

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110124\
 Data File : BF140210.D
 Acq On : 01 Nov 2024 14:53
 Operator : RC/JU
 Sample : P4663-08MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RES-BUILDING-PAD-NO-2MSD

Quant Time: Nov 01 15:22:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	103190	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	410116	20.000	ng	-0.01
39) Acenaphthene-d10	9.927	164	235405	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	418261	20.000	ng	0.00
76) Chrysene-d12	14.074	240	199568	20.000	ng	0.02
86) Perylene-d12	15.568	264	218473	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	719985	109.228	ng	0.01
7) Phenol-d6	6.510	99	944685	110.656	ng	0.00
23) Nitrobenzene-d5	7.445	82	639376	86.406	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	263991	119.892	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1149538	80.705	ng	0.00
79) Terphenyl-d14	13.010	244	1161598	94.845	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.751	88	130135	42.344	ng	100
3) Pyridine	3.498	79	326485	42.858	ng	96
4) n-Nitrosodimethylamine	3.457	42	202155	49.392	ng	# 93
6) Aniline	6.545	93	340681	42.818	ng	97
8) 2-Chlorophenol	6.669	128	364924	54.155	ng	99
9) Benzaldehyde	6.434	77	62888	13.095	ng	98
10) Phenol	6.528	94	468692m	53.252	ng	
11) bis(2-Chloroethyl)ether	6.622	93	359602	52.861	ng	99
12) 1,3-Dichlorobenzene	6.828	146	389641	50.372	ng	100
13) 1,4-Dichlorobenzene	6.904	146	390095	50.478	ng	99
14) 1,2-Dichlorobenzene	7.051	146	376768	52.237	ng	100
15) Benzyl Alcohol	7.022	79	350314	55.940	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	640758	55.239	ng	99
17) 2-Methylphenol	7.134	107	309878	53.930	ng	97
18) Hexachloroethane	7.398	117	145267	52.712	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	272567	52.642	ng	98
20) 3+4-Methylphenols	7.286	107	378702	51.527	ng	# 78
22) Acetophenone	7.292	105	508774	50.649	ng	96
24) Nitrobenzene	7.463	77	422112	52.029	ng	98
25) Isophorone	7.704	82	759137	54.052	ng	99
26) 2-Nitrophenol	7.781	139	196295	64.135	ng	99
27) 2,4-Dimethylphenol	7.816	122	304549	59.675	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	446725	52.499	ng	99
29) 2,4-Dichlorophenol	8.022	162	310070	53.341	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	322741	50.176	ng	98
31) Naphthalene	8.186	128	1080096	51.065	ng	100
32) Benzoic acid	7.934	122	228012	51.225	ng	99
33) 4-Chloroaniline	8.233	127	162045	22.468	ng	100
34) Hexachlorobutadiene	8.304	225	207187	51.266	ng	100
35) Caprolactam	8.610	113	98252m	53.157	ng	
36) 4-Chloro-3-methylphenol	8.716	107	355329	55.204	ng	100
37) 2-Methylnaphthalene	8.880	142	689267	53.209	ng	99
38) 1-Methylnaphthalene	8.980	142	643338	50.620	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	331042	52.126	ng	99
41) Hexachlorocyclopentadiene	9.033	237	367664	166.379	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	243379	54.128	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	242814	52.342	ng	98
46) 1,1'-Biphenyl	9.345	154	838242	51.151	ng	99
47) 2-Chloronaphthalene	9.369	162	660337	50.030	ng	98
48) 2-Nitroaniline	9.469	65	248096	61.459	ng	97
49) Acenaphthylene	9.792	152	1045948	54.815	ng	99
50) Dimethylphthalate	9.651	163	801824	54.684	ng	99
51) 2,6-Dinitrotoluene	9.710	165	178745	56.301	ng	97
52) Acenaphthene	9.963	154	726773	58.878	ng	99
53) 3-Nitroaniline	9.880	138	119203	36.409	ng	99
54) 2,4-Dinitrophenol	9.992	184	178200	130.600	ng	# 1
55) Dibenzofuran	10.133	168	919611	51.925	ng	99
56) 4-Nitrophenol	10.045	139	285108	113.189	ng	93
57) 2,4-Dinitrotoluene	10.122	165	242431	62.095	ng	95
58) Fluorene	10.480	166	718120	53.237	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	198605	54.612	ng	99
60) Diethylphthalate	10.357	149	789983	54.872	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	359820	52.821	ng	98
62) 4-Nitroaniline	10.504	138	175527	56.765	ng	96
63) Azobenzene	10.633	77	941124	61.661	ng	96
65) 4,6-Dinitro-2-methylph...	10.527	198	125776	73.723	ng	98
66) n-Nitrosodiphenylamine	10.592	169	665221	53.139	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	229535	53.270	ng	99
68) Hexachlorobenzene	11.027	284	246586	50.884	ng	96
69) Atrazine	11.122	200	213598	62.988	ng	100
70) Pentachlorophenol	11.227	266	302344	102.800	ng	99
71) Phenanthrene	11.445	178	1041649	52.723	ng	100
72) Anthracene	11.498	178	1056998	54.834	ng	100
73) Carbazole	11.651	167	921781	51.417	ng	99
74) Di-n-butylphthalate	11.980	149	1186133	57.267	ng	99
75) Fluoranthene	12.639	202	1032334	51.687	ng	99
77) Benzidine	12.763	184	336803	102.635	ng	99
78) Pyrene	12.868	202	1012412	57.955	ng	100
80) Butylbenzylphthalate	13.492	149	430637	82.227	ng	100
81) Benzo(a)anthracene	14.063	228	706811	54.407	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	177573	46.880	ng	100
83) Chrysene	14.098	228	662888	55.652	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	533105	90.728	ng	99
85) Di-n-octyl phthalate	14.668	149	758803	70.999	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	741236	52.739	ng	98
88) Benzo(b)fluoranthene	15.127	252	689931	51.842	ng	99
89) Benzo(k)fluoranthene	15.162	252	598776	52.170	ng	99
90) Benzo(a)pyrene	15.504	252	631809	57.696	ng	100
91) Dibenzo(a,h)anthracene	17.121	278	609721	52.002	ng	98
92) Benzo(g,h,i)perylene	17.562	276	533692	45.569	ng	98

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

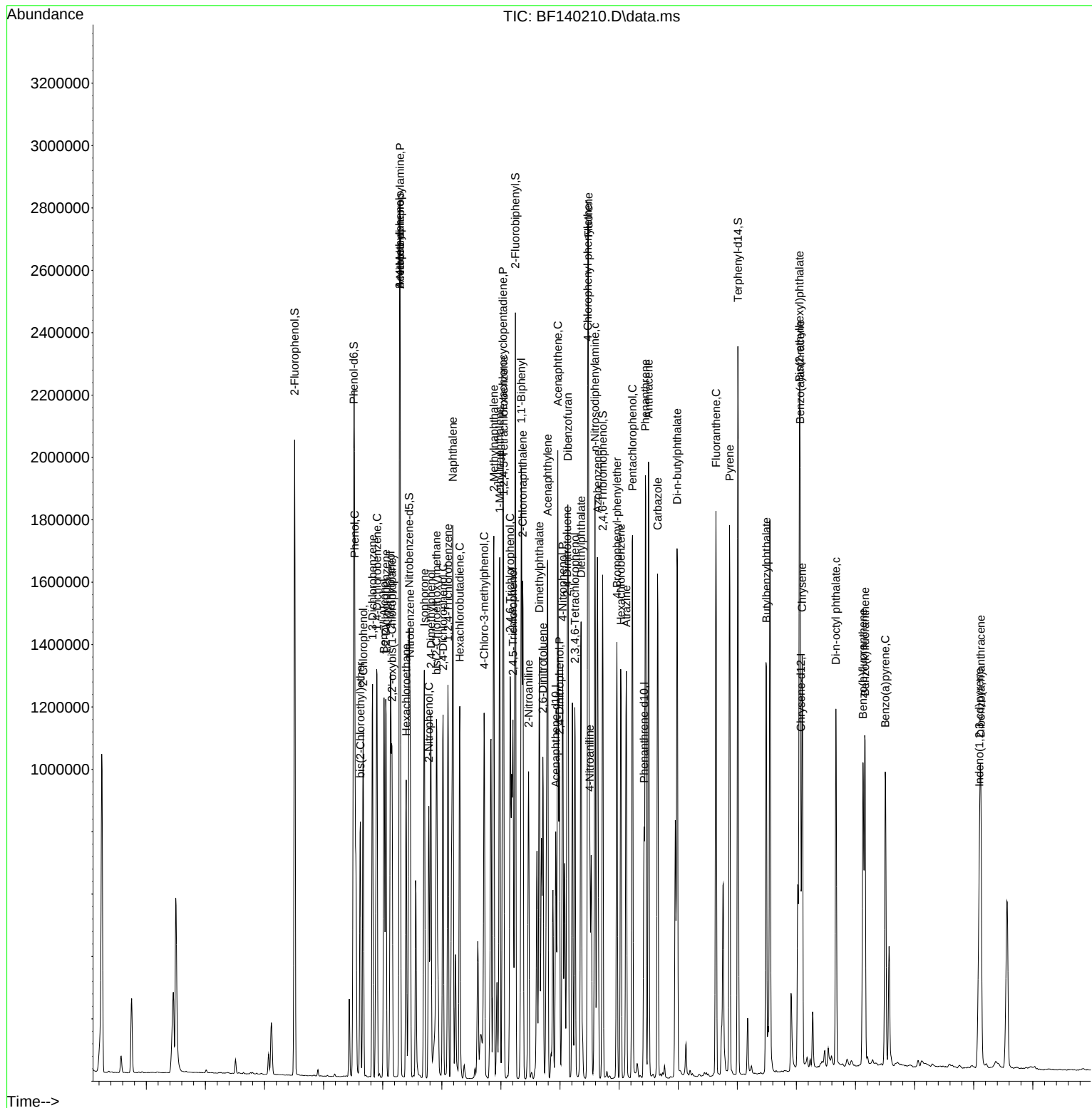
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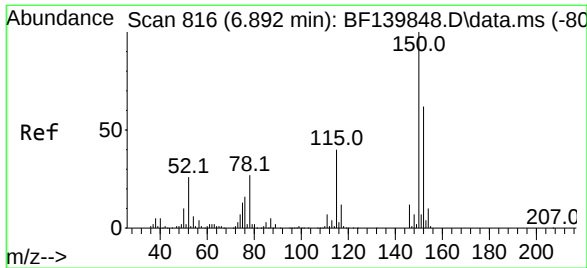
Instrument :
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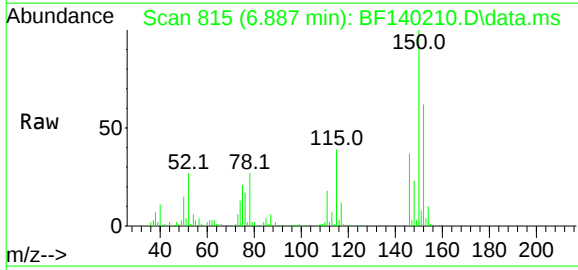
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

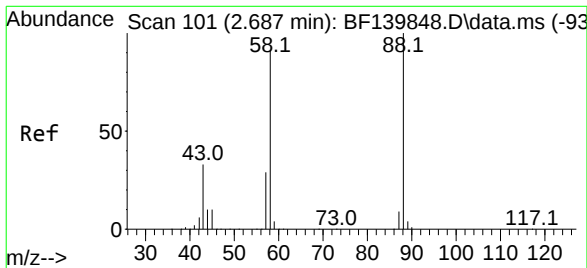
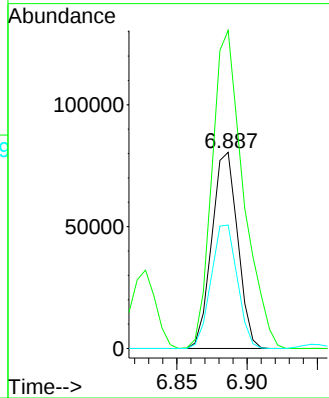
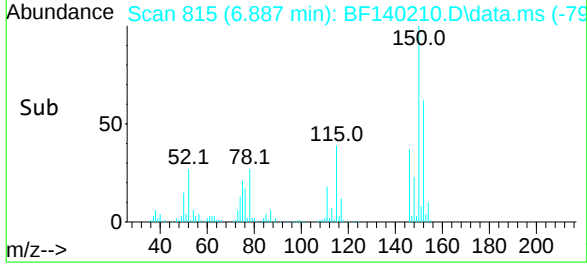
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD



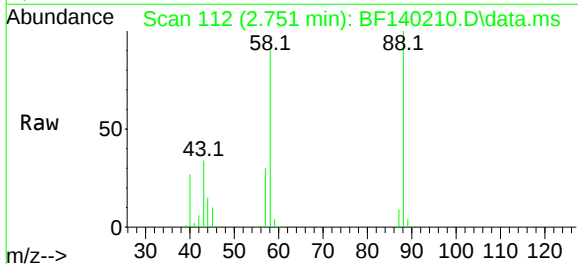
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Ion Ratio Lower Upper
152 100
150 162.1 130.2 195.2
115 62.9 51.4 77.2

Manual Integrations
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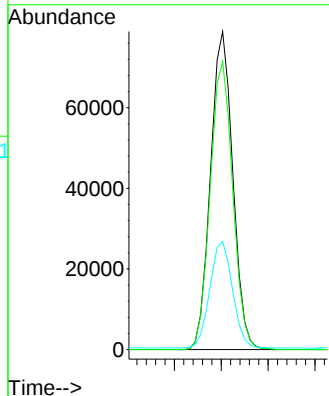
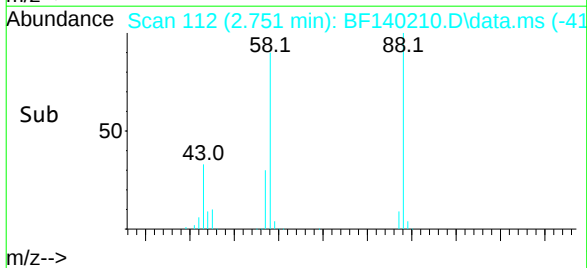
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

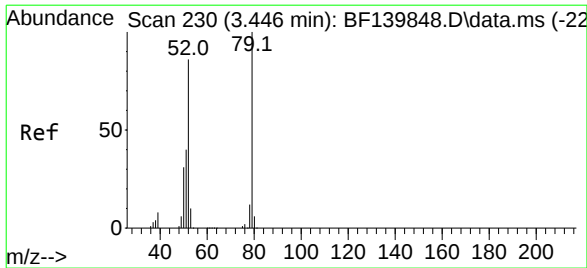


#2
1,4-Dioxane
Concen: 42.344 ng
RT: 2.751 min Scan# 112
Delta R.T. 0.065 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53



Tgt Ion: 88 Resp: 130135
Ion Ratio Lower Upper
88 100
58 91.7 73.3 109.9
43 34.4 27.1 40.7





Pyridine

Concen: 42.858 ng

RT: 3.498 min Scan# 231

Delta R.T. 0.053 min

Lab File: BF140210.D

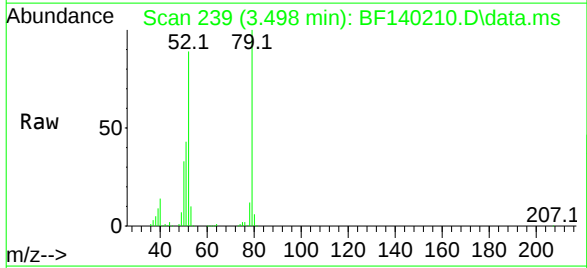
Acq: 01 Nov 2024 14:53

Instrument :

BNA_F

ClientSampleId :

RES-BUILDING-PAD-NO-2MSD



Tgt Ion: 79 Resp: 326485

Ion Ratio Lower Upper

79 100

52 89.0 68.5 102.7

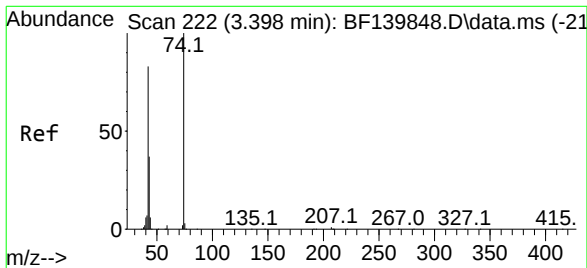
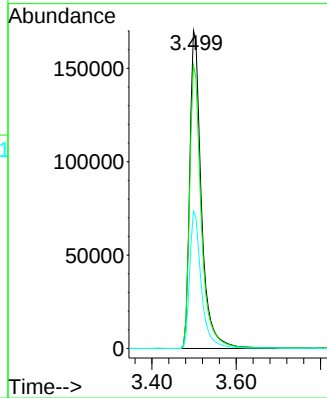
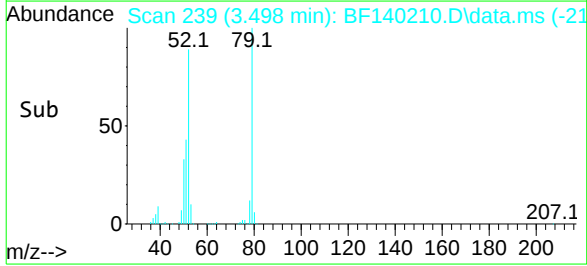
51 43.2 32.3 48.5

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 49.392 ng

RT: 3.457 min Scan# 232

Delta R.T. 0.059 min

Lab File: BF140210.D

Acq: 01 Nov 2024 14:53

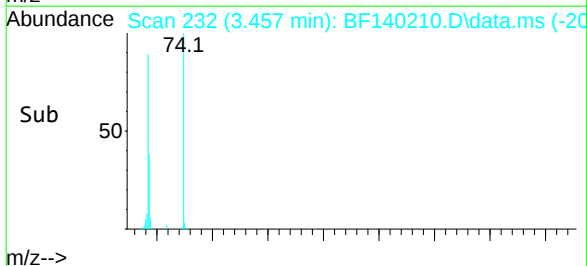
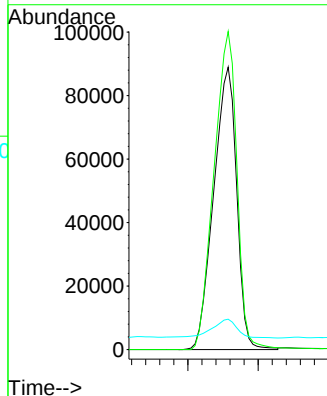
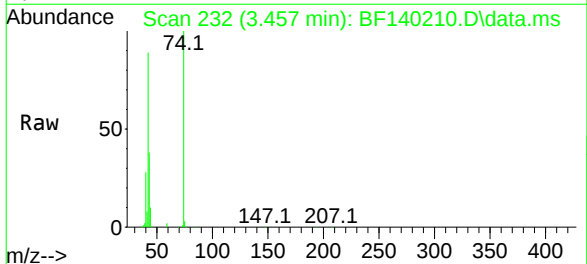
Tgt Ion: 42 Resp: 202155

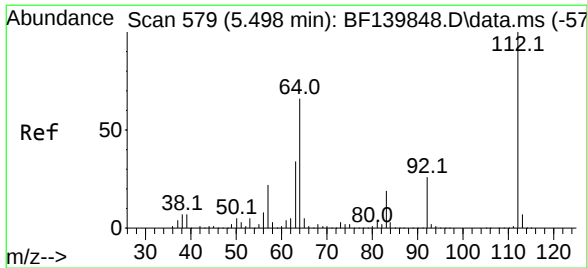
Ion Ratio Lower Upper

42 100

74 112.6 96.2 144.4

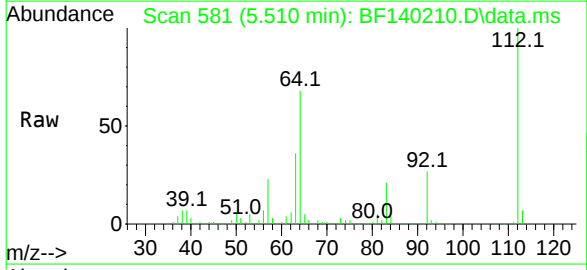
44 10.8 6.2 9.2#





#5
2-Fluorophenol
Concen: 109.228 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

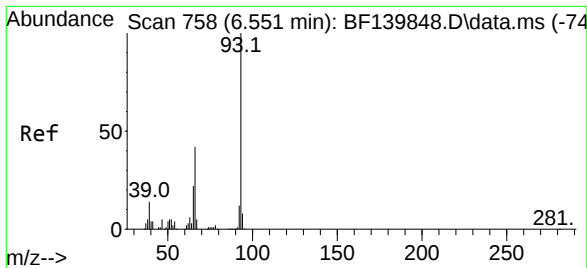
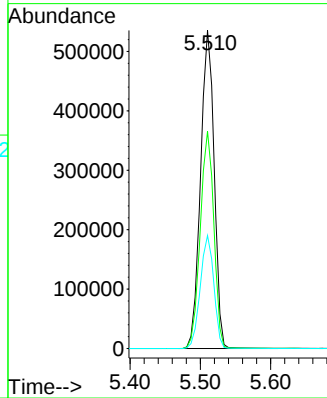
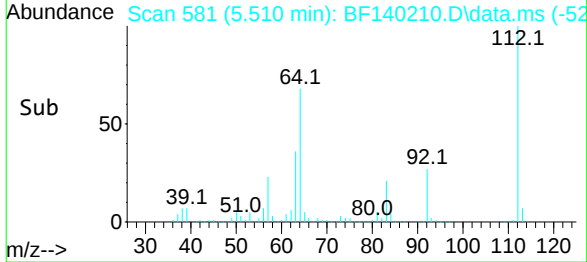
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD



Tgt Ion: 112 Resp: 719985
Ion Ratio Lower Upper
112 100
64 68.3 53.0 79.6
63 35.5 27.0 40.4

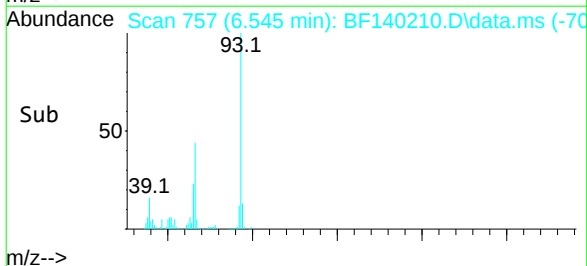
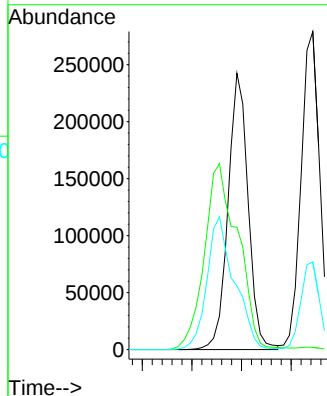
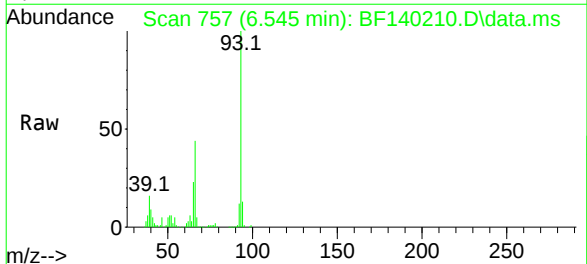
Manual Integrations
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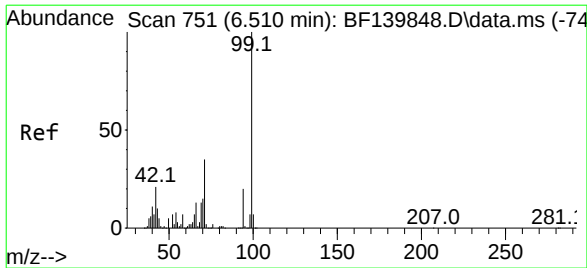
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#6
Aniline
Concen: 42.818 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

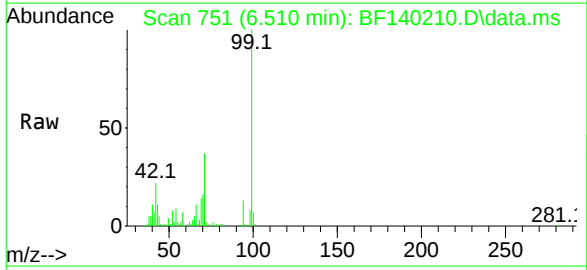
Tgt Ion: 93 Resp: 340681
Ion Ratio Lower Upper
93 100
66 44.3 34.0 51.0
65 23.1 17.4 26.0





#7
Phenol-d6
Concen: 110.656 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

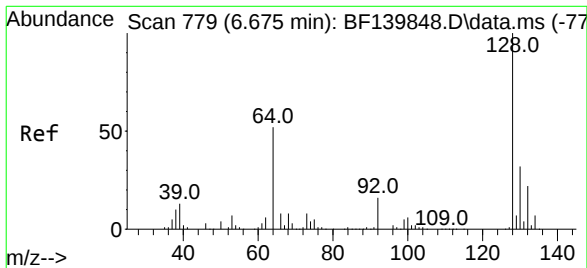
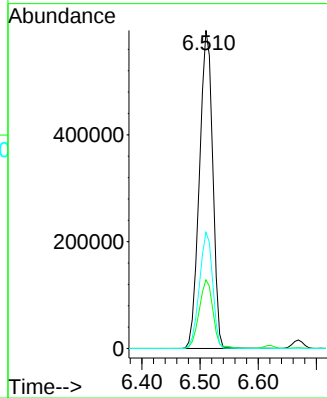
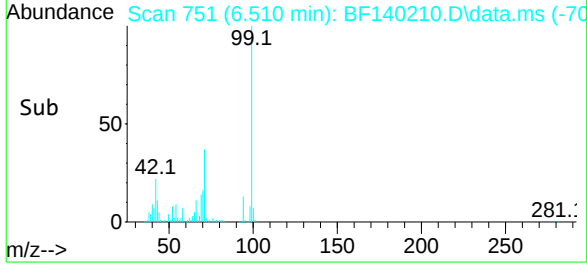
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Tgt Ion: 99 Resp: 944685
Ion Ratio Lower Upper
99 100
42 21.6 16.7 25.1
71 36.5 27.7 41.5

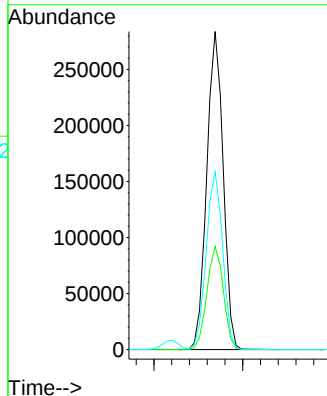
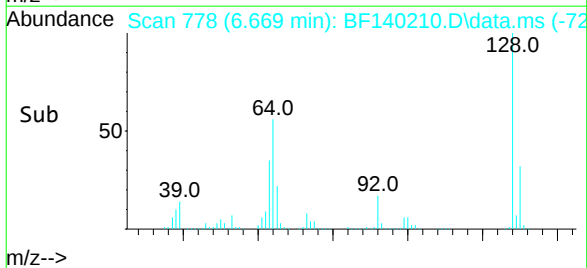
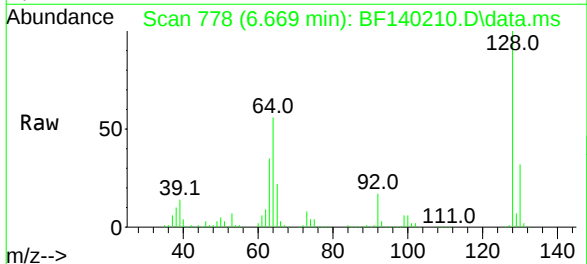
Manual Integrations
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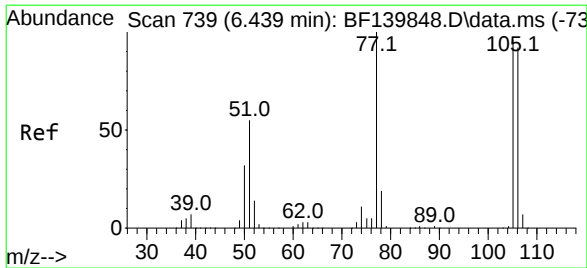
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#8
2-Chlorophenol
Concen: 54.155 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Tgt Ion:128 Resp: 364924
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 55.9 34.6 74.6





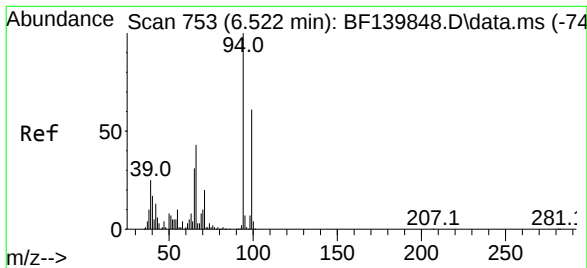
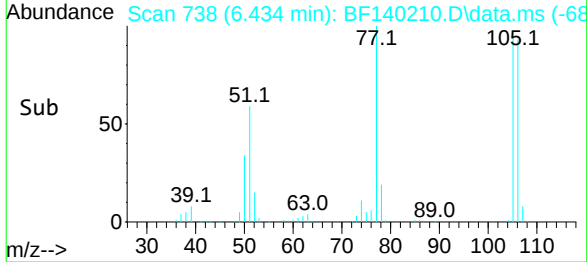
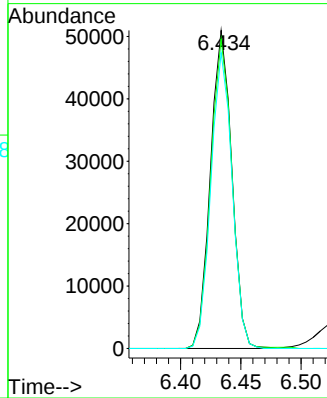
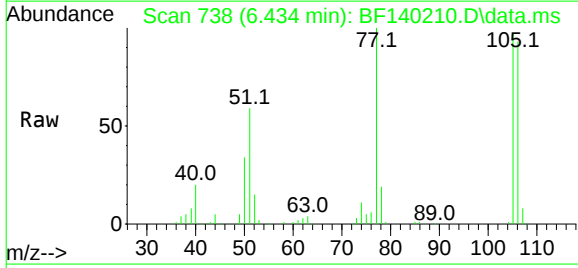
#9
Benzaldehyde
Concen: 13.095 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.005 min
Lab File: BF140210.D
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ClientSampleId :
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Tgt Ion: 77 Resp: 62888
Ion Ratio Lower Upper
77 100
105 97.3 75.5 115.5
106 93.0 71.7 111.7

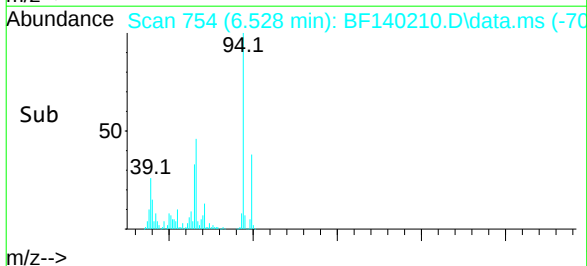
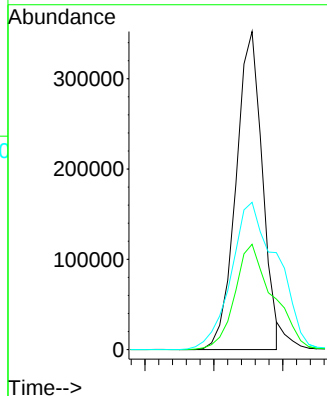
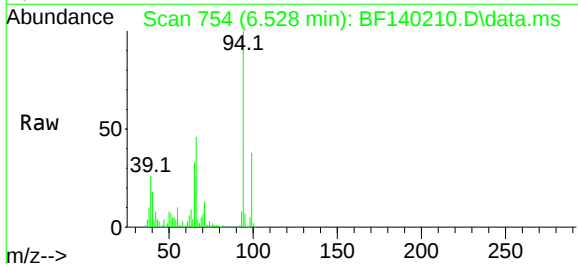
Manual Integrations
APPROVED

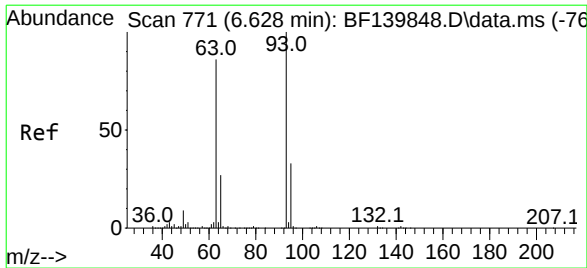
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#10
Phenol
Concen: 53.252 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

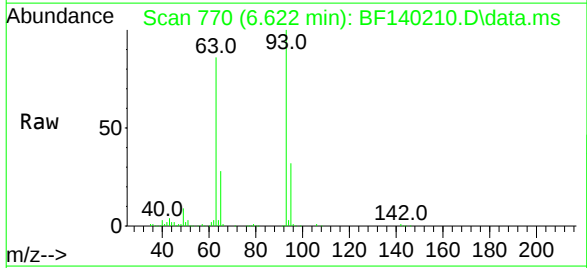
Tgt Ion: 94 Resp: 468692
Ion Ratio Lower Upper
94 100
65 33.1 11.1 51.1
66 46.3 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 52.861 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

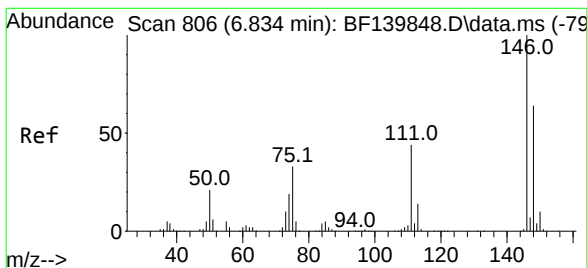
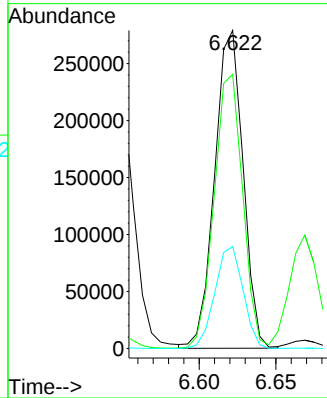
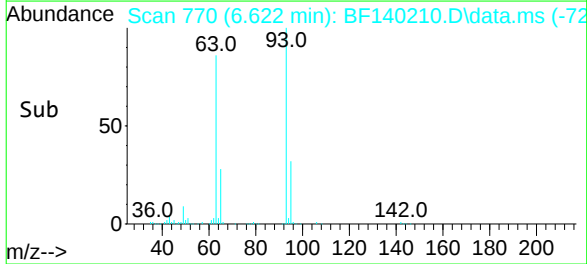
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD



Tgt Ion: 93 Resp: 359602
Ion Ratio Lower Upper
93 100
63 86.2 65.0 105.0
95 32.1 12.4 52.4

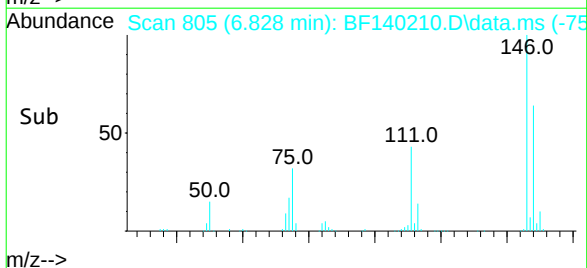
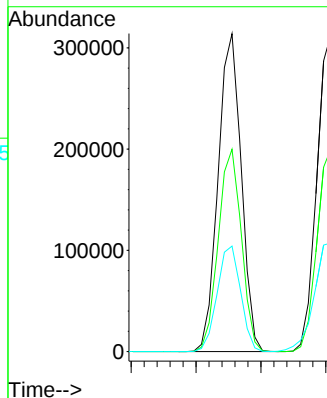
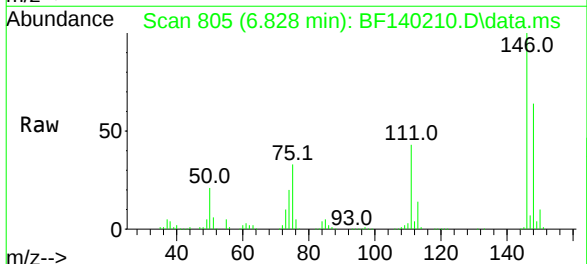
Manual Integrations
APPROVED

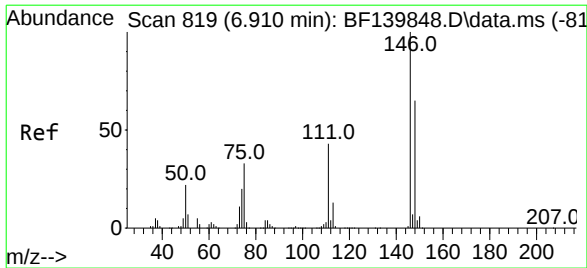
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#12
1,3-Dichlorobenzene
Concen: 50.372 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Tgt Ion:146 Resp: 389641
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 33.2 26.4 39.6





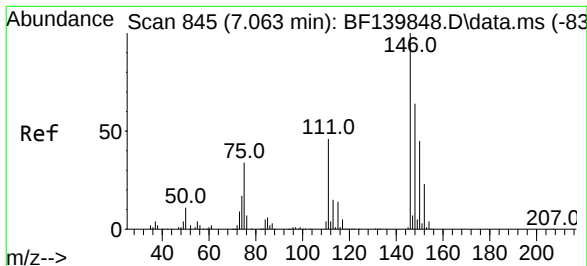
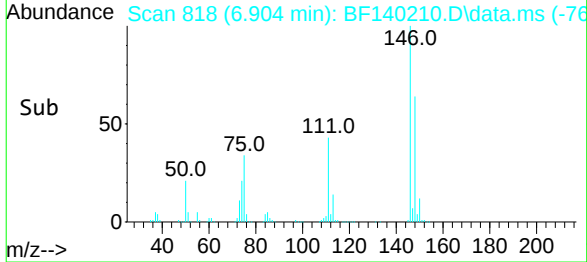
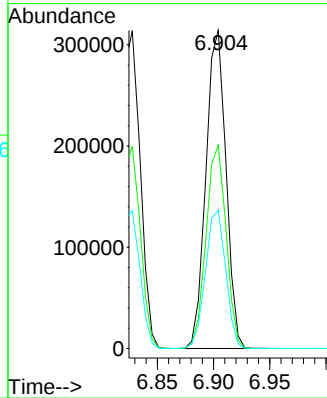
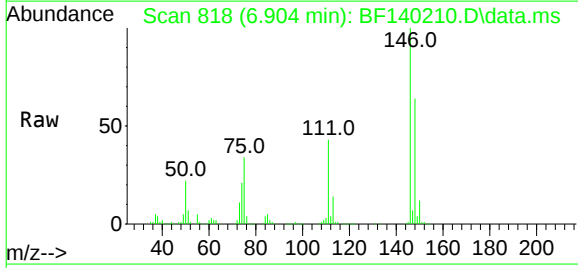
#13
1,4-Dichlorobenzene
Concen: 50.478 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD

Tgt Ion:146 Resp: 390095
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
111 43.5 34.6 51.8

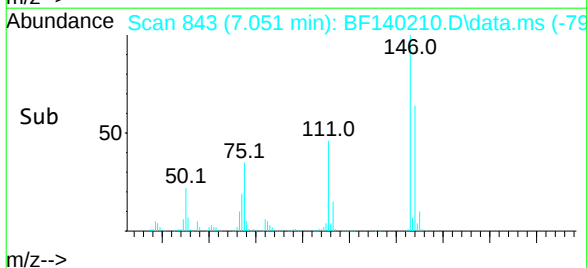
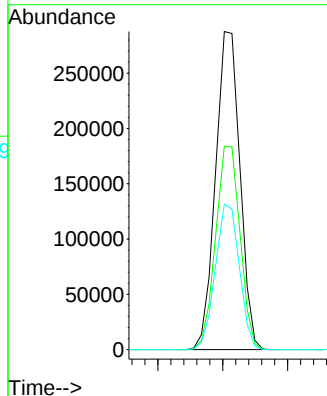
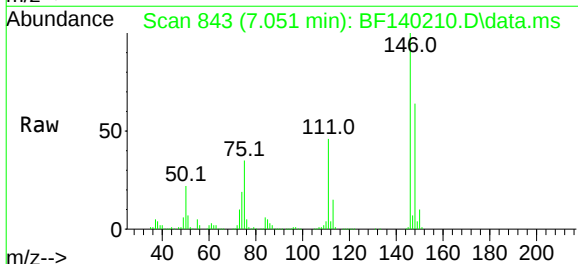
Manual Integrations
APPROVED

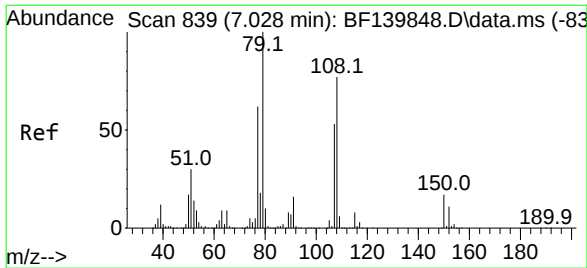
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#14
1,2-Dichlorobenzene
Concen: 52.237 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Tgt Ion:146 Resp: 376768
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
111 45.7 36.7 55.1





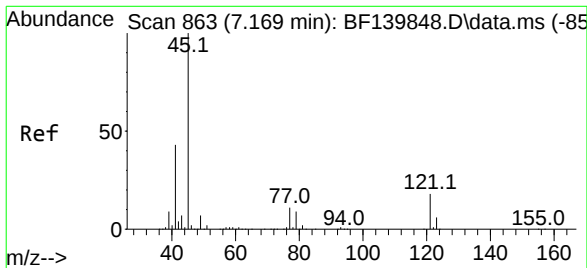
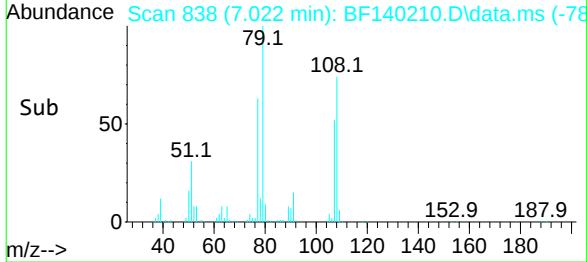
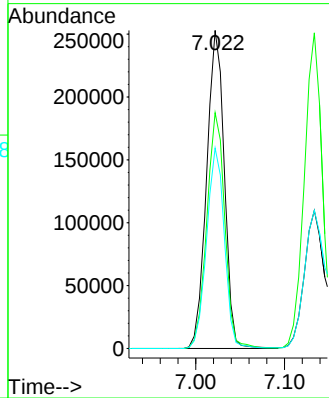
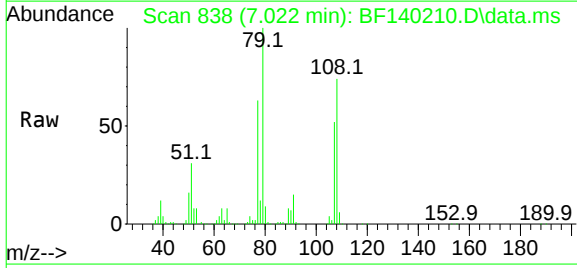
#15
Benzyl Alcohol
Concen: 55.940 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD

Tgt Ion: 79 Resp: 350314
Ion Ratio Lower Upper
79 100
108 74.1 61.4 92.0
77 63.0 49.9 74.9

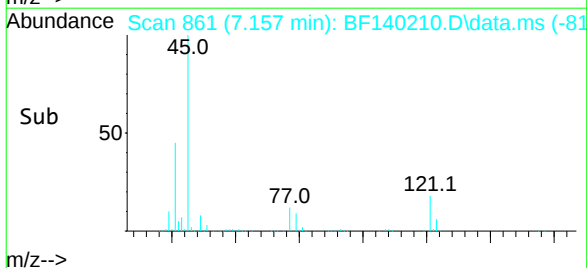
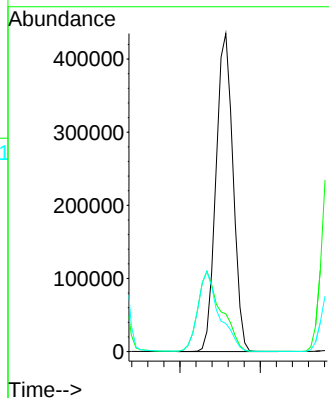
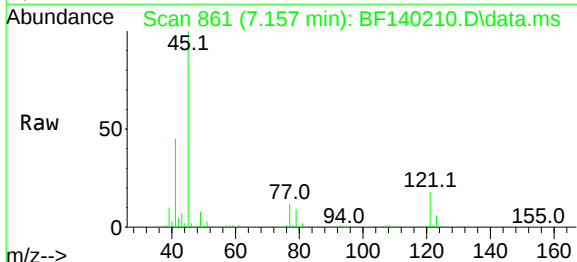
Manual Integrations
APPROVED

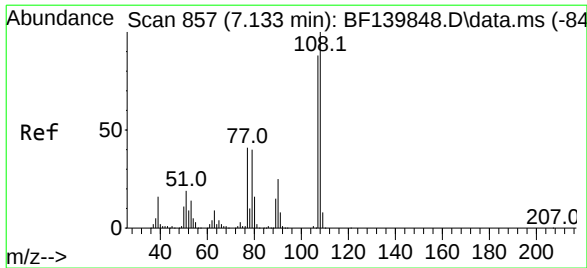
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.239 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

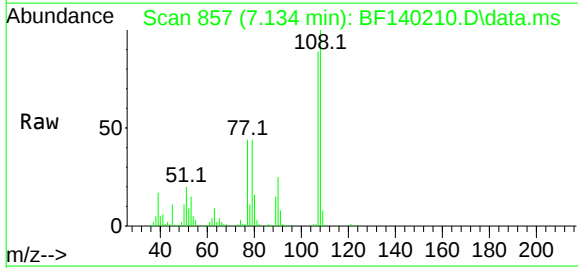
Tgt Ion: 45 Resp: 640758
Ion Ratio Lower Upper
45 100
77 11.8 0.0 31.5
79 8.8 0.0 29.1





#17
2-Methylphenol
Concen: 53.930 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

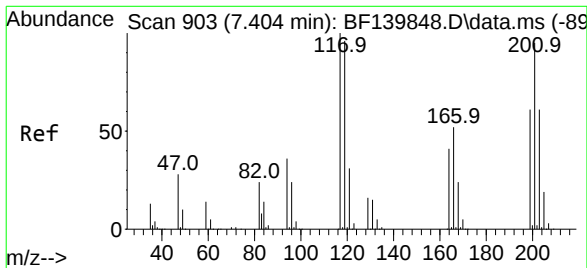
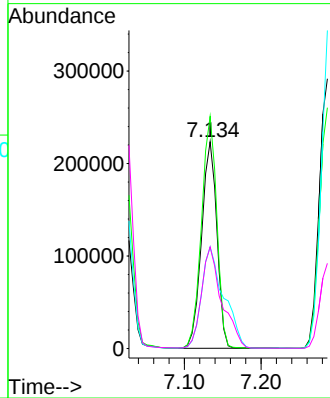
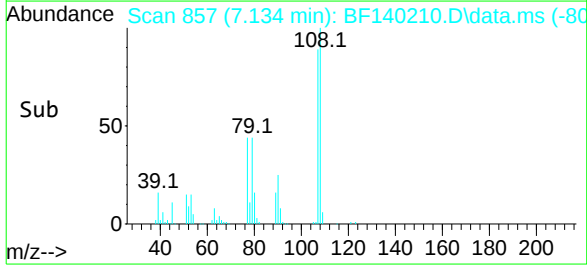
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD



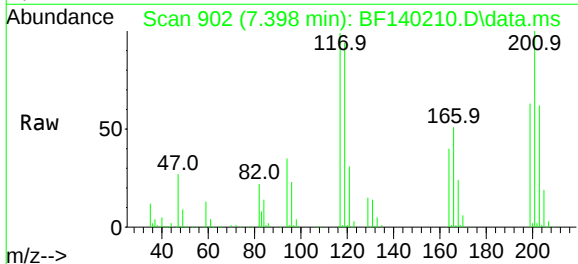
Tgt Ion:107 Resp: 309878
Ion Ratio Lower Upper
107 100
108 112.2 91.3 136.9
77 49.1 37.1 55.7
79 49.1 37.0 55.6

Manual Integrations
APPROVED

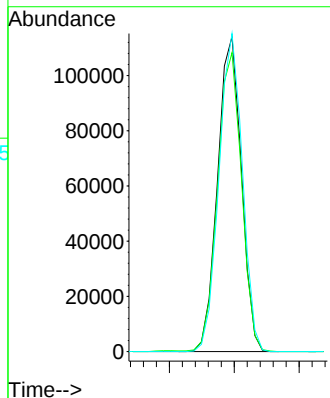
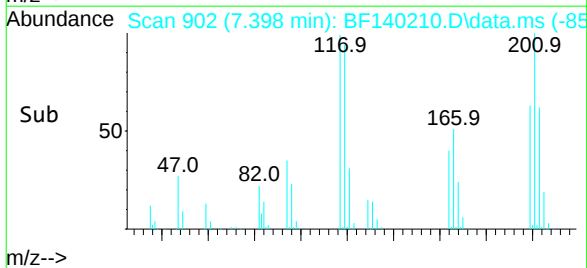
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

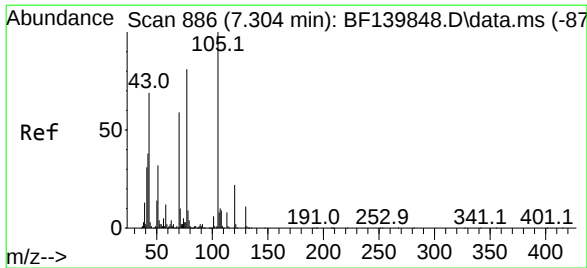


#18
Hexachloroethane
Concen: 52.712 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53



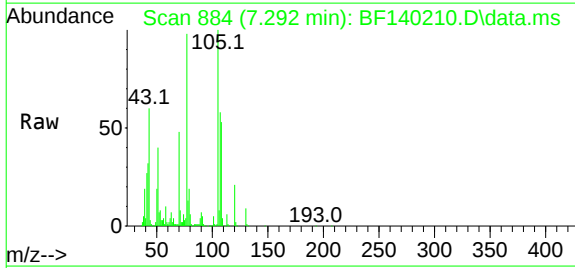
Tgt Ion:117 Resp: 145267
Ion Ratio Lower Upper
117 100
119 94.9 77.0 115.4
201 101.0 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 52.642 ng
RT: 7.292 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

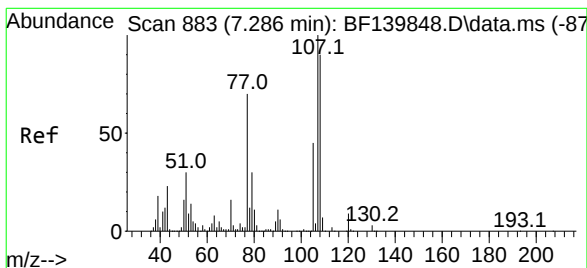
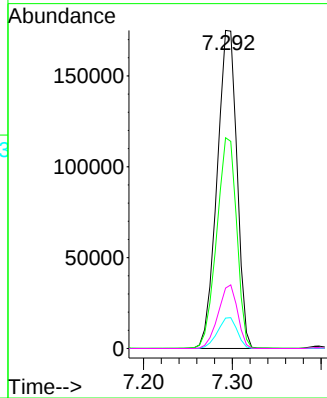
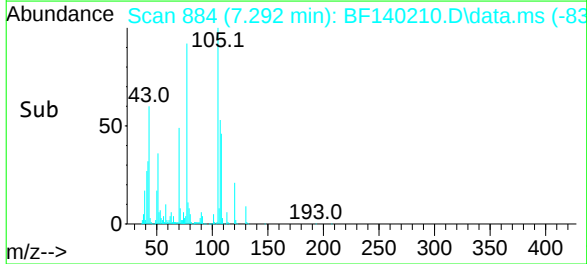
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD



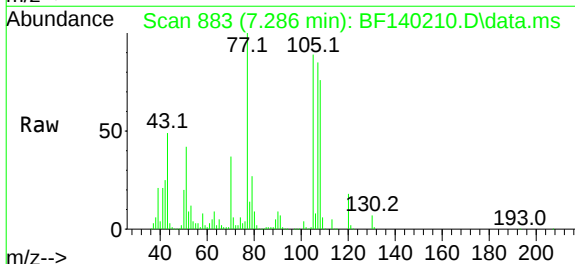
Tgt Ion: 70 Resp: 272567
Ion Ratio Lower Upper
70 100
42 66.3 51.5 77.3
101 9.6 7.5 11.3
130 19.0 15.5 23.3

Manual Integrations
APPROVED

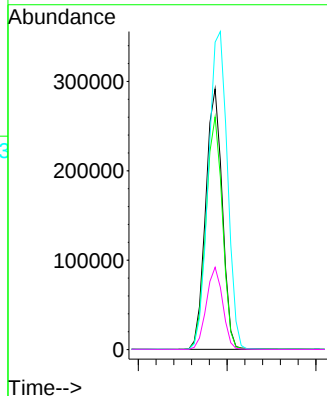
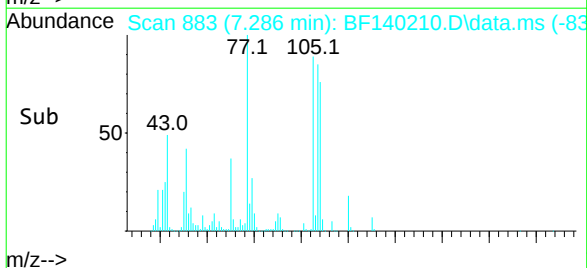
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

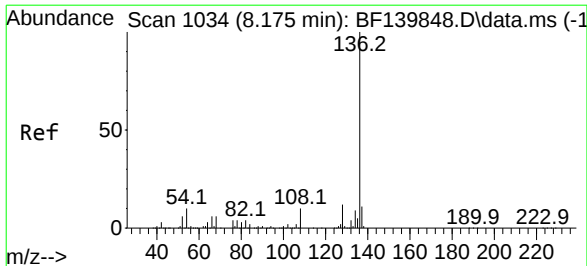


#20
3+4-Methylphenols
Concen: 51.527 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53



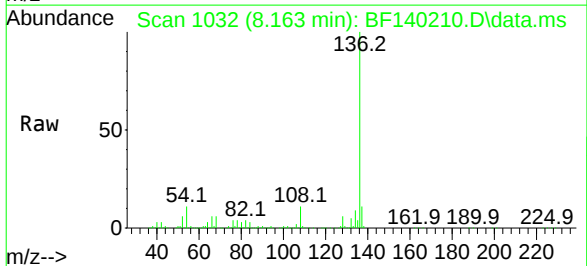
Tgt Ion:107 Resp: 378702
Ion Ratio Lower Upper
107 100
108 89.3 69.8 109.8
77 117.9 50.5 90.5#
79 31.6 10.2 50.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

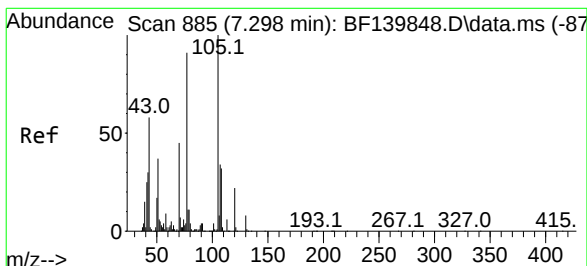
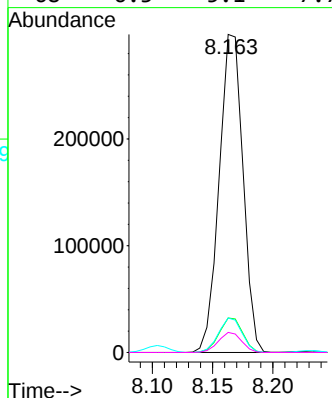
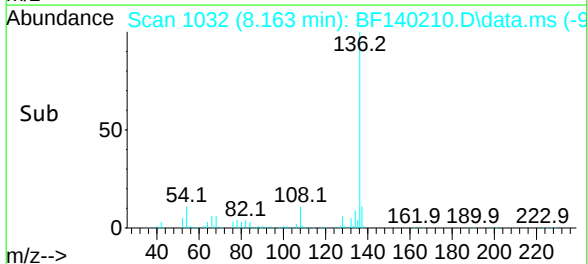
Instrument : BNA_F
ClientSampleId : RES-BUILDING-PAD-NO-2MSD



Tgt Ion:	136	Resp:	410116
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.8	8.4	12.6
68	6.3	5.1	7.7

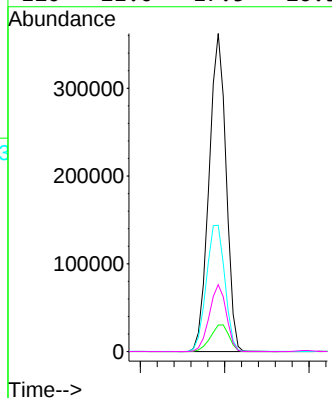
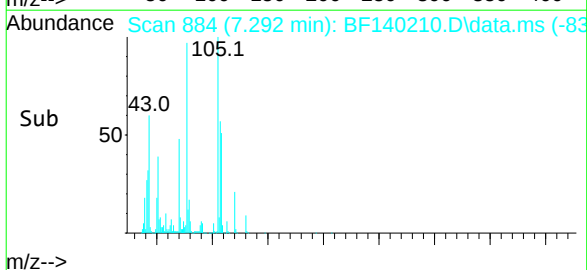
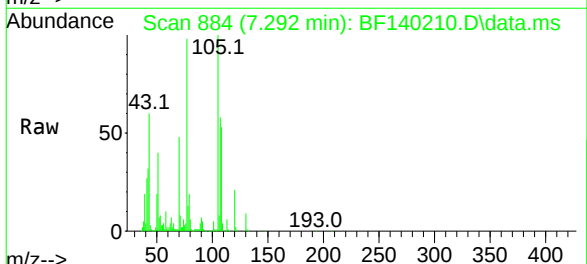
Manual Integrations
APPROVED

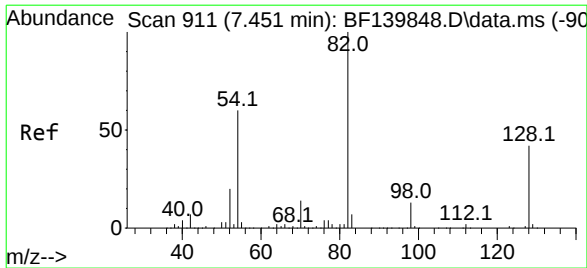
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#22
Acetophenone
Concen: 50.649 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

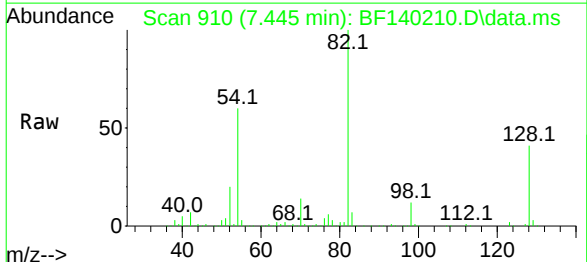
Tgt Ion:	105	Resp:	508774
Ion	Ratio	Lower	Upper
105	100		
71	8.3	5.9	8.9
51	39.7	29.4	44.2
120	21.0	17.5	26.3





#23
Nitrobenzene-d5
Concen: 86.406 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

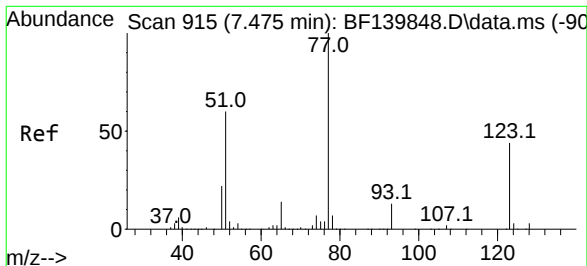
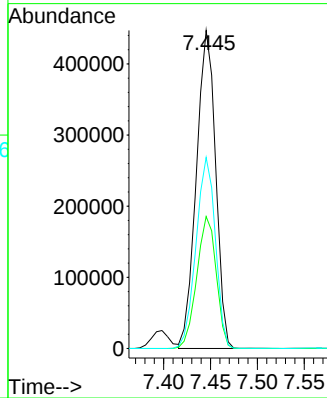
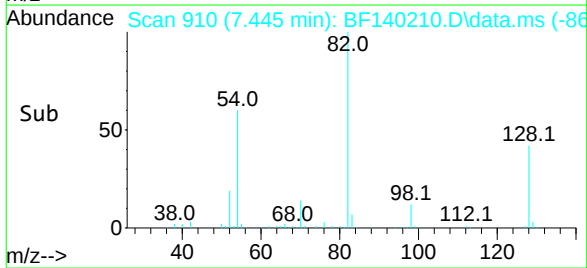
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD



Tgt Ion: 82 Resp: 639376
Ion Ratio Lower Upper
82 100
128 41.5 33.4 50.0
54 60.1 47.8 71.8

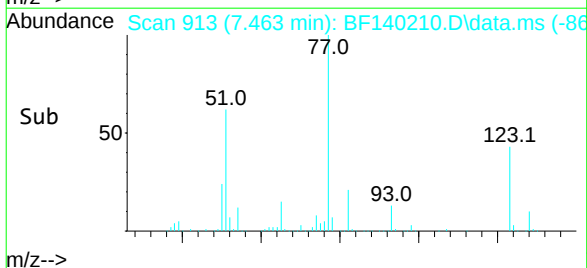
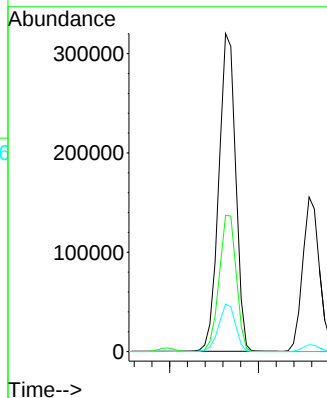
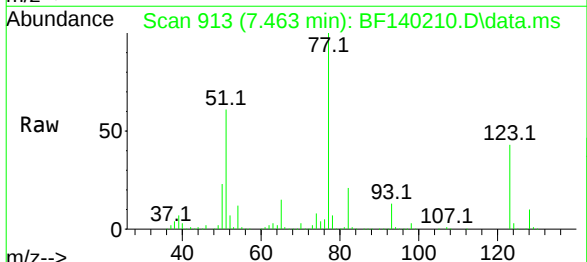
Manual Integrations
APPROVED

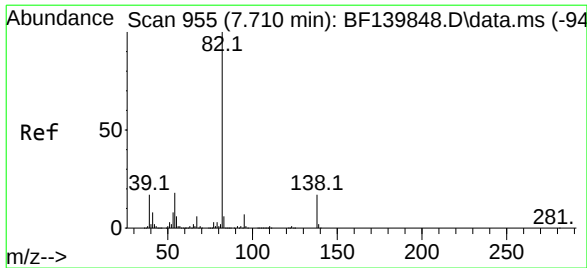
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#24
Nitrobenzene
Concen: 52.029 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

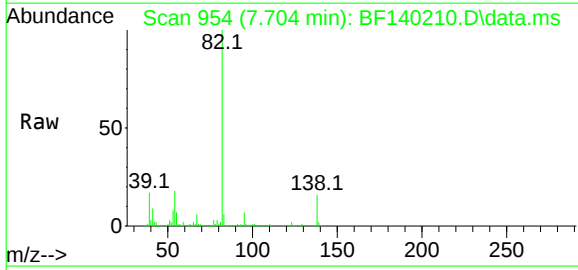
Tgt Ion: 77 Resp: 422112
Ion Ratio Lower Upper
77 100
123 42.8 35.7 53.5
65 14.9 11.5 17.3





#25
Isophorone
Concen: 54.052 ng
RT: 7.704 min Scan# 95
Delta R.T. -0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

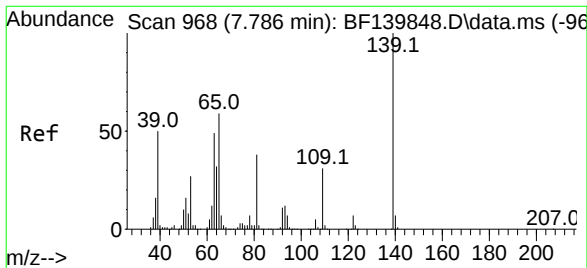
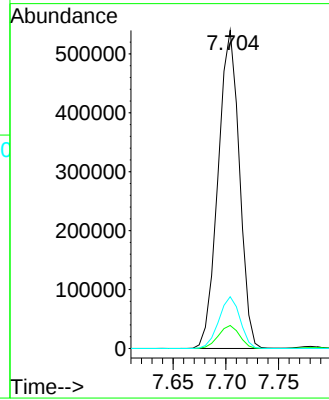
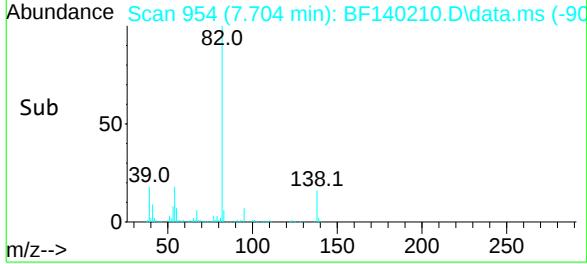
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD



Tgt Ion: 82 Resp: 759137
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 16.3 13.2 19.8

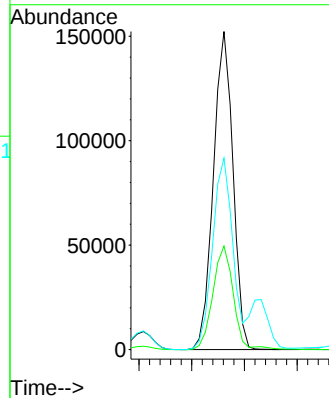
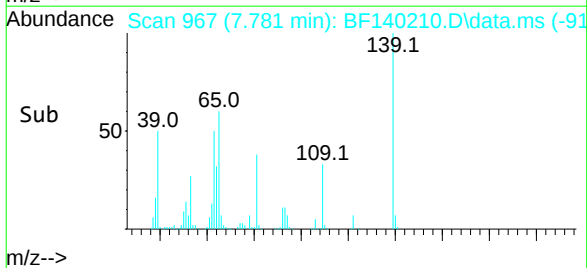
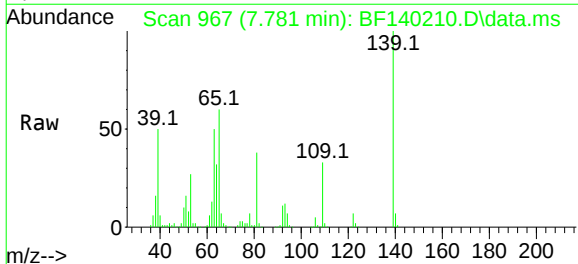
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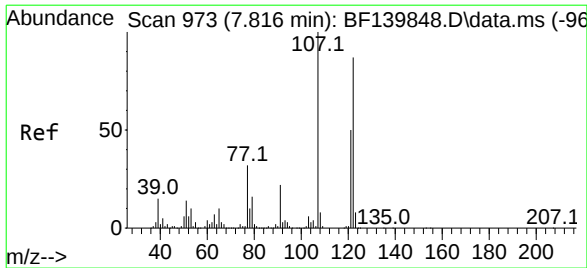
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#26
2-Nitrophenol
Concen: 64.135 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

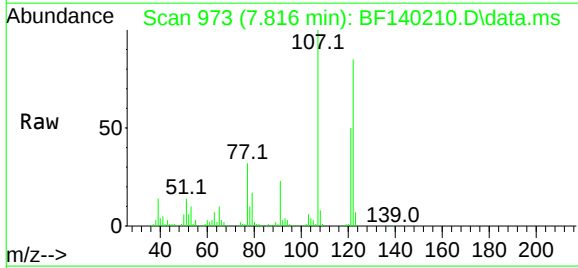
Tgt Ion:139 Resp: 196295
Ion Ratio Lower Upper
139 100
109 32.5 25.1 37.7
65 60.2 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 59.675 ng
RT: 7.816 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

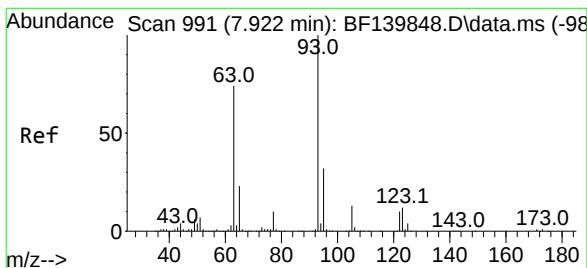
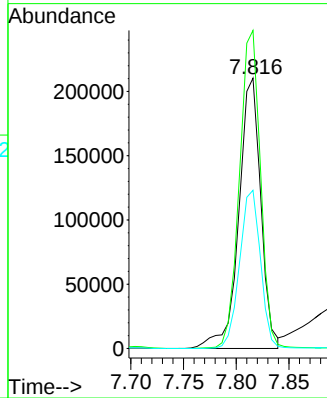
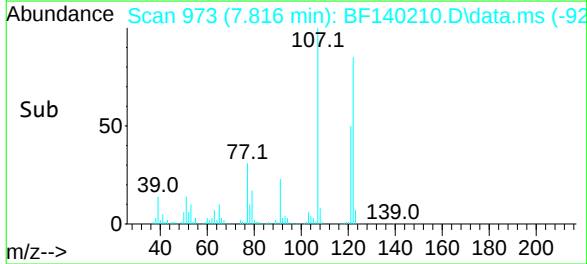
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD



Tgt Ion: 122 Resp: 304549
Ion Ratio Lower Upper
122 100
107 117.6 91.9 137.9
121 58.5 46.2 69.4

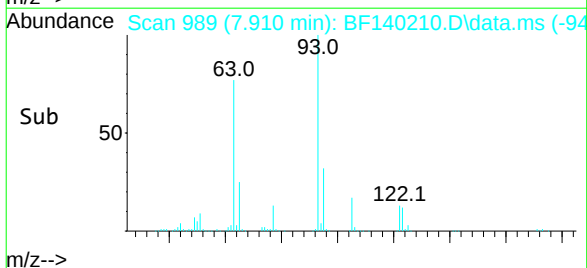
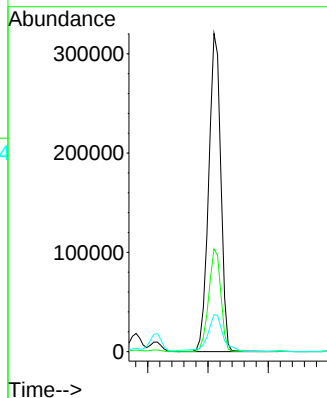
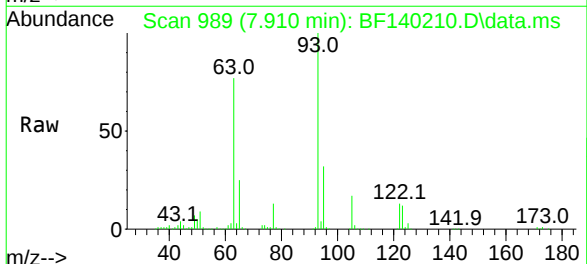
Manual Integrations
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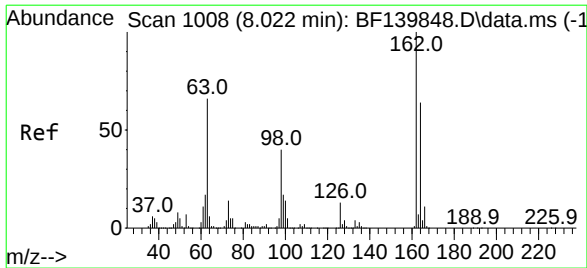
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#28
bis(2-Chloroethoxy)methane
Concen: 52.499 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

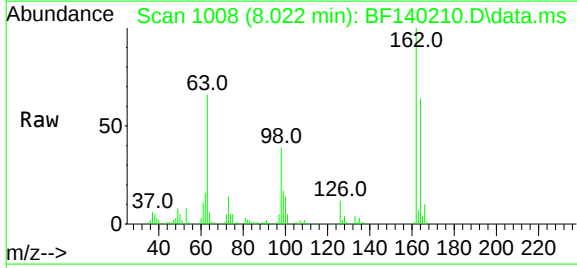
Tgt Ion: 93 Resp: 446725
Ion Ratio Lower Upper
93 100
95 32.3 26.0 39.0
123 11.6 9.8 14.8





#29
2,4-Dichlorophenol
Concen: 53.341 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

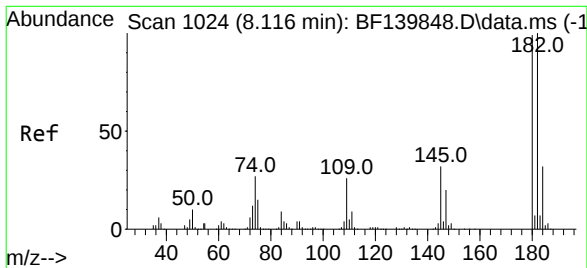
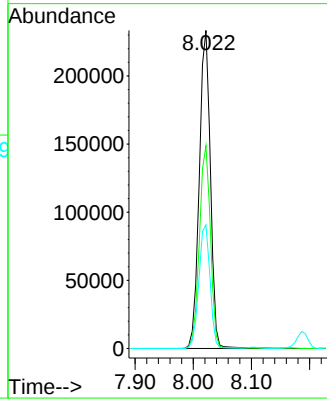
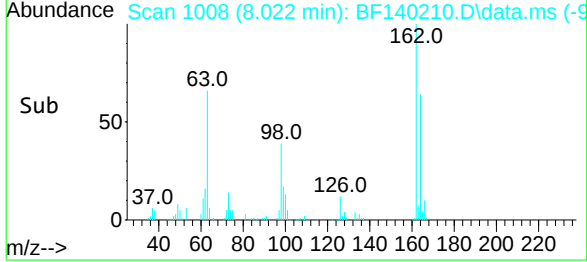
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD



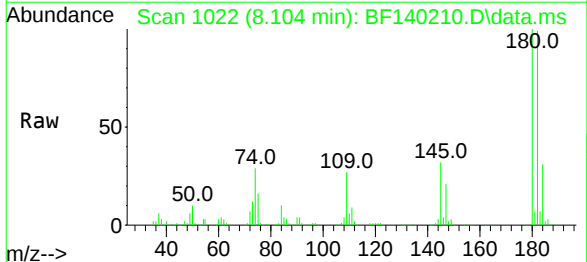
Tgt Ion:162 Resp: 310070
Ion Ratio Lower Upper
162 100
164 63.8 43.9 83.9
98 38.9 19.9 59.9

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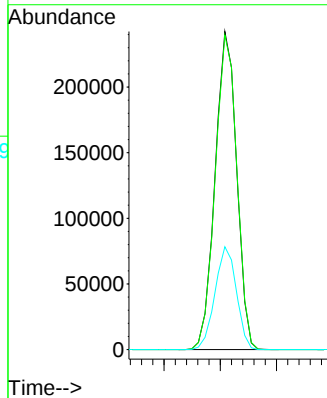
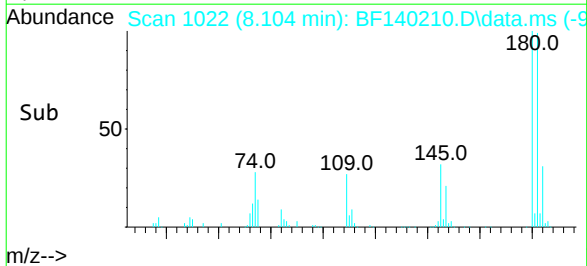
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

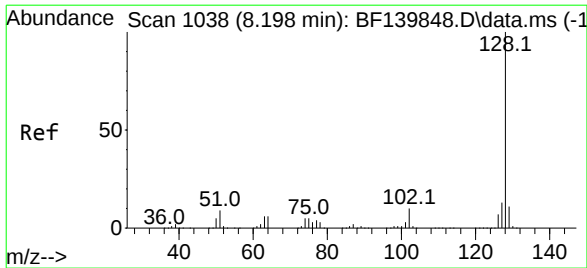


#30
1,2,4-Trichlorobenzene
Concen: 50.176 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53



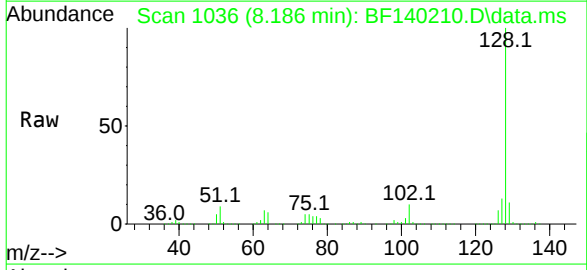
Tgt Ion:180 Resp: 322741
Ion Ratio Lower Upper
180 100
182 98.9 80.5 120.7
145 32.3 25.4 38.0





#31
Naphthalene
Concen: 51.065 ng
RT: 8.186 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

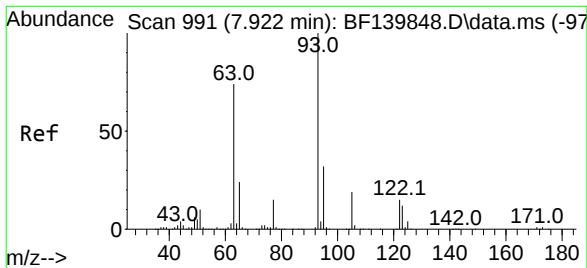
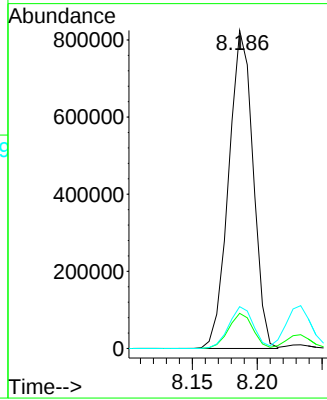
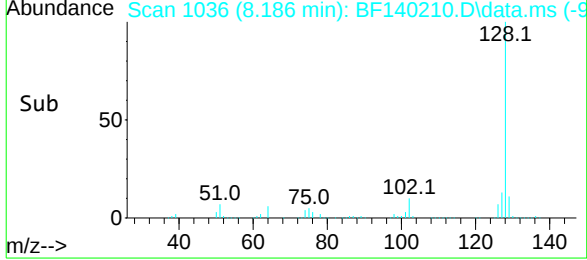
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD



Tgt Ion:128 Resp: 1080096
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.6 16.0

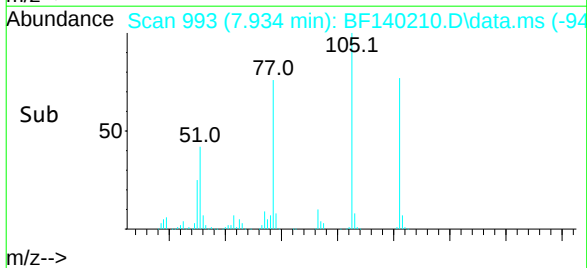
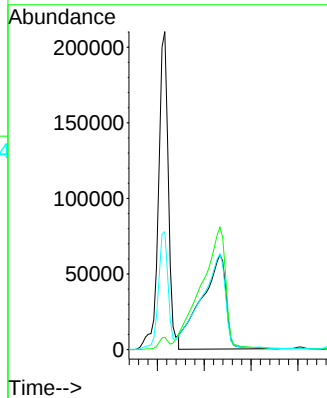
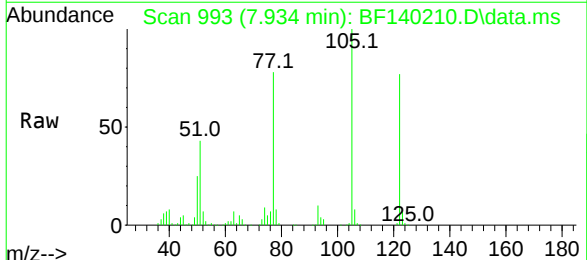
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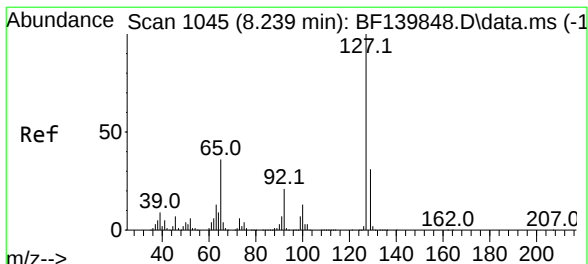
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#32
Benzoic acid
Concen: 51.225 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Tgt Ion:122 Resp: 228012
Ion Ratio Lower Upper
122 100
105 129.1 107.6 147.6
77 100.8 80.2 120.2





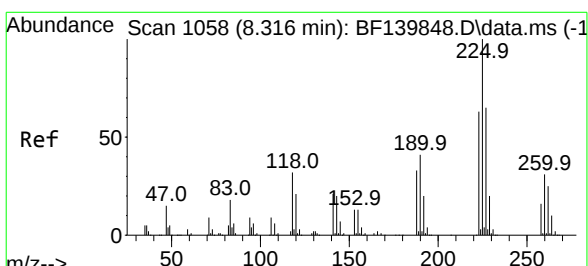
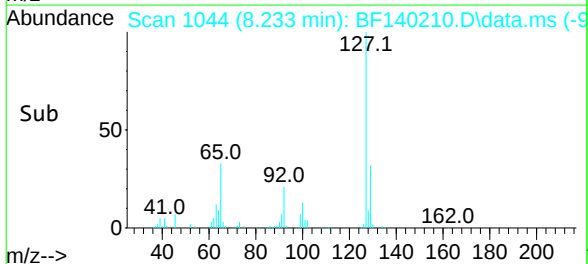
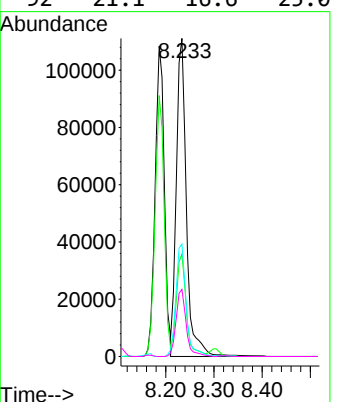
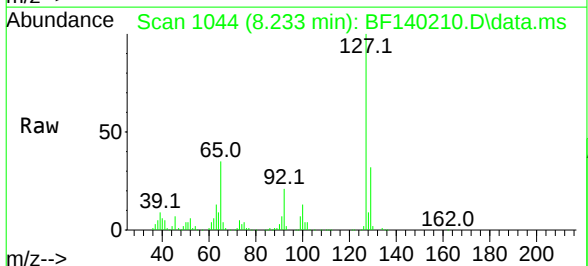
#33
 4-Chloroaniline
 Concen: 22.468 ng
 RT: 8.233 min Scan# 1045
 Delta R.T. -0.006 min
 Lab File: BF140210.D
 Acq: 01 Nov 2024 14:53

Instrument : BNA_F
 ClientSampleId : RES-BUILDING-PAD-NO-2MSD

Tgt Ion: 127 Resp: 162045

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	35.4	28.4	42.6
92	21.1	16.6	25.0

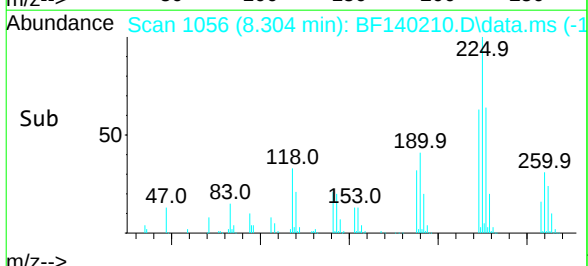
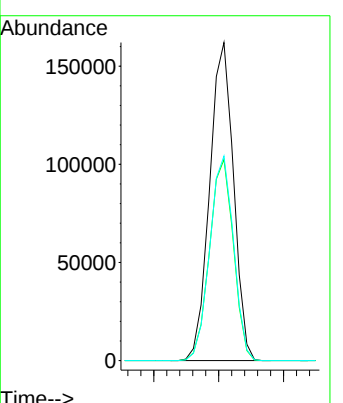
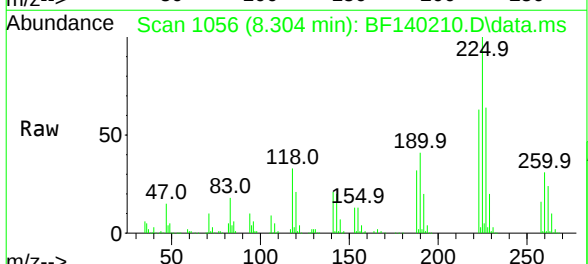
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 Reviewed By : Yogesh Patel 11/04/2024
 Supervised By : mohammad ahmed 11/04/2024

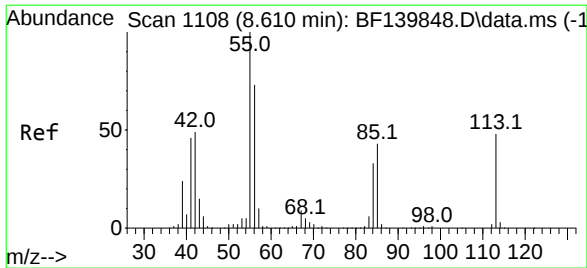


#34
 Hexachlorobutadiene
 Concen: 51.266 ng
 RT: 8.304 min Scan# 1056
 Delta R.T. -0.012 min
 Lab File: BF140210.D
 Acq: 01 Nov 2024 14:53

Tgt Ion: 225 Resp: 207187

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	64.3	51.8	77.8





#35

Caprolactam

Concen: 53.157 ng m

RT: 8.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140210.D

Acq: 01 Nov 2024 14:53

Instrument :

BNA_F

ClientSampleId :

RES-BUILDING-PAD-NO-2MSD

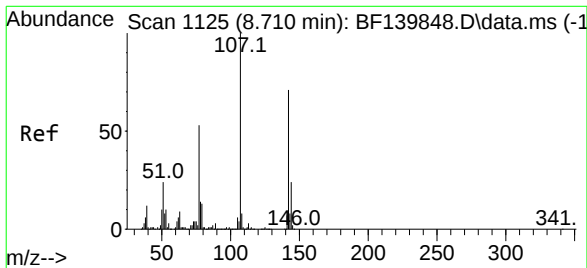
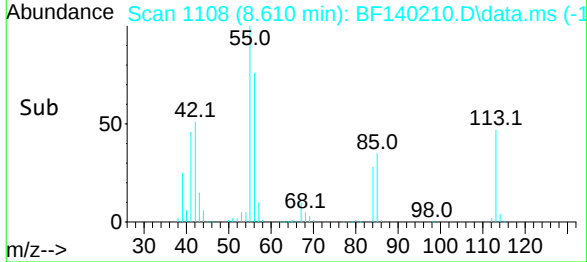
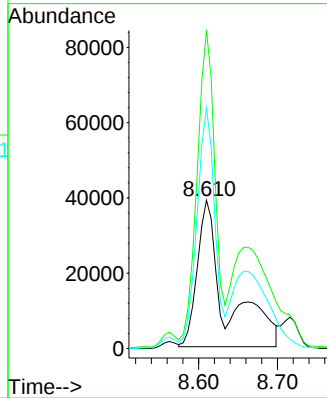
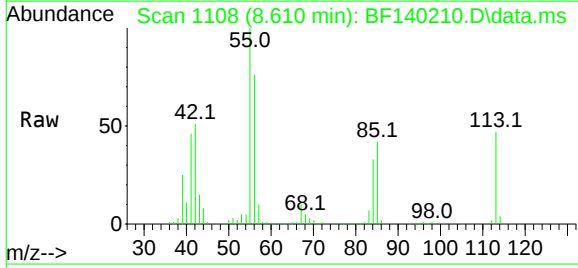
Tgt Ion:	113	Resp:	98252
Ion Ratio	Lower	Upper	
113	100		
55	214.6	189.2	229.2
56	162.0	132.5	172.5

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#36

4-Chloro-3-methylphenol

Concen: 55.204 ng

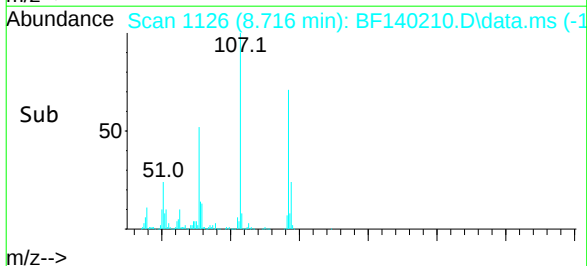
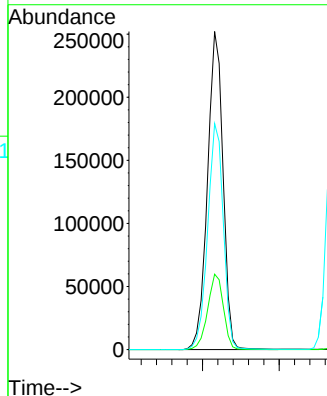
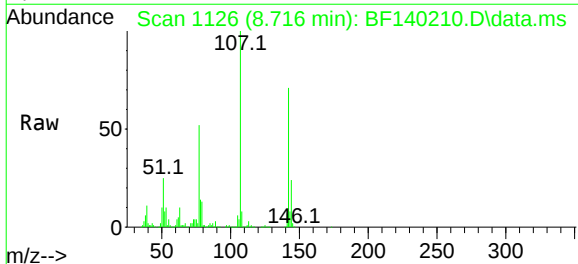
RT: 8.716 min Scan# 1126

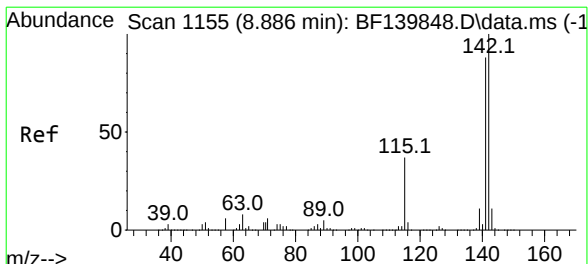
Delta R.T. 0.006 min

Lab File: BF140210.D

Acq: 01 Nov 2024 14:53

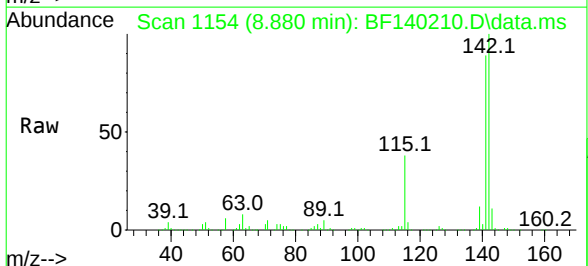
Tgt Ion:	107	Resp:	355329
Ion Ratio	Lower	Upper	
107	100		
144	23.7	19.1	28.7
142	71.1	57.2	85.8





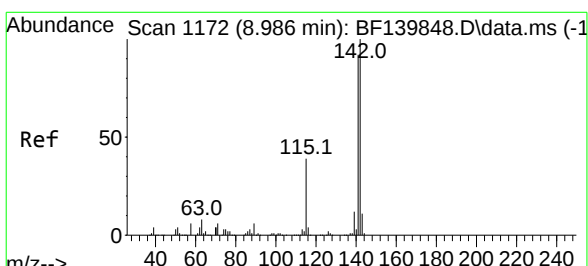
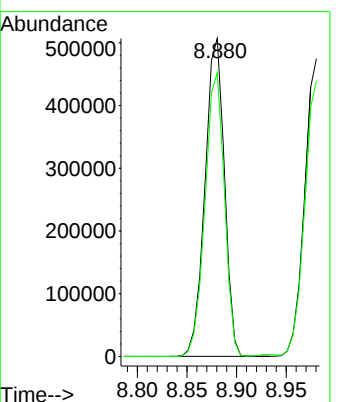
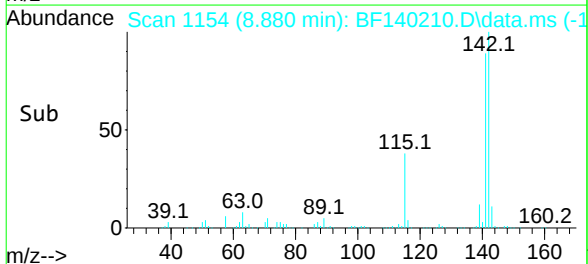
#37
 2-Methylnaphthalene
 Concen: 53.209 ng
 RT: 8.880 min Scan# 1154
 Delta R.T. -0.006 min
 Lab File: BF140210.D
 Acq: 01 Nov 2024 14:53

Instrument : BNA_F
 ClientSampleId : RES-BUILDING-PAD-NO-2MSD

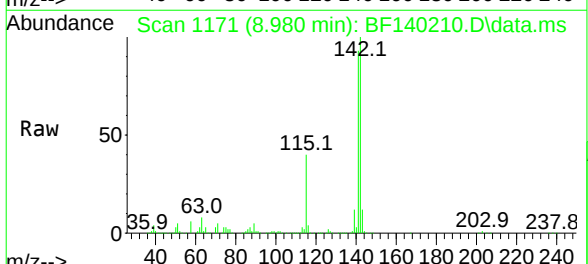


Tgt Ion:142 Resp: 689267
 Ion Ratio Lower Upper
 142 100
 141 89.2 70.8 106.2

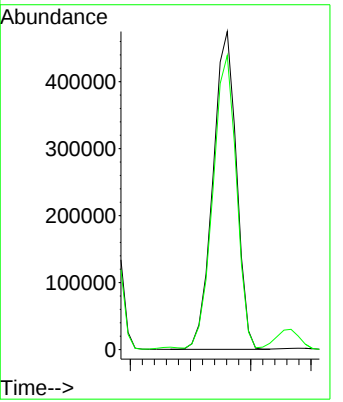
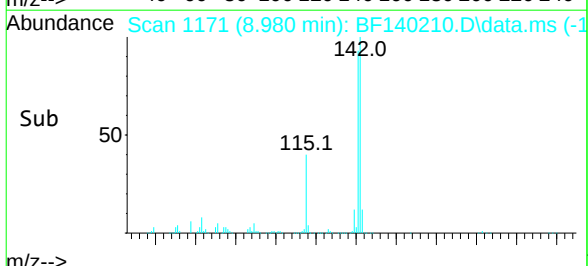
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 Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

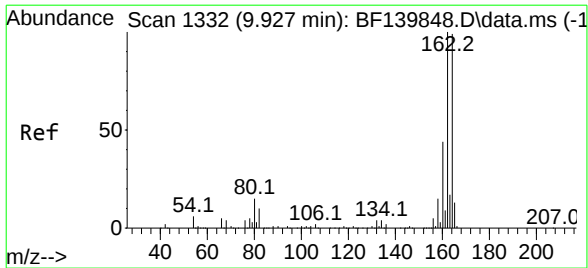


#38
 1-Methylnaphthalene
 Concen: 50.620 ng
 RT: 8.980 min Scan# 1171
 Delta R.T. -0.006 min
 Lab File: BF140210.D
 Acq: 01 Nov 2024 14:53



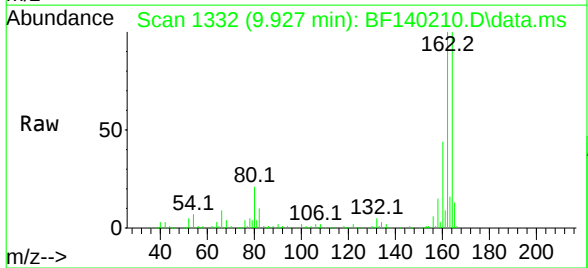
Tgt Ion:142 Resp: 643338
 Ion Ratio Lower Upper
 142 100
 141 92.5 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD

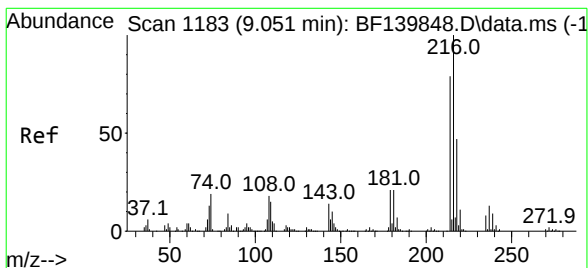
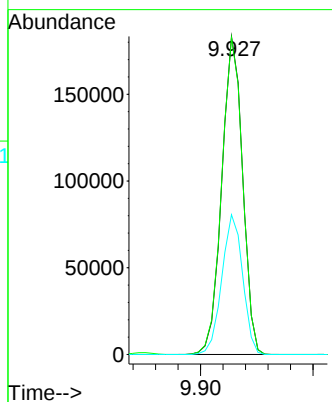
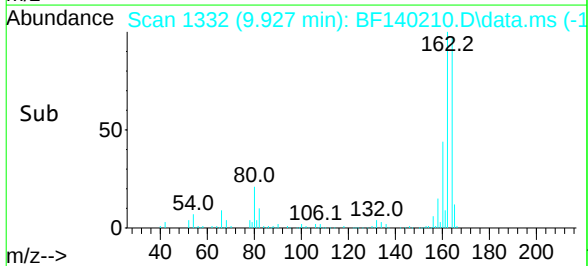


Tgt Ion:164 Resp: 235405

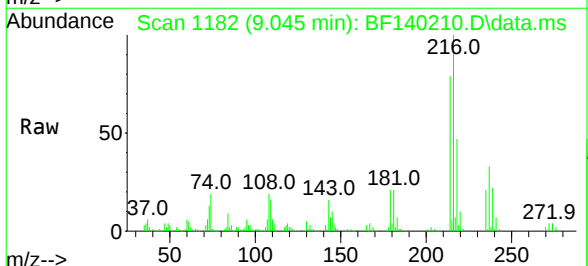
Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.0	121.4
160	43.9	35.4	53.0

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Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

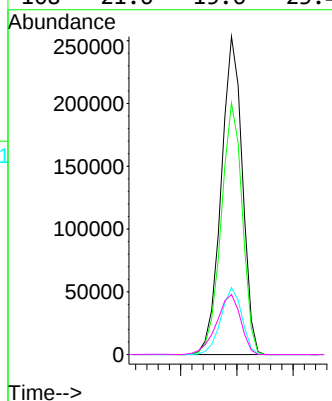
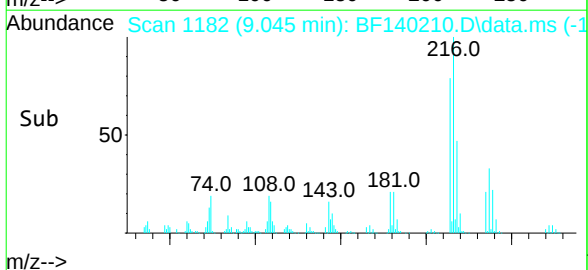


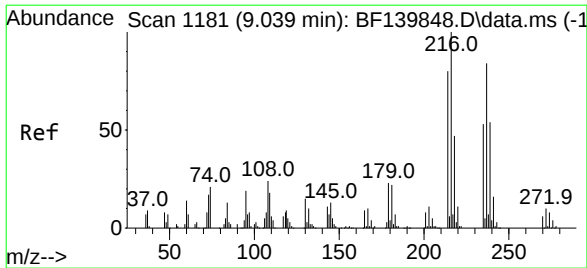
#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.126 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53



Tgt Ion:216 Resp: 331042

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.0
179	21.0	17.2	25.8
108	21.6	15.6	23.4





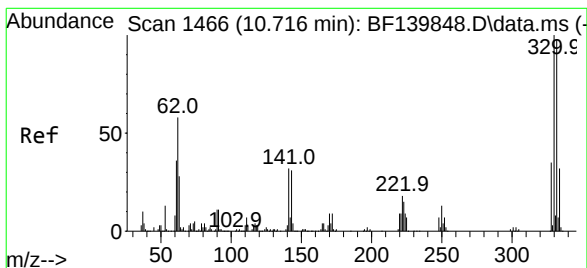
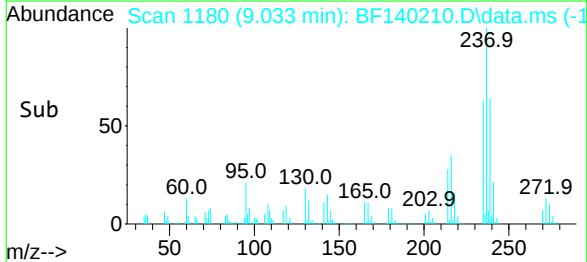
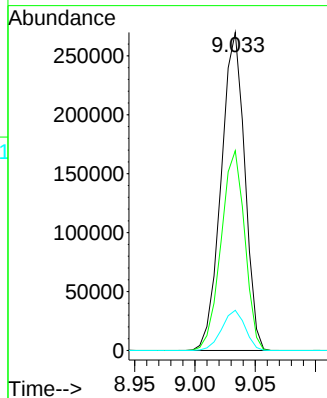
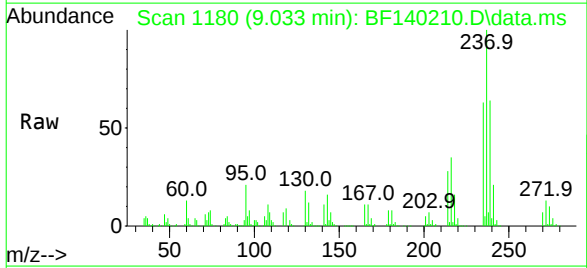
#41
Hexachlorocyclopentadiene
Concen: 166.379 ng
RT: 9.033 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Instrument : BNA_F
ClientSampleId : RES-BUILDING-PAD-NO-2MSD

Tgt Ion: 237 Resp: 367664
Ion Ratio Lower Upper
237 100
235 62.8 42.9 82.9
272 12.6 0.0 32.3

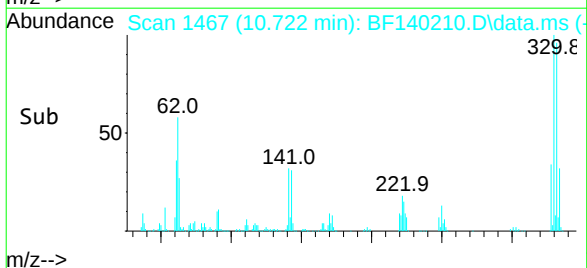
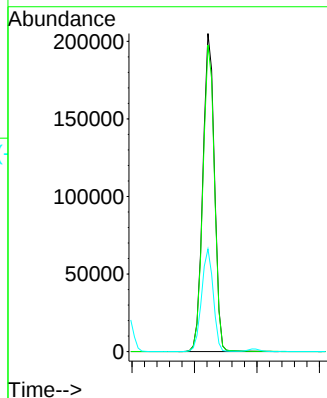
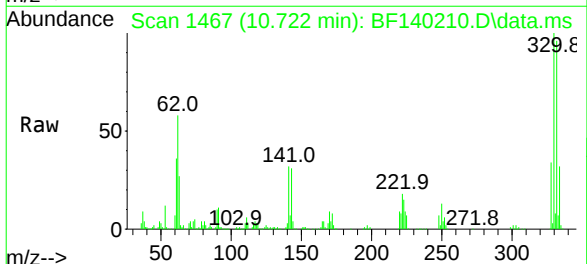
Manual Integrations
APPROVED

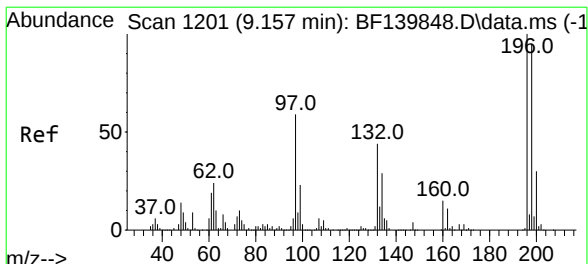
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#42
2,4,6-Tribromophenol
Concen: 119.892 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

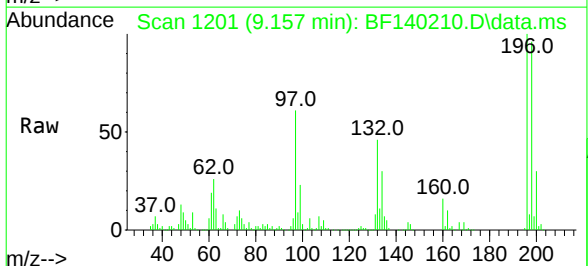
Tgt Ion: 330 Resp: 263991
Ion Ratio Lower Upper
330 100
332 96.4 78.1 117.1
141 32.5 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 54.128 ng
RT: 9.157 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

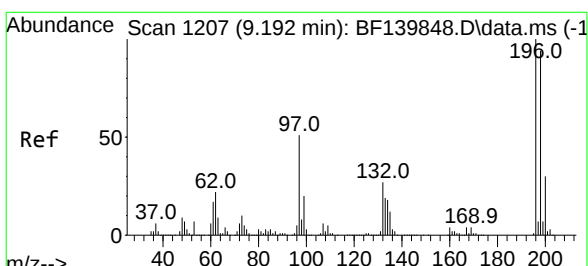
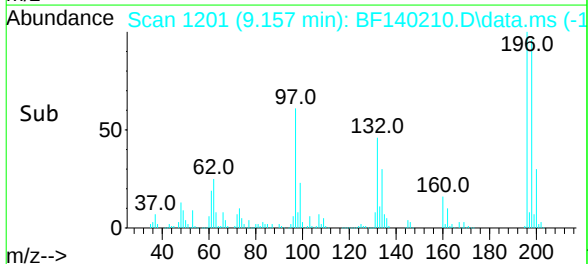
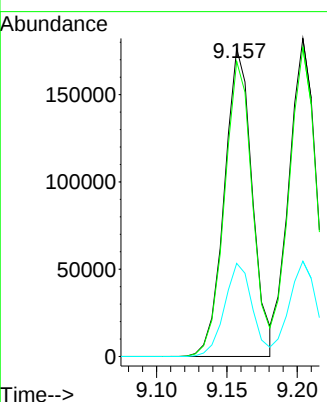
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD



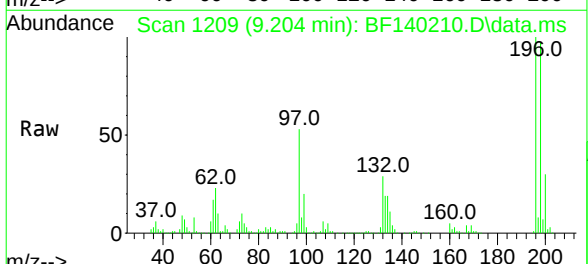
Tgt Ion:196 Resp: 243379

Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.2	114.2
200	30.2	24.0	36.0

Manual Integrations
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Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

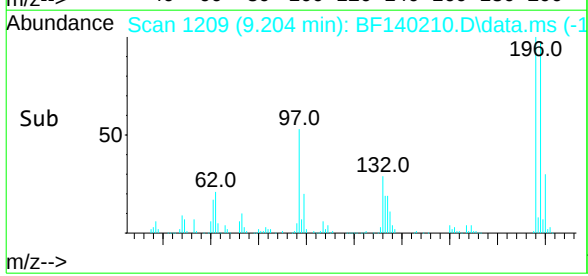
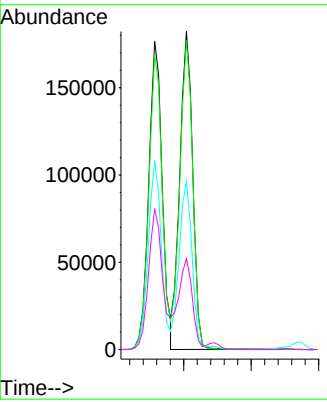


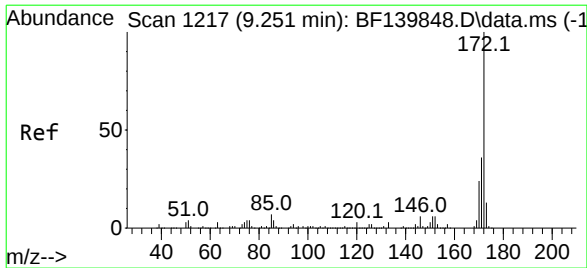
#44
2,4,5-Trichlorophenol
Concen: 52.342 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53



Tgt Ion:196 Resp: 242814

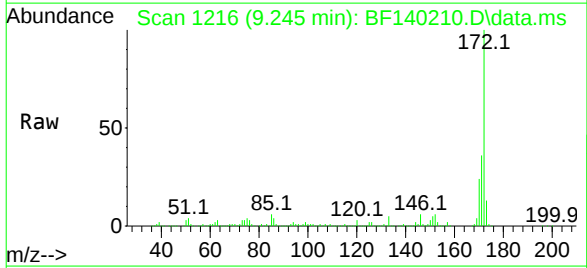
Ion	Ratio	Lower	Upper
196	100		
198	97.2	75.8	113.6
97	53.0	41.8	62.6
132	28.6	22.9	34.3





#45
2-Fluorobiphenyl
Concen: 80.705 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

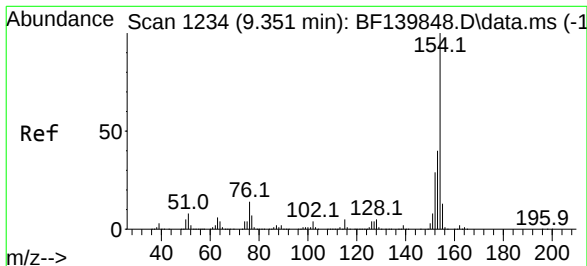
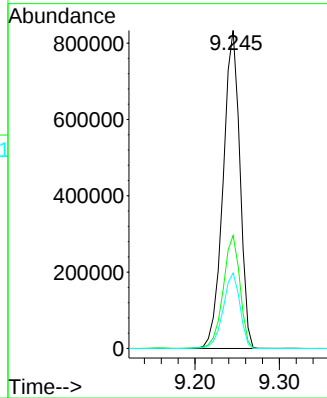
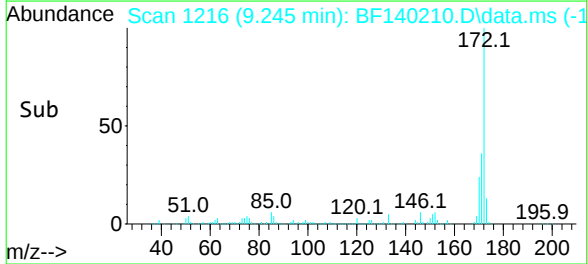
Instrument : BNA_F
ClientSampleId : RES-BUILDING-PAD-NO-2MSD



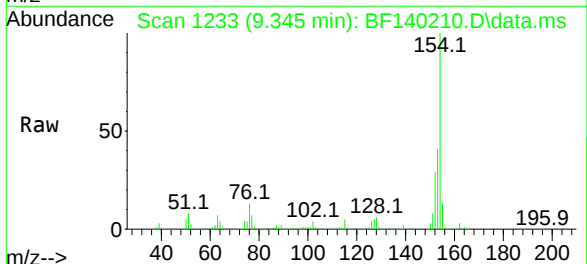
Tgt Ion:172 Resp: 1149538
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.7 19.1 28.7

Manual Integrations
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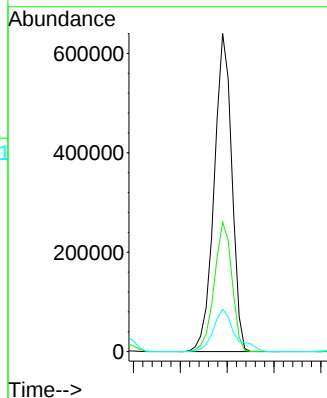
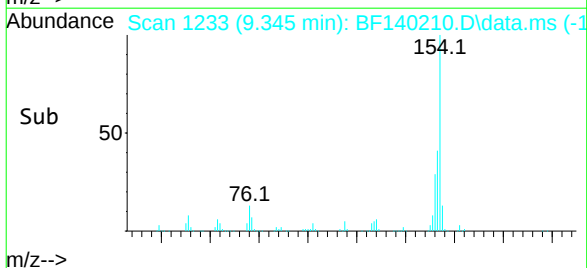
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

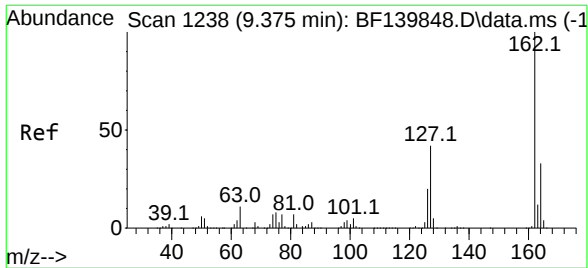


#46
1,1'-Biphenyl
Concen: 51.151 ng
RT: 9.345 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53



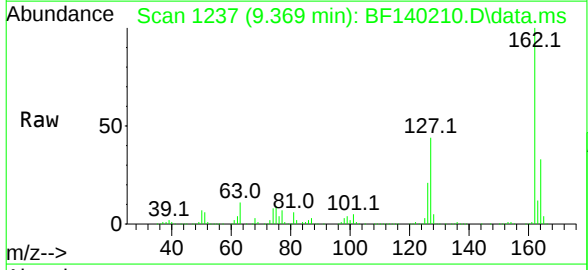
Tgt Ion:154 Resp: 838242
Ion Ratio Lower Upper
154 100
153 40.7 20.3 60.3
76 13.3 0.0 33.9





#47
2-Chloronaphthalene
Concen: 50.030 ng
RT: 9.369 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

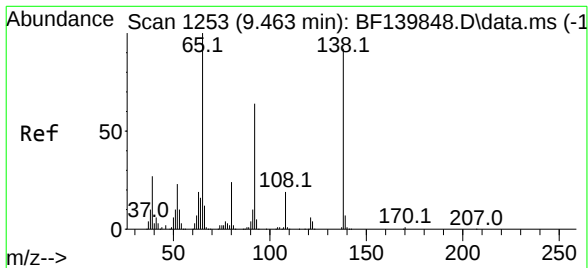
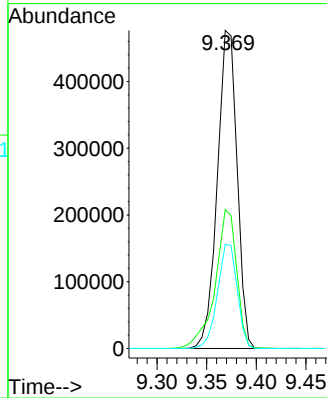
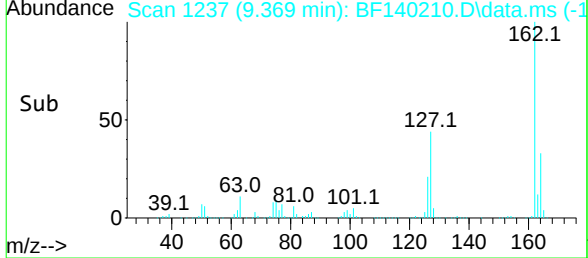
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD



Tgt Ion:162 Resp: 660337
Ion Ratio Lower Upper
162 100
127 43.7 33.8 50.6
164 32.8 26.6 39.8

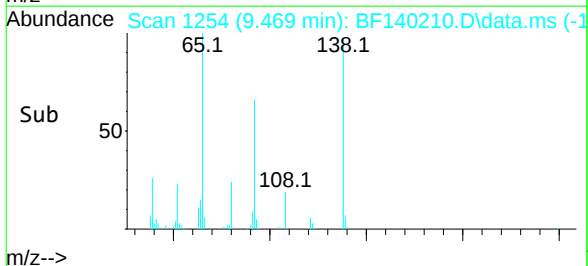
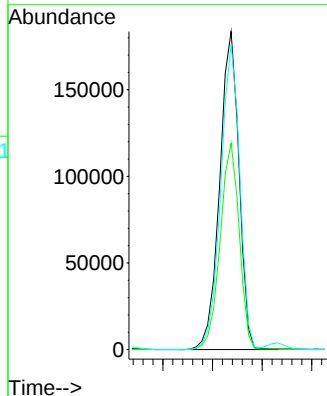
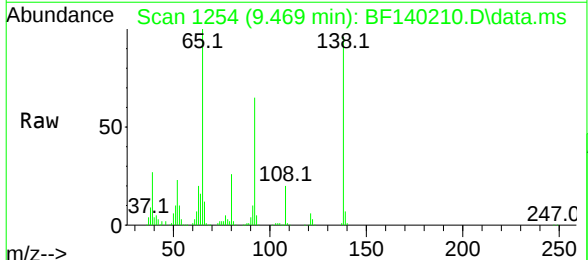
Manual Integrations
APPROVED

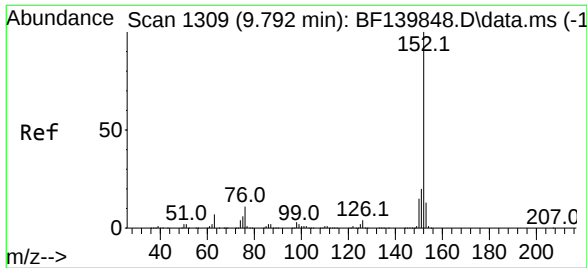
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#48
2-Nitroaniline
Concen: 61.459 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Tgt Ion: 65 Resp: 248096
Ion Ratio Lower Upper
65 100
92 64.9 50.9 76.3
138 96.0 73.4 110.0





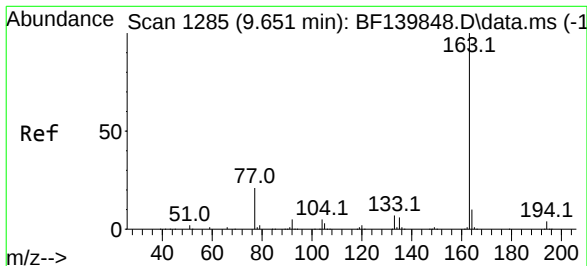
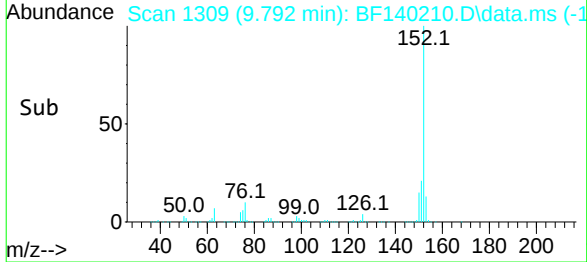
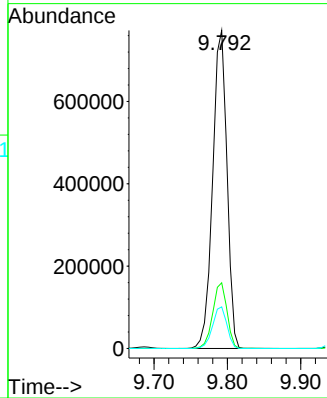
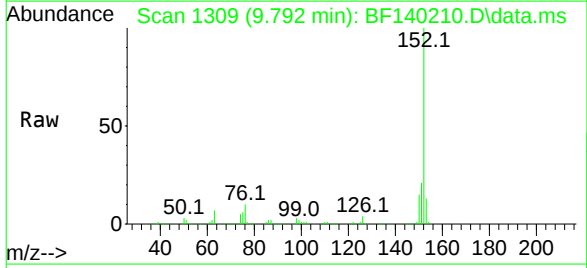
#49
Acenaphthylene
Concen: 54.815 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD

Tgt Ion:152 Resp: 1045948
Ion Ratio Lower Upper
152 100
151 20.7 15.9 23.9
153 13.1 10.7 16.1

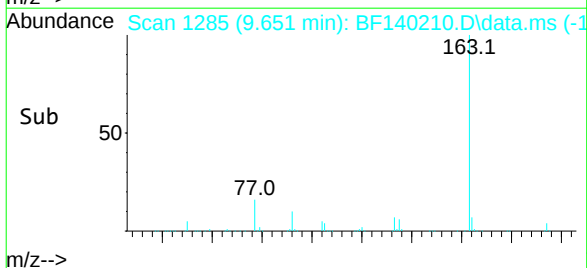
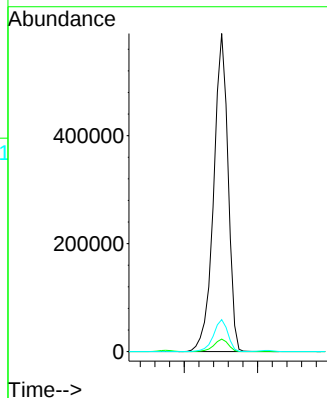
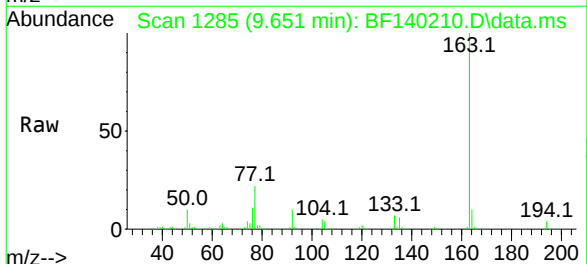
Manual Integrations
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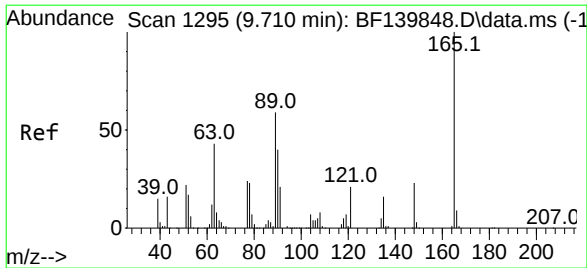
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#50
Dimethylphthalate
Concen: 54.684 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Tgt Ion:163 Resp: 801824
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.1 8.2 12.2





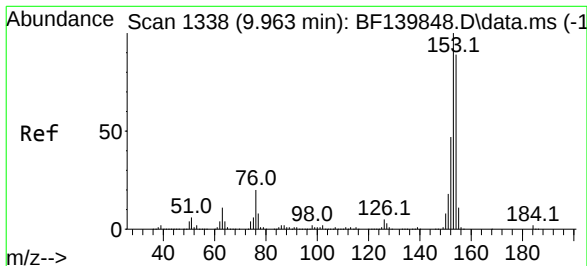
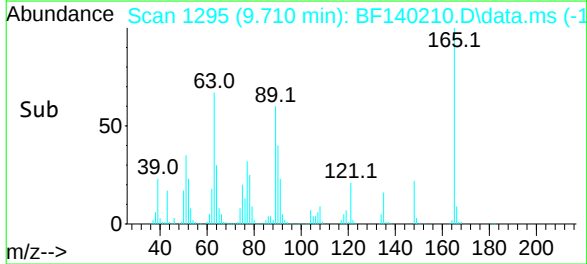
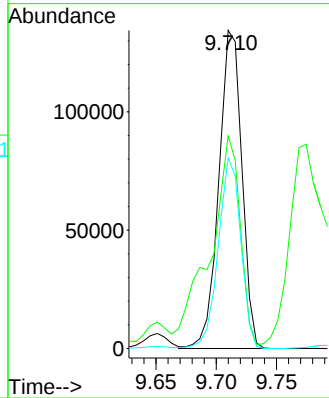
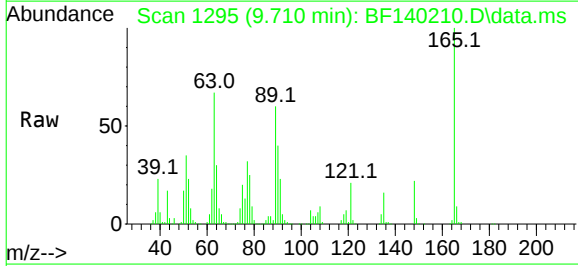
#51
2,6-Dinitrotoluene
Concen: 56.301 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD

Tgt Ion:165 Resp: 178745
Ion Ratio Lower Upper
165 100
63 66.8 50.6 75.8
89 59.9 47.5 71.3

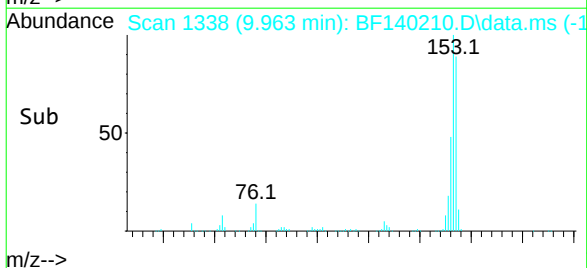
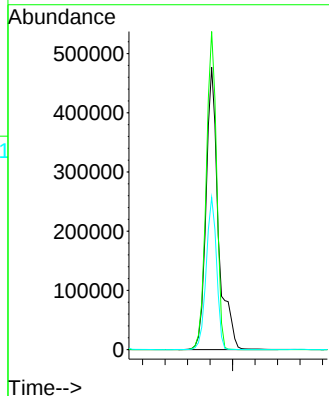
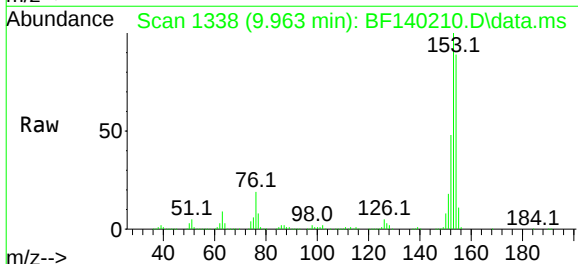
Manual Integrations
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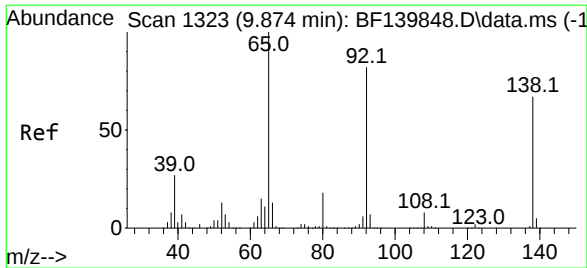
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#52
Acenaphthene
Concen: 58.878 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Tgt Ion:154 Resp: 726773
Ion Ratio Lower Upper
154 100
153 112.7 89.8 134.6
152 53.9 42.4 63.6





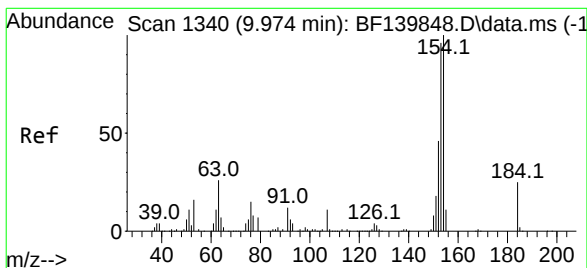
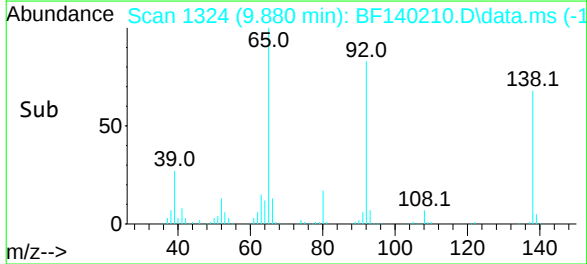
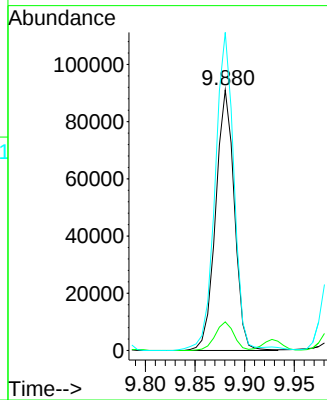
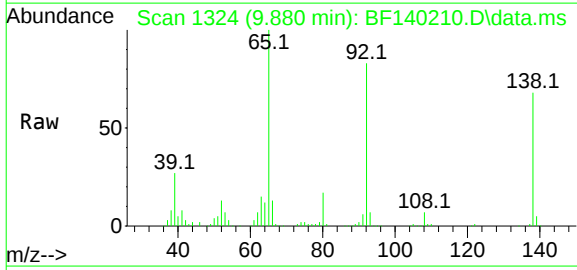
#53
3-Nitroaniline
Concen: 36.409 ng
RT: 9.880 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD

Tgt Ion:138 Resp: 119203
Ion Ratio Lower Upper
138 100
108 11.0 10.2 15.2
92 122.1 98.3 147.5

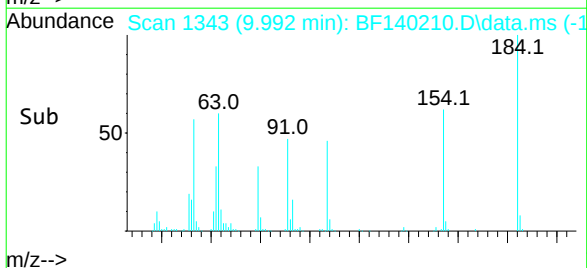
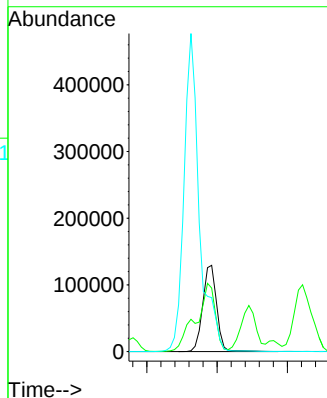
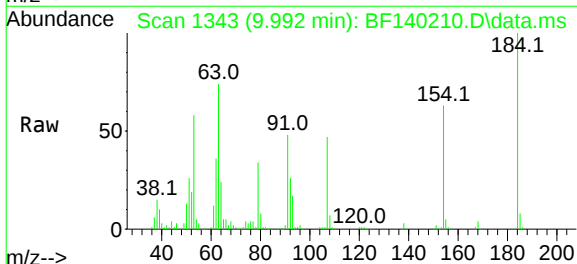
Manual Integrations
APPROVED

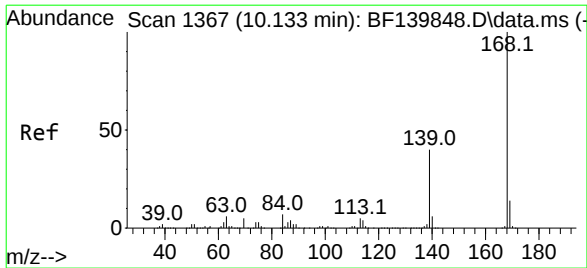
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#54
2,4-Dinitrophenol
Concen: 130.600 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.018 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Tgt Ion:184 Resp: 178200
Ion Ratio Lower Upper
184 100
63 73.6 84.7 127.1#
154 62.6 338.2 507.2#





#55

Dibenzenofuran

Concen: 51.925 ng

RT: 10.133 min Scan# 1367

Delta R.T. 0.000 min

Lab File: BF140210.D

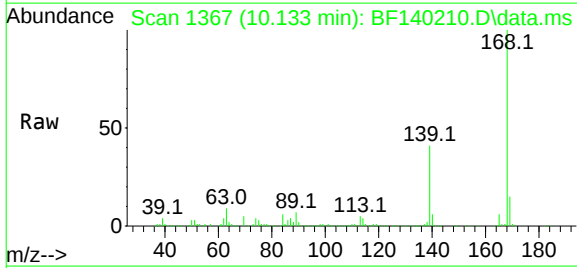
Acq: 01 Nov 2024 14:53

Instrument :

BNA_F

ClientSampleId :

RES-BUILDING-PAD-NO-2MSD



Tgt Ion:168 Resp: 919611

Ion Ratio Lower Upper

168 100

139 40.8 31.8 47.6

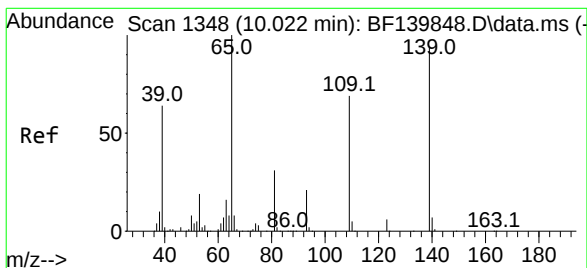
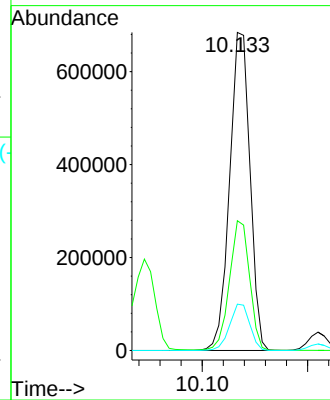
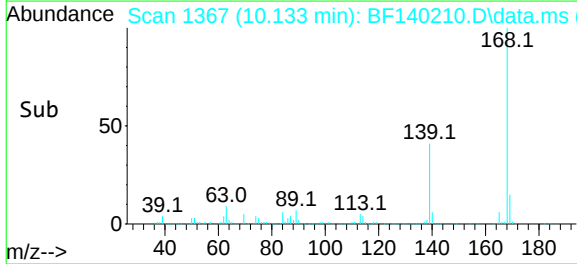
169 14.6 11.6 17.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#56

4-Nitrophenol

Concen: 113.189 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.024 min

Lab File: BF140210.D

Acq: 01 Nov 2024 14:53

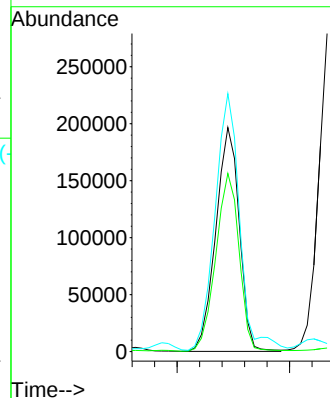
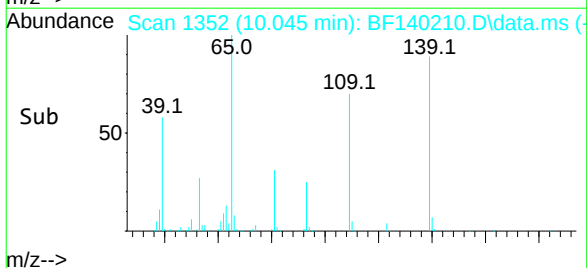
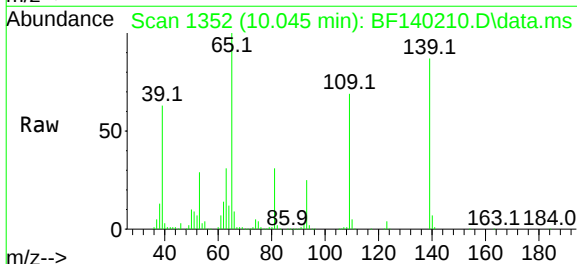
Tgt Ion:139 Resp: 285108

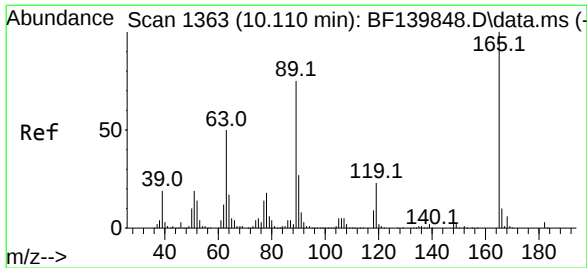
Ion Ratio Lower Upper

139 100

109 79.5 53.6 93.6

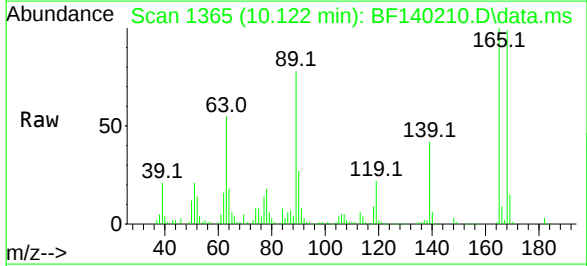
65 115.1 87.8 127.8





#57
2,4-Dinitrotoluene
Concen: 62.095 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.012 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

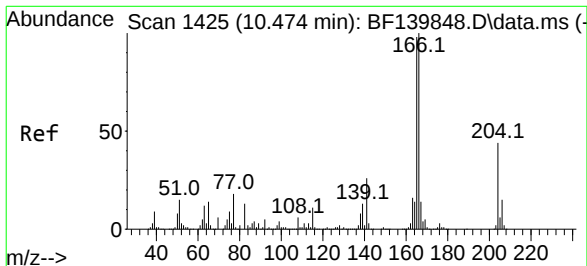
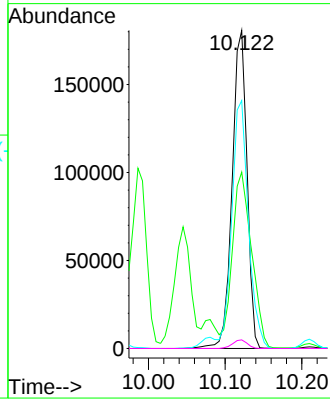
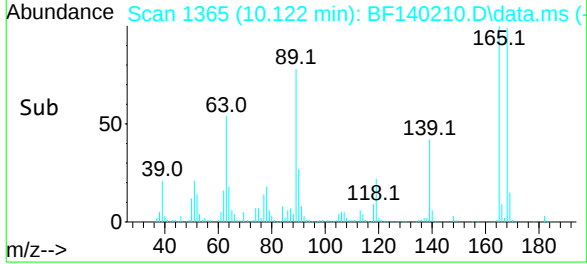
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD



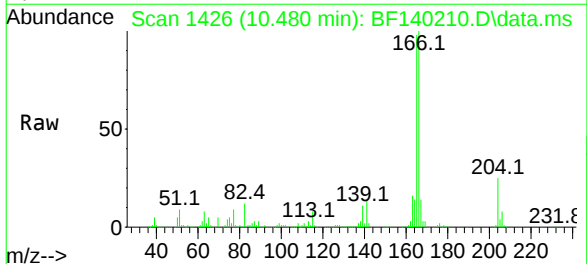
Tgt Ion:165 Resp: 242431
Ion Ratio Lower Upper
165 100
63 55.5 40.1 60.1
89 77.9 60.4 90.6
182 2.7 2.0 3.0

Manual Integrations
APPROVED

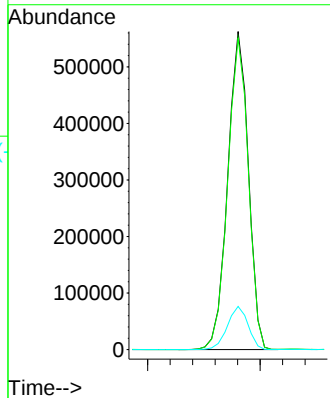
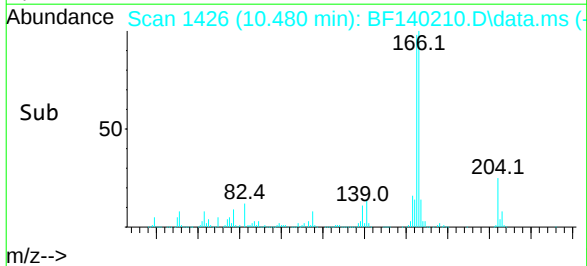
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

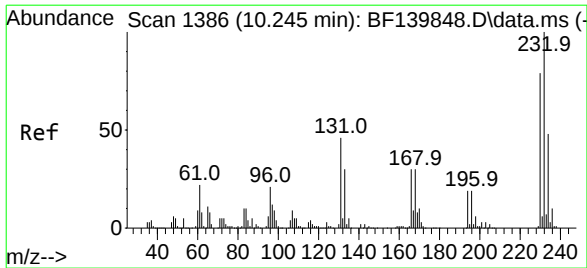


#58
Fluorene
Concen: 53.237 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53



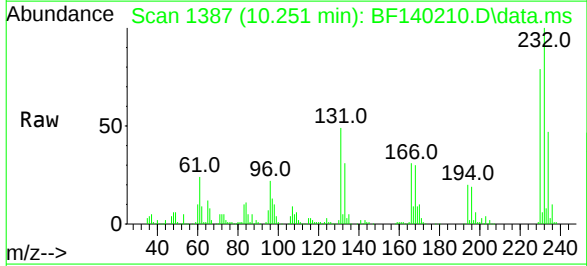
Tgt Ion:166 Resp: 718120
Ion Ratio Lower Upper
166 100
165 98.0 78.5 117.7
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.612 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

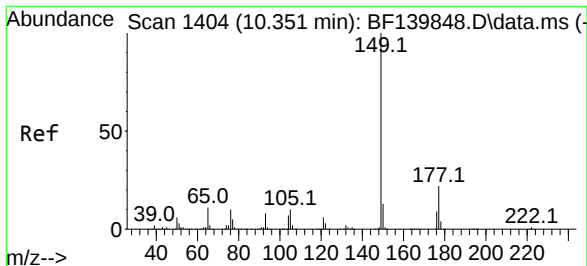
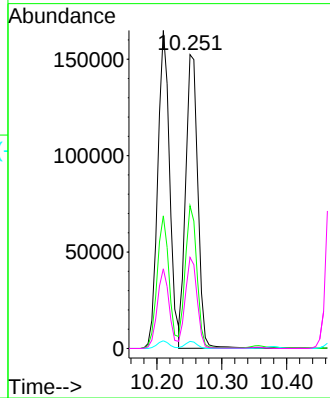
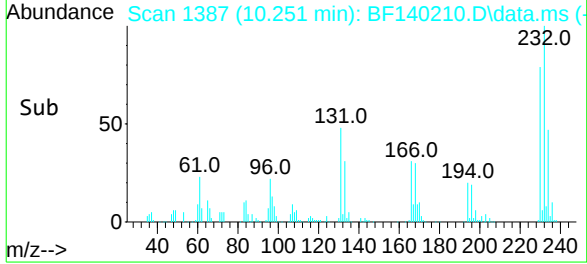
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD



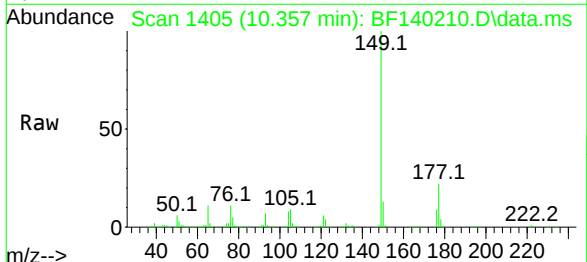
Tgt Ion:232 Resp: 198605
Ion Ratio Lower Upper
232 100
131 46.7 37.0 55.6
130 2.3 1.9 2.9
166 29.6 24.2 36.2

Manual Integrations
APPROVED

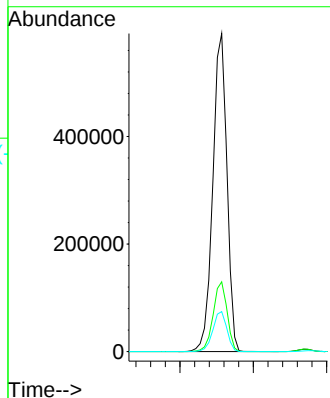
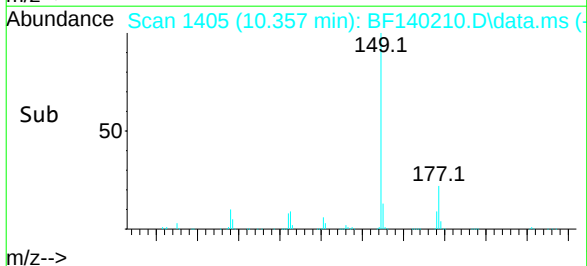
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

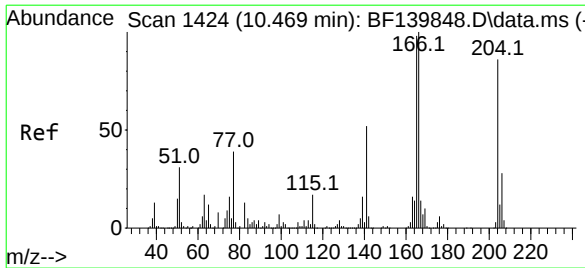


#60
Diethylphthalate
Concen: 54.872 ng
RT: 10.357 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53



Tgt Ion:149 Resp: 789983
Ion Ratio Lower Upper
149 100
177 21.9 17.9 26.9
150 12.6 10.1 15.1





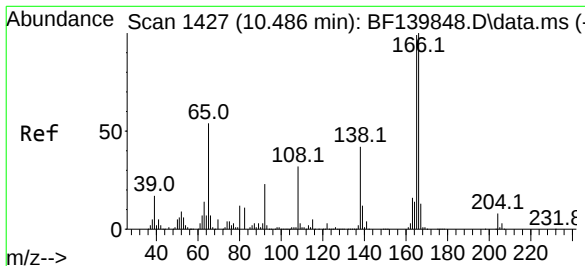
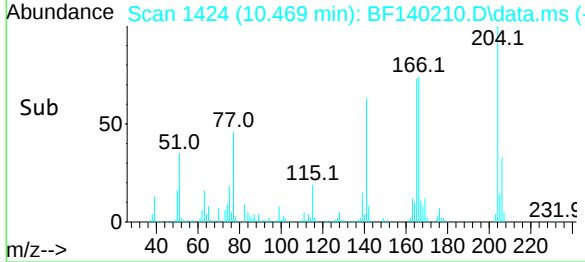
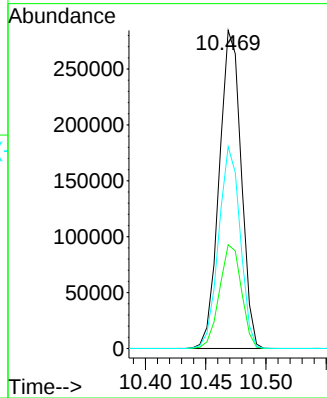
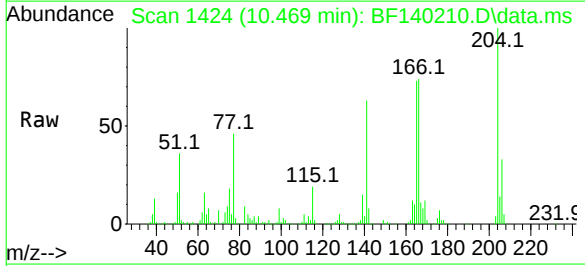
#61
4-Chlorophenyl-phenylether
Concen: 52.821 ng
RT: 10.469 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD

Tgt Ion:	204	Resp:	359820
Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.3	39.5
141	63.5	48.6	73.0

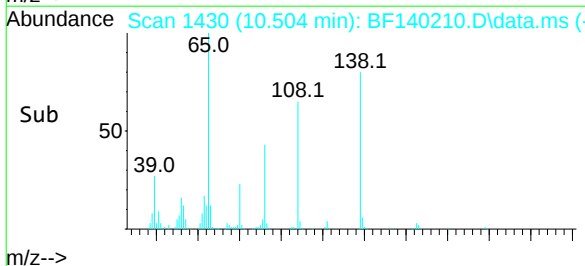
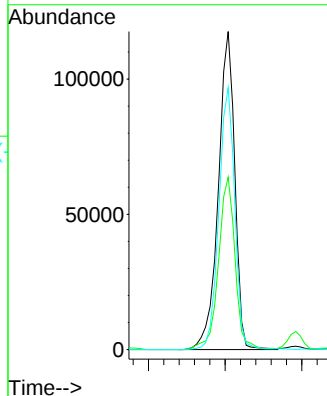
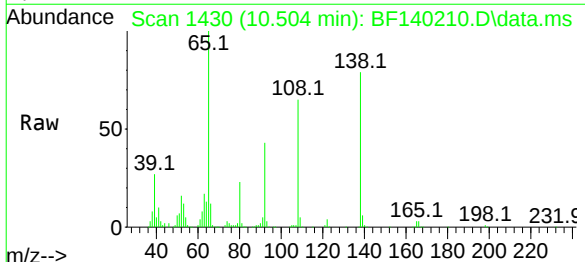
Manual Integrations
APPROVED

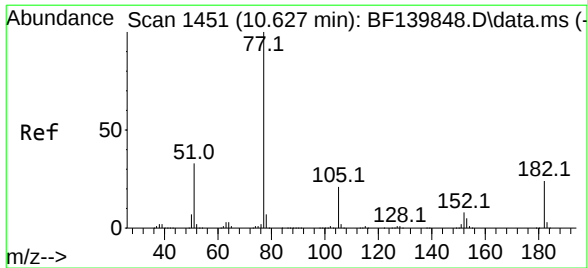
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#62
4-Nitroaniline
Concen: 56.765 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.018 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Tgt Ion:	138	Resp:	175527
Ion	Ratio	Lower	Upper
138	100		
92	54.2	35.7	75.7
108	82.4	57.5	97.5





#63

Azobenzene

Concen: 61.661 ng

RT: 10.633 min Scan# 1452

Delta R.T. 0.006 min

Lab File: BF140210.D

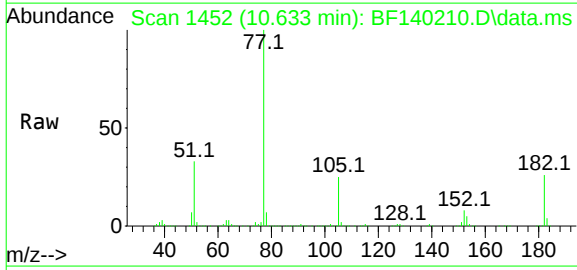
Acq: 01 Nov 2024 14:53

Instrument :

BNA_F

ClientSampleId :

RES-BUILDING-PAD-NO-2MSD



Tgt Ion: 77 Resp: 941124

Ion Ratio Lower Upper

77 100

182 25.6 3.3 43.3

105 24.7 1.2 41.2

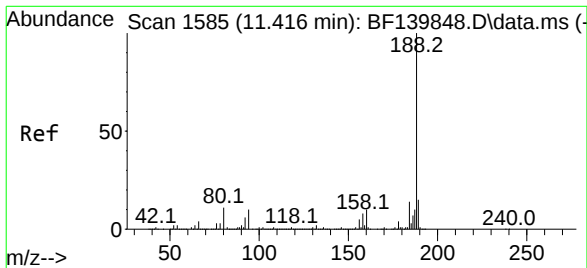
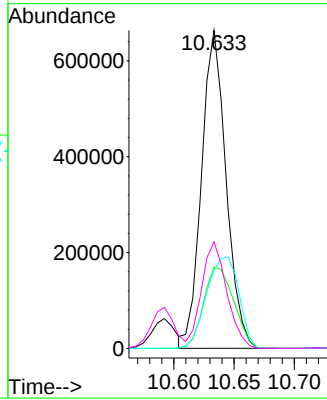
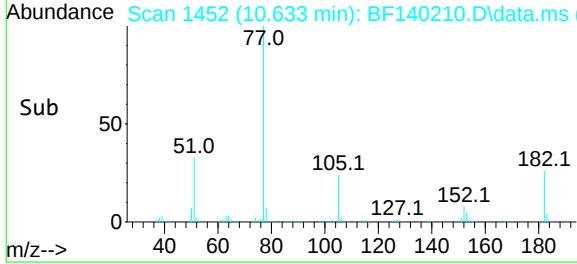
51 33.5 13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF140210.D

Acq: 01 Nov 2024 14:53

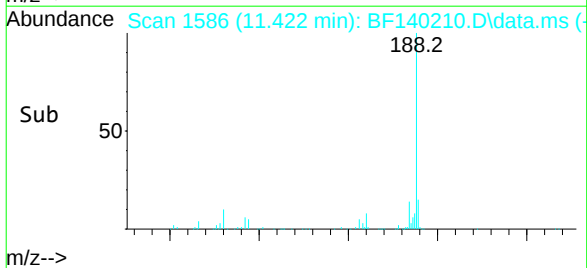
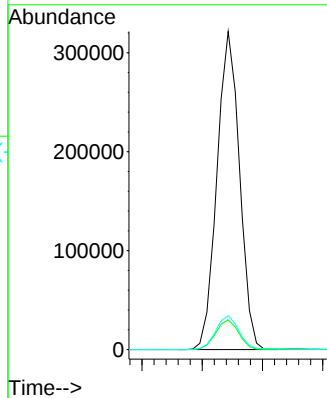
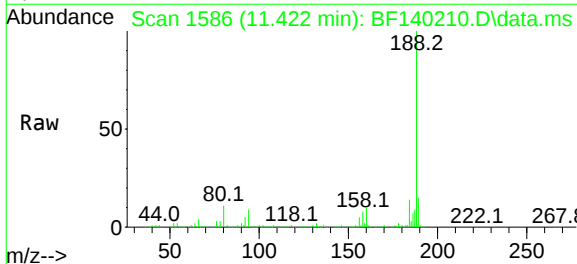
Tgt Ion:188 Resp: 418261

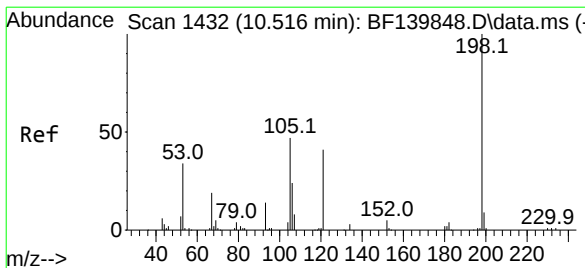
Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

80 10.7 9.0 13.4





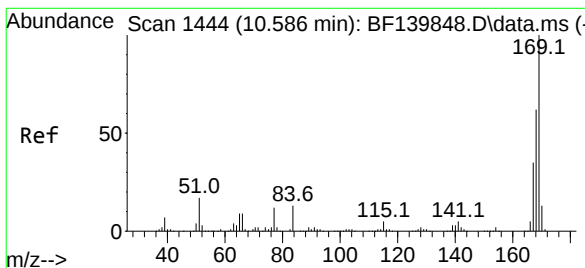
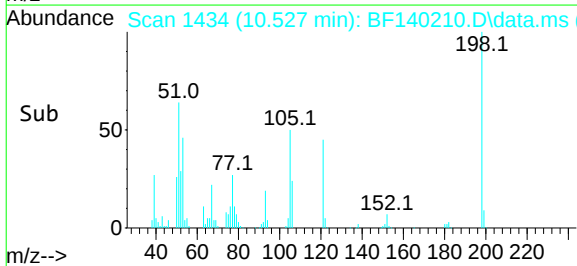
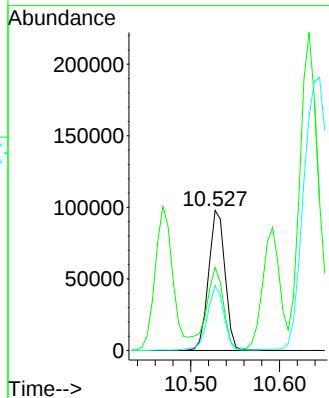
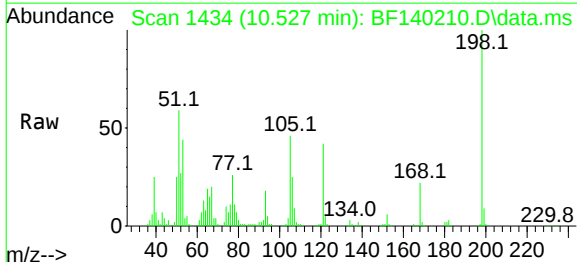
#65
4,6-Dinitro-2-methylphenol
Concen: 73.723 ng
RT: 10.527 min Scan# 1432
Delta R.T. 0.011 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD

Tgt Ion:198 Resp: 125776
Ion Ratio Lower Upper
198 100
51 59.4 38.2 78.2
105 46.3 27.9 67.9

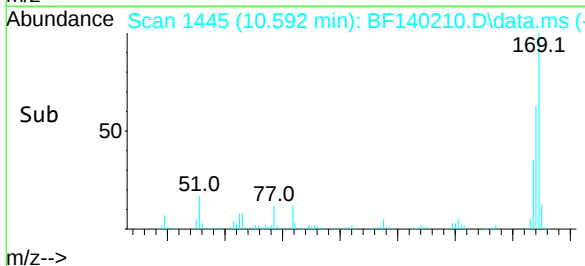
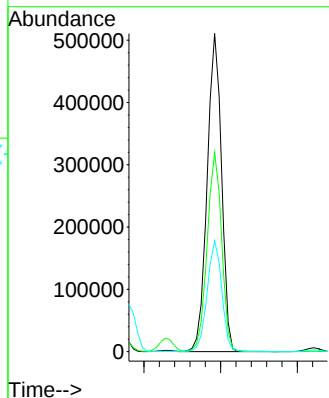
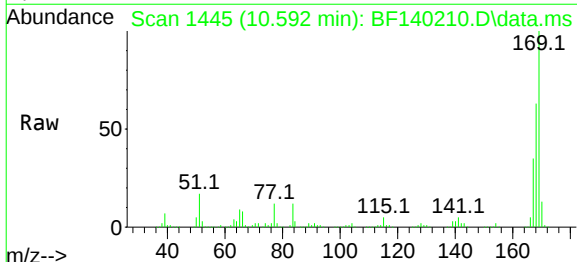
Manual Integrations
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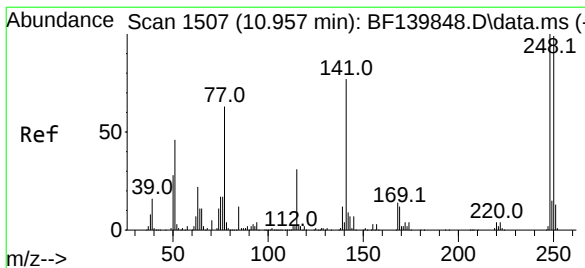
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#66
n-Nitrosodiphenylamine
Concen: 53.139 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Tgt Ion:169 Resp: 665221
Ion Ratio Lower Upper
169 100
168 62.6 49.8 74.6
167 34.8 28.0 42.0





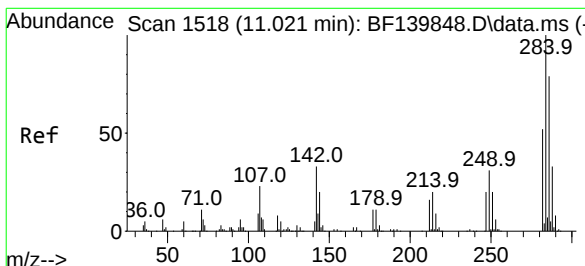
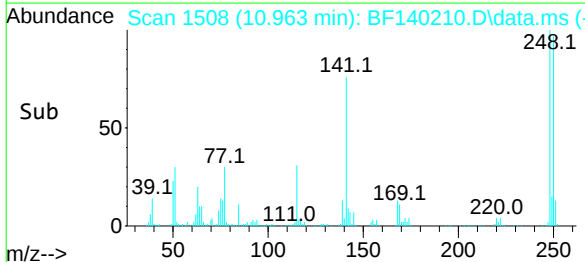
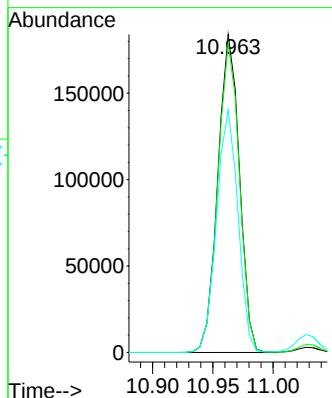
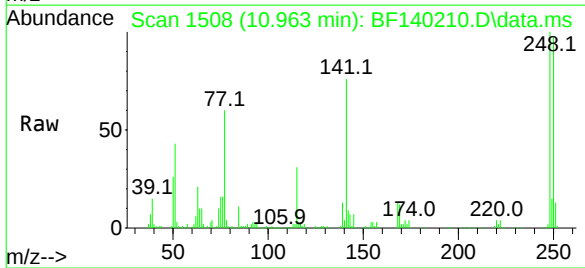
#67
4-Bromophenyl-phenylether
Concen: 53.270 ng
RT: 10.963 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD

Tgt Ion:248 Resp: 229535
Ion Ratio Lower Upper
248 100
250 97.1 79.0 118.6
141 76.2 61.7 92.5

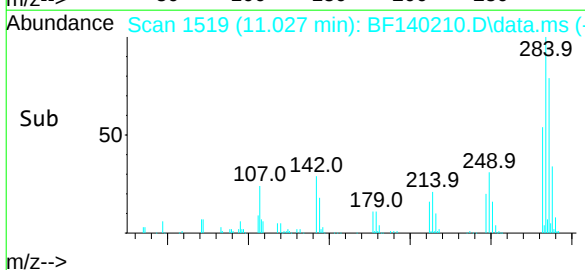
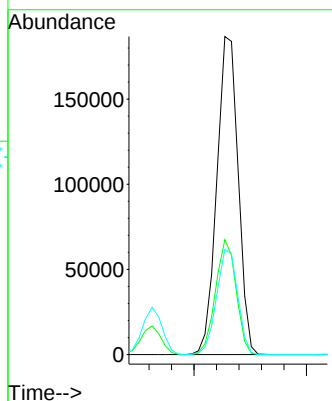
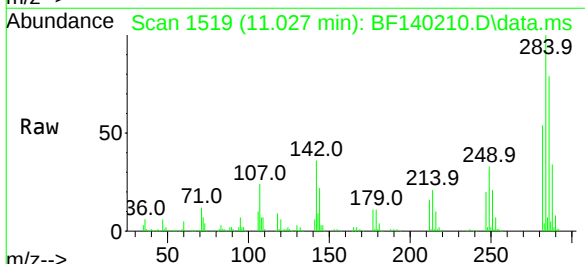
Manual Integrations
APPROVED

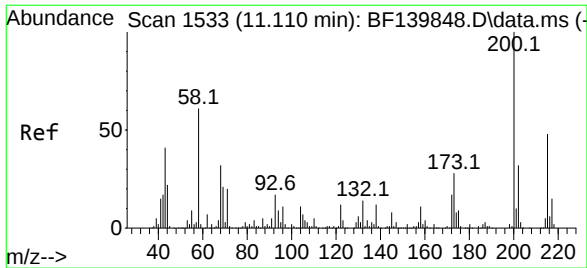
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#68
Hexachlorobenzene
Concen: 50.884 ng
RT: 11.027 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Tgt Ion:284 Resp: 246586
Ion Ratio Lower Upper
284 100
142 36.1 26.9 40.3
249 33.1 25.3 37.9





#69

Atrazine

Concen: 62.988 ng

RT: 11.122 min Scan# 1535

Delta R.T. 0.012 min

Lab File: BF140210.D

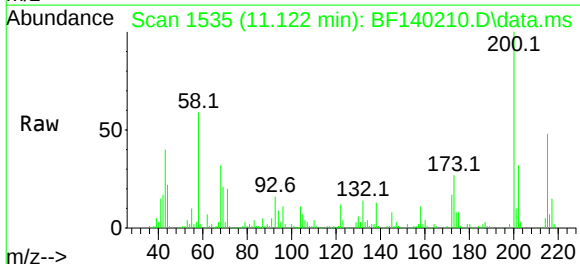
Acq: 01 Nov 2024 14:53

Instrument :

BNA_F

ClientSampleId :

RES-BUILDING-PAD-NO-2MSD



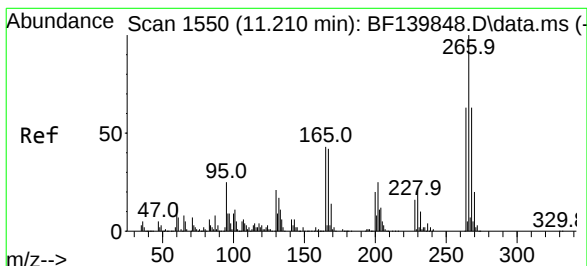
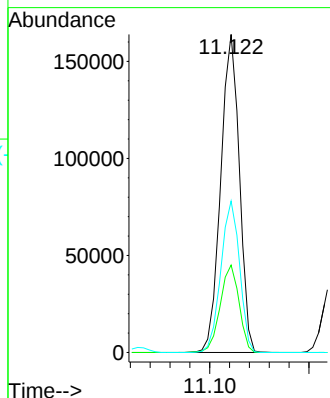
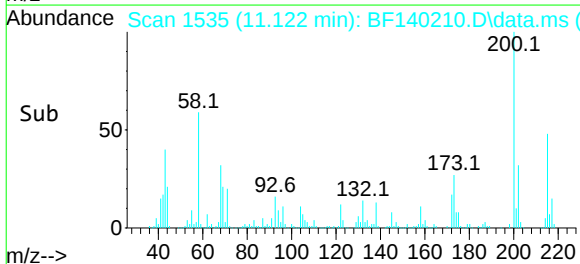
Tgt Ion:	200	Resp:	213598
Ion Ratio	Lower	Upper	
200	100		
173	27.5	7.7	47.7
215	47.6	27.7	67.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#70

Pentachlorophenol

Concen: 102.800 ng

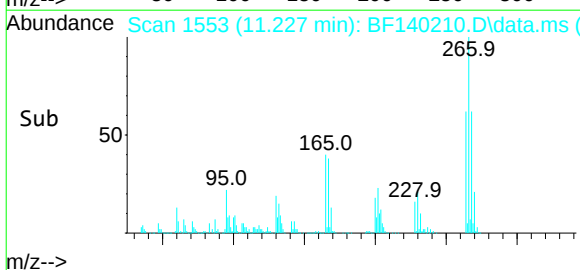
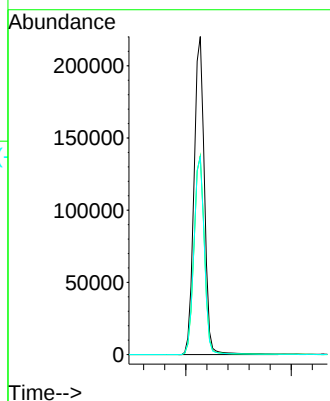
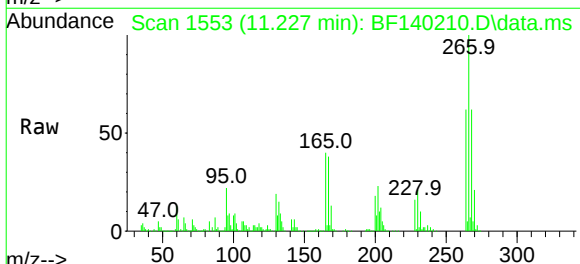
RT: 11.227 min Scan# 1553

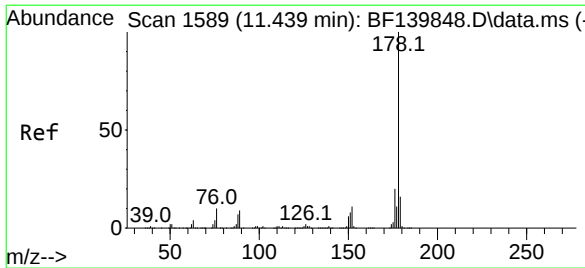
Delta R.T. 0.018 min

Lab File: BF140210.D

Acq: 01 Nov 2024 14:53

Tgt Ion:	266	Resp:	302344
Ion Ratio	Lower	Upper	
266	100		
268	62.4	50.4	75.6
264	62.1	50.6	75.8





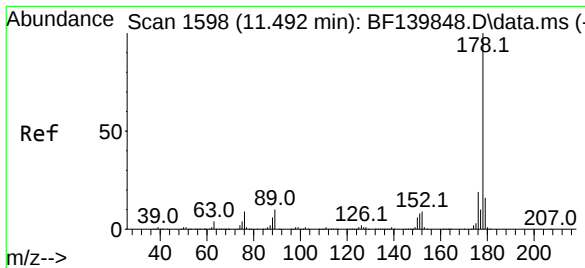
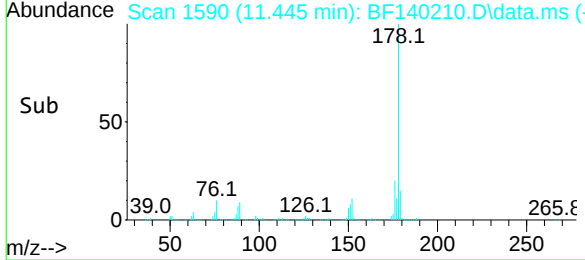
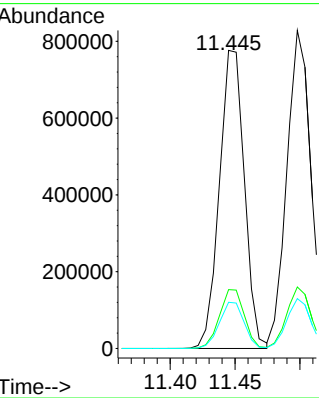
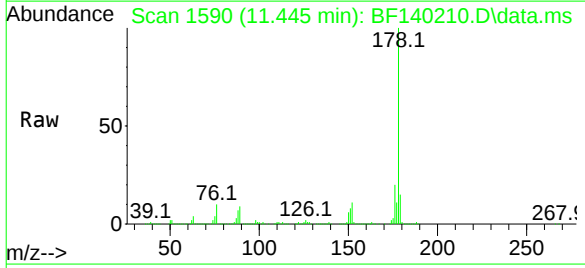
#71
Phenanthrene
Concen: 52.723 ng
RT: 11.445 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD

Tgt Ion:	178	Resp:	1041649
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	15.5	12.6	18.8

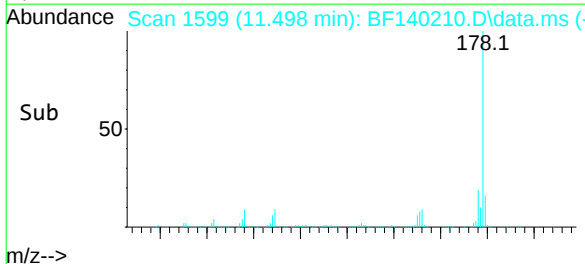
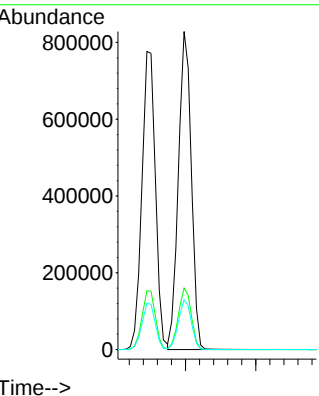
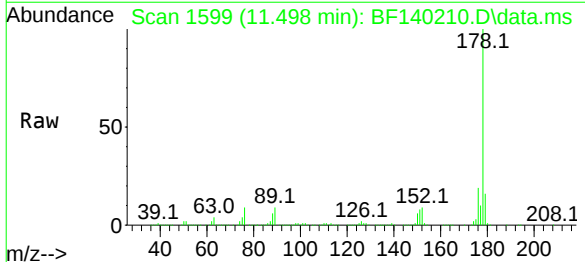
Manual Integrations
APPROVED

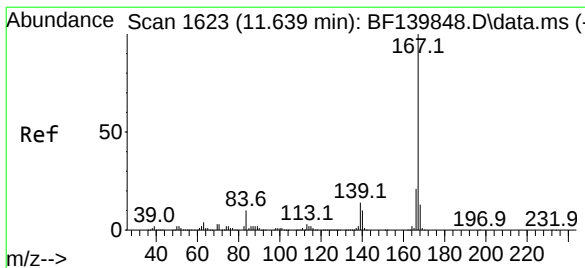
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#72
Anthracene
Concen: 54.834 ng
RT: 11.498 min Scan# 1599
Delta R.T. 0.006 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Tgt Ion:	178	Resp:	1056998
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.7	12.4	18.6





#73

Carbazole

Concen: 51.417 ng

RT: 11.651 min Scan# 16

Delta R.T. 0.012 min

Lab File: BF140210.D

Acq: 01 Nov 2024 14:53

Instrument :

BNA_F

ClientSampleId :

RES-BUILDING-PAD-NO-2MSD

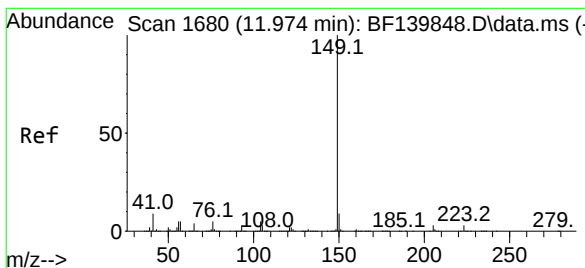
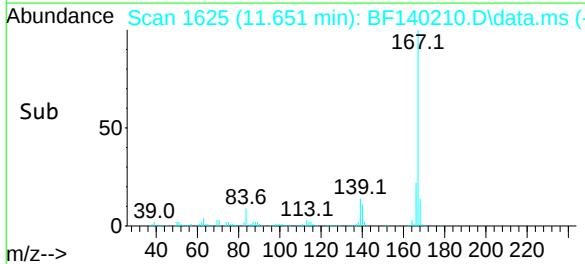
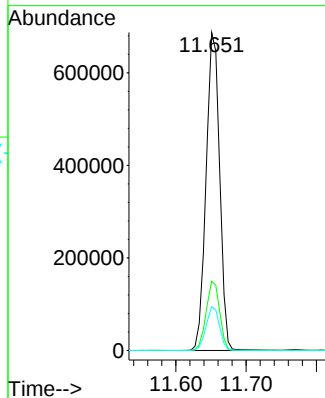
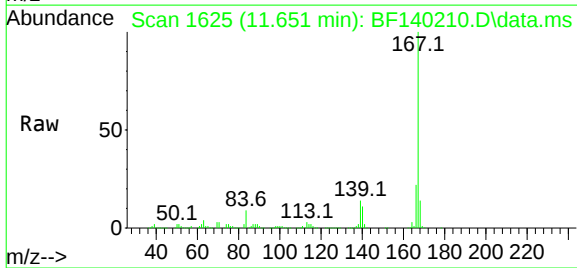
Tgt Ion:	167	Resp:	921781
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.6
139	13.8	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#74

Di-n-butylphthalate

Concen: 57.267 ng

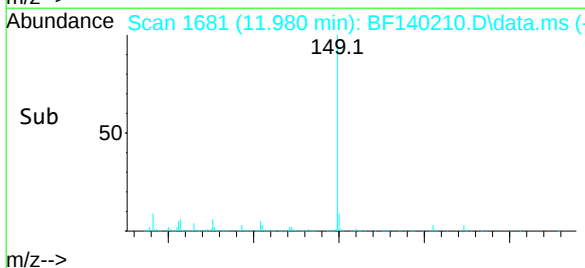
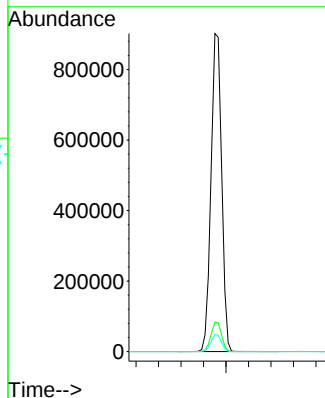
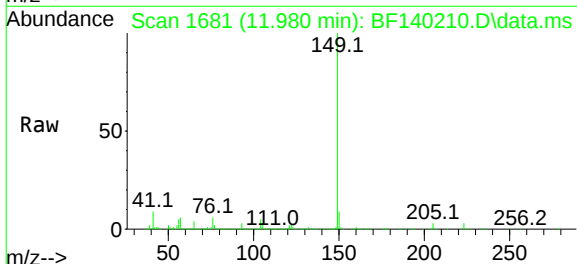
RT: 11.980 min Scan# 1681

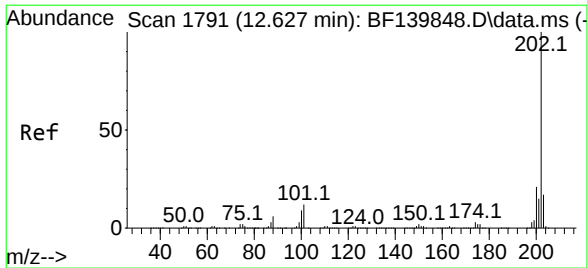
Delta R.T. 0.006 min

Lab File: BF140210.D

Acq: 01 Nov 2024 14:53

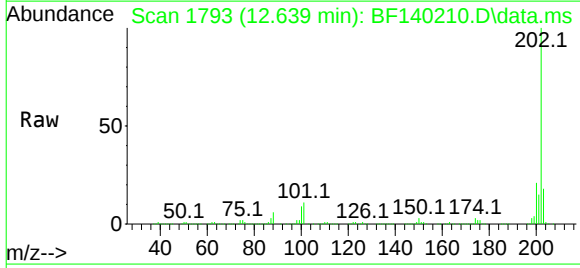
Tgt Ion:	149	Resp:	1186133
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.4	4.1	6.1





#75
Fluoranthene
Concen: 51.687 ng
RT: 12.639 min Scan# 1793
Delta R.T. 0.012 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

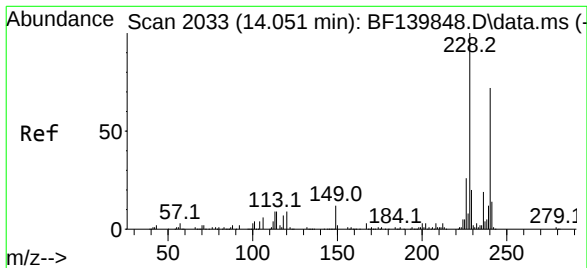
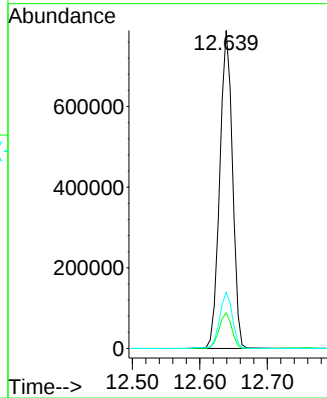
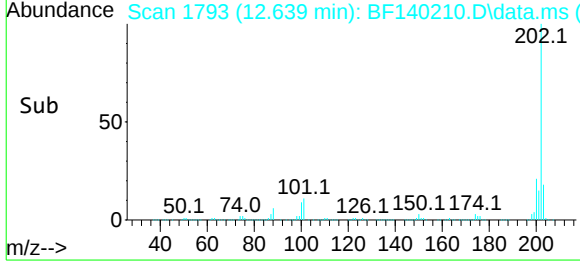
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD



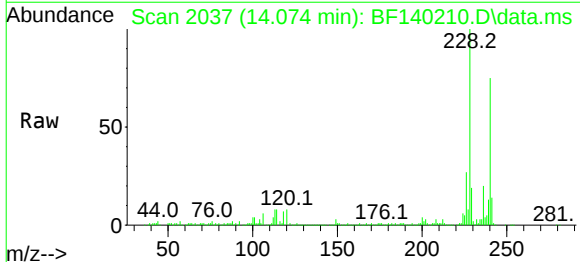
Tgt Ion: 202 Resp: 1032334
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.9
203 17.6 0.0 37.5

Manual Integrations
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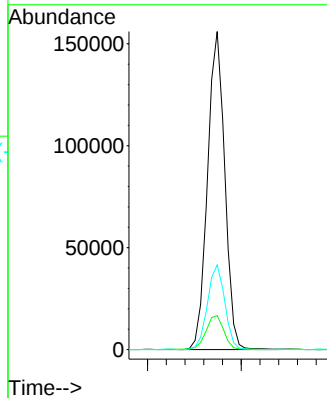
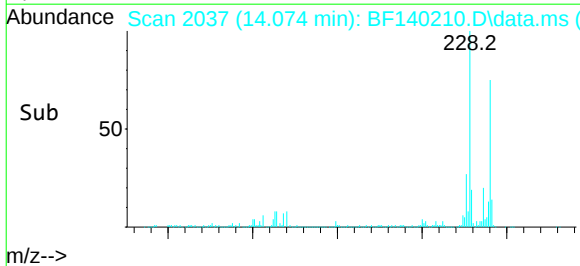
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

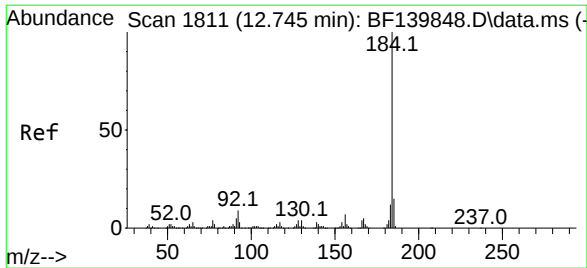


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2037
Delta R.T. 0.024 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53



Tgt Ion: 240 Resp: 199568
Ion Ratio Lower Upper
240 100
120 10.7 9.4 14.2
236 26.7 20.9 31.3





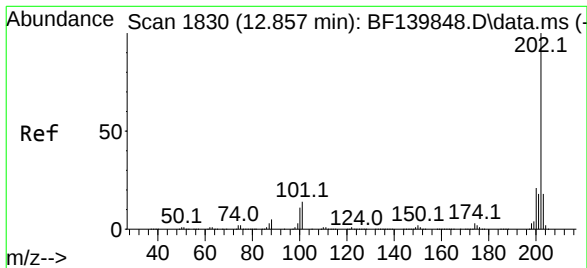
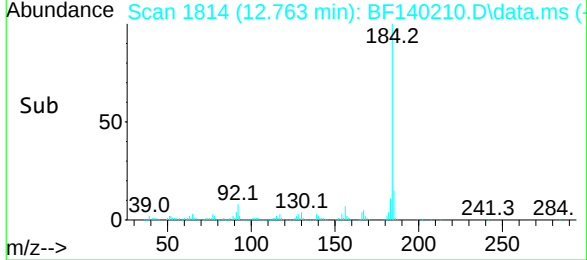
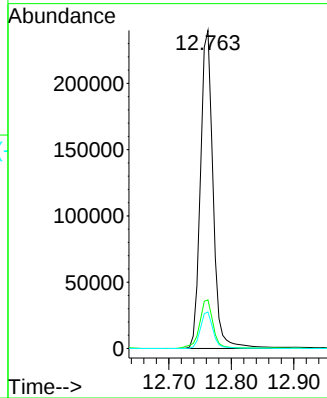
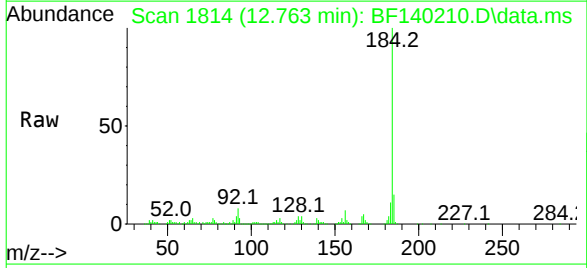
#77
Benzidine
Concen: 102.635 ng
RT: 12.763 min Scan# 1811
Delta R.T. 0.018 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD

Tgt Ion:184 Resp: 336803
Ion Ratio Lower Upper
184 100
185 15.3 12.0 18.0
183 11.5 9.4 14.2

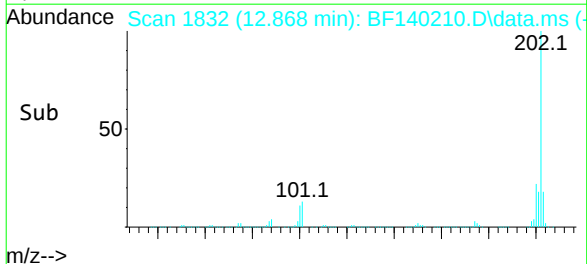
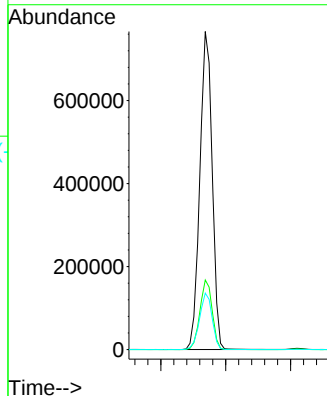
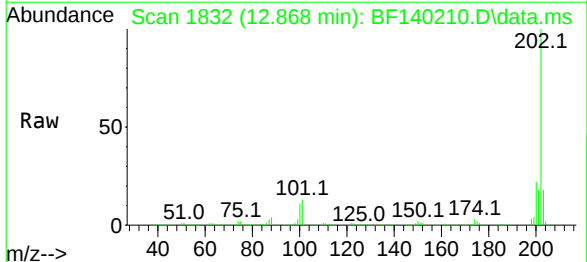
Manual Integrations
APPROVED

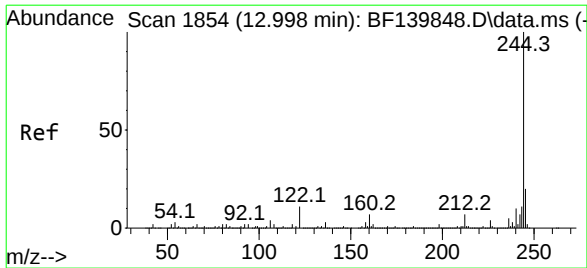
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#78
Pyrene
Concen: 57.955 ng
RT: 12.868 min Scan# 1832
Delta R.T. 0.012 min
Lab File: BF140210.D
Acq: 01 Nov 2024 14:53

Tgt Ion:202 Resp: 1012412
Ion Ratio Lower Upper
202 100
200 21.9 17.2 25.8
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 94.845 ng

RT: 13.010 min Scan# 1856

Delta R.T. 0.012 min

Lab File: BF140210.D

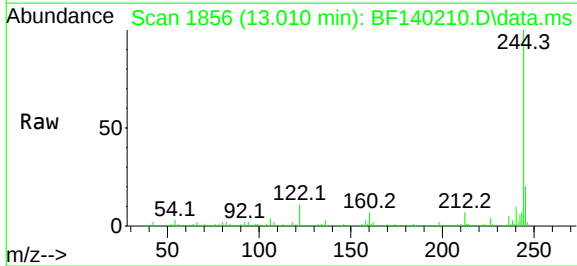
Acq: 01 Nov 2024 14:53

Instrument :

BNA_F

ClientSampleId :

RES-BUILDING-PAD-NO-2MSD



Tgt Ion:244 Resp: 1161598

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

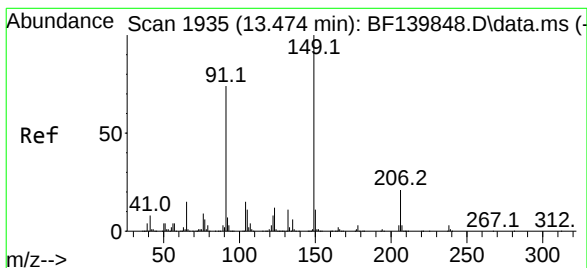
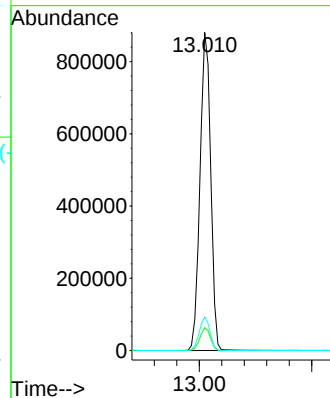
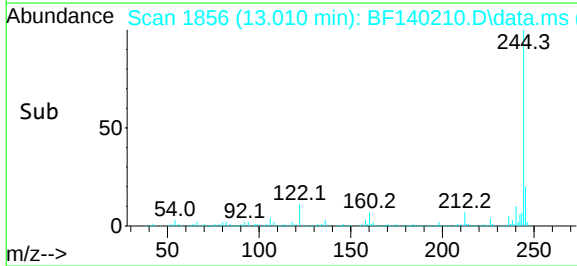
122 10.5 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#80

Butylbenzylphthalate

Concen: 82.227 ng

RT: 13.492 min Scan# 1938

Delta R.T. 0.018 min

Lab File: BF140210.D

Acq: 01 Nov 2024 14:53

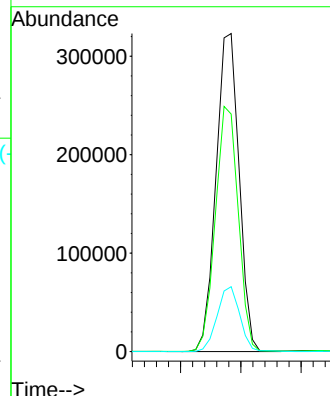
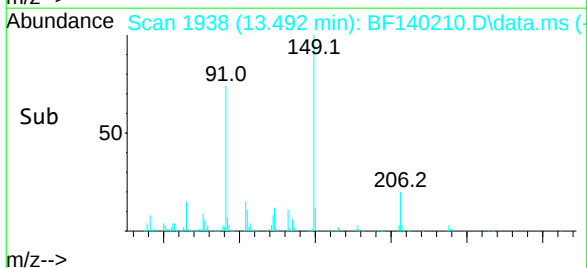
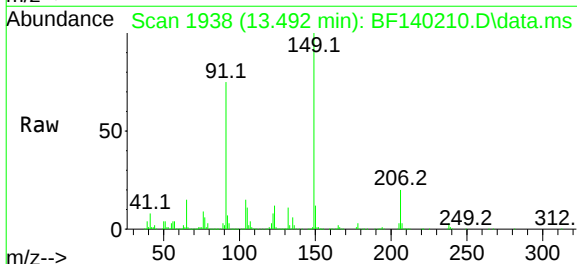
Tgt Ion:149 Resp: 430637

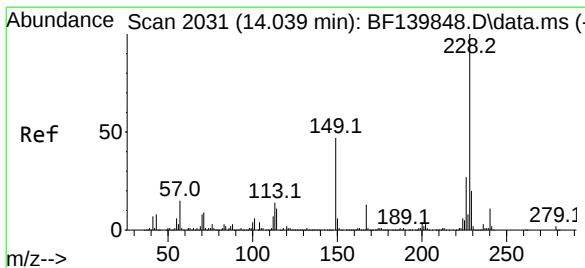
Ion Ratio Lower Upper

149 100

91 74.7 59.4 89.2

206 20.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 54.407 ng

RT: 14.063 min Scan# 20

Delta R.T. 0.024 min

Lab File: BF140210.D

Acq: 01 Nov 2024 14:53

Instrument :

BNA_F

ClientSampleId :

RES-BUILDING-PAD-NO-2MSD

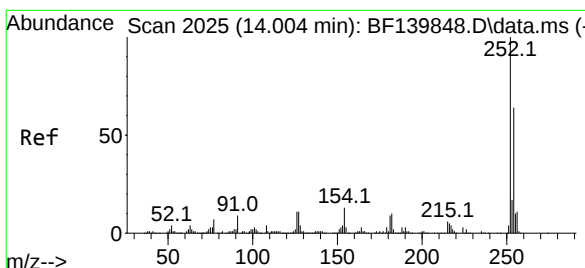
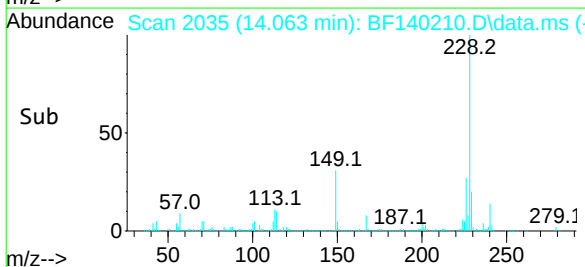
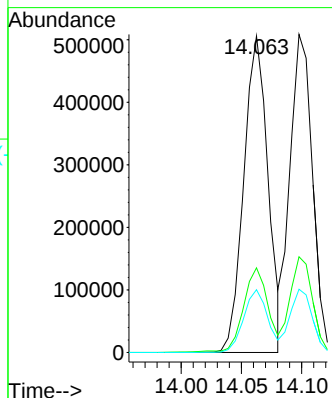
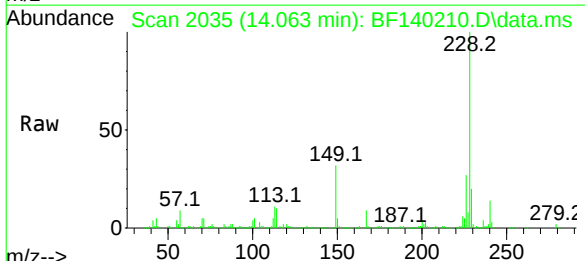
Tgt Ion:	228	Resp:	706811
Ion Ratio	Lower	Upper	
228	100		
226	26.7	21.6	32.4
229	19.8	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#82

3,3'-Dichlorobenzidine

Concen: 46.880 ng

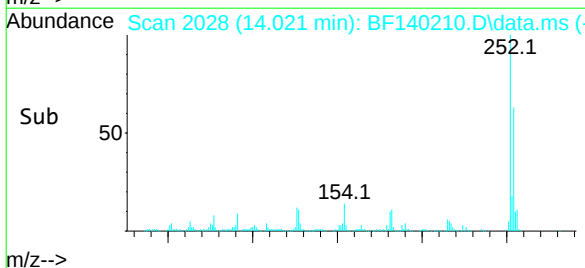
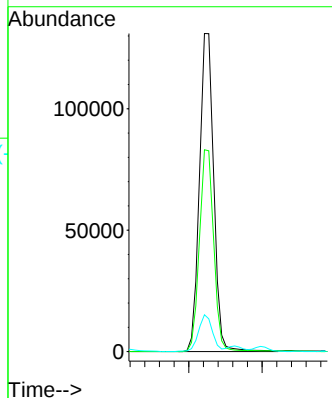
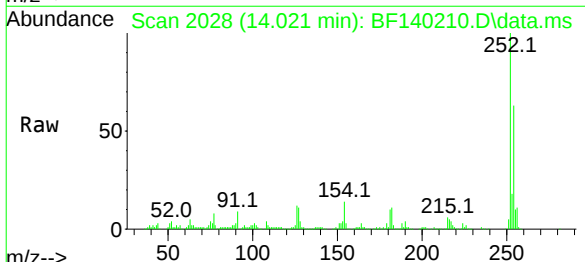
RT: 14.021 min Scan# 2028

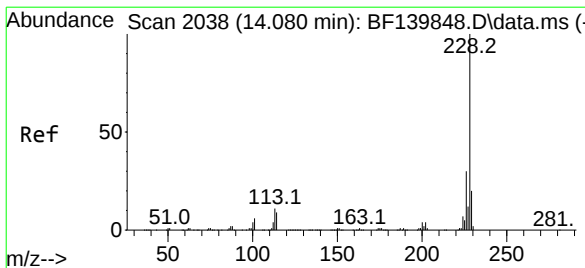
Delta R.T. 0.018 min

Lab File: BF140210.D

Acq: 01 Nov 2024 14:53

Tgt Ion:	252	Resp:	177573
Ion Ratio	Lower	Upper	
252	100		
254	63.5	50.8	76.2
126	11.6	8.9	13.3





#83

Chrysene

Concen: 55.652 ng

RT: 14.098 min Scan# 2038

Delta R.T. 0.018 min

Lab File: BF140210.D

Acq: 01 Nov 2024 14:53

Instrument :

BNA_F

ClientSampleId :

RES-BUILDING-PAD-NO-2MSD

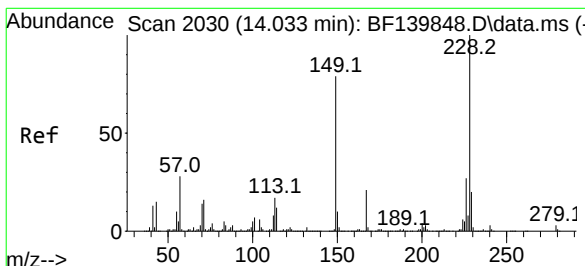
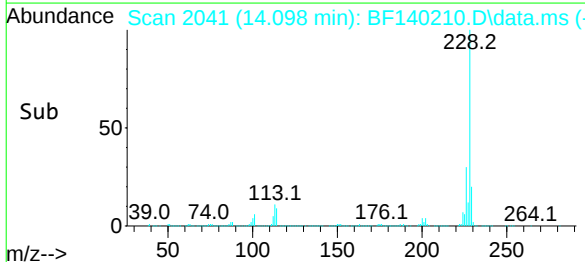
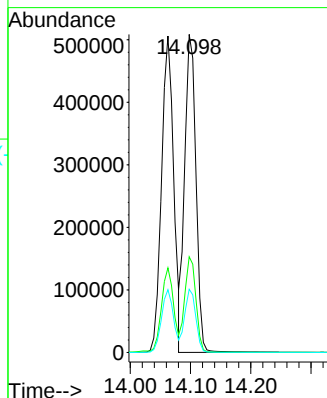
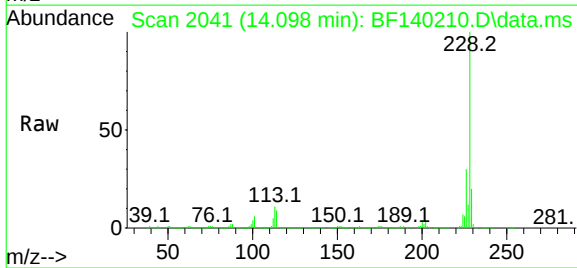
Tgt Ion:	228	Resp:	662888
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.1	36.1
229	19.9	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 90.728 ng

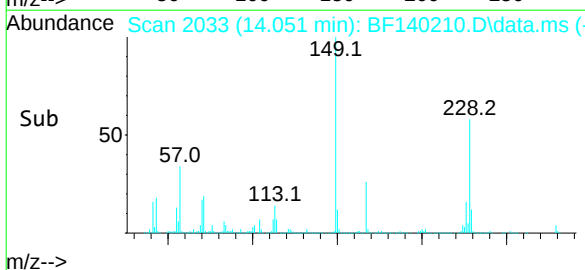
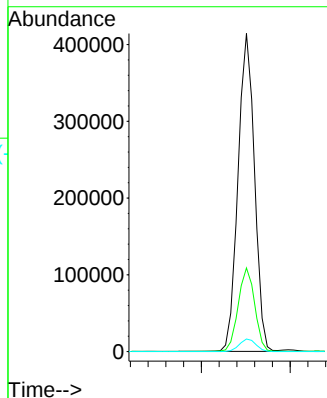
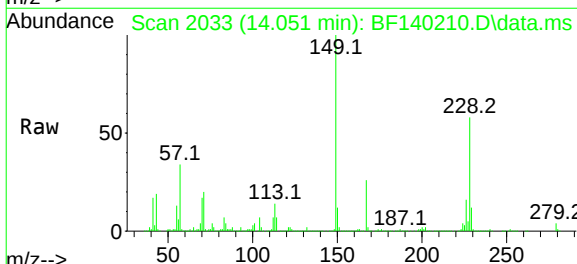
RT: 14.051 min Scan# 2033

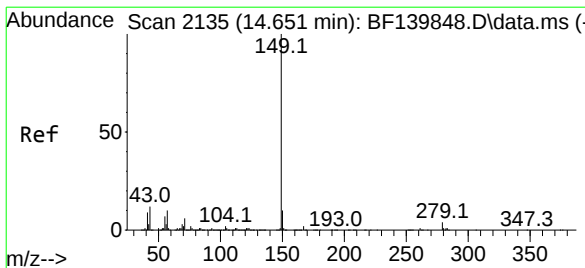
Delta R.T. 0.018 min

Lab File: BF140210.D

Acq: 01 Nov 2024 14:53

Tgt Ion:	149	Resp:	533105
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.4	32.0
279	4.0	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 70.999 ng

RT: 14.668 min Scan# 2135

Delta R.T. 0.017 min

Lab File: BF140210.D

Acq: 01 Nov 2024 14:53

Instrument :

BNA_F

ClientSampleId :

RES-BUILDING-PAD-NO-2MSD

Tgt Ion:149 Resp: 758803

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

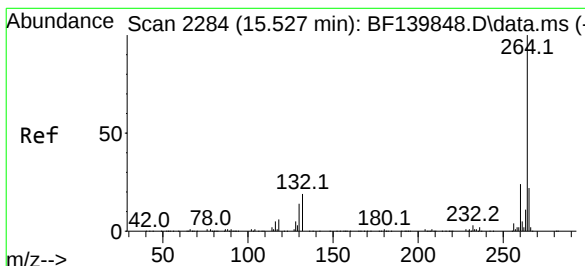
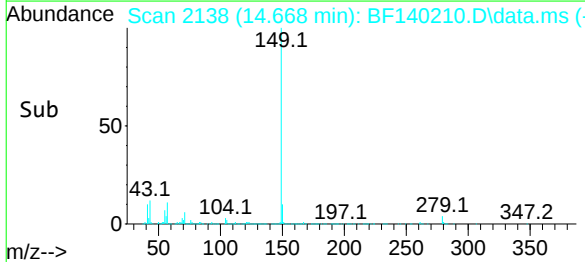
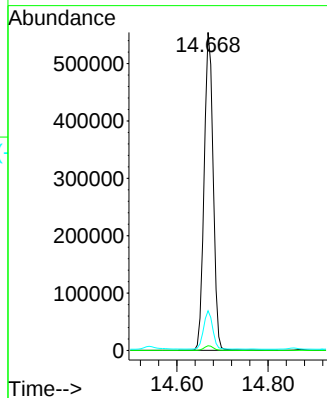
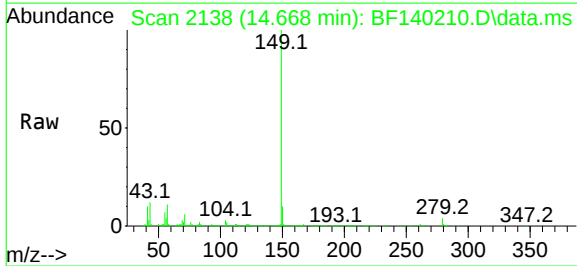
43 12.1 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2291

Delta R.T. 0.041 min

Lab File: BF140210.D

Acq: 01 Nov 2024 14:53

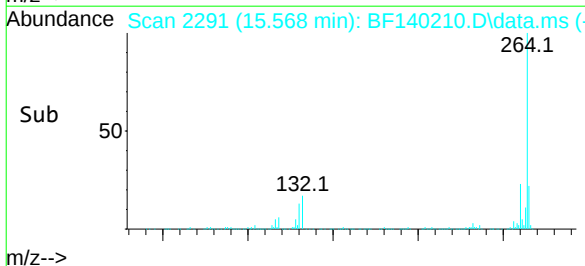
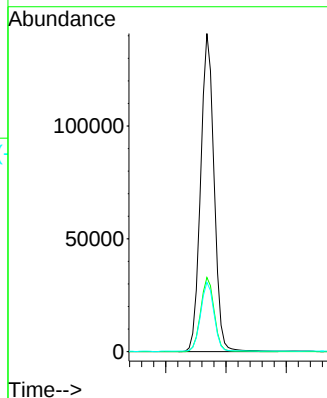
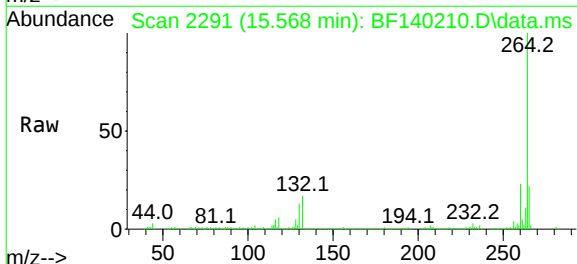
Tgt Ion:264 Resp: 218473

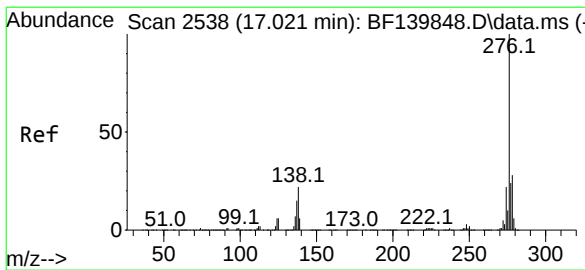
Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.739 ng

RT: 17.098 min Scan# 2538

Delta R.T. 0.077 min

Lab File: BF140210.D

Acq: 01 Nov 2024 14:53

Instrument :

BNA_F

ClientSampleId :

RES-BUILDING-PAD-NO-2MSD

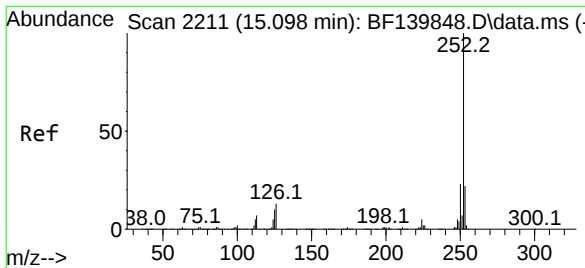
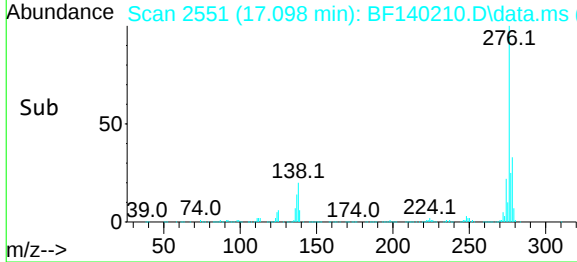
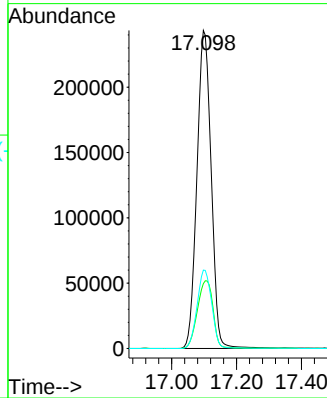
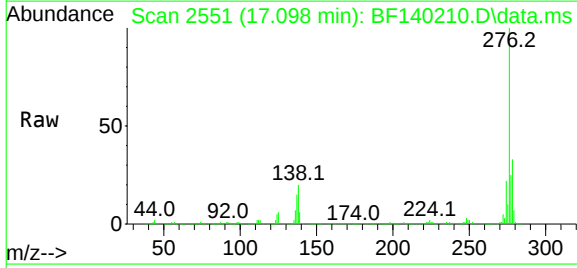
Tgt Ion:	276	Resp:	741236
Ion	Ratio	Lower	Upper
276	100		
138	23.6	20.4	30.6
277	25.2	20.2	30.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#88

Benzo(b)fluoranthene

Concen: 51.842 ng

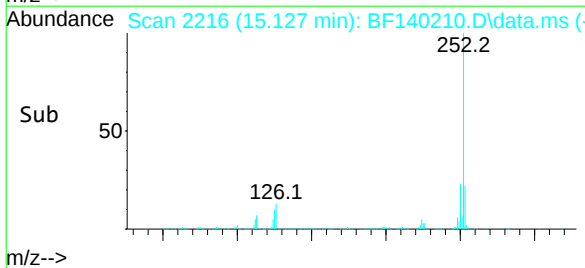
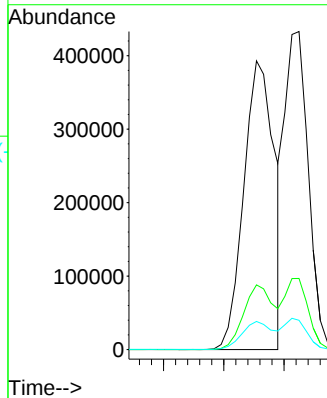
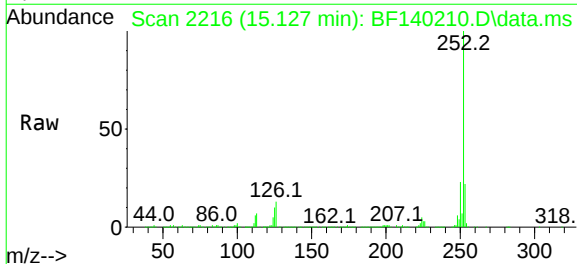
RT: 15.127 min Scan# 2216

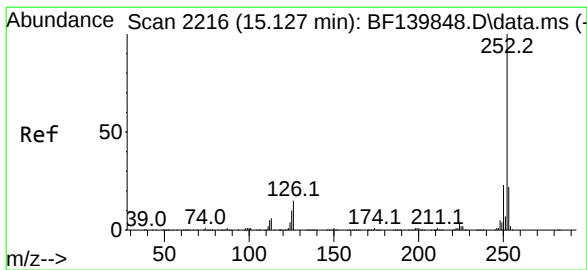
Delta R.T. 0.029 min

Lab File: BF140210.D

Acq: 01 Nov 2024 14:53

Tgt Ion:	252	Resp:	689931
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	9.8	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 52.170 ng

RT: 15.162 min Scan# 2216

Delta R.T. 0.035 min

Lab File: BF140210.D

Acq: 01 Nov 2024 14:53

Instrument :

BNA_F

ClientSampleId :

RES-BUILDING-PAD-NO-2MSD

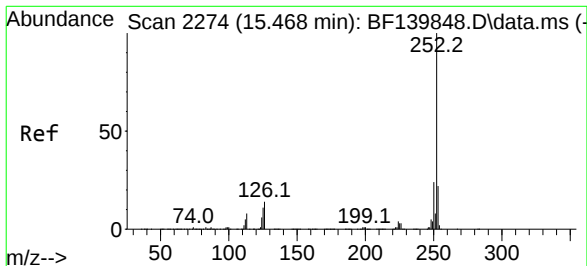
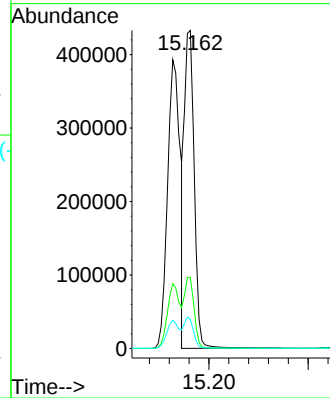
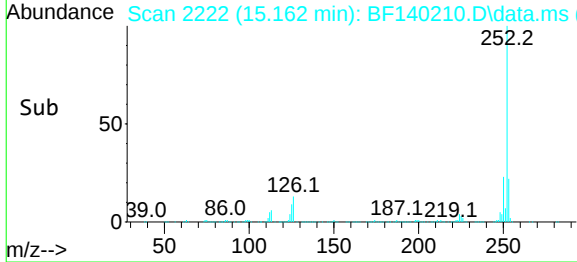
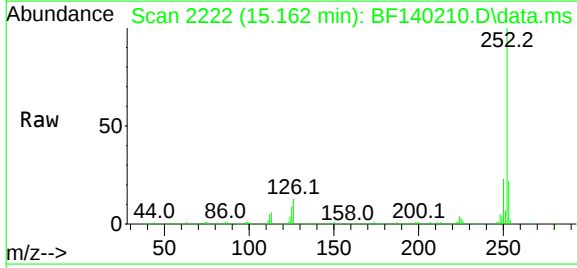
Tgt Ion:	252	Resp:	598776
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	9.2	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#90

Benzo(a)pyrene

Concen: 57.696 ng

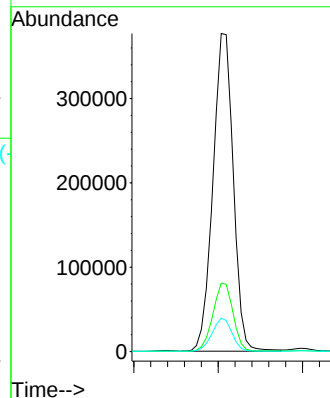
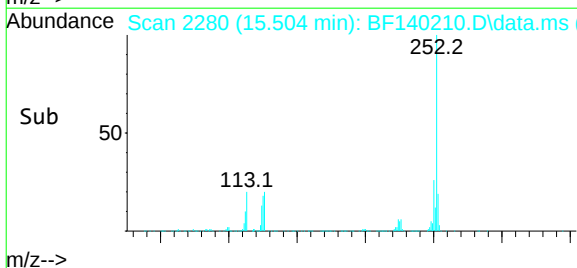
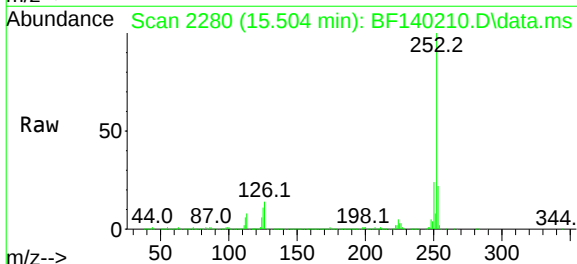
RT: 15.504 min Scan# 2280

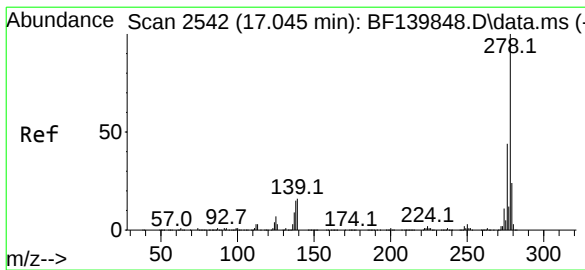
Delta R.T. 0.035 min

Lab File: BF140210.D

Acq: 01 Nov 2024 14:53

Tgt Ion:	252	Resp:	631809
Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	10.5	8.7	13.1





#91

Dibenzo(a,h)anthracene

Concen: 52.002 ng

RT: 17.121 min Scan# 2555

Delta R.T. 0.077 min

Lab File: BF140210.D

Acq: 01 Nov 2024 14:53

Instrument :

BNA_F

ClientSampleId :

RES-BUILDING-PAD-NO-2MSD

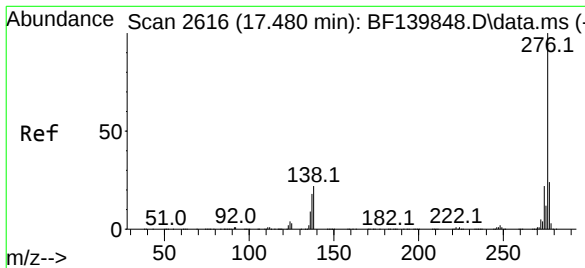
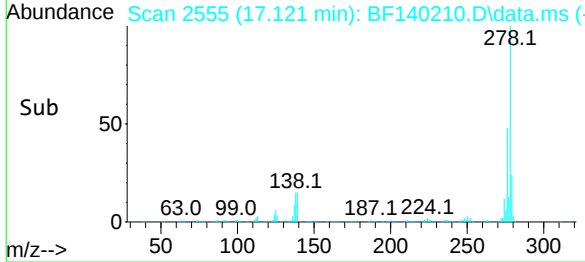
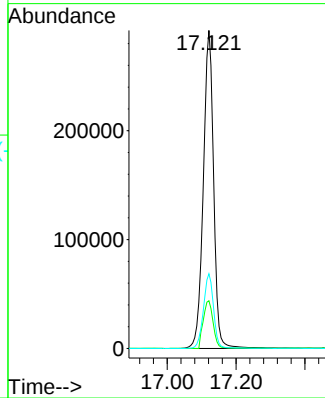
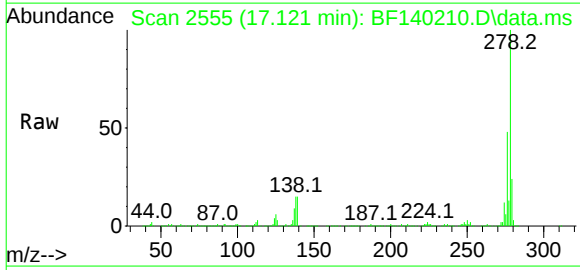
Tgt Ion:	278	Resp:	609721
Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.1	19.7
279	23.5	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#92

Benzo(g,h,i)perylene

Concen: 45.569 ng

RT: 17.562 min Scan# 2630

Delta R.T. 0.082 min

Lab File: BF140210.D

Acq: 01 Nov 2024 14:53

Tgt Ion:	276	Resp:	533692
Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.6
138	20.5	17.4	26.0

