

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134211.D
 Acq On : 11 Jul 2023 13:27
 Operator : CG\JU
 Sample : PB153791BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153791BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Jul 12 01:03:31 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							07/12/2023
1) 1,4-Dichlorobenzene-d4	6.845	152	116266	20.000	ng	0.00	Supervised By :mohammad Ahmed
21) Naphthalene-d8	8.128	136	463533	20.000	ng	0.00	
39) Acenaphthene-d10	9.886	164	229049	20.000	ng	0.00	
64) Phenanthrene-d10	11.380	188	449463	20.000	ng	0.00	
76) Chrysene-d12	14.039	240	192025	20.000	ng	0.00	
86) Perylene-d12	15.545	264	184695	20.000	ng	0.00	07/12/2023
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	887824	127.735	ng	0.01	
7) Phenol-d6	6.487	99	1107844	129.606	ng	0.00	
23) Nitrobenzene-d5	7.410	82	700753	81.492	ng	0.00	
42) 2,4,6-Tribromophenol	10.681	330	359153	125.061	ng	0.00	
45) 2-Fluorobiphenyl	9.204	172	1328988	84.358	ng	0.00	
79) Terphenyl-d14	12.974	244	1474909	123.617	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	93658	32.680	ng		98
3) Pyridine	3.475	79	230849	30.924	ng		98
4) n-Nitrosodimethylamine	3.434	42	164559	38.597	ng		99
6) Aniline	6.510	93	385299	37.043	ng		92
8) 2-Chlorophenol	6.634	128	328251	46.523	ng		95
9) Benzaldehyde	6.398	77	213717	47.977	ng		97
10) Phenol	6.504	94	406272	45.205	ng		84
11) bis(2-Chloroethyl)ether	6.587	93	298688	45.142	ng		94
12) 1,3-Dichlorobenzene	6.787	146	357634	47.544	ng		97
13) 1,4-Dichlorobenzene	6.863	146	347859	45.785	ng		98
14) 1,2-Dichlorobenzene	7.010	146	343282	48.244	ng		97
15) Benzyl Alcohol	6.993	79	287823	43.679	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	487046	41.608	ng		96
17) 2-Methylphenol	7.104	107	259283	41.038	ng		98
18) Hexachloroethane	7.351	117	130918	46.472	ng		96
19) n-Nitroso-di-n-propyla...	7.263	70	230696	42.558	ng		98
20) 3+4-Methylphenols	7.257	107	330675	43.141	ng		95
22) Acetophenone	7.257	105	449375	42.627	ng	#	98
24) Nitrobenzene	7.434	77	353998	40.738	ng		100
25) Isophorone	7.669	82	633862	40.559	ng		99
26) 2-Nitrophenol	7.745	139	186151	44.656	ng		98
27) 2,4-Dimethylphenol	7.781	122	267363	40.519	ng		96
28) bis(2-Chloroethoxy)met...	7.875	93	365988	40.444	ng		99
29) 2,4-Dichlorophenol	7.987	162	265954	40.646	ng		96
30) 1,2,4-Trichlorobenzene	8.069	180	289303	42.851	ng		100
31) Naphthalene	8.151	128	874923	39.076	ng		100
32) Benzoic acid	7.904	122	185639m	37.545	ng		
33) 4-Chloroaniline	8.198	127	172550	18.016	ng		98
34) Hexachlorobutadiene	8.257	225	182475	42.846	ng		98
35) Caprolactam	8.581	113	88366m	41.016	ng		
36) 4-Chloro-3-methylphenol	8.687	107	303825	41.334	ng		98
37) 2-Methylnaphthalene	8.839	142	625956	39.534	ng		99
38) 1-Methylnaphthalene	8.939	142	575275	39.083	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	300269	44.249	ng		98
41) Hexachlorocyclopentadiene	8.992	237	310589	96.475	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	186887	40.456	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.163	196	213806	39.347	ng	98	07/12/2023
46) 1,1'-Biphenyl	9.304	154	728035	39.624	ng	98	Supervised By :mohammad
47) 2-Chloronaphthalene	9.334	162	573667	42.673	ng	99	ahmed
48) 2-Nitroaniline	9.434	65	205809	42.007	ng	90	
49) Acenaphthylene	9.745	152	964368	41.994	ng	100	
50) Dimethylphthalate	9.610	163	694919	41.795	ng	100	
51) 2,6-Dinitrotoluene	9.675	165	156520	43.707	ng	95	07/12/2023
52) Acenaphthene	9.922	154	563021	42.252	ng	98	
53) 3-Nitroaniline	9.845	138	136267	31.718	ng	97	
54) 2,4-Dinitrophenol	9.957	184	156625	75.939	ng	95	
55) Dibenzofuran	10.092	168	764802	36.725	ng	100	
56) 4-Nitrophenol	10.016	139	243064	80.884	ng	98	
57) 2,4-Dinitrotoluene	10.086	165	184075	38.922	ng	98	
58) Fluorene	10.439	166	688750	42.511	ng	98	
59) 2,3,4,6-Tetrachlorophenol	10.216	232	184489	43.043	ng	98	
60) Diethylphthalate	10.310	149	717032	41.393	ng	99	
61) 4-Chlorophenyl-phenyle...	10.428	204	327509	41.946	ng	99	
62) 4-Nitroaniline	10.469	138	177841	41.075	ng	95	
63) Azobenzene	10.592	77	677826	41.367	ng	98	
65) 4,6-Dinitro-2-methylph...	10.498	198	114183	46.597	ng	98	
66) n-Nitrosodiphenylamine	10.551	169	607467	42.301	ng	99	
67) 4-Bromophenyl-phenylether	10.922	248	205018	42.915	ng	97	
68) Hexachlorobenzene	10.986	284	239283	47.174	ng	98	
69) Atrazine	11.080	200	201139	50.636	ng	98	
70) Pentachlorophenol	11.186	266	222082	73.226	ng	98	
71) Phenanthrene	11.404	178	992544	43.866	ng	99	
72) Anthracene	11.457	178	1016446	43.190	ng	99	
73) Carbazole	11.616	167	959883	44.560	ng	99	
74) Di-n-butylphthalate	11.945	149	1080506	42.180	ng	99	
75) Fluoranthene	12.604	202	1024130	41.867	ng	99	
77) Benzidine	12.727	184	374097	81.875	ng	99	
78) Pyrene	12.833	202	1031365	57.713	ng	100	
80) Butylbenzylphthalate	13.457	149	365710	54.565	ng	97	
81) Benzo(a)anthracene	14.033	228	584434	43.885	ng	99	
82) 3,3'-Dichlorobenzidine	13.992	252	140782	33.367	ng	#	99
83) Chrysene	14.069	228	543948	42.171	ng	99	
84) Bis(2-ethylhexyl)phtha...	14.016	149	334655	43.454	ng	99	
85) Di-n-octyl phthalate	14.639	149	480392	42.452	ng	98	
87) Indeno(1,2,3-cd)pyrene	17.098	276	632223	49.331	ng	97	
88) Benzo(b)fluoranthene	15.104	252	482201	44.401	ng	98	
89) Benzo(k)fluoranthene	15.133	252	480894	43.491	ng	98	
90) Benzo(a)pyrene	15.480	252	440549	41.950	ng	99	
91) Dibenzo(a,h)anthracene	17.115	278	515428	49.239	ng	97	
92) Benzo(g,h,i)perylene	17.574	276	522165	48.371	ng	95	

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

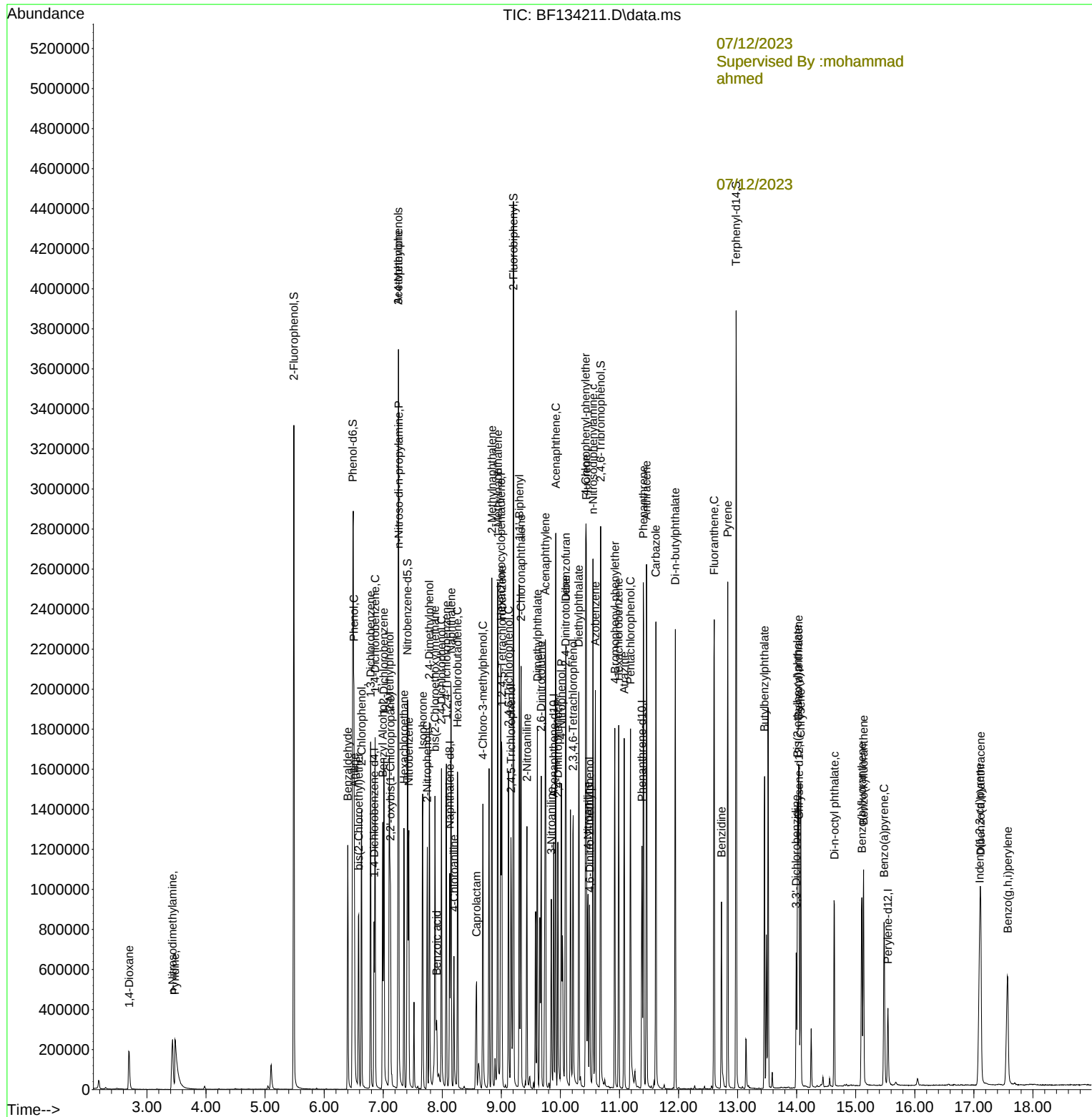
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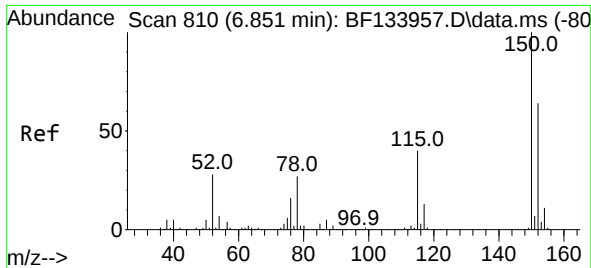
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134211.D
 Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

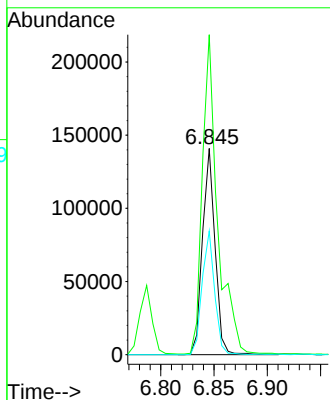
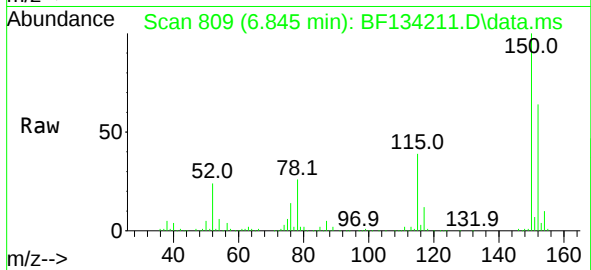
ClientSampleId :

PB153791BS

Tgt Ion:152 Resp: 116260
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.5 186.7
 115 60.0 50.2 75.2

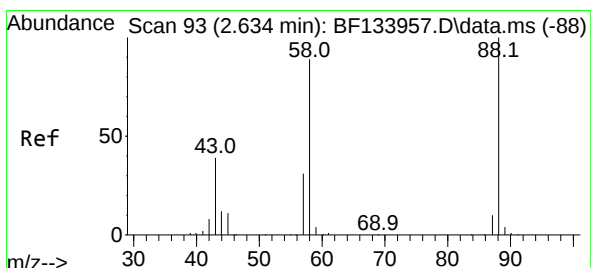
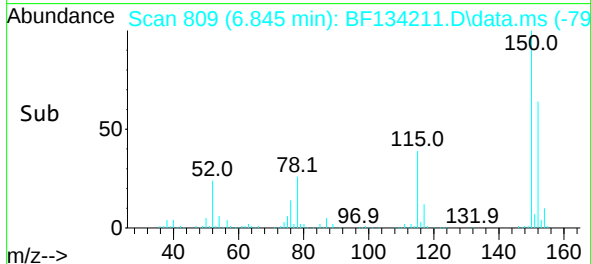
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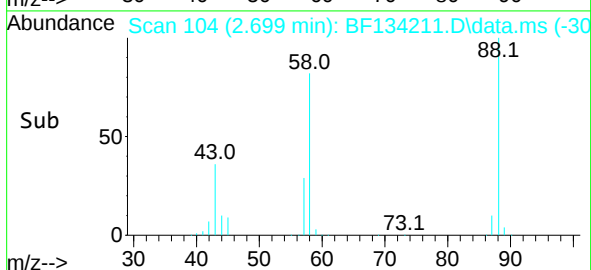
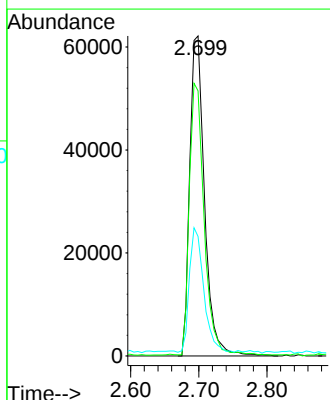
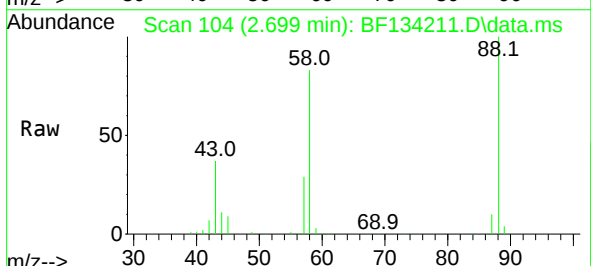
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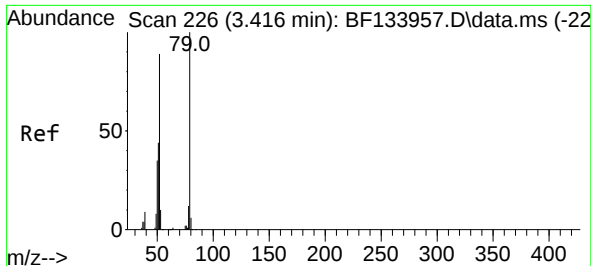
07/12/2023



#2
 1,4-Dioxane
 Concen: 32.680 ng
 RT: 2.699 min Scan# 104
 Delta R.T. 0.082 min
 Lab File: BF134211.D
 Acq: 11 Jul 2023 13:27

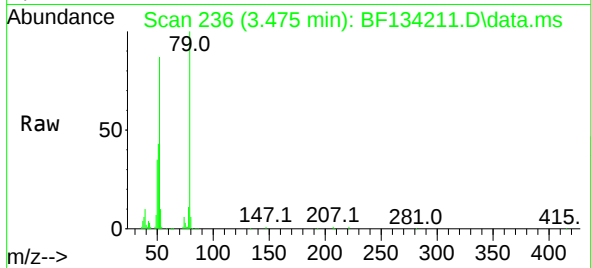
Tgt Ion: 88 Resp: 93658
 Ion Ratio Lower Upper
 88 100
 58 84.5 68.8 103.2
 43 37.5 30.7 46.1





#3
Pyridine
Concen: 30.924 ng
RT: 3.475 min Scan# 21
Delta R.T. 0.077 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

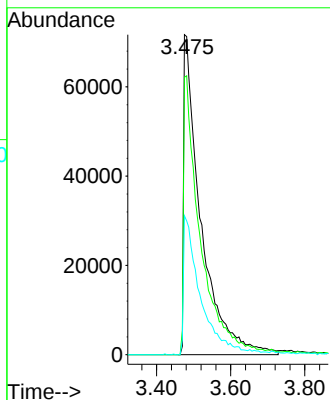
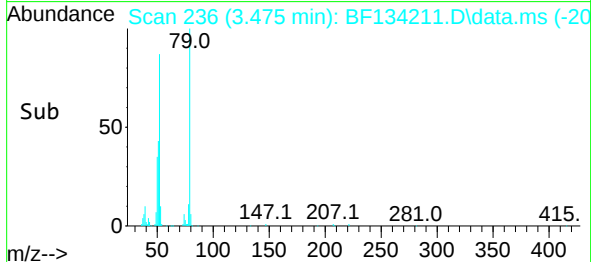
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Tgt Ion: 79 Resp: 230849
Ion Ratio Lower Upper
79 100
52 86.7 71.1 106.7
51 43.4 35.2 52.8

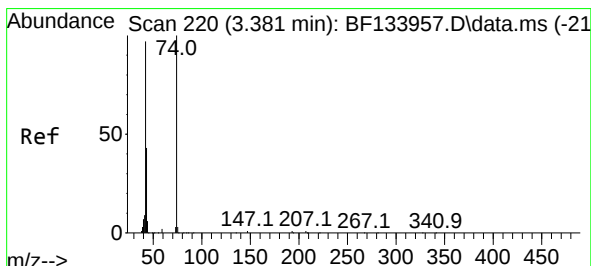
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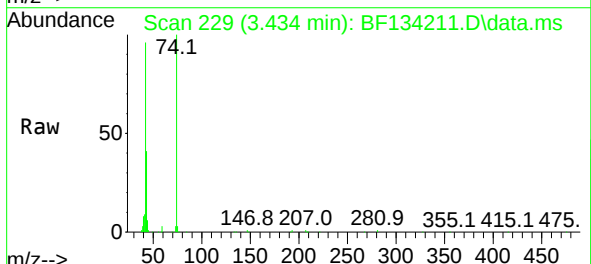


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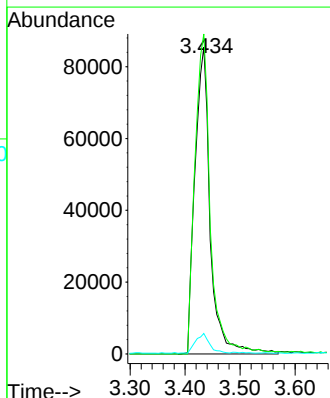
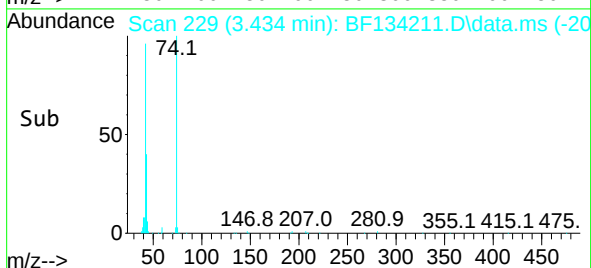
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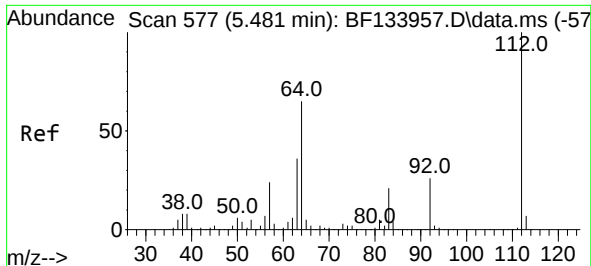


#4
n-Nitrosodimethylamine
Concen: 38.597 ng
RT: 3.434 min Scan# 229
Delta R.T. 0.071 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27



Tgt Ion: 42 Resp: 164559
Ion Ratio Lower Upper
42 100
74 104.3 82.4 123.6
44 6.7 4.9 7.3





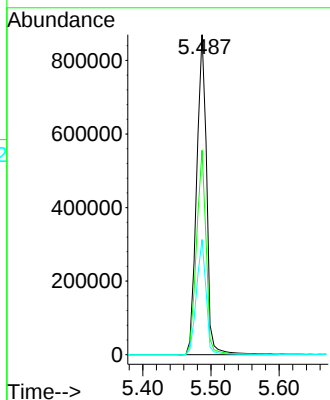
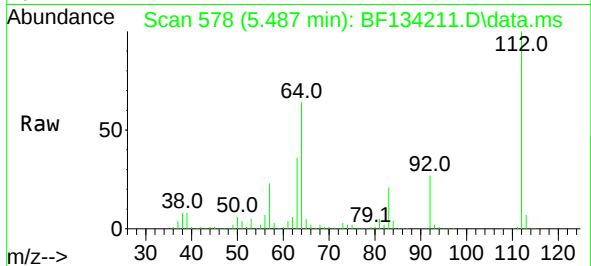
#5
2-Fluorophenol
Concen: 127.735 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Instrument :
BNA_F
ClientSampleId :
PB153791BS

Tgt Ion:112 Resp: 887824
Ion Ratio Lower Upper
112 100
64 63.9 52.1 78.1
63 36.0 28.6 42.8

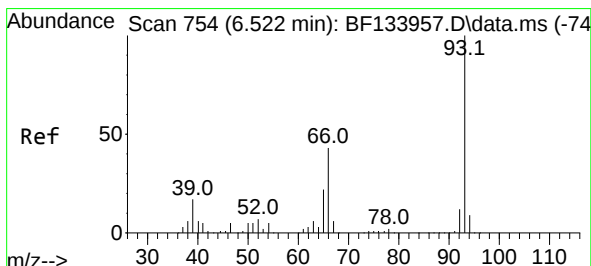
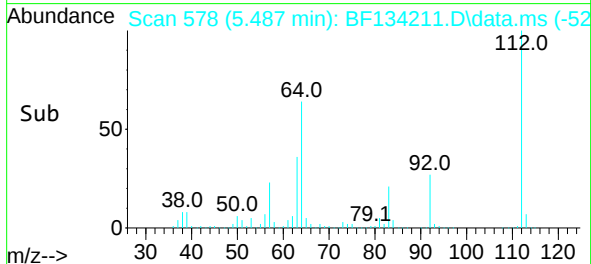
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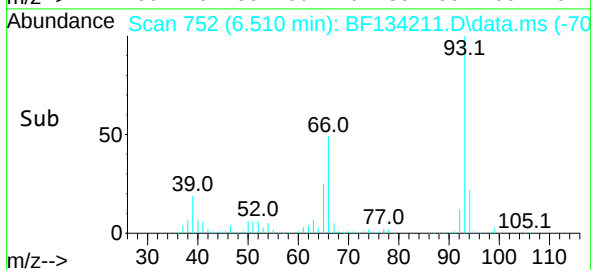
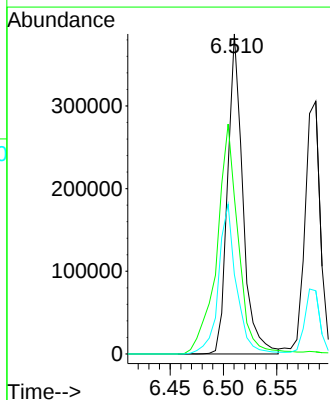
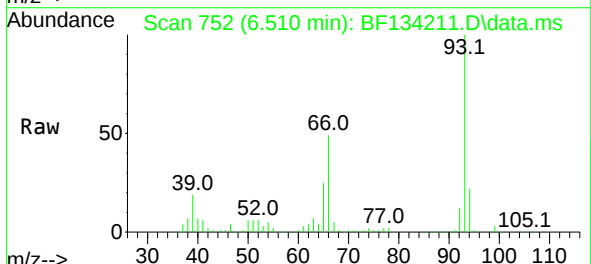
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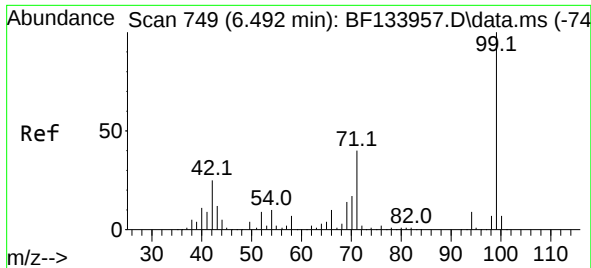
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#6
Aniline
Concen: 37.043 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

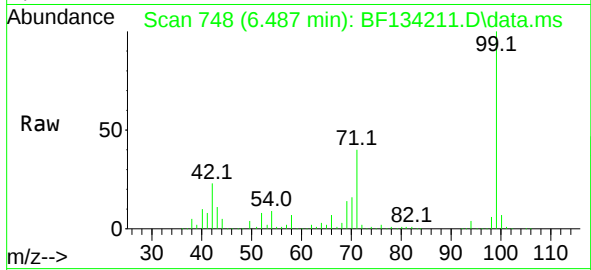
Tgt Ion: 93 Resp: 385299
Ion Ratio Lower Upper
93 100
66 48.9 34.5 51.7
65 24.8 17.8 26.6





#7
Phenol-d6
Concen: 129.606 ng
RT: 6.487 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

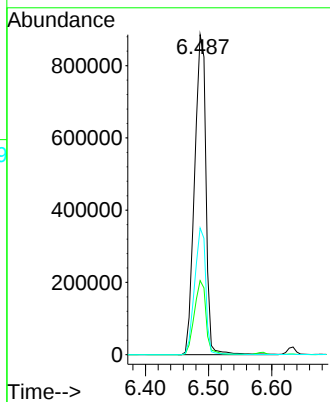
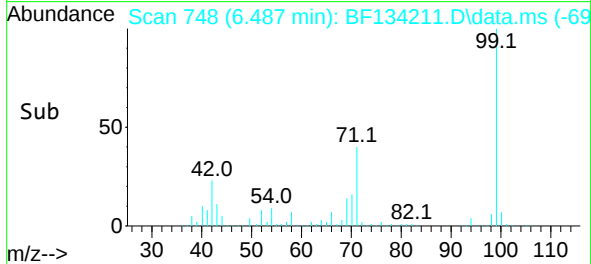
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Tgt Ion: 99 Resp: 1107844
Ion Ratio Lower Upper
99 100
42 23.1 19.8 29.6
71 39.6 31.9 47.9

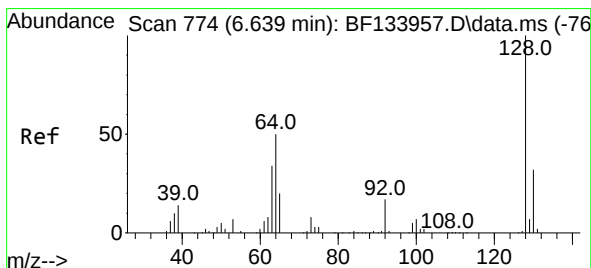
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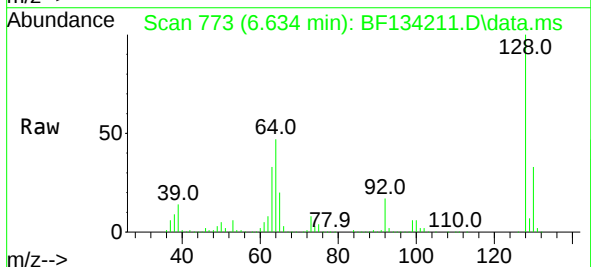


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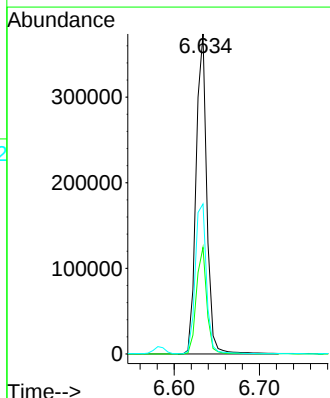
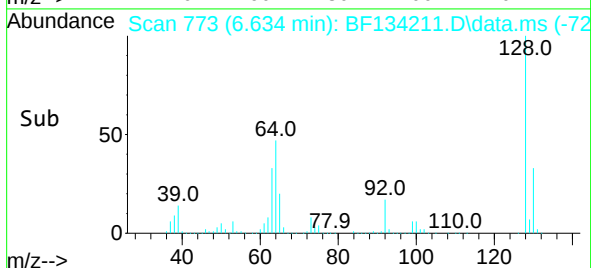
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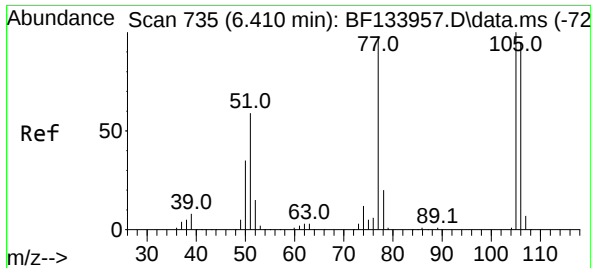


#8
2-Chlorophenol
Concen: 46.523 ng
RT: 6.634 min Scan# 773
Delta R.T. 0.000 min
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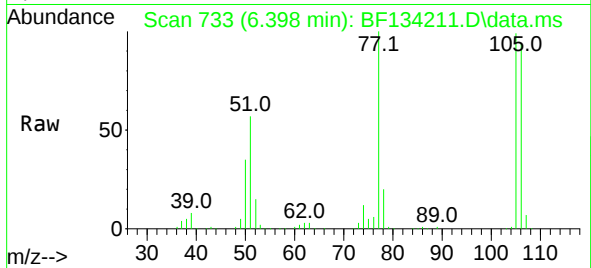
Tgt Ion:128 Resp: 328251
Ion Ratio Lower Upper
128 100
130 33.3 11.7 51.7
64 46.9 31.3 71.3





#9
Benzaldehyde
Concen: 47.977 ng
RT: 6.398 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF134211.D
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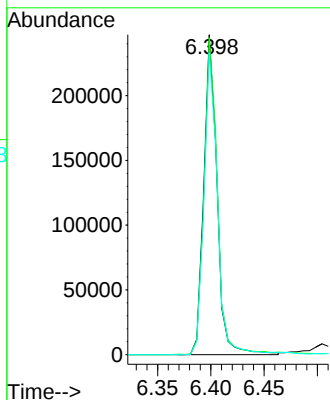
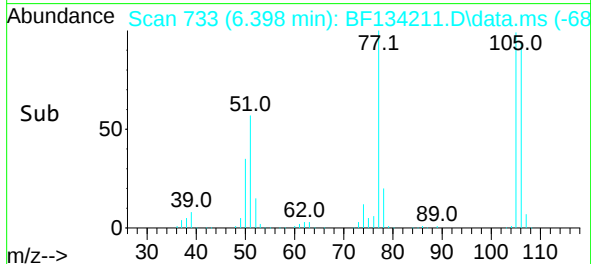
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Tgt Ion: 77 Resp: 21371
Ion Ratio Lower Upper
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105 99.0 82.0 122.0
106 94.4 76.9 116.9

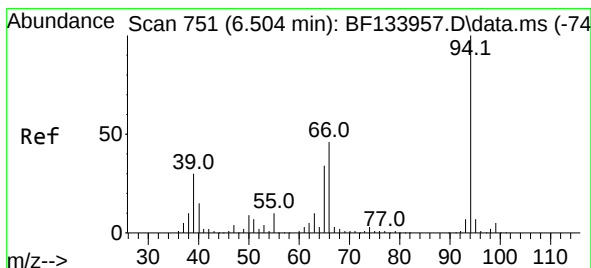
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Reviewed By :Yogesh
Patel



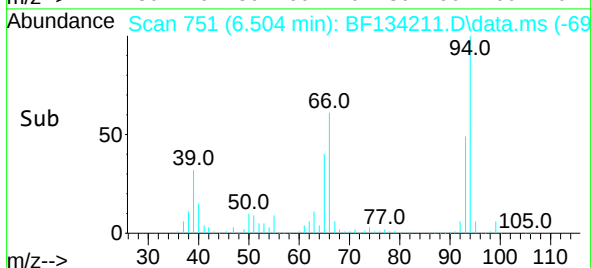
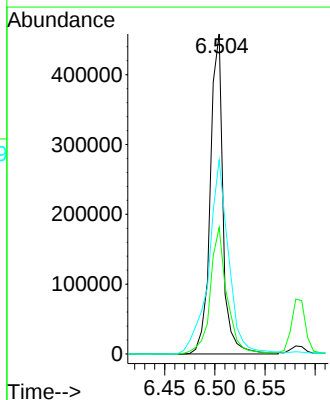
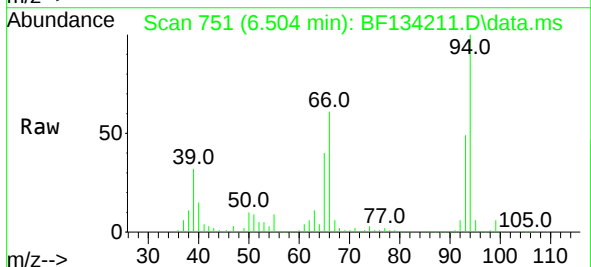
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Supervised By :mohammad
ahmed

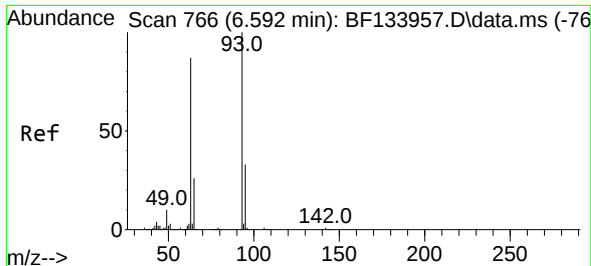
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#10
Phenol
Concen: 45.205 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

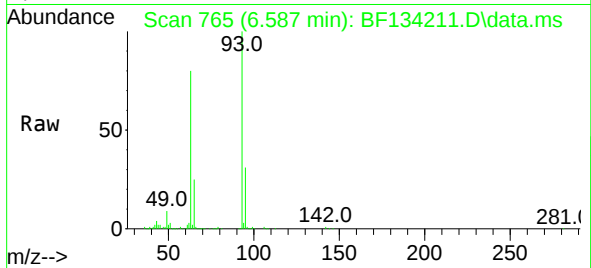
Tgt Ion: 94 Resp: 406272
Ion Ratio Lower Upper
94 100
65 39.5 14.2 54.2
66 60.7 26.4 66.4





#11
bis(2-Chloroethyl)ether
Concen: 45.142 ng
RT: 6.587 min Scan# 701
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

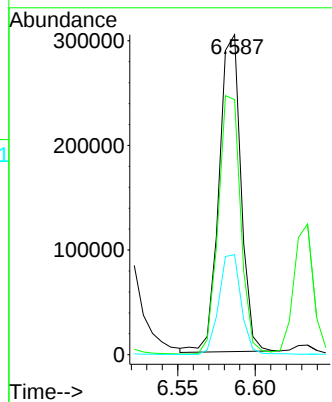
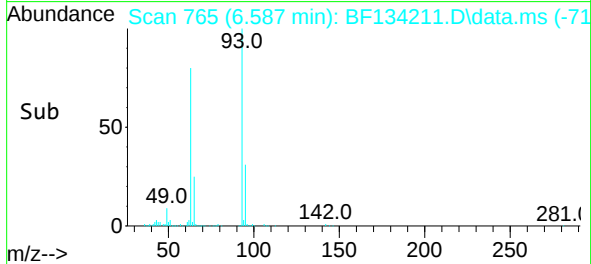
Instrument :
BNA_F
ClientSampleId :
PB153791BS



Tgt Ion: 93 Resp: 298688
Ion Ratio Lower Upper
93 100
63 79.7 66.5 106.5
95 31.3 12.9 52.9

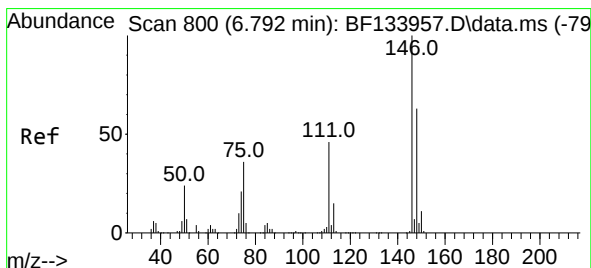
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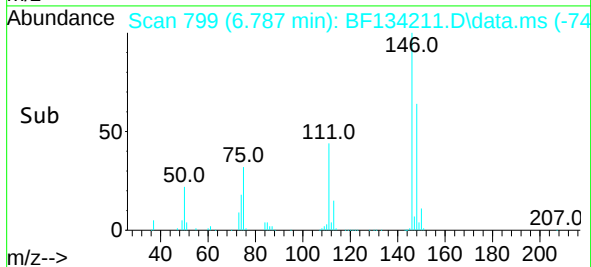
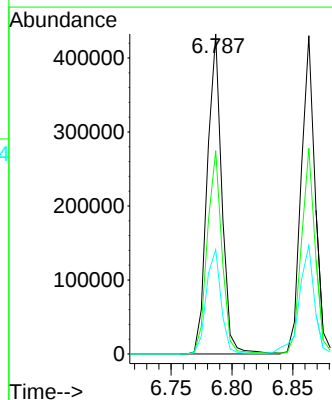
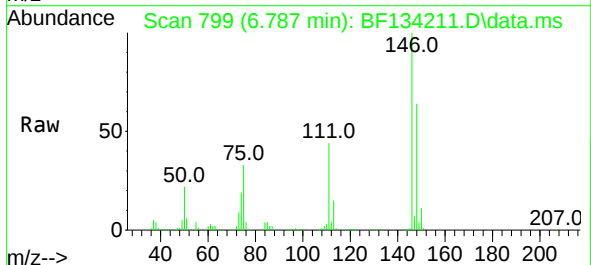
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Supervised By :mohammad
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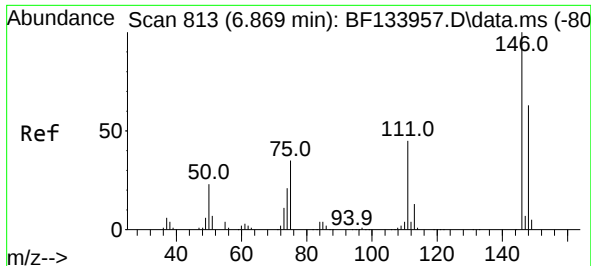
07/12/2023



#12
1,3-Dichlorobenzene
Concen: 47.544 ng
RT: 6.787 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:146 Resp: 357634
Ion Ratio Lower Upper
146 100
148 63.5 50.5 75.7
75 32.6 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 45.785 ng

RT: 6.863 min Scan# 813

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

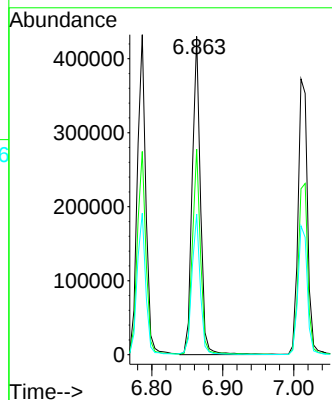
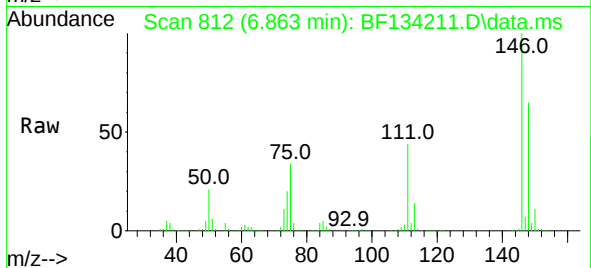
ClientSampleId :

PB153791BS

Tgt Ion:146 Resp: 347859
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.2 75.2
 111 44.2 35.8 53.6

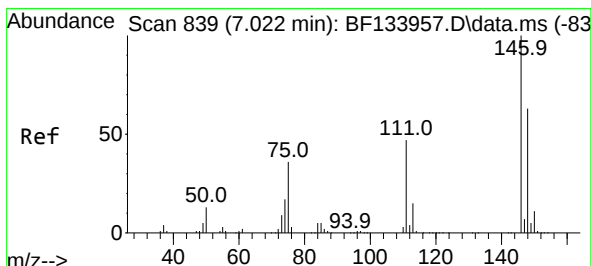
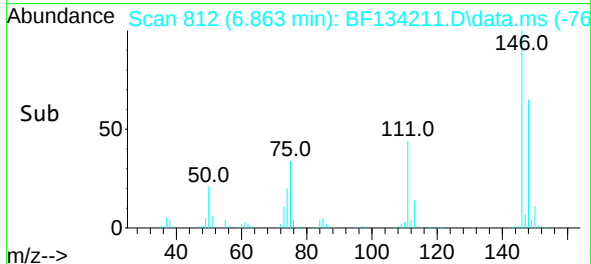
Manual Integrations
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 ahmed

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#14

1,2-Dichlorobenzene

Concen: 48.244 ng

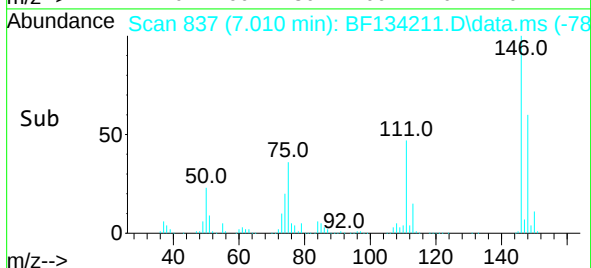
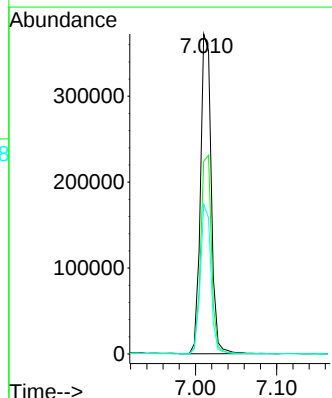
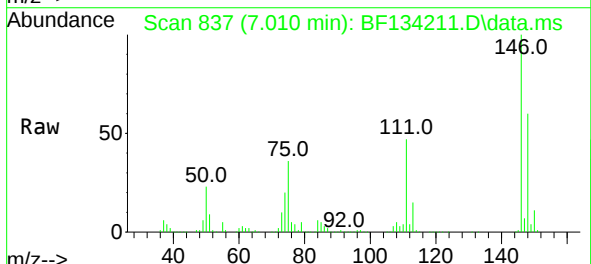
RT: 7.010 min Scan# 837

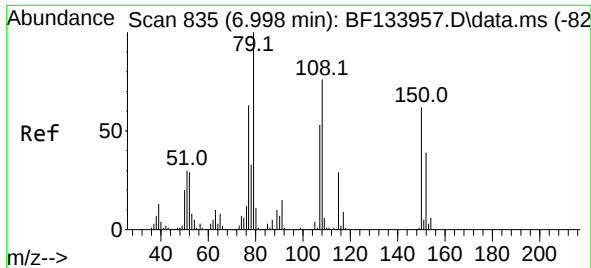
Delta R.T. -0.006 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

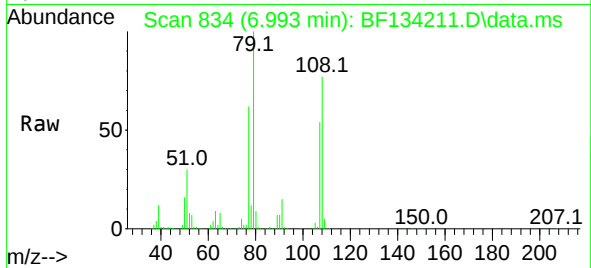
Tgt Ion:146 Resp: 343282
 Ion Ratio Lower Upper
 146 100
 148 60.2 50.6 76.0
 111 46.8 38.0 57.0





#15
Benzyl Alcohol
Concen: 43.679 ng
RT: 6.993 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

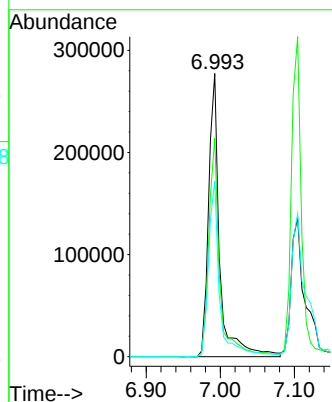
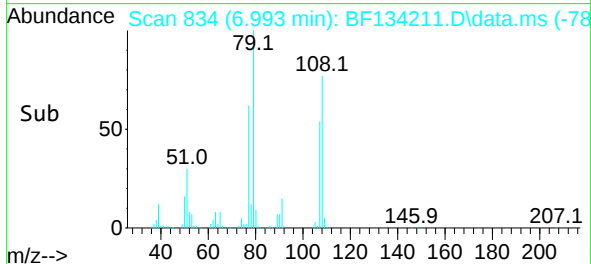
Instrument :
BNA_F
ClientSampleId :
PB153791BS



Tgt Ion: 79 Resp: 28782
Ion Ratio Lower Upper
79 100
108 77.2 60.7 91.1
77 61.9 50.6 75.8

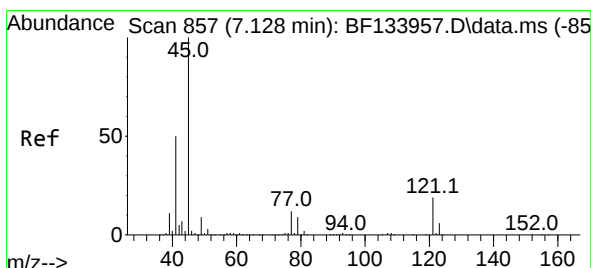
Manual Integrations
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Reviewed By :Yogesh
Patel



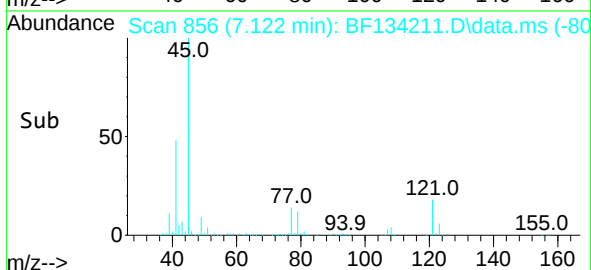
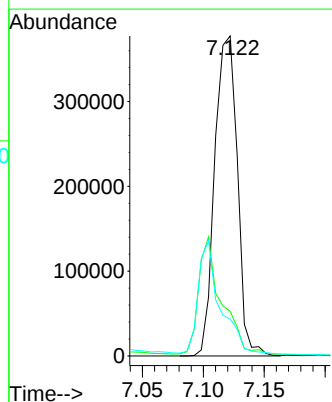
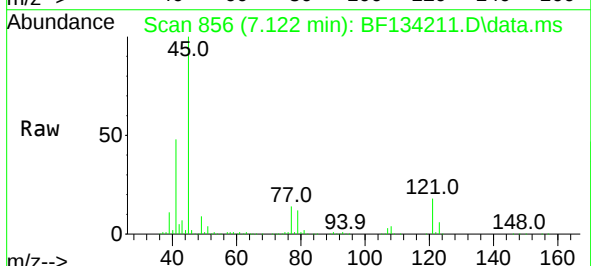
07/12/2023
Supervised By :mohammad
ahmed

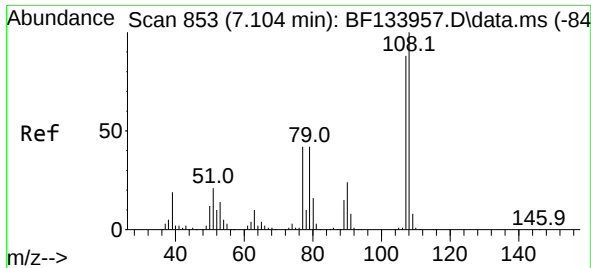
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.608 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

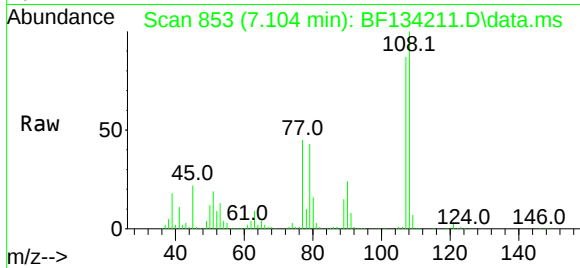
Tgt Ion: 45 Resp: 487046
Ion Ratio Lower Upper
45 100
77 13.9 0.0 32.9
79 11.6 0.0 29.5





#17
2-Methylphenol
Concen: 41.038 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

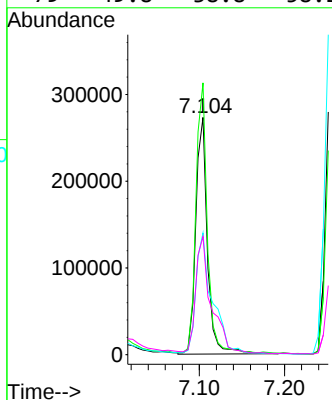
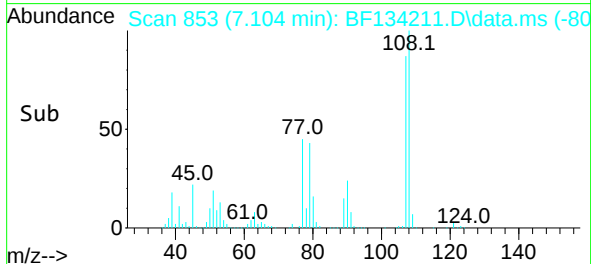
Instrument :
BNA_F
ClientSampleId :
PB153791BS



Tgt Ion:107 Resp: 25928
Ion Ratio Lower Upper
107 100
108 114.6 90.6 136.0
77 51.3 38.3 57.5
79 49.8 38.8 58.2

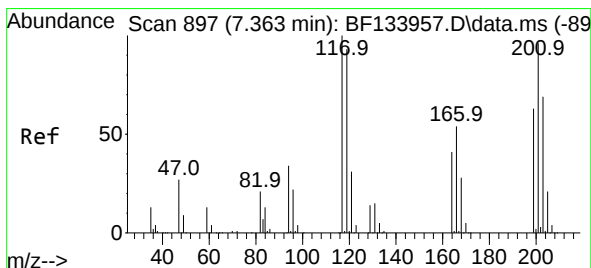
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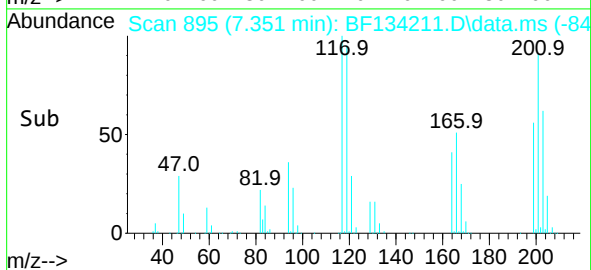
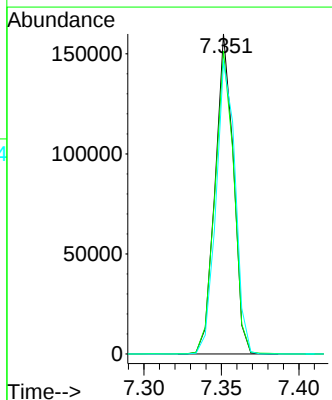
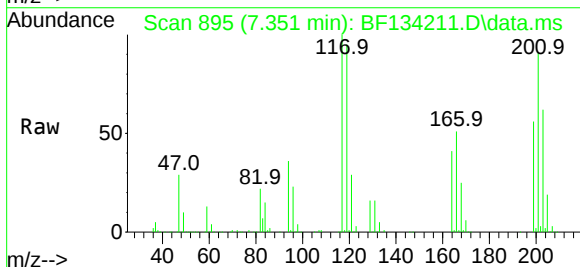
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Supervised By :mohammad
ahmed

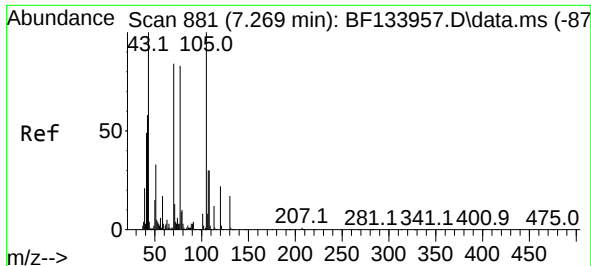
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#18
Hexachloroethane
Concen: 46.472 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:117 Resp: 130918
Ion Ratio Lower Upper
117 100
119 94.7 74.2 111.4
201 91.2 77.2 115.8





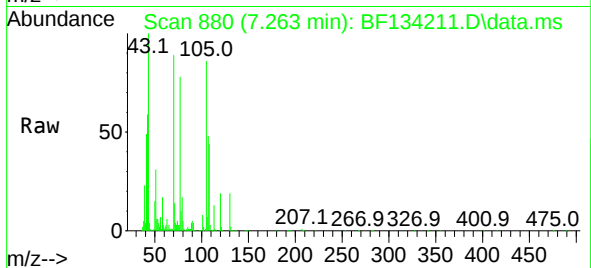
#19
n-Nitroso-di-n-propylamine
Concen: 42.558 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

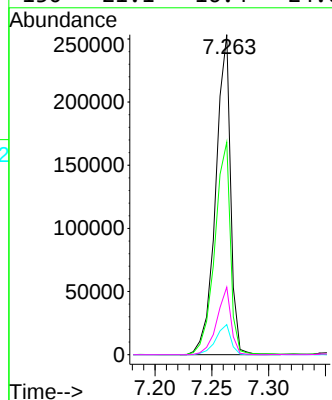
PB153791BS



Tgt Ion: 70 Resp: 230690
Ion Ratio Lower Upper
70 100
42 66.4 54.7 82.1
101 9.4 7.7 11.5
130 21.1 16.4 24.6

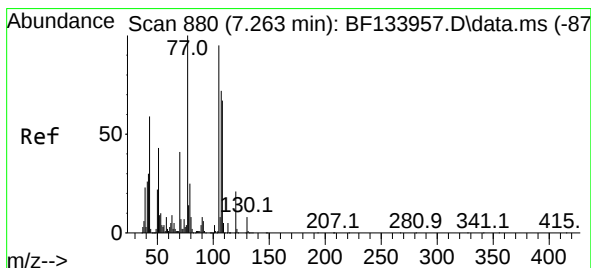
Manual Integrations
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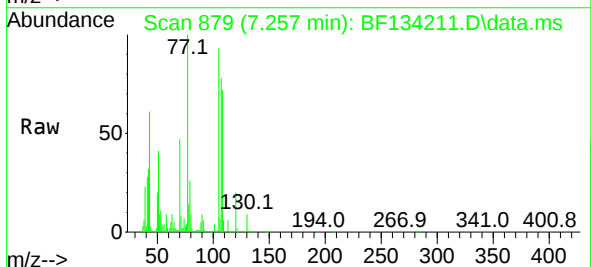


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ahmed

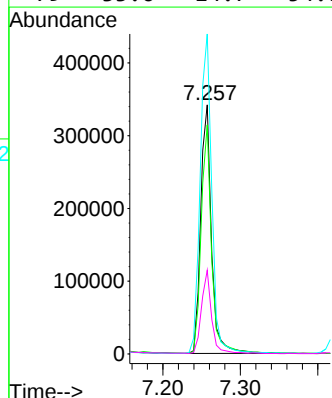
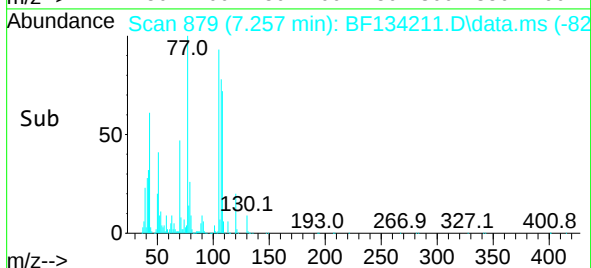
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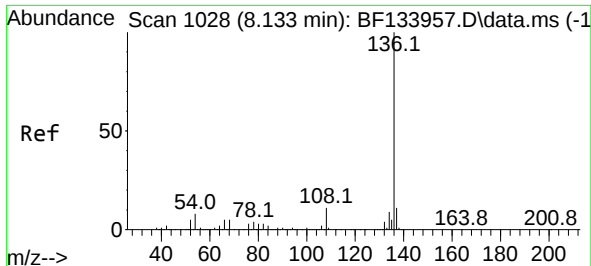


#20
3+4-Methylphenols
Concen: 43.141 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27



Tgt Ion:107 Resp: 330675
Ion Ratio Lower Upper
107 100
108 92.0 73.2 113.2
77 128.5 118.3 158.3
79 33.6 14.7 54.7





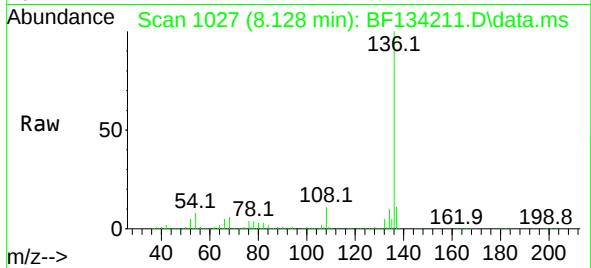
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

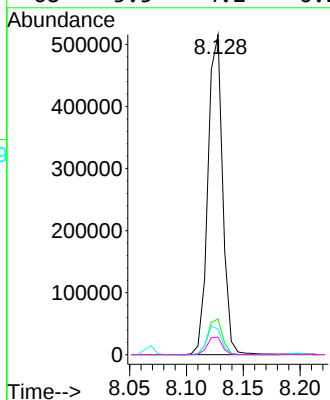
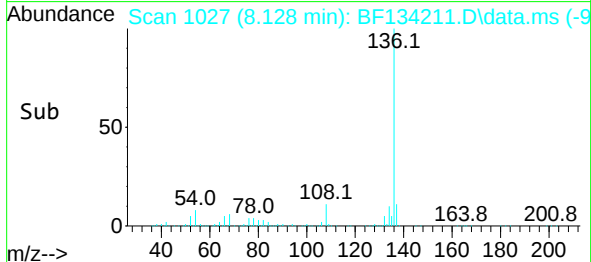
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Tgt Ion:136 Resp: 46353
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 8.1 6.5 9.7
68 5.5 4.2 6.2

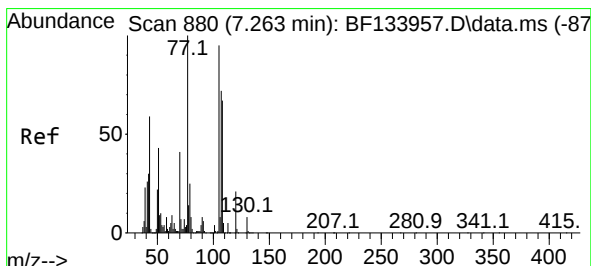
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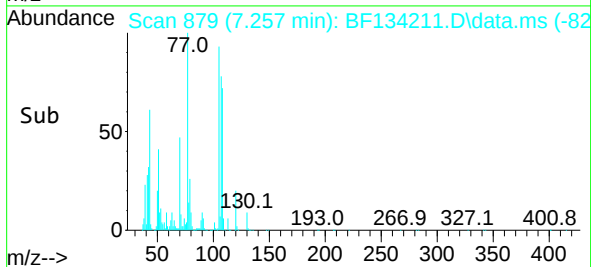
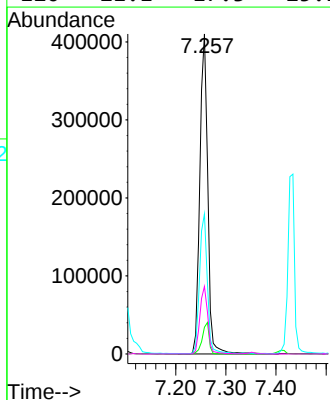
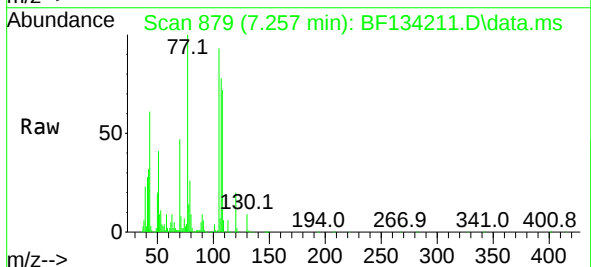
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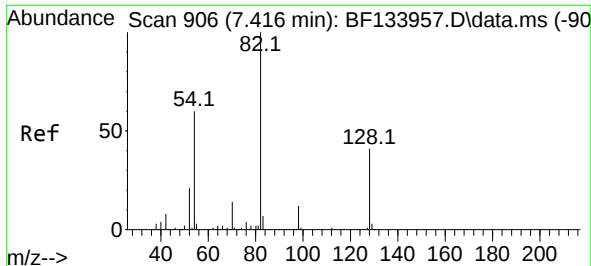
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#22
Acetophenone
Concen: 42.627 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:105 Resp: 449375
Ion Ratio Lower Upper
105 100
71 8.3 5.5 8.3#
51 43.8 36.5 54.7
120 21.1 17.3 25.9





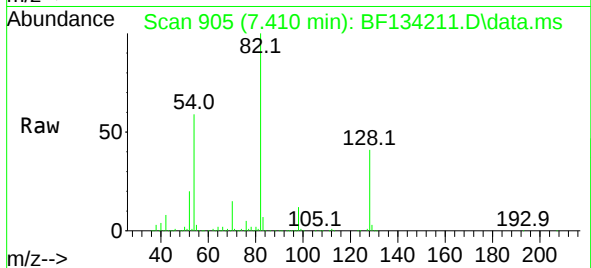
#23
Nitrobenzene-d5
Concen: 81.492 ng
RT: 7.410 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

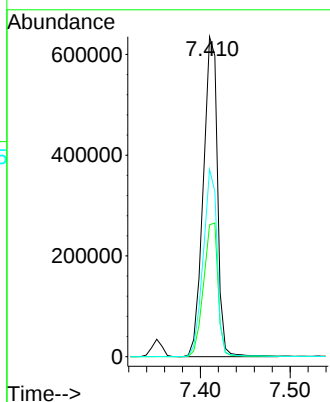
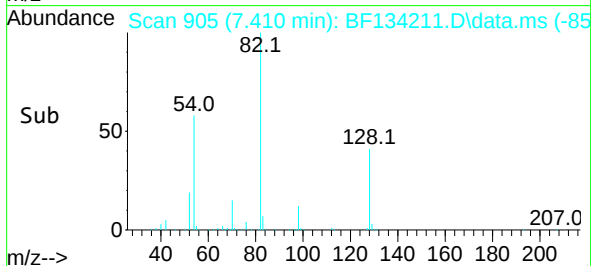
PB153791BS



Tgt Ion: 82 Resp: 70075
Ion Ratio Lower Upper
82 100
128 41.2 32.5 48.7
54 58.6 48.2 72.2

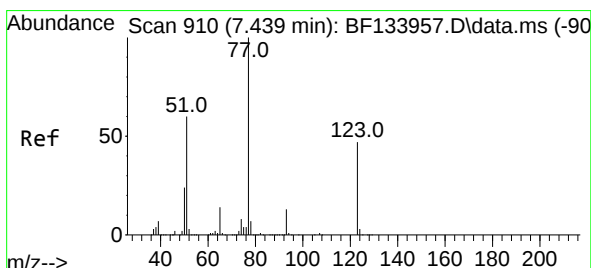
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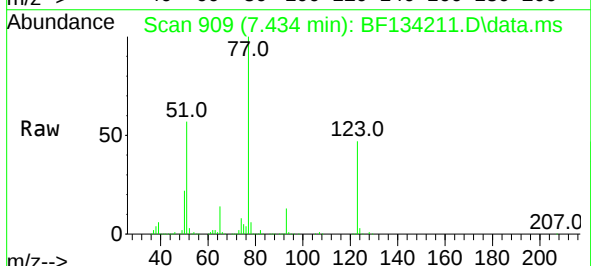


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Supervised By :mohammad
ahmed

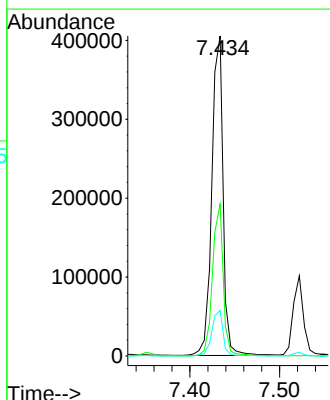
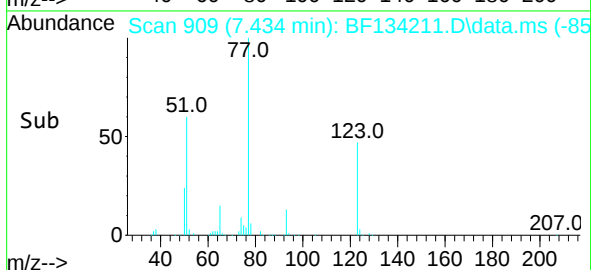
07/12/2023

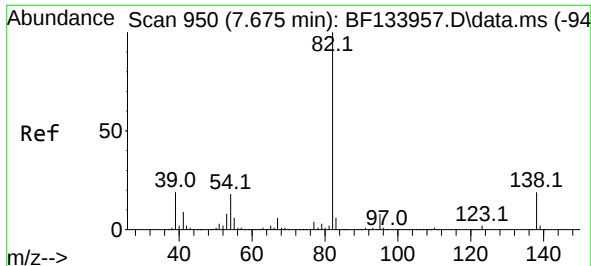


#24
Nitrobenzene
Concen: 40.738 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27



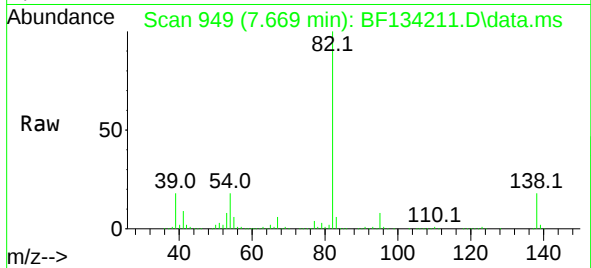
Tgt Ion: 77 Resp: 353998
Ion Ratio Lower Upper
77 100
123 47.5 37.8 56.6
65 14.2 11.3 16.9





#25
Isophorone
Concen: 40.559 ng
RT: 7.669 min Scan# 949
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

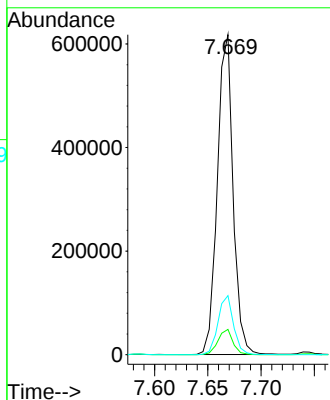
Instrument :
BNA_F
ClientSampleId :
PB153791BS



Tgt Ion: 82 Resp: 633862
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 18.4 15.2 22.8

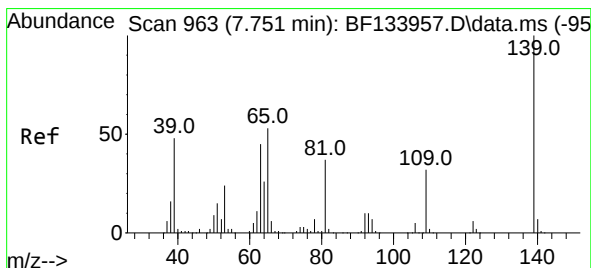
Manual Integrations
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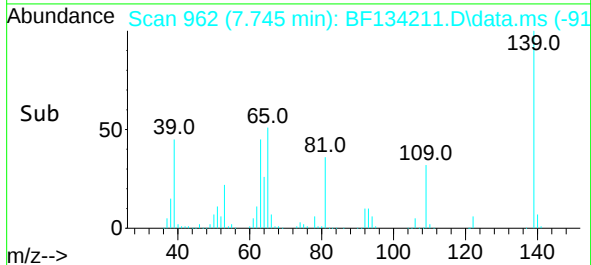
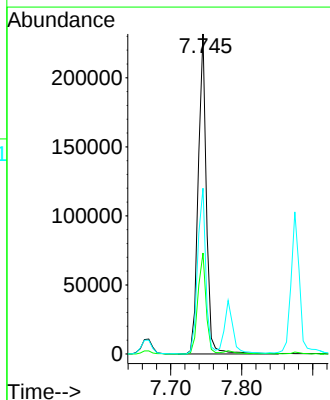
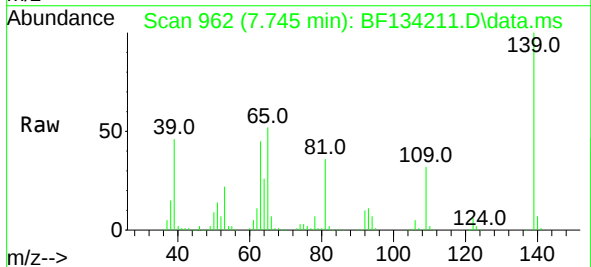
07/12/2023
Supervised By :mohammad
ahmed

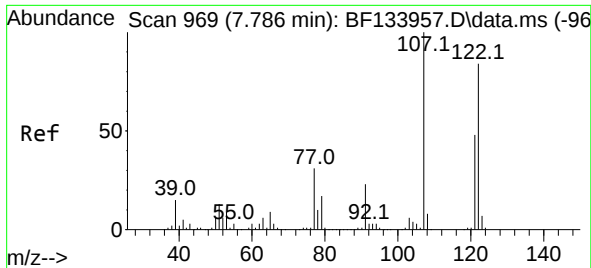
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#26
2-Nitrophenol
Concen: 44.656 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:139 Resp: 186151
Ion Ratio Lower Upper
139 100
109 31.5 25.8 38.8
65 51.8 42.4 63.6





#27
2,4-Dimethylphenol
Concen: 40.519 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

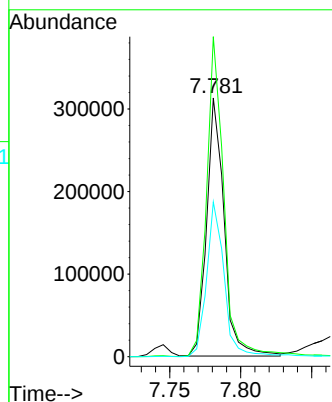
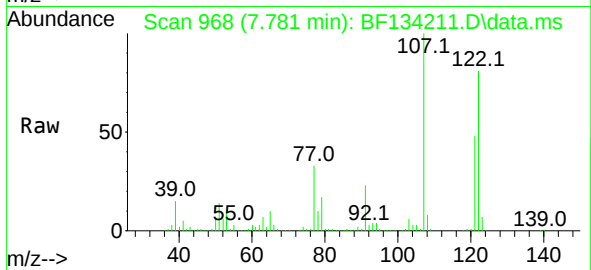
ClientSampleId :

PB153791BS

Tgt Ion:122 Resp: 26736
Ion Ratio Lower Upper
122 100
107 123.7 95.5 143.3
121 59.8 45.5 68.3

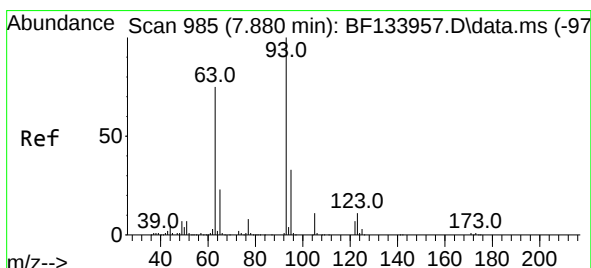
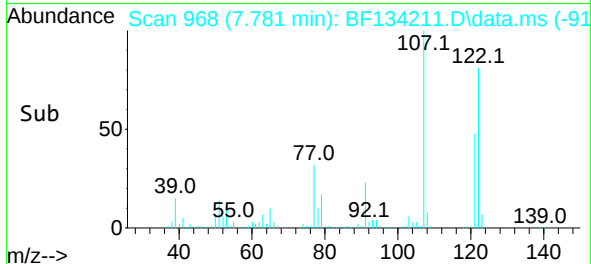
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



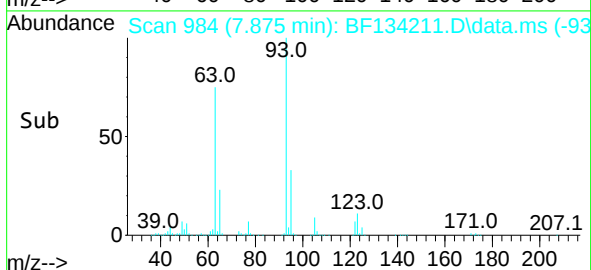
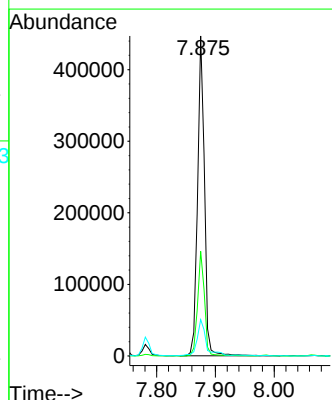
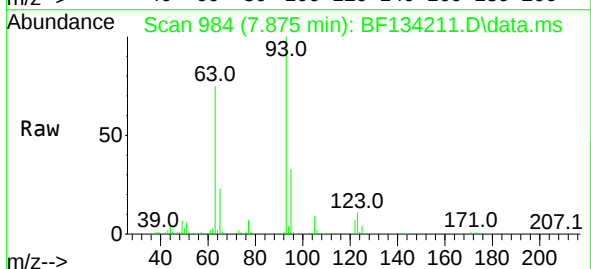
07/12/2023
Supervised By :mohammad
ahmed

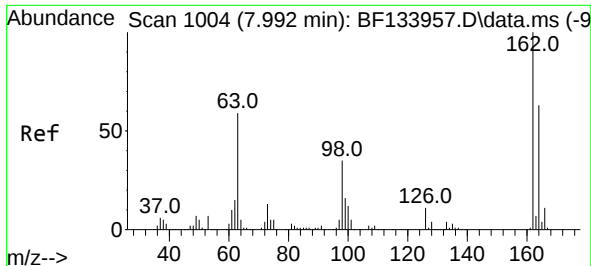
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#28
bis(2-Chloroethoxy)methane
Concen: 40.444 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion: 93 Resp: 365988
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.646 ng

RT: 7.987 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF134211.D

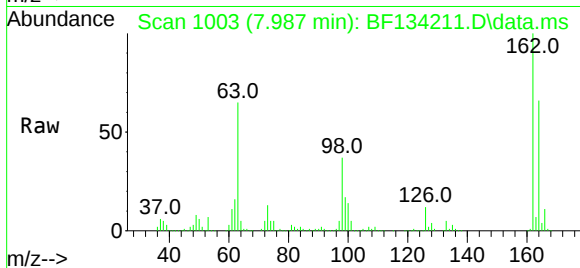
Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

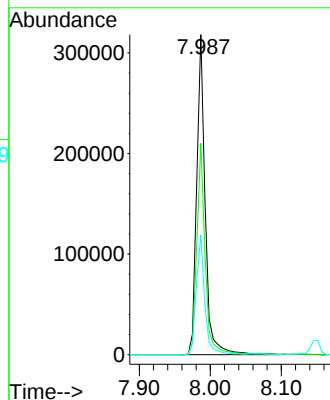
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Tgt Ion:162	Resp: 265954
Ion Ratio	Lower Upper
162 100	
164 66.0	43.2 83.2
98 37.3	14.9 54.9

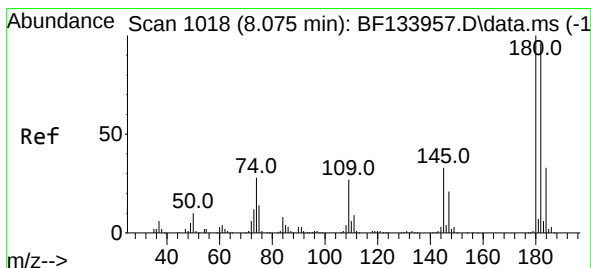
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

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#30

1,2,4-Trichlorobenzene

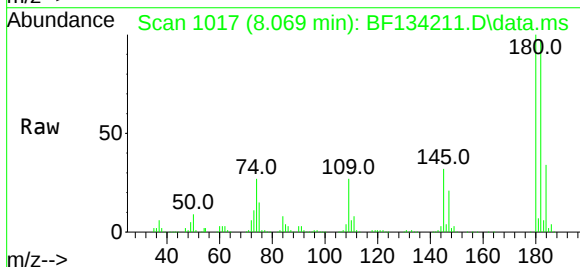
Concen: 42.851 ng

RT: 8.069 min Scan# 1017

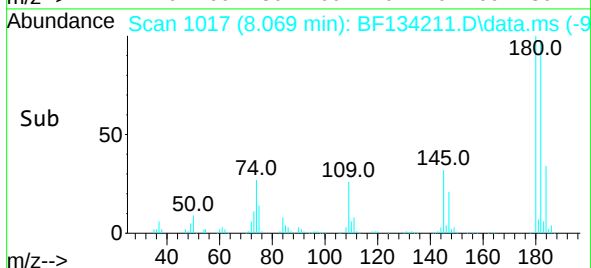
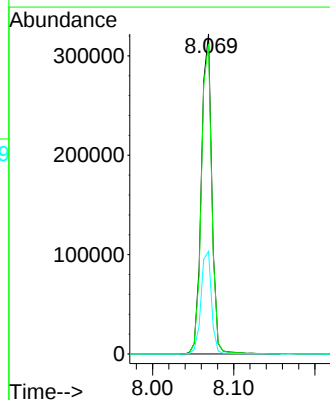
Delta R.T. 0.000 min

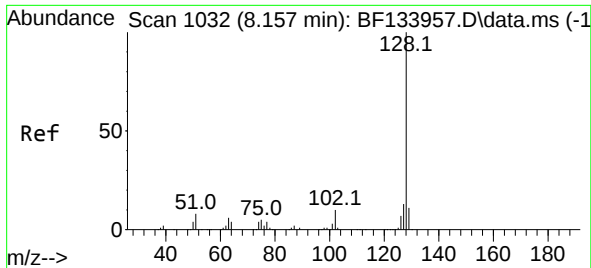
Lab File: BF134211.D

Acq: 11 Jul 2023 13:27



Tgt Ion:180	Resp: 289303
Ion Ratio	Lower Upper
180 100	
182 96.7	77.1 115.7
145 32.0	26.0 39.0





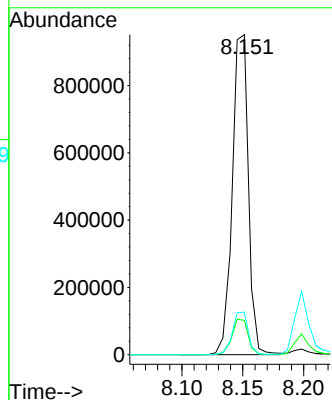
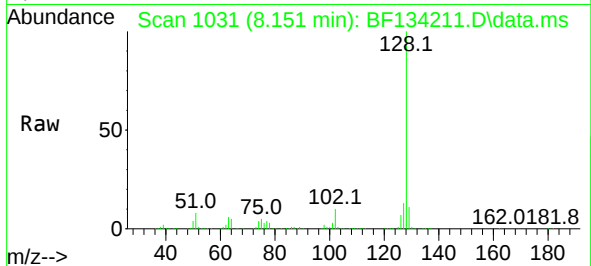
#31
Naphthalene
Concen: 39.076 ng
RT: 8.151 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Instrument :
BNA_F
ClientSampleId :
PB153791BS

Tgt Ion:128 Resp: 87492
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.3 10.6 15.8

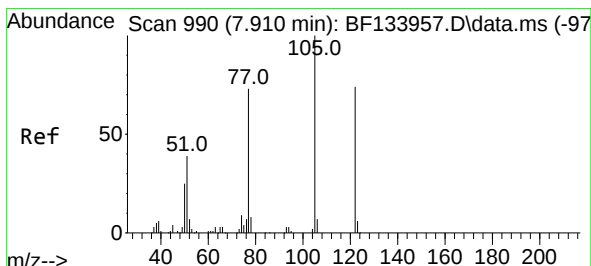
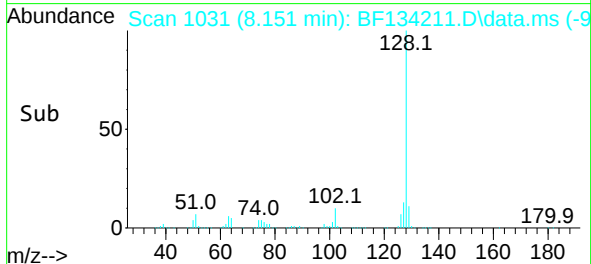
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



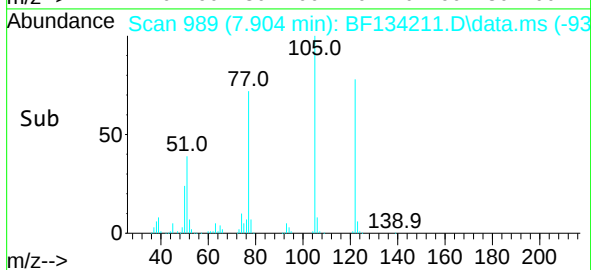
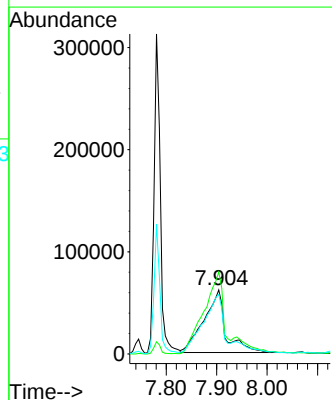
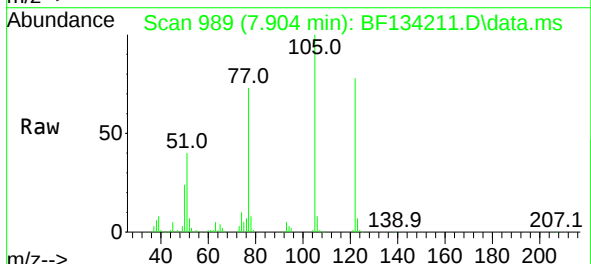
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Supervised By :mohammad
ahmed

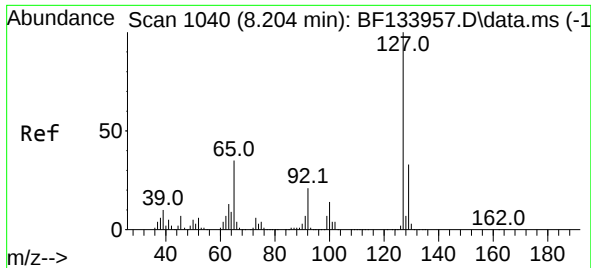
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#32
Benzoic acid
Concen: 37.545 ng m
RT: 7.904 min Scan# 989
Delta R.T. 0.012 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:122 Resp: 185639
Ion Ratio Lower Upper
122 100
105 127.9 109.7 149.7
77 93.1 76.0 116.0





#33
4-Chloroaniline
Concen: 18.016 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

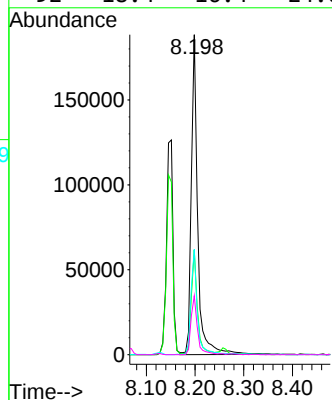
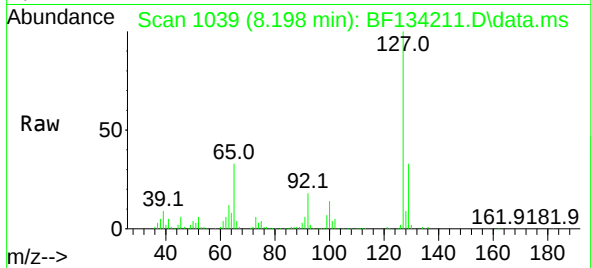
ClientSampleId :

PB153791BS

Tgt Ion:127 Resp: 172550
Ion Ratio Lower Upper
127 100
129 32.8 26.4 39.6
65 32.9 27.8 41.8
92 18.4 16.4 24.6

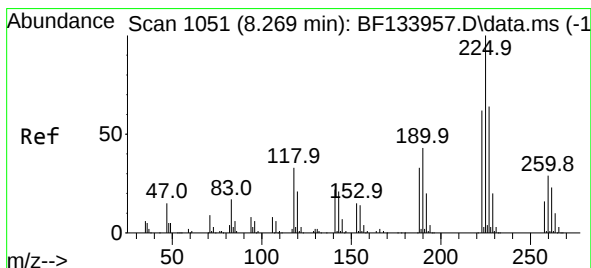
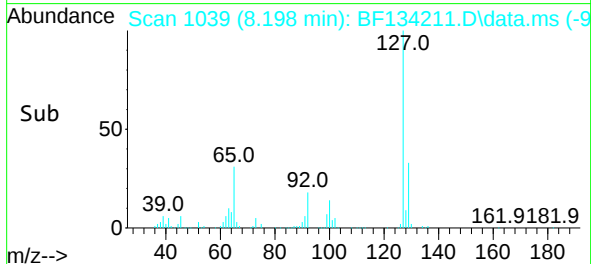
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Reviewed By :Yogesh
Patel



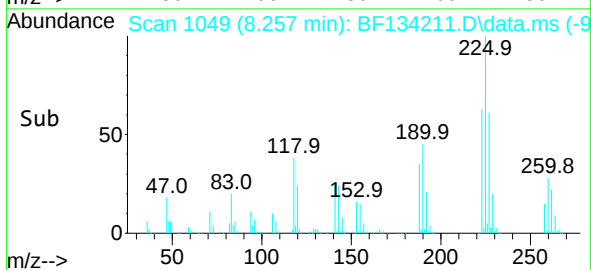
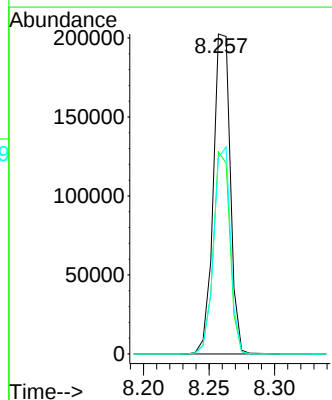
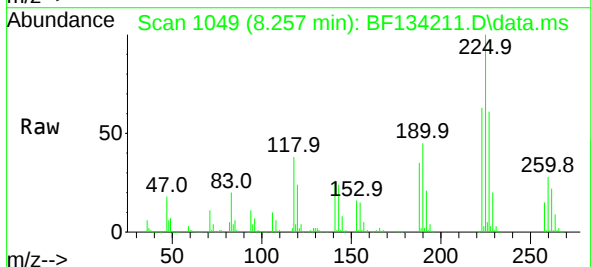
07/12/2023
Supervised By :mohammad
ahmed

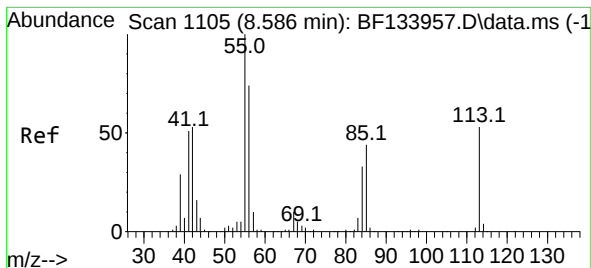
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#34
Hexachlorobutadiene
Concen: 42.846 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:225 Resp: 182475
Ion Ratio Lower Upper
225 100
223 63.2 49.8 74.8
227 61.3 51.0 76.4





#35

Caprolactam

Concen: 41.016 ng m

RT: 8.581 min Scan# 1105

Delta R.T. 0.006 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

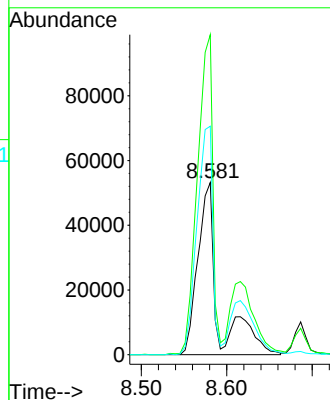
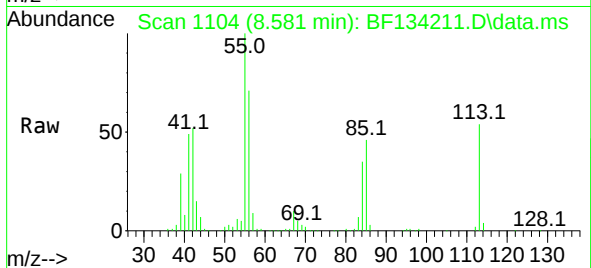
ClientSampleId :

PB153791BS

Tgt Ion:	113	Resp:	88360
Ion Ratio	Lower	Upper	
113	100		
55	185.9	170.2	210.2
56	132.7	121.4	161.4

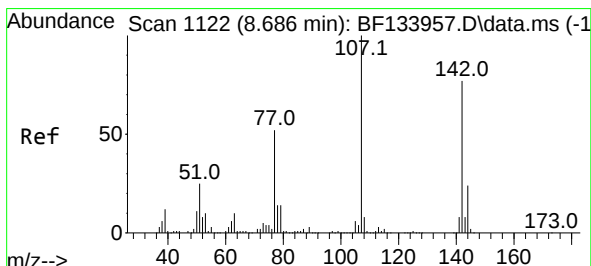
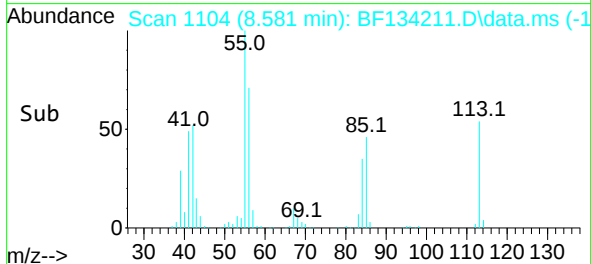
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

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#36

4-Chloro-3-methylphenol

Concen: 41.334 ng

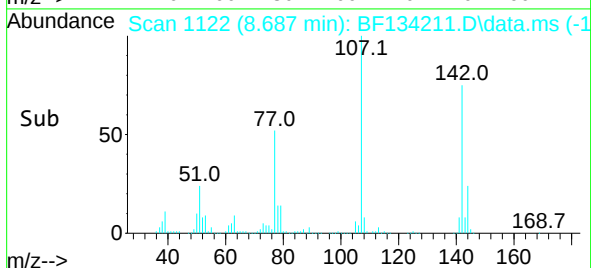
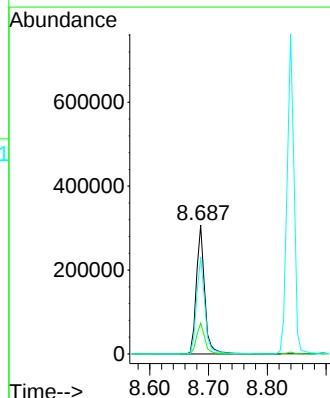
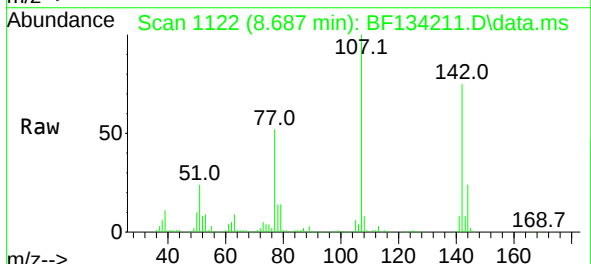
RT: 8.687 min Scan# 1122

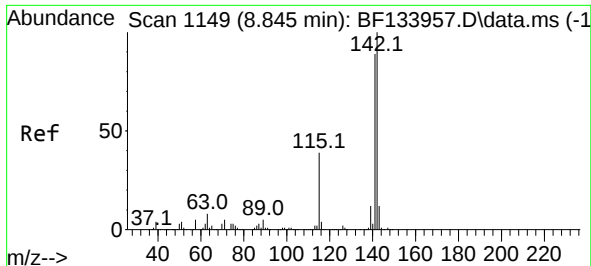
Delta R.T. 0.006 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Tgt Ion:	107	Resp:	303825
Ion Ratio	Lower	Upper	
107	100		
144	23.9	19.6	29.4
142	75.3	61.4	92.2





#37

2-Methylnaphthalene

Concen: 39.534 ng

RT: 8.839 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

PB153791BS

Tgt Ion:142 Resp: 625950

Ion Ratio Lower Upper

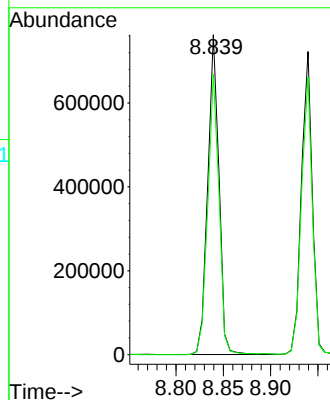
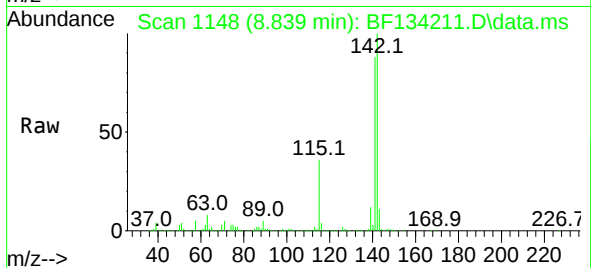
142 100

141 87.7 71.0 106.4

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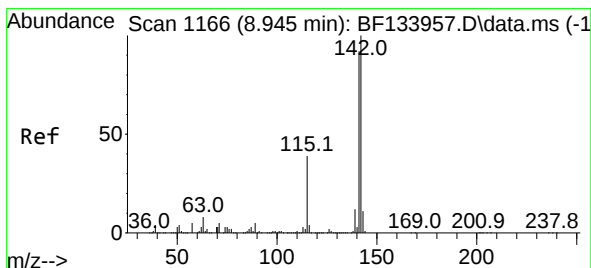
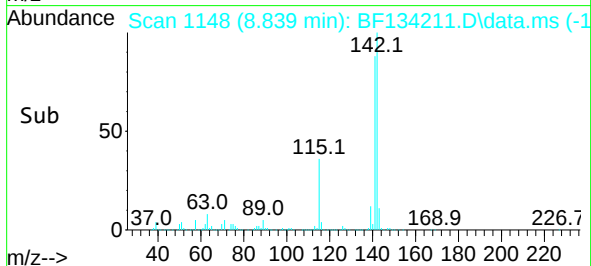
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Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

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#38

1-Methylnaphthalene

Concen: 39.083 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF134211.D

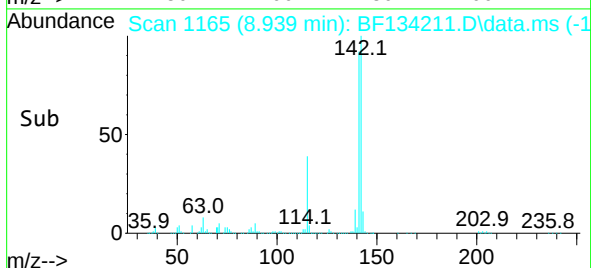
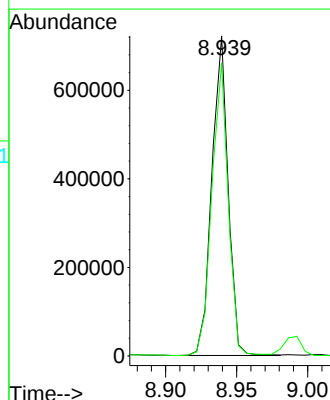
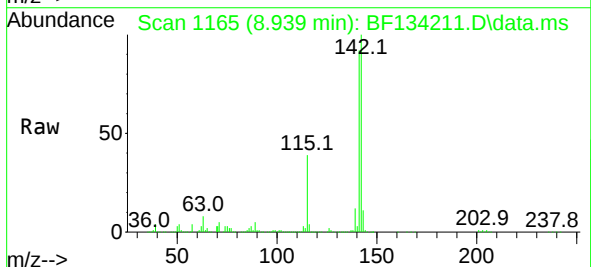
Acq: 11 Jul 2023 13:27

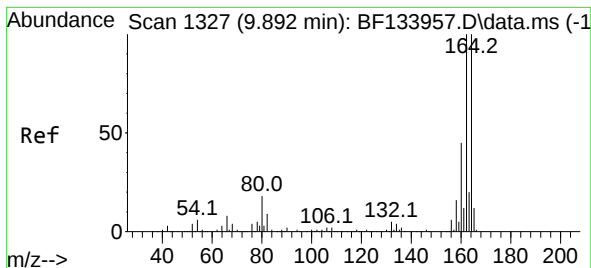
Tgt Ion:142 Resp: 575275

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# 11

Delta R.T. 0.000 min

Lab File: BF134211.D

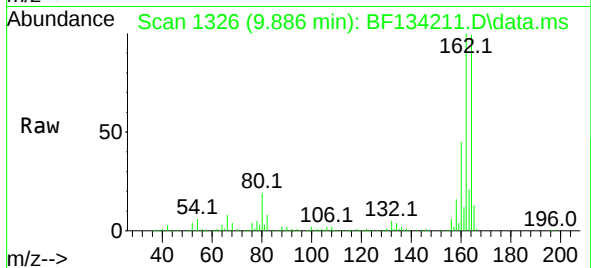
Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:164 Resp: 229049

Ion Ratio Lower Upper

164 100

162 100.7 80.0 120.0

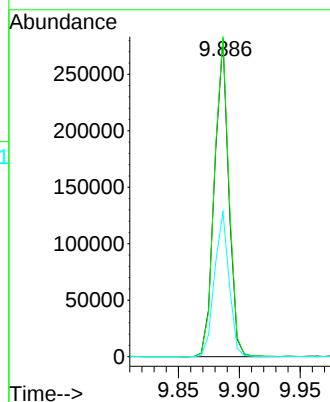
160 45.7 35.9 53.9

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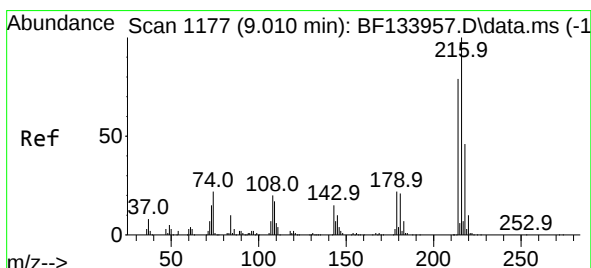
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ahmed

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.249 ng

RT: 9.010 min Scan# 1177

Delta R.T. 0.006 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Tgt Ion:216 Resp: 300269

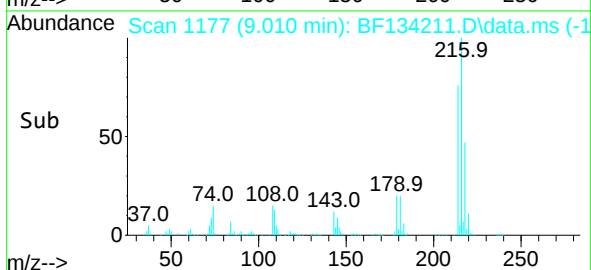
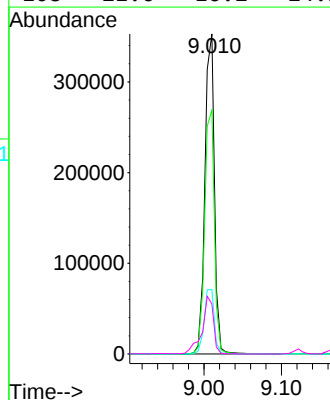
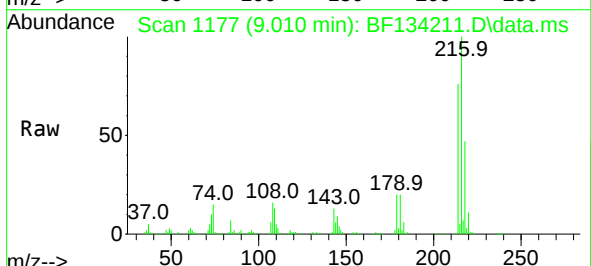
Ion Ratio Lower Upper

216 100

214 78.3 64.1 96.1

179 21.6 17.3 25.9

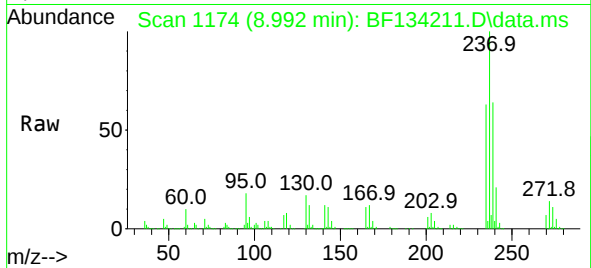
108 21.6 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 96.475 ng
RT: 8.992 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

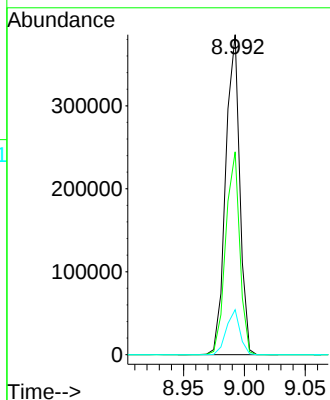
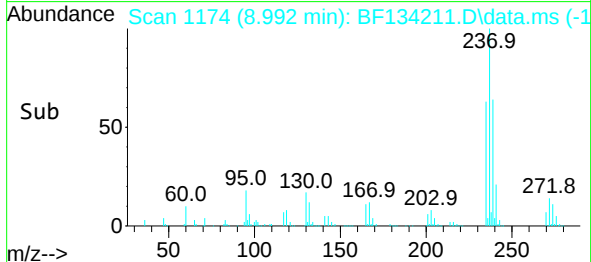
Instrument :
BNA_F
ClientSampleId :
PB153791BS



Tgt Ion:237 Resp: 310589
Ion Ratio Lower Upper
237 100
235 63.4 42.8 82.8
272 14.0 0.0 34.6

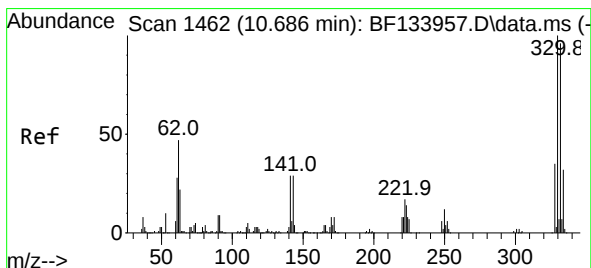
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Reviewed By :Yogesh
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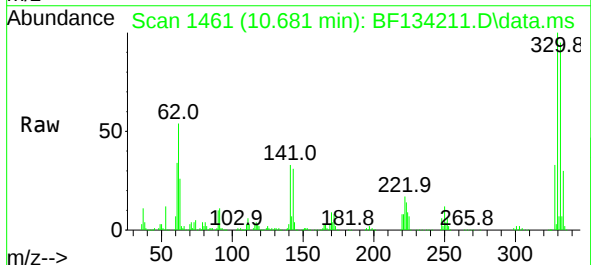


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ahmed

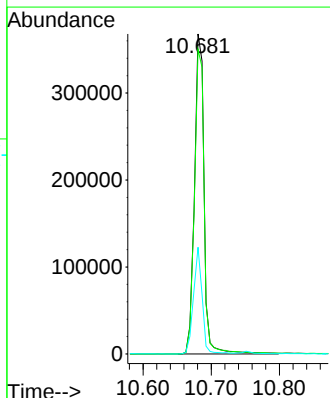
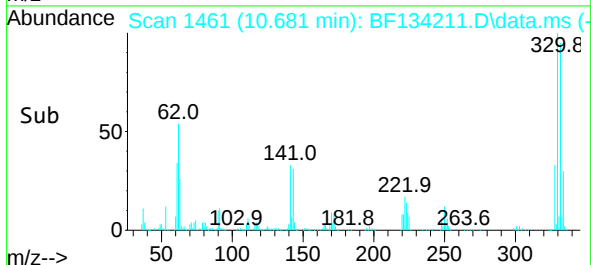
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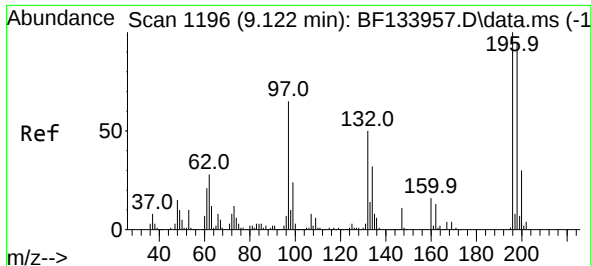


#42
2,4,6-Tribromophenol
Concen: 125.061 ng
RT: 10.681 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27



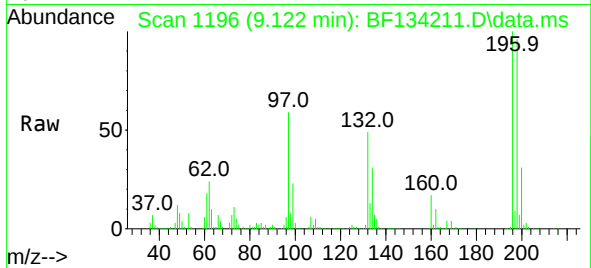
Tgt Ion:330 Resp: 359153
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 30.1 26.3 39.5





#43
2,4,6-Trichlorophenol
Concen: 40.456 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

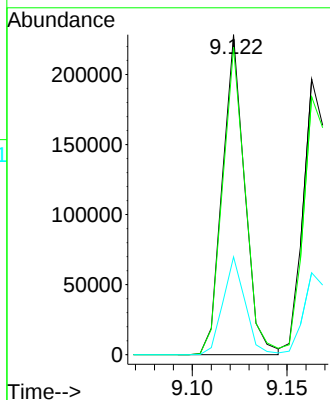
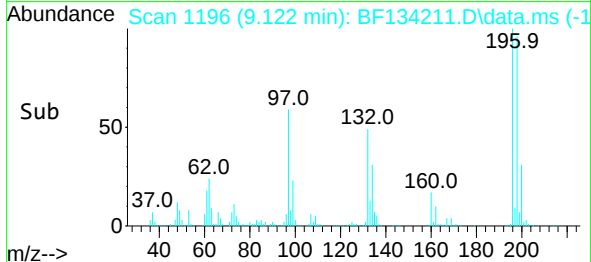
Instrument :
BNA_F
ClientSampleId :
PB153791BS



Tgt Ion:196 Resp: 18688
Ion Ratio Lower Upper
196 100
198 96.1 75.6 113.4
200 30.6 24.4 36.6

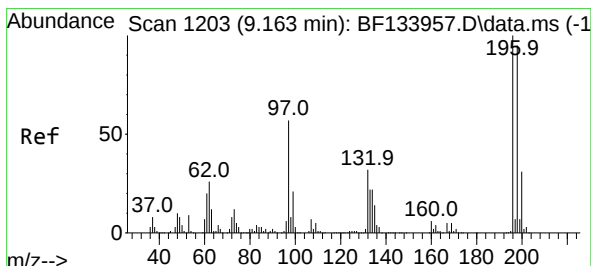
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

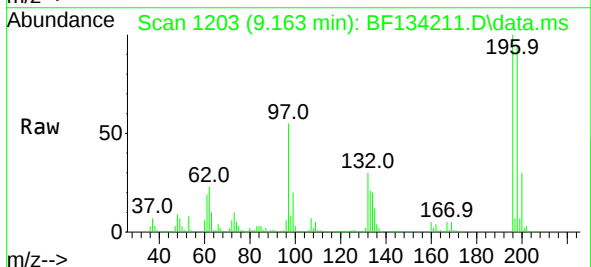


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Supervised By :mohammad
ahmed

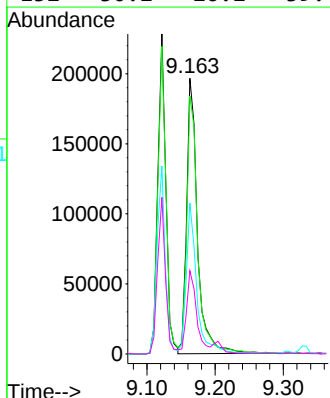
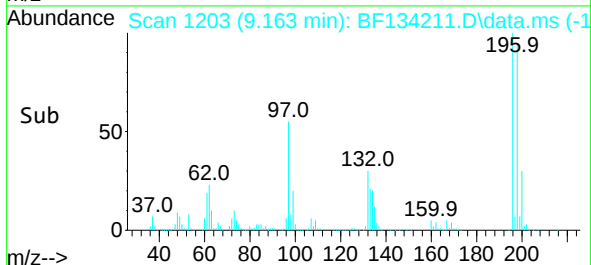
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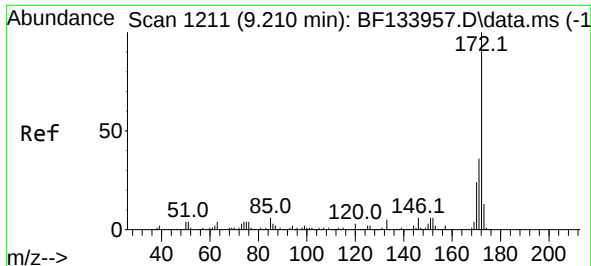


#44
2,4,5-Trichlorophenol
Concen: 39.347 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27



Tgt Ion:196 Resp: 213806
Ion Ratio Lower Upper
196 100
198 93.6 75.7 113.5
97 54.7 45.8 68.6
132 30.2 26.2 39.4





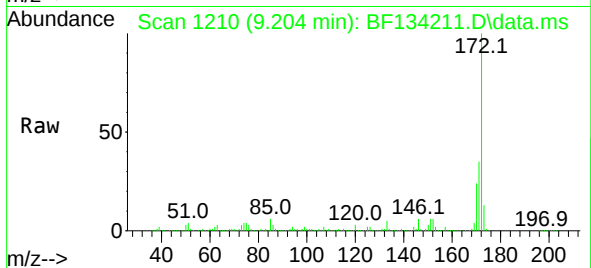
#45
2-Fluorobiphenyl
Concen: 84.358 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

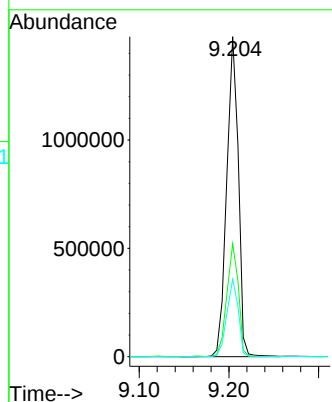
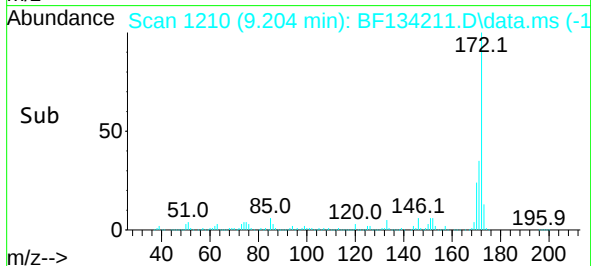
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Tgt Ion:172 Resp: 1328988
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 24.2 19.4 29.0

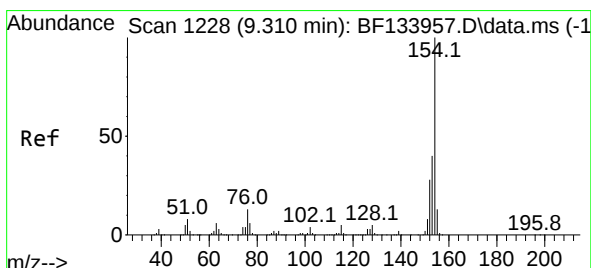
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

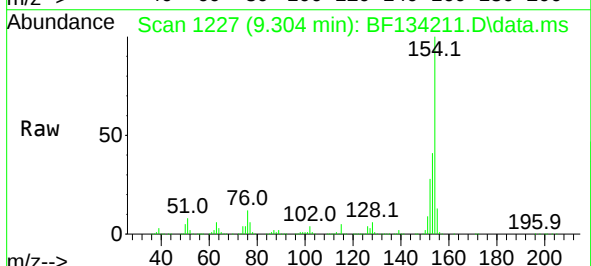


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Supervised By :mohammad
ahmed

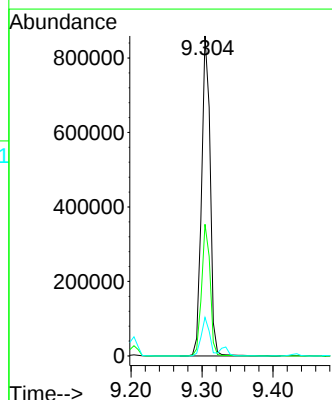
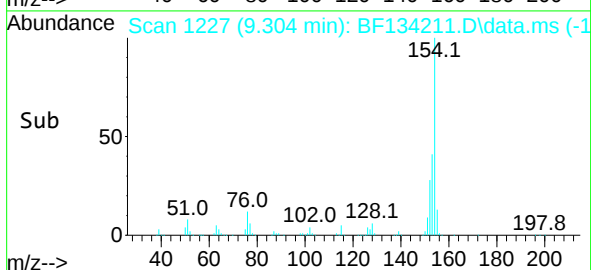
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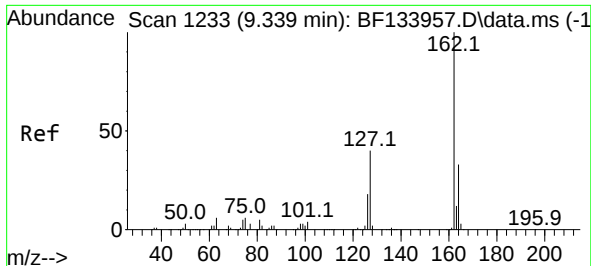


#46
1,1'-Biphenyl
Concen: 39.624 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27



Tgt Ion:154 Resp: 728035
Ion Ratio Lower Upper
154 100
153 41.2 19.8 59.8
76 12.0 0.0 32.9





#47

2-Chloronaphthalene

Concen: 42.673 ng

RT: 9.334 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

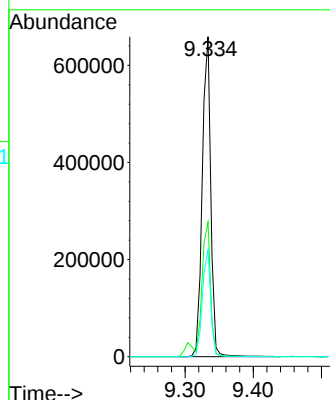
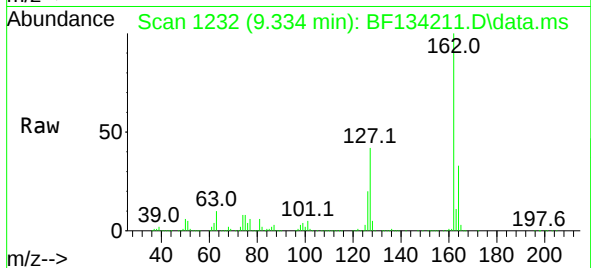
ClientSampleId :

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Tgt Ion:	162	Resp:	57366
Ion Ratio	Lower	Upper	
162	100		
127	42.1	32.9	49.3
164	33.4	26.1	39.1

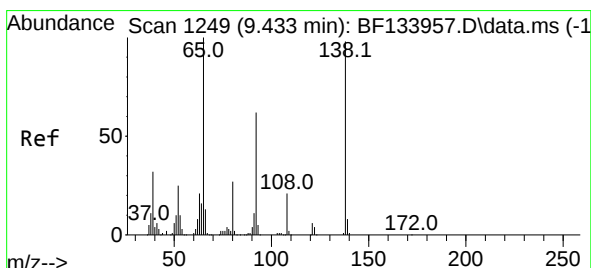
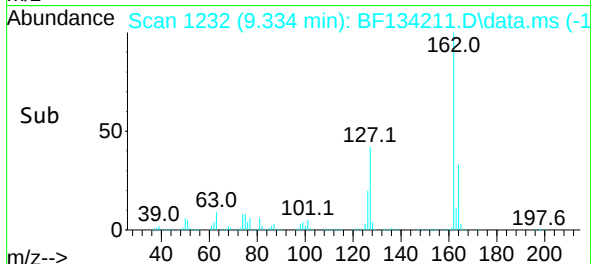
Manual Integrations
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ahmed

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#48

2-Nitroaniline

Concen: 42.007 ng

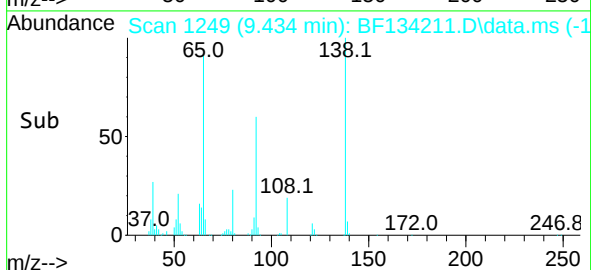
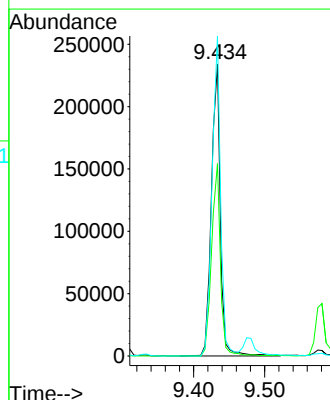
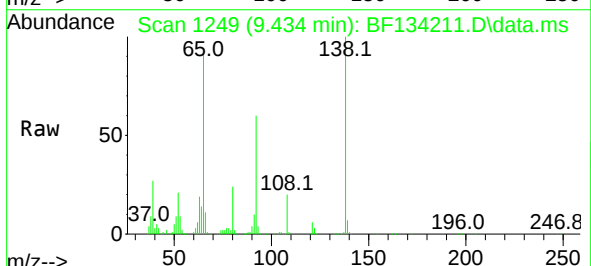
RT: 9.434 min Scan# 1249

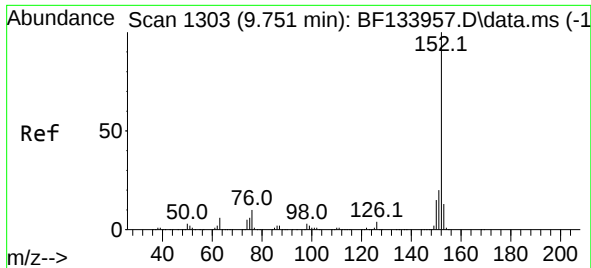
Delta R.T. 0.006 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Tgt Ion:	65	Resp:	205809
Ion Ratio	Lower	Upper	
65	100		
92	65.9	49.5	74.3
138	109.6	78.0	117.0





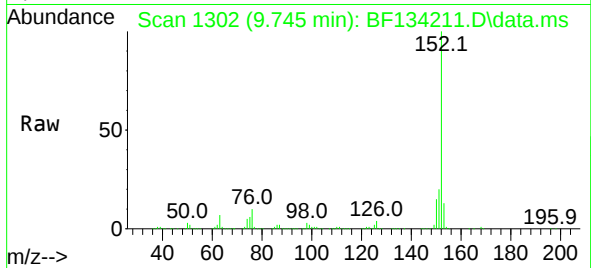
#49
Acenaphthylene
Concen: 41.994 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

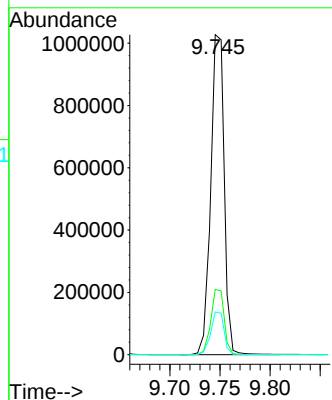
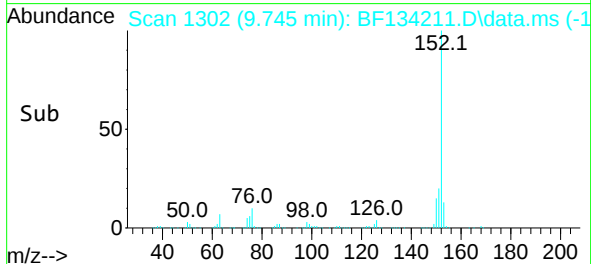
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Tgt Ion:152 Resp: 964368
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.4 10.8 16.2

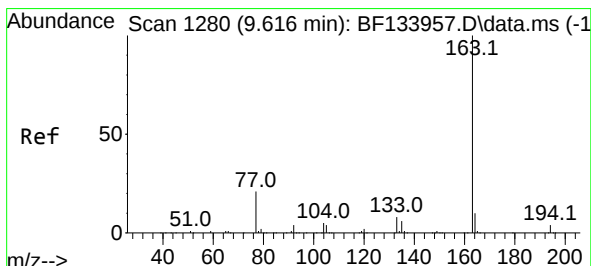
Manual Integrations
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Reviewed By :Yogesh
Patel

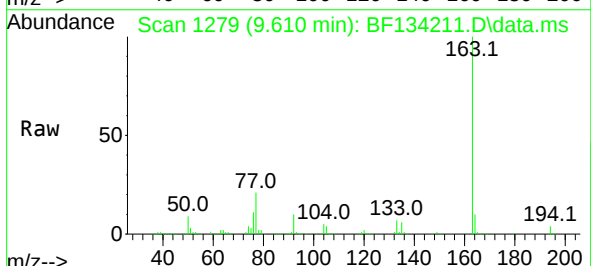


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Supervised By :mohammad
ahmed

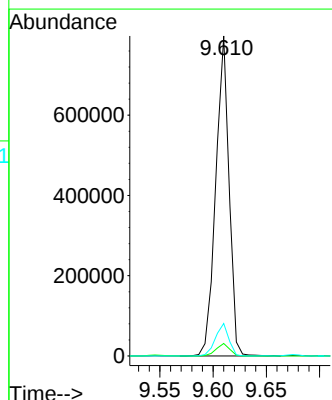
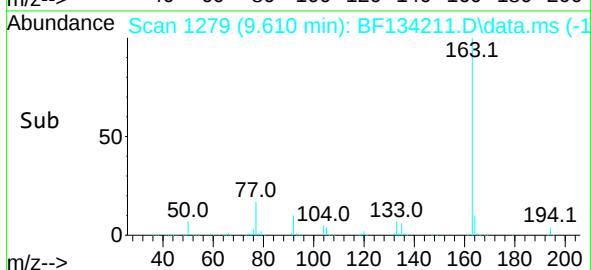
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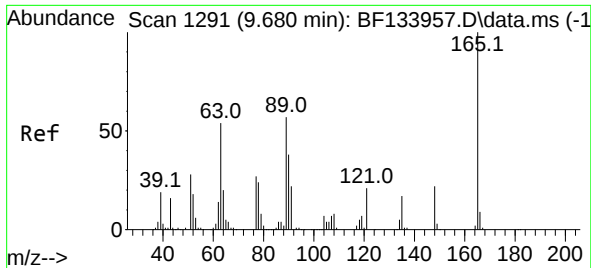


#50
Dimethylphthalate
Concen: 41.795 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27



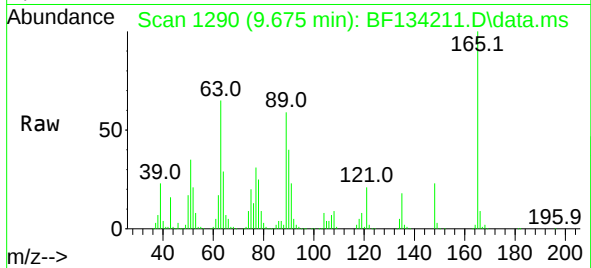
Tgt Ion:163 Resp: 694919
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 43.707 ng
RT: 9.675 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

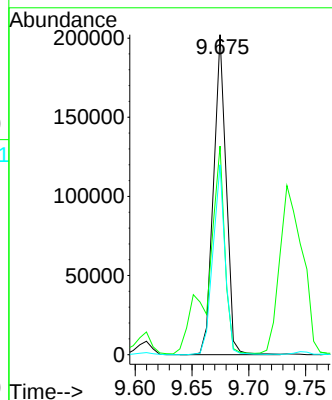
Instrument :
BNA_F
ClientSampleId :
PB153791BS



Tgt Ion:165 Resp: 156520
Ion Ratio Lower Upper
165 100
63 65.2 48.5 72.7
89 59.4 45.5 68.3

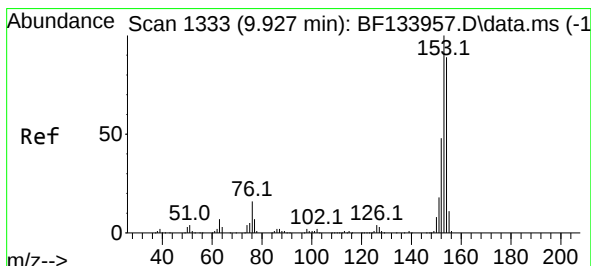
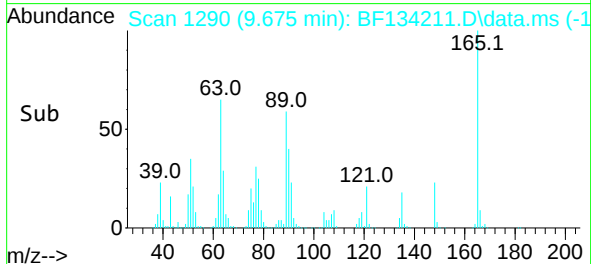
Manual Integrations
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Patel



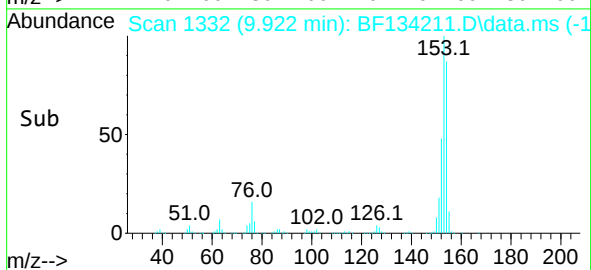
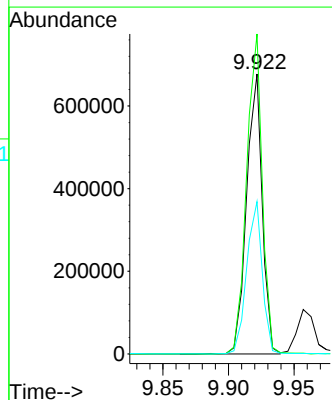
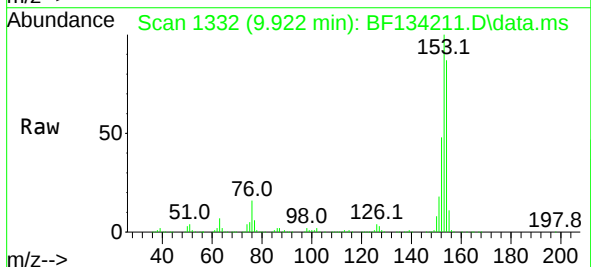
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Supervised By :mohammad
ahmed

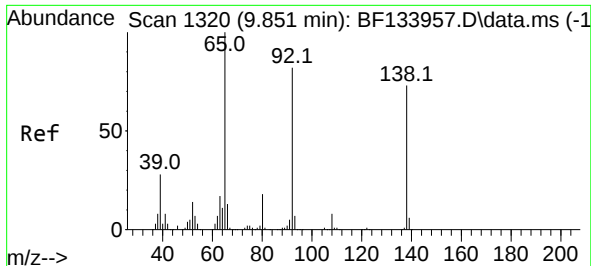
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#52
Acenaphthene
Concen: 42.252 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:154 Resp: 563021
Ion Ratio Lower Upper
154 100
153 114.3 89.4 134.2
152 54.4 42.8 64.2





#53
3-Nitroaniline
Concen: 31.718 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

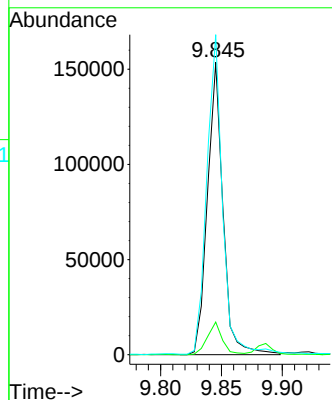
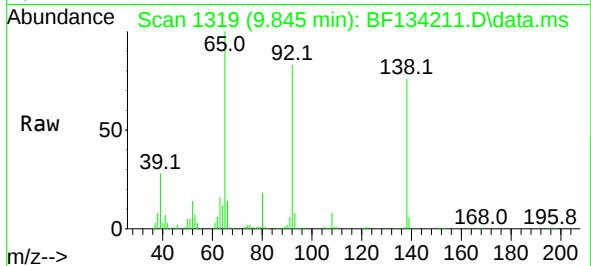
ClientSampleId :

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Tgt Ion:138 Resp: 13626
Ion Ratio Lower Upper
138 100
108 11.2 8.4 12.6
92 109.5 90.1 135.1

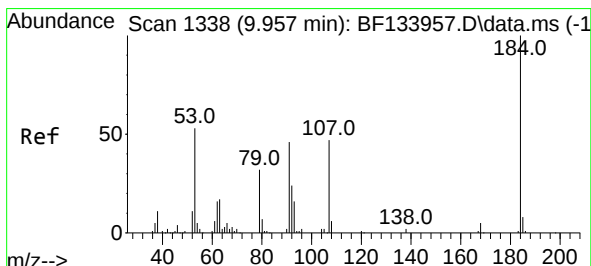
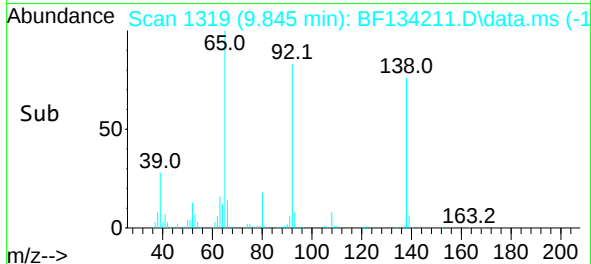
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Patel



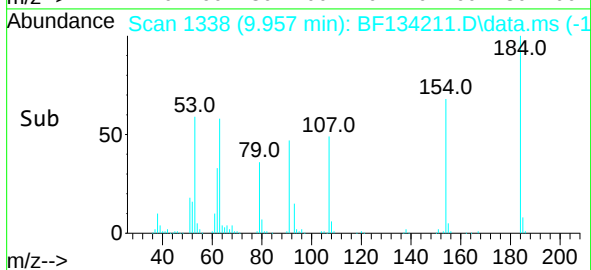
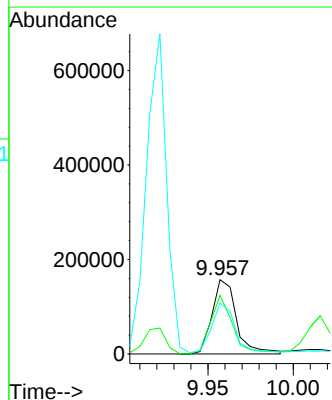
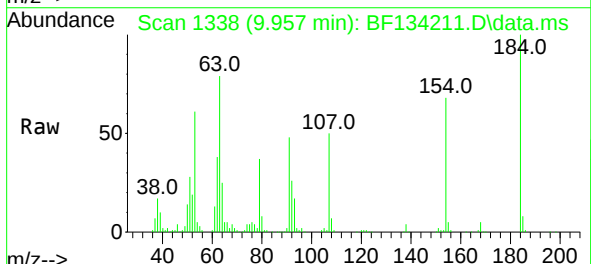
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ahmed

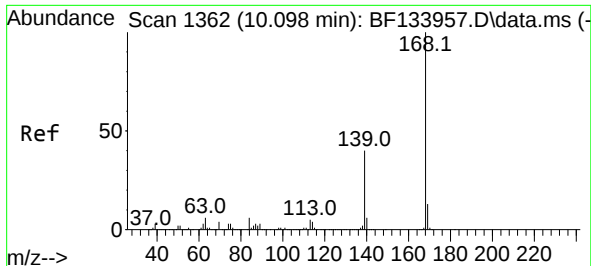
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#54
2,4-Dinitrophenol
Concen: 75.939 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

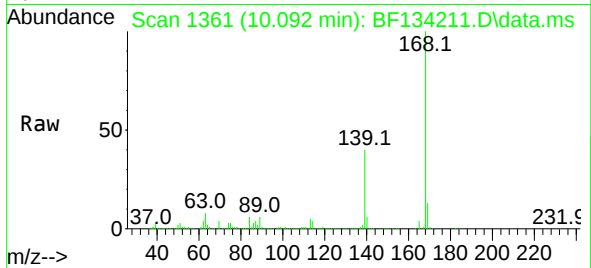
Tgt Ion:184 Resp: 156625
Ion Ratio Lower Upper
184 100
63 78.9 56.9 85.3
154 68.4 55.4 83.0





#55
Dibenzenofuran
Concen: 36.725 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

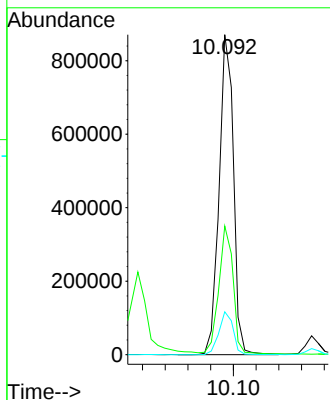
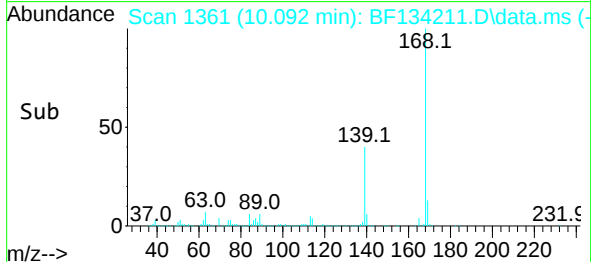
Instrument :
BNA_F
ClientSampleId :
PB153791BS



Tgt Ion:168 Resp: 76480
Ion Ratio Lower Upper
168 100
139 40.2 32.0 48.0
169 13.4 10.6 16.0

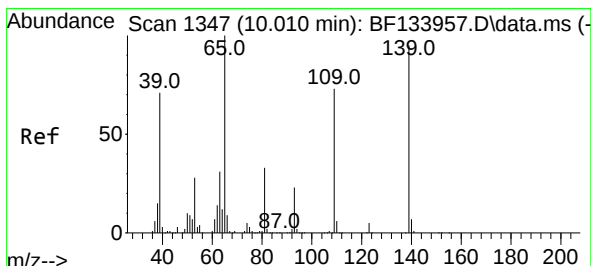
Manual Integrations
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Patel



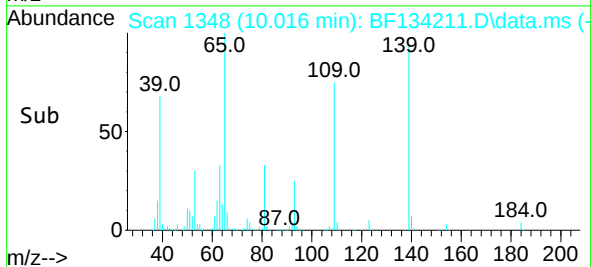
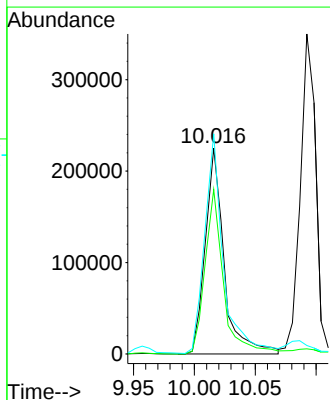
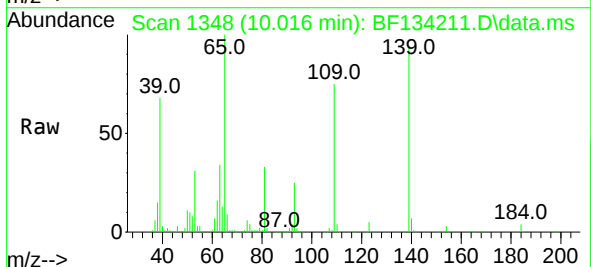
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Supervised By :mohammad
ahmed

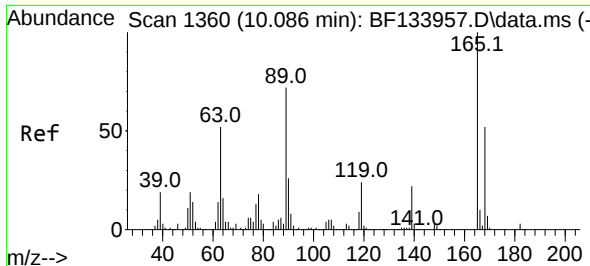
07/12/2023



#56
4-Nitrophenol
Concen: 80.884 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:139 Resp: 243064
Ion Ratio Lower Upper
139 100
109 79.9 56.8 96.8
65 106.9 86.1 126.1





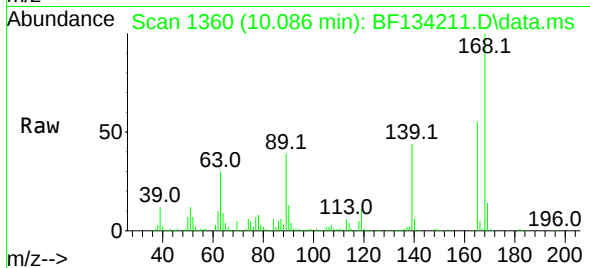
#57
2,4-Dinitrotoluene
Concen: 38.922 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

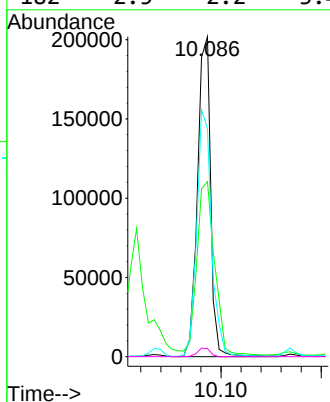
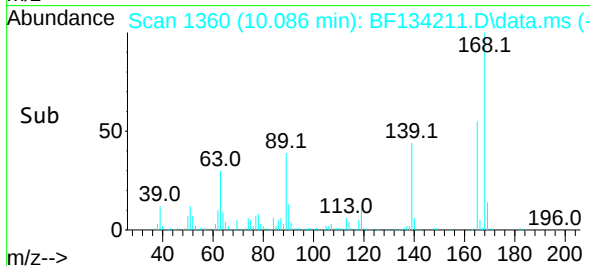
PB153791BS



Tgt Ion:165 Resp: 184075
Ion Ratio Lower Upper
165 100
63 54.7 42.2 63.2
89 71.3 57.4 86.2
182 2.5 2.2 3.4

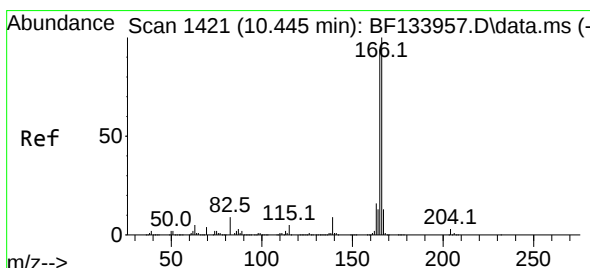
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



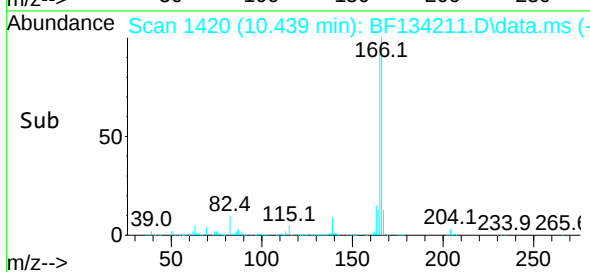
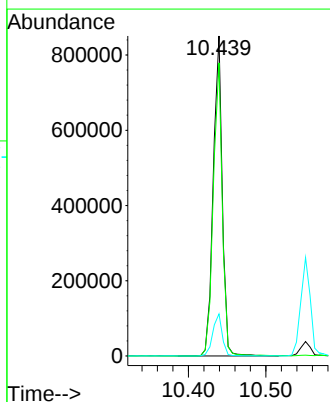
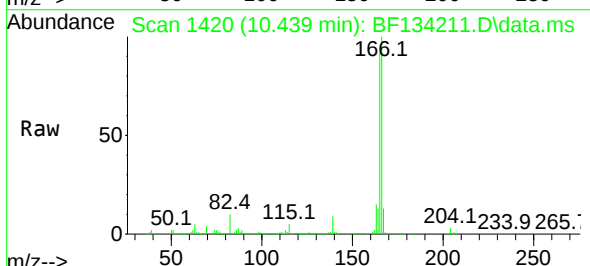
07/12/2023
Supervised By :mohammad
ahmed

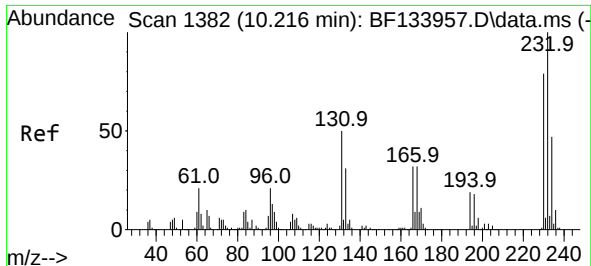
07/12/2023



#58
Fluorene
Concen: 42.511 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

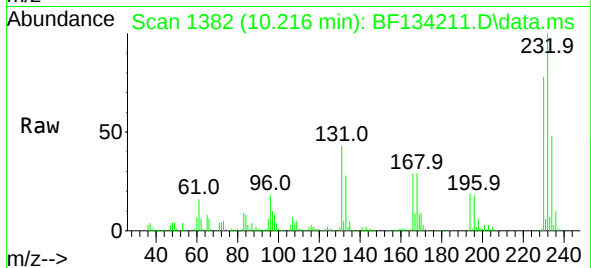
Tgt Ion:166 Resp: 688750
Ion Ratio Lower Upper
166 100
165 91.6 75.0 112.4
167 13.1 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.043 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

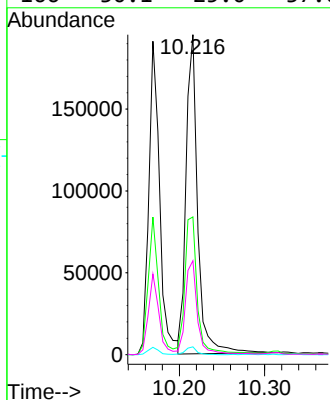
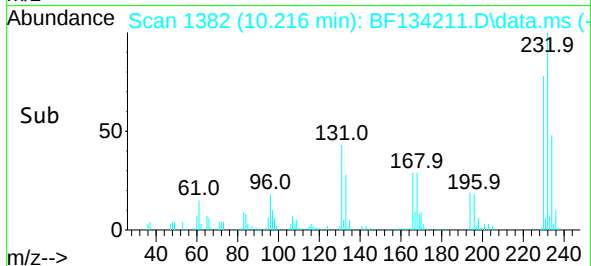
Instrument :
BNA_F
ClientSampleId :
PB153791BS



Tgt Ion:232 Resp: 184489
Ion Ratio Lower Upper
232 100
131 47.4 39.3 58.9
130 2.4 1.8 2.6
166 30.1 25.0 37.6

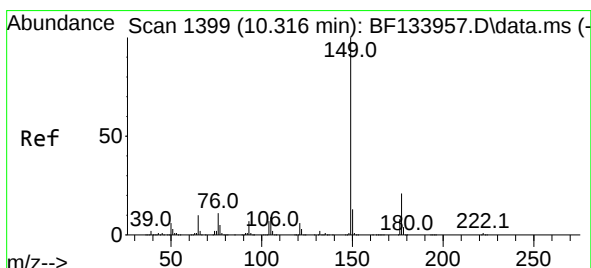
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



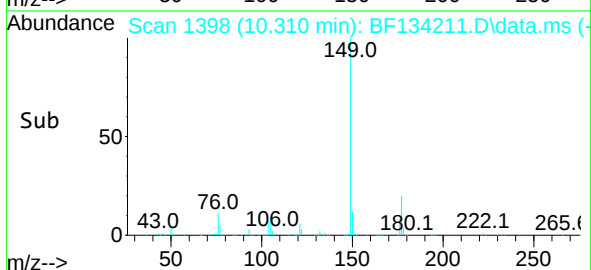
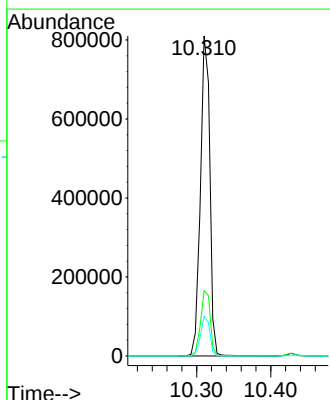
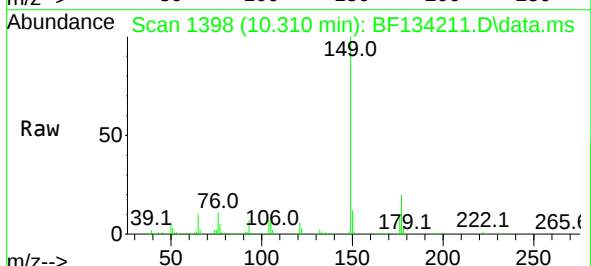
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Supervised By :mohammad
ahmed

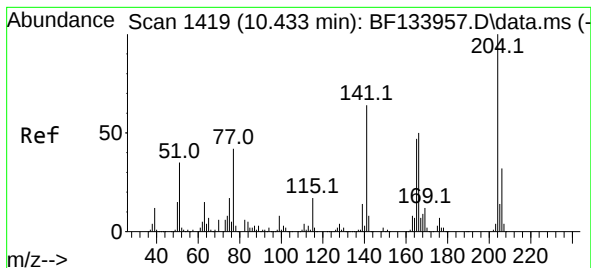
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#60
Diethylphthalate
Concen: 41.393 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

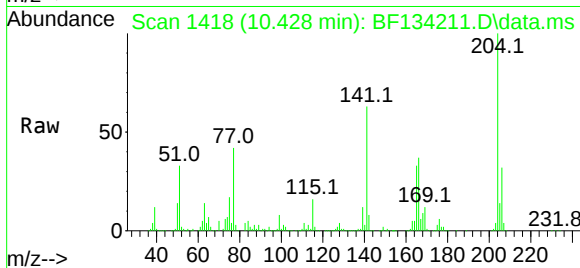
Tgt Ion:149 Resp: 717032
Ion Ratio Lower Upper
149 100
177 20.4 17.0 25.6
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.946 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

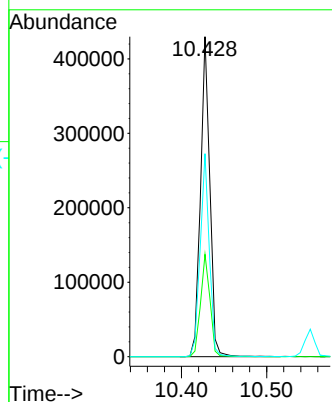
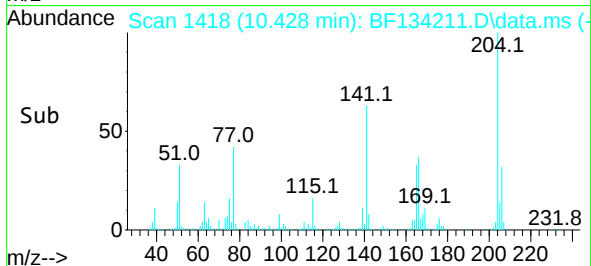
Instrument :
BNA_F
ClientSampleId :
PB153791BS



Tgt Ion:204 Resp: 327509
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.6
141 63.5 51.5 77.3

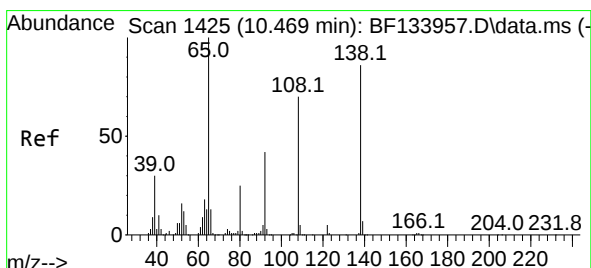
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Reviewed By :Yogesh
Patel

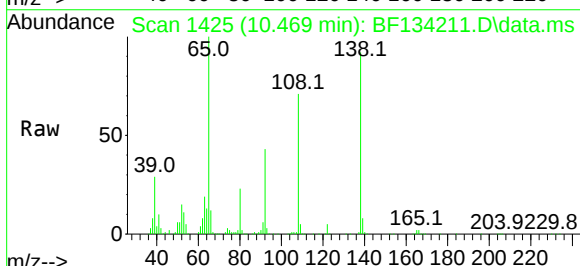


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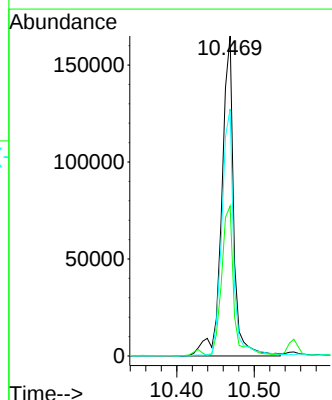
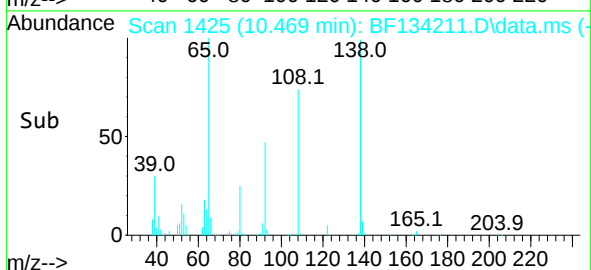
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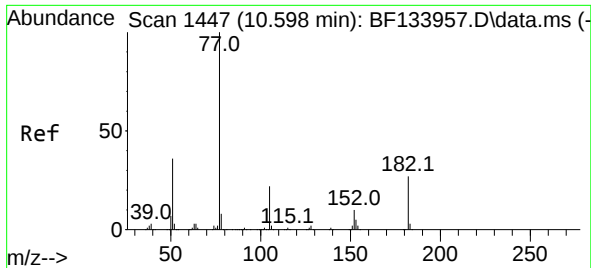


#62
4-Nitroaniline
Concen: 41.075 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27



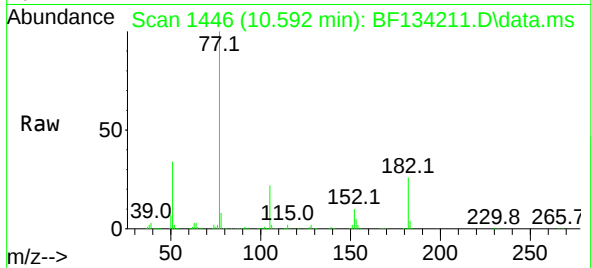
Tgt Ion:138 Resp: 177841
Ion Ratio Lower Upper
138 100
92 46.9 29.7 69.7
108 77.2 62.1 102.1





#63
Azobenzene
Concen: 41.367 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

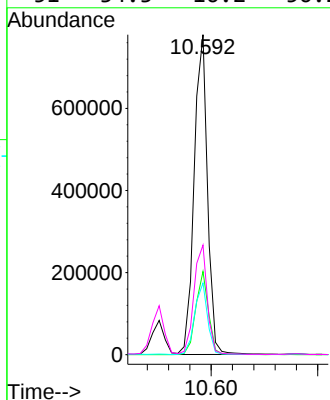
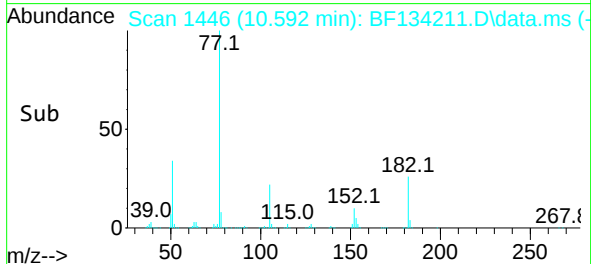
Instrument :
BNA_F
ClientSampleId :
PB153791BS



Tgt Ion: 77 Resp: 677820
Ion Ratio Lower Upper
77 100
182 26.0 6.8 46.8
105 22.4 2.3 42.3
51 34.3 16.2 56.2

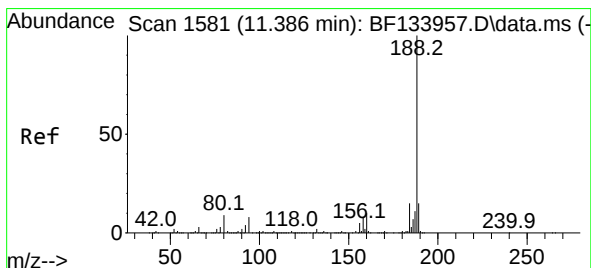
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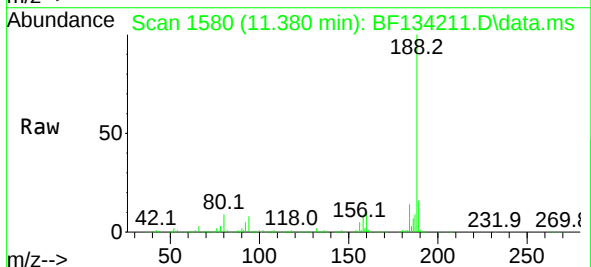


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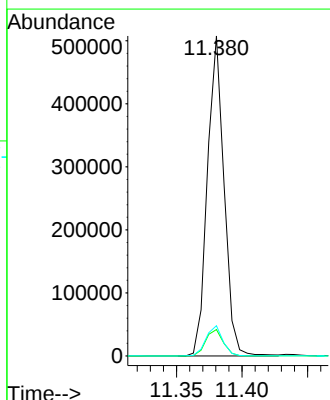
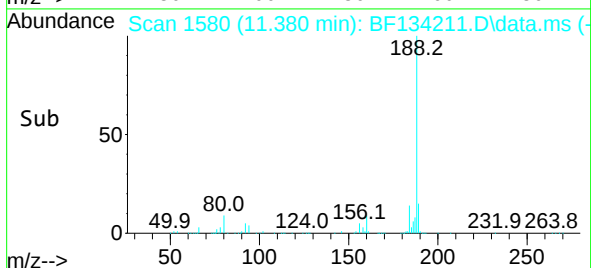
07/12/2023

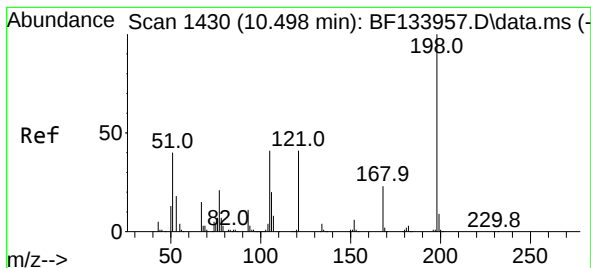


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27



Tgt Ion:188 Resp: 449463
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 9.4 7.3 10.9





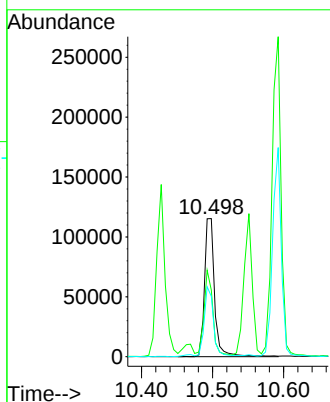
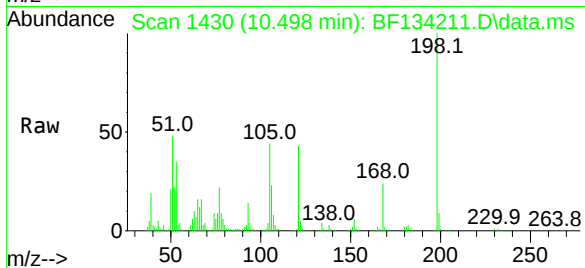
#65
4,6-Dinitro-2-methylphenol
Concen: 46.597 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Instrument :
BNA_F
ClientSampleId :
PB153791BS

Tgt Ion:198 Resp: 11418
Ion Ratio Lower Upper
198 100
51 48.2 29.3 69.3
105 43.7 22.4 62.4

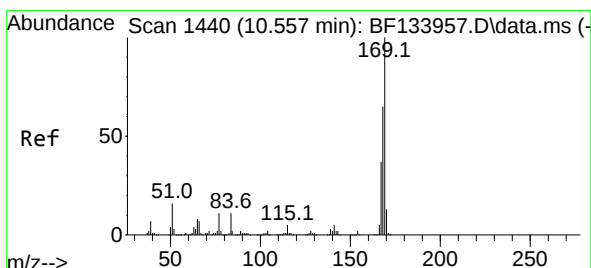
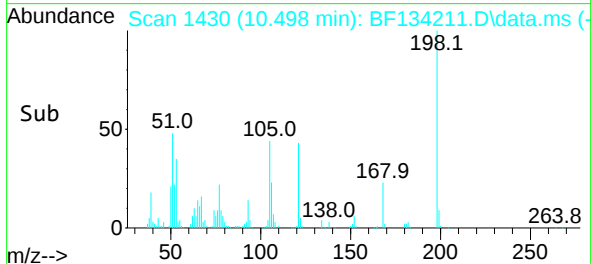
Manual Integrations
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Reviewed By :Yogesh
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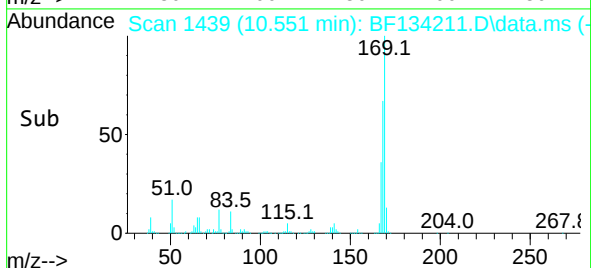
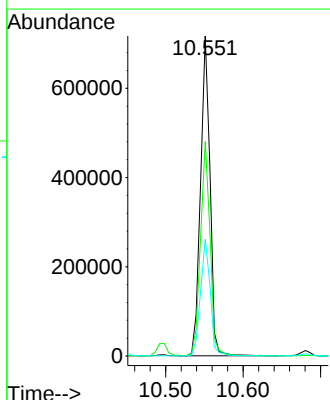
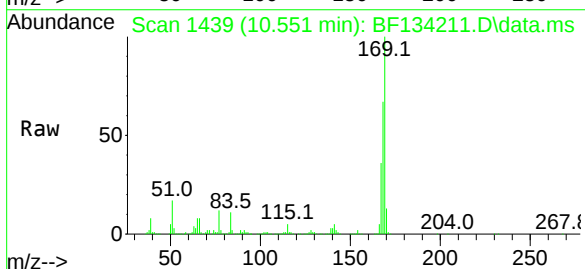
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Supervised By :mohammad
ahmed

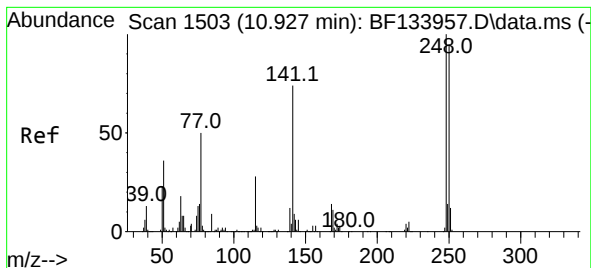
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#66
n-Nitrosodiphenylamine
Concen: 42.301 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:169 Resp: 607467
Ion Ratio Lower Upper
169 100
168 67.0 52.3 78.5
167 36.5 29.4 44.0





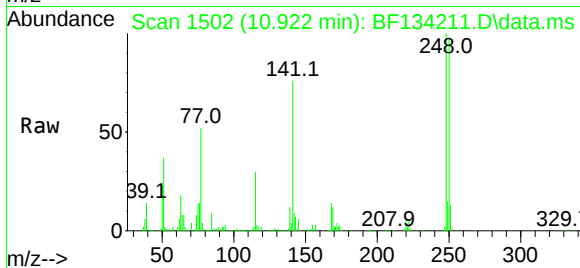
#67
4-Bromophenyl-phenylether
Concen: 42.915 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

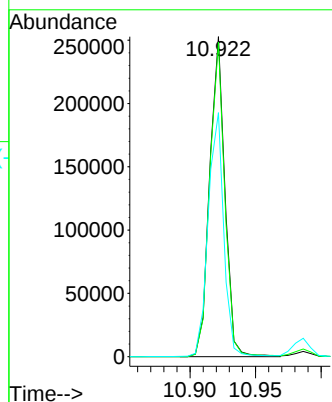
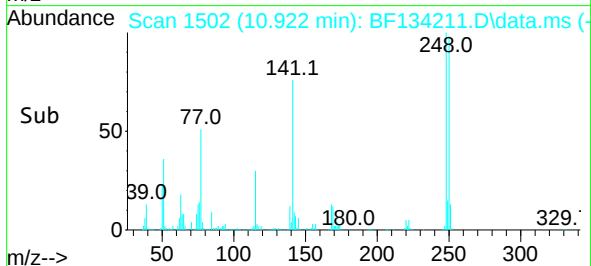
PB153791BS



Tgt Ion:248 Resp: 205018
Ion Ratio Lower Upper
248 100
250 98.3 76.2 114.4
141 76.2 59.0 88.4

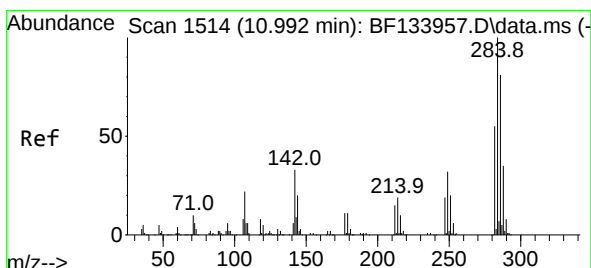
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Patel

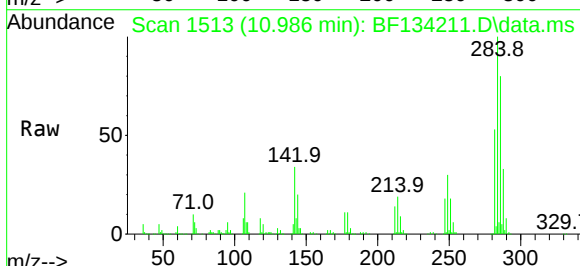


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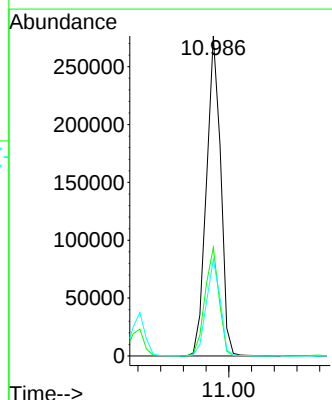
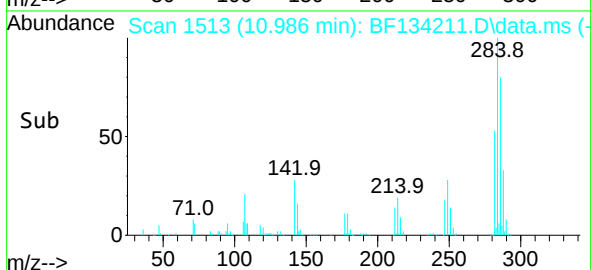
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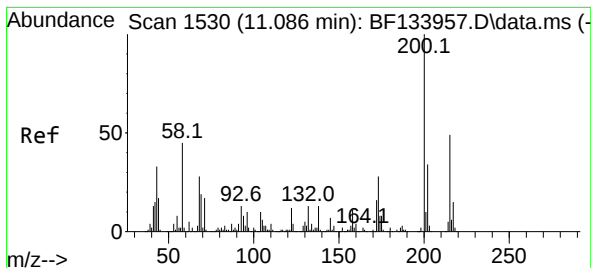


#68
Hexachlorobenzene
Concen: 47.174 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27



Tgt Ion:284 Resp: 239283
Ion Ratio Lower Upper
284 100
142 33.9 26.6 40.0
249 30.1 25.5 38.3





#69

Atrazine

Concen: 50.636 ng

RT: 11.080 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

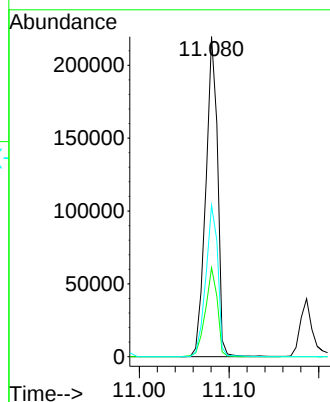
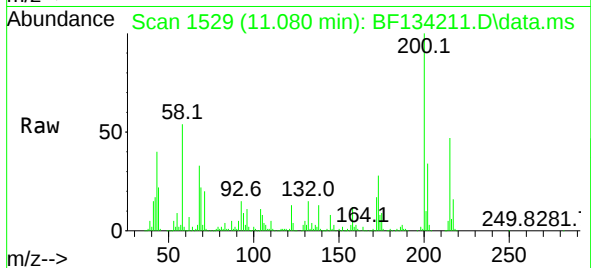
ClientSampleId :

PB153791BS

Tgt Ion:200 Resp: 201139
 Ion Ratio Lower Upper
 200 100
 173 27.8 8.0 48.0
 215 47.3 29.3 69.3

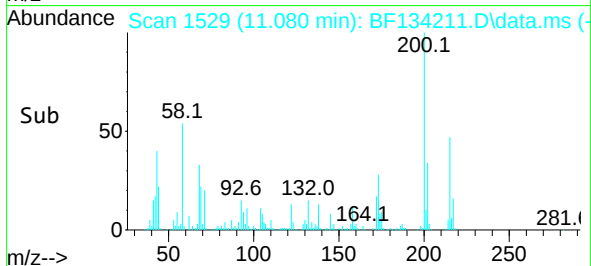
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#70

Pentachlorophenol

Concen: 73.226 ng

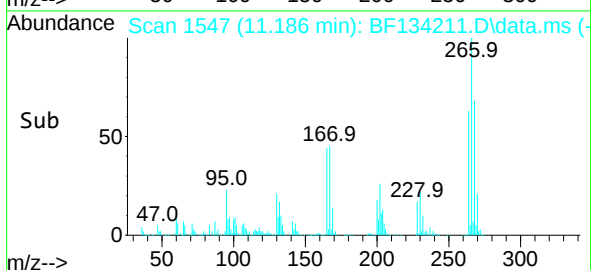
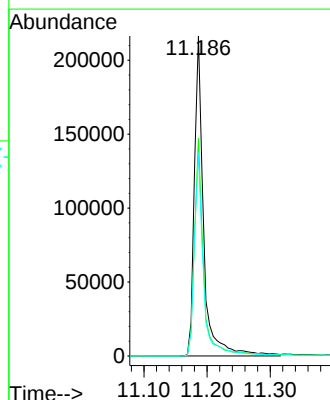
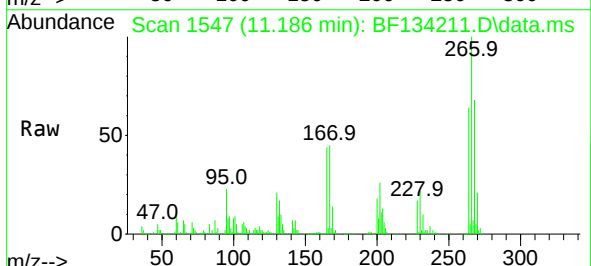
RT: 11.186 min Scan# 1547

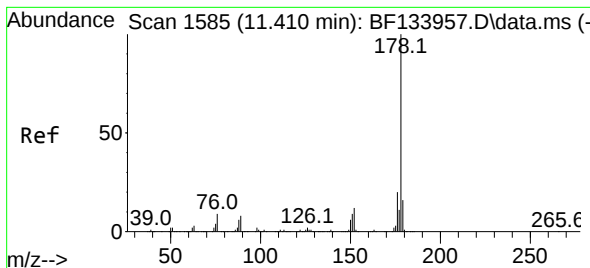
Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

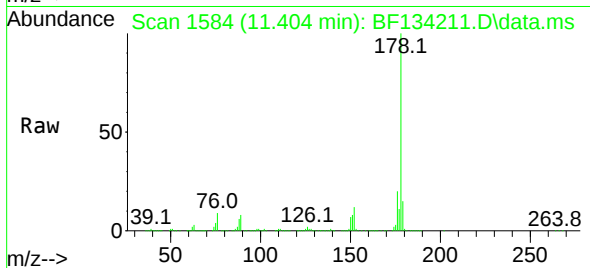
Tgt Ion:266 Resp: 222082
 Ion Ratio Lower Upper
 266 100
 268 68.1 52.6 79.0
 264 63.5 50.6 76.0





#71
Phenanthrene
Concen: 43.866 ng
RT: 11.404 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

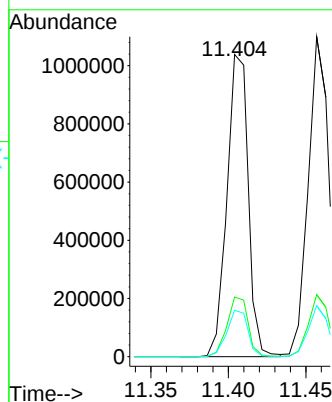
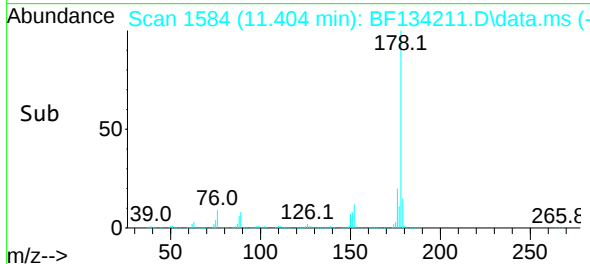
Instrument :
BNA_F
ClientSampleId :
PB153791BS



Tgt Ion:178 Resp: 992544
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.3 12.4 18.6

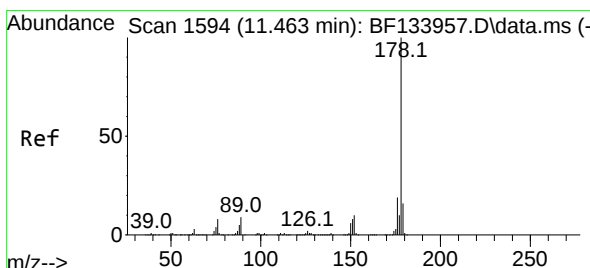
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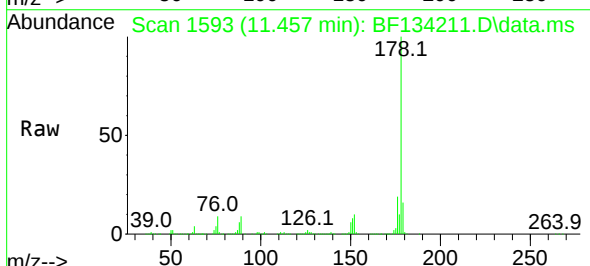


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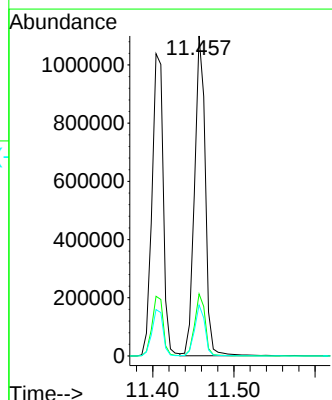
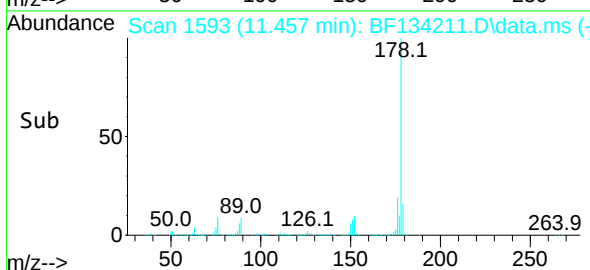
07/12/2023

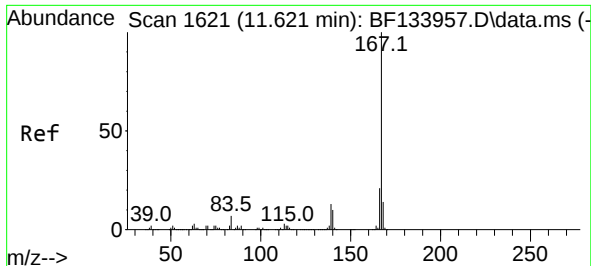


#72
Anthracene
Concen: 43.190 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27



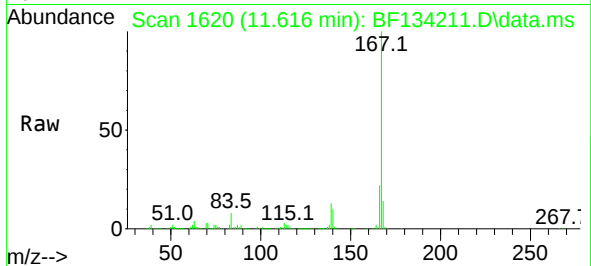
Tgt Ion:178 Resp: 1016446
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 16.0 12.4 18.6





#73
 Carbazole
 Concen: 44.560 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: BF134211.D
 Acq: 11 Jul 2023 13:27

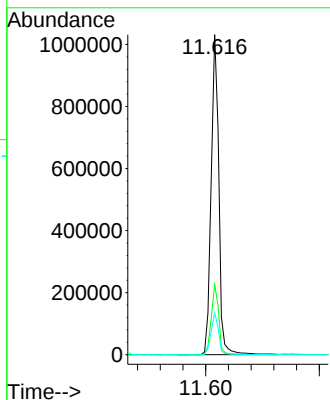
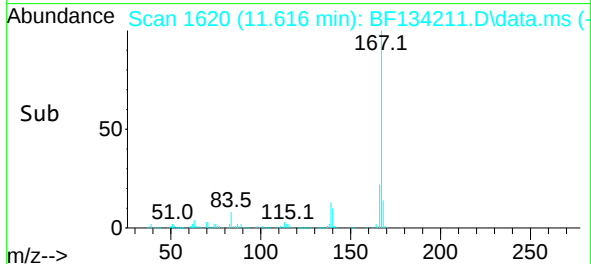
Instrument :
 BNA_F
 ClientSampleId :
 PB153791BS



Tgt Ion:167 Resp: 95988
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.6
 139 13.0 10.4 15.6

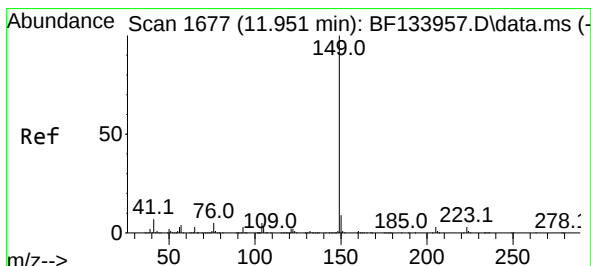
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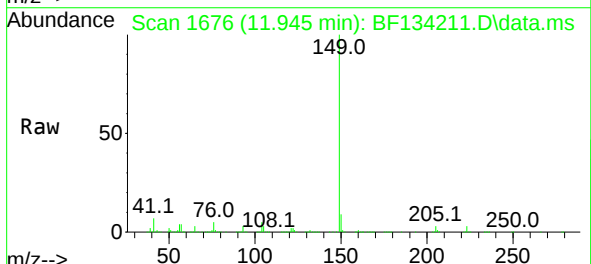


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 Supervised By :mohammad
 ahmed

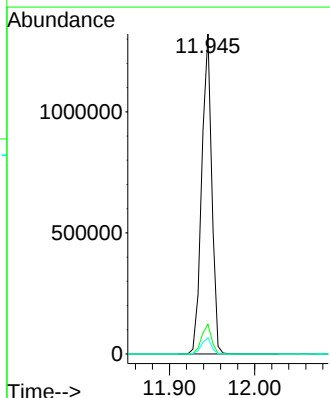
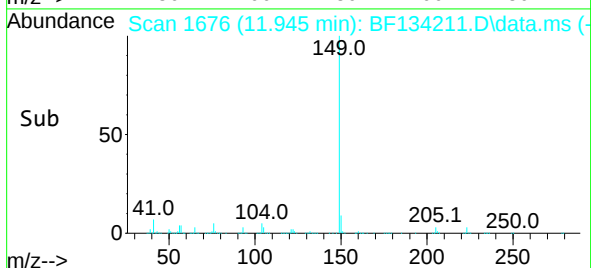
07/12/2023

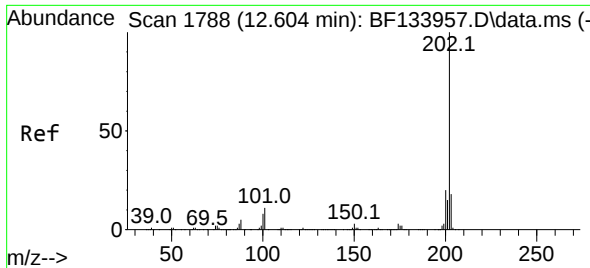


#74
 Di-n-butylphthalate
 Concen: 42.180 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF134211.D
 Acq: 11 Jul 2023 13:27



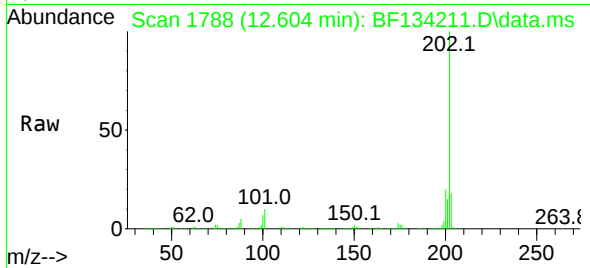
Tgt Ion:149 Resp: 1080506
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.1 10.7
 104 5.1 4.0 6.0





#75
Fluoranthene
Concen: 41.867 ng
RT: 12.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

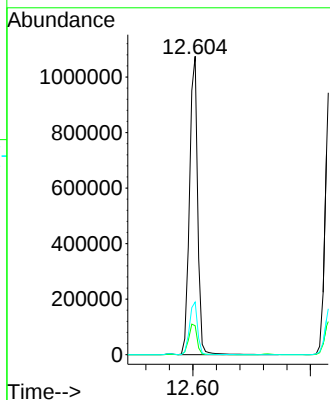
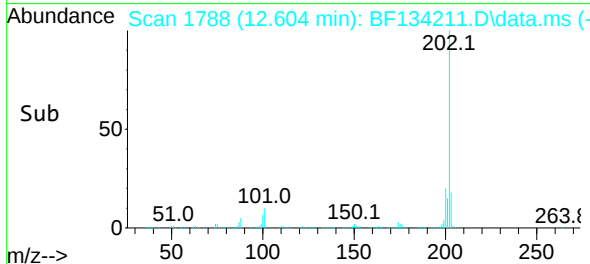
Instrument :
BNA_F
ClientSampleId :
PB153791BS



Tgt Ion:202 Resp: 1024130
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.0
203 17.6 0.0 37.6

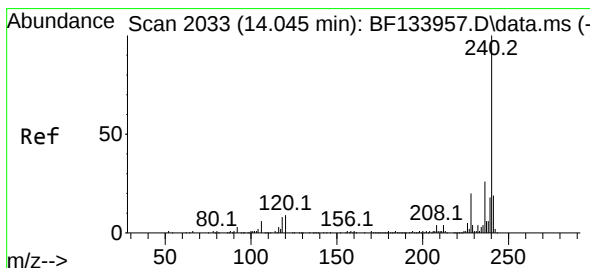
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Reviewed By :Yogesh
Patel

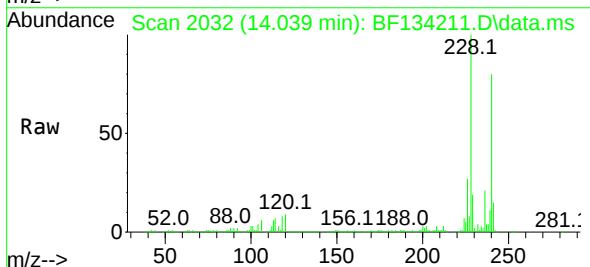


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Supervised By :mohammad
ahmed

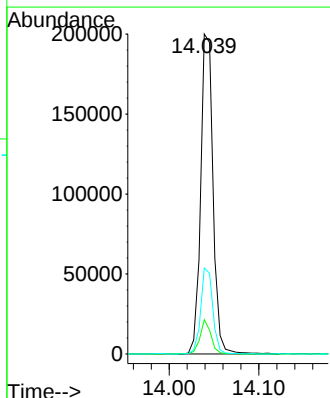
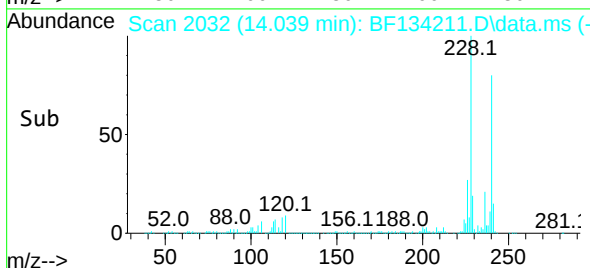
07/12/2023

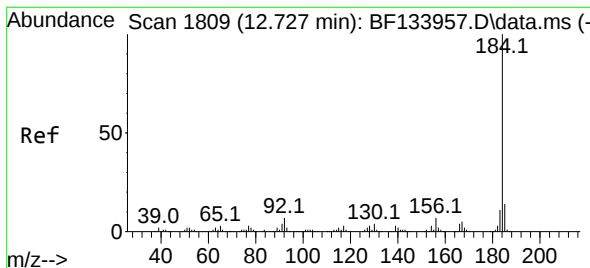


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27



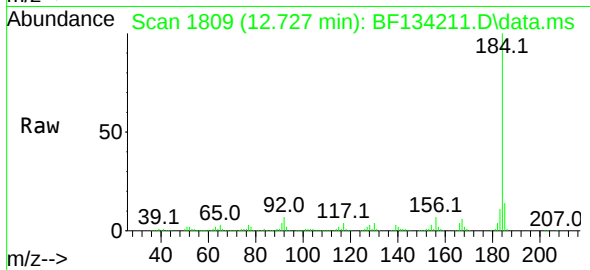
Tgt Ion:240 Resp: 192025
Ion Ratio Lower Upper
240 100
120 10.7 7.4 11.0
236 26.9 21.0 31.6





#77
Benzidine
Concen: 81.875 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

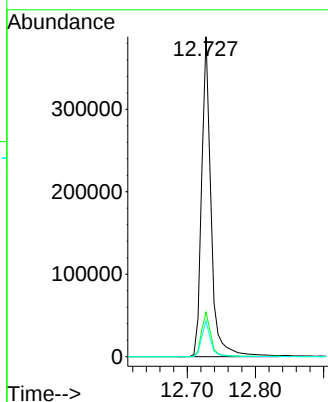
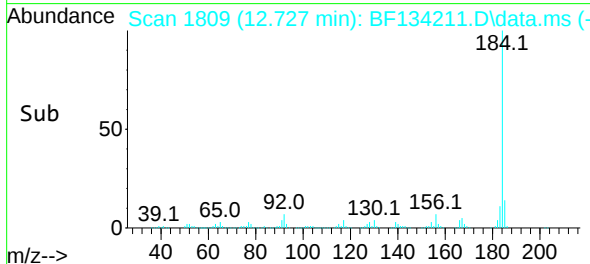
Instrument :
BNA_F
ClientSampleId :
PB153791BS



Tgt Ion:184 Resp: 37409
Ion Ratio Lower Upper
184 100
185 13.8 11.6 17.4
183 11.1 8.8 13.2

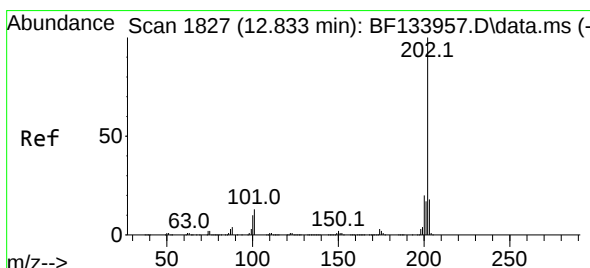
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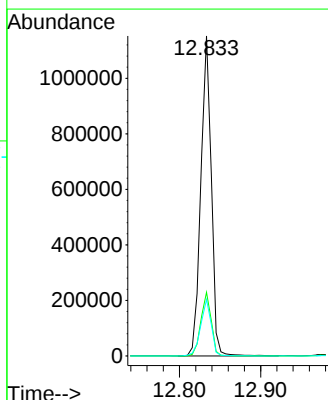
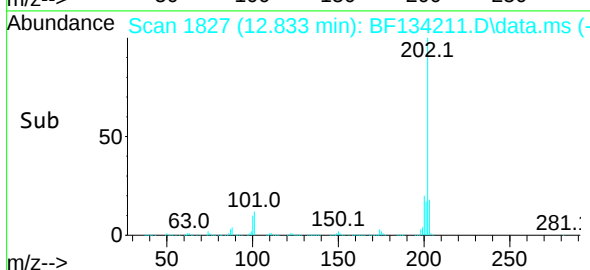
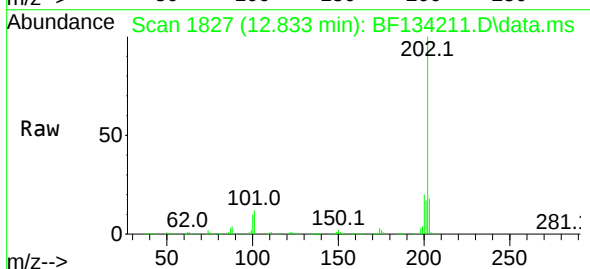
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Supervised By :mohammad
ahmed

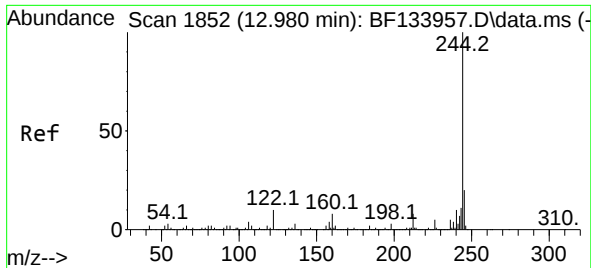
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#78
Pyrene
Concen: 57.713 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

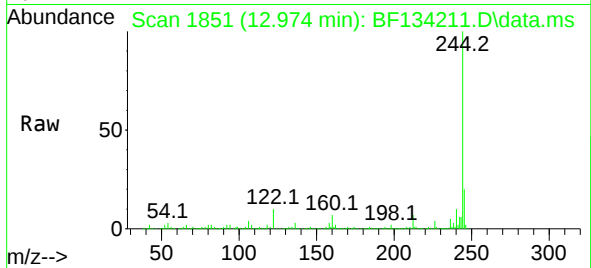
Tgt Ion:202 Resp: 1031365
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 17.6 14.3 21.5





#79
 Terphenyl-d14
 Concen: 123.617 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF134211.D
 Acq: 11 Jul 2023 13:27

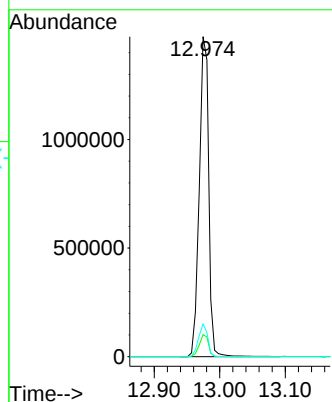
Instrument :
 BNA_F
 ClientSampleId :
 PB153791BS



Tgt Ion:244 Resp: 1474909
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 10.2 8.3 12.5

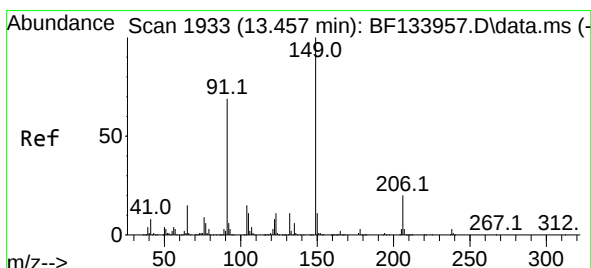
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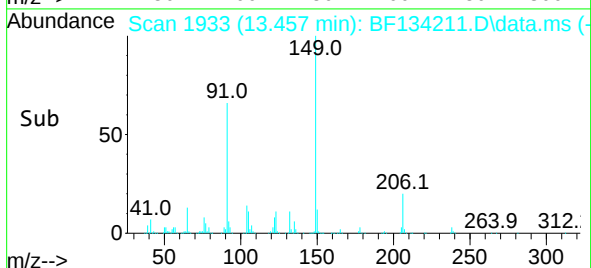
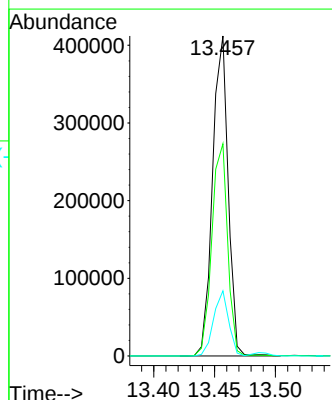
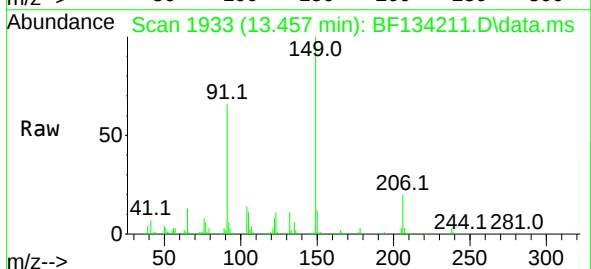
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 ahmed

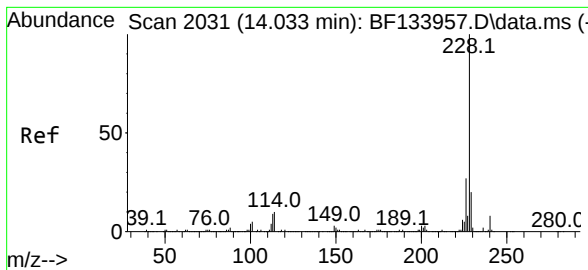
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#80
 Butylbenzylphthalate
 Concen: 54.565 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. 0.006 min
 Lab File: BF134211.D
 Acq: 11 Jul 2023 13:27

Tgt Ion:149 Resp: 365710
 Ion Ratio Lower Upper
 149 100
 91 66.3 55.1 82.7
 206 20.3 15.7 23.5





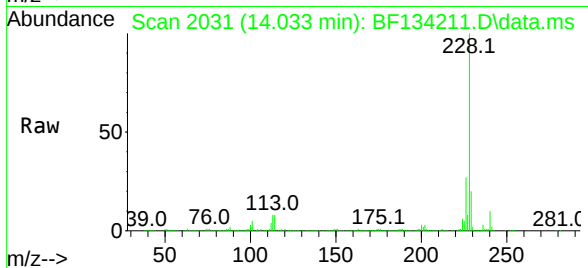
#81
 Benzo(a)anthracene
 Concen: 43.885 ng
 RT: 14.033 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: BF134211.D
 Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

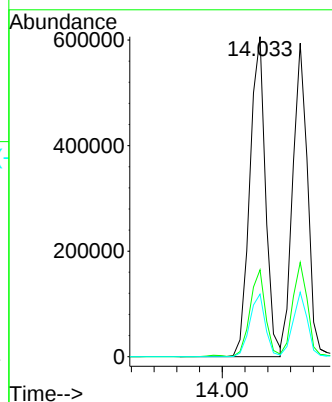
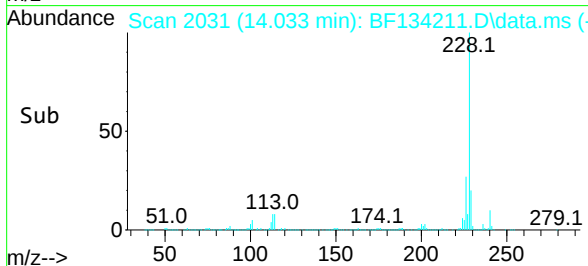
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Tgt Ion:228 Resp: 584434
 Ion Ratio Lower Upper
 228 100
 226 27.1 22.0 33.0
 229 19.6 16.3 24.5

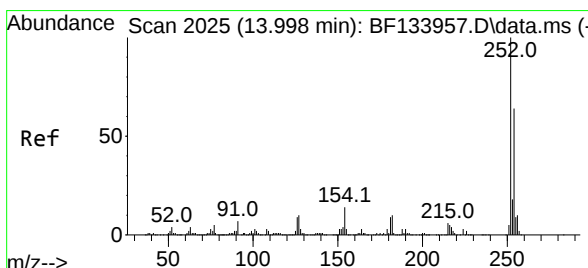
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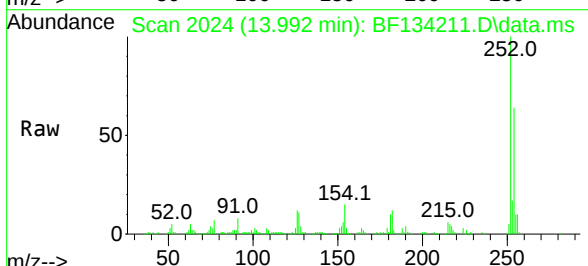


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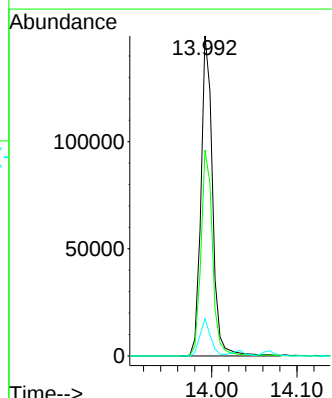
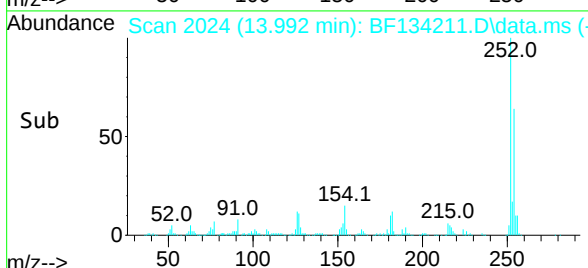
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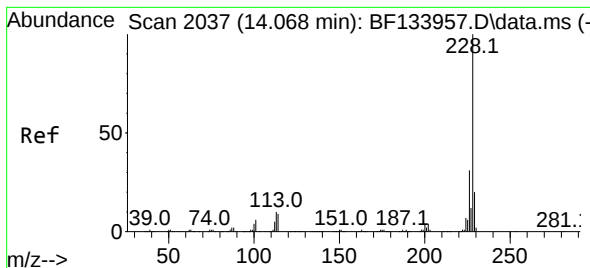


#82
 3,3'-Dichlorobenzidine
 Concen: 33.367 ng
 RT: 13.992 min Scan# 2024
 Delta R.T. 0.000 min
 Lab File: BF134211.D
 Acq: 11 Jul 2023 13:27



Tgt Ion:252 Resp: 140782
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.4 77.0
 126 11.6 7.4 11.2





#83

Chrysene

Concen: 42.171 ng

RT: 14.069 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF134211.D

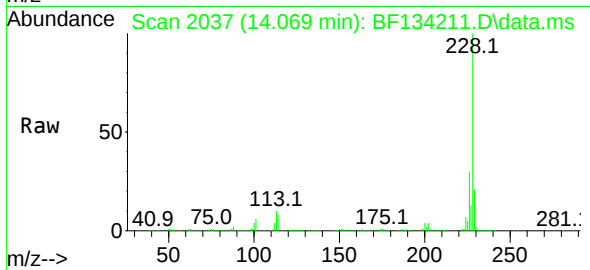
Acq: 11 Jul 2023 13:27

Instrument :

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ClientSampleId :

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Tgt Ion:228 Resp: 543948

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

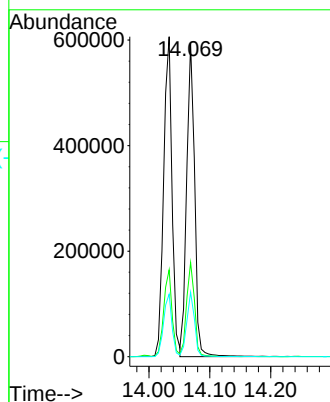
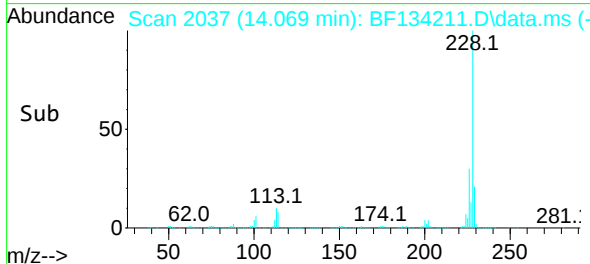
229 20.6 16.1 24.1

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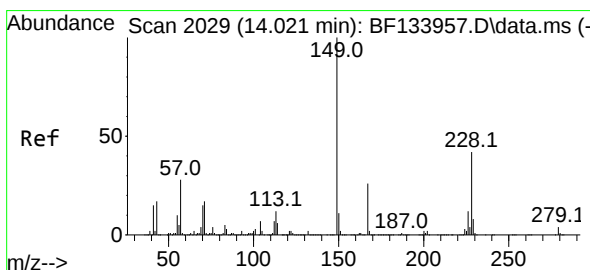
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#84

Bis(2-ethylhexyl)phthalate

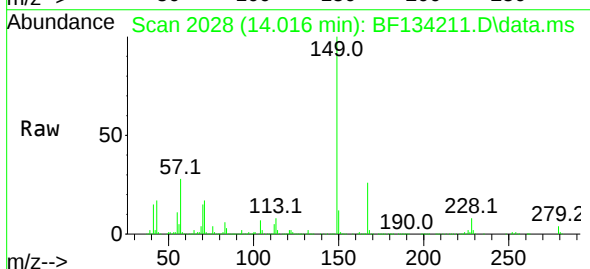
Concen: 43.454 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27



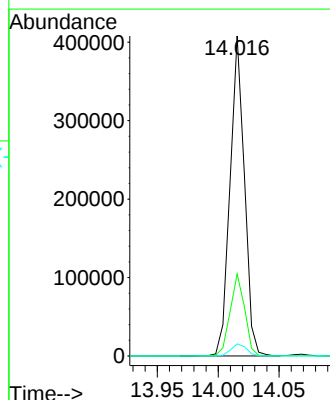
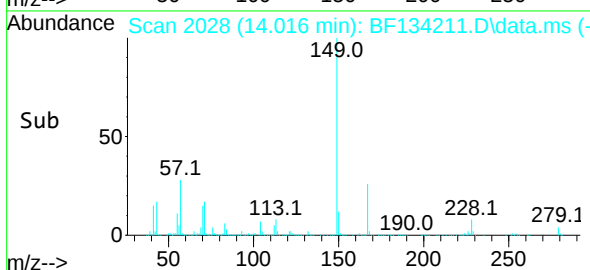
Tgt Ion:149 Resp: 334655

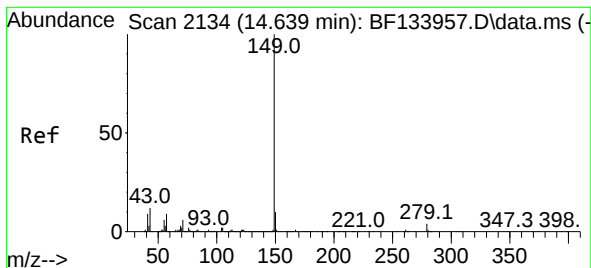
Ion Ratio Lower Upper

149 100

167 25.6 21.0 31.4

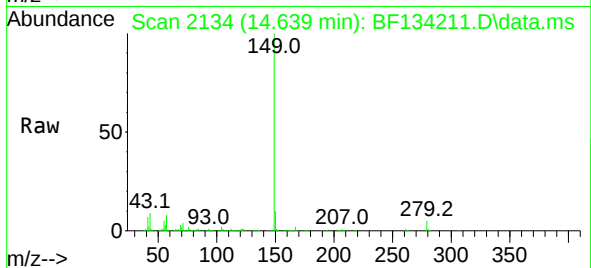
279 3.8 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 42.452 ng
RT: 14.639 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

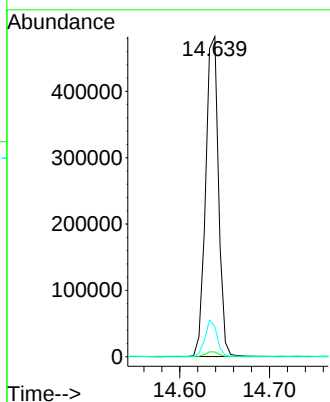
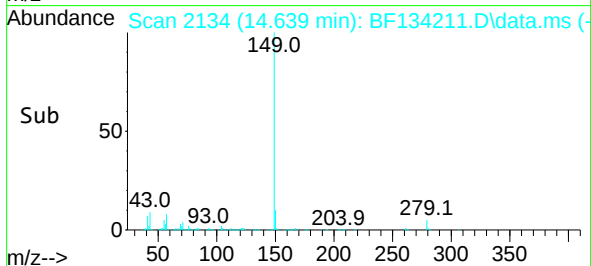
Instrument :
BNA_F
ClientSampleId :
PB153791BS



Tgt Ion:149 Resp: 480392
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.4 9.0 13.4

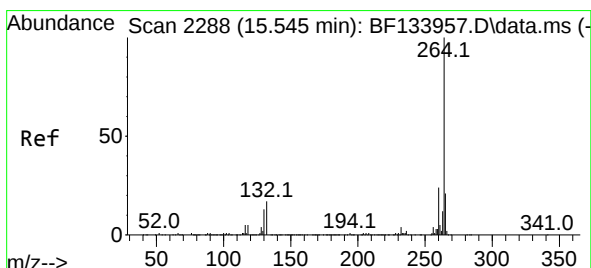
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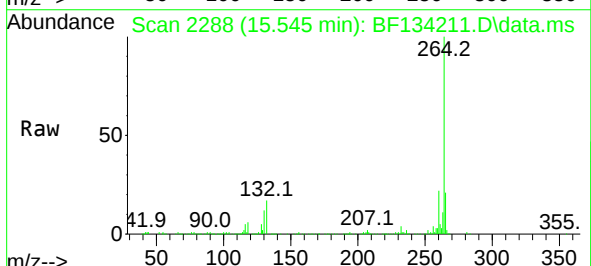


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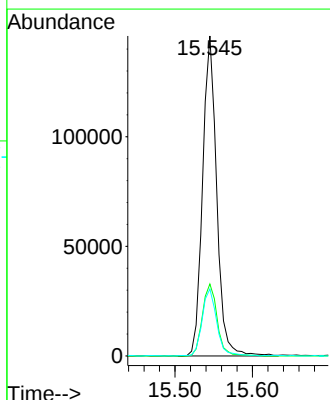
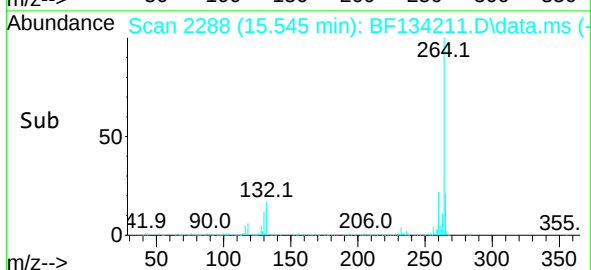
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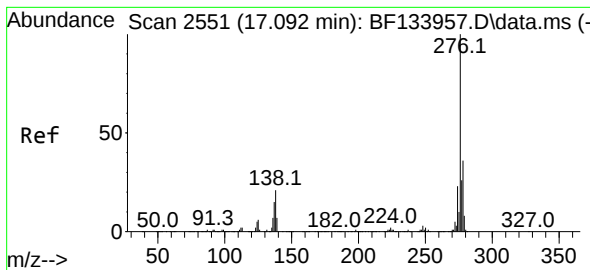


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27



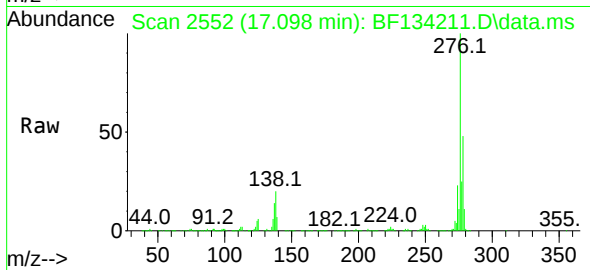
Tgt Ion:264 Resp: 184695
Ion Ratio Lower Upper
264 100
260 22.5 19.5 29.3
265 21.0 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.331 ng
RT: 17.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

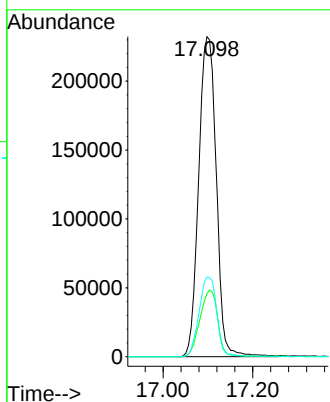
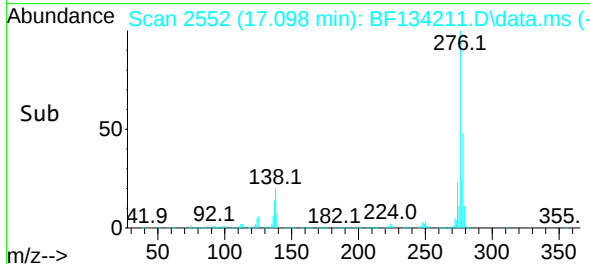
Instrument :
BNA_F
ClientSampleId :
PB153791BS



Tgt Ion:276 Resp: 63222
Ion Ratio Lower Upper
276 100
138 20.9 18.7 28.1
277 25.1 19.9 29.9

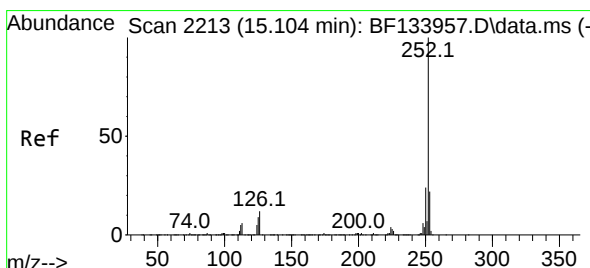
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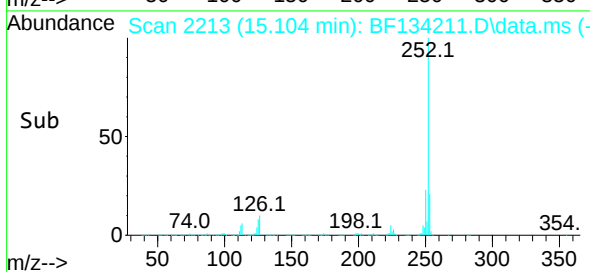
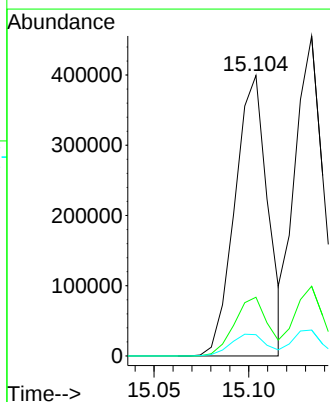
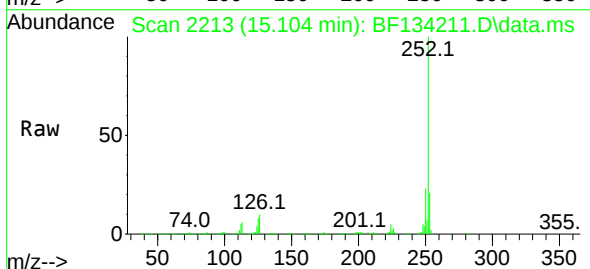
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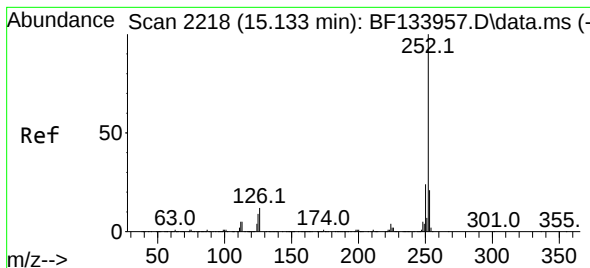
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#88
Benzo(b)fluoranthene
Concen: 44.401 ng
RT: 15.104 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:252 Resp: 482201
Ion Ratio Lower Upper
252 100
253 20.9 17.4 26.0
125 7.6 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 43.491 ng

RT: 15.133 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BF134211.D

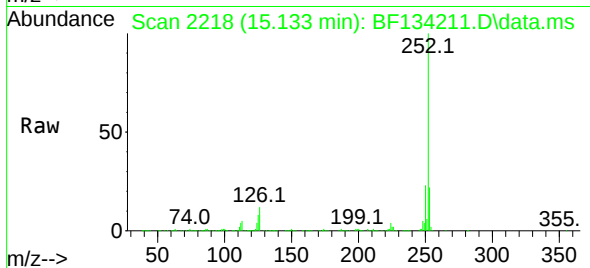
Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

PB153791BS



Tgt Ion:252 Resp: 480894

Ion Ratio Lower Upper

252 100

253 21.8 16.9 25.3

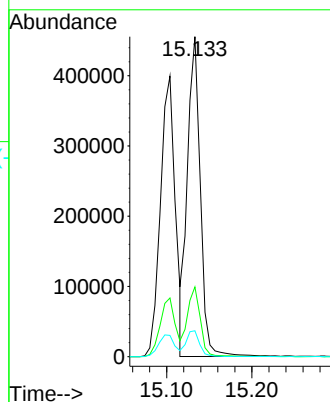
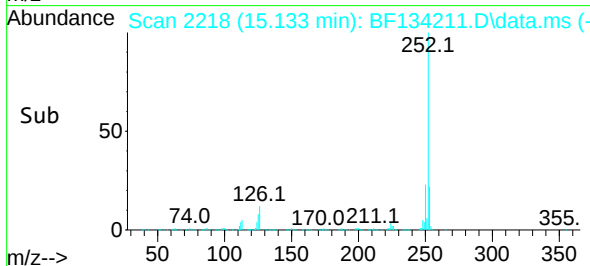
125 8.1 7.4 11.2

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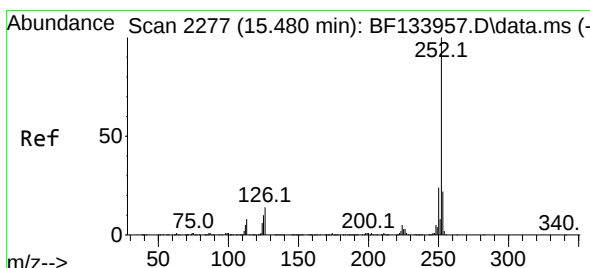
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#90

Benzo(a)pyrene

Concen: 41.950 ng

RT: 15.480 min Scan# 2277

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

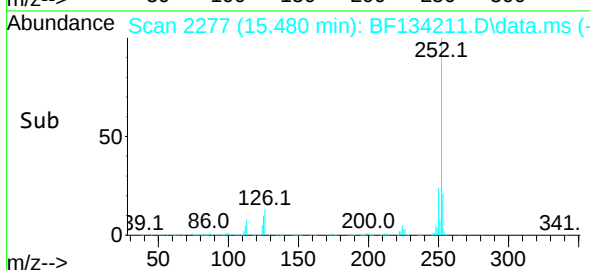
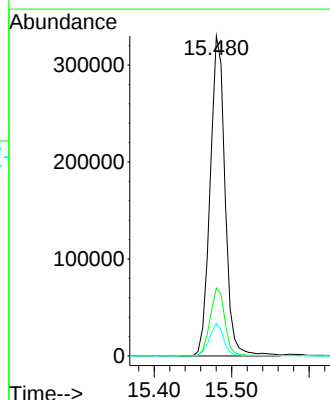
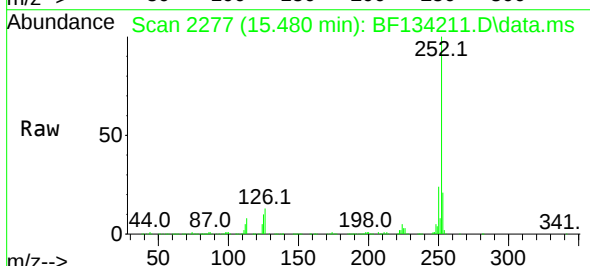
Tgt Ion:252 Resp: 440549

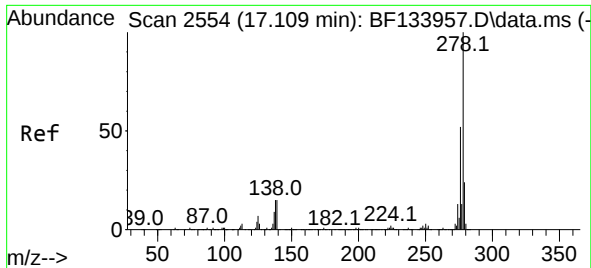
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 10.1 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 49.239 ng
RT: 17.115 min Scan# 2555
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

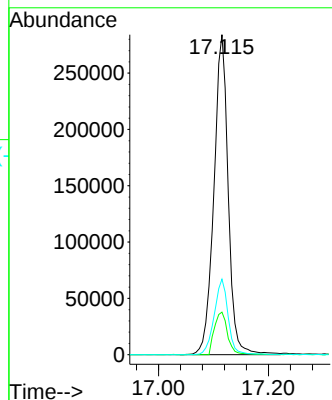
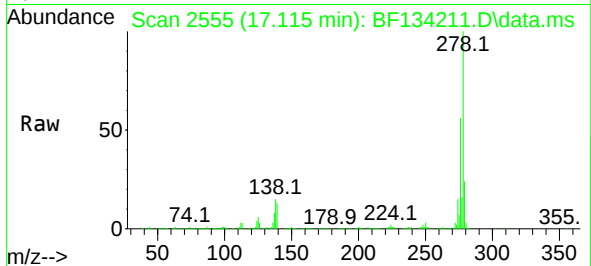
ClientSampleId :

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Tgt Ion:278 Resp: 515428
Ion Ratio Lower Upper
278 100
139 13.3 12.2 18.4
279 23.6 19.4 29.2

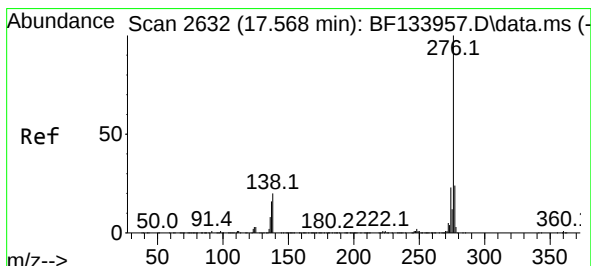
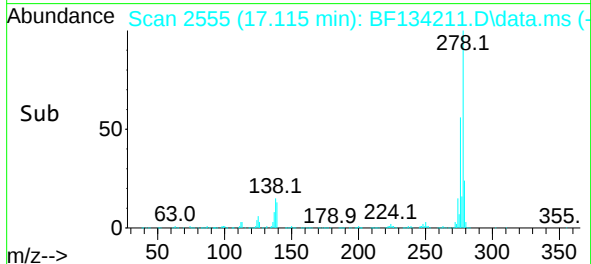
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#92
Benzo(g,h,i)perylene
Concen: 48.371 ng
RT: 17.574 min Scan# 2633
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:276 Resp: 522165
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.6
138 16.3 16.2 24.2

