

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136130.D
 Acq On : 03 Nov 2023 18:09
 Operator : CG\JU
 Sample : 05141-05MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-5MS

Quant Time: Nov 04 00:10:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	114786	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	417330	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	175922	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	283753	20.000	ng	0.00
76) Chrysene-d12	14.010	240	221126	20.000	ng	0.00
86) Perylene-d12	15.498	264	293658	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	561206	76.829	ng	0.00
7) Phenol-d6	6.457	99	688839	75.687	ng	0.00
23) Nitrobenzene-d5	7.381	82	427131	61.698	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	151695	80.785	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	698960	63.336	ng	0.00
79) Terphenyl-d14	12.951	244	678838	47.707	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	116707	36.691	ng	98
3) Pyridine	3.393	79	272246	31.358	ng	99
4) n-Nitrosodimethylamine	3.363	42	140289	38.647	ng	93
6) Aniline	6.481	93	367911	31.223	ng	99
8) 2-Chlorophenol	6.604	128	322356	41.277	ng	99
9) Benzaldehyde	6.369	77	84033	16.559	ng	99
10) Phenol	6.469	94	365029m	38.778	ng	
11) bis(2-Chloroethyl)ether	6.557	93	296358	40.215	ng	96
12) 1,3-Dichlorobenzene	6.763	146	353528	43.494	ng	98
13) 1,4-Dichlorobenzene	6.840	146	358120	43.964	ng	99
14) 1,2-Dichlorobenzene	6.987	146	338100	44.389	ng	96
15) Benzyl Alcohol	6.963	79	253740	39.320	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	405818	40.007	ng	99
17) 2-Methylphenol	7.075	107	235945	35.614	ng	96
18) Hexachloroethane	7.328	117	128642	44.932	ng	97
19) n-Nitroso-di-n-propyla...	7.234	70	195474	37.590	ng	96
20) 3+4-Methylphenols	7.228	107	288360	35.694	ng	95
22) Acetophenone	7.228	105	408472	44.140	ng	# 89
24) Nitrobenzene	7.404	77	311564	44.492	ng	98
25) Isophorone	7.640	82	545127	41.709	ng	100
26) 2-Nitrophenol	7.716	139	158491	49.607	ng	95
27) 2,4-Dimethylphenol	7.757	122	225591	37.366	ng	98
28) bis(2-Chloroethoxy)met...	7.851	93	342236	42.737	ng	100
29) 2,4-Dichlorophenol	7.957	162	244600	42.975	ng	98
30) 1,2,4-Trichlorobenzene	8.040	180	279376	44.996	ng	99
31) Naphthalene	8.122	128	874598	43.459	ng	99
32) Benzoic acid	7.863	122	172504	36.981	ng	100
33) 4-Chloroaniline	8.169	127	245411	27.846	ng	99
34) Hexachlorobutadiene	8.240	225	167884	47.149	ng	99
35) Caprolactam	8.539	113	68693m	37.117	ng	
36) 4-Chloro-3-methylphenol	8.651	107	246625	41.274	ng	97
37) 2-Methylnaphthalene	8.816	142	552406	40.938	ng	100
38) 1-Methylnaphthalene	8.916	142	475732	37.884	ng	100
40) 1,2,4,5-Tetrachloroben...	8.981	216	239111	47.659	ng	98
41) Hexachlorocyclopentadiene	8.969	237	252485	94.197	ng	98
43) 2,4,6-Trichlorophenol	9.092	196	144981	44.320	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	153156	40.417	ng	98
46) 1,1'-Biphenyl	9.281	154	604499	45.075	ng	98
47) 2-Chloronaphthalene	9.304	162	454759	45.998	ng	98
48) 2-Nitroaniline	9.398	65	127550	43.594	ng	97
49) Acenaphthylene	9.722	152	692524	44.902	ng	99
50) Dimethylphthalate	9.586	163	491889	42.389	ng	99
51) 2,6-Dinitrotoluene	9.645	165	108927	43.889	ng	94
52) Acenaphthene	9.892	154	428017	43.655	ng	99
53) 3-Nitroaniline	9.810	138	93513	32.292	ng	94
54) 2,4-Dinitrophenol	9.922	184	94211	71.033	ng	97
55) Dibenzofuran	10.069	168	609484	42.631	ng	97
56) 4-Nitrophenol	9.975	139	168843	77.945	ng	87
57) 2,4-Dinitrotoluene	10.051	165	137611	43.823	ng	88
58) Fluorene	10.410	166	454545	42.464	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	123114	40.866	ng	98
60) Diethylphthalate	10.286	149	466939	42.115	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	227385	42.556	ng	96
62) 4-Nitroaniline	10.428	138	101344	36.343	ng	94
63) Azobenzene	10.563	77	431471	40.408	ng	98
65) 4,6-Dinitro-2-methylph...	10.457	198	62365	40.965	ng	99
66) n-Nitrosodiphenylamine	10.522	169	391507	45.738	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	139125	46.766	ng	95
68) Hexachlorobenzene	10.957	284	156071	49.121	ng	# 93
69) Atrazine	11.057	200	130200	55.905	ng	98
70) Pentachlorophenol	11.151	266	164980	80.852	ng	98
71) Phenanthrene	11.375	178	655064	45.850	ng	99
72) Anthracene	11.428	178	647221	44.209	ng	100
73) Carbazole	11.586	167	541989	42.603	ng	99
74) Di-n-butylphthalate	11.922	149	689238	47.413	ng	99
75) Fluoranthene	12.569	202	664728	45.290	ng	98
77) Benzidine	12.698	184	342357	79.434	ng	99
78) Pyrene	12.798	202	677171	34.735	ng	99
80) Butylbenzylphthalate	13.433	149	289003	41.413	ng	98
81) Benzo(a)anthracene	13.998	228	648140	44.274	ng	99
82) 3,3'-Dichlorobenzidine	13.969	252	221023	47.304	ng	# 98
83) Chrysene	14.039	228	629899	43.691	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	392525	48.279	ng	97
85) Di-n-octyl phthalate	14.621	149	773901	63.540	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	814820	42.456	ng	97
88) Benzo(b)fluoranthene	15.063	252	741194	42.656	ng	99
89) Benzo(k)fluoranthene	15.092	252	691594	40.226	ng	99
90) Benzo(a)pyrene	15.439	252	665829	41.240	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	671908	42.739	ng	98
92) Benzo(g,h,i)perylene	17.480	276	614706	35.167	ng	97

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

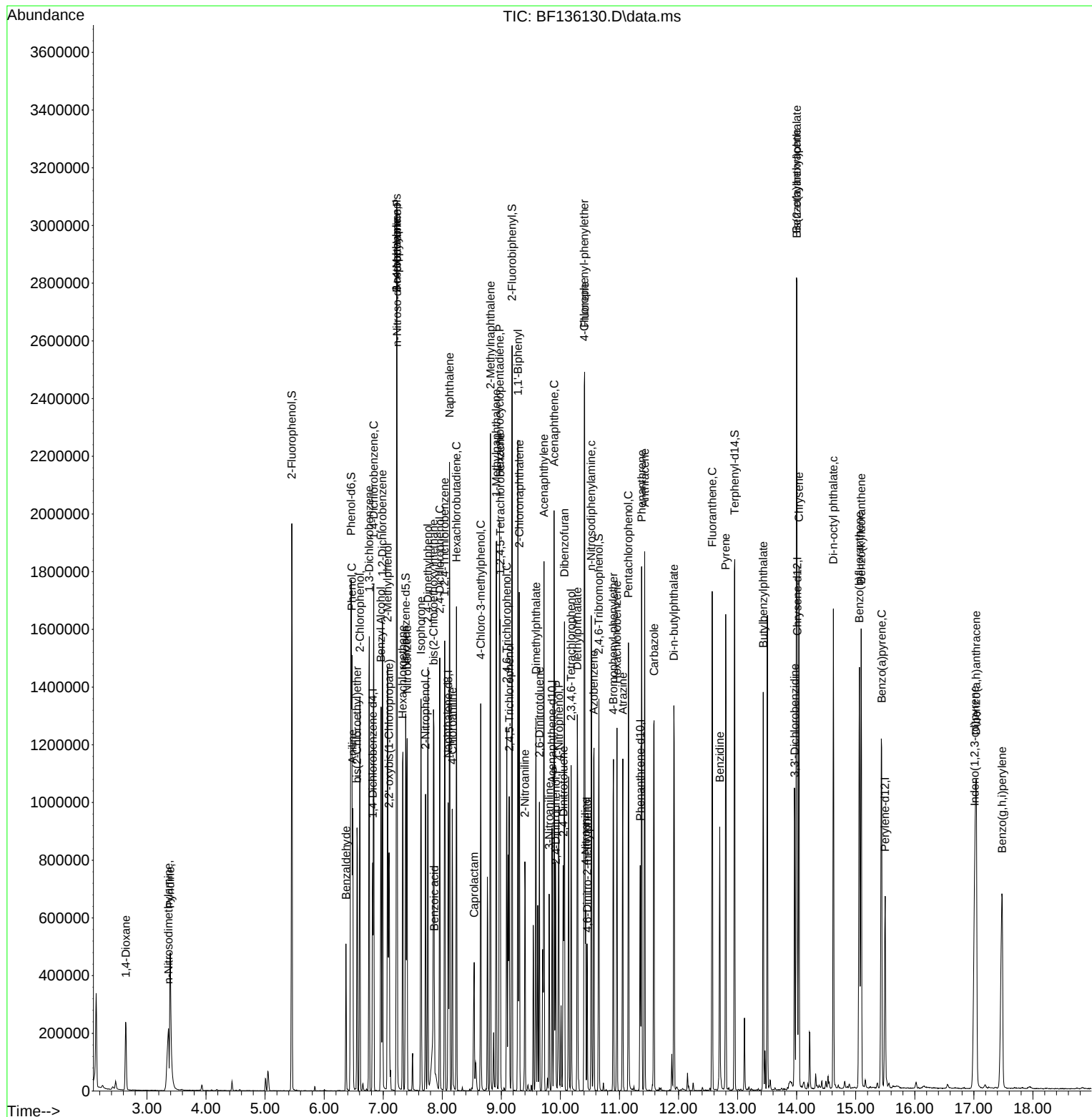
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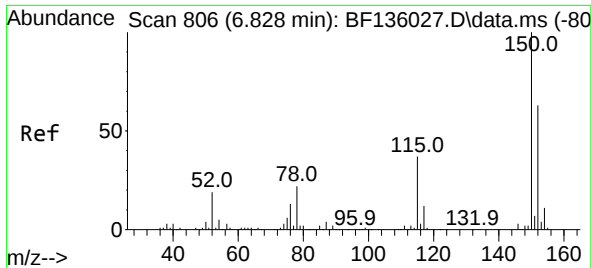
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 806
 Delta R.T. -0.006 min
 Lab File: BF136130.D
 Acq: 03 Nov 2023 18:09

Instrument :

BNA_F

ClientSampleId :

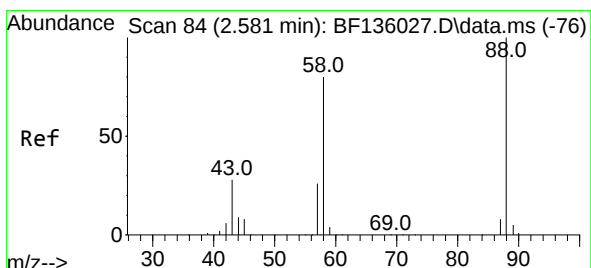
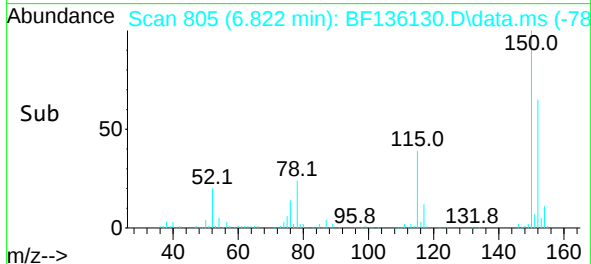
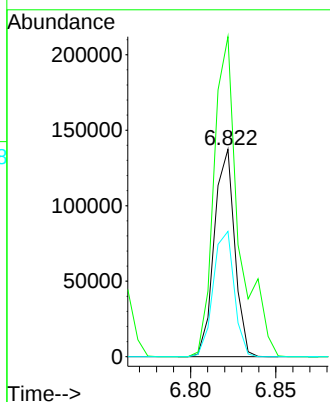
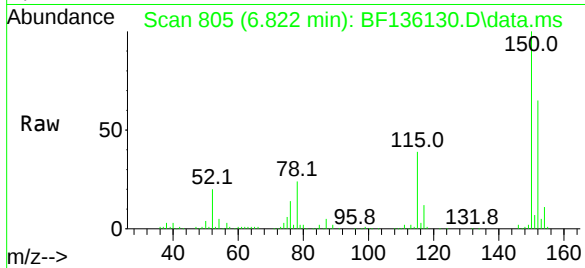
PE-5MS

Tgt Ion:152 Resp: 114780
 Ion Ratio Lower Upper
 152 100
 150 154.3 126.4 189.6
 115 60.4 47.0 70.4

Manual Integrations

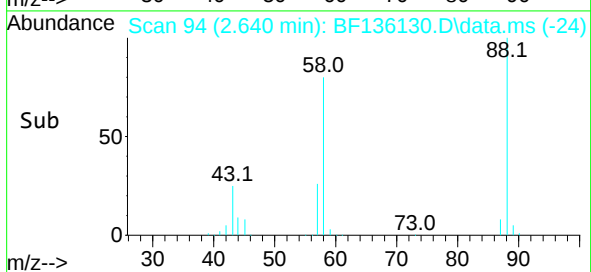
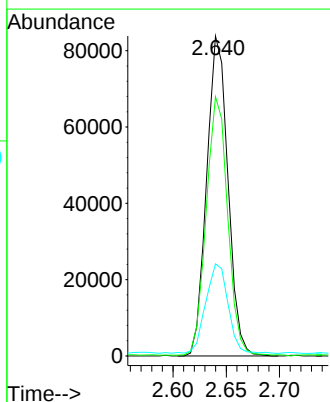
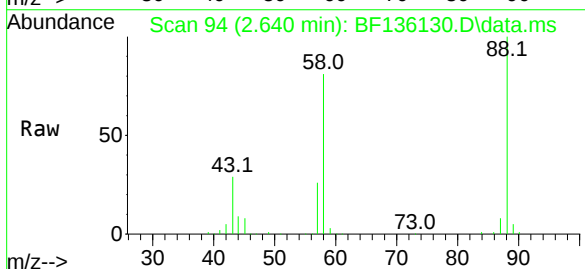
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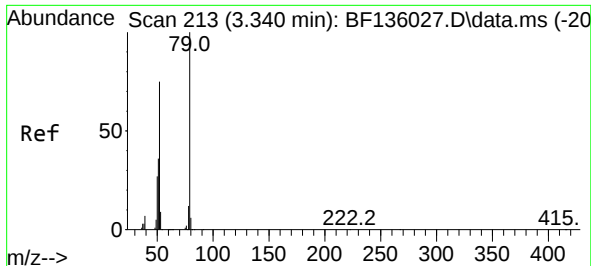
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#2
 1,4-Dioxane
 Concen: 36.691 ng
 RT: 2.640 min Scan# 94
 Delta R.T. 0.059 min
 Lab File: BF136130.D
 Acq: 03 Nov 2023 18:09

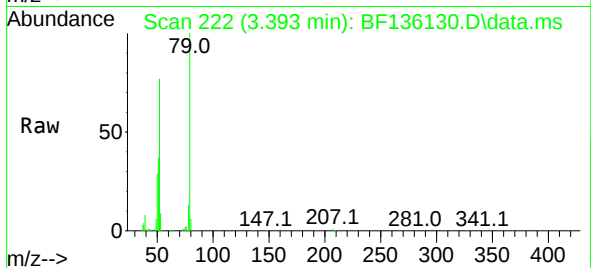
Tgt Ion: 88 Resp: 116707
 Ion Ratio Lower Upper
 88 100
 58 82.3 64.3 96.5
 43 29.4 22.3 33.5





#3
Pyridine
Concen: 31.358 ng
RT: 3.393 min Scan# 213
Delta R.T. 0.053 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

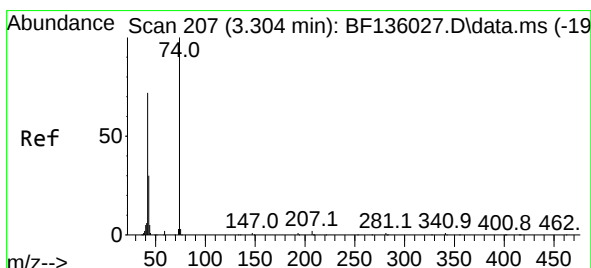
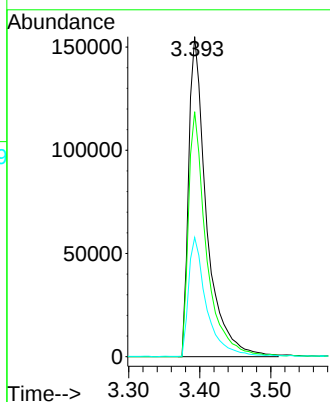
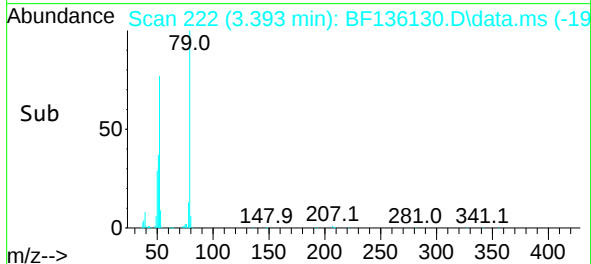
Instrument :
BNA_F
ClientSampleId :
PE-5MS



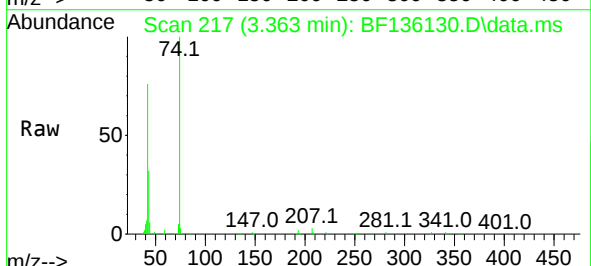
Tgt Ion: 79 Resp: 272240
Ion Ratio Lower Upper
79 100
52 76.5 60.3 90.5
51 37.2 29.3 43.9

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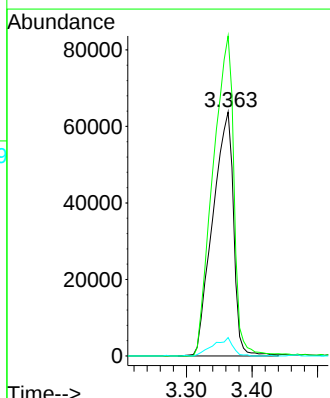
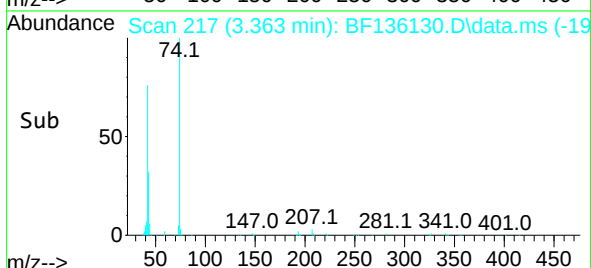
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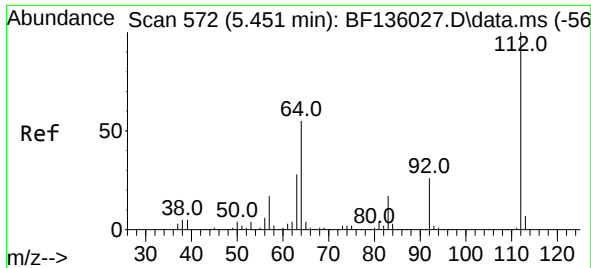


#4
n-Nitrosodimethylamine
Concen: 38.647 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.059 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09



Tgt Ion: 42 Resp: 140289
Ion Ratio Lower Upper
42 100
74 131.1 111.8 167.6
44 7.5 6.2 9.4





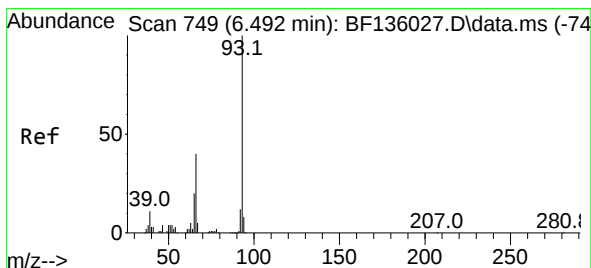
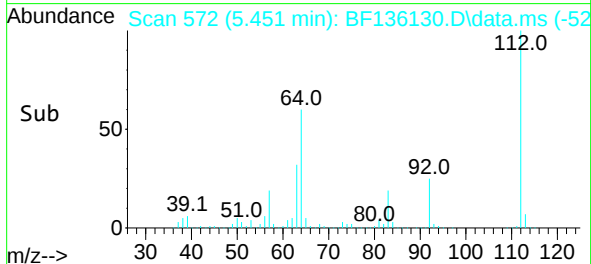
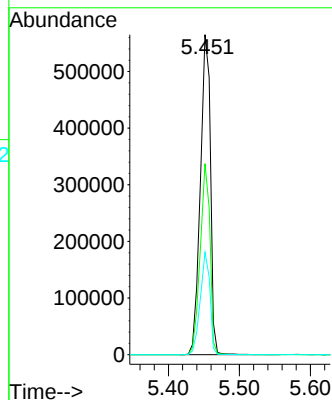
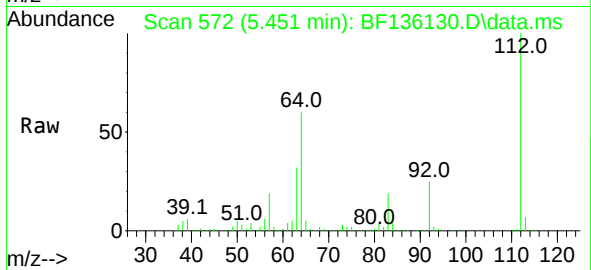
#5
2-Fluorophenol
Concen: 76.829 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

Instrument :
BNA_F
ClientSampleId :
PE-5MS

Tgt Ion:112 Resp: 561200
Ion Ratio Lower Upper
112 100
64 59.7 43.9 65.9
63 32.0 22.4 33.6

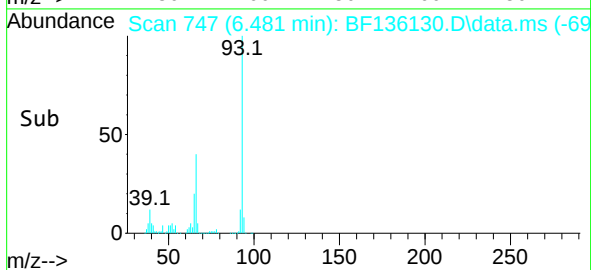
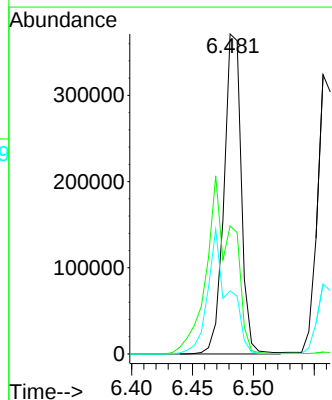
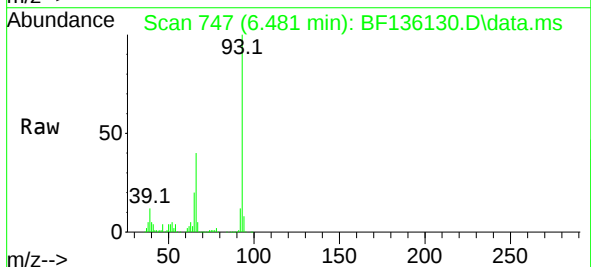
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#6
Aniline
Concen: 31.223 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

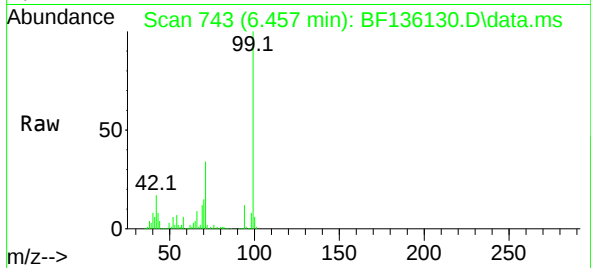
Tgt Ion: 93 Resp: 367911
Ion Ratio Lower Upper
93 100
66 40.0 32.4 48.6
65 19.7 16.2 24.2





#7
Phenol-d6
Concen: 75.687 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

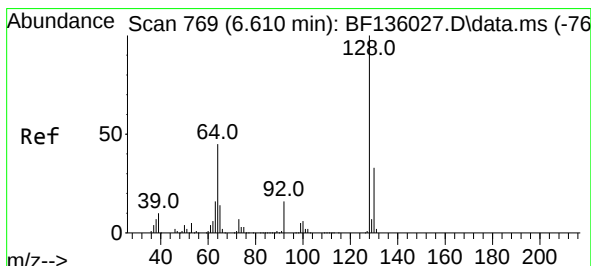
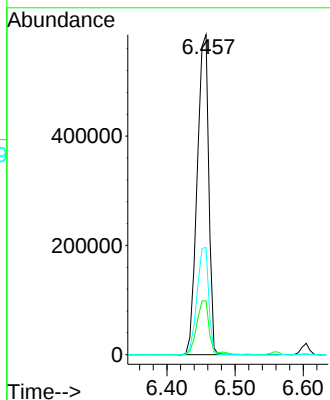
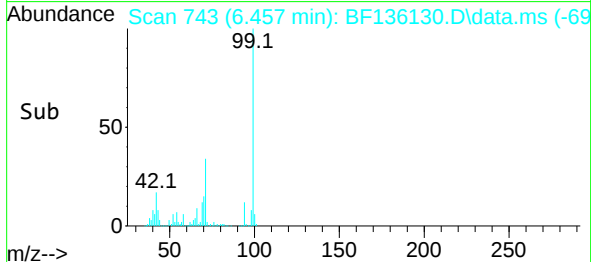
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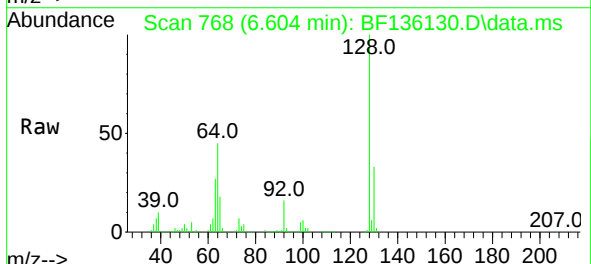
Tgt Ion: 99 Resp: 688839
Ion Ratio Lower Upper
99 100
42 16.8 13.7 20.5
71 33.5 25.9 38.9

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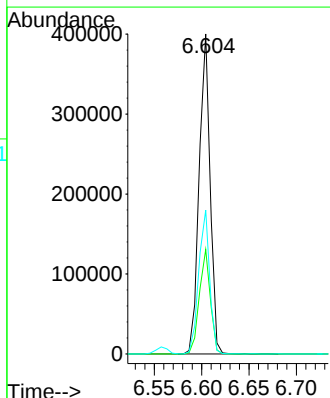
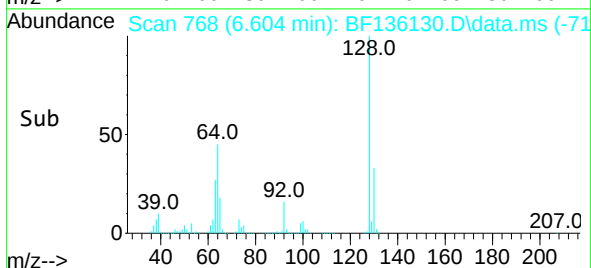
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#8
2-Chlorophenol
Concen: 41.277 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09



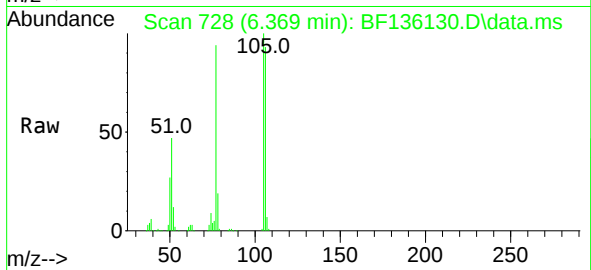
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Ion Ratio Lower Upper
128 100
130 32.7 12.8 52.8
64 45.0 25.8 65.8





#9
Benzaldehyde
Concen: 16.559 ng
RT: 6.369 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF136130.D
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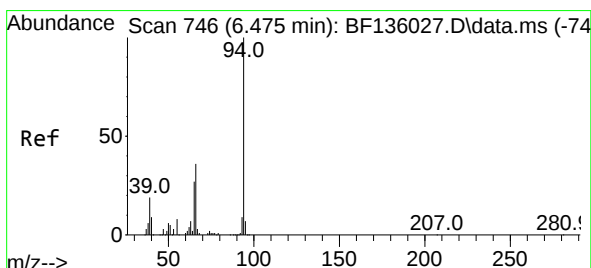
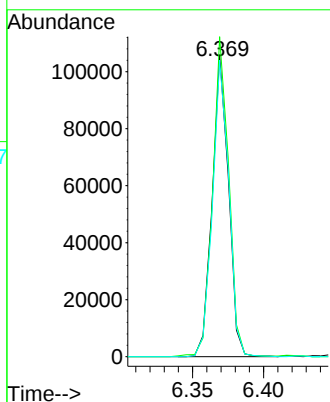
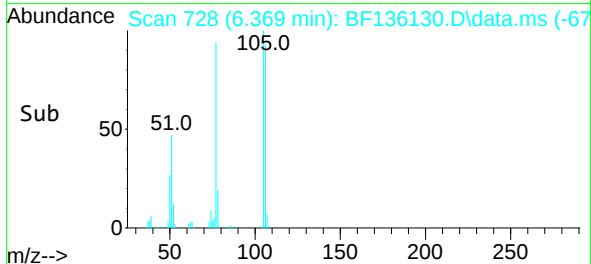
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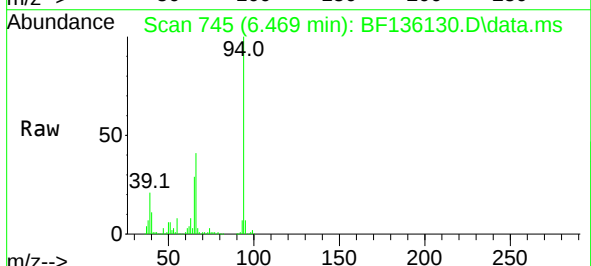
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Ion Ratio Lower Upper
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106 98.2 79.8 119.8

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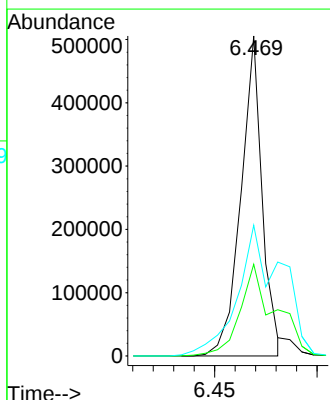
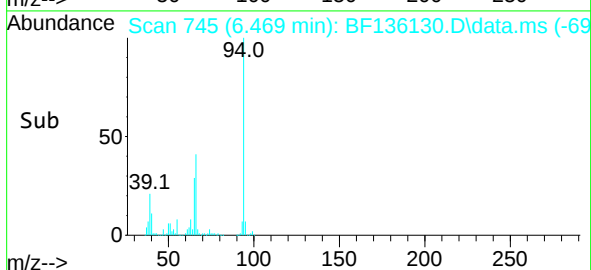
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

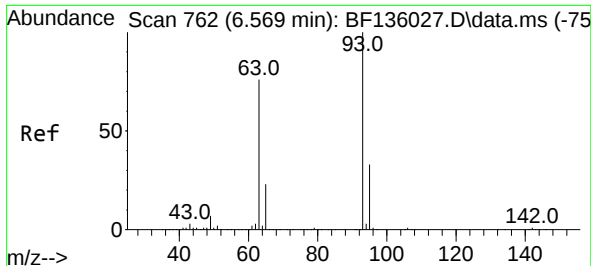


#10
Phenol
Concen: 38.778 ng m
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09



Tgt Ion: 94 Resp: 365029
Ion Ratio Lower Upper
94 100
65 28.6 7.5 47.5
66 40.8 17.1 57.1





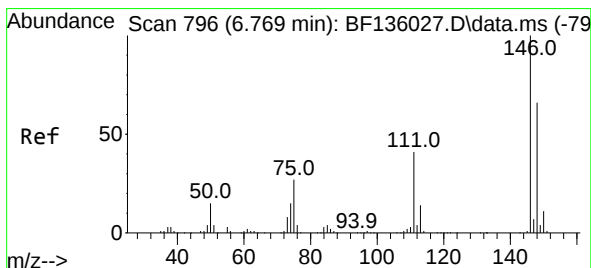
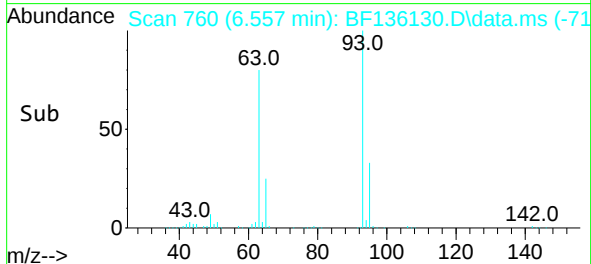
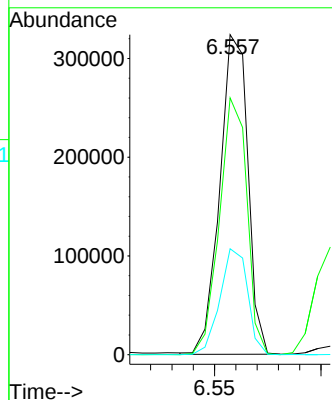
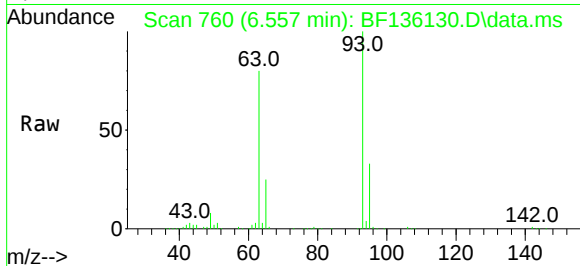
#11
bis(2-Chloroethyl)ether
Concen: 40.215 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.012 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

Instrument :
BNA_F
ClientSampleId :
PE-5MS

Tgt Ion: 93 Resp: 296358
Ion Ratio Lower Upper
93 100
63 80.3 55.8 95.8
95 33.1 12.9 52.9

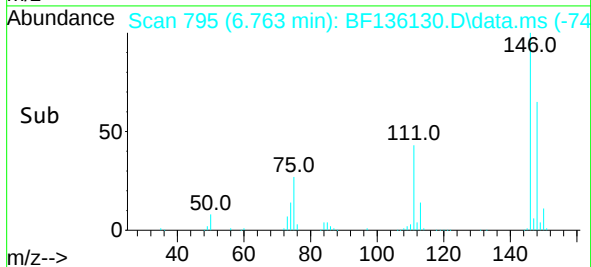
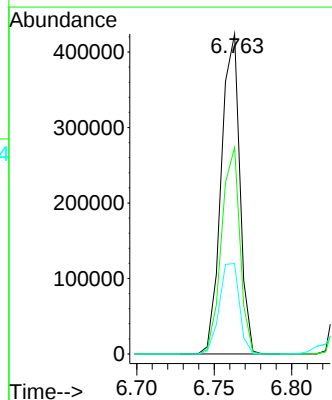
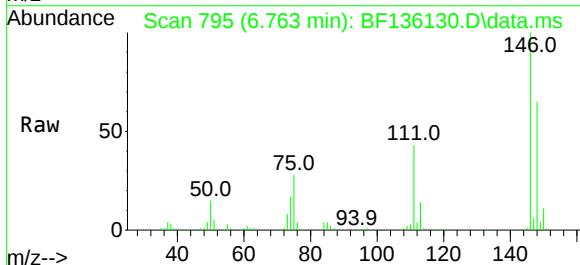
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#12
1,3-Dichlorobenzene
Concen: 43.494 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

Tgt Ion:146 Resp: 353528
Ion Ratio Lower Upper
146 100
148 64.5 52.6 78.8
75 28.2 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 43.964 ng

RT: 6.840 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF136130.D

Acq: 03 Nov 2023 18:09

Instrument :

BNA_F

ClientSampleId :

PE-5MS

Tgt Ion:146 Resp: 358120

Ion Ratio Lower Upper

146 100

148 64.6 52.1 78.1

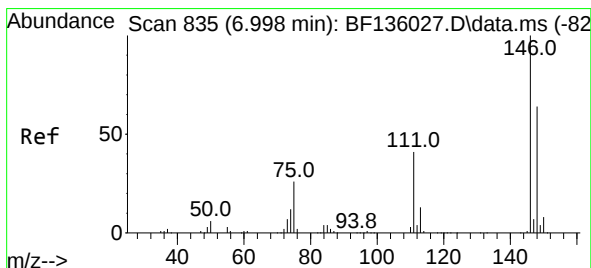
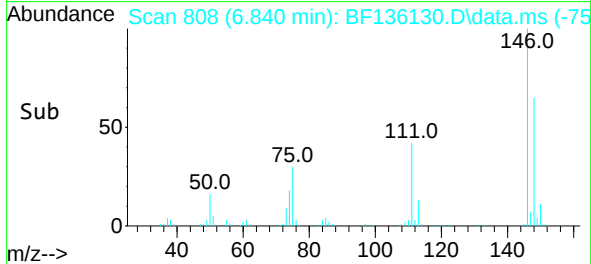
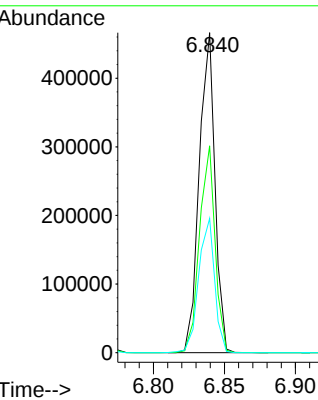
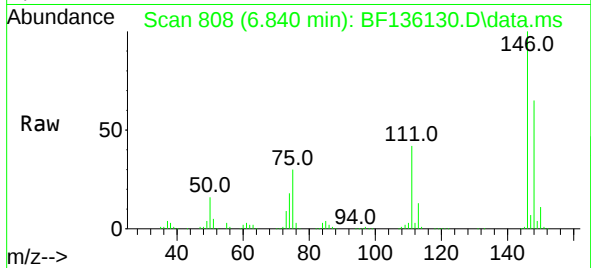
111 42.0 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#14

1,2-Dichlorobenzene

Concen: 44.389 ng

RT: 6.987 min Scan# 833

Delta R.T. -0.012 min

Lab File: BF136130.D

Acq: 03 Nov 2023 18:09

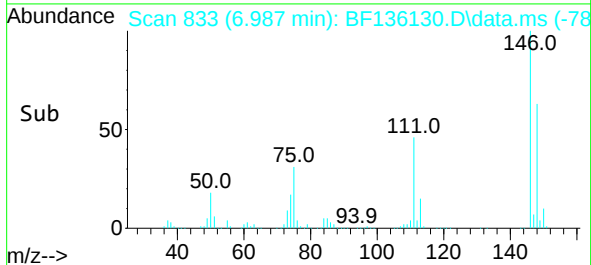
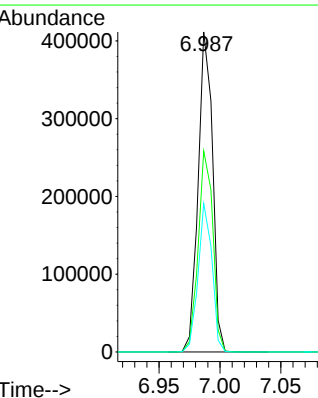
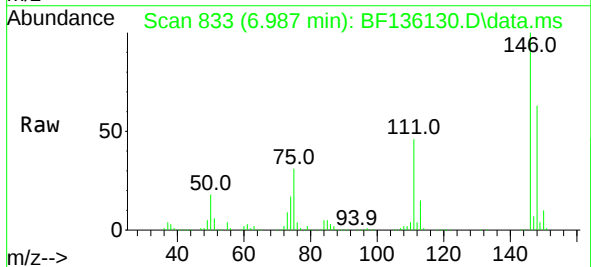
Tgt Ion:146 Resp: 338100

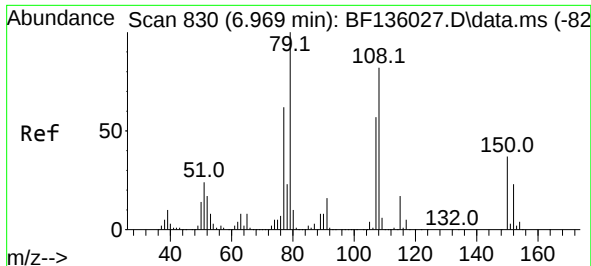
Ion Ratio Lower Upper

146 100

148 62.8 51.4 77.2

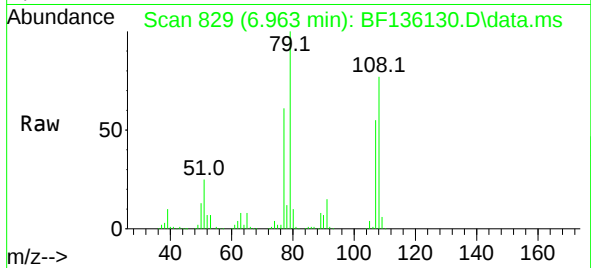
111 46.4 33.0 49.4





#15
Benzyl Alcohol
Concen: 39.320 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

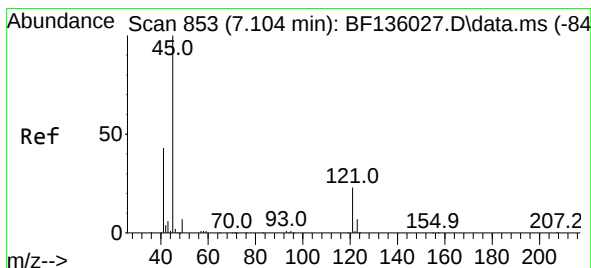
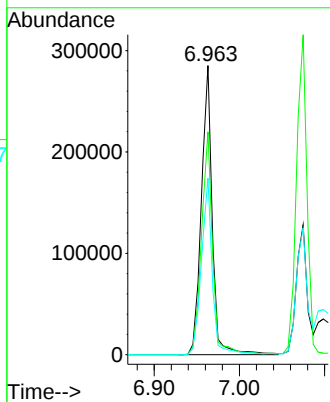
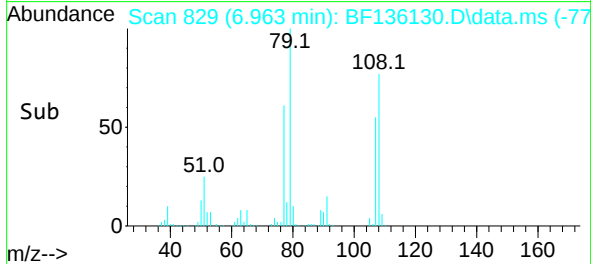
Instrument :
BNA_F
ClientSampleId :
PE-5MS



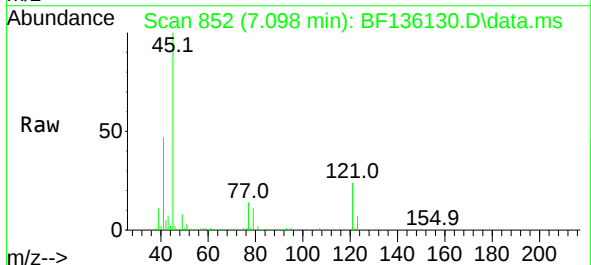
Tgt Ion: 79 Resp: 253740
Ion Ratio Lower Upper
79 100
108 77.1 65.9 98.9
77 61.0 49.4 74.2

Manual Integrations
APPROVED

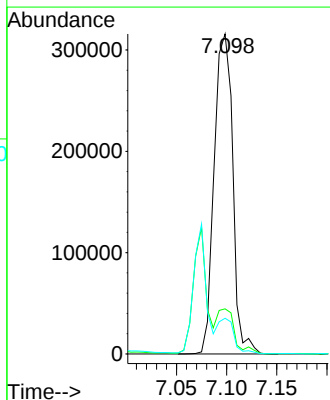
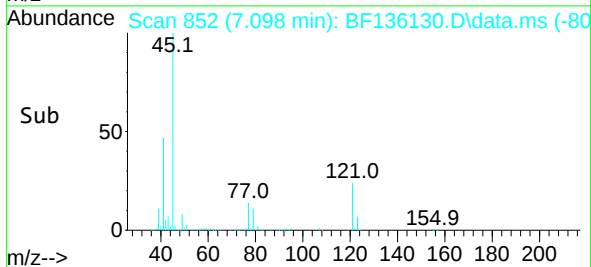
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

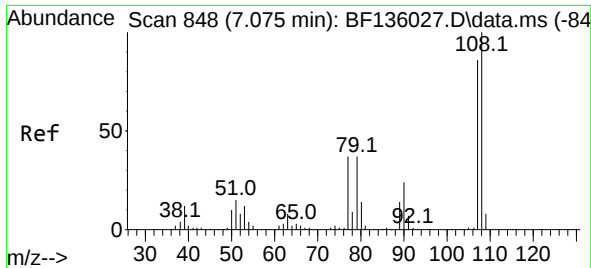


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.007 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09



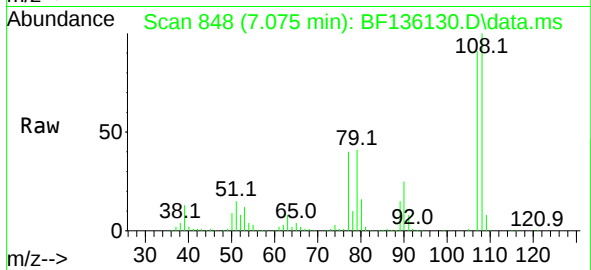
Tgt Ion: 45 Resp: 405818
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.6
79 11.2 0.0 30.6





#17
2-Methylphenol
Concen: 35.614 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

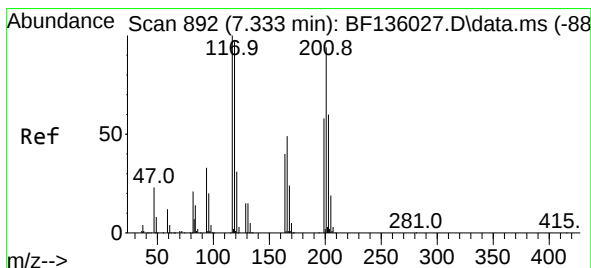
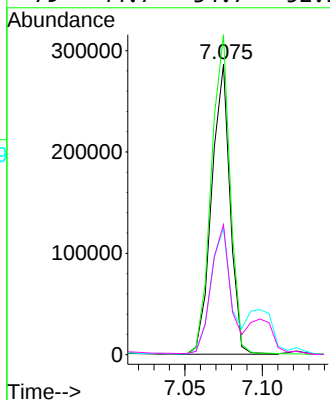
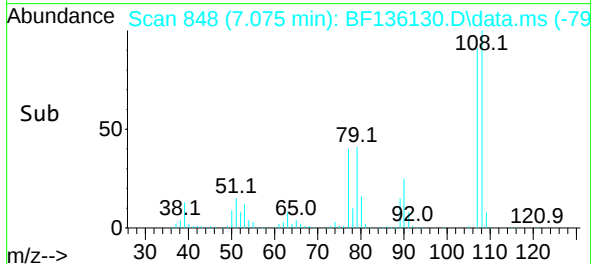
Instrument :
BNA_F
ClientSampleId :
PE-5MS



Tgt Ion:107 Resp: 23594
Ion Ratio Lower Upper
107 100
108 110.2 93.4 140.2
77 43.6 34.4 51.6
79 44.7 34.7 52.1

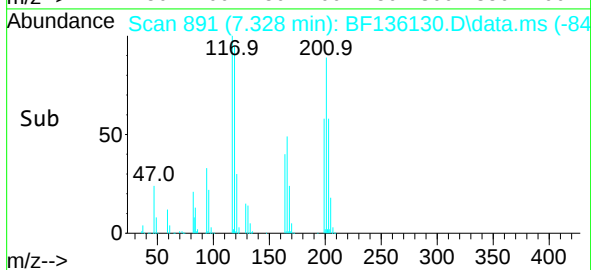
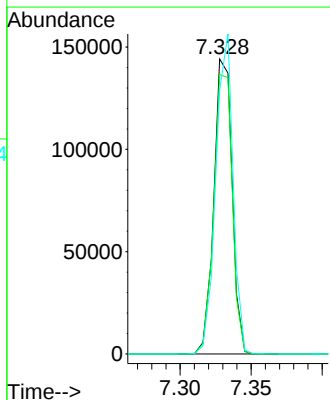
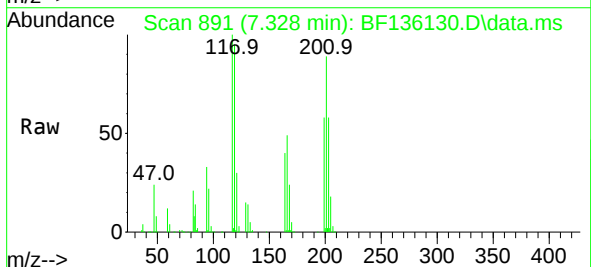
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#18
Hexachloroethane
Concen: 44.932 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

Tgt Ion:117 Resp: 128642
Ion Ratio Lower Upper
117 100
119 94.7 77.7 116.5
201 89.5 75.0 112.6





#19
n-Nitroso-di-n-propylamine
Concen: 37.590 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

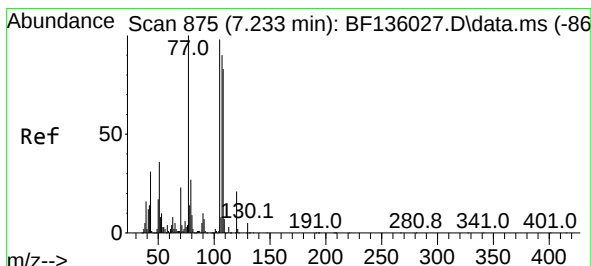
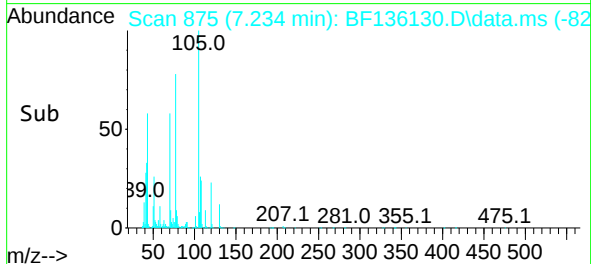
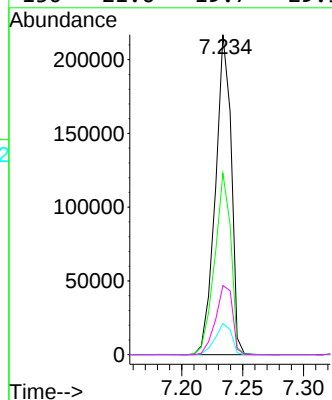
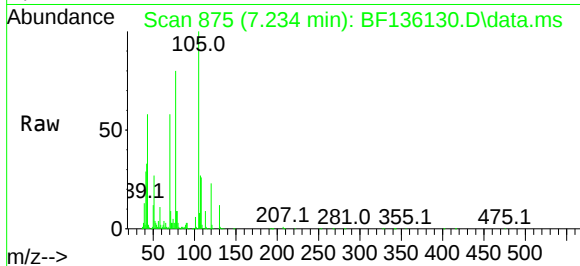
Instrument :
BNA_F
ClientSampleId :
PE-5MS

Tgt Ion: 70 Resp: 195474

Ion	Ratio	Lower	Upper
70	100		
42	56.7	43.0	64.4
101	9.8	8.0	12.0
130	21.6	19.7	29.5

Manual Integrations
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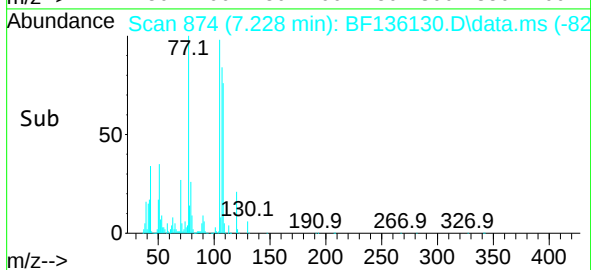
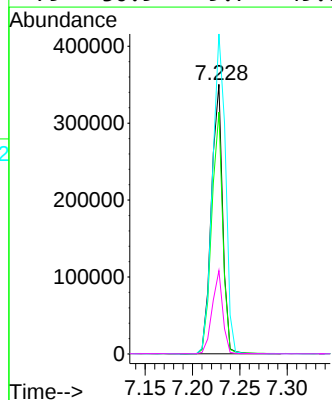
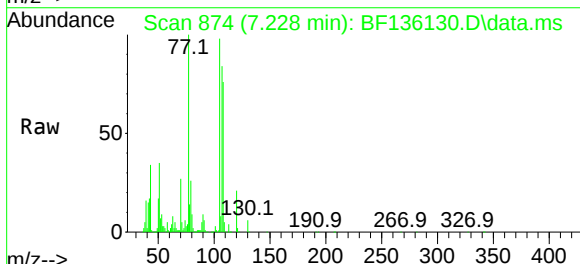
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

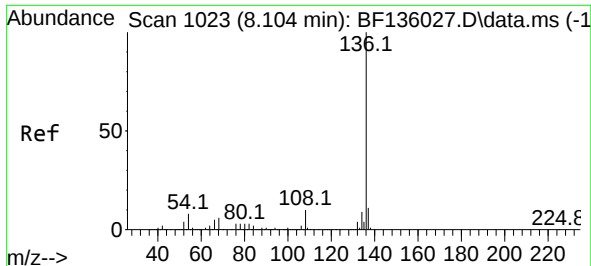


#20
3+4-Methylphenols
Concen: 35.694 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

Tgt Ion:107 Resp: 288360

Ion	Ratio	Lower	Upper
107	100		
108	89.7	72.3	112.3
77	118.7	91.4	131.4
79	30.9	9.7	49.7





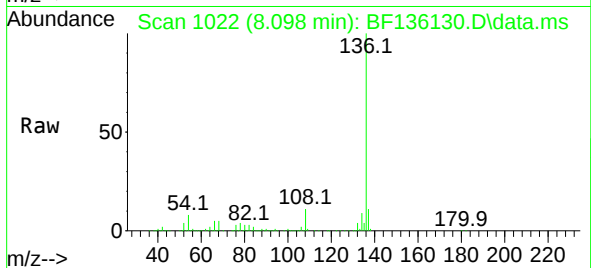
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

Instrument :

BNA_F

ClientSampleId :

PE-5MS

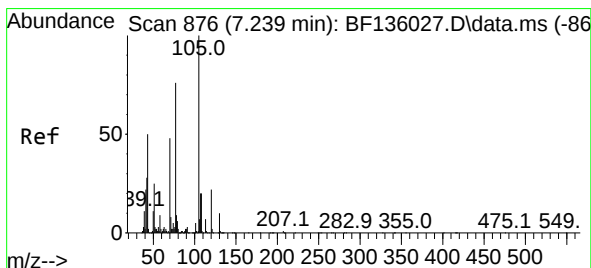
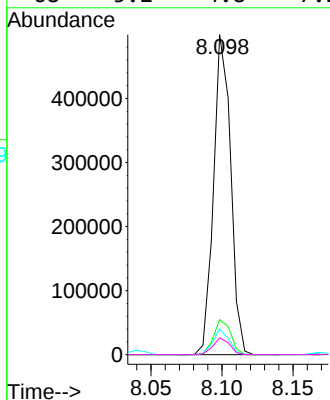
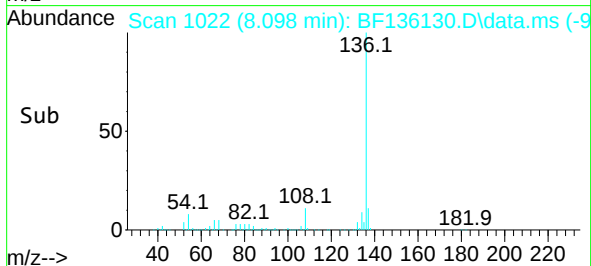


Tgt Ion:136 Resp: 417330
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.1 6.6 9.8
68 5.2 4.8 7.2

Manual Integrations

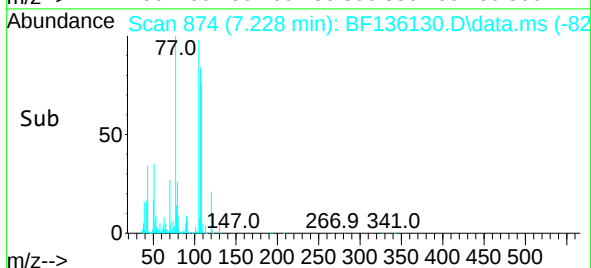
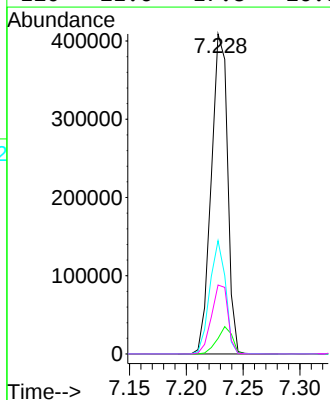
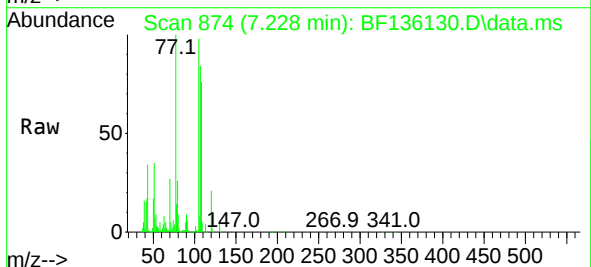
APPROVED

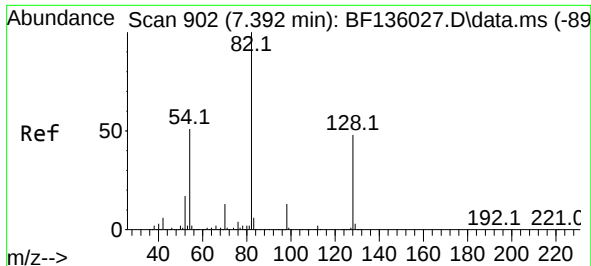
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#22
Acetophenone
Concen: 44.140 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.012 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

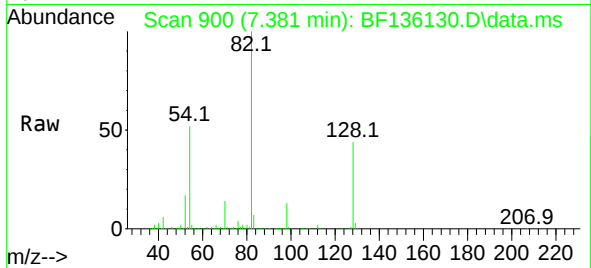
Tgt Ion:105 Resp: 408472
Ion Ratio Lower Upper
105 100
71 4.8 6.5 9.7#
51 35.4 20.3 30.5#
120 21.6 17.8 26.8





#23
Nitrobenzene-d5
Concen: 61.698 ng
RT: 7.381 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

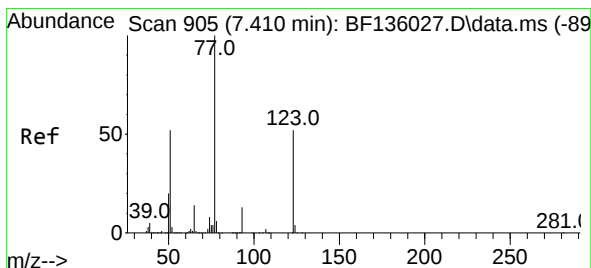
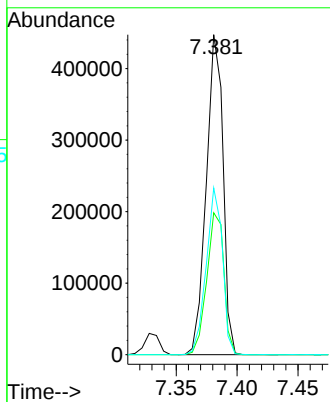
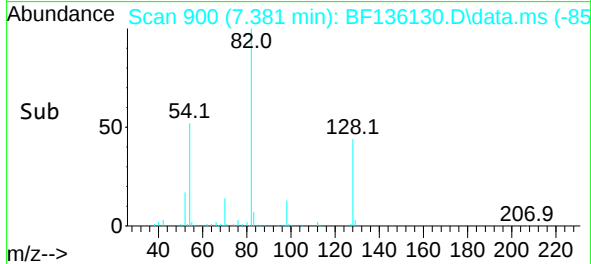
Instrument :
BNA_F
ClientSampleId :
PE-5MS



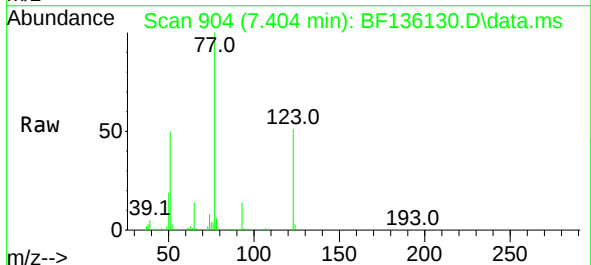
Tgt Ion: 82 Resp: 42713
Ion Ratio Lower Upper
82 100
128 44.4 38.6 57.8
54 52.1 40.8 61.2

Manual Integrations
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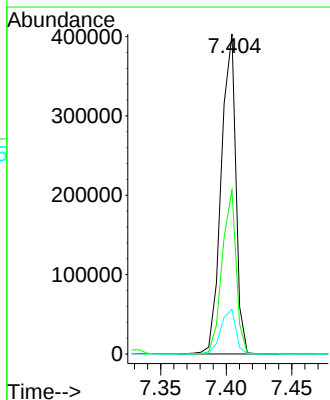
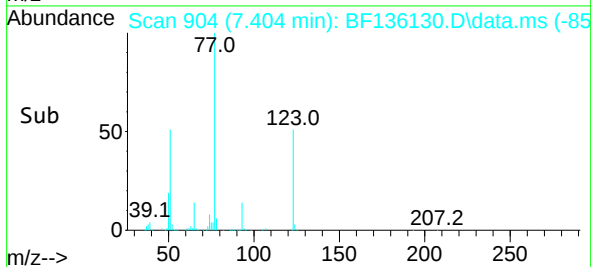
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

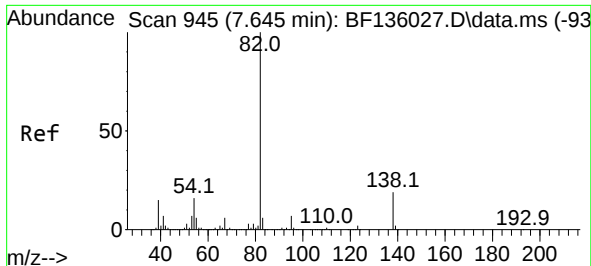


#24
Nitrobenzene
Concen: 44.492 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09



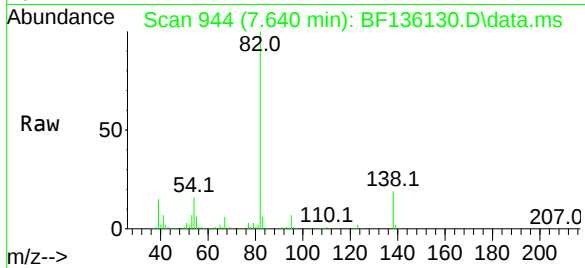
Tgt Ion: 77 Resp: 311564
Ion Ratio Lower Upper
77 100
123 51.1 42.3 63.5
65 13.9 11.0 16.6





#25
Isophorone
Concen: 41.709 ng
RT: 7.640 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

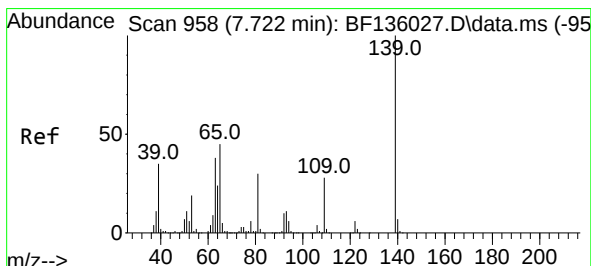
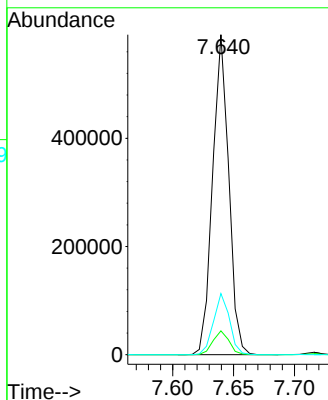
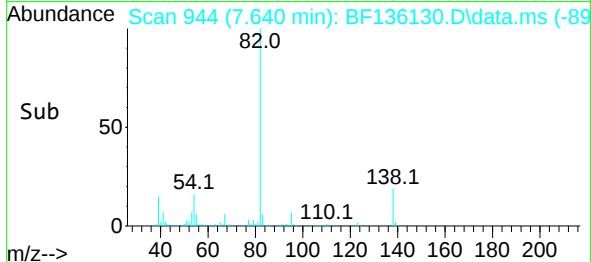
Instrument :
BNA_F
ClientSampleId :
PE-5MS



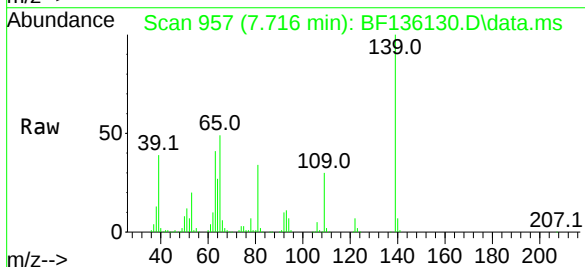
Tgt Ion: 82 Resp: 54512
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 19.1 15.3 22.9

Manual Integrations
APPROVED

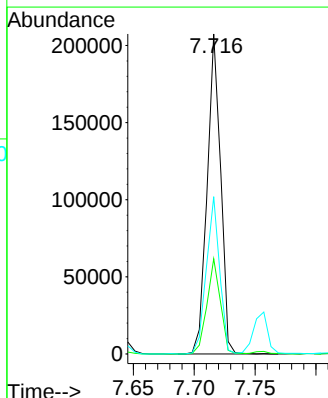
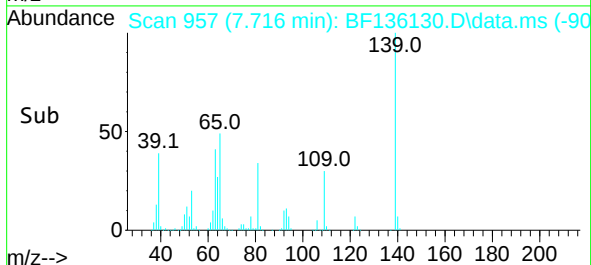
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

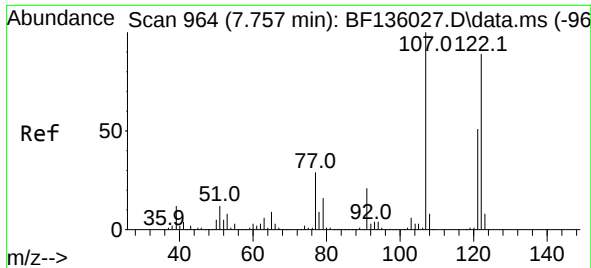


#26
2-Nitrophenol
Concen: 49.607 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09



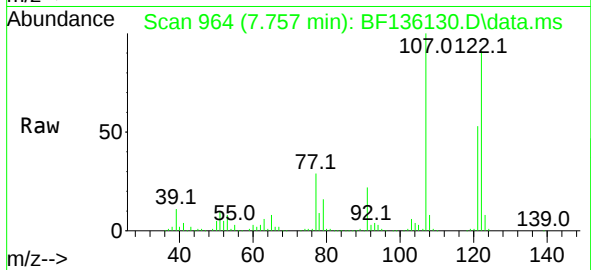
Tgt Ion:139 Resp: 158491
Ion Ratio Lower Upper
139 100
109 29.8 22.6 34.0
65 49.1 36.3 54.5





#27
2,4-Dimethylphenol
Concen: 37.366 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

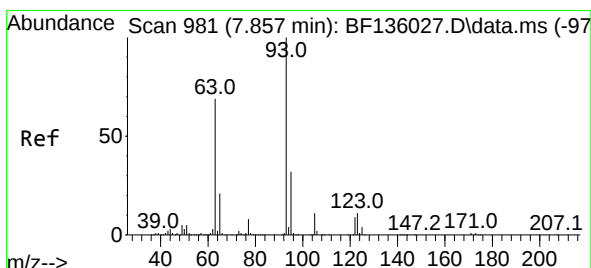
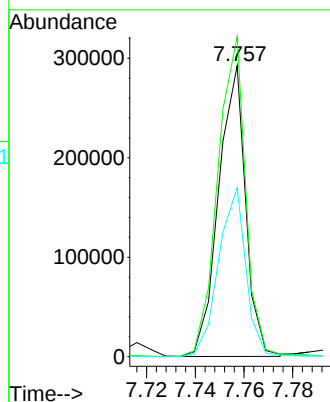
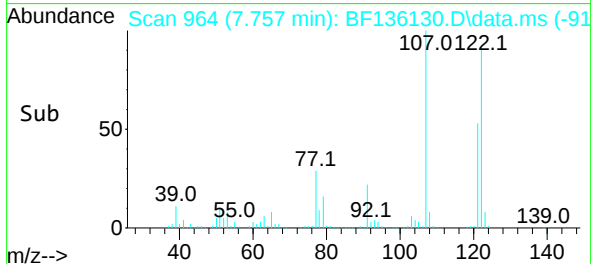
Instrument :
BNA_F
ClientSampleId :
PE-5MS



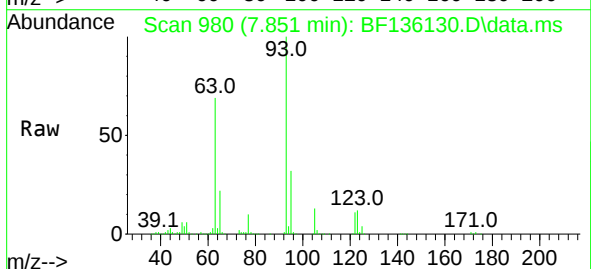
Tgt Ion:122 Resp: 22559
Ion Ratio Lower Upper
122 100
107 109.9 89.6 134.4
121 58.0 46.0 69.0

Manual Integrations
APPROVED

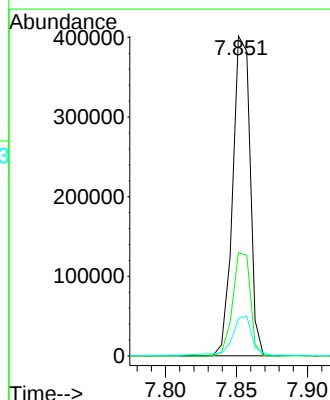
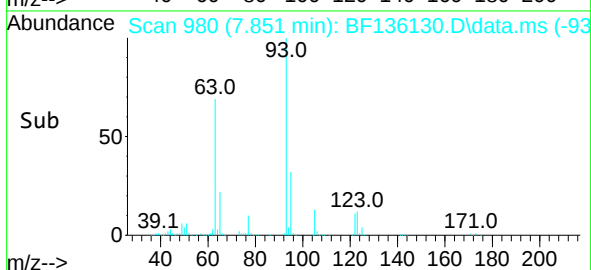
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#28
bis(2-Chloroethoxy)methane
Concen: 42.737 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09



Tgt Ion: 93 Resp: 342236
Ion Ratio Lower Upper
93 100
95 32.2 25.7 38.5
123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.975 ng

RT: 7.957 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF136130.D

Acq: 03 Nov 2023 18:09

Instrument :

BNA_F

ClientSampleId :

PE-5MS

Tgt Ion:162 Resp: 244600

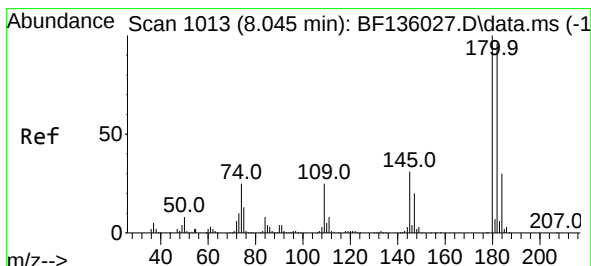
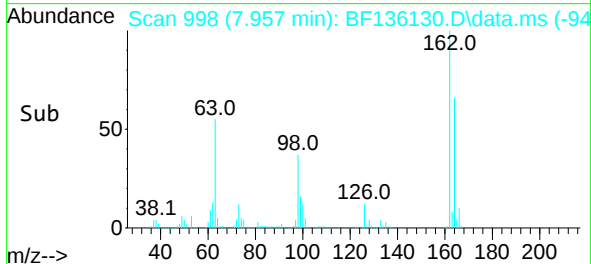
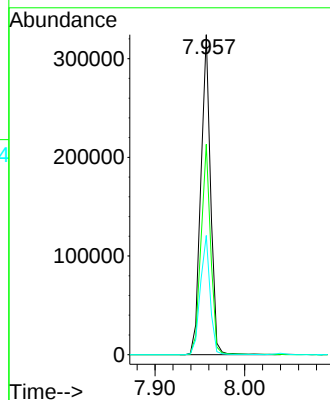
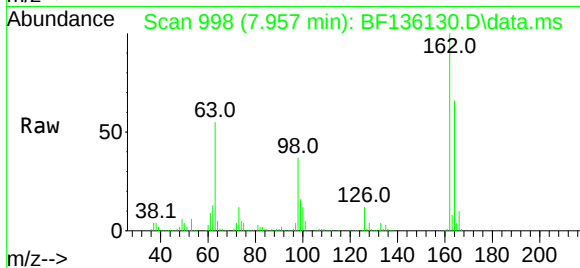
Ion	Ratio	Lower	Upper
162	100		
164	65.7	45.5	85.5
98	37.3	14.4	54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.996 ng

RT: 8.040 min Scan# 1012

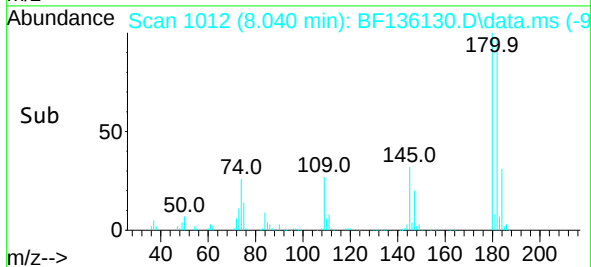
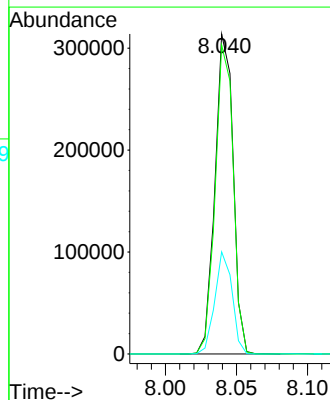
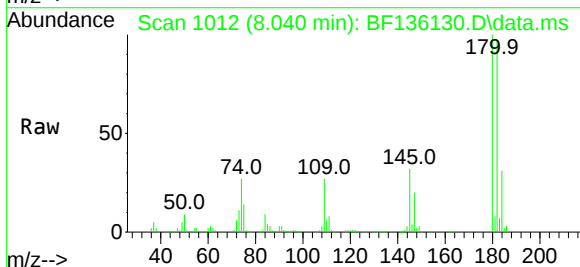
Delta R.T. -0.006 min

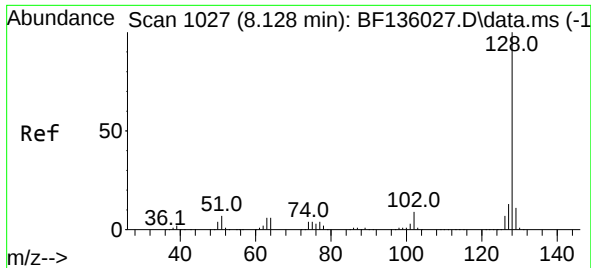
Lab File: BF136130.D

Acq: 03 Nov 2023 18:09

Tgt Ion:180 Resp: 279376

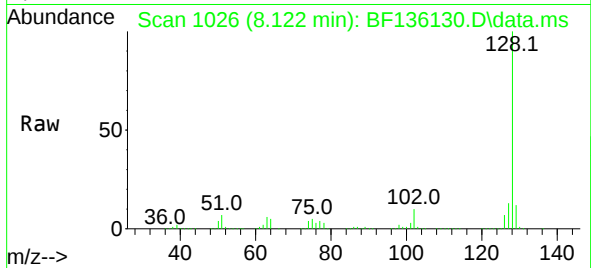
Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.9	115.3
145	31.9	24.7	37.1





#31
Naphthalene
Concen: 43.459 ng
RT: 8.122 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

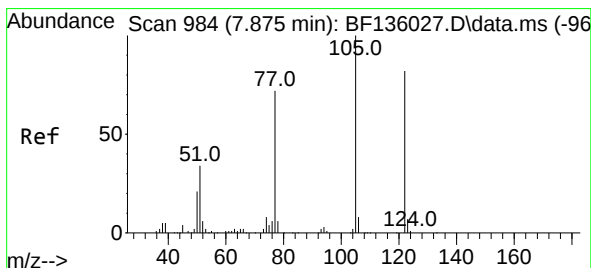
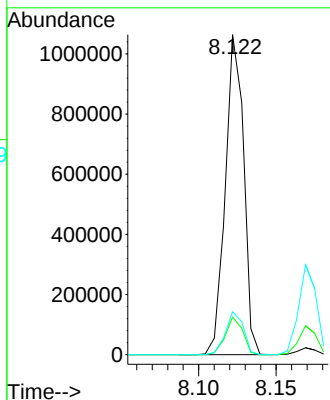
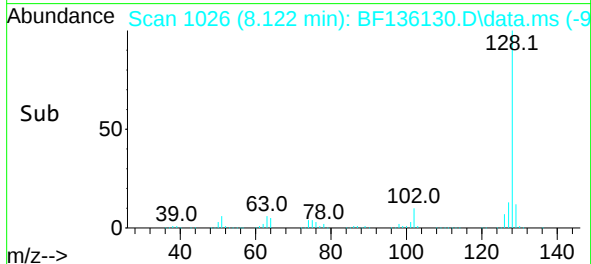
Instrument :
BNA_F
ClientSampleId :
PE-5MS



Tgt Ion:128 Resp: 874598
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 13.4 10.5 15.7

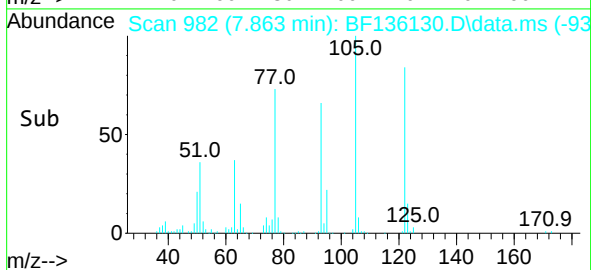
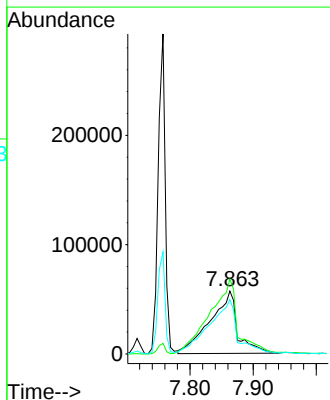
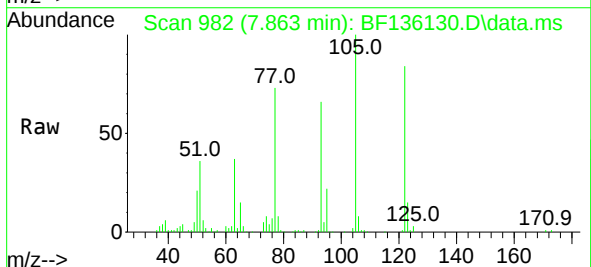
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#32
Benzoic acid
Concen: 36.981 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.012 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

Tgt Ion:122 Resp: 172504
Ion Ratio Lower Upper
122 100
105 119.2 99.5 139.5
77 86.7 66.8 106.8





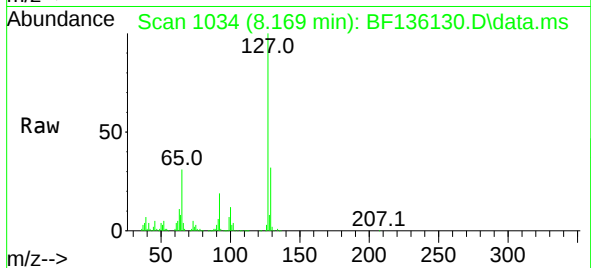
#33
4-Chloroaniline
Concen: 27.846 ng
RT: 8.169 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

Instrument :

BNA_F

ClientSampleId :

PE-5MS

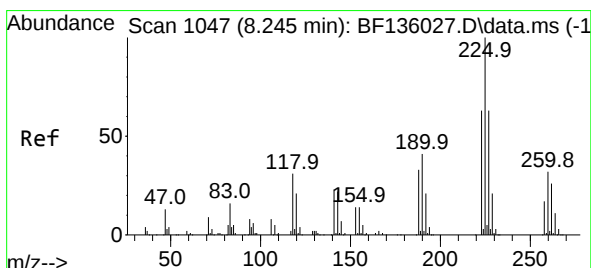
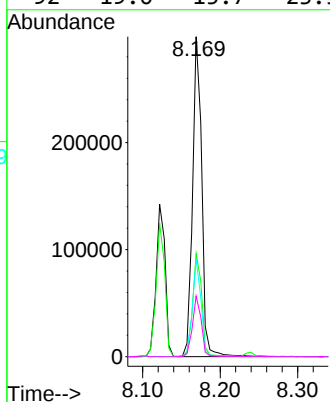
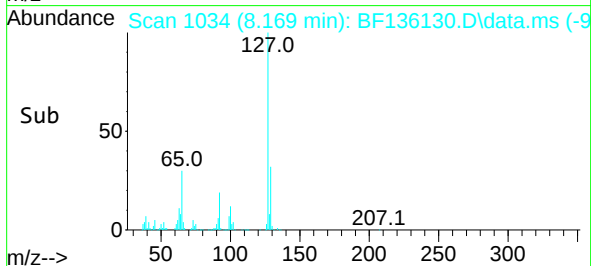


Tgt Ion:127 Resp: 24541
Ion Ratio Lower Upper
127 100
129 32.2 25.9 38.9
65 30.5 24.6 37.0
92 19.0 15.7 23.5

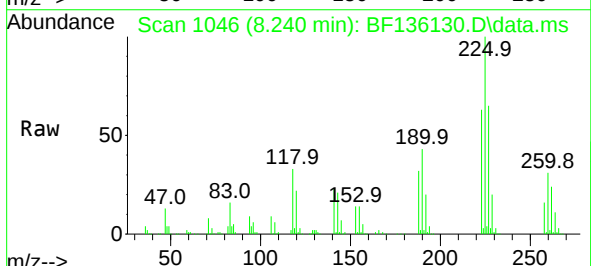
Manual Integrations

APPROVED

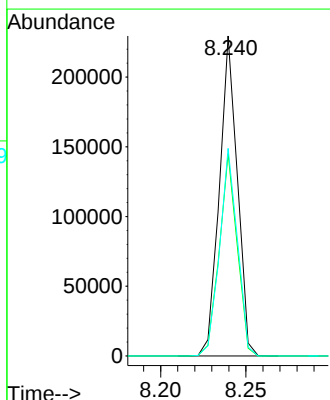
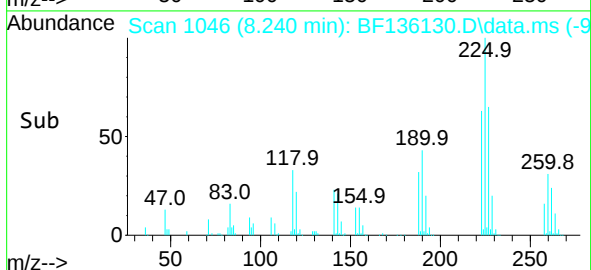
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

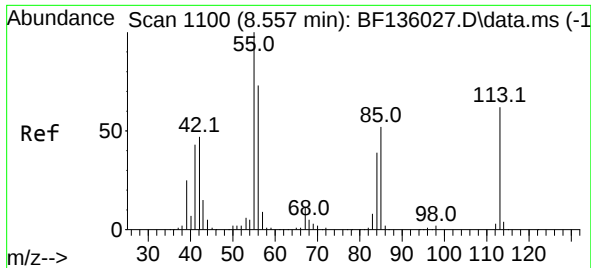


#34
Hexachlorobutadiene
Concen: 47.149 ng
RT: 8.240 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09



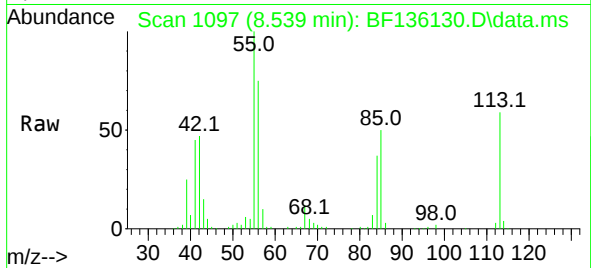
Tgt Ion:225 Resp: 167884
Ion Ratio Lower Upper
225 100
223 63.3 50.3 75.5
227 64.9 50.6 75.8





#35
Caprolactam
Concen: 37.117 ng m
RT: 8.539 min Scan# 1097
Delta R.T. -0.017 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

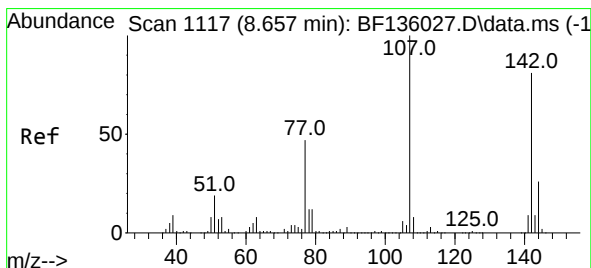
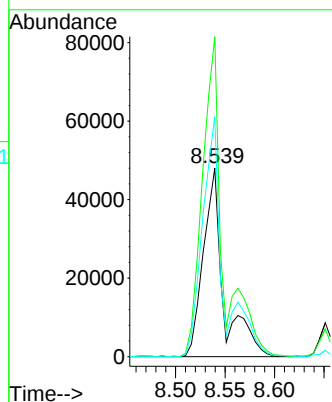
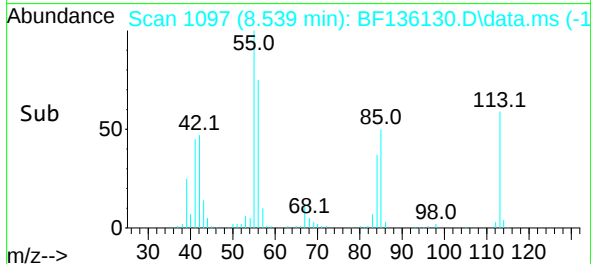
Instrument :
BNA_F
ClientSampleId :
PE-5MS



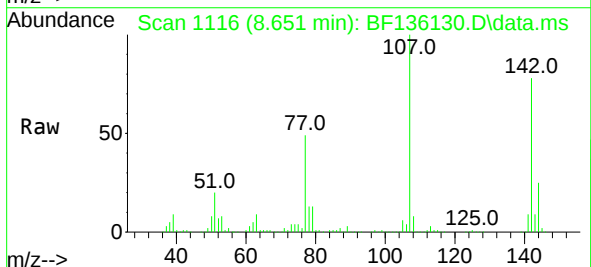
Tgt Ion:113 Resp: 6869
Ion Ratio Lower Upper
113 100
55 169.6 142.2 182.2
56 127.2 97.7 137.7

Manual Integrations
APPROVED

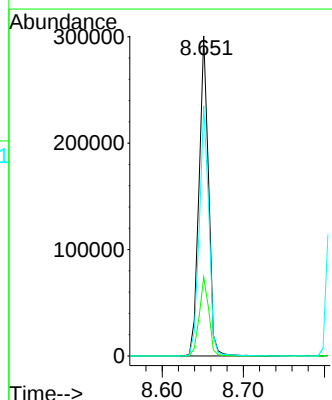
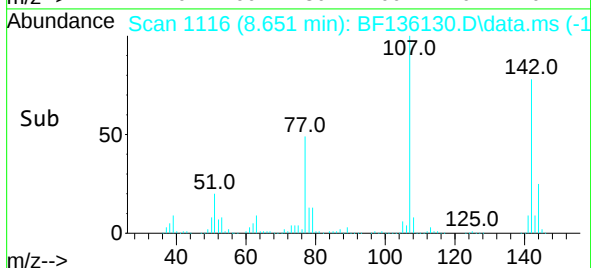
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

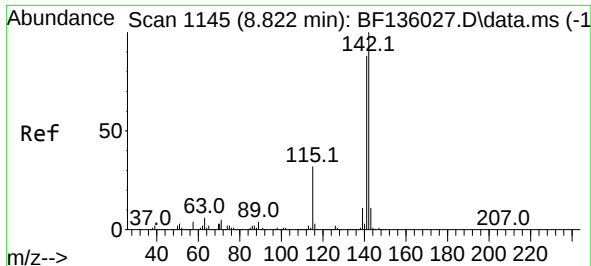


#36
4-Chloro-3-methylphenol
Concen: 41.274 ng
RT: 8.651 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09



Tgt Ion:107 Resp: 246625
Ion Ratio Lower Upper
107 100
144 24.6 20.6 31.0
142 78.1 64.6 97.0





#37

2-Methylnaphthalene

Concen: 40.938 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF136130.D

Acq: 03 Nov 2023 18:09

Instrument :

BNA_F

ClientSampleId :

PE-5MS

Tgt Ion:142 Resp: 552400

Ion Ratio Lower Upper

142 100

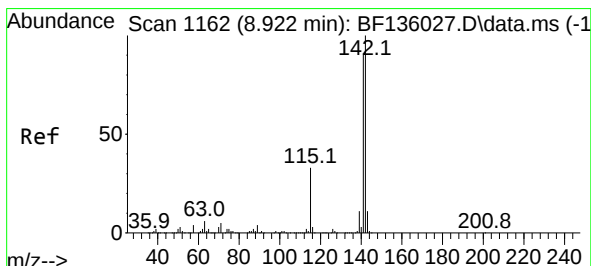
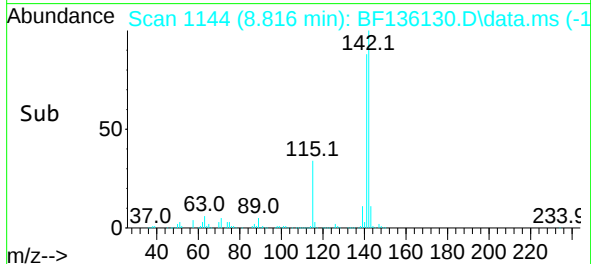
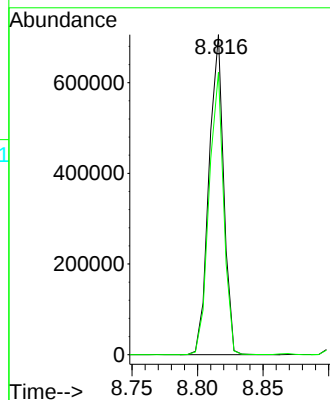
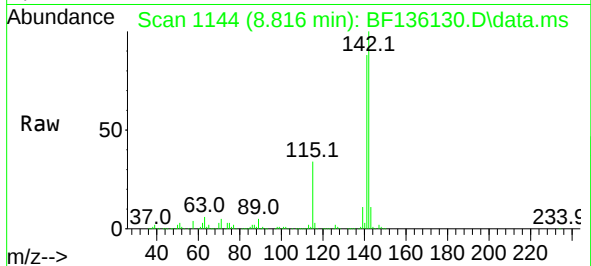
141 88.2 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#38

1-Methylnaphthalene

Concen: 37.884 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF136130.D

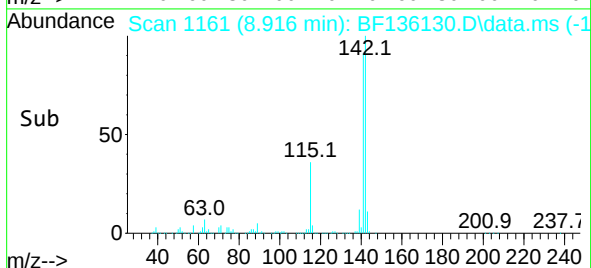
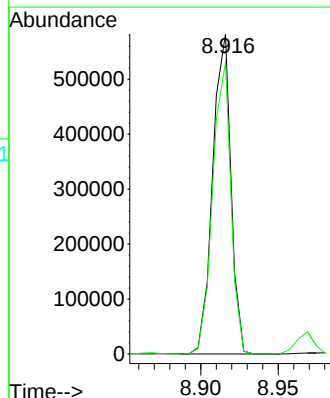
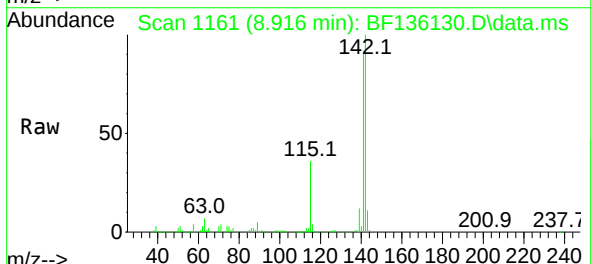
Acq: 03 Nov 2023 18:09

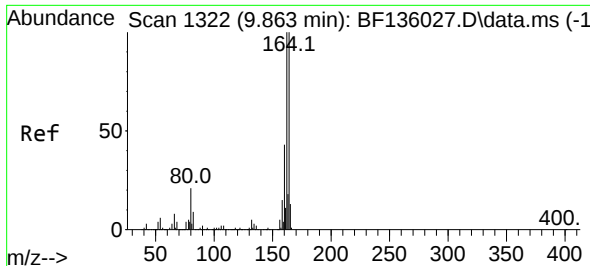
Tgt Ion:142 Resp: 475732

Ion Ratio Lower Upper

142 100

141 91.1 72.6 109.0





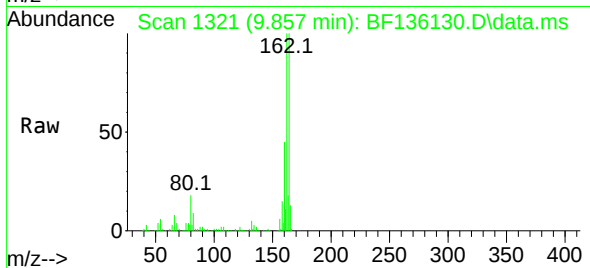
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

Instrument :

BNA_F

ClientSampleId :

PE-5MS

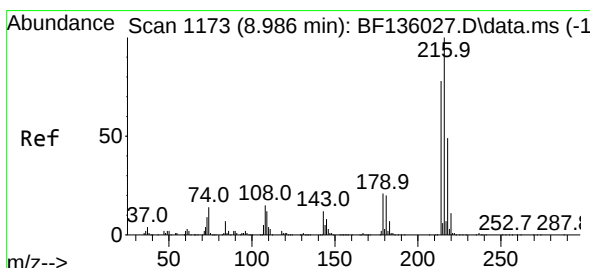
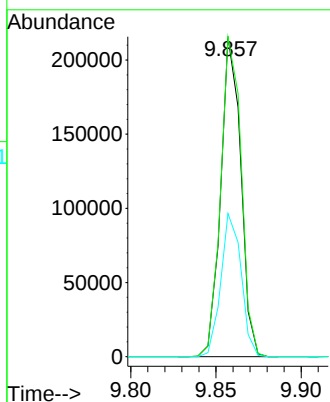
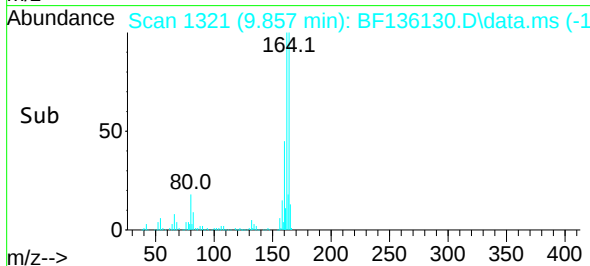


Tgt Ion:164 Resp: 17592
Ion Ratio Lower Upper
164 100
162 99.9 80.1 120.1
160 44.8 34.8 52.2

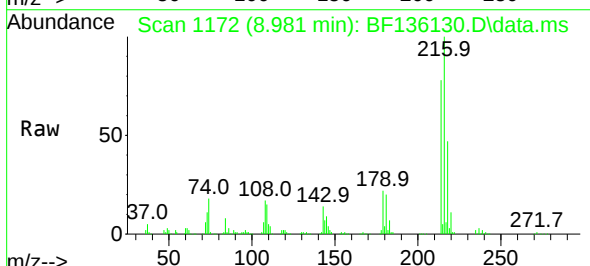
Manual Integrations

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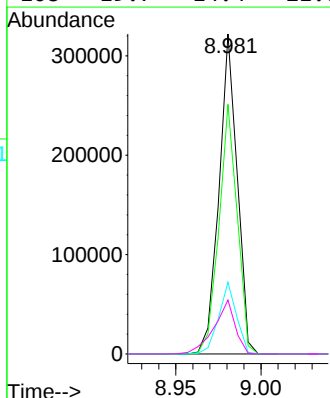
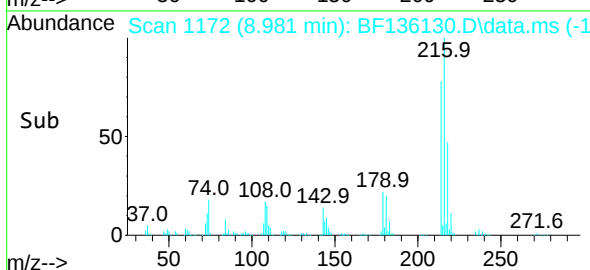
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.659 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09



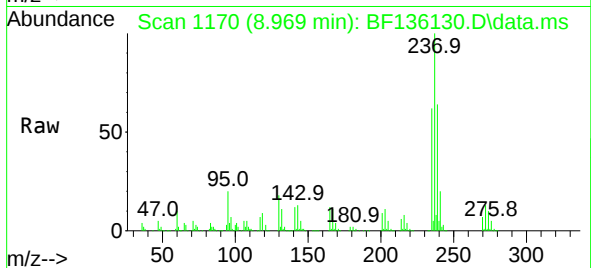
Tgt Ion:216 Resp: 239111
Ion Ratio Lower Upper
216 100
214 78.1 63.8 95.6
179 21.9 17.5 26.3
108 19.7 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 94.197 ng
RT: 8.969 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

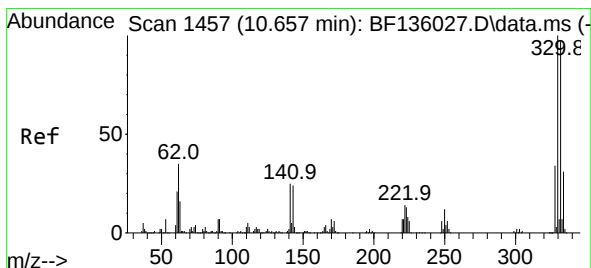
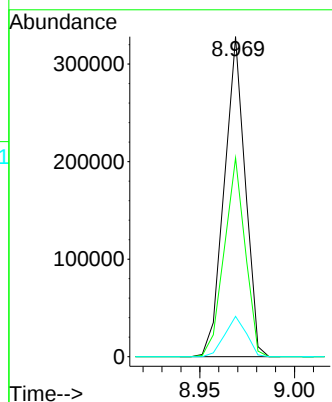
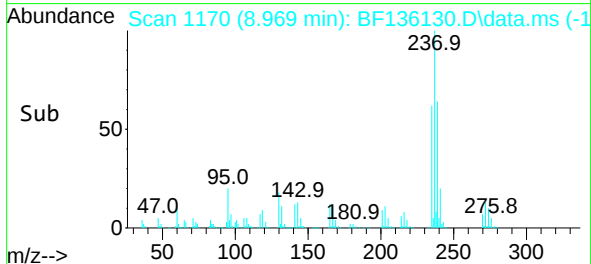
Instrument :
BNA_F
ClientSampleId :
PE-5MS



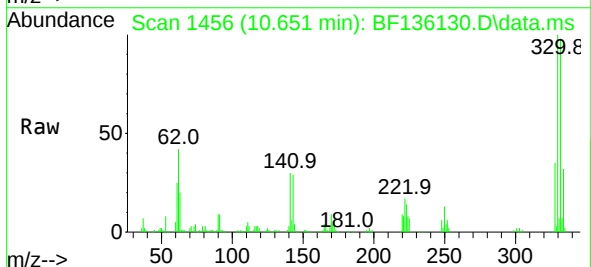
Tgt Ion:237 Resp: 252485
Ion Ratio Lower Upper
237 100
235 62.1 43.3 83.3
272 12.6 0.0 34.2

Manual Integrations
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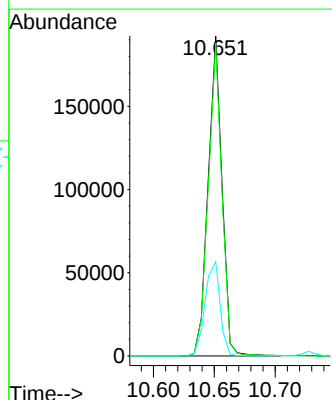
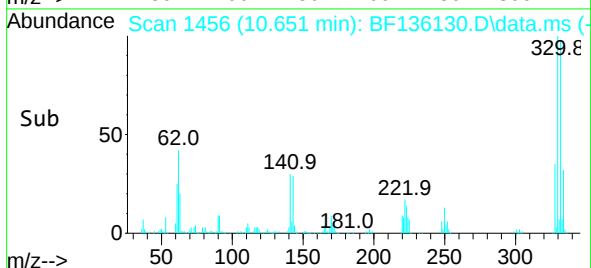
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

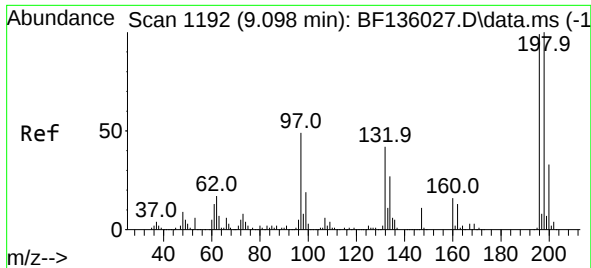


#42
2,4,6-Tribromophenol
Concen: 80.785 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09



Tgt Ion:330 Resp: 151695
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 32.1 23.2 34.8





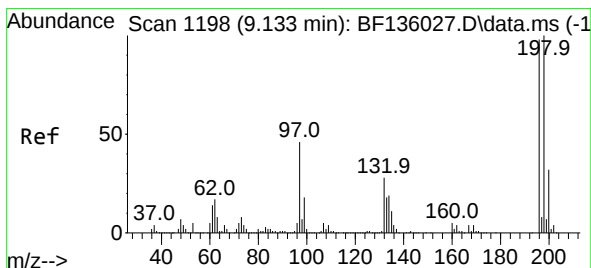
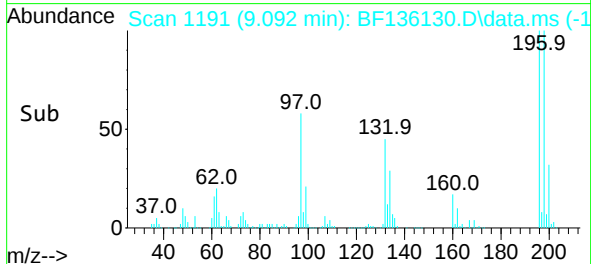
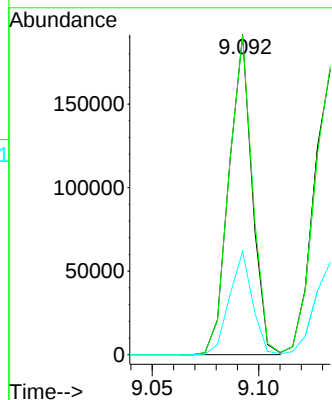
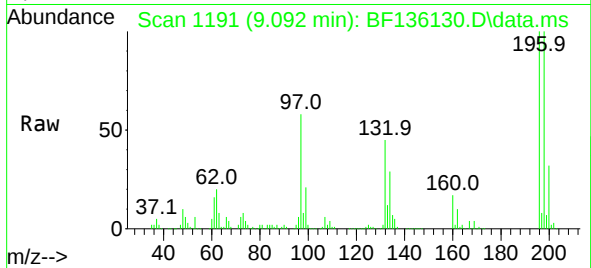
#43
2,4,6-Trichlorophenol
Concen: 44.320 ng
RT: 9.092 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

Instrument :
BNA_F
ClientSampleId :
PE-5MS

Tgt Ion:196 Resp: 14498
Ion Ratio Lower Upper
196 100
198 99.7 80.7 121.1
200 32.3 26.8 40.2

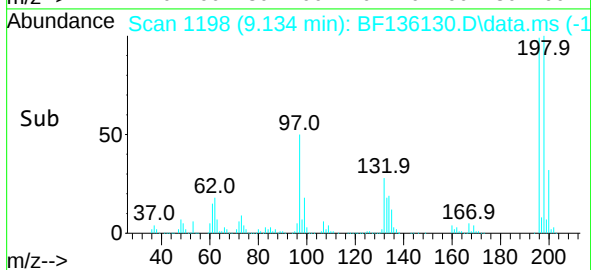
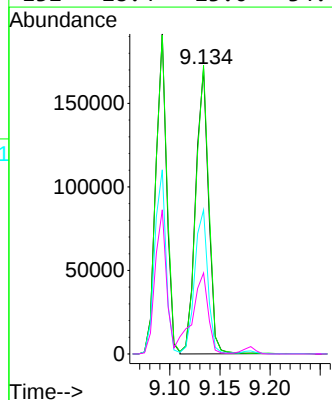
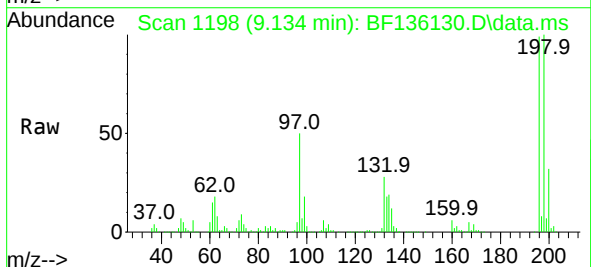
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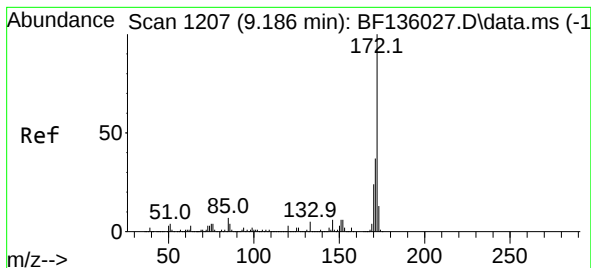
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#44
2,4,5-Trichlorophenol
Concen: 40.417 ng
RT: 9.134 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

Tgt Ion:196 Resp: 153156
Ion Ratio Lower Upper
196 100
198 101.1 81.6 122.4
97 50.5 38.2 57.2
132 28.4 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 63.336 ng

RT: 9.181 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF136130.D

Acq: 03 Nov 2023 18:09

Instrument :

BNA_F

ClientSampleId :

PE-5MS

Tgt Ion:172 Resp: 698960

Ion Ratio Lower Upper

172 100

171 35.3 29.4 44.0

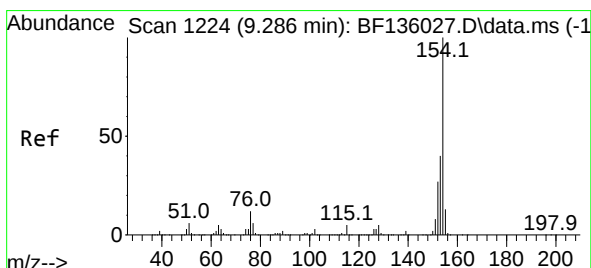
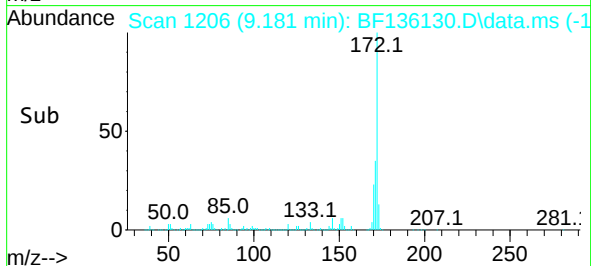
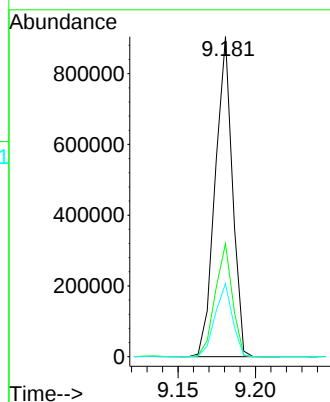
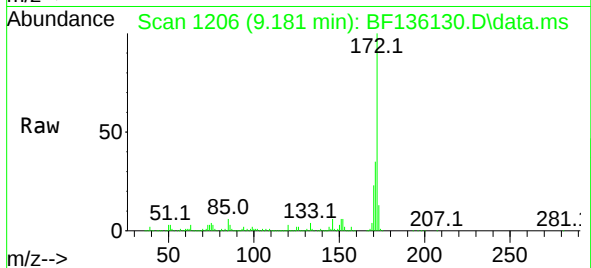
170 22.8 19.3 28.9

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#46

1,1'-Biphenyl

Concen: 45.075 ng

RT: 9.281 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF136130.D

Acq: 03 Nov 2023 18:09

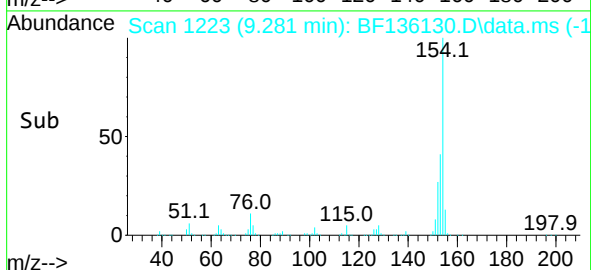
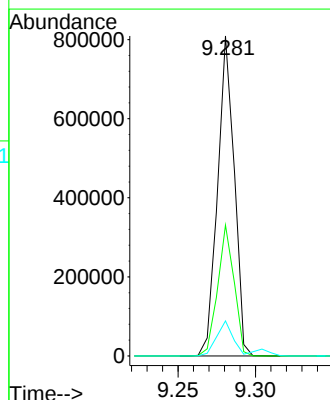
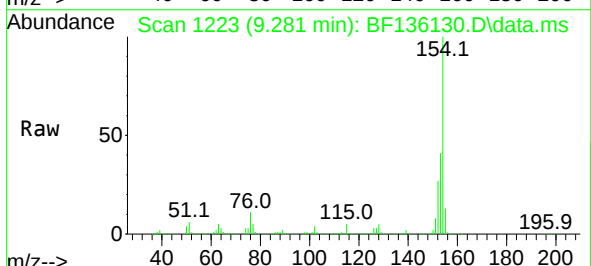
Tgt Ion:154 Resp: 604499

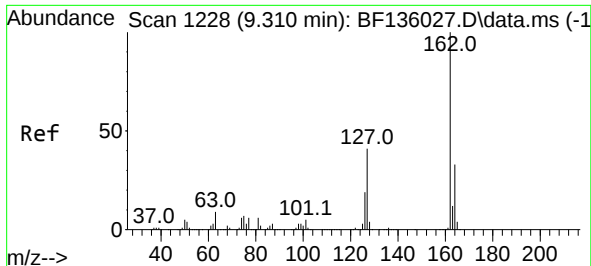
Ion Ratio Lower Upper

154 100

153 40.9 20.1 60.1

76 11.0 0.0 32.5





#47

2-Chloronaphthalene

Concen: 45.998 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF136130.D

Acq: 03 Nov 2023 18:09

Instrument :

BNA_F

ClientSampleId :

PE-5MS

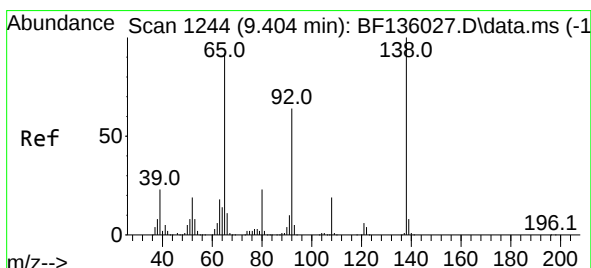
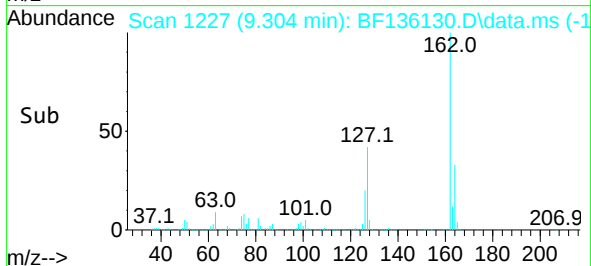
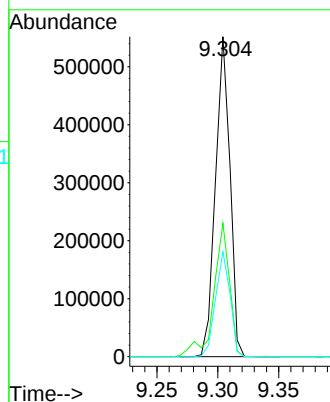
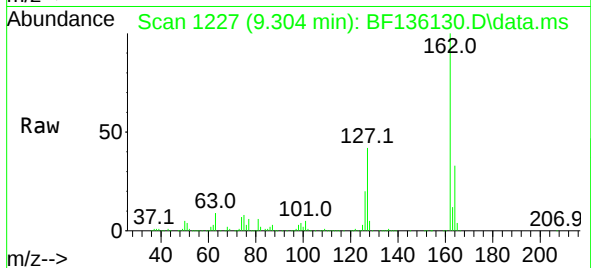
Tgt Ion:	162	Resp:	45475
Ion Ratio	Lower	Upper	
162	100		
127	41.7	32.4	48.6
164	32.8	26.7	40.1

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Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#48

2-Nitroaniline

Concen: 43.594 ng

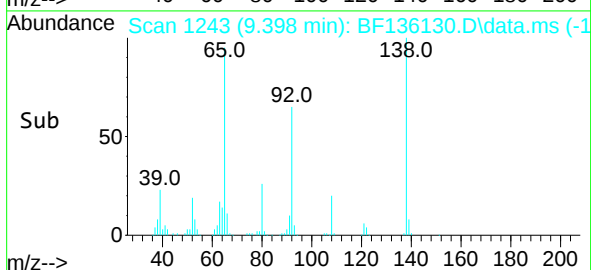
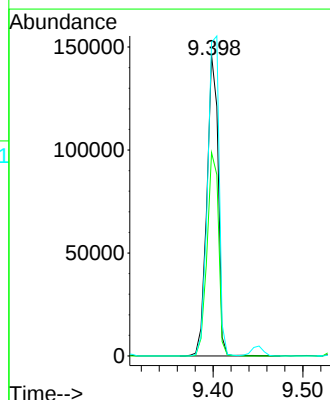
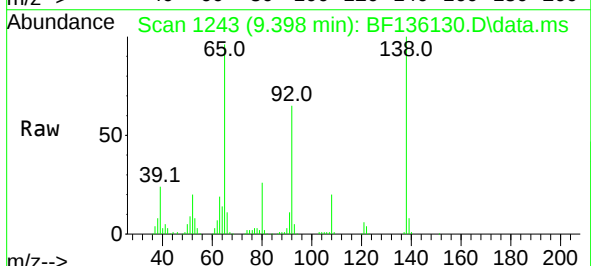
RT: 9.398 min Scan# 1243

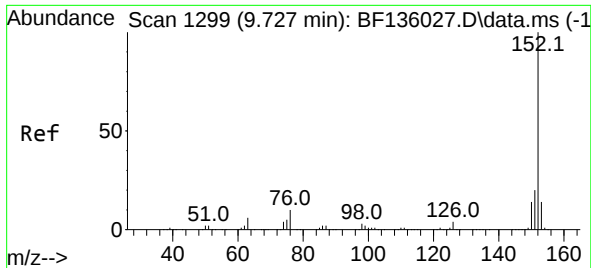
Delta R.T. -0.006 min

Lab File: BF136130.D

Acq: 03 Nov 2023 18:09

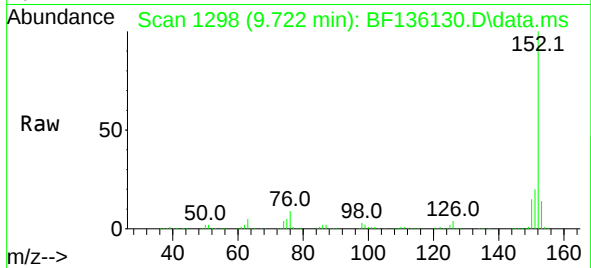
Tgt Ion:	65	Resp:	127550
Ion Ratio	Lower	Upper	
65	100		
92	67.6	55.7	83.5
138	104.3	86.8	130.2





#49
Acenaphthylene
Concen: 44.902 ng
RT: 9.722 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

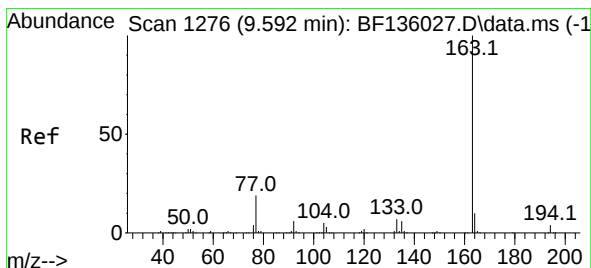
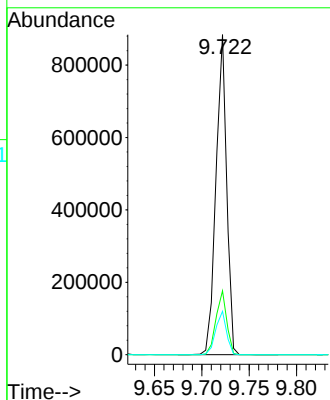
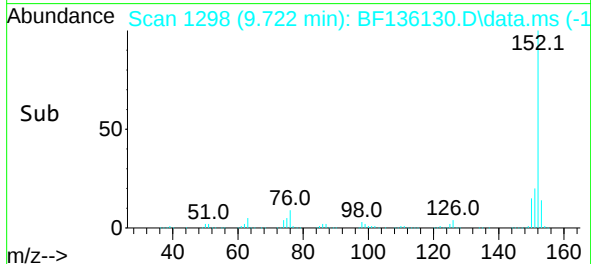
Instrument :
BNA_F
ClientSampleId :
PE-5MS



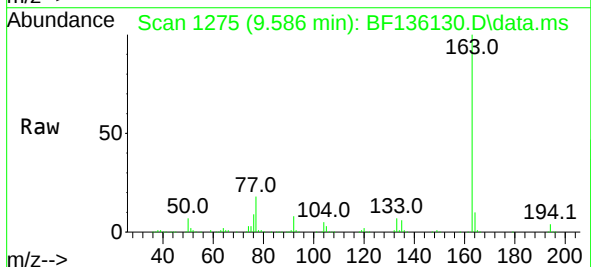
Tgt Ion:152 Resp: 692524
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.6 11.4 17.2

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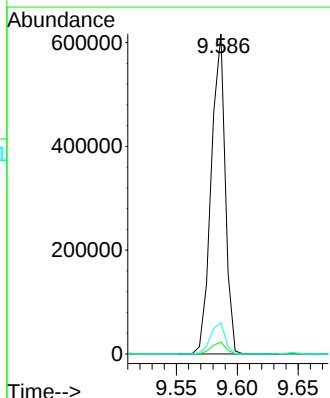
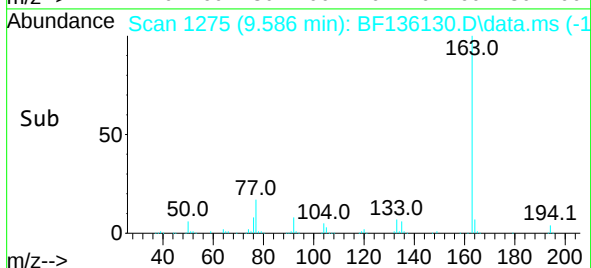
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

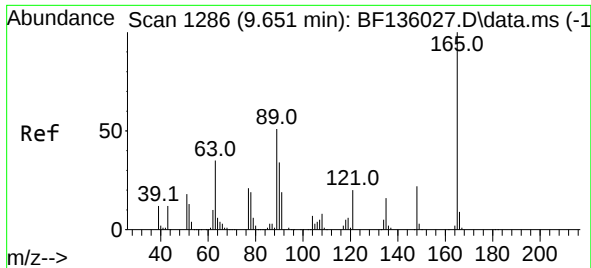


#50
Dimethylphthalate
Concen: 42.389 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09



Tgt Ion:163 Resp: 491889
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.8 8.1 12.1





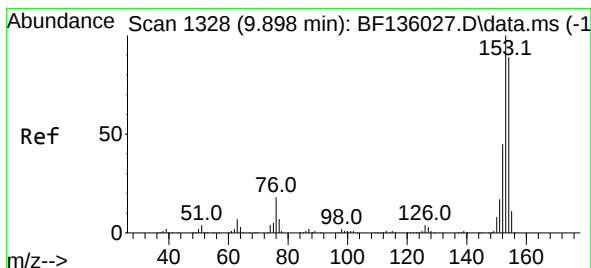
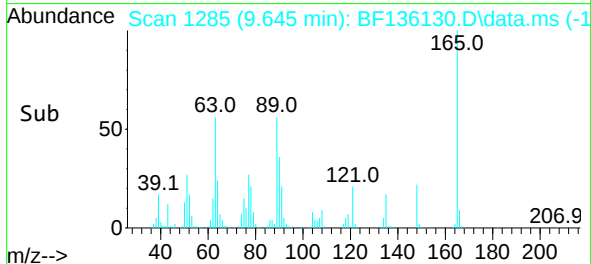
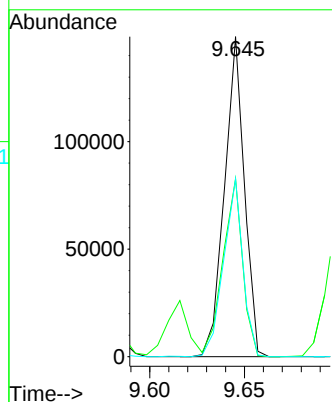
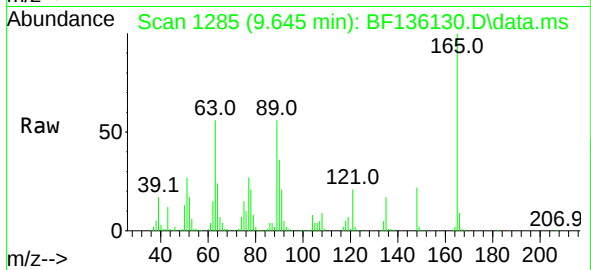
#51
2,6-Dinitrotoluene
Concen: 43.889 ng
RT: 9.645 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

Instrument :
BNA_F
ClientSampleId :
PE-5MS

Tgt Ion:165 Resp: 108927
Ion Ratio Lower Upper
165 100
63 55.6 40.8 61.2
89 55.6 41.1 61.7

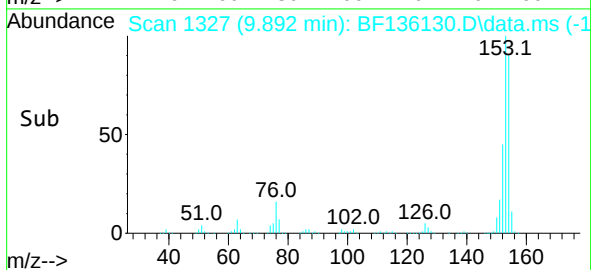
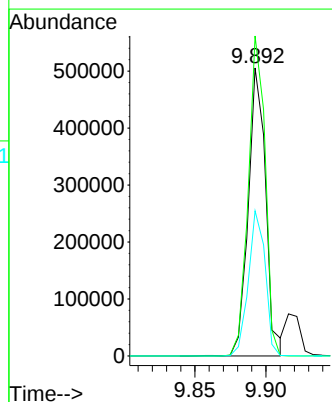
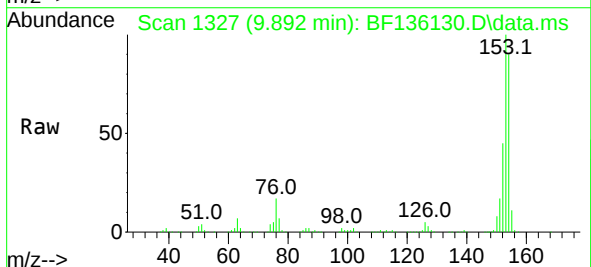
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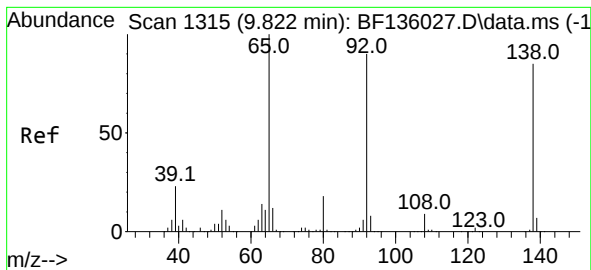
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#52
Acenaphthene
Concen: 43.655 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

Tgt Ion:154 Resp: 428017
Ion Ratio Lower Upper
154 100
153 111.1 89.9 134.9
152 50.4 40.2 60.2





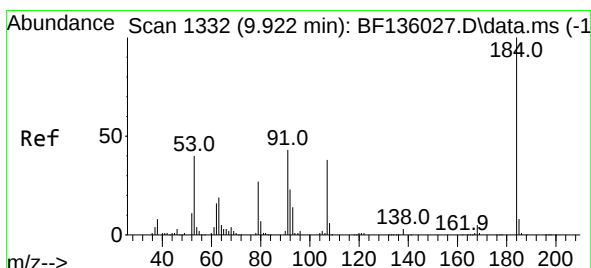
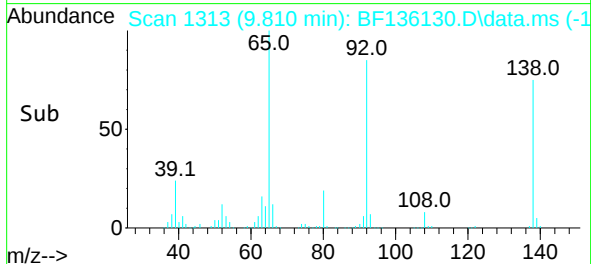
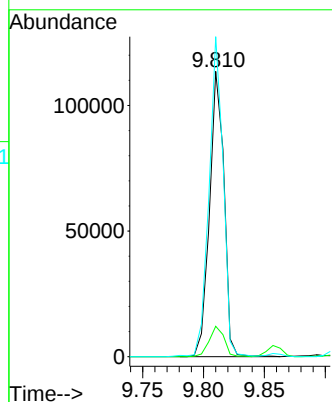
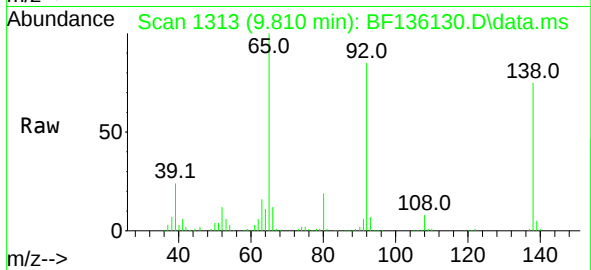
#53
3-Nitroaniline
Concen: 32.292 ng
RT: 9.810 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

Instrument :
BNA_F
ClientSampleId :
PE-5MS

Tgt Ion:138 Resp: 93511
Ion Ratio Lower Upper
138 100
108 10.7 8.8 13.2
92 112.2 84.6 126.8

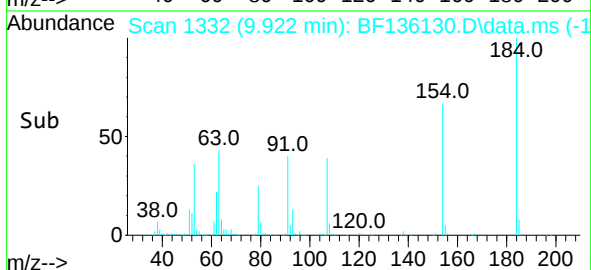
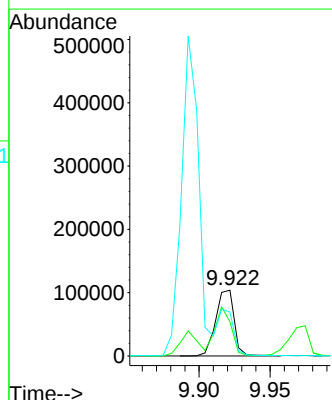
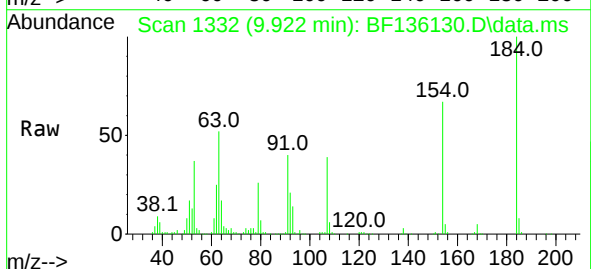
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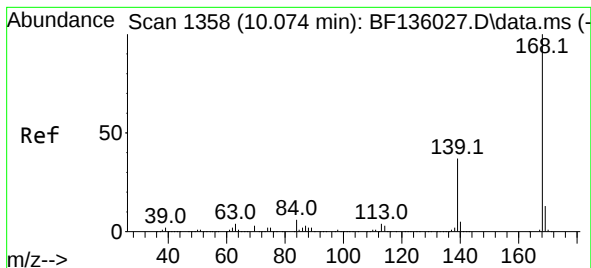
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#54
2,4-Dinitrophenol
Concen: 71.033 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

Tgt Ion:184 Resp: 94211
Ion Ratio Lower Upper
184 100
63 52.0 43.7 65.5
154 66.6 51.2 76.8





#55

Dibenzenofuran

Concen: 42.631 ng

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136130.D

Acq: 03 Nov 2023 18:09

Instrument :

BNA_F

ClientSampleId :

PE-5MS

Tgt Ion:168 Resp: 609484

Ion Ratio Lower Upper

168 100

139 38.9 29.4 44.0

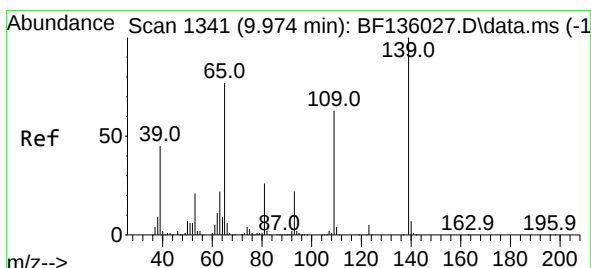
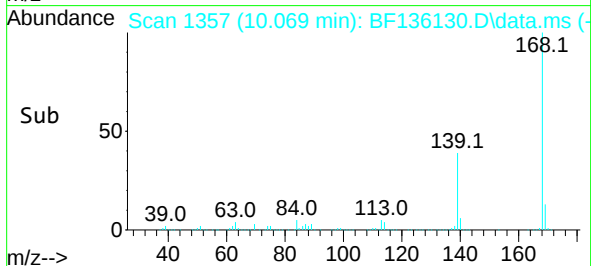
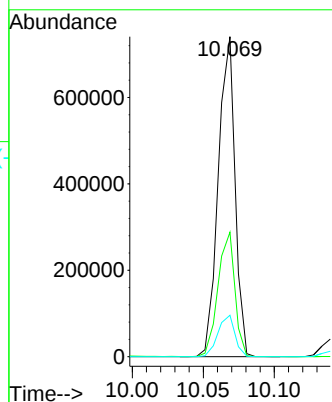
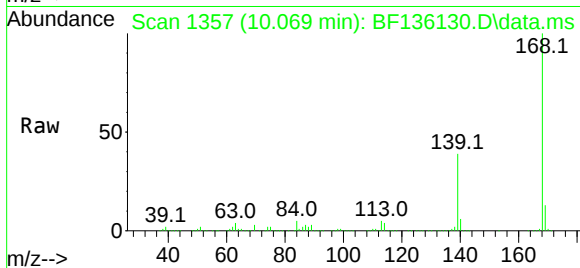
169 12.9 10.5 15.7

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Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#56

4-Nitrophenol

Concen: 77.945 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.000 min

Lab File: BF136130.D

Acq: 03 Nov 2023 18:09

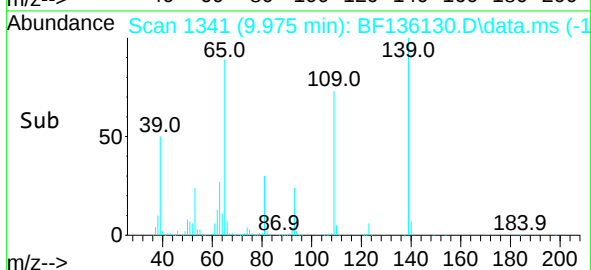
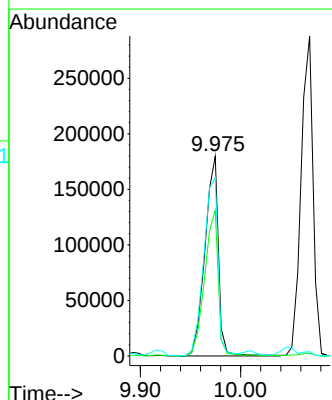
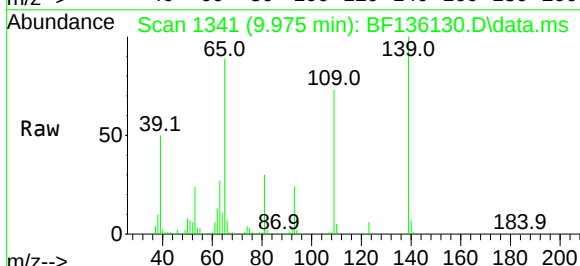
Tgt Ion:139 Resp: 168843

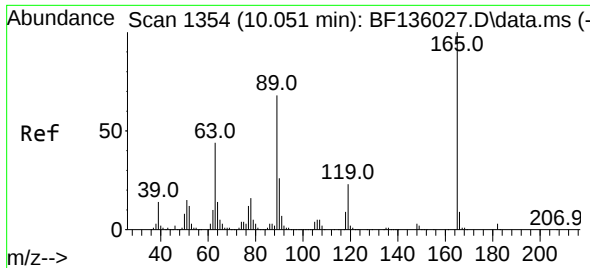
Ion Ratio Lower Upper

139 100

109 72.8 43.2 83.2

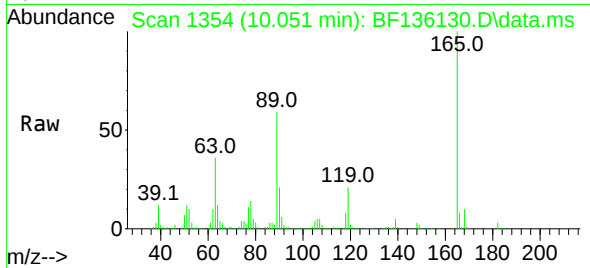
65 89.4 57.6 97.6





#57
2,4-Dinitrotoluene
Concen: 43.823 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

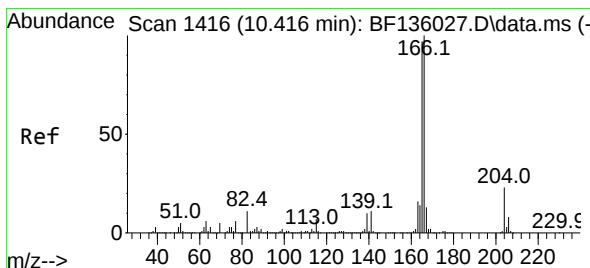
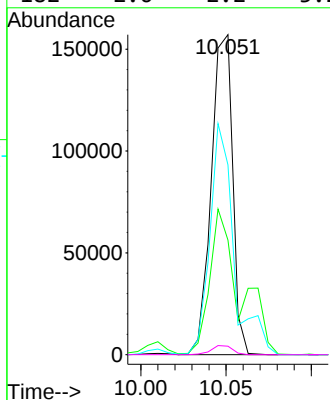
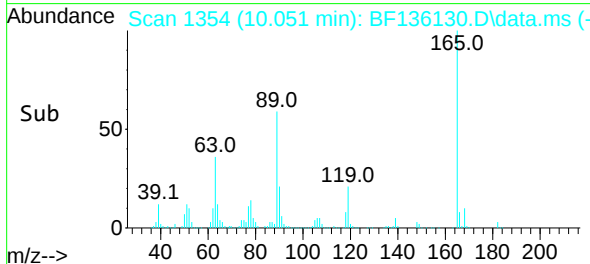
Instrument :
BNA_F
ClientSampleId :
PE-5MS



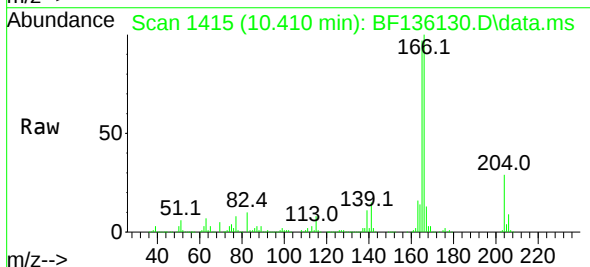
Tgt Ion:165 Resp: 13761
Ion Ratio Lower Upper
165 100
63 35.8 35.2 52.8
89 59.3 54.8 82.2
182 2.6 2.2 3.2

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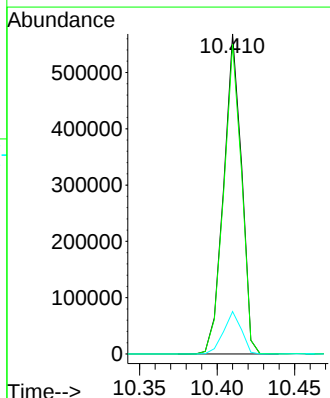
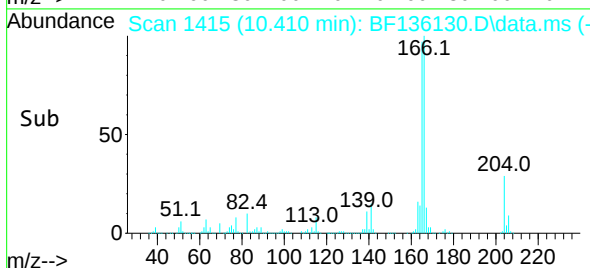
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

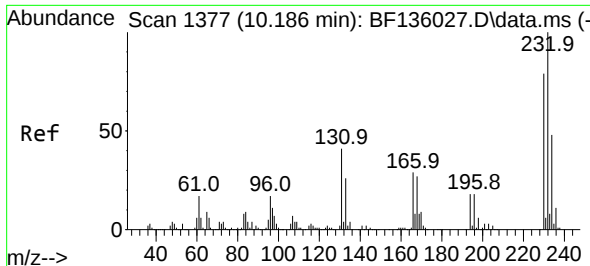


#58
Fluorene
Concen: 42.464 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09



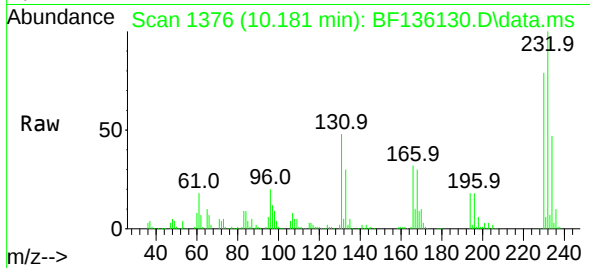
Tgt Ion:166 Resp: 454545
Ion Ratio Lower Upper
166 100
165 96.8 77.7 116.5
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.866 ng
RT: 10.181 min Scan# 1376
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

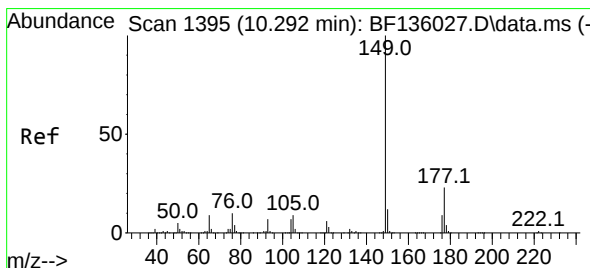
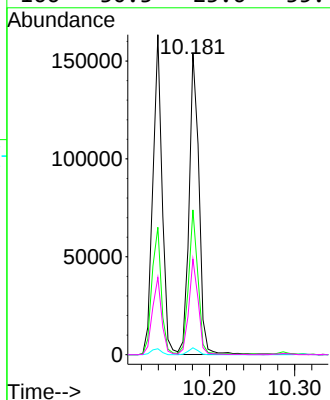
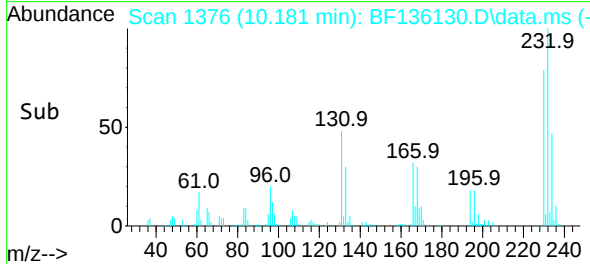
Instrument :
BNA_F
ClientSampleId :
PE-5MS



Tgt Ion:232 Resp: 123114
Ion Ratio Lower Upper
232 100
131 45.2 34.6 52.0
130 2.2 1.6 2.4
166 30.3 23.6 35.4

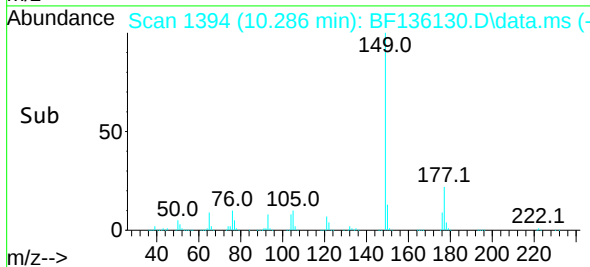
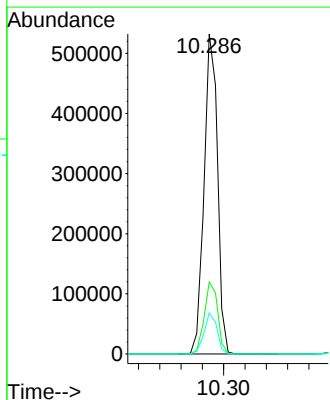
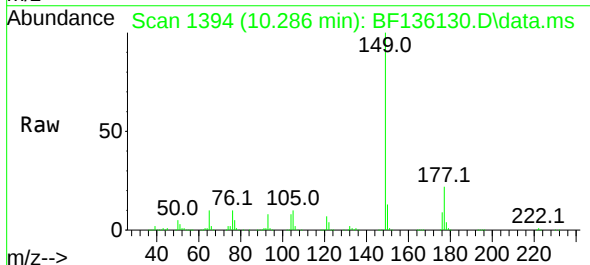
Manual Integrations
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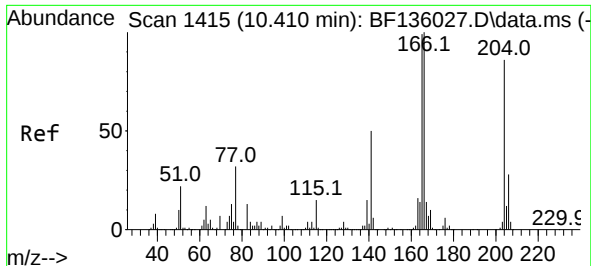
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#60
Diethylphthalate
Concen: 42.115 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

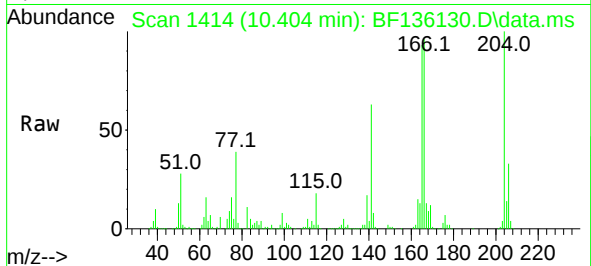
Tgt Ion:149 Resp: 466939
Ion Ratio Lower Upper
149 100
177 22.5 18.2 27.4
150 12.9 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 42.556 ng
RT: 10.404 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

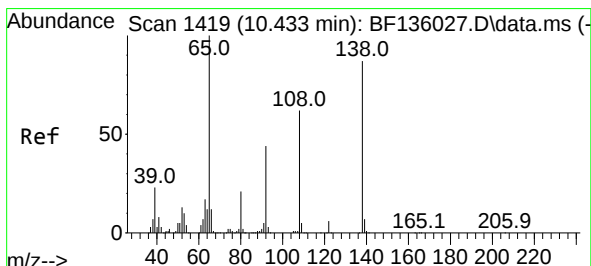
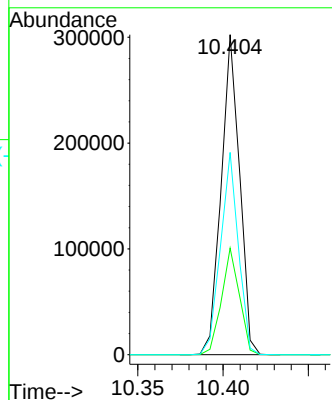
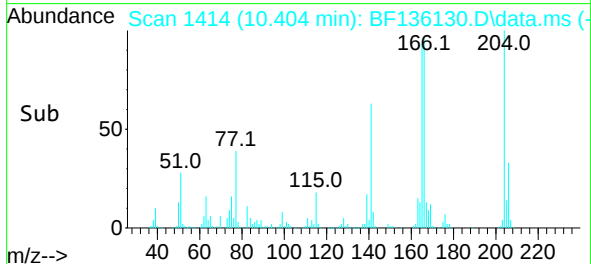
Instrument :
BNA_F
ClientSampleId :
PE-5MS



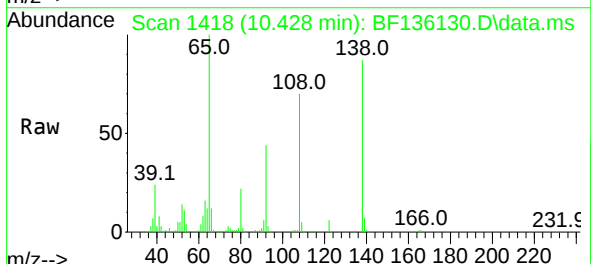
Tgt Ion:204 Resp: 227385
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 63.2 46.8 70.2

Manual Integrations
APPROVED

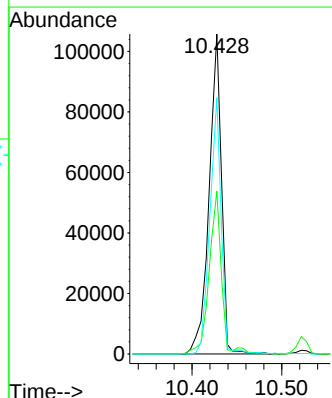
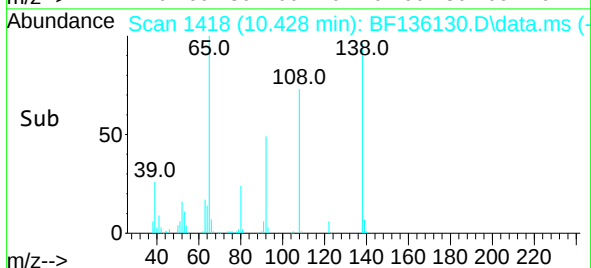
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

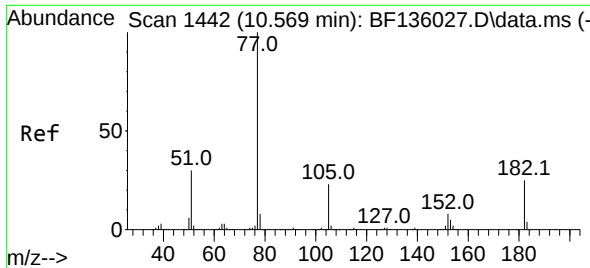


#62
4-Nitroaniline
Concen: 36.343 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09



Tgt Ion:138 Resp: 101344
Ion Ratio Lower Upper
138 100
92 50.9 30.6 70.6
108 80.1 51.5 91.5





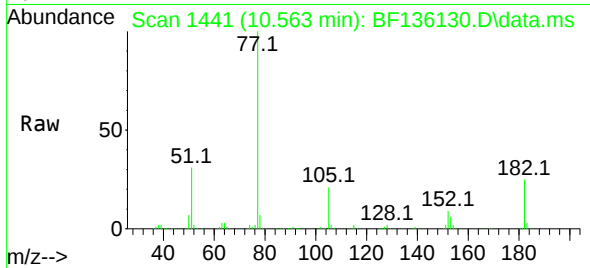
#63
Azobenzene
Concen: 40.408 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

Instrument :

BNA_F

ClientSampleId :

PE-5MS

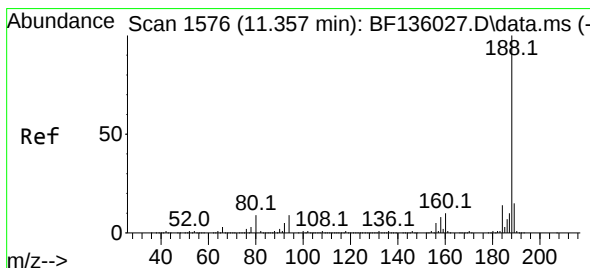
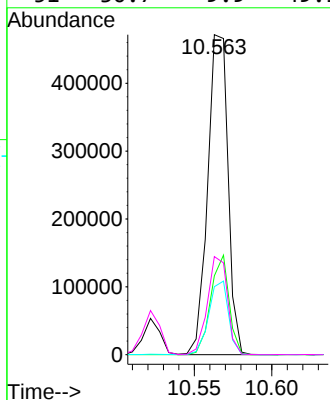
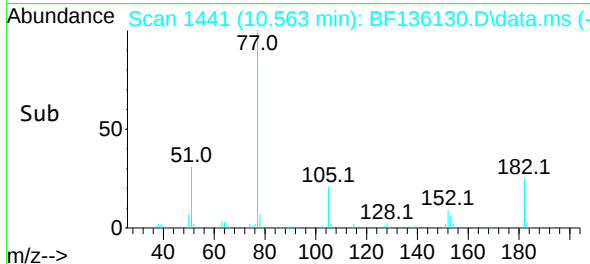


Tgt Ion: 77 Resp: 43147
Ion Ratio Lower Upper
77 100
182 24.7 5.0 45.0
105 21.3 2.6 42.6
51 30.7 9.9 49.9

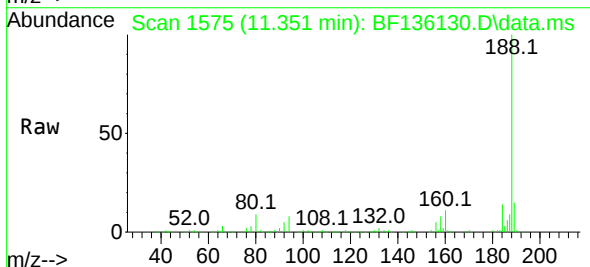
Manual Integrations

APPROVED

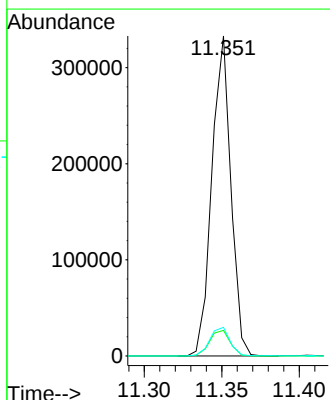
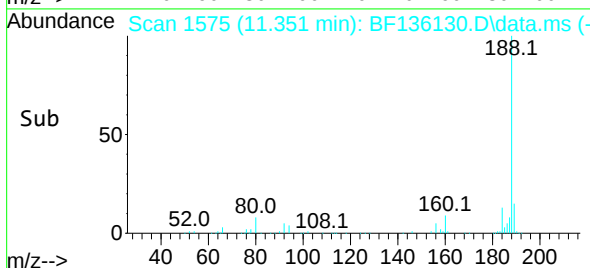
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

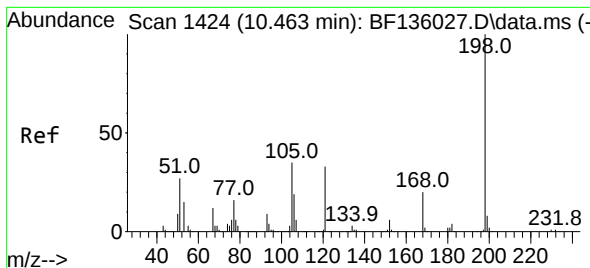


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09



Tgt Ion:188 Resp: 283753
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 8.9 7.4 11.0





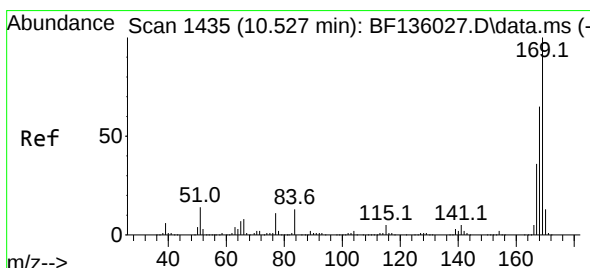
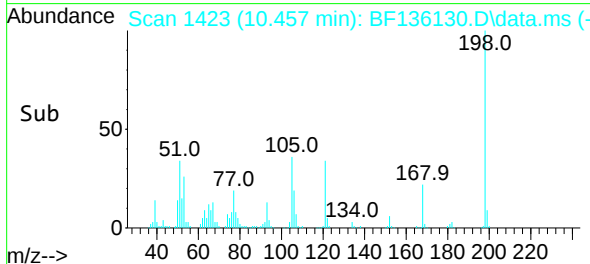
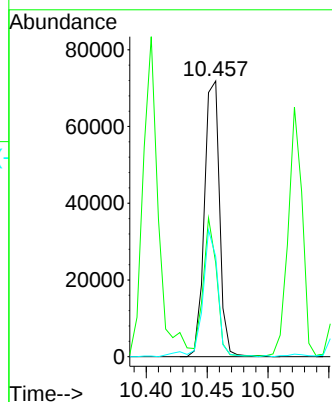
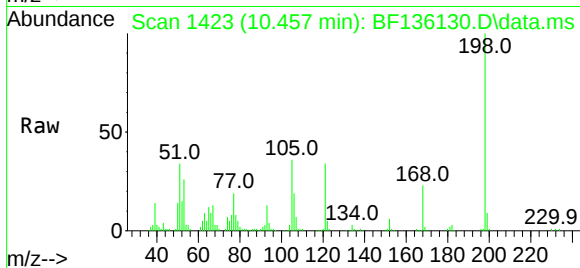
#65
4,6-Dinitro-2-methylphenol
Concen: 40.965 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

Instrument :
BNA_F
ClientSampleId :
PE-5MS

Tgt Ion:198 Resp: 6236
Ion Ratio Lower Upper
198 100
51 34.0 12.9 52.9
105 36.3 16.0 56.0

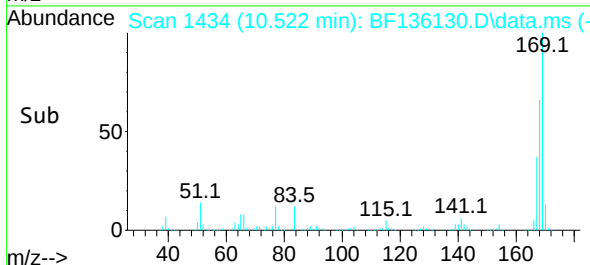
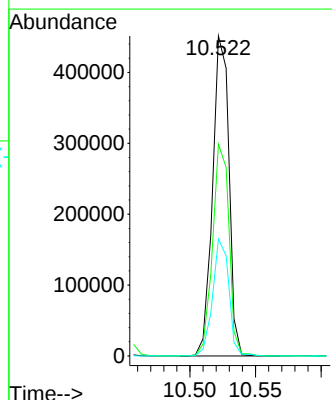
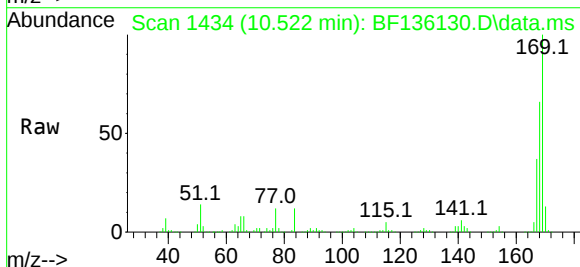
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#66
n-Nitrosodiphenylamine
Concen: 45.738 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

Tgt Ion:169 Resp: 391507
Ion Ratio Lower Upper
169 100
168 66.2 52.2 78.2
167 36.6 28.7 43.1





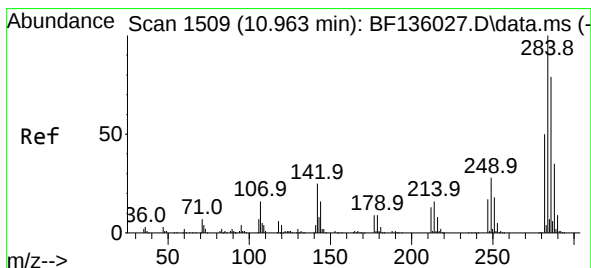
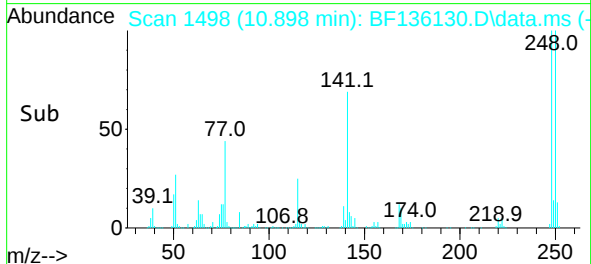
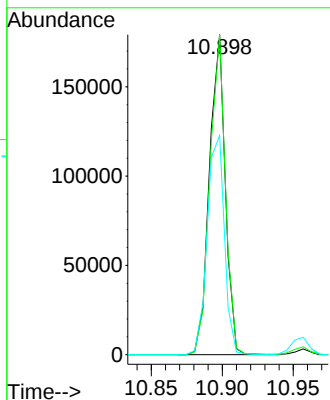
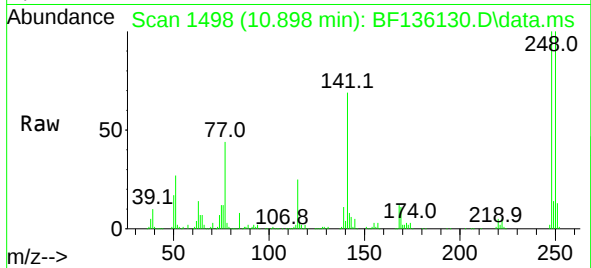
#67
4-Bromophenyl-phenylether
Concen: 46.766 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

Instrument :
BNA_F
ClientSampleId :
PE-5MS

Tgt Ion:248 Resp: 139125
Ion Ratio Lower Upper
248 100
250 99.9 77.6 116.4
141 68.6 50.4 75.6

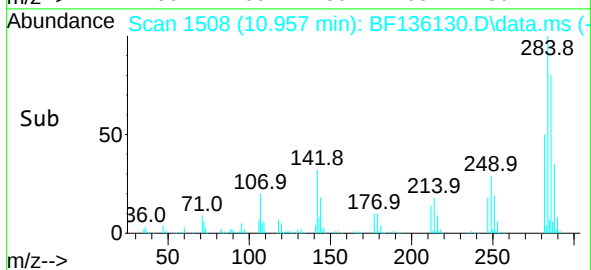
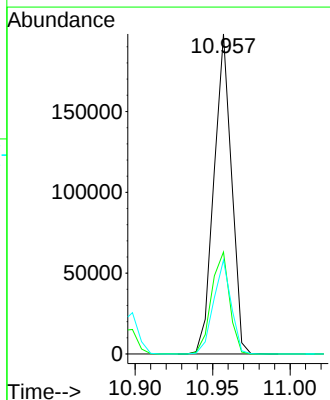
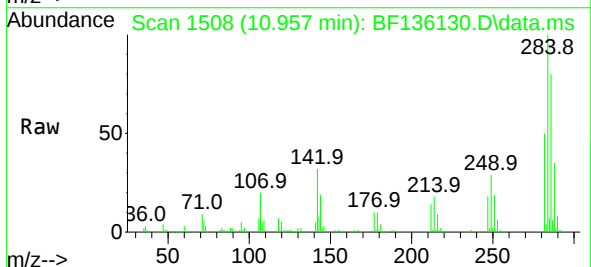
Manual Integrations
APPROVED

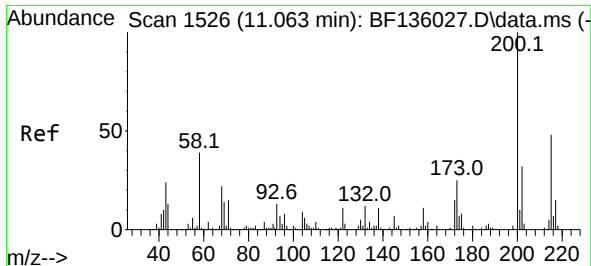
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#68
Hexachlorobenzene
Concen: 49.121 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

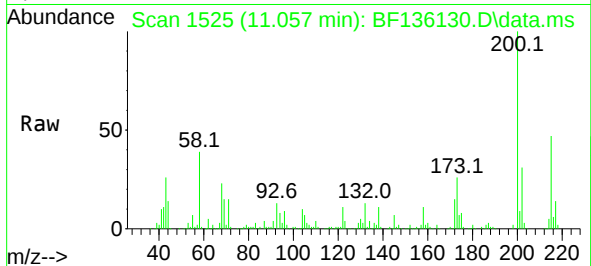
Tgt Ion:284 Resp: 156071
Ion Ratio Lower Upper
284 100
142 31.9 20.2 30.4#
249 29.4 22.6 33.8





#69
Atrazine
Concen: 55.905 ng
RT: 11.057 min Scan# 11057
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

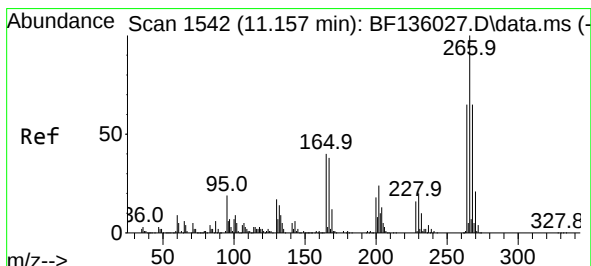
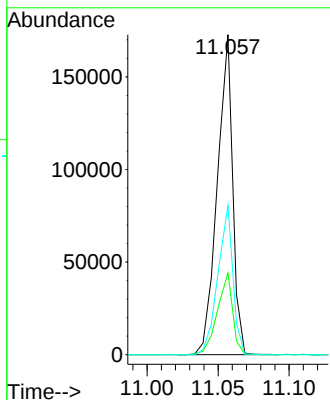
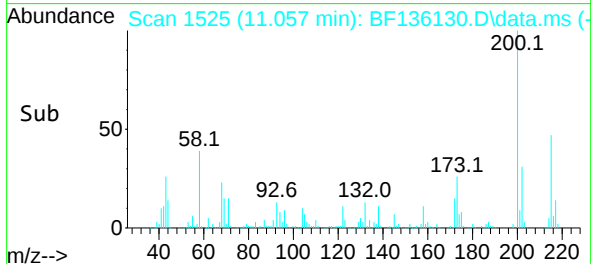
Instrument :
BNA_F
ClientSampleId :
PE-5MS



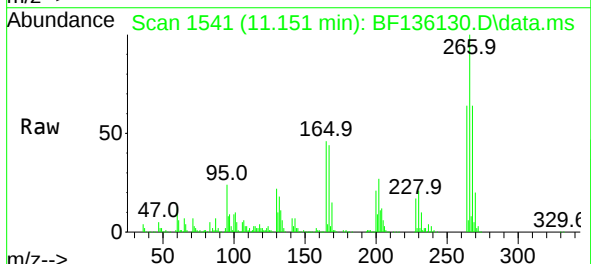
Tgt Ion:200 Resp: 130200
Ion Ratio Lower Upper
200 100
173 25.5 5.2 45.2
215 46.6 28.4 68.4

Manual Integrations
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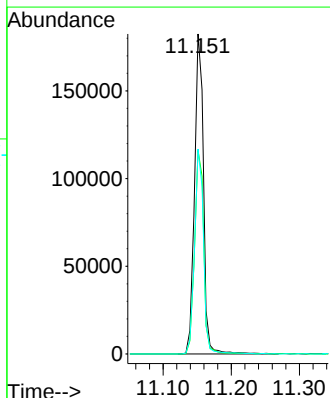
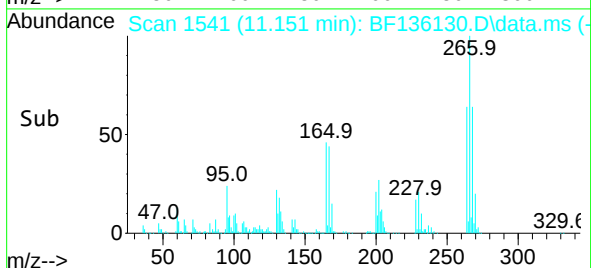
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

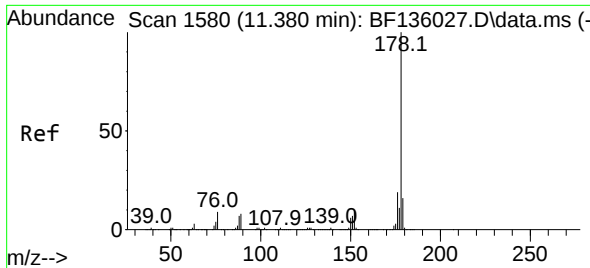


#70
Pentachlorophenol
Concen: 80.852 ng
RT: 11.151 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09



Tgt Ion:266 Resp: 164980
Ion Ratio Lower Upper
266 100
268 63.6 52.2 78.4
264 64.0 52.2 78.4





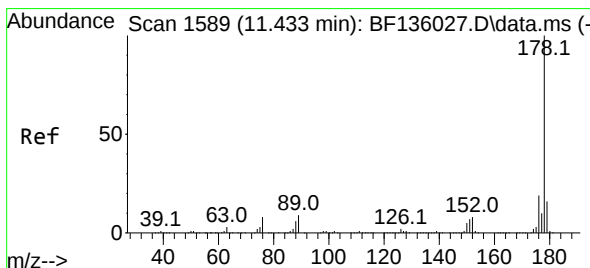
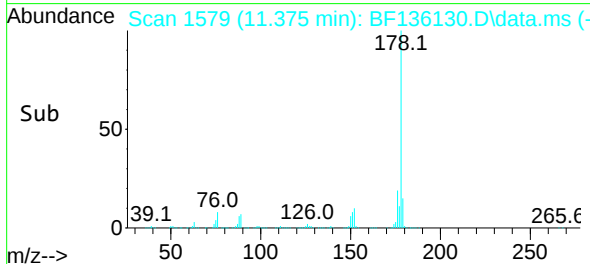
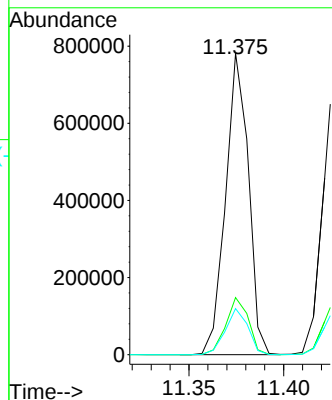
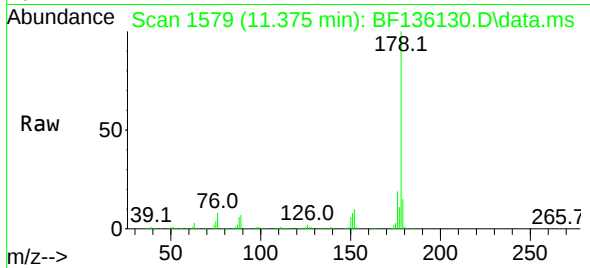
#71
Phenanthrene
Concen: 45.850 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

Instrument :
BNA_F
ClientSampleId :
PE-5MS

Tgt Ion:178 Resp: 655064
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 15.3 12.9 19.3

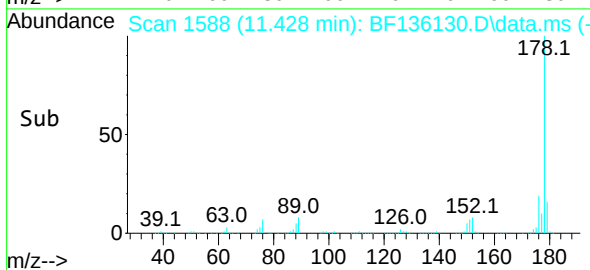
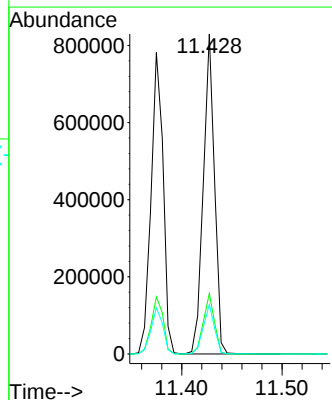
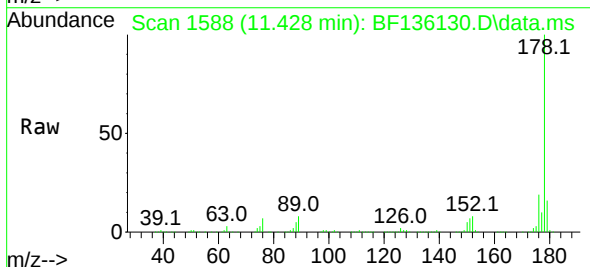
Manual Integrations
APPROVED

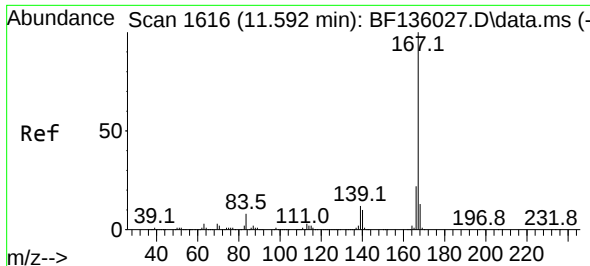
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#72
Anthracene
Concen: 44.209 ng
RT: 11.428 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

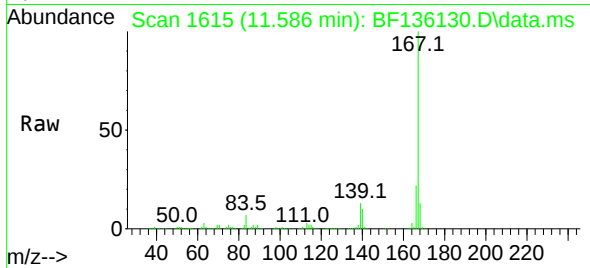
Tgt Ion:178 Resp: 647221
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.5 12.6 18.8





#73
 Carbazole
 Concen: 42.603 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. -0.006 min
 Lab File: BF136130.D
 Acq: 03 Nov 2023 18:09

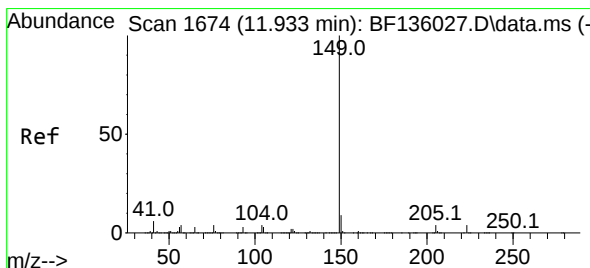
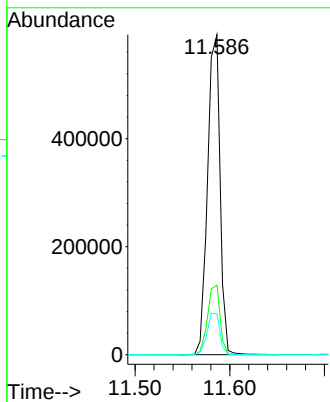
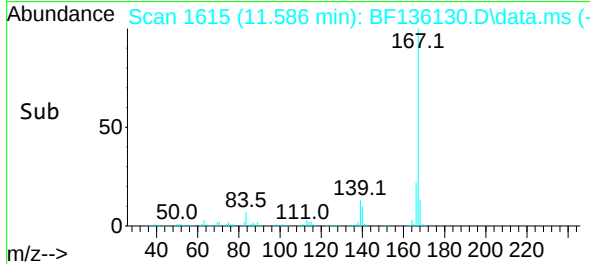
Instrument :
 BNA_F
 ClientSampleId :
 PE-5MS



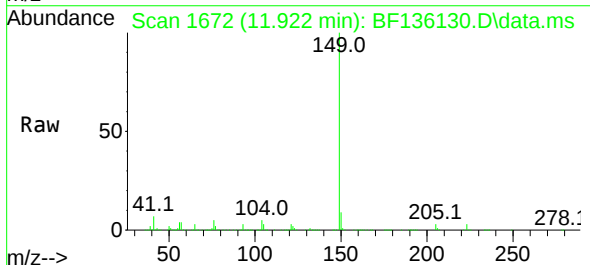
Tgt Ion:167 Resp: 541989
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 12.7 9.9 14.9

Manual Integrations
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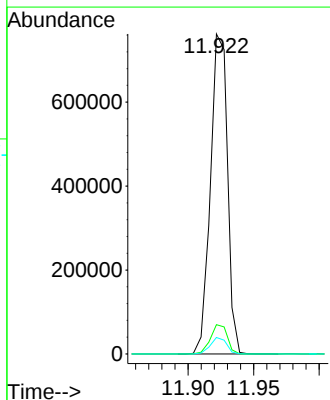
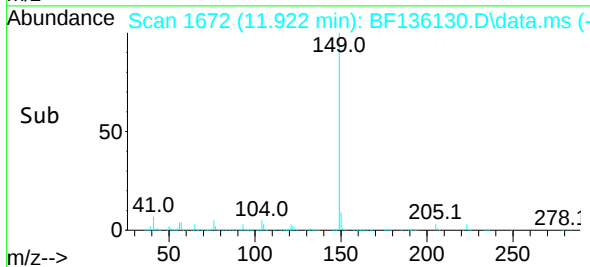
Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023

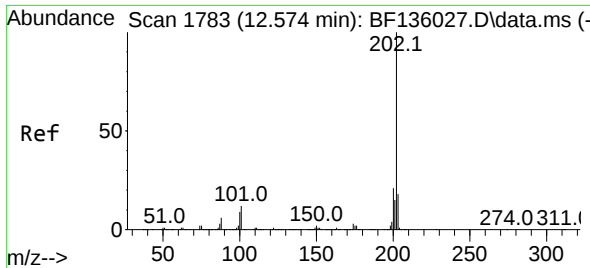


#74
 Di-n-butylphthalate
 Concen: 47.413 ng
 RT: 11.922 min Scan# 1672
 Delta R.T. -0.012 min
 Lab File: BF136130.D
 Acq: 03 Nov 2023 18:09



Tgt Ion:149 Resp: 689238
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.2 3.6 5.4





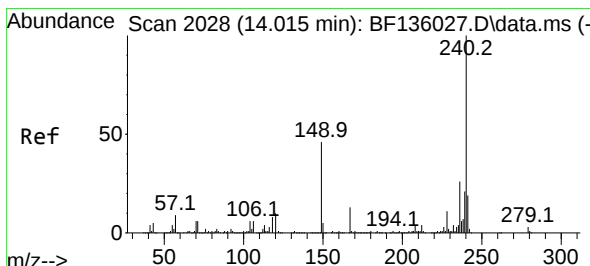
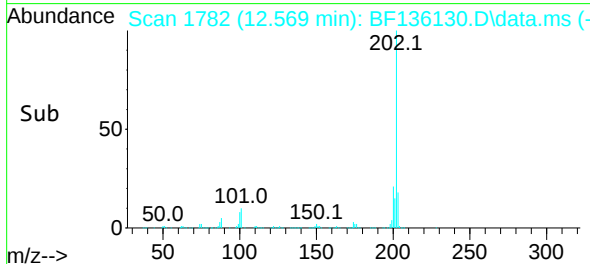
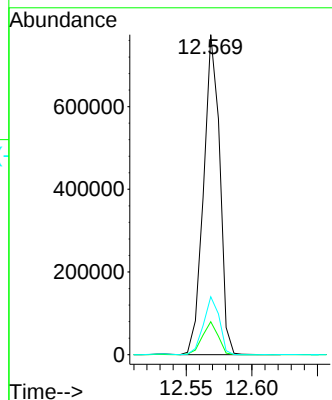
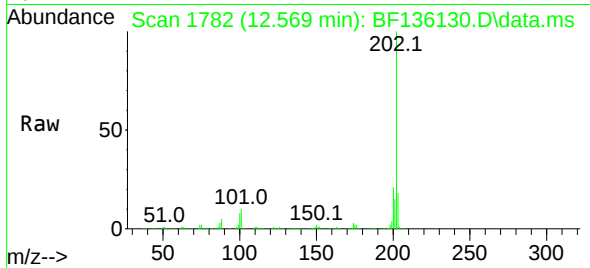
#75
Fluoranthene
Concen: 45.290 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

Instrument :
BNA_F
ClientSampleId :
PE-5MS

Tgt Ion:202 Resp: 664728
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.8
203 18.1 0.0 37.9

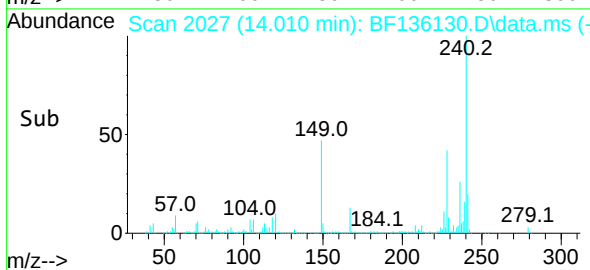
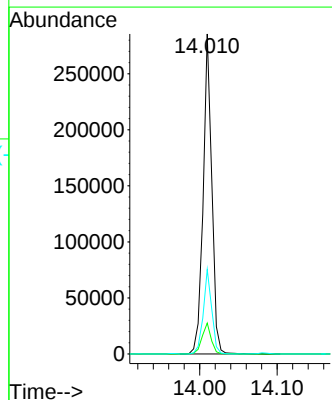
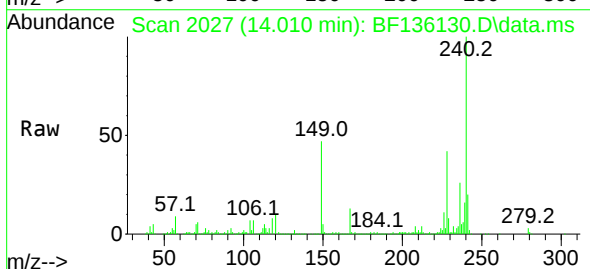
Manual Integrations
APPROVED

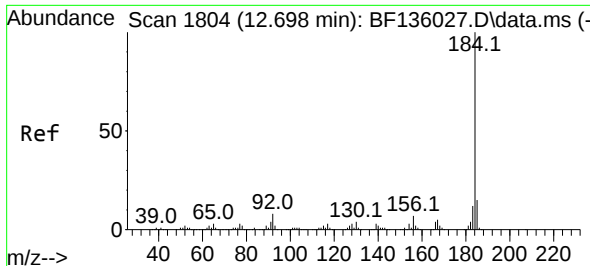
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

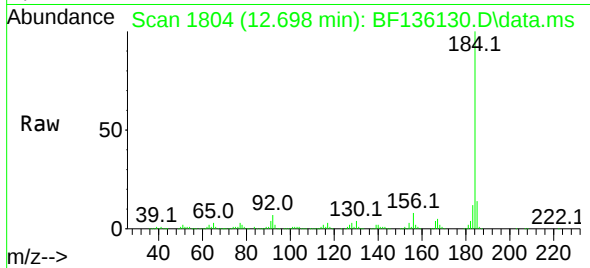
Tgt Ion:240 Resp: 221126
Ion Ratio Lower Upper
240 100
120 9.6 7.6 11.4
236 26.4 20.6 31.0





#77
Benzidine
Concen: 79.434 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

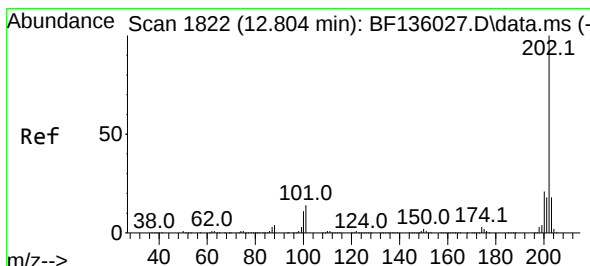
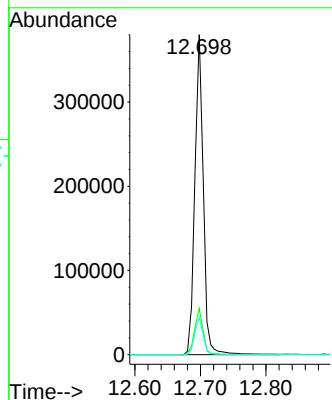
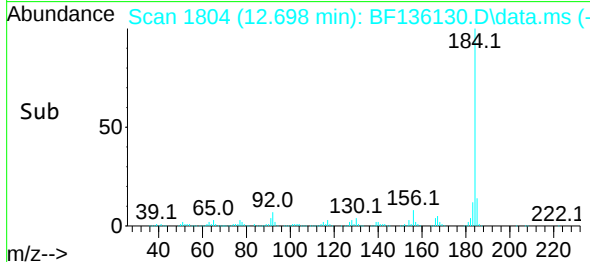
Instrument :
BNA_F
ClientSampleId :
PE-5MS



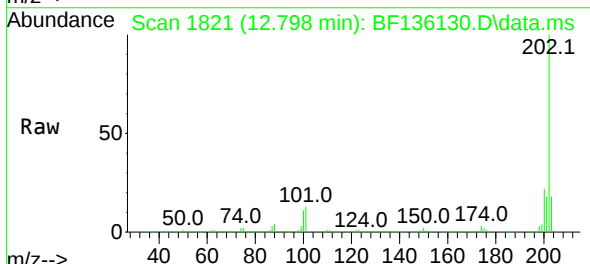
Tgt Ion:184 Resp: 34235
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.8
183 11.6 9.5 14.3

Manual Integrations
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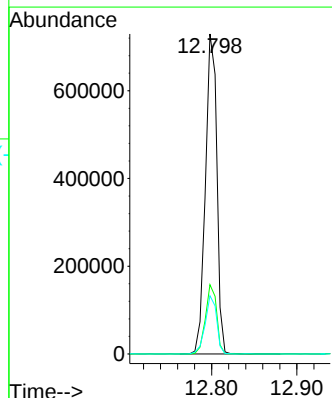
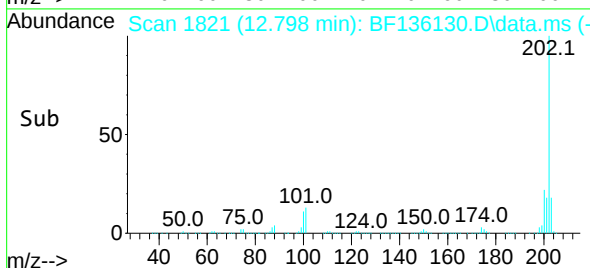
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

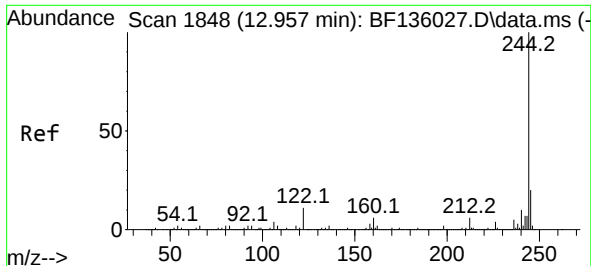


#78
Pyrene
Concen: 34.735 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09



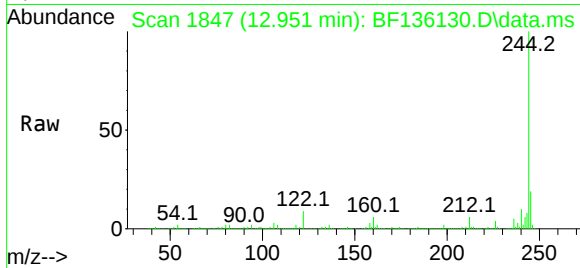
Tgt Ion:202 Resp: 677171
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.4
203 18.2 14.4 21.6





#79
 Terphenyl-d14
 Concen: 47.707 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136130.D
 Acq: 03 Nov 2023 18:09

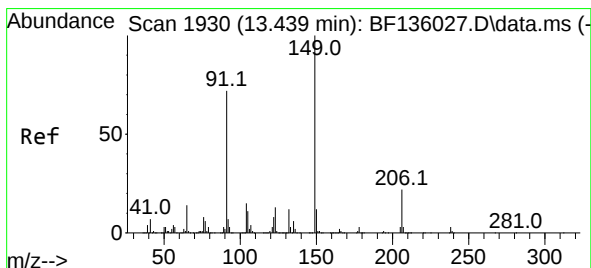
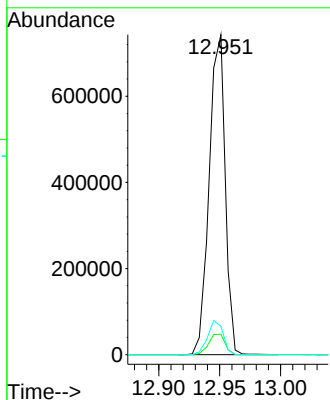
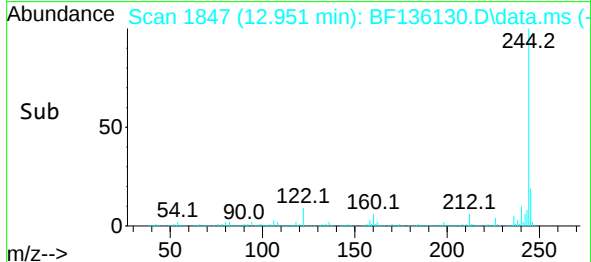
Instrument :
 BNA_F
 ClientSampleId :
 PE-5MS



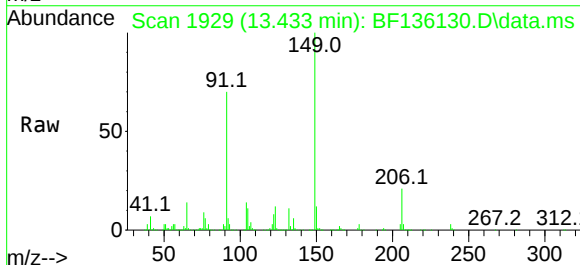
Tgt Ion:244 Resp: 678838
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 8.8 8.6 12.8

Manual Integrations
 APPROVED

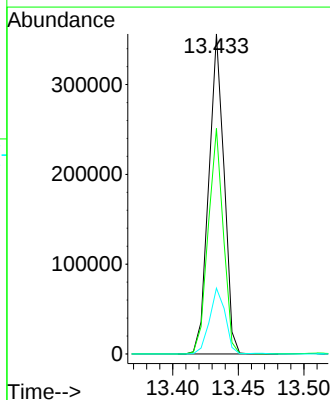
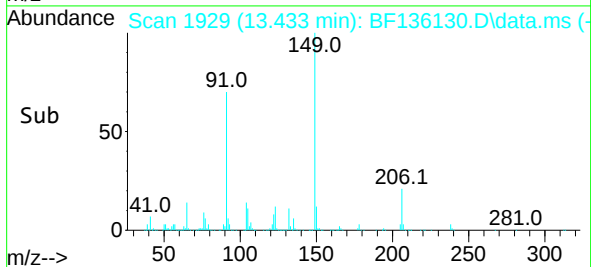
Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023

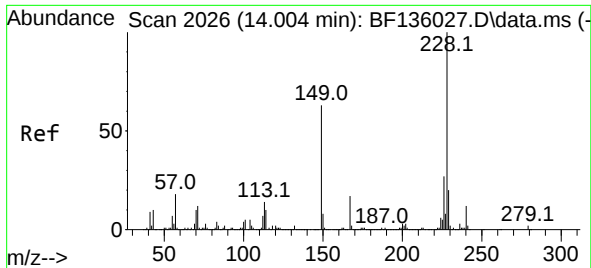


#80
 Butylbenzylphthalate
 Concen: 41.413 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF136130.D
 Acq: 03 Nov 2023 18:09



Tgt Ion:149 Resp: 289003
 Ion Ratio Lower Upper
 149 100
 91 70.5 57.6 86.4
 206 20.6 17.4 26.0





#81
Benzo(a)anthracene
Concen: 44.274 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

Instrument :

BNA_F

ClientSampleId :

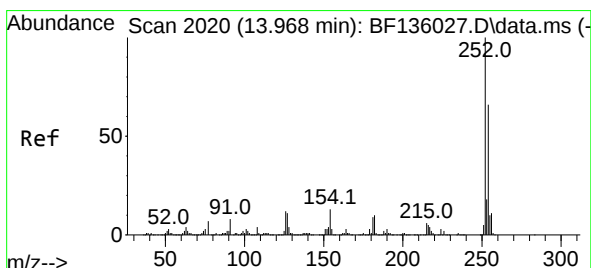
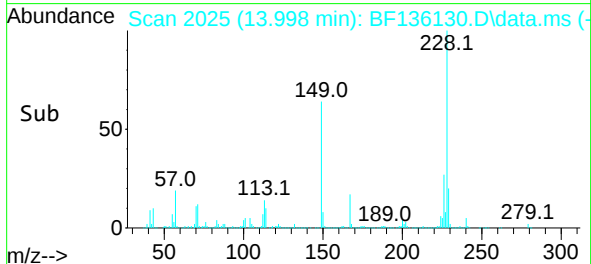
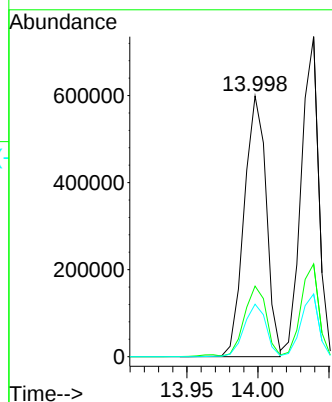
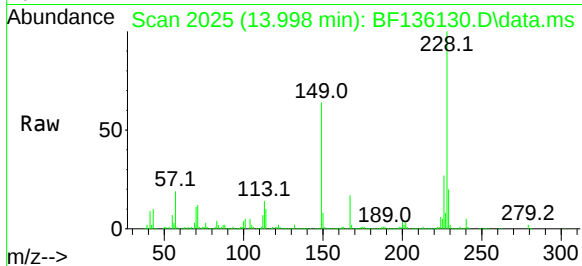
PE-5MS

Tgt Ion:228 Resp: 648140
Ion Ratio Lower Upper
228 100
226 27.1 21.5 32.3
229 20.2 15.8 23.6

Manual Integrations

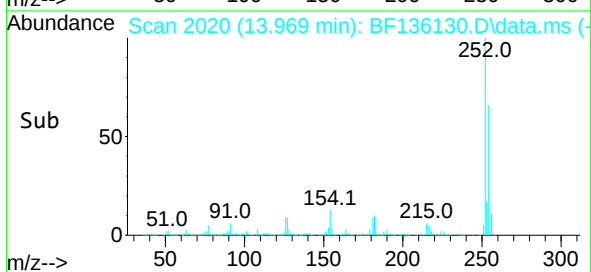
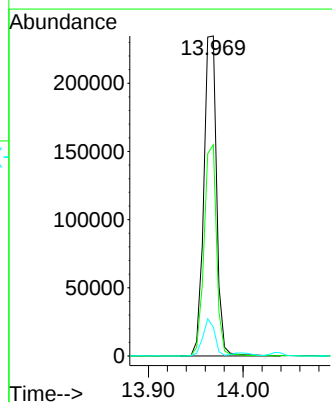
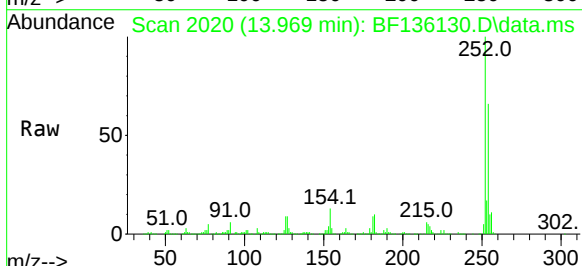
APPROVED

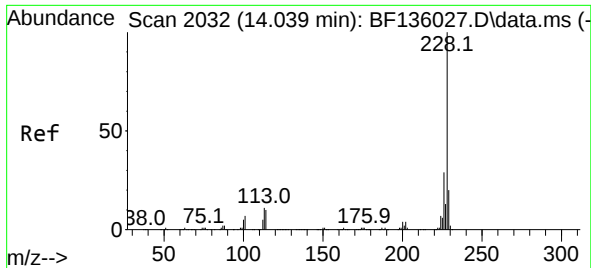
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#82
3,3'-Dichlorobenzidine
Concen: 47.304 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

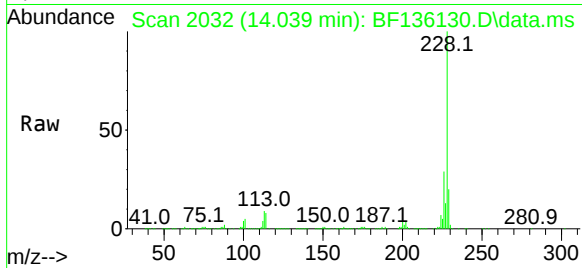
Tgt Ion:252 Resp: 221023
Ion Ratio Lower Upper
252 100
254 66.0 52.5 78.7
126 9.0 9.4 14.2#





#83
Chrysene
Concen: 43.691 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

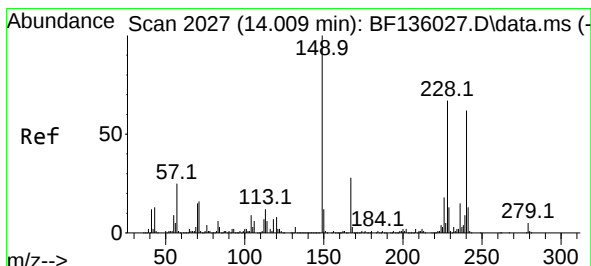
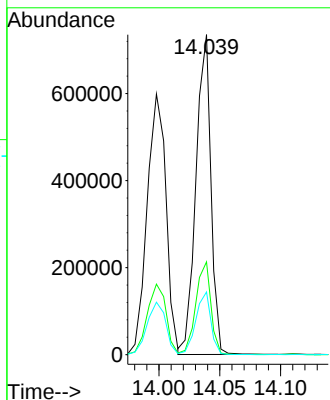
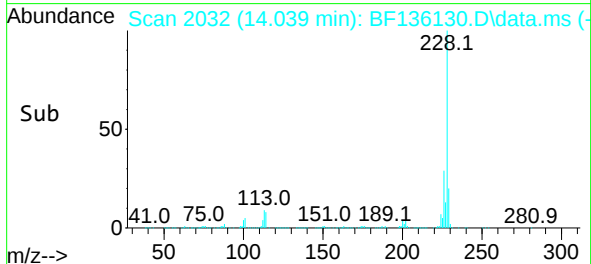
Instrument :
BNA_F
ClientSampleId :
PE-5MS



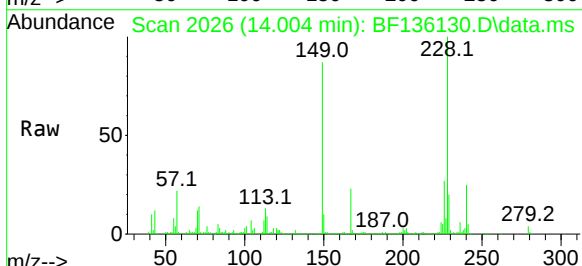
Tgt Ion:228 Resp: 62989
Ion Ratio Lower Upper
228 100
226 29.0 23.5 35.3
229 19.6 16.0 24.0

Manual Integrations
APPROVED

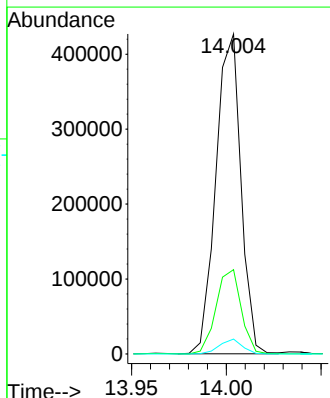
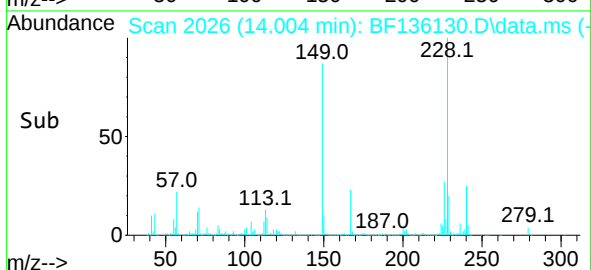
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

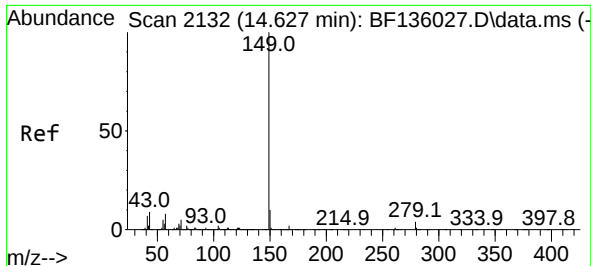


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.279 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09



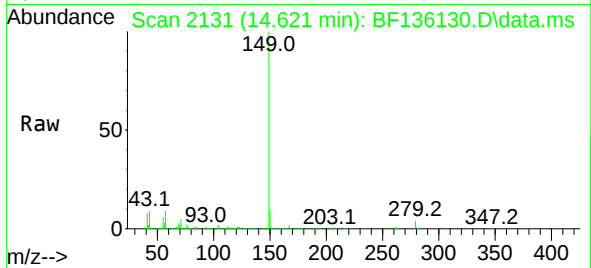
Tgt Ion:149 Resp: 392525
Ion Ratio Lower Upper
149 100
167 26.4 22.6 33.8
279 4.7 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 63.540 ng
RT: 14.621 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

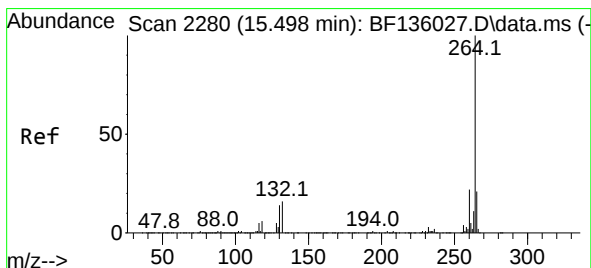
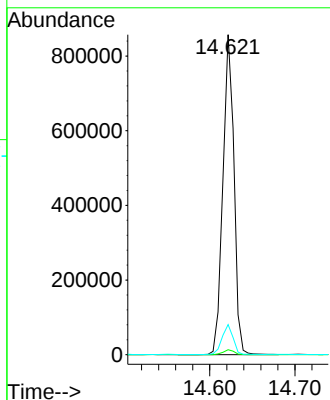
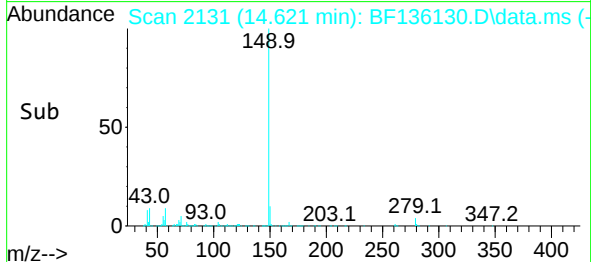
Instrument :
BNA_F
ClientSampleId :
PE-5MS



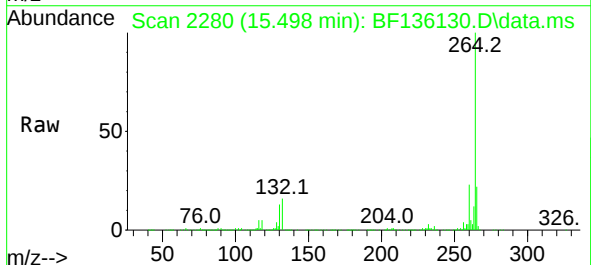
Tgt Ion:149 Resp: 77390
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.3 7.6 11.4

Manual Integrations
APPROVED

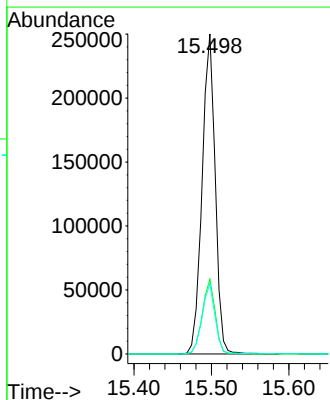
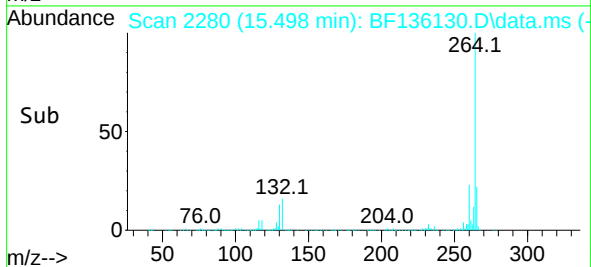
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

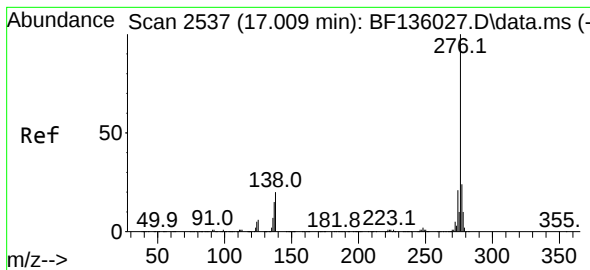


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09



Tgt Ion:264 Resp: 293658
Ion Ratio Lower Upper
264 100
260 23.3 17.9 26.9
265 21.9 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.456 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136130.D

Acq: 03 Nov 2023 18:09

Instrument :

BNA_F

ClientSampleId :

PE-5MS

Tgt Ion:276 Resp: 814820

Ion Ratio Lower Upper

276 100

138 23.1 20.4 30.6

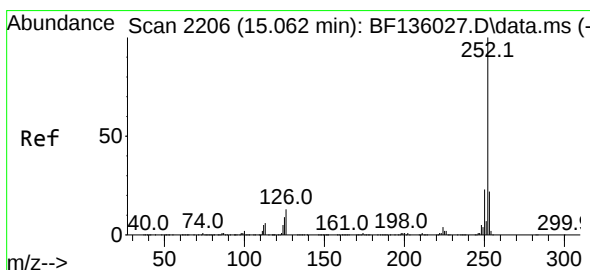
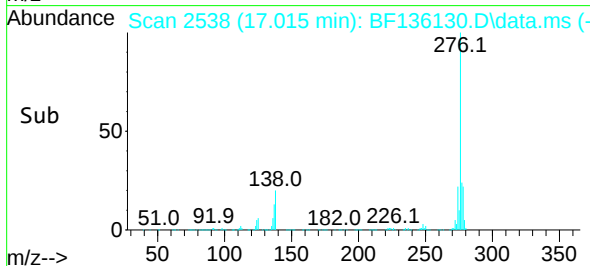
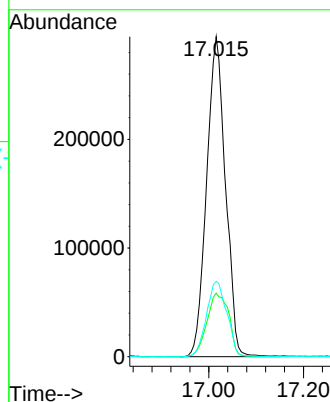
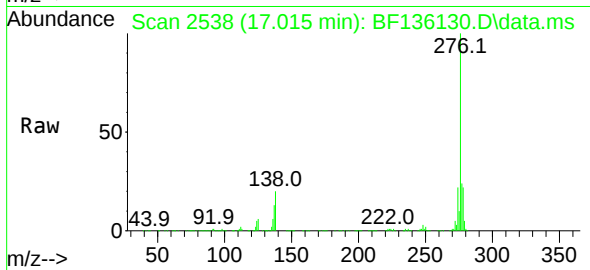
277 25.4 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#88

Benzo(b)fluoranthene

Concen: 42.656 ng

RT: 15.063 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF136130.D

Acq: 03 Nov 2023 18:09

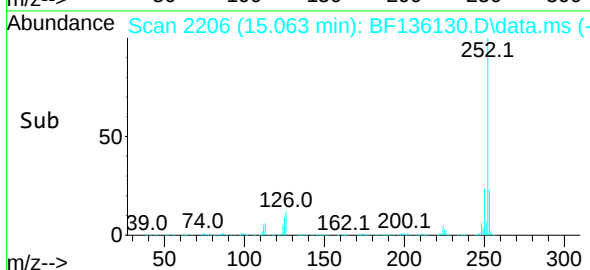
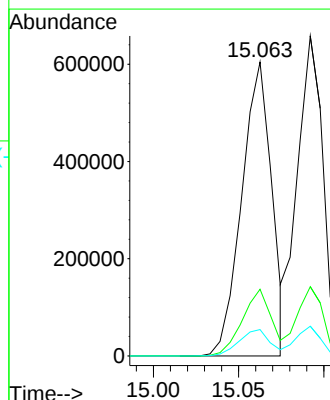
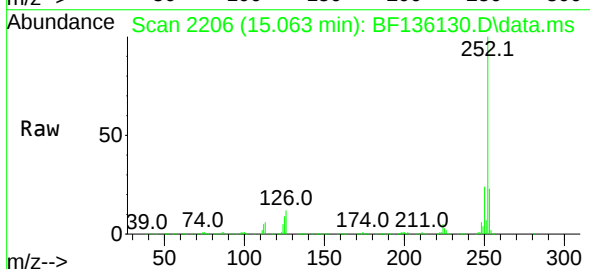
Tgt Ion:252 Resp: 741194

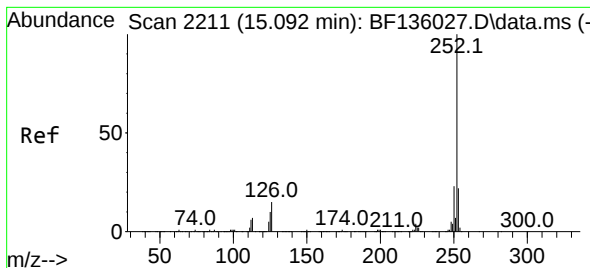
Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 9.0 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 40.226 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136130.D

Acq: 03 Nov 2023 18:09

Instrument :

BNA_F

ClientSampleId :

PE-5MS

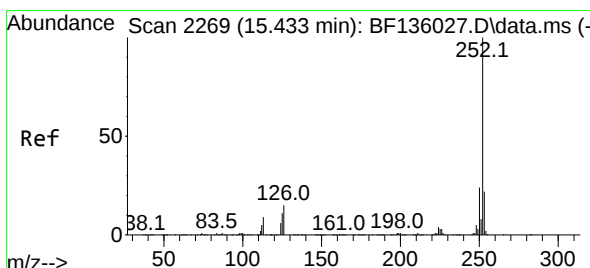
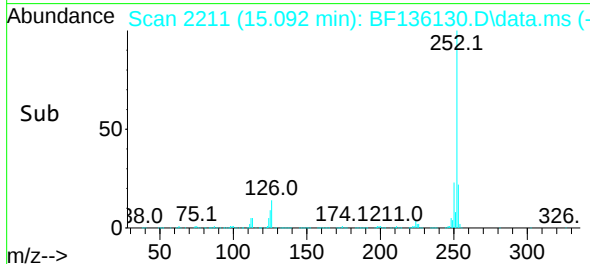
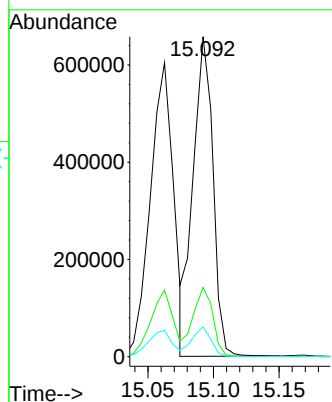
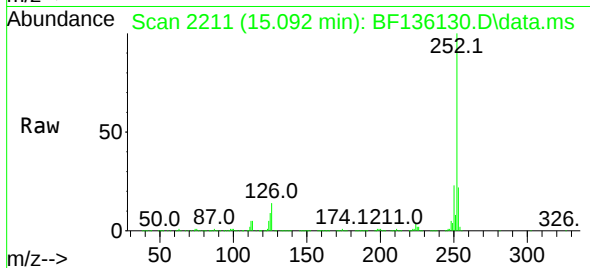
Tgt Ion:	252	Resp:	691594
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.4	26.0
125	9.3	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#90

Benzo(a)pyrene

Concen: 41.240 ng

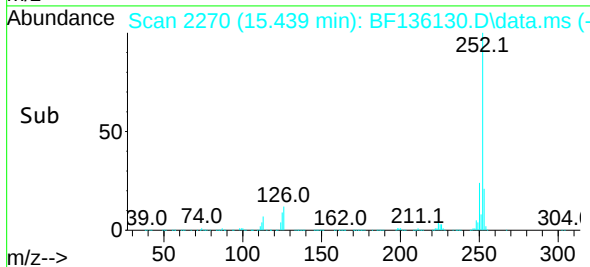
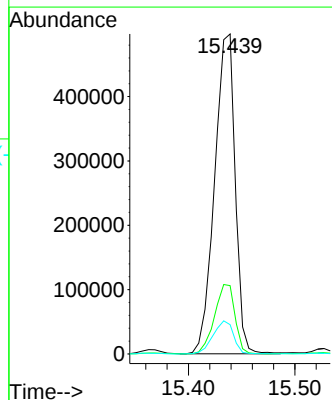
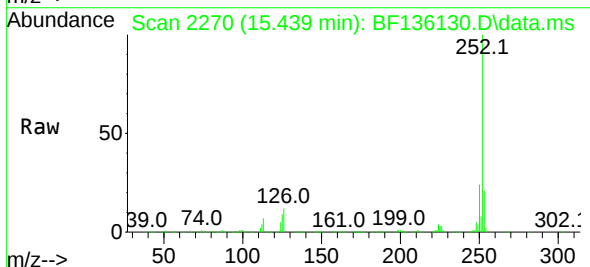
RT: 15.439 min Scan# 2270

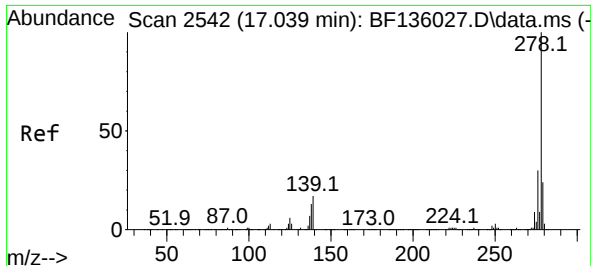
Delta R.T. 0.006 min

Lab File: BF136130.D

Acq: 03 Nov 2023 18:09

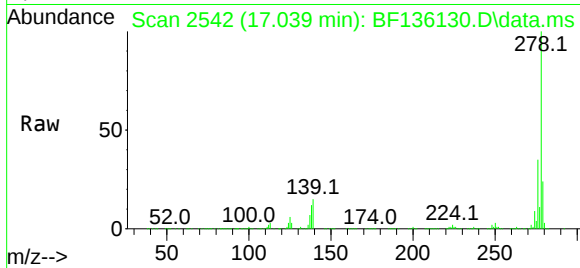
Tgt Ion:	252	Resp:	665829
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.3	25.9
125	9.2	9.0	13.6





#91
Dibenzo(a,h)anthracene
Concen: 42.739 ng
RT: 17.039 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09

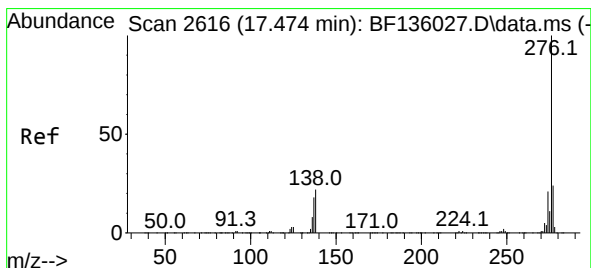
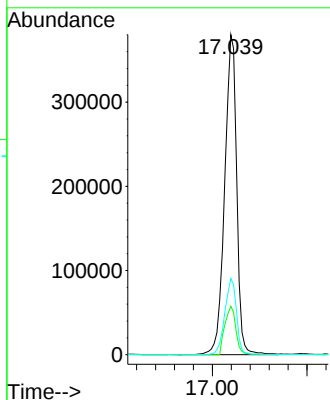
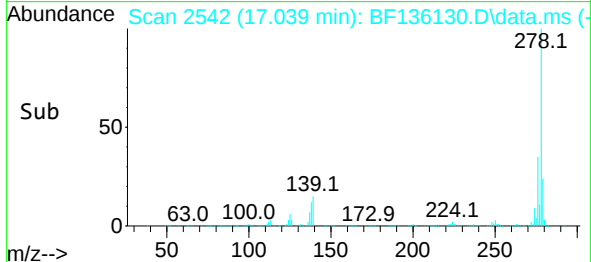
Instrument :
BNA_F
ClientSampleId :
PE-5MS



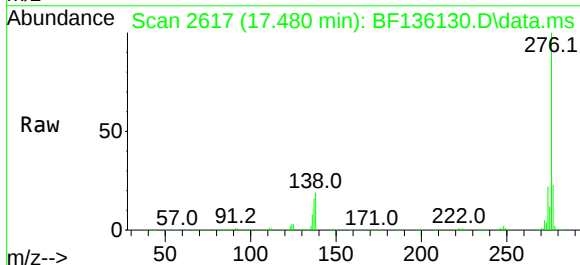
Tgt Ion:278 Resp: 671908
Ion Ratio Lower Upper
278 100
139 15.1 13.7 20.5
279 23.8 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#92
Benzo(g,h,i)perylene
Concen: 35.167 ng
RT: 17.480 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF136130.D
Acq: 03 Nov 2023 18:09



Tgt Ion:276 Resp: 614706
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.4
138 19.2 17.4 26.2

