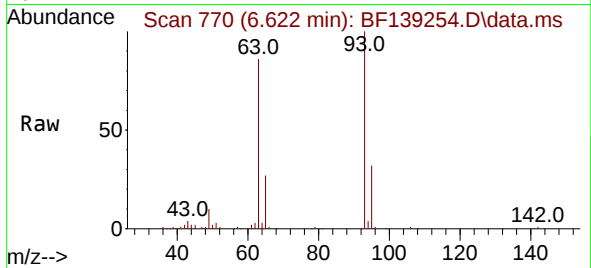
Tgt Ion: 94	Resp: 94651
Ion Ratio	Lower Upper
94 100	
65 38.7	14.7 54.7
66 70.4	28.5 68.5





#11
bis(2-Chloroethyl)ether
Concen: 10.517 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

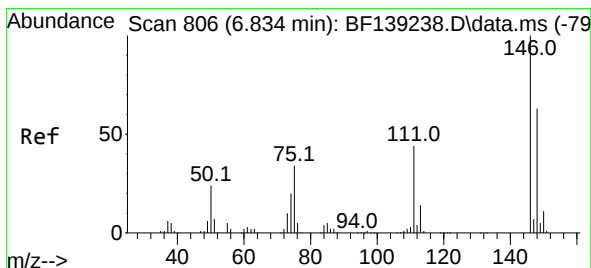
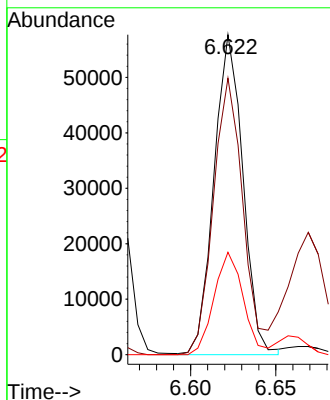
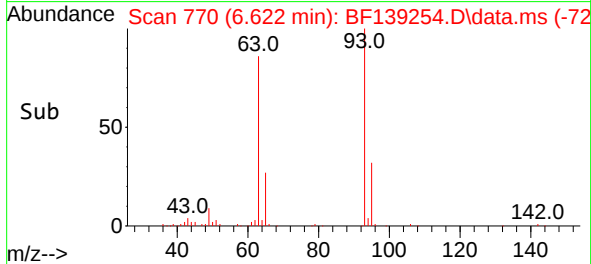
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



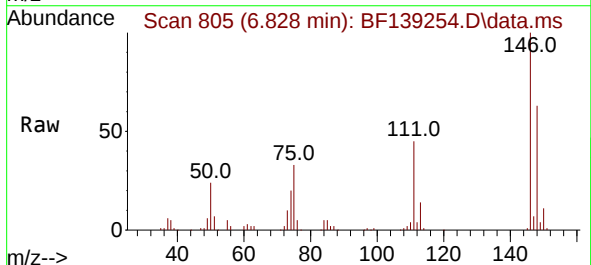
Tgt Ion: 93 Resp: 6808
Ion Ratio Lower Upper
93 100
63 86.4 67.1 107.1
95 32.0 12.2 52.2

Manual Integrations
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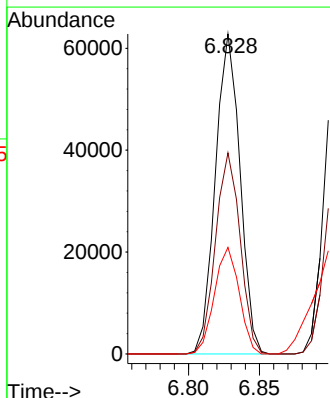
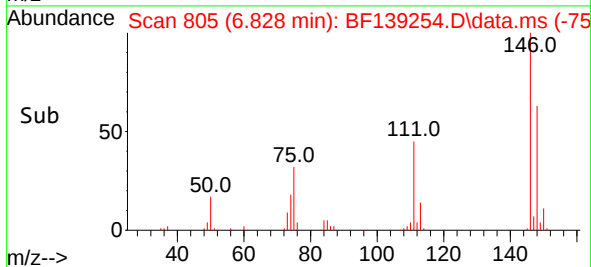
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

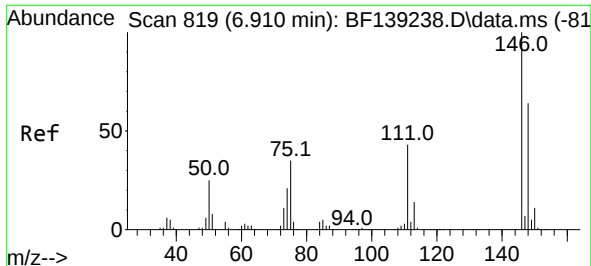


#12
1,3-Dichlorobenzene
Concen: 10.056 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03



Tgt Ion:146 Resp: 75699
Ion Ratio Lower Upper
146 100
148 62.9 50.8 76.2
75 33.3 27.3 40.9





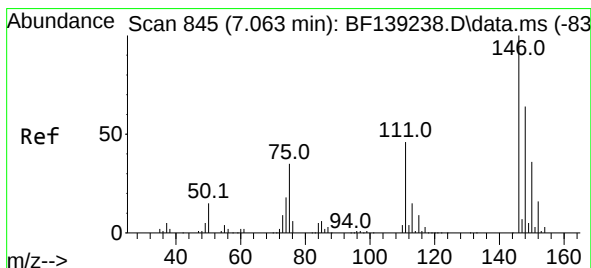
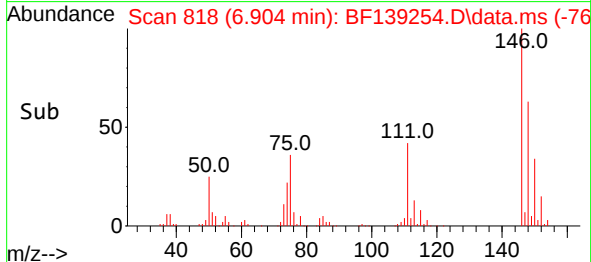
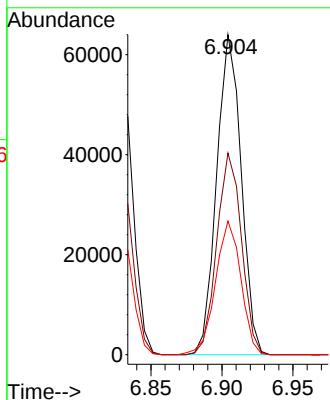
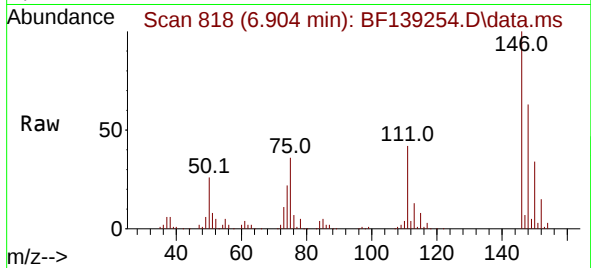
#13
1,4-Dichlorobenzene
Concen: 10.196 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

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

Tgt Ion:146 Resp: 76829
Ion Ratio Lower Upper
146 100
148 63.0 51.2 76.8
111 41.8 34.6 51.8

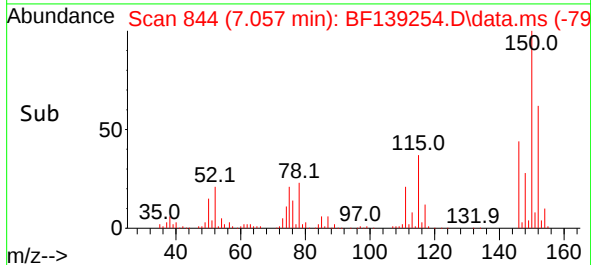
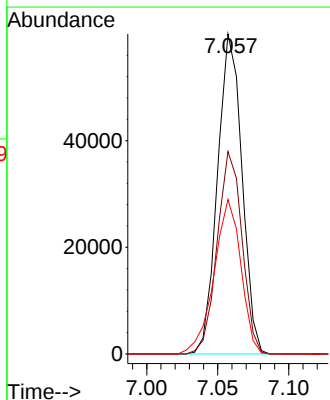
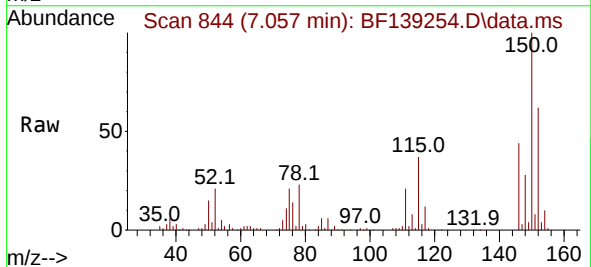
Manual Integrations
APPROVED

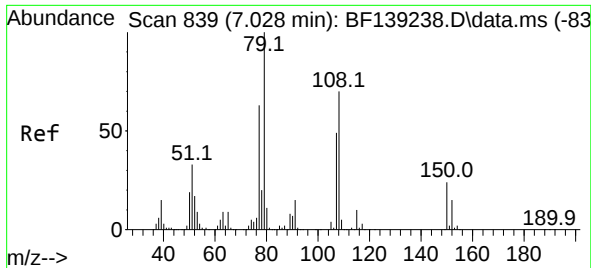
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#14
1,2-Dichlorobenzene
Concen: 10.210 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

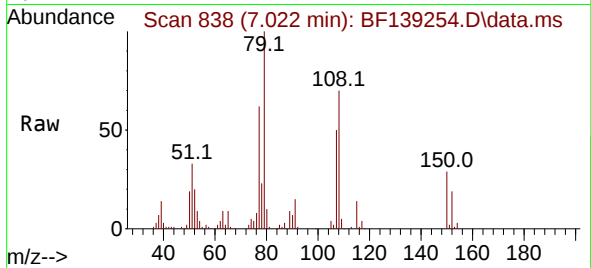
Tgt Ion:146 Resp: 71749
Ion Ratio Lower Upper
146 100
148 63.3 50.9 76.3
111 48.2 36.6 55.0





#15
Benzyl Alcohol
Concen: 11.657 ng
RT: 7.022 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

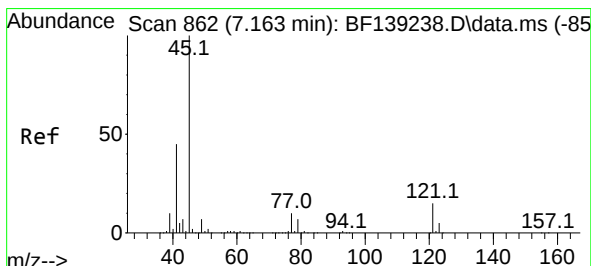
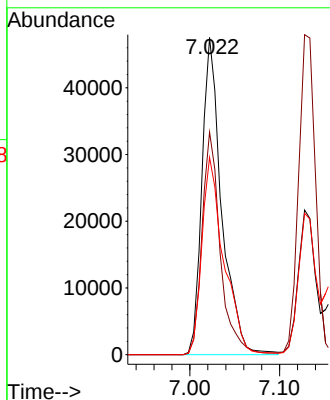
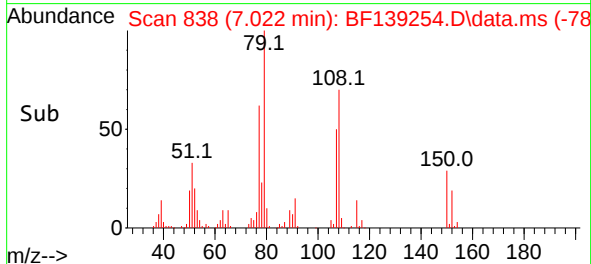
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



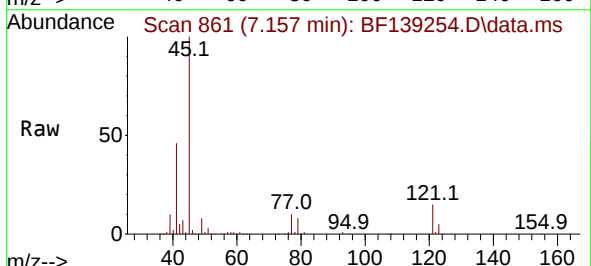
Tgt Ion: 79 Resp: 72828
Ion Ratio Lower Upper
79 100
108 70.2 56.1 84.1
77 62.2 50.6 76.0

Manual Integrations
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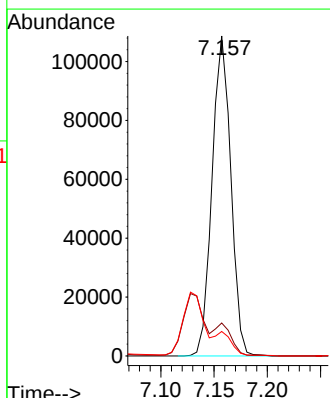
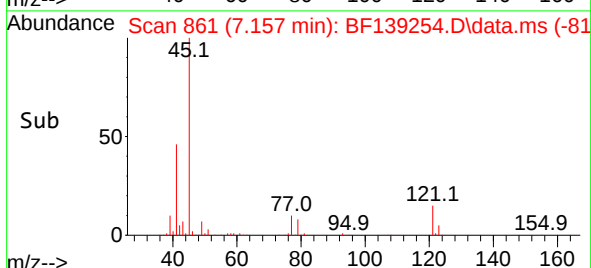
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

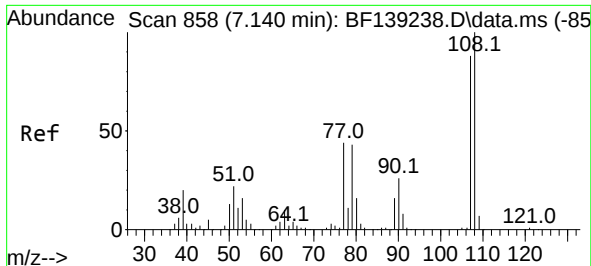


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.758 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03



Tgt Ion: 45 Resp: 132588
Ion Ratio Lower Upper
45 100
77 10.3 0.0 30.0
79 7.6 0.0 27.6





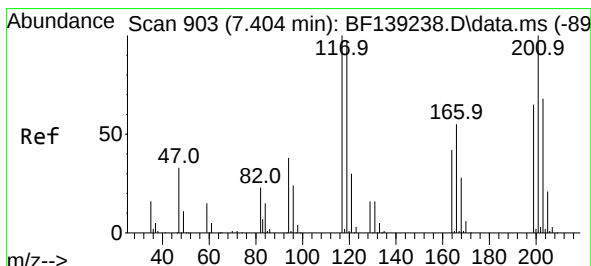
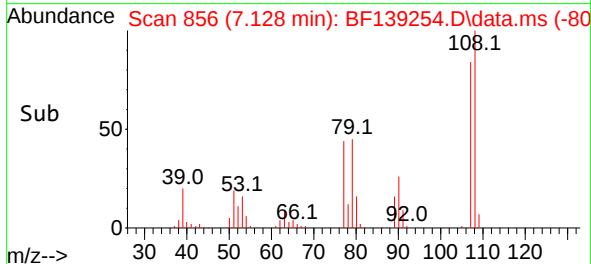
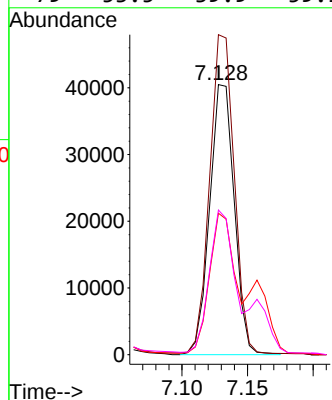
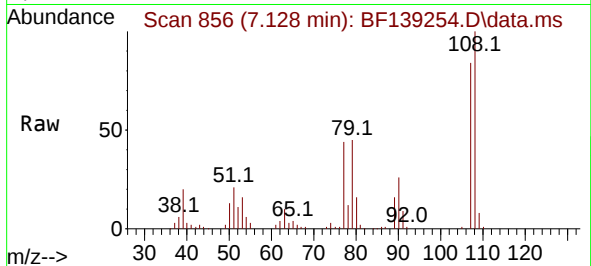
#17
2-Methylphenol
Concen: 9.753 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

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

Tgt Ion:	107	Resp:	5298
Ion Ratio	Lower	Upper	
107	100		
108	118.5	91.4	137.2
77	52.3	40.1	60.1
79	53.5	39.9	59.9

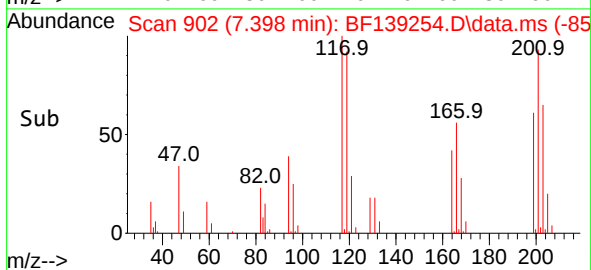
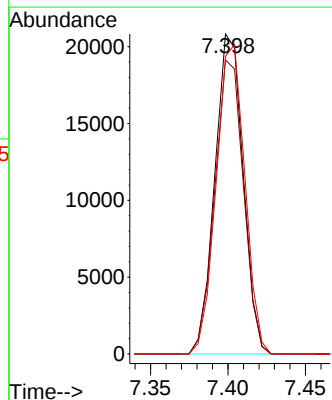
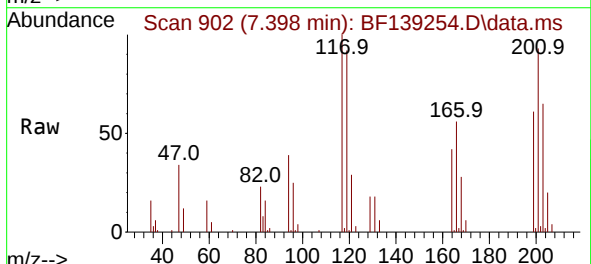
Manual Integrations
APPROVED

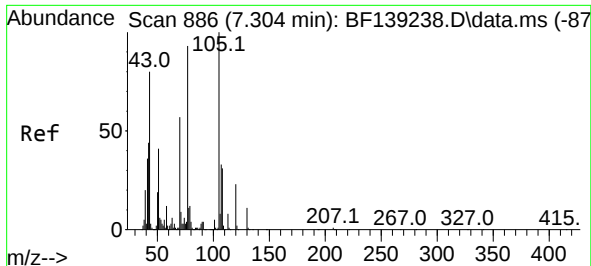
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#18
Hexachloroethane
Concen: 9.823 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

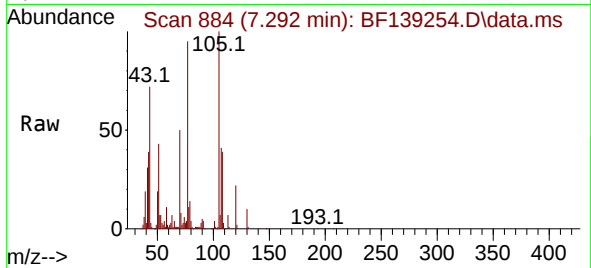
Tgt Ion:	117	Resp:	26436
Ion Ratio	Lower	Upper	
117	100		
119	91.9	77.4	116.2
201	93.0	80.0	120.0





#19
n-Nitroso-di-n-propylamine
Concen: 10.556 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

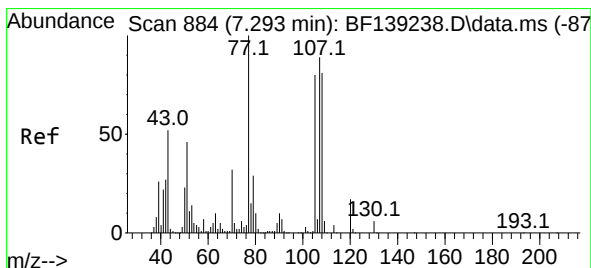
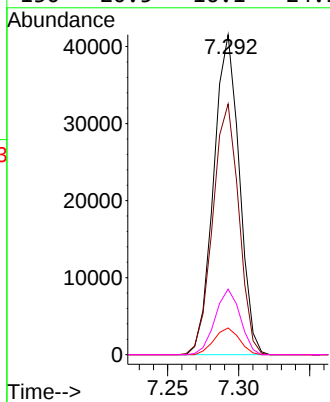
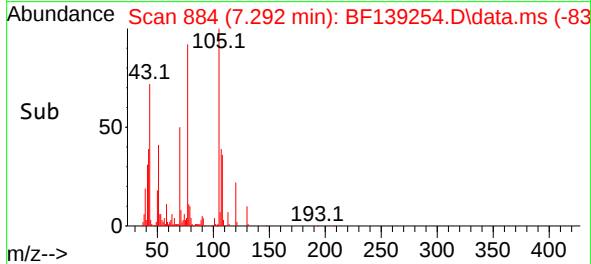
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



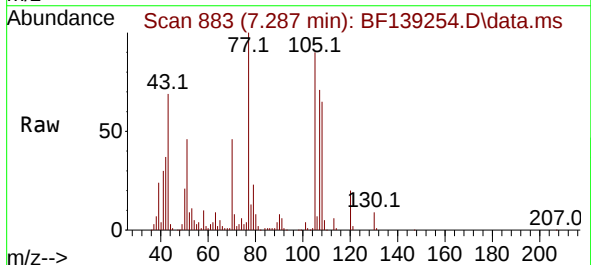
Tgt Ion: 70 Resp: 52085
Ion Ratio Lower Upper
70 100
42 78.4 61.0 91.6
101 8.4 7.2 10.8
130 20.5 16.1 24.1

Manual Integrations
APPROVED

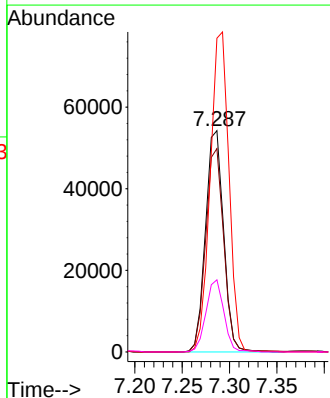
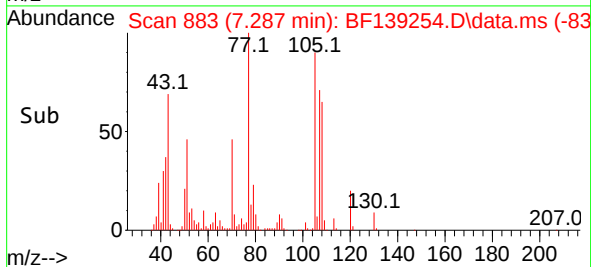
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

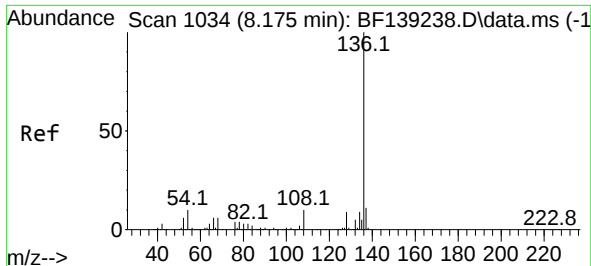


#20
3+4-Methylphenols
Concen: 10.487 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03



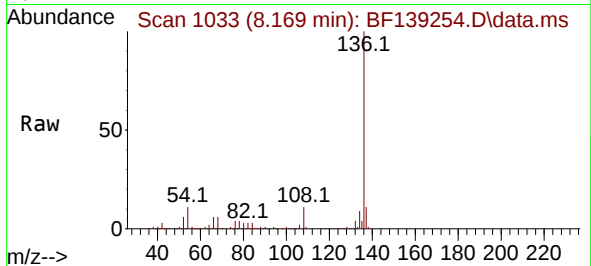
Tgt Ion:107 Resp: 71801
Ion Ratio Lower Upper
107 100
108 92.0 70.4 110.4
77 141.8 92.2 132.2#
79 32.6 12.8 52.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

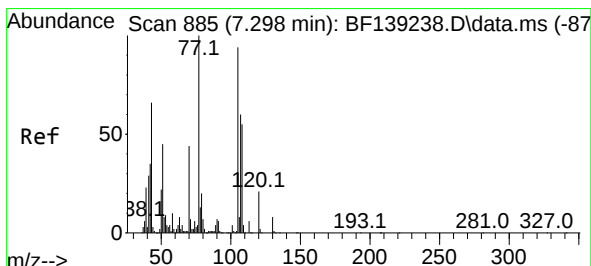
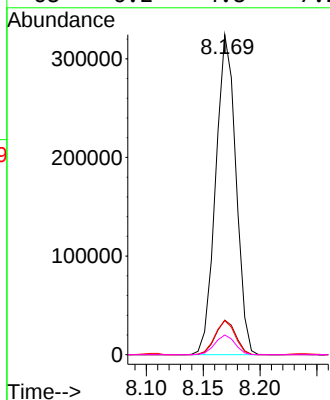
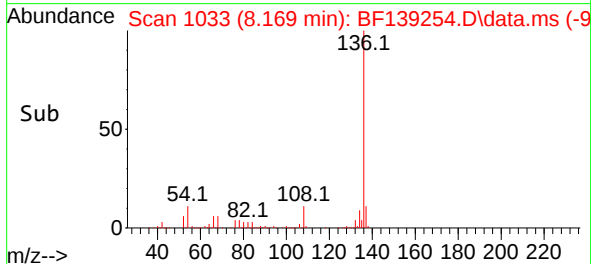
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:136 Resp: 40223
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.7 8.4 12.6
68 6.2 4.8 7.2

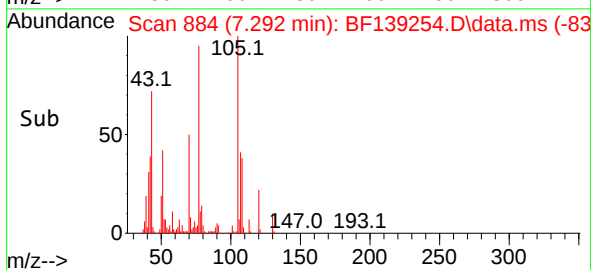
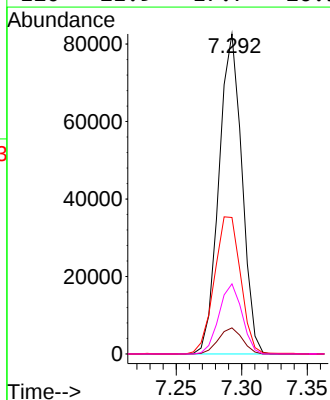
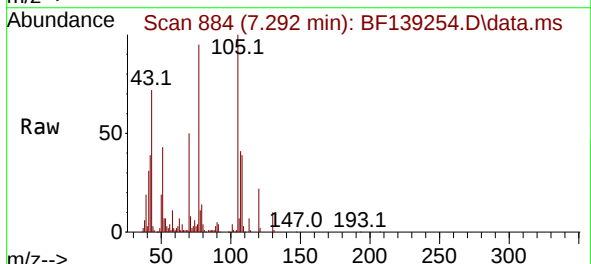
Manual Integrations
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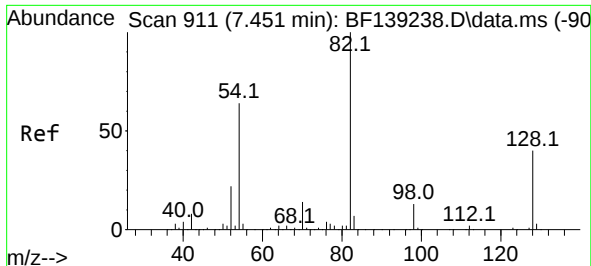
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#22
Acetophenone
Concen: 10.504 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

Tgt Ion:105 Resp: 100655
Ion Ratio Lower Upper
105 100
71 8.2 6.2 9.2
51 42.6 38.2 57.2
120 21.9 17.7 26.5





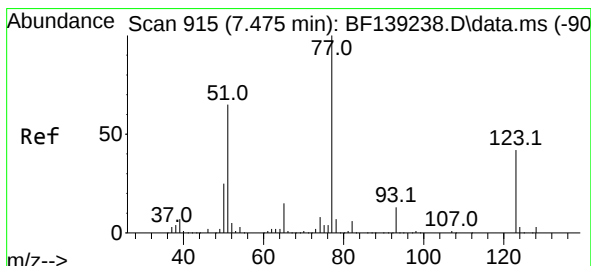
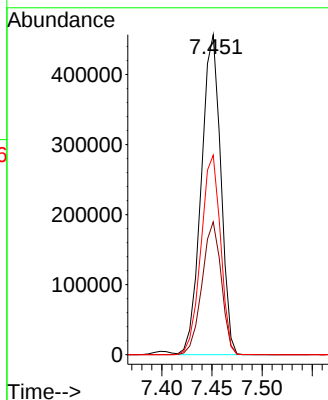
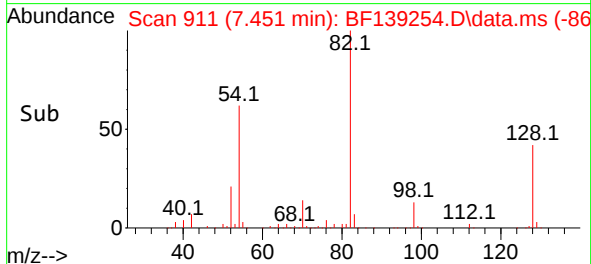
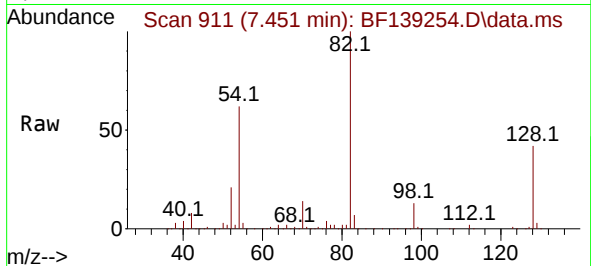
#23
Nitrobenzene-d5
Concen: 80.073 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

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

Tgt Ion: 82 Resp: 61911
Ion Ratio Lower Upper
82 100
128 41.5 32.3 48.5
54 62.3 51.2 76.8

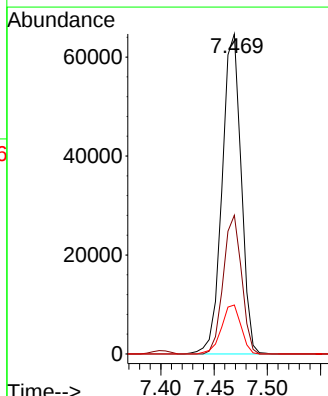
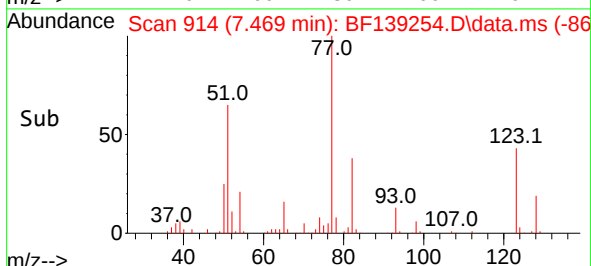
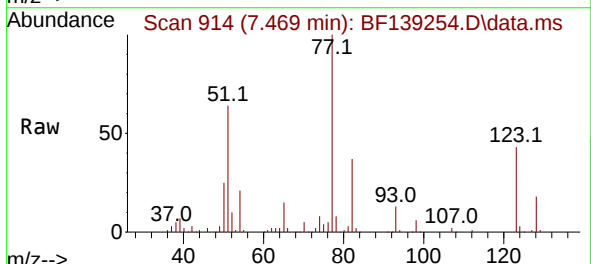
Manual Integrations
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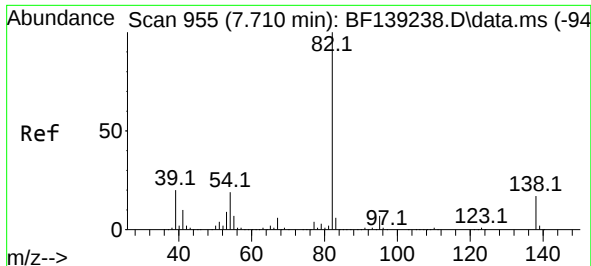
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#24
Nitrobenzene
Concen: 9.781 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

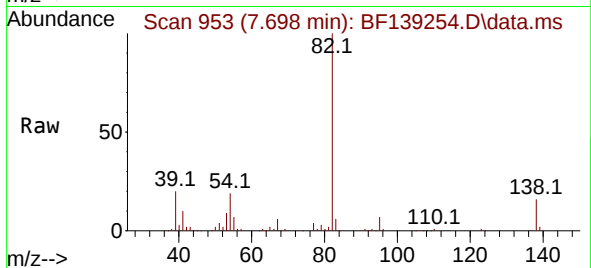
Tgt Ion: 77 Resp: 80270
Ion Ratio Lower Upper
77 100
123 43.3 34.0 51.0
65 15.3 12.1 18.1





#25
Isophorone
Concen: 10.211 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

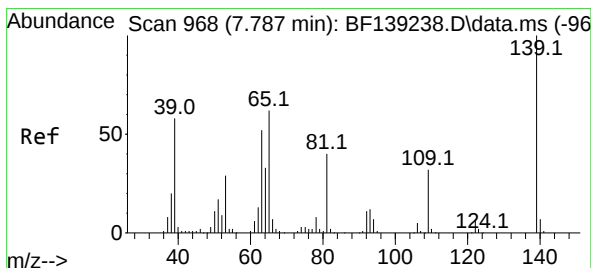
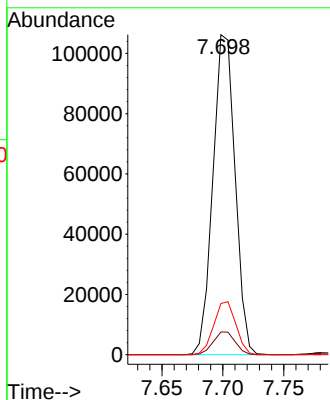
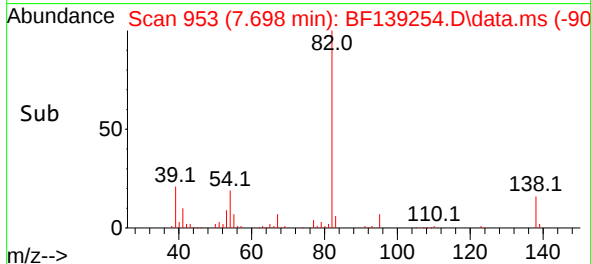
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion: 82 Resp: 13497
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 16.0 13.4 20.0

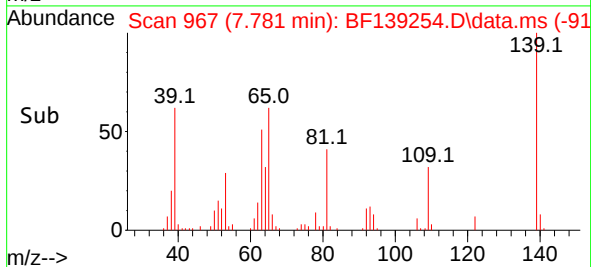
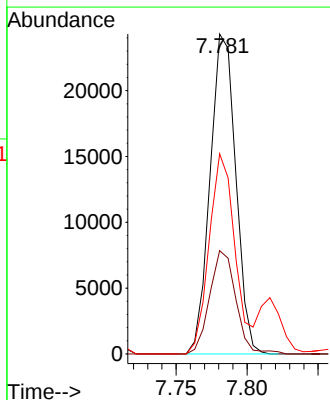
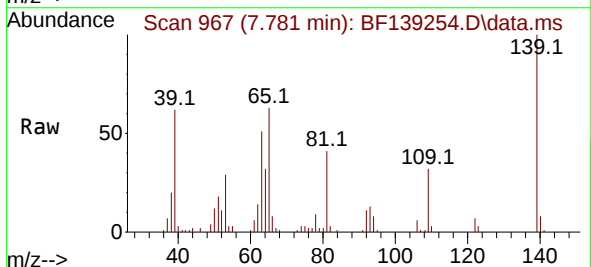
Manual Integrations
APPROVED

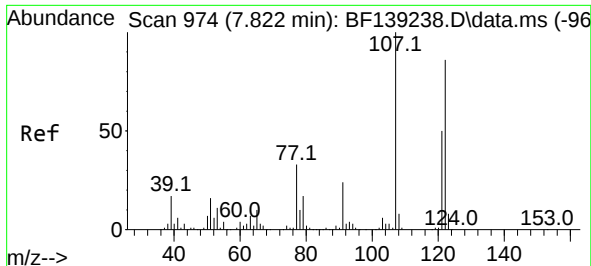
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#26
2-Nitrophenol
Concen: 9.472 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

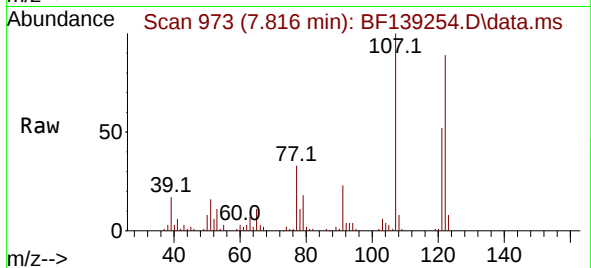
Tgt Ion:139 Resp: 30530
Ion Ratio Lower Upper
139 100
109 32.3 25.4 38.2
65 62.5 49.4 74.2





#27
2,4-Dimethylphenol
Concen: 10.029 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

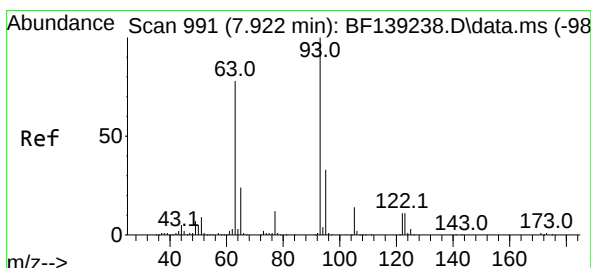
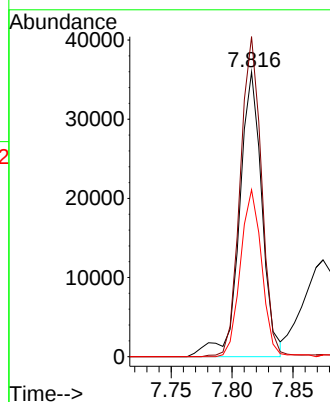
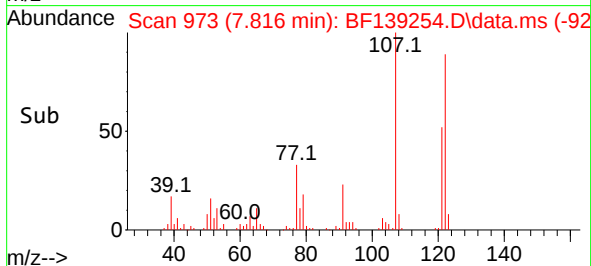
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:122 Resp: 4610
Ion Ratio Lower Upper
122 100
107 112.4 93.4 140.2
121 58.6 46.6 70.0

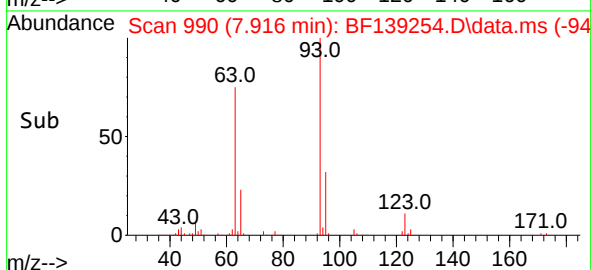
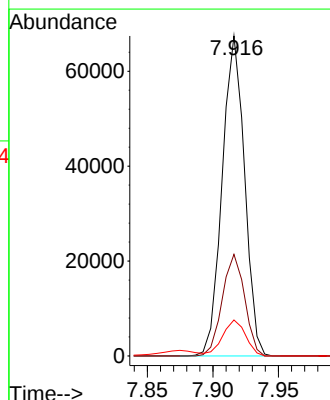
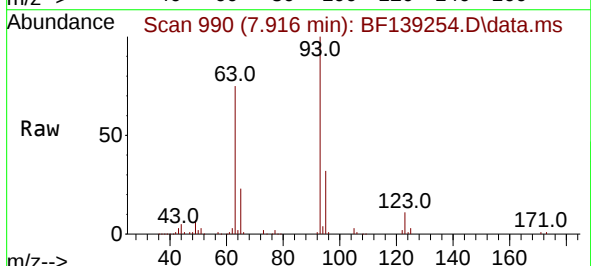
Manual Integrations
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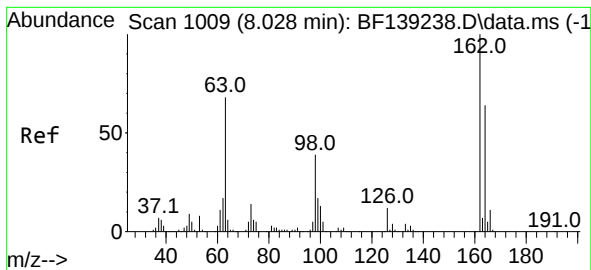
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#28
bis(2-Chloroethoxy)methane
Concen: 10.125 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

Tgt Ion: 93 Resp: 79739
Ion Ratio Lower Upper
93 100
95 31.8 26.6 40.0
123 11.3 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 10.266 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

Instrument :

BNA_F

ClientSampleId :

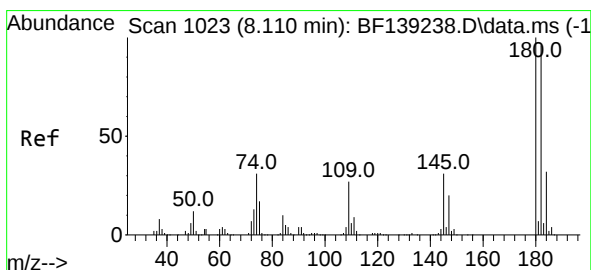
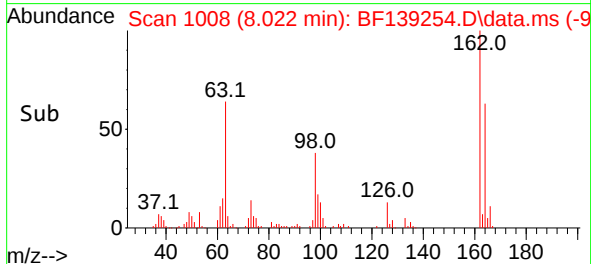
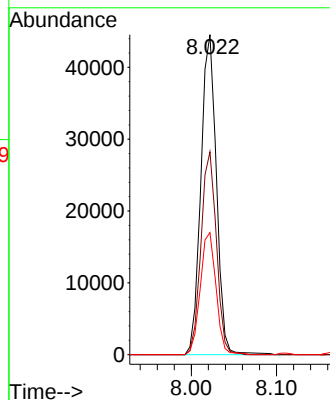
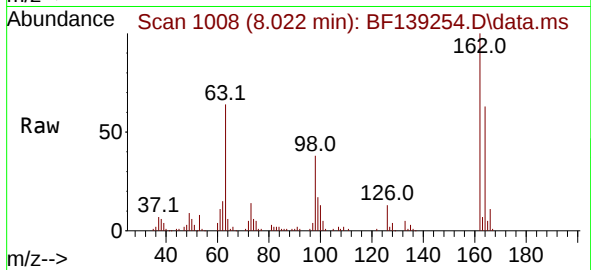
LOQ-SOIL-02-QT2-2024

Tgt Ion:162	Resp:	56500
Ion Ratio	Lower	Upper
162	100	
164	63.4	43.6 83.6
98	38.2	19.5 59.5

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Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#30

1,2,4-Trichlorobenzene

Concen: 9.907 ng

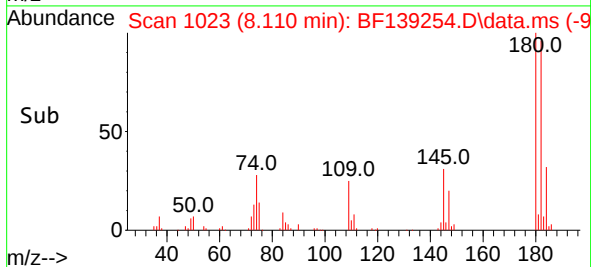
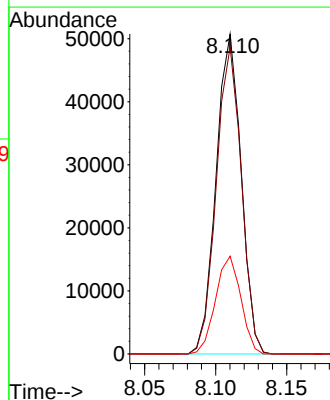
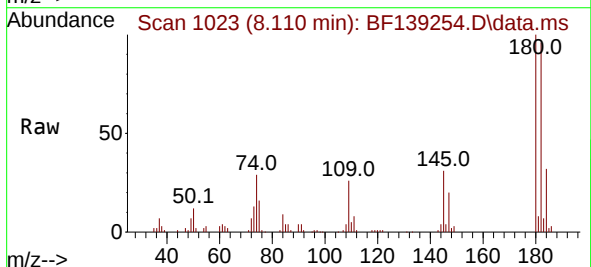
RT: 8.110 min Scan# 1023

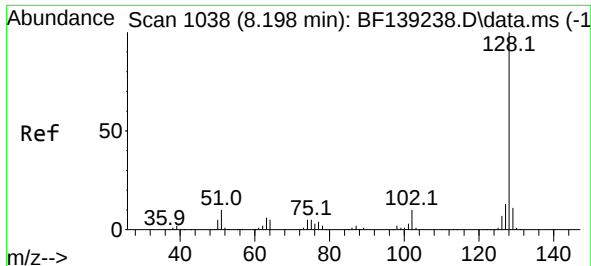
Delta R.T. -0.000 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

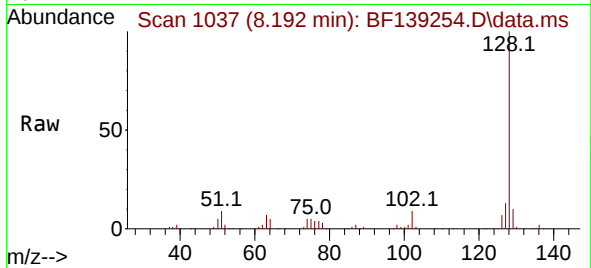
Tgt Ion:180	Resp:	62277
Ion Ratio	Lower	Upper
180	100	
182	96.0	76.5 114.7
145	30.6	25.1 37.7





#31
Naphthalene
Concen: 10.208 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

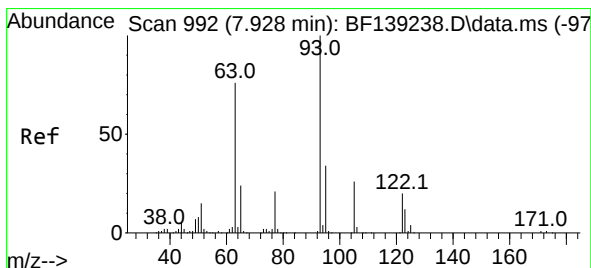
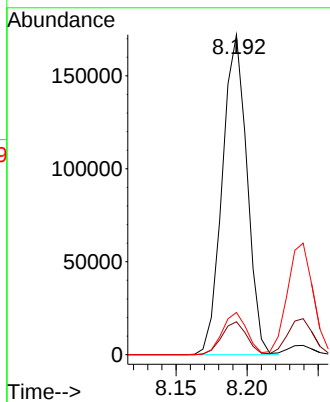
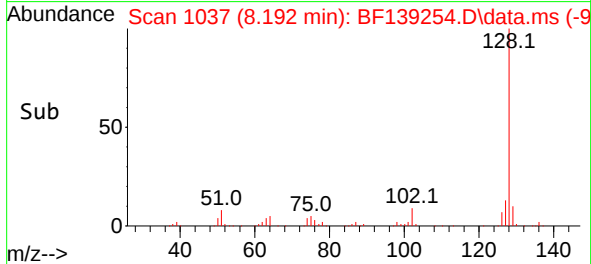
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:128 Resp: 207939
Ion Ratio Lower Upper
128 100
129 10.3 8.8 13.2
127 13.2 10.6 15.8

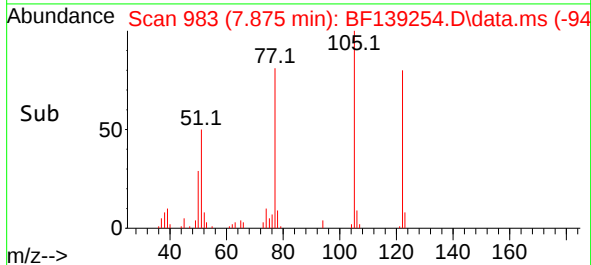
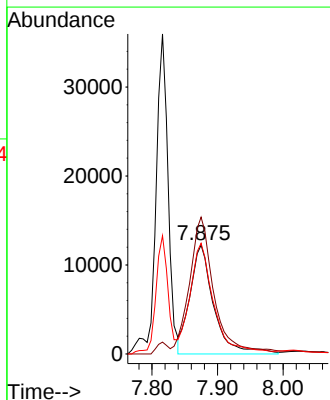
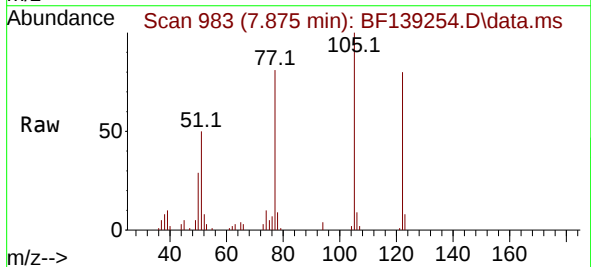
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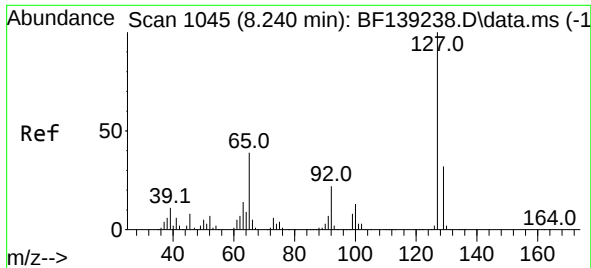
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#32
Benzoic acid
Concen: 7.375 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.053 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

Tgt Ion:122 Resp: 30880
Ion Ratio Lower Upper
122 100
105 125.8 106.3 146.3
77 101.7 84.1 124.1





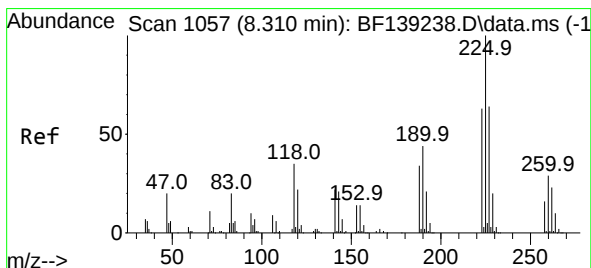
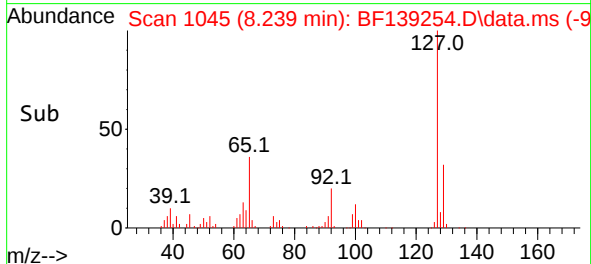
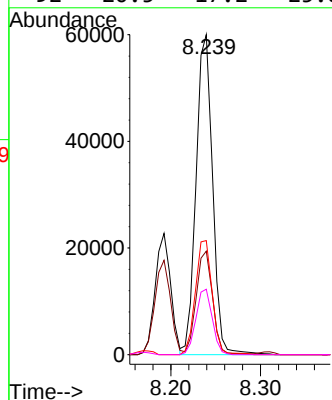
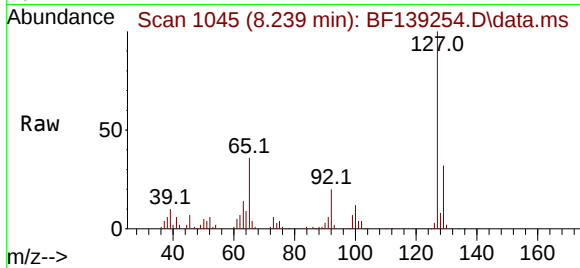
#33
4-Chloroaniline
Concen: 10.900 ng
RT: 8.239 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

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

Tgt Ion:127	Resp: 76880
Ion Ratio	Lower Upper
127 100	
129 32.3	25.8 38.6
65 35.7	30.6 45.8
92 20.5	17.2 25.8

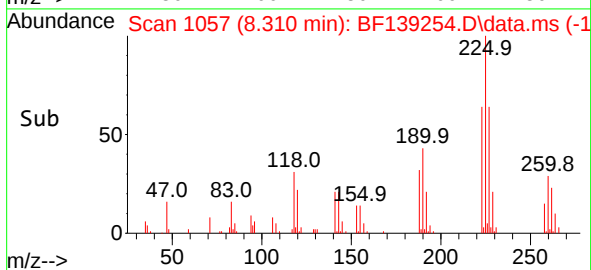
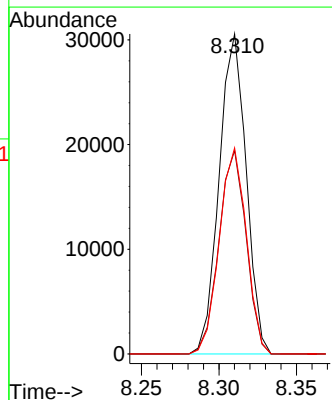
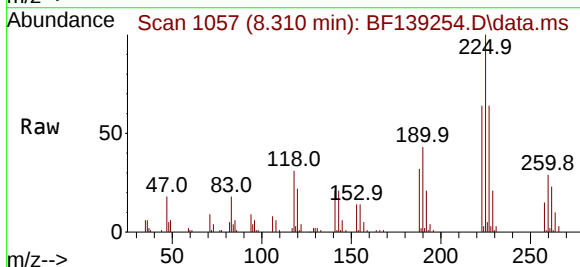
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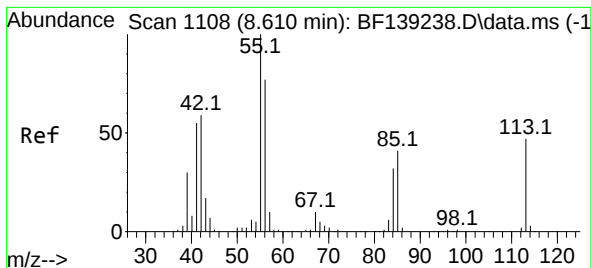
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#34
Hexachlorobutadiene
Concen: 9.304 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.000 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

Tgt Ion:225	Resp: 37059
Ion Ratio	Lower Upper
225 100	
223 63.6	50.7 76.1
227 64.4	51.5 77.3





#35

Caprolactam

Concen: 9.216 ng

RT: 8.569 min Scan# 1108

Delta R.T. -0.041 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

Instrument :

BNA_F

ClientSampleId :

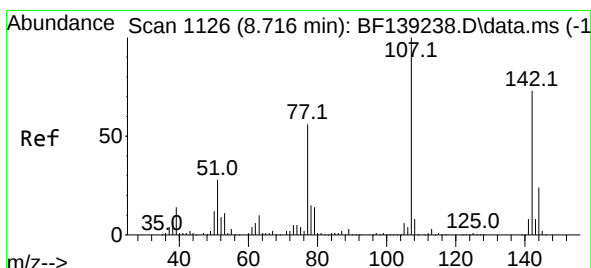
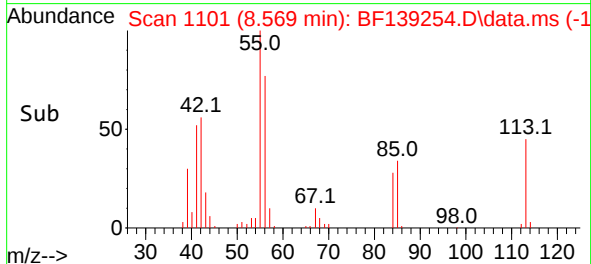
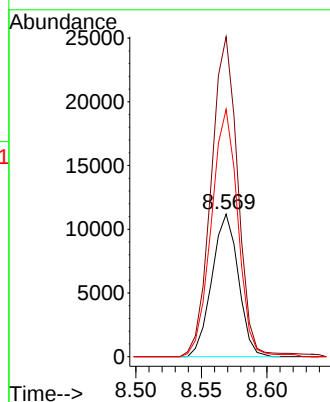
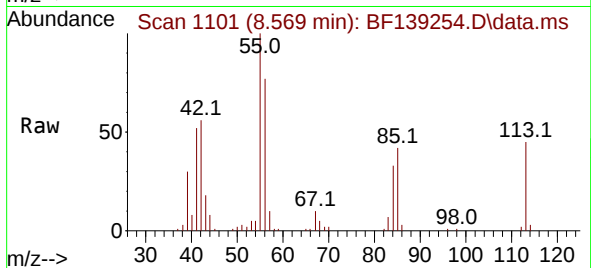
LOQ-SOIL-02-QT2-2024

Tgt Ion:113	Resp:	15704
Ion Ratio	Lower	Upper
113	100	
55	224.3	193.7 233.7
56	173.5	145.0 185.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#36

4-Chloro-3-methylphenol

Concen: 9.853 ng

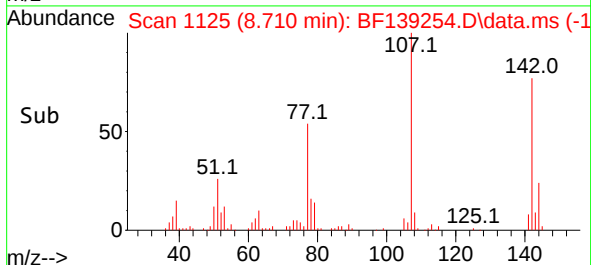
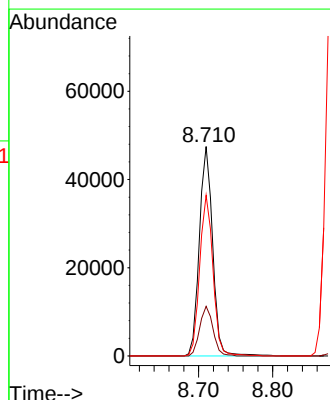
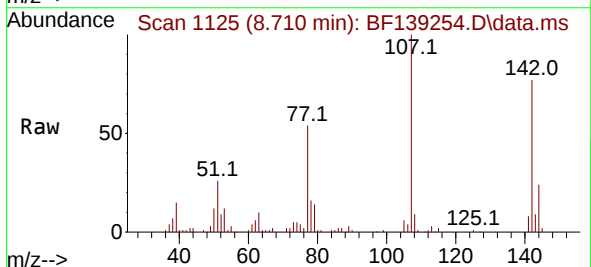
RT: 8.710 min Scan# 1125

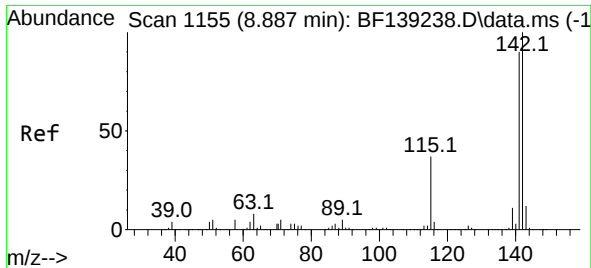
Delta R.T. -0.006 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

Tgt Ion:107	Resp:	59097
Ion Ratio	Lower	Upper
107	100	
144	23.7	19.1 28.7
142	76.7	58.3 87.5





#37

2-Methylnaphthalene

Concen: 10.175 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion:142 Resp: 129670

Ion Ratio Lower Upper

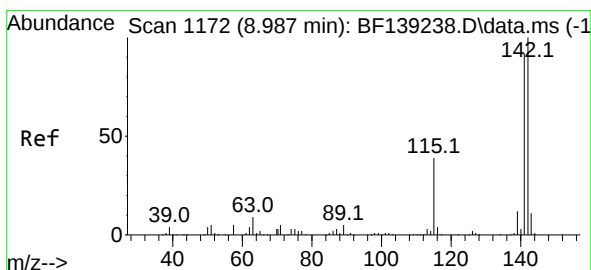
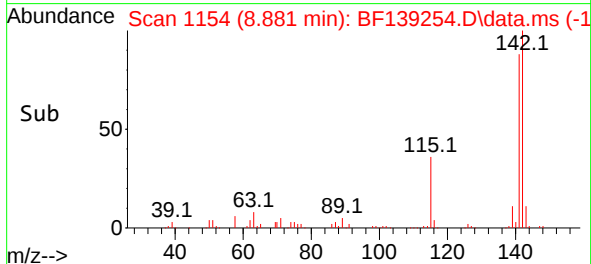
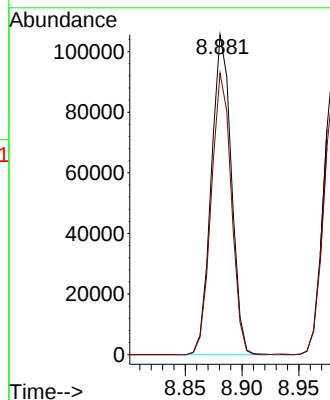
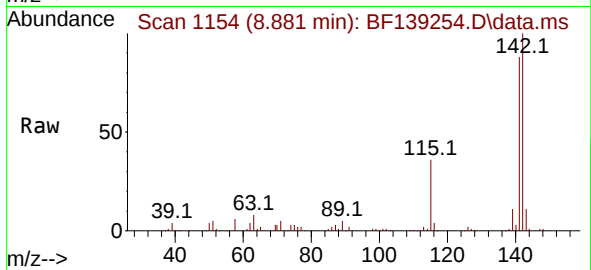
142 100

141 88.0 71.6 107.4

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Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#38

1-Methylnaphthalene

Concen: 9.593 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF139254.D

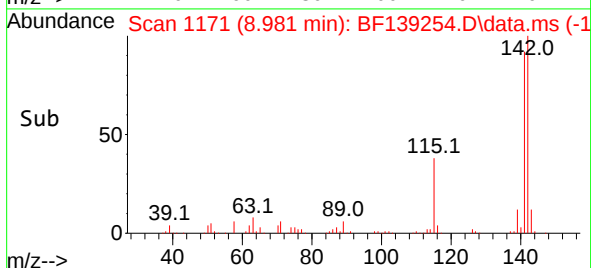
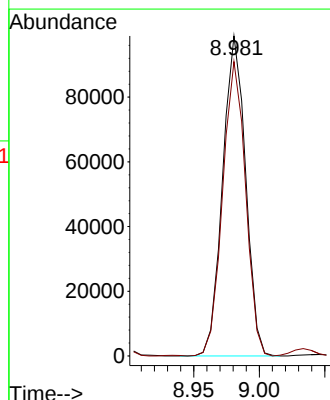
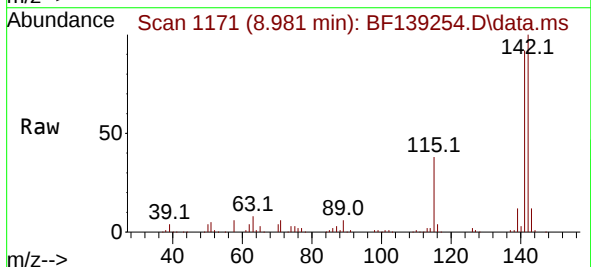
Acq: 05 Sep 2024 11:03

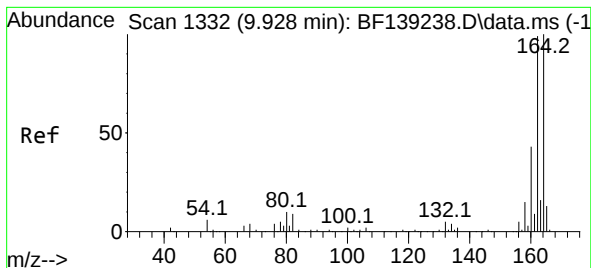
Tgt Ion:142 Resp: 120237

Ion Ratio Lower Upper

142 100

141 92.0 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF139254.D

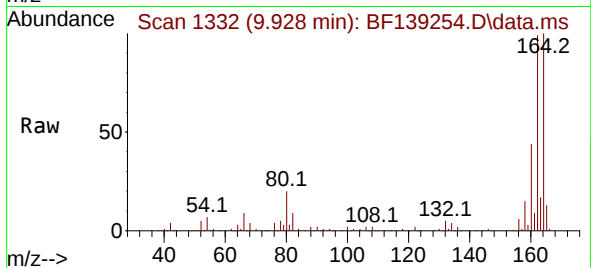
Acq: 05 Sep 2024 11:03

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2024



Tgt Ion:164 Resp: 21878

Ion Ratio Lower Upper

164 100

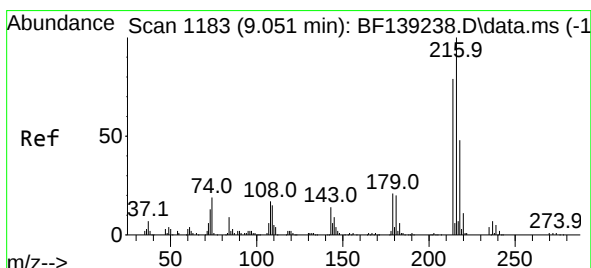
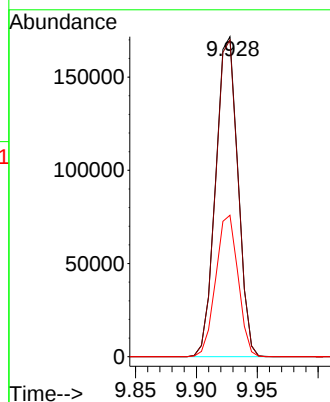
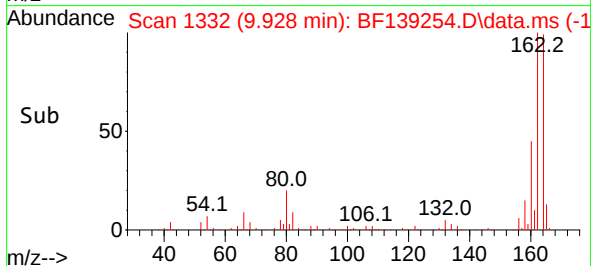
162 99.0 79.2 118.8

160 44.2 34.2 51.2

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Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.498 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

Tgt Ion:216 Resp: 64985

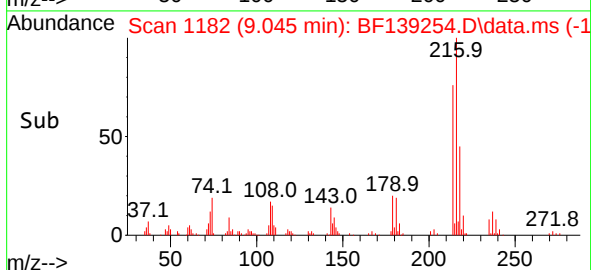
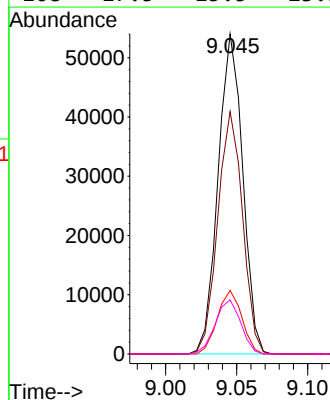
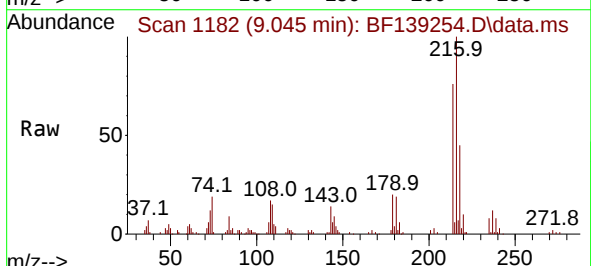
Ion Ratio Lower Upper

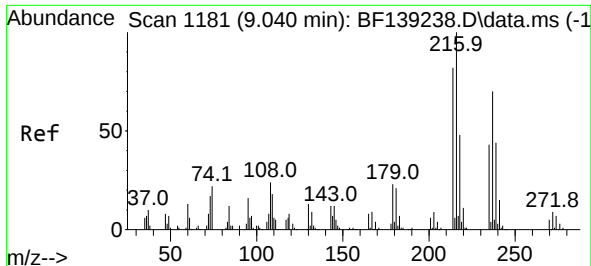
216 100

214 76.3 63.8 95.8

179 19.8 16.9 25.3

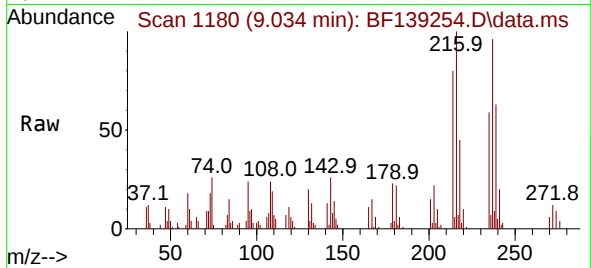
108 17.5 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 9.980 ng
RT: 9.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

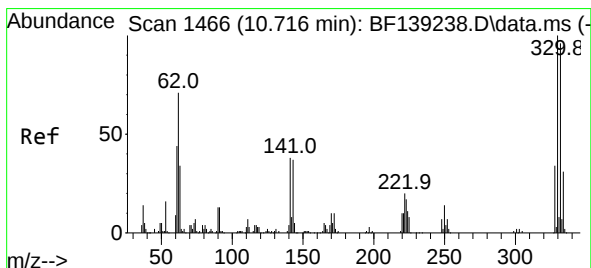
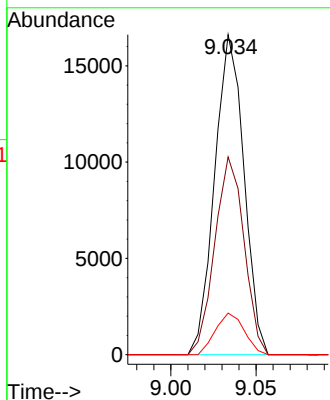
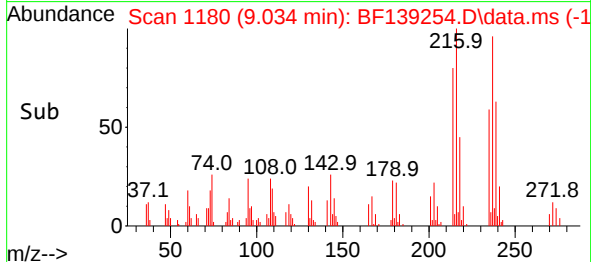
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



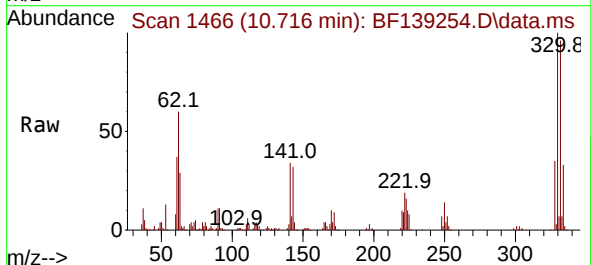
Tgt Ion:237 Resp: 1985
Ion Ratio Lower Upper
237 100
235 61.8 41.4 81.4
272 13.0 0.0 32.2

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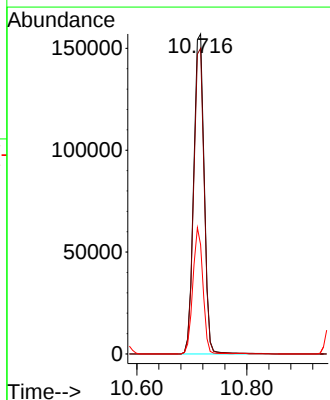
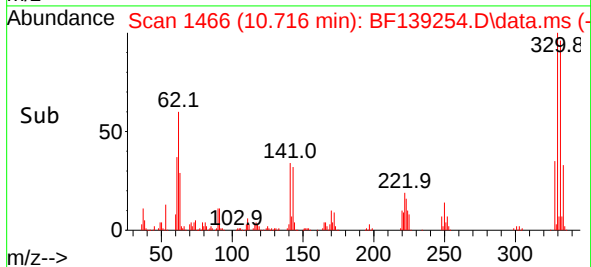
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

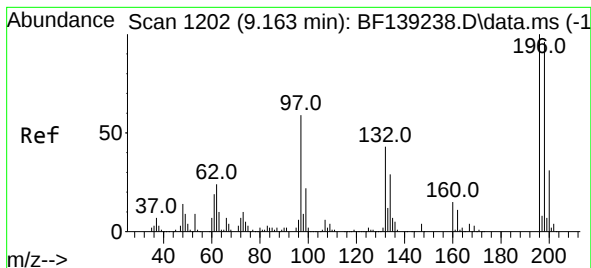


#42
2,4,6-Tribromophenol
Concen: 110.227 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03



Tgt Ion:330 Resp: 208244
Ion Ratio Lower Upper
330 100
332 95.6 76.6 115.0
141 37.7 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 9.469 ng

RT: 9.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2024

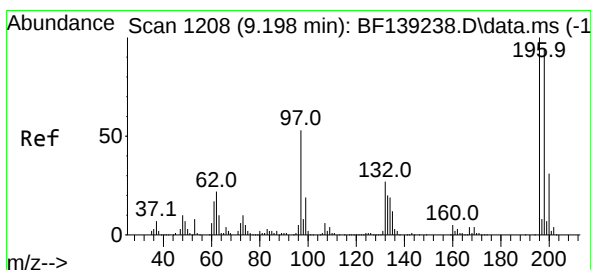
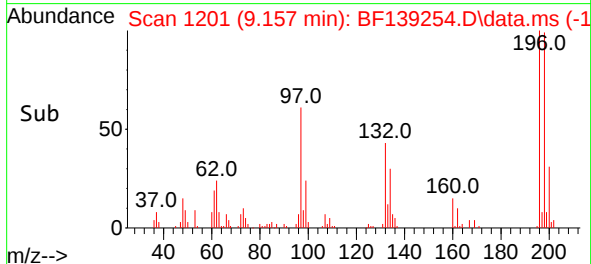
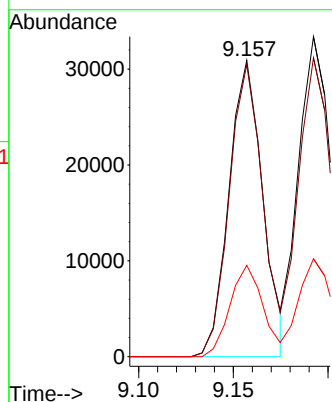
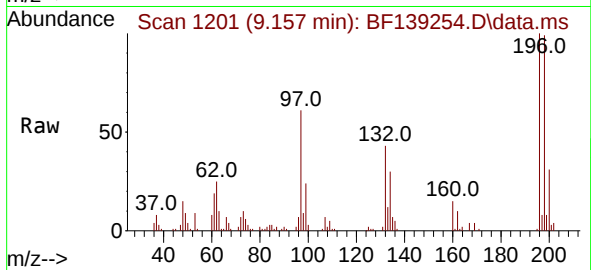
Tgt Ion:196 Resp: 3835

Ion	Ratio	Lower	Upper
196	100		
198	98.6	77.0	115.4
200	30.8	24.7	37.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#44

2,4,5-Trichlorophenol

Concen: 9.962 ng

RT: 9.192 min Scan# 1207

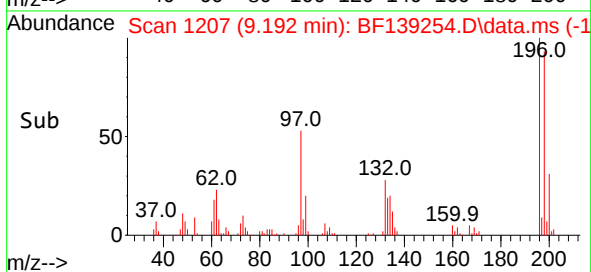
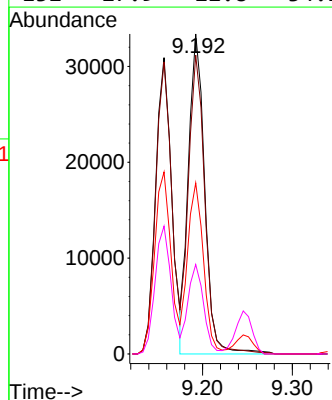
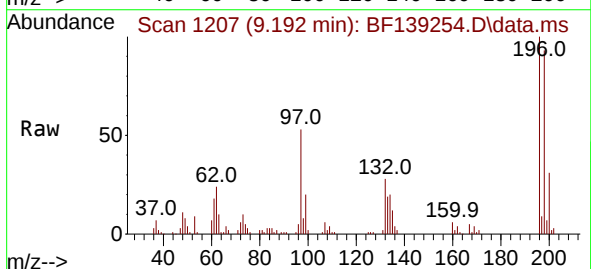
Delta R.T. -0.006 min

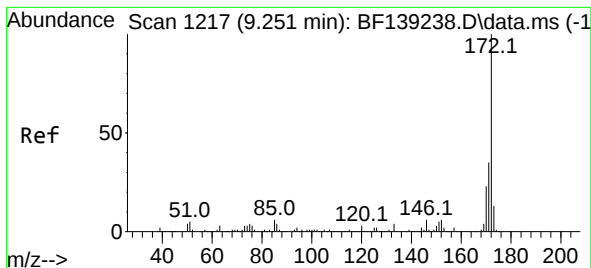
Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

Tgt Ion:196 Resp: 42280

Ion	Ratio	Lower	Upper
196	100		
198	93.4	75.6	113.4
97	53.5	43.6	65.4
132	27.9	22.8	34.2





#45

2-Fluorobiphenyl

Concen: 79.515 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion:172 Resp: 1126980

Ion Ratio Lower Upper

172 100

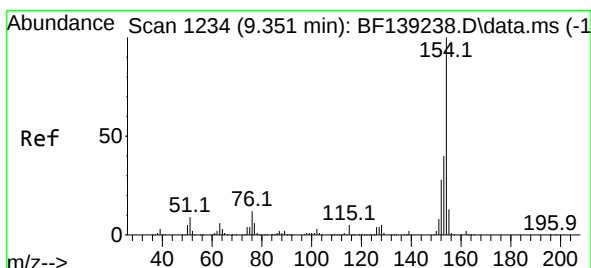
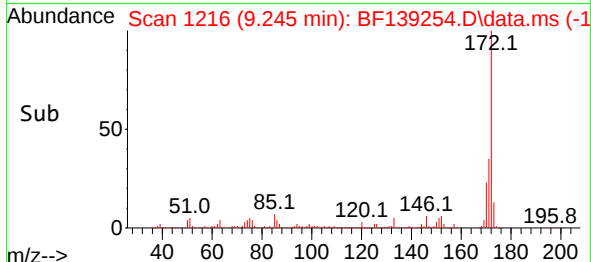
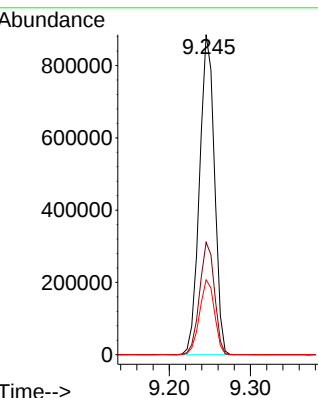
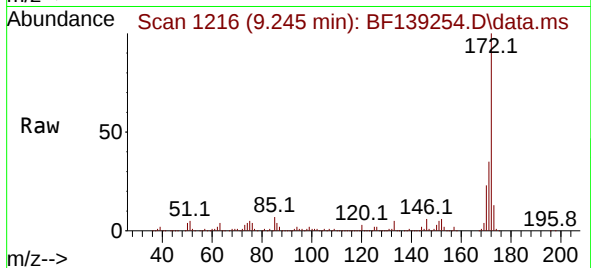
171 35.1 28.3 42.5

170 23.4 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#46

1,1'-Biphenyl

Concen: 10.480 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

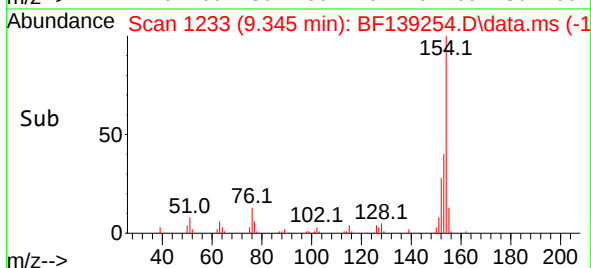
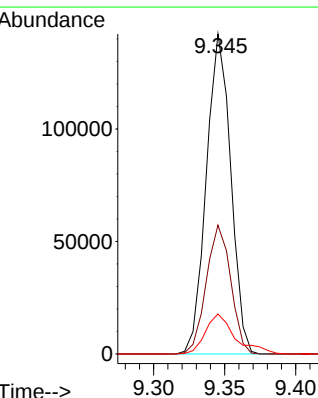
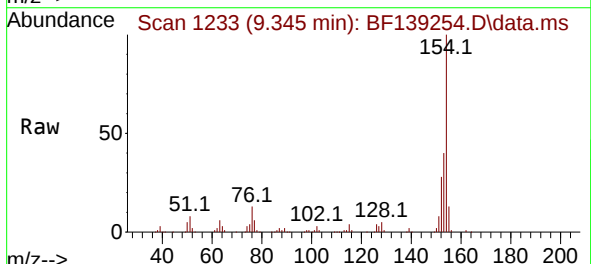
Tgt Ion:154 Resp: 169880

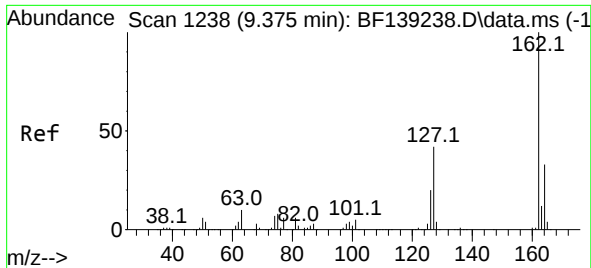
Ion Ratio Lower Upper

154 100

153 40.3 20.1 60.1

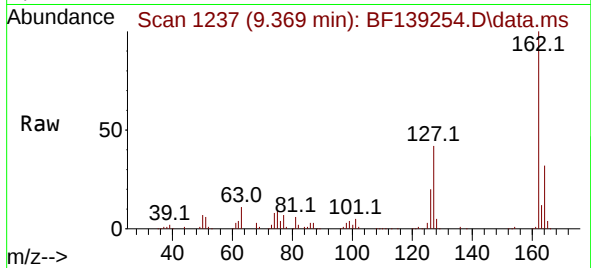
76 12.5 0.0 32.3





#47
2-Chloronaphthalene
Concen: 9.943 ng
RT: 9.369 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

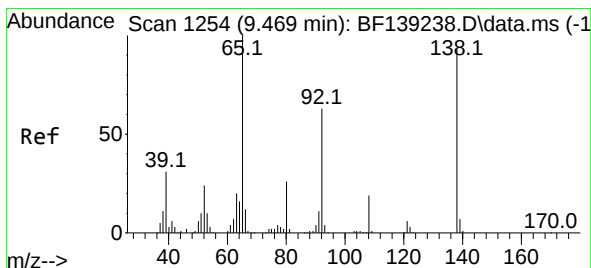
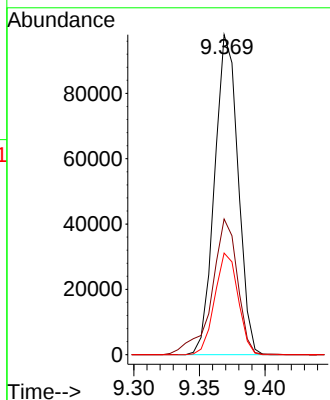
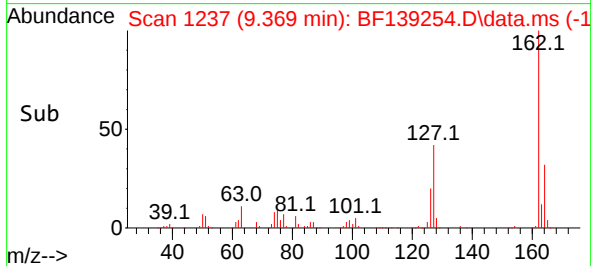
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT2-2024



Tgt Ion:162 Resp: 12170
Ion Ratio Lower Upper
162 100
127 42.4 34.2 51.4
164 31.8 26.2 39.2

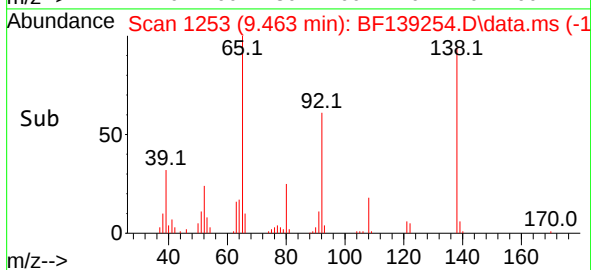
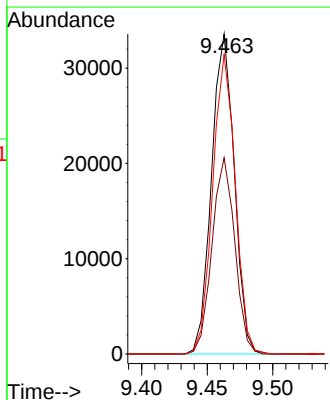
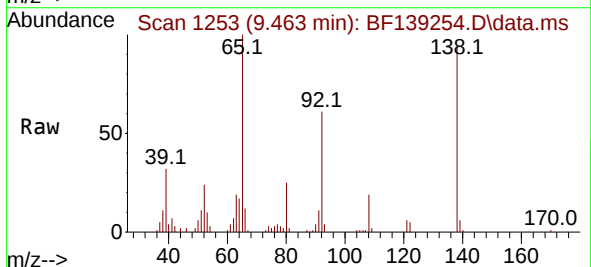
Manual Integrations
APPROVED

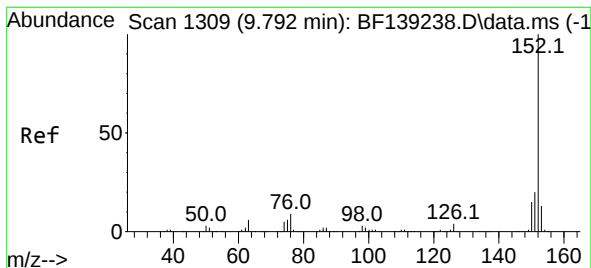
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#48
2-Nitroaniline
Concen: 9.608 ng
RT: 9.463 min Scan# 1253
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

Tgt Ion: 65 Resp: 40504
Ion Ratio Lower Upper
65 100
92 61.3 50.4 75.6
138 93.5 74.2 111.4





#49

Acenaphthylene

Concen: 10.839 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139254.D

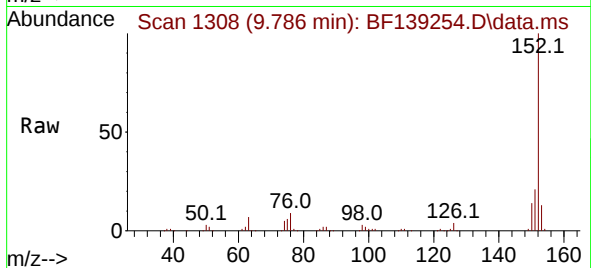
Acq: 05 Sep 2024 11:03

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2024



Tgt Ion:152 Resp: 199824

Ion Ratio Lower Upper

152 100

151 20.6 16.0 24.0

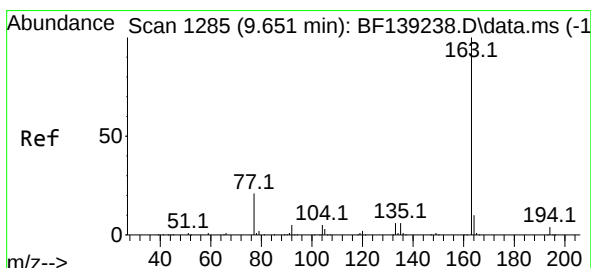
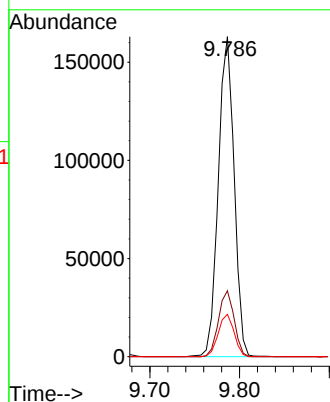
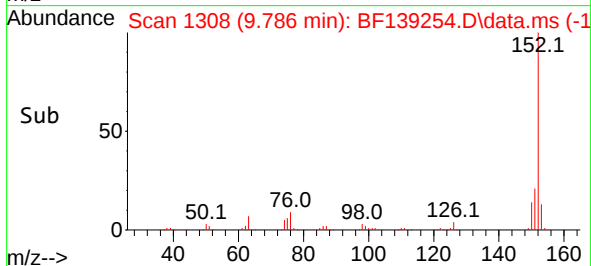
153 13.3 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024

Supervised By :mohammad ahmed 09/07/2024



#50

Dimethylphthalate

Concen: 10.303 ng

RT: 9.639 min Scan# 1283

Delta R.T. -0.012 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

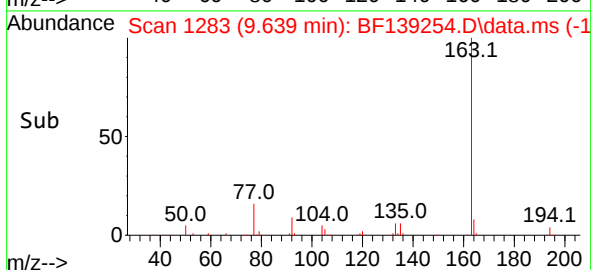
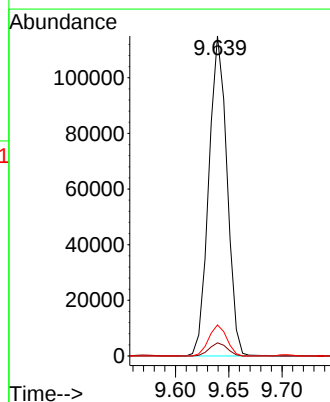
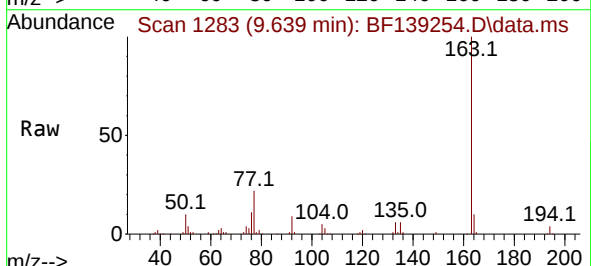
Tgt Ion:163 Resp: 136629

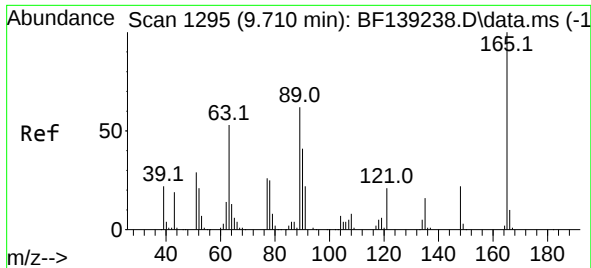
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

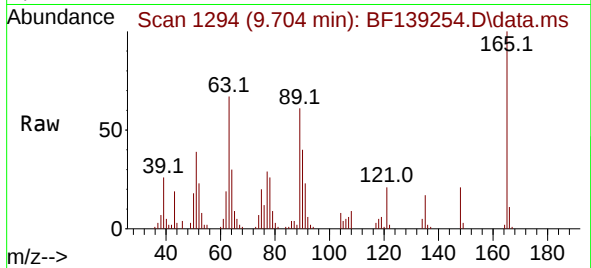
164 9.7 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 9.391 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

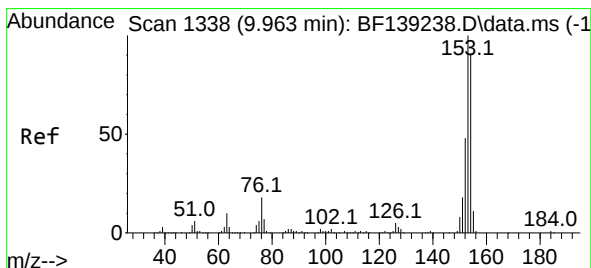
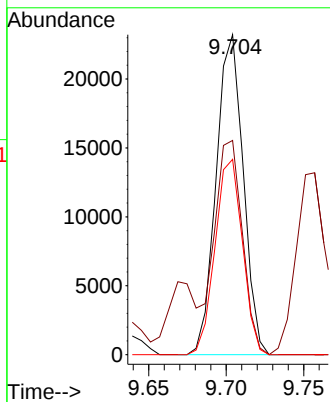
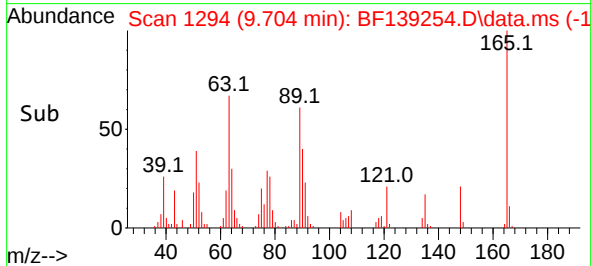
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT2-2024



Tgt Ion:165 Resp: 28250
Ion Ratio Lower Upper
165 100
63 66.9 56.1 84.1
89 61.1 49.7 74.5

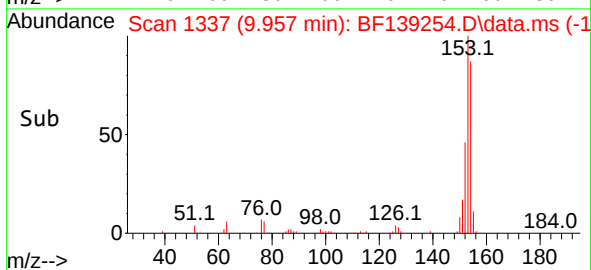
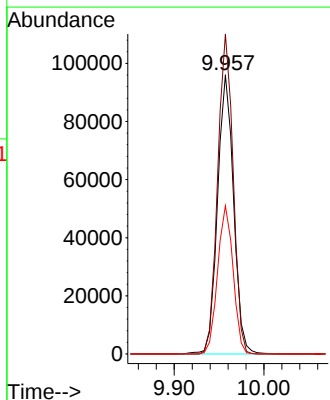
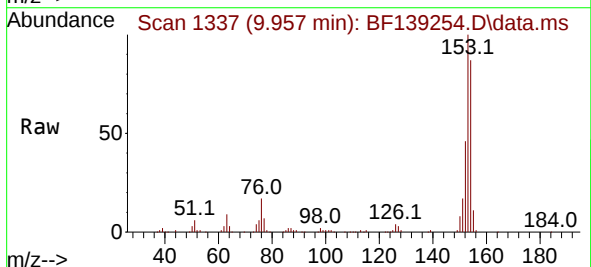
Manual Integrations
APPROVED

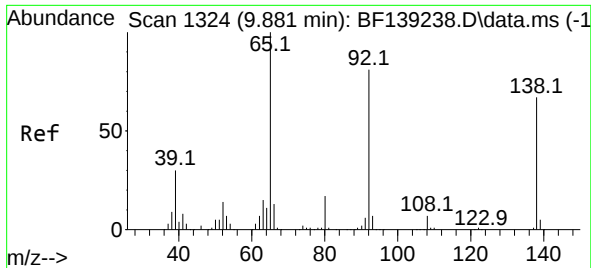
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#52
Acenaphthene
Concen: 9.751 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

Tgt Ion:154 Resp: 119230
Ion Ratio Lower Upper
154 100
153 114.6 87.8 131.6
152 53.1 41.7 62.5





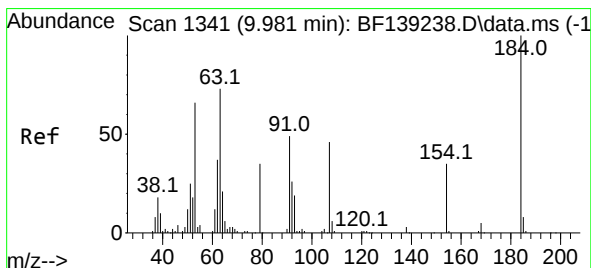
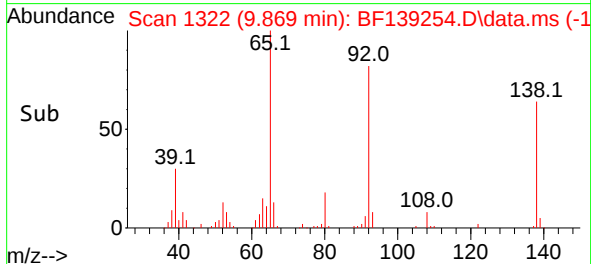
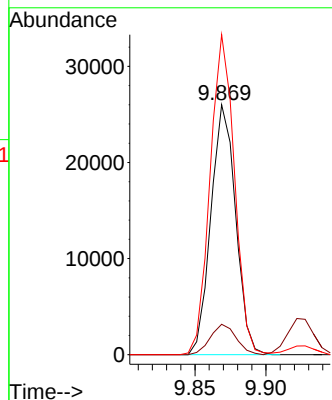
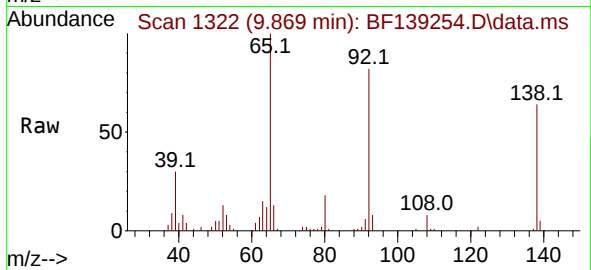
#53
3-Nitroaniline
Concen: 9.819 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

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

Tgt Ion:138 Resp: 3147
Ion Ratio Lower Upper
138 100
108 12.2 8.6 13.0
92 128.1 96.4 144.6

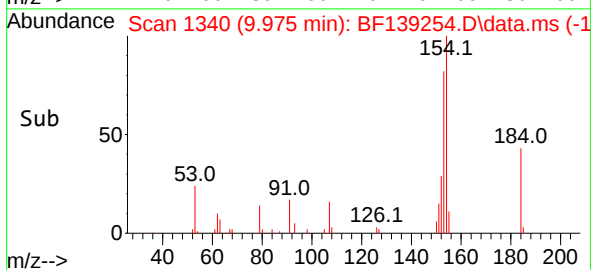
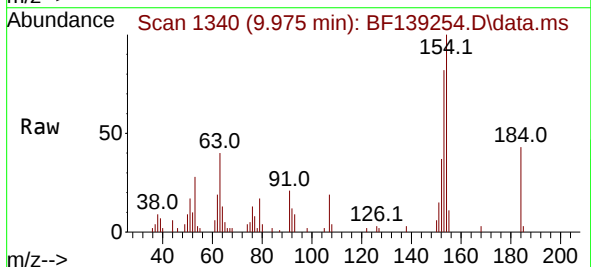
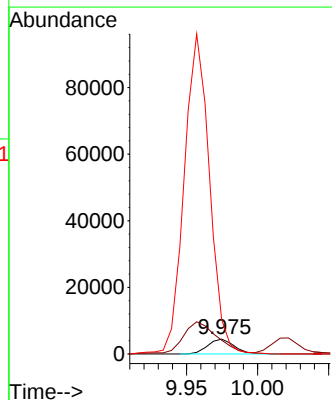
Manual Integrations
APPROVED

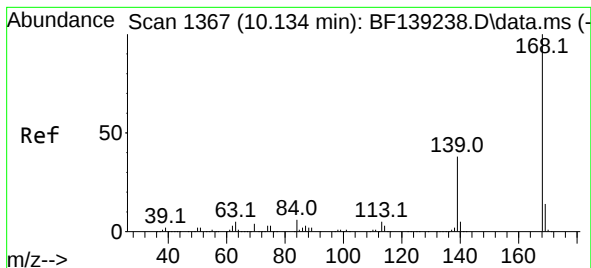
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#54
2,4-Dinitrophenol
Concen: 10.839 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

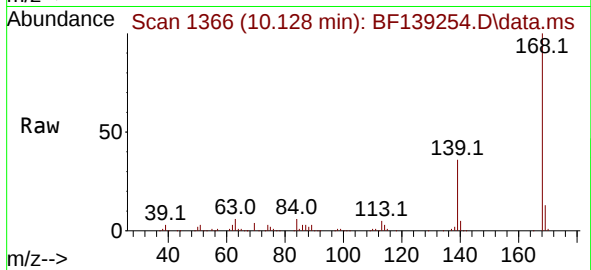
Tgt Ion:184 Resp: 5765
Ion Ratio Lower Upper
184 100
63 92.5 66.4 99.6
154 232.8 97.0 145.6#





#55
Dibenzenofuran
Concen: 10.482 ng
RT: 10.128 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

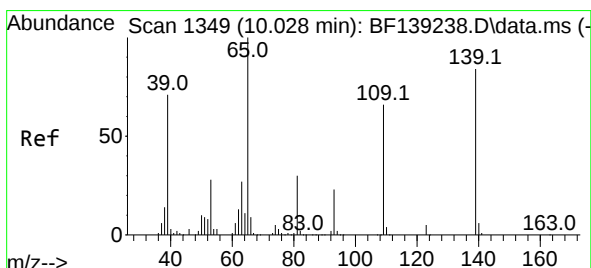
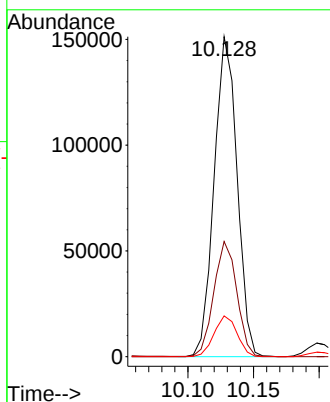
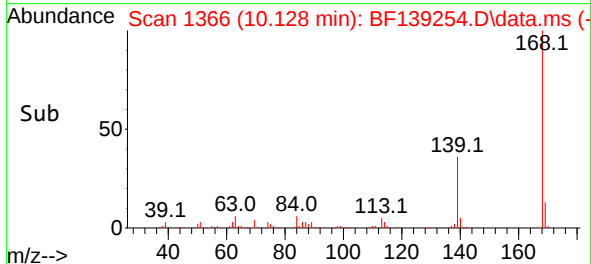
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



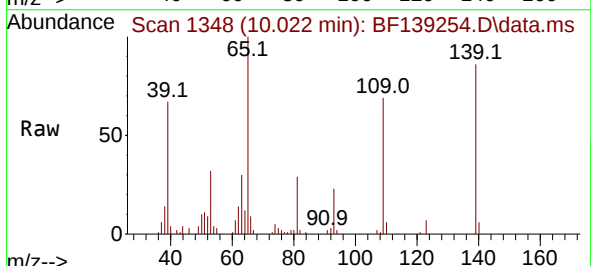
Tgt Ion:168 Resp: 18375
Ion Ratio Lower Upper
168 100
139 36.0 30.2 45.4
169 12.7 10.8 16.2

Manual Integrations
APPROVED

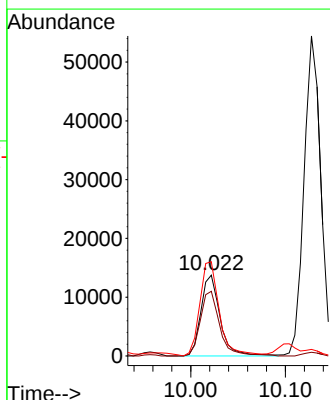
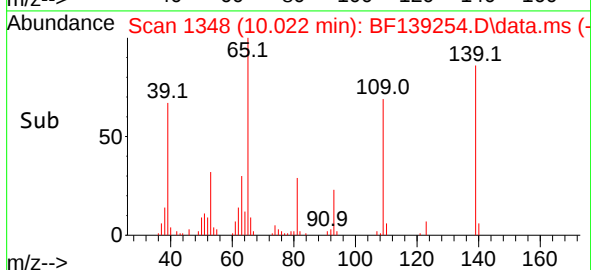
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

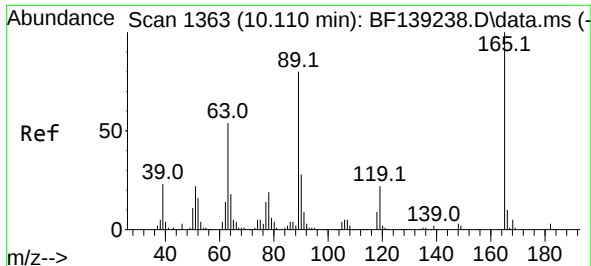


#56
4-Nitrophenol
Concen: 8.153 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03



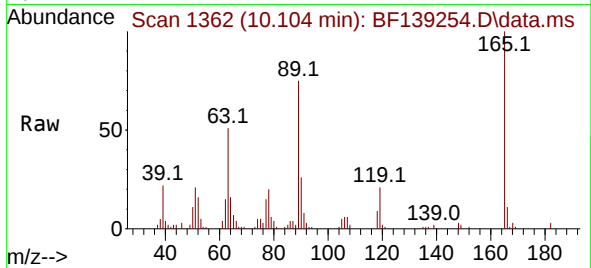
Tgt Ion:139 Resp: 19287
Ion Ratio Lower Upper
139 100
109 79.9 58.7 98.7
65 116.6 100.3 140.3





#57
2,4-Dinitrotoluene
Concen: 9.320 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

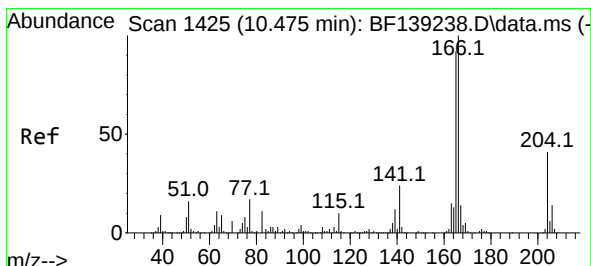
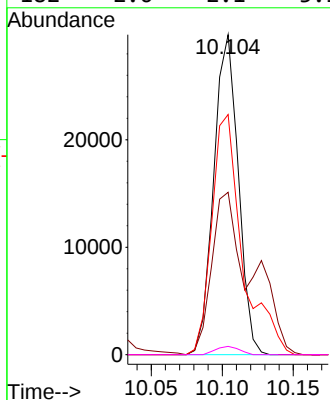
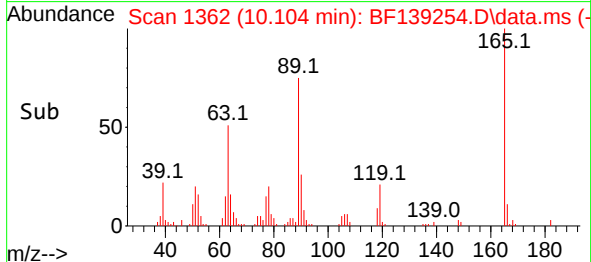
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:165 Resp: 3568
Ion Ratio Lower Upper
165 100
63 50.8 43.4 65.0
89 75.1 64.2 96.4
182 2.6 2.1 3.1

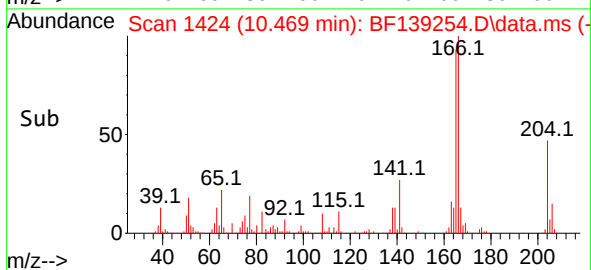
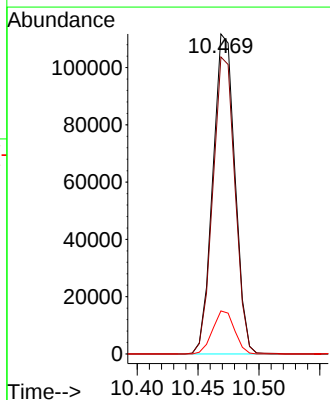
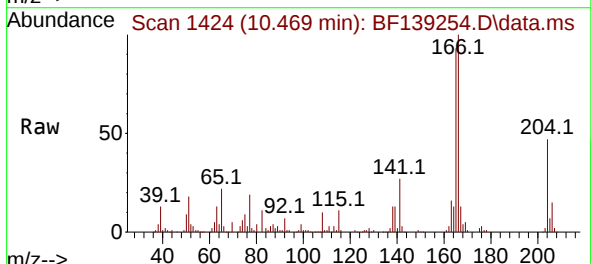
Manual Integrations
APPROVED

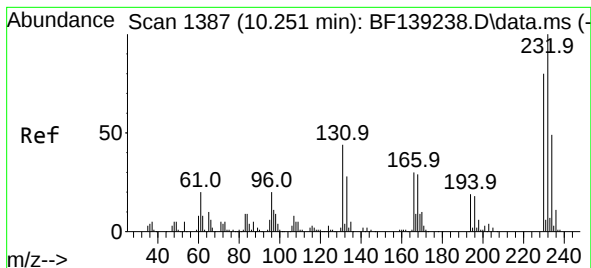
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#58
Fluorene
Concen: 10.383 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

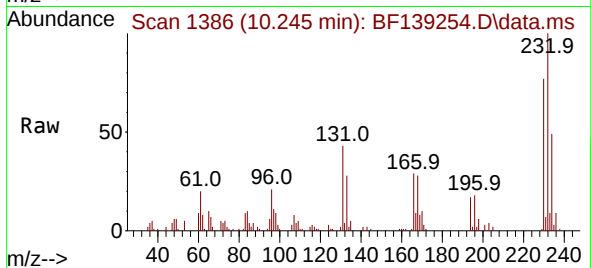
Tgt Ion:166 Resp: 141115
Ion Ratio Lower Upper
166 100
165 92.8 73.7 110.5
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 10.009 ng m
RT: 10.245 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

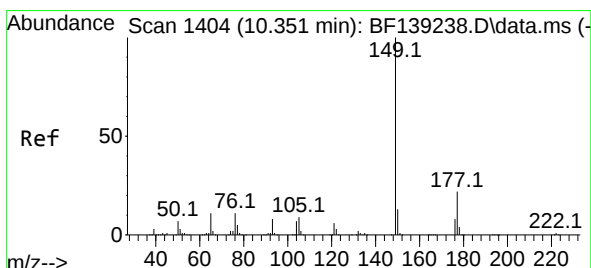
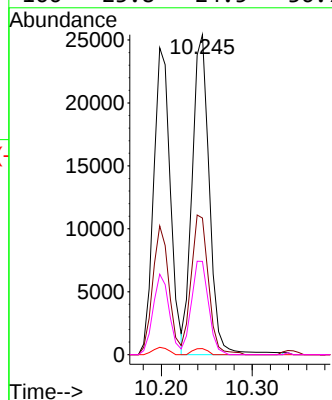
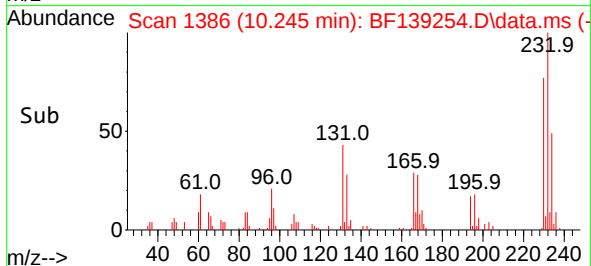
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:232 Resp: 33439
Ion Ratio Lower Upper
232 100
131 38.1 37.7 56.5
130 2.0 1.9 2.9
166 23.8 24.5 36.7#

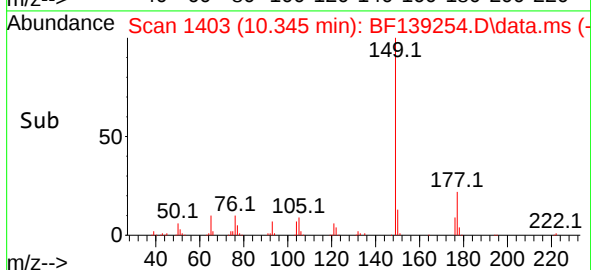
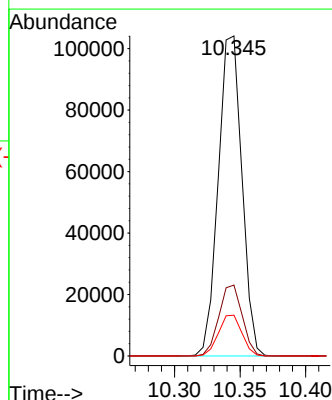
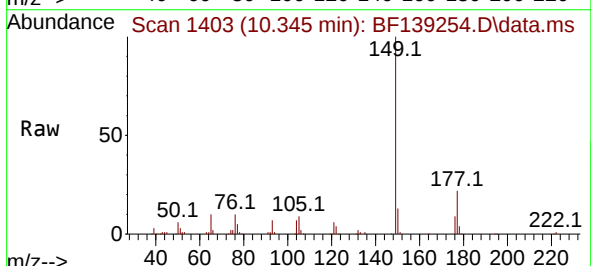
Manual Integrations
APPROVED

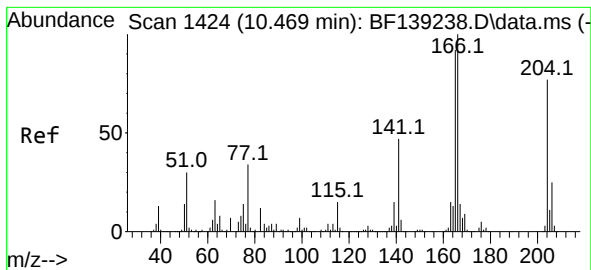
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#60
Diethylphthalate
Concen: 9.995 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

Tgt Ion:149 Resp: 130434
Ion Ratio Lower Upper
149 100
177 22.2 17.7 26.5
150 12.8 10.2 15.2





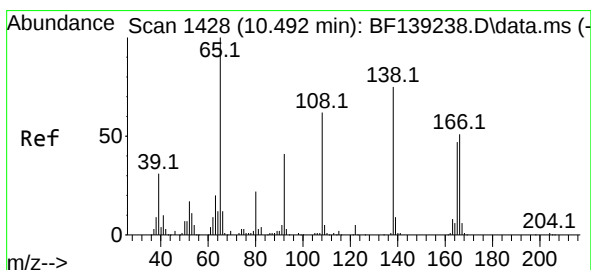
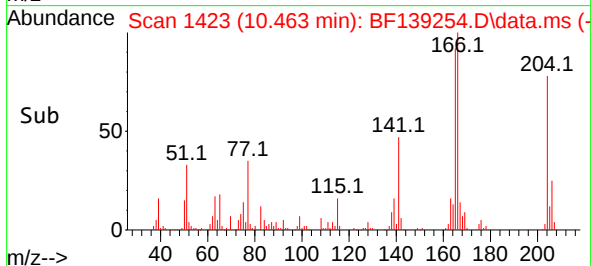
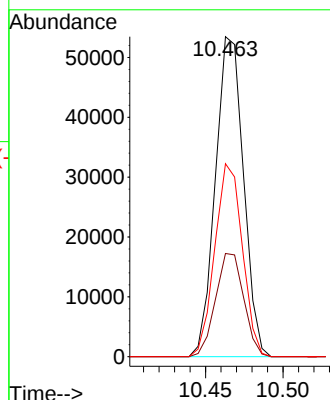
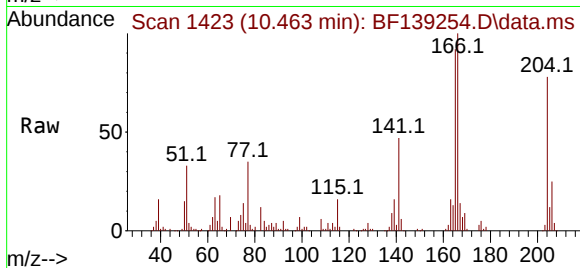
#61
4-Chlorophenyl-phenylether
Concen: 10.286 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

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

Tgt Ion:204 Resp: 67418
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.8
141 60.3 48.6 72.8

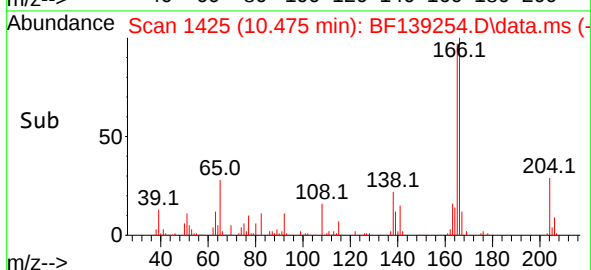
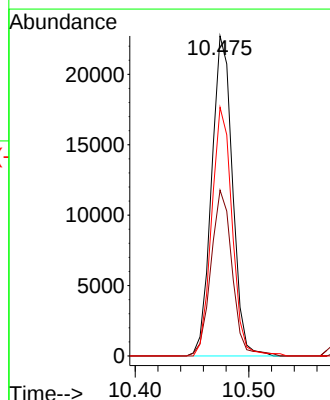
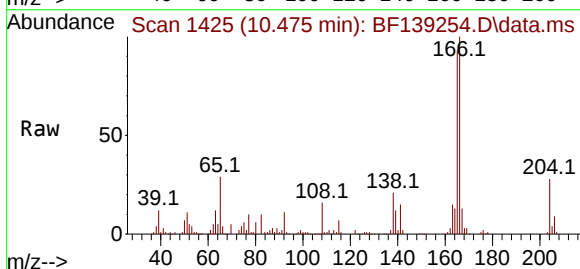
Manual Integrations
APPROVED

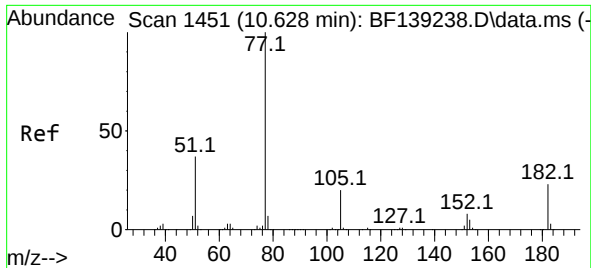
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#62
4-Nitroaniline
Concen: 9.521 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.018 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

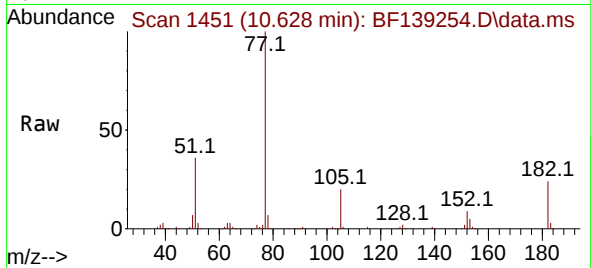
Tgt Ion:138 Resp: 29049
Ion Ratio Lower Upper
138 100
92 51.8 34.4 74.4
108 77.7 62.7 102.7





#63
Azobenzene
Concen: 10.184 ng
RT: 10.628 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

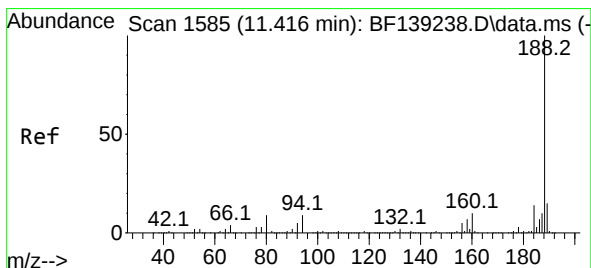
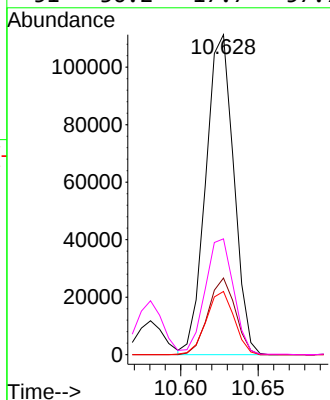
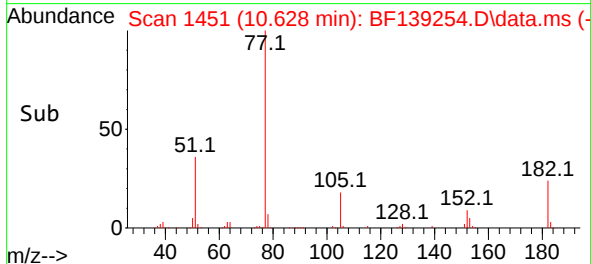
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



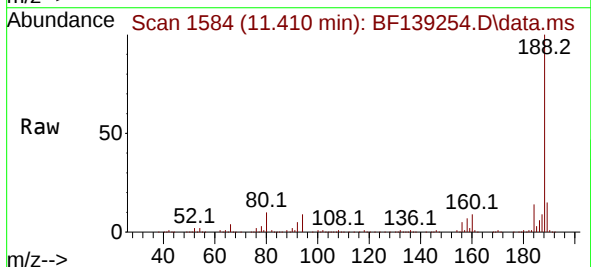
Tgt Ion: 77 Resp: 140065
Ion Ratio Lower Upper
77 100
182 24.0 3.0 43.0
105 19.8 0.0 39.4
51 36.2 17.7 57.7

Manual Integrations
APPROVED

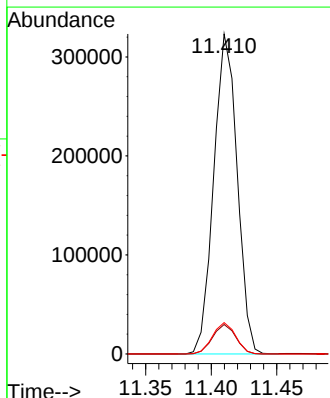
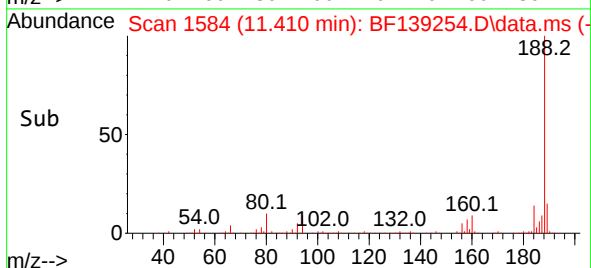
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

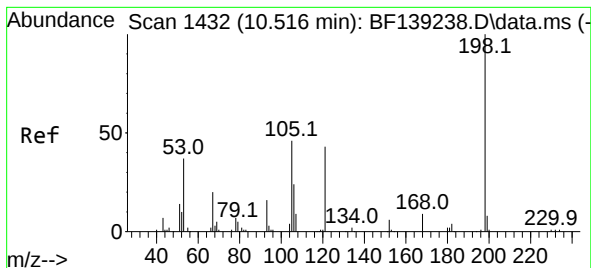


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03



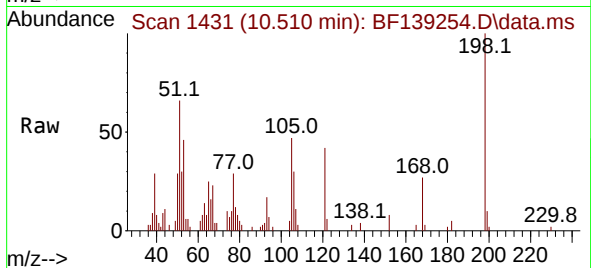
Tgt Ion:188 Resp: 401393
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 9.8 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 5.349 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

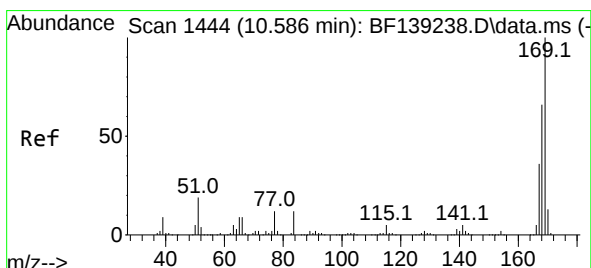
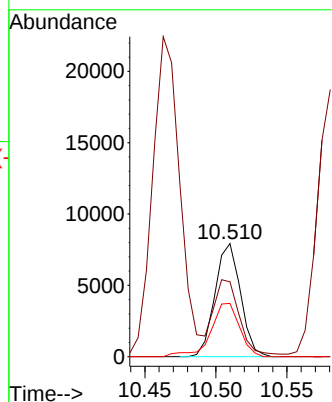
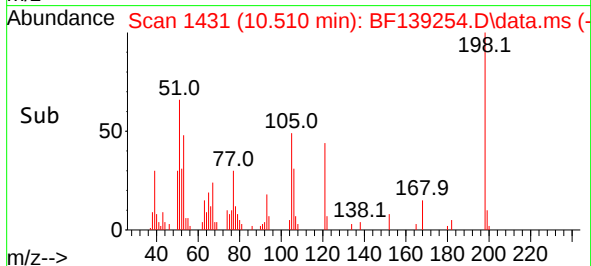
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



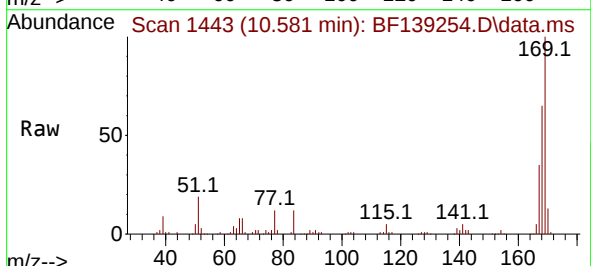
Tgt Ion:198 Resp: 9920
Ion Ratio Lower Upper
198 100
51 66.2 47.2 87.2
105 47.0 27.1 67.1

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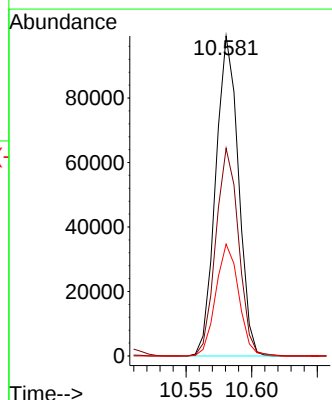
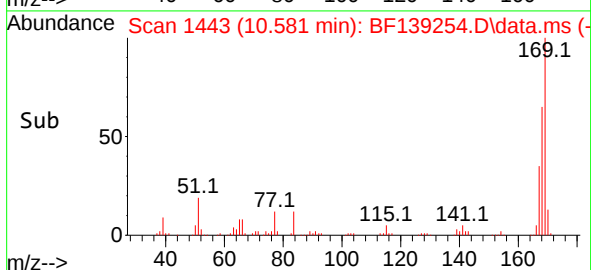
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

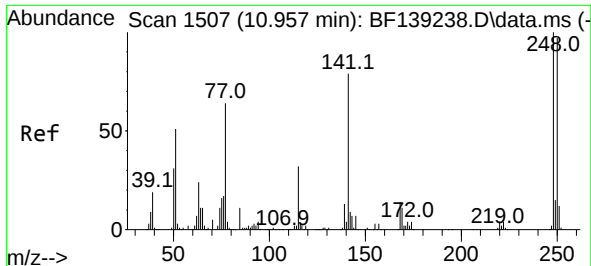


#66
n-Nitrosodiphenylamine
Concen: 10.225 ng
RT: 10.581 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03



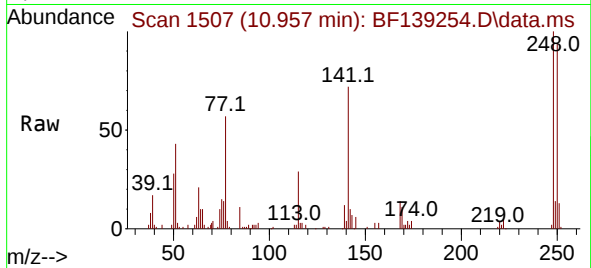
Tgt Ion:169 Resp: 119471
Ion Ratio Lower Upper
169 100
168 64.9 53.0 79.6
167 34.9 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 9.968 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

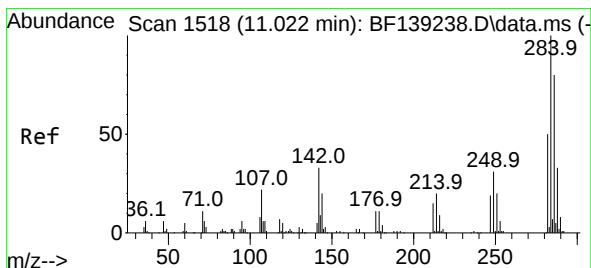
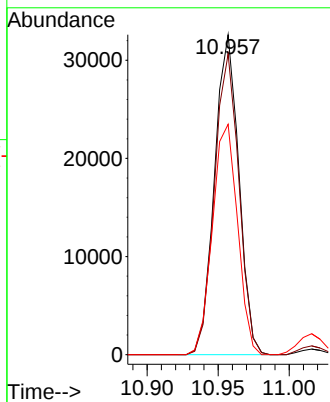
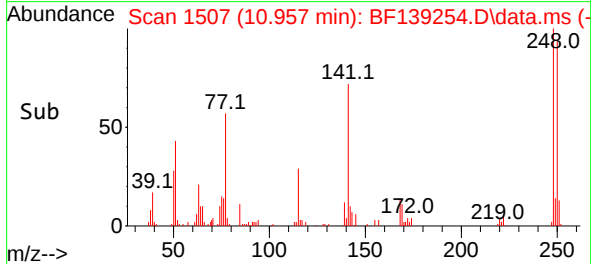
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



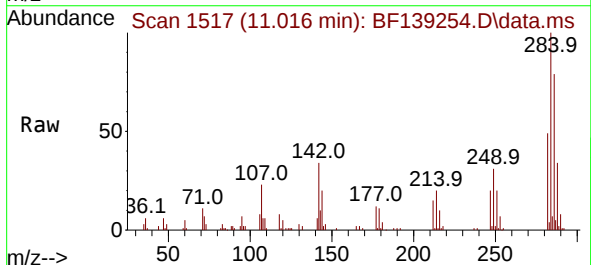
Tgt Ion:248 Resp: 3882
Ion Ratio Lower Upper
248 100
250 93.9 77.2 115.8
141 72.0 63.6 95.4

Manual Integrations
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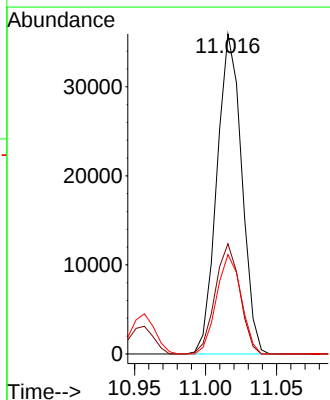
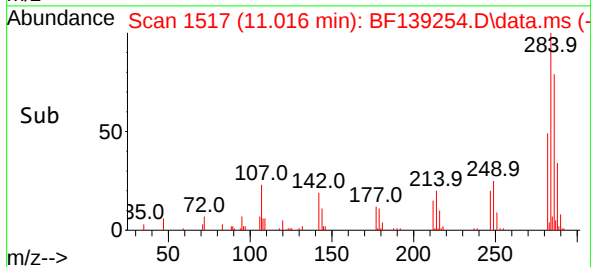
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

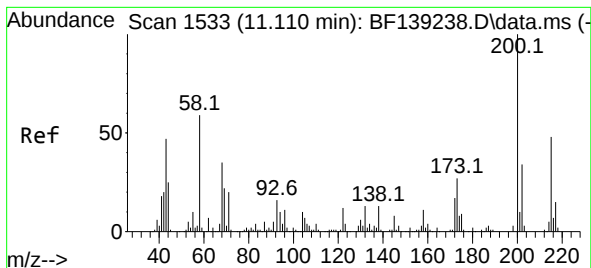


#68
Hexachlorobenzene
Concen: 9.795 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03



Tgt Ion:284 Resp: 43671
Ion Ratio Lower Upper
284 100
142 34.4 26.5 39.7
249 31.0 24.8 37.2





#69

Atrazine

Concen: 12.279 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

Instrument :

BNA_F

ClientSampleId :

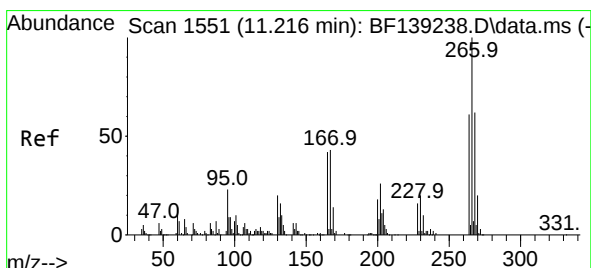
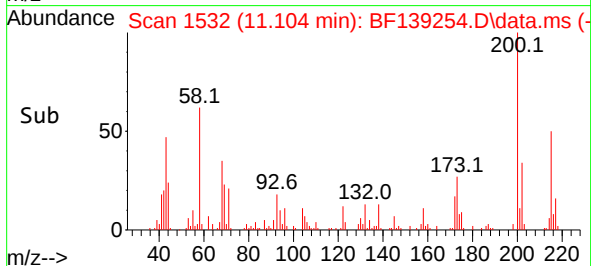
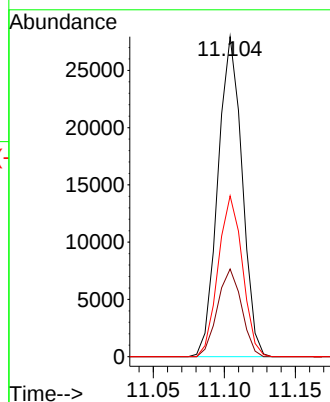
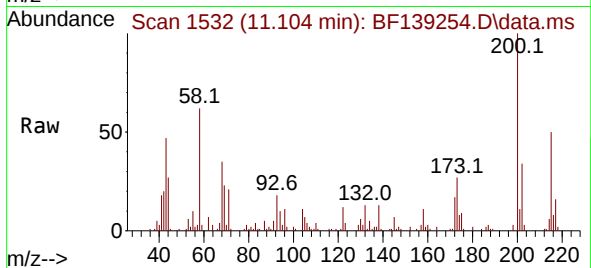
LOQ-SOIL-02-QT2-2024

Tgt Ion:200	Resp:	33100
Ion Ratio	Lower	Upper
200	100	
173	27.4	7.1 47.1
215	50.3	28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#70

Pentachlorophenol

Concen: 7.871 ng

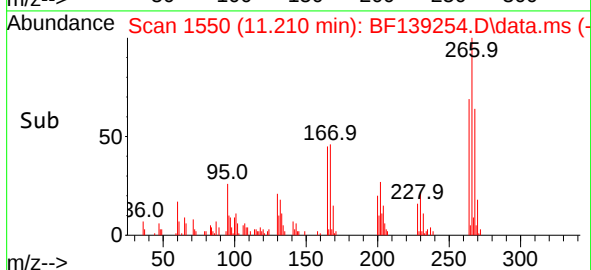
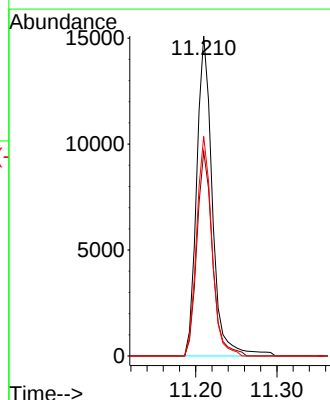
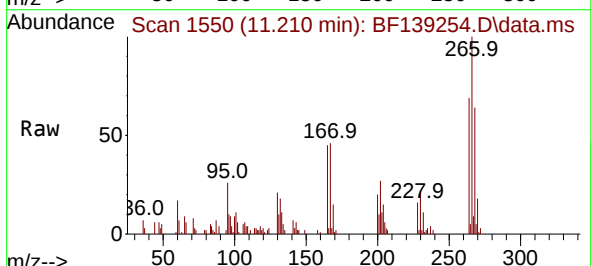
RT: 11.210 min Scan# 1550

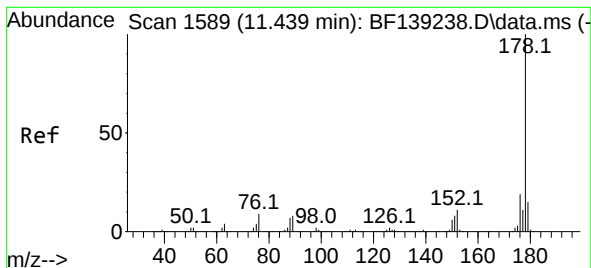
Delta R.T. -0.006 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

Tgt Ion:266	Resp:	20271
Ion Ratio	Lower	Upper
266	100	
268	63.9	49.7 74.5
264	68.6	49.2 73.8





#71

Phenanthrene

Concen: 10.530 ng

RT: 11.433 min Scan# 1588

Delta R.T. -0.006 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

Instrument :

BNA_F

ClientSampleId :

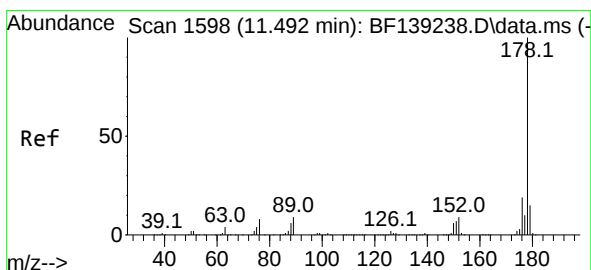
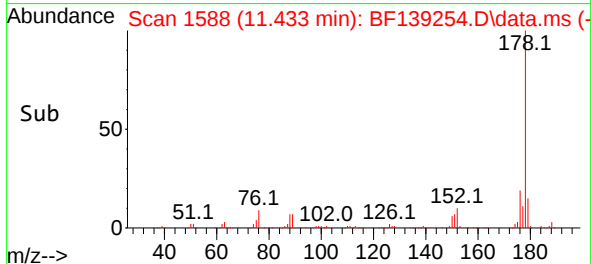
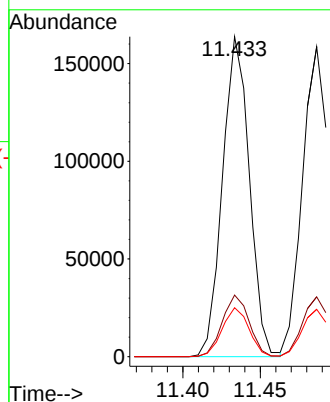
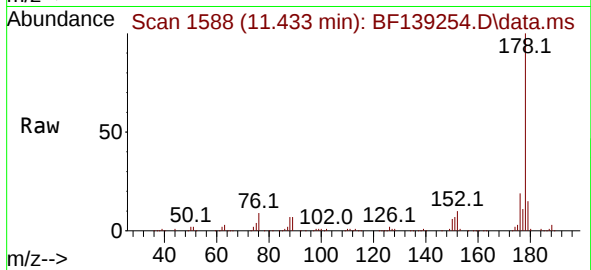
LOQ-SOIL-02-QT2-2024

Tgt Ion:178 Resp: 197440
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 15.3 12.3 18.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024



#72

Anthracene

Concen: 10.502 ng

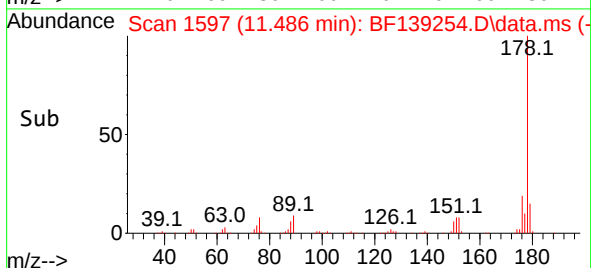
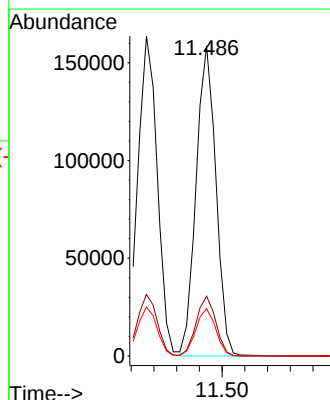
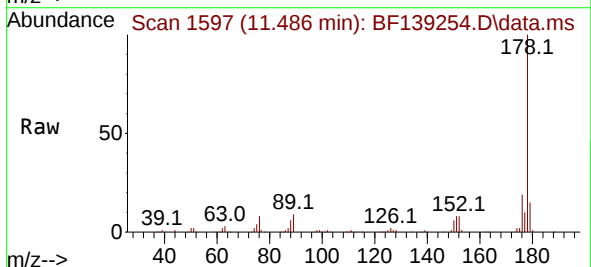
RT: 11.486 min Scan# 1597

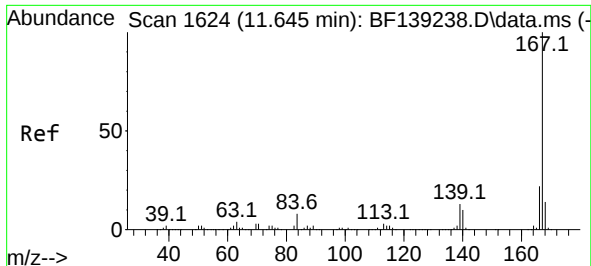
Delta R.T. -0.006 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

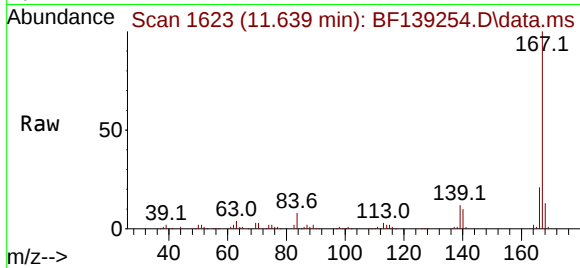
Tgt Ion:178 Resp: 192377
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.0 22.4
 179 15.3 12.3 18.5





#73
 Carbazole
 Concen: 10.208 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. -0.006 min
 Lab File: BF139254.D
 Acq: 05 Sep 2024 11:03

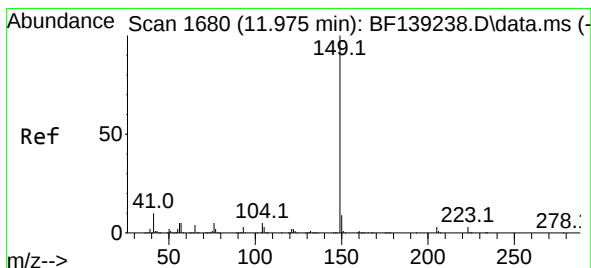
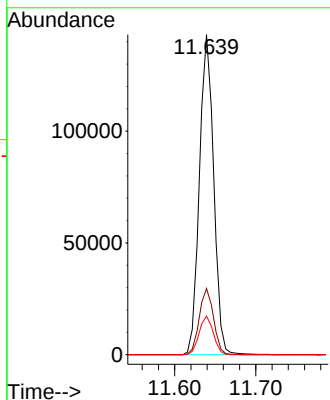
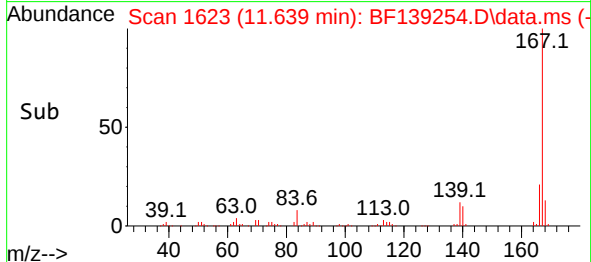
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024



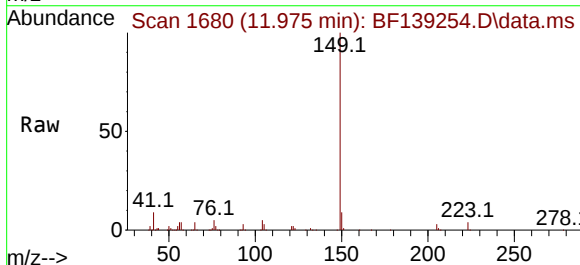
Tgt Ion:167 Resp: 174759
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.2 25.8
 139 12.1 10.2 15.4

Manual Integrations
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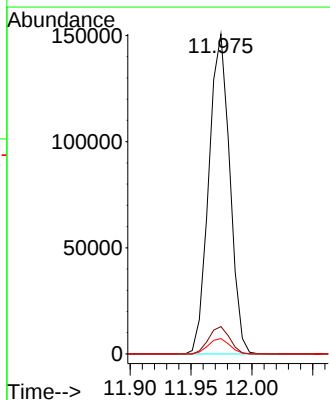
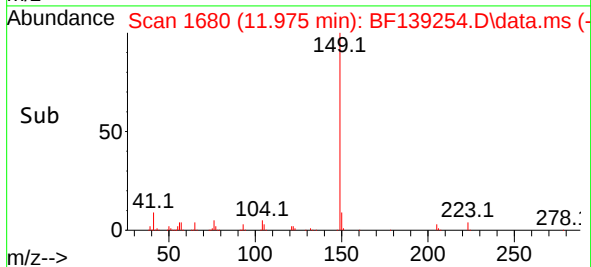
Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024

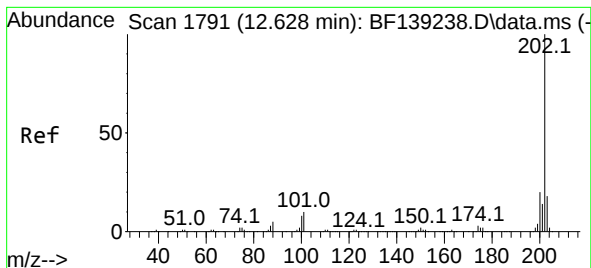


#74
 Di-n-butylphthalate
 Concen: 10.287 ng
 RT: 11.975 min Scan# 1680
 Delta R.T. -0.000 min
 Lab File: BF139254.D
 Acq: 05 Sep 2024 11:03



Tgt Ion:149 Resp: 180318
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.5 11.3
 104 4.8 3.9 5.9





#75

Fluoranthene

Concen: 10.331 ng

RT: 12.622 min Scan# 1791

Delta R.T. -0.006 min

Lab File: BF139254.D

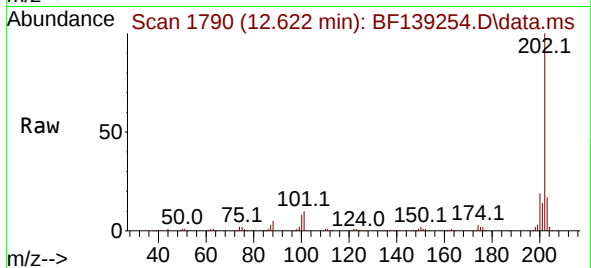
Acq: 05 Sep 2024 11:03

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2024



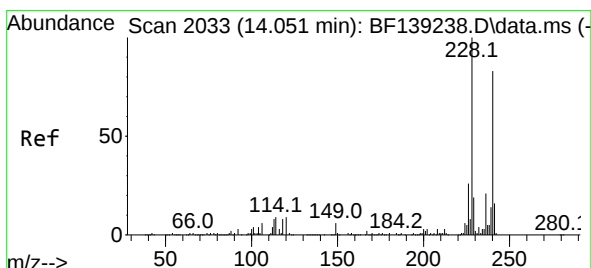
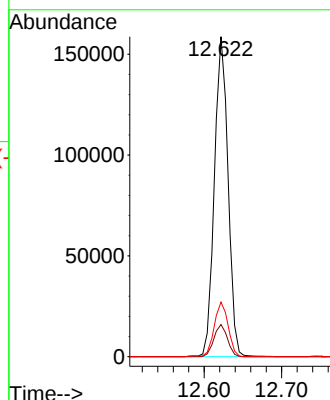
Tgt Ion:202 Resp: 194210

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.9
203	17.1	0.0	37.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#76

Chrysene-d12

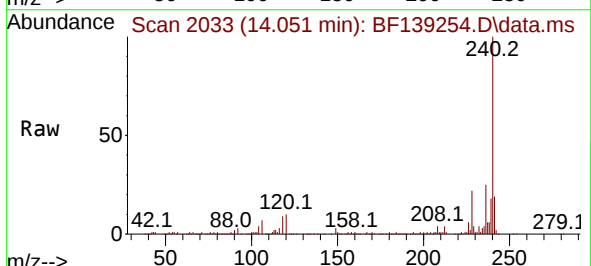
Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

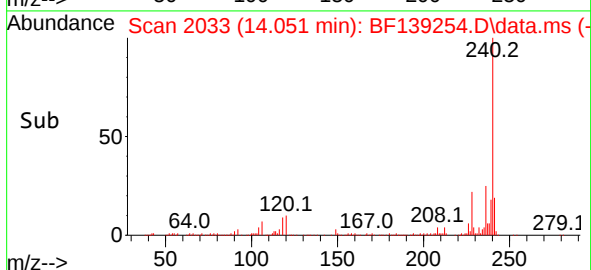
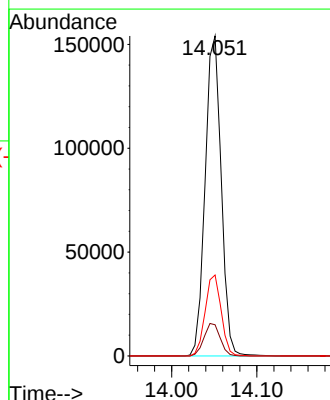
Lab File: BF139254.D

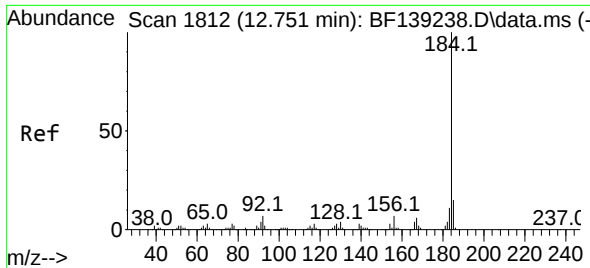
Acq: 05 Sep 2024 11:03



Tgt Ion:240 Resp: 201445

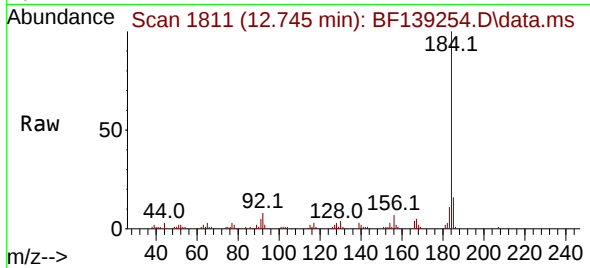
Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.6	12.8
236	25.3	20.7	31.1





#77
Benzidine
Concen: 12.492 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

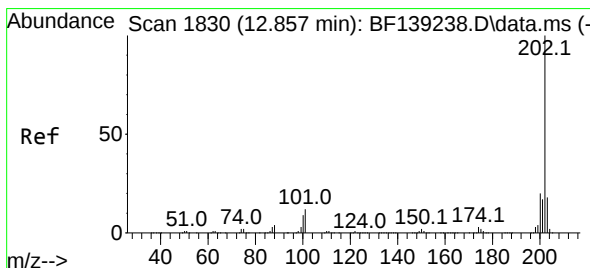
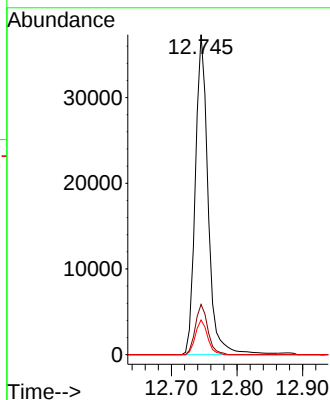
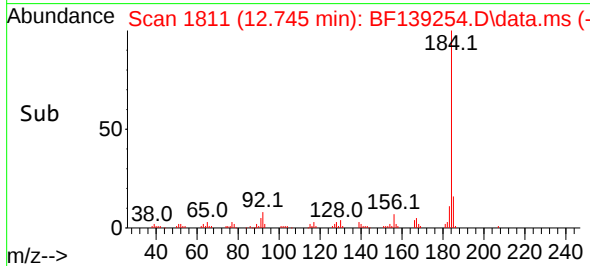
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



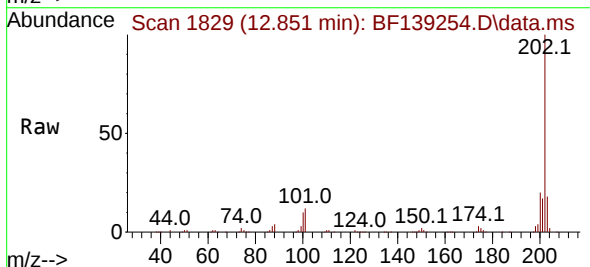
Tgt Ion:184 Resp: 5067
Ion Ratio Lower Upper
184 100
185 15.7 11.9 17.9
183 10.8 8.8 13.2

Manual Integrations
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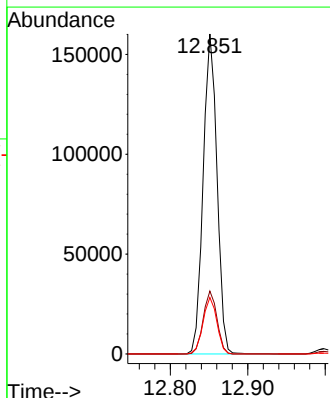
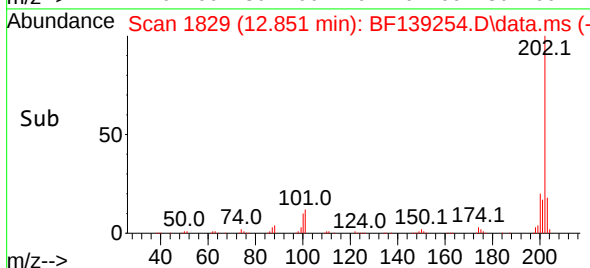
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

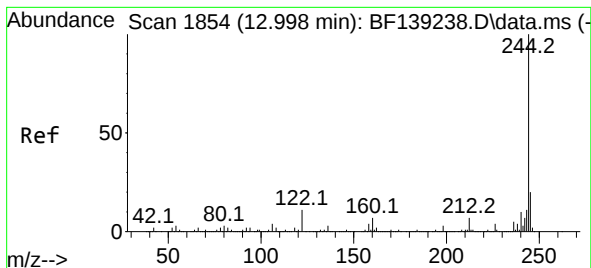


#78
Pyrene
Concen: 10.187 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03



Tgt Ion:202 Resp: 198239
Ion Ratio Lower Upper
202 100
200 19.7 15.8 23.8
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 80.077 ng

RT: 12.998 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

Instrument :

BNA_F

ClientSampleId :

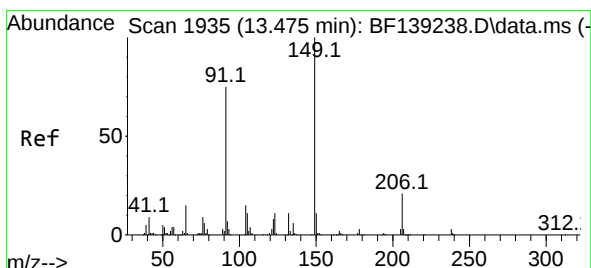
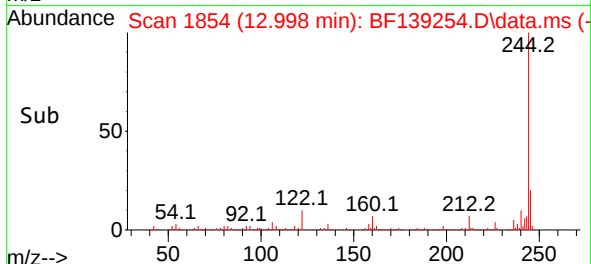
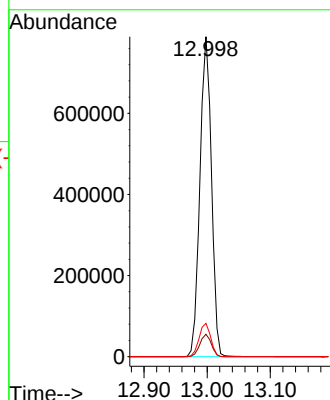
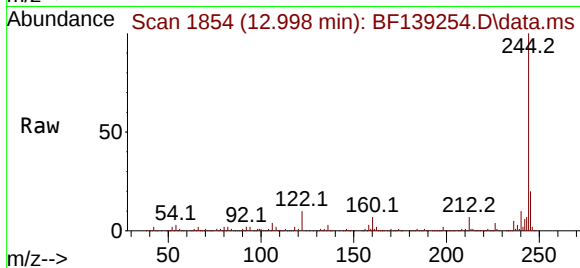
LOQ-SOIL-02-QT2-2024

Tgt Ion:244	Resp: 999088
Ion Ratio	Lower Upper
244 100	
212 7.0	5.9 8.9
122 10.4	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#80

Butylbenzylphthalate

Concen: 9.379 ng

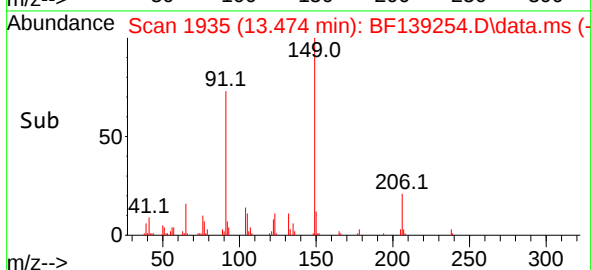
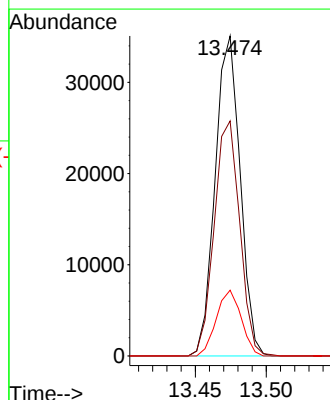
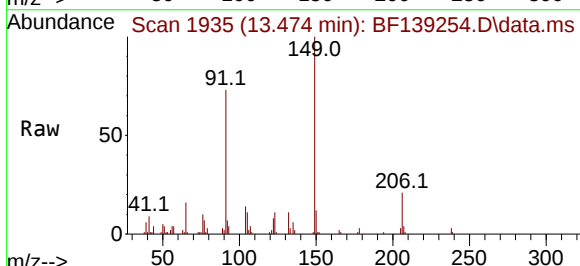
RT: 13.474 min Scan# 1935

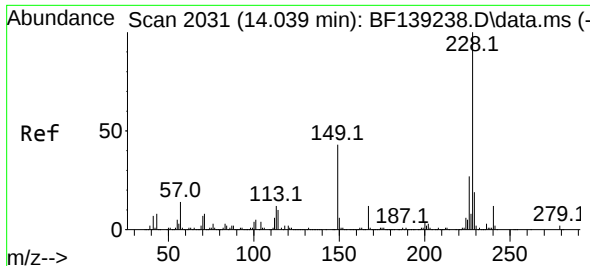
Delta R.T. -0.000 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

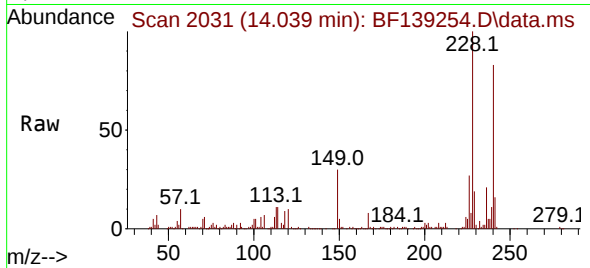
Tgt Ion:149	Resp: 42964
Ion Ratio	Lower Upper
149 100	
91 73.5	60.3 90.5
206 20.6	16.7 25.1





#81
Benzo(a)anthracene
Concen: 10.270 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

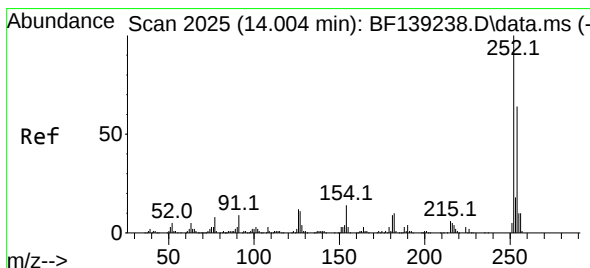
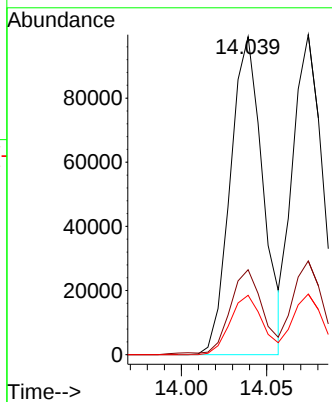
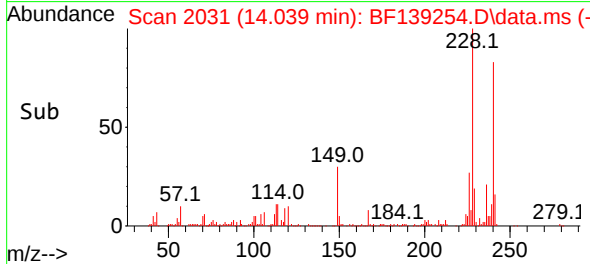
Instrument : BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



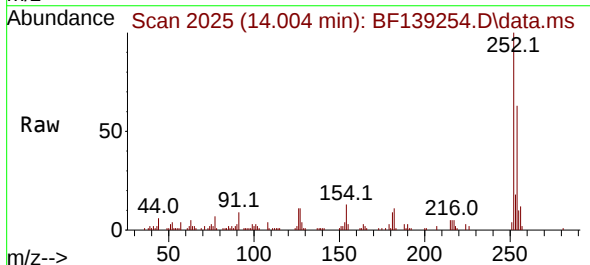
Tgt Ion:228 Resp: 132108
Ion Ratio Lower Upper
228 100
226 26.7 21.5 32.3
229 18.6 15.6 23.4

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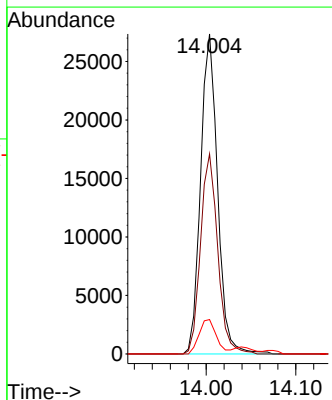
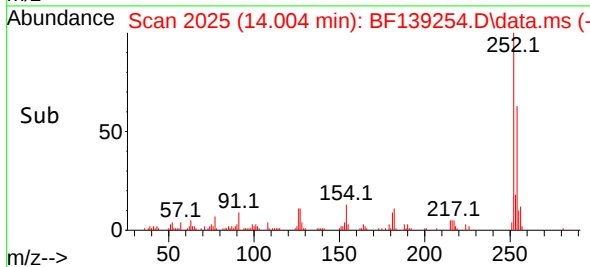
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

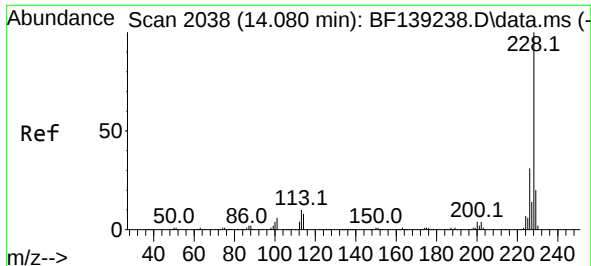


#82
3,3'-Dichlorobenzidine
Concen: 10.526 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03



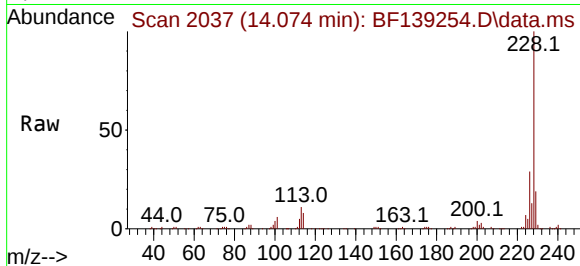
Tgt Ion:252 Resp: 35957
Ion Ratio Lower Upper
252 100
254 62.5 51.5 77.3
126 10.7 9.2 13.8





#83
Chrysene
Concen: 10.198 ng
RT: 14.074 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

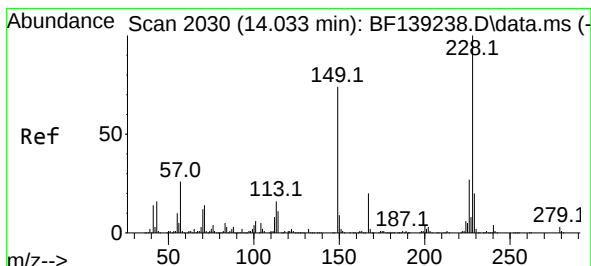
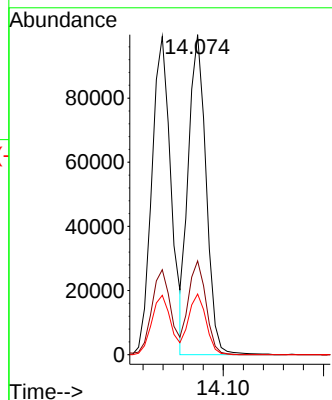
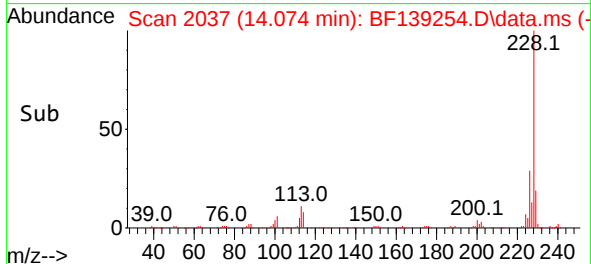
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT2-2024



Tgt Ion:228 Resp: 122429
Ion Ratio Lower Upper
228 100
226 29.3 23.8 35.8
229 18.9 15.8 23.6

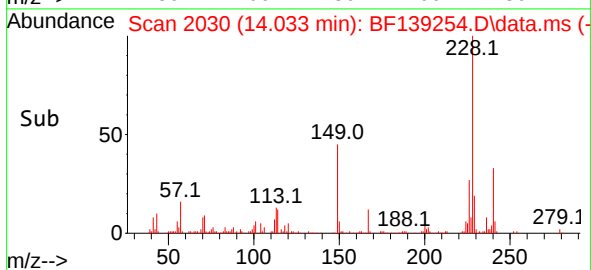
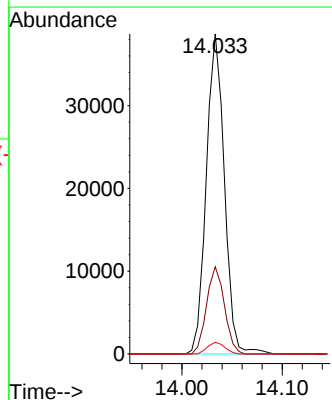
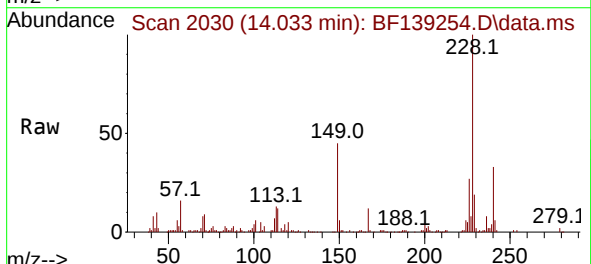
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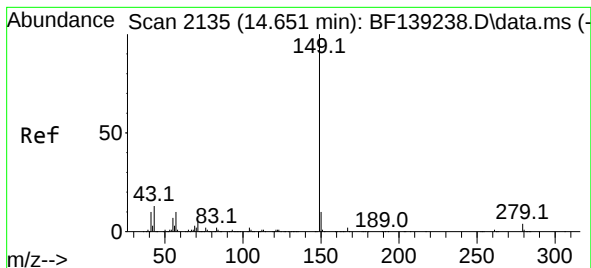
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.012 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

Tgt Ion:149 Resp: 48454
Ion Ratio Lower Upper
149 100
167 27.2 21.8 32.6
279 3.6 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 6.984 ng

RT: 14.651 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

Instrument :

BNA_F

ClientSampleId :

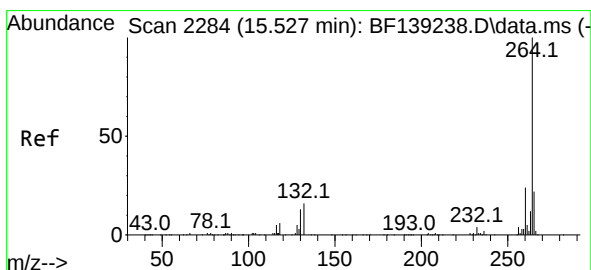
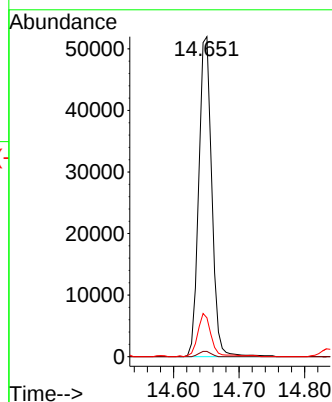
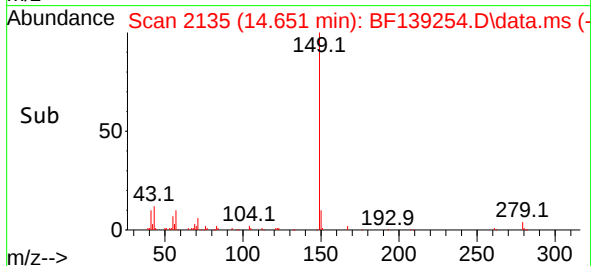
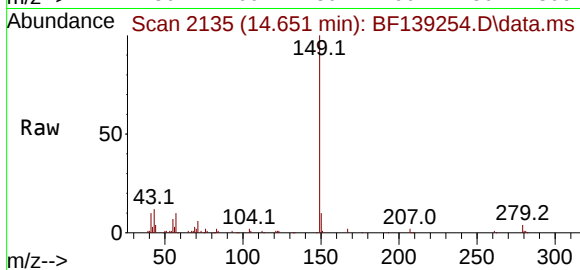
LOQ-SOIL-02-QT2-2024

Tgt Ion:	149	Resp:	7189
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	14.1	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#86

Perylene-d12

Concen: 20.000 ng

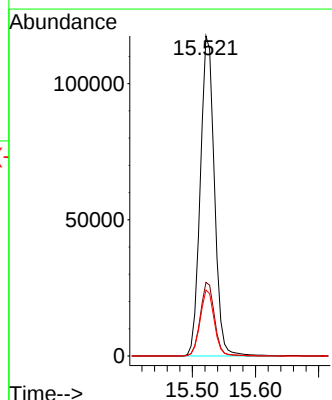
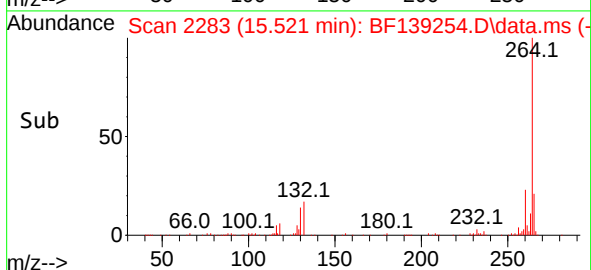
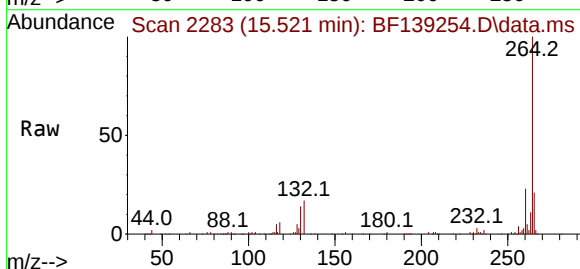
RT: 15.521 min Scan# 2283

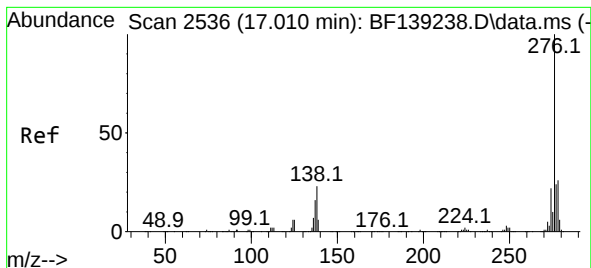
Delta R.T. -0.006 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

Tgt Ion:	264	Resp:	182497
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.8	28.2
265	20.6	17.3	25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.513 ng

RT: 16.998 min Scan# 2110

Delta R.T. -0.012 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

Instrument :

BNA_F

ClientSampleId :

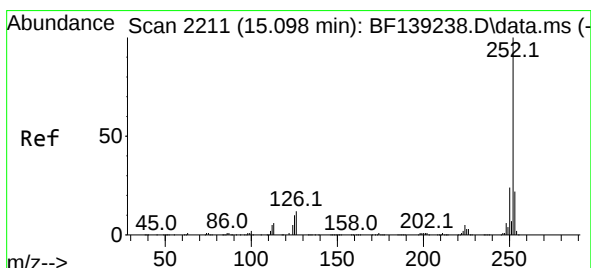
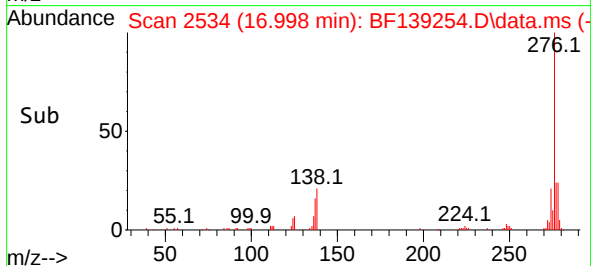
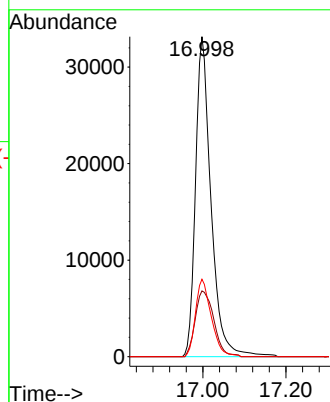
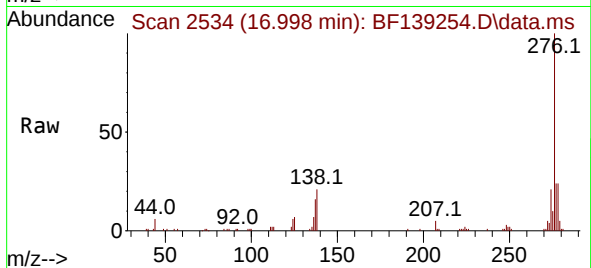
LOQ-SOIL-02-QT2-2024

Tgt Ion:	276	Resp:	85650
Ion Ratio	Lower	Upper	
276	100		
138	24.7	20.4	30.6
277	24.7	20.3	30.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#88

Benzo(b)fluoranthene

Concen: 9.842 ng

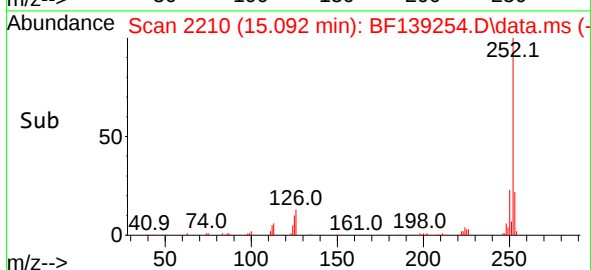
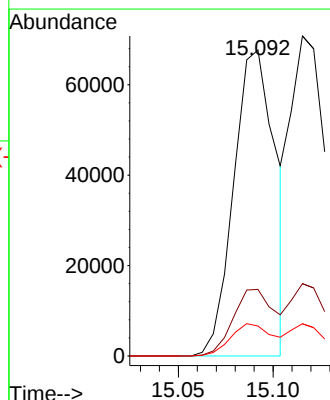
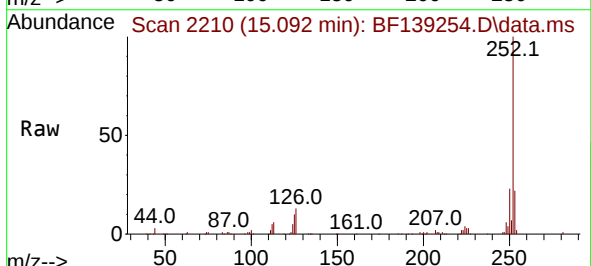
RT: 15.092 min Scan# 2210

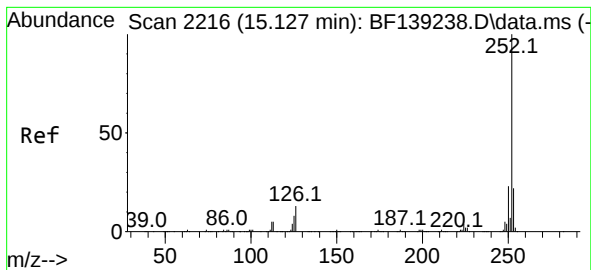
Delta R.T. -0.006 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

Tgt Ion:	252	Resp:	103436
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.6	26.4
125	9.8	7.6	11.4





#89

Benzo(k)fluoranthene

Concen: 10.428 ng

RT: 15.116 min Scan# 2214

Delta R.T. -0.012 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

Instrument :

BNA_F

ClientSampleId :

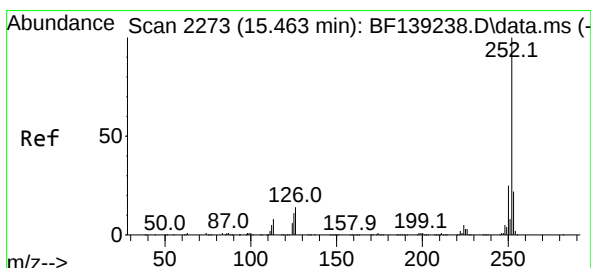
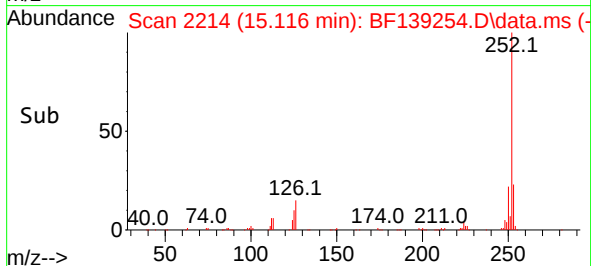
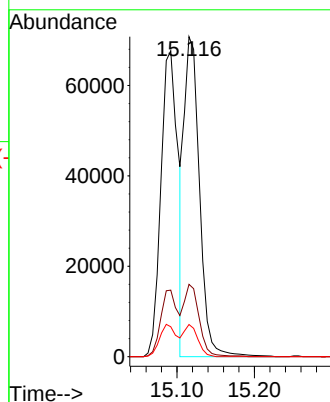
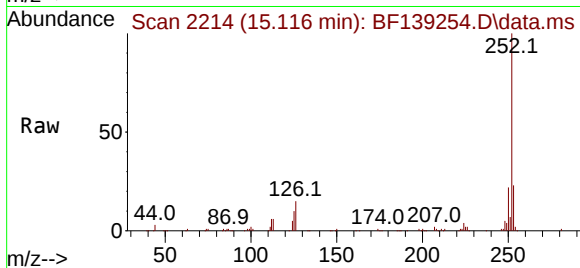
LOQ-SOIL-02-QT2-2024

Tgt Ion:	252	Resp:	98264
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.6	26.4
125	10.0	7.2	10.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#90

Benzo(a)pyrene

Concen: 10.341 ng

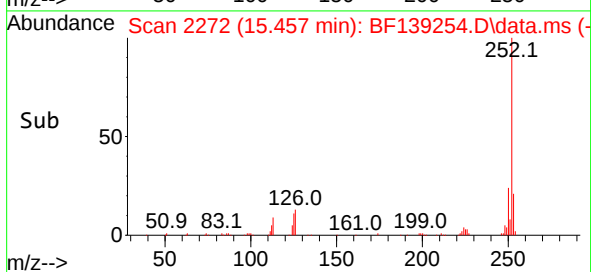
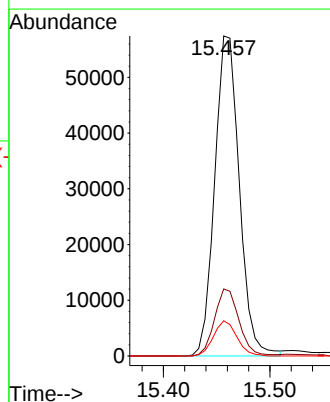
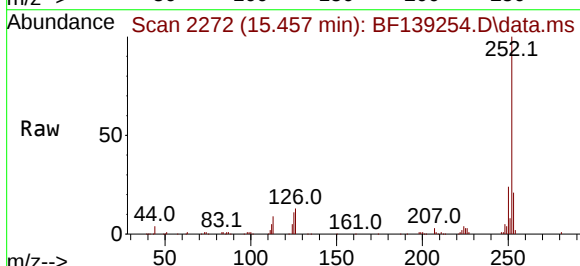
RT: 15.457 min Scan# 2272

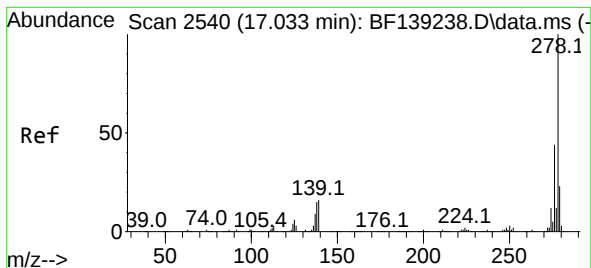
Delta R.T. -0.006 min

Lab File: BF139254.D

Acq: 05 Sep 2024 11:03

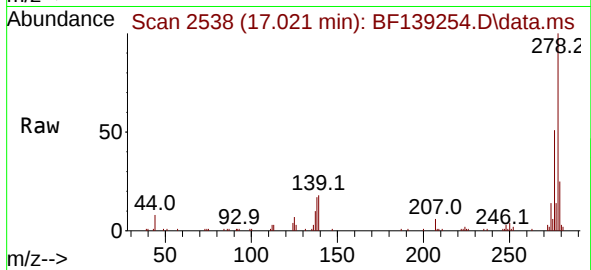
Tgt Ion:	252	Resp:	92289
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.5	26.3
125	11.0	8.6	13.0





#91
Dibenzo(a,h)anthracene
Concen: 7.161 ng
RT: 17.021 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

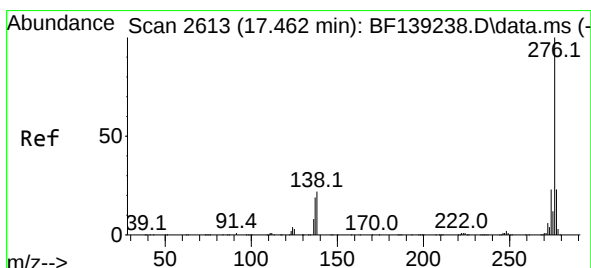
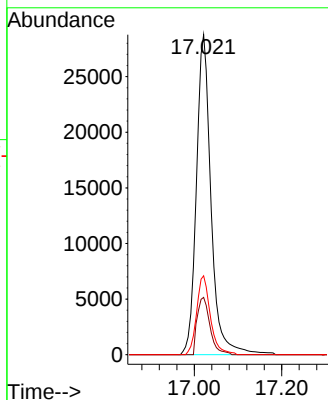
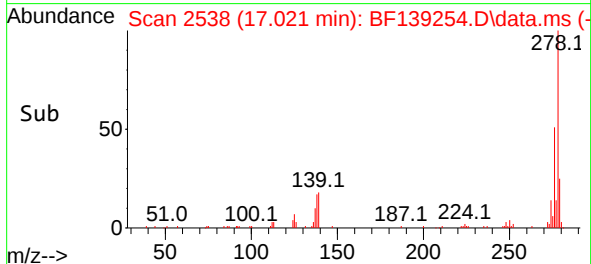
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:278 Resp: 6727
Ion Ratio Lower Upper
278 100
139 17.9 12.6 19.0
279 24.7 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#92
Benzo(g,h,i)perylene
Concen: 6.769 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.018 min
Lab File: BF139254.D
Acq: 05 Sep 2024 11:03

Tgt Ion:276 Resp: 65644
Ion Ratio Lower Upper
276 100
277 25.1 18.6 27.8
138 21.5 17.4 26.0

