

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
 Data File : BF139253.D
 Acq On : 05 Sep 2024 10:35
 Operator : RC/JU
 Sample : P2403-02
 Misc : LOQ-SOIL-5 ng
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 05 10:57:16 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	136285	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	506395	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	272876	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	497374	20.000	ng	0.00
76) Chrysene-d12	14.051	240	244312	20.000	ng	0.00
86) Perylene-d12	15.521	264	229916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	777140	95.392	ng	0.00
7) Phenol-d6	6.510	99	1047202	96.287	ng	0.00
23) Nitrobenzene-d5	7.451	82	731682	75.167	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	223458	94.833	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1300417	73.564	ng	0.00
79) Terphenyl-d14	12.998	244	1156260	76.414	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	16570	4.368	ng	94
3) Pyridine	3.463	79	35463	3.872	ng	96
4) n-Nitrosodimethylamine	3.369	42	25300	4.254	ng	100
6) Aniline	6.551	93	53161	5.316	ng	97
8) 2-Chlorophenol	6.669	128	39436	4.671	ng	89
9) Benzaldehyde	6.439	77	35037	5.322	ng	99
10) Phenol	6.528	94	52784	4.601	ng	84
11) bis(2-Chloroethyl)ether	6.622	93	39425	4.797	ng	100
12) 1,3-Dichlorobenzene	6.828	146	42529	4.450	ng	99
13) 1,4-Dichlorobenzene	6.904	146	44151	4.616	ng	97
14) 1,2-Dichlorobenzene	7.057	146	41405	4.641	ng	98
15) Benzyl Alcohol	7.022	79	42740	5.389	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	75995	4.857	ng	99
17) 2-Methylphenol	7.128	107	29532	4.282	ng	99
18) Hexachloroethane	7.398	117	14583	4.269	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	30020	4.793	ng	98
20) 3+4-Methylphenols	7.287	107	39299	4.521	ng	# 80
22) Acetophenone	7.292	105	56819	4.710	ng	95
24) Nitrobenzene	7.469	77	47473	4.595	ng	99
25) Isophorone	7.698	82	77918	4.682	ng	99
26) 2-Nitrophenol	7.781	139	16782	4.136	ng	98
27) 2,4-Dimethylphenol	7.816	122	26972m	4.661	ng	
28) bis(2-Chloroethoxy)met...	7.916	93	46162	4.656	ng	98
29) 2,4-Dichlorophenol	8.022	162	30027	4.333	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	35667	4.507	ng	99
31) Naphthalene	8.192	128	119123	4.645	ng	99
32) Benzoic acid	7.863	122	11807m	2.240	ng	
33) 4-Chloroaniline	8.239	127	43250	4.871	ng	97
34) Hexachlorobutadiene	8.310	225	21912	4.370	ng	97
35) Caprolactam	8.563	113	8962	4.178	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	32400	4.291	ng	96
37) 2-Methylnaphthalene	8.881	142	75082	4.680	ng	98
38) 1-Methylnaphthalene	8.981	142	70024	4.438	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	36291	4.701	ng	98
41) Hexachlorocyclopentadiene	9.033	237	6630	2.672	ng	95
43) 2,4,6-Trichlorophenol	9.157	196	21565	4.269	ng	100

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 LOQ-SOIL-02-QT2-2024

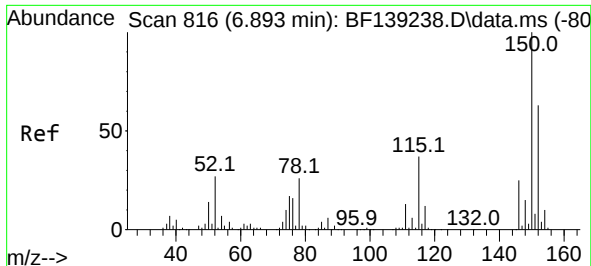
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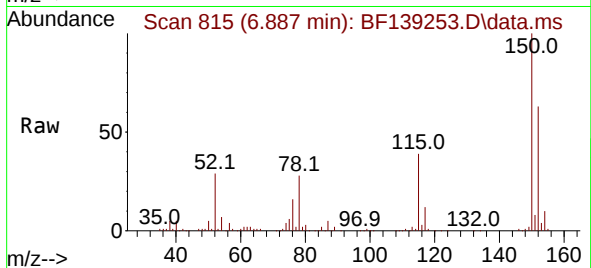
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	22851	4.317	ng	99
46) 1,1'-Biphenyl	9.345	154	98034	4.849	ng	99
47) 2-Chloronaphthalene	9.369	162	70881	4.643	ng	97
48) 2-Nitroaniline	9.463	65	22037	4.191	ng	97
49) Acenaphthylene	9.786	152	113504	4.937	ng	99
50) Dimethylphthalate	9.639	163	77704	4.698	ng	100
51) 2,6-Dinitrotoluene	9.704	165	15394	4.103	ng	96
52) Acenaphthene	9.957	154	67868	4.450	ng	99
53) 3-Nitroaniline	9.869	138	16938	4.237	ng	96
54) 2,4-Dinitrophenol	9.975	184	1952	8.425	ng	# 1
55) Dibenzofuran	10.128	168	107354	4.910	ng	98
56) 4-Nitrophenol	10.022	139	8303	2.814	ng	95
57) 2,4-Dinitrotoluene	10.104	165	18796	3.936	ng	96
58) Fluorene	10.469	166	81726	4.821	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	18117	4.348	ng	# 95
60) Diethylphthalate	10.339	149	73552	4.519	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	38267	4.681	ng	98
62) 4-Nitroaniline	10.475	138	15537	4.083	ng	93
63) Azobenzene	10.627	77	78811	4.594	ng	96
66) n-Nitrosodiphenylamine	10.580	169	67331	4.651	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	21561	4.468	ng	97
68) Hexachlorobenzene	11.016	284	25268	4.574	ng	100
69) Atrazine	11.104	200	18630	5.577	ng	98
70) Pentachlorophenol	11.210	266	7840	2.457	ng	97
71) Phenanthrene	11.433	178	112990	4.863	ng	99
72) Anthracene	11.486	178	104964	4.624	ng	99
73) Carbazole	11.639	167	96226	4.536	ng	99
74) Di-n-butylphthalate	11.974	149	97490	4.488	ng	100
75) Fluoranthene	12.621	202	107577	4.618	ng	98
77) Benzidine	12.745	184	13148	2.673	ng	96
78) Pyrene	12.851	202	108738	4.607	ng	99
80) Butylbenzylphthalate	13.474	149	22027	3.965	ng	97
81) Benzo(a)anthracene	14.039	228	71441	4.579	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	18128	4.376	ng	99
83) Chrysene	14.074	228	65956	4.530	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	24571	3.768	ng	99
85) Di-n-octyl phthalate	14.645	149	38332	3.070	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.998	276	48637	3.386	ng	98
88) Benzo(b)fluoranthene	15.092	252	54986	4.153	ng	99
89) Benzo(k)fluoranthene	15.121	252	54949	4.628	ng	99
90) Benzo(a)pyrene	15.457	252	48672	4.329	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	37112	3.135	ng	98
92) Benzo(g,h,i)perylene	17.445	276	37705	3.086	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# 816
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

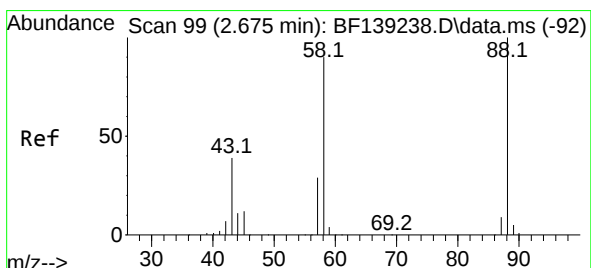
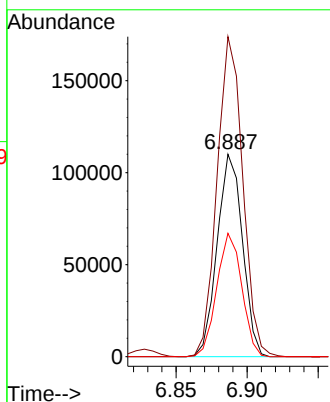
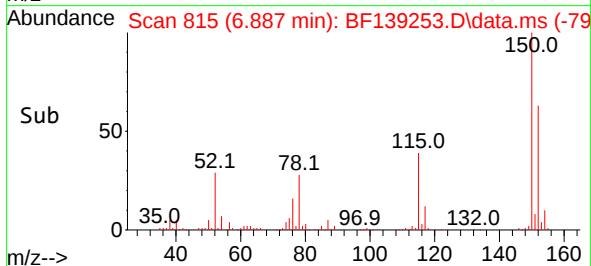
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:152 Resp: 136285
Ion Ratio Lower Upper
152 100
150 158.1 127.0 190.4
115 60.9 46.9 70.3

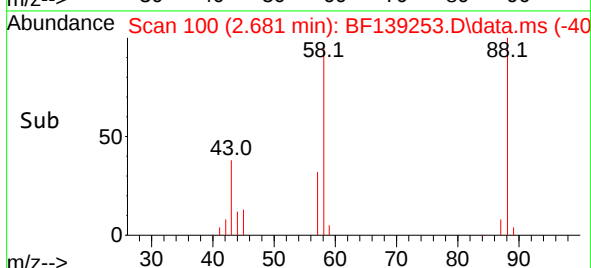
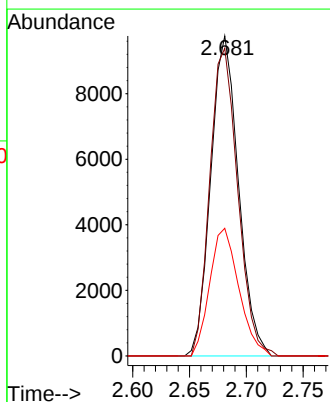
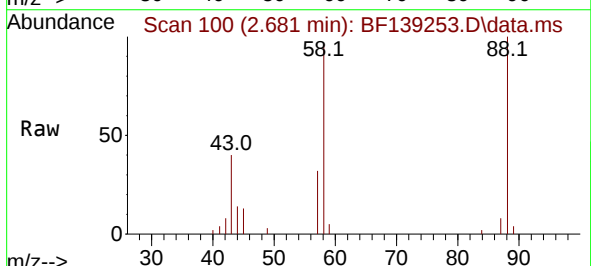
Manual Integrations
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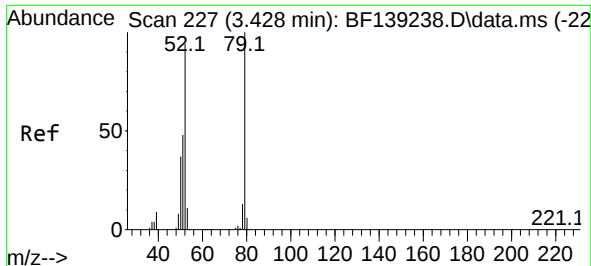
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#2
1,4-Dioxane
Concen: 4.368 ng
RT: 2.681 min Scan# 100
Delta R.T. 0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

Tgt Ion: 88 Resp: 16570
Ion Ratio Lower Upper
88 100
58 96.8 72.5 108.7
43 41.9 31.4 47.2





#3

Pyridine

Concen: 3.872 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF139253.D

Acq: 05 Sep 2024 10:35

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion: 79 Resp: 3546

Ion Ratio Lower Upper

79 100

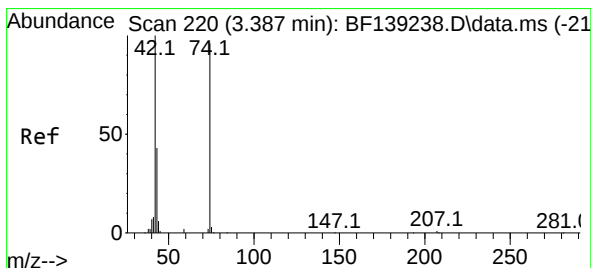
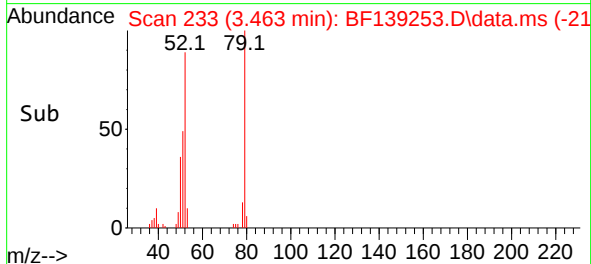
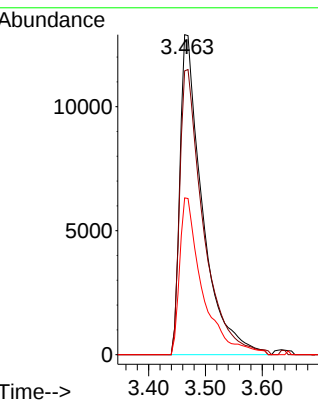
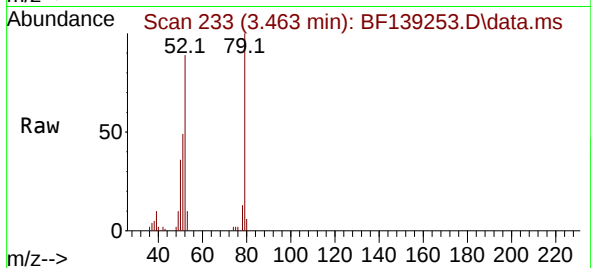
52 88.7 75.3 112.9

51 49.0 38.2 57.2

Manual Integrations

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



#4

n-Nitrosodimethylamine

Concen: 4.254 ng

RT: 3.369 min Scan# 217

Delta R.T. -0.018 min

Lab File: BF139253.D

Acq: 05 Sep 2024 10:35

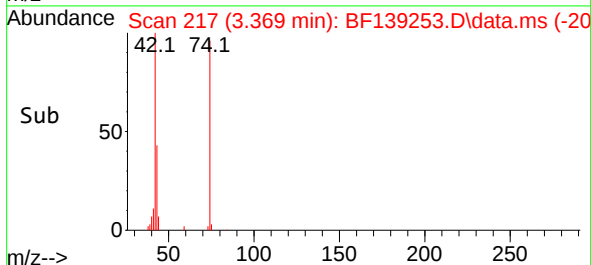
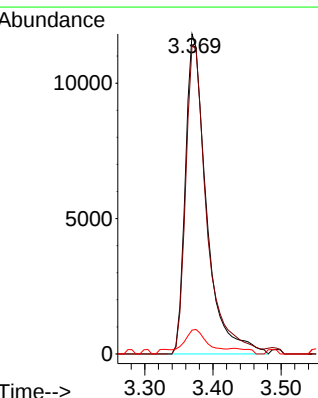
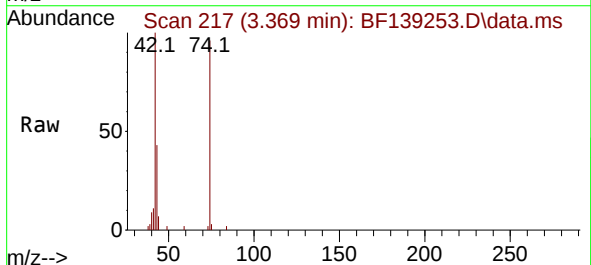
Tgt Ion: 42 Resp: 25300

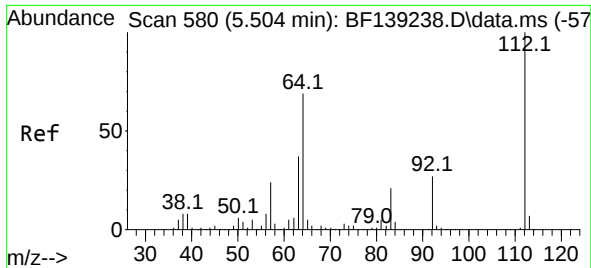
Ion Ratio Lower Upper

42 100

74 96.3 77.2 115.8

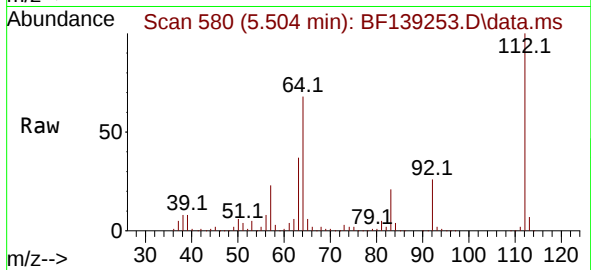
44 7.5 5.1 7.7





#5
2-Fluorophenol
Concen: 95.392 ng
RT: 5.504 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

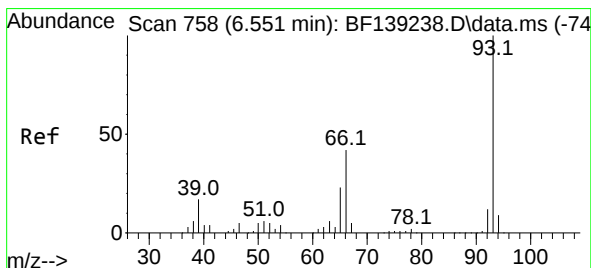
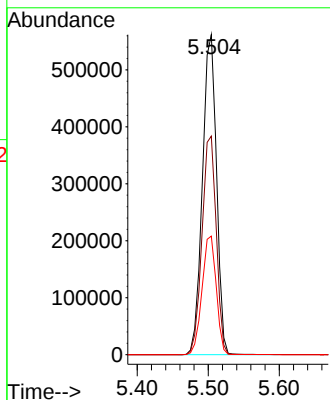
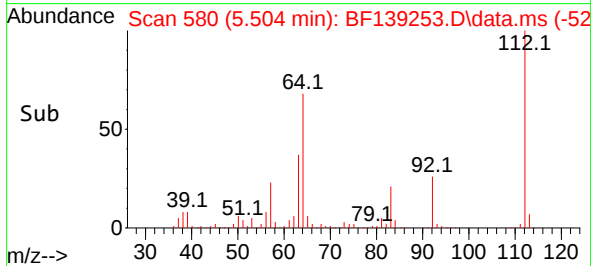
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion: 112 Resp: 777140
Ion Ratio Lower Upper
112 100
64 68.3 55.0 82.4
63 37.1 29.9 44.9

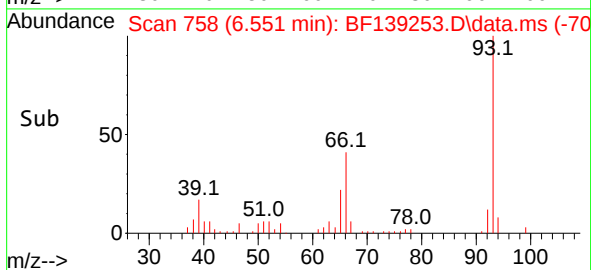
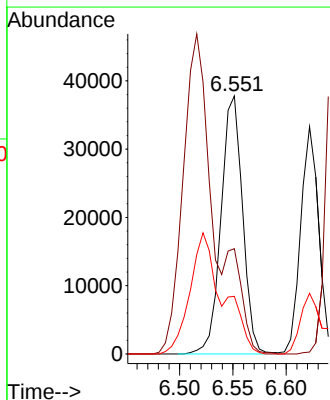
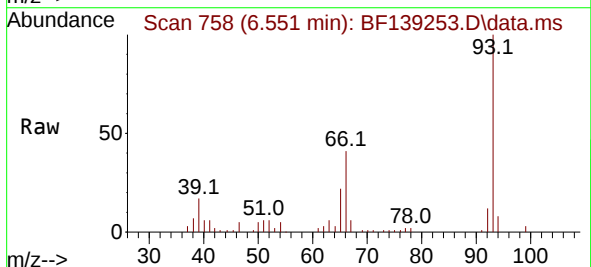
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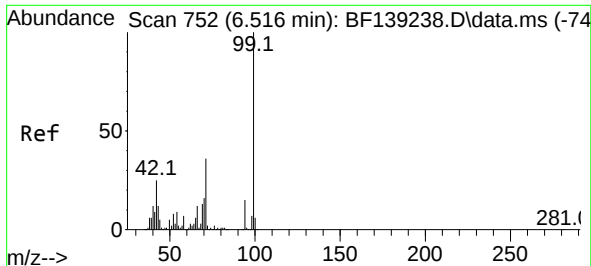
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#6
Aniline
Concen: 5.316 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

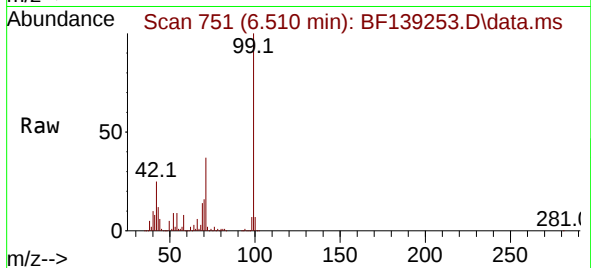
Tgt Ion: 93 Resp: 53161
Ion Ratio Lower Upper
93 100
66 40.8 34.4 51.6
65 22.3 18.2 27.4





#7
Phenol-d6
Concen: 96.287 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

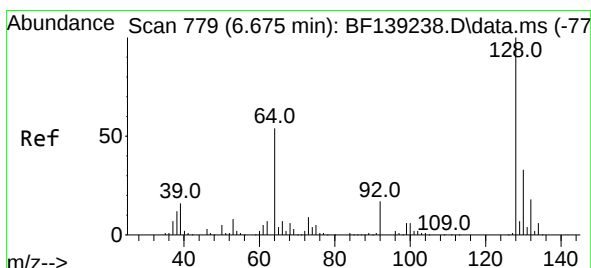
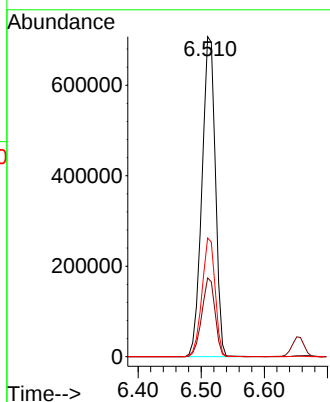
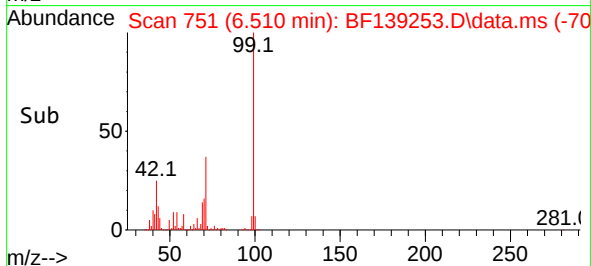
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion: 99 Resp: 104720
Ion Ratio Lower Upper
99 100
42 24.6 19.8 29.6
71 37.1 28.8 43.2

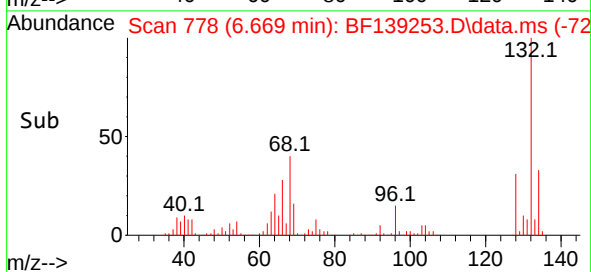
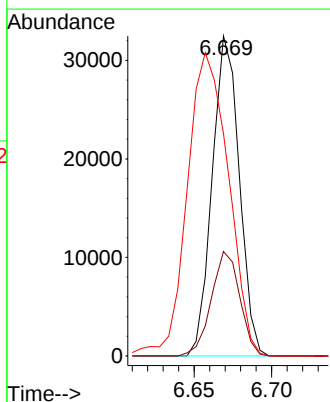
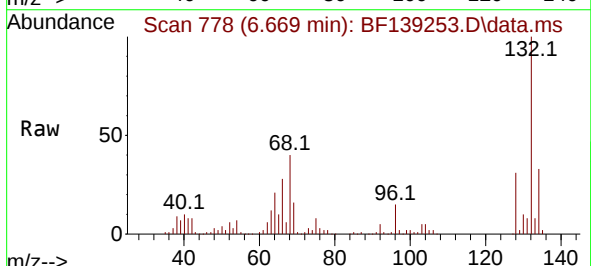
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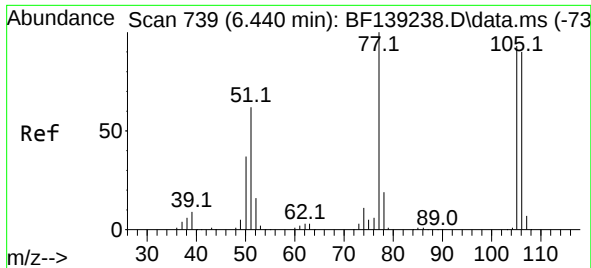
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#8
2-Chlorophenol
Concen: 4.671 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

Tgt Ion:128 Resp: 39436
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 69.5 36.6 76.6





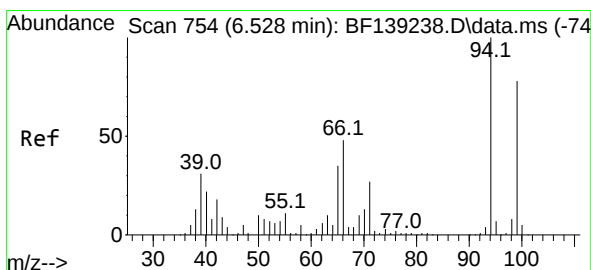
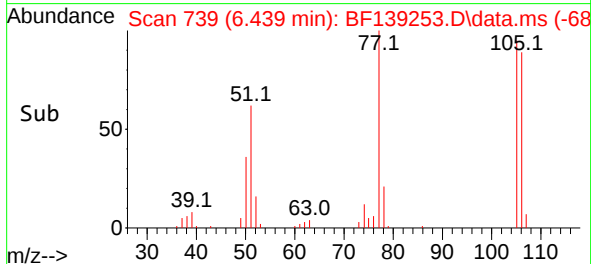
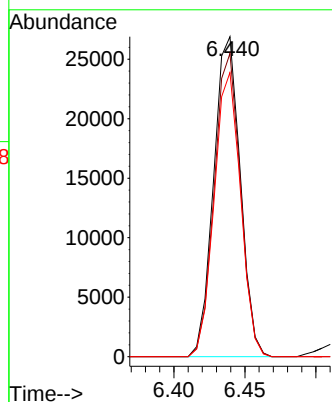
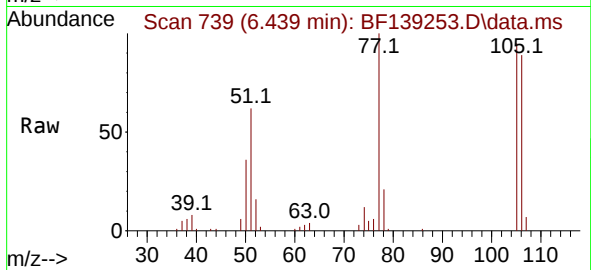
#9
Benzaldehyde
Concen: 5.322 ng
RT: 6.439 min Scan# 739
Delta R.T. -0.001 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

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

Tgt Ion: 77 Resp: 3503
Ion Ratio Lower Upper
77 100
105 94.8 72.9 112.9
106 88.8 69.6 109.6

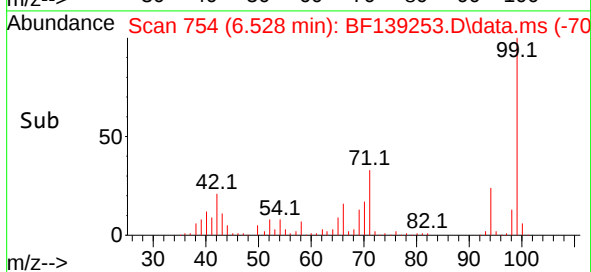
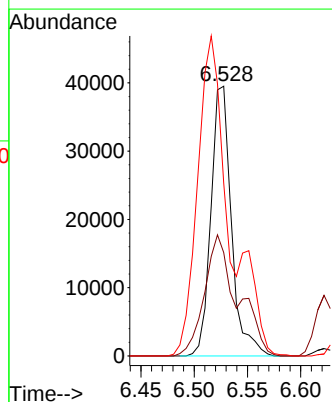
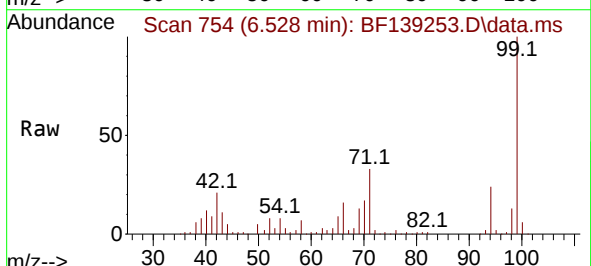
Manual Integrations
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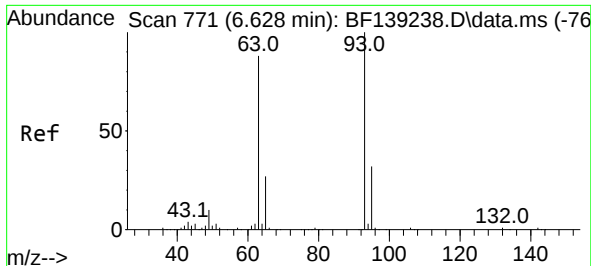
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#10
Phenol
Concen: 4.601 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

Tgt Ion: 94 Resp: 52784
Ion Ratio Lower Upper
94 100
65 38.3 14.7 54.7
66 64.0 28.5 68.5





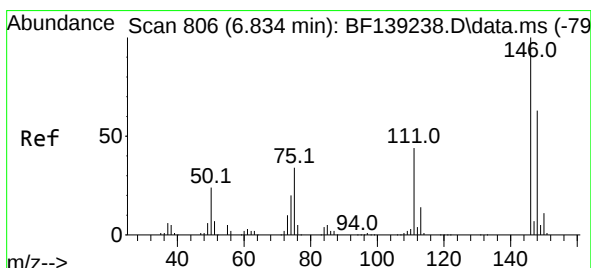
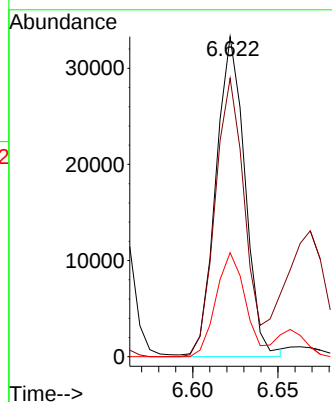
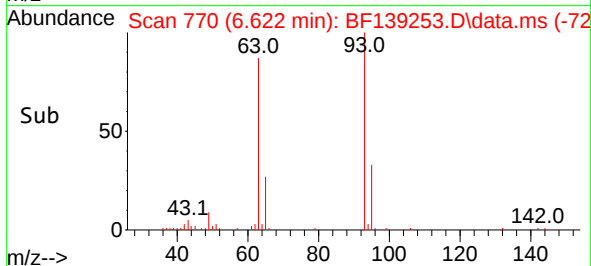
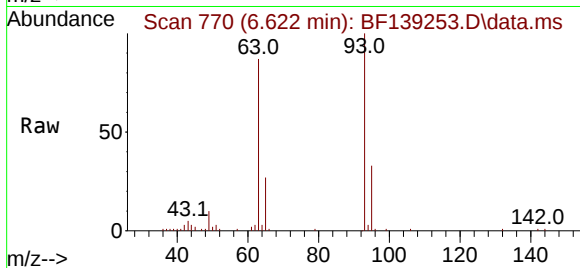
#11
bis(2-Chloroethyl)ether
Concen: 4.797 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

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

Tgt Ion: 93 Resp: 39425
Ion Ratio Lower Upper
93 100
63 87.0 67.1 107.1
95 32.5 12.2 52.2

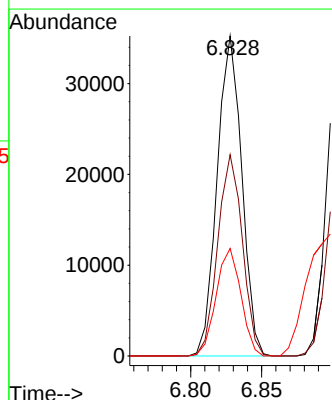
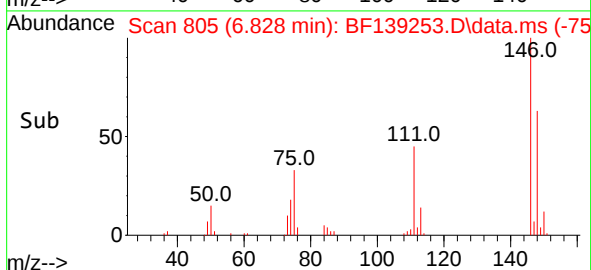
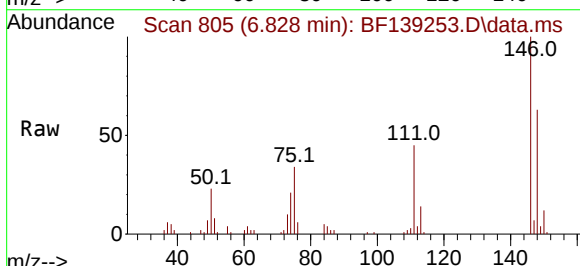
Manual Integrations
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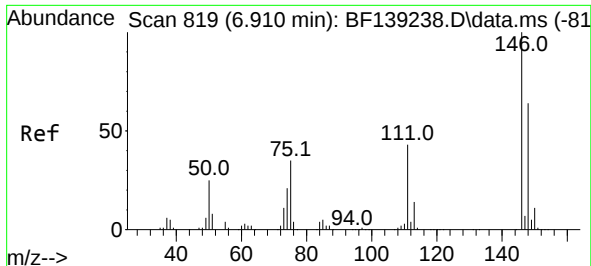
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#12
1,3-Dichlorobenzene
Concen: 4.450 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

Tgt Ion:146 Resp: 42529
Ion Ratio Lower Upper
146 100
148 62.9 50.8 76.2
75 33.6 27.3 40.9





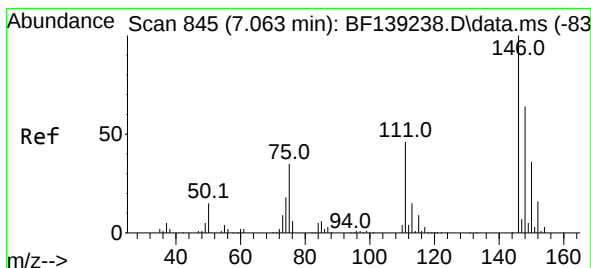
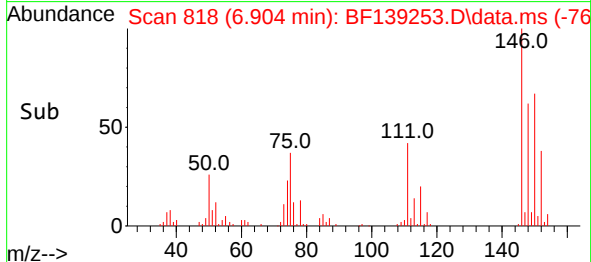
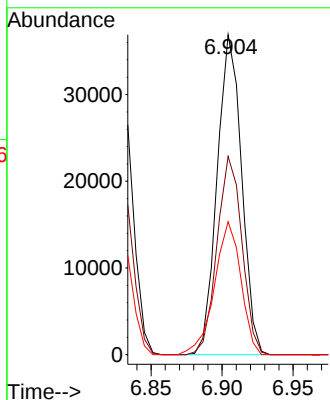
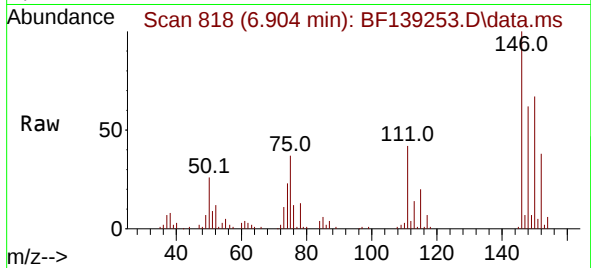
#13
1,4-Dichlorobenzene
Concen: 4.616 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

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

Tgt Ion:146 Resp: 4415
Ion Ratio Lower Upper
146 100
148 62.0 51.2 76.8
111 41.5 34.6 51.8

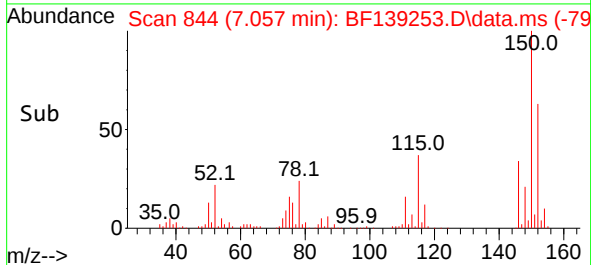
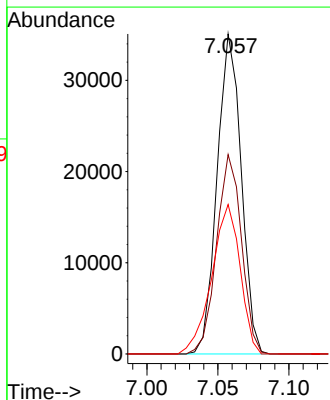
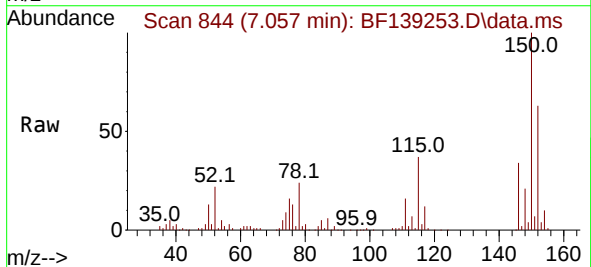
Manual Integrations
APPROVED

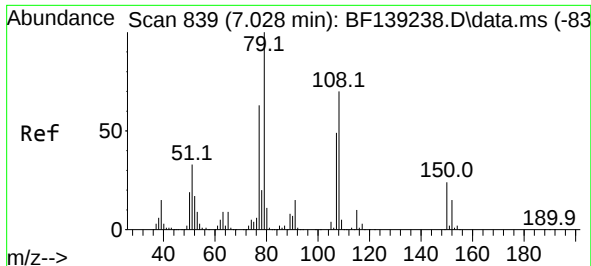
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#14
1,2-Dichlorobenzene
Concen: 4.641 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

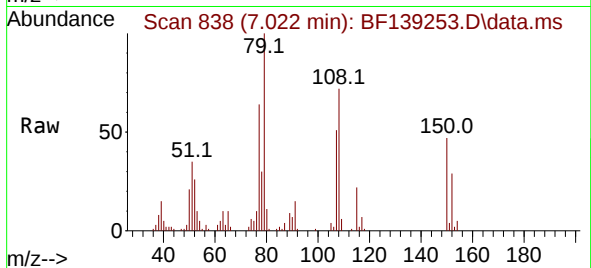
Tgt Ion:146 Resp: 41405
Ion Ratio Lower Upper
146 100
148 62.3 50.9 76.3
111 46.7 36.6 55.0





#15
Benzyl Alcohol
Concen: 5.389 ng
RT: 7.022 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

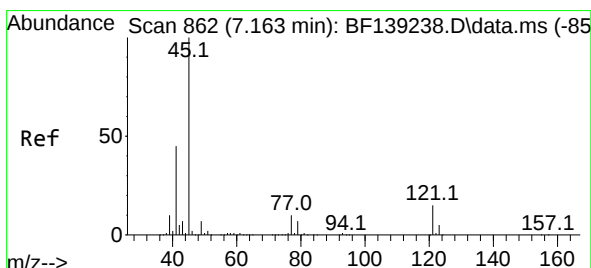
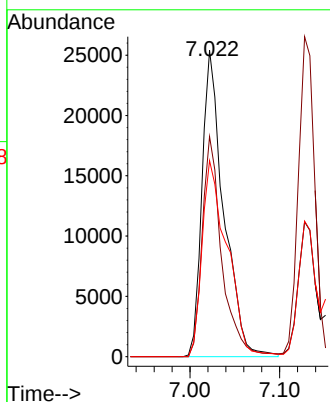
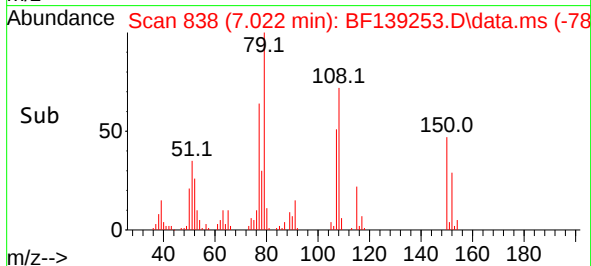
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion: 79 Resp: 42740
Ion Ratio Lower Upper
79 100
108 71.9 56.1 84.1
77 64.0 50.6 76.0

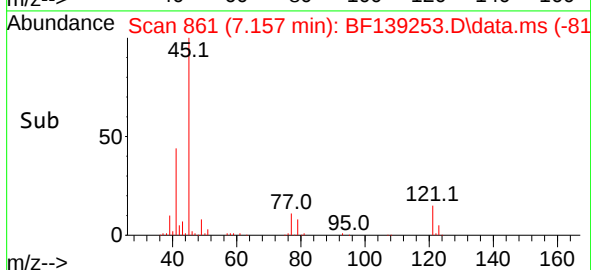
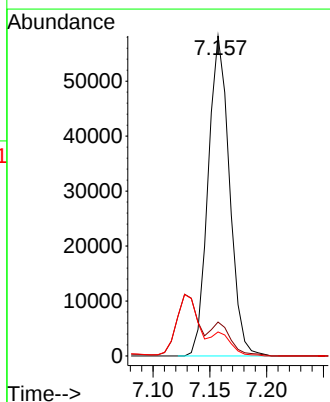
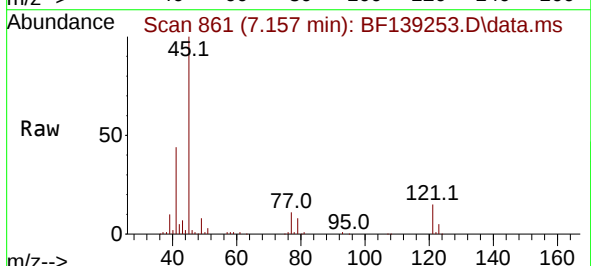
Manual Integrations
APPROVED

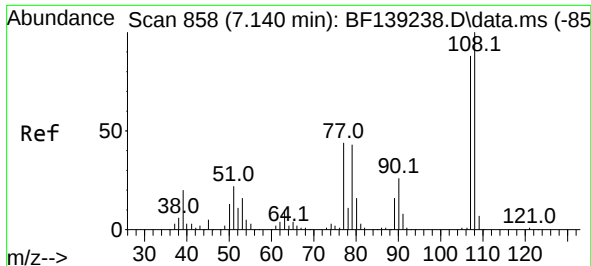
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.857 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

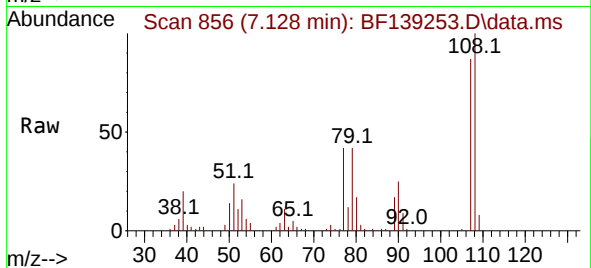
Tgt Ion: 45 Resp: 75995
Ion Ratio Lower Upper
45 100
77 10.6 0.0 30.0
79 7.5 0.0 27.6





#17
2-Methylphenol
Concen: 4.282 ng
RT: 7.128 min Scan# 858
Delta R.T. -0.012 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

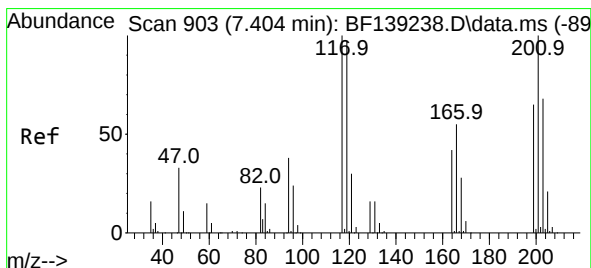
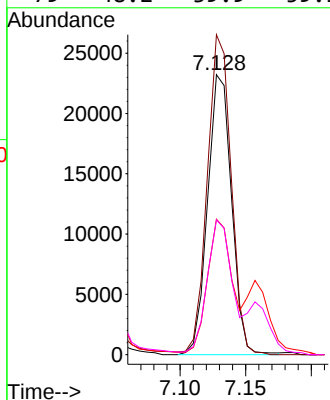
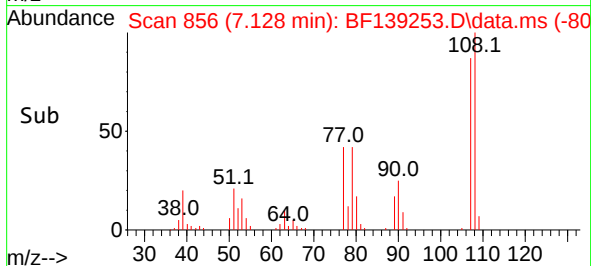
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.4	137.2
77	48.4	40.1	60.1
79	48.2	39.9	59.9

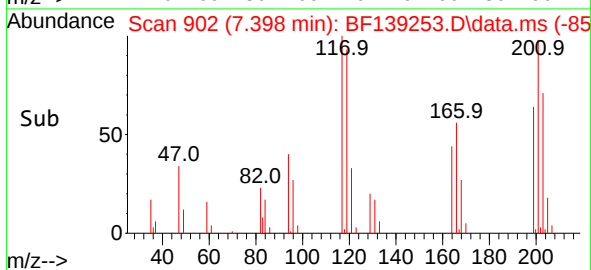
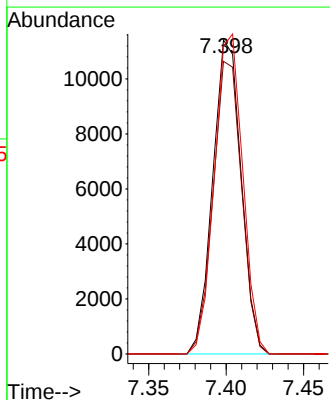
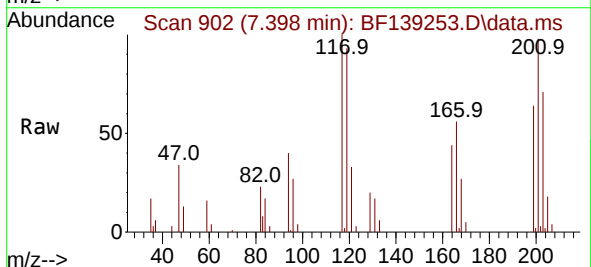
Manual Integrations
APPROVED

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



#18
Hexachloroethane
Concen: 4.269 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

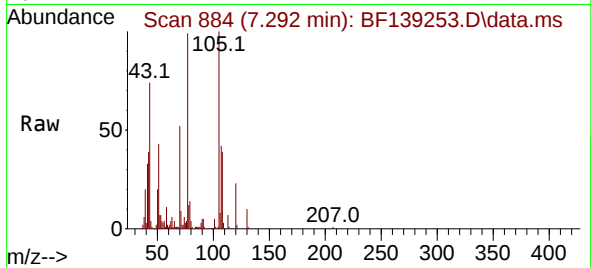
Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.4	116.2
201	98.0	80.0	120.0





#19
n-Nitroso-di-n-propylamine
Concen: 4.793 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

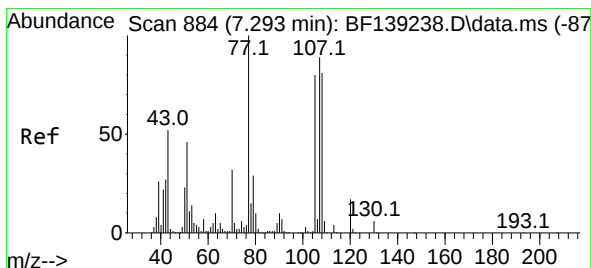
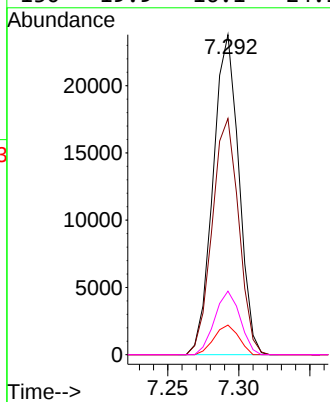
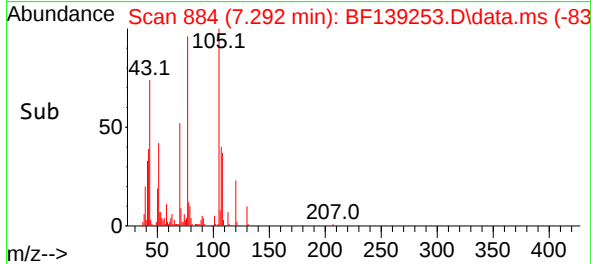
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



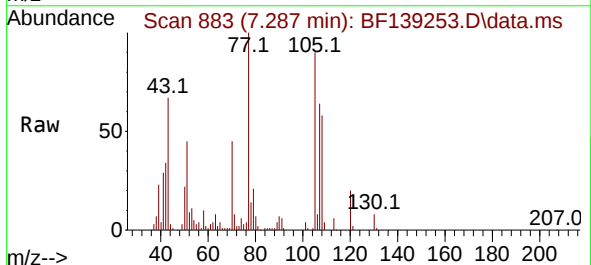
Tgt Ion: 70 Resp: 30020
Ion Ratio Lower Upper
70 100
42 73.8 61.0 91.6
101 9.2 7.2 10.8
130 19.9 16.1 24.1

Manual Integrations
APPROVED

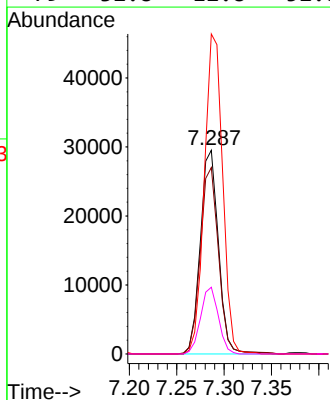
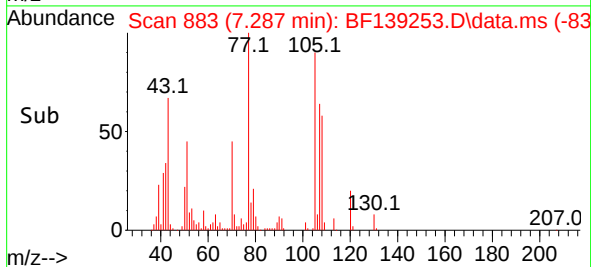
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

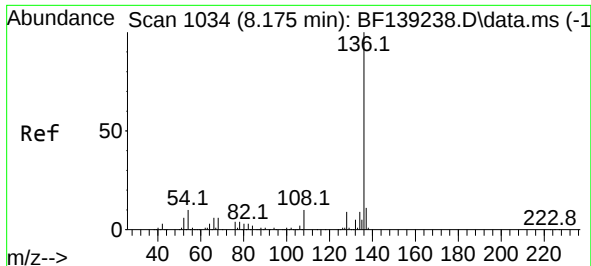


#20
3+4-Methylphenols
Concen: 4.521 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35



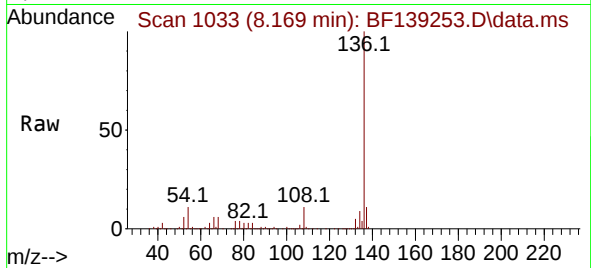
Tgt Ion:107 Resp: 39299
Ion Ratio Lower Upper
107 100
108 91.5 70.4 110.4
77 157.1 92.2 132.2#
79 32.8 12.8 52.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

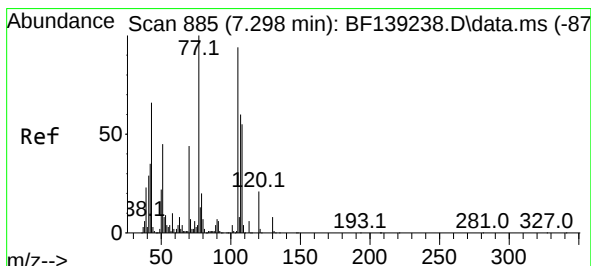
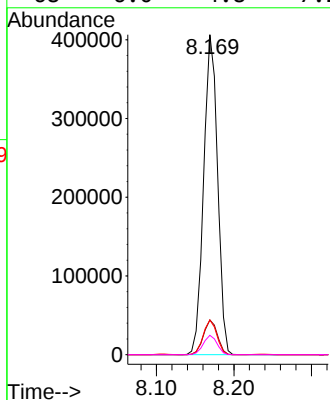
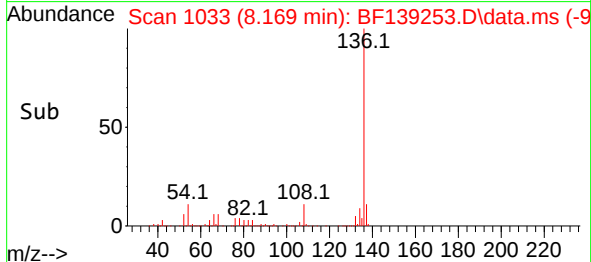
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:136 Resp: 50639
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.9 8.4 12.6
68 6.0 4.8 7.2

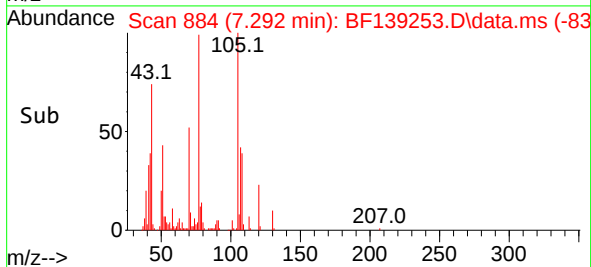
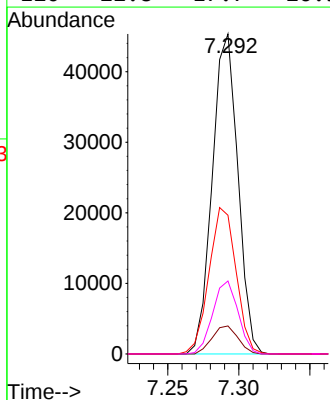
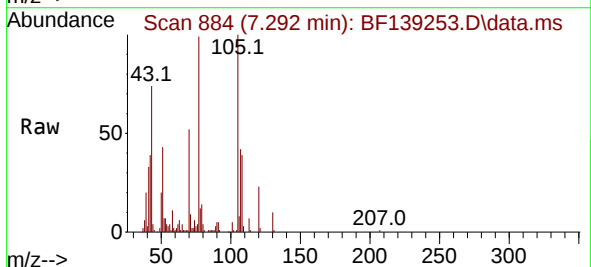
Manual Integrations
APPROVED

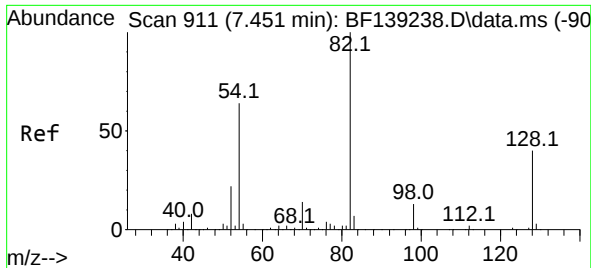
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#22
Acetophenone
Concen: 4.710 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

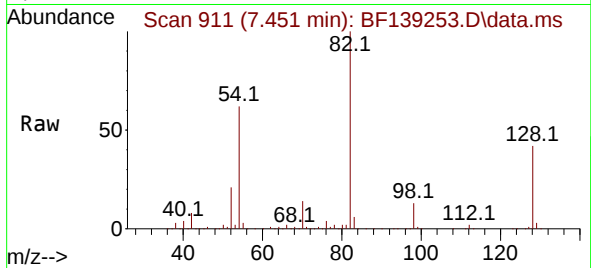
Tgt Ion:105 Resp: 56819
Ion Ratio Lower Upper
105 100
71 8.8 6.2 9.2
51 43.3 38.2 57.2
120 22.8 17.7 26.5





#23
Nitrobenzene-d5
Concen: 75.167 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

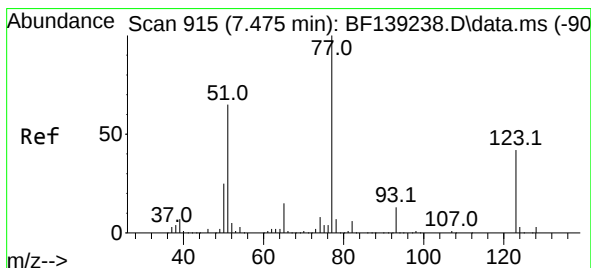
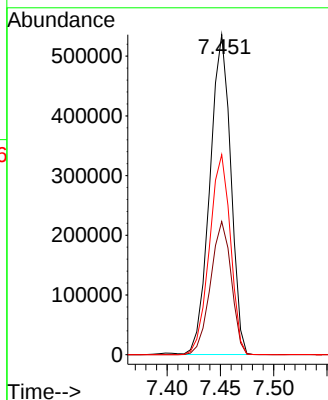
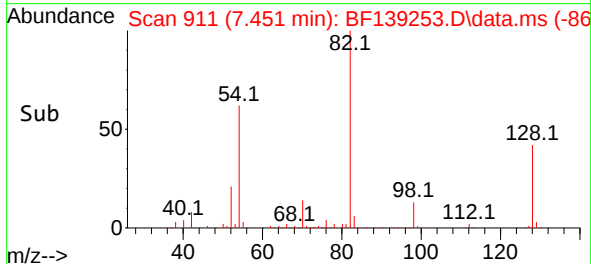
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



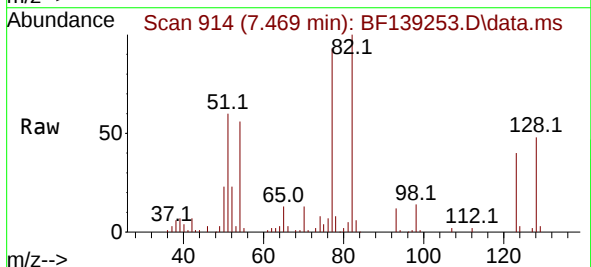
Tgt Ion: 82 Resp: 731682
Ion Ratio Lower Upper
82 100
128 41.6 32.3 48.5
54 62.5 51.2 76.8

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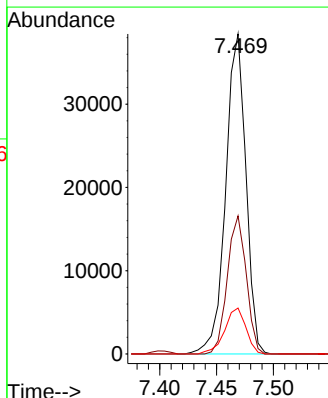
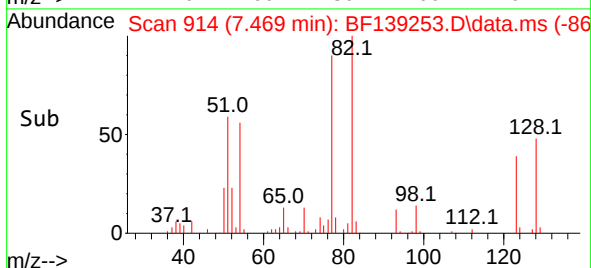
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#24
Nitrobenzene
Concen: 4.595 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35



Tgt Ion: 77 Resp: 47473
Ion Ratio Lower Upper
77 100
123 43.2 34.0 51.0
65 14.4 12.1 18.1





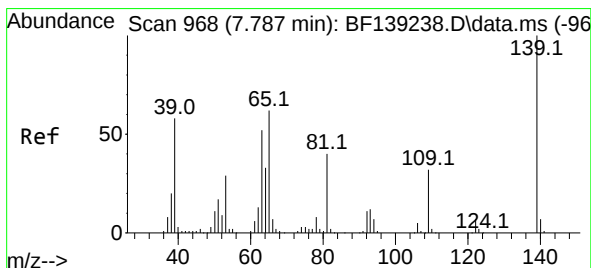
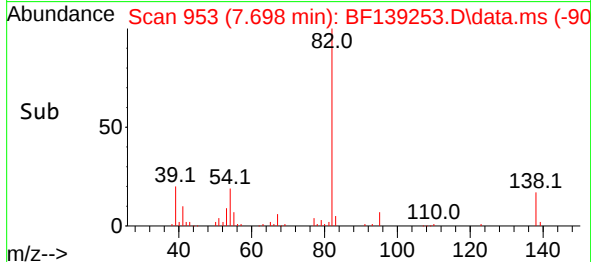
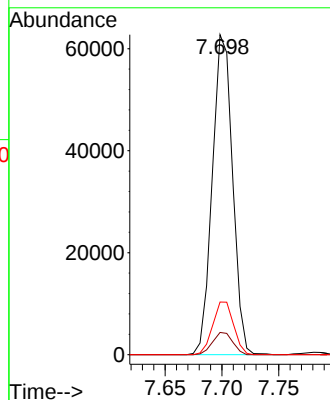
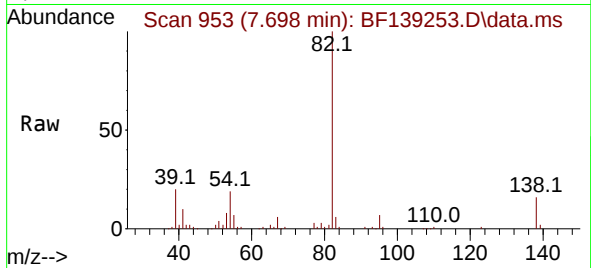
#25
Isophorone
Concen: 4.682 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.012 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

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

Tgt Ion: 82 Resp: 77918
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 16.5 13.4 20.0

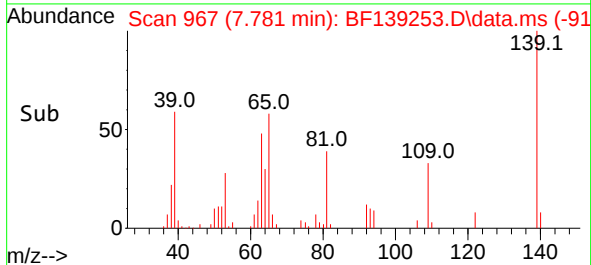
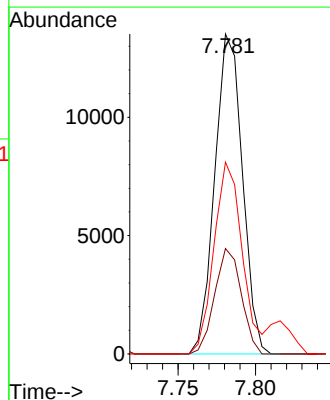
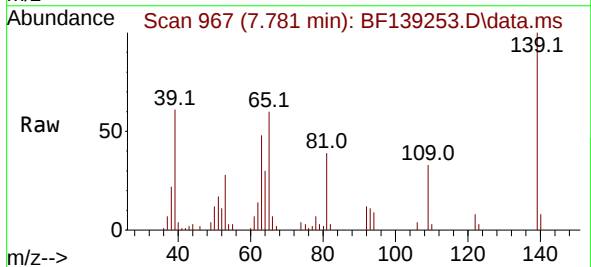
Manual Integrations
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Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#26
2-Nitrophenol
Concen: 4.136 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

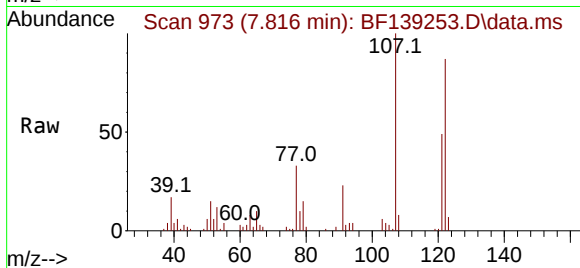
Tgt Ion:139 Resp: 16782
Ion Ratio Lower Upper
139 100
109 32.9 25.4 38.2
65 59.9 49.4 74.2





#27
2,4-Dimethylphenol
Concen: 4.661 ng m
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

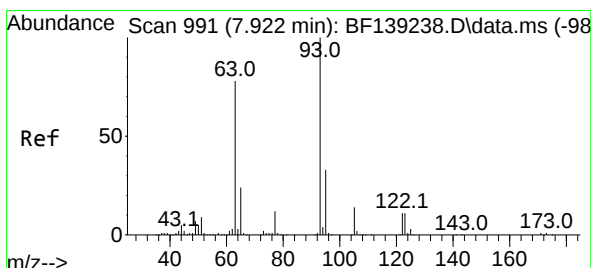
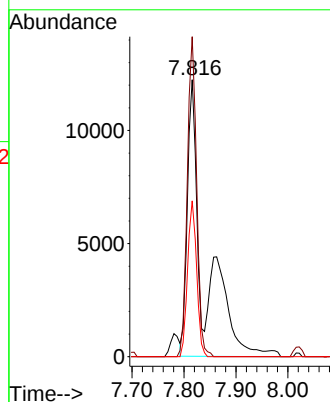
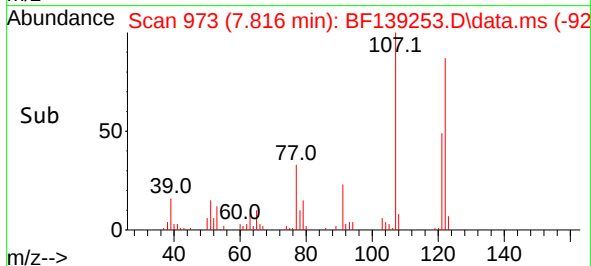
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:122 Resp: 26972
Ion Ratio Lower Upper
122 100
107 115.5 93.4 140.2
121 56.2 46.6 70.0

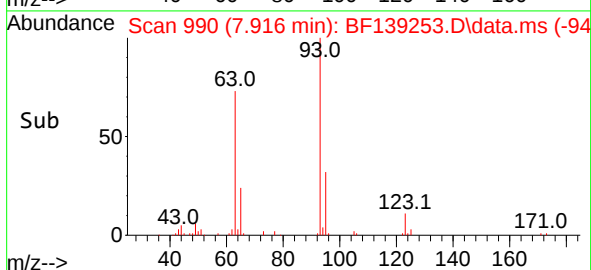
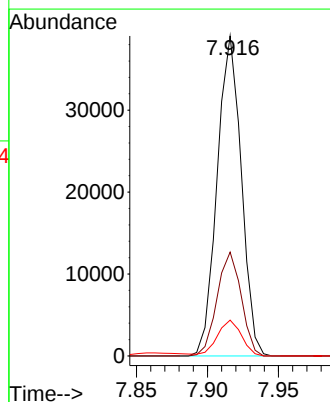
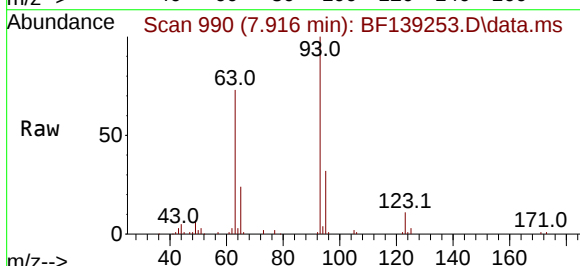
Manual Integrations
APPROVED

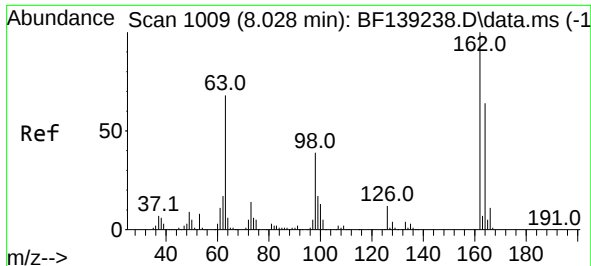
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#28
bis(2-Chloroethoxy)methane
Concen: 4.656 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

Tgt Ion: 93 Resp: 46162
Ion Ratio Lower Upper
93 100
95 32.4 26.6 40.0
123 11.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 4.333 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF139253.D

Acq: 05 Sep 2024 10:35

Instrument :

BNA_F

ClientSampleId :

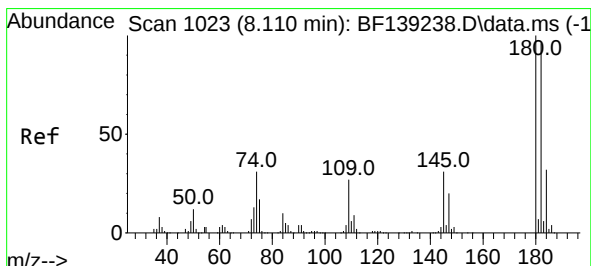
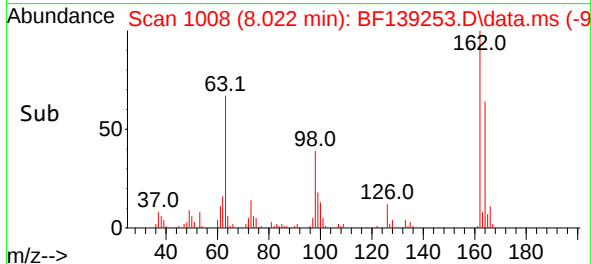
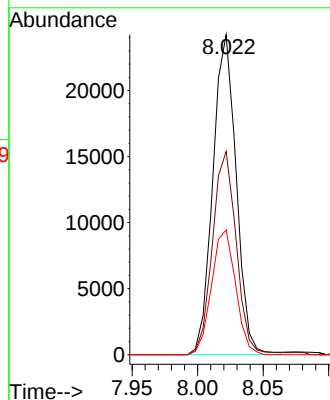
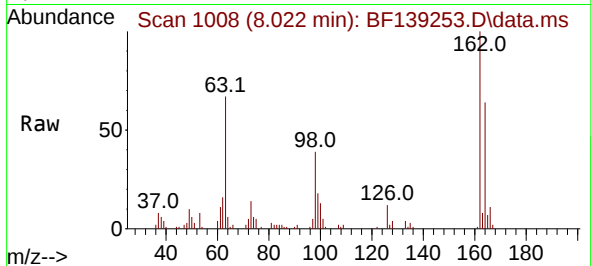
LOQ-SOIL-02-QT2-2024

Tgt Ion:162	Resp:	3002
Ion Ratio	Lower	Upper
162	100	
164	63.5	43.6 83.6
98	39.0	19.5 59.5

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 4.507 ng

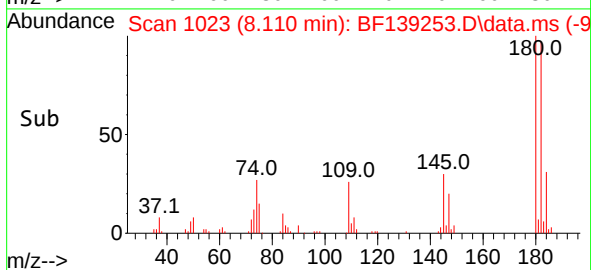
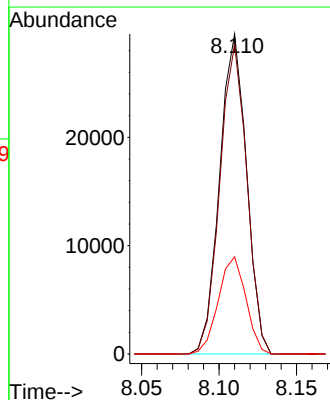
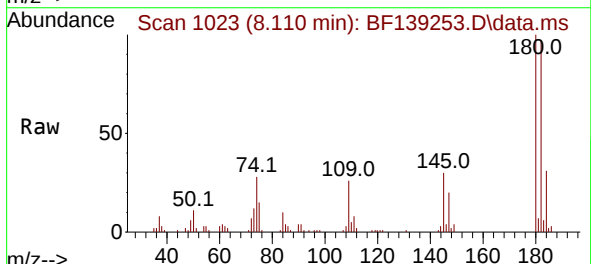
RT: 8.110 min Scan# 1023

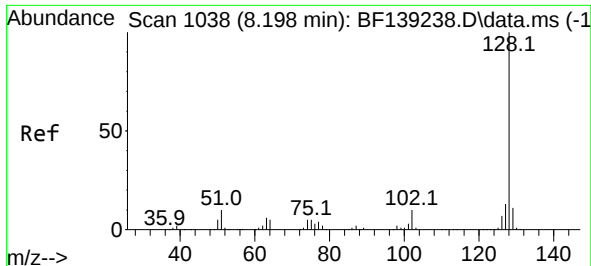
Delta R.T. -0.000 min

Lab File: BF139253.D

Acq: 05 Sep 2024 10:35

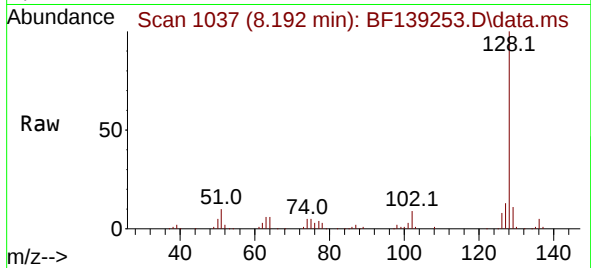
Tgt Ion:180	Resp:	35667
Ion Ratio	Lower	Upper
180	100	
182	96.7	76.5 114.7
145	30.3	25.1 37.7





#31
Naphthalene
Concen: 4.645 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

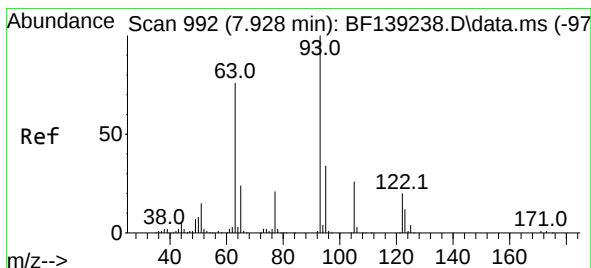
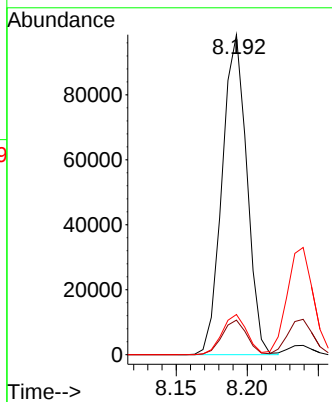
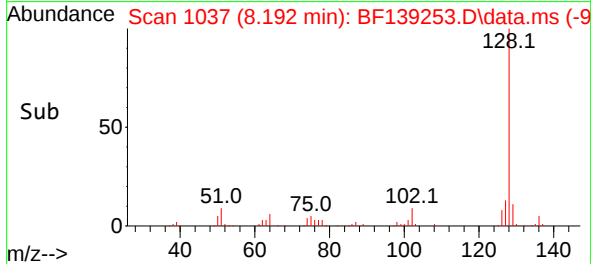
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:128 Resp: 11912
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.5 10.6 15.8

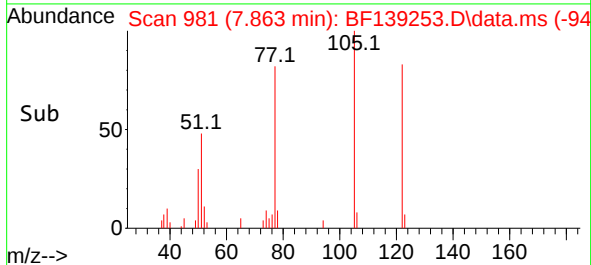
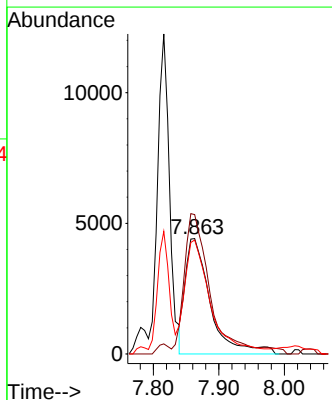
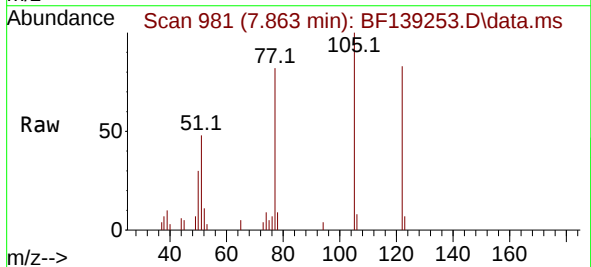
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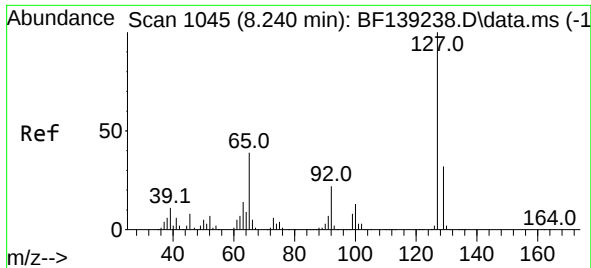
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#32
Benzoic acid
Concen: 2.240 ng m
RT: 7.863 min Scan# 981
Delta R.T. -0.065 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

Tgt Ion:122 Resp: 11807
Ion Ratio Lower Upper
122 100
105 120.8 106.3 146.3
77 98.8 84.1 124.1





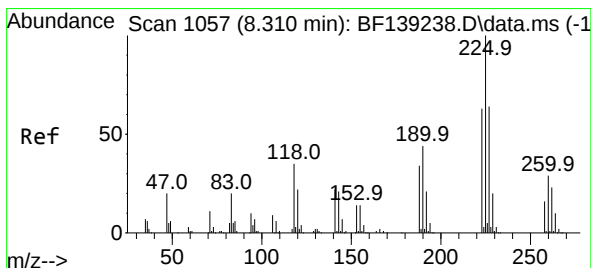
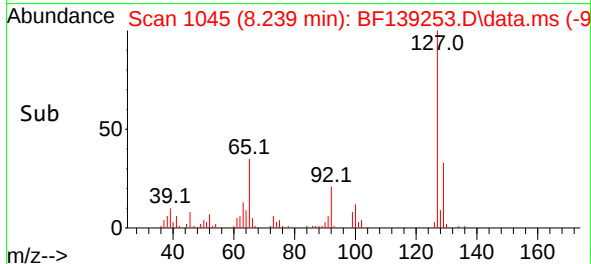
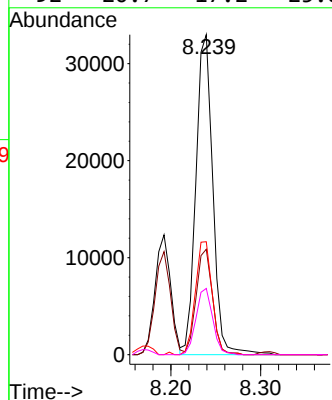
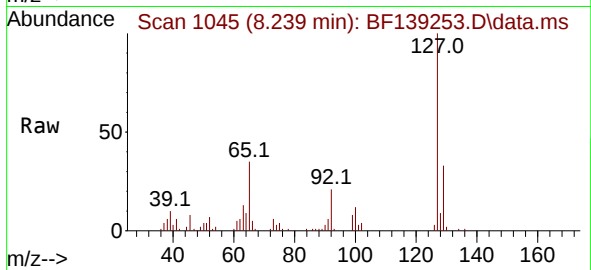
#33
4-Chloroaniline
Concen: 4.871 ng
RT: 8.239 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

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

Tgt Ion:	127	Resp:	43250
Ion Ratio	Lower	Upper	
127	100		
129	33.0	25.8	38.6
65	35.3	30.6	45.8
92	20.7	17.2	25.8

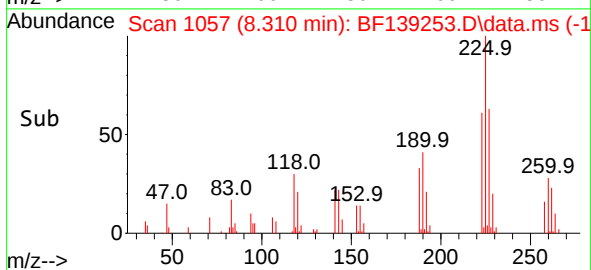
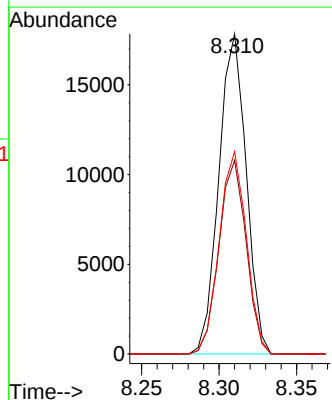
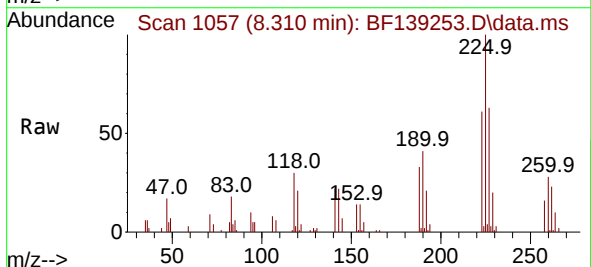
Manual Integrations
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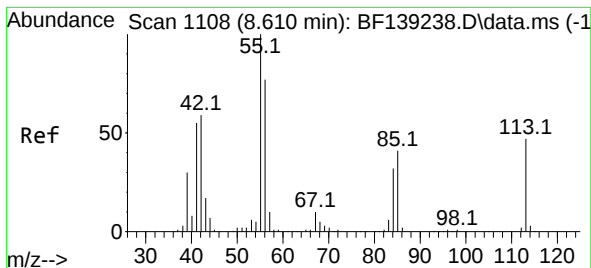
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#34
Hexachlorobutadiene
Concen: 4.370 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.000 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

Tgt Ion:	225	Resp:	21912
Ion Ratio	Lower	Upper	
225	100		
223	60.5	50.7	76.1
227	63.2	51.5	77.3





#35

Caprolactam

Concen: 4.178 ng

RT: 8.563 min Scan# 1108

Delta R.T. -0.047 min

Lab File: BF139253.D

Acq: 05 Sep 2024 10:35

Instrument :

BNA_F

ClientSampleId :

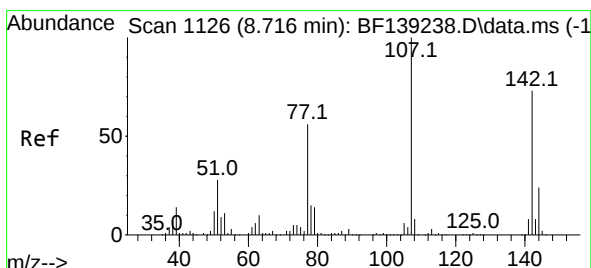
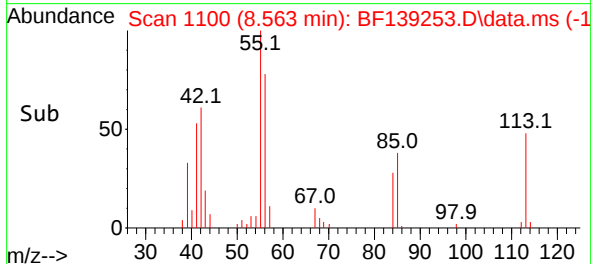
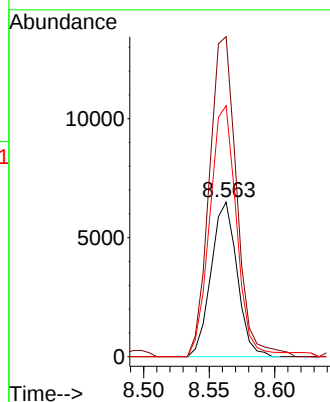
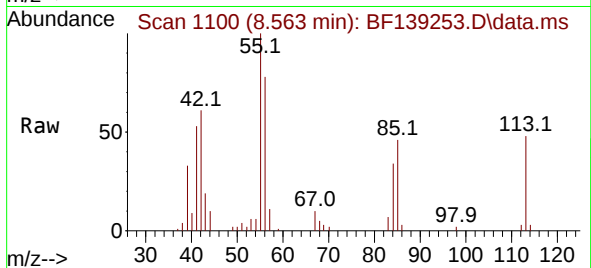
LOQ-SOIL-02-QT2-2024

Tgt Ion:113	Resp:	896
Ion Ratio	Lower	Upper
113	100	
55	207.3	193.7 233.7
56	162.6	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: 4.291 ng

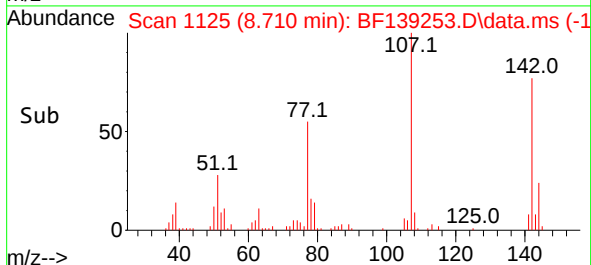
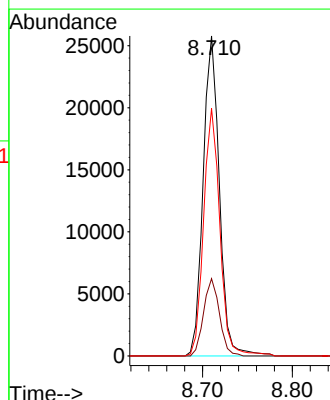
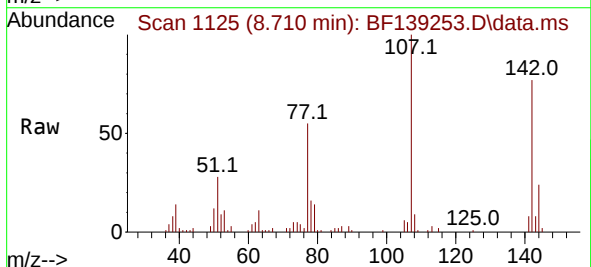
RT: 8.710 min Scan# 1125

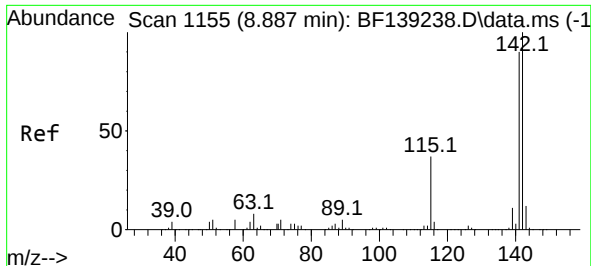
Delta R.T. -0.006 min

Lab File: BF139253.D

Acq: 05 Sep 2024 10:35

Tgt Ion:107	Resp:	32400
Ion Ratio	Lower	Upper
107	100	
144	24.2	19.1 28.7
142	77.4	58.3 87.5





#37

2-Methylnaphthalene

Concen: 4.680 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF139253.D

Acq: 05 Sep 2024 10:35

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion:142 Resp: 7508

Ion Ratio Lower Upper

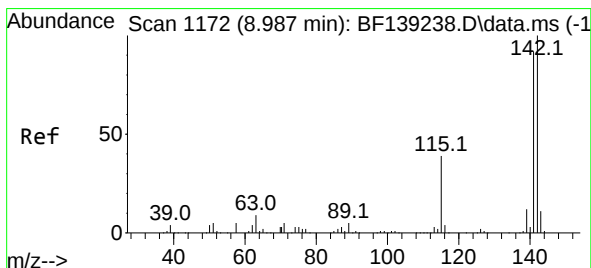
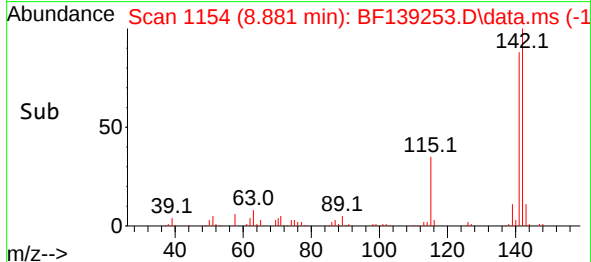
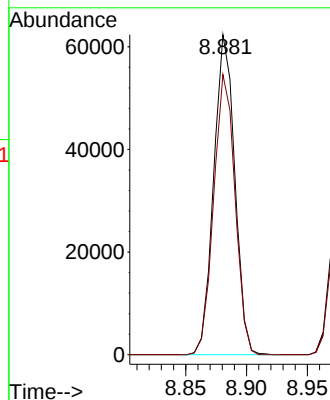
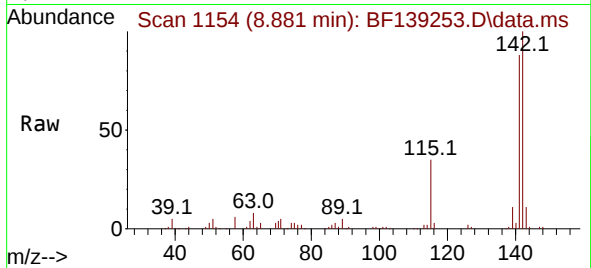
142 100

141 87.5 71.6 107.4

Manual Integrations

APPROVED

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



#38

1-Methylnaphthalene

Concen: 4.438 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF139253.D

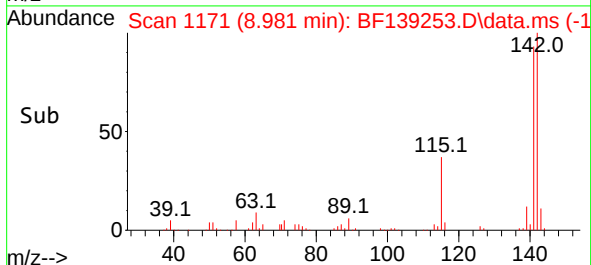
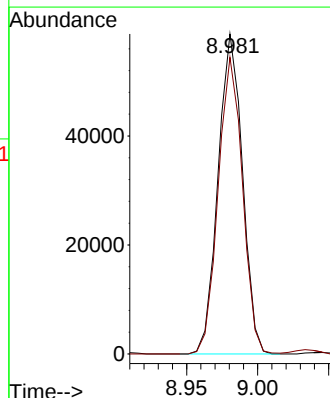
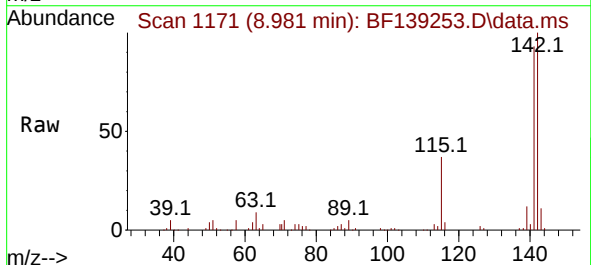
Acq: 05 Sep 2024 10:35

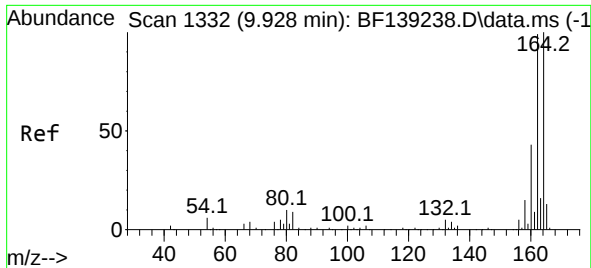
Tgt Ion:142 Resp: 70024

Ion Ratio Lower Upper

142 100

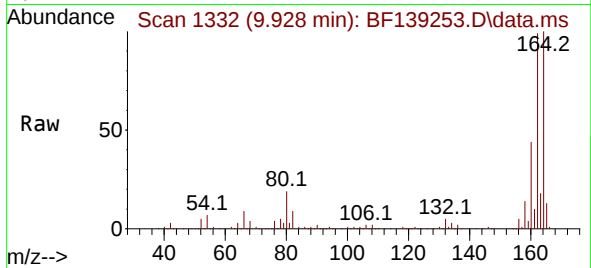
141 92.7 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

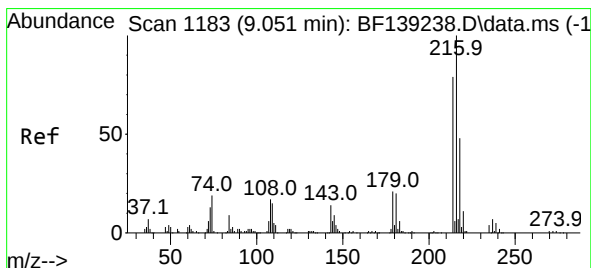
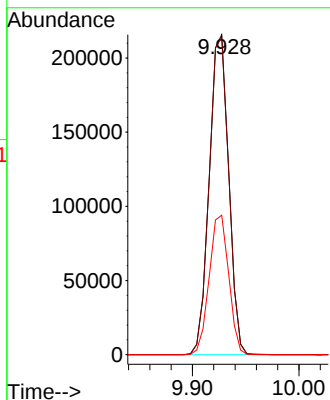
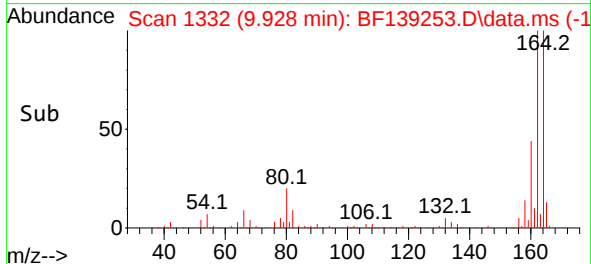
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



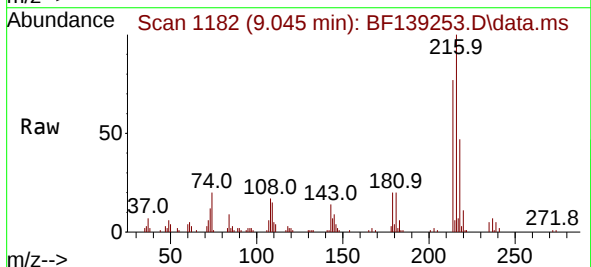
Tgt Ion:164 Resp: 272870
Ion Ratio Lower Upper
164 100
162 99.2 79.2 118.8
160 43.6 34.2 51.2

Manual Integrations
APPROVED

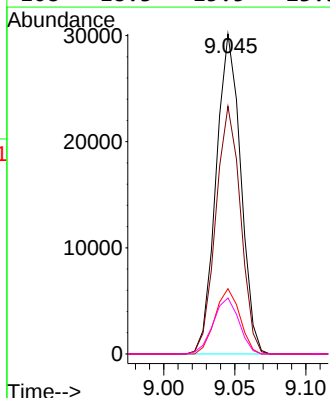
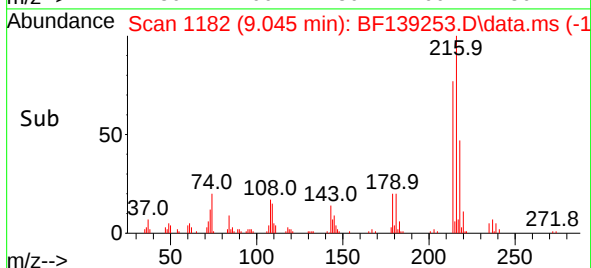
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

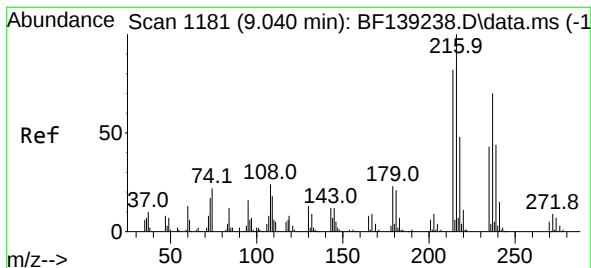


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.701 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35



Tgt Ion:216 Resp: 36291
Ion Ratio Lower Upper
216 100
214 77.8 63.8 95.8
179 20.5 16.9 25.3
108 18.3 15.5 23.3





#41

Hexachlorocyclopentadiene

Concen: 2.672 ng

RT: 9.033 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF139253.D

Acq: 05 Sep 2024 10:35

Instrument :

BNA_F

ClientSampleId :

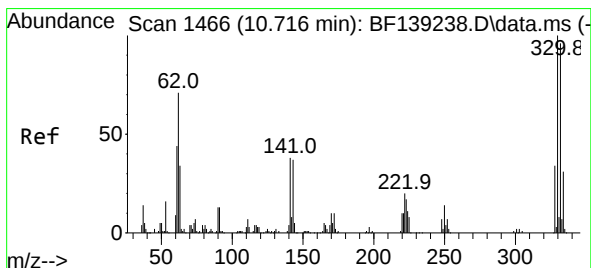
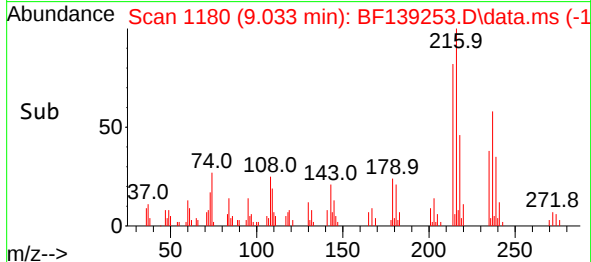
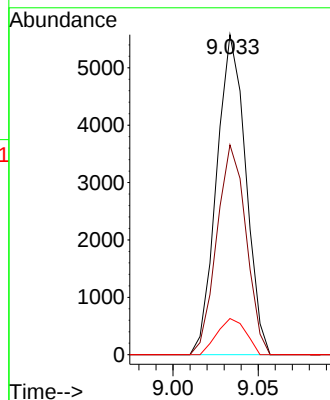
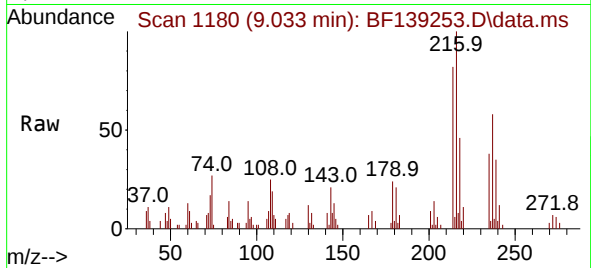
LOQ-SOIL-02-QT2-2024

Tgt Ion:	237	Resp:	6630
Ion Ratio	Lower	Upper	
237	100		
235	65.6	41.4	81.4
272	11.3	0.0	32.2

Manual Integrations

APPROVED

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



#42

2,4,6-Tribromophenol

Concen: 94.833 ng

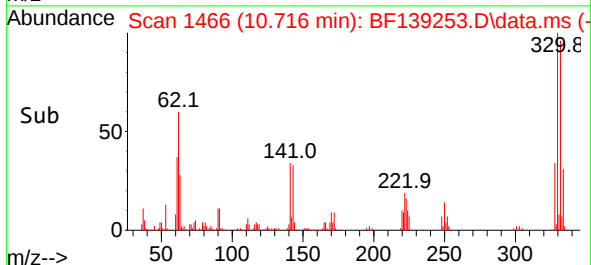
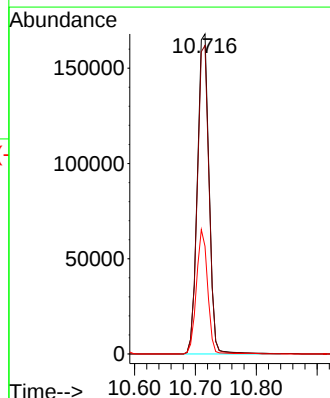
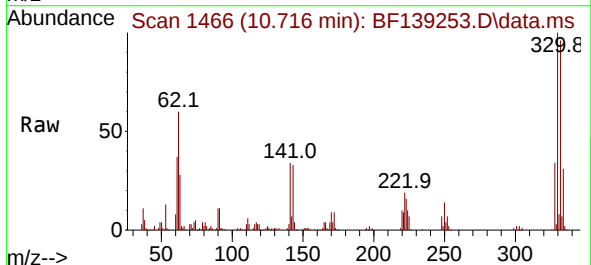
RT: 10.716 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BF139253.D

Acq: 05 Sep 2024 10:35

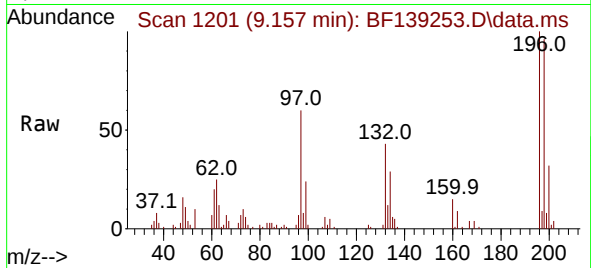
Tgt Ion:	330	Resp:	223458
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.6	115.0
141	37.1	30.1	45.1





#43
2,4,6-Trichlorophenol
Concen: 4.269 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

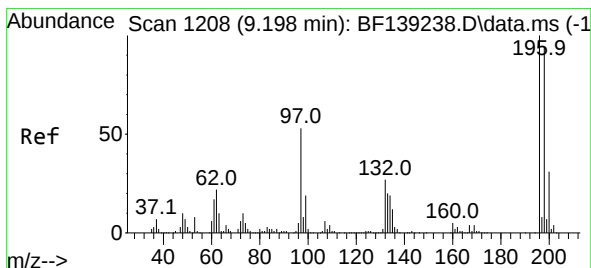
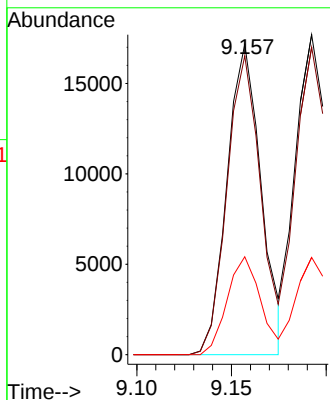
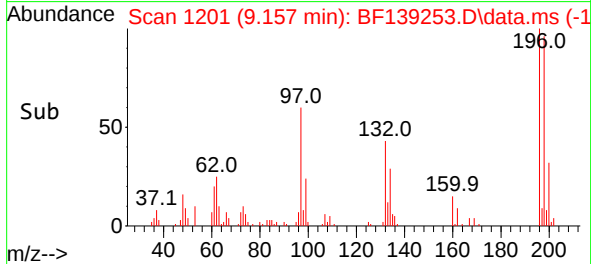
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



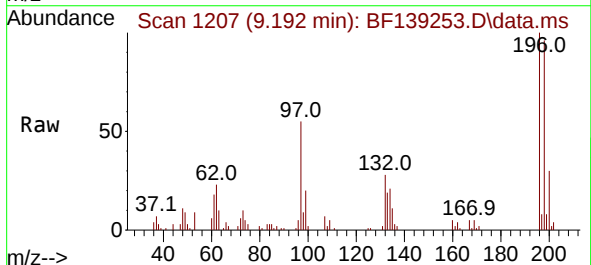
Tgt Ion:196 Resp: 2156
Ion Ratio Lower Upper
196 100
198 96.2 77.0 115.4
200 31.5 24.7 37.1

Manual Integrations
APPROVED

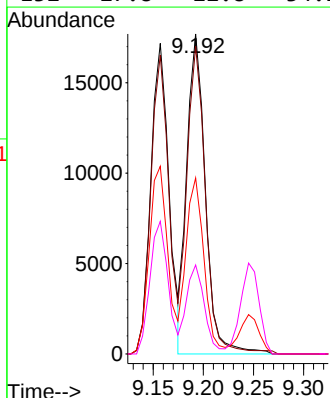
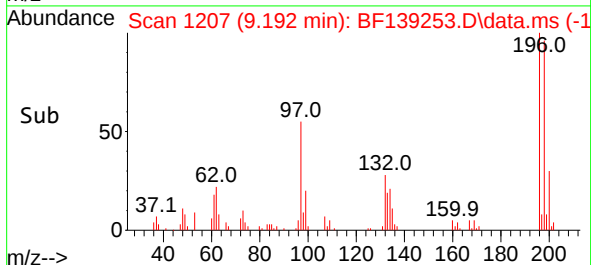
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

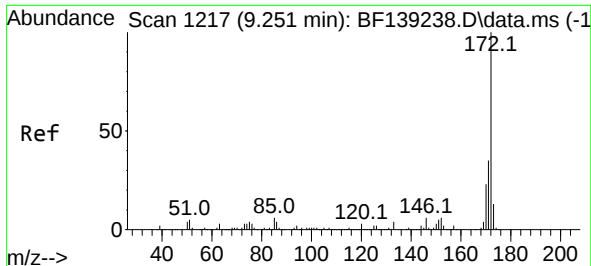


#44
2,4,5-Trichlorophenol
Concen: 4.317 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35



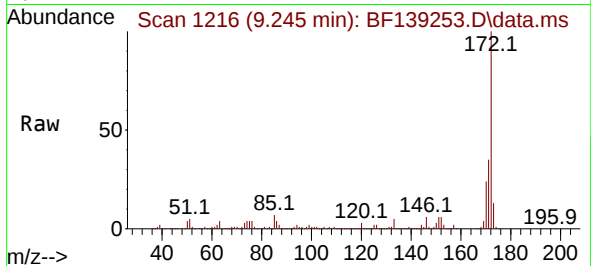
Tgt Ion:196 Resp: 22851
Ion Ratio Lower Upper
196 100
198 96.1 75.6 113.4
97 55.0 43.6 65.4
132 27.8 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 73.564 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

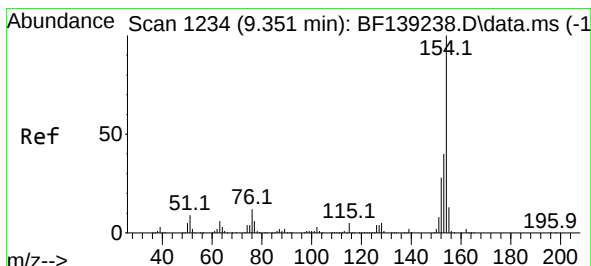
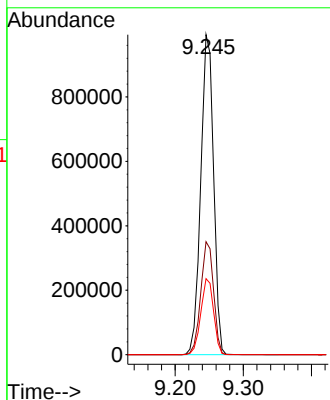
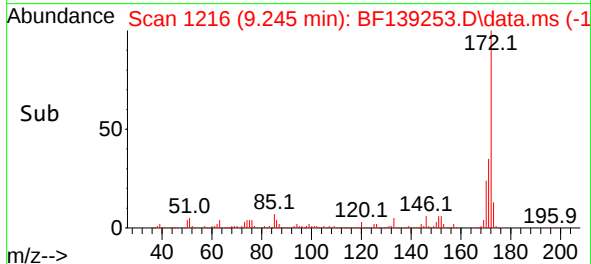
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



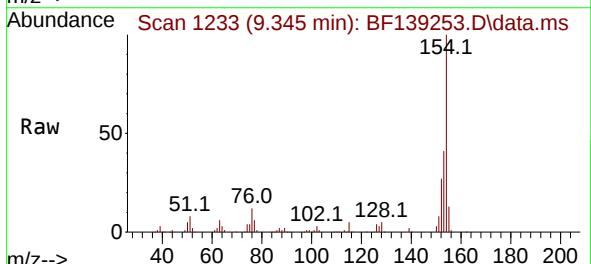
Tgt Ion:172 Resp: 130041
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.7 18.7 28.1

Manual Integrations
APPROVED

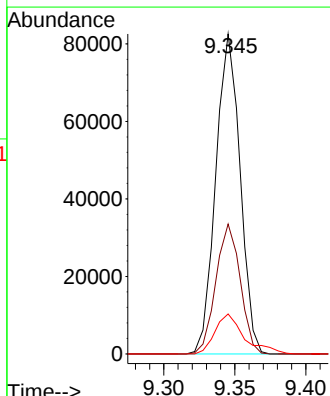
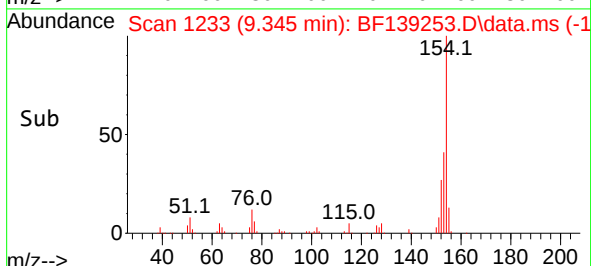
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

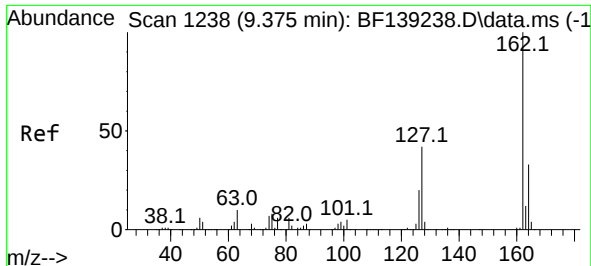


#46
1,1'-Biphenyl
Concen: 4.849 ng
RT: 9.345 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35



Tgt Ion:154 Resp: 98034
Ion Ratio Lower Upper
154 100
153 40.6 20.1 60.1
76 12.5 0.0 32.3





#47

2-Chloronaphthalene

Concen: 4.643 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139253.D

Acq: 05 Sep 2024 10:35

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2024

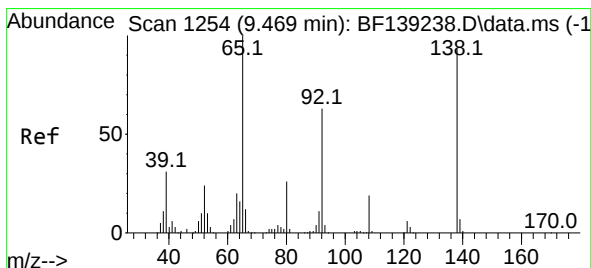
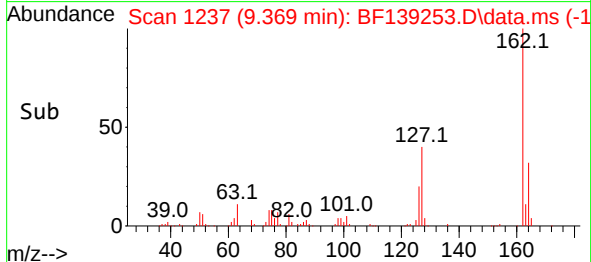
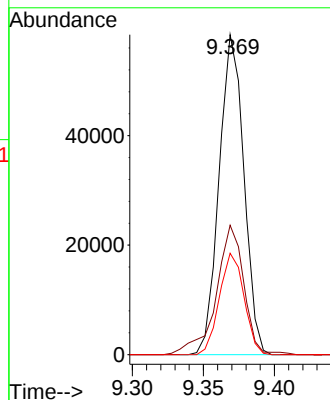
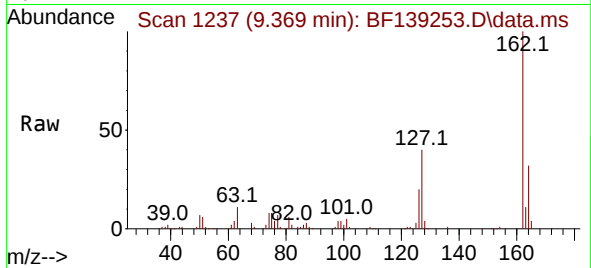
Tgt Ion:162 Resp: 7088

Ion	Ratio	Lower	Upper
162	100		
127	40.5	34.2	51.4
164	31.7	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: 4.191 ng

RT: 9.463 min Scan# 1253

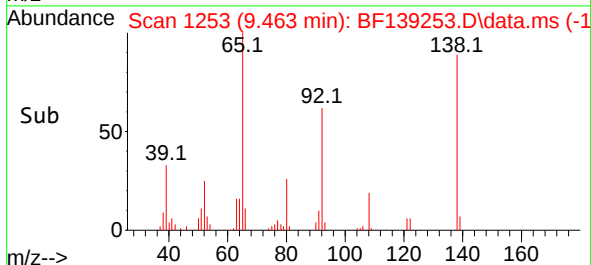
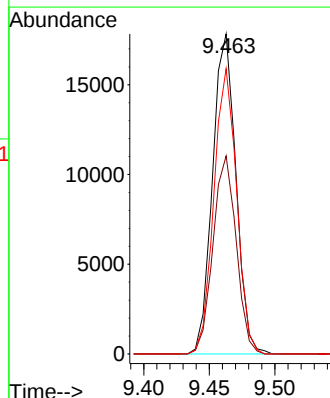
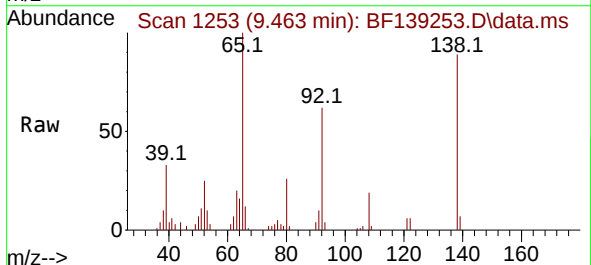
Delta R.T. -0.006 min

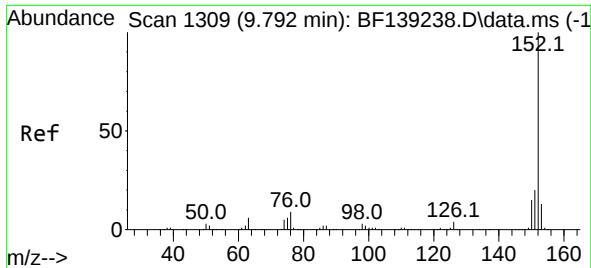
Lab File: BF139253.D

Acq: 05 Sep 2024 10:35

Tgt Ion: 65 Resp: 22037

Ion	Ratio	Lower	Upper
65	100		
92	61.9	50.4	75.6
138	89.1	74.2	111.4





#49

Acenaphthylene

Concen: 4.937 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139253.D

Acq: 05 Sep 2024 10:35

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2024

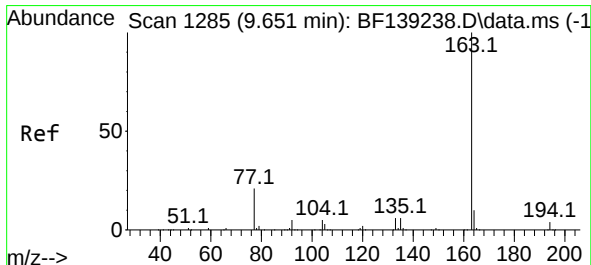
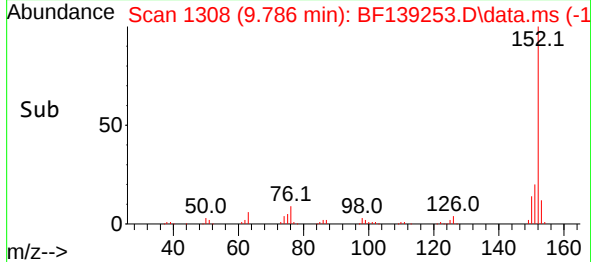
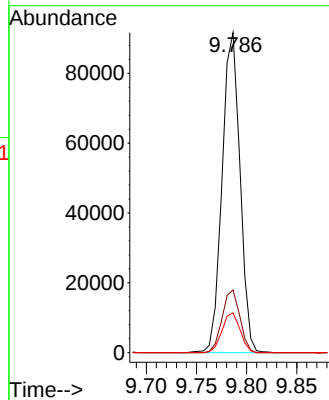
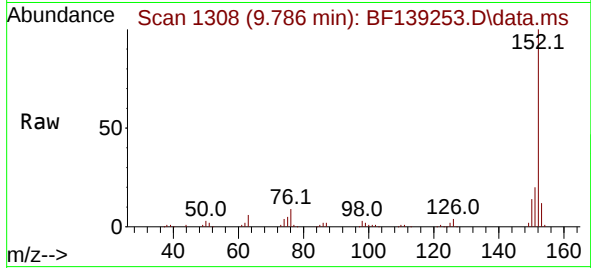
Tgt Ion:152 Resp: 113504

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	12.4	10.4	15.6

Manual Integrations

APPROVED

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



#50

Dimethylphthalate

Concen: 4.698 ng

RT: 9.639 min Scan# 1283

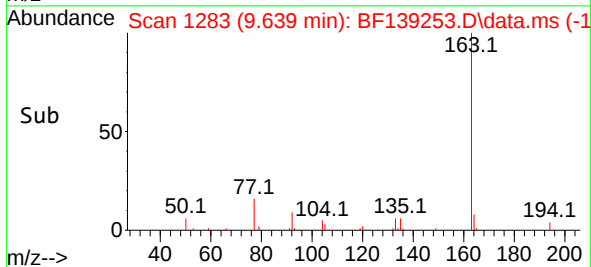
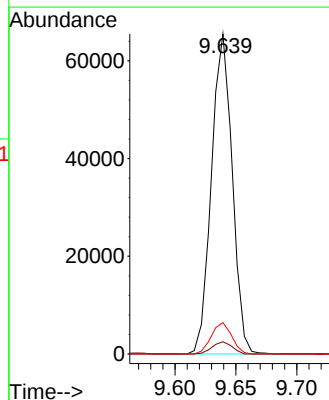
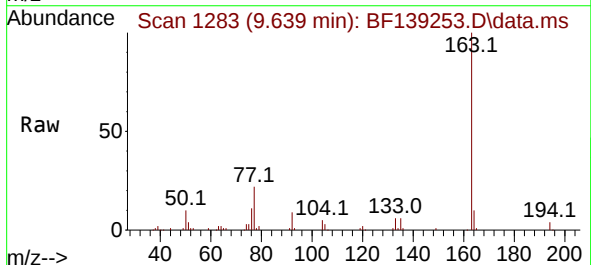
Delta R.T. -0.012 min

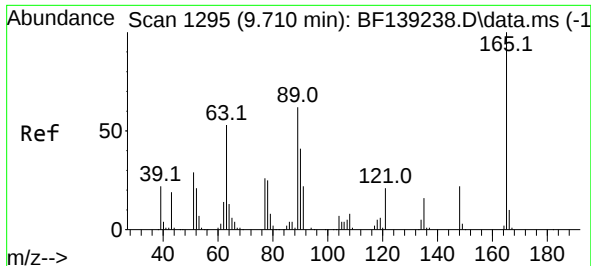
Lab File: BF139253.D

Acq: 05 Sep 2024 10:35

Tgt Ion:163 Resp: 77704

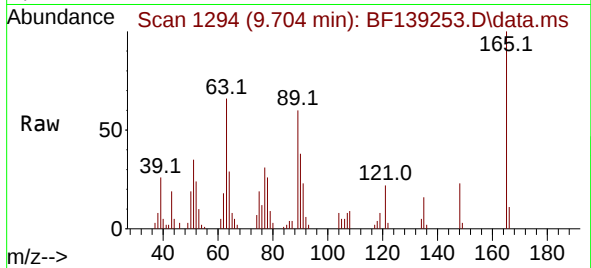
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.8	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 4.103 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

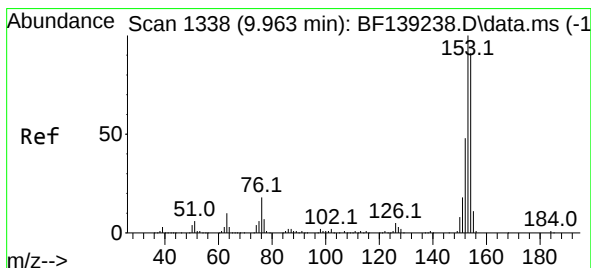
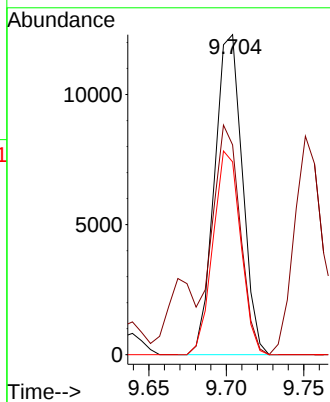
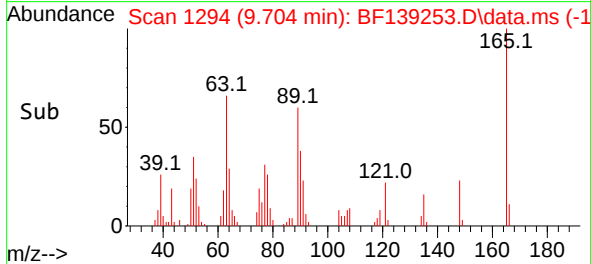
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:165 Resp: 15394
Ion Ratio Lower Upper
165 100
63 65.5 56.1 84.1
89 60.3 49.7 74.5

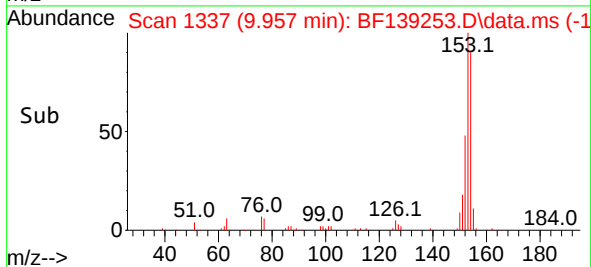
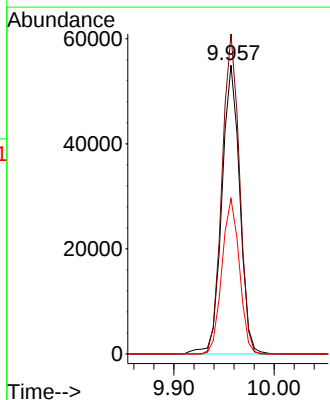
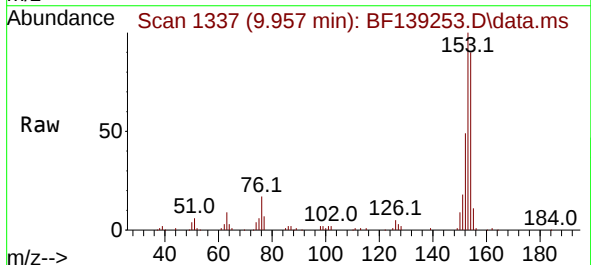
Manual Integrations
APPROVED

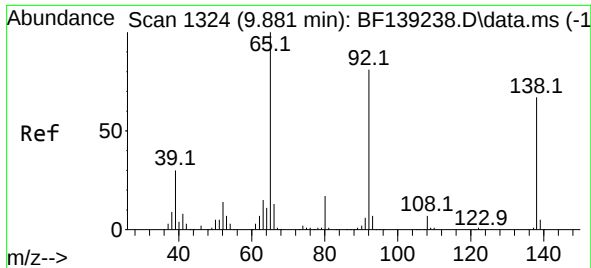
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#52
Acenaphthene
Concen: 4.450 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

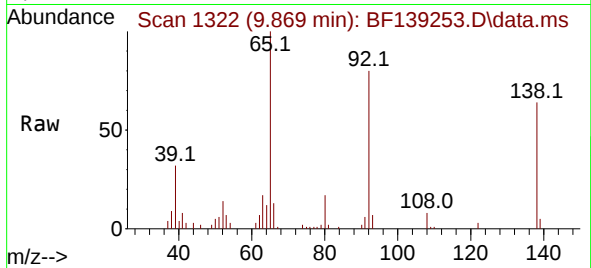
Tgt Ion:154 Resp: 67868
Ion Ratio Lower Upper
154 100
153 110.8 87.8 131.6
152 53.8 41.7 62.5





#53
3-Nitroaniline
Concen: 4.237 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

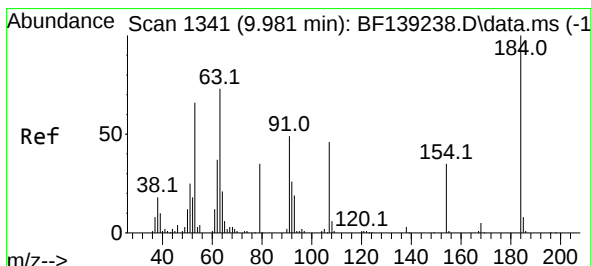
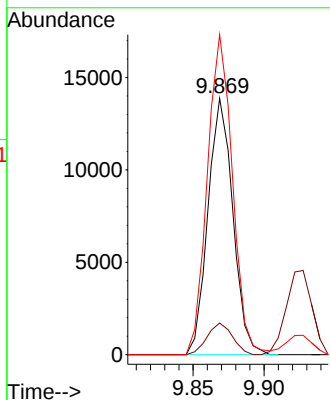
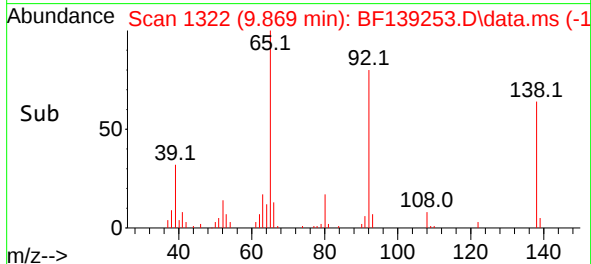
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



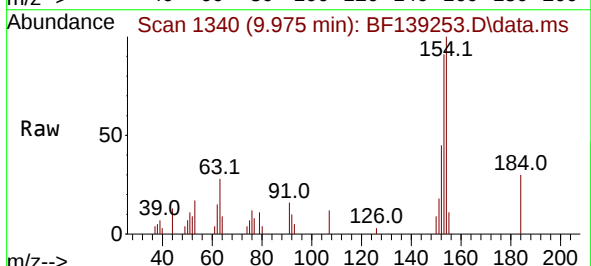
Tgt Ion:138 Resp: 16938
Ion Ratio Lower Upper
138 100
108 12.4 8.6 13.0
92 124.8 96.4 144.6

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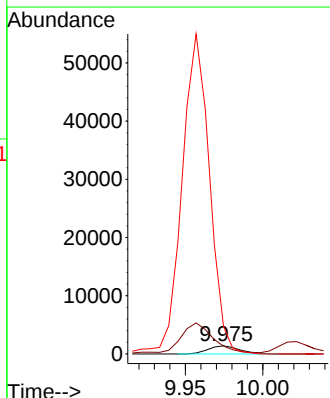
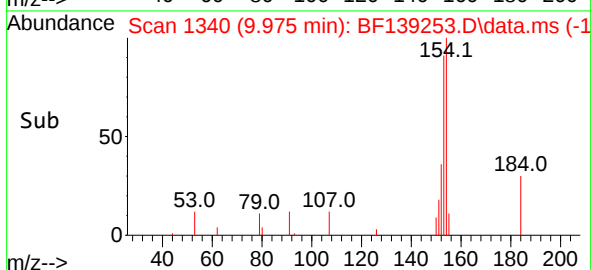
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

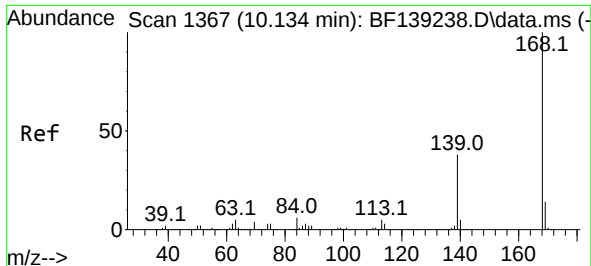


#54
2,4-Dinitrophenol
Concen: 8.425 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35



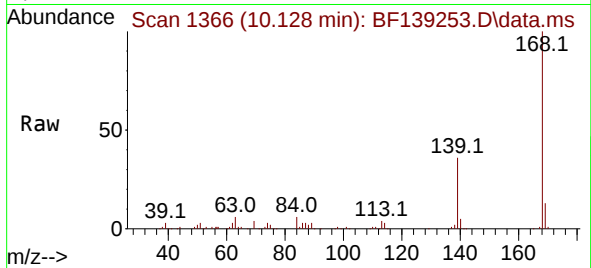
Tgt Ion:184 Resp: 1952
Ion Ratio Lower Upper
184 100
63 95.5 66.4 99.6
154 335.7 97.0 145.6#





#55
Dibenzenofuran
Concen: 4.910 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

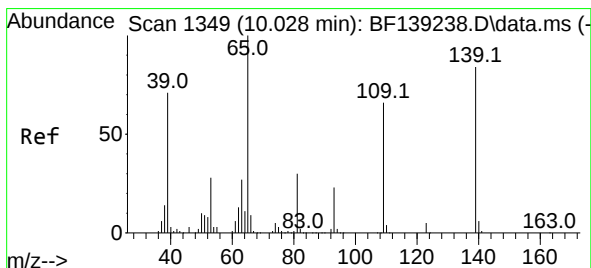
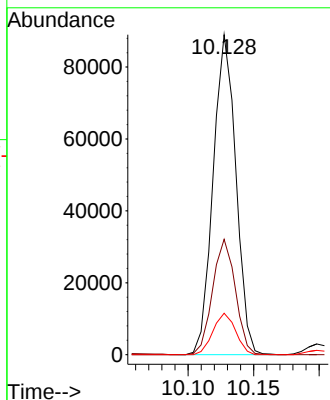
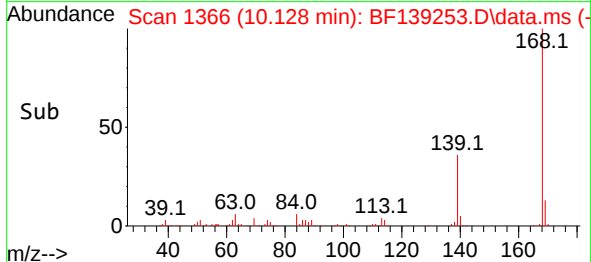
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:168 Resp: 107354
Ion Ratio Lower Upper
168 100
139 36.1 30.2 45.4
169 13.0 10.8 16.2

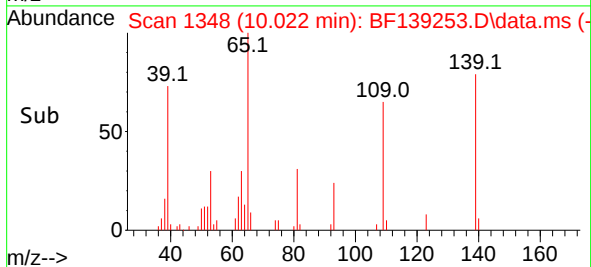
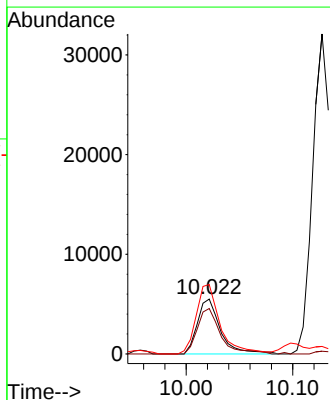
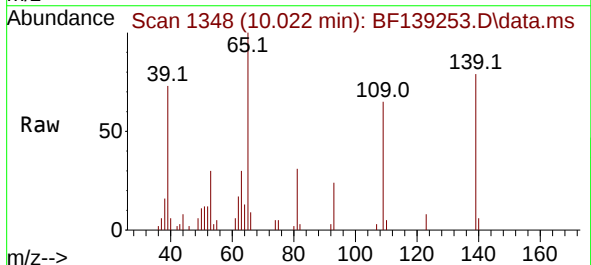
Manual Integrations
APPROVED

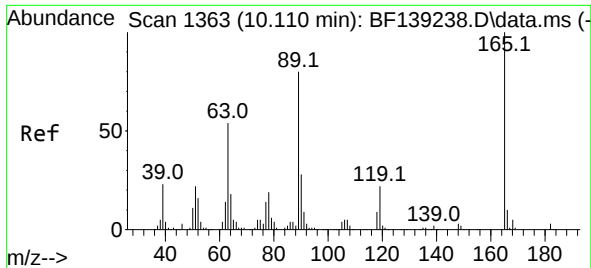
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#56
4-Nitrophenol
Concen: 2.814 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

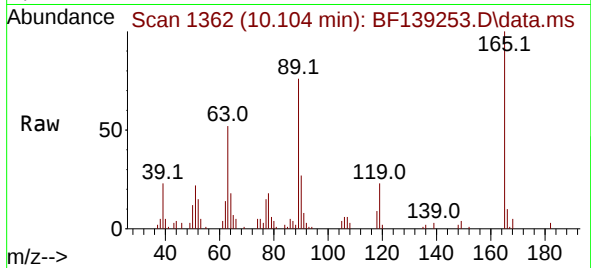
Tgt Ion:139 Resp: 8303
Ion Ratio Lower Upper
139 100
109 82.9 58.7 98.7
65 126.6 100.3 140.3





#57
2,4-Dinitrotoluene
Concen: 3.936 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

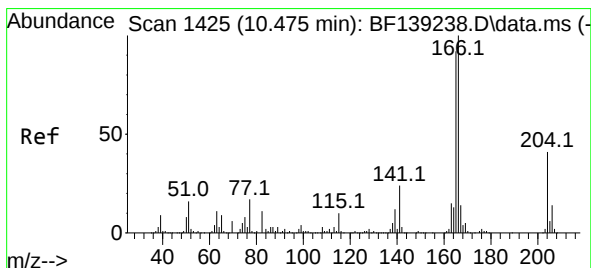
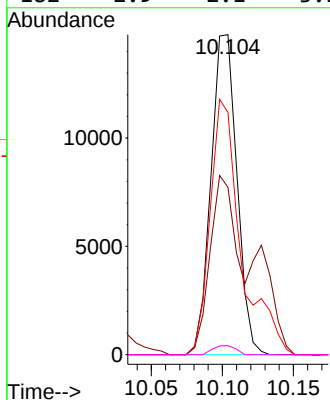
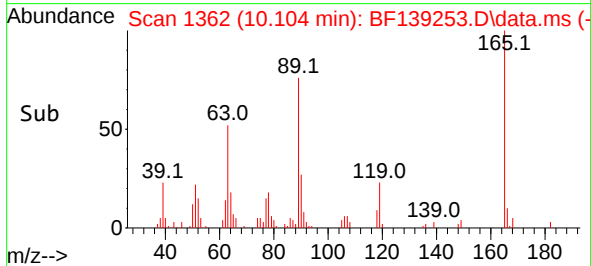
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:165 Resp: 18790
Ion Ratio Lower Upper
165 100
63 52.3 43.4 65.0
89 75.7 64.2 96.4
182 2.9 2.1 3.1

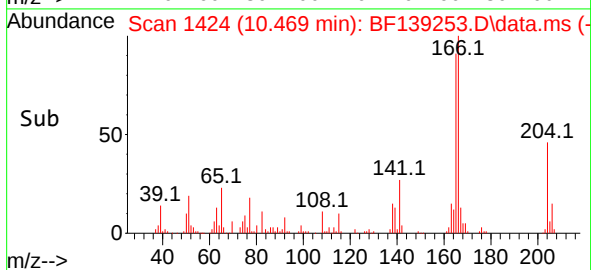
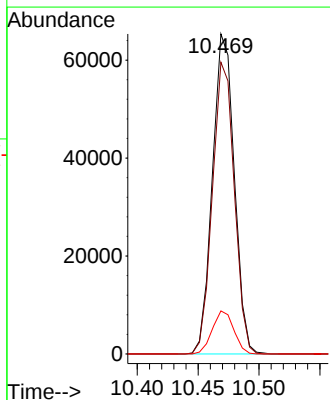
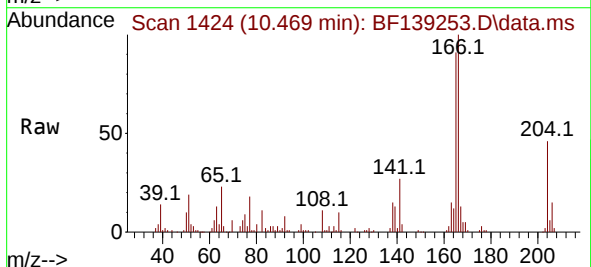
Manual Integrations
APPROVED

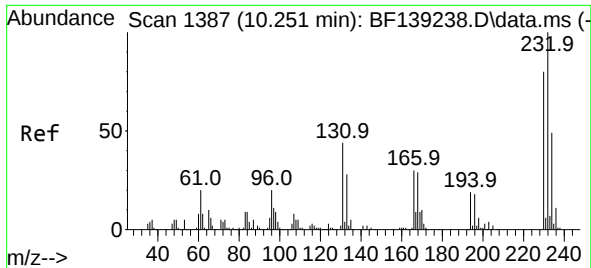
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#58
Fluorene
Concen: 4.821 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

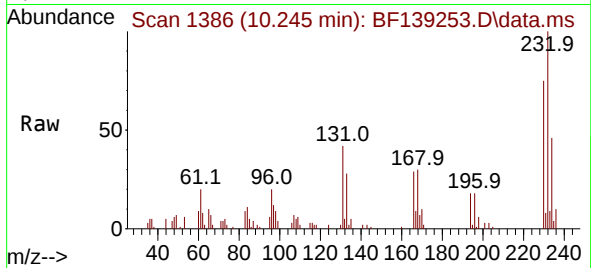
Tgt Ion:166 Resp: 81726
Ion Ratio Lower Upper
166 100
165 91.1 73.7 110.5
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.348 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

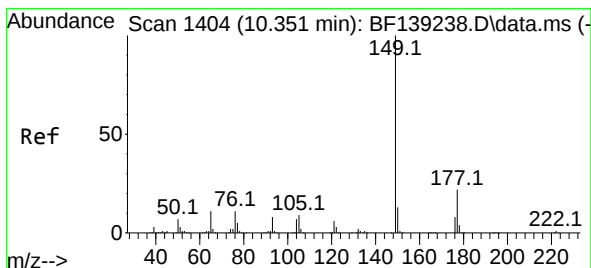
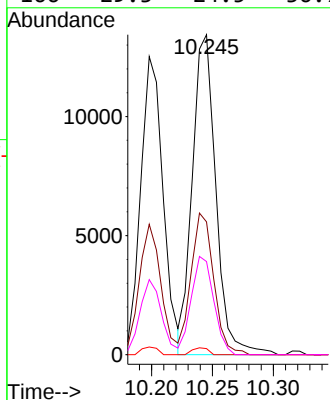
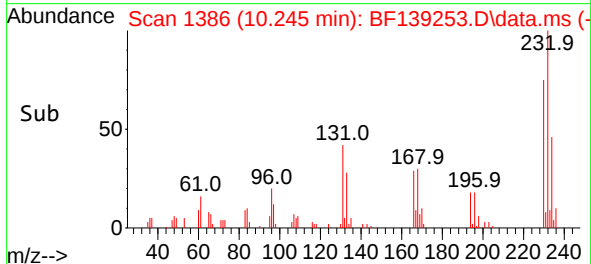
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:232 Resp: 1811
Ion Ratio Lower Upper
232 100
131 42.6 37.7 56.5
130 1.5 1.9 2.9
166 29.3 24.5 36.7

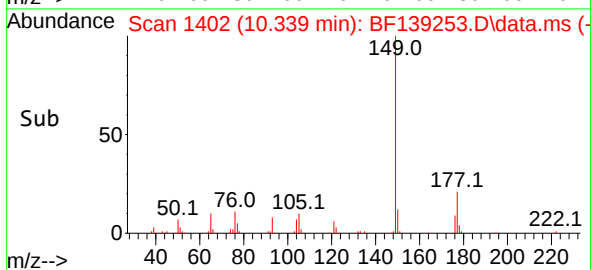
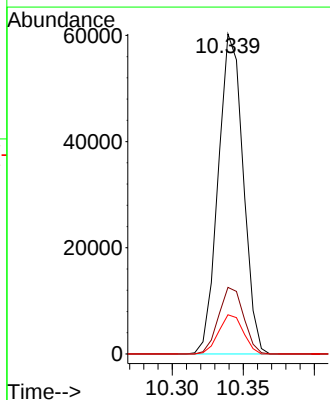
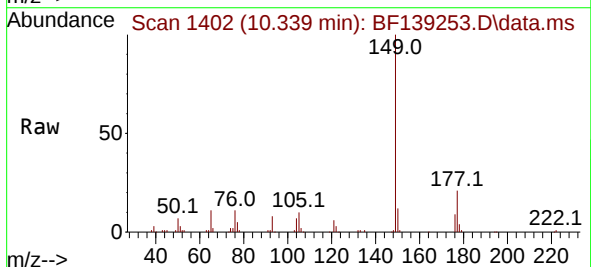
Manual Integrations
APPROVED

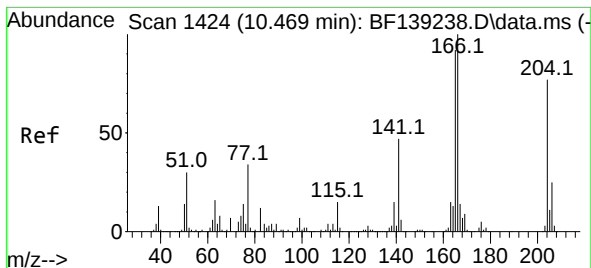
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#60
Diethylphthalate
Concen: 4.519 ng
RT: 10.339 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

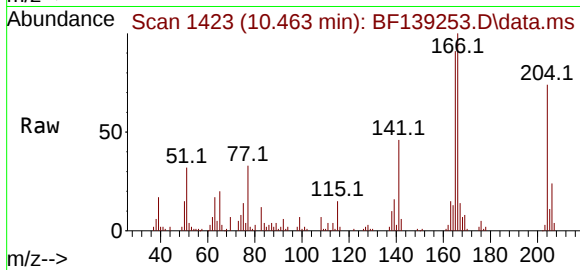
Tgt Ion:149 Resp: 73552
Ion Ratio Lower Upper
149 100
177 20.8 17.7 26.5
150 12.3 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 4.681 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

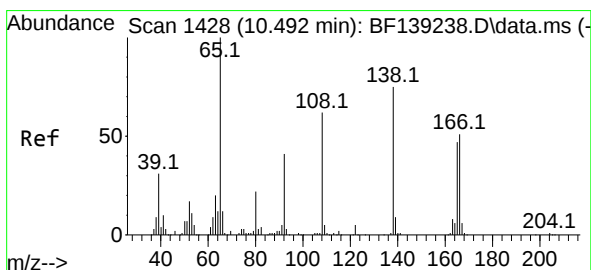
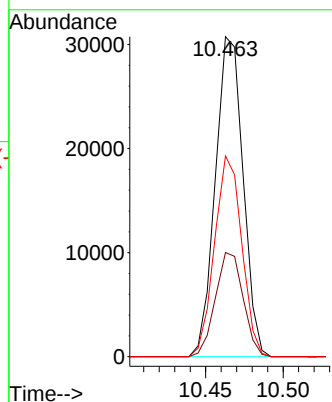
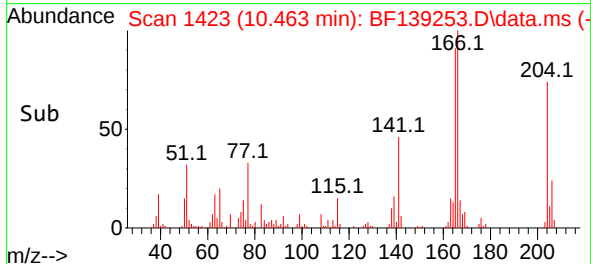
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



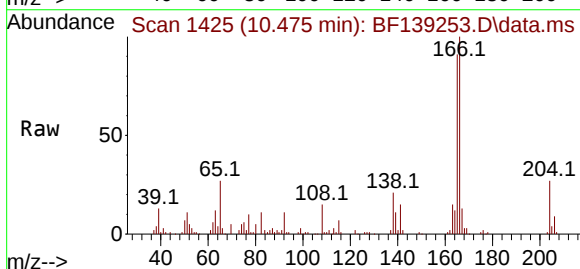
Tgt Ion:204 Resp: 3826
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 62.8 48.6 72.8

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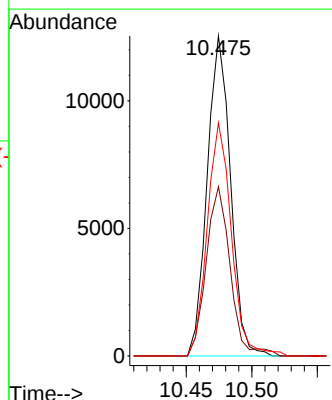
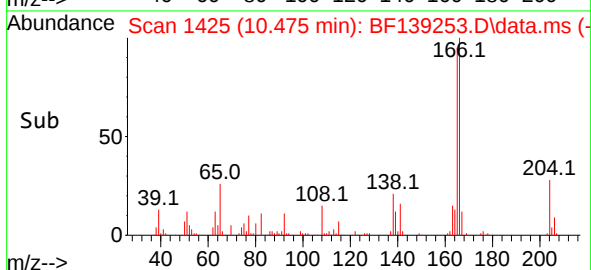
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

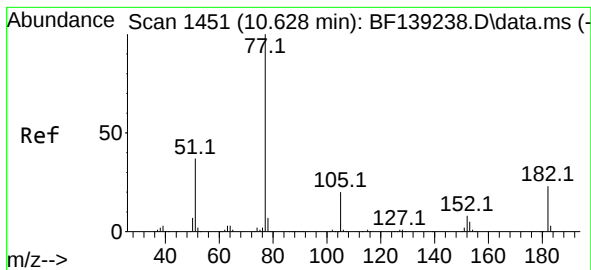


#62
4-Nitroaniline
Concen: 4.083 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.018 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35



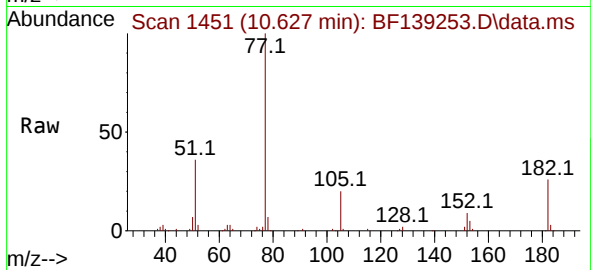
Tgt Ion:138 Resp: 15537
Ion Ratio Lower Upper
138 100
92 52.9 34.4 74.4
108 72.9 62.7 102.7





#63
Azobenzene
Concen: 4.594 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

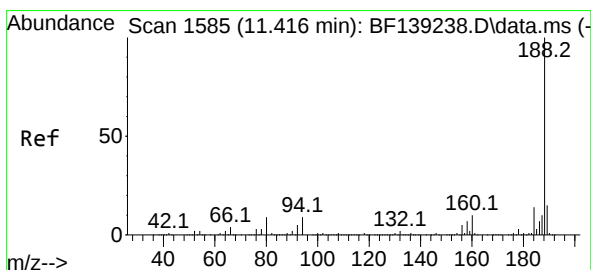
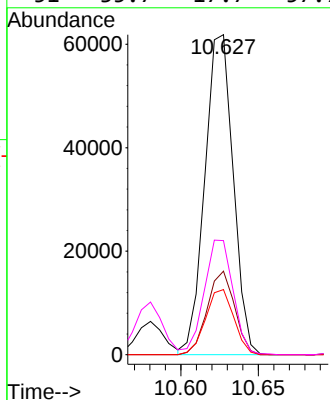
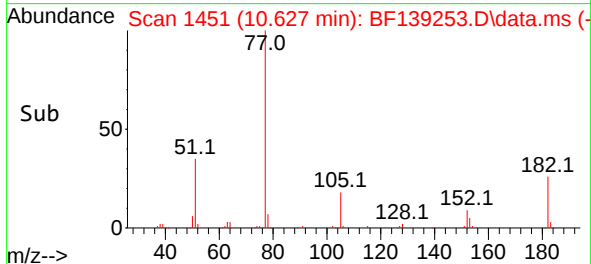
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



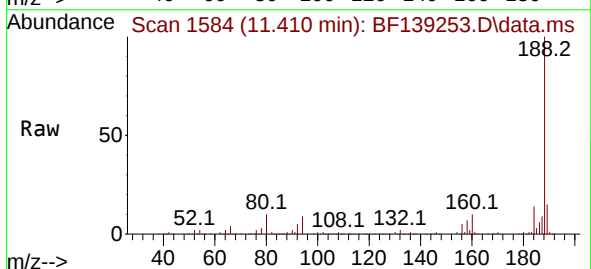
Tgt Ion: 77 Resp: 7881
Ion Ratio Lower Upper
77 100
182 26.1 3.0 43.0
105 20.4 0.0 39.4
51 35.7 17.7 57.7

Manual Integrations
APPROVED

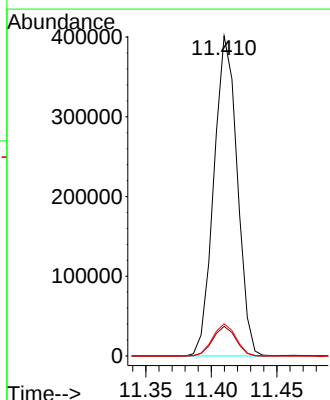
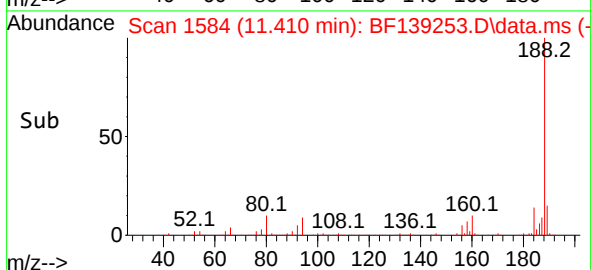
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

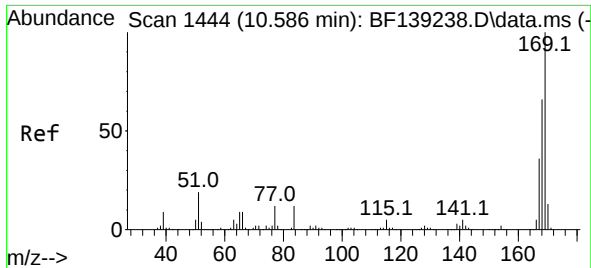


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35



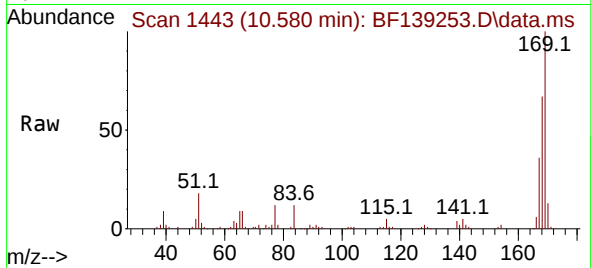
Tgt Ion:188 Resp: 497374
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 10.1 7.3 10.9





#66
n-Nitrosodiphenylamine
Concen: 4.651 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

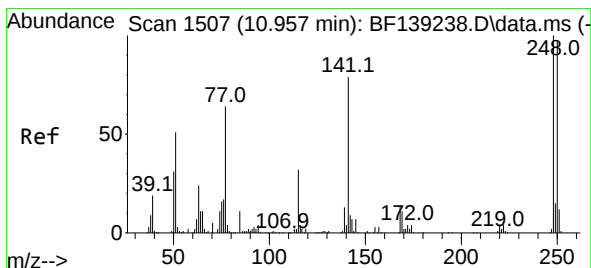
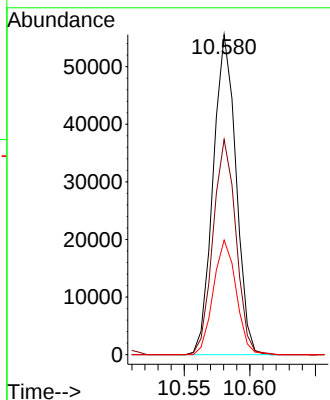
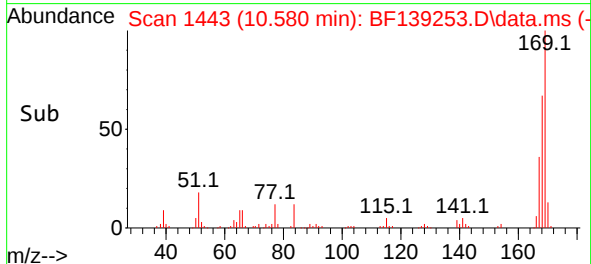
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:169 Resp: 6733
Ion Ratio Lower Upper
169 100
168 67.3 53.0 79.6
167 35.8 29.0 43.6

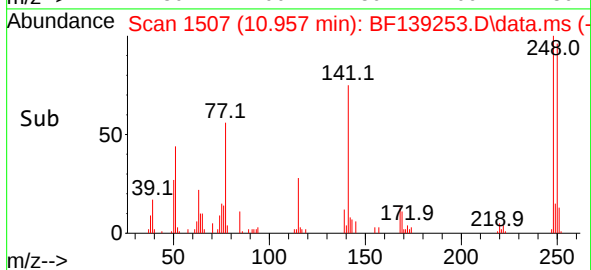
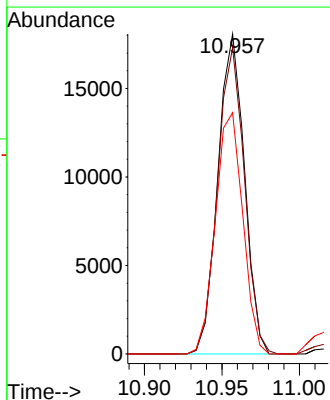
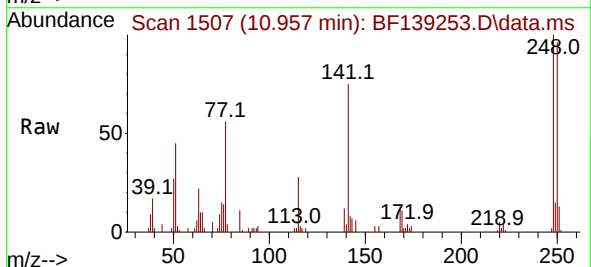
Manual Integrations
APPROVED

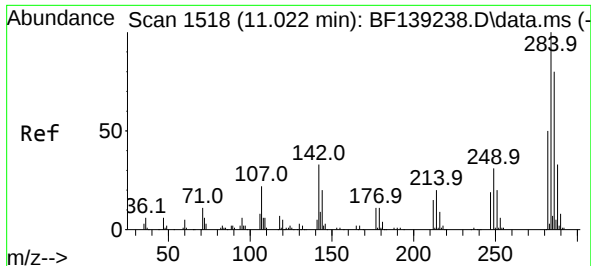
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#67
4-Bromophenyl-phenylether
Concen: 4.468 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

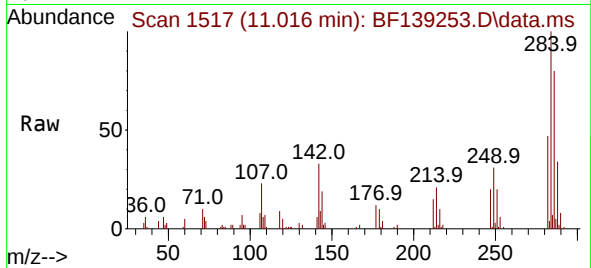
Tgt Ion:248 Resp: 21561
Ion Ratio Lower Upper
248 100
250 95.8 77.2 115.8
141 75.4 63.6 95.4





#68
Hexachlorobenzene
Concen: 4.574 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

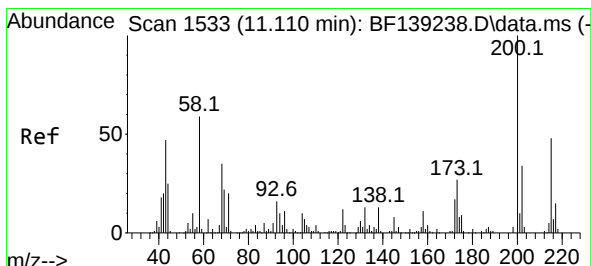
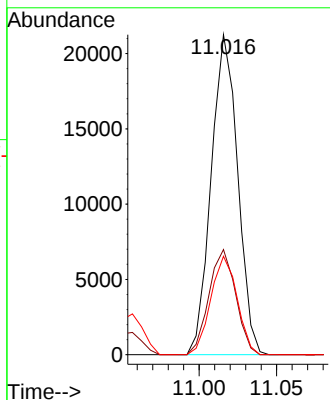
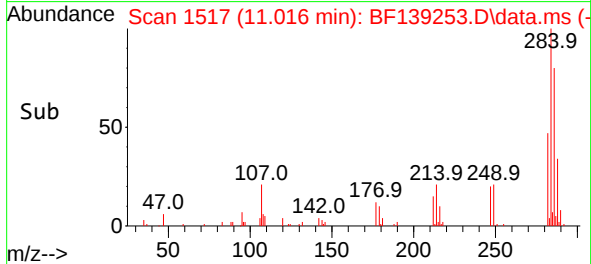
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT2-2024



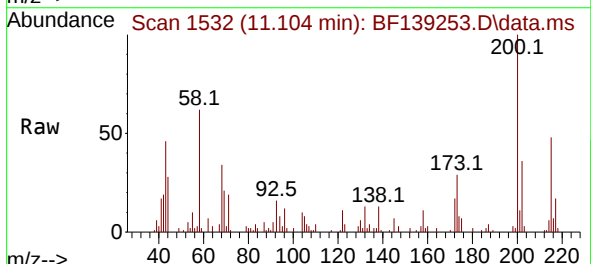
Tgt Ion:284 Resp: 2526
Ion Ratio Lower Upper
284 100
142 32.9 26.5 39.7
249 30.7 24.8 37.2

Manual Integrations
APPROVED

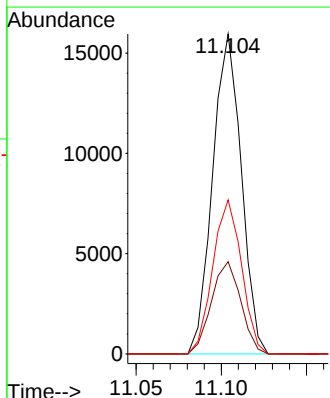
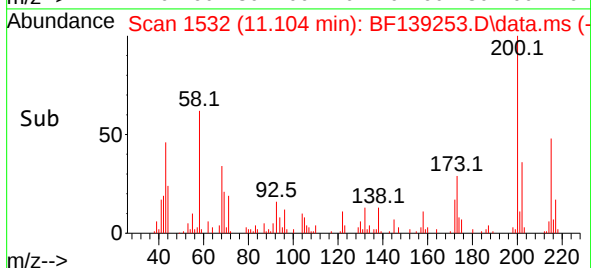
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

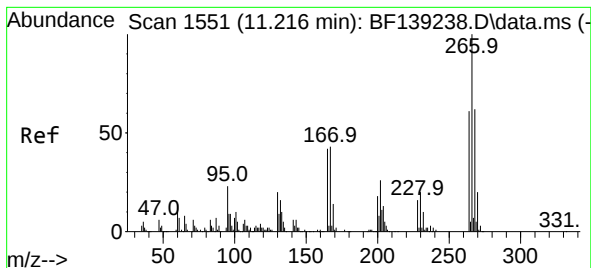


#69
Atrazine
Concen: 5.577 ng
RT: 11.104 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35



Tgt Ion:200 Resp: 18630
Ion Ratio Lower Upper
200 100
173 28.8 7.1 47.1
215 48.2 28.5 68.5





#70

Pentachlorophenol

Concen: 2.457 ng

RT: 11.210 min Scan# 1551

Delta R.T. -0.006 min

Lab File: BF139253.D

Acq: 05 Sep 2024 10:35

Instrument :

BNA_F

ClientSampleId :

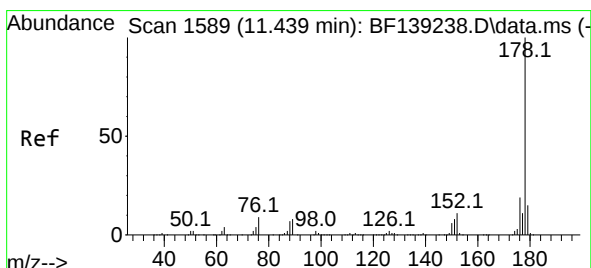
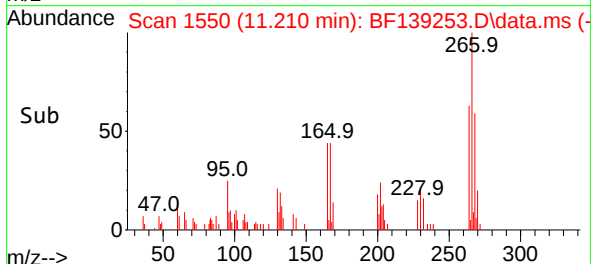
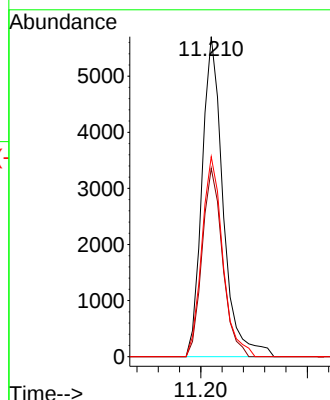
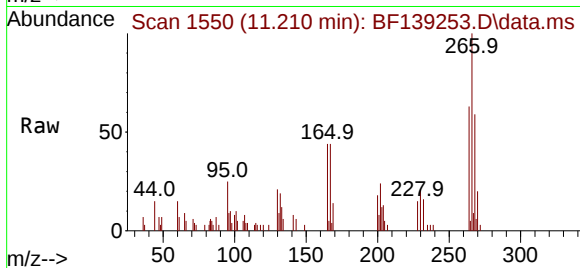
LOQ-SOIL-02-QT2-2024

Tgt Ion:266	Resp:	7840
Ion Ratio	Lower	Upper
266	100	
268	58.9	49.7 74.5
264	62.5	49.2 73.8

Manual Integrations

APPROVED

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



#71

Phenanthrene

Concen: 4.863 ng

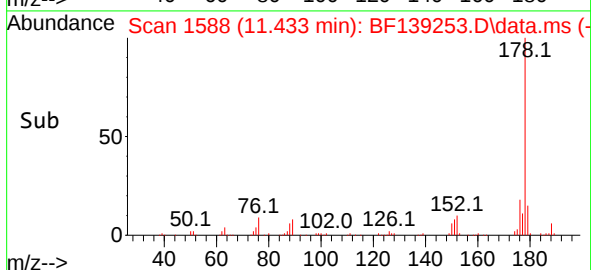
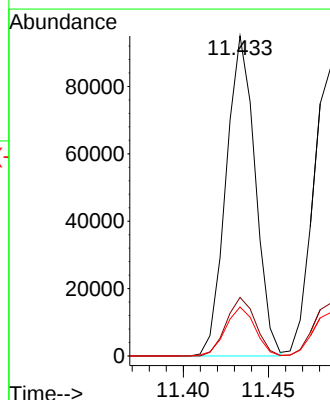
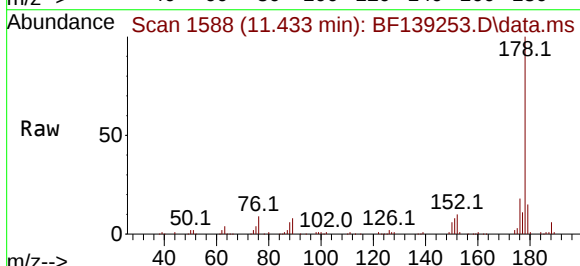
RT: 11.433 min Scan# 1588

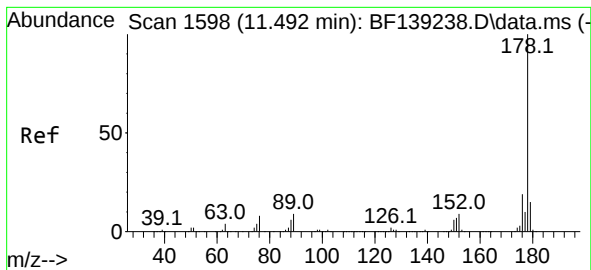
Delta R.T. -0.006 min

Lab File: BF139253.D

Acq: 05 Sep 2024 10:35

Tgt Ion:178	Resp:	112990
Ion Ratio	Lower	Upper
178	100	
176	18.3	15.4 23.0
179	15.3	12.3 18.5





#72

Anthracene

Concen: 4.624 ng

RT: 11.486 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF139253.D

Acq: 05 Sep 2024 10:35

Instrument :

BNA_F

ClientSampleId :

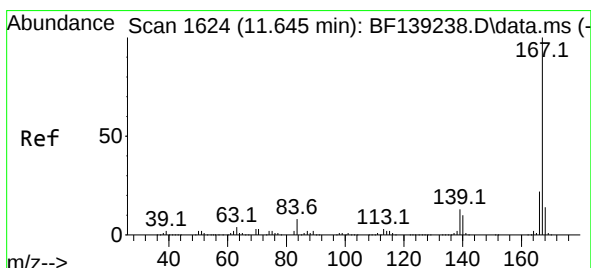
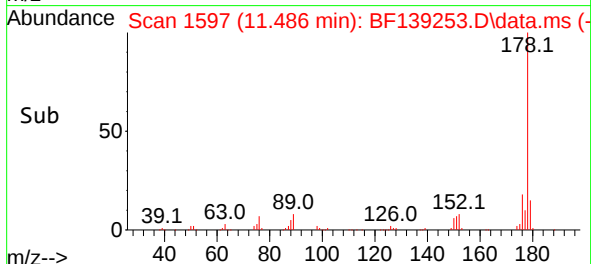
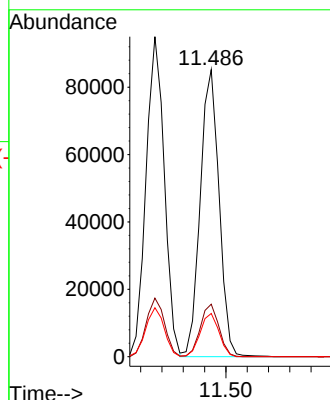
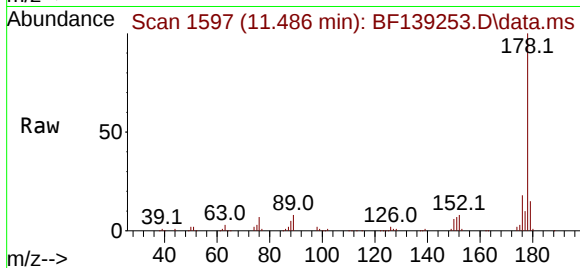
LOQ-SOIL-02-QT2-2024

Tgt Ion:178 Resp: 104964
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.0 22.4
 179 15.1 12.3 18.5

Manual Integrations

APPROVED

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



#73

Carbazole

Concen: 4.536 ng

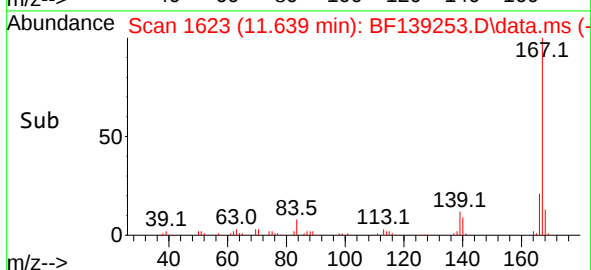
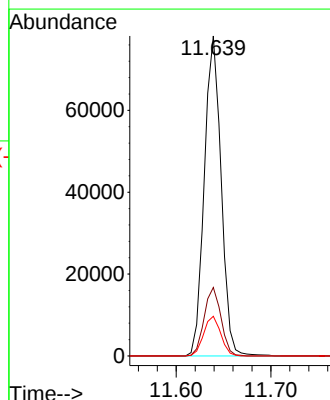
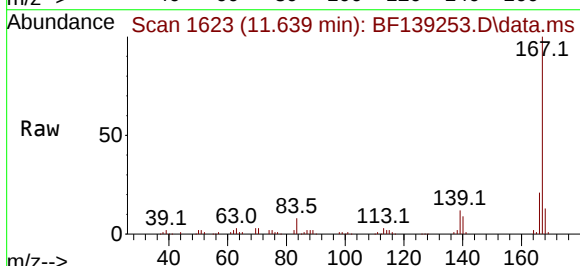
RT: 11.639 min Scan# 1623

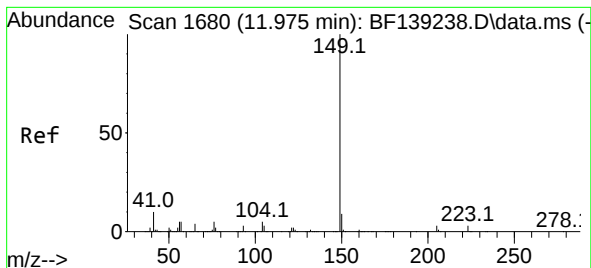
Delta R.T. -0.006 min

Lab File: BF139253.D

Acq: 05 Sep 2024 10:35

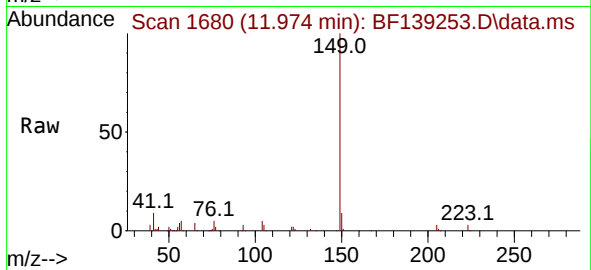
Tgt Ion:167 Resp: 96226
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.4 10.2 15.4





#74
Di-n-butylphthalate
Concen: 4.488 ng
RT: 11.974 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

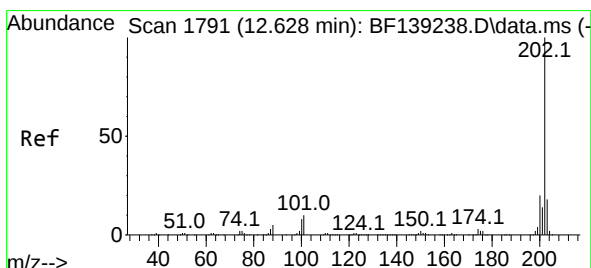
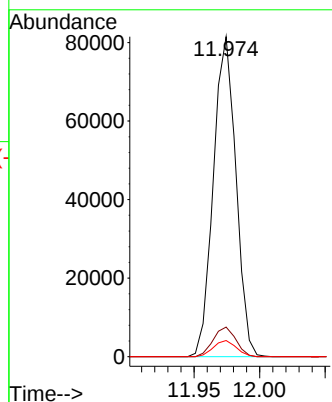
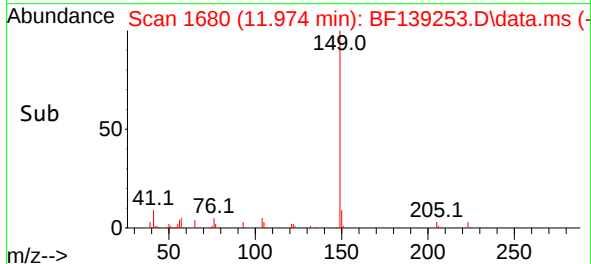
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



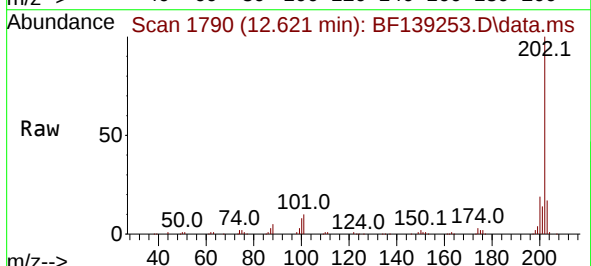
Tgt Ion:149 Resp: 97490
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.0 3.9 5.9

Manual Integrations
APPROVED

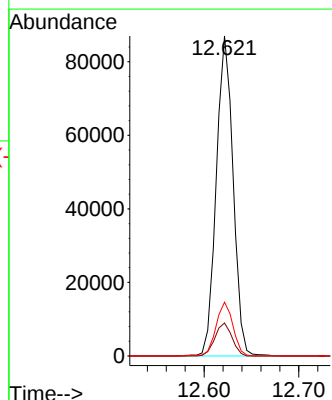
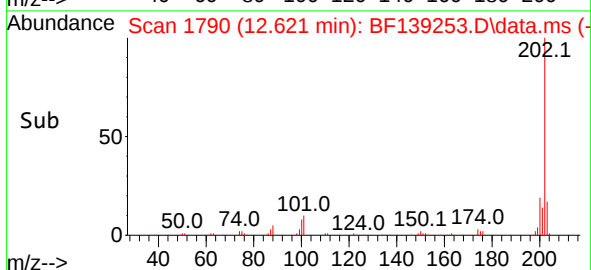
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

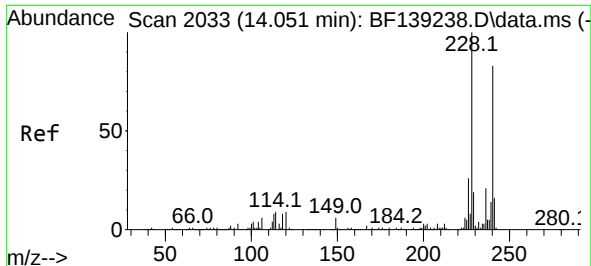


#75
Fluoranthene
Concen: 4.618 ng
RT: 12.621 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35



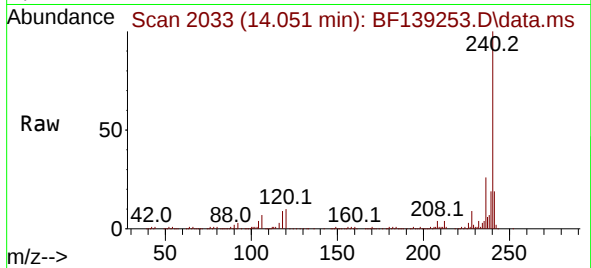
Tgt Ion:202 Resp: 107577
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.9
203 16.8 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

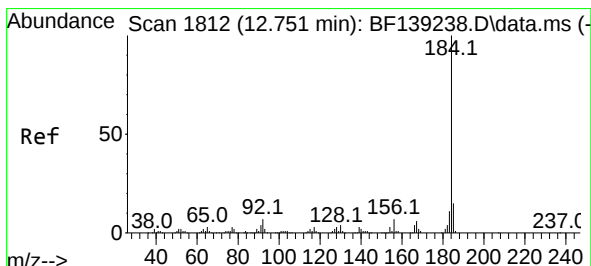
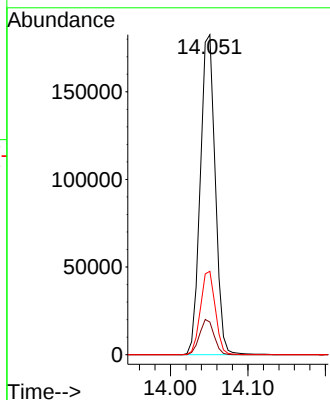
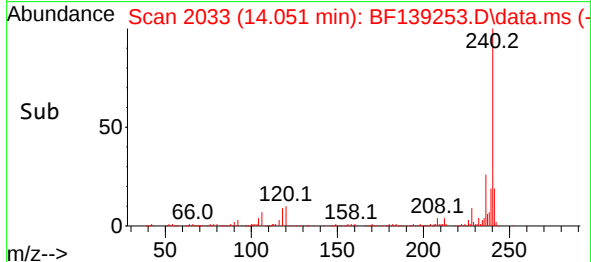
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



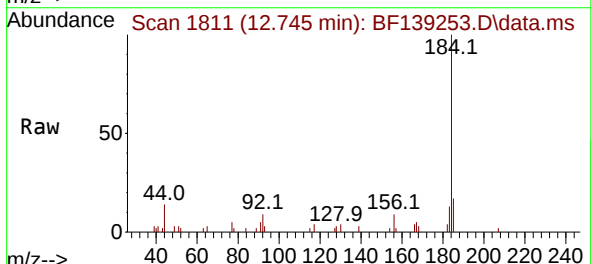
Tgt Ion:240 Resp: 244312
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 26.1 20.7 31.1

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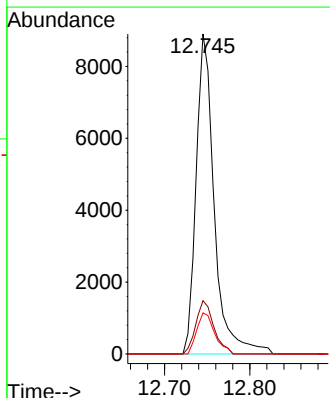
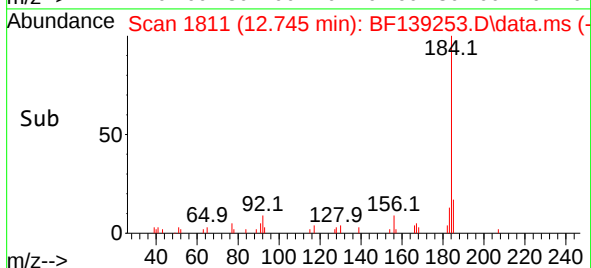
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

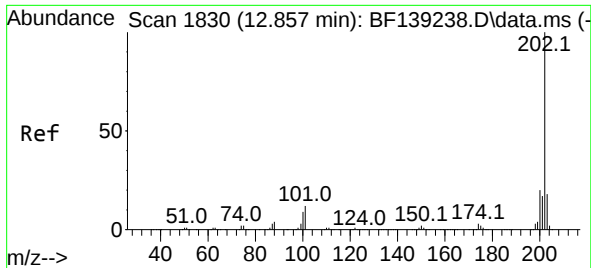


#77
Benzidine
Concen: 2.673 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35



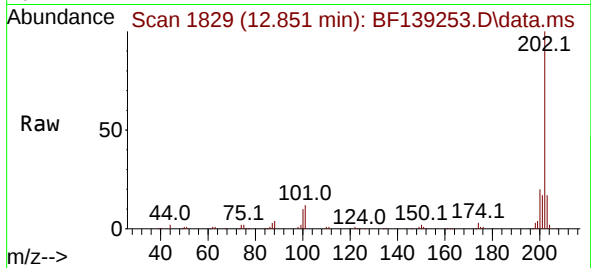
Tgt Ion:184 Resp: 13148
Ion Ratio Lower Upper
184 100
185 16.6 11.9 17.9
183 12.8 8.8 13.2





#78
Pyrene
Concen: 4.607 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

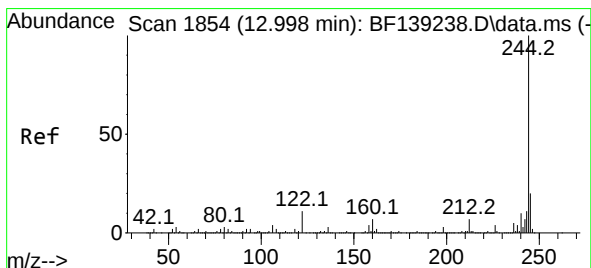
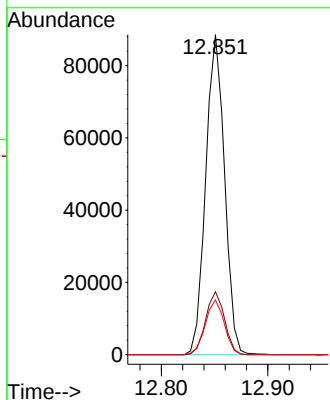
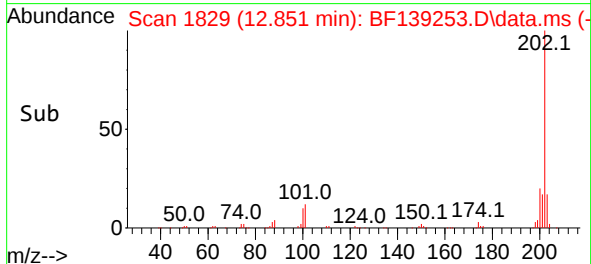
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT2-2024



Tgt Ion:202 Resp: 108738
Ion Ratio Lower Upper
202 100
200 19.7 15.8 23.8
203 17.1 14.1 21.1

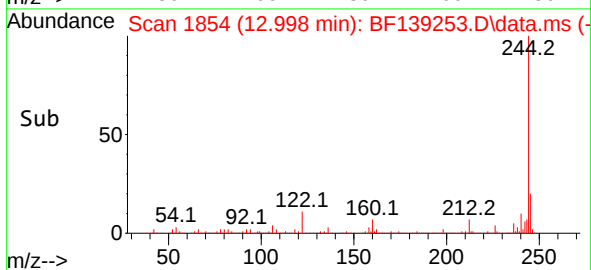
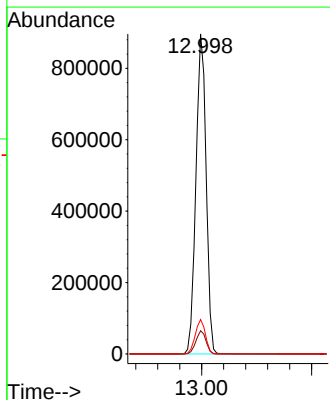
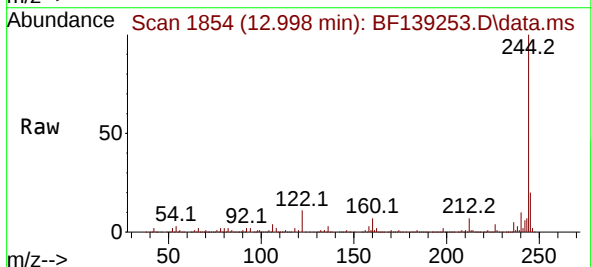
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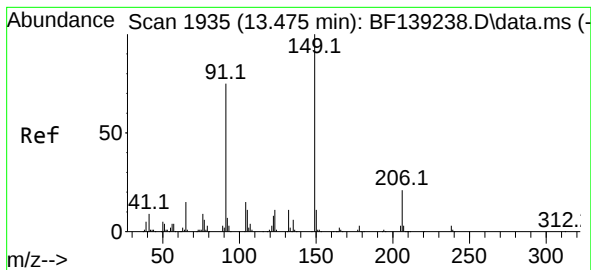
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#79
Terphenyl-d14
Concen: 76.414 ng
RT: 12.998 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

Tgt Ion:244 Resp: 1156260
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 10.7 8.7 13.1





#80

Butylbenzylphthalate

Concen: 3.965 ng

RT: 13.474 min Scan# 1935

Delta R.T. -0.000 min

Lab File: BF139253.D

Acq: 05 Sep 2024 10:35

Instrument :

BNA_F

ClientSampleId :

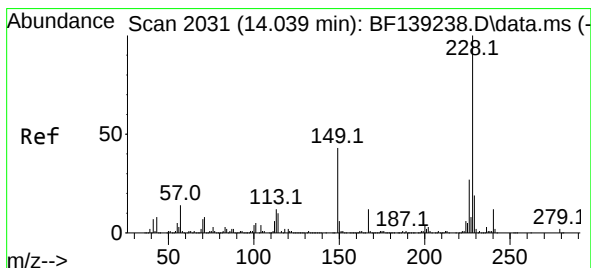
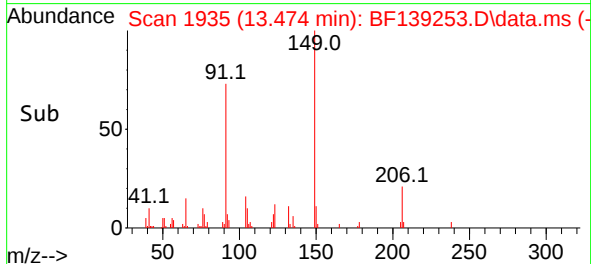
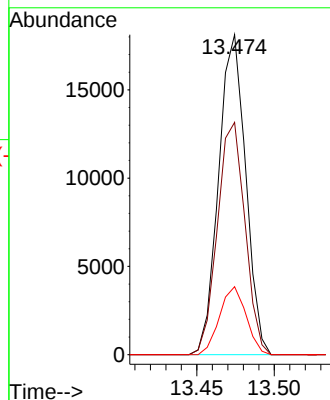
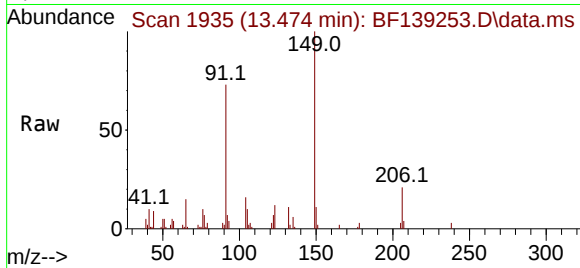
LOQ-SOIL-02-QT2-2024

Tgt Ion:	149	Resp:	2202
Ion Ratio	Lower	Upper	
149	100		
91	72.6	60.3	90.5
206	21.3	16.7	25.1

Manual Integrations

APPROVED

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



#81

Benzo(a)anthracene

Concen: 4.579 ng

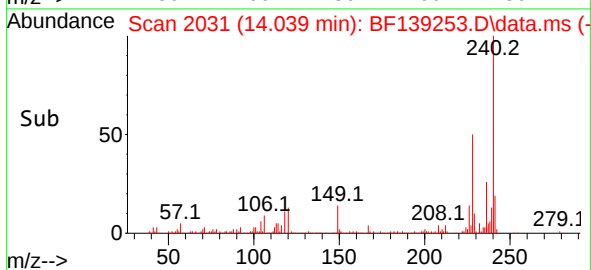
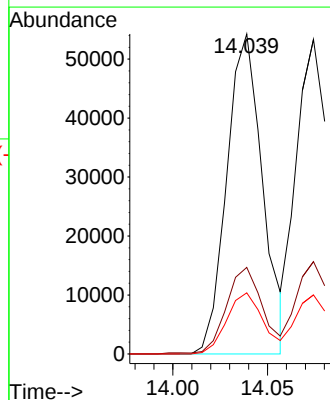
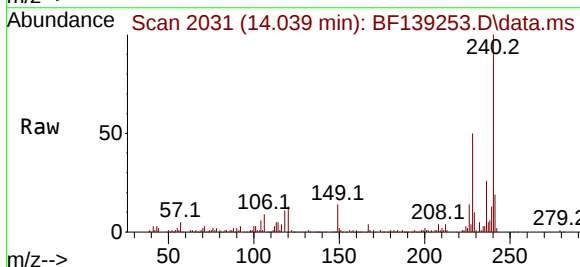
RT: 14.039 min Scan# 2031

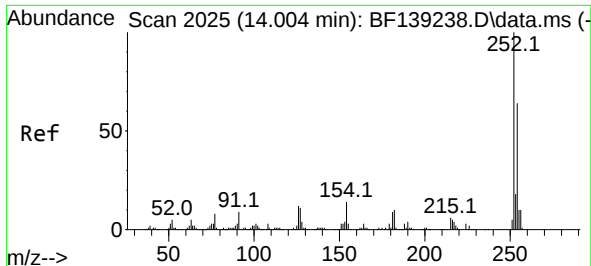
Delta R.T. -0.000 min

Lab File: BF139253.D

Acq: 05 Sep 2024 10:35

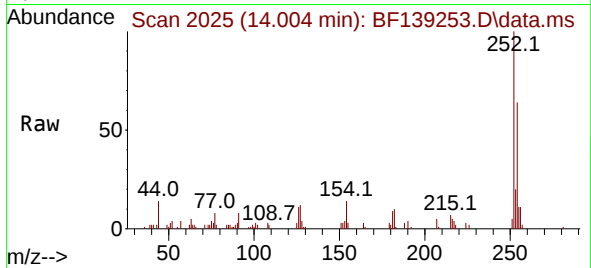
Tgt Ion:	228	Resp:	71441
Ion Ratio	Lower	Upper	
228	100		
226	27.0	21.5	32.3
229	19.1	15.6	23.4





#82
3,3'-Dichlorobenzidine
Concen: 4.376 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

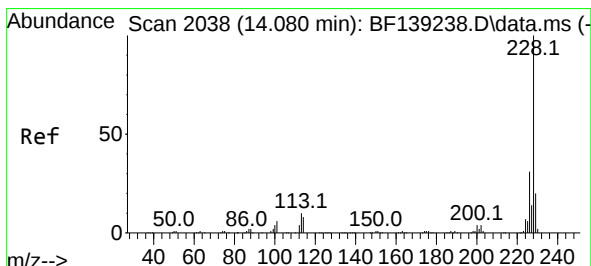
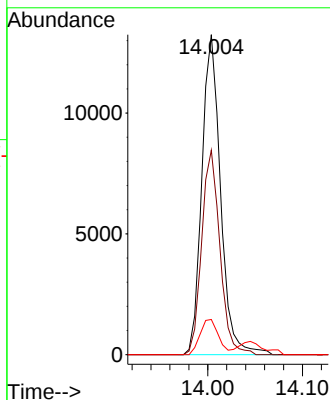
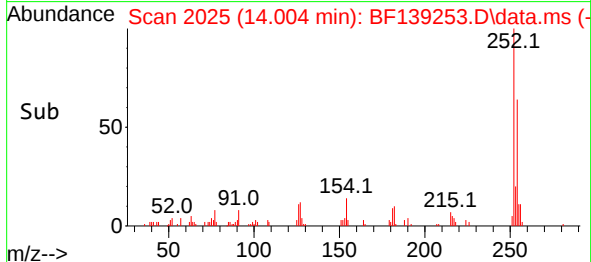
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT2-2024



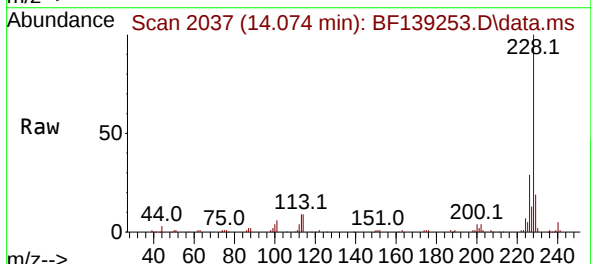
Tgt Ion:252 Resp: 18128
Ion Ratio Lower Upper
252 100
254 63.9 51.5 77.3
126 11.0 9.2 13.8

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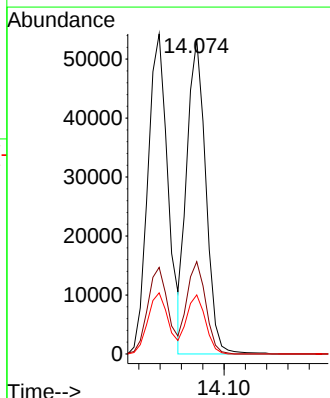
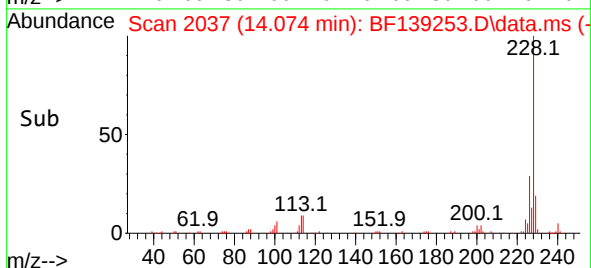
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

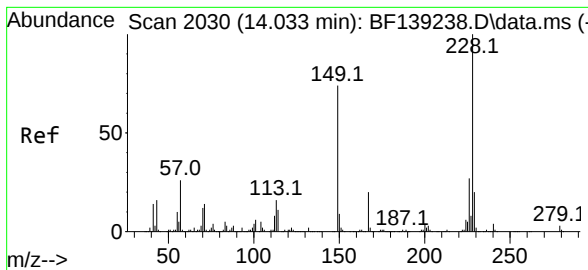


#83
Chrysene
Concen: 4.530 ng
RT: 14.074 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35



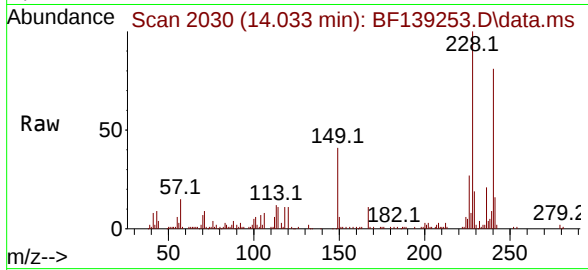
Tgt Ion:228 Resp: 65956
Ion Ratio Lower Upper
228 100
226 29.4 23.8 35.8
229 18.8 15.8 23.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.768 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

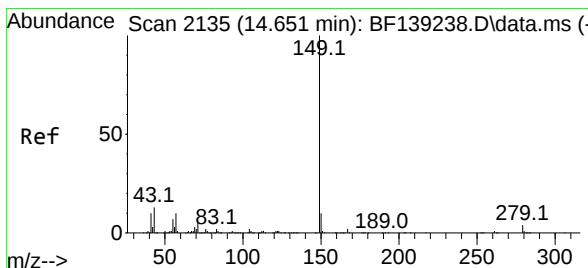
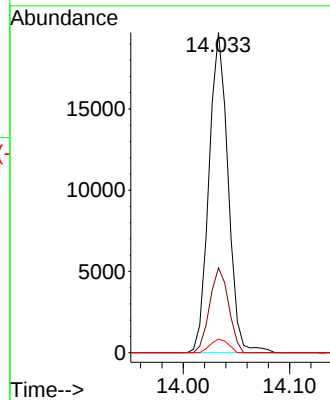
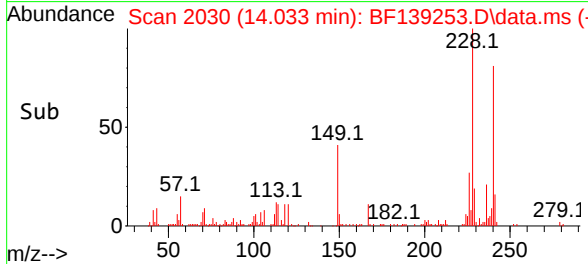
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:149 Resp: 2457
Ion Ratio Lower Upper
149 100
167 26.5 21.8 32.6
279 4.2 3.0 4.6

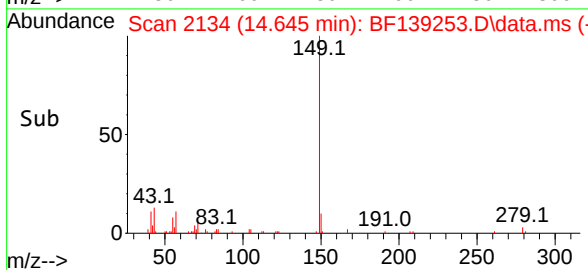
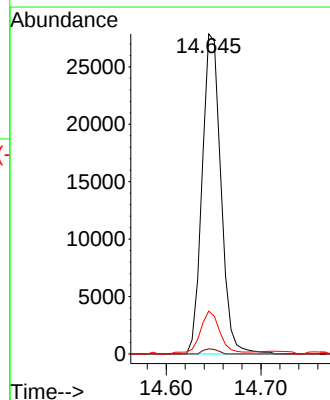
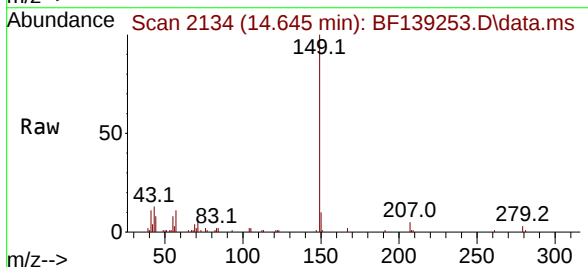
Manual Integrations
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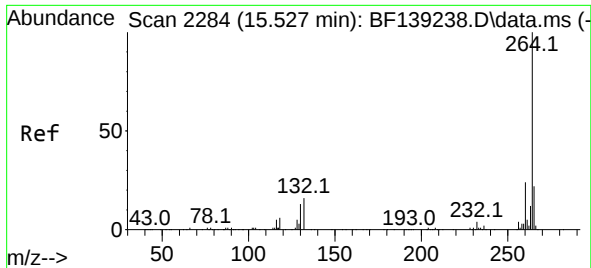
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#85
Di-n-octyl phthalate
Concen: 3.070 ng
RT: 14.645 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

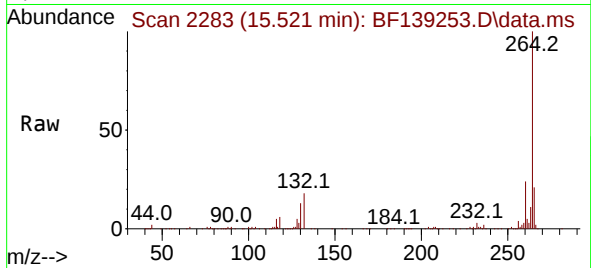
Tgt Ion:149 Resp: 38332
Ion Ratio Lower Upper
149 100
167 1.3 1.3 1.9#
43 14.4 10.9 16.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF139253.D
 Acq: 05 Sep 2024 10:35

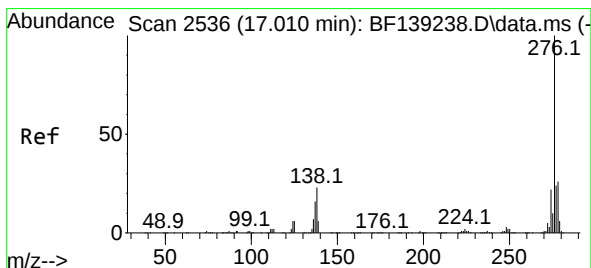
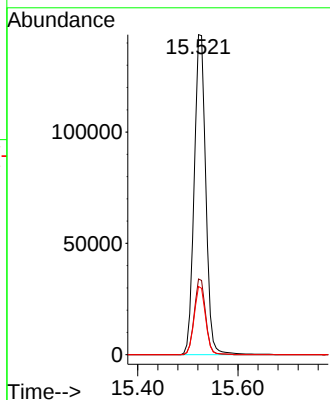
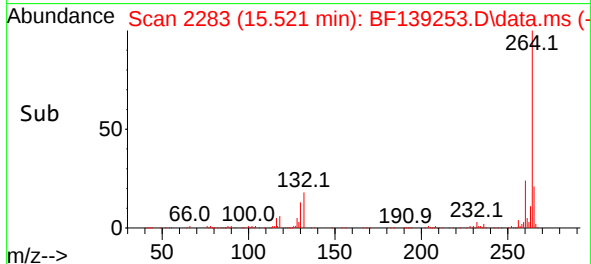
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024



Tgt Ion:264 Resp: 229910
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.3 17.3 25.9

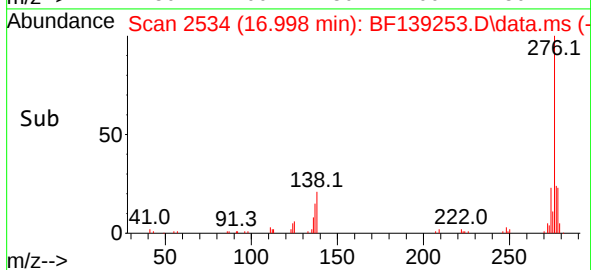
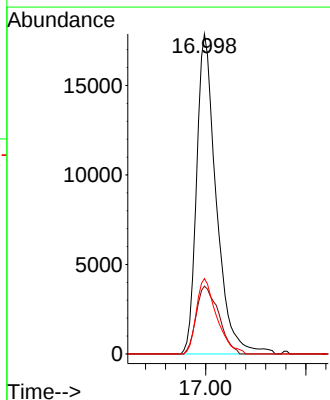
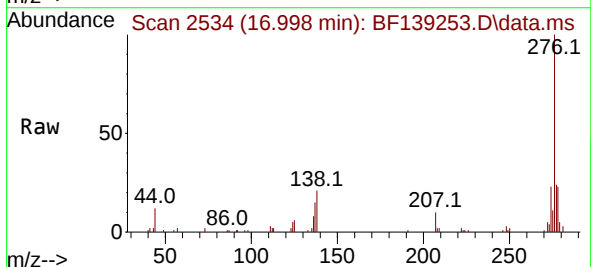
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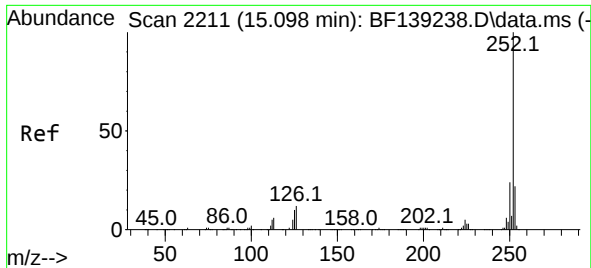
Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.386 ng
 RT: 16.998 min Scan# 2534
 Delta R.T. -0.012 min
 Lab File: BF139253.D
 Acq: 05 Sep 2024 10:35

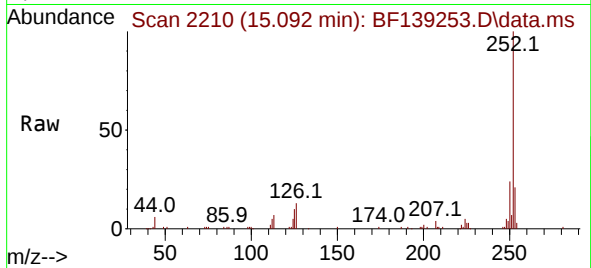
Tgt Ion:276 Resp: 48637
 Ion Ratio Lower Upper
 276 100
 138 24.2 20.4 30.6
 277 24.3 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 4.153 ng
RT: 15.092 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

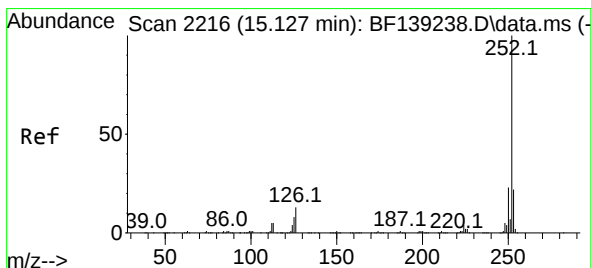
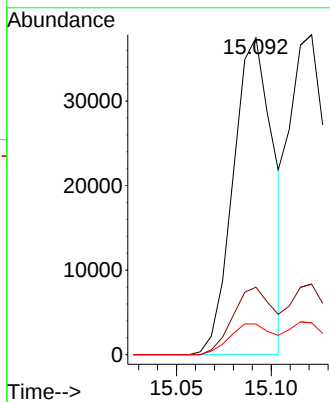
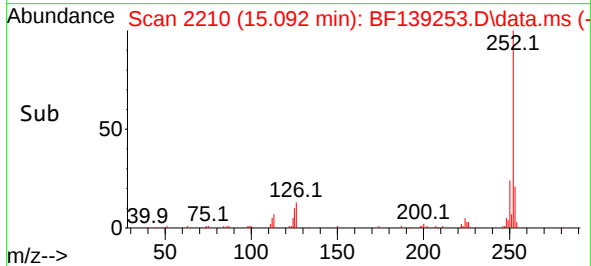
Instrument : BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:252 Resp: 54980
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 9.7 7.6 11.4

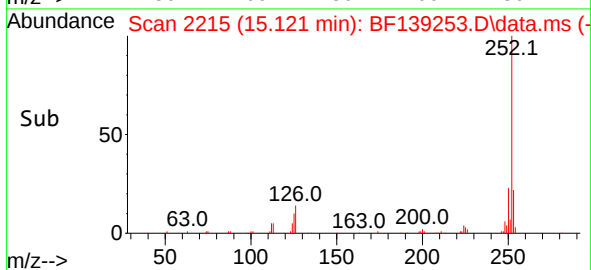
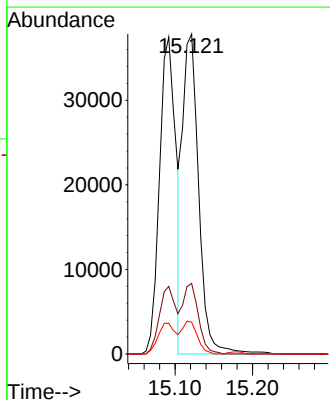
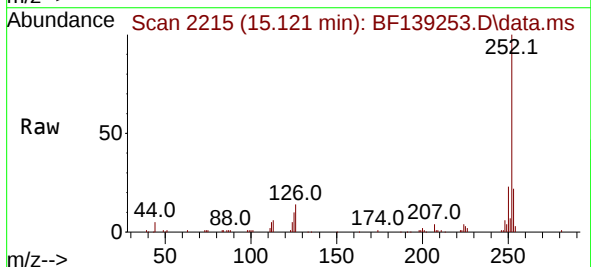
Manual Integrations
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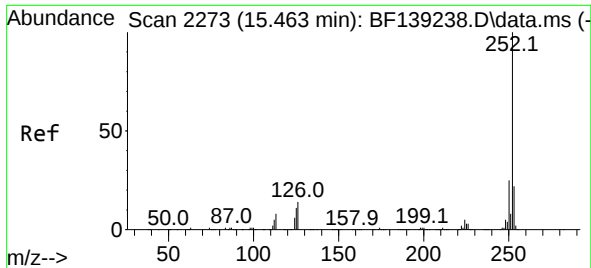
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#89
Benzo(k)fluoranthene
Concen: 4.628 ng
RT: 15.121 min Scan# 2215
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

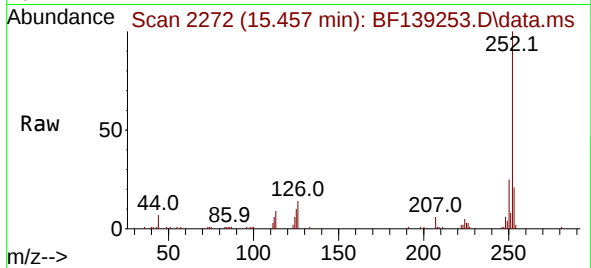
Tgt Ion:252 Resp: 54949
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.0 7.2 10.8





#90
Benzo(a)pyrene
Concen: 4.329 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35

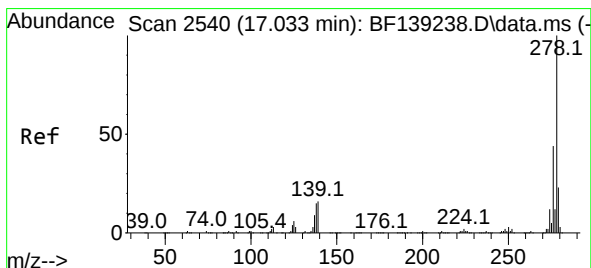
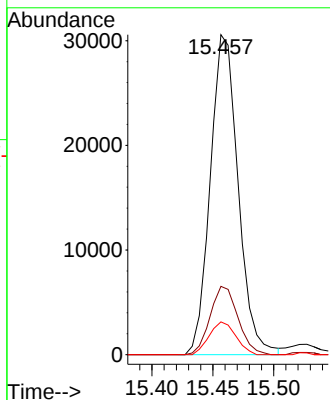
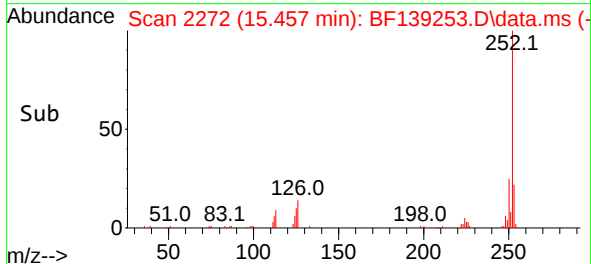
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2024



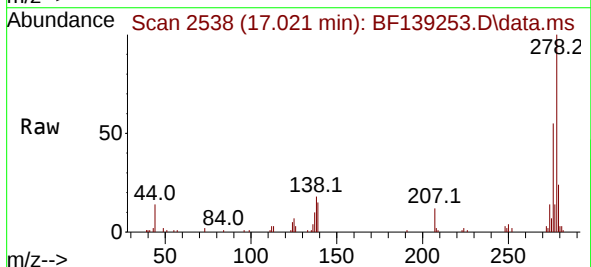
Tgt Ion:252 Resp: 48672
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 10.2 8.6 13.0

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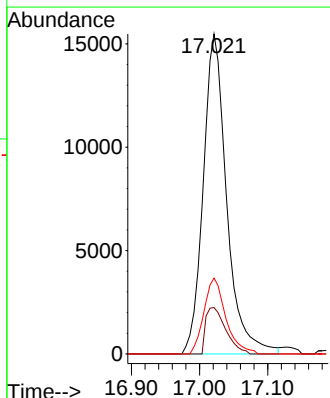
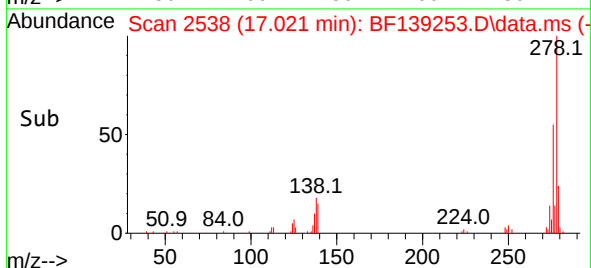
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

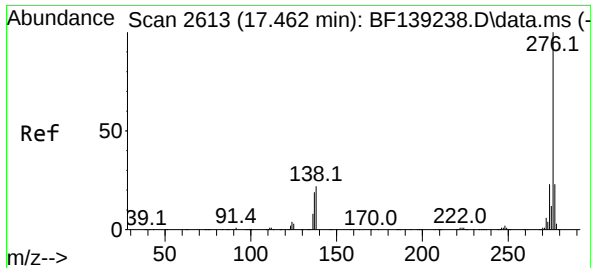


#91
Dibenzo(a,h)anthracene
Concen: 3.135 ng
RT: 17.021 min Scan# 2538
Delta R.T. -0.012 min
Lab File: BF139253.D
Acq: 05 Sep 2024 10:35



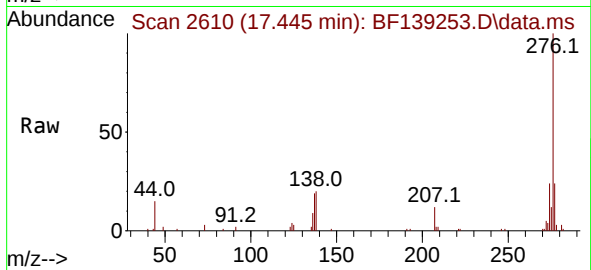
Tgt Ion:278 Resp: 37112
Ion Ratio Lower Upper
278 100
139 14.5 12.6 19.0
279 23.7 18.6 28.0





#92
 Benzo(g,h,i)perylene
 Concen: 3.086 ng
 RT: 17.445 min Scan# 20
 Delta R.T. -0.018 min
 Lab File: BF139253.D
 Acq: 05 Sep 2024 10:35

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



Tgt Ion:	276	Resp:	3770
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.6	27.8
138	20.0	17.4	26.0

Manual Integrations
 APPROVED

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

