

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110124\
 Data File : BF140209.D
 Acq On : 01 Nov 2024 14:27
 Operator : RC/JU
 Sample : P4663-08MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 01 14:53:42 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	109344	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	436831	20.000	ng	-0.01
39) Acenaphthene-d10	9.928	164	250775	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	453631	20.000	ng	0.00
76) Chrysene-d12	14.074	240	223586	20.000	ng	0.02
86) Perylene-d12	15.568	264	232464	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	724961	103.793	ng	0.01
7) Phenol-d6	6.510	99	940607	103.977	ng	0.00
23) Nitrobenzene-d5	7.445	82	641831	81.433	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	260711	111.146	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1151750	75.904	ng	0.00
79) Terphenyl-d14	13.010	244	1184293	86.311	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.752	88	129899	39.888	ng	98
3) Pyridine	3.504	79	324457	40.195	ng	96
4) n-Nitrosodimethylamine	3.457	42	206659	47.651	ng	# 91
6) Aniline	6.545	93	340812	40.424	ng	97
8) 2-Chlorophenol	6.669	128	365786	51.227	ng	98
9) Benzaldehyde	6.434	77	64850	12.743	ng	98
10) Phenol	6.528	94	467149m	50.090	ng	
11) bis(2-Chloroethyl)ether	6.622	93	355594	49.330	ng	98
12) 1,3-Dichlorobenzene	6.828	146	390215	47.607	ng	100
13) 1,4-Dichlorobenzene	6.904	146	392139	47.886	ng	100
14) 1,2-Dichlorobenzene	7.051	146	375795	49.170	ng	100
15) Benzyl Alcohol	7.022	79	351797	53.015	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	638462	51.943	ng	99
17) 2-Methylphenol	7.134	107	310623	51.017	ng	97
18) Hexachloroethane	7.398	117	142700	48.867	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	276540	50.403	ng	99
20) 3+4-Methylphenols	7.287	107	376610	48.359	ng	# 77
22) Acetophenone	7.292	105	510174	47.682	ng	97
24) Nitrobenzene	7.463	77	421988	48.833	ng	99
25) Isophorone	7.704	82	763314	51.026	ng	99
26) 2-Nitrophenol	7.781	139	195206	59.879	ng	98
27) 2,4-Dimethylphenol	7.816	122	308534	56.758	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	445939	49.202	ng	99
29) 2,4-Dichlorophenol	8.022	162	310304	50.117	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	317160	46.293	ng	99
31) Naphthalene	8.187	128	1093246	48.526	ng	100
32) Benzoic acid	7.934	122	220440	46.495	ng	100
33) 4-Chloroaniline	8.234	127	162025	21.091	ng	99
34) Hexachlorobutadiene	8.304	225	211631	49.163	ng	98
35) Caprolactam	8.610	113	103436m	52.539	ng	
36) 4-Chloro-3-methylphenol	8.716	107	349680	51.004	ng	99
37) 2-Methylnaphthalene	8.881	142	694334	50.322	ng	100
38) 1-Methylnaphthalene	8.981	142	644168	47.585	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	331887	49.056	ng	99
41) Hexachlorocyclopentadiene	9.034	237	382117	162.321	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	242443	50.615	ng	99

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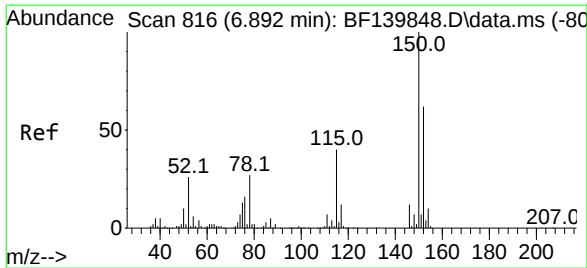
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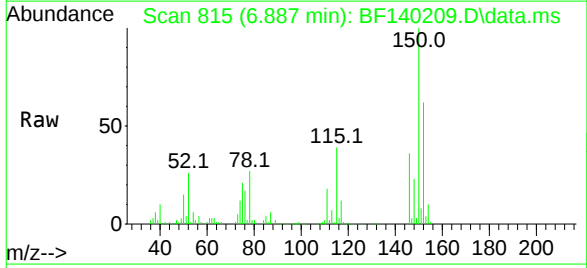
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	241760	48.921	ng	99
46) 1,1'-Biphenyl	9.345	154	845728	48.445	ng	99
47) 2-Chloronaphthalene	9.369	162	669578	47.621	ng	98
48) 2-Nitroaniline	9.469	65	247721	57.605	ng	98
49) Acenaphthylene	9.792	152	1054552	51.878	ng	99
50) Dimethylphthalate	9.651	163	803664	51.450	ng	100
51) 2,6-Dinitrotoluene	9.710	165	176490	52.184	ng	96
52) Acenaphthene	9.963	154	734613	55.865	ng	99
53) 3-Nitroaniline	9.881	138	120242	34.475	ng	96
54) 2,4-Dinitrophenol	9.992	184	186032	128.114	ng	# 1
55) Dibenzofuran	10.139	168	919276	48.725	ng	99
56) 4-Nitrophenol	10.045	139	284253	105.933	ng	93
57) 2,4-Dinitrotoluene	10.122	165	243168	58.467	ng	96
58) Fluorene	10.480	166	713514	49.653	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	201098	51.908	ng	99
60) Diethylphthalate	10.357	149	792783	51.692	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	359435	49.530	ng	98
62) 4-Nitroaniline	10.504	138	177917	54.011	ng	96
63) Azobenzene	10.633	77	941594	57.911	ng	96
65) 4,6-Dinitro-2-methylph...	10.528	198	128815	69.617	ng	98
66) n-Nitrosodiphenylamine	10.592	169	661283	48.706	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	230172	49.253	ng	97
68) Hexachlorobenzene	11.028	284	250093	47.584	ng	98
69) Atrazine	11.122	200	219710	59.739	ng	99
70) Pentachlorophenol	11.227	266	300666	94.258	ng	99
71) Phenanthrene	11.445	178	1043455	48.697	ng	100
72) Anthracene	11.498	178	1057230	50.569	ng	100
73) Carbazole	11.651	167	926239	47.637	ng	99
74) Di-n-butylphthalate	11.980	149	1188190	52.893	ng	100
75) Fluoranthene	12.639	202	1039398	47.983	ng	99
77) Benzidine	12.763	184	323149	87.896	ng	98
78) Pyrene	12.869	202	1044880	53.389	ng	100
80) Butylbenzylphthalate	13.486	149	434089	73.982	ng	96
81) Benzo(a)anthracene	14.063	228	727202	49.963	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	168586	39.727	ng	97
83) Chrysene	14.098	228	683337	51.206	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	546086	82.954	ng	99
85) Di-n-octyl phthalate	14.668	149	775336	64.753	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	765016	51.155	ng	98
88) Benzo(b)fluoranthene	15.127	252	713676	50.398	ng	100
89) Benzo(k)fluoranthene	15.157	252	573519	46.962	ng	100
90) Benzo(a)pyrene	15.504	252	630220	54.087	ng	100
91) Dibenzo(a,h)anthracene	17.121	278	624384	50.048	ng	98
92) Benzo(g,h,i)perylene	17.562	276	554578	44.503	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

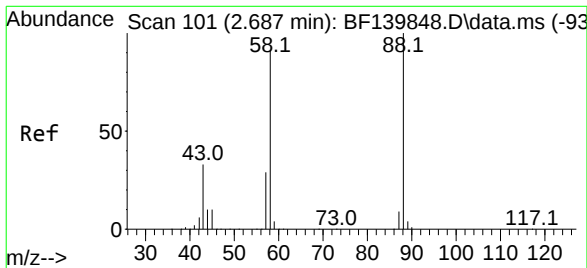
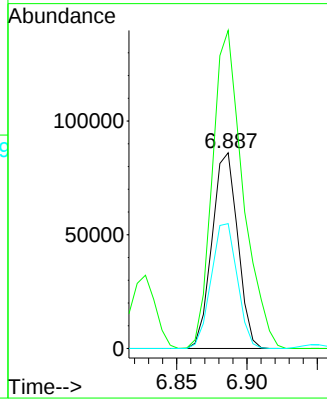
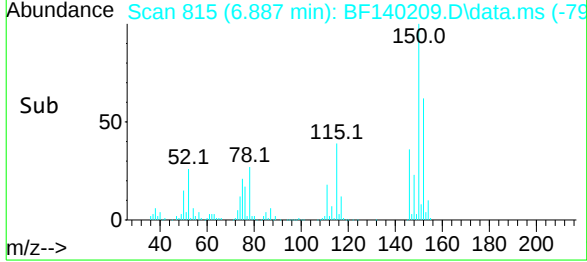
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BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MS



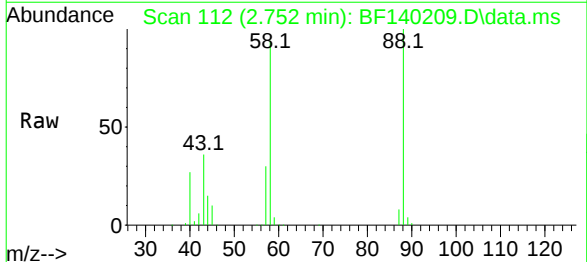
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Ion Ratio Lower Upper
152 100
150 162.5 130.2 195.2
115 63.8 51.4 77.2

Manual Integrations
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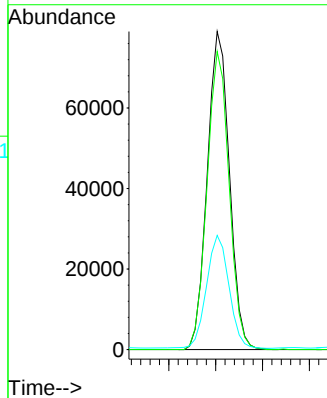
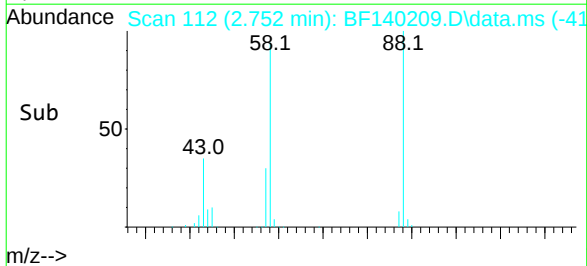
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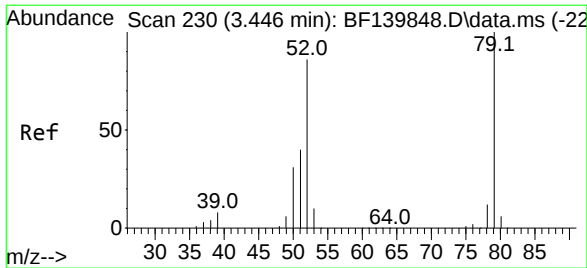


#2
1,4-Dioxane
Concen: 39.888 ng
RT: 2.752 min Scan# 112
Delta R.T. 0.065 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27



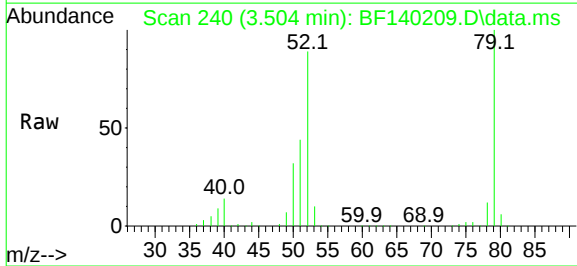
Tgt Ion: 88 Resp: 129899
Ion Ratio Lower Upper
88 100
58 93.3 73.3 109.9
43 36.0 27.1 40.7





#3
Pyridine
Concen: 40.195 ng
RT: 3.504 min Scan# 241
Delta R.T. 0.059 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

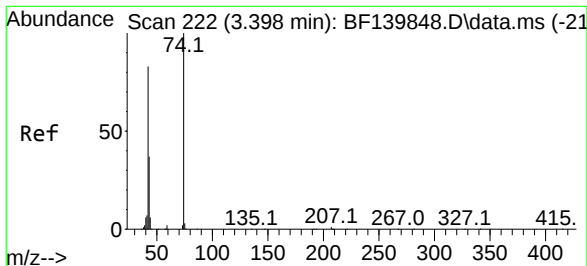
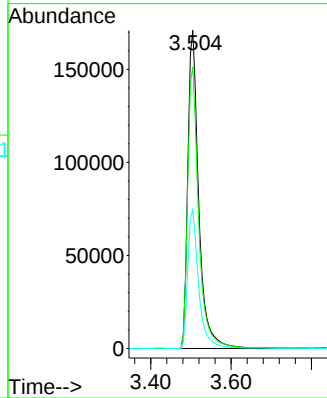
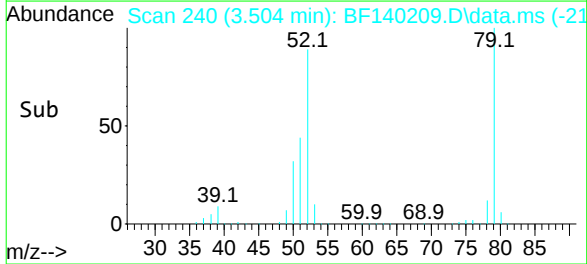
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MS



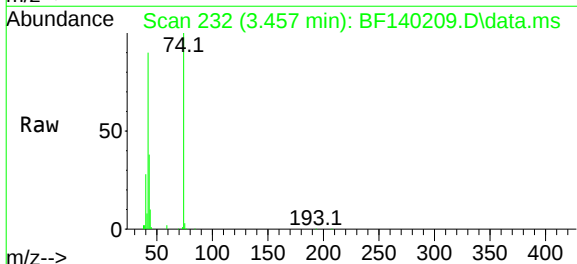
Tgt Ion: 79 Resp: 324457
Ion Ratio Lower Upper
79 100
52 88.6 68.5 102.7
51 43.5 32.3 48.5

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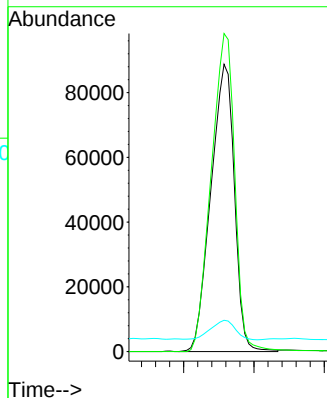
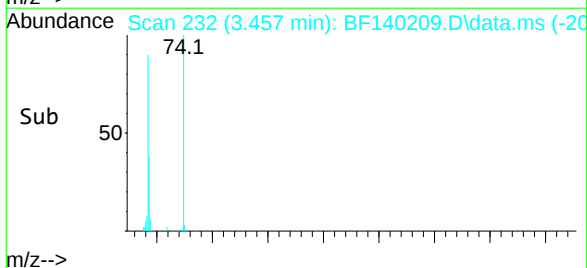
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

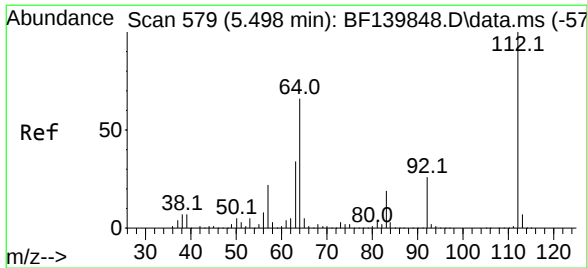


#4
n-Nitrosodimethylamine
Concen: 47.651 ng
RT: 3.457 min Scan# 232
Delta R.T. 0.059 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27



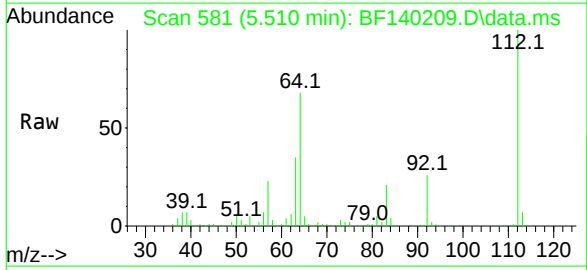
Tgt Ion: 42 Resp: 206659
Ion Ratio Lower Upper
42 100
74 110.7 96.2 144.4
44 10.9 6.2 9.2#





#5
2-Fluorophenol
Concen: 103.793 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

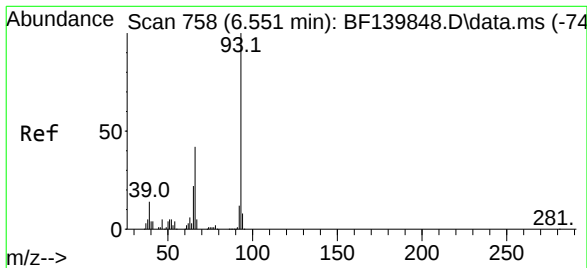
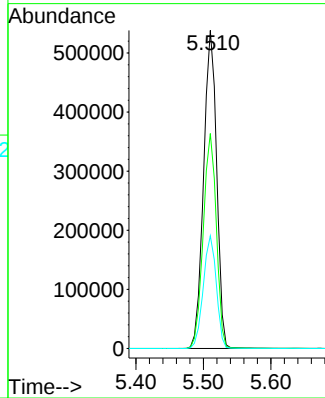
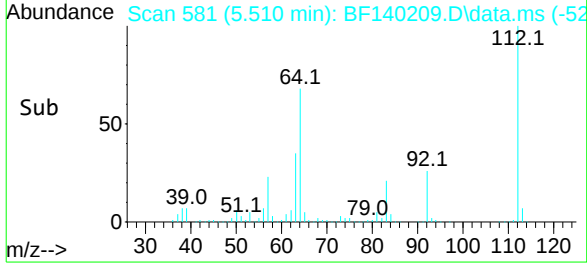
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MS



Tgt Ion: 112 Resp: 724961
Ion Ratio Lower Upper
112 100
64 67.6 53.0 79.6
63 35.4 27.0 40.4

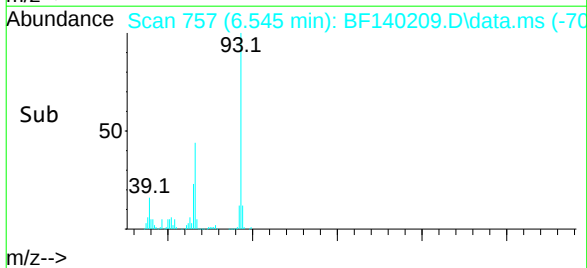
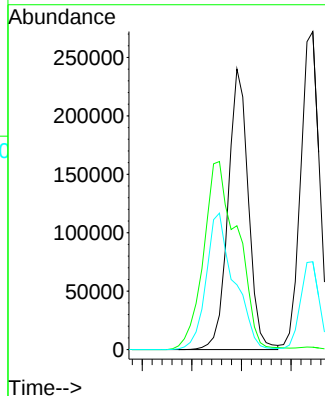
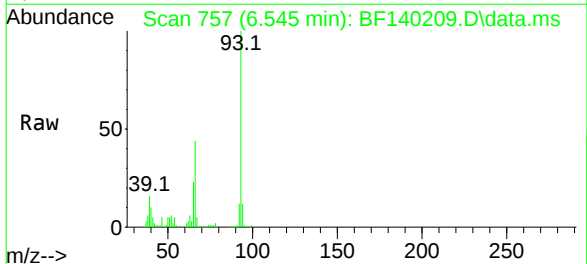
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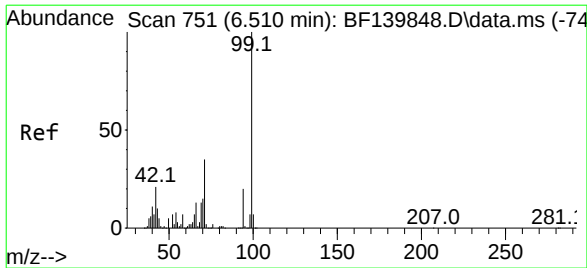
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#6
Aniline
Concen: 40.424 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

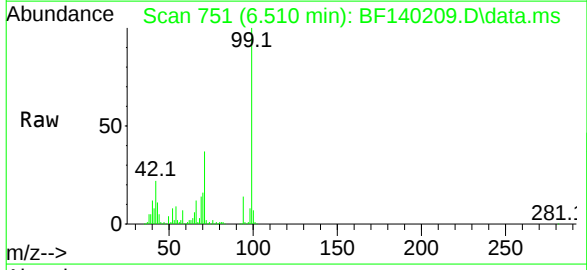
Tgt Ion: 93 Resp: 340812
Ion Ratio Lower Upper
93 100
66 44.1 34.0 51.0
65 23.1 17.4 26.0





#7
Phenol-d6
Concen: 103.977 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

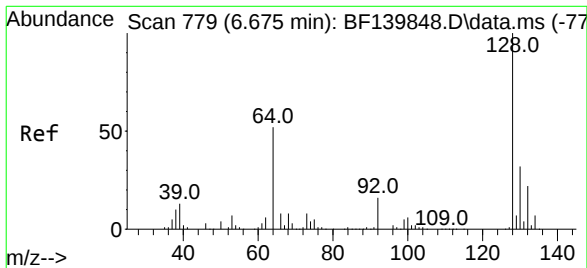
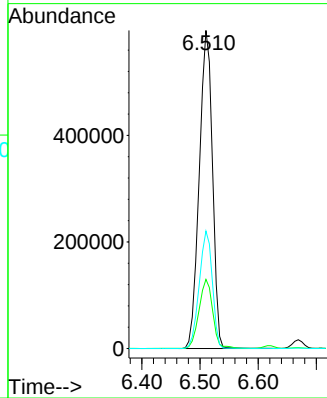
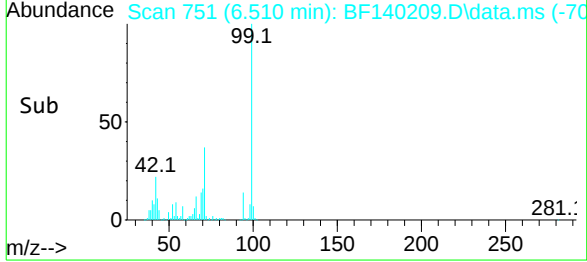
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Tgt Ion: 99 Resp: 940607
Ion Ratio Lower Upper
99 100
42 21.7 16.7 25.1
71 36.9 27.7 41.5

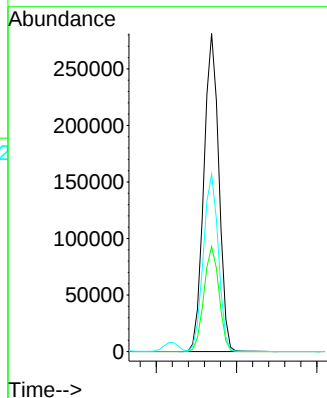
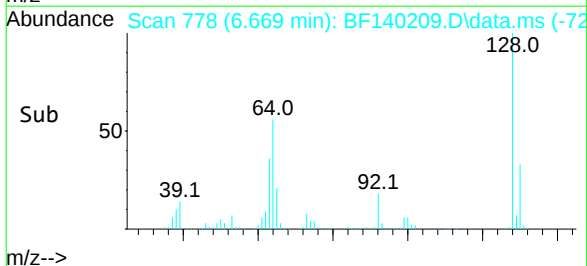
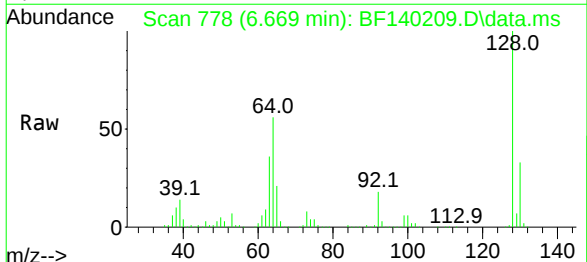
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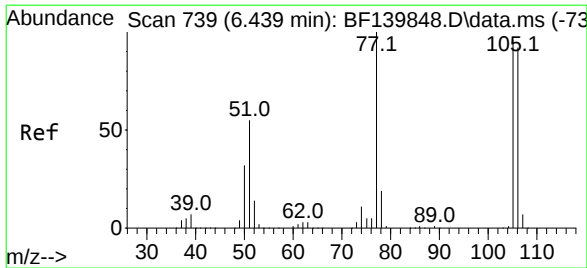
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#8
2-Chlorophenol
Concen: 51.227 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Tgt Ion:128 Resp: 365786
Ion Ratio Lower Upper
128 100
130 33.0 12.3 52.3
64 55.8 34.6 74.6





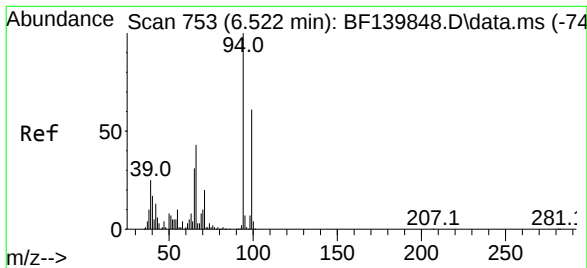
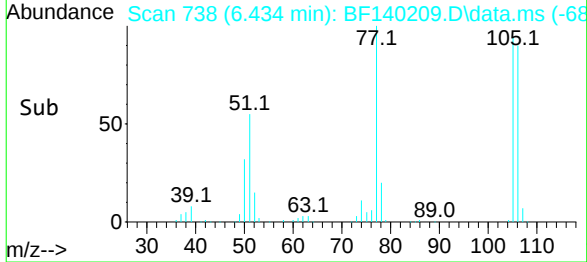
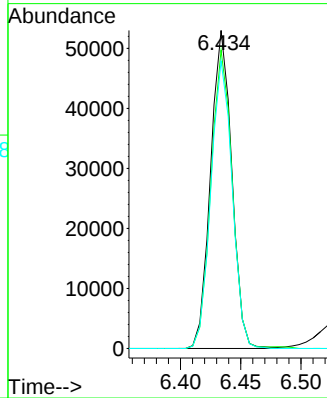
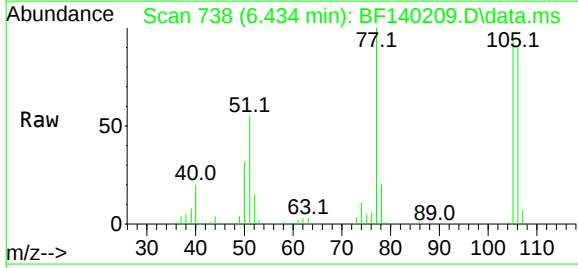
#9
Benzaldehyde
Concen: 12.743 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.005 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Instrument :
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Tgt Ion: 77 Resp: 64850
Ion Ratio Lower Upper
77 100
105 93.8 75.5 115.5
106 90.4 71.7 111.7

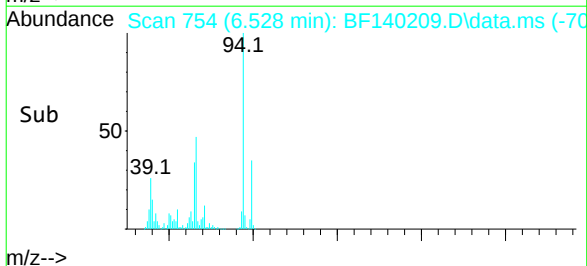
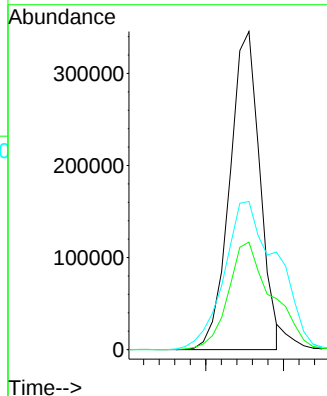
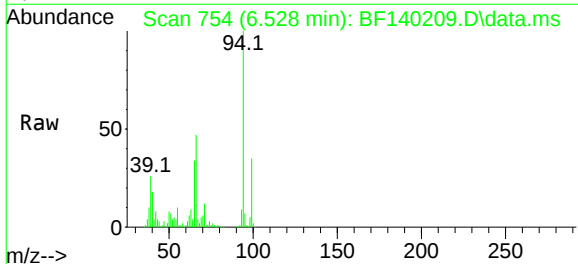
Manual Integrations
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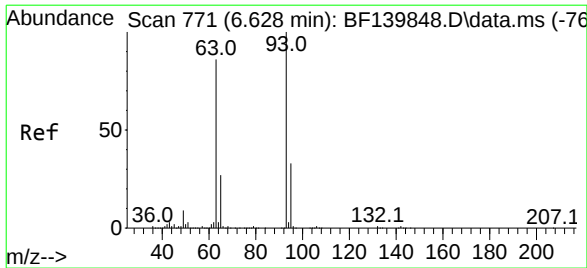
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#10
Phenol
Concen: 50.090 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

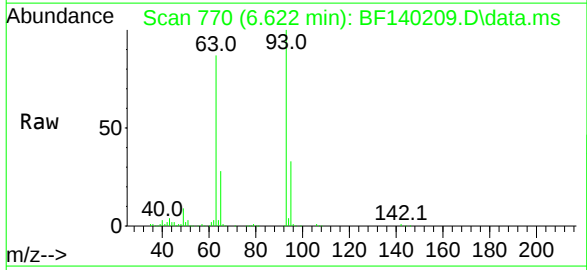
Tgt Ion: 94 Resp: 467149
Ion Ratio Lower Upper
94 100
65 33.8 11.1 51.1
66 46.6 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 49.330 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

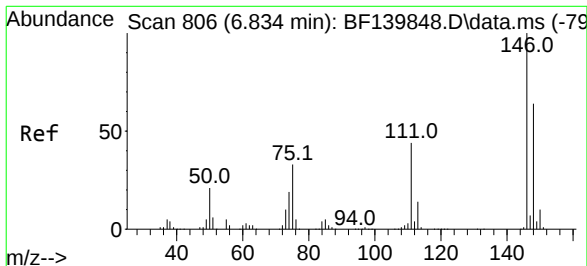
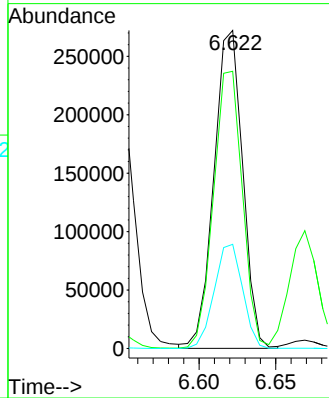
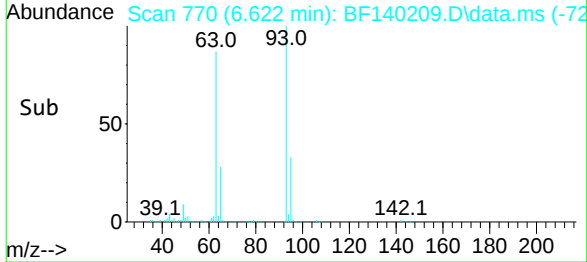
Instrument : BNA_F
ClientSampleId : RES-BUILDING-PAD-NO-2MS



Tgt Ion: 93 Resp: 355594
Ion Ratio Lower Upper
93 100
63 87.2 65.0 105.0
95 32.8 12.4 52.4

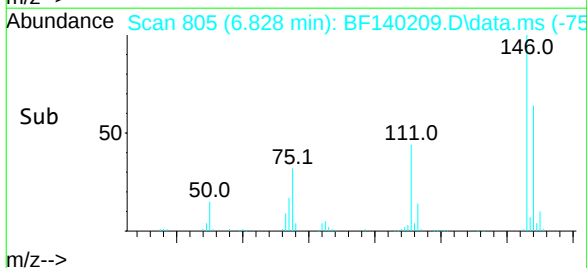
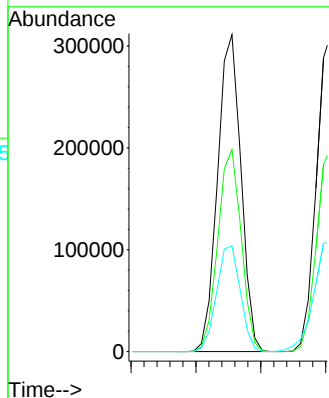
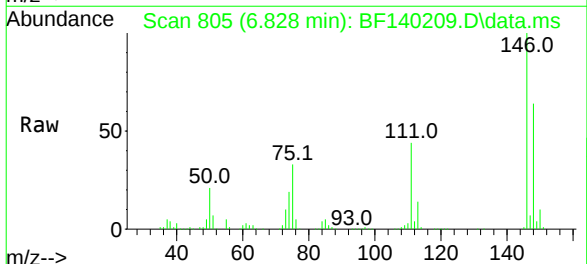
Manual Integrations
APPROVED

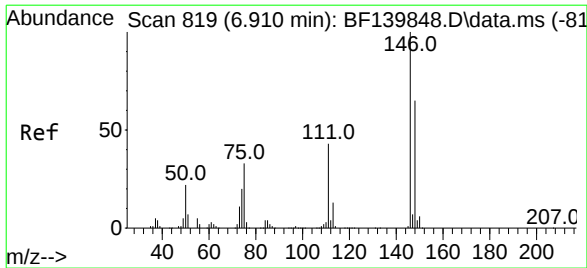
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#12
1,3-Dichlorobenzene
Concen: 47.607 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Tgt Ion:146 Resp: 390215
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
75 33.4 26.4 39.6





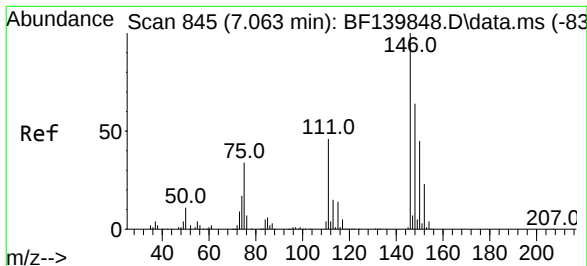
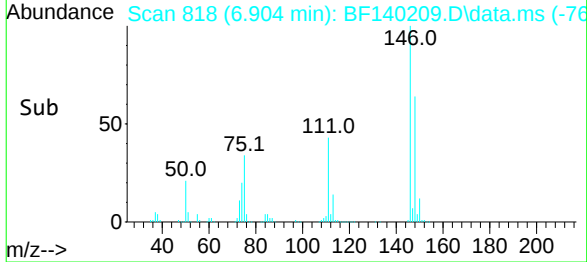
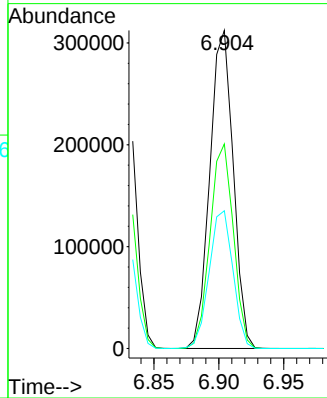
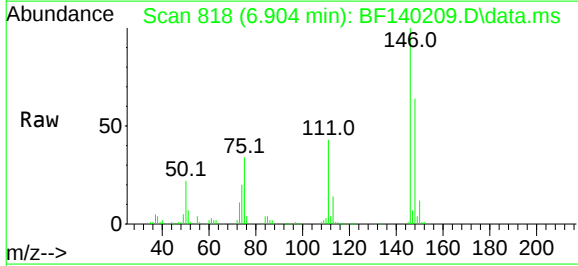
#13
1,4-Dichlorobenzene
Concen: 47.886 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

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

Tgt Ion:146 Resp: 392139
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
111 43.3 34.6 51.8

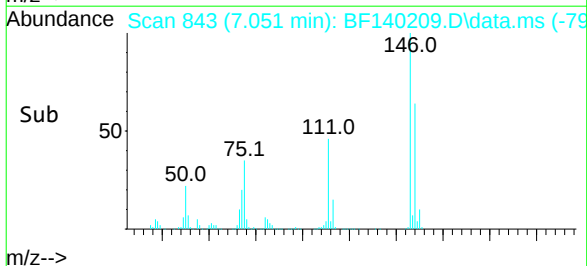
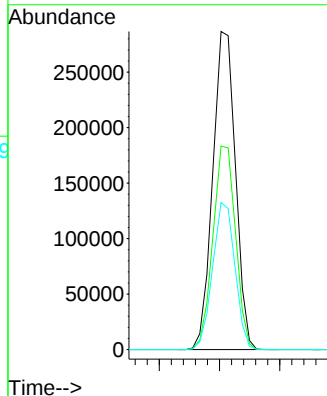
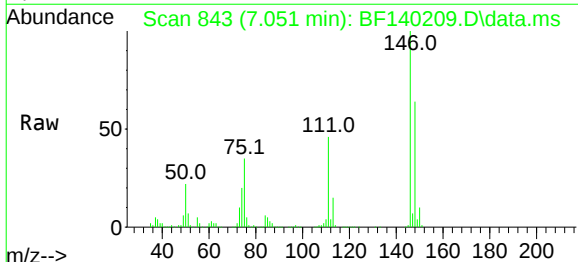
Manual Integrations
APPROVED

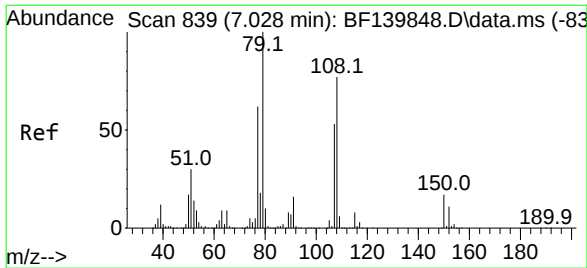
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#14
1,2-Dichlorobenzene
Concen: 49.170 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

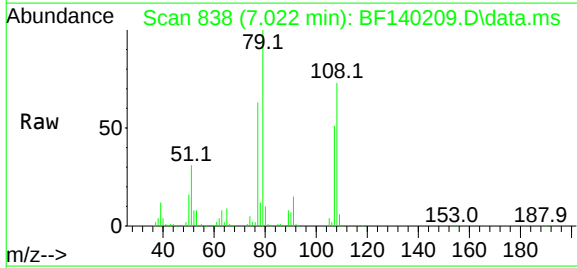
Tgt Ion:146 Resp: 375795
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
111 46.2 36.7 55.1





#15
Benzyl Alcohol
Concen: 53.015 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

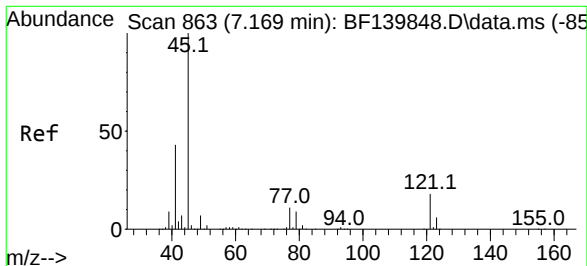
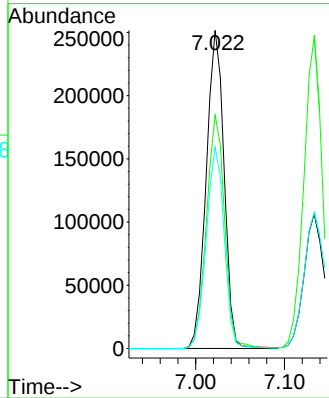
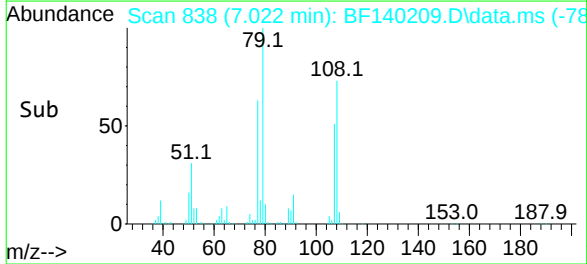
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MS



Tgt Ion: 79 Resp: 351797
Ion Ratio Lower Upper
79 100
108 73.4 61.4 92.0
77 63.3 49.9 74.9

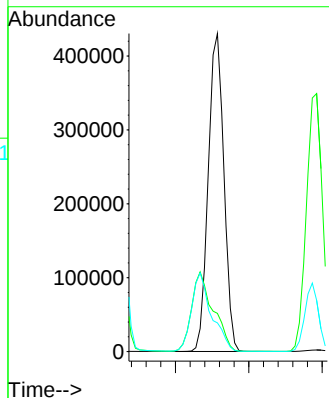
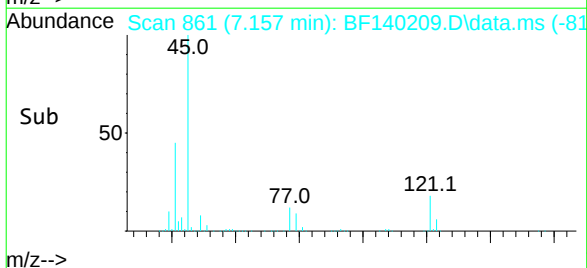
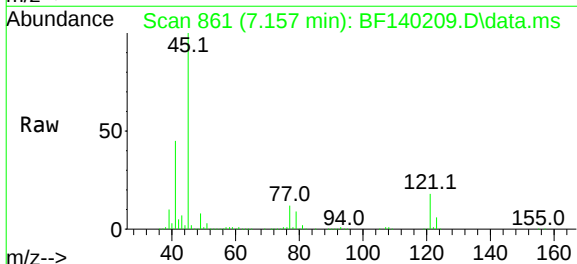
Manual Integrations
APPROVED

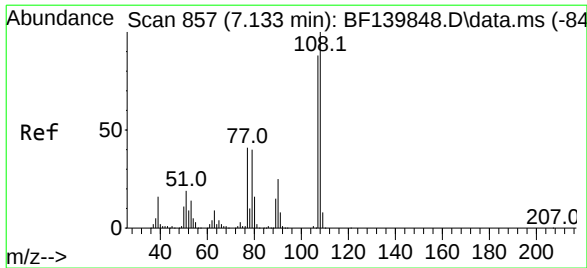
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.943 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

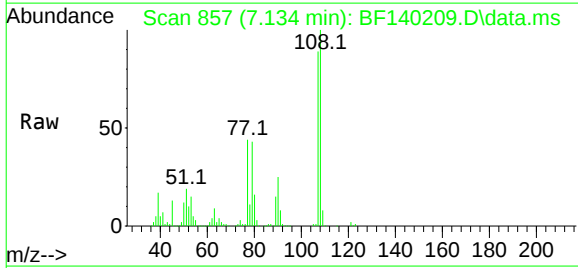
Tgt Ion: 45 Resp: 638462
Ion Ratio Lower Upper
45 100
77 12.0 0.0 31.5
79 9.0 0.0 29.1





#17
2-Methylphenol
Concen: 51.017 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

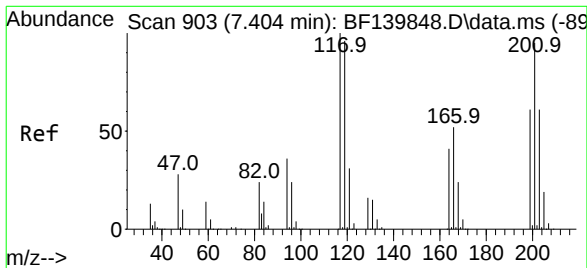
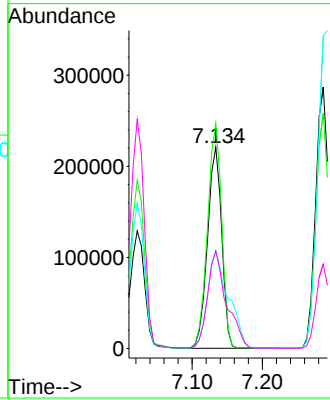
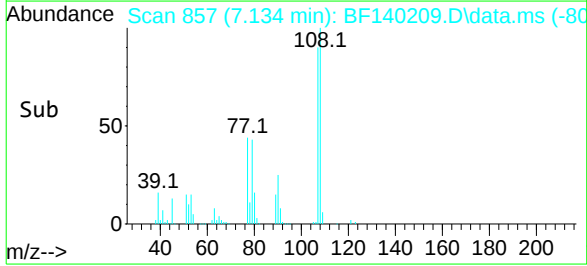
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MS



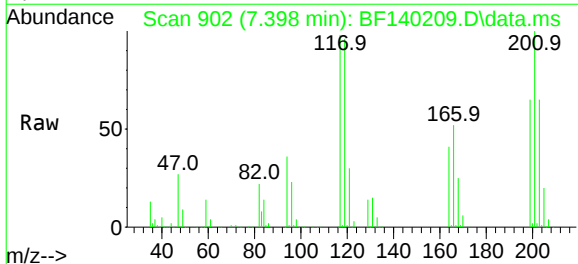
Tgt Ion:107 Resp: 310623
Ion Ratio Lower Upper
107 100
108 112.0 91.3 136.9
77 48.8 37.1 55.7
79 48.2 37.0 55.6

Manual Integrations
APPROVED

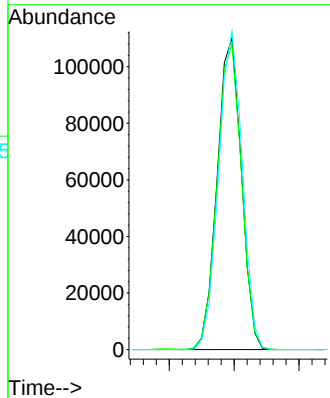
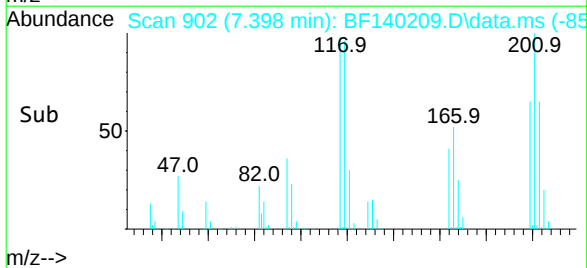
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

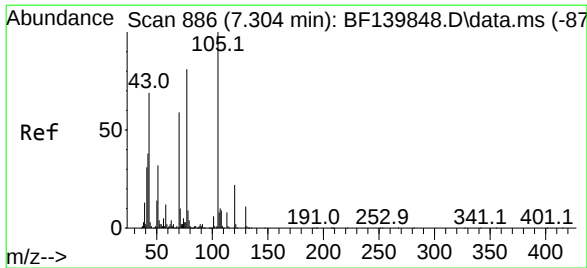


#18
Hexachloroethane
Concen: 48.867 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27



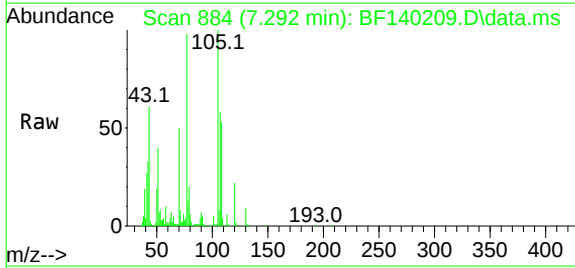
Tgt Ion:117 Resp: 142700
Ion Ratio Lower Upper
117 100
119 98.1 77.0 115.4
201 102.1 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 50.403 ng
RT: 7.292 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

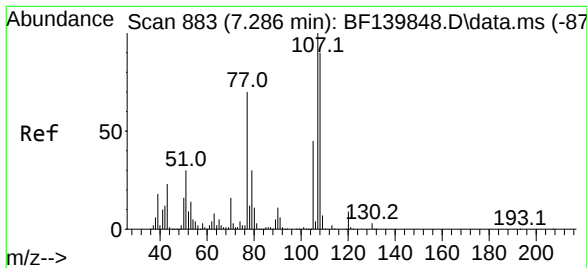
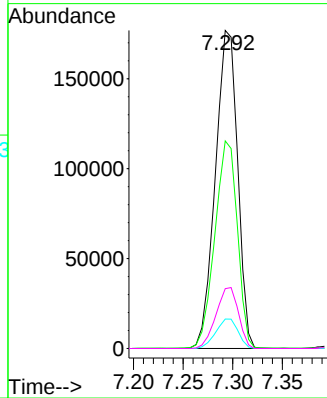
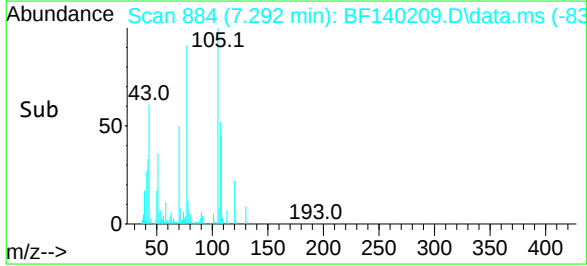
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MS



Tgt Ion: 70 Resp: 276540
Ion Ratio Lower Upper
70 100
42 65.3 51.5 77.3
101 9.3 7.5 11.3
130 18.8 15.5 23.3

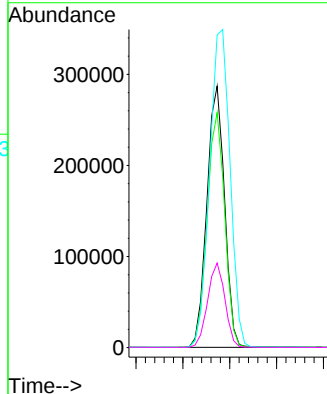
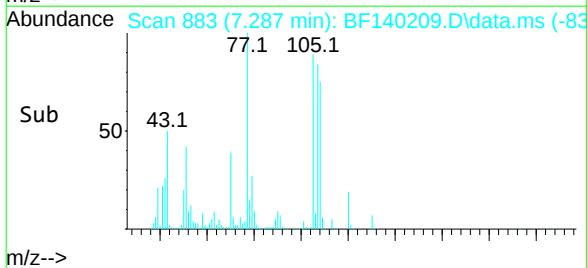
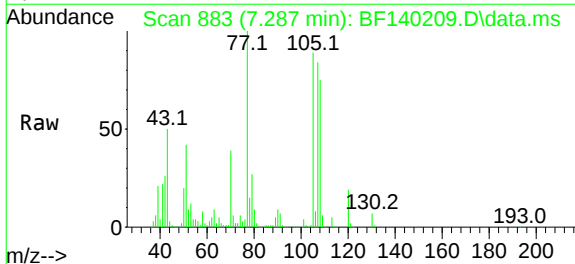
Manual Integrations
APPROVED

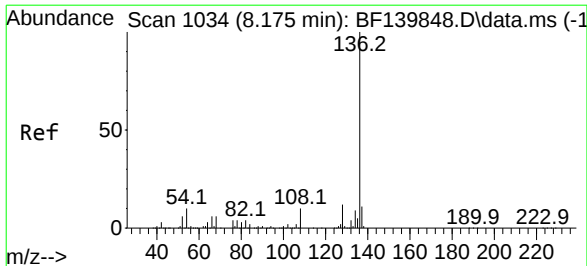
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#20
3+4-Methylphenols
Concen: 48.359 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

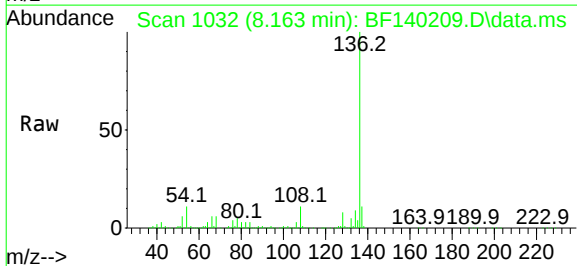
Tgt Ion:107 Resp: 376610
Ion Ratio Lower Upper
107 100
108 89.9 69.8 109.8
77 119.5 50.5 90.5#
79 32.3 10.2 50.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

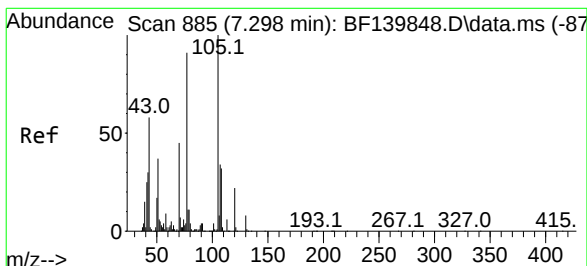
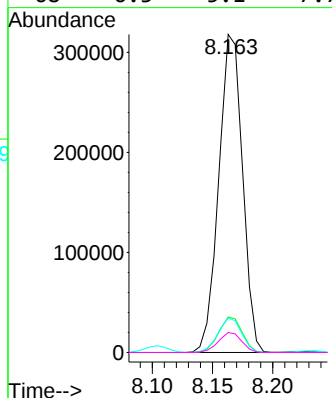
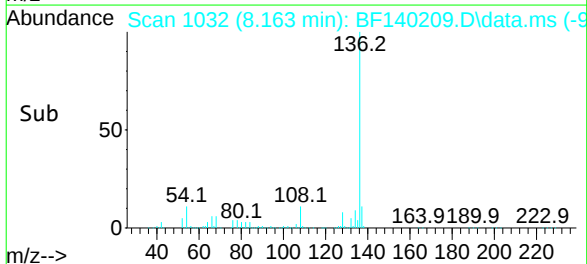
Instrument : BNA_F
ClientSampleId : RES-BUILDING-PAD-NO-2MS



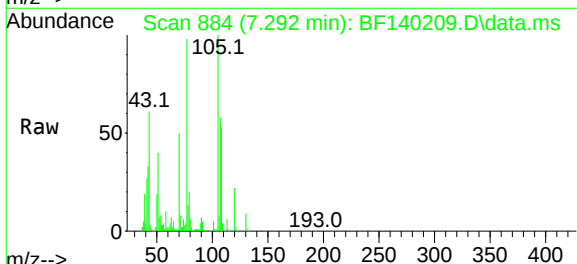
Tgt Ion:	136	Resp:	436831
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	10.8	8.4	12.6
68	6.3	5.1	7.7

Manual Integrations
APPROVED

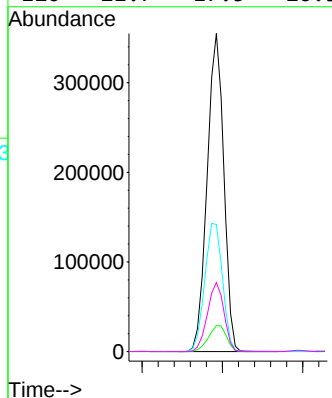
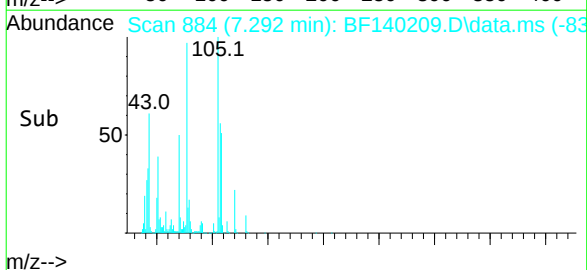
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

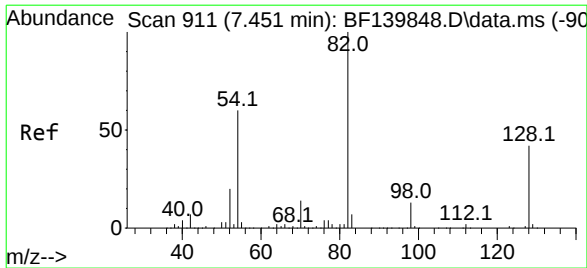


#22
Acetophenone
Concen: 47.682 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27



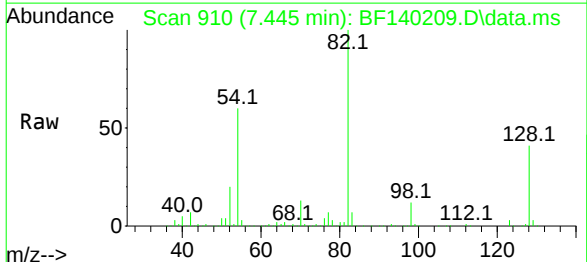
Tgt Ion:	105	Resp:	510174
Ion	Ratio	Lower	Upper
105	100		
71	8.2	5.9	8.9
51	39.9	29.4	44.2
120	21.7	17.5	26.3





#23
Nitrobenzene-d5
Concen: 81.433 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

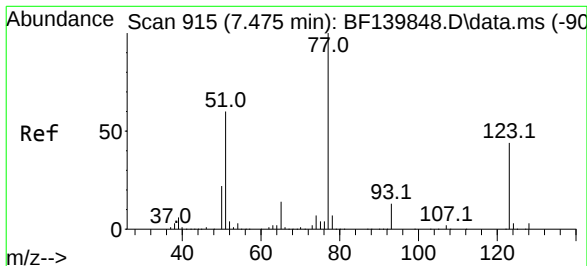
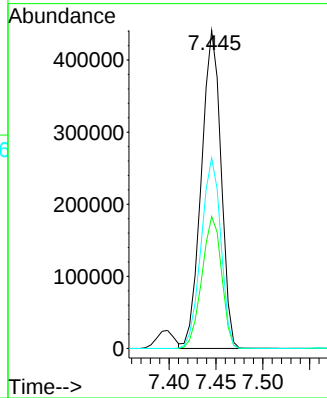
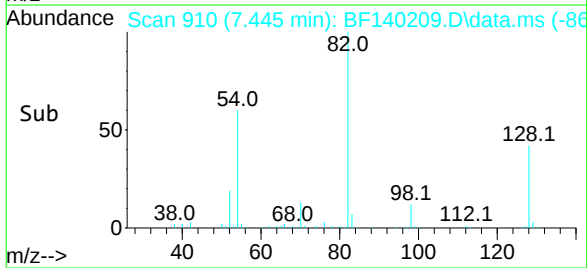
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MS



Tgt Ion: 82 Resp: 641831
Ion Ratio Lower Upper
82 100
128 41.5 33.4 50.0
54 59.9 47.8 71.8

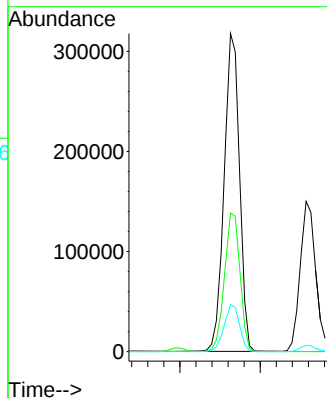
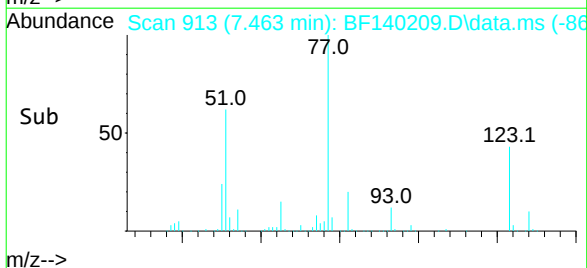
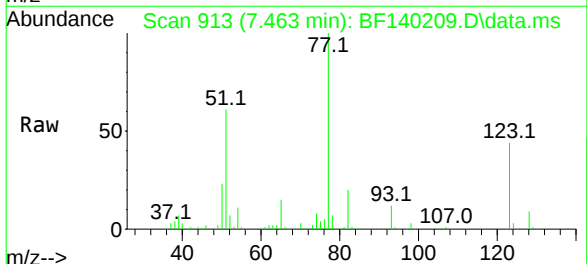
Manual Integrations
APPROVED

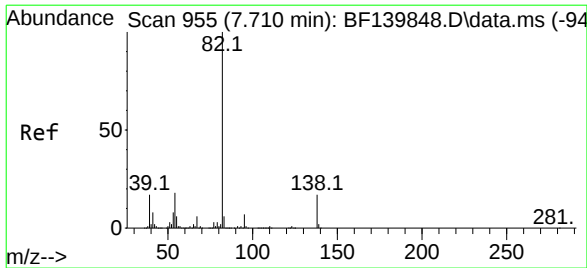
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#24
Nitrobenzene
Concen: 48.833 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Tgt Ion: 77 Resp: 421988
Ion Ratio Lower Upper
77 100
123 43.6 35.7 53.5
65 14.8 11.5 17.3





#25

Isophorone

Concen: 51.026 ng

RT: 7.704 min Scan# 95

Delta R.T. -0.006 min

Lab File: BF140209.D

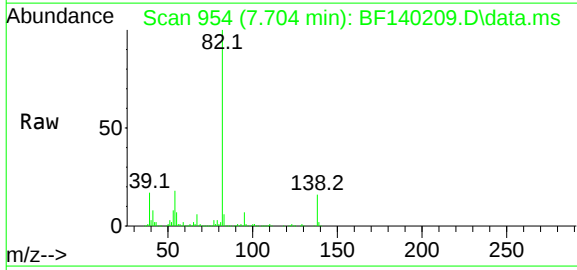
Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

RES-BUILDING-PAD-NO-2MS



Tgt Ion: 82 Resp: 763314

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

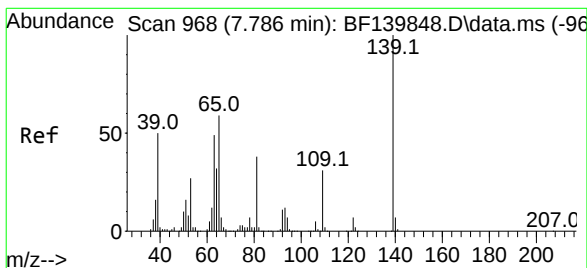
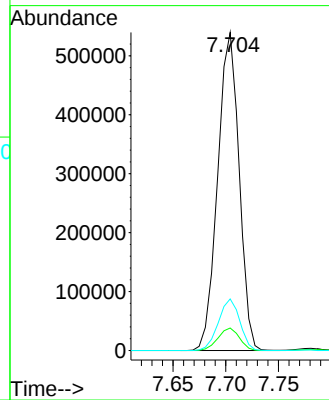
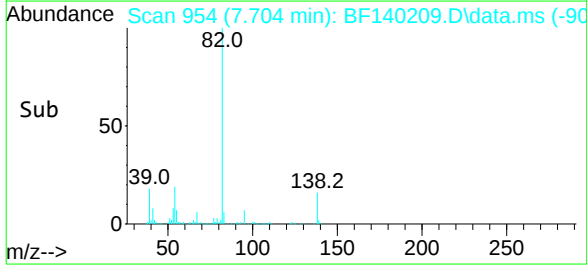
138 16.2 13.2 19.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#26

2-Nitrophenol

Concen: 59.879 ng

RT: 7.781 min Scan# 967

Delta R.T. -0.006 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

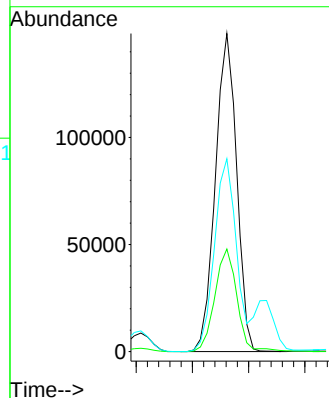
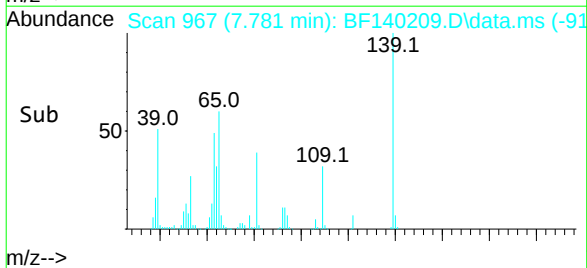
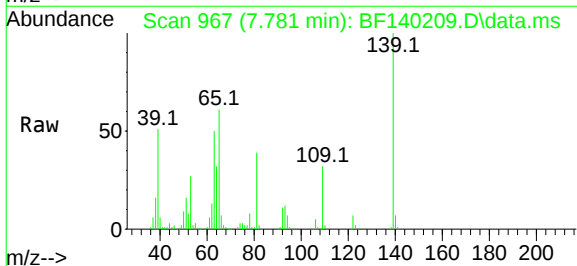
Tgt Ion:139 Resp: 195206

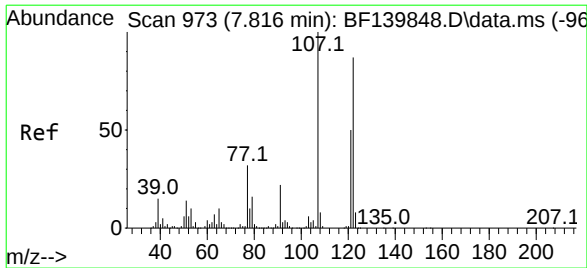
Ion Ratio Lower Upper

139 100

109 32.2 25.1 37.7

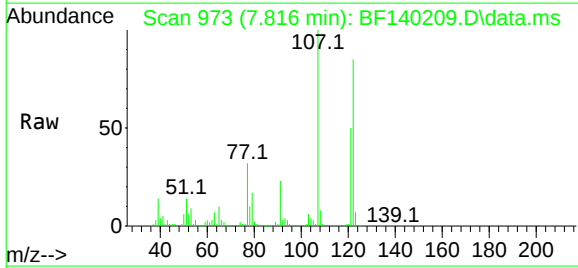
65 60.6 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 56.758 ng
RT: 7.816 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

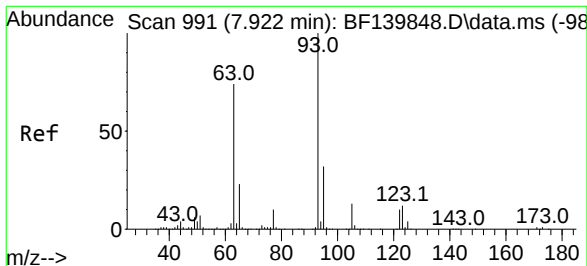
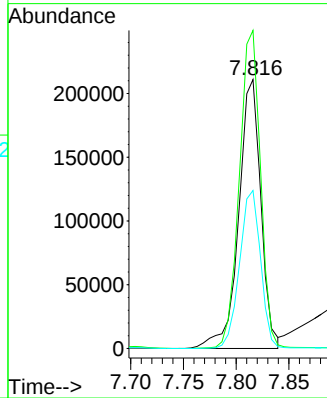
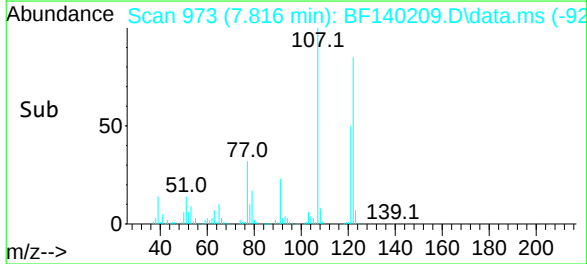
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MS



Tgt Ion: 122 Resp: 308534
Ion Ratio Lower Upper
122 100
107 118.3 91.9 137.9
121 58.7 46.2 69.4

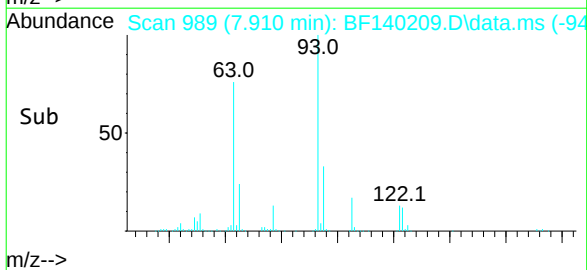
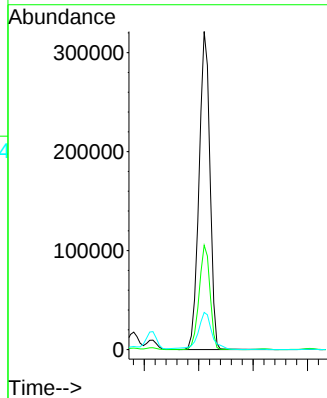
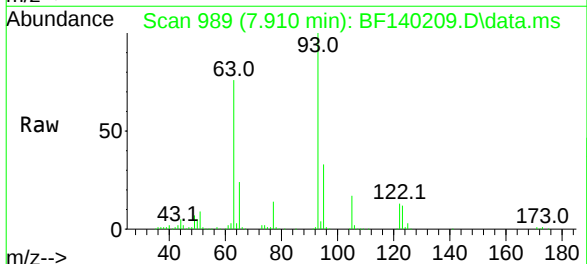
Manual Integrations
APPROVED

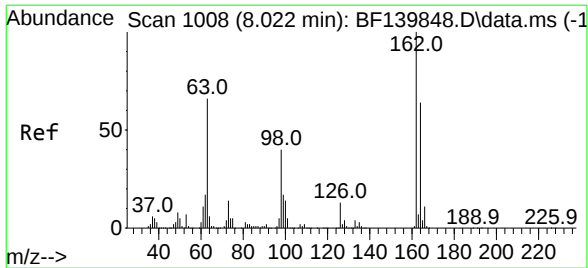
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#28
bis(2-Chloroethoxy)methane
Concen: 49.202 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

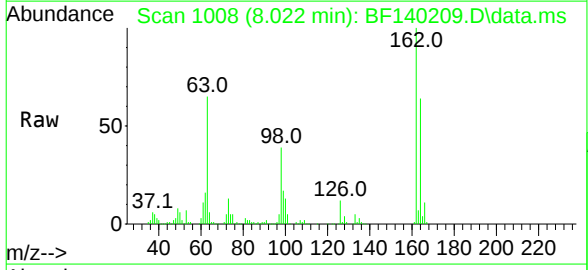
Tgt Ion: 93 Resp: 445939
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 11.7 9.8 14.8





#29
2,4-Dichlorophenol
Concen: 50.117 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

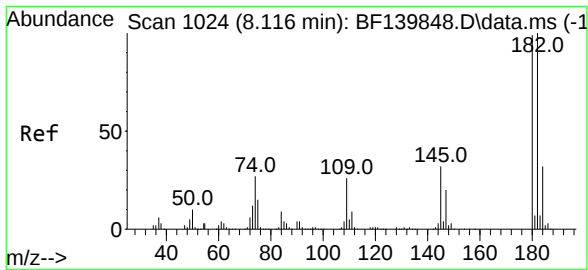
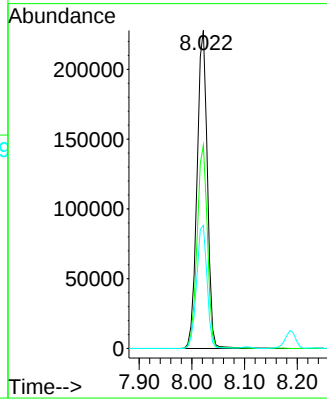
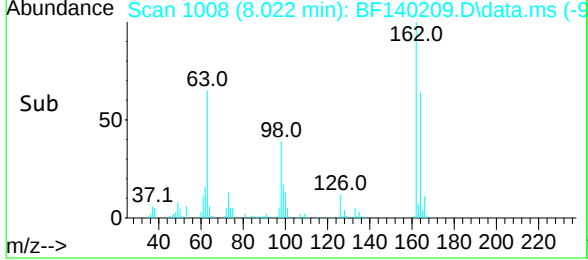
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MS



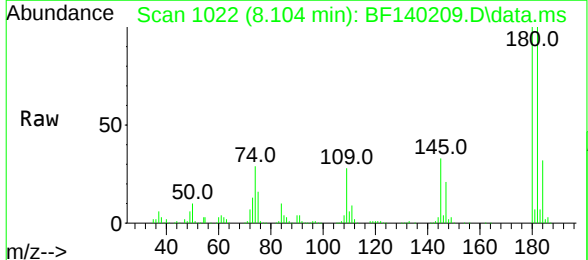
Tgt Ion:162 Resp: 310304
Ion Ratio Lower Upper
162 100
164 63.9 43.9 83.9
98 38.7 19.9 59.9

Manual Integrations
APPROVED

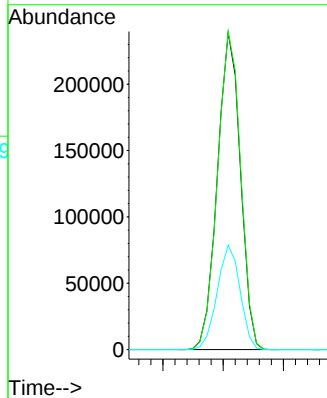
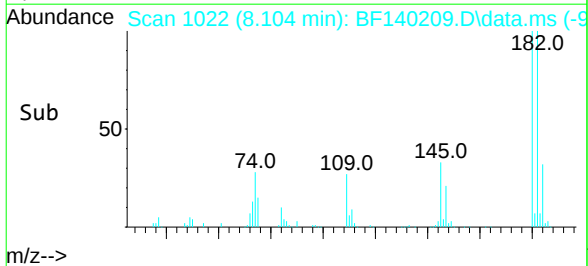
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

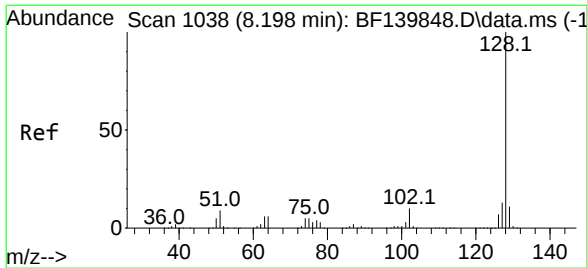


#30
1,2,4-Trichlorobenzene
Concen: 46.293 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27



Tgt Ion:180 Resp: 317160
Ion Ratio Lower Upper
180 100
182 100.4 80.5 120.7
145 33.0 25.4 38.0





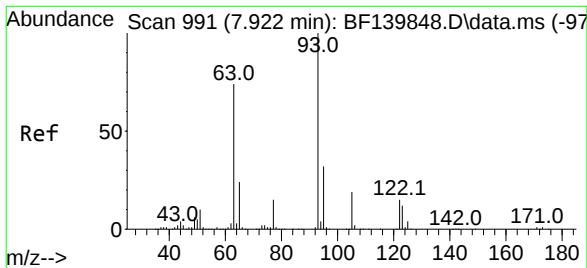
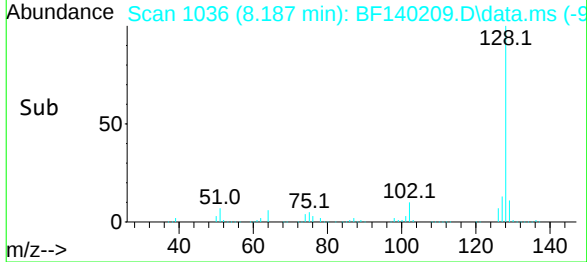
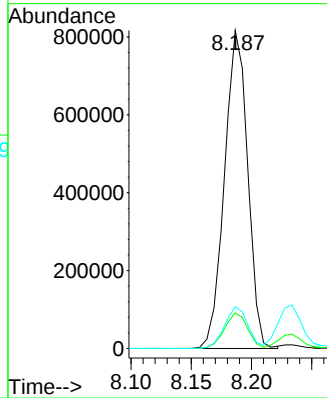
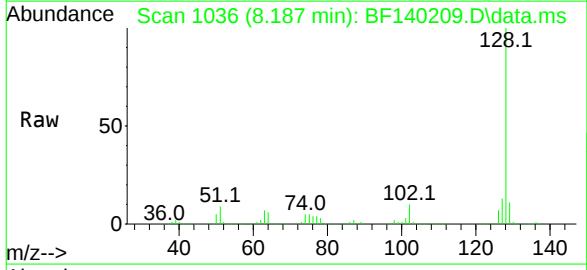
#31
Naphthalene
Concen: 48.526 ng
RT: 8.187 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

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

Tgt Ion:128 Resp: 1093246
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.6 16.0

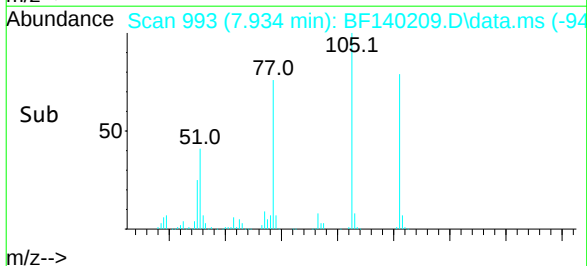
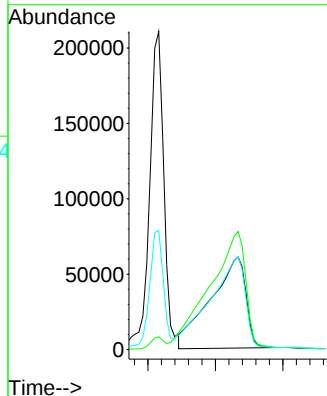
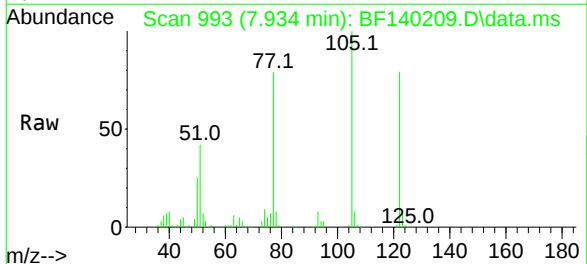
Manual Integrations
APPROVED

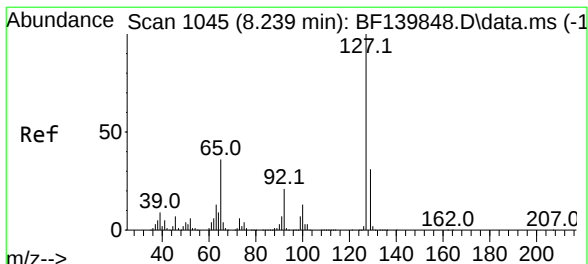
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#32
Benzoic acid
Concen: 46.495 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Tgt Ion:122 Resp: 220440
Ion Ratio Lower Upper
122 100
105 127.3 107.6 147.6
77 100.0 80.2 120.2





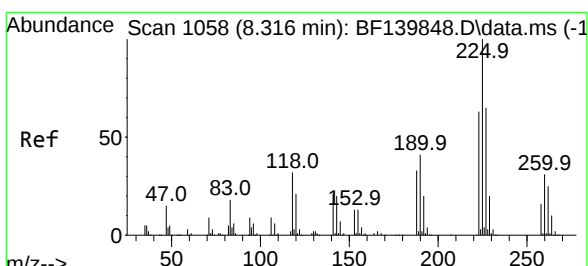
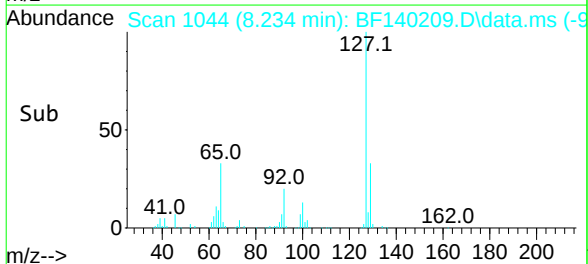
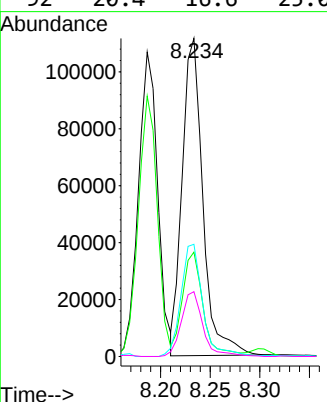
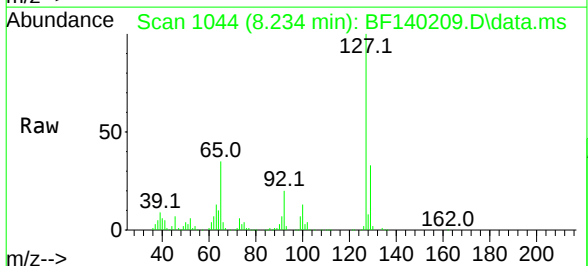
#33
4-Chloroaniline
Concen: 21.091 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

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

Tgt Ion:	127	Resp:	162025
Ion Ratio	Lower	Upper	
127	100		
129	32.8	25.4	38.2
65	35.3	28.4	42.6
92	20.4	16.6	25.0

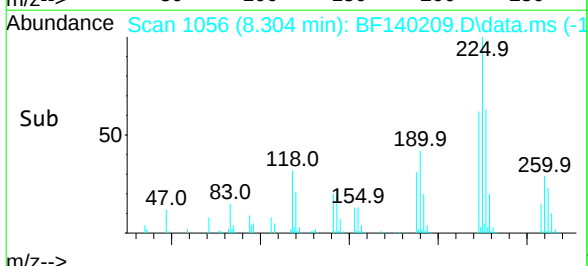
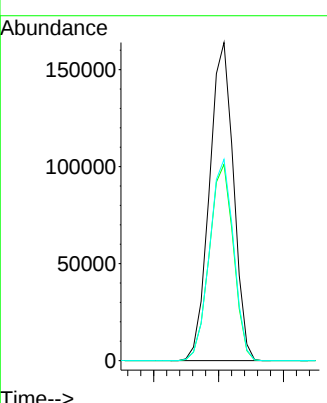
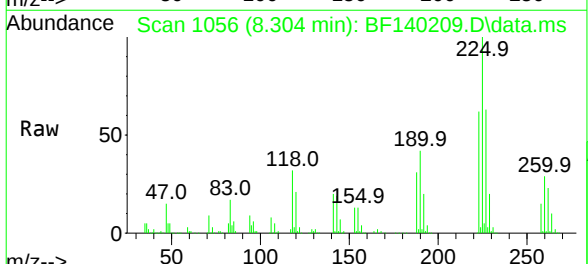
Manual Integrations
APPROVED

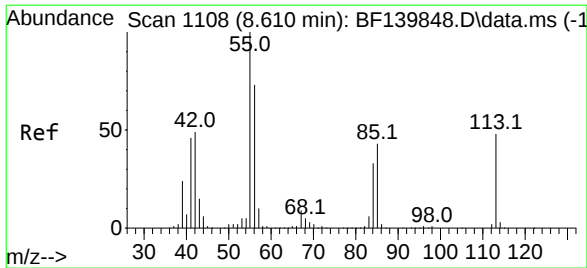
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#34
Hexachlorobutadiene
Concen: 49.163 ng
RT: 8.304 min Scan# 1056
Delta R.T. -0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

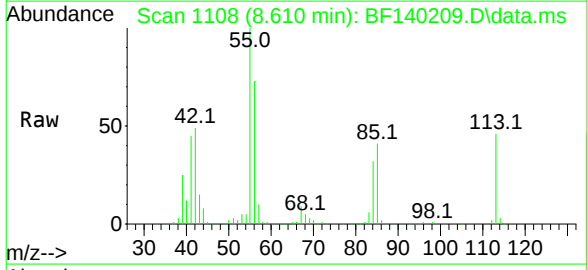
Tgt Ion:	225	Resp:	211631
Ion Ratio	Lower	Upper	
225	100		
223	61.7	50.6	76.0
227	63.3	51.8	77.8





#35
Caprolactam
Concen: 52.539 ng m
RT: 8.610 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

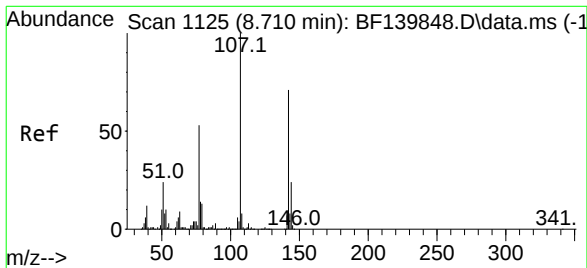
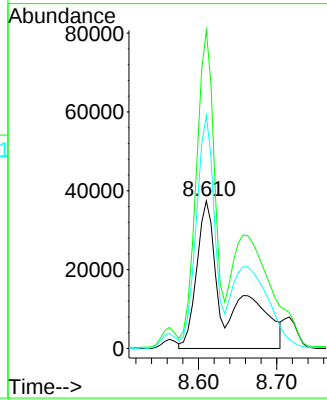
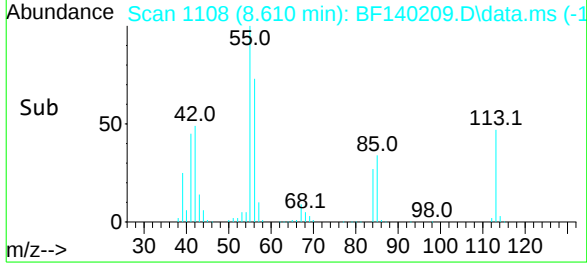
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MS



Tgt Ion:113 Resp: 103436
Ion Ratio Lower Upper
113 100
55 215.4 189.2 229.2
56 157.8 132.5 172.5

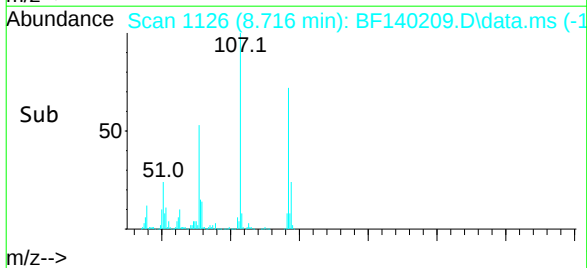
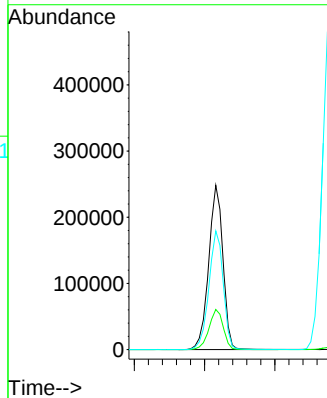
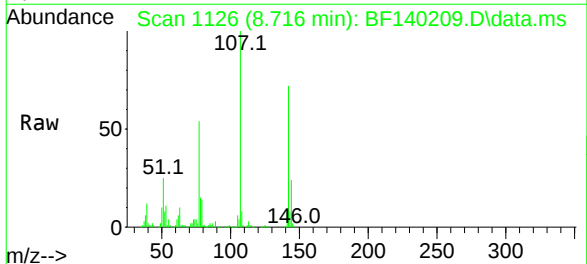
Manual Integrations
APPROVED

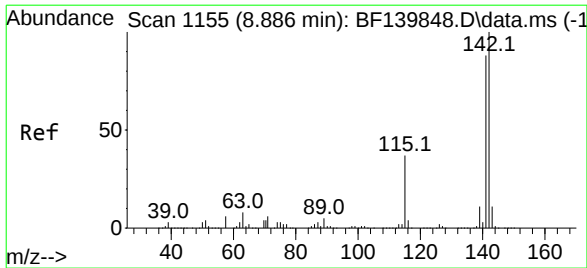
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#36
4-Chloro-3-methylphenol
Concen: 51.004 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

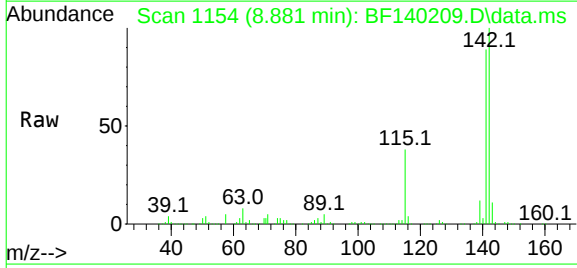
Tgt Ion:107 Resp: 349680
Ion Ratio Lower Upper
107 100
144 24.4 19.1 28.7
142 72.3 57.2 85.8





#37
2-Methylnaphthalene
Concen: 50.322 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

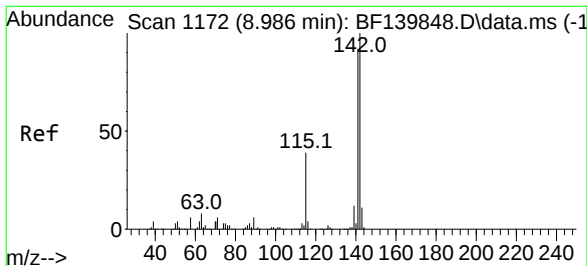
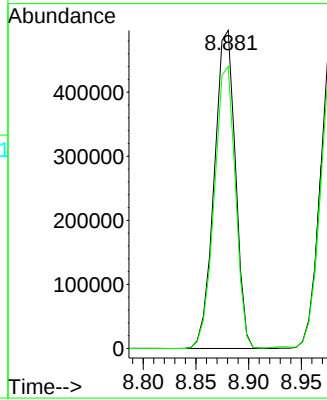
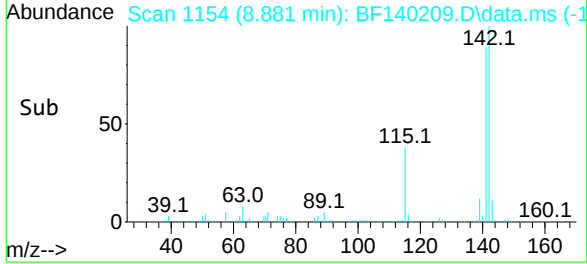
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MS



Tgt Ion:142 Resp: 694334
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2

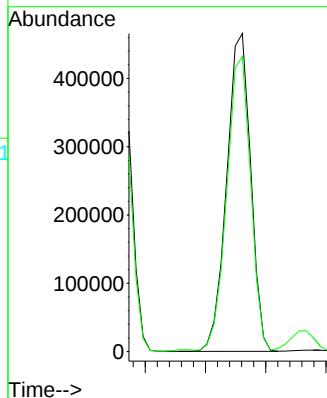
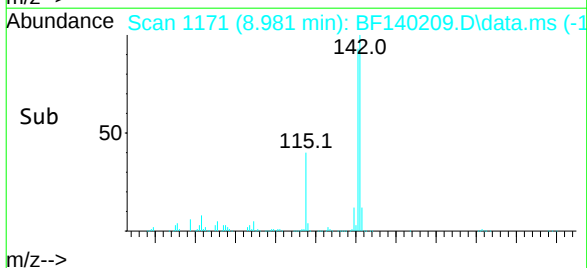
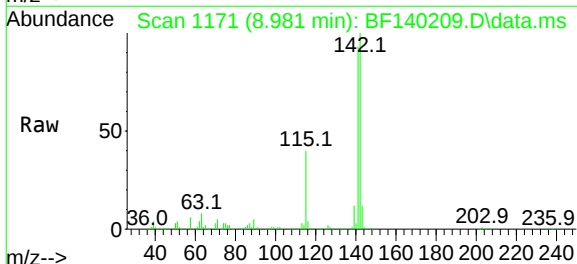
Manual Integrations
APPROVED

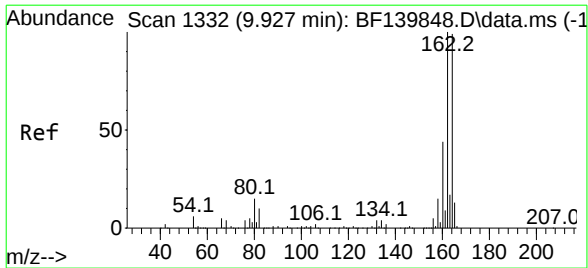
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#38
1-Methylnaphthalene
Concen: 47.585 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Tgt Ion:142 Resp: 644168
Ion Ratio Lower Upper
142 100
141 92.8 73.5 110.3





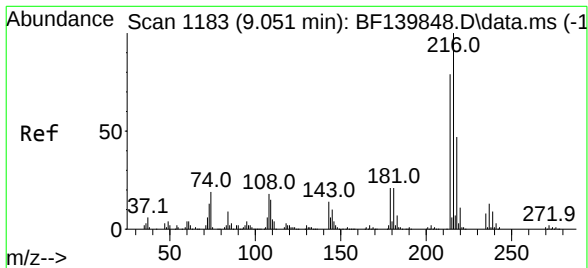
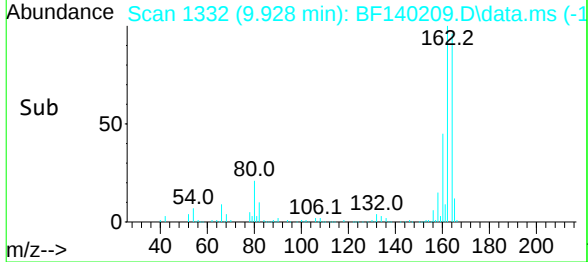
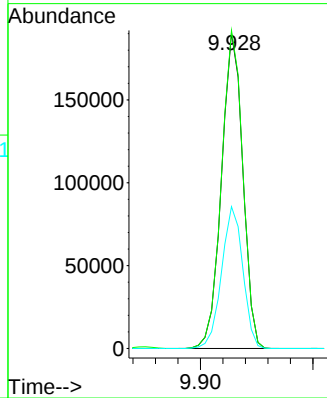
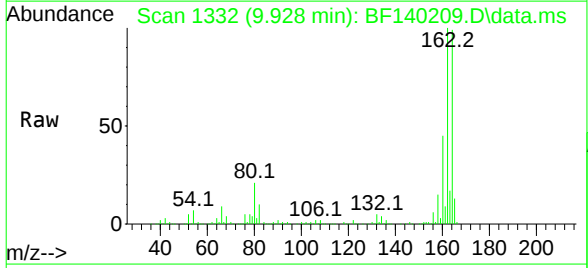
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

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

Tgt Ion:164 Resp: 250775
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 45.0 35.4 53.0

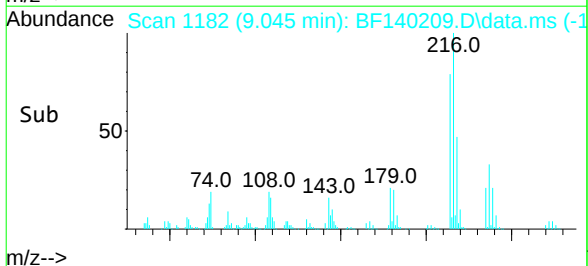
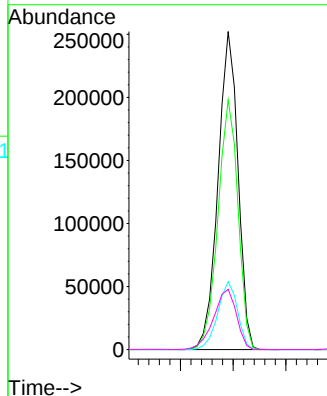
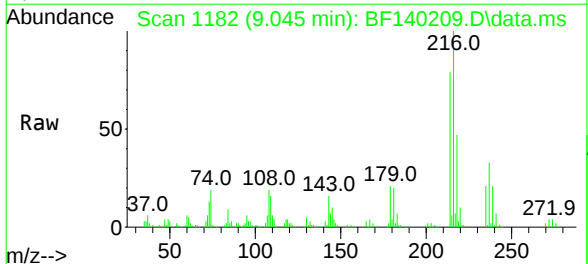
Manual Integrations
APPROVED

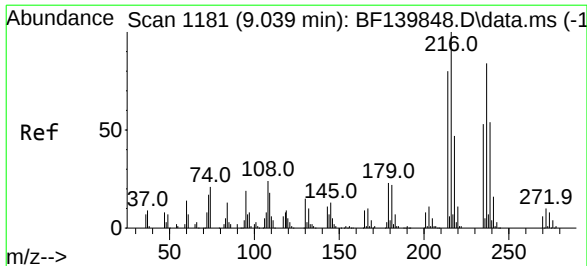
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.056 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Tgt Ion:216 Resp: 331887
Ion Ratio Lower Upper
216 100
214 78.8 63.4 95.0
179 21.3 17.2 25.8
108 21.8 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 162.321 ng

RT: 9.034 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

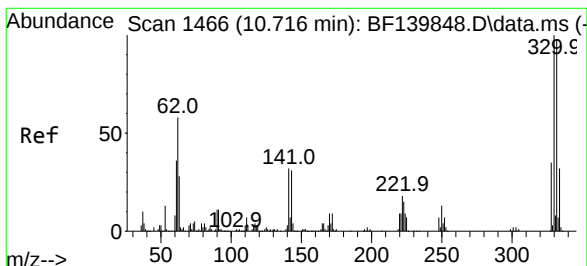
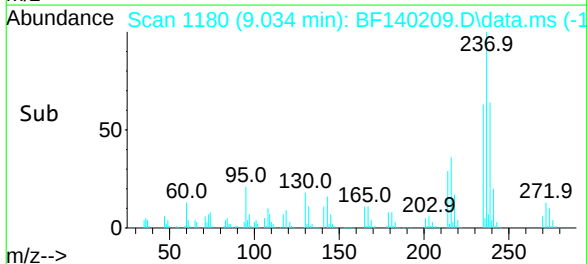
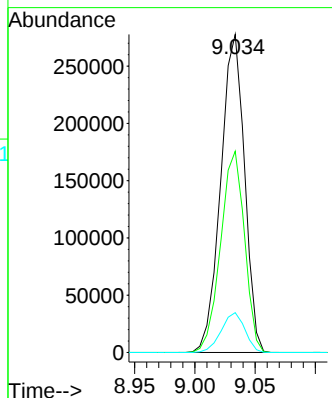
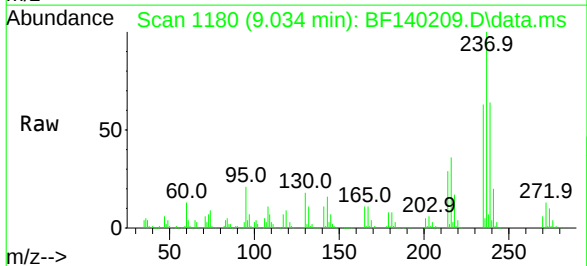
RES-BUILDING-PAD-NO-2MS

Tgt Ion:	237	Resp:	382117
Ion Ratio	Lower	Upper	
237	100		
235	63.3	42.9	82.9
272	12.5	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: 111.146 ng

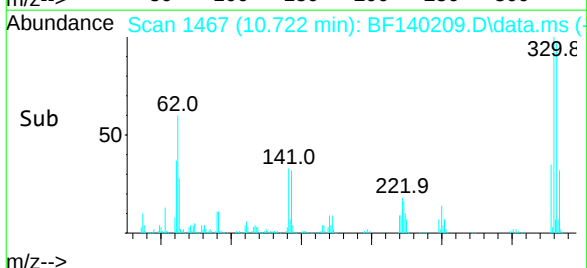
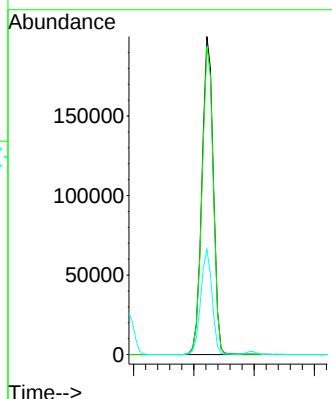
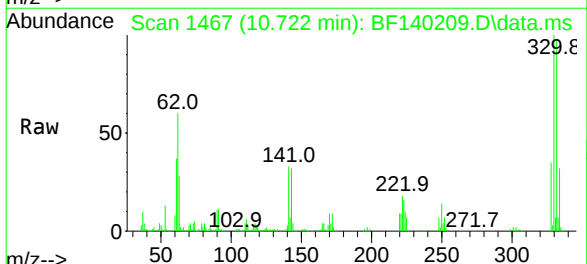
RT: 10.722 min Scan# 1467

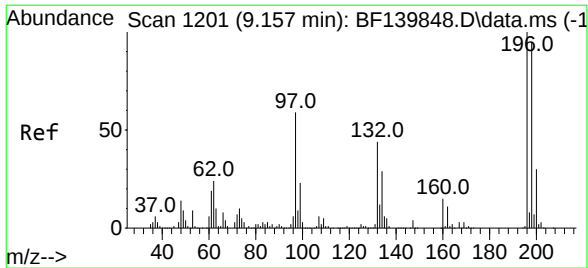
Delta R.T. 0.006 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

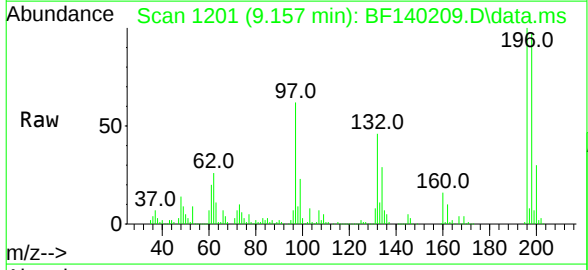
Tgt Ion:	330	Resp:	260711
Ion Ratio	Lower	Upper	
330	100		
332	96.7	78.1	117.1
141	33.0	26.6	39.8





#43
2,4,6-Trichlorophenol
Concen: 50.615 ng
RT: 9.157 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

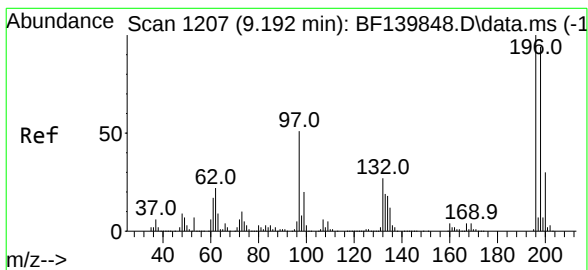
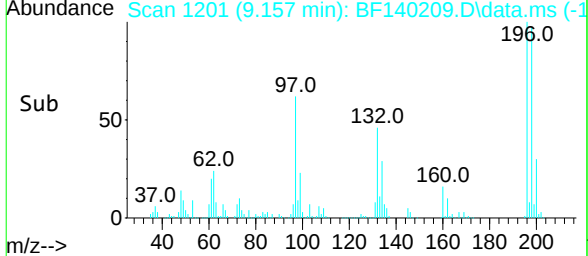
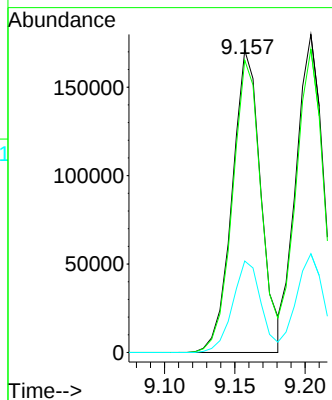
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MS



Tgt Ion:	196	Resp:	242443
Ion Ratio	Lower	Upper	
196	100		
198	96.7	76.2	114.2
200	30.3	24.0	36.0

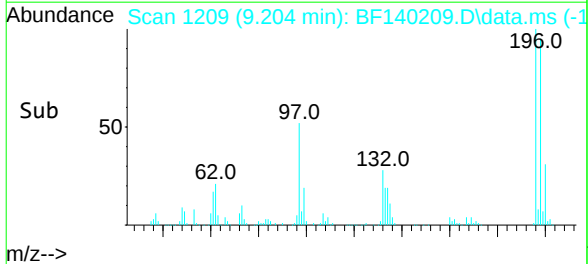
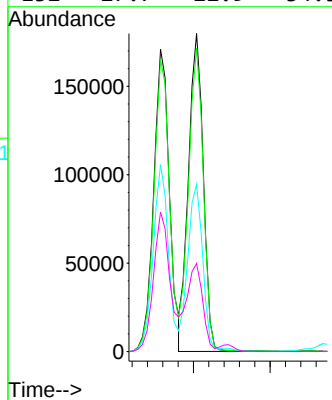
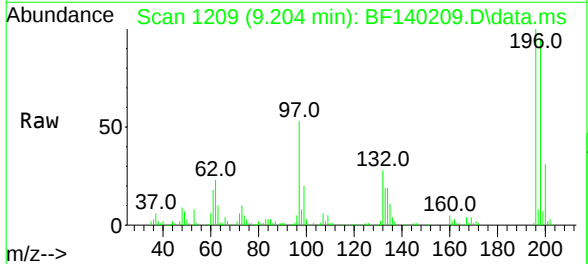
Manual Integrations
APPROVED

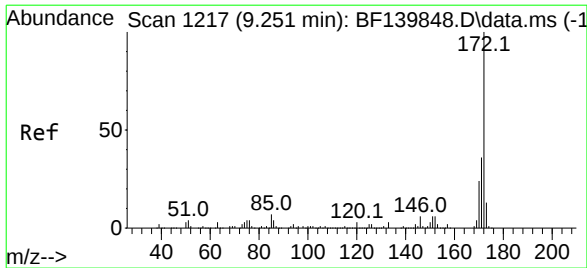
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#44
2,4,5-Trichlorophenol
Concen: 48.921 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

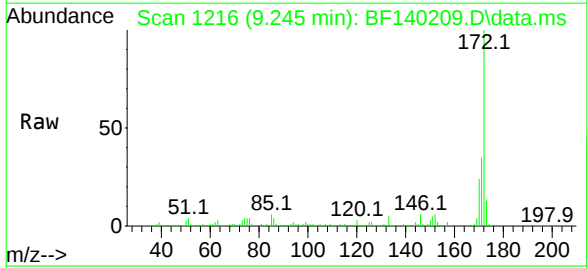
Tgt Ion:	196	Resp:	241760
Ion Ratio	Lower	Upper	
196	100		
198	95.4	75.8	113.6
97	52.5	41.8	62.6
132	27.7	22.9	34.3





#45
2-Fluorobiphenyl
Concen: 75.904 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

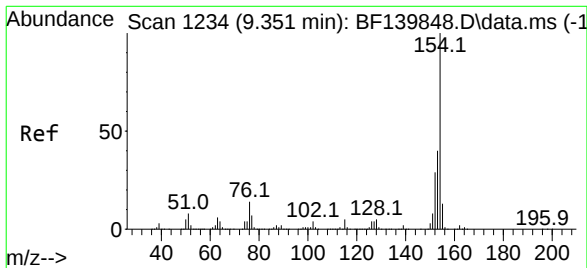
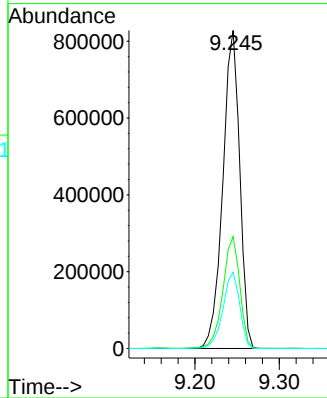
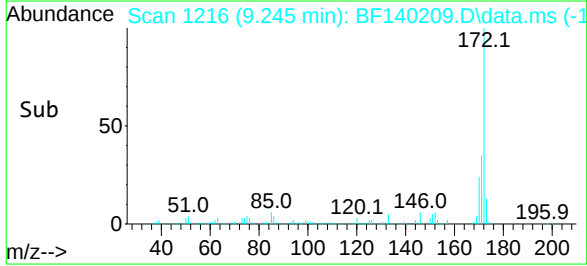
Instrument : BNA_F
ClientSampleId : RES-BUILDING-PAD-NO-2MS



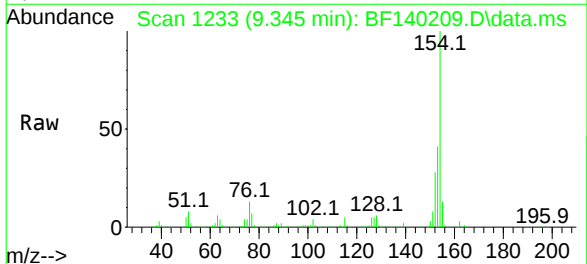
Tgt Ion:172 Resp: 1151750
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 24.0 19.1 28.7

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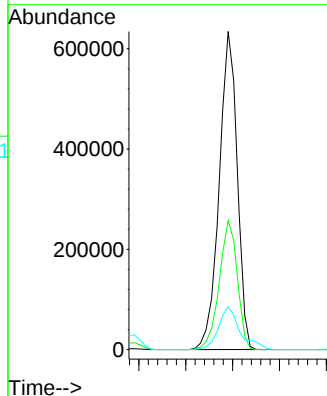
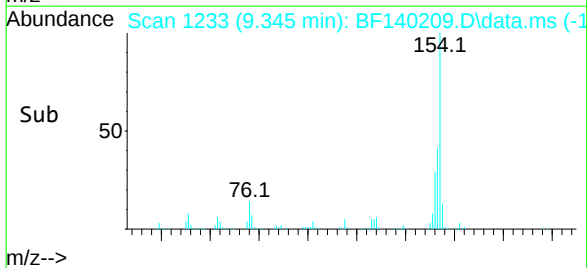
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

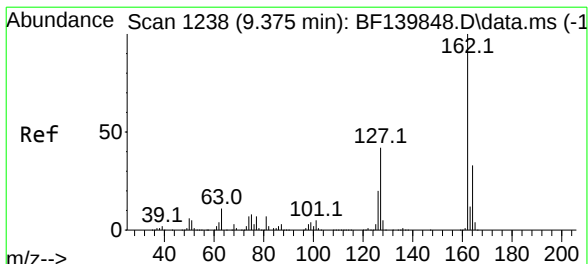


#46
1,1'-Biphenyl
Concen: 48.445 ng
RT: 9.345 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27



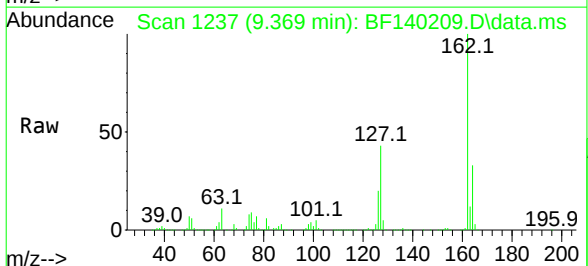
Tgt Ion:154 Resp: 845728
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 13.5 0.0 33.9





#47
 2-Chloronaphthalene
 Concen: 47.621 ng
 RT: 9.369 min Scan# 1238
 Delta R.T. -0.006 min
 Lab File: BF140209.D
 Acq: 01 Nov 2024 14:27

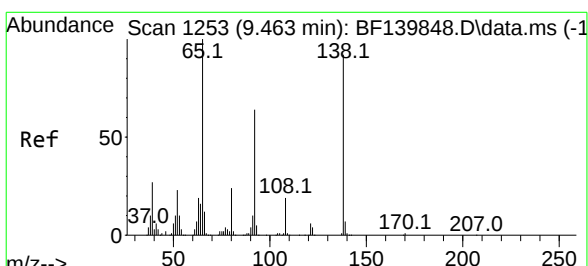
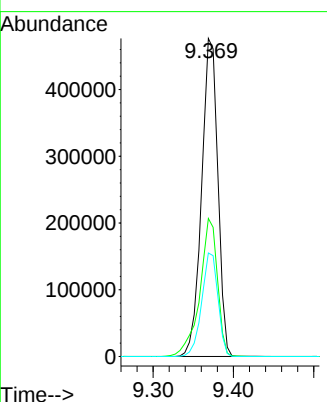
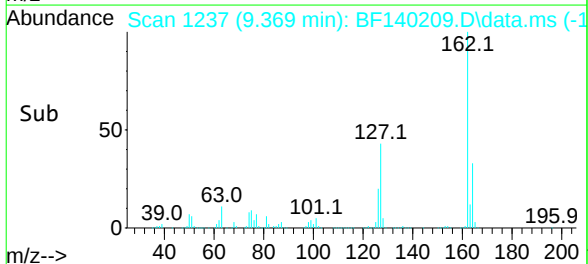
Instrument : BNA_F
 ClientSampleId : RES-BUILDING-PAD-NO-2MS



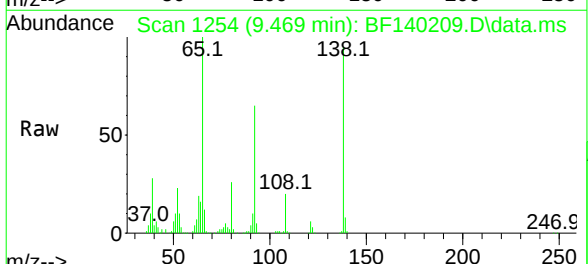
Tgt Ion: 162 Resp: 669578

Ion	Ratio	Lower	Upper
162	100		
127	43.4	33.8	50.6
164	32.6	26.6	39.8

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

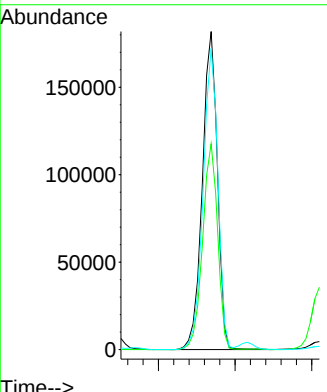
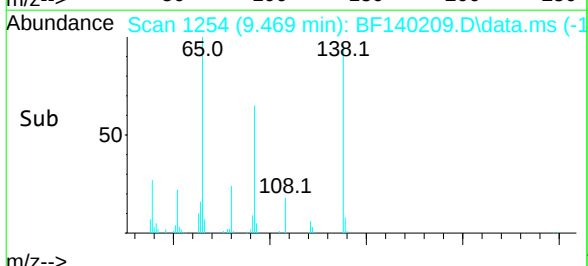


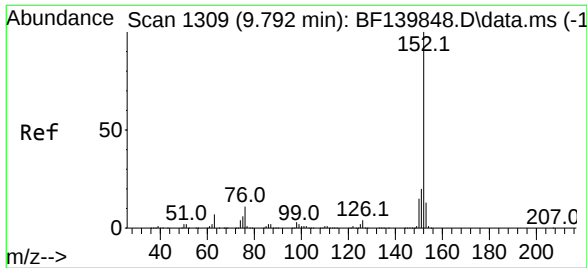
#48
 2-Nitroaniline
 Concen: 57.605 ng
 RT: 9.469 min Scan# 1254
 Delta R.T. 0.006 min
 Lab File: BF140209.D
 Acq: 01 Nov 2024 14:27



Tgt Ion: 65 Resp: 247721

Ion	Ratio	Lower	Upper
65	100		
92	64.7	50.9	76.3
138	94.7	73.4	110.0





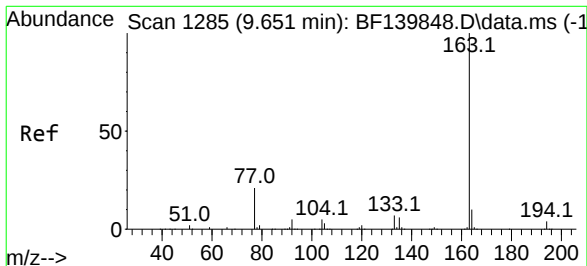
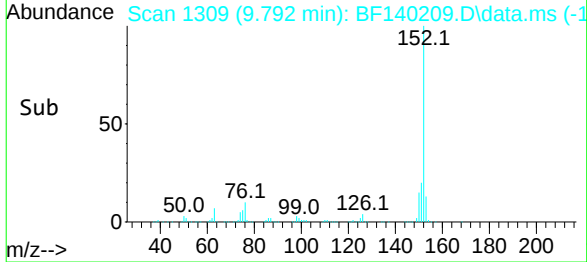
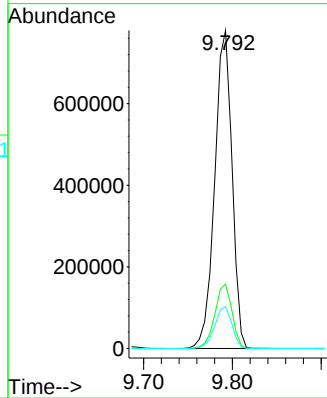
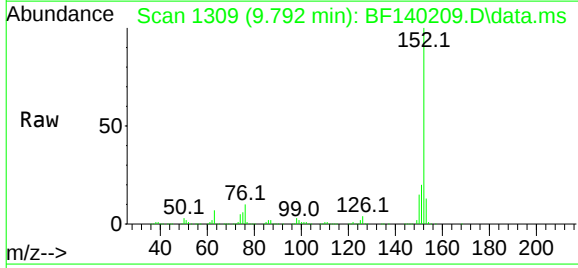
#49
Acenaphthylene
Concen: 51.878 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

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

Tgt Ion:152 Resp: 1054552
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.2 10.7 16.1

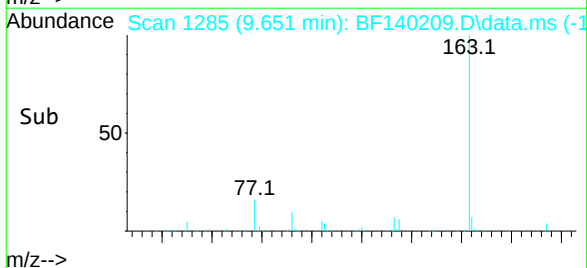
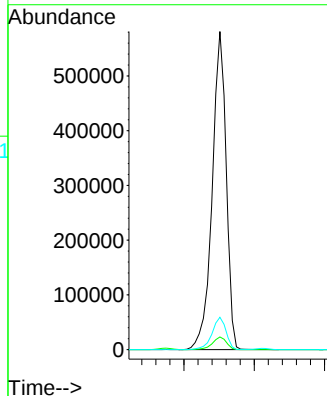
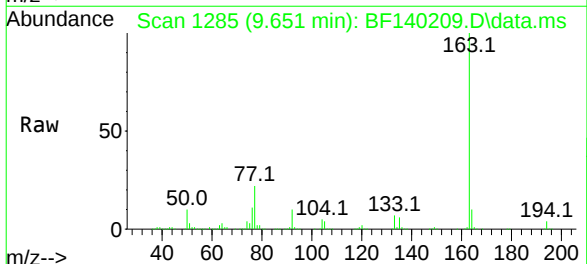
Manual Integrations
APPROVED

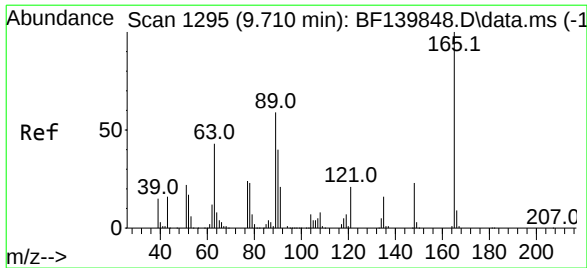
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#50
Dimethylphthalate
Concen: 51.450 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Tgt Ion:163 Resp: 803664
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.2 8.2 12.2





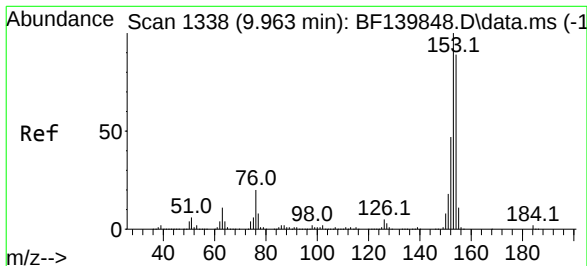
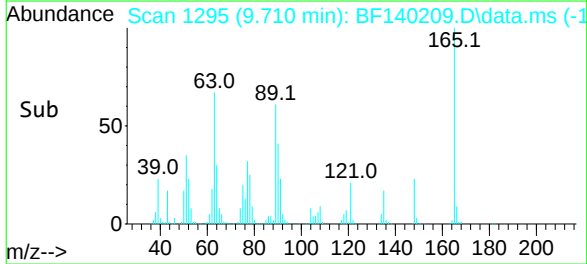
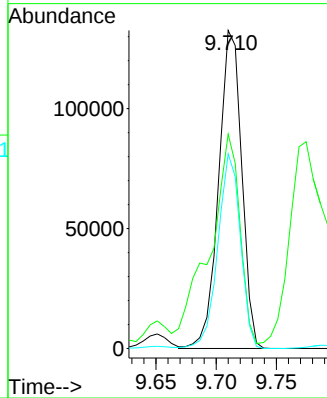
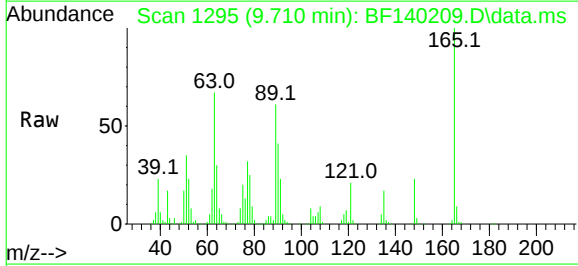
#51
2,6-Dinitrotoluene
Concen: 52.184 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

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

Tgt Ion:165 Resp: 176496
Ion Ratio Lower Upper
165 100
63 67.4 50.6 75.8
89 61.2 47.5 71.3

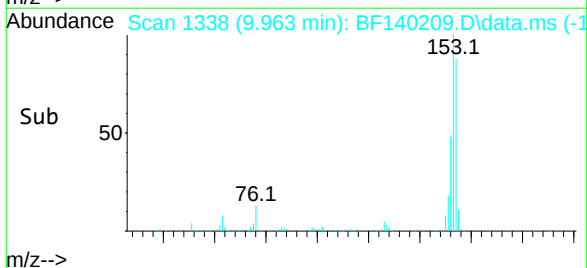
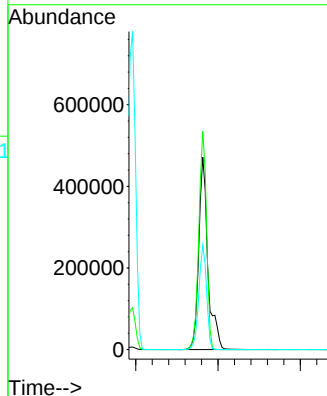
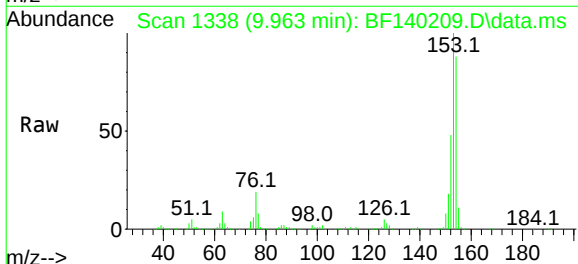
Manual Integrations
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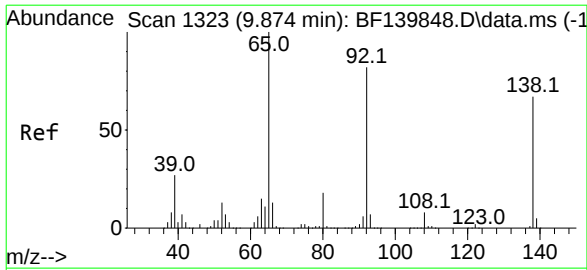
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#52
Acenaphthene
Concen: 55.865 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Tgt Ion:154 Resp: 734613
Ion Ratio Lower Upper
154 100
153 113.4 89.8 134.6
152 54.3 42.4 63.6





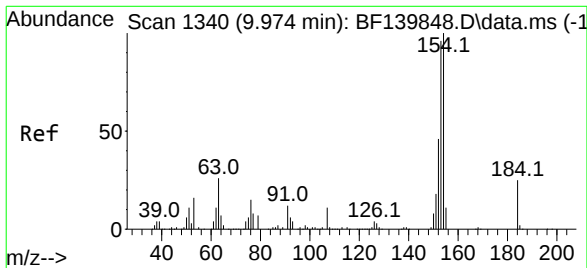
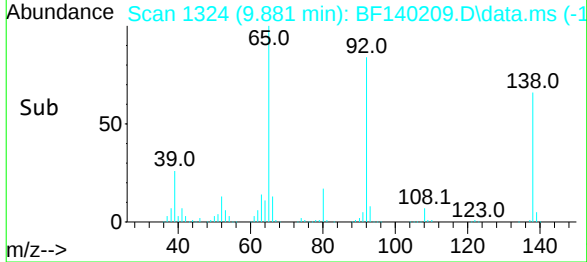
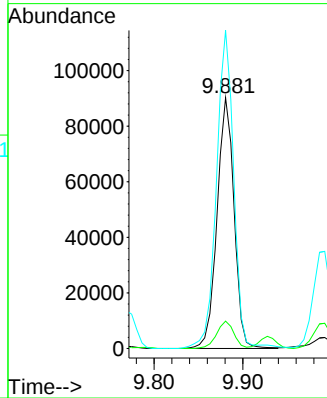
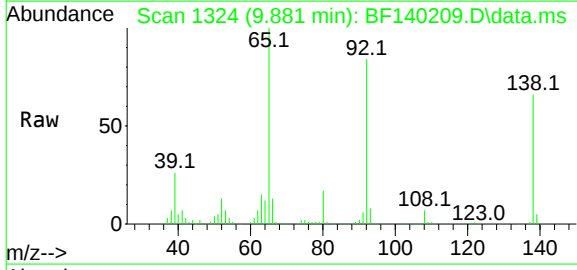
#53
3-Nitroaniline
Concen: 34.475 ng
RT: 9.881 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

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

Tgt Ion:138 Resp: 120242
Ion Ratio Lower Upper
138 100
108 10.9 10.2 15.2
92 126.8 98.3 147.5

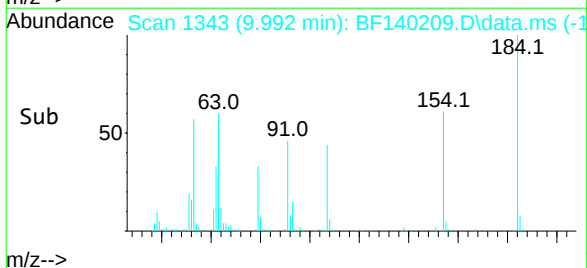
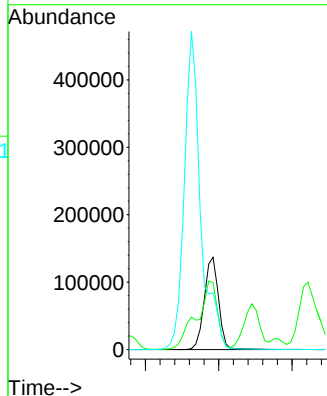
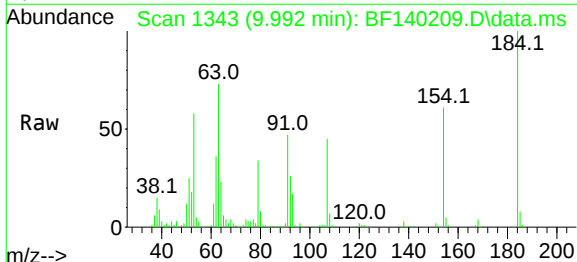
Manual Integrations
APPROVED

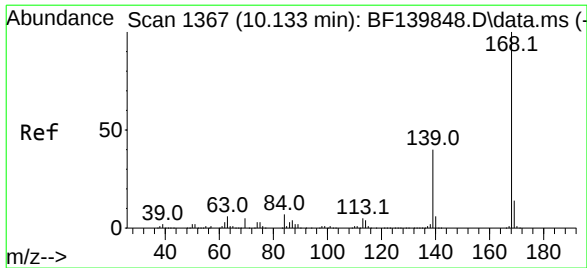
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#54
2,4-Dinitrophenol
Concen: 128.114 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.018 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

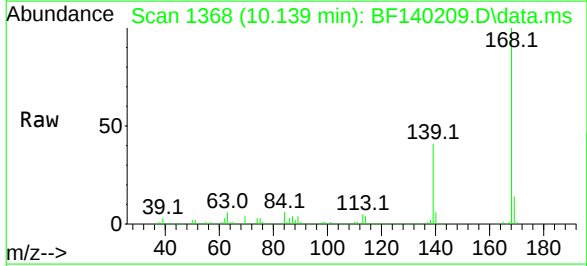
Tgt Ion:184 Resp: 186032
Ion Ratio Lower Upper
184 100
63 72.6 84.7 127.1#
154 61.5 338.2 507.2#





#55
Dibenzofuran
Concen: 48.725 ng
RT: 10.139 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

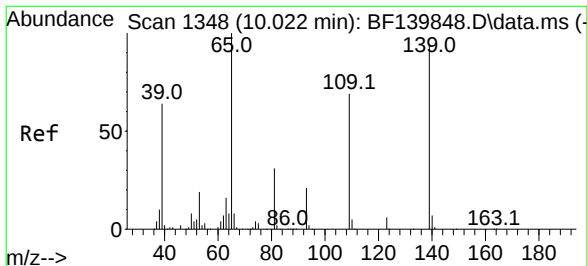
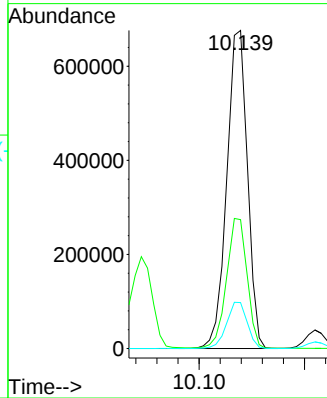
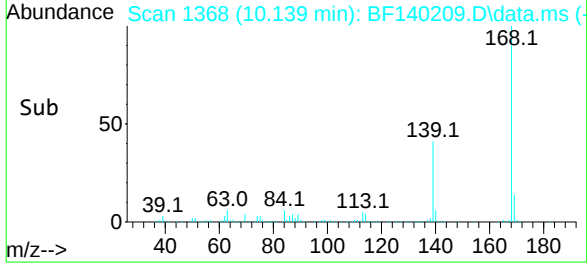
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MS



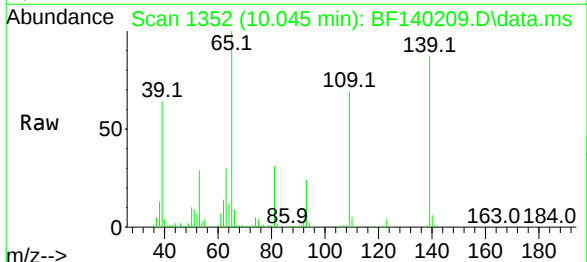
Tgt Ion:168 Resp: 919276
Ion Ratio Lower Upper
168 100
139 40.5 31.8 47.6
169 14.4 11.6 17.4

Manual Integrations
APPROVED

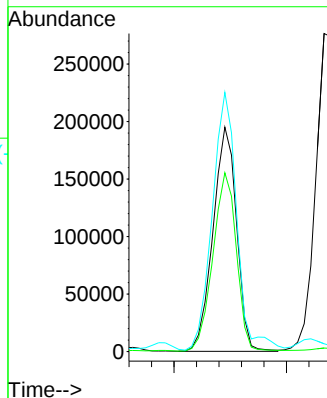
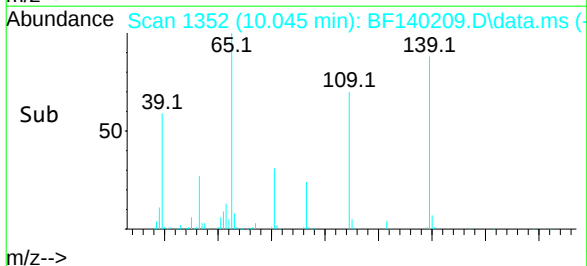
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

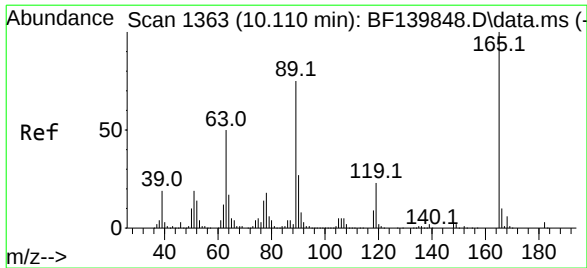


#56
4-Nitrophenol
Concen: 105.933 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.024 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27



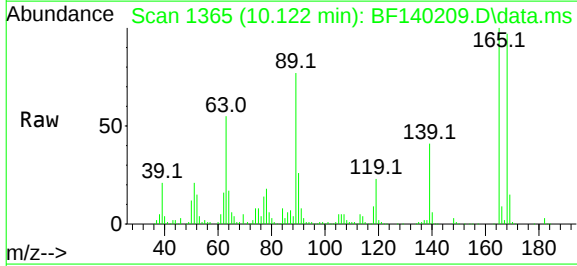
Tgt Ion:139 Resp: 284253
Ion Ratio Lower Upper
139 100
109 79.7 53.6 93.6
65 115.5 87.8 127.8





#57
2,4-Dinitrotoluene
Concen: 58.467 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

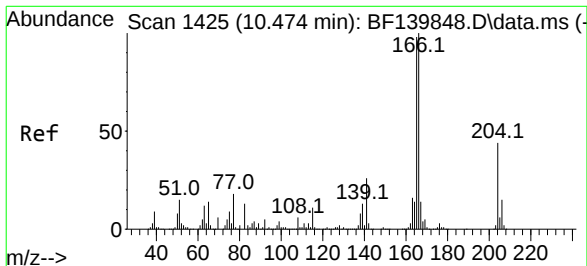
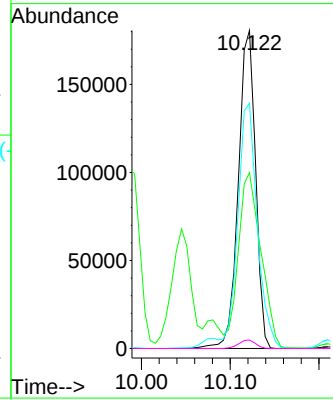
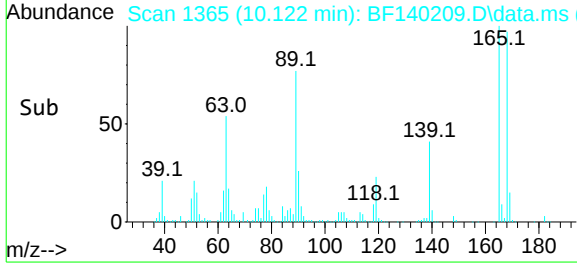
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MS



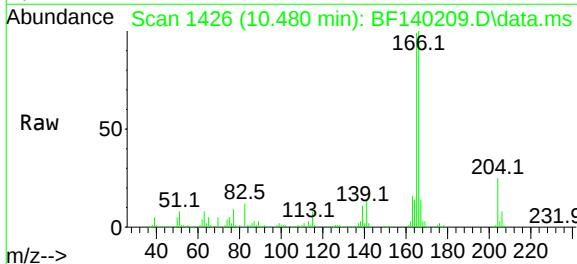
Tgt Ion:165 Resp: 243168
Ion Ratio Lower Upper
165 100
63 55.3 40.1 60.1
89 77.1 60.4 90.6
182 2.7 2.0 3.0

Manual Integrations
APPROVED

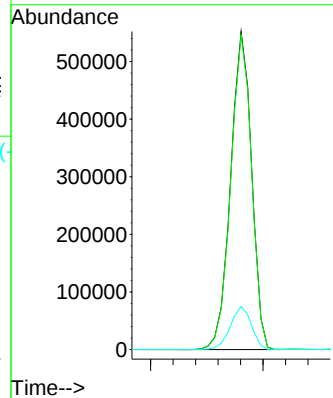
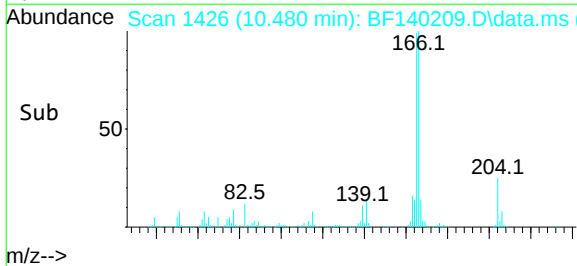
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

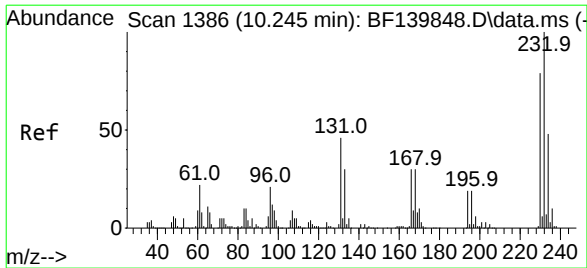


#58
Fluorene
Concen: 49.653 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27



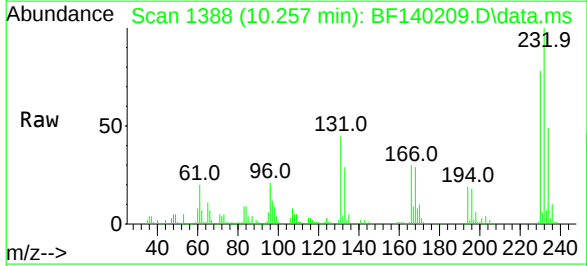
Tgt Ion:166 Resp: 713514
Ion Ratio Lower Upper
166 100
165 98.8 78.5 117.7
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.908 ng
RT: 10.257 min Scan# 1388
Delta R.T. 0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

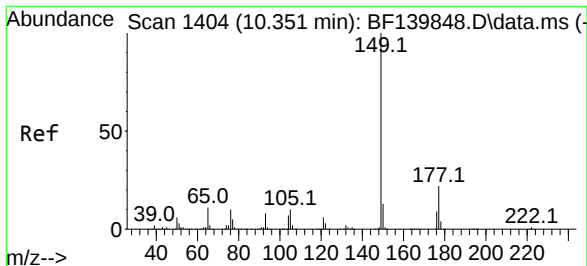
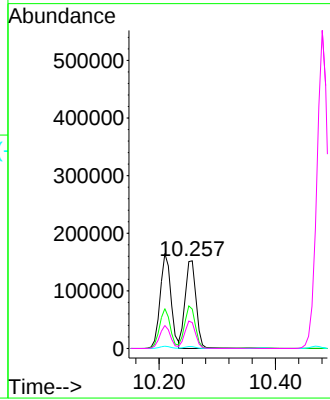
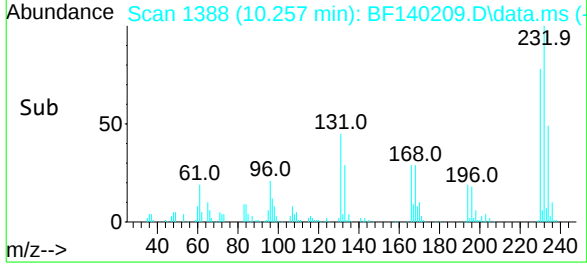
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MS



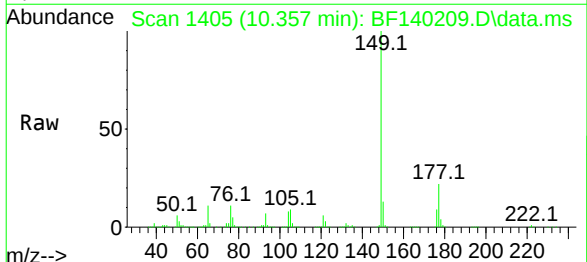
Tgt Ion:232 Resp: 201098
Ion Ratio Lower Upper
232 100
131 46.6 37.0 55.6
130 2.2 1.9 2.9
166 29.8 24.2 36.2

Manual Integrations
APPROVED

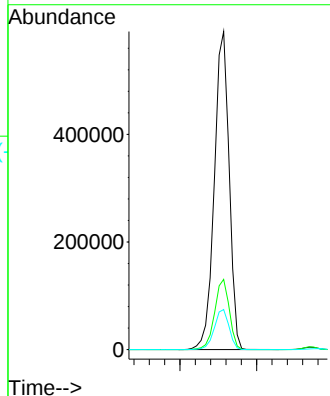
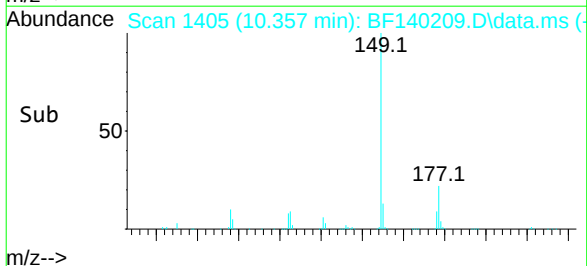
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

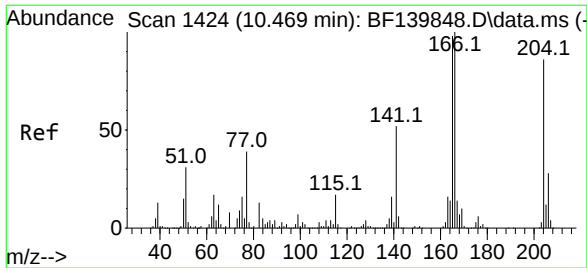


#60
Diethylphthalate
Concen: 51.692 ng
RT: 10.357 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27



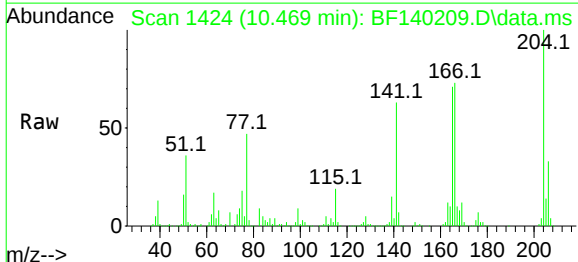
Tgt Ion:149 Resp: 792783
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 49.530 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

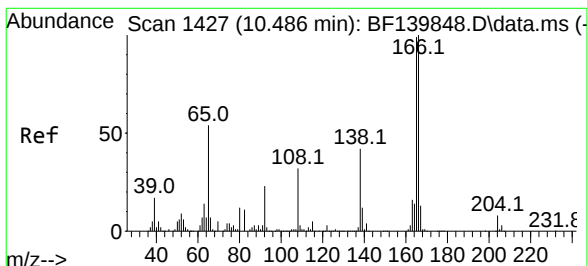
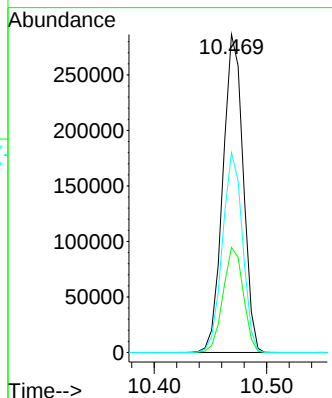
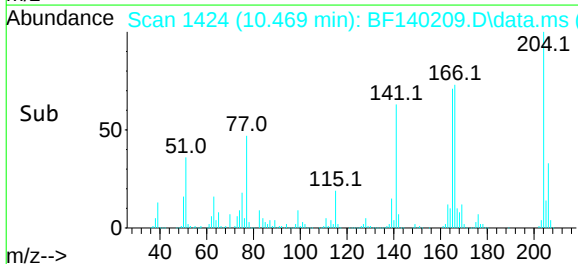
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MS



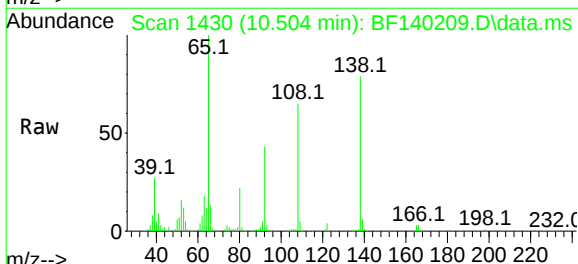
Tgt Ion:204 Resp: 359435
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 62.8 48.6 73.0

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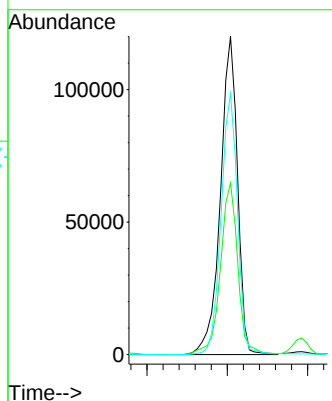
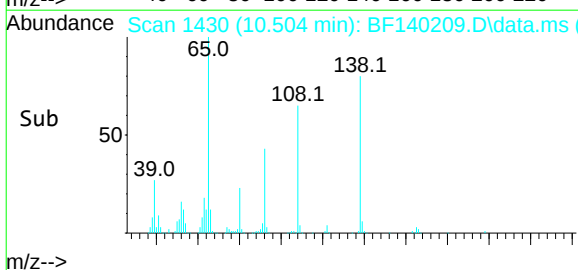
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

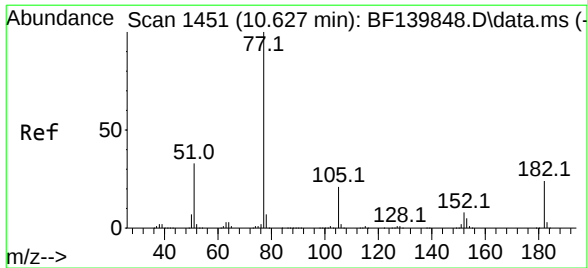


#62
4-Nitroaniline
Concen: 54.011 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.018 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27



Tgt Ion:138 Resp: 177917
Ion Ratio Lower Upper
138 100
92 54.0 35.7 75.7
108 82.1 57.5 97.5





#63

Azobenzene

Concen: 57.911 ng

RT: 10.633 min Scan# 1452

Delta R.T. 0.006 min

Lab File: BF140209.D

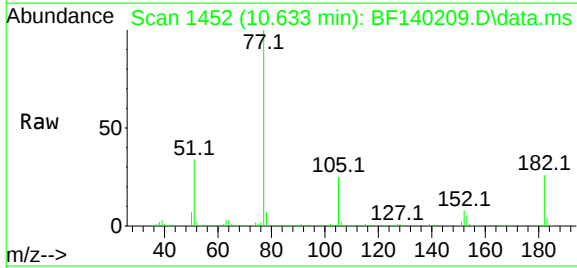
Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

RES-BUILDING-PAD-NO-2MS



Tgt Ion: 77 Resp: 941594

Ion Ratio Lower Upper

77 100

182 25.9 3.3 43.3

105 25.1 1.2 41.2

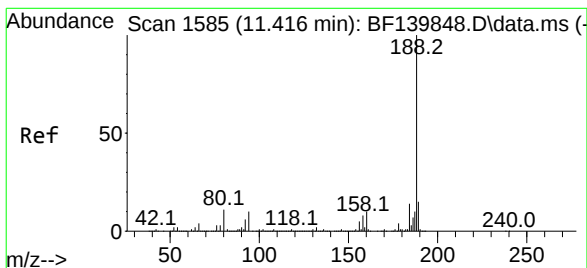
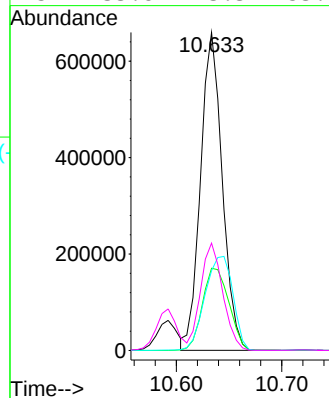
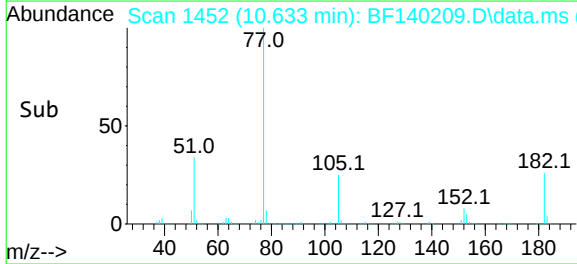
51 33.8 13.3 53.3

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: BF140209.D

Acq: 01 Nov 2024 14:27

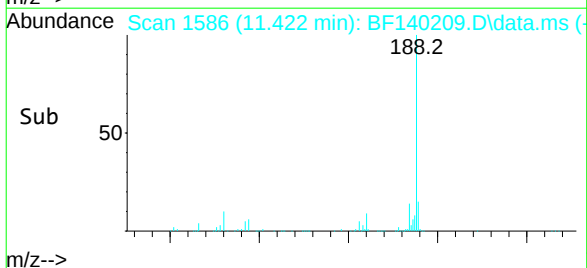
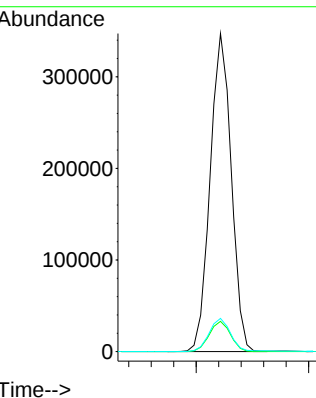
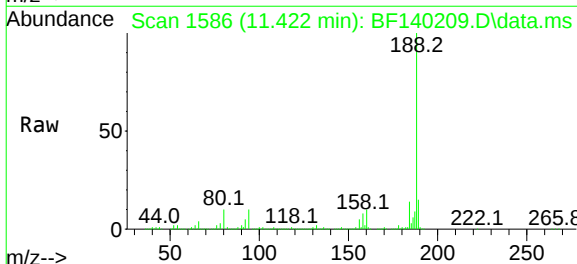
Tgt Ion:188 Resp: 453631

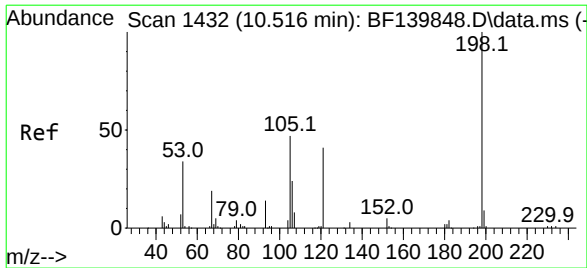
Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

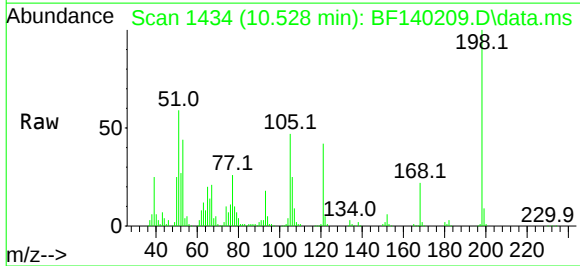
80 10.4 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 69.617 ng
RT: 10.528 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

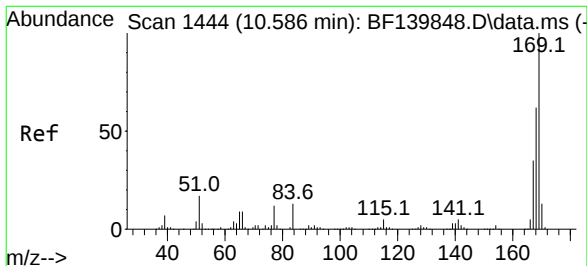
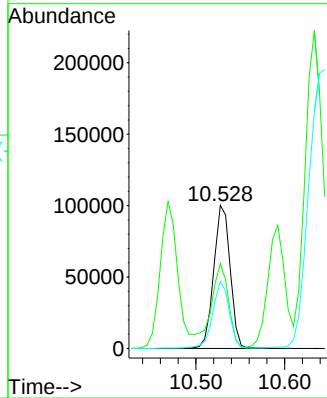
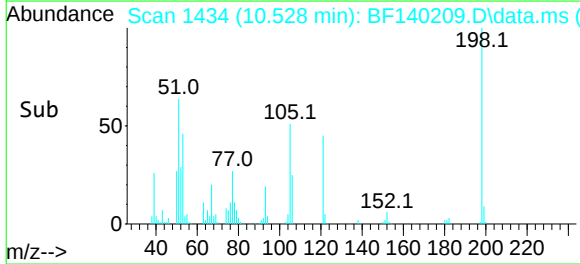
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MS



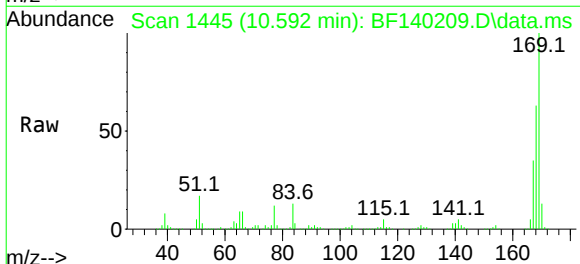
Tgt Ion:198 Resp: 128815
Ion Ratio Lower Upper
198 100
51 59.2 38.2 78.2
105 46.7 27.9 67.9

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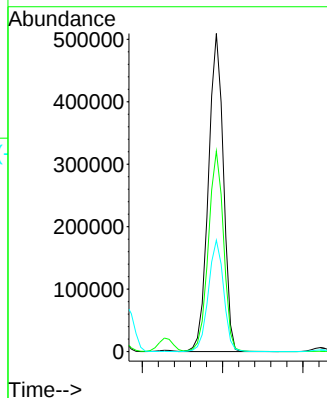
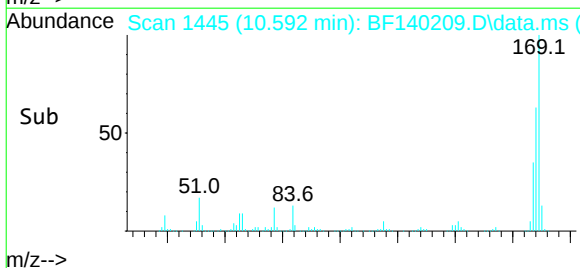
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

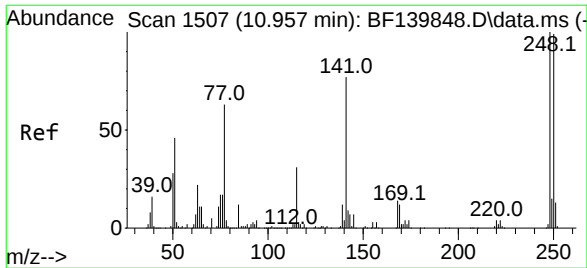


#66
n-Nitrosodiphenylamine
Concen: 48.706 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27



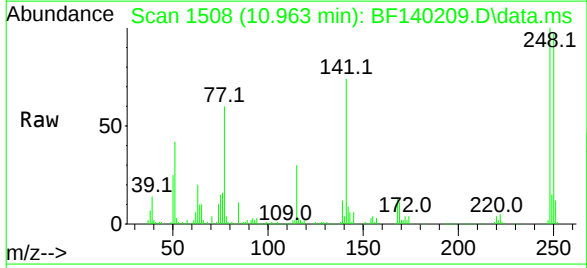
Tgt Ion:169 Resp: 661283
Ion Ratio Lower Upper
169 100
168 63.0 49.8 74.6
167 35.0 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 49.253 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

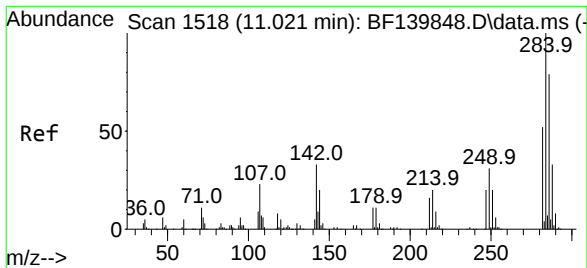
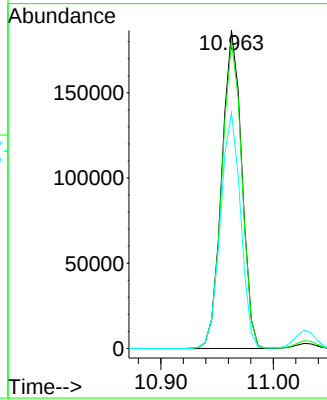
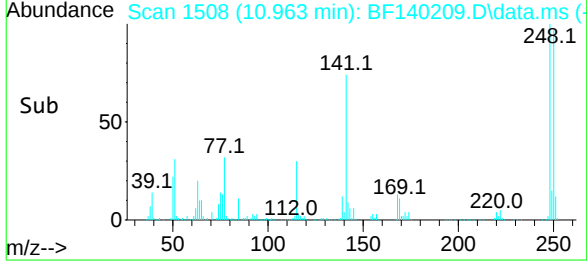
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MS



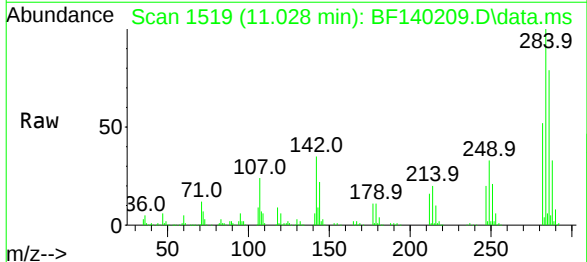
Tgt Ion: 248 Resp: 230172
Ion Ratio Lower Upper
248 100
250 96.5 79.0 118.6
141 74.1 61.7 92.5

Manual Integrations
APPROVED

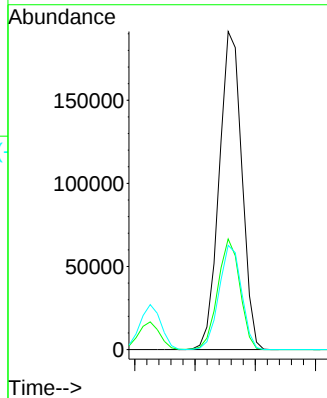
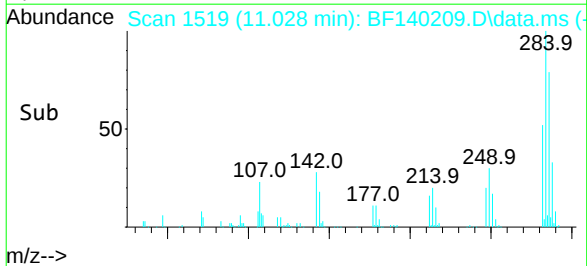
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

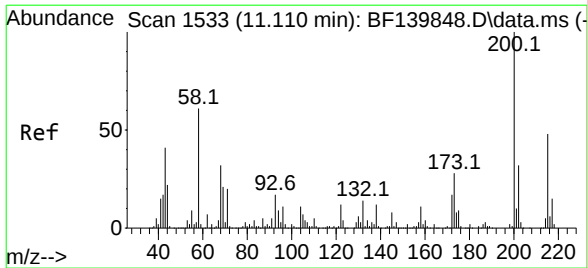


#68
Hexachlorobenzene
Concen: 47.584 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27



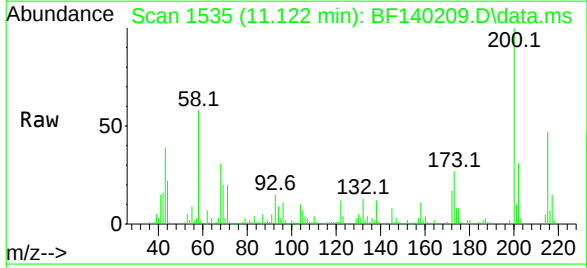
Tgt Ion: 284 Resp: 250093
Ion Ratio Lower Upper
284 100
142 34.8 26.9 40.3
249 32.8 25.3 37.9





#69
Atrazine
Concen: 59.739 ng
RT: 11.122 min Scan# 1535
Delta R.T. 0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

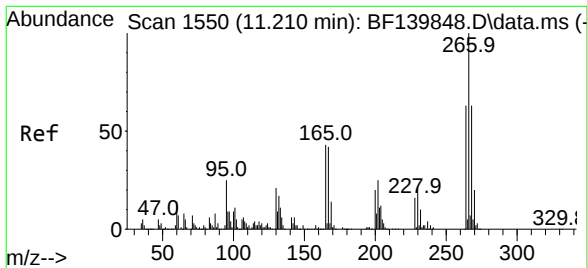
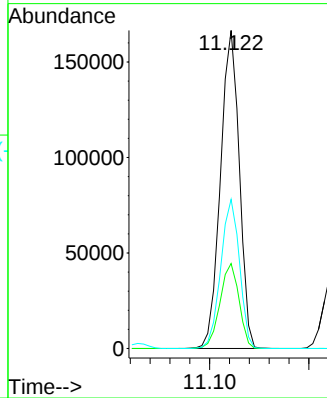
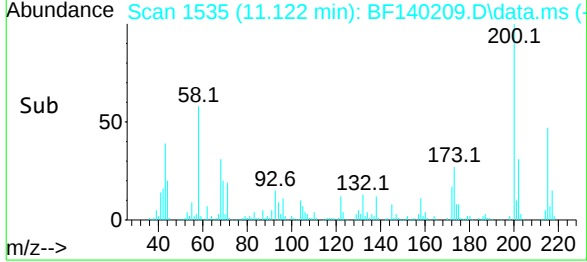
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MS



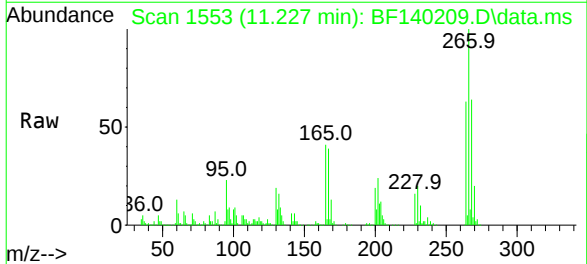
Tgt Ion:200 Resp: 219710
Ion Ratio Lower Upper
200 100
173 26.7 7.7 47.7
215 46.9 27.7 67.7

Manual Integrations
APPROVED

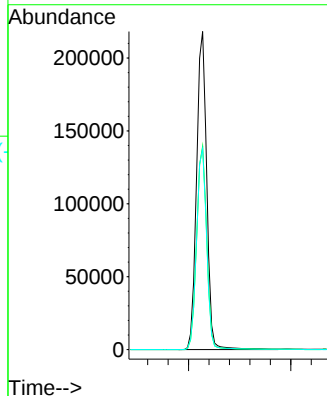
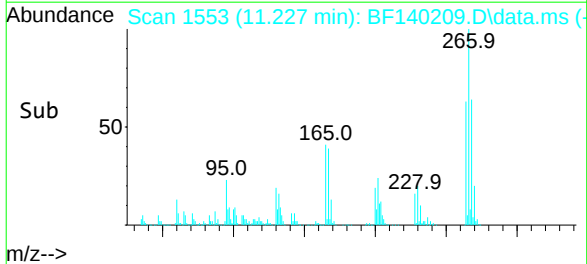
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

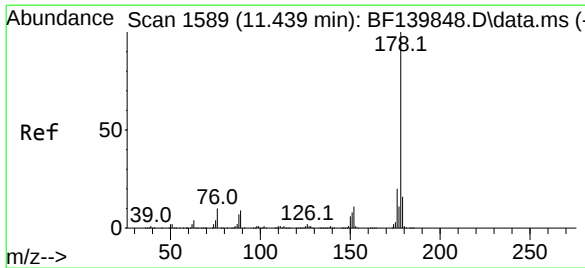


#70
Pentachlorophenol
Concen: 94.258 ng
RT: 11.227 min Scan# 1553
Delta R.T. 0.018 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27



Tgt Ion:266 Resp: 300666
Ion Ratio Lower Upper
266 100
268 63.9 50.4 75.6
264 63.3 50.6 75.8





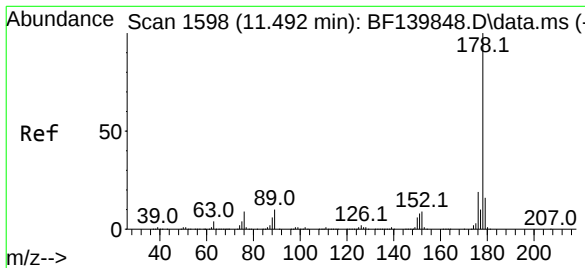
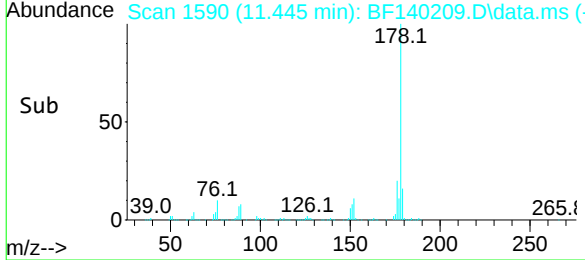
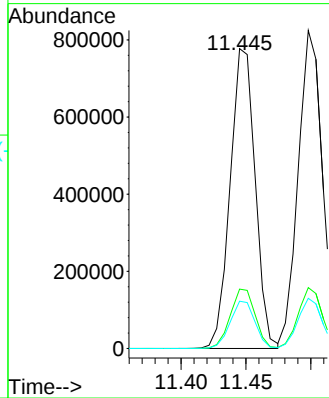
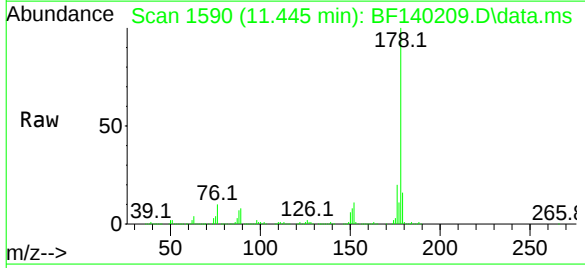
#71
Phenanthrene
Concen: 48.697 ng
RT: 11.445 min Scan# 1589
Delta R.T. 0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

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

Tgt Ion:178 Resp: 1043455
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.8 12.6 18.8

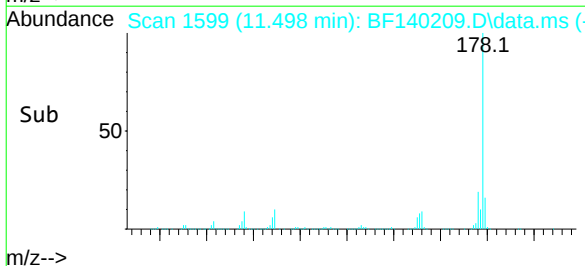
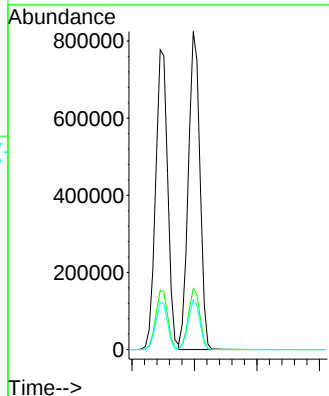
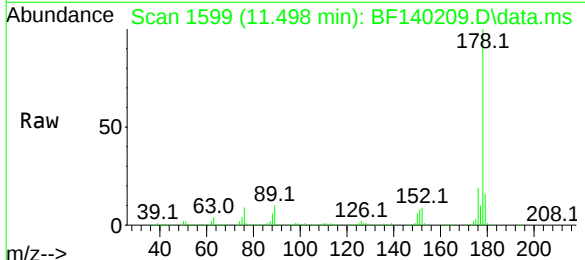
Manual Integrations
APPROVED

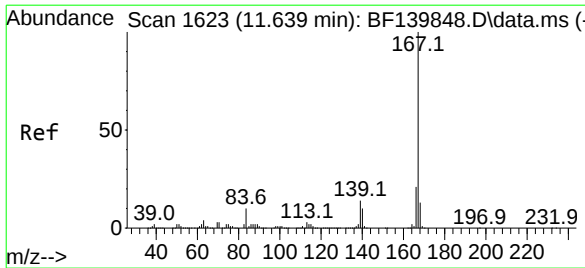
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#72
Anthracene
Concen: 50.569 ng
RT: 11.498 min Scan# 1599
Delta R.T. 0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

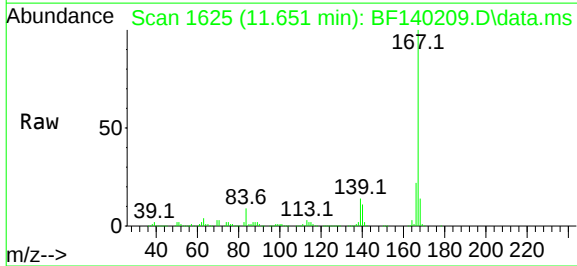
Tgt Ion:178 Resp: 1057230
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.8 12.4 18.6





#73
 Carbazole
 Concen: 47.637 ng
 RT: 11.651 min Scan# 1623
 Delta R.T. 0.012 min
 Lab File: BF140209.D
 Acq: 01 Nov 2024 14:27

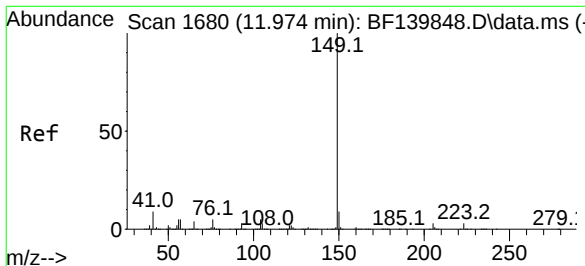
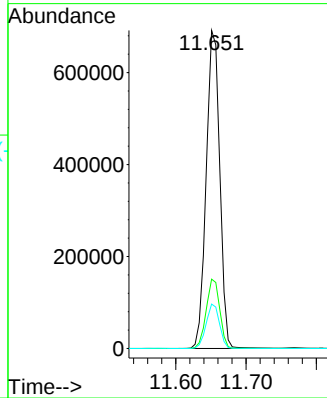
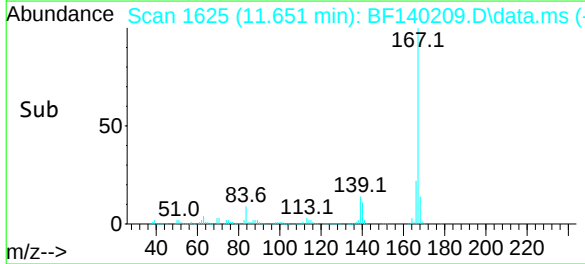
Instrument :
 BNA_F
 ClientSampleId :
 RES-BUILDING-PAD-NO-2MS



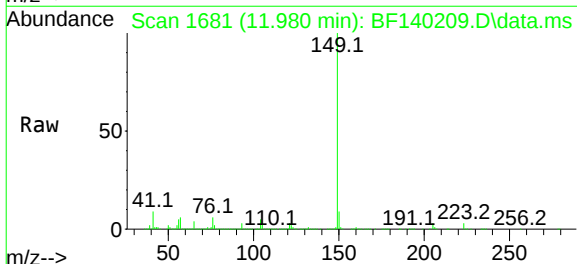
Tgt Ion:167 Resp: 926239
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 14.0 10.8 16.2

Manual Integrations
 APPROVED

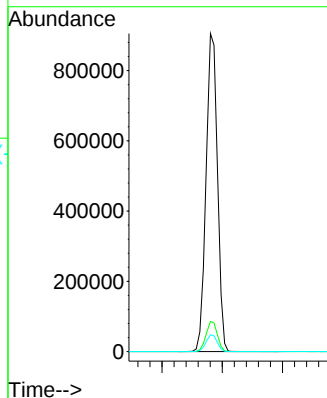
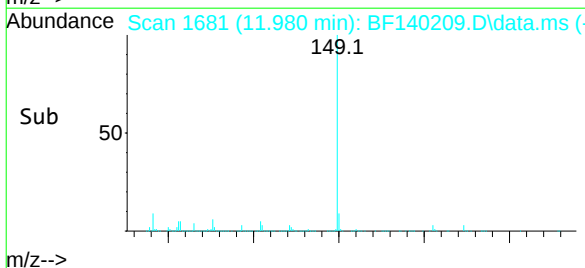
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

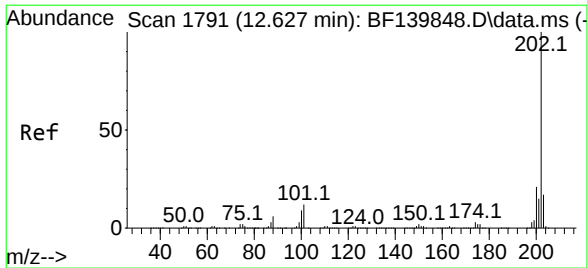


#74
 Di-n-butylphthalate
 Concen: 52.893 ng
 RT: 11.980 min Scan# 1681
 Delta R.T. 0.006 min
 Lab File: BF140209.D
 Acq: 01 Nov 2024 14:27



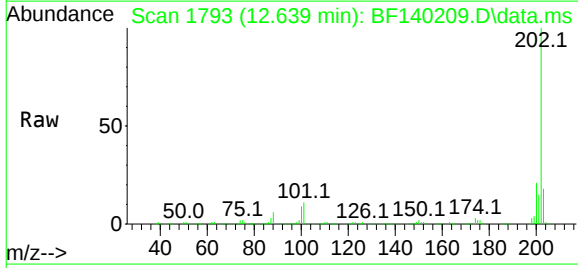
Tgt Ion:149 Resp: 1188190
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.3 4.1 6.1





#75
Fluoranthene
Concen: 47.983 ng
RT: 12.639 min Scan# 1791
Delta R.T. 0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

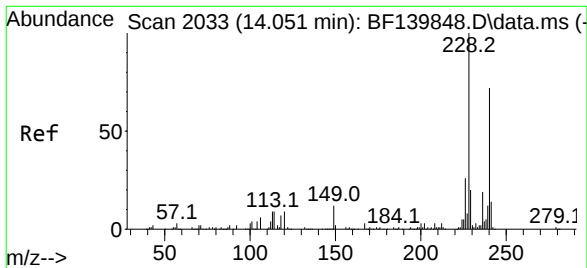
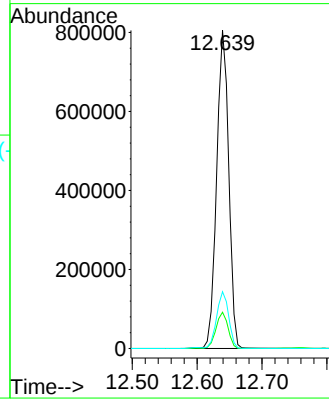
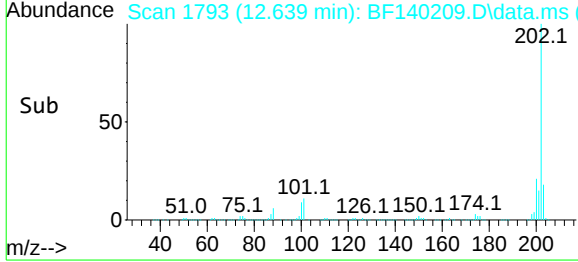
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MS



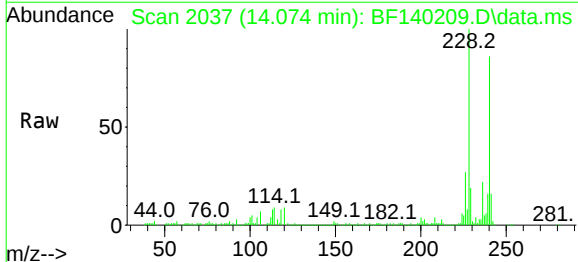
Tgt Ion: 202 Resp: 1039398
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.9
203 17.8 0.0 37.5

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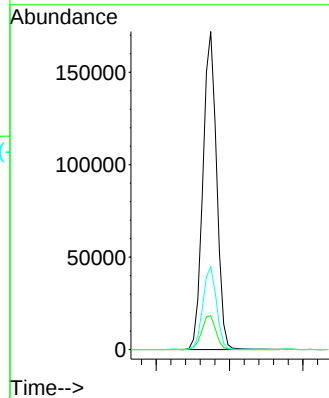
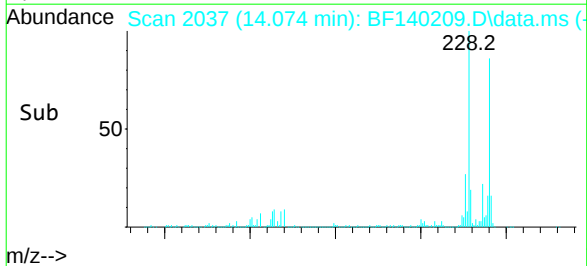
Reviewed By : Yogesh Patel 11/04/2024
Supervised By : mohammad ahmed 11/04/2024

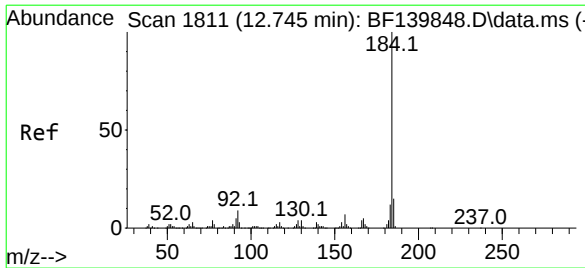


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2037
Delta R.T. 0.024 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27



Tgt Ion: 240 Resp: 223586
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 26.0 20.9 31.3





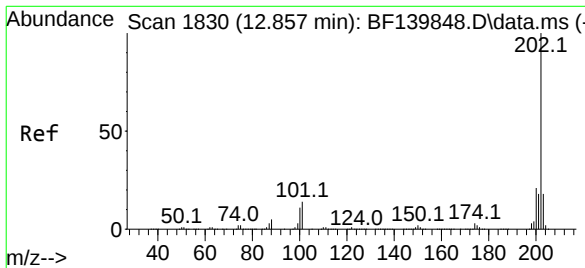
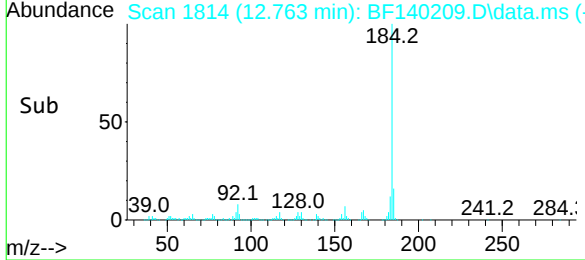
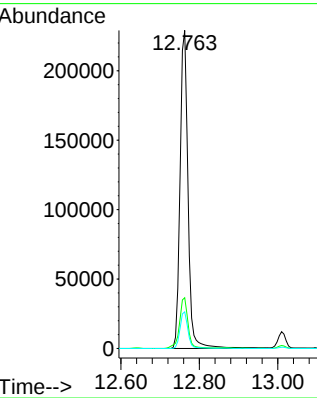
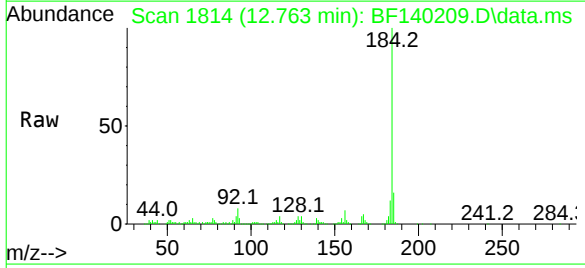
#77
Benzidine
Concen: 87.896 ng
RT: 12.763 min Scan# 1811
Delta R.T. 0.018 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

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

Tgt Ion:184 Resp: 323149
Ion Ratio Lower Upper
184 100
185 16.0 12.0 18.0
183 11.5 9.4 14.2

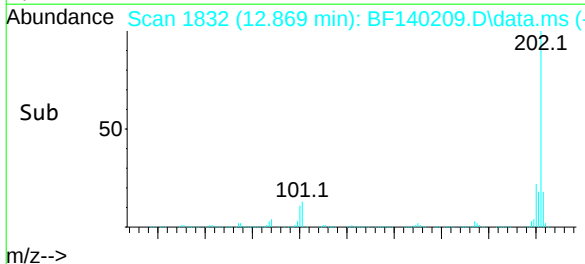
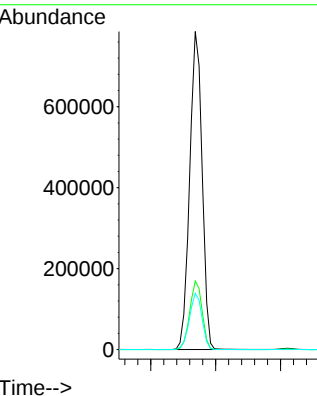
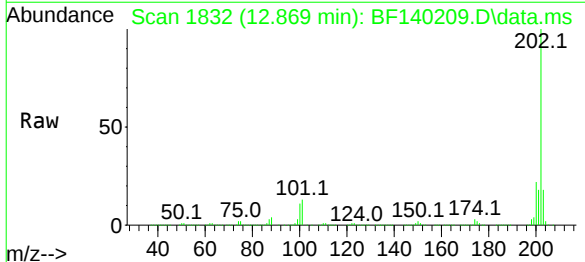
Manual Integrations
APPROVED

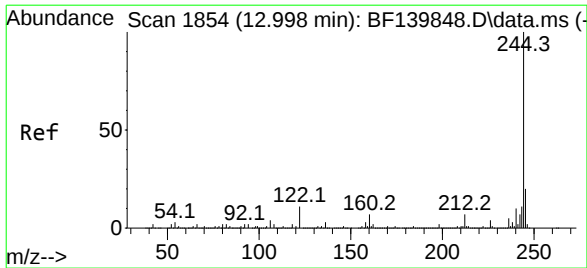
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#78
Pyrene
Concen: 53.389 ng
RT: 12.869 min Scan# 1832
Delta R.T. 0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Tgt Ion:202 Resp: 1044880
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 86.311 ng

RT: 13.010 min Scan# 18

Delta R.T. 0.012 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

RES-BUILDING-PAD-NO-2MS

Tgt Ion:244 Resp: 1184293

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

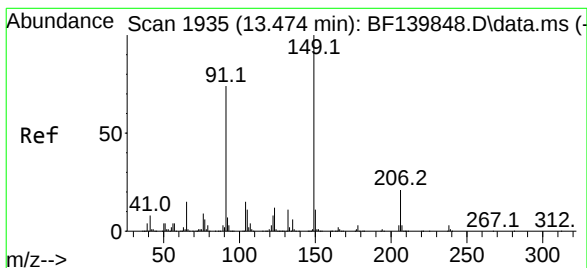
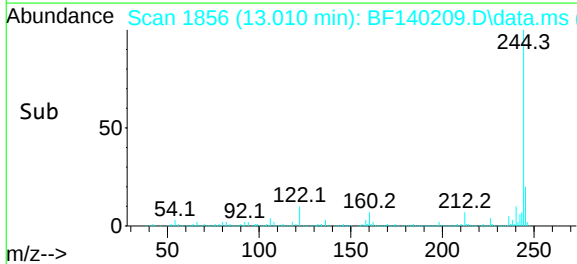
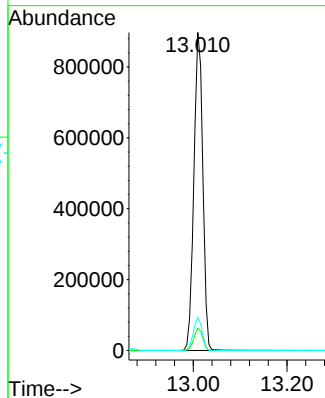
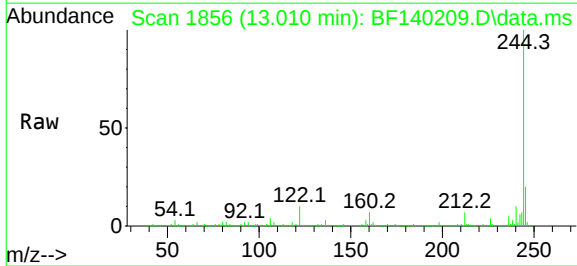
122 10.3 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#80

Butylbenzylphthalate

Concen: 73.982 ng

RT: 13.486 min Scan# 1937

Delta R.T. 0.012 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

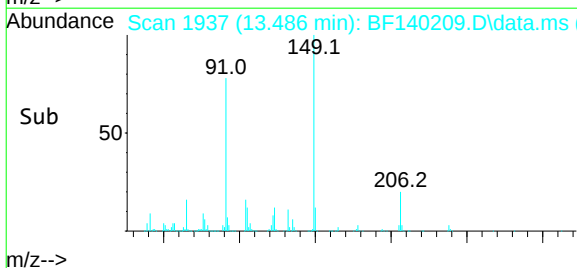
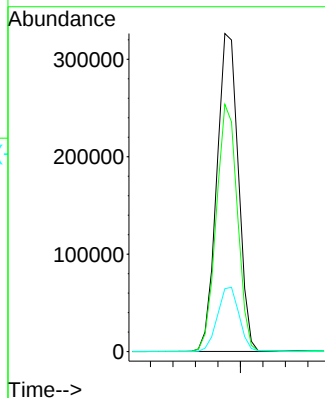
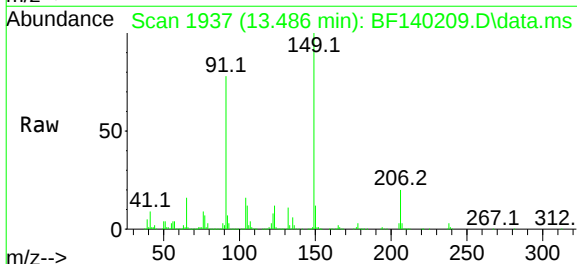
Tgt Ion:149 Resp: 434089

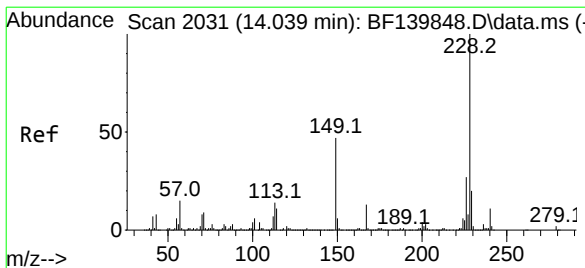
Ion Ratio Lower Upper

149 100

91 77.7 59.4 89.2

206 19.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 49.963 ng

RT: 14.063 min Scan# 2028

Delta R.T. 0.024 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

RES-BUILDING-PAD-NO-2MS

Tgt Ion:228 Resp: 727202

Ion Ratio Lower Upper

228 100

226 27.2 21.6 32.4

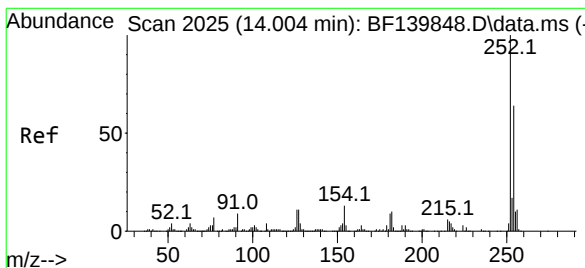
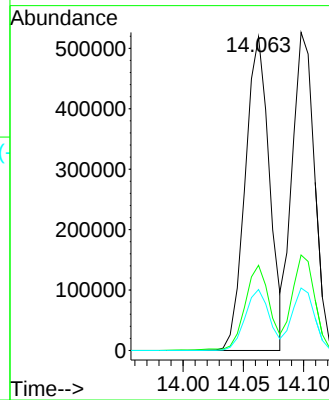
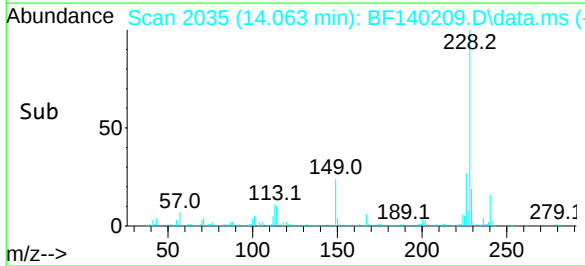
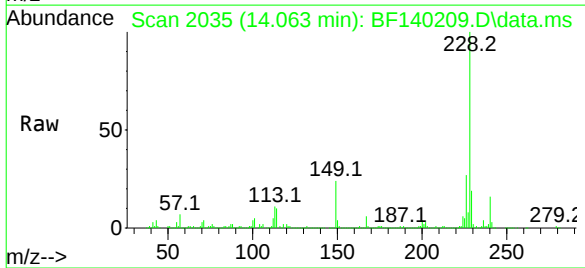
229 19.4 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#82

3,3'-Dichlorobenzidine

Concen: 39.727 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.018 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

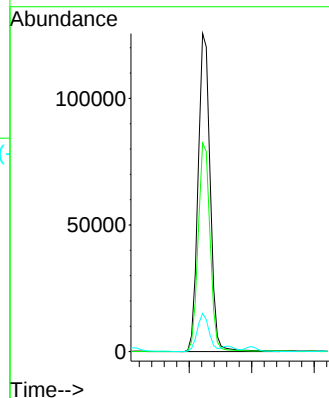
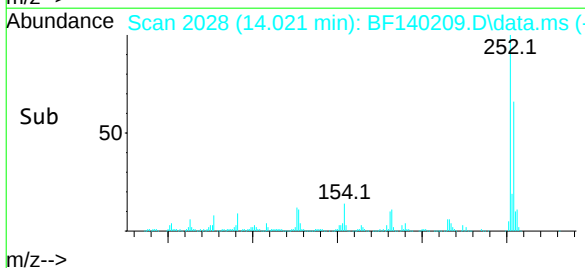
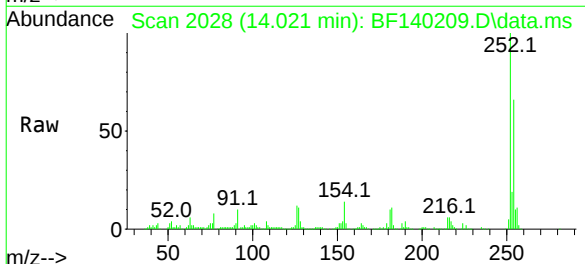
Tgt Ion:252 Resp: 168586

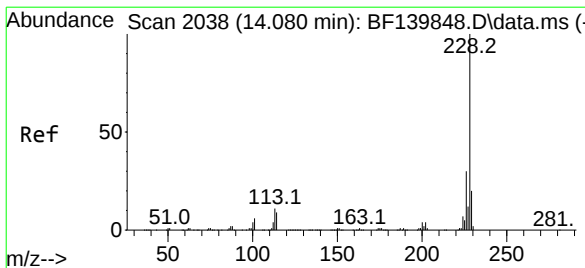
Ion Ratio Lower Upper

252 100

254 65.6 50.8 76.2

126 12.0 8.9 13.3





#83

Chrysene

Concen: 51.206 ng

RT: 14.098 min Scan# 2038

Delta R.T. 0.018 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

RES-BUILDING-PAD-NO-2MS

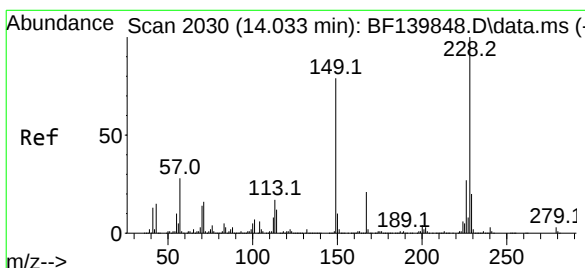
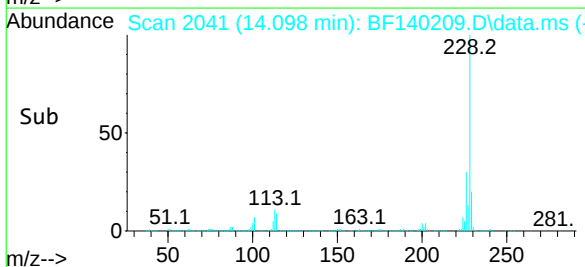
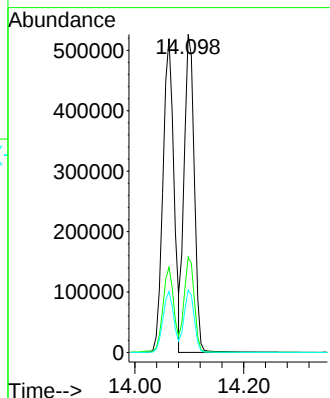
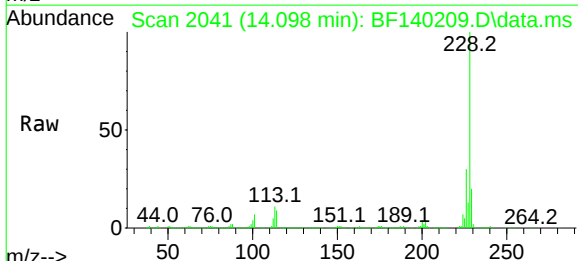
Tgt Ion:	228	Resp:	683337
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.1	36.1
229	19.6	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 82.954 ng

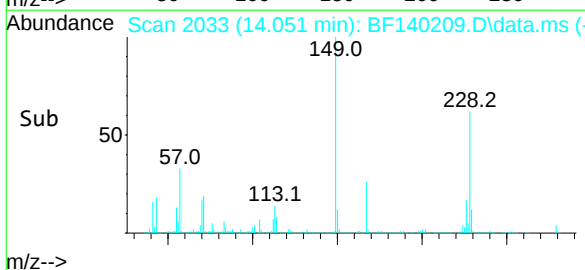
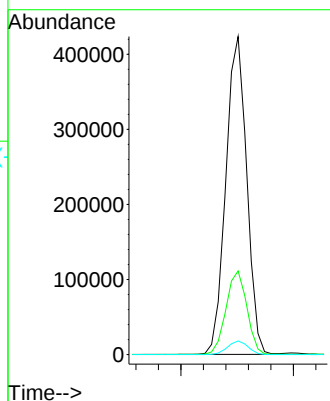
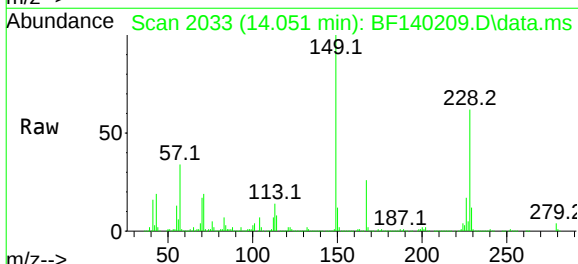
RT: 14.051 min Scan# 2033

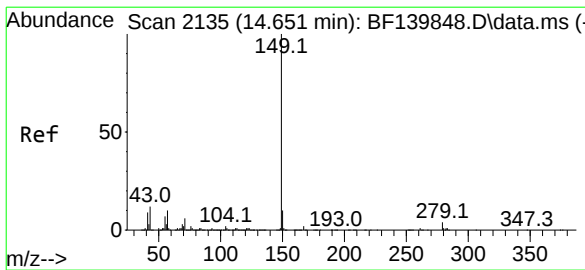
Delta R.T. 0.018 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

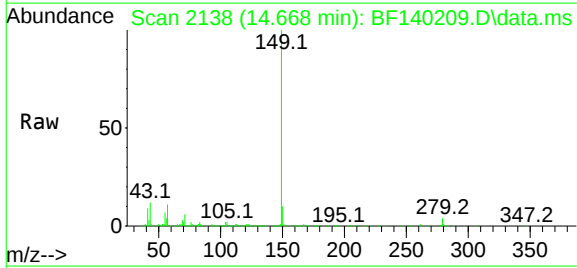
Tgt Ion:	149	Resp:	546086
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.4	32.0
279	4.3	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 64.753 ng
RT: 14.668 min Scan# 2138
Delta R.T. 0.017 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

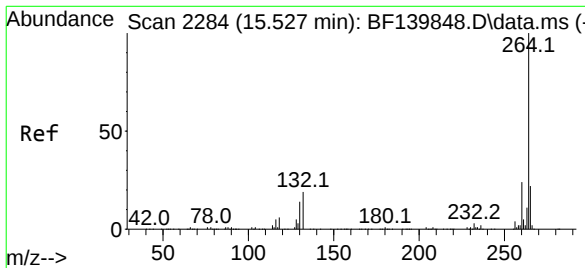
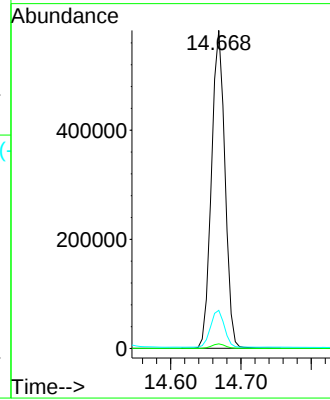
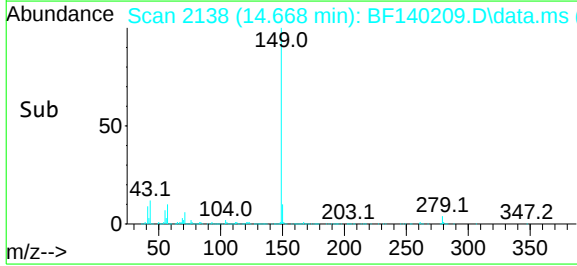
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MS



Tgt Ion:149 Resp: 775336
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.8 9.8 14.6

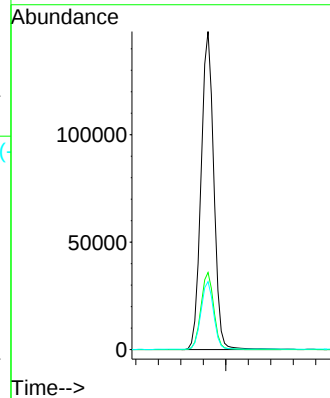
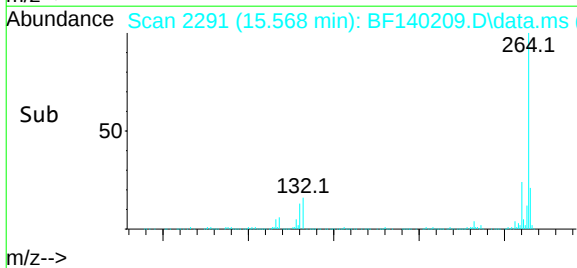
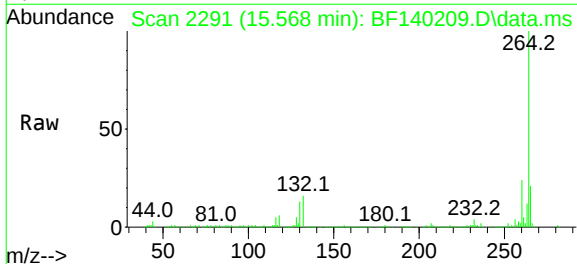
Manual Integrations
APPROVED

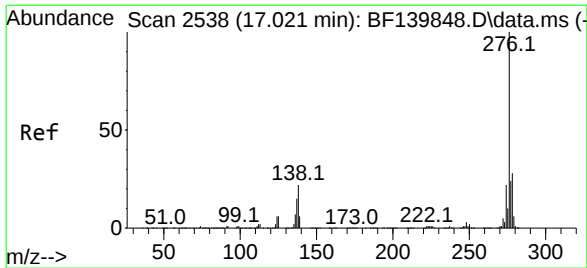
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2291
Delta R.T. 0.041 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

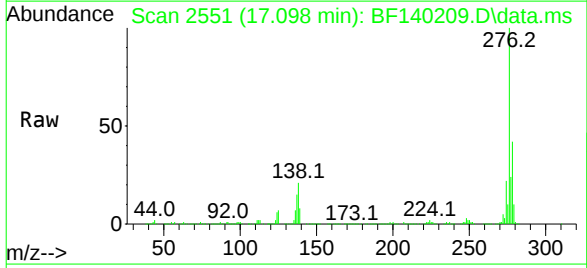
Tgt Ion:264 Resp: 232464
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 21.4 17.4 26.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.155 ng
 RT: 17.098 min Scan# 2538
 Delta R.T. 0.077 min
 Lab File: BF140209.D
 Acq: 01 Nov 2024 14:27

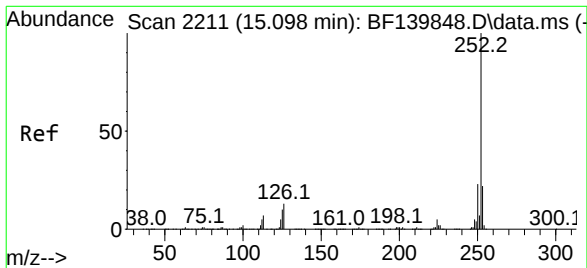
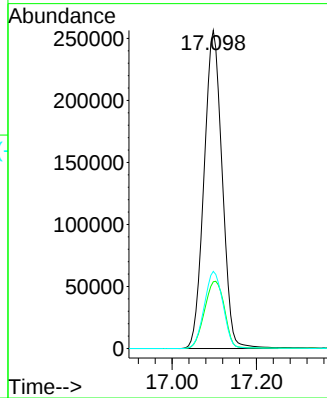
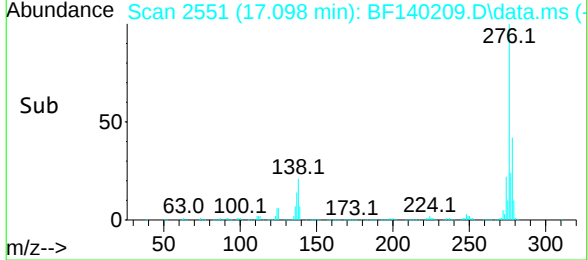
Instrument :
 BNA_F
 ClientSampleId :
 RES-BUILDING-PAD-NO-2MS



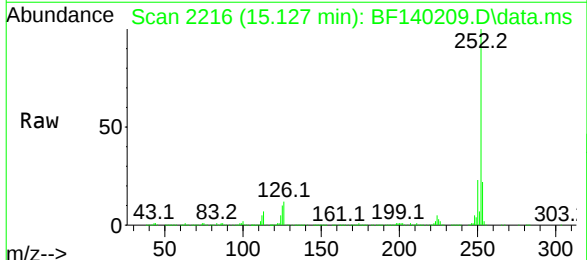
Tgt Ion:	276	Resp:	765016
Ion	Ratio	Lower	Upper
276	100		
138	23.5	20.4	30.6
277	25.0	20.2	30.4

Manual Integrations
 APPROVED

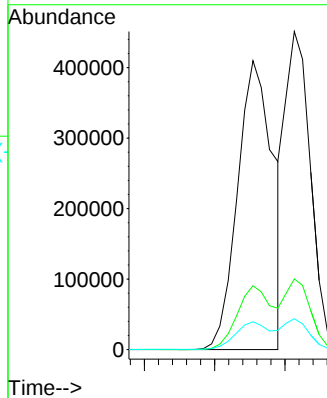
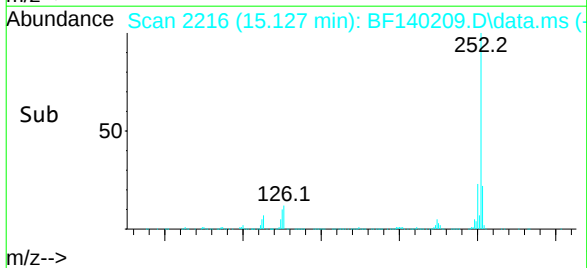
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

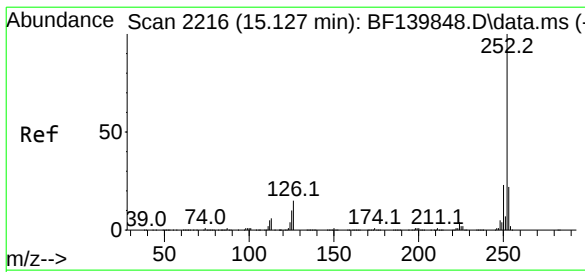


#88
 Benzo(b)fluoranthene
 Concen: 50.398 ng
 RT: 15.127 min Scan# 2216
 Delta R.T. 0.030 min
 Lab File: BF140209.D
 Acq: 01 Nov 2024 14:27



Tgt Ion:	252	Resp:	713676
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.6	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 46.962 ng

RT: 15.157 min Scan# 2216

Delta R.T. 0.030 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

RES-BUILDING-PAD-NO-2MS

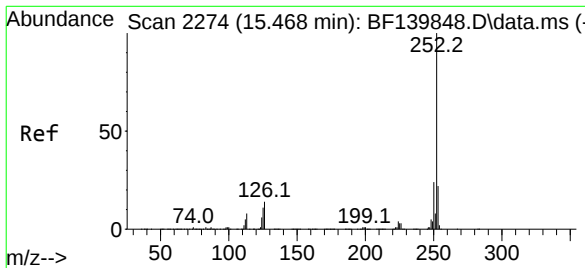
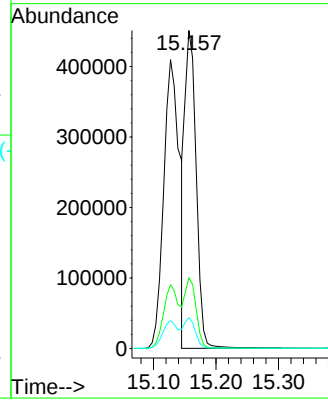
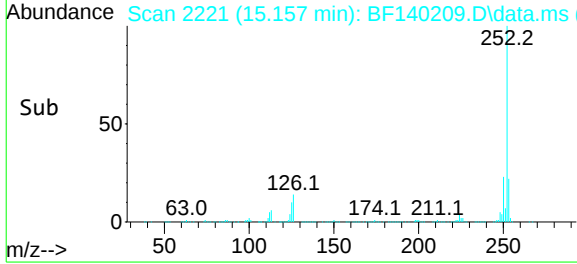
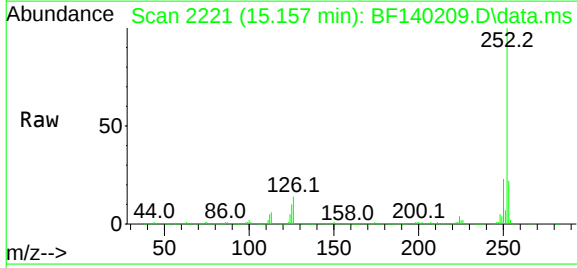
Tgt Ion:	252	Resp:	573519
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.6	26.4
125	9.7	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#90

Benzo(a)pyrene

Concen: 54.087 ng

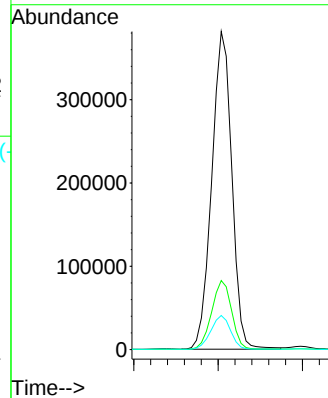
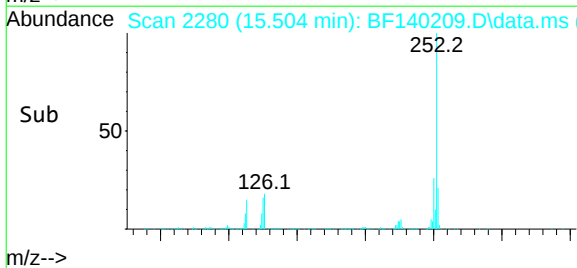
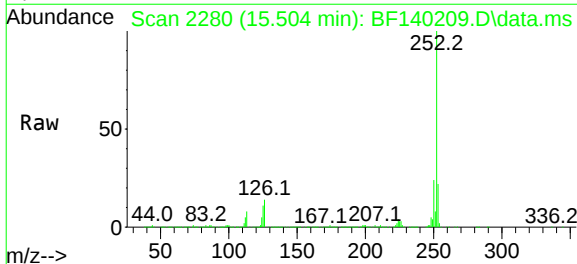
RT: 15.504 min Scan# 2280

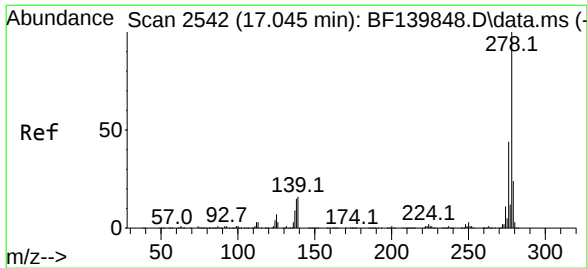
Delta R.T. 0.035 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Tgt Ion:	252	Resp:	630220
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.3	25.9
125	10.7	8.7	13.1





#91

Dibenzo(a,h)anthracene

Concen: 50.048 ng

RT: 17.121 min Scan# 25

Delta R.T. 0.077 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

RES-BUILDING-PAD-NO-2MS

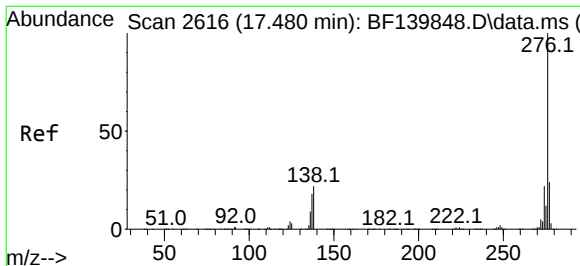
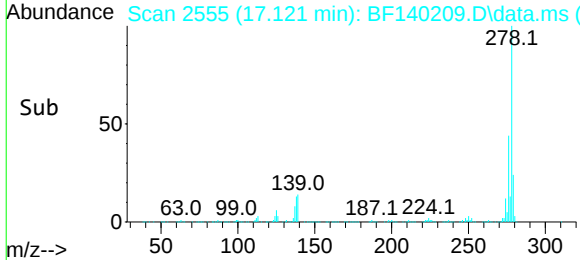
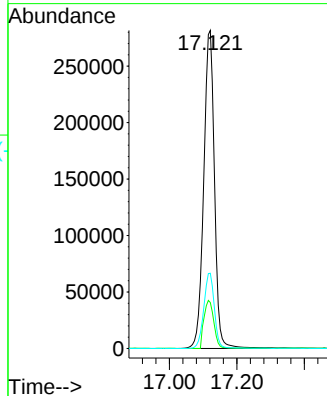
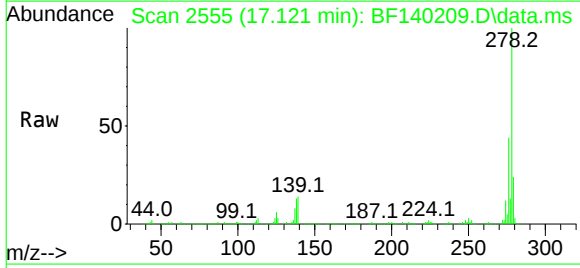
Tgt Ion:	278	Resp:	624384
Ion	Ratio	Lower	Upper
278	100		
139	14.4	13.1	19.7
279	23.7	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#92

Benzo(g,h,i)perylene

Concen: 44.503 ng

RT: 17.562 min Scan# 2630

Delta R.T. 0.082 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Tgt Ion:	276	Resp:	554578
Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.6
138	20.2	17.4	26.0

