

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
 Data File : BF137990.D
 Acq On : 21 May 2024 21:15
 Operator : CG\JU
 Sample : P2538-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POLE-SLEEVE-SOILMSD

Quant Time: May 22 02:58:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
 Supervised By :mohammad ahmed 05/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	142229	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	558501	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	303045	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	443539	20.000	ng	0.00
76) Chrysene-d12	14.233	240	313417	20.000	ng	0.00
86) Perylene-d12	15.792	264	265465	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	863146	103.086	ng	0.00
7) Phenol-d6	6.657	99	1087978	105.482	ng	0.00
23) Nitrobenzene-d5	7.598	82	655965	69.120	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	314286	102.856	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1304389	66.303	ng	0.00
79) Terphenyl-d14	13.163	244	1045518	49.164	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.969	88	142031	39.156	ng	98
3) Pyridine	3.734	79	321354	39.484	ng	98
4) n-Nitrosodimethylamine	3.698	42	171558	47.781	ng	95
6) Aniline	6.704	93	391642m	42.452	ng	
8) 2-Chlorophenol	6.822	128	443640	48.960	ng	98
9) Benzaldehyde	6.587	77	88000	15.770	ng	100
10) Phenol	6.669	94	512708	49.248	ng	97
11) bis(2-Chloroethyl)ether	6.769	93	386922	48.404	ng	97
12) 1,3-Dichlorobenzene	6.975	146	468942	44.729	ng	98
13) 1,4-Dichlorobenzene	7.051	146	478585	45.478	ng	98
14) 1,2-Dichlorobenzene	7.204	146	456660	46.107	ng	100
15) Benzyl Alcohol	7.175	79	364490	52.921	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.298	45	481224	48.975	ng	99
17) 2-Methylphenol	7.275	107	353790	48.958	ng	99
18) Hexachloroethane	7.545	117	160834	45.165	ng	98
19) n-Nitroso-di-n-propyla...	7.445	70	283313	48.891	ng	97
20) 3+4-Methylphenols	7.428	107	463878	49.000	ng	95
22) Acetophenone	7.445	105	594238	47.496	ng	99
24) Nitrobenzene	7.616	77	430073	44.672	ng	97
25) Isophorone	7.851	82	793068	48.150	ng	100
26) 2-Nitrophenol	7.933	139	242665	50.163	ng	97
27) 2,4-Dimethylphenol	7.957	122	326269	52.386	ng	96
28) bis(2-Chloroethoxy)met...	8.057	93	477123	47.796	ng	100
29) 2,4-Dichlorophenol	8.169	162	382715	48.866	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	396095	45.297	ng	99
31) Naphthalene	8.345	128	1306552	46.527	ng	100
32) Benzoic acid	8.075	122	252952	48.046	ng	98
33) 4-Chloroaniline	8.386	127	402052	43.674	ng	99
34) Hexachlorobutadiene	8.451	225	241078	43.556	ng	99
35) Caprolactam	8.763	113	118987m	52.440	ng	
36) 4-Chloro-3-methylphenol	8.863	107	395722	49.669	ng	99
37) 2-Methylnaphthalene	9.033	142	849496	47.062	ng	98
38) 1-Methylnaphthalene	9.133	142	789240	44.475	ng	100
40) 1,2,4,5-Tetrachloroben...	9.198	216	404975	49.155	ng	99
41) Hexachlorocyclopentadiene	9.186	237	278913	89.096	ng	97
43) 2,4,6-Trichlorophenol	9.310	196	275297	50.964	ng	99

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Instrument :
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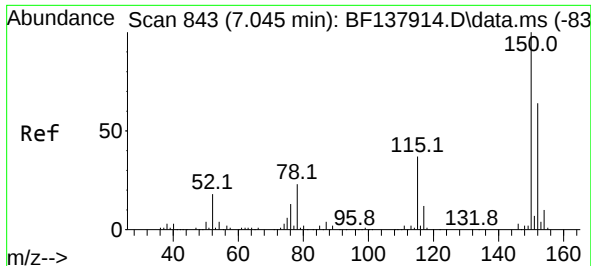
Quant Time: May 22 02:58:14 2024
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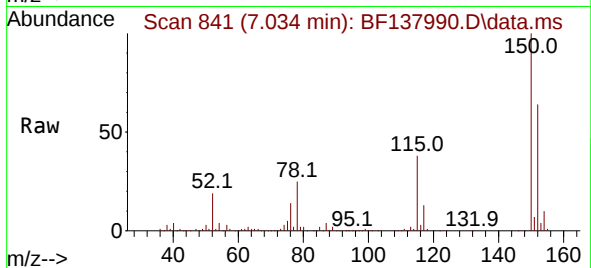
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	295616	50.015	ng	96
46) 1,1'-Biphenyl	9.498	154	1037039	48.790	ng	100
47) 2-Chloronaphthalene	9.527	162	800957	47.206	ng	98
48) 2-Nitroaniline	9.622	65	224692	51.714	ng	97
49) Acenaphthylene	9.945	152	1268057	51.976	ng	98
50) Dimethylphthalate	9.798	163	960050	50.520	ng	100
51) 2,6-Dinitrotoluene	9.863	165	212037	48.615	ng	96
52) Acenaphthene	10.122	154	855591	53.060	ng	100
53) 3-Nitroaniline	10.033	138	203762	47.788	ng	99
54) 2,4-Dinitrophenol	10.139	184	152680	66.121	ng #	78
55) Dibenzofuran	10.292	168	1156567	49.284	ng	99
56) 4-Nitrophenol	10.186	139	300108	97.997	ng	96
57) 2,4-Dinitrotoluene	10.269	165	278150	49.331	ng	95
58) Fluorene	10.633	166	930993	50.157	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.404	232	226415m	48.762	ng	
60) Diethylphthalate	10.498	149	886269	49.937	ng	100
61) 4-Chlorophenyl-phenyle...	10.622	204	431621	47.153	ng	98
62) 4-Nitroaniline	10.651	138	193493	47.845	ng	97
63) Azobenzene	10.786	77	781213	48.392	ng	96
65) 4,6-Dinitro-2-methylph...	10.674	198	113819	44.443	ng	94
66) n-Nitrosodiphenylamine	10.739	169	762340	56.046	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	259329	53.333	ng	98
68) Hexachlorobenzene	11.180	284	261861	48.719	ng #	91
69) Atrazine	11.269	200	231516	62.332	ng	99
70) Pentachlorophenol	11.374	266	301733	95.836	ng	98
71) Phenanthrene	11.610	178	1681114	76.914	ng	99
72) Anthracene	11.657	178	1252758	57.767	ng	99
73) Carbazole	11.810	167	959218	48.420	ng	100
74) Di-n-butylphthalate	12.127	149	1335873	60.762	ng	100
75) Fluoranthene	12.804	202	1765380	79.574	ng	99
77) Benzidine	12.916	184	169574	41.400	ng	99
78) Pyrene	13.033	202	1773134	64.683	ng	100
80) Butylbenzylphthalate	13.645	149	1895617	229.259	ng	99
81) Benzo(a)anthracene	14.221	228	1391652	70.184	ng	97
82) 3,3'-Dichlorobenzidine	14.180	252	330961	60.228	ng	98
83) Chrysene	14.262	228	1269015	66.918	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	586126	56.391	ng	99
85) Di-n-octyl phthalate	14.815	149	1034452	73.670	ng	99
87) Indeno(1,2,3-cd)pyrene	17.415	276	671506	39.372	ng	98
88) Benzo(b)fluoranthene	15.327	252	1263896	82.228	ng	99
89) Benzo(k)fluoranthene	15.362	252	954251	63.195	ng	99
90) Benzo(a)pyrene	15.727	252	932270	71.030	ng	97
91) Dibenzo(a,h)anthracene	17.439	278	479293	34.013	ng	99
92) Benzo(g,h,i)perylene	17.915	276	532835	35.995	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

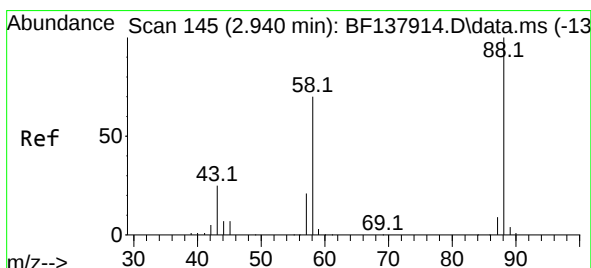
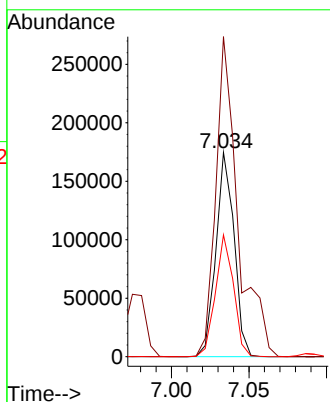
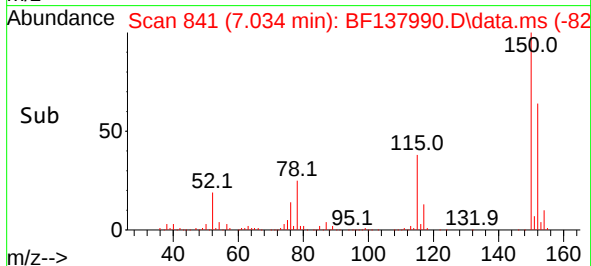
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



Tgt Ion:152 Resp: 142229
Ion Ratio Lower Upper
152 100
150 156.6 125.7 188.5
115 59.6 47.0 70.6

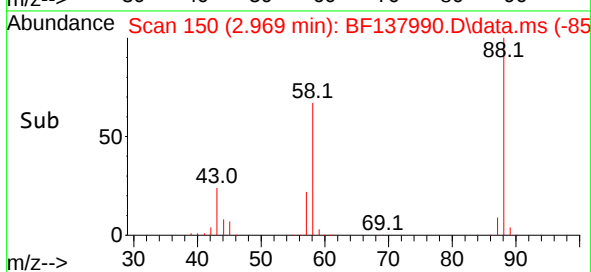
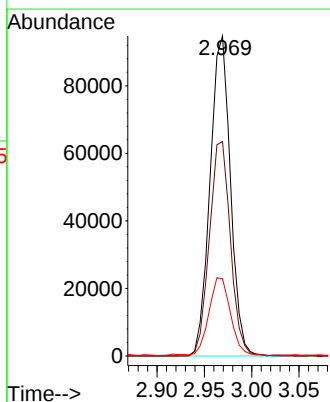
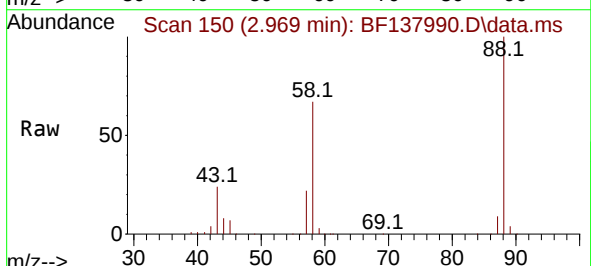
Manual Integrations
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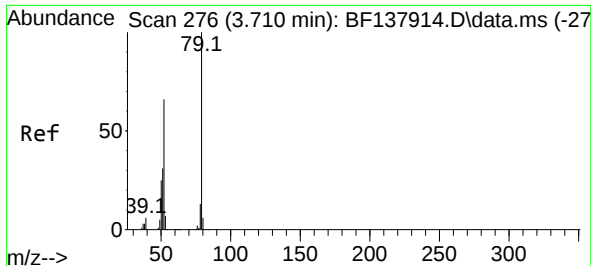
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#2
1,4-Dioxane
Concen: 39.156 ng
RT: 2.969 min Scan# 150
Delta R.T. 0.029 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

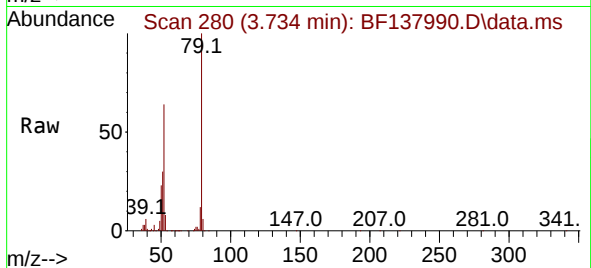
Tgt Ion: 88 Resp: 142031
Ion Ratio Lower Upper
88 100
58 69.1 54.4 81.6
43 25.4 19.6 29.4





#3
Pyridine
Concen: 39.484 ng
RT: 3.734 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

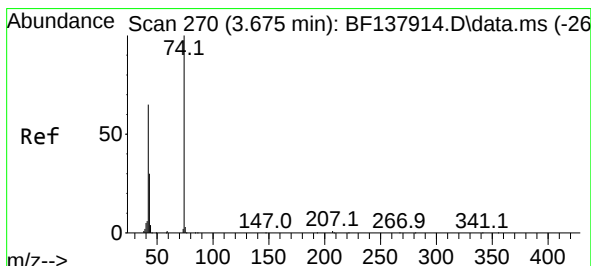
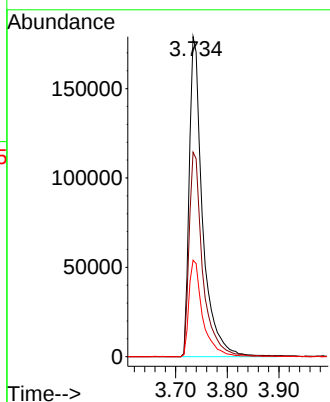
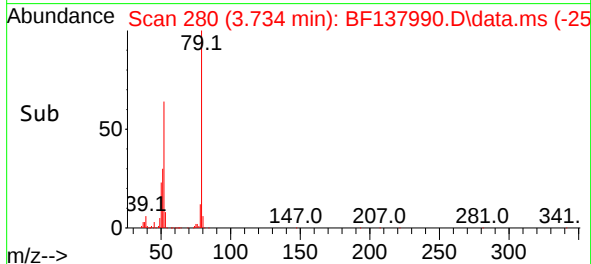
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



Tgt Ion: 79 Resp: 321354
Ion Ratio Lower Upper
79 100
52 63.9 52.5 78.7
51 30.1 25.1 37.7

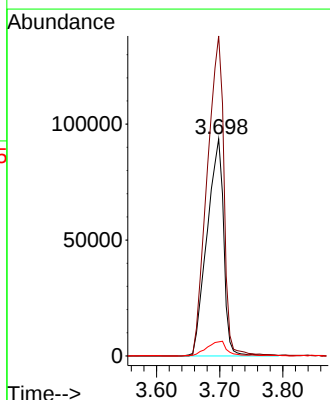
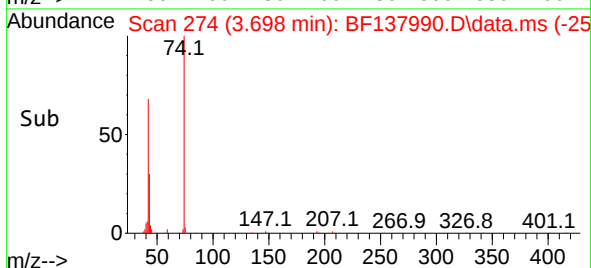
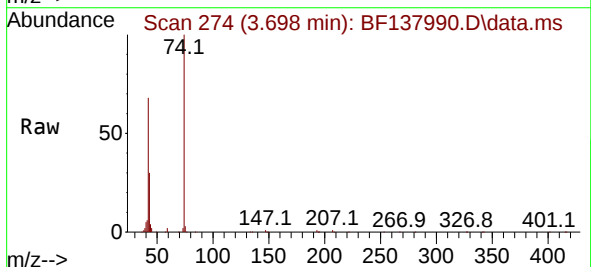
Manual Integrations
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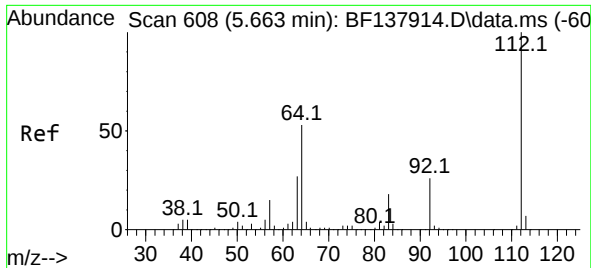
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#4
n-Nitrosodimethylamine
Concen: 47.781 ng
RT: 3.698 min Scan# 274
Delta R.T. 0.023 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

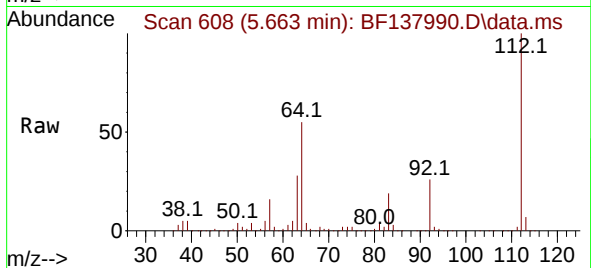
Tgt Ion: 42 Resp: 171558
Ion Ratio Lower Upper
42 100
74 147.4 123.1 184.7
44 6.5 5.0 7.6





#5
2-Fluorophenol
Concen: 103.086 ng
RT: 5.663 min Scan# 608
Delta R.T. -0.000 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

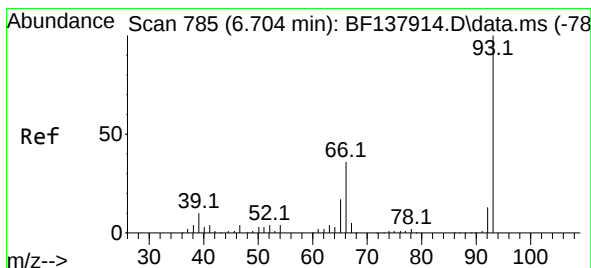
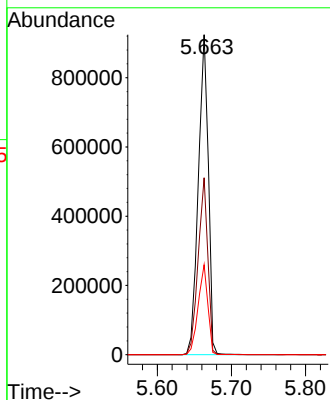
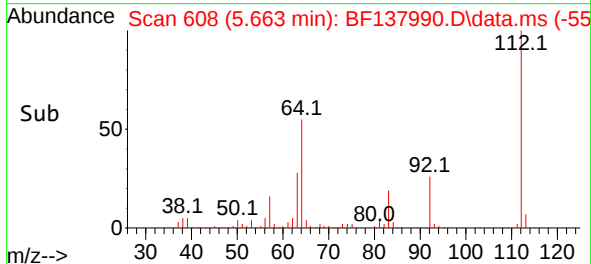
Instrument :
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ClientSampleId :
POLE-SLEEVE-SOILMSD



Tgt Ion:112 Resp: 863140
Ion Ratio Lower Upper
112 100
64 55.3 42.4 63.6
63 28.1 21.4 32.2

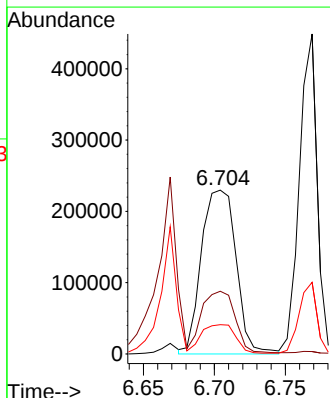
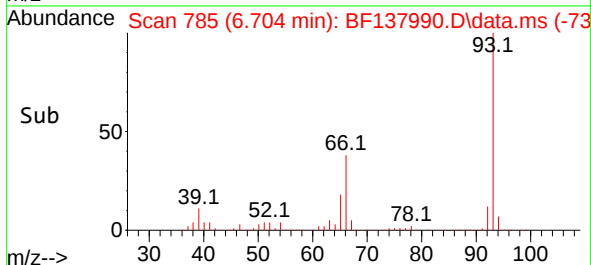
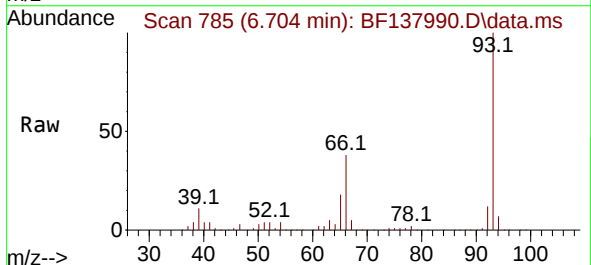
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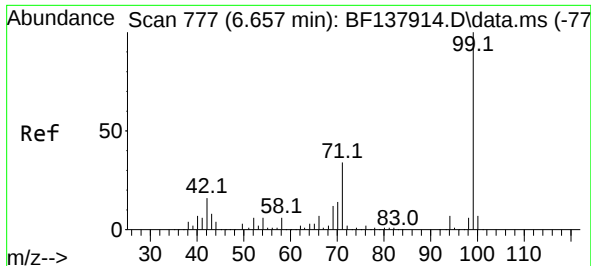
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#6
Aniline
Concen: 42.452 ng m
RT: 6.704 min Scan# 785
Delta R.T. -0.000 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

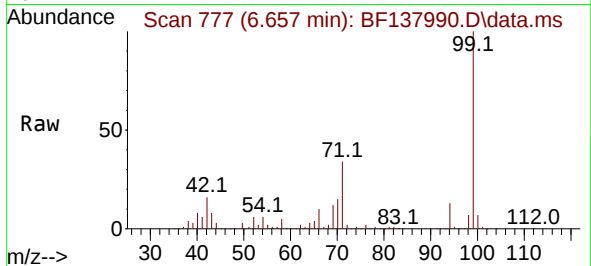
Tgt Ion: 93 Resp: 391642
Ion Ratio Lower Upper
93 100
66 38.3 30.7 46.1
65 17.8 15.0 22.4





#7
Phenol-d6
Concen: 105.482 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

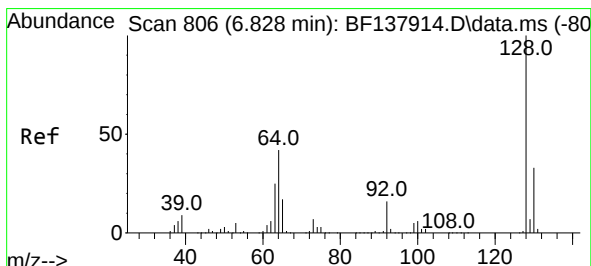
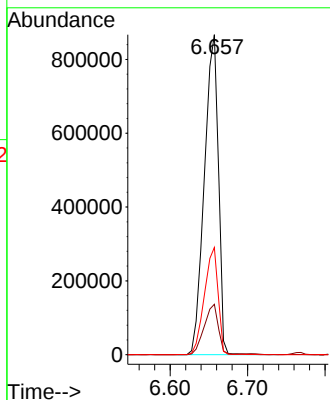
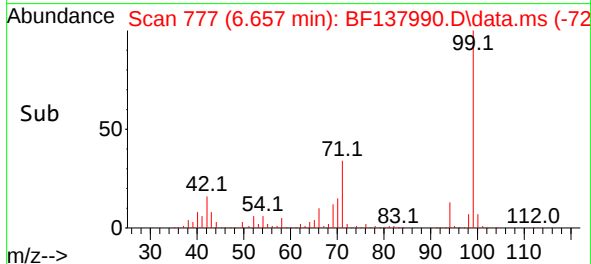
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



Tgt Ion: 99 Resp: 1087978
Ion Ratio Lower Upper
99 100
42 15.7 12.6 18.8
71 33.5 27.1 40.7

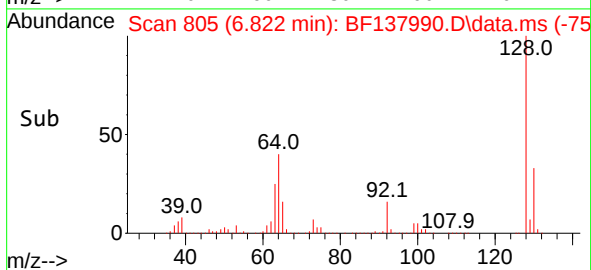
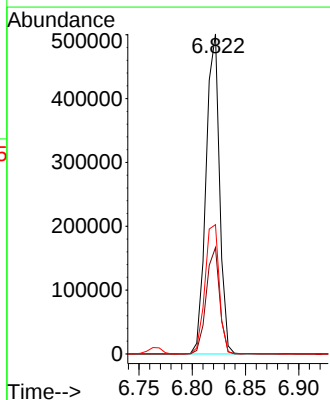
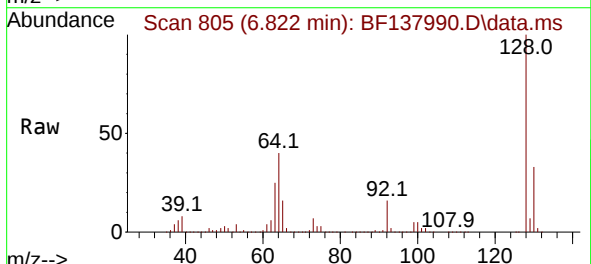
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Supervised By :mohammad ahmed 05/24/2024



#8
2-Chlorophenol
Concen: 48.960 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

Tgt Ion:128 Resp: 443640
Ion Ratio Lower Upper
128 100
130 33.3 12.8 52.8
64 40.4 22.2 62.2





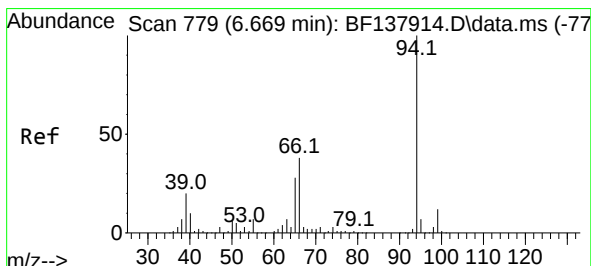
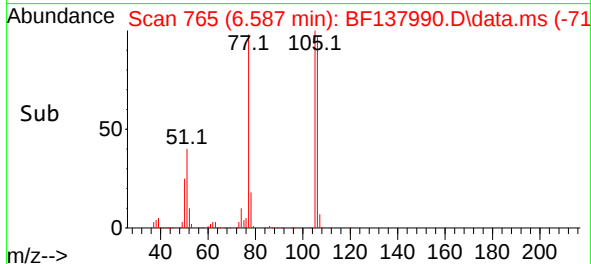
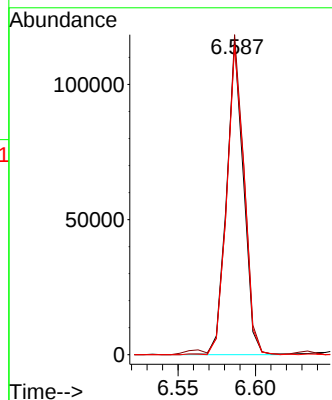
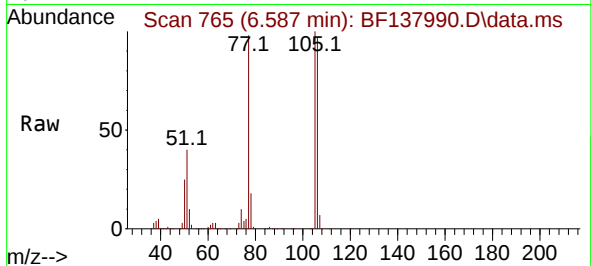
#9
Benzaldehyde
Concen: 15.770 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.011 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD

Tgt Ion: 77 Resp: 88000
Ion Ratio Lower Upper
77 100
105 102.4 82.3 122.3
106 99.0 79.2 119.2

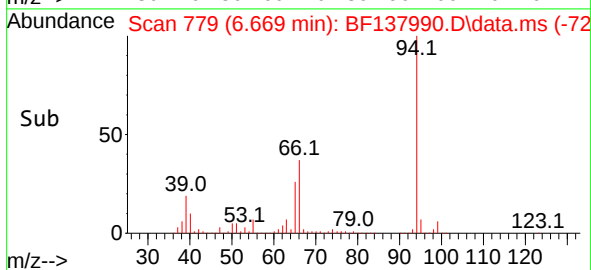
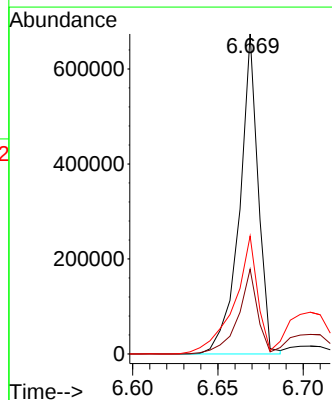
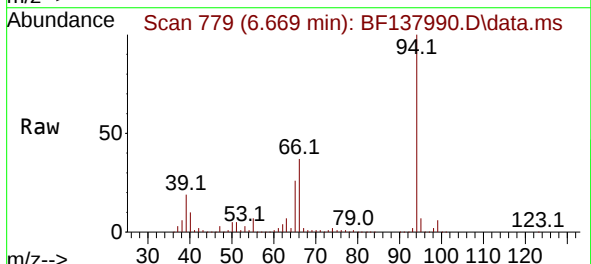
Manual Integrations
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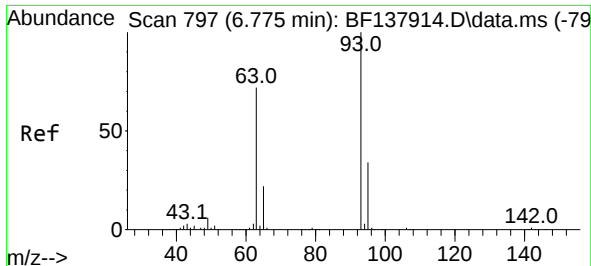
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#10
Phenol
Concen: 49.248 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

Tgt Ion: 94 Resp: 512708
Ion Ratio Lower Upper
94 100
65 26.5 7.8 47.8
66 36.8 18.6 58.6





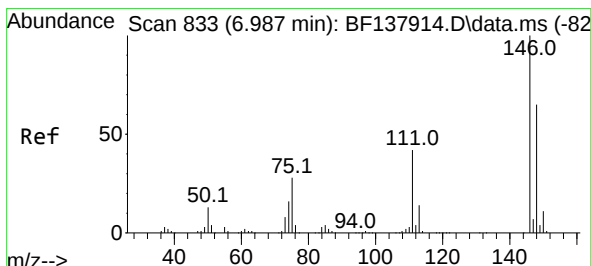
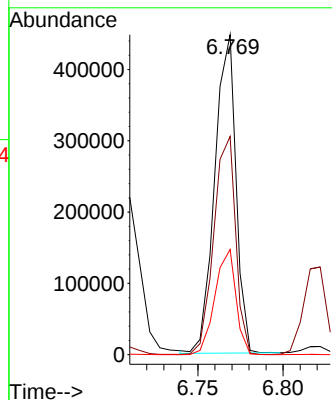
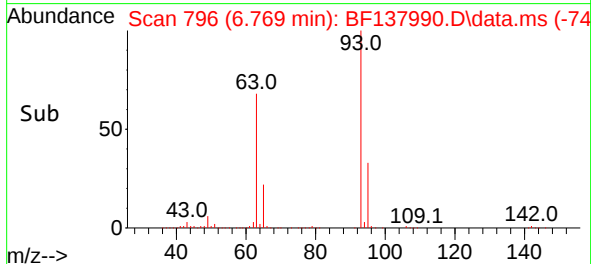
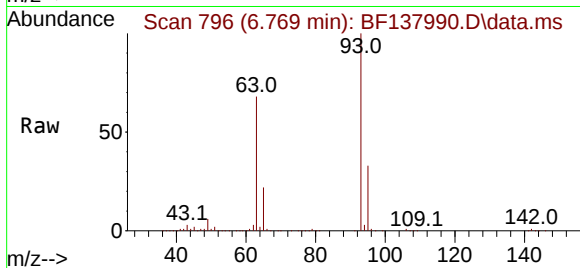
#11
bis(2-Chloroethyl)ether
Concen: 48.404 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD

Tgt Ion: 93 Resp: 38692
Ion Ratio Lower Upper
93 100
63 68.2 51.4 91.4
95 32.9 13.5 53.5

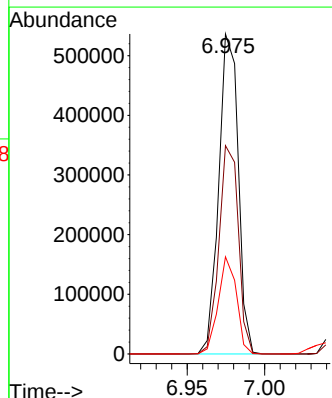
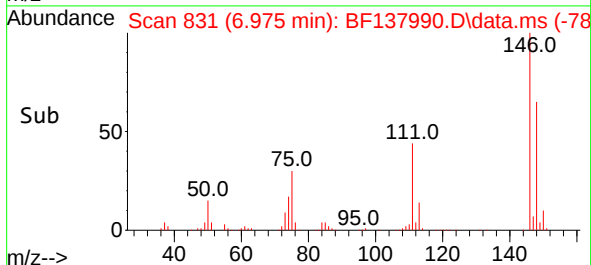
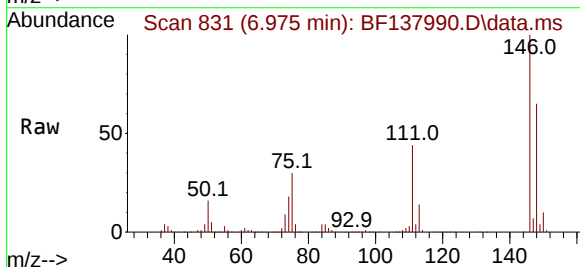
Manual Integrations
APPROVED

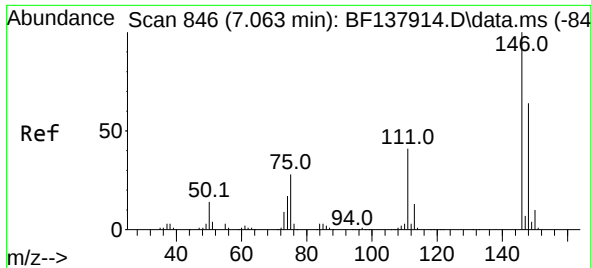
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#12
1,3-Dichlorobenzene
Concen: 44.729 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.012 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

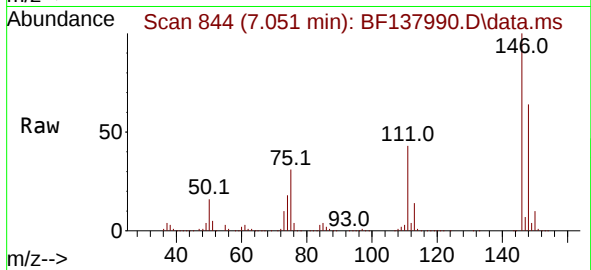
Tgt Ion:146 Resp: 468942
Ion Ratio Lower Upper
146 100
148 65.1 51.7 77.5
75 30.3 22.4 33.6





#13
1,4-Dichlorobenzene
Concen: 45.478 ng
RT: 7.051 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

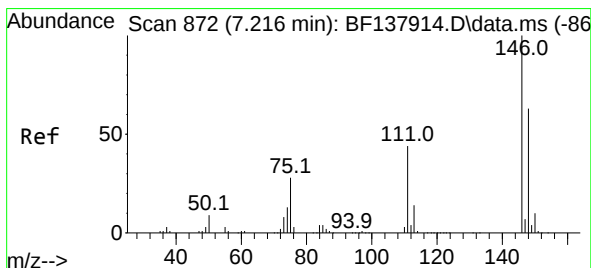
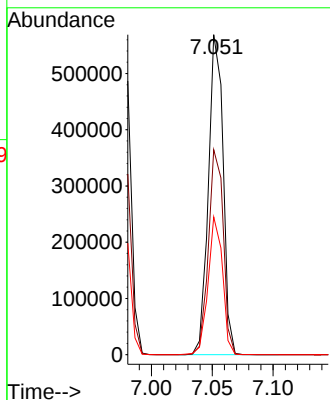
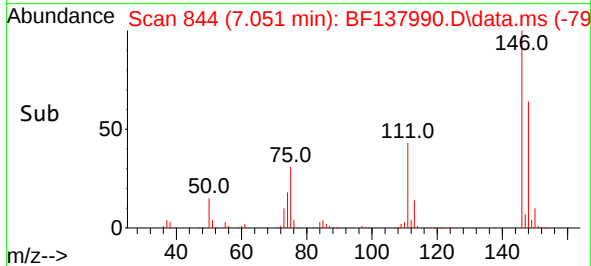
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



Tgt Ion:146 Resp: 47858
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.6
111 43.0 32.5 48.7

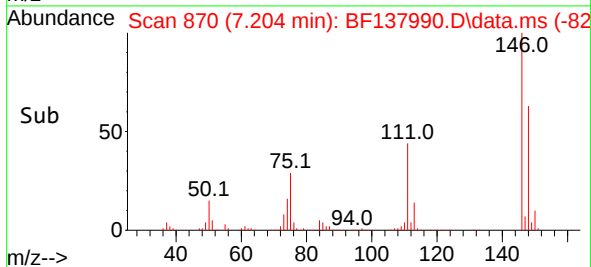
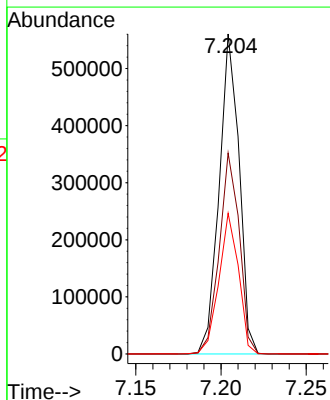
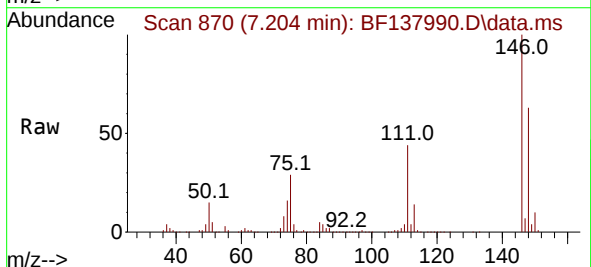
Manual Integrations
APPROVED

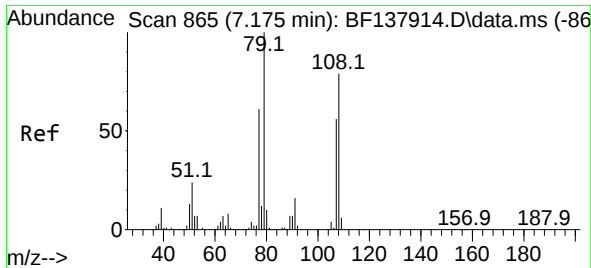
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#14
1,2-Dichlorobenzene
Concen: 46.107 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

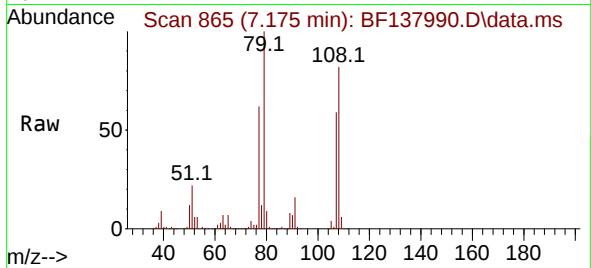
Tgt Ion:146 Resp: 456660
Ion Ratio Lower Upper
146 100
148 62.8 50.2 75.4
111 44.0 35.1 52.7





#15
Benzyl Alcohol
Concen: 52.921 ng
RT: 7.175 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

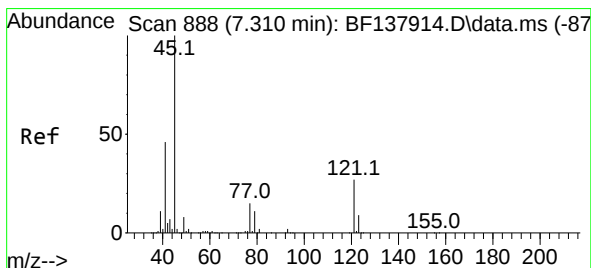
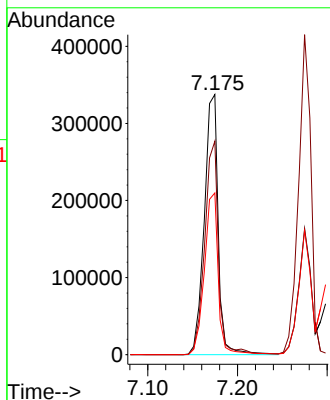
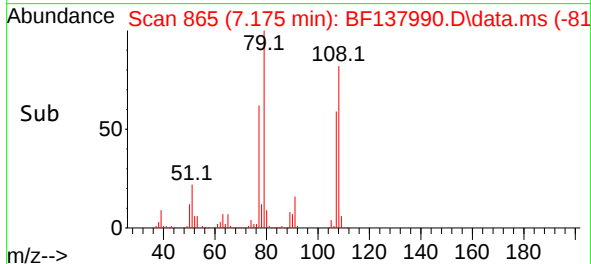
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



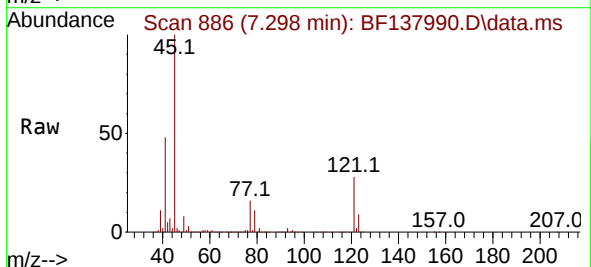
Tgt Ion: 79 Resp: 364490
Ion Ratio Lower Upper
79 100
108 82.0 62.8 94.2
77 62.2 48.7 73.1

Manual Integrations
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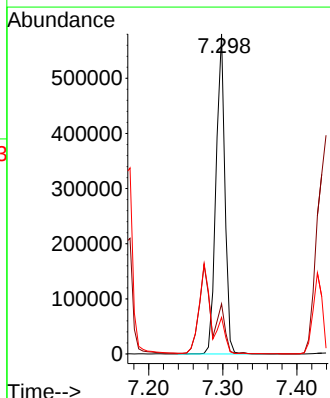
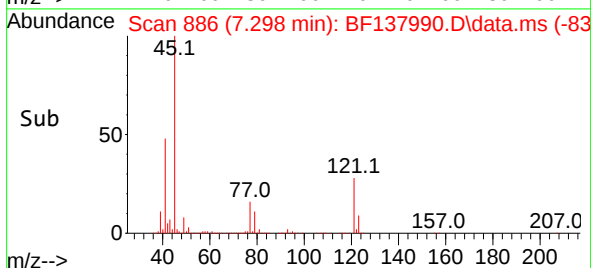
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

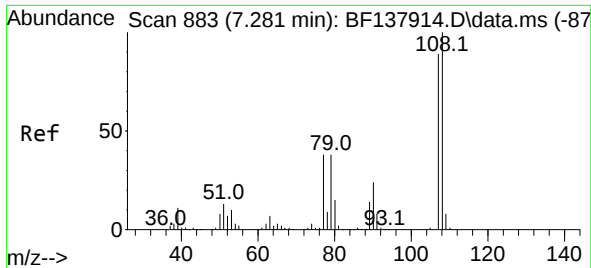


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.975 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15



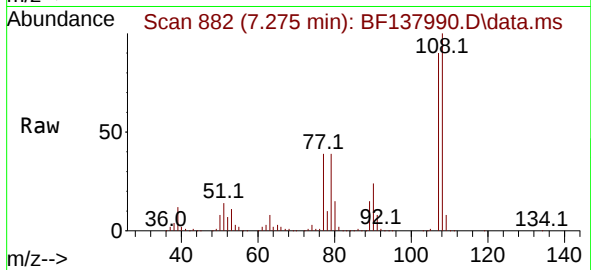
Tgt Ion: 45 Resp: 481224
Ion Ratio Lower Upper
45 100
77 15.7 0.0 35.3
79 11.4 0.0 32.1





#17
2-Methylphenol
Concen: 48.958 ng
RT: 7.275 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

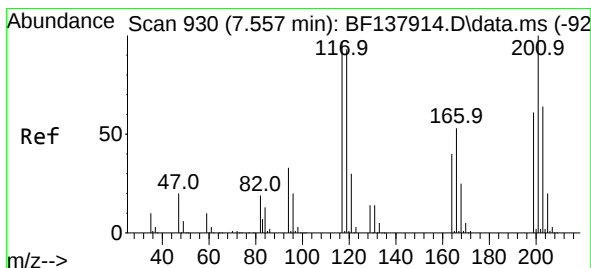
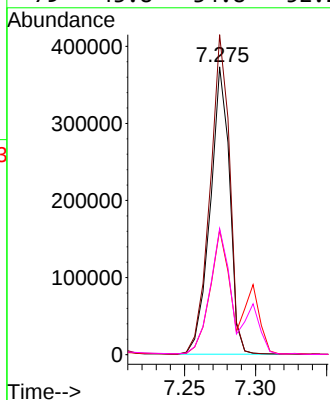
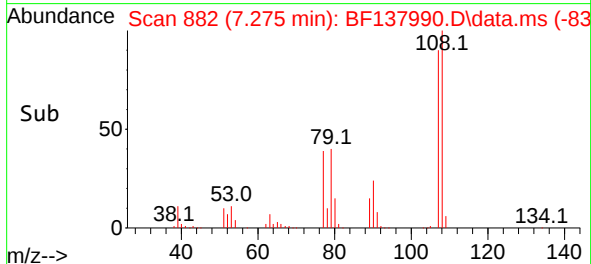
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



Tgt Ion:107 Resp: 353790
Ion Ratio Lower Upper
107 100
108 111.2 90.1 135.1
77 43.3 34.3 51.5
79 43.8 34.8 52.2

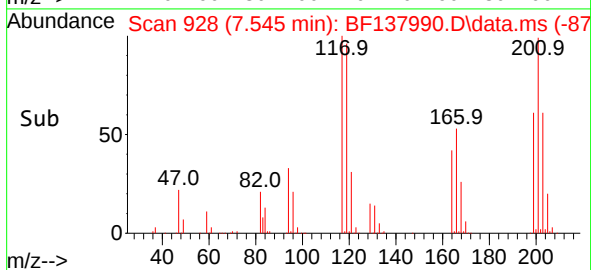
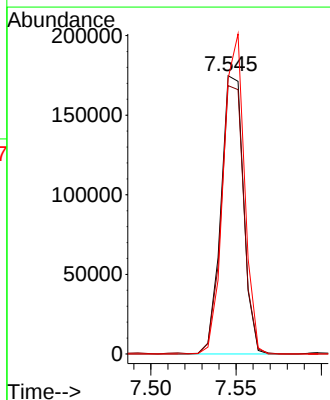
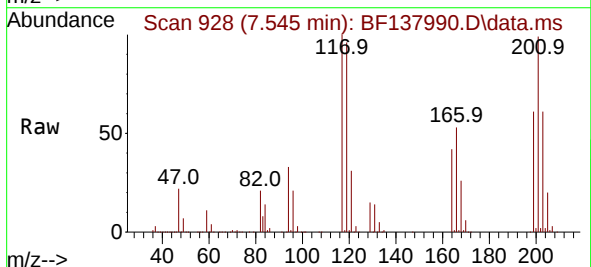
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#18
Hexachloroethane
Concen: 45.165 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

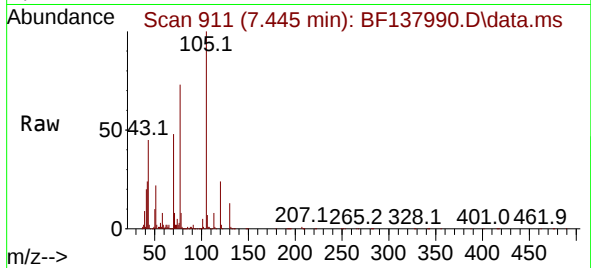
Tgt Ion:117 Resp: 160834
Ion Ratio Lower Upper
117 100
119 96.4 76.8 115.2
201 99.0 82.7 124.1





#19
n-Nitroso-di-n-propylamine
Concen: 48.891 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

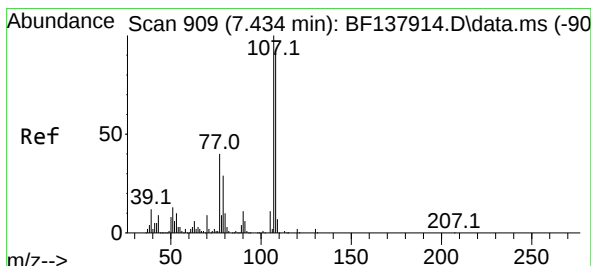
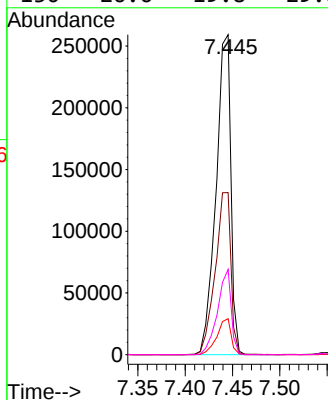
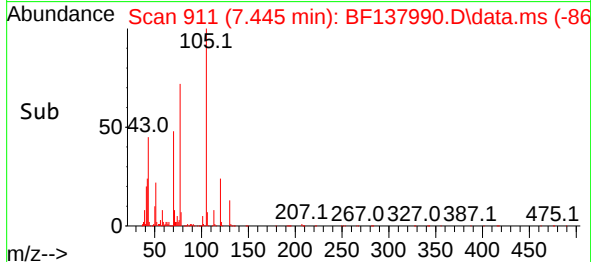
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



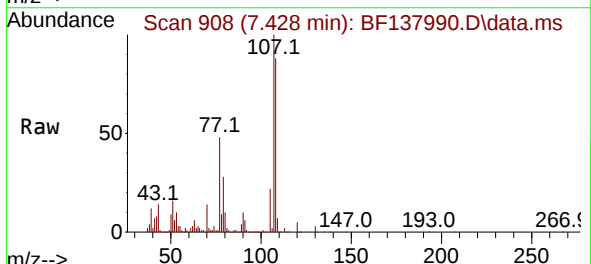
Tgt Ion: 70 Resp: 28331
Ion Ratio Lower Upper
70 100
42 50.6 42.2 63.4
101 11.3 8.8 13.2
130 26.6 19.8 29.8

Manual Integrations
APPROVED

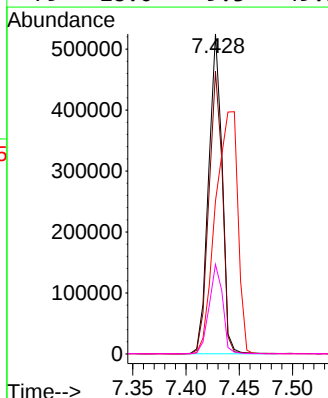
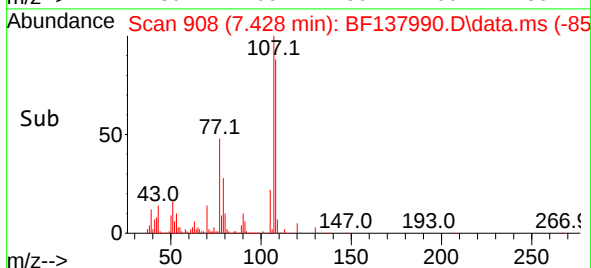
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

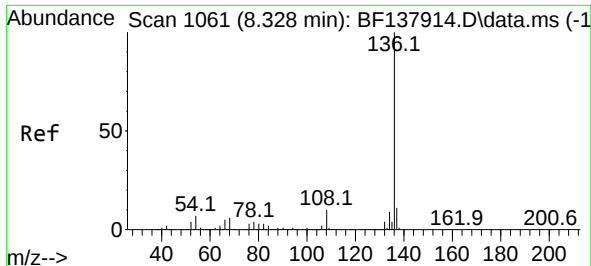


#20
3+4-Methylphenols
Concen: 49.000 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15



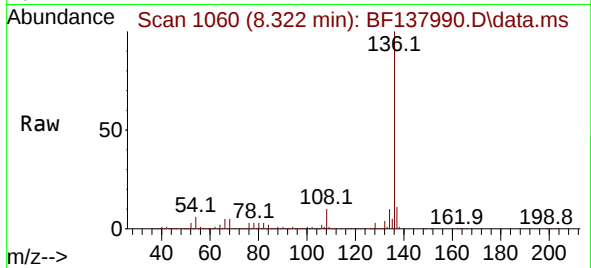
Tgt Ion:107 Resp: 463878
Ion Ratio Lower Upper
107 100
108 88.3 70.8 110.8
77 47.8 20.2 60.2
79 28.0 9.3 49.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

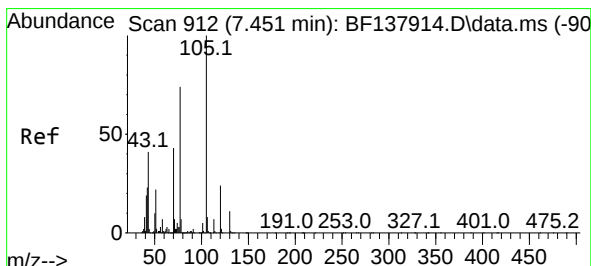
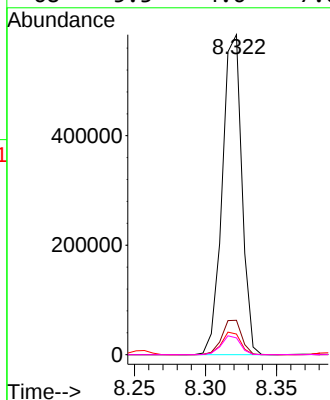
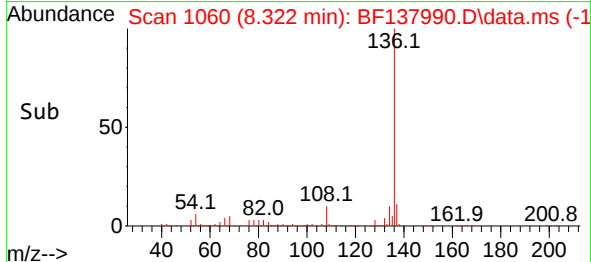
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



Tgt Ion:136 Resp: 55850
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 6.4 5.4 8.2
68 5.3 4.6 7.0

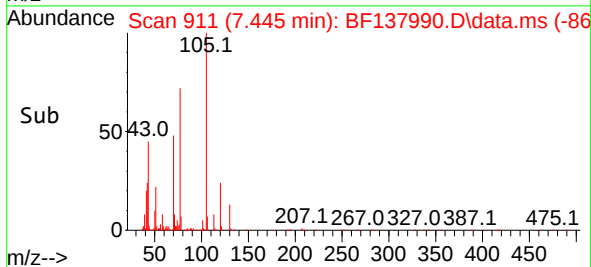
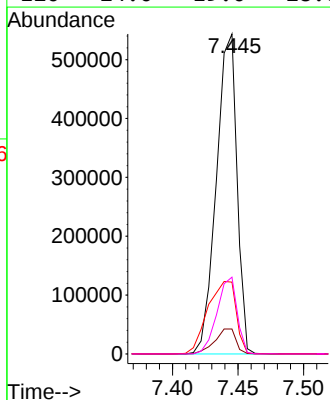
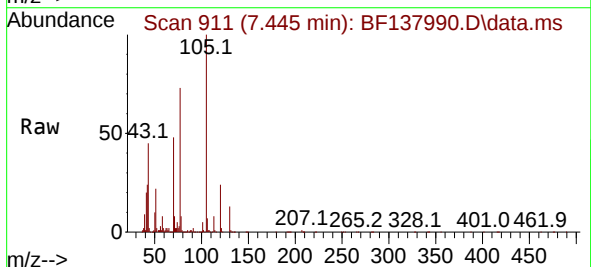
Manual Integrations
APPROVED

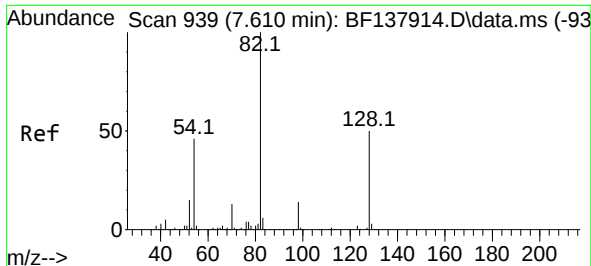
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#22
Acetophenone
Concen: 47.496 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

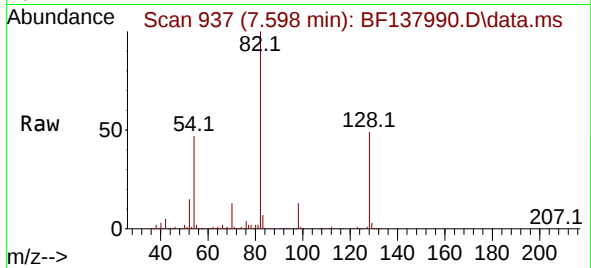
Tgt Ion:105 Resp: 594238
Ion Ratio Lower Upper
105 100
71 7.8 5.7 8.5
51 22.4 17.8 26.8
120 24.0 19.0 28.6





#23
Nitrobenzene-d5
Concen: 69.120 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

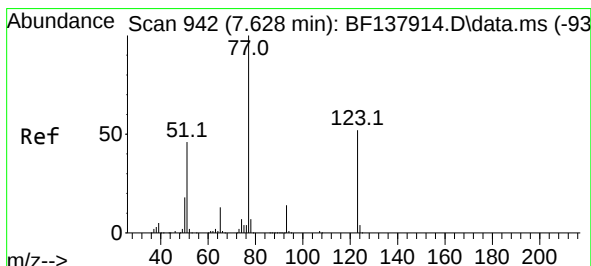
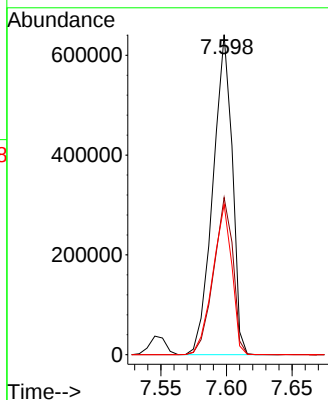
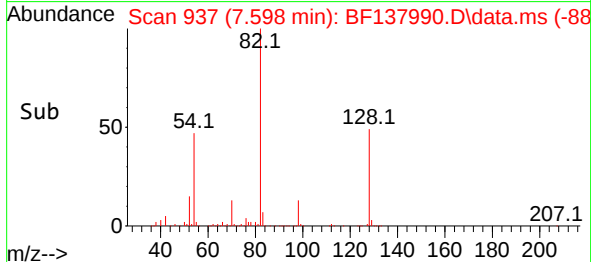
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



Tgt Ion: 82 Resp: 65596
Ion Ratio Lower Upper
82 100
128 49.1 40.3 60.5
54 47.0 36.8 55.2

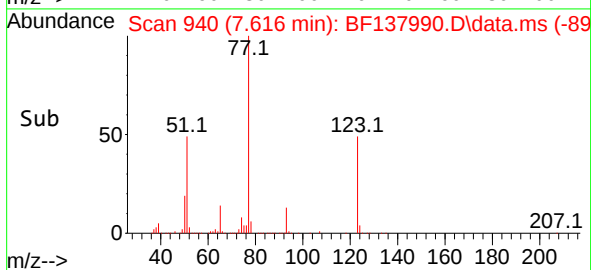
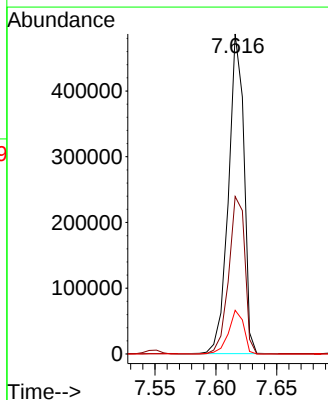
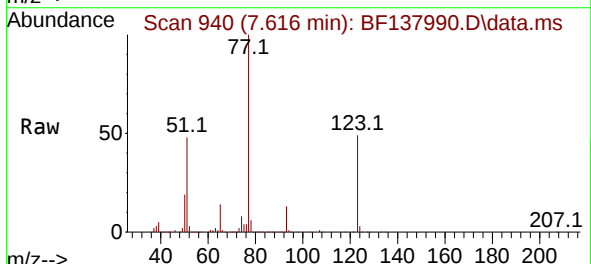
Manual Integrations
APPROVED

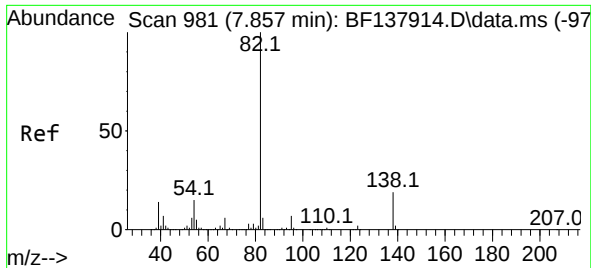
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#24
Nitrobenzene
Concen: 44.672 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

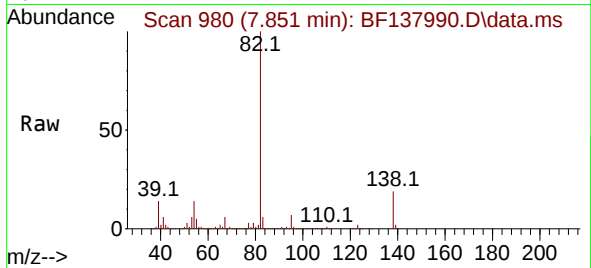
Tgt Ion: 77 Resp: 430073
Ion Ratio Lower Upper
77 100
123 49.2 41.4 62.2
65 13.7 10.5 15.7





#25
Isophorone
Concen: 48.150 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

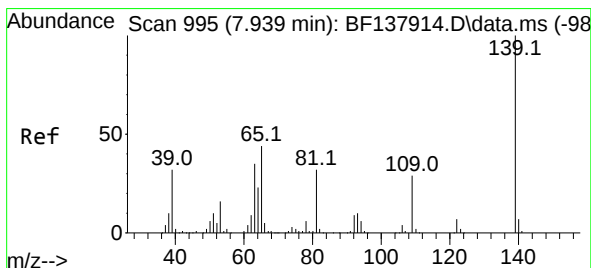
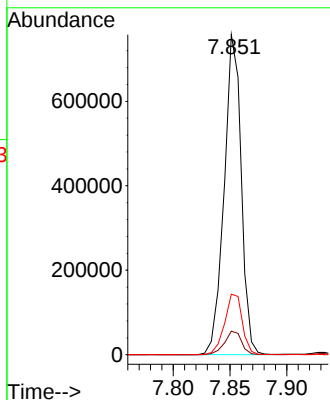
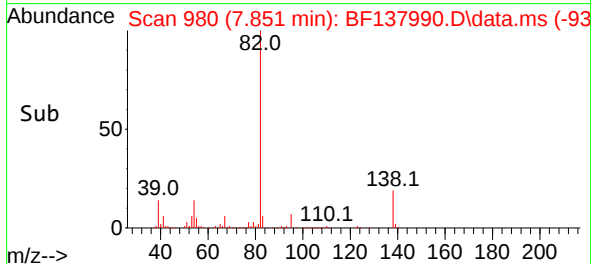
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



Tgt Ion: 82 Resp: 79306
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 18.9 15.0 22.4

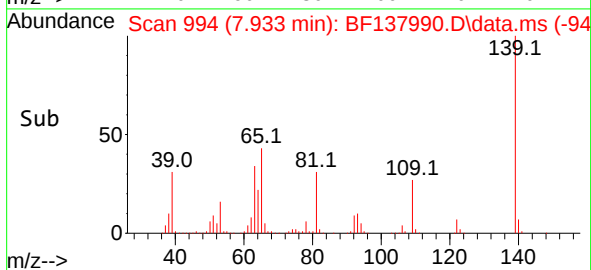
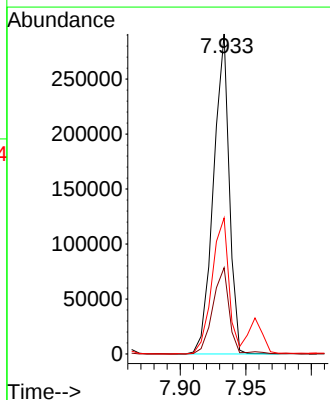
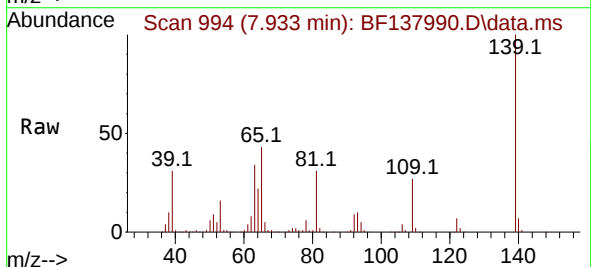
Manual Integrations
APPROVED

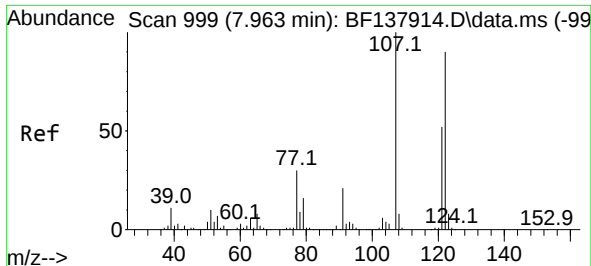
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#26
2-Nitrophenol
Concen: 50.163 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

Tgt Ion:139 Resp: 242665
Ion Ratio Lower Upper
139 100
109 26.9 22.8 34.2
65 42.5 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 52.386 ng

RT: 7.957 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF137990.D

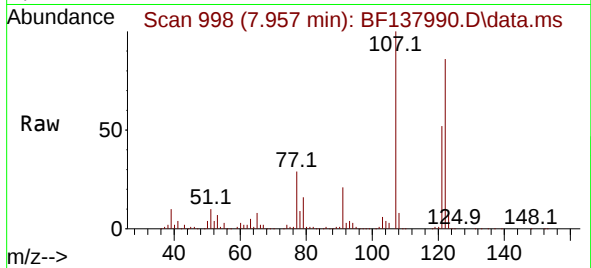
Acq: 21 May 2024 21:15

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMSD



Tgt Ion:122 Resp: 326269

Ion Ratio Lower Upper

122 100

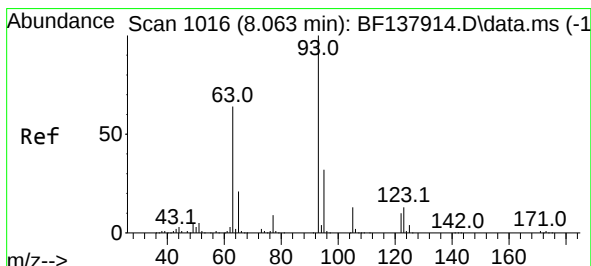
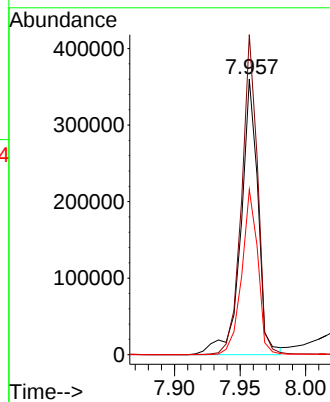
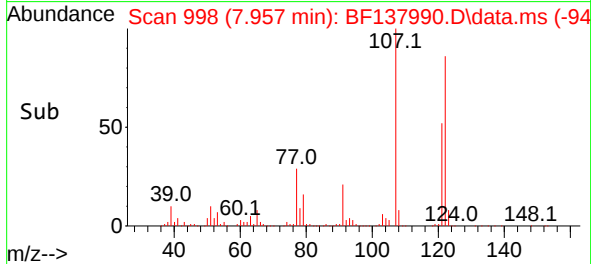
107 116.1 89.0 133.4

121 59.9 46.2 69.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#28

bis(2-Chloroethoxy)methane

Concen: 47.796 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF137990.D

Acq: 21 May 2024 21:15

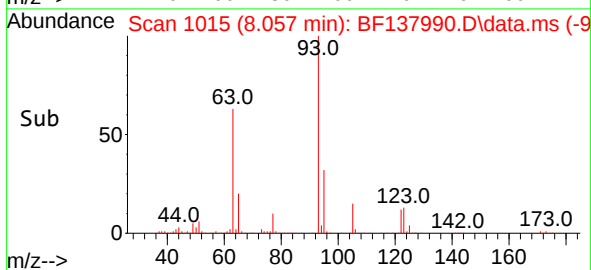
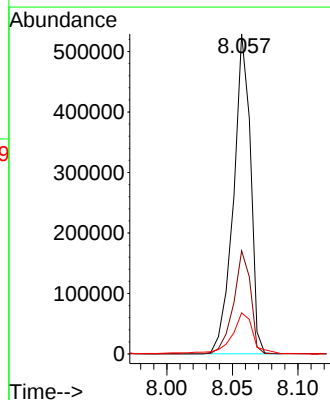
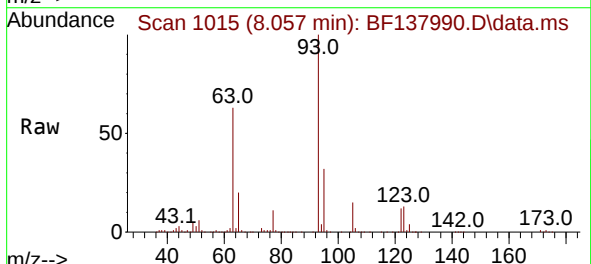
Tgt Ion: 93 Resp: 477123

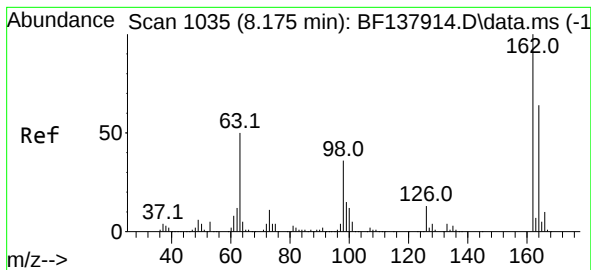
Ion Ratio Lower Upper

93 100

95 32.2 25.9 38.9

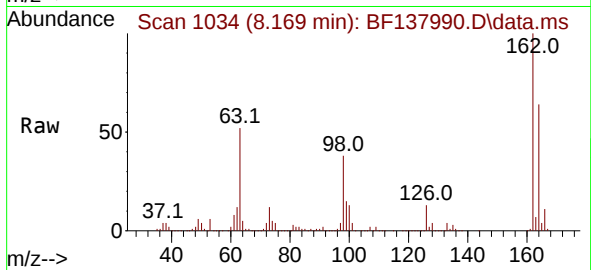
123 12.9 10.4 15.6





#29
2,4-Dichlorophenol
Concen: 48.866 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

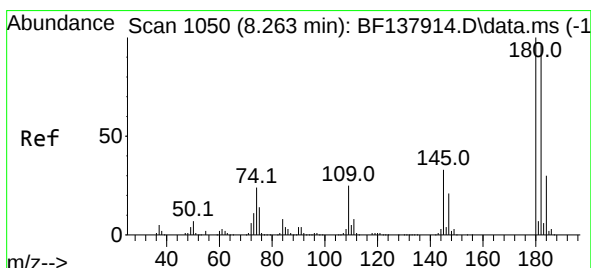
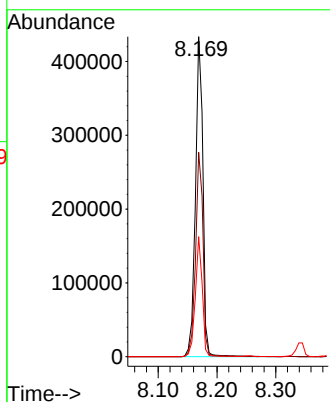
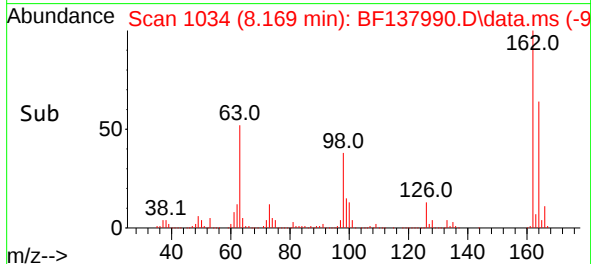
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



Tgt Ion:162 Resp: 382715
Ion Ratio Lower Upper
162 100
164 63.9 44.3 84.3
98 37.5 15.8 55.8

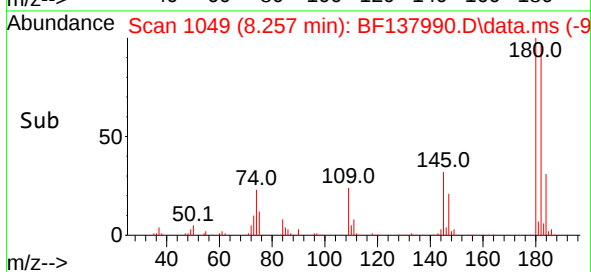
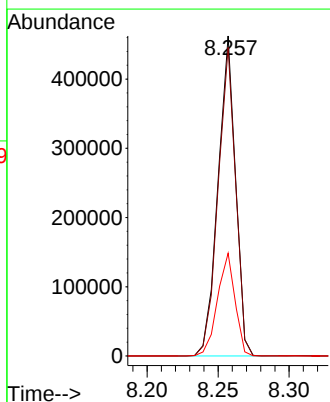
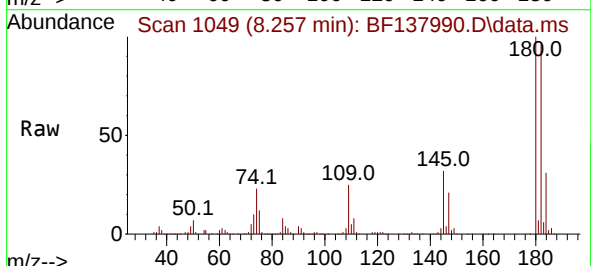
Manual Integrations
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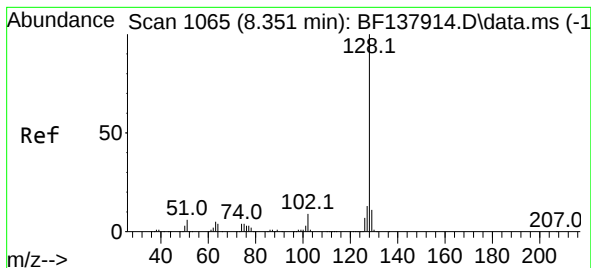
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#30
1,2,4-Trichlorobenzene
Concen: 45.297 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

Tgt Ion:180 Resp: 396095
Ion Ratio Lower Upper
180 100
182 96.4 76.5 114.7
145 32.1 26.2 39.2





#31

Naphthalene

Concen: 46.527 ng

RT: 8.345 min Scan# 1065

Delta R.T. -0.006 min

Lab File: BF137990.D

Acq: 21 May 2024 21:15

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMSD

Tgt Ion:128 Resp: 130655

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

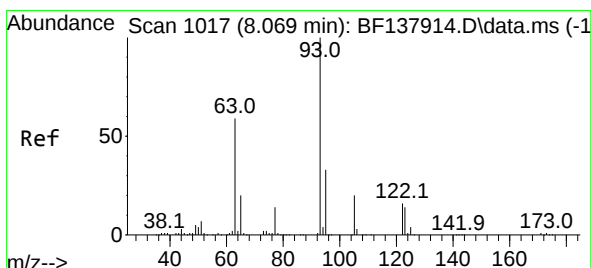
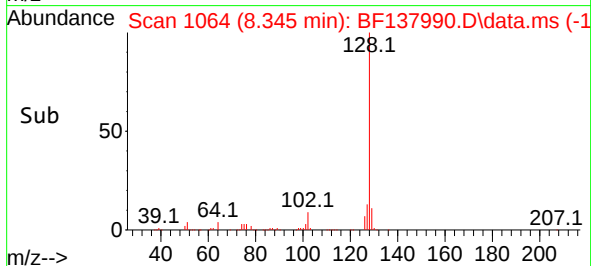
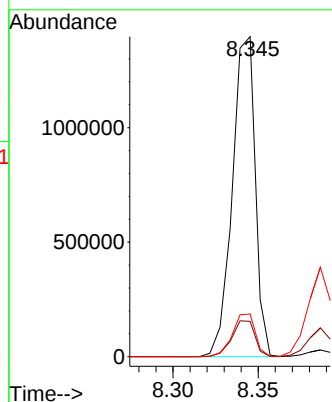
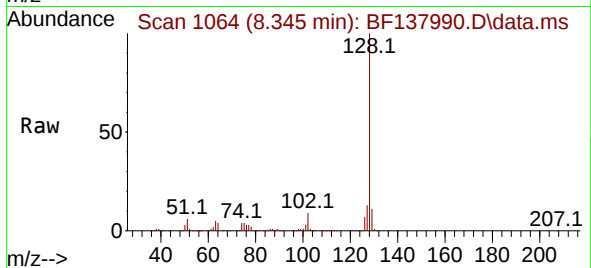
127 13.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024

Supervised By :mohammad ahmed 05/24/2024



#32

Benzoic acid

Concen: 48.046 ng

RT: 8.075 min Scan# 1018

Delta R.T. 0.006 min

Lab File: BF137990.D

Acq: 21 May 2024 21:15

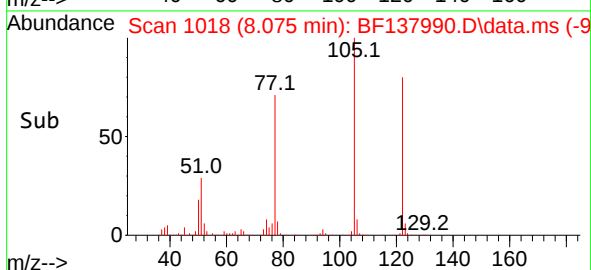
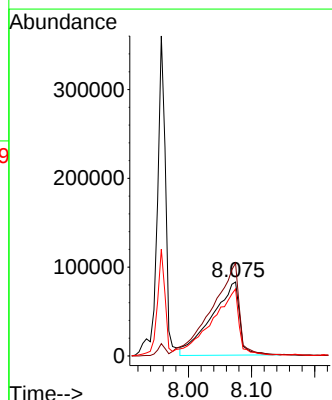
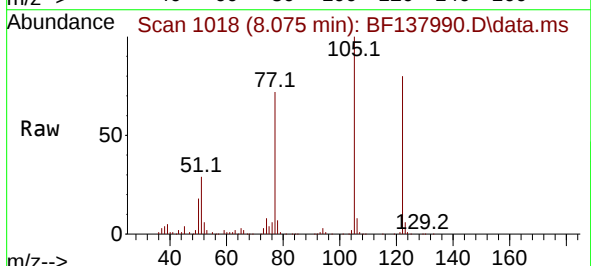
Tgt Ion:122 Resp: 252952

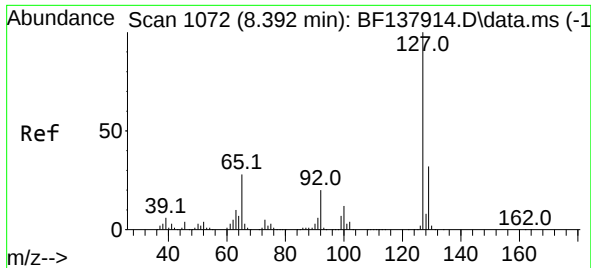
Ion Ratio Lower Upper

122 100

105 125.5 103.8 143.8

77 90.7 68.4 108.4





#33

4-Chloroaniline

Concen: 43.674 ng

RT: 8.386 min Scan# 1071

Delta R.T. -0.006 min

Lab File: BF137990.D

Acq: 21 May 2024 21:15

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMSD

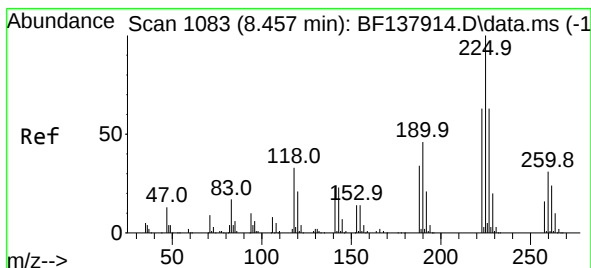
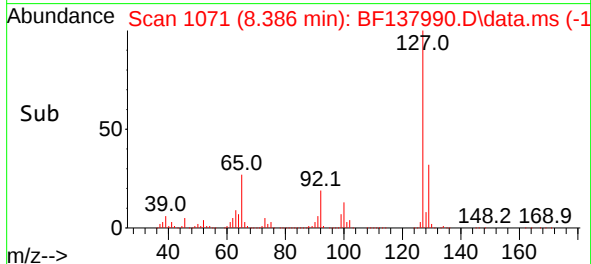
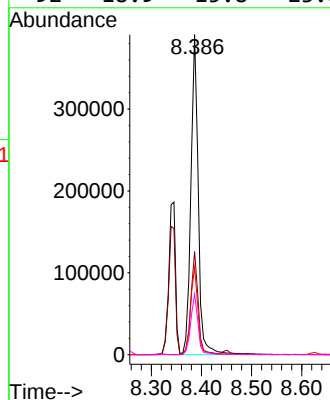
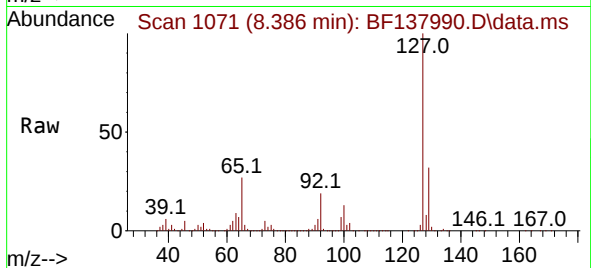
Tgt Ion:127 Resp: 402052

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	27.3	22.0	33.0
92	18.9	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#34

Hexachlorobutadiene

Concen: 43.556 ng

RT: 8.451 min Scan# 1082

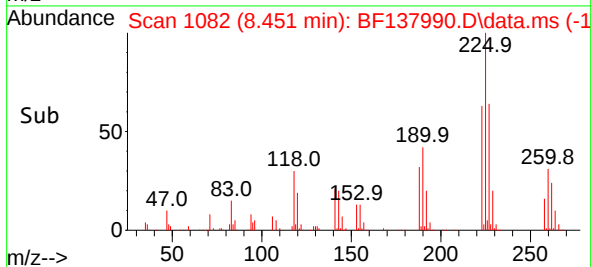
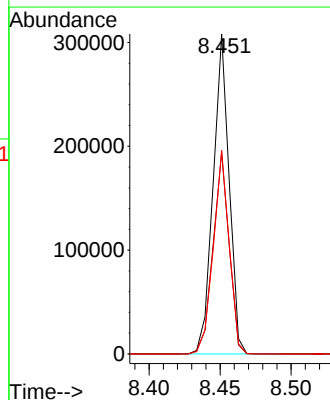
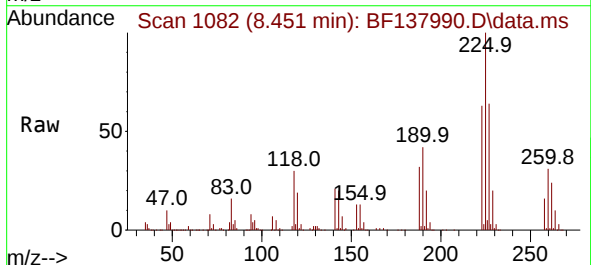
Delta R.T. -0.006 min

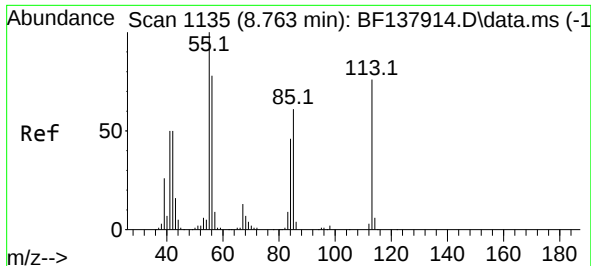
Lab File: BF137990.D

Acq: 21 May 2024 21:15

Tgt Ion:225 Resp: 241078

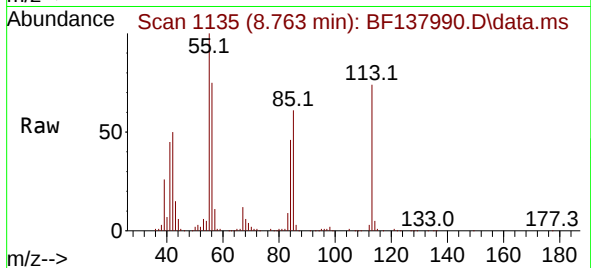
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.0	75.0
227	63.7	50.2	75.4





#35
Caprolactam
Concen: 52.440 ng m
RT: 8.763 min Scan# 1135
Delta R.T. -0.000 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

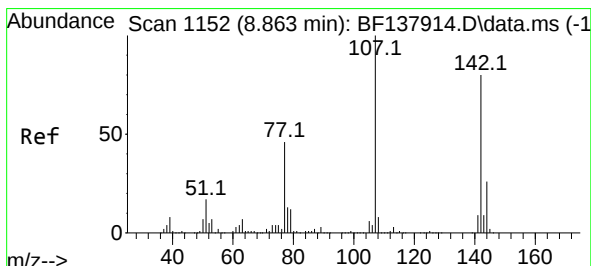
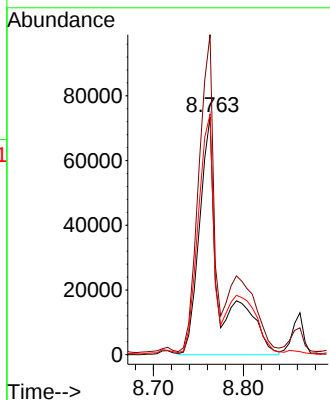
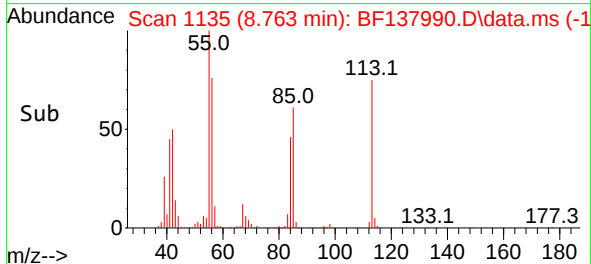
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



Tgt Ion:113 Resp: 11898
Ion Ratio Lower Upper
113 100
55 134.7 112.3 152.3
56 101.2 82.7 122.7

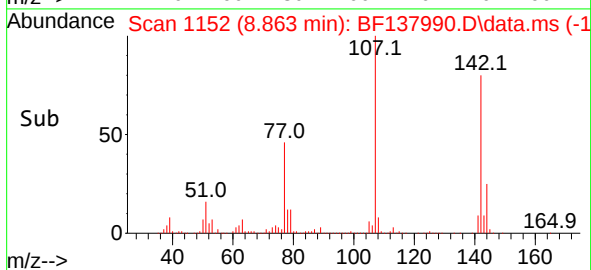
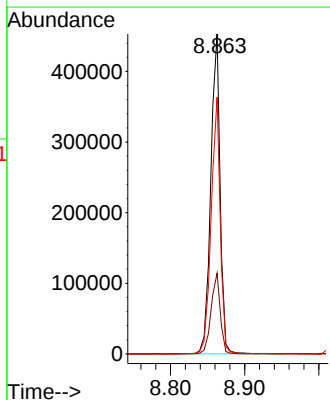
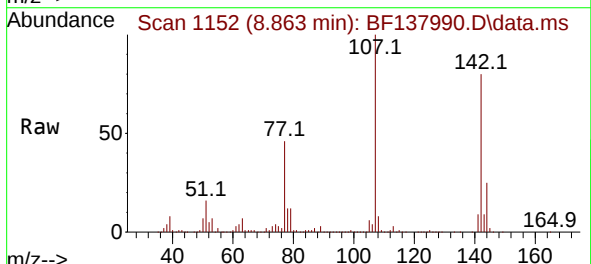
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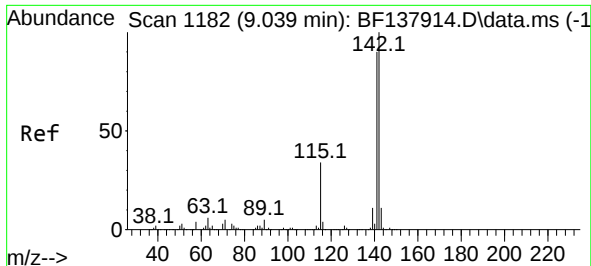
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#36
4-Chloro-3-methylphenol
Concen: 49.669 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

Tgt Ion:107 Resp: 395722
Ion Ratio Lower Upper
107 100
144 25.2 20.7 31.1
142 80.2 64.0 96.0





#37

2-Methylnaphthalene

Concen: 47.062 ng

RT: 9.033 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF137990.D

Acq: 21 May 2024 21:15

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMSD

Tgt Ion:142 Resp: 849490

Ion Ratio Lower Upper

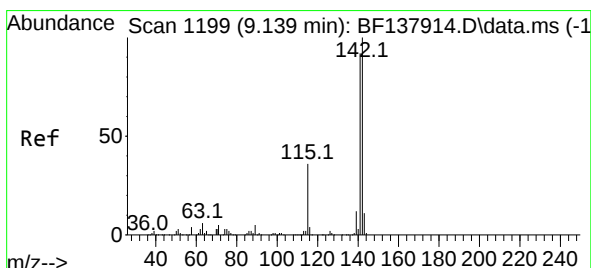
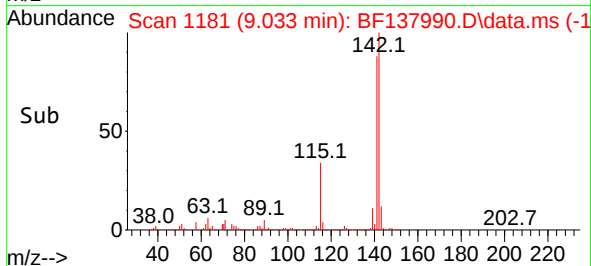
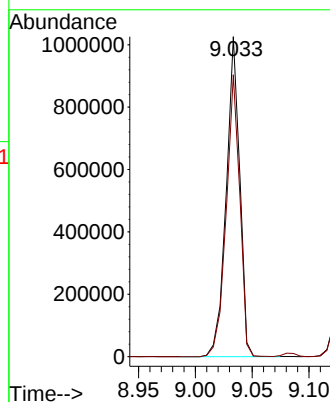
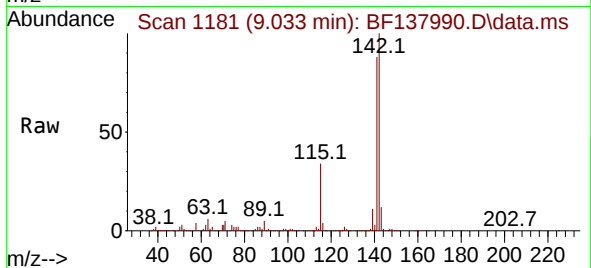
142 100

141 88.1 72.0 108.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#38

1-Methylnaphthalene

Concen: 44.475 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF137990.D

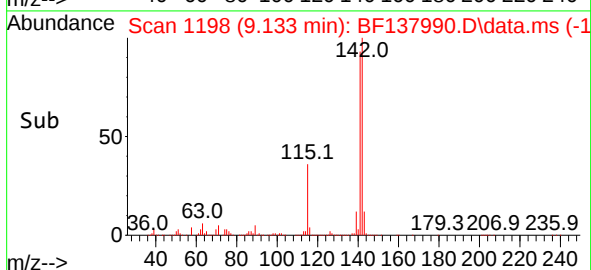
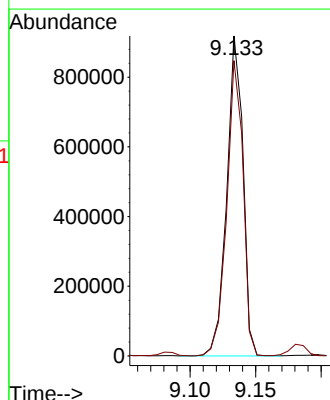
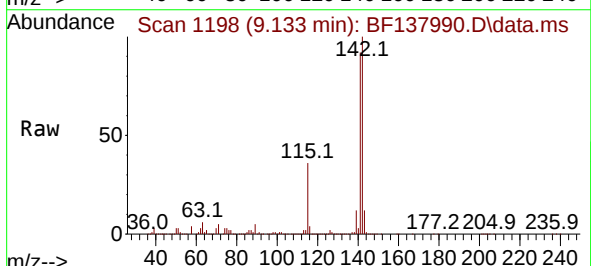
Acq: 21 May 2024 21:15

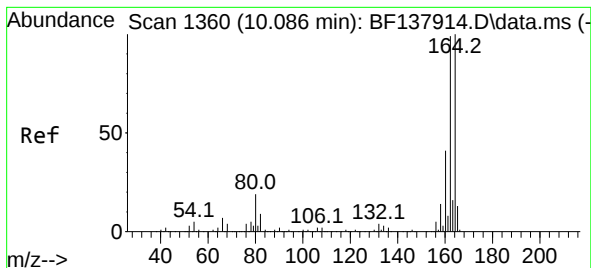
Tgt Ion:142 Resp: 789240

Ion Ratio Lower Upper

142 100

141 92.3 73.7 110.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.086 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137990.D

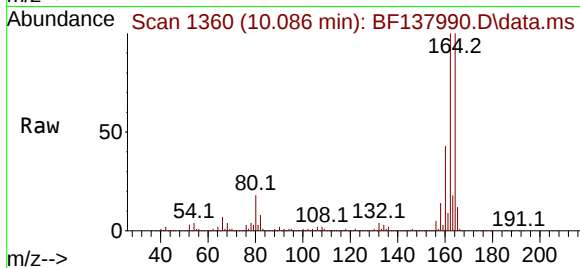
Acq: 21 May 2024 21:15

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMSD



Tgt Ion:164 Resp: 303045

Ion Ratio Lower Upper

164 100

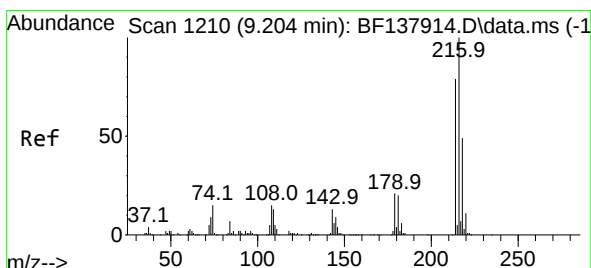
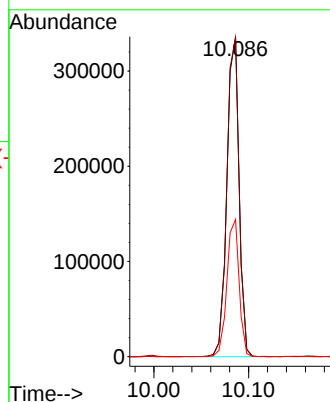
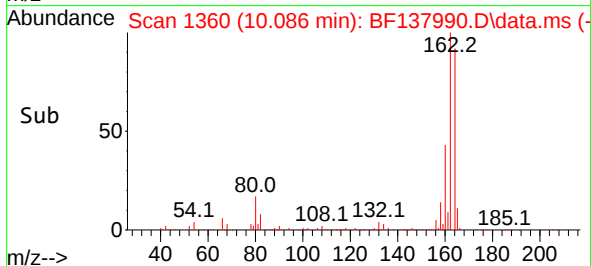
162 99.7 79.4 119.2

160 42.9 33.1 49.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.155 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF137990.D

Acq: 21 May 2024 21:15

Tgt Ion:216 Resp: 404975

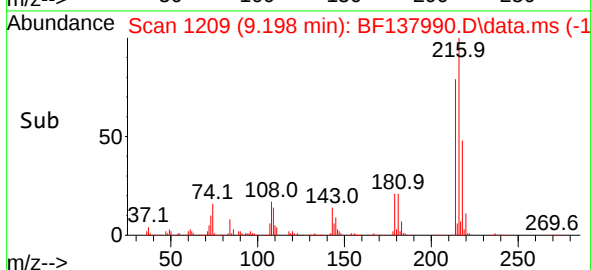
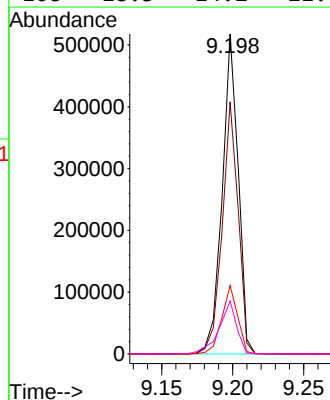
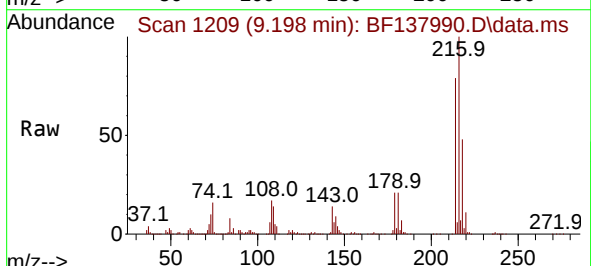
Ion Ratio Lower Upper

216 100

214 78.3 63.4 95.2

179 21.4 17.0 25.4

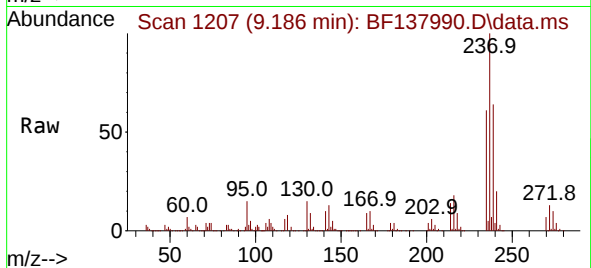
108 18.3 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 89.096 ng
RT: 9.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

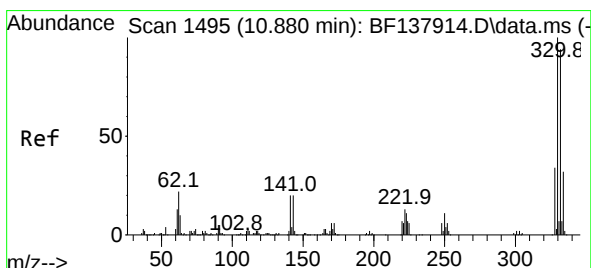
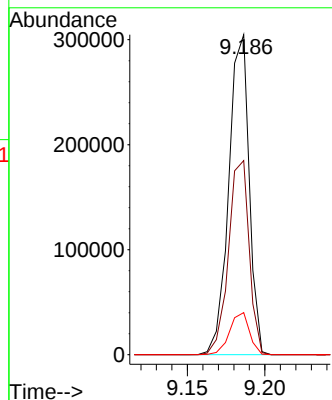
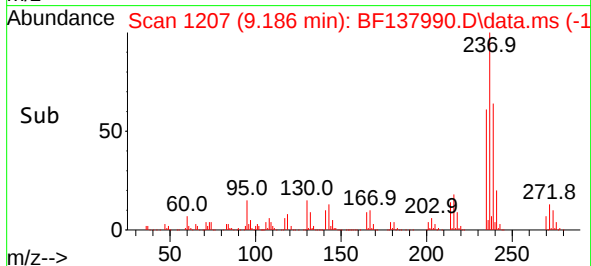
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



Tgt Ion:237 Resp: 278911
Ion Ratio Lower Upper
237 100
235 60.7 42.8 82.8
272 13.2 0.0 32.0

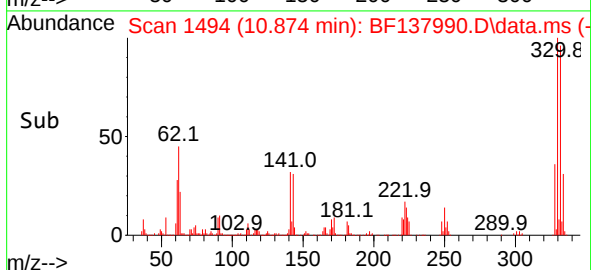
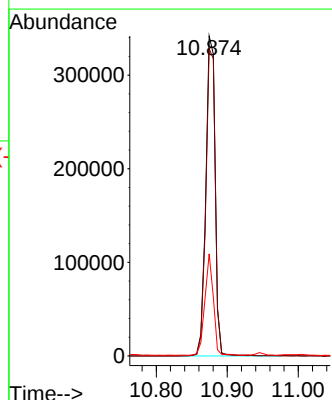
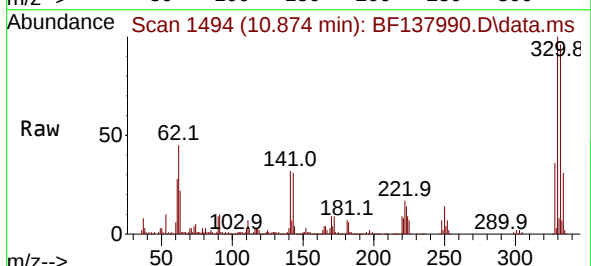
Manual Integrations
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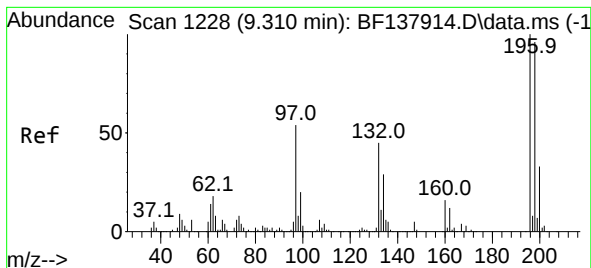
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#42
2,4,6-Tribromophenol
Concen: 102.856 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

Tgt Ion:330 Resp: 314286
Ion Ratio Lower Upper
330 100
332 96.3 75.8 113.8
141 28.9 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 50.964 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF137990.D

Acq: 21 May 2024 21:15

Instrument :

BNA_F

ClientSampleId :

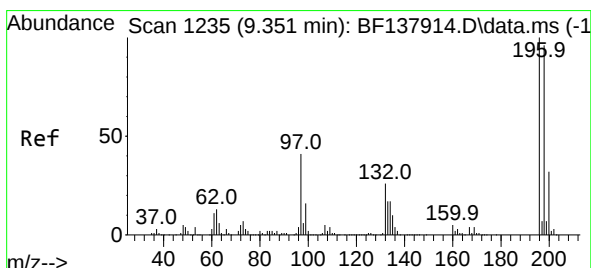
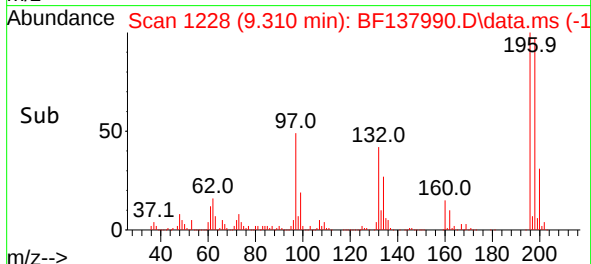
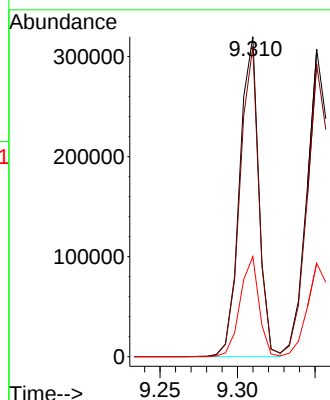
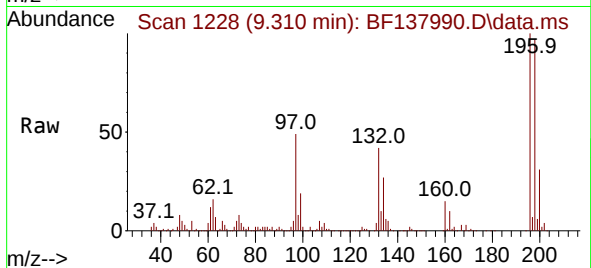
POLE-SLEEVE-SOILMSD

Tgt Ion:196 Resp: 275297
 Ion Ratio Lower Upper
 196 100
 198 97.0 77.0 115.4
 200 31.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
 Supervised By :mohammad ahmed 05/24/2024



#44

2,4,5-Trichlorophenol

Concen: 50.015 ng

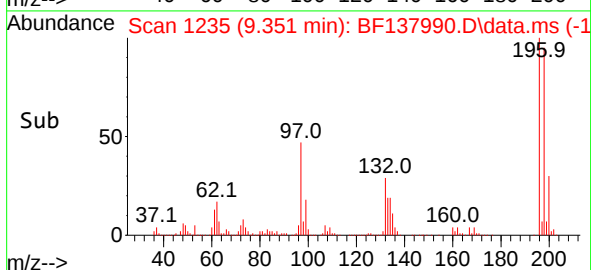
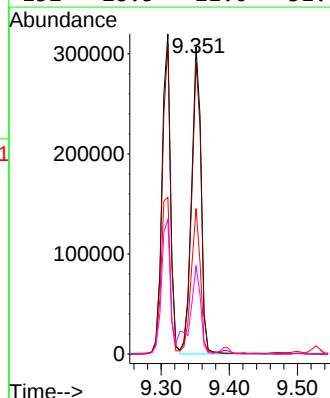
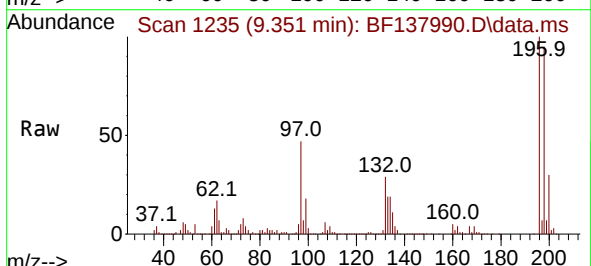
RT: 9.351 min Scan# 1235

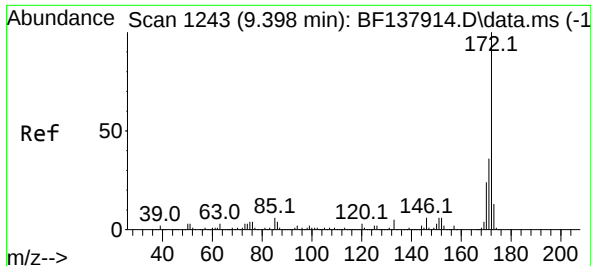
Delta R.T. -0.000 min

Lab File: BF137990.D

Acq: 21 May 2024 21:15

Tgt Ion:196 Resp: 295616
 Ion Ratio Lower Upper
 196 100
 198 95.0 77.4 116.0
 97 47.3 32.9 49.3
 132 28.5 21.0 31.6





#45

2-Fluorobiphenyl

Concen: 66.303 ng

RT: 9.398 min Scan# 1243

Delta R.T. -0.000 min

Lab File: BF137990.D

Acq: 21 May 2024 21:15

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMSD

Tgt Ion:172 Resp: 1304389

Ion Ratio Lower Upper

172 100

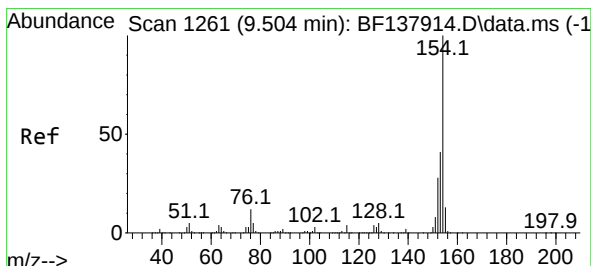
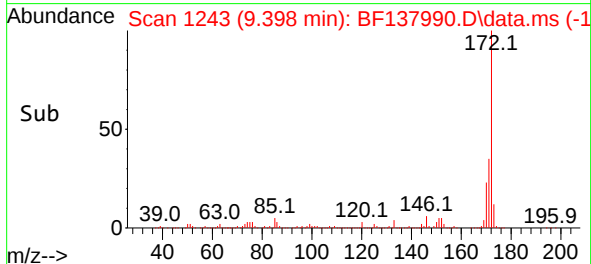
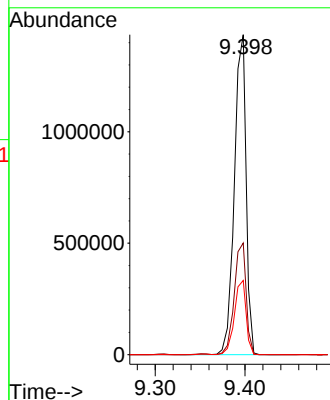
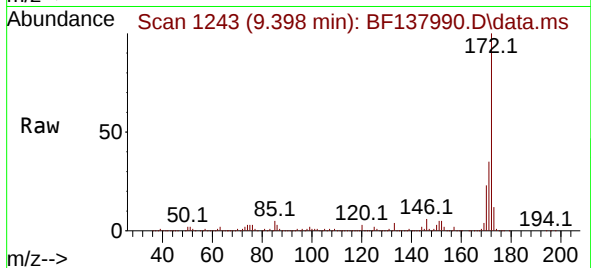
171 34.9 28.9 43.3

170 23.2 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#46

1,1'-Biphenyl

Concen: 48.790 ng

RT: 9.498 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BF137990.D

Acq: 21 May 2024 21:15

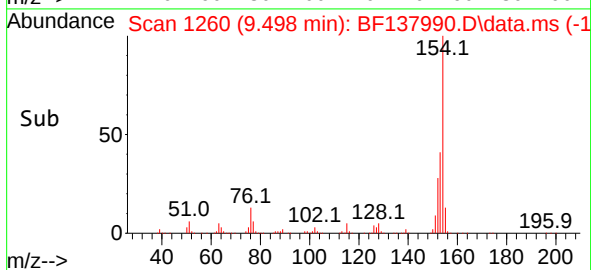
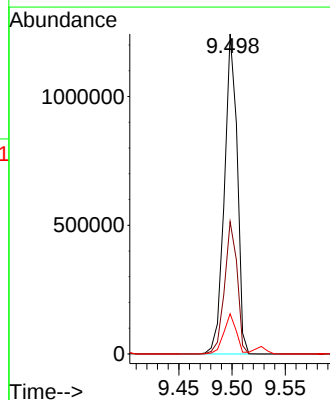
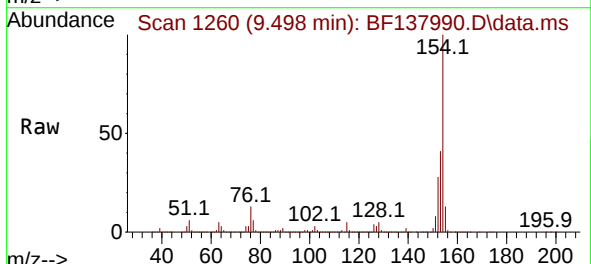
Tgt Ion:154 Resp: 1037039

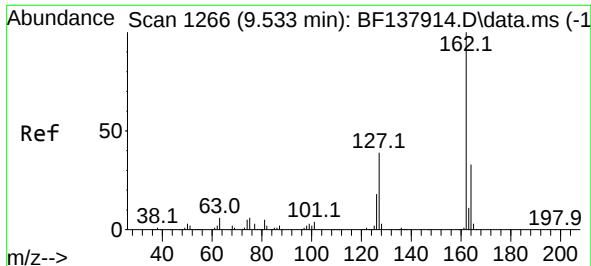
Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

76 12.6 0.0 31.9





#47

2-Chloronaphthalene

Concen: 47.206 ng

RT: 9.527 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF137990.D

Acq: 21 May 2024 21:15

Instrument :

BNA_F

ClientSampleId :

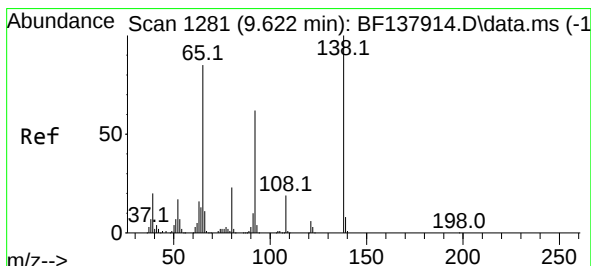
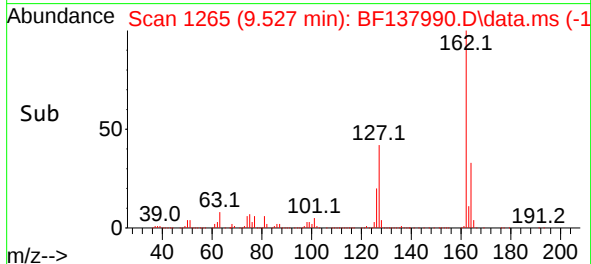
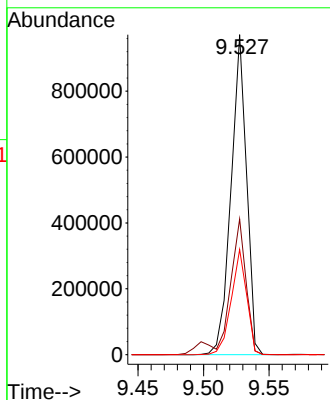
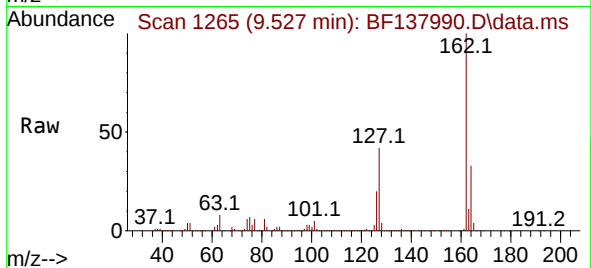
POLE-SLEEVE-SOILMSD

Tgt Ion:162 Resp: 80095
 Ion Ratio Lower Upper
 162 100
 127 42.4 32.0 48.0
 164 32.9 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
 Supervised By :mohammad ahmed 05/24/2024



#48

2-Nitroaniline

Concen: 51.714 ng

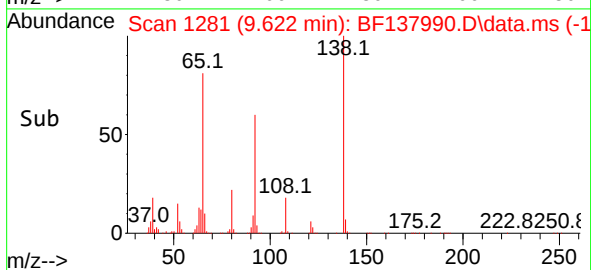
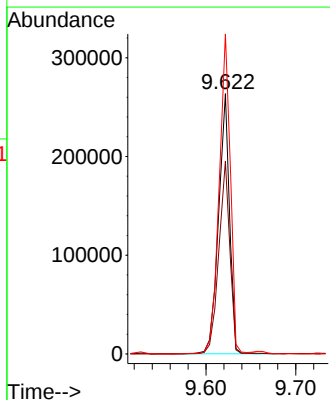
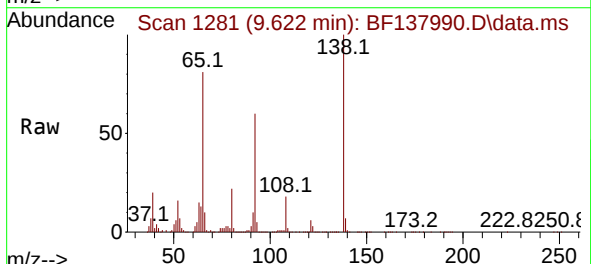
RT: 9.622 min Scan# 1281

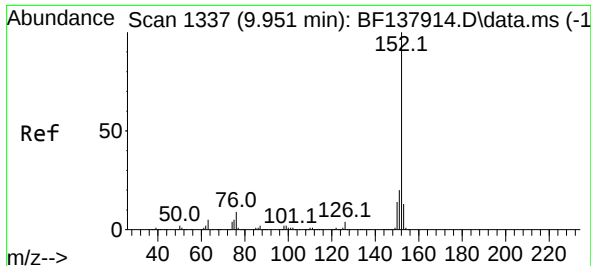
Delta R.T. -0.000 min

Lab File: BF137990.D

Acq: 21 May 2024 21:15

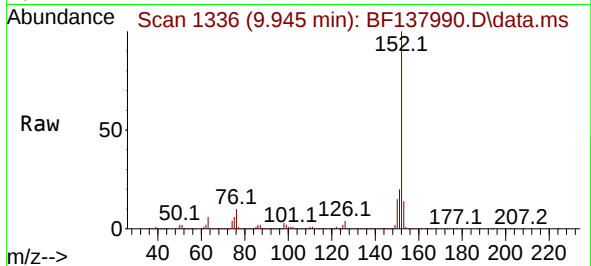
Tgt Ion: 65 Resp: 224692
 Ion Ratio Lower Upper
 65 100
 92 74.1 58.6 88.0
 138 122.9 94.1 141.1





#49
Acenaphthylene
Concen: 51.976 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

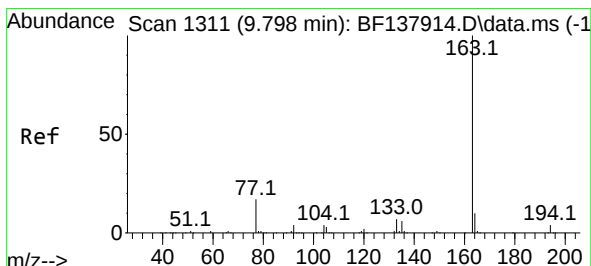
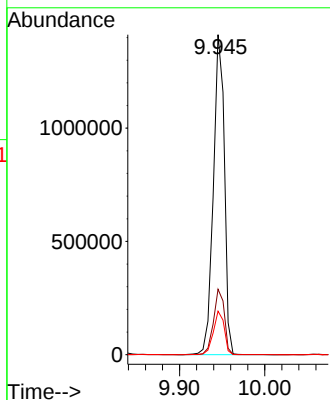
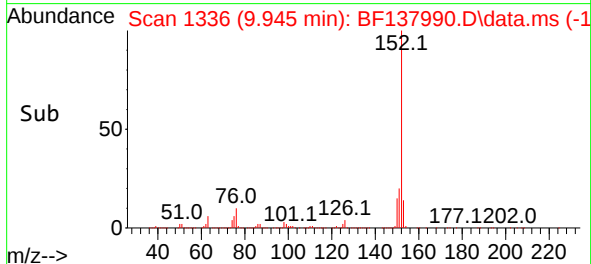
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



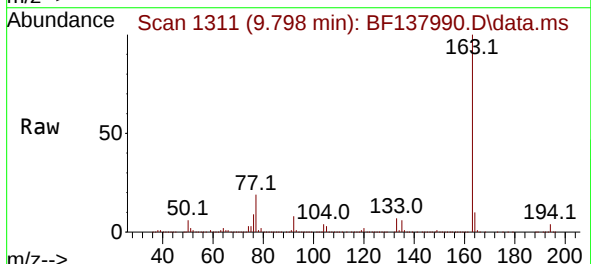
Tgt Ion:152 Resp: 126805
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.8
153 13.6 10.2 15.4

Manual Integrations
APPROVED

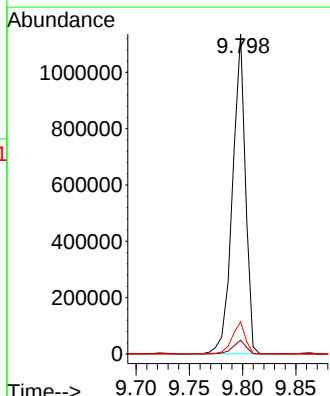
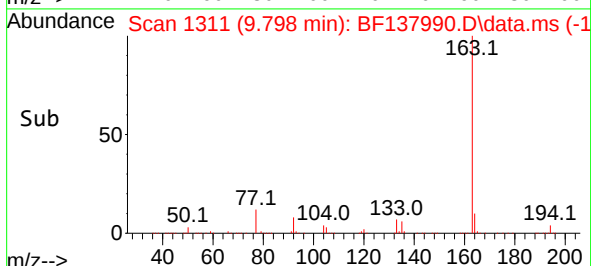
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

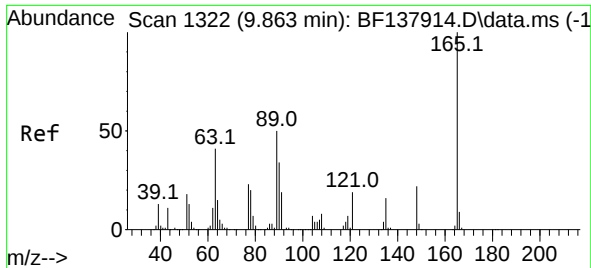


#50
Dimethylphthalate
Concen: 50.520 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15



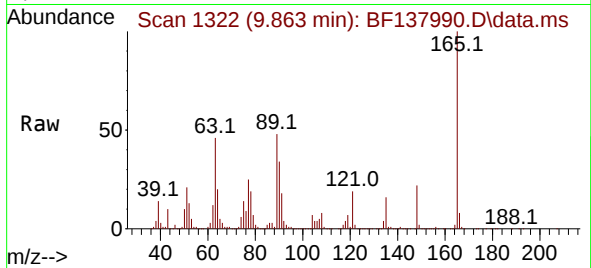
Tgt Ion:163 Resp: 960050
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 48.615 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

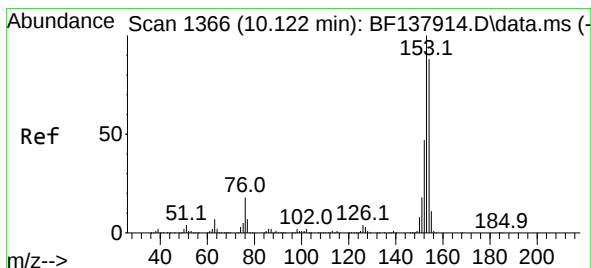
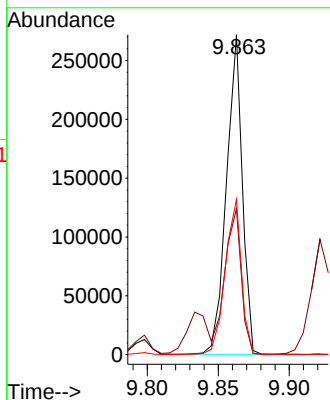
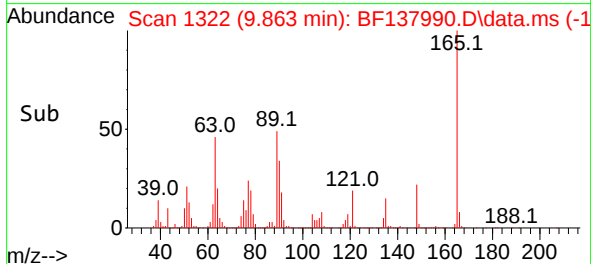
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



Tgt Ion:165 Resp: 21203
Ion Ratio Lower Upper
165 100
63 45.6 38.9 58.3
89 48.5 40.4 60.6

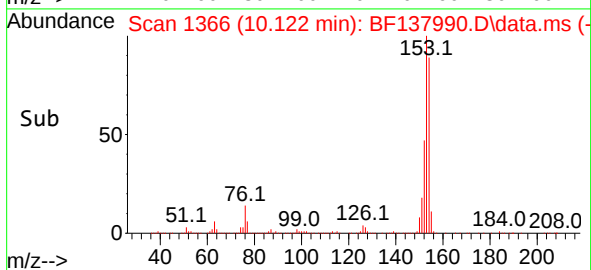
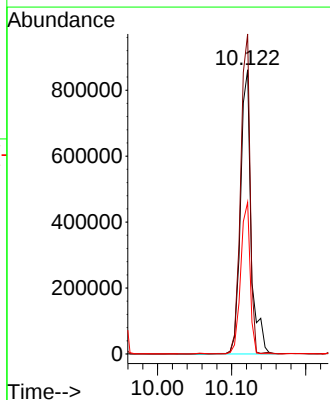
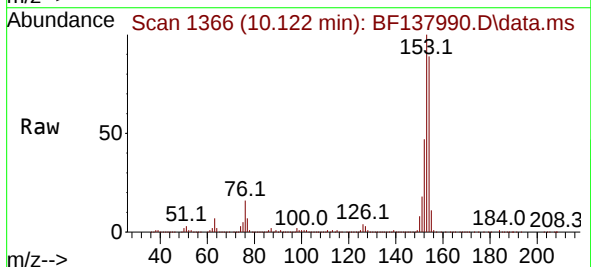
Manual Integrations
APPROVED

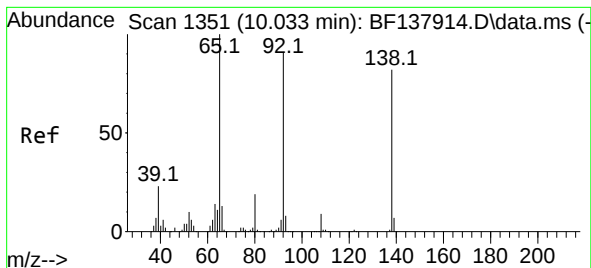
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#52
Acenaphthene
Concen: 53.060 ng
RT: 10.122 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

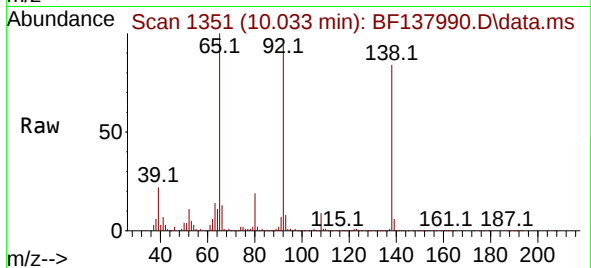
Tgt Ion:154 Resp: 855591
Ion Ratio Lower Upper
154 100
153 112.6 90.4 135.6
152 53.4 42.3 63.5





#53
3-Nitroaniline
Concen: 47.788 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

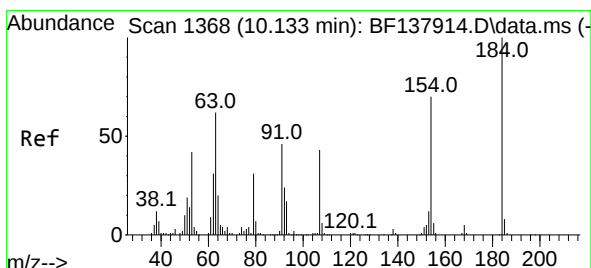
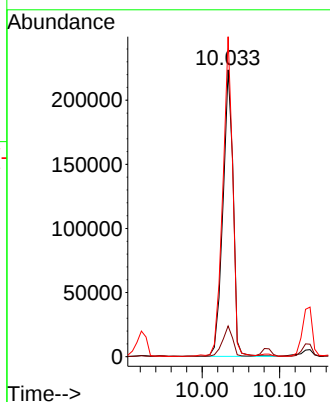
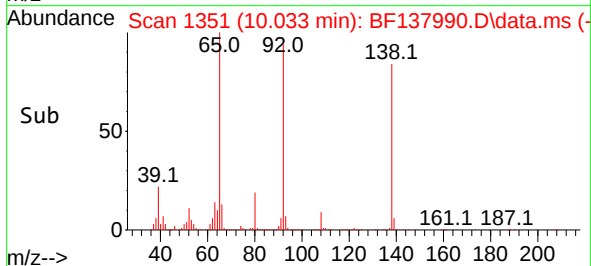
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



Tgt Ion:138 Resp: 203762
Ion Ratio Lower Upper
138 100
108 10.7 8.8 13.2
92 111.6 88.6 133.0

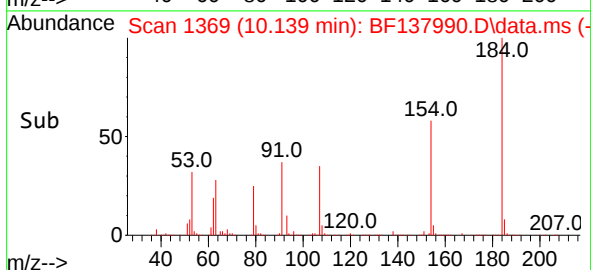
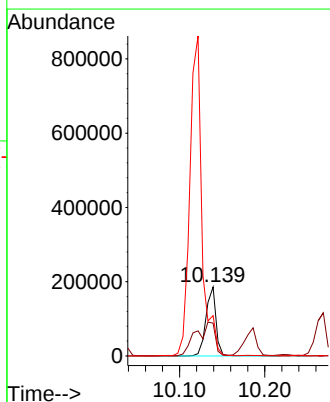
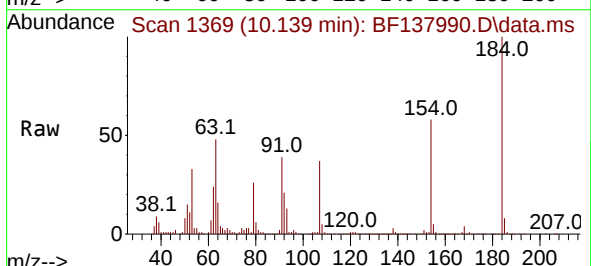
Manual Integrations
APPROVED

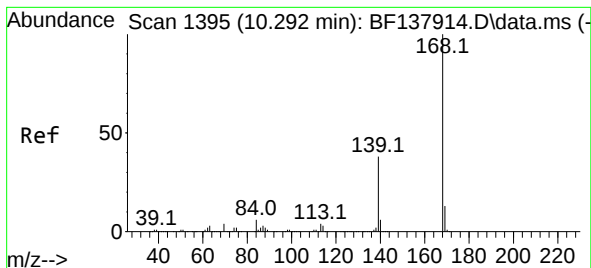
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#54
2,4-Dinitrophenol
Concen: 66.121 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

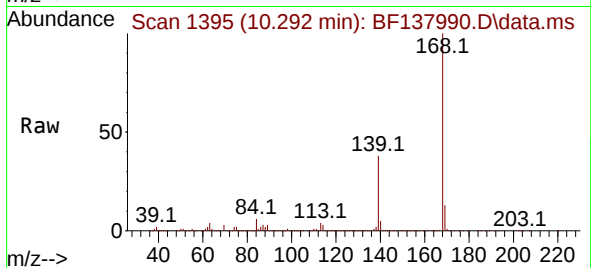
Tgt Ion:184 Resp: 152680
Ion Ratio Lower Upper
184 100
63 47.6 50.4 75.6#
154 58.4 63.7 95.5#





#55
Dibenzenofuran
Concen: 49.284 ng
RT: 10.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

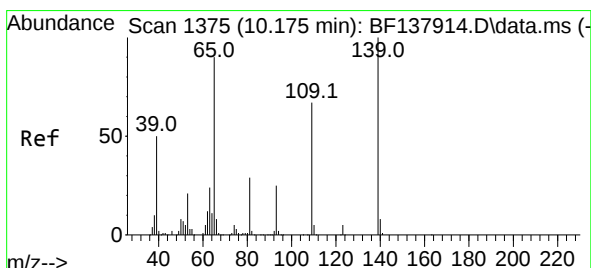
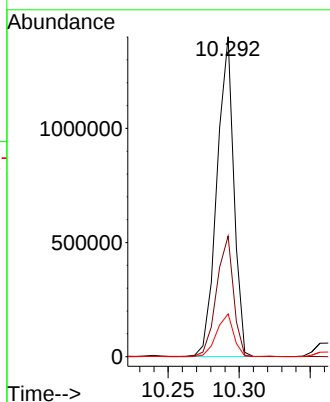
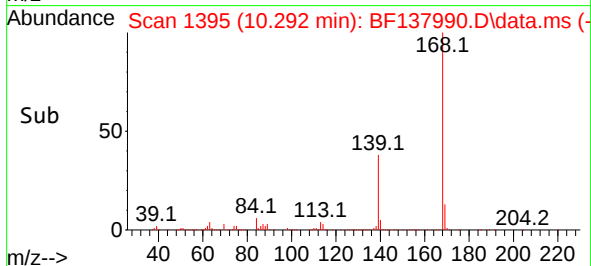
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



Tgt Ion:168 Resp: 115656
Ion Ratio Lower Upper
168 100
139 37.7 30.4 45.6
169 13.3 10.5 15.7

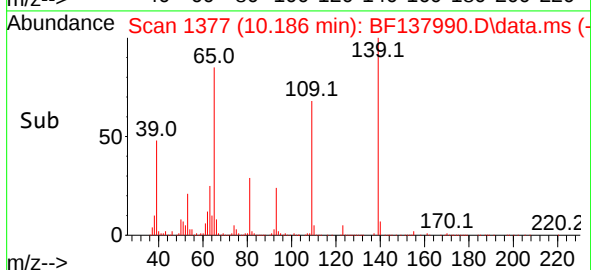
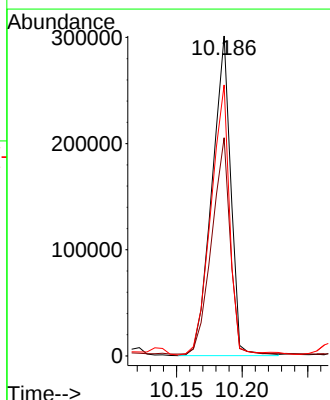
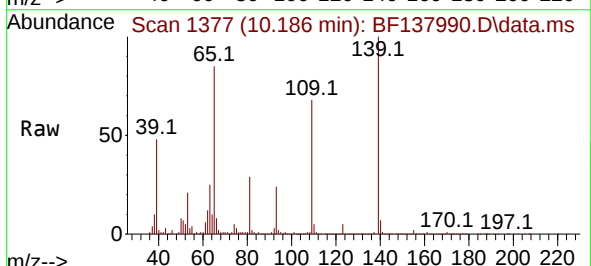
Manual Integrations
APPROVED

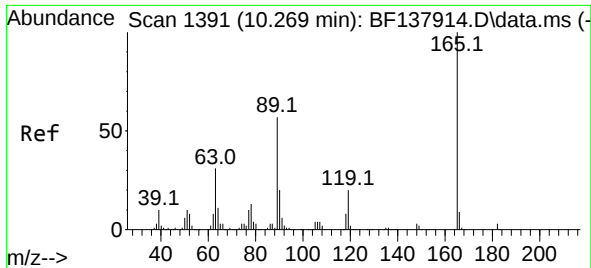
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#56
4-Nitrophenol
Concen: 97.997 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.012 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

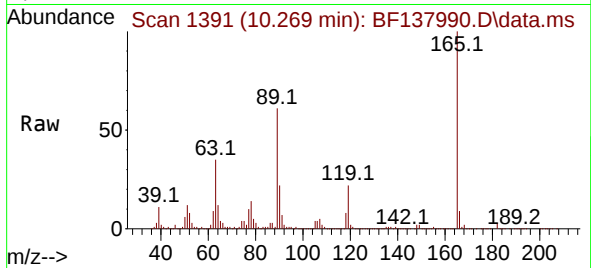
Tgt Ion:139 Resp: 300108
Ion Ratio Lower Upper
139 100
109 68.2 46.5 86.5
65 84.7 70.4 110.4





#57
2,4-Dinitrotoluene
Concen: 49.331 ng
RT: 10.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

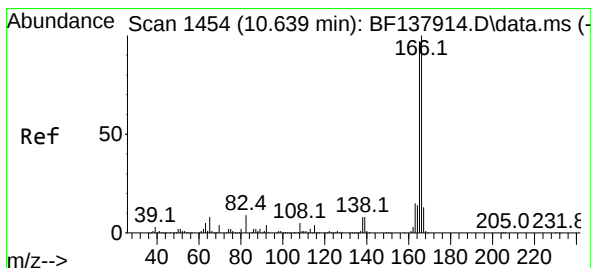
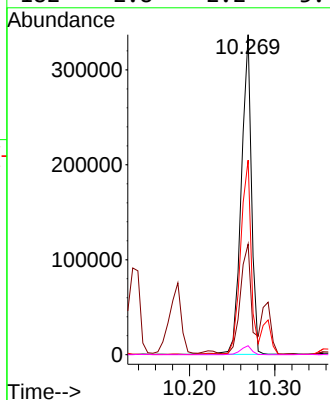
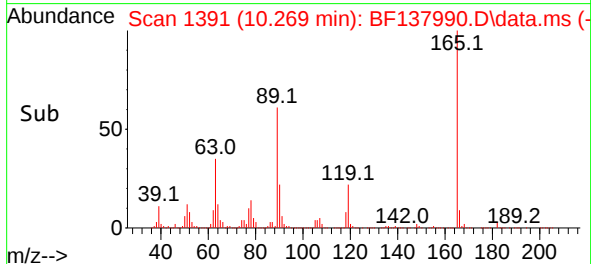
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



Tgt Ion:165 Resp: 278150
Ion Ratio Lower Upper
165 100
63 34.6 25.3 37.9
89 60.8 45.9 68.9
182 2.8 2.2 3.4

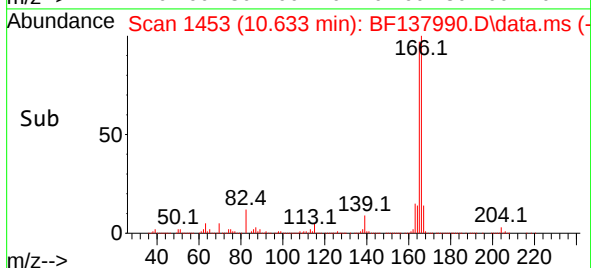
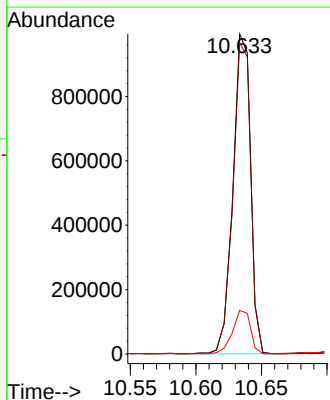
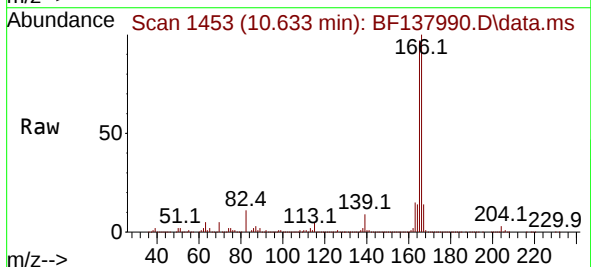
Manual Integrations
APPROVED

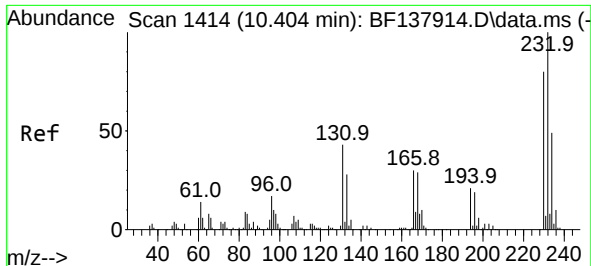
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#58
Fluorene
Concen: 50.157 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

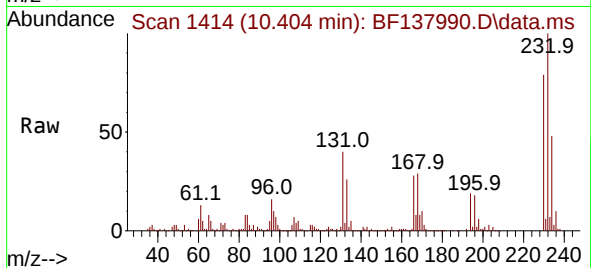
Tgt Ion:166 Resp: 930993
Ion Ratio Lower Upper
166 100
165 97.3 77.8 116.8
167 13.6 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.762 ng m
RT: 10.404 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

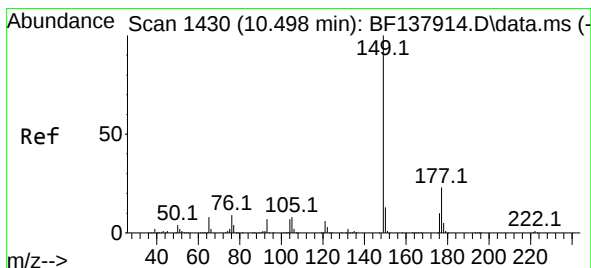
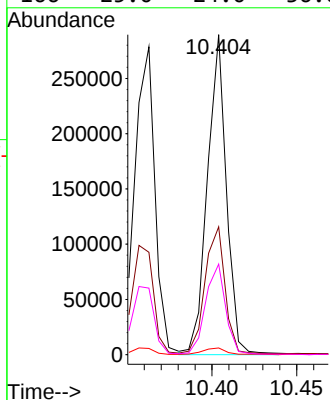
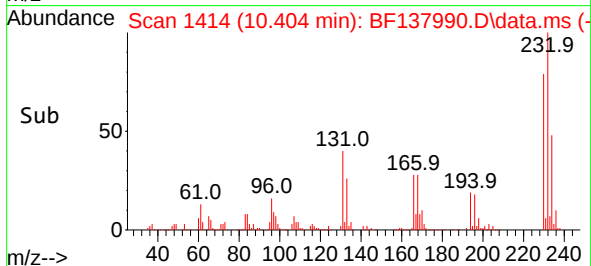
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



Tgt Ion:232 Resp: 226415
Ion Ratio Lower Upper
232 100
131 39.1 34.4 51.6
130 2.5 1.7 2.5
166 25.0 24.0 36.0

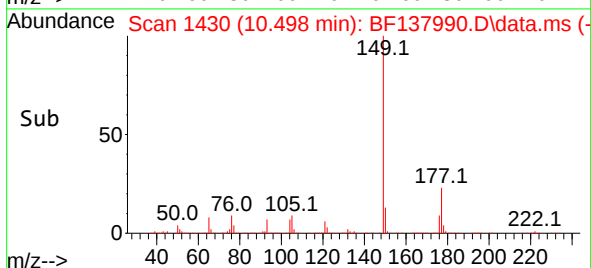
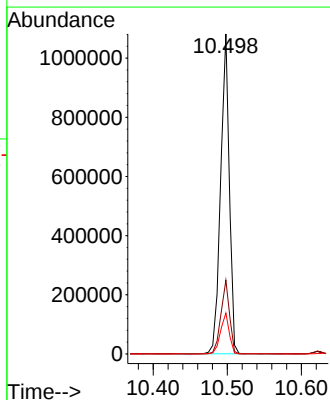
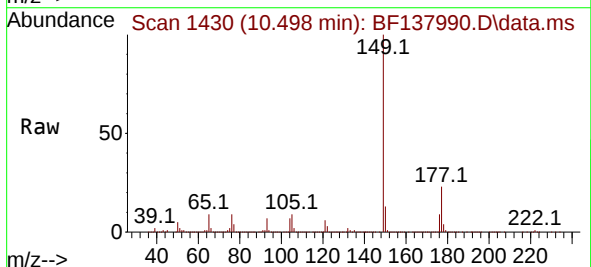
Manual Integrations
APPROVED

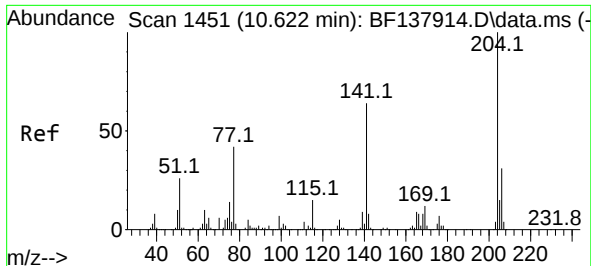
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#60
Diethylphthalate
Concen: 49.937 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

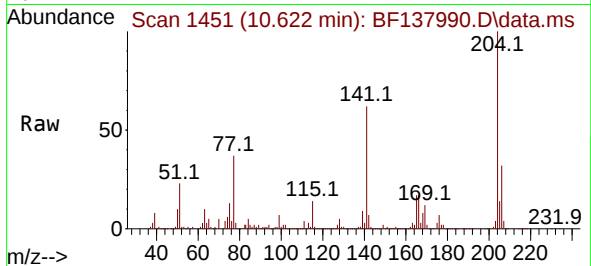
Tgt Ion:149 Resp: 886269
Ion Ratio Lower Upper
149 100
177 23.0 18.4 27.6
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.153 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

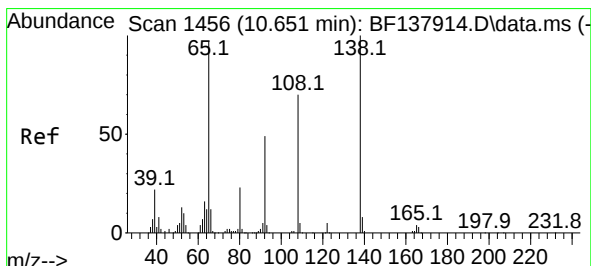
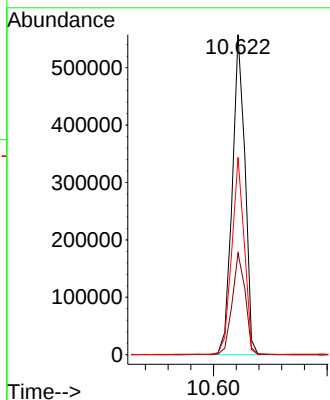
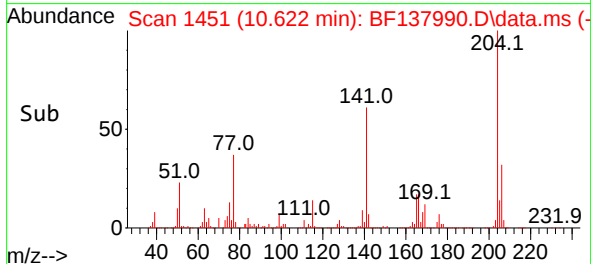
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



Tgt Ion:204 Resp: 43162
Ion Ratio Lower Upper
204 100
206 31.7 25.1 37.7
141 61.6 51.0 76.6

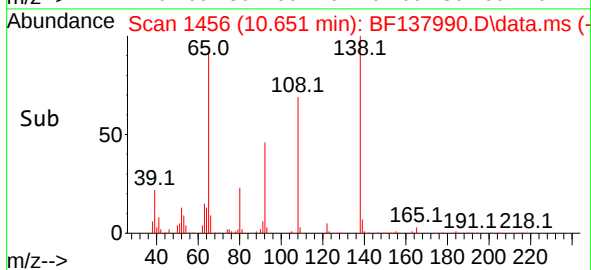
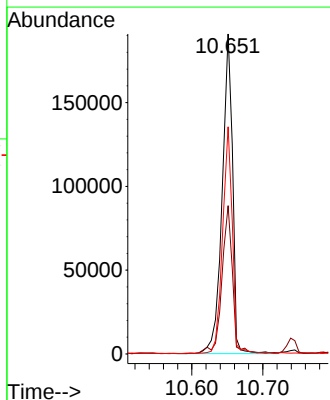
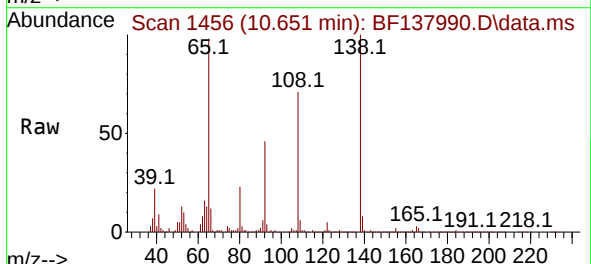
Manual Integrations
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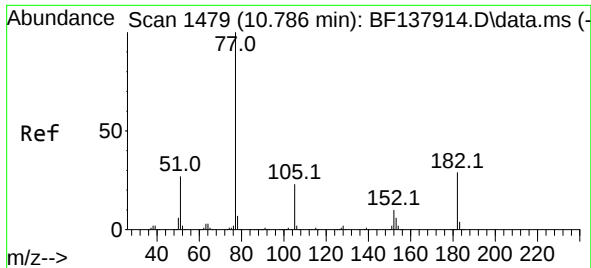
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#62
4-Nitroaniline
Concen: 47.845 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

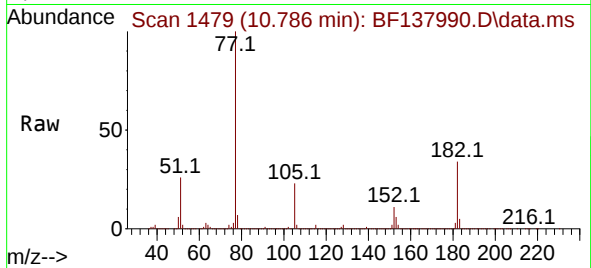
Tgt Ion:138 Resp: 193493
Ion Ratio Lower Upper
138 100
92 46.4 29.0 69.0
108 71.0 49.7 89.7





#63
Azobenzene
Concen: 48.392 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.000 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

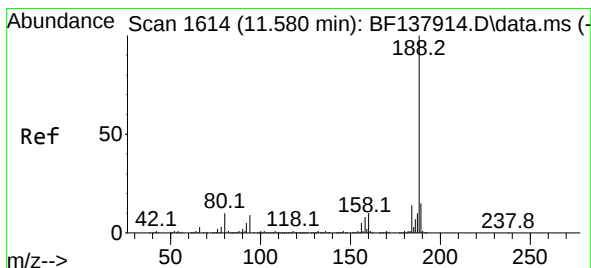
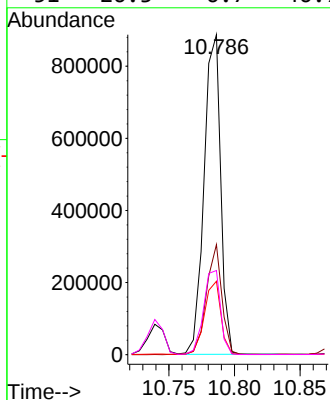
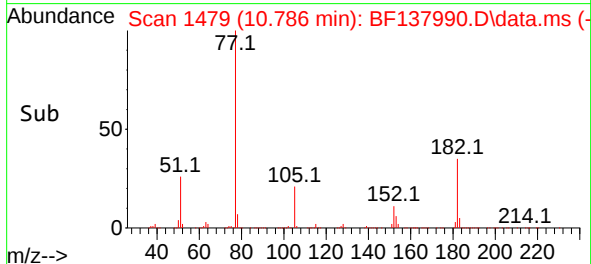
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



Tgt Ion: 77 Resp: 78121
Ion Ratio Lower Upper
77 100
182 34.4 9.2 49.2
105 23.0 3.1 43.1
51 26.3 6.7 46.7

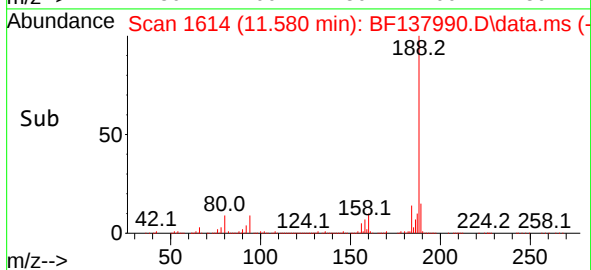
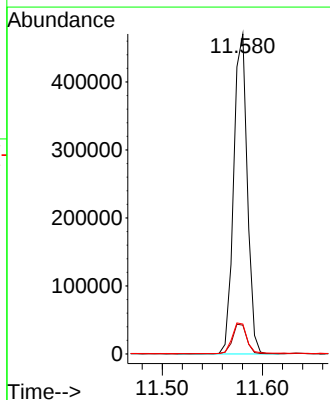
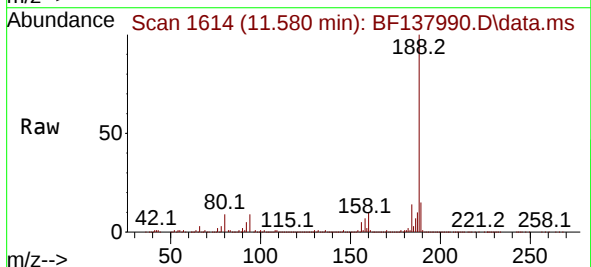
Manual Integrations
APPROVED

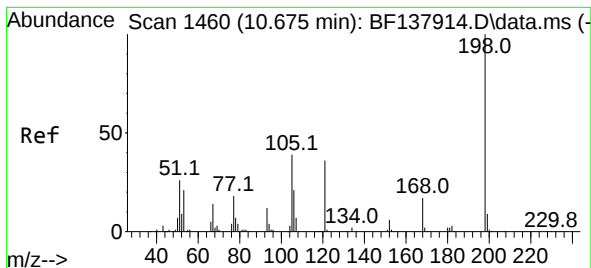
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

Tgt Ion:188 Resp: 443539
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 9.3 7.7 11.5





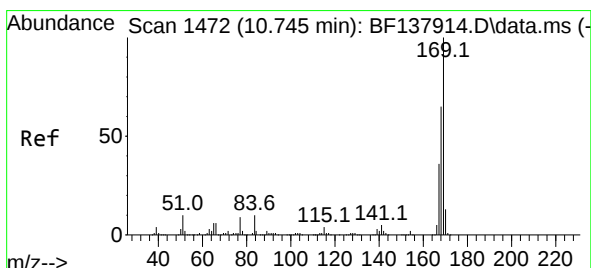
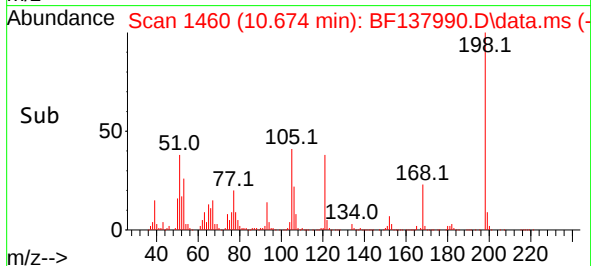
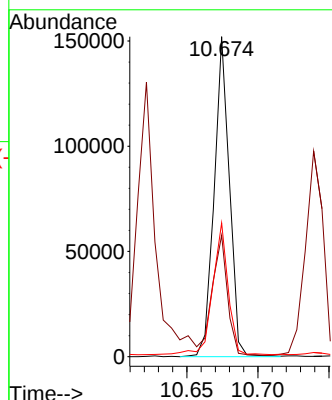
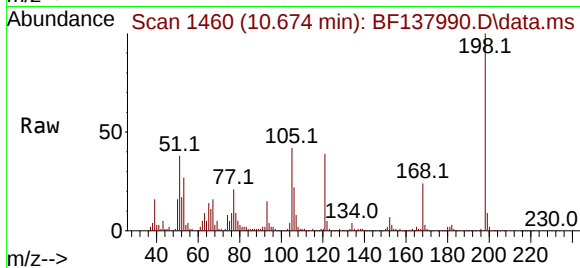
#65
4,6-Dinitro-2-methylphenol
Concen: 44.443 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.001 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD

Tgt Ion:198 Resp: 113819
Ion Ratio Lower Upper
198 100
51 37.9 13.8 53.8
105 41.8 19.0 59.0

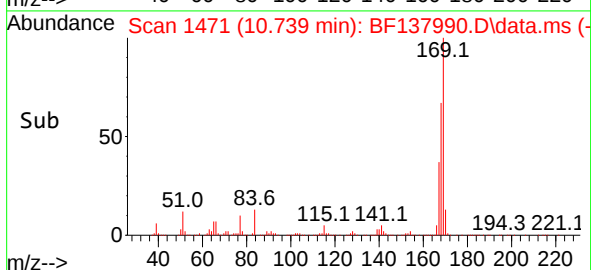
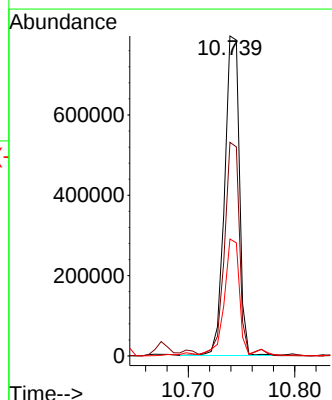
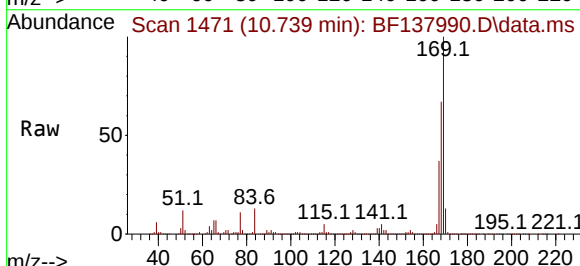
Manual Integrations
APPROVED

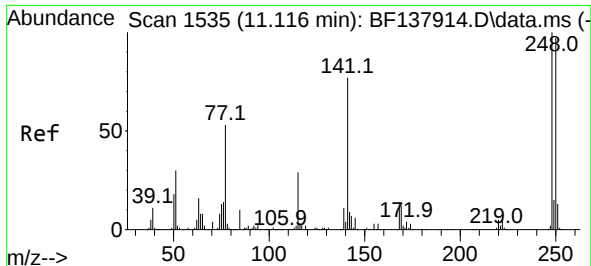
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#66
n-Nitrosodiphenylamine
Concen: 56.046 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.006 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

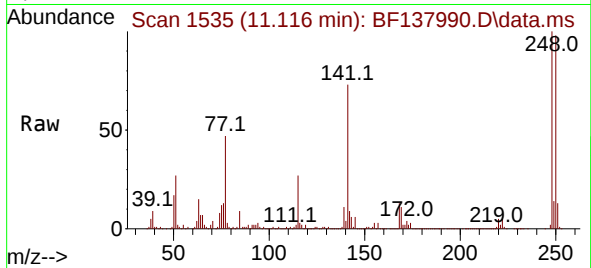
Tgt Ion:169 Resp: 762340
Ion Ratio Lower Upper
169 100
168 66.7 52.4 78.6
167 36.5 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 53.333 ng
RT: 11.116 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

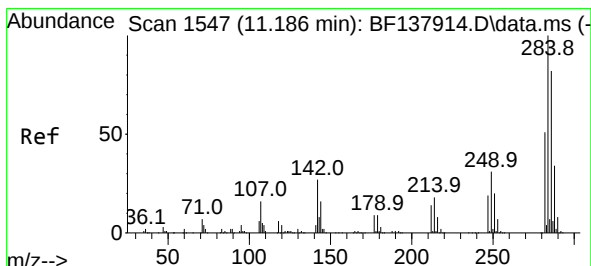
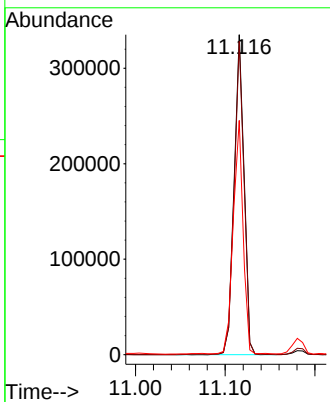
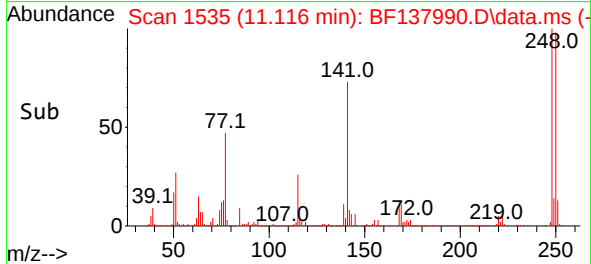
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



Tgt Ion:248 Resp: 259329
Ion Ratio Lower Upper
248 100
250 97.9 77.6 116.4
141 73.2 61.4 92.2

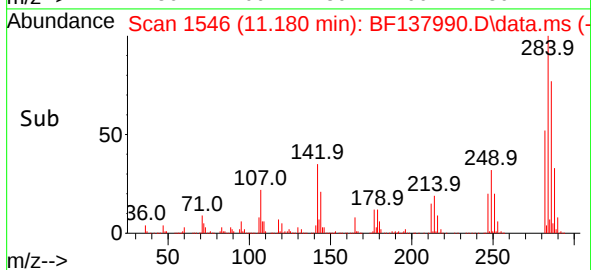
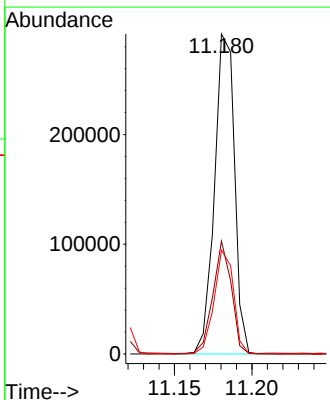
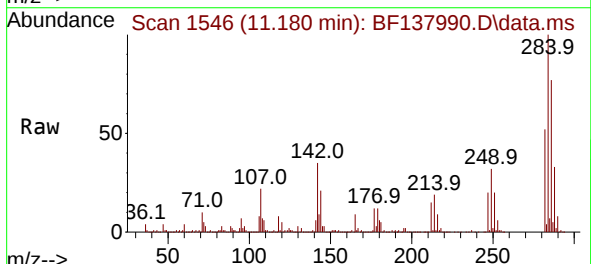
Manual Integrations
APPROVED

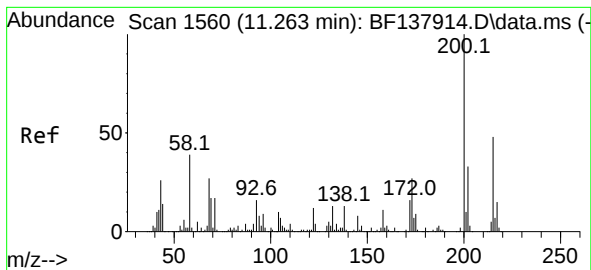
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#68
Hexachlorobenzene
Concen: 48.719 ng
RT: 11.180 min Scan# 1546
Delta R.T. -0.006 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

Tgt Ion:284 Resp: 261861
Ion Ratio Lower Upper
284 100
142 35.3 21.3 31.9#
249 32.5 24.6 37.0





#69

Atrazine

Concen: 62.332 ng

RT: 11.269 min Scan# 1560

Delta R.T. 0.006 min

Lab File: BF137990.D

Acq: 21 May 2024 21:15

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMSD

Tgt Ion:200 Resp: 231510

Ion Ratio Lower Upper

200 100

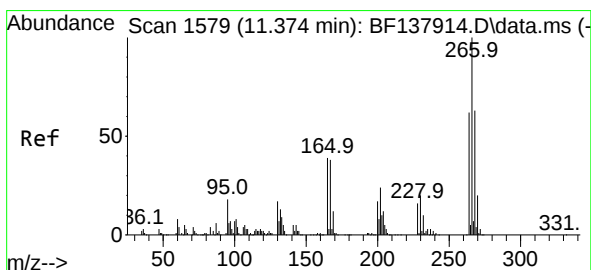
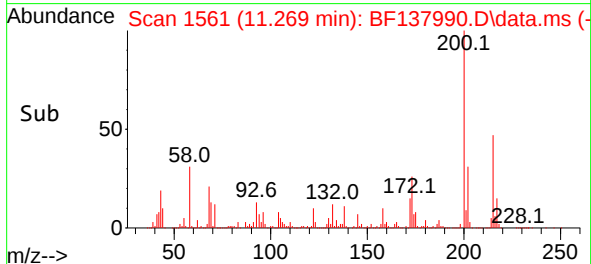
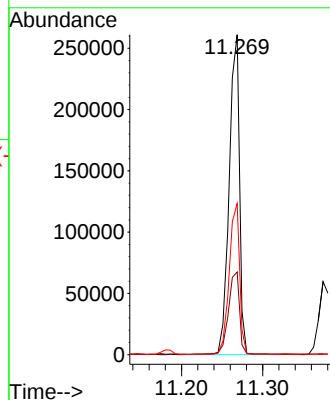
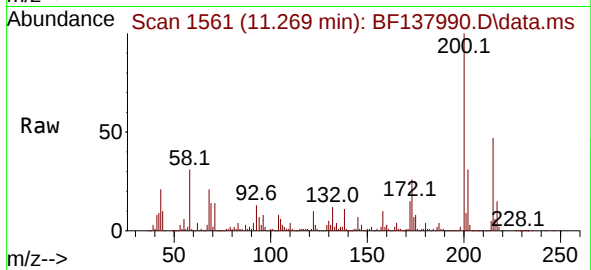
173 25.8 6.6 46.6

215 47.2 27.5 67.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#70

Pentachlorophenol

Concen: 95.836 ng

RT: 11.374 min Scan# 1579

Delta R.T. -0.000 min

Lab File: BF137990.D

Acq: 21 May 2024 21:15

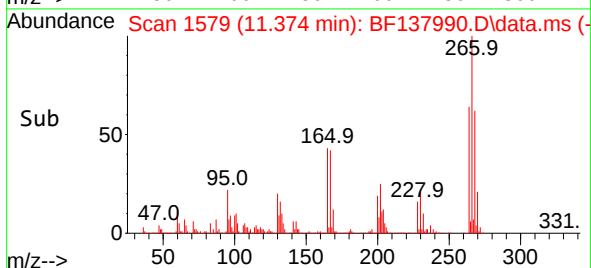
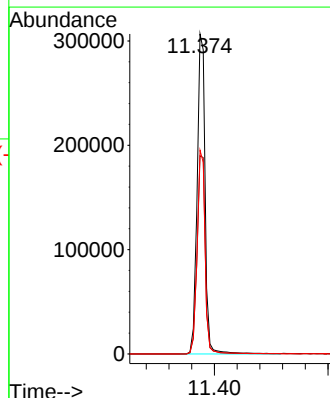
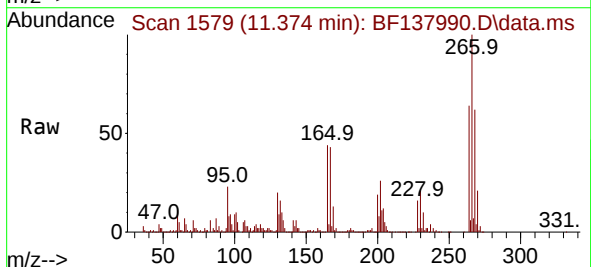
Tgt Ion:266 Resp: 301733

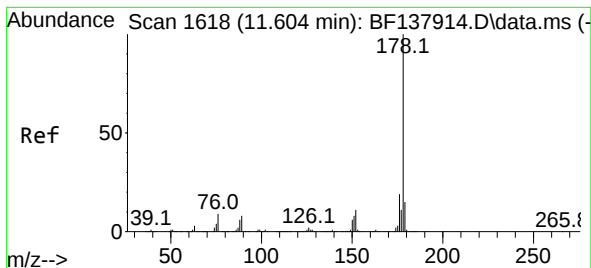
Ion Ratio Lower Upper

266 100

268 61.9 50.1 75.1

264 63.7 49.4 74.2





#71

Phenanthrene

Concen: 76.914 ng

RT: 11.610 min Scan# 1618

Delta R.T. 0.006 min

Lab File: BF137990.D

Acq: 21 May 2024 21:15

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMSD

Tgt Ion:178 Resp: 1681114

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

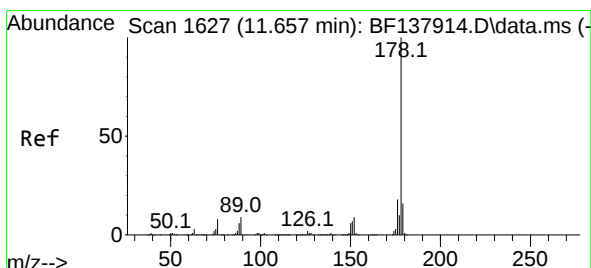
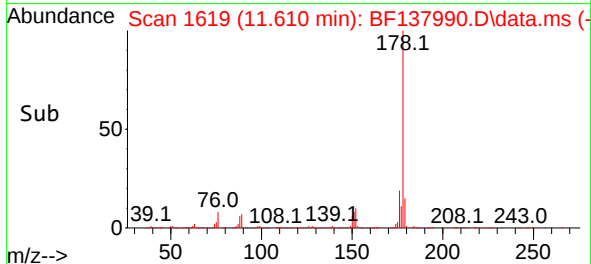
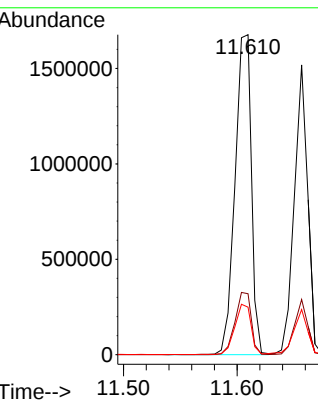
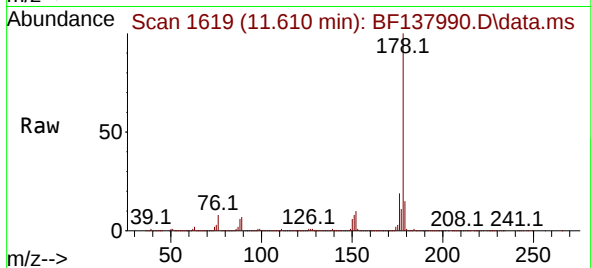
179 14.9 12.2 18.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/22/2024

Supervised By :mohammad ahmed 05/24/2024



#72

Anthracene

Concen: 57.767 ng

RT: 11.657 min Scan# 1627

Delta R.T. -0.000 min

Lab File: BF137990.D

Acq: 21 May 2024 21:15

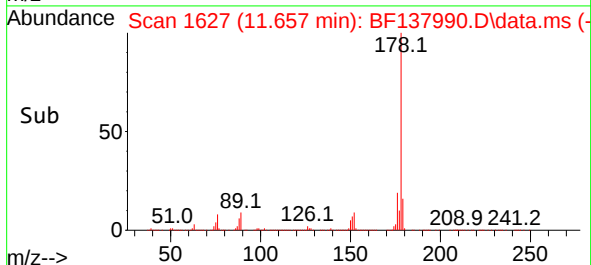
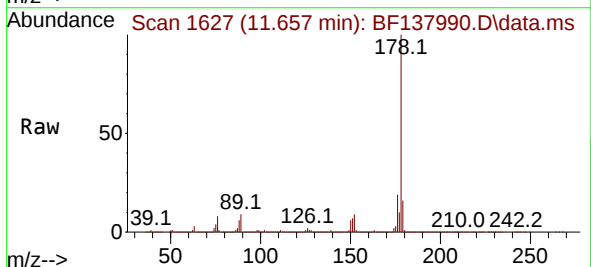
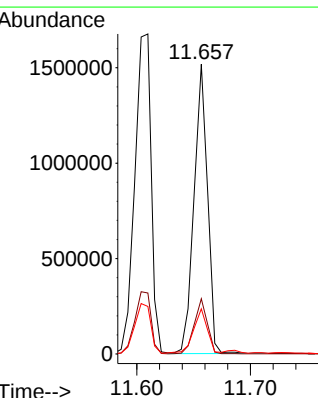
Tgt Ion:178 Resp: 1252758

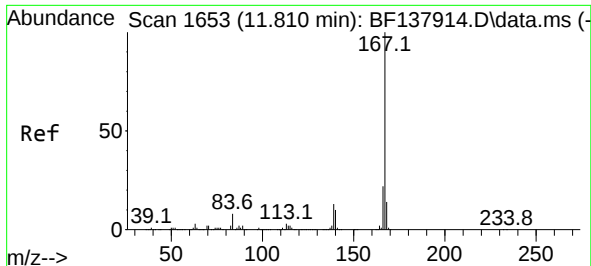
Ion Ratio Lower Upper

178 100

176 19.0 14.7 22.1

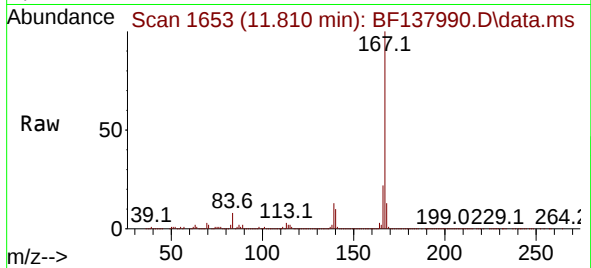
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 48.420 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. -0.000 min
 Lab File: BF137990.D
 Acq: 21 May 2024 21:15

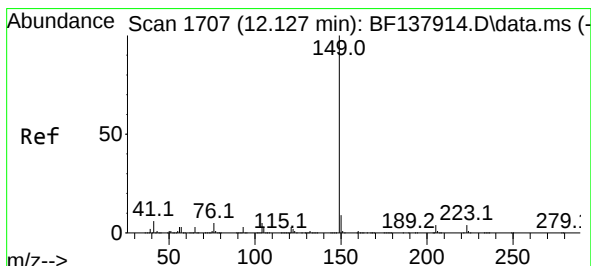
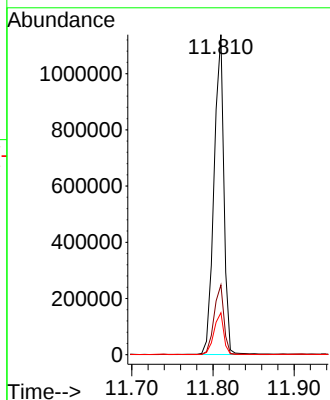
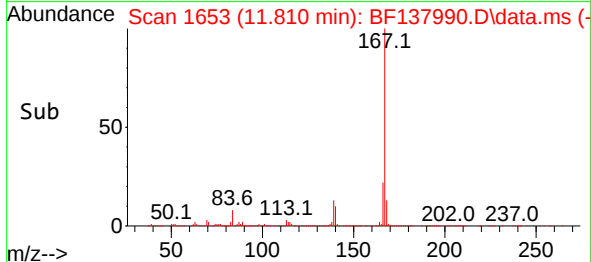
Instrument :
 BNA_F
 ClientSampleId :
 POLE-SLEEVE-SOILMSD



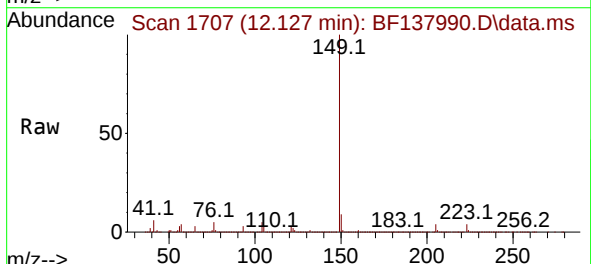
Tgt Ion:167 Resp: 959218
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 13.1 10.3 15.5

Manual Integrations
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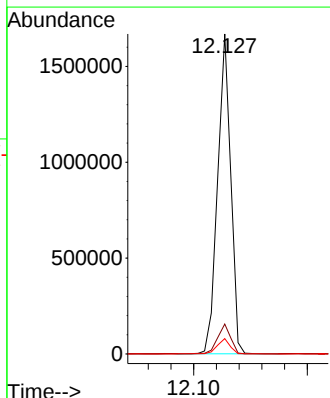
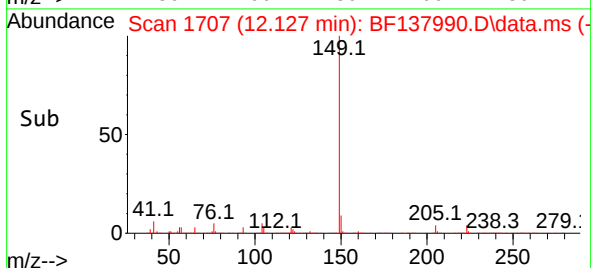
Reviewed By :Jagrut Upadhyay 05/22/2024
 Supervised By :mohammad ahmed 05/24/2024

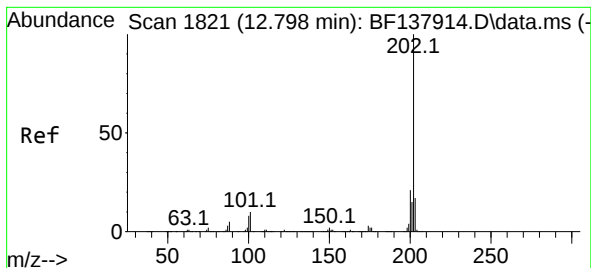


#74
 Di-n-butylphthalate
 Concen: 60.762 ng
 RT: 12.127 min Scan# 1707
 Delta R.T. -0.000 min
 Lab File: BF137990.D
 Acq: 21 May 2024 21:15



Tgt Ion:149 Resp: 1335873
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.8 3.6 5.4





#75

Fluoranthene

Concen: 79.574 ng

RT: 12.804 min Scan# 1822

Delta R.T. 0.006 min

Lab File: BF137990.D

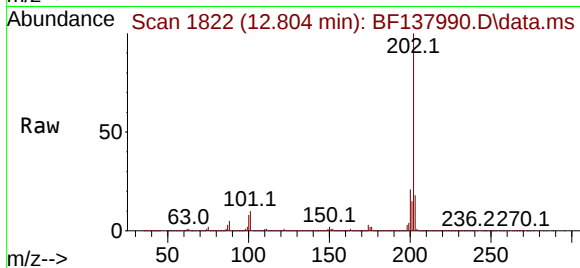
Acq: 21 May 2024 21:15

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMSD



Tgt Ion:202 Resp: 1765380

Ion Ratio Lower Upper

202 100

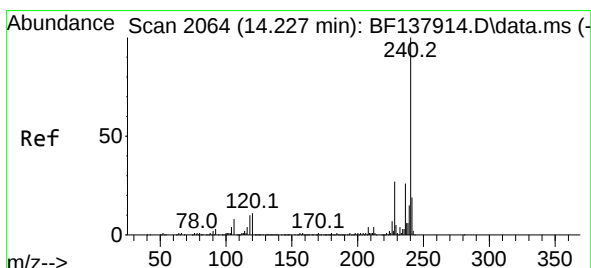
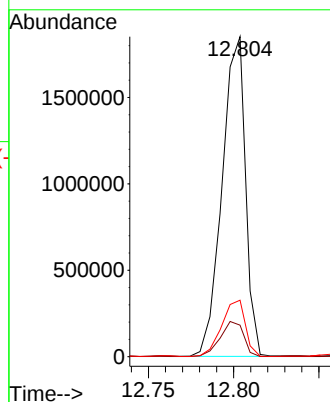
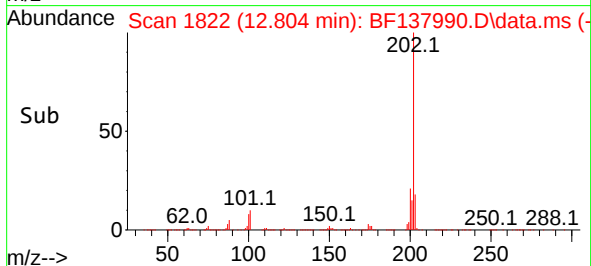
101 9.8 0.0 30.5

203 17.6 0.0 37.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.233 min Scan# 2065

Delta R.T. 0.006 min

Lab File: BF137990.D

Acq: 21 May 2024 21:15

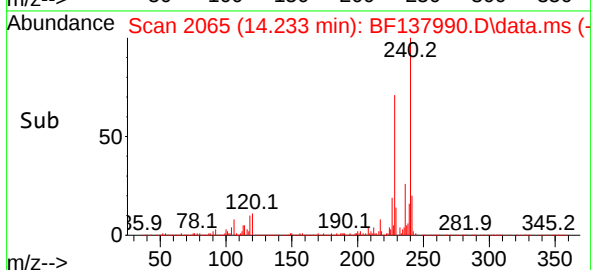
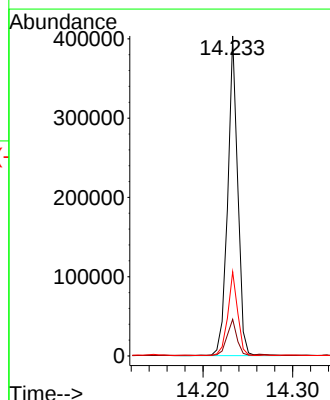
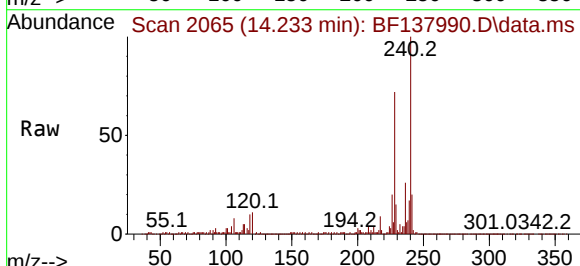
Tgt Ion:240 Resp: 313417

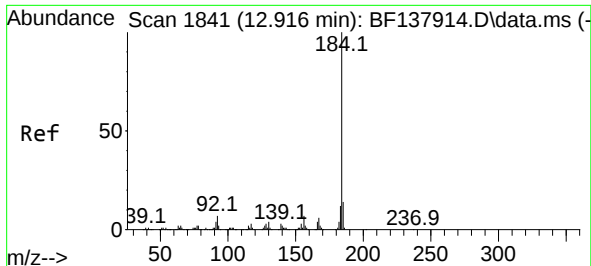
Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

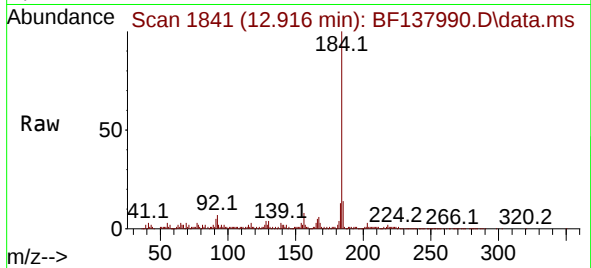
236 26.3 21.0 31.4





#77
Benzidine
Concen: 41.400 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.001 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

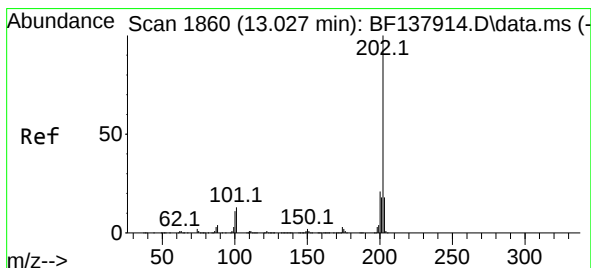
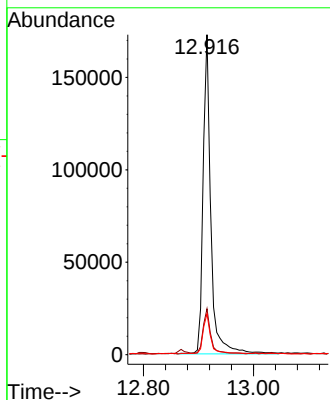
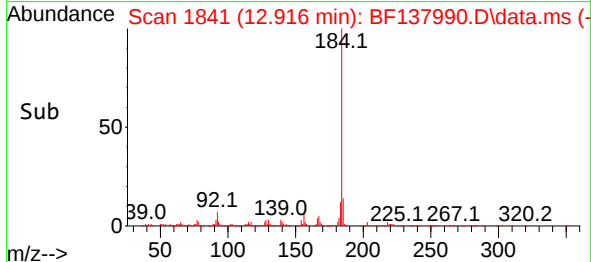
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



Tgt Ion:184 Resp: 169574
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.2
183 12.8 9.5 14.3

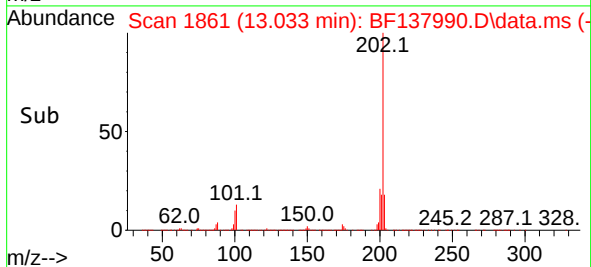
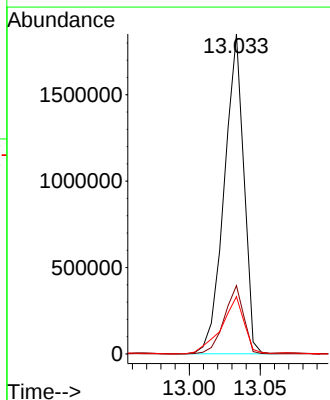
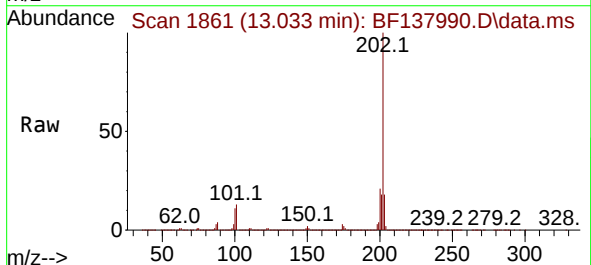
Manual Integrations
APPROVED

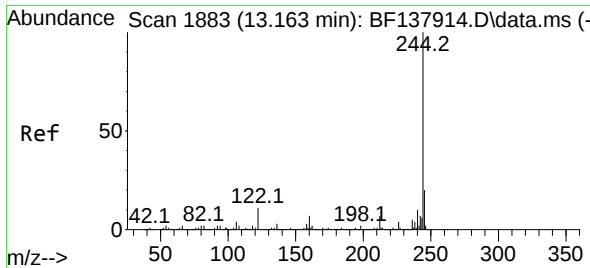
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#78
Pyrene
Concen: 64.683 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

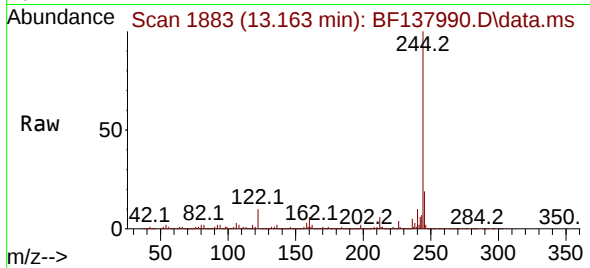
Tgt Ion:202 Resp: 1773134
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.9 14.1 21.1





#79
Terphenyl-d14
Concen: 49.164 ng
RT: 13.163 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

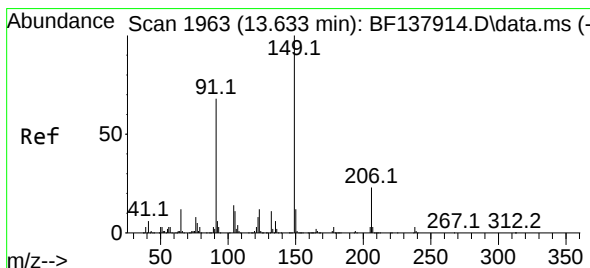
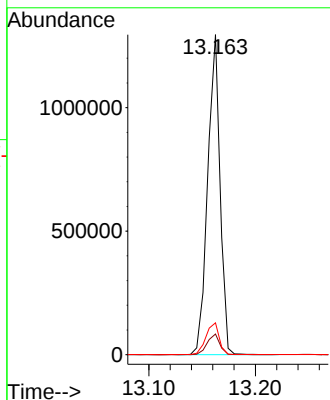
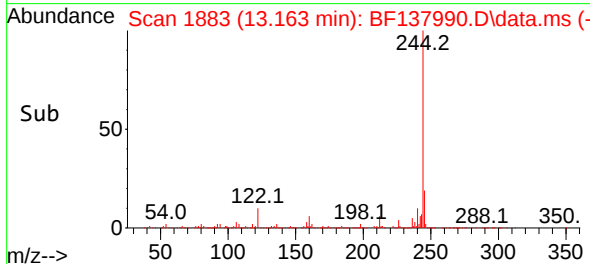
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



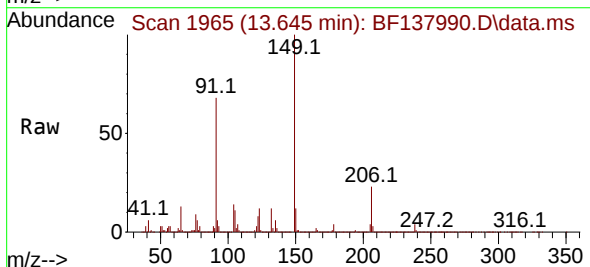
Tgt Ion:244 Resp: 1045518
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 10.0 8.8 13.2

Manual Integrations
APPROVED

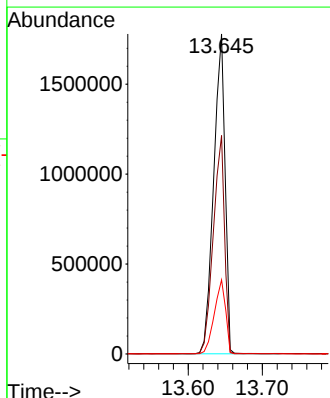
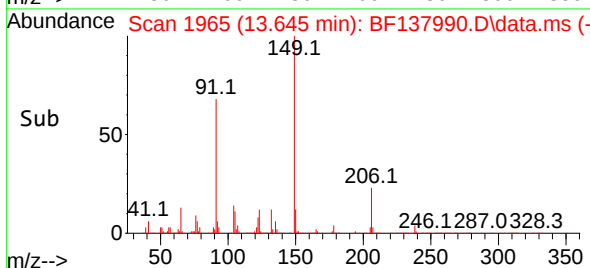
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

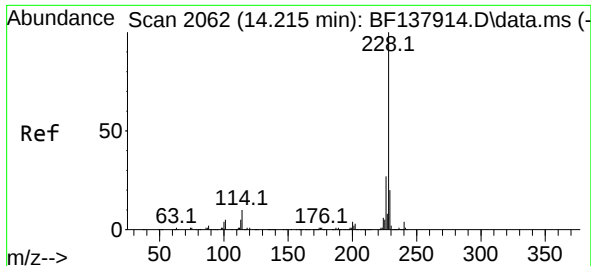


#80
Butylbenzylphthalate
Concen: 229.259 ng
RT: 13.645 min Scan# 1965
Delta R.T. 0.012 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15



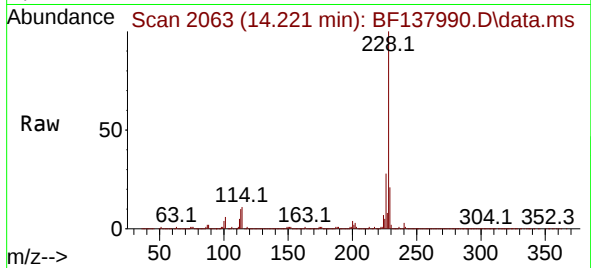
Tgt Ion:149 Resp: 1895617
Ion Ratio Lower Upper
149 100
91 68.2 54.2 81.4
206 23.2 18.1 27.1





#81
Benzo(a)anthracene
Concen: 70.184 ng
RT: 14.221 min Scan# 2062
Delta R.T. 0.006 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

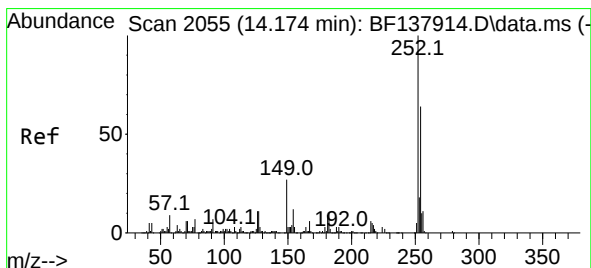
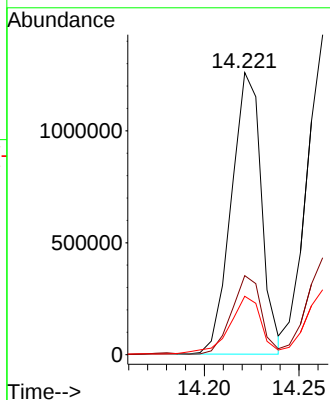
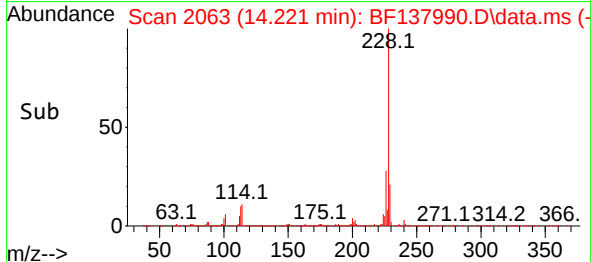
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



Tgt Ion:228 Resp: 1391652
Ion Ratio Lower Upper
228 100
226 28.0 21.3 31.9
229 20.7 15.7 23.5

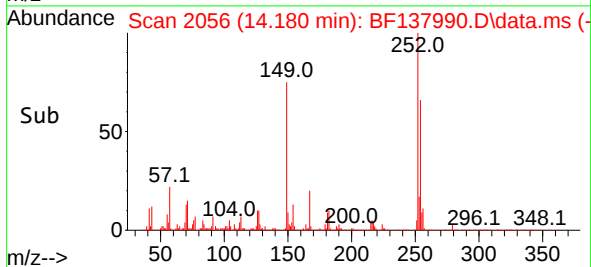
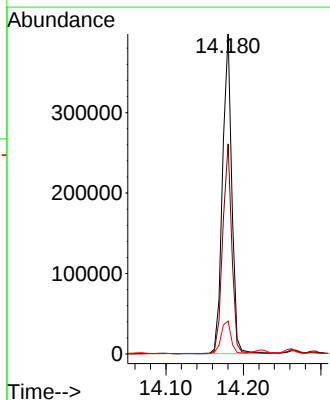
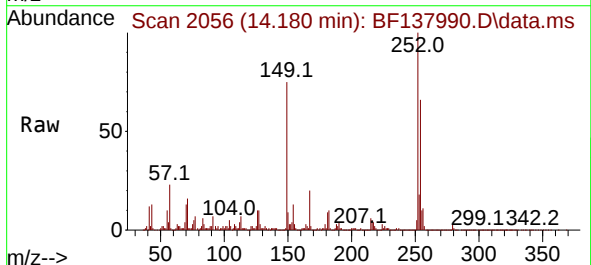
Manual Integrations
APPROVED

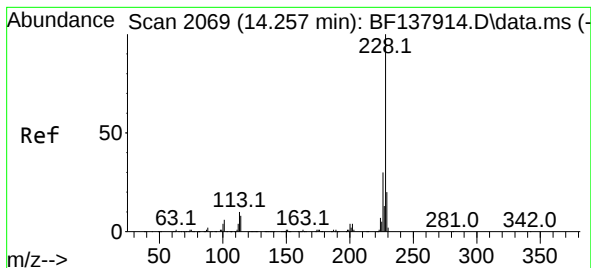
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#82
3,3'-Dichlorobenzidine
Concen: 60.228 ng
RT: 14.180 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

Tgt Ion:252 Resp: 330961
Ion Ratio Lower Upper
252 100
254 65.6 51.2 76.8
126 10.3 8.7 13.1





#83

Chrysene

Concen: 66.918 ng

RT: 14.262 min Scan# 2069

Delta R.T. 0.006 min

Lab File: BF137990.D

Acq: 21 May 2024 21:15

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMSD

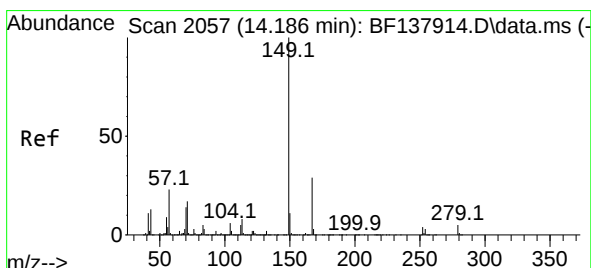
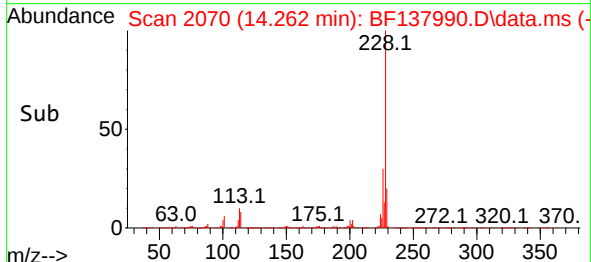
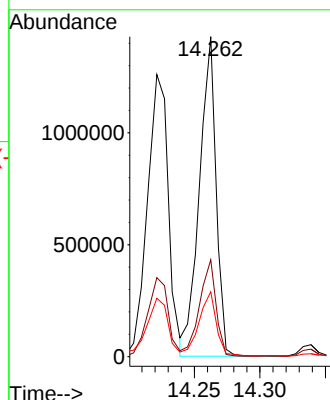
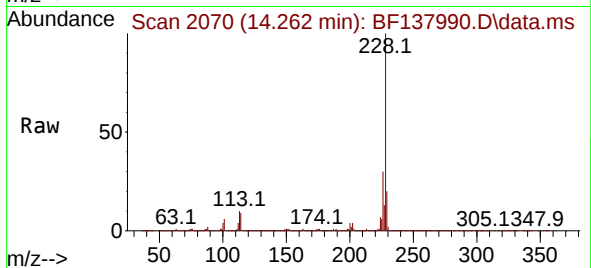
Tgt Ion:228 Resp: 1269015

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.8
229	20.3	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.391 ng

RT: 14.186 min Scan# 2057

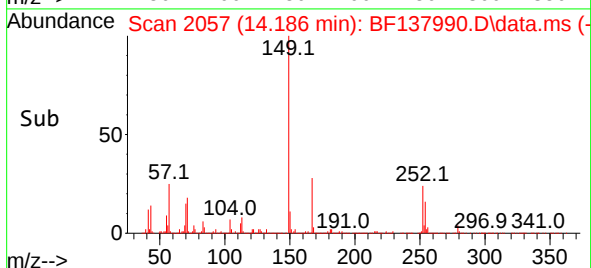
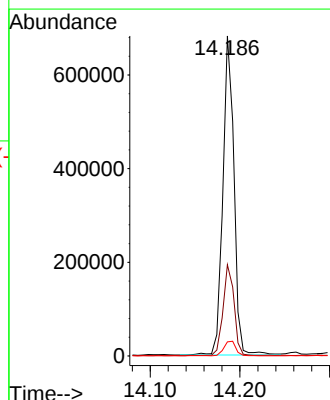
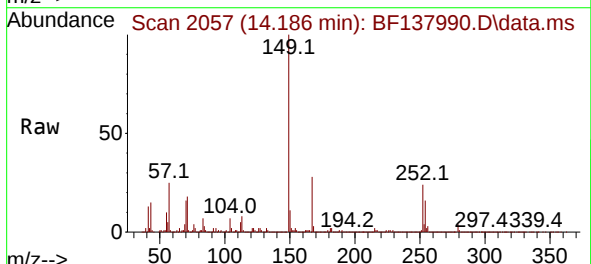
Delta R.T. -0.000 min

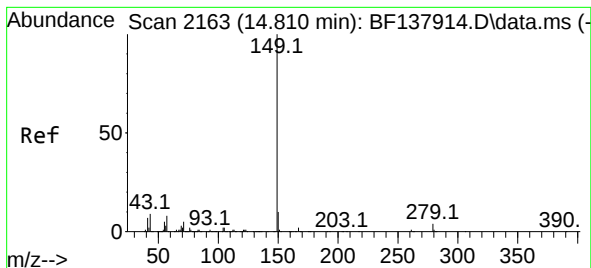
Lab File: BF137990.D

Acq: 21 May 2024 21:15

Tgt Ion:149 Resp: 586126

Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.2	34.8
279	4.4	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 73.670 ng

RT: 14.815 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BF137990.D

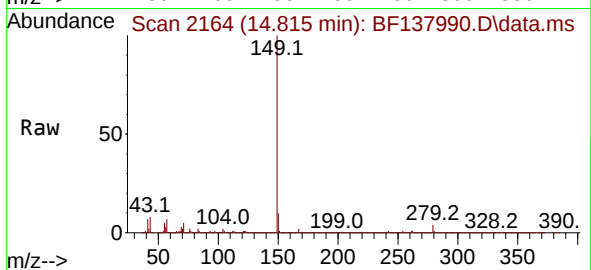
Acq: 21 May 2024 21:15

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMSD



Tgt Ion:149 Resp: 103445

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

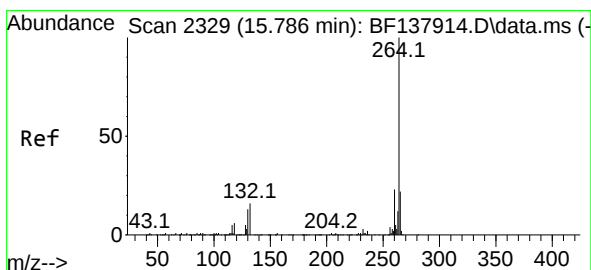
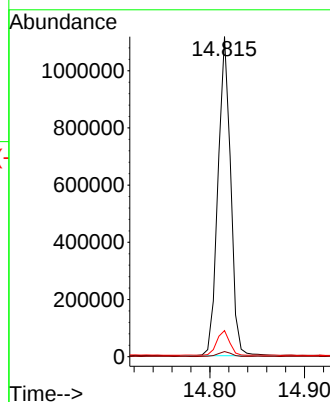
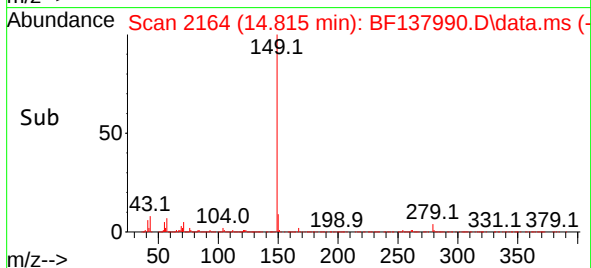
43 7.8 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024

Supervised By :mohammad ahmed 05/24/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.792 min Scan# 2330

Delta R.T. 0.006 min

Lab File: BF137990.D

Acq: 21 May 2024 21:15

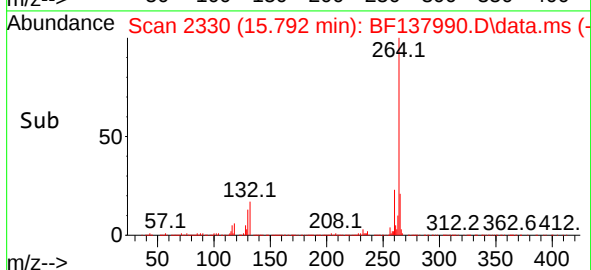
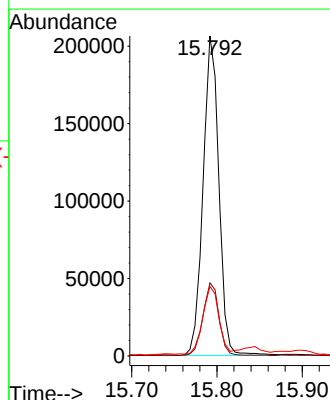
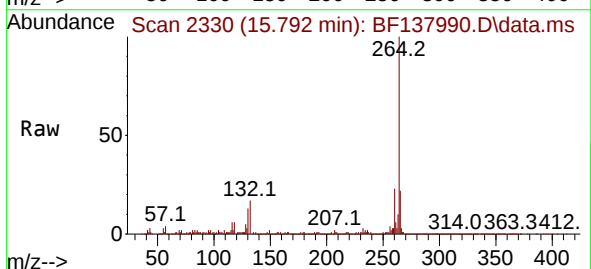
Tgt Ion:264 Resp: 265465

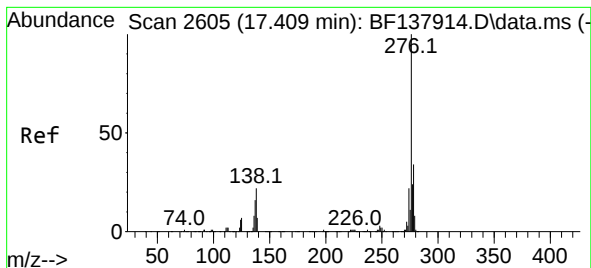
Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

265 21.7 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.372 ng

RT: 17.415 min Scan# 2066

Delta R.T. 0.006 min

Lab File: BF137990.D

Acq: 21 May 2024 21:15

Instrument :

BNA_F

ClientSampleId :

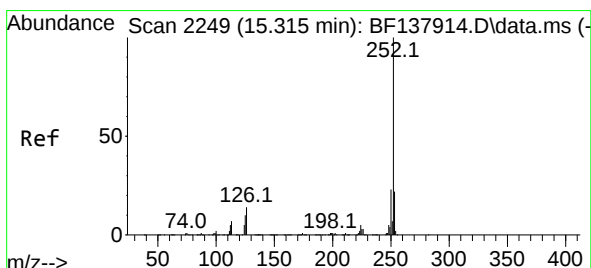
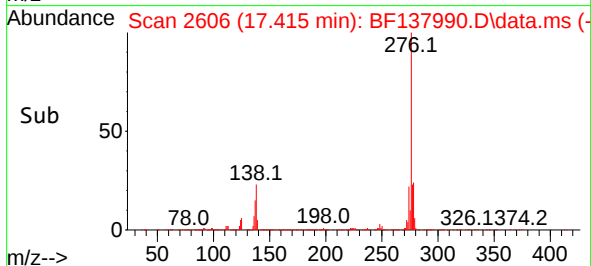
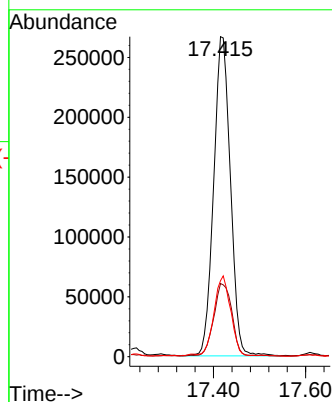
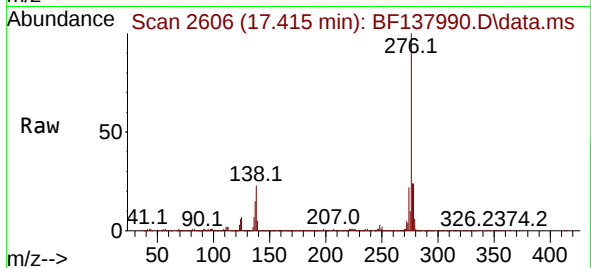
POLE-SLEEVE-SOILMSD

Tgt Ion:	276	Resp:	671500
Ion Ratio	Lower	Upper	
276	100		
138	24.6	20.6	30.8
277	24.6	20.2	30.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#88

Benzo(b)fluoranthene

Concen: 82.228 ng

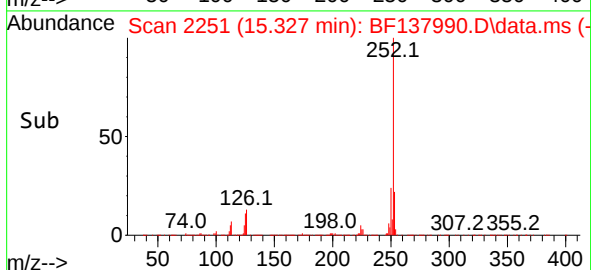
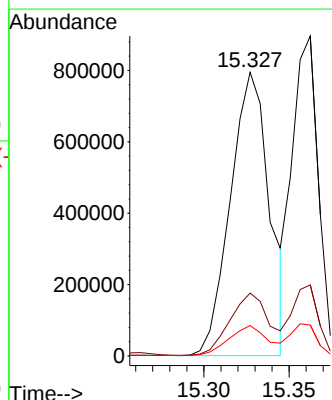
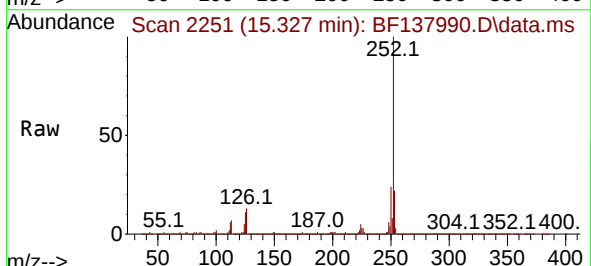
RT: 15.327 min Scan# 2251

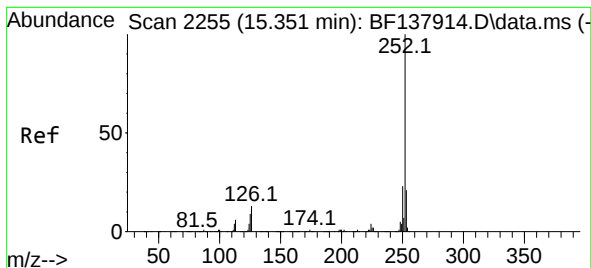
Delta R.T. 0.012 min

Lab File: BF137990.D

Acq: 21 May 2024 21:15

Tgt Ion:	252	Resp:	1263896
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.6	26.4
125	10.7	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 63.195 ng

RT: 15.362 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF137990.D

Acq: 21 May 2024 21:15

Instrument :

BNA_F

ClientSampleId :

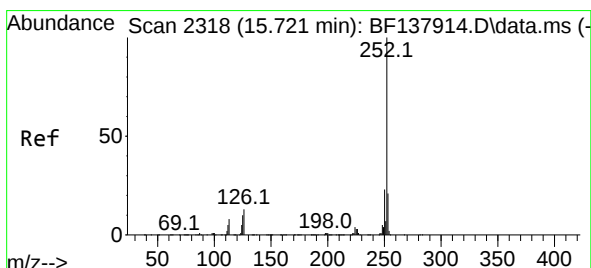
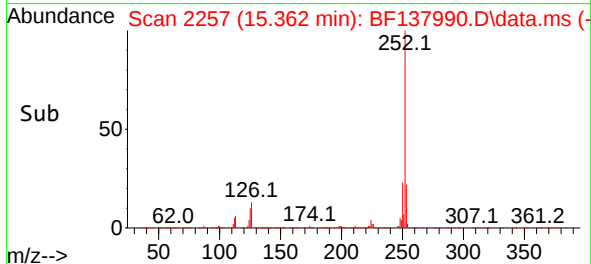
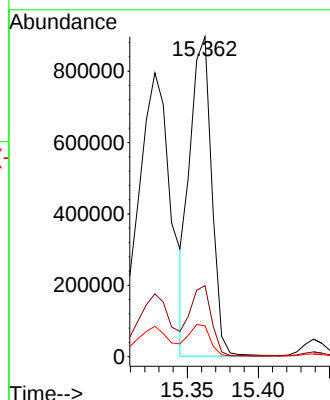
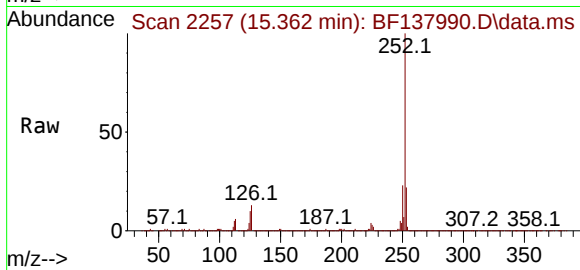
POLE-SLEEVE-SOILMSD

Tgt Ion:252 Resp: 95425
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.4 26.0
 125 9.7 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
 Supervised By :mohammad ahmed 05/24/2024



#90

Benzo(a)pyrene

Concen: 71.030 ng

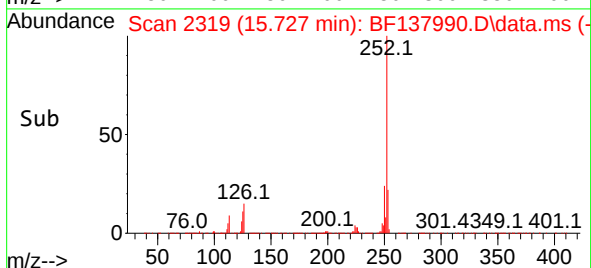
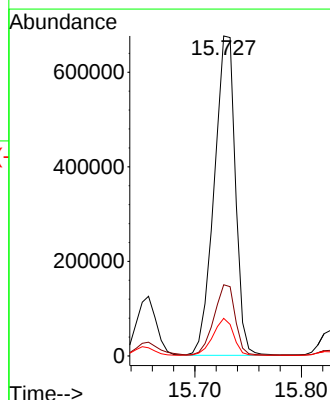
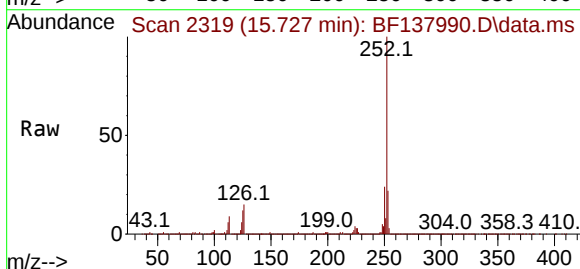
RT: 15.727 min Scan# 2319

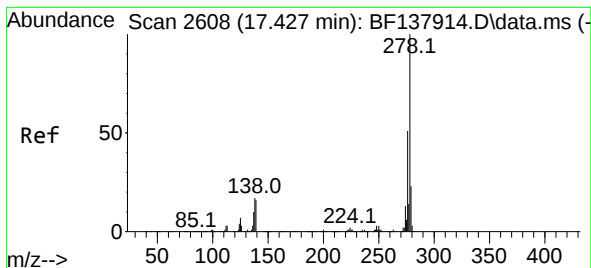
Delta R.T. 0.006 min

Lab File: BF137990.D

Acq: 21 May 2024 21:15

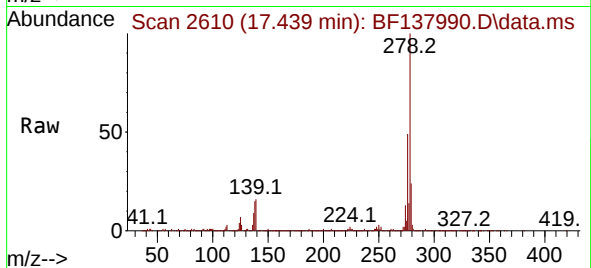
Tgt Ion:252 Resp: 932270
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.0 25.6
 125 11.8 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 34.013 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.012 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

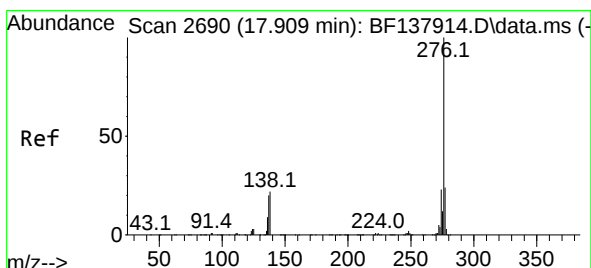
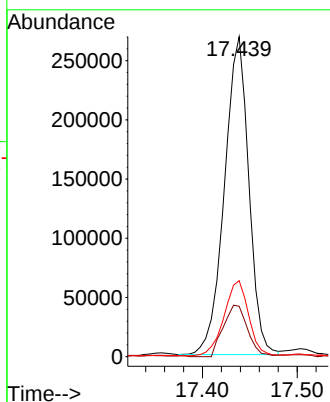
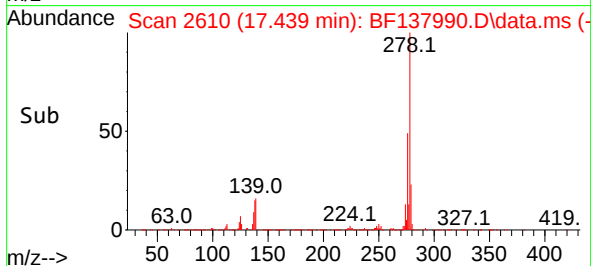
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD



Tgt Ion:278 Resp: 47929
Ion Ratio Lower Upper
278 100
139 15.8 13.1 19.7
279 23.8 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#92
Benzo(g,h,i)perylene
Concen: 35.995 ng
RT: 17.915 min Scan# 2691
Delta R.T. 0.006 min
Lab File: BF137990.D
Acq: 21 May 2024 21:15

Tgt Ion:276 Resp: 532835
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 20.6 17.6 26.4

