

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134219.D
 Acq On : 11 Jul 2023 18:32
 Operator : CG\JU
 Sample : PB154060BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154060BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

Supervised By :mohammad
 ahmed
 07/12/2023

Quant Time: Jul 12 01:28:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	97220	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	382036	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	190313	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	377919	20.000	ng	0.00
76) Chrysene-d12	14.039	240	195774	20.000	ng	0.00
86) Perylene-d12	15.539	264	179153	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	678360	116.719	ng	0.01
7) Phenol-d6	6.486	99	809196	113.214	ng	0.00
23) Nitrobenzene-d5	7.410	82	554052	78.177	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	281747	118.076	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1022405	78.106	ng	0.00
79) Terphenyl-d14	12.974	244	1152141	94.715	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	96774	40.383	ng	98
3) Pyridine	3.481	79	195725	31.356	ng	97
4) n-Nitrosodimethylamine	3.440	42	151564	42.513	ng	96
6) Aniline	6.510	93	190303	21.880	ng	91
8) 2-Chlorophenol	6.634	128	265600	45.018	ng	94
9) Benzaldehyde	6.398	77	94260	21.067	ng	98
10) Phenol	6.498	94	313233	41.681	ng	93
11) bis(2-Chloroethyl)ether	6.581	93	242468	43.824	ng	99
12) 1,3-Dichlorobenzene	6.786	146	283793	45.119	ng	97
13) 1,4-Dichlorobenzene	6.863	146	292598	46.056	ng	98
14) 1,2-Dichlorobenzene	7.010	146	276635	46.494	ng	99
15) Benzyl Alcohol	6.992	79	232279	42.155	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.122	45	396510	40.509	ng	95
17) 2-Methylphenol	7.104	107	223658	42.334	ng	96
18) Hexachloroethane	7.351	117	109223	46.366	ng	94
19) n-Nitroso-di-n-propyla...	7.263	70	188229	41.527	ng	98
20) 3+4-Methylphenols	7.257	107	266094	41.517	ng	99
22) Acetophenone	7.257	105	382257	43.996	ng	96
24) Nitrobenzene	7.428	77	289481	40.420	ng	94
25) Isophorone	7.663	82	514817	39.969	ng	98
26) 2-Nitrophenol	7.745	139	146425	42.620	ng	99
27) 2,4-Dimethylphenol	7.781	122	231743	42.613	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	293963	39.415	ng	99
29) 2,4-Dichlorophenol	7.986	162	223279	41.404	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	237124	42.614	ng	98
31) Naphthalene	8.145	128	744346	40.336	ng	99
32) Benzoic acid	7.910	122	166546	40.869	ng	98
33) 4-Chloroaniline	8.198	127	91238	11.558	ng	98
34) Hexachlorobutadiene	8.257	225	154760	44.090	ng	99
35) Caprolactam	8.575	113	74909m	42.187	ng	
36) 4-Chloro-3-methylphenol	8.686	107	251527	41.519	ng	96
37) 2-Methylnaphthalene	8.839	142	501260	38.412	ng	100
38) 1-Methylnaphthalene	8.939	142	467560	38.541	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	246508	43.720	ng	98
41) Hexachlorocyclopentadiene	8.992	237	223305	83.481	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	156047	40.656	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	170462	37.756	ng	97
46) 1,1'-Biphenyl	9.304	154	639722	41.904	ng	98
47) 2-Chloronaphthalene	9.333	162	472252	42.280	ng	99
48) 2-Nitroaniline	9.433	65	168338	41.353	ng	90
49) Acenaphthylene	9.745	152	764085	40.045	ng	99
50) Dimethylphthalate	9.610	163	547823	39.655	ng	99
51) 2,6-Dinitrotoluene	9.675	165	121384	40.795	ng	90
52) Acenaphthene	9.922	154	451484	40.778	ng	99
53) 3-Nitroaniline	9.845	138	98813	27.682	ng	99
54) 2,4-Dinitrophenol	9.957	184	135077	78.675	ng	98
55) Dibenzofuran	10.092	168	686362	39.667	ng	99
56) 4-Nitrophenol	10.016	139	180968	72.477	ng	96
57) 2,4-Dinitrotoluene	10.080	165	166599	42.397	ng	90
58) Fluorene	10.439	166	545169	40.498	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	144698	40.631	ng	99
60) Diethylphthalate	10.310	149	568857	39.523	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	257047	39.622	ng	97
62) 4-Nitroaniline	10.469	138	131630	36.590	ng	97
63) Azobenzene	10.592	77	530842	38.991	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	92683	44.983	ng	80
66) n-Nitrosodiphenylamine	10.551	169	480363	39.783	ng	99
67) 4-Bromophenyl-phenylether	10.921	248	159270	39.651	ng	96
68) Hexachlorobenzene	10.986	284	188624	44.227	ng	98
69) Atrazine	11.080	200	131174	39.274	ng	97
70) Pentachlorophenol	11.186	266	174854	68.568	ng	98
71) Phenanthrene	11.404	178	778151	40.901	ng	99
72) Anthracene	11.457	178	794885	40.170	ng	100
73) Carbazole	11.616	167	751339	41.482	ng	98
74) Di-n-butylphthalate	11.945	149	866876	40.247	ng	100
75) Fluoranthene	12.598	202	825373	40.129	ng	99
77) Benzidine	12.727	184	113105	24.280	ng	98
78) Pyrene	12.833	202	831137	45.618	ng	99
80) Butylbenzylphthalate	13.451	149	301090	44.063	ng	99
81) Benzo(a)anthracene	14.027	228	576200	42.439	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	136183	31.659	ng	98
83) Chrysene	14.068	228	533435	40.564	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	336757	42.890	ng	100
85) Di-n-octyl phthalate	14.633	149	482973	41.863	ng	98
87) Indeno(1,2,3-cd)pyrene	17.092	276	621998	50.034	ng	97
88) Benzo(b)fluoranthene	15.098	252	505936	48.027	ng	100
89) Benzo(k)fluoranthene	15.127	252	457910	42.693	ng	99
90) Benzo(a)pyrene	15.480	252	436106	42.812	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	508179	50.048	ng	98
92) Benzo(g,h,i)perylene	17.562	276	511151	48.816	ng	97

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



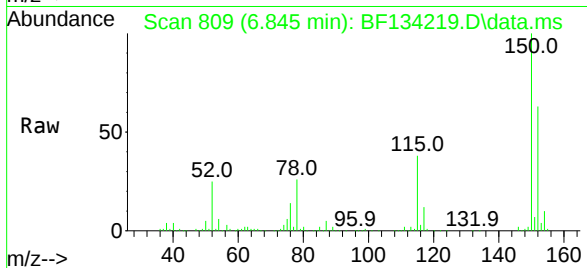
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

PB154060BS

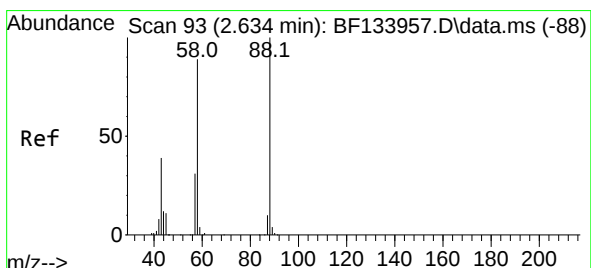
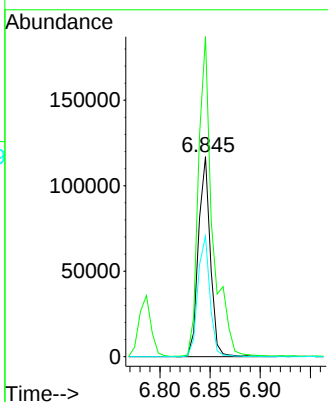
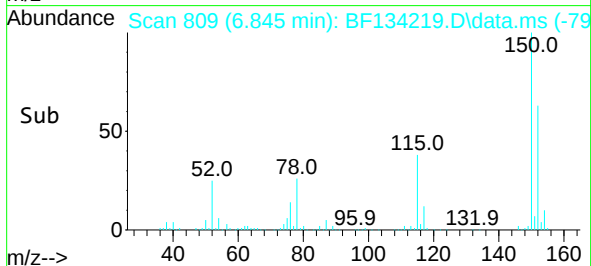


Tgt Ion:152 Resp: 97220
Ion Ratio Lower Upper
152 100
150 160.0 124.5 186.7
115 60.2 50.2 75.2

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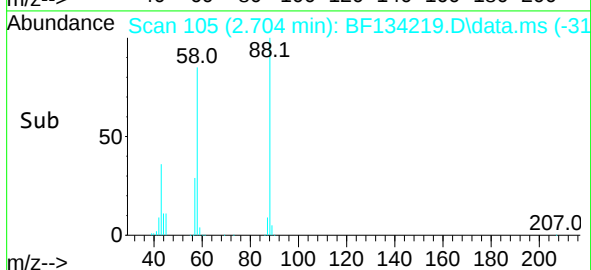
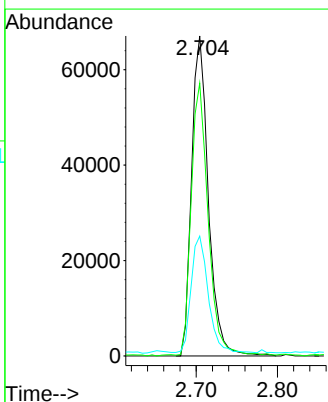
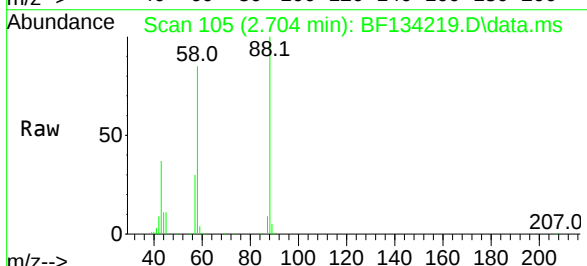
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

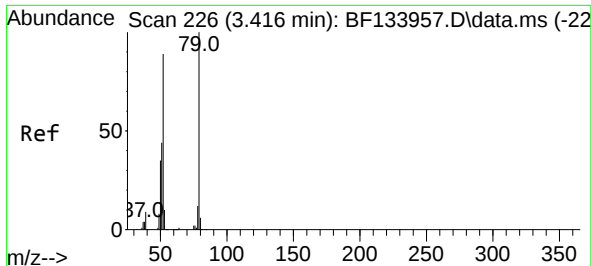
Supervised By :mohammad
ahmed
07/12/2023



#2
1,4-Dioxane
Concen: 40.383 ng
RT: 2.704 min Scan# 105
Delta R.T. 0.088 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

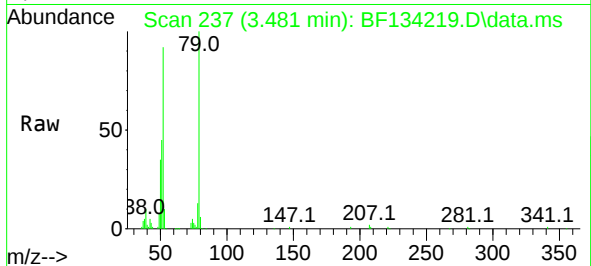
Tgt Ion: 88 Resp: 96774
Ion Ratio Lower Upper
88 100
58 87.0 68.8 103.2
43 36.6 30.7 46.1





#3
Pyridine
Concen: 31.356 ng
RT: 3.481 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :
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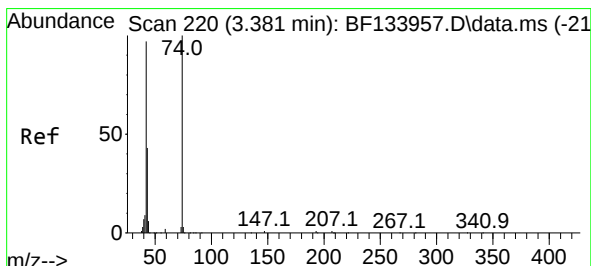
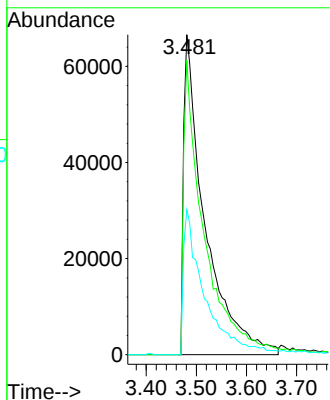
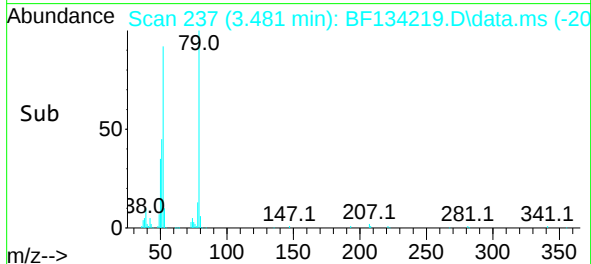


Tgt Ion: 79 Resp: 19572
Ion Ratio Lower Upper
79 100
52 92.0 71.1 106.7
51 45.4 35.2 52.8

Manual Integrations
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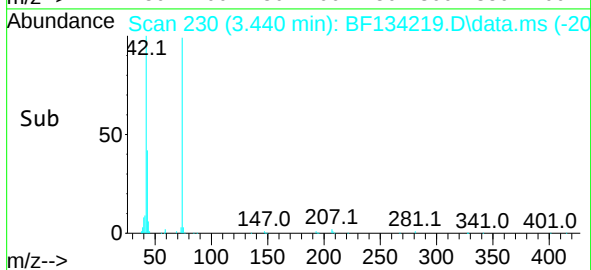
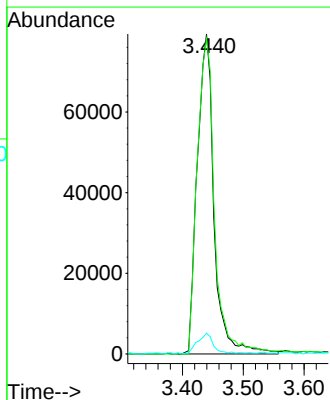
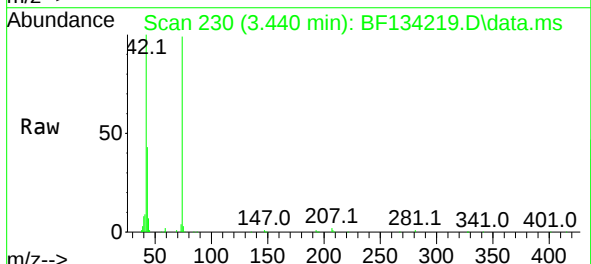
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Supervised By :mohammad ahmed 07/12/2023

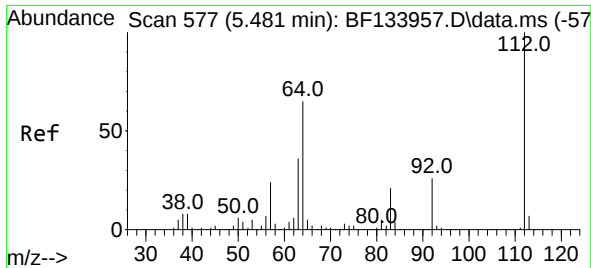
Supervised By :mohammad
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07/12/2023



#4
n-Nitrosodimethylamine
Concen: 42.513 ng
RT: 3.440 min Scan# 230
Delta R.T. 0.076 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

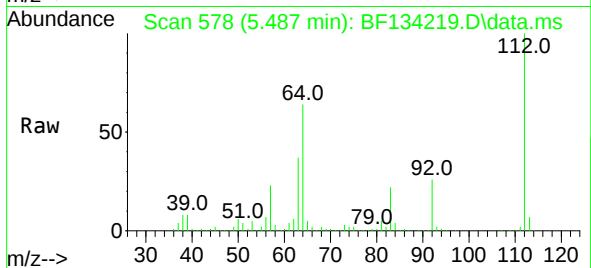
Tgt Ion: 42 Resp: 151564
Ion Ratio Lower Upper
42 100
74 98.7 82.4 123.6
44 6.5 4.9 7.3





#5
2-Fluorophenol
Concen: 116.719 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :
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ClientSampleId :
PB154060BS

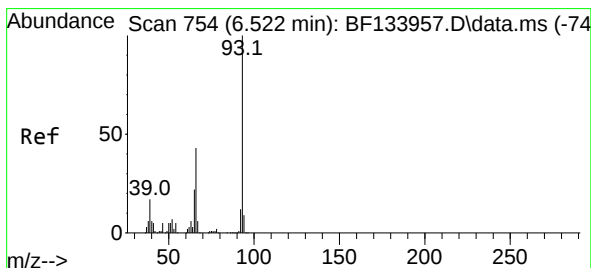
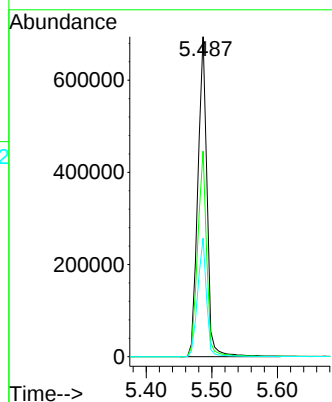


Tgt Ion:112 Resp: 678360
Ion Ratio Lower Upper
112 100
64 64.2 52.1 78.1
63 37.1 28.6 42.8

Manual Integrations
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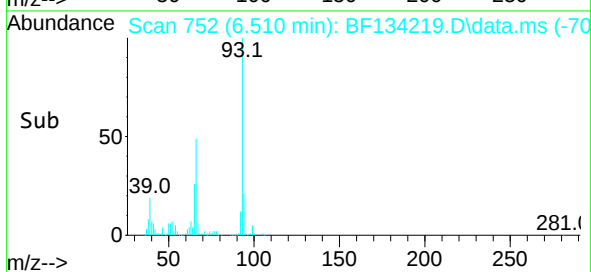
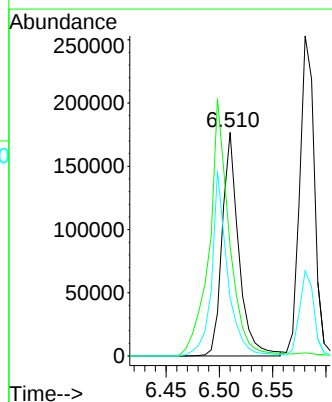
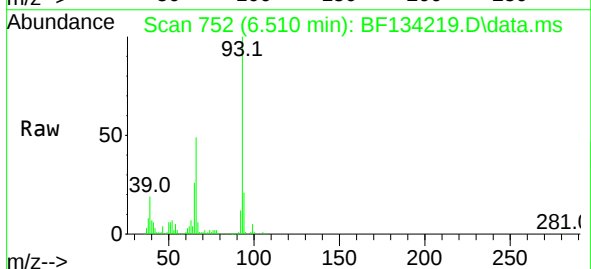
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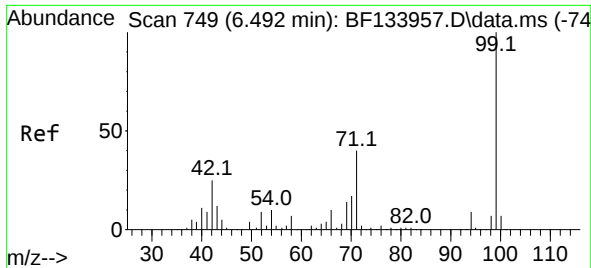
Supervised By :mohammad
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#6
Aniline
Concen: 21.880 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

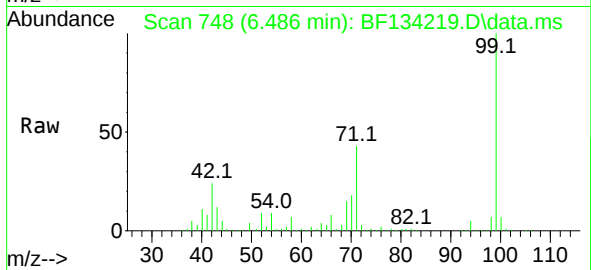
Tgt Ion: 93 Resp: 190303
Ion Ratio Lower Upper
93 100
66 49.0 34.5 51.7
65 25.8 17.8 26.6





#7
Phenol-d6
Concen: 113.214 ng
RT: 6.486 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :
BNA_F
ClientSampleId :
PB154060BS

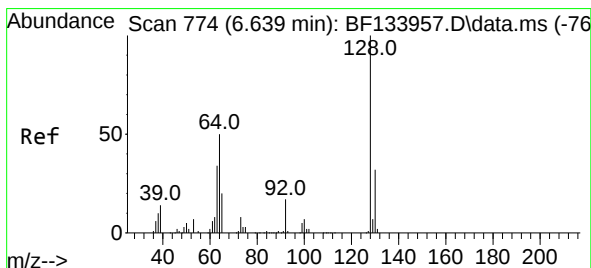
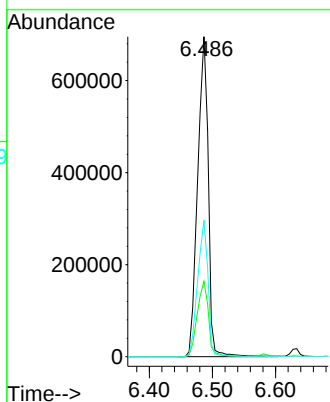
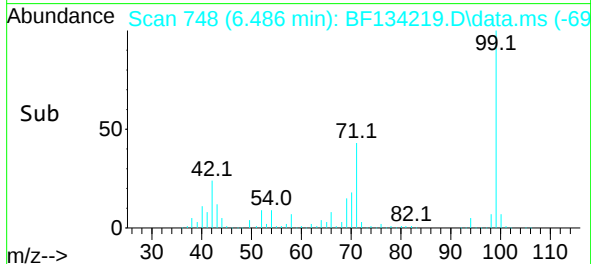


Tgt Ion: 99 Resp: 809190
Ion Ratio Lower Upper
99 100
42 23.5 19.8 29.6
71 42.6 31.9 47.9

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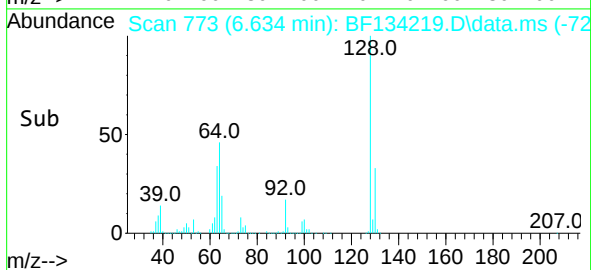
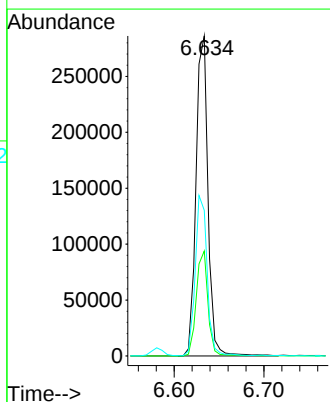
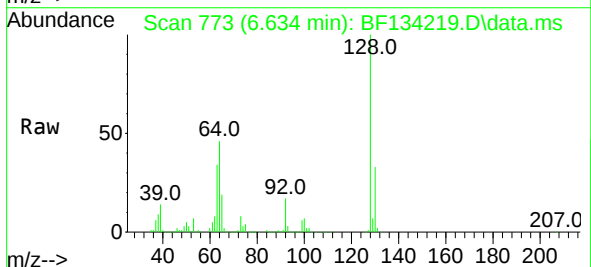
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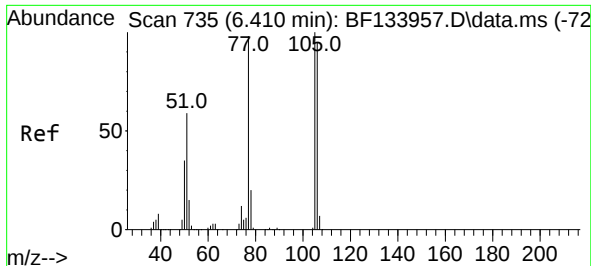
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#8
2-Chlorophenol
Concen: 45.018 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

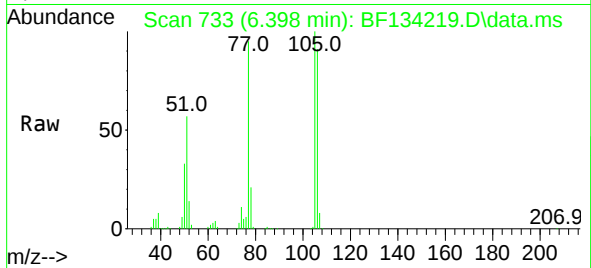
Tgt Ion:128 Resp: 265600
Ion Ratio Lower Upper
128 100
130 32.8 11.7 51.7
64 45.5 31.3 71.3





#9
Benzaldehyde
Concen: 21.067 ng
RT: 6.398 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :
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ClientSampleId :
PB154060BS

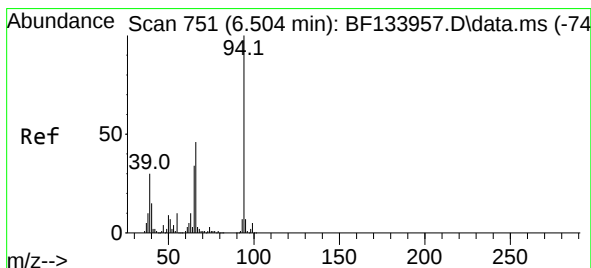
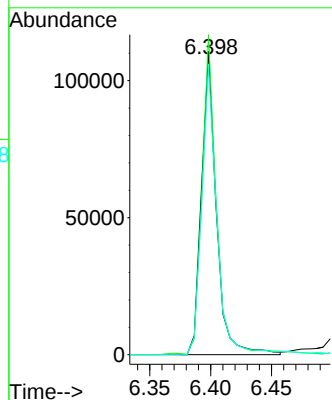


Tgt Ion: 77 Resp: 94260
Ion Ratio Lower Upper
77 100
105 105.5 82.0 122.0
106 95.8 76.9 116.9

Manual Integrations
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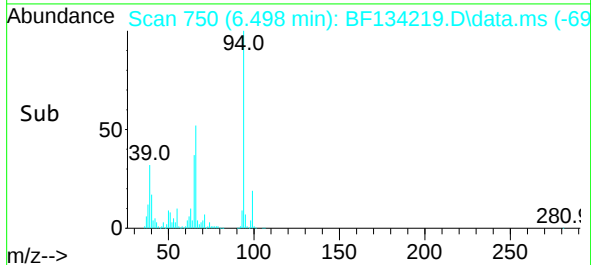
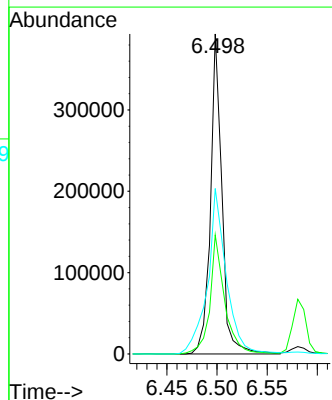
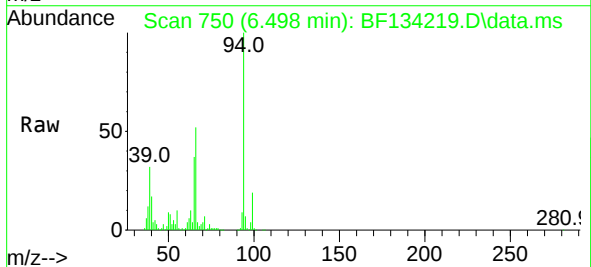
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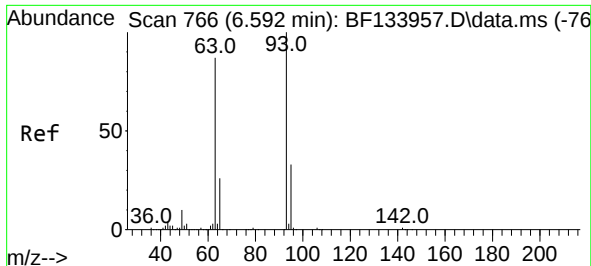
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07/12/2023



#10
Phenol
Concen: 41.681 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Tgt Ion: 94 Resp: 313233
Ion Ratio Lower Upper
94 100
65 37.2 14.2 54.2
66 51.7 26.4 66.4





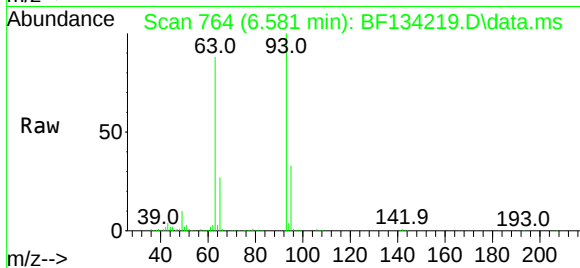
#11
bis(2-Chloroethyl)ether
Concen: 43.824 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

PB154060BS

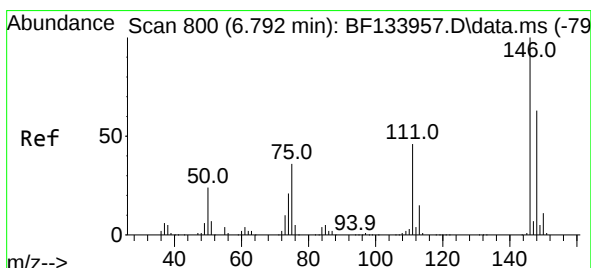
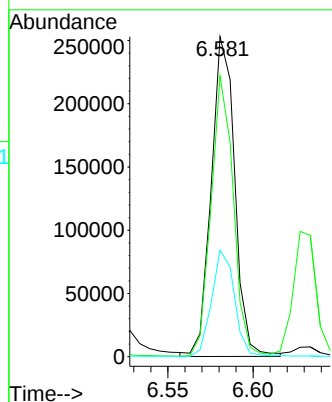
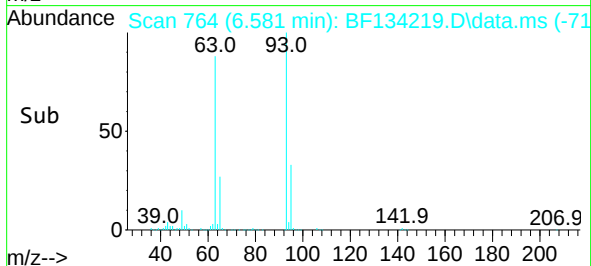


Tgt Ion: 93 Resp: 242468
Ion Ratio Lower Upper
93 100
63 87.7 66.5 106.5
95 33.3 12.9 52.9

Manual Integrations
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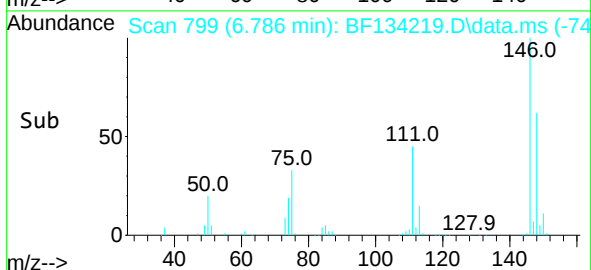
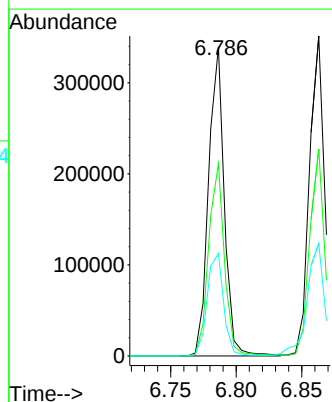
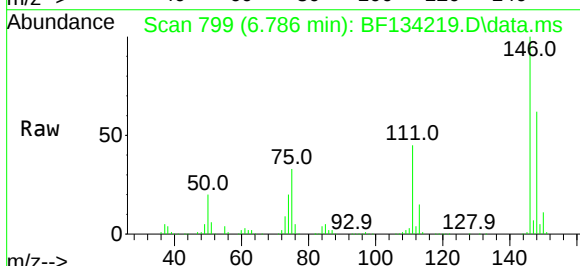
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

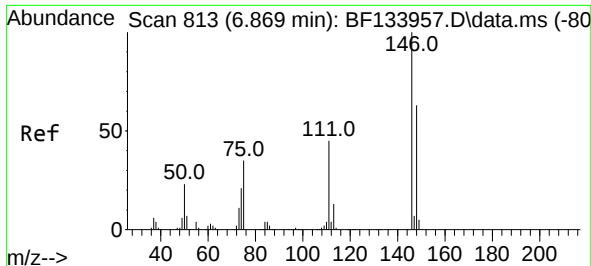
Supervised By :mohammad
ahmed
07/12/2023



#12
1,3-Dichlorobenzene
Concen: 45.119 ng
RT: 6.786 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Tgt Ion:146 Resp: 283793
Ion Ratio Lower Upper
146 100
148 62.2 50.5 75.7
75 33.1 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 46.056 ng

RT: 6.863 min Scan# 813

Delta R.T. -0.000 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

PB154060BS

Tgt Ion:146 Resp: 292598
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.2 75.2
 111 45.0 35.8 53.6

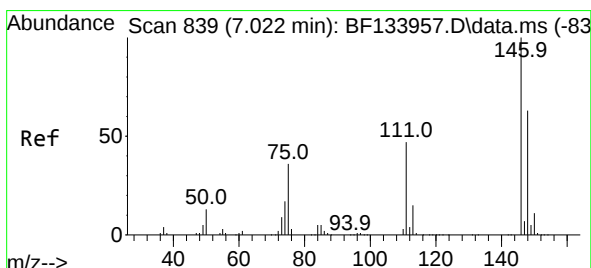
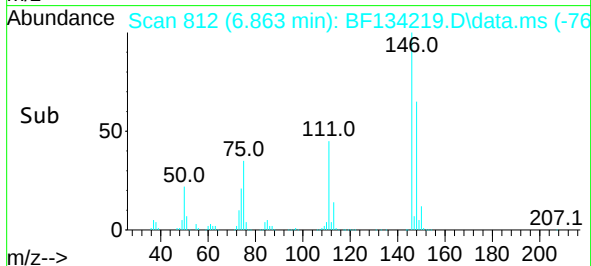
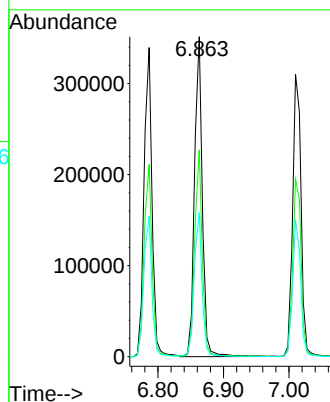
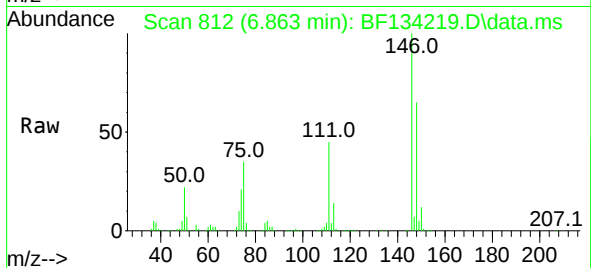
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023

Supervised By :mohammad
 ahmed
 07/12/2023



#14

1,2-Dichlorobenzene

Concen: 46.494 ng

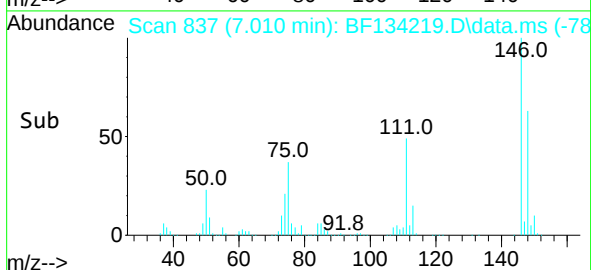
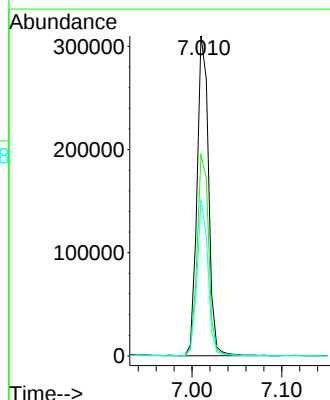
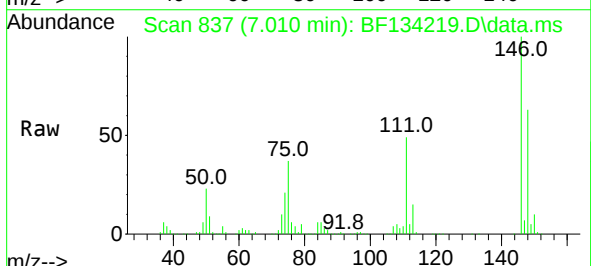
RT: 7.010 min Scan# 837

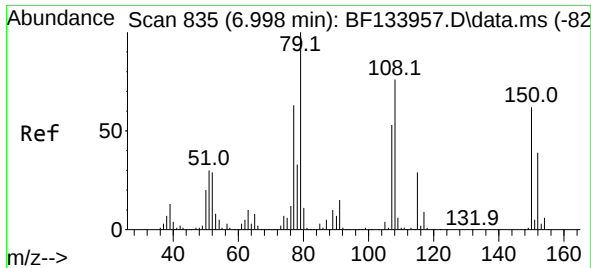
Delta R.T. -0.006 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

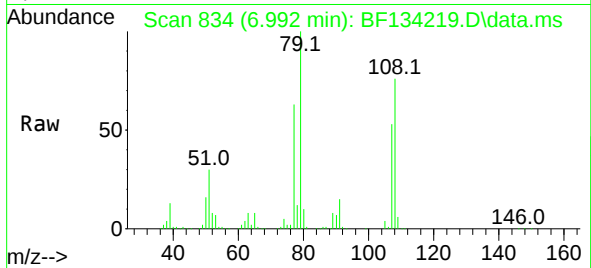
Tgt Ion:146 Resp: 276635
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.6 76.0
 111 48.5 38.0 57.0





#15
Benzyl Alcohol
Concen: 42.155 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :
BNA_F
ClientSampleId :
PB154060BS

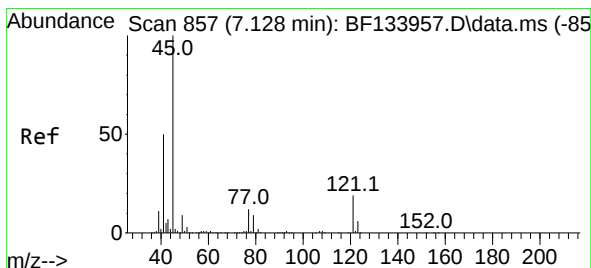
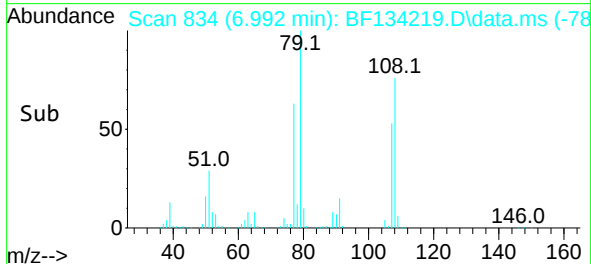
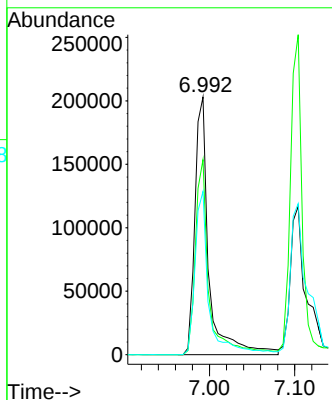


Tgt Ion: 79 Resp: 232279
Ion Ratio Lower Upper
79 100
108 75.7 60.7 91.1
77 63.4 50.6 75.8

Manual Integrations
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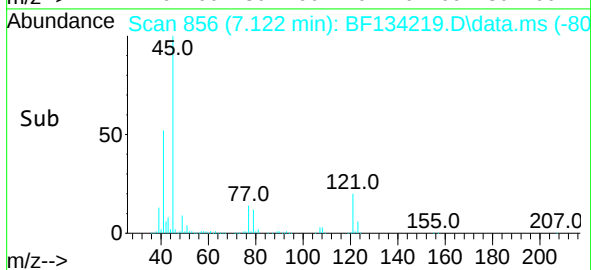
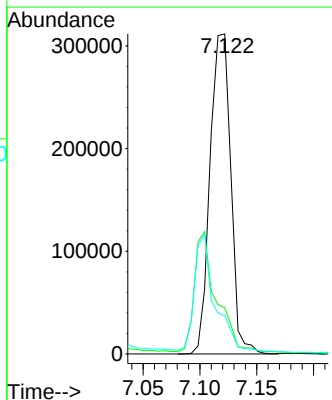
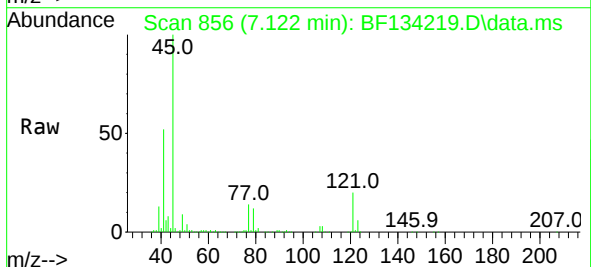
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

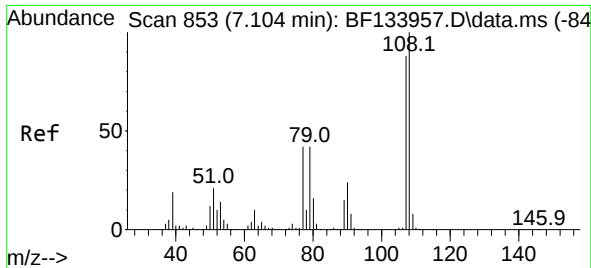
Supervised By :mohammad
ahmed
07/12/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.509 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

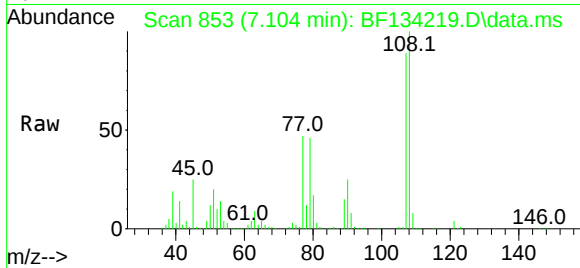
Tgt Ion: 45 Resp: 396510
Ion Ratio Lower Upper
45 100
77 14.4 0.0 32.9
79 12.0 0.0 29.5





#17
2-Methylphenol
Concen: 42.334 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :
BNA_F
ClientSampleId :
PB154060BS

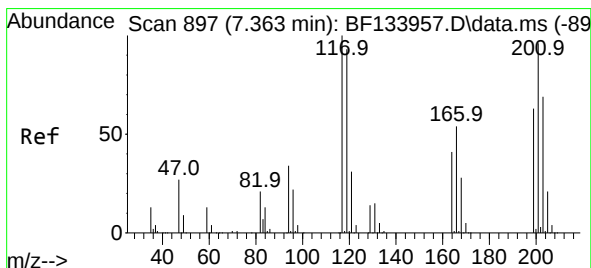
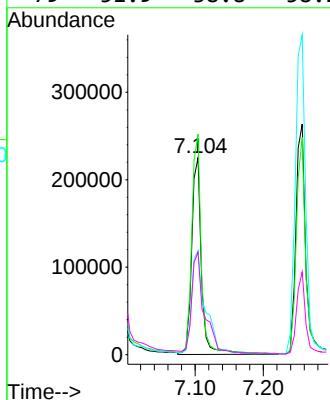
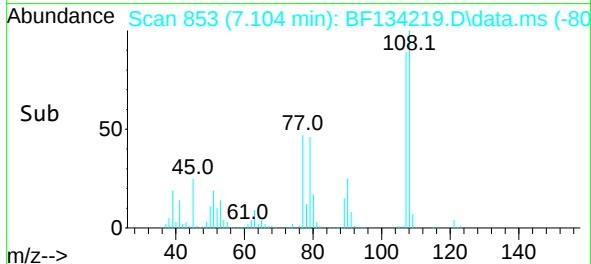


Tgt Ion:107 Resp: 223658
Ion Ratio Lower Upper
107 100
108 111.9 90.6 136.0
77 52.9 38.3 57.5
79 51.9 38.8 58.2

Manual Integrations
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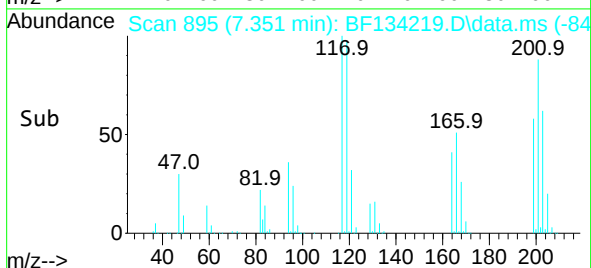
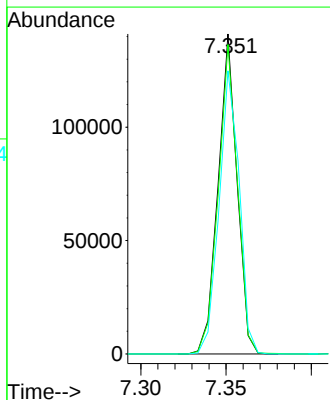
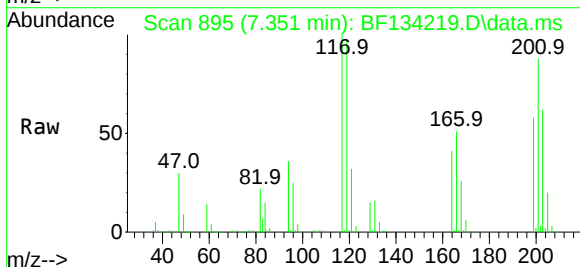
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

Supervised By :mohammad
ahmed
07/12/2023



#18
Hexachloroethane
Concen: 46.366 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

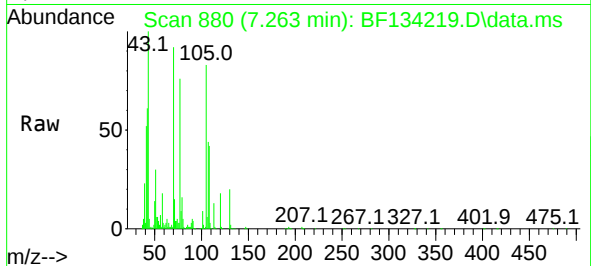
Tgt Ion:117 Resp: 109223
Ion Ratio Lower Upper
117 100
119 96.7 74.2 111.4
201 88.5 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 41.527 ng
RT: 7.263 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :
BNA_F
ClientSampleId :
PB154060BS

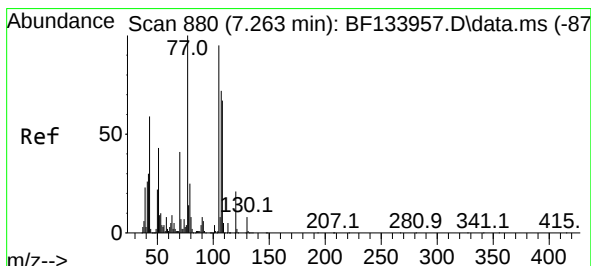
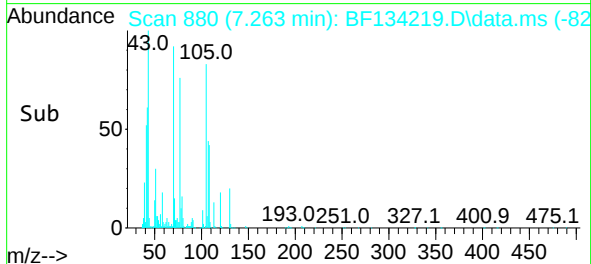
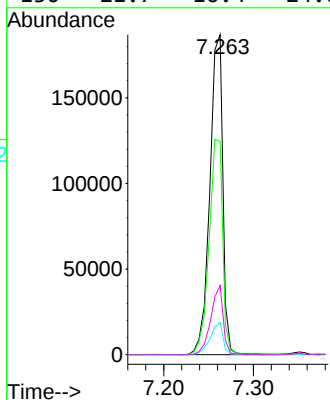


Tgt Ion: 70 Resp: 188229
Ion Ratio Lower Upper
70 100
42 66.7 54.7 82.1
101 10.0 7.7 11.5
130 21.7 16.4 24.6

Manual Integrations
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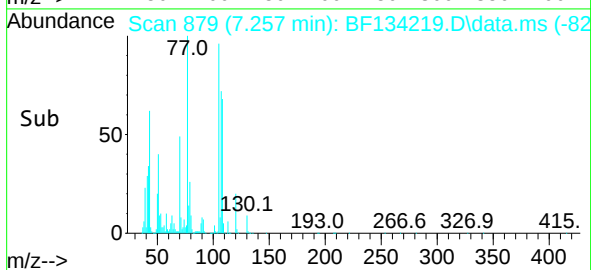
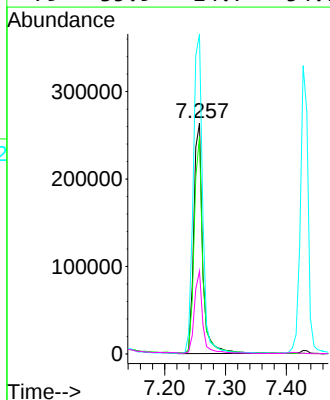
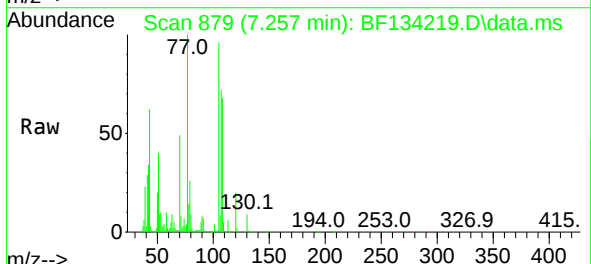
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

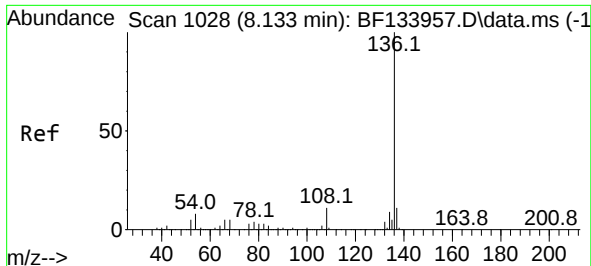
Supervised By :mohammad
ahmed
07/12/2023



#20
3+4-Methylphenols
Concen: 41.517 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Tgt Ion:107 Resp: 266094
Ion Ratio Lower Upper
107 100
108 94.2 73.2 113.2
77 138.7 118.3 158.3
79 35.9 14.7 54.7





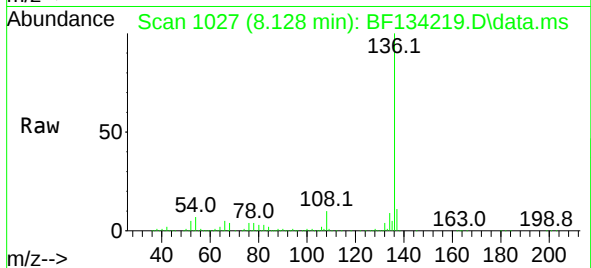
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

PB154060BS



Tgt Ion:136 Resp: 382030
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.4 6.5 9.7
68 4.4 4.2 6.2

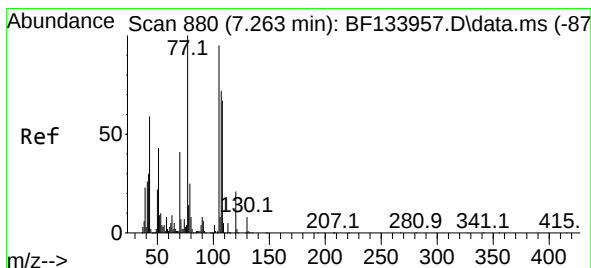
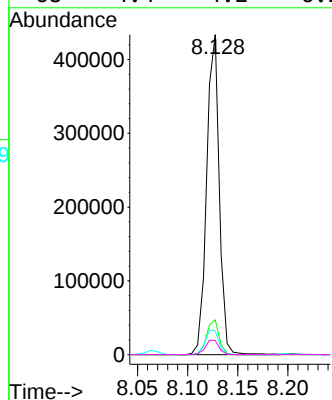
Manual Integrations

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Reviewed By :Yogesh Patel 07/12/2023

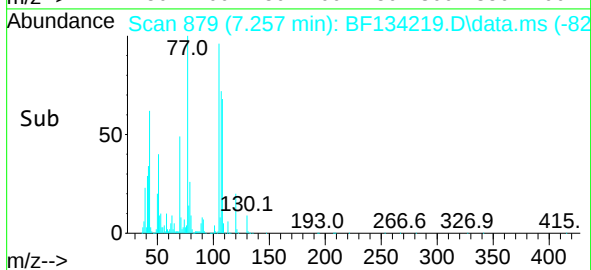
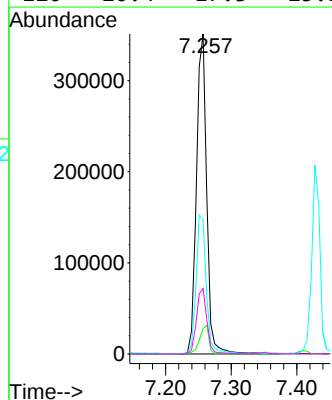
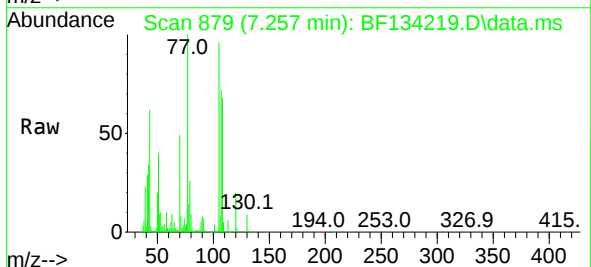
Supervised By :mohammad ahmed 07/12/2023

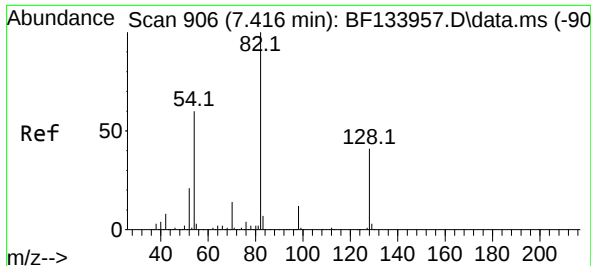
Supervised By :mohammad
ahmed
07/12/2023



#22
Acetophenone
Concen: 43.996 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Tgt Ion:105 Resp: 382257
Ion Ratio Lower Upper
105 100
71 7.9 5.5 8.3
51 41.9 36.5 54.7
120 20.4 17.3 25.9





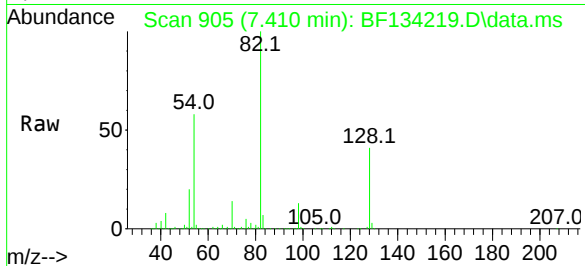
#23
Nitrobenzene-d5
Concen: 78.177 ng
RT: 7.410 min Scan# 906
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

PB154060BS

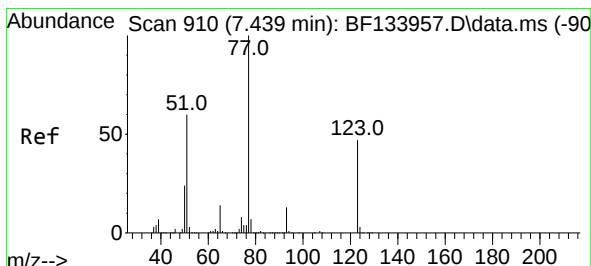
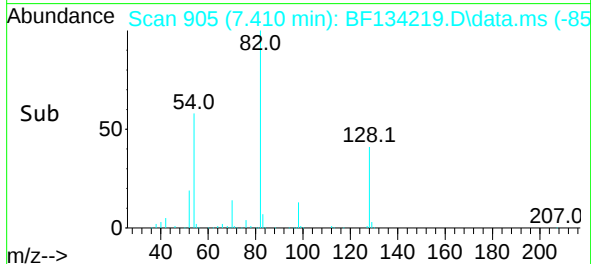
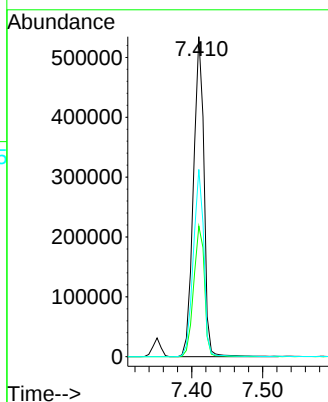


Tgt Ion: 82 Resp: 554052
Ion Ratio Lower Upper
82 100
128 40.8 32.5 48.7
54 58.5 48.2 72.2

Manual Integrations
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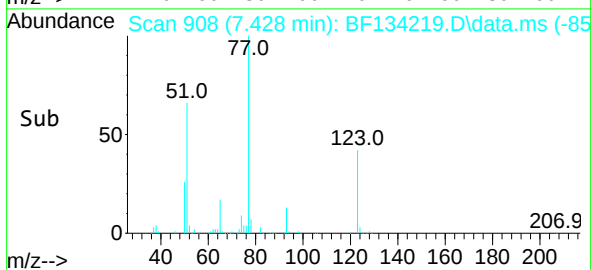
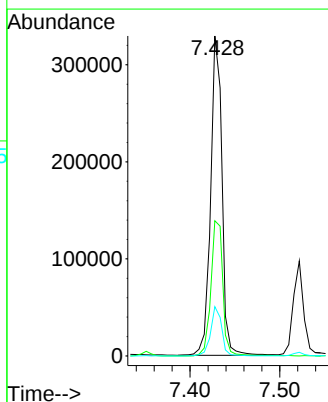
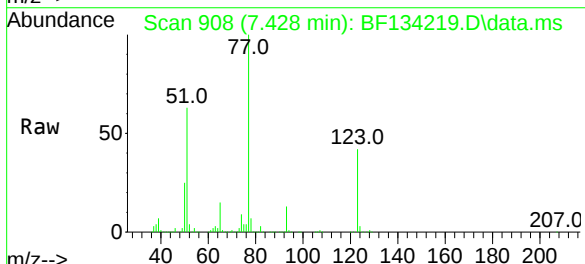
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

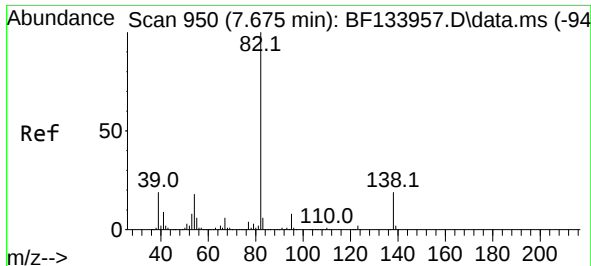
Supervised By :mohammad
ahmed
07/12/2023



#24
Nitrobenzene
Concen: 40.420 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

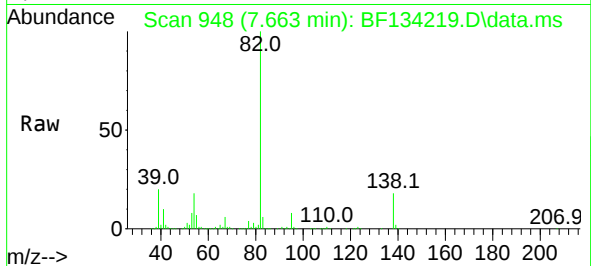
Tgt Ion: 77 Resp: 289481
Ion Ratio Lower Upper
77 100
123 42.2 37.8 56.6
65 15.4 11.3 16.9





#25
Isophorone
Concen: 39.969 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :
BNA_F
ClientSampleId :
PB154060BS

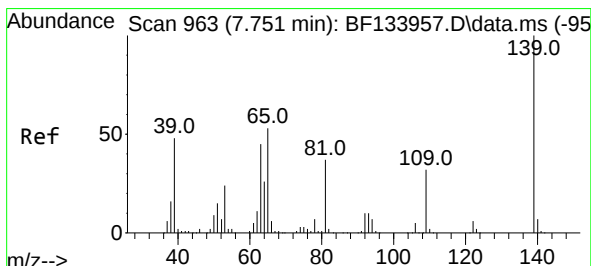
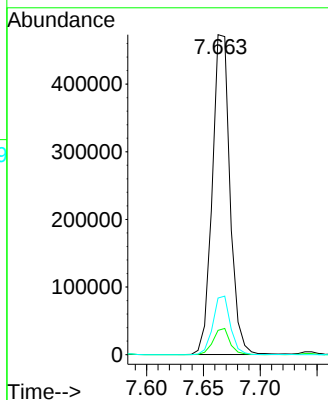


Tgt Ion: 82 Resp: 51481
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 17.7 15.2 22.8

Manual Integrations
APPROVED

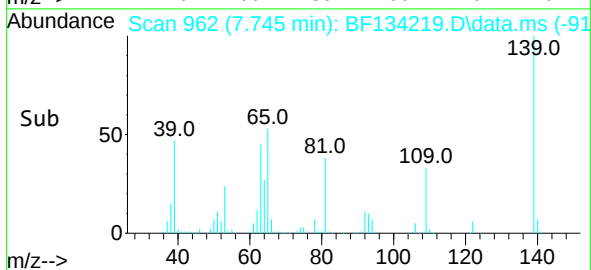
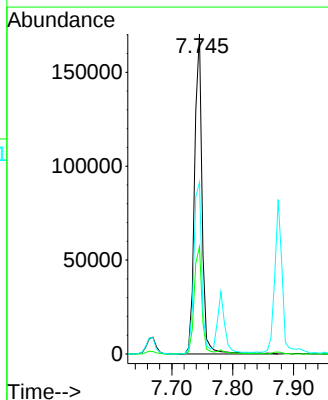
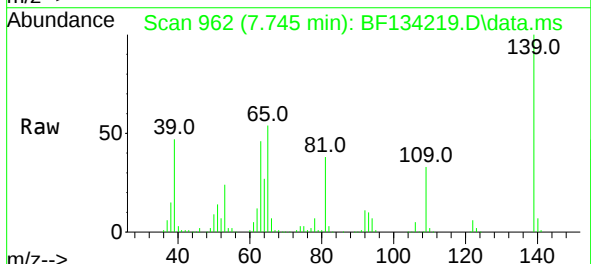
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

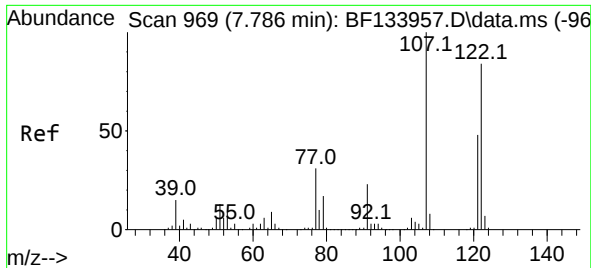
Supervised By :mohammad
ahmed
07/12/2023



#26
2-Nitrophenol
Concen: 42.620 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Tgt Ion:139 Resp: 146425
Ion Ratio Lower Upper
139 100
109 33.5 25.8 38.8
65 53.7 42.4 63.6





#27
2,4-Dimethylphenol
Concen: 42.613 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

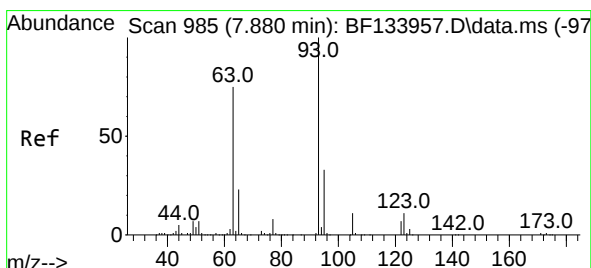
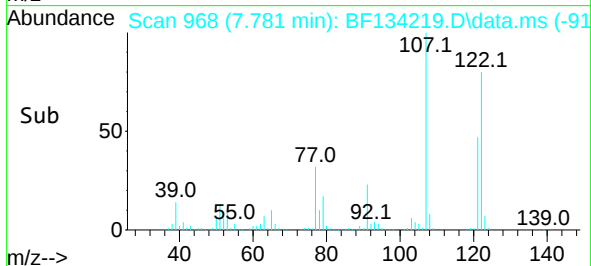
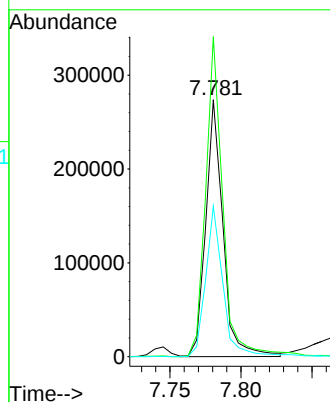
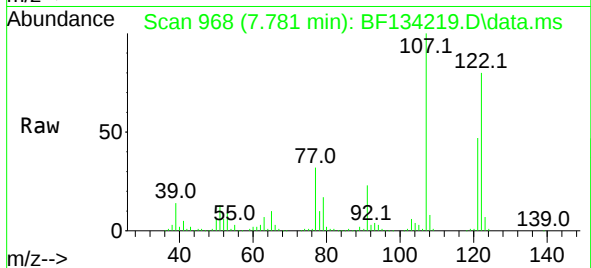
PB154060BS

Tgt Ion:122 Resp: 23174
Ion Ratio Lower Upper
122 100
107 124.5 95.5 143.3
121 58.5 45.5 68.3

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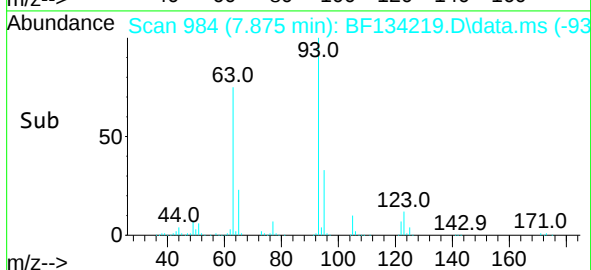
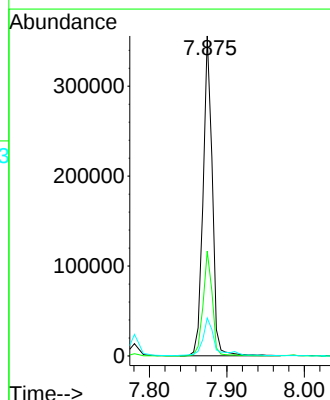
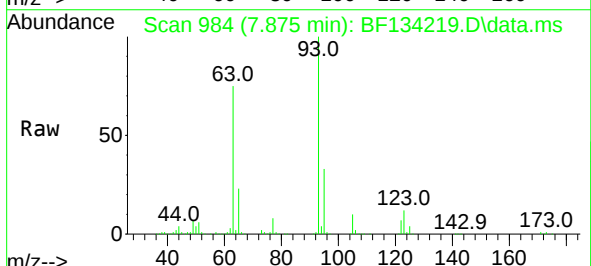
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

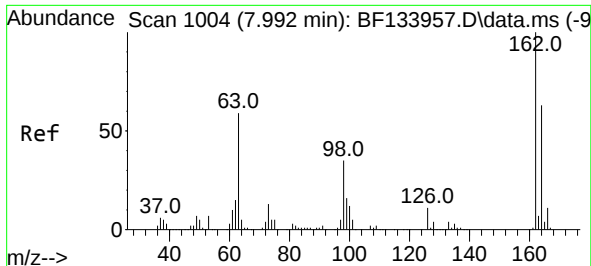
Supervised By :mohammad
ahmed
07/12/2023



#28
bis(2-Chloroethoxy)methane
Concen: 39.415 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Tgt Ion: 93 Resp: 293963
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 11.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.404 ng

RT: 7.986 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF134219.D

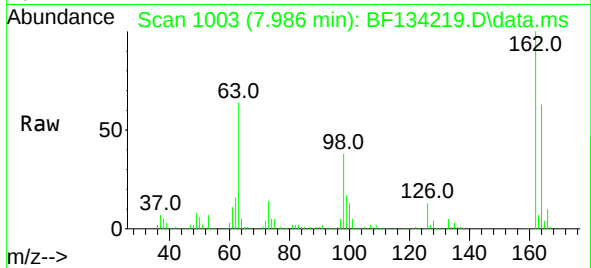
Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

PB154060BS



Tgt Ion:162 Resp: 223279

Ion	Ratio	Lower	Upper
162	100		
164	62.9	43.2	83.2
98	37.5	14.9	54.9

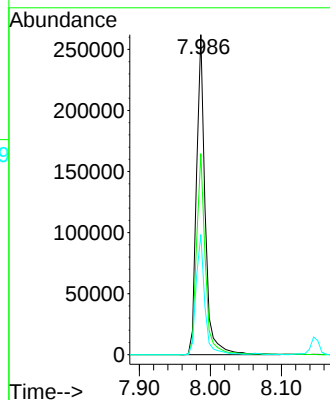
Manual Integrations

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Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023

Supervised By :mohammad
ahmed
07/12/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.614 ng

RT: 8.069 min Scan# 1017

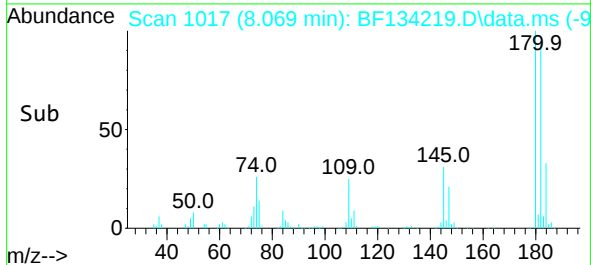
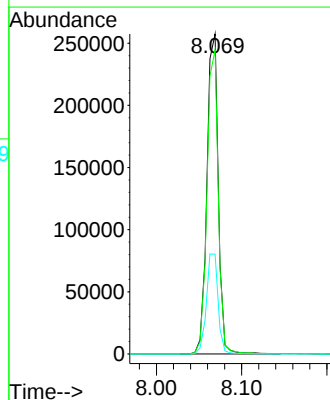
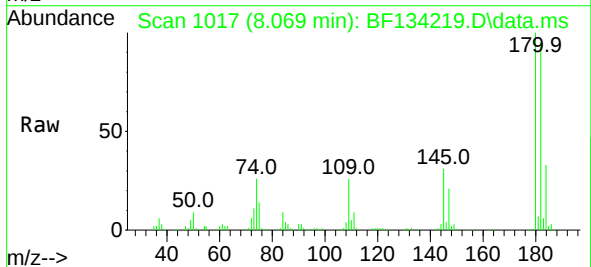
Delta R.T. -0.000 min

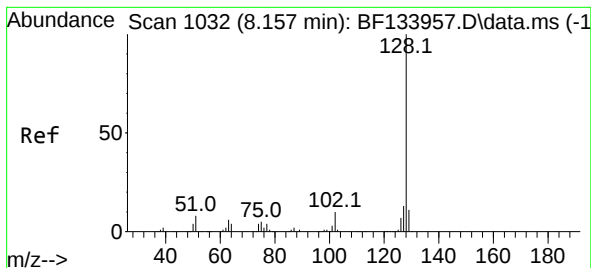
Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

Tgt Ion:180 Resp: 237124

Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.1	115.7
145	31.2	26.0	39.0





#31

Naphthalene

Concen: 40.336 ng

RT: 8.145 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

PB154060BS

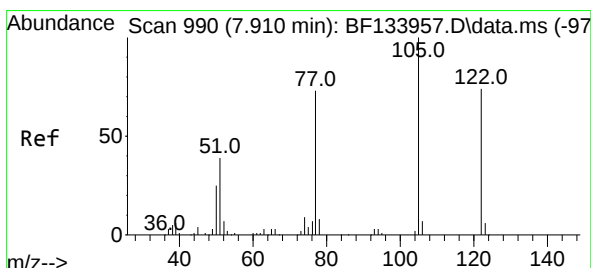
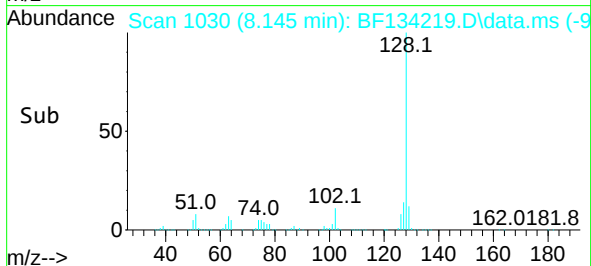
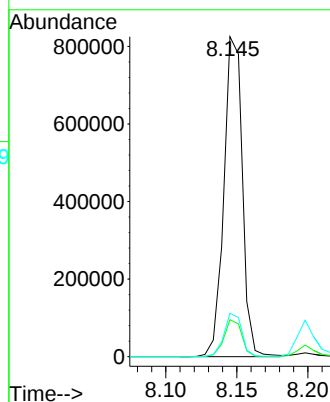
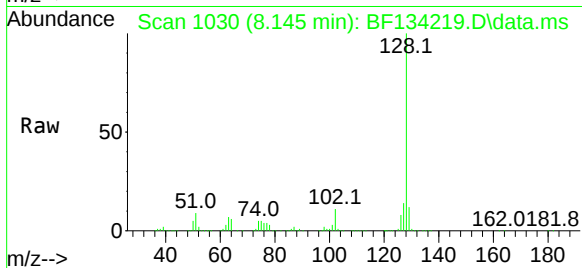
Tgt Ion:128 Resp: 744340
 Ion Ratio Lower Upper
 128 100
 129 11.6 8.7 13.1
 127 13.6 10.6 15.8

Manual Integrations

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Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

Supervised By :mohammad
 ahmed
 07/12/2023



#32

Benzoic acid

Concen: 40.869 ng

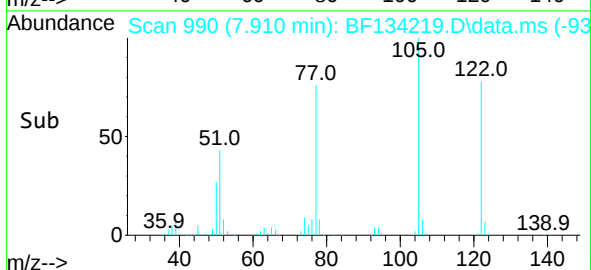
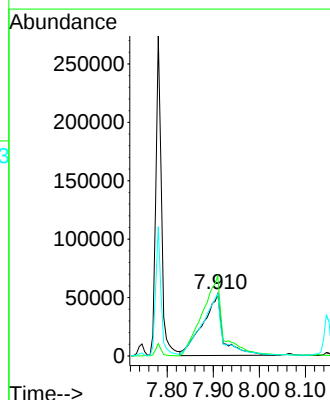
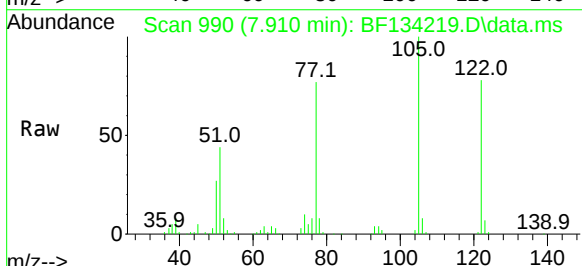
RT: 7.910 min Scan# 990

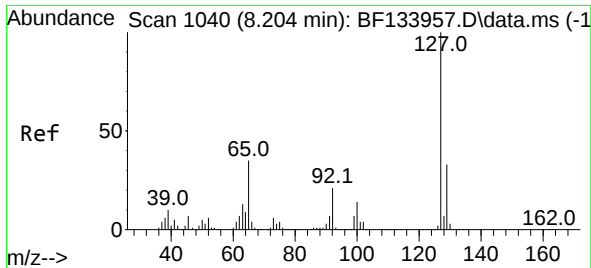
Delta R.T. 0.018 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

Tgt Ion:122 Resp: 166546
 Ion Ratio Lower Upper
 122 100
 105 128.7 109.7 149.7
 77 99.7 76.0 116.0





#33
4-Chloroaniline
Concen: 11.558 ng
RT: 8.198 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

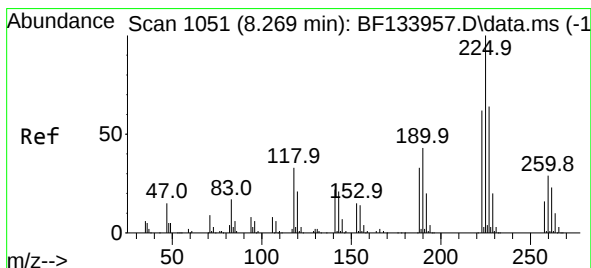
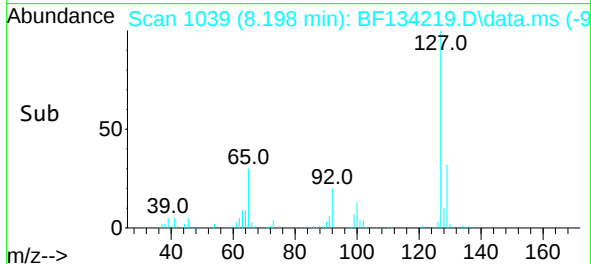
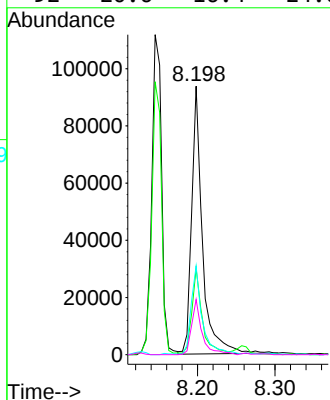
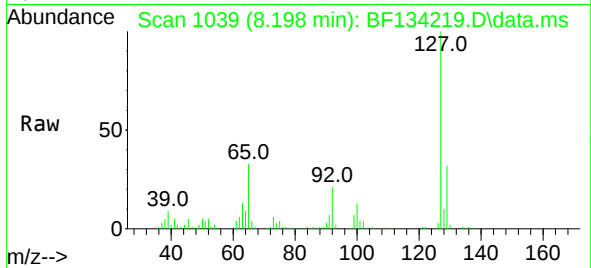
PB154060BS

Tgt Ion:127 Resp: 91238
Ion Ratio Lower Upper
127 100
129 32.1 26.4 39.6
65 33.0 27.8 41.8
92 20.6 16.4 24.6

Manual Integrations
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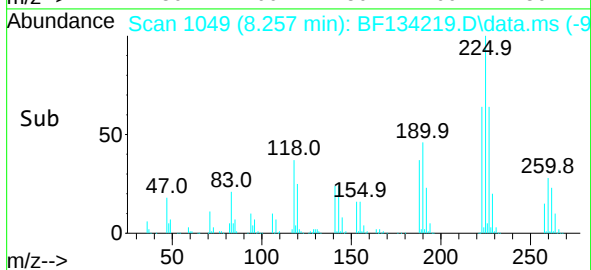
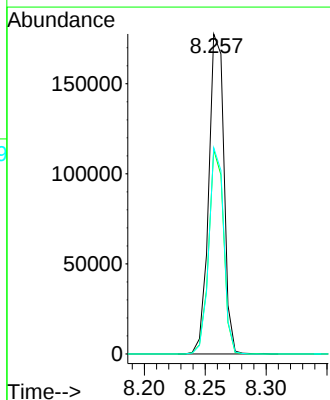
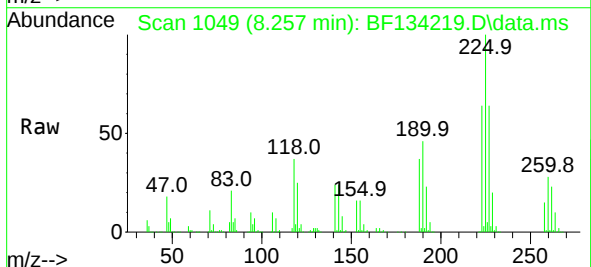
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

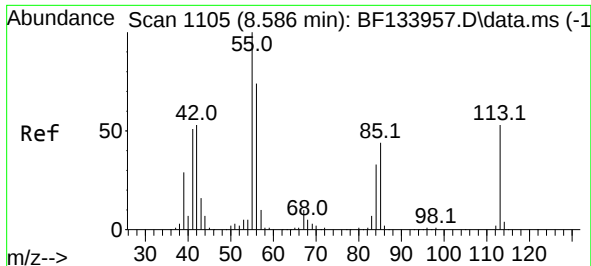
Supervised By :mohammad
ahmed
07/12/2023



#34
Hexachlorobutadiene
Concen: 44.090 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Tgt Ion:225 Resp: 154760
Ion Ratio Lower Upper
225 100
223 63.8 49.8 74.8
227 64.4 51.0 76.4





#35
Caprolactam
Concen: 42.187 ng m
RT: 8.575 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

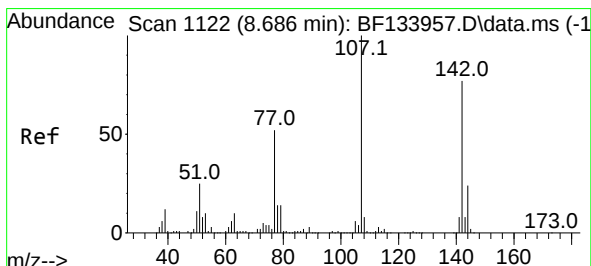
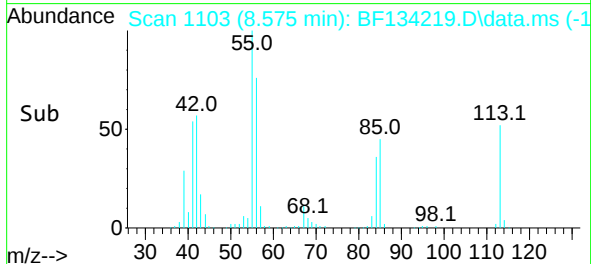
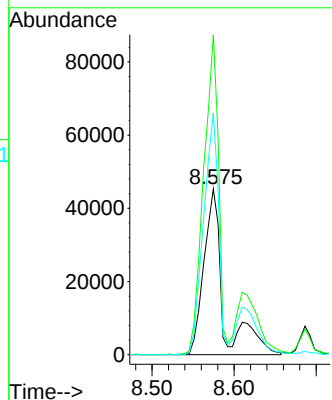
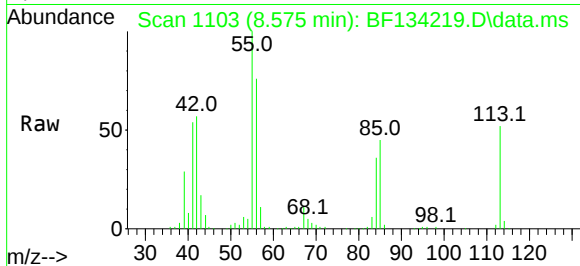
PB154060BS

Tgt Ion:113 Resp: 74905
Ion Ratio Lower Upper
113 100
55 193.1 170.2 210.2
56 145.9 121.4 161.4

Manual Integrations
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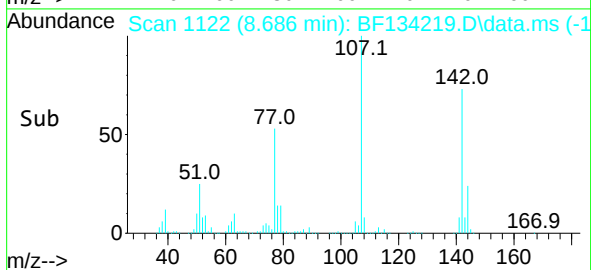
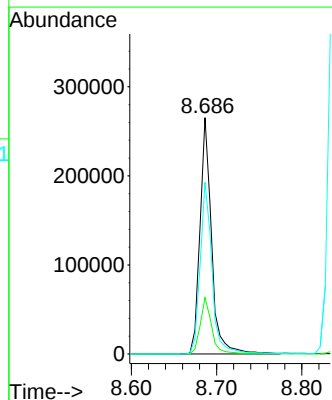
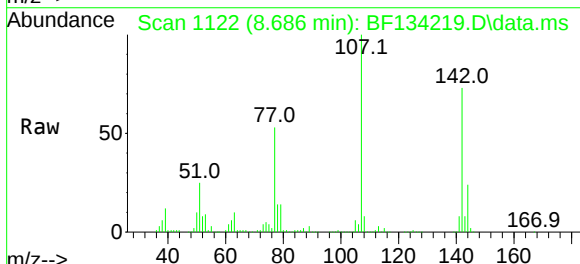
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

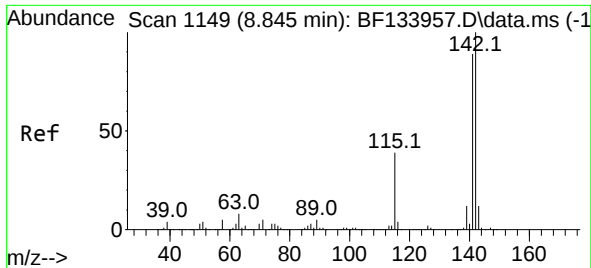
Supervised By :mohammad
ahmed
07/12/2023



#36
4-Chloro-3-methylphenol
Concen: 41.519 ng
RT: 8.686 min Scan# 1122
Delta R.T. 0.006 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Tgt Ion:107 Resp: 251527
Ion Ratio Lower Upper
107 100
144 23.8 19.6 29.4
142 72.7 61.4 92.2





#37
2-Methylnaphthalene
Concen: 38.412 ng
RT: 8.839 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

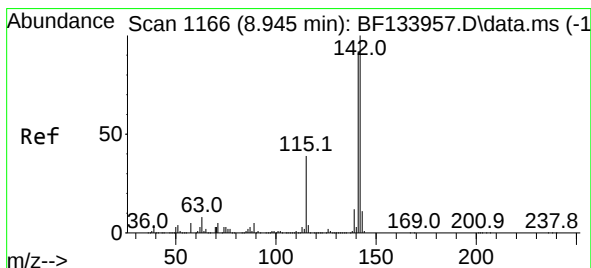
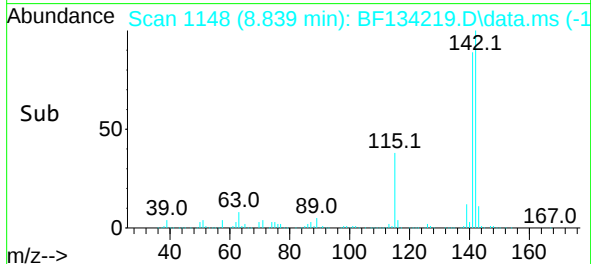
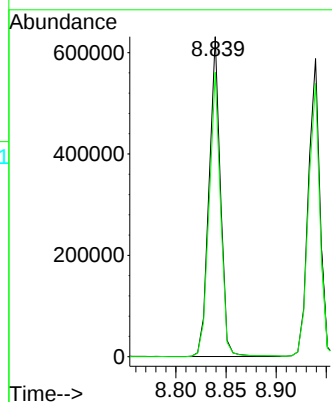
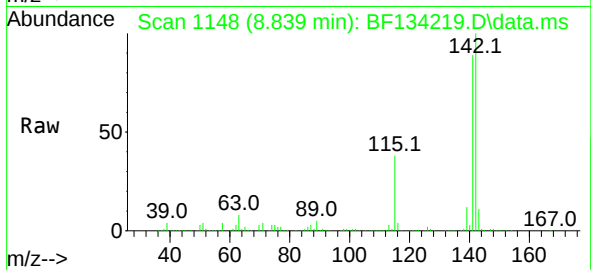
PB154060BS

Tgt Ion:142 Resp: 501260
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.4

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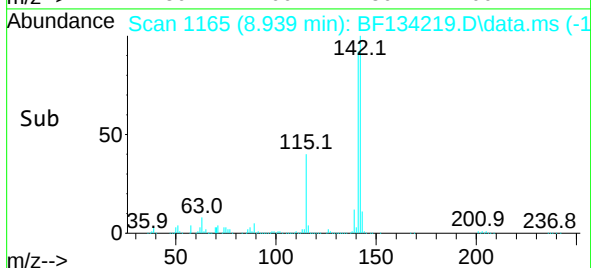
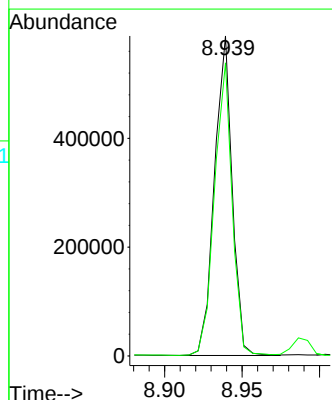
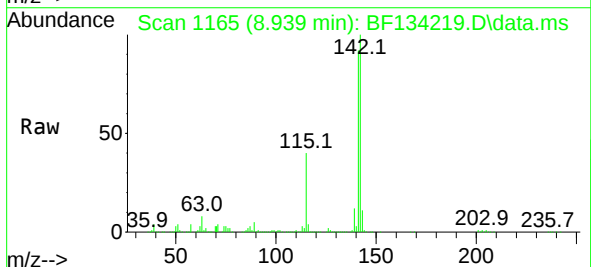
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

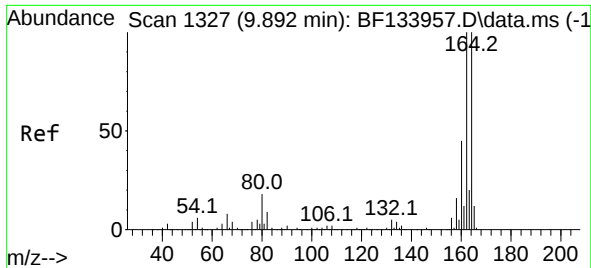
Supervised By :mohammad
ahmed
07/12/2023



#38
1-Methylnaphthalene
Concen: 38.541 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

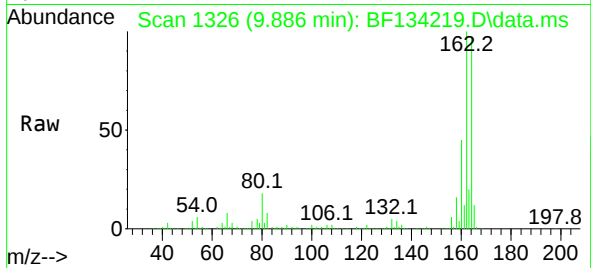
Tgt Ion:142 Resp: 467560
Ion Ratio Lower Upper
142 100
141 91.6 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :
BNA_F
ClientSampleId :
PB154060BS

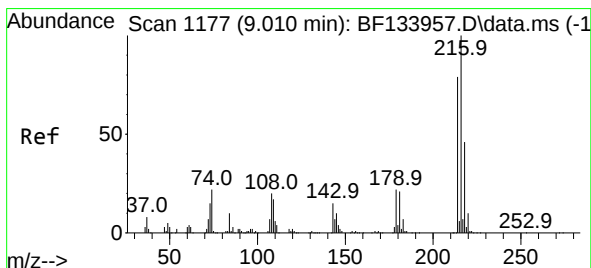
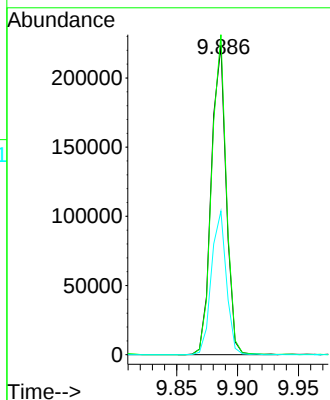
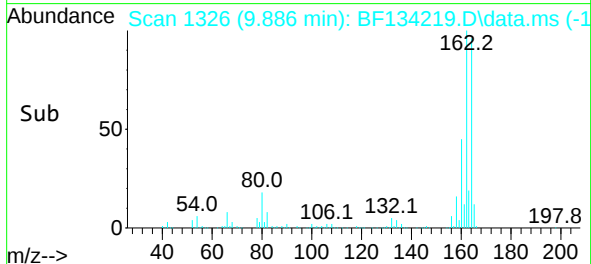


Tgt Ion:164 Resp: 190311
Ion Ratio Lower Upper
164 100
162 103.5 80.0 120.0
160 46.4 35.9 53.9

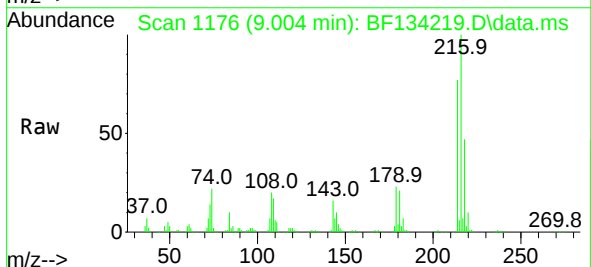
Manual Integrations
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Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

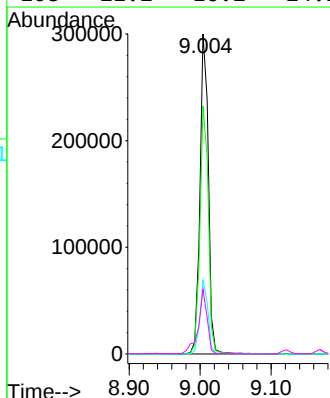
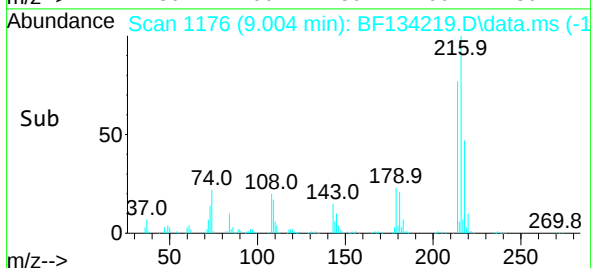
Supervised By :mohammad
ahmed
07/12/2023

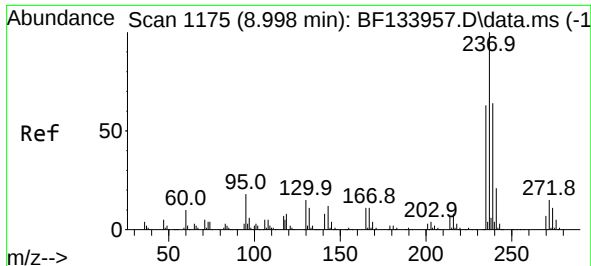


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.720 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32



Tgt Ion:216 Resp: 246508
Ion Ratio Lower Upper
216 100
214 77.8 64.1 96.1
179 21.9 17.3 25.9
108 21.2 16.2 24.2





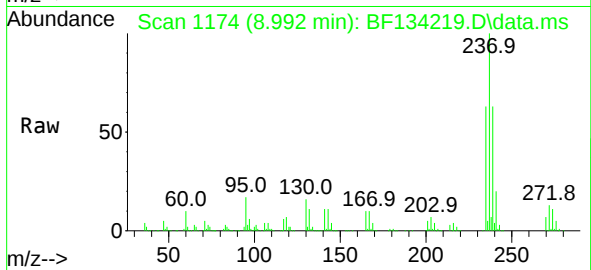
#41
Hexachlorocyclopentadiene
Concen: 83.481 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

PB154060BS



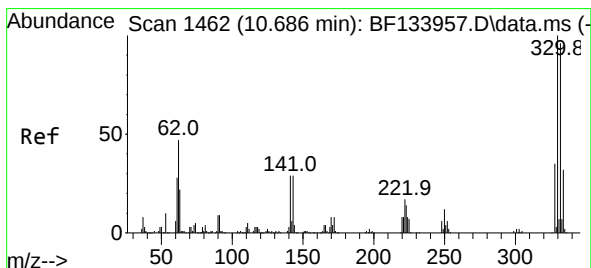
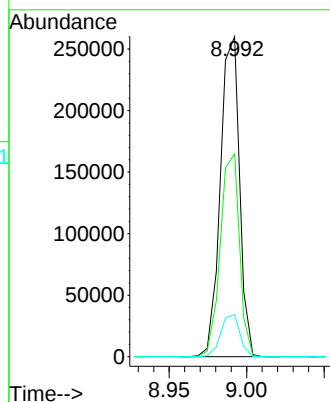
Tgt Ion:237 Resp: 223305
Ion Ratio Lower Upper
237 100
235 63.4 42.8 82.8
272 13.2 0.0 34.6

Manual Integrations

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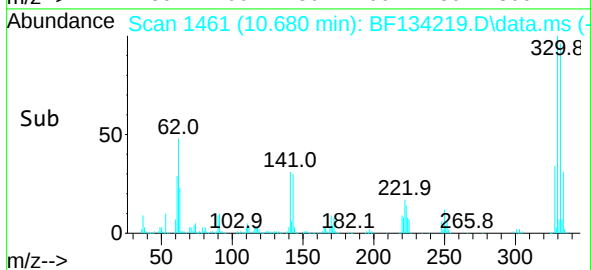
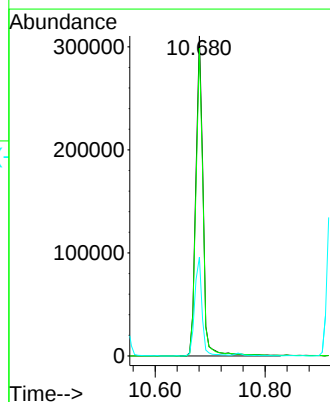
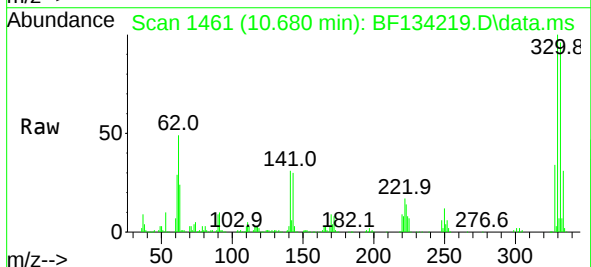
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

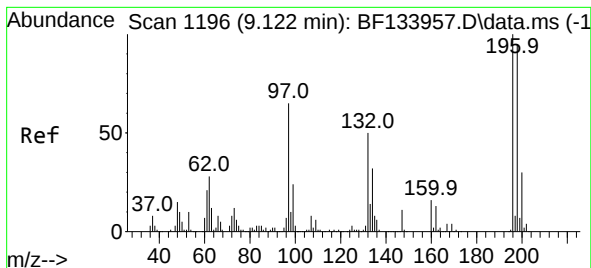
Supervised By :mohammad
ahmed
07/12/2023



#42
2,4,6-Tribromophenol
Concen: 118.076 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Tgt Ion:330 Resp: 281747
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.6
141 31.1 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 40.656 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF134219.D

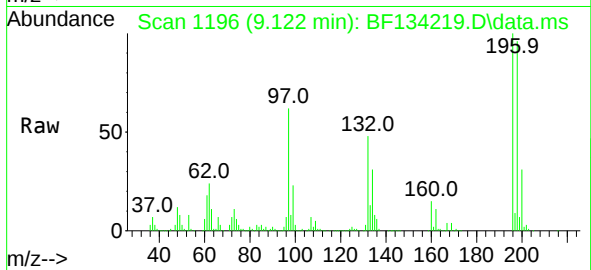
Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

PB154060BS



Tgt Ion:196	Resp:	15604
Ion Ratio	Lower	Upper
196	100	
198	96.1	75.6 113.4
200	31.0	24.4 36.6

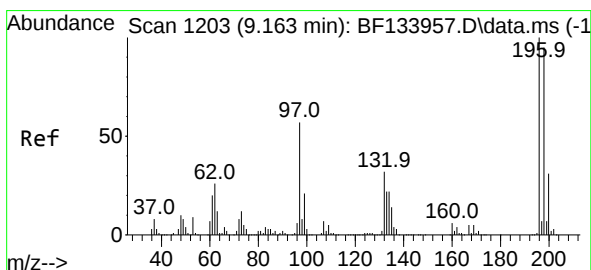
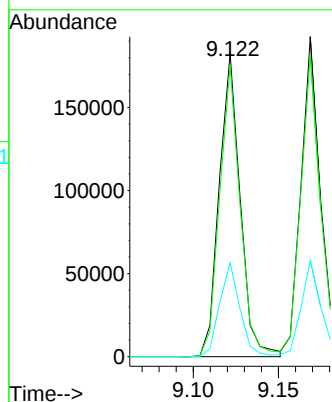
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023

Supervised By :mohammad
ahmed
07/12/2023



#44

2,4,5-Trichlorophenol

Concen: 37.756 ng

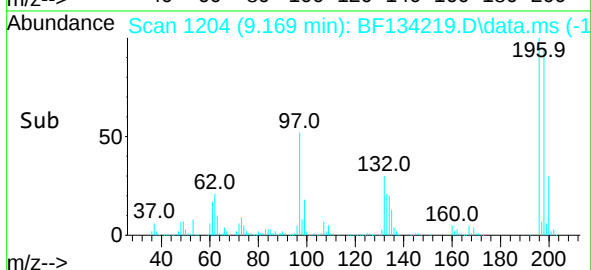
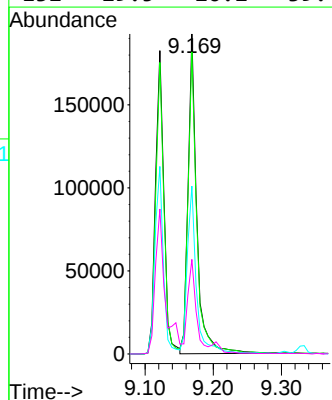
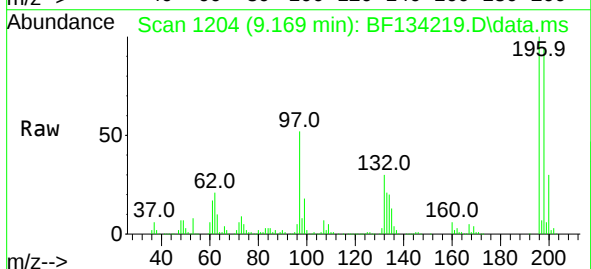
RT: 9.169 min Scan# 1204

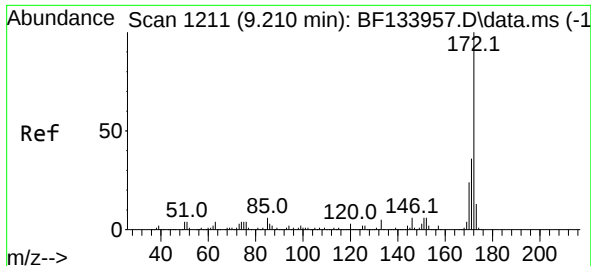
Delta R.T. 0.006 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

Tgt Ion:196	Resp:	170462
Ion Ratio	Lower	Upper
196	100	
198	94.4	75.7 113.5
97	52.5	45.8 68.6
132	29.5	26.2 39.4





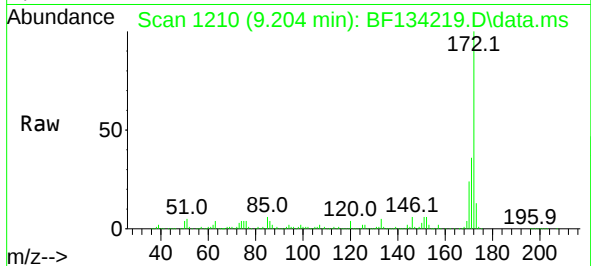
#45
2-Fluorobiphenyl
Concen: 78.106 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

PB154060BS



Tgt Ion:172 Resp: 1022405
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.9 19.4 29.0

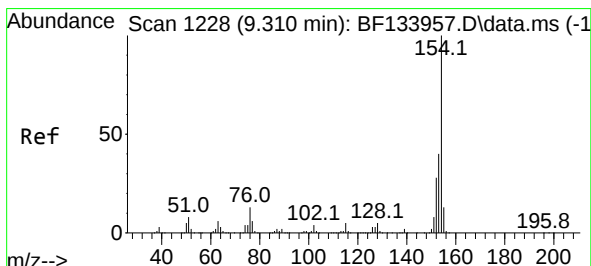
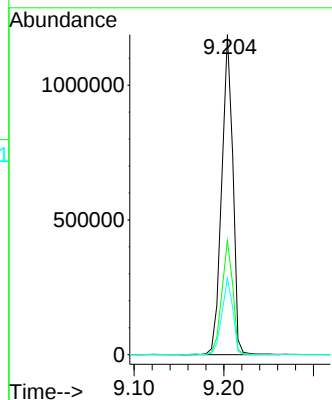
Manual Integrations

APPROVED

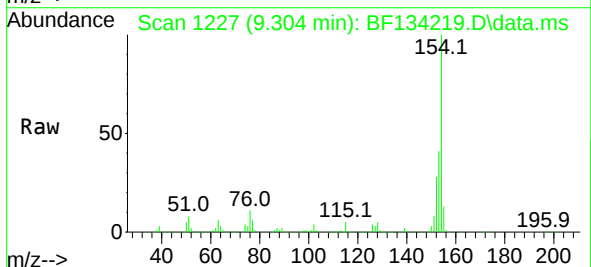
Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023

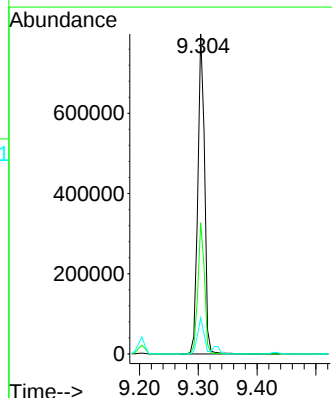
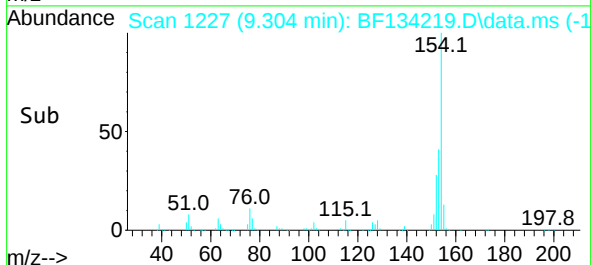
Supervised By :mohammad
ahmed
07/12/2023

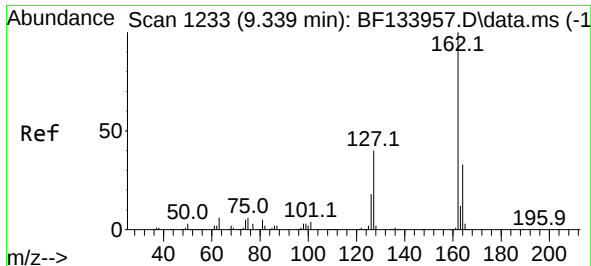


#46
1,1'-Biphenyl
Concen: 41.904 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32



Tgt Ion:154 Resp: 639722
Ion Ratio Lower Upper
154 100
153 41.0 19.8 59.8
76 11.3 0.0 32.9





#47

2-Chloronaphthalene

Concen: 42.280 ng

RT: 9.333 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF134219.D

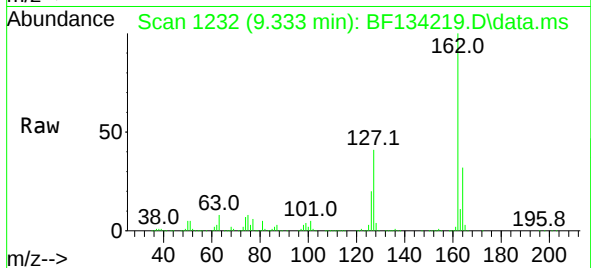
Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

PB154060BS



Tgt Ion:162 Resp: 47225

Ion Ratio Lower Upper

162 100

127 41.1 32.9 49.3

164 31.8 26.1 39.1

Manual Integrations

APPROVED

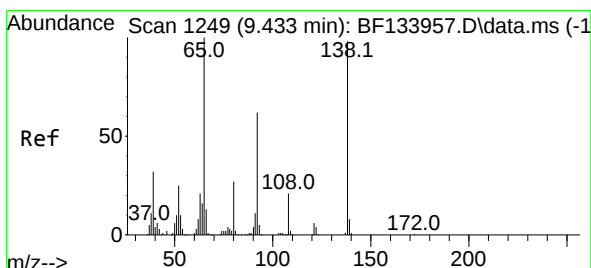
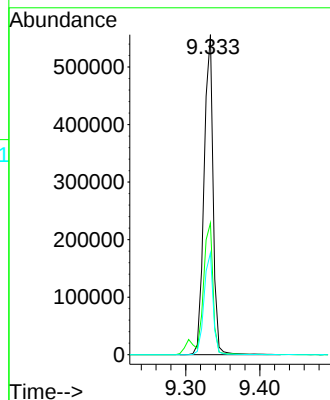
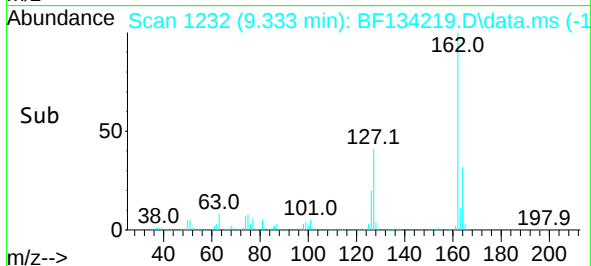
Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023

Supervised By :mohammad

ahmed

07/12/2023



#48

2-Nitroaniline

Concen: 41.353 ng

RT: 9.433 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

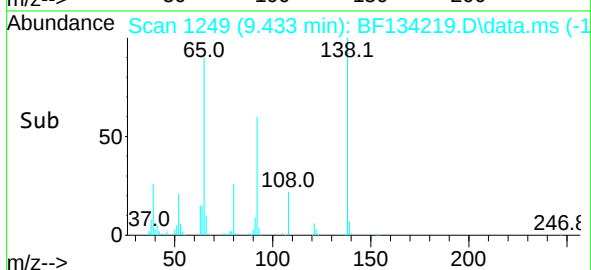
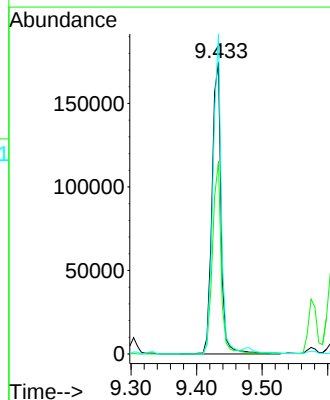
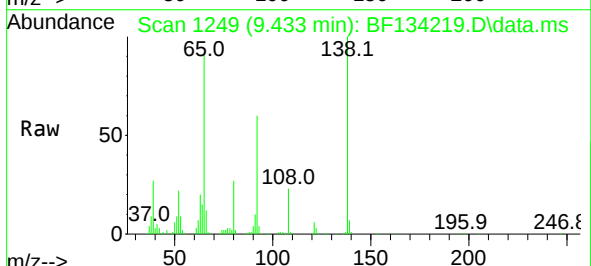
Tgt Ion: 65 Resp: 168338

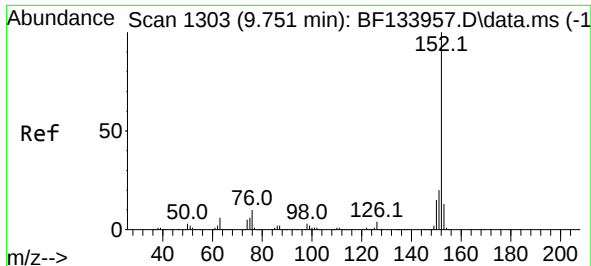
Ion Ratio Lower Upper

65 100

92 66.1 49.5 74.3

138 109.8 78.0 117.0





#49
Acenaphthylene
Concen: 40.045 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

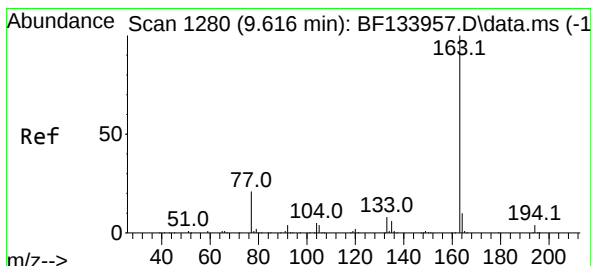
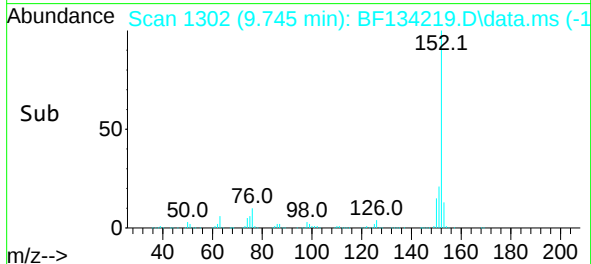
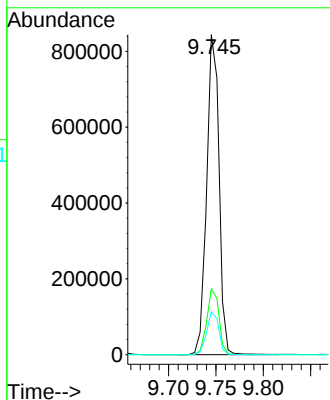
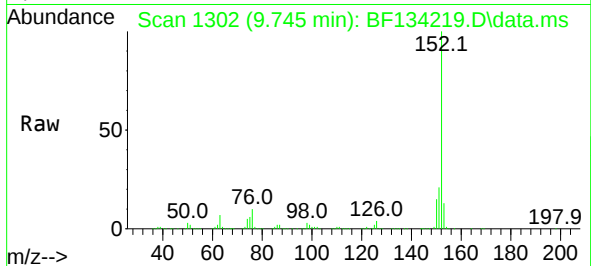
PB154060BS

Tgt Ion:152 Resp: 764085
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 13.3 10.8 16.2

Manual Integrations
APPROVED

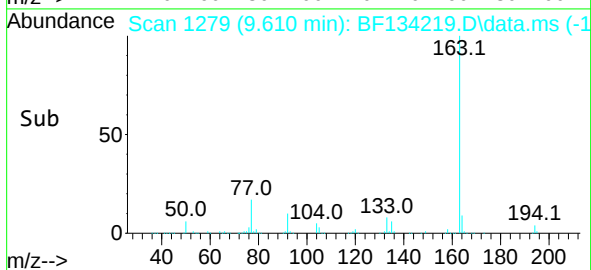
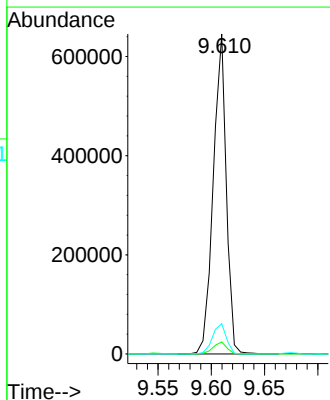
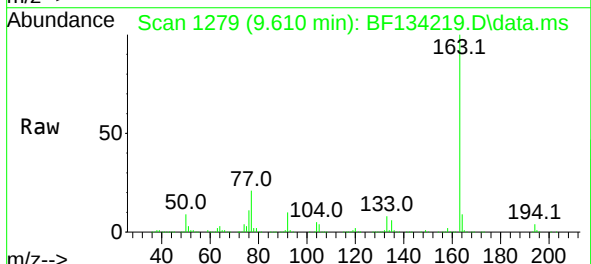
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

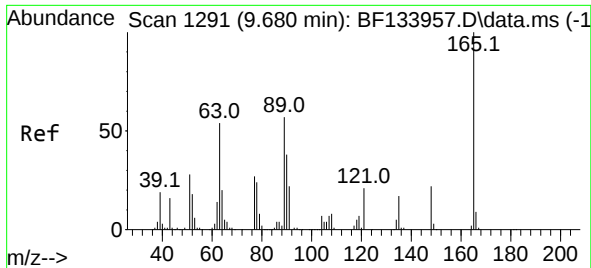
Supervised By :mohammad
ahmed
07/12/2023



#50
Dimethylphthalate
Concen: 39.655 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Tgt Ion:163 Resp: 547823
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.5 8.2 12.2





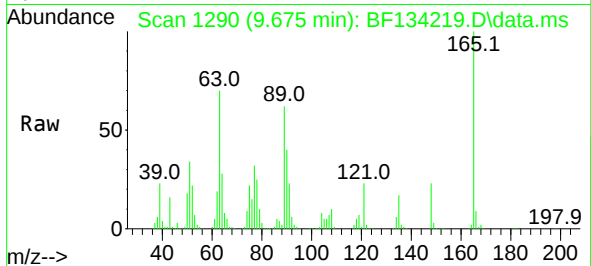
#51
2,6-Dinitrotoluene
Concen: 40.795 ng
RT: 9.675 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

PB154060BS

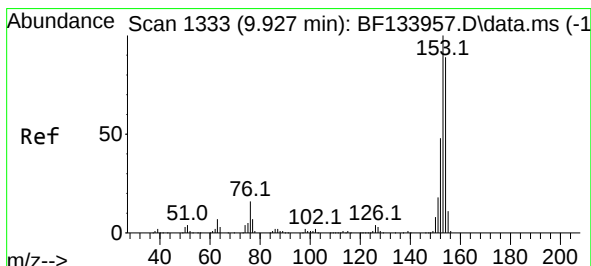
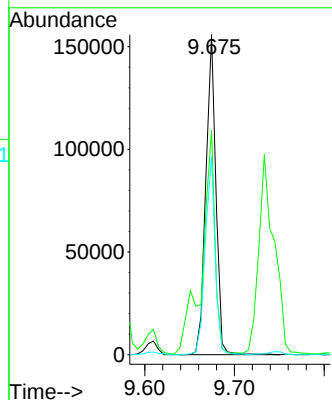


Tgt Ion:165 Resp: 121384
Ion Ratio Lower Upper
165 100
63 70.1 48.5 72.7
89 62.0 45.5 68.3

Manual Integrations
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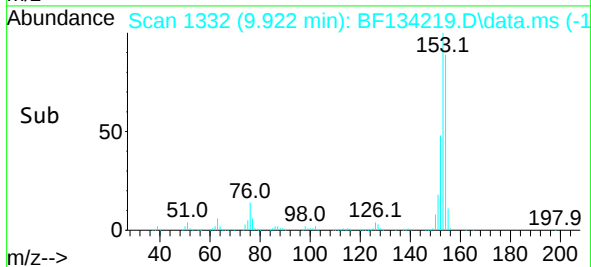
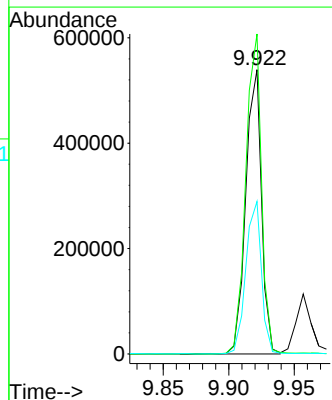
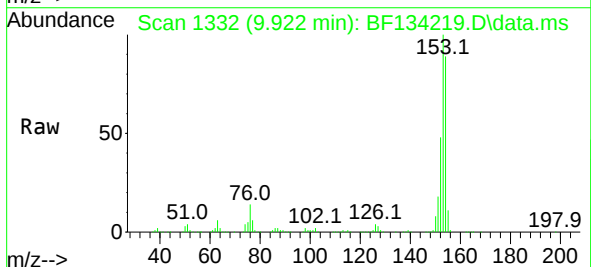
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

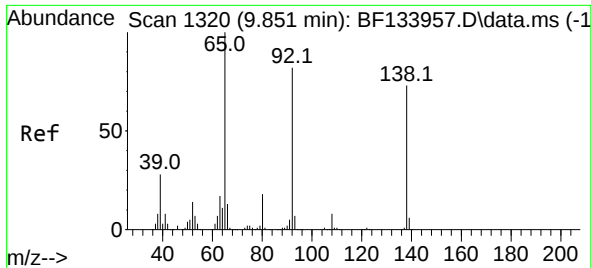
Supervised By :mohammad
ahmed
07/12/2023



#52
Acenaphthene
Concen: 40.778 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Tgt Ion:154 Resp: 451484
Ion Ratio Lower Upper
154 100
153 112.6 89.4 134.2
152 53.6 42.8 64.2





#53
3-Nitroaniline
Concen: 27.682 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

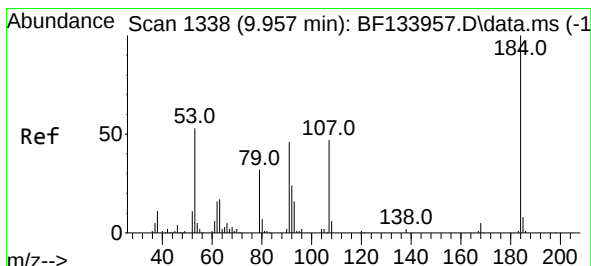
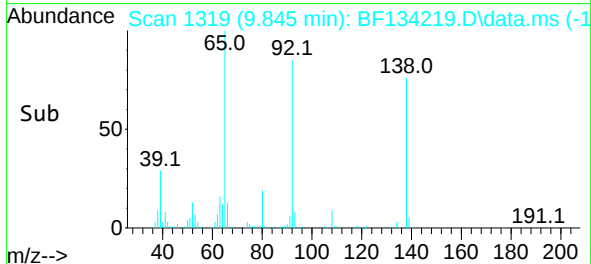
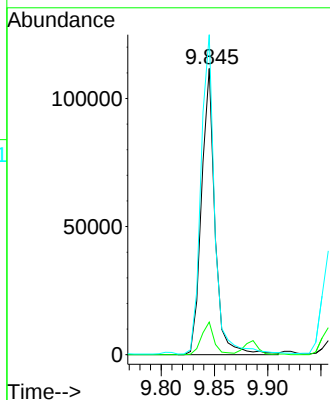
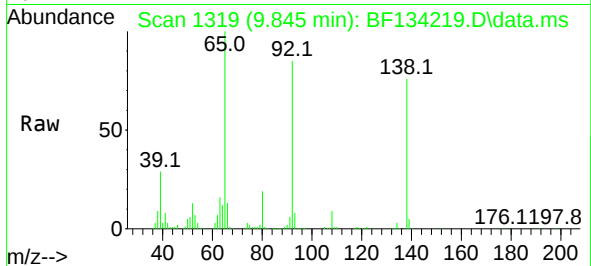
PB154060BS

Tgt Ion:138 Resp: 9881
Ion Ratio Lower Upper
138 100
108 11.4 8.4 12.6
92 111.8 90.1 135.1

Manual Integrations
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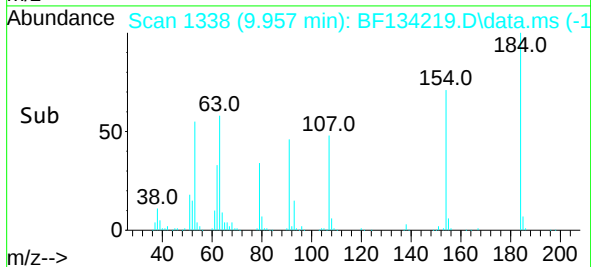
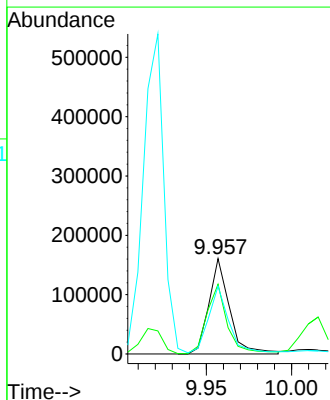
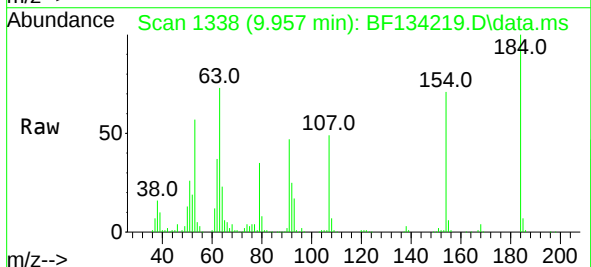
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

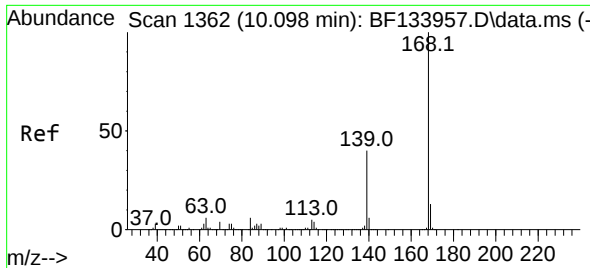
Supervised By :mohammad
ahmed
07/12/2023



#54
2,4-Dinitrophenol
Concen: 78.675 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

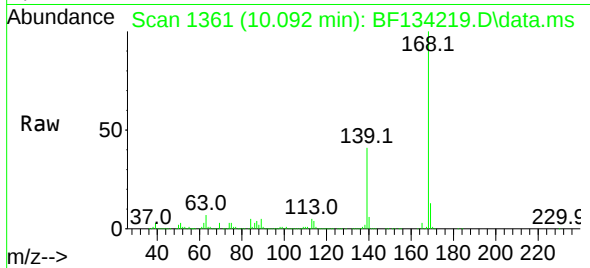
Tgt Ion:184 Resp: 135077
Ion Ratio Lower Upper
184 100
63 73.1 56.9 85.3
154 70.9 55.4 83.0





#55
Dibenzenofuran
Concen: 39.667 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :
BNA_F
ClientSampleId :
PB154060BS

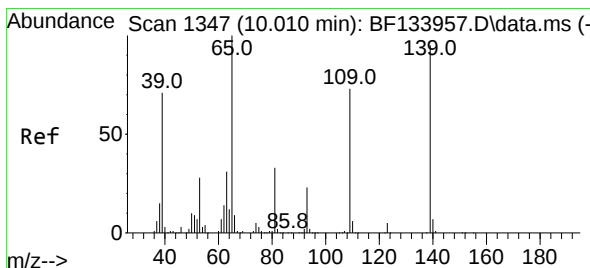
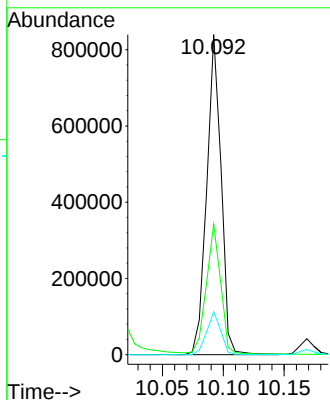
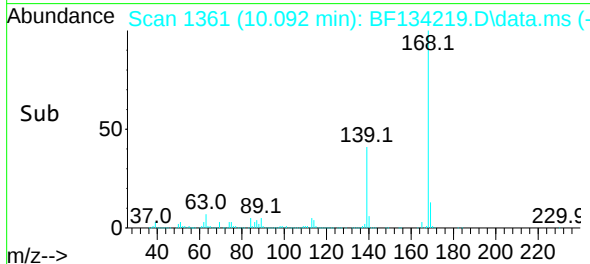


Tgt Ion:168 Resp: 686362
Ion Ratio Lower Upper
168 100
139 40.9 32.0 48.0
169 13.4 10.6 16.0

Manual Integrations
APPROVED

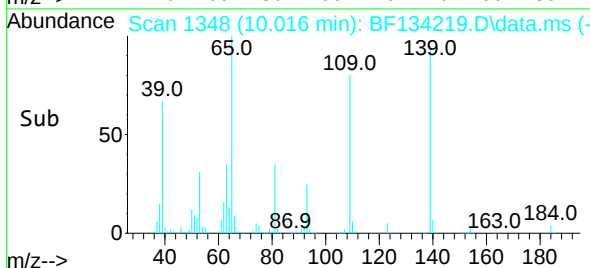
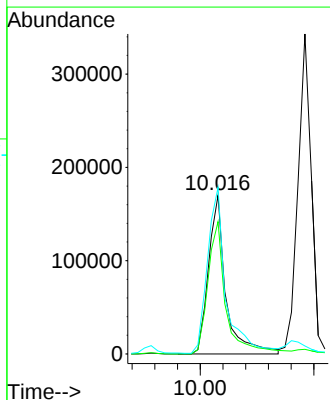
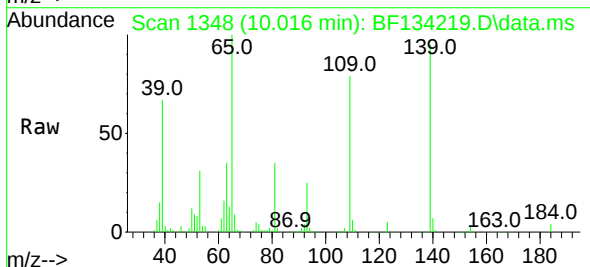
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

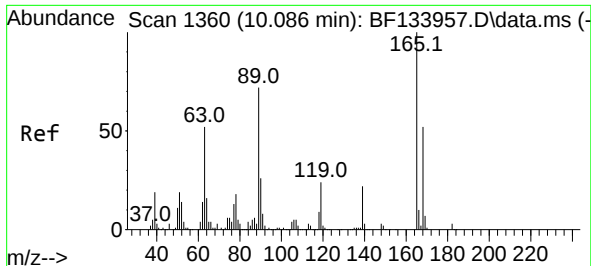
Supervised By :mohammad
ahmed
07/12/2023



#56
4-Nitrophenol
Concen: 72.477 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Tgt Ion:139 Resp: 180968
Ion Ratio Lower Upper
139 100
109 83.4 56.8 96.8
65 105.0 86.1 126.1





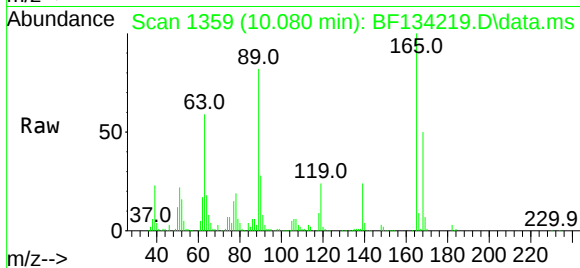
#57
2,4-Dinitrotoluene
Concen: 42.397 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

PB154060BS



Tgt Ion:165 Resp: 166599
Ion Ratio Lower Upper
165 100
63 58.8 42.2 63.2
89 81.8 57.4 86.2
182 2.8 2.2 3.4

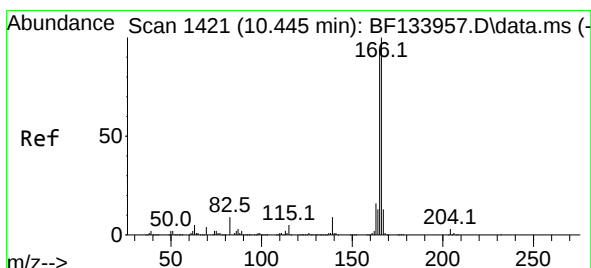
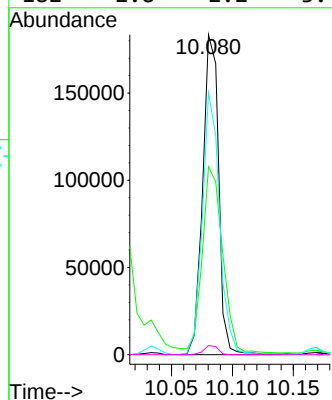
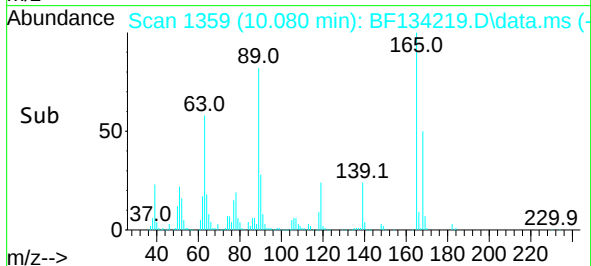
Manual Integrations

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Reviewed By :Yogesh Patel 07/12/2023

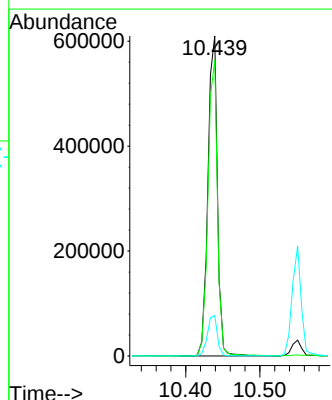
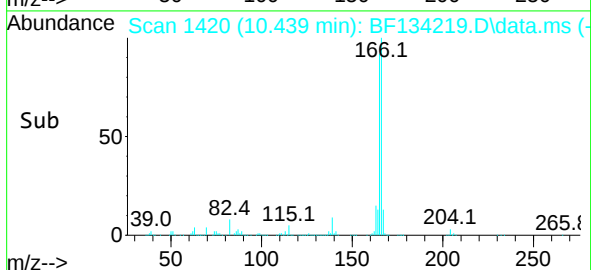
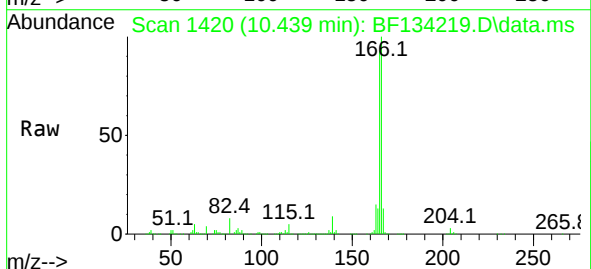
Supervised By :mohammad ahmed 07/12/2023

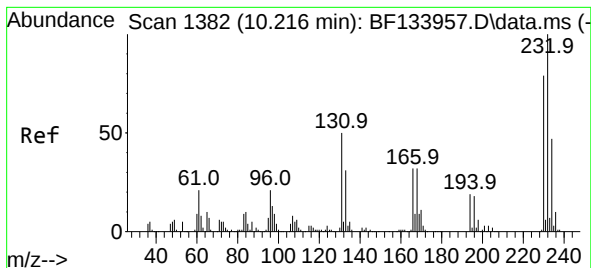
Supervised By :mohammad
ahmed
07/12/2023



#58
Fluorene
Concen: 40.498 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

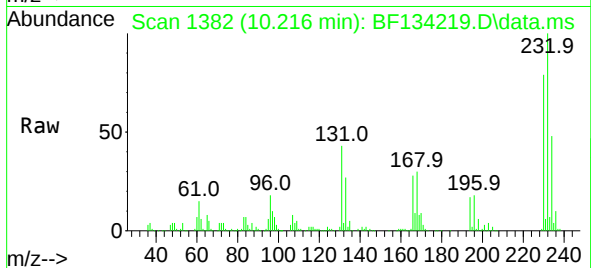
Tgt Ion:166 Resp: 545169
Ion Ratio Lower Upper
166 100
165 92.5 75.0 112.4
167 12.6 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.631 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :
BNA_F
ClientSampleId :
PB154060BS

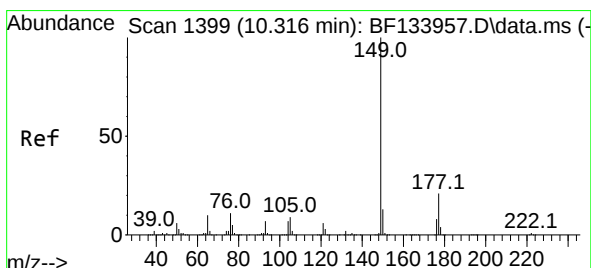
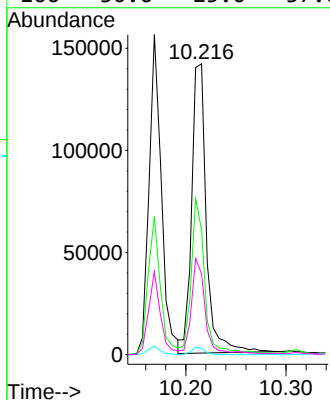


Tgt Ion:232 Resp: 144698
Ion Ratio Lower Upper
232 100
131 48.9 39.3 58.9
130 2.4 1.8 2.6
166 30.6 25.0 37.6

Manual Integrations
APPROVED

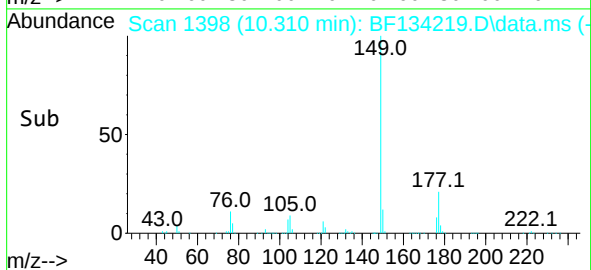
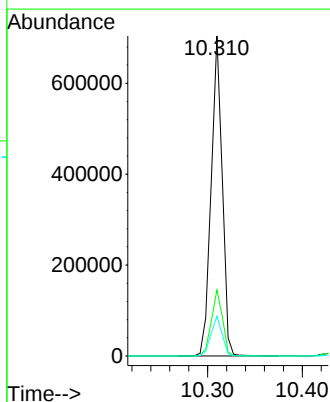
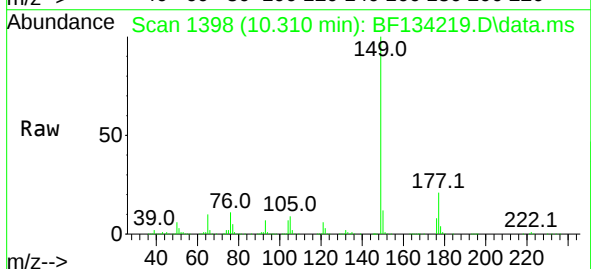
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

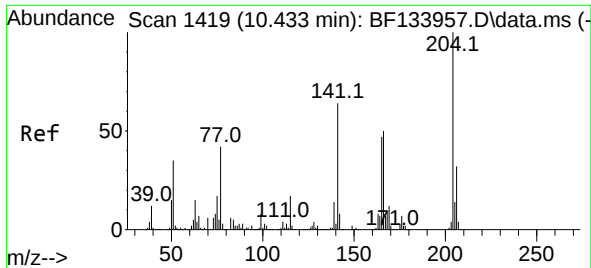
Supervised By :mohammad
ahmed
07/12/2023



#60
Diethylphthalate
Concen: 39.523 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

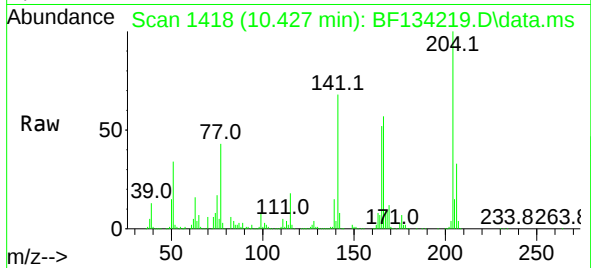
Tgt Ion:149 Resp: 568857
Ion Ratio Lower Upper
149 100
177 20.6 17.0 25.6
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 39.622 ng
RT: 10.427 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :
BNA_F
ClientSampleId :
PB154060BS

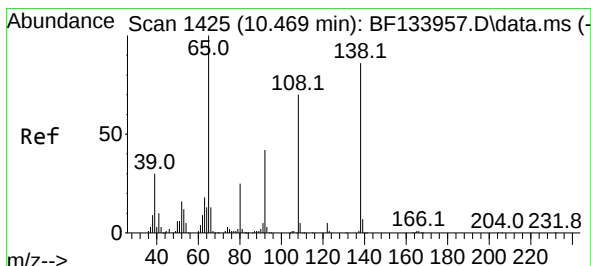
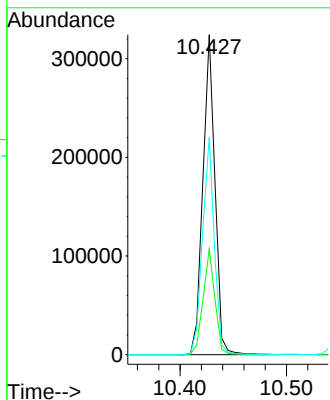
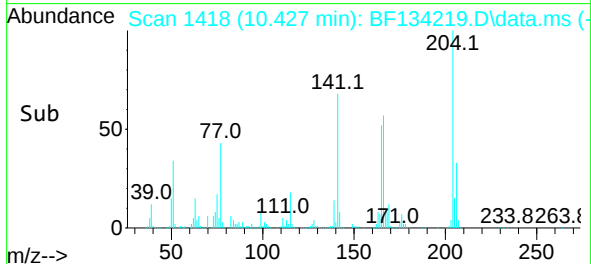


Tgt Ion:204 Resp: 25704
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 67.9 51.5 77.3

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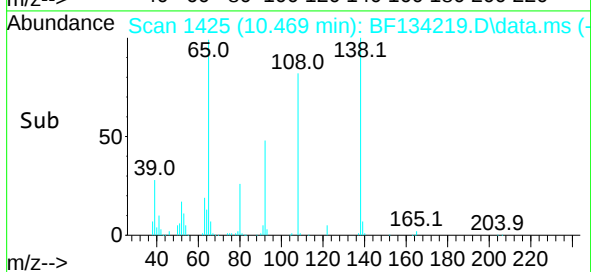
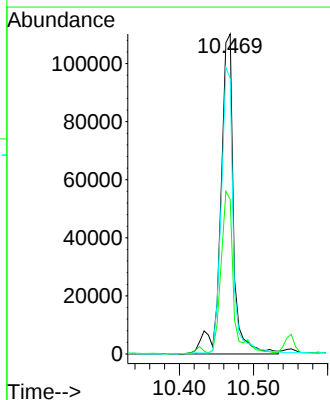
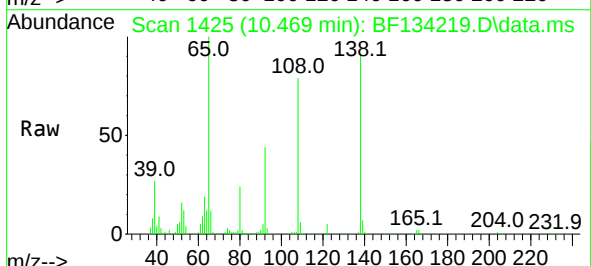
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

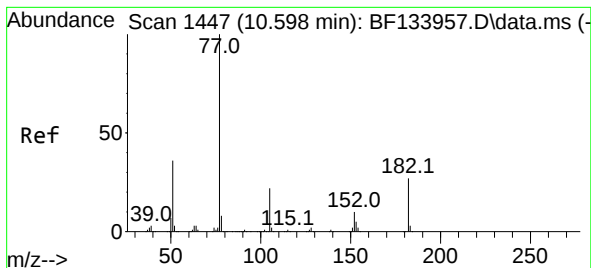
Supervised By :mohammad
ahmed
07/12/2023



#62
4-Nitroaniline
Concen: 36.590 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

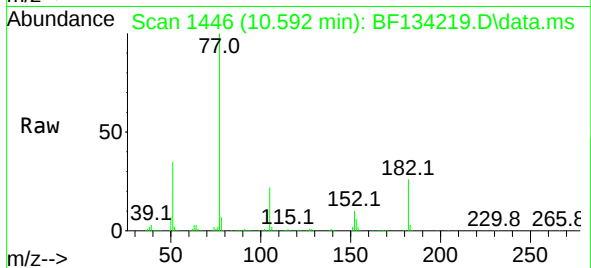
Tgt Ion:138 Resp: 131630
Ion Ratio Lower Upper
138 100
92 48.4 29.7 69.7
108 86.1 62.1 102.1





#63
Azobenzene
Concen: 38.991 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :
BNA_F
ClientSampleId :
PB154060BS

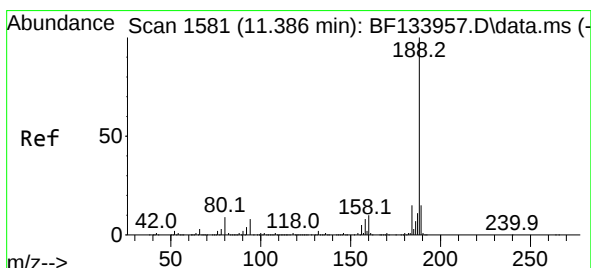
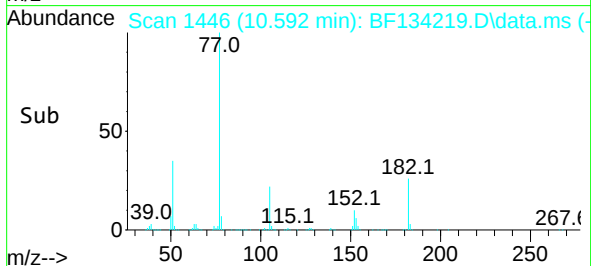
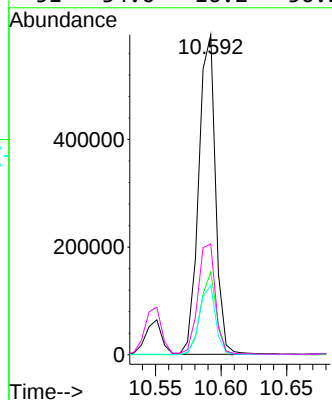


Tgt Ion: 77 Resp: 53084
Ion Ratio Lower Upper
77 100
182 25.9 6.8 46.8
105 21.6 2.3 42.3
51 34.6 16.2 56.2

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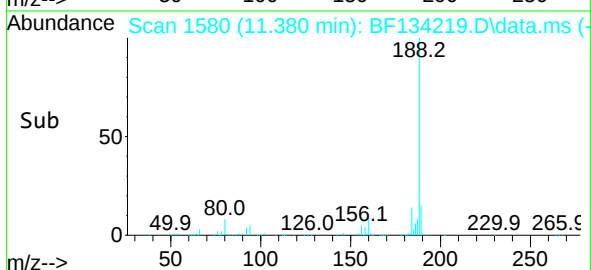
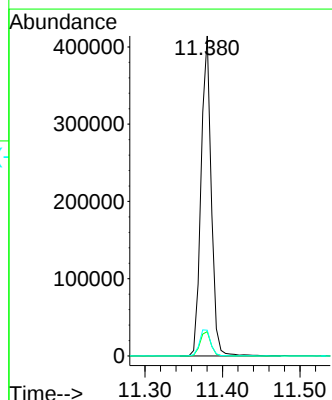
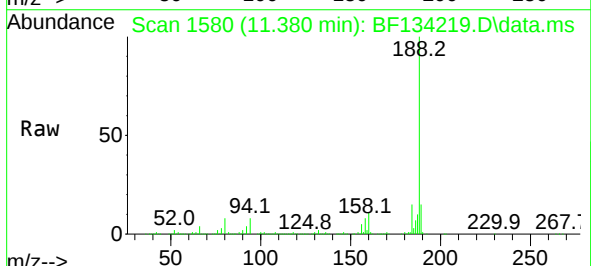
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

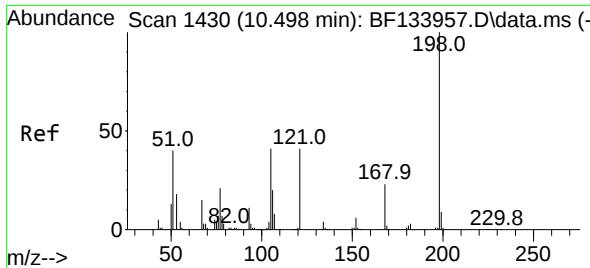
Supervised By :mohammad
ahmed
07/12/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Tgt Ion:188 Resp: 377919
Ion Ratio Lower Upper
188 100
94 7.6 6.4 9.6
80 8.0 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 44.983 ng
RT: 10.492 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

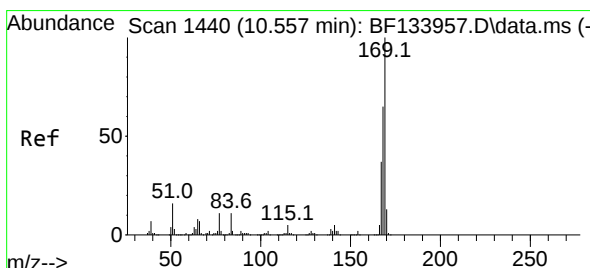
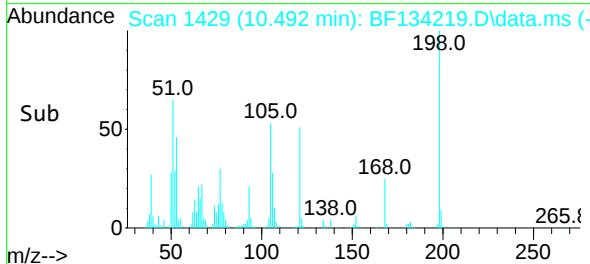
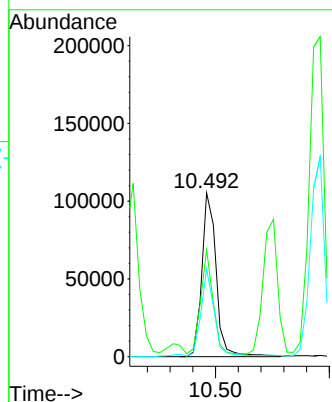
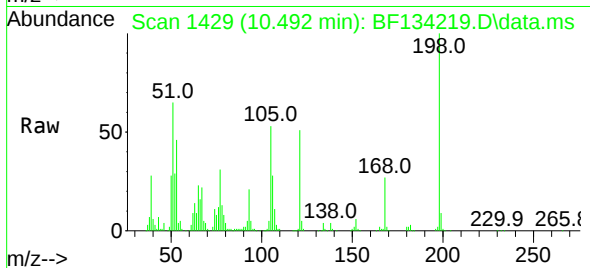
Instrument :
BNA_F
ClientSampleId :
PB154060BS

Tgt Ion:198 Resp: 92681
Ion Ratio Lower Upper
198 100
51 65.1 29.3 69.3
105 53.5 22.4 62.4

Manual Integrations
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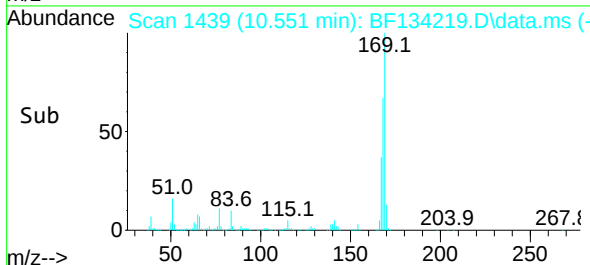
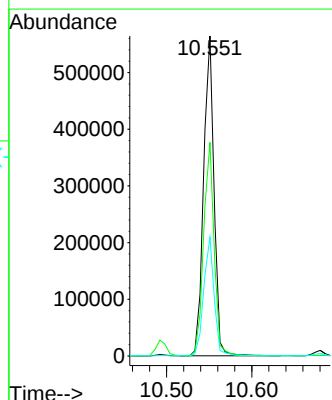
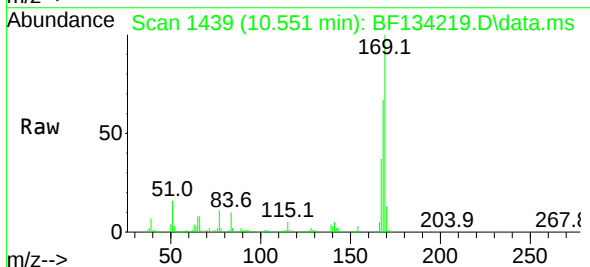
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

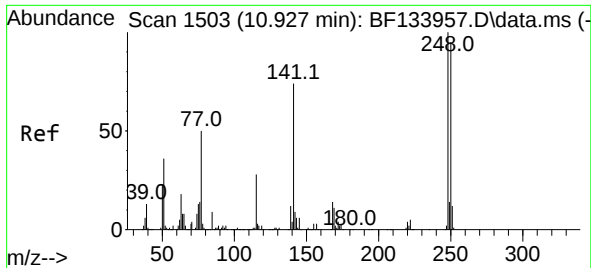
Supervised By :mohammad
ahmed
07/12/2023



#66
n-Nitrosodiphenylamine
Concen: 39.783 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Tgt Ion:169 Resp: 480363
Ion Ratio Lower Upper
169 100
168 66.7 52.3 78.5
167 37.1 29.4 44.0





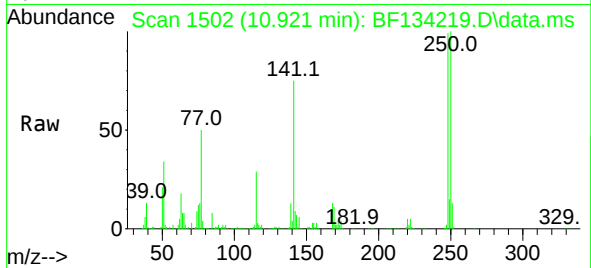
#67
4-Bromophenyl-phenylether
Concen: 39.651 ng
RT: 10.921 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

PB154060BS

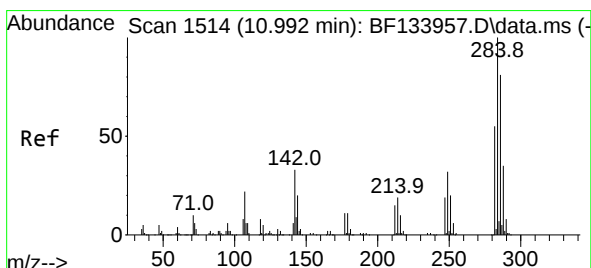
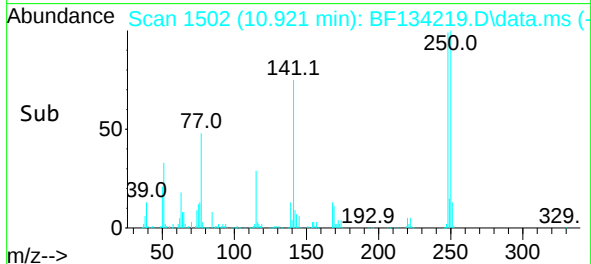
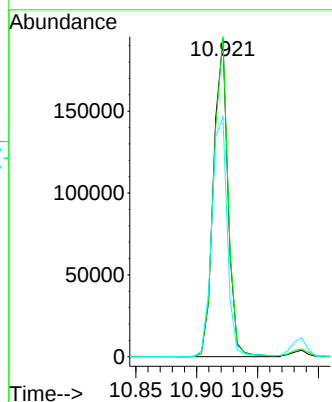


Tgt Ion:248 Resp: 159270
Ion Ratio Lower Upper
248 100
250 100.8 76.2 114.4
141 75.6 59.0 88.4

Manual Integrations
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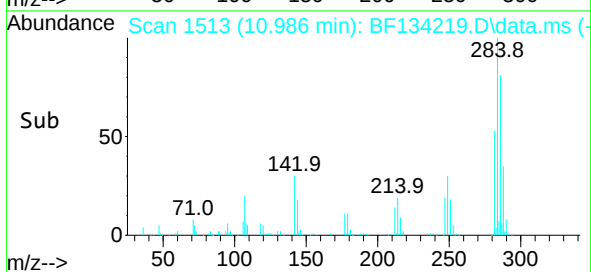
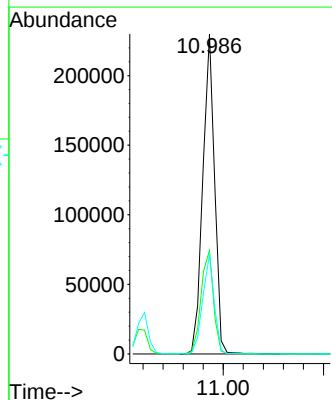
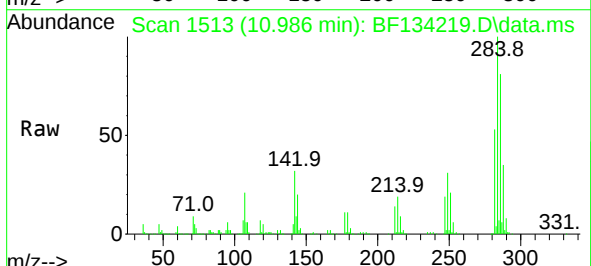
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

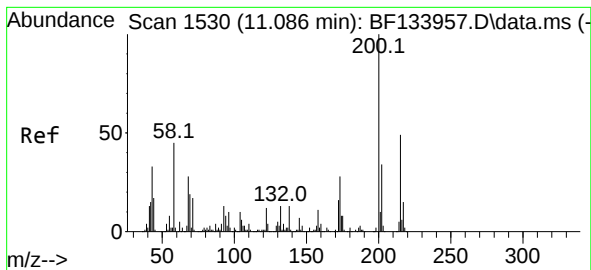
Supervised By :mohammad
ahmed
07/12/2023



#68
Hexachlorobenzene
Concen: 44.227 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Tgt Ion:284 Resp: 188624
Ion Ratio Lower Upper
284 100
142 32.3 26.6 40.0
249 31.2 25.5 38.3





#69

Atrazine

Concen: 39.274 ng

RT: 11.080 min Scan# 1529

Delta R.T. -0.000 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

PB154060BS

Tgt Ion:200	Resp: 131174
Ion Ratio	Lower Upper
200 100	
173 26.8	8.0 48.0
215 46.8	29.3 69.3

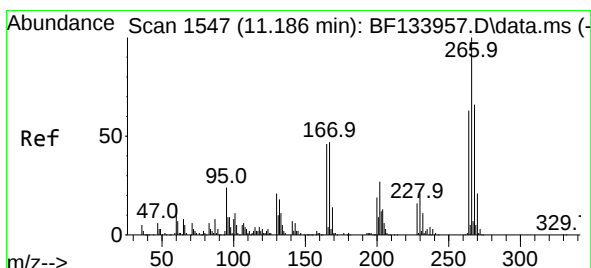
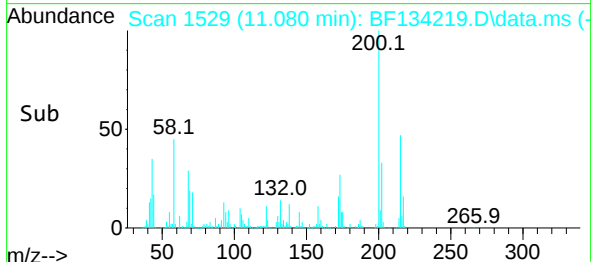
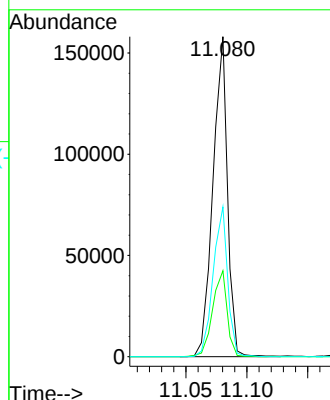
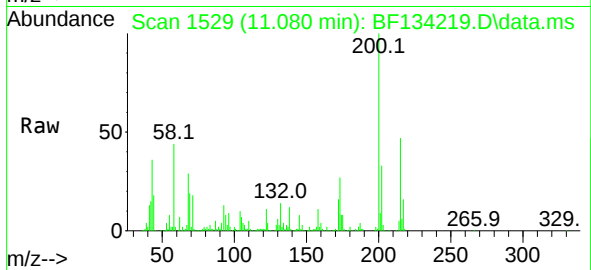
Manual Integrations

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Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023

Supervised By :mohammad
ahmed
07/12/2023



#70

Pentachlorophenol

Concen: 68.568 ng

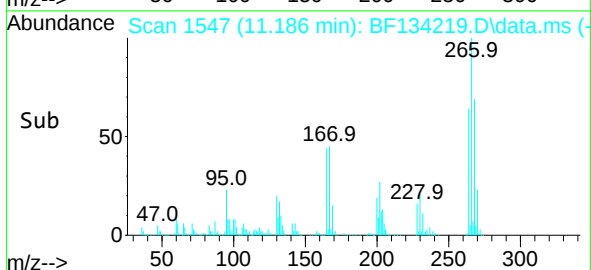
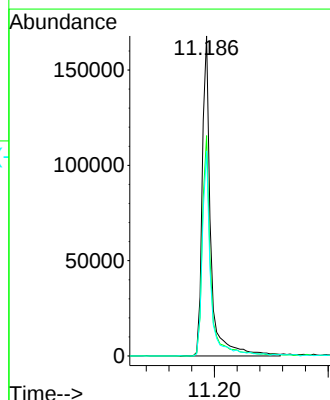
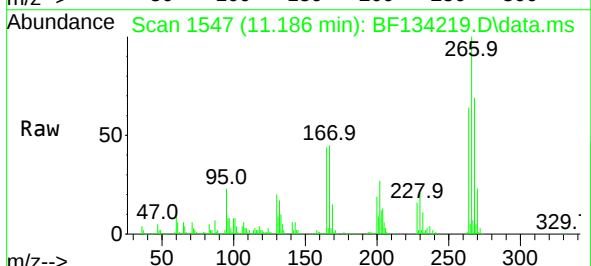
RT: 11.186 min Scan# 1547

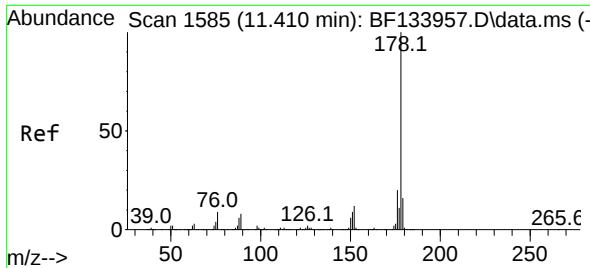
Delta R.T. -0.000 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

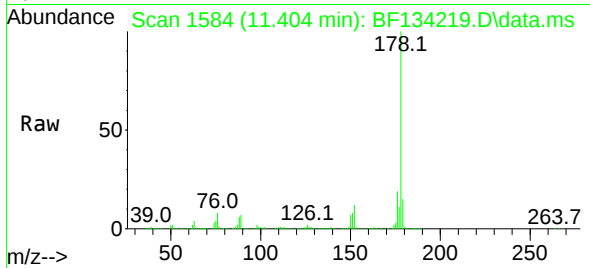
Tgt Ion:266	Resp: 174854
Ion Ratio	Lower Upper
266 100	
268 68.9	52.6 79.0
264 64.1	50.6 76.0





#71
Phenanthrene
Concen: 40.901 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :
BNA_F
ClientSampleId :
PB154060BS

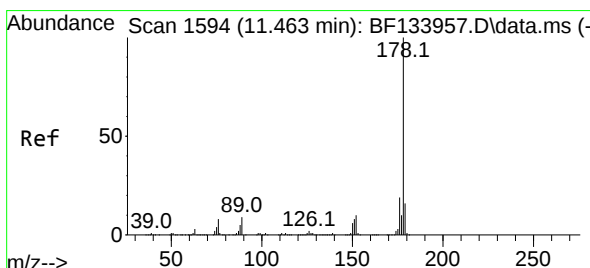
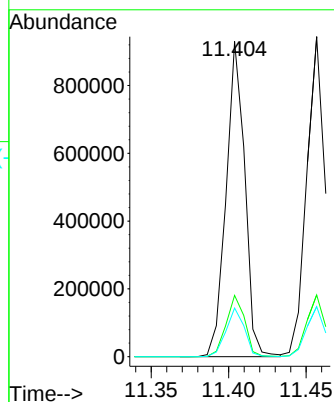


Tgt Ion:178 Resp: 77815
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.4 12.4 18.6

Manual Integrations
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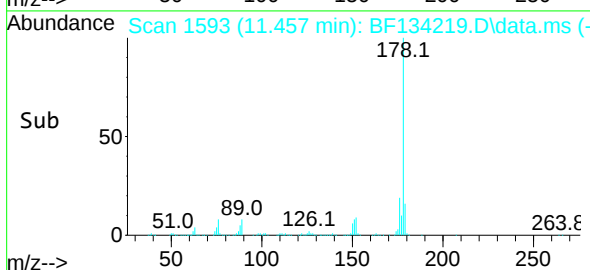
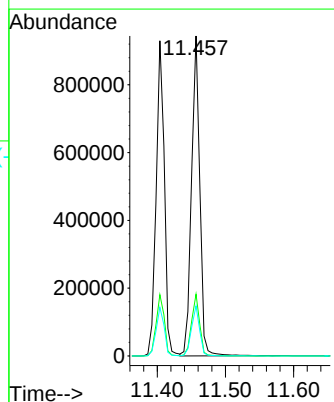
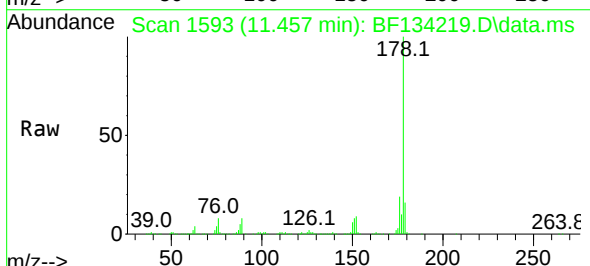
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

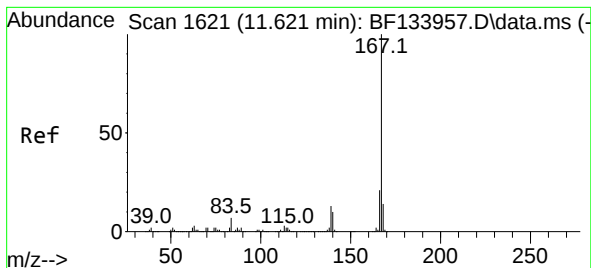
Supervised By :mohammad
ahmed
07/12/2023



#72
Anthracene
Concen: 40.170 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Tgt Ion:178 Resp: 794885
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.7 12.4 18.6





#73

Carbazole

Concen: 41.482 ng

RT: 11.616 min Scan# 1620

Delta R.T. -0.000 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

PB154060BS

Tgt Ion:167	Resp: 751339
Ion Ratio	Lower Upper
167 100	
166 22.2	17.0 25.6
139 13.6	10.4 15.6

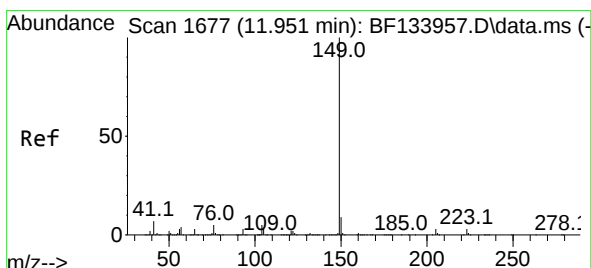
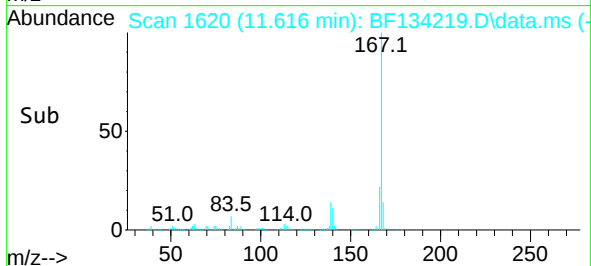
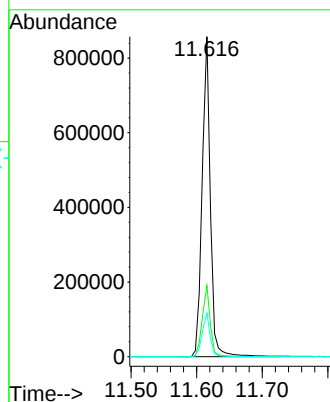
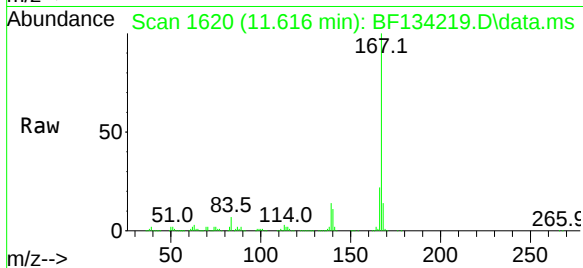
Manual Integrations

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Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023

Supervised By :mohammad
ahmed
07/12/2023



#74

Di-n-butylphthalate

Concen: 40.247 ng

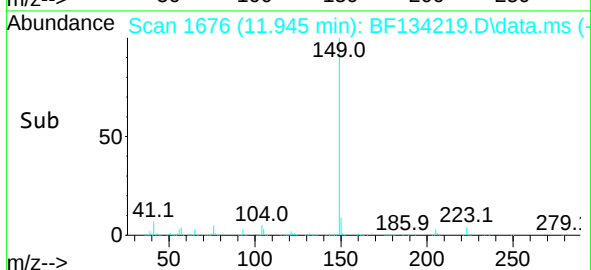
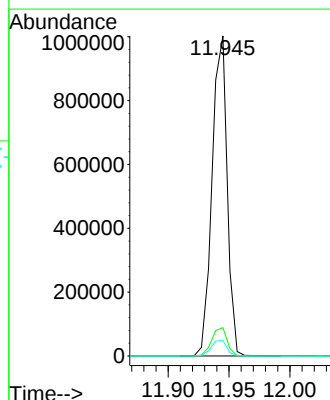
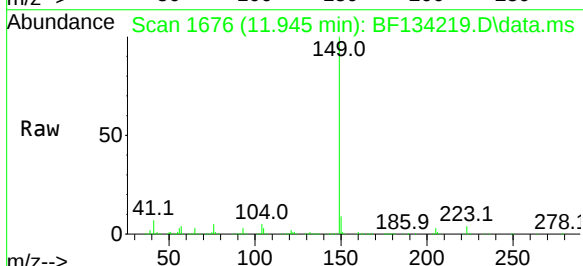
RT: 11.945 min Scan# 1676

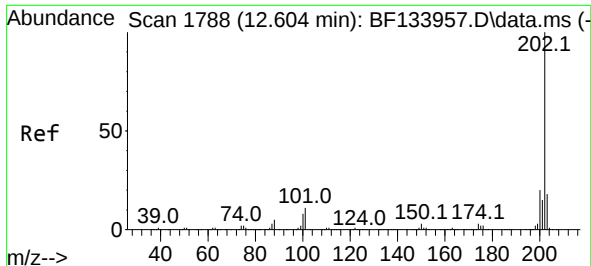
Delta R.T. -0.000 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

Tgt Ion:149	Resp: 866876
Ion Ratio	Lower Upper
149 100	
150 8.8	7.1 10.7
104 4.8	4.0 6.0





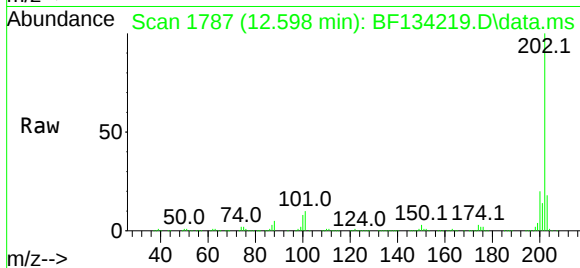
#75
Fluoranthene
Concen: 40.129 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

PB154060BS



Tgt Ion:202 Resp: 82537
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.0
203 17.8 0.0 37.6

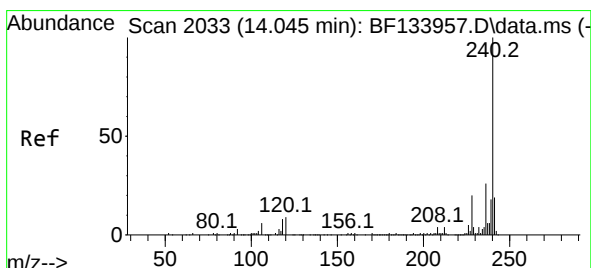
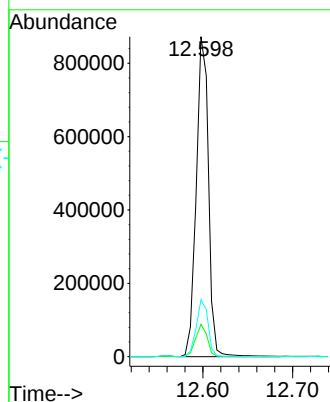
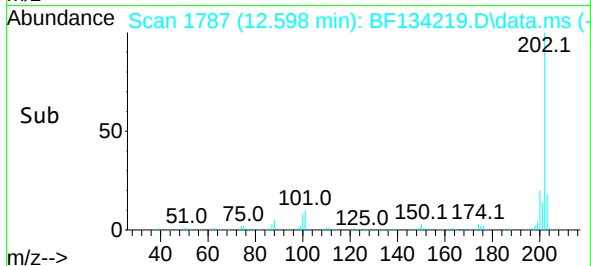
Manual Integrations

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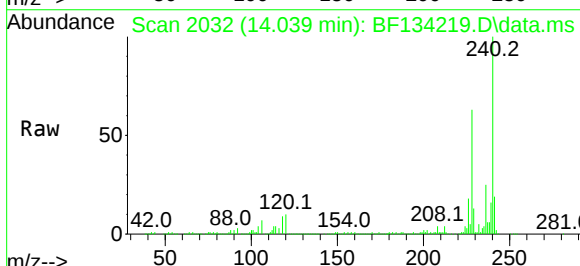
Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023

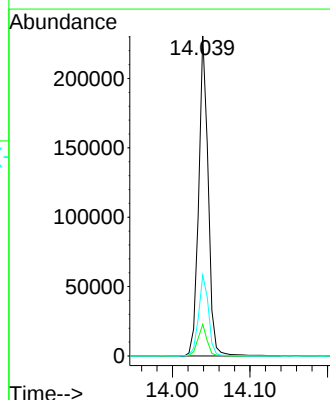
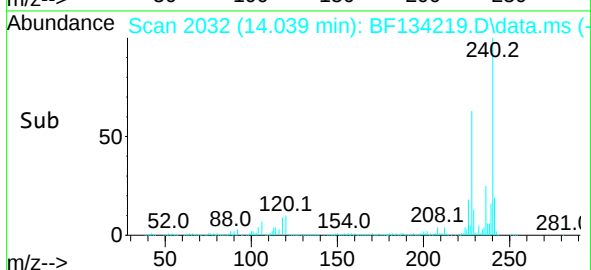
Supervised By :mohammad
ahmed
07/12/2023

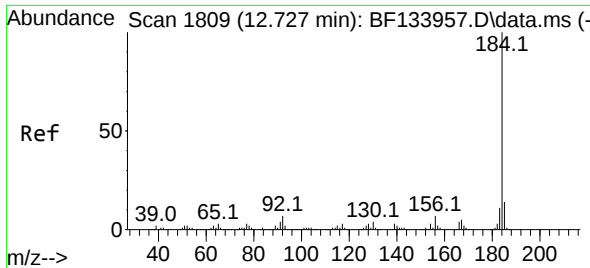


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32



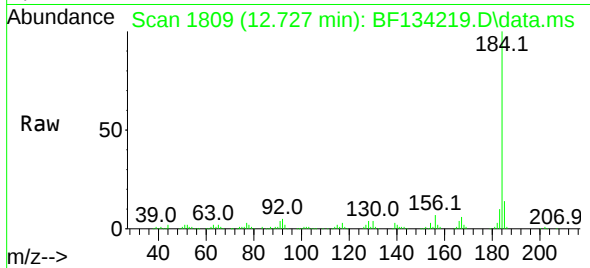
Tgt Ion:240 Resp: 195774
Ion Ratio Lower Upper
240 100
120 9.9 7.4 11.0
236 25.3 21.0 31.6





#77
Benzidine
Concen: 24.280 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :
BNA_F
ClientSampleId :
PB154060BS

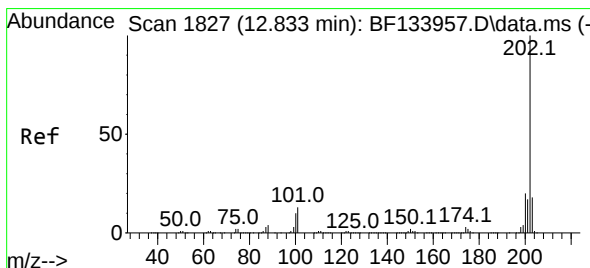
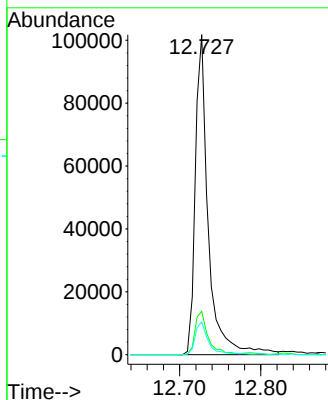
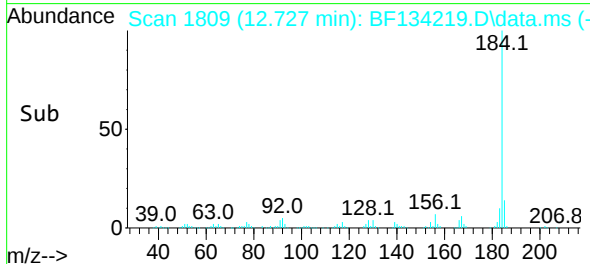


Tgt Ion:184 Resp: 11310
Ion Ratio Lower Upper
184 100
185 13.5 11.6 17.4
183 10.3 8.8 13.2

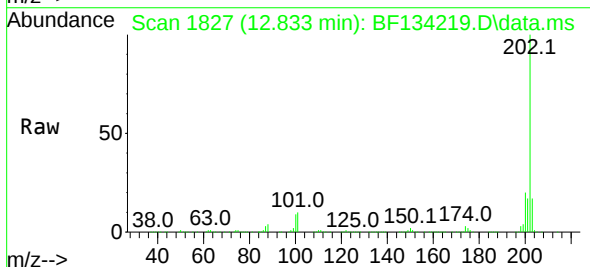
Manual Integrations
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Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

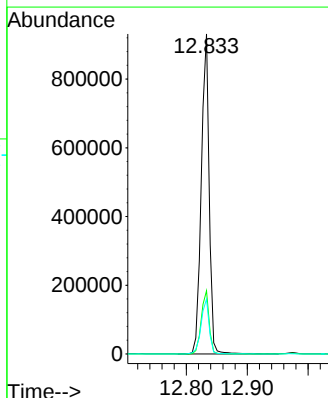
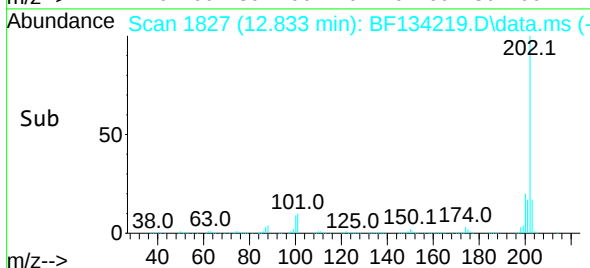
Supervised By :mohammad
ahmed
07/12/2023

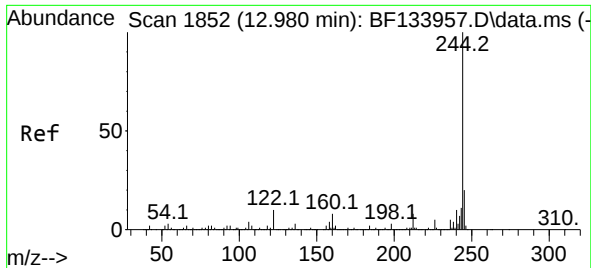


#78
Pyrene
Concen: 45.618 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32



Tgt Ion:202 Resp: 831137
Ion Ratio Lower Upper
202 100
200 19.8 16.1 24.1
203 17.1 14.3 21.5





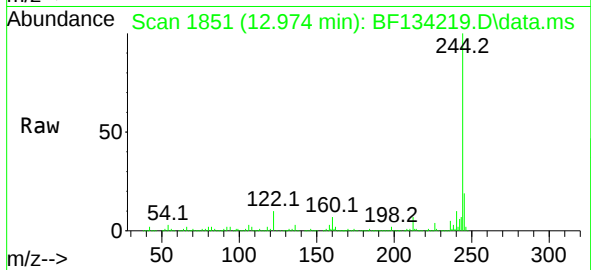
#79
 Terphenyl-d14
 Concen: 94.715 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF134219.D
 Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

PB154060BS



Tgt Ion:244 Resp: 115214
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.9 8.3 12.5

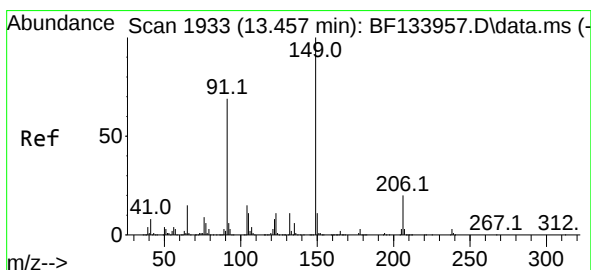
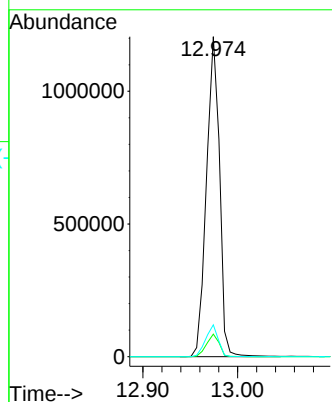
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

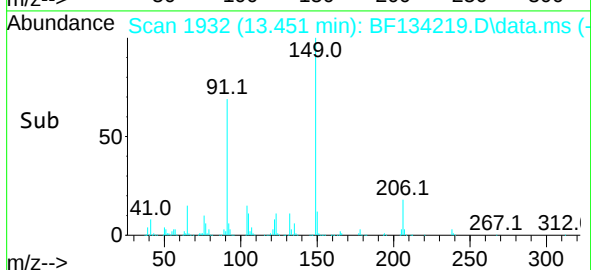
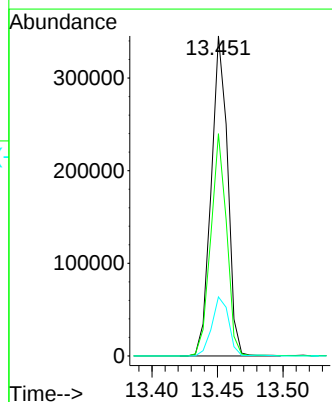
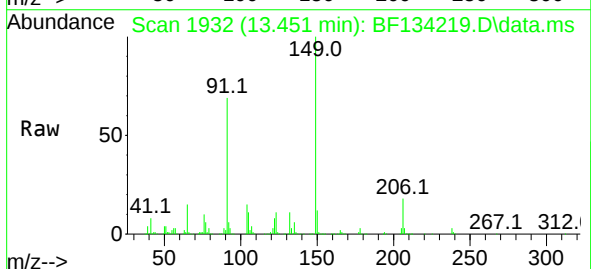
Supervised By :mohammad ahmed 07/12/2023

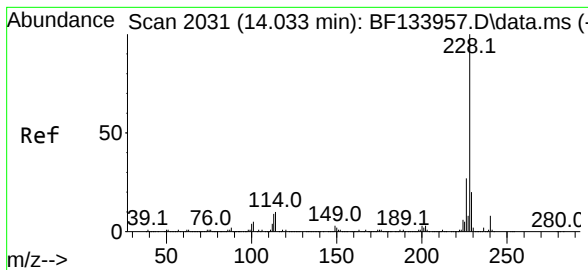
Supervised By :mohammad
 ahmed
 07/12/2023



#80
 Butylbenzylphthalate
 Concen: 44.063 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.000 min
 Lab File: BF134219.D
 Acq: 11 Jul 2023 18:32

Tgt Ion:149 Resp: 301090
 Ion Ratio Lower Upper
 149 100
 91 69.4 55.1 82.7
 206 18.5 15.7 23.5





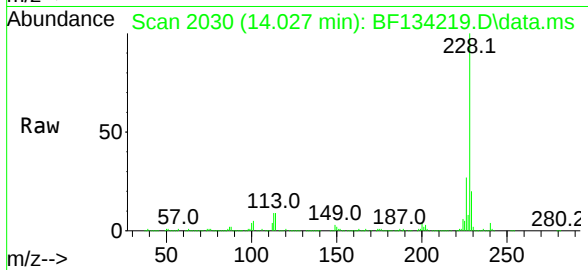
#81
 Benzo(a)anthracene
 Concen: 42.439 ng
 RT: 14.027 min Scan# 2031
 Delta R.T. -0.006 min
 Lab File: BF134219.D
 Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

PB154060BS

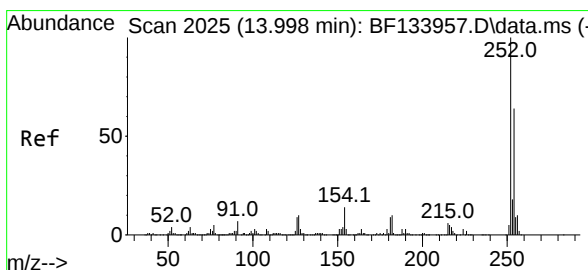
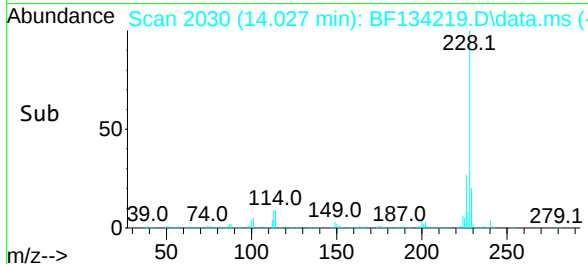
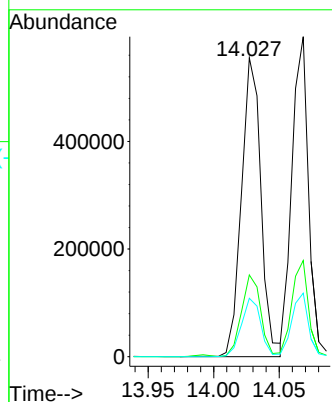


Tgt Ion:228 Resp: 576200
 Ion Ratio Lower Upper
 228 100
 226 27.4 22.0 33.0
 229 19.5 16.3 24.5

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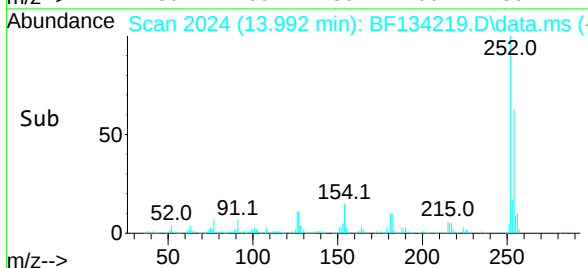
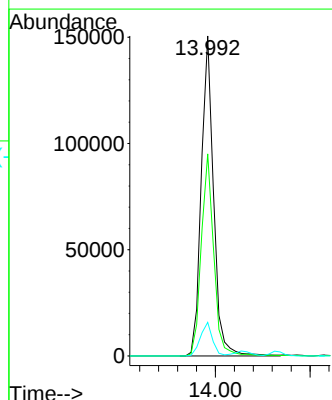
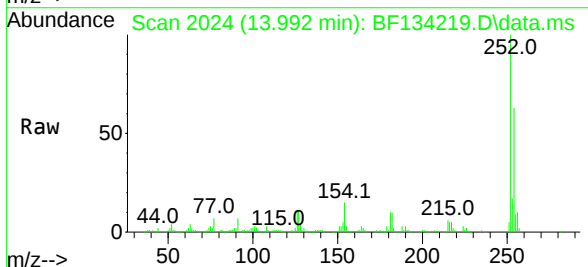
Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

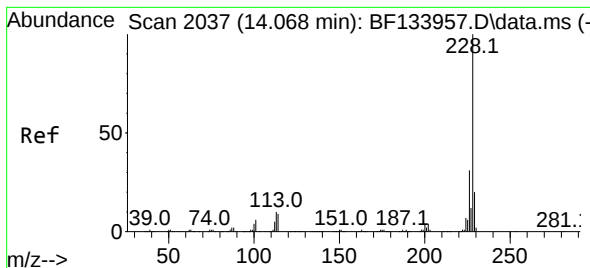
Supervised By :mohammad
 ahmed
 07/12/2023



#82
 3,3'-Dichlorobenzidine
 Concen: 31.659 ng
 RT: 13.992 min Scan# 2024
 Delta R.T. -0.000 min
 Lab File: BF134219.D
 Acq: 11 Jul 2023 18:32

Tgt Ion:252 Resp: 136183
 Ion Ratio Lower Upper
 252 100
 254 63.1 51.4 77.0
 126 10.5 7.4 11.2





#83

Chrysene

Concen: 40.564 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BF134219.D

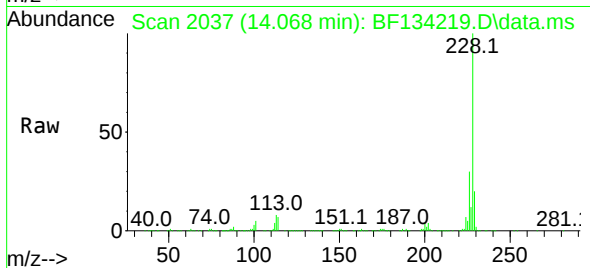
Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

PB154060BS



Tgt Ion:228 Resp: 53343

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 19.8 16.1 24.1

Manual Integrations

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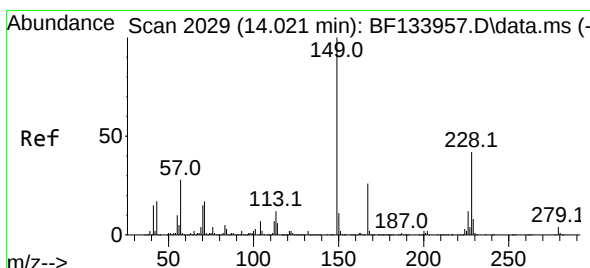
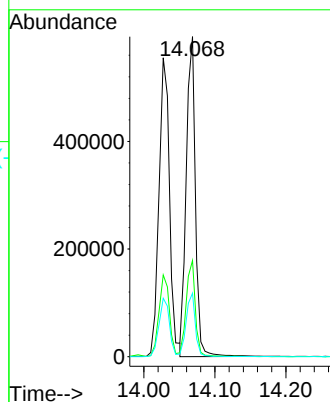
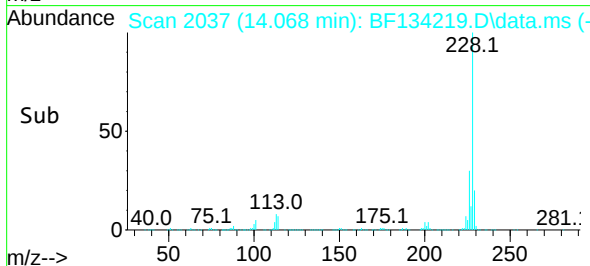
Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023

Supervised By :mohammad

ahmed

07/12/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.890 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

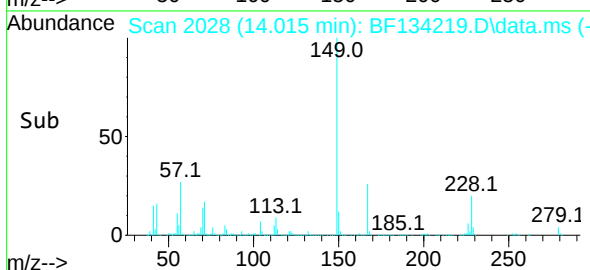
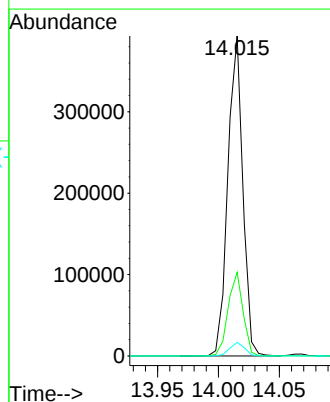
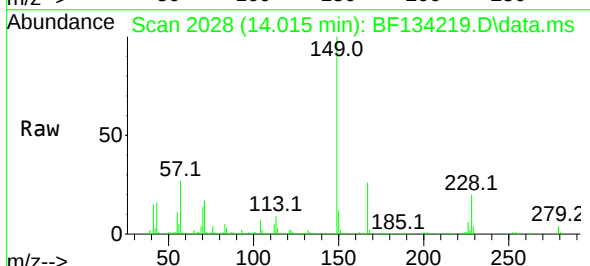
Tgt Ion:149 Resp: 336757

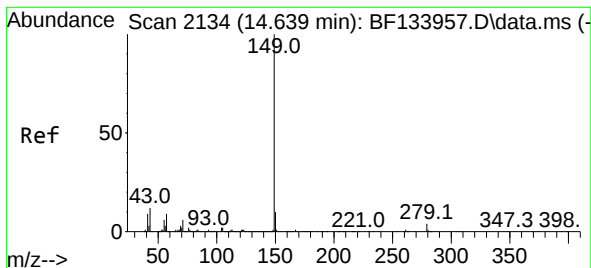
Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

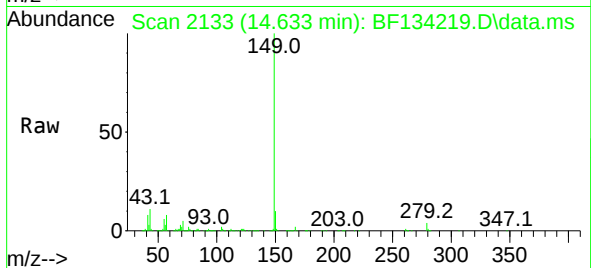
279 4.3 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 41.863 ng
RT: 14.633 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :
BNA_F
ClientSampleId :
PB154060BS

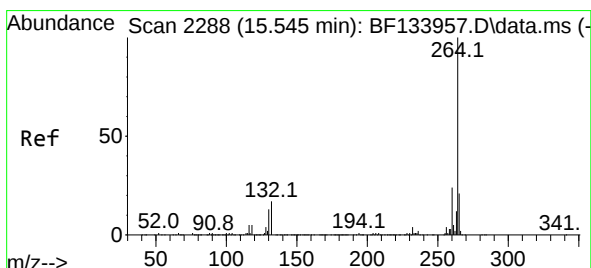
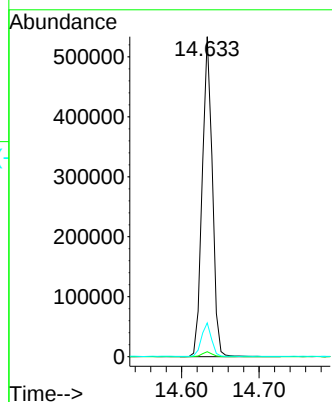
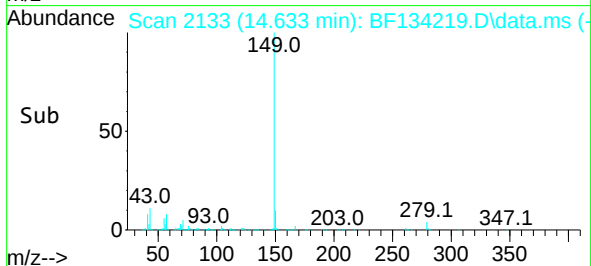


Tgt Ion:149 Resp: 48297
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.3 9.0 13.4

Manual Integrations
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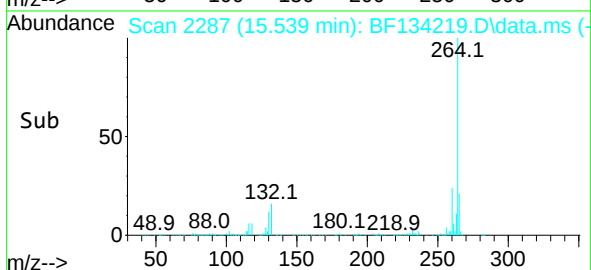
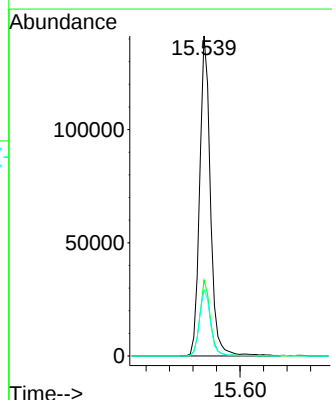
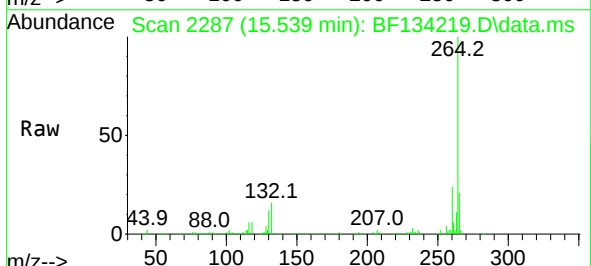
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

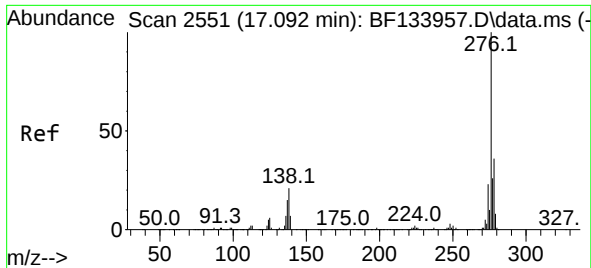
Supervised By :mohammad
ahmed
07/12/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2287
Delta R.T. -0.006 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Tgt Ion:264 Resp: 179153
Ion Ratio Lower Upper
264 100
260 23.7 19.5 29.3
265 20.6 16.6 25.0





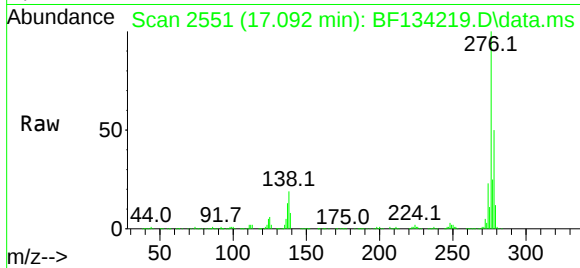
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.034 ng
RT: 17.092 min Scan# 21198
Delta R.T. -0.006 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

PB154060BS



Tgt Ion:276 Resp: 621998
Ion Ratio Lower Upper
276 100
138 20.5 18.7 28.1
277 25.1 19.9 29.9

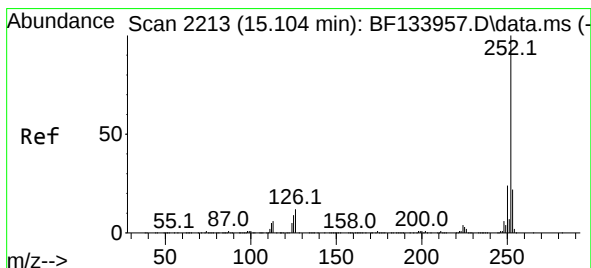
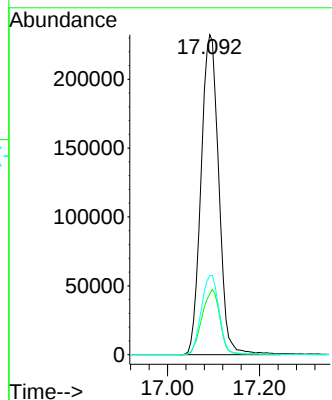
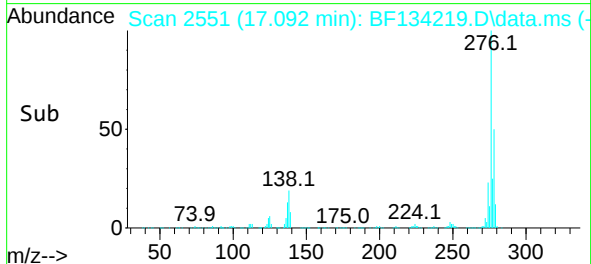
Manual Integrations

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Reviewed By :Yogesh Patel 07/12/2023

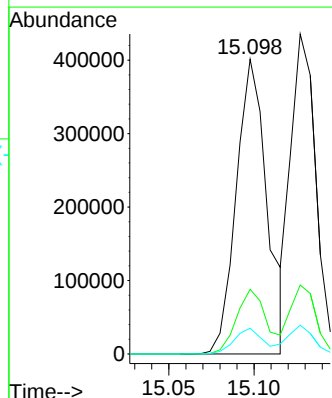
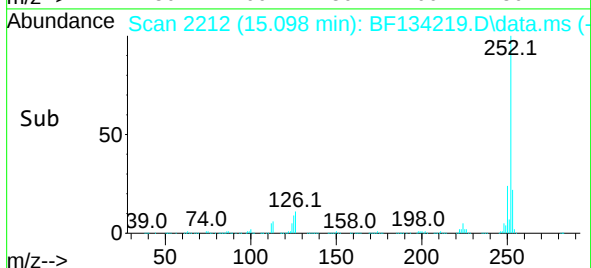
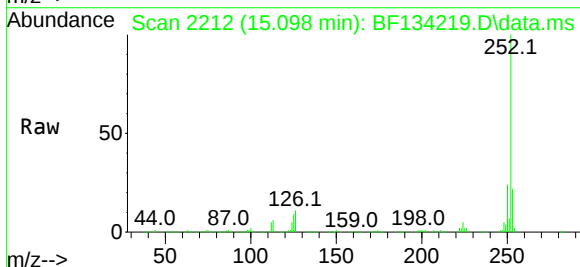
Supervised By :mohammad ahmed 07/12/2023

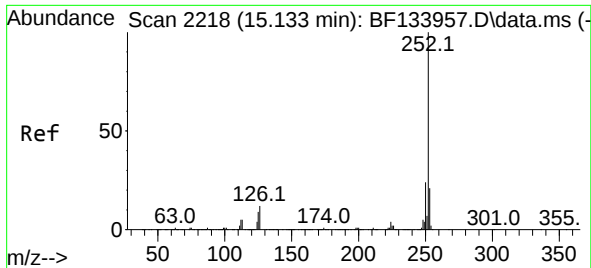
Supervised By :mohammad
ahmed
07/12/2023



#88
Benzo(b)fluoranthene
Concen: 48.027 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Tgt Ion:252 Resp: 505936
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 8.8 7.1 10.7





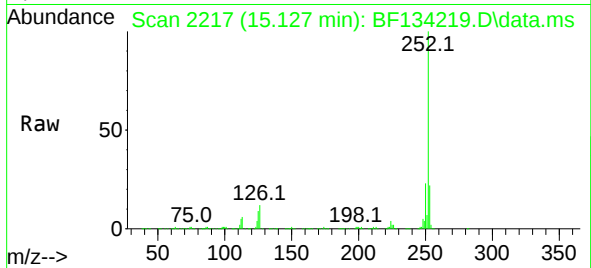
#89
Benzo(k)fluoranthene
Concen: 42.693 ng
RT: 15.127 min Scan# 2218
Delta R.T. -0.006 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

PB154060BS

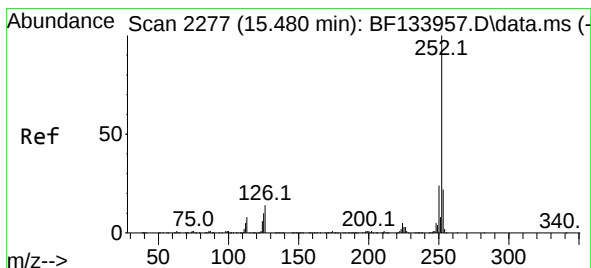
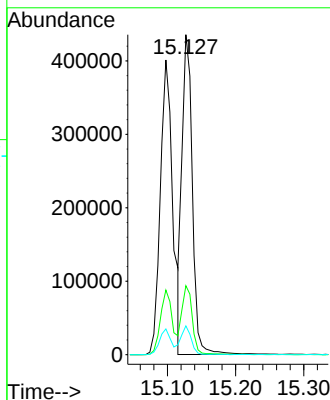
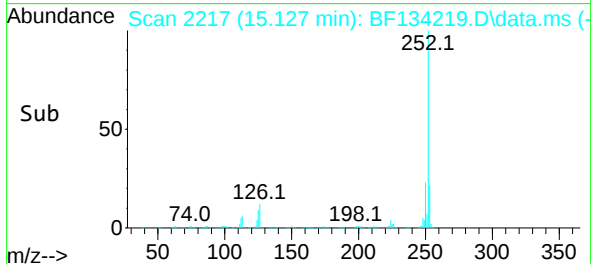


Tgt Ion:252 Resp: 457910
Ion Ratio Lower Upper
252 100
253 21.6 16.9 25.3
125 9.0 7.4 11.2

Manual Integrations
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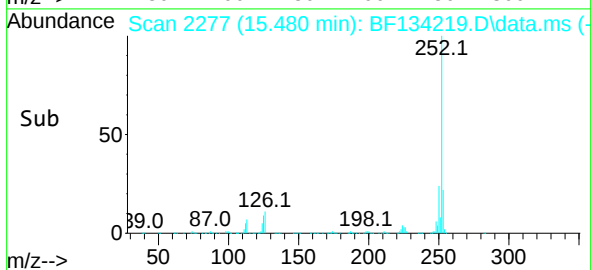
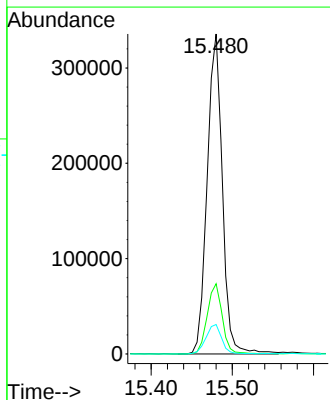
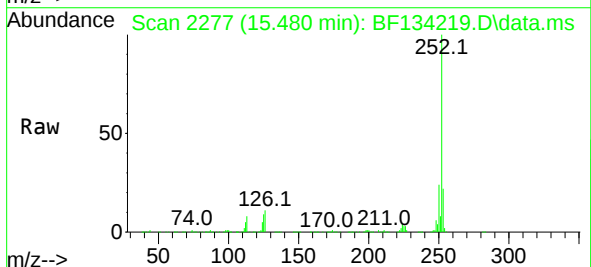
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

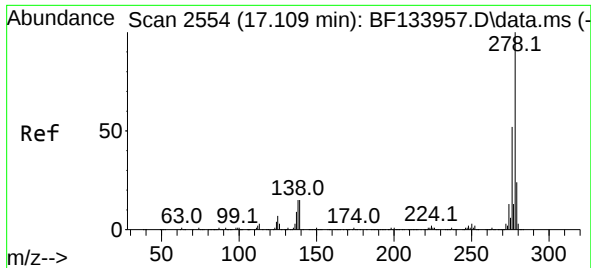
Supervised By :mohammad
ahmed
07/12/2023



#90
Benzo(a)pyrene
Concen: 42.812 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Tgt Ion:252 Resp: 436106
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.2 8.4 12.6





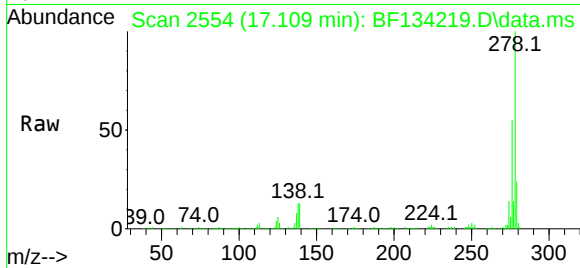
#91
Dibenzo(a,h)anthracene
Concen: 50.048 ng
RT: 17.109 min Scan# 2554
Delta R.T. -0.006 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32

Instrument :

BNA_F

ClientSampleId :

PB154060BS



Tgt Ion: 278 Resp: 508179
Ion Ratio Lower Upper
278 100
139 13.3 12.2 18.4
279 24.4 19.4 29.2

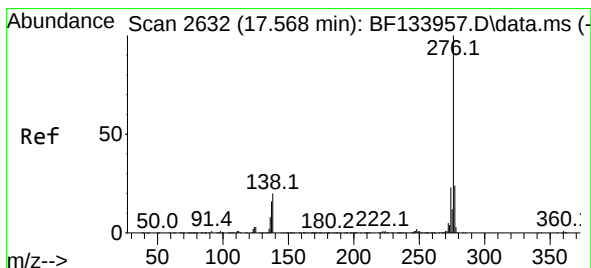
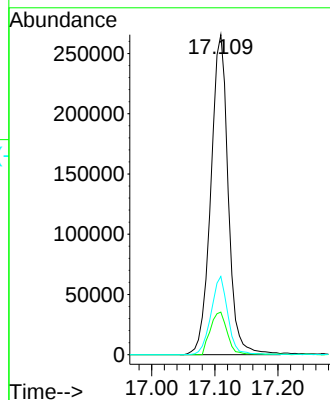
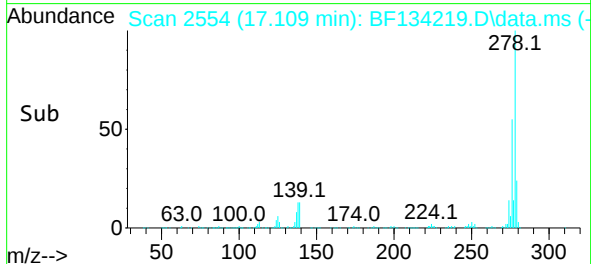
Manual Integrations

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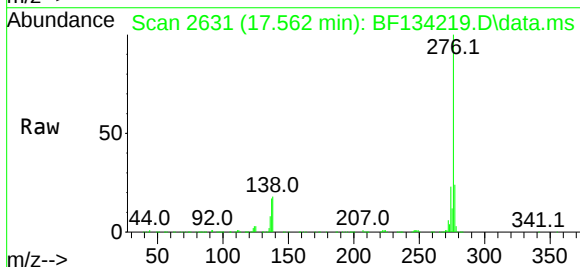
Reviewed By : Yogesh Patel 07/12/2023

Supervised By : mohammad ahmed 07/12/2023

Supervised By : mohammad
ahmed
07/12/2023



#92
Benzo(g,h,i)perylene
Concen: 48.816 ng
RT: 17.562 min Scan# 2631
Delta R.T. -0.006 min
Lab File: BF134219.D
Acq: 11 Jul 2023 18:32



Tgt Ion: 276 Resp: 511151
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.6
138 18.0 16.2 24.2

