

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136131.D
 Acq On : 03 Nov 2023 18:39
 Operator : CG\JU
 Sample : 05141-05MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-5MSD

Quant Time: Nov 04 00:11:00 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	95839	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	346631	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	160658	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	268122	20.000	ng	0.00
76) Chrysene-d12	14.010	240	211095	20.000	ng	0.00
86) Perylene-d12	15.498	264	271987	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	537460	88.124	ng	0.00
7) Phenol-d6	6.457	99	638348	84.005	ng	0.00
23) Nitrobenzene-d5	7.386	82	396466	68.949	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	160426	93.552	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	725412	71.978	ng	0.00
79) Terphenyl-d14	12.945	244	733383	53.990	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	111196	41.870	ng	98
3) Pyridine	3.393	79	257971	35.588	ng	97
4) n-Nitrosodimethylamine	3.363	42	140935	46.501	ng	# 87
6) Aniline	6.487	93	339725	34.531	ng	98
8) 2-Chlorophenol	6.604	128	297641	45.647	ng	99
9) Benzaldehyde	6.369	77	78853	18.610	ng	97
10) Phenol	6.469	94	335261m	42.656	ng	
11) bis(2-Chloroethyl)ether	6.563	93	277103	45.035	ng	100
12) 1,3-Dichlorobenzene	6.763	146	326562	48.120	ng	99
13) 1,4-Dichlorobenzene	6.839	146	330806	48.640	ng	98
14) 1,2-Dichlorobenzene	6.987	146	310586	48.839	ng	96
15) Benzyl Alcohol	6.963	79	241829	44.883	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.098	45	374234	44.188	ng	99
17) 2-Methylphenol	7.075	107	217526	39.325	ng	96
18) Hexachloroethane	7.334	117	121345	50.763	ng	92
19) n-Nitroso-di-n-propyla...	7.239	70	188665	43.453	ng	98
20) 3+4-Methylphenols	7.228	107	269975	40.025	ng	96
22) Acetophenone	7.234	105	386461	50.279	ng	97
24) Nitrobenzene	7.404	77	287086	49.358	ng	97
25) Isophorone	7.639	82	507843	46.782	ng	99
26) 2-Nitrophenol	7.716	139	147337	55.521	ng	# 88
27) 2,4-Dimethylphenol	7.757	122	206709	41.221	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	312534	46.988	ng	99
29) 2,4-Dichlorophenol	7.957	162	224733	47.538	ng	96
30) 1,2,4-Trichlorobenzene	8.039	180	266398	51.657	ng	98
31) Naphthalene	8.122	128	815962	48.815	ng	99
32) Benzoic acid	7.869	122	160302	40.767	ng	99
33) 4-Chloroaniline	8.169	127	224057	30.608	ng	99
34) Hexachlorobutadiene	8.239	225	161729	54.684	ng	99
35) Caprolactam	8.545	113	65967m	42.915	ng	
36) 4-Chloro-3-methylphenol	8.651	107	227222	45.782	ng	95
37) 2-Methylnaphthalene	8.816	142	504711	45.032	ng	99
38) 1-Methylnaphthalene	8.916	142	490727	47.049	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	244658	53.397	ng	98
41) Hexachlorocyclopentadiene	8.969	237	262857	107.384	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	149534	50.055	ng	99

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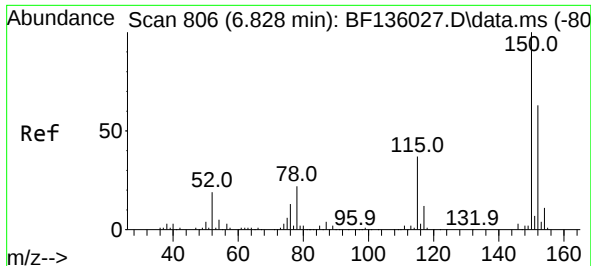
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	162858	47.061	ng	97
46) 1,1'-Biphenyl	9.281	154	641222	52.357	ng	99
47) 2-Chloronaphthalene	9.304	162	475300	52.644	ng	98
48) 2-Nitroaniline	9.398	65	134930	50.498	ng	95
49) Acenaphthylene	9.722	152	723087	51.338	ng	99
50) Dimethylphthalate	9.586	163	522138	49.271	ng	100
51) 2,6-Dinitrotoluene	9.645	165	116131	51.237	ng	99
52) Acenaphthene	9.892	154	443602	49.543	ng	99
53) 3-Nitroaniline	9.810	138	97618	36.912	ng	90
54) 2,4-Dinitrophenol	9.922	184	105019	84.945	ng	96
55) Dibenzofuran	10.069	168	642367	49.200	ng	98
56) 4-Nitrophenol	9.975	139	178588	90.277	ng	83
57) 2,4-Dinitrotoluene	10.051	165	144870	50.518	ng	91
58) Fluorene	10.410	166	481149	49.220	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	129599	47.106	ng	98
60) Diethylphthalate	10.286	149	500187	49.399	ng	98
61) 4-Chlorophenyl-phenyle...	10.404	204	237089	48.587	ng	94
62) 4-Nitroaniline	10.427	138	108657	42.668	ng	94
63) Azobenzene	10.563	77	458332	47.002	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	70511	47.878	ng	98
66) n-Nitrosodiphenylamine	10.522	169	420004	51.928	ng	98
67) 4-Bromophenyl-phenylether	10.898	248	148540	52.841	ng	96
68) Hexachlorobenzene	10.957	284	165316	55.064	ng	95
69) Atrazine	11.057	200	139813	63.533	ng	95
70) Pentachlorophenol	11.151	266	178324	92.486	ng	97
71) Phenanthrene	11.374	178	699298	51.800	ng	99
72) Anthracene	11.427	178	693913	50.162	ng	99
73) Carbazole	11.586	167	586504	48.790	ng	100
74) Di-n-butylphthalate	11.922	149	733163	53.375	ng	99
75) Fluoranthene	12.569	202	721530	52.026	ng	98
77) Benzidine	12.698	184	367107	89.225	ng	99
78) Pyrene	12.798	202	728830	39.161	ng	99
80) Butylbenzylphthalate	13.433	149	312171	46.859	ng	97
81) Benzo(a)anthracene	13.998	228	694889	49.723	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	236674	53.061	ng	98
83) Chrysene	14.033	228	673118	48.908	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	423298	54.538	ng	# 97
85) Di-n-octyl phthalate	14.621	149	828066	71.218	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	856077	48.159	ng	97
88) Benzo(b)fluoranthene	15.062	252	785447	48.804	ng	99
89) Benzo(k)fluoranthene	15.092	252	725872	45.583	ng	99
90) Benzo(a)pyrene	15.439	252	707415	47.307	ng	98
91) Dibenzo(a,h)anthracene	17.045	278	709973	48.759	ng	97
92) Benzo(g,h,i)perylene	17.474	276	653630	39.945	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

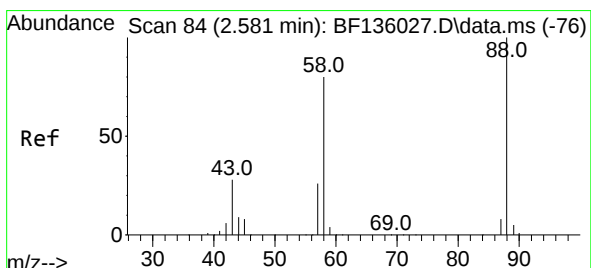
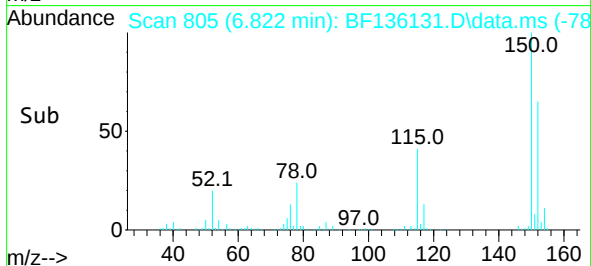
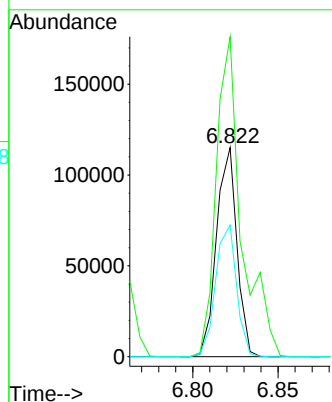
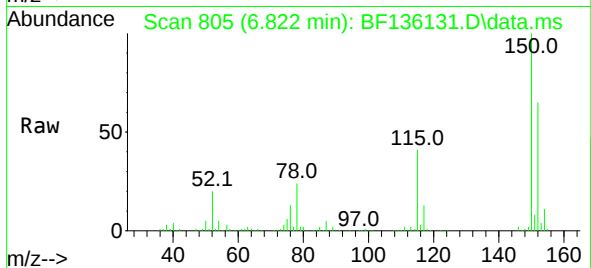
PE-5MSD

Tgt Ion:152 Resp: 95839
Ion Ratio Lower Upper
152 100
150 153.0 126.4 189.6
115 62.9 47.0 70.4

Manual Integrations

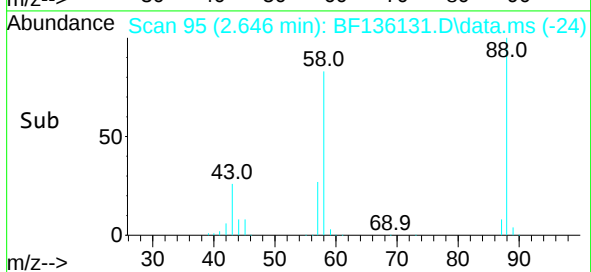
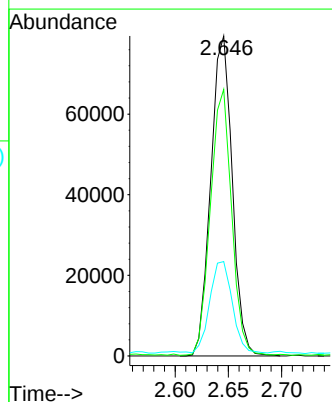
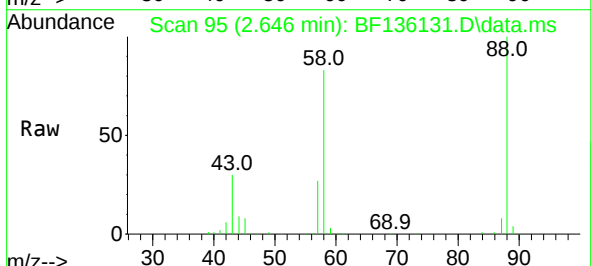
APPROVED

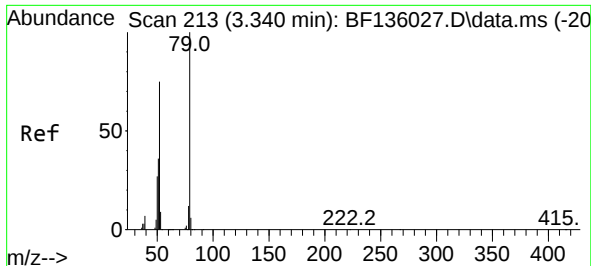
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#2
1,4-Dioxane
Concen: 41.870 ng
RT: 2.646 min Scan# 95
Delta R.T. 0.065 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

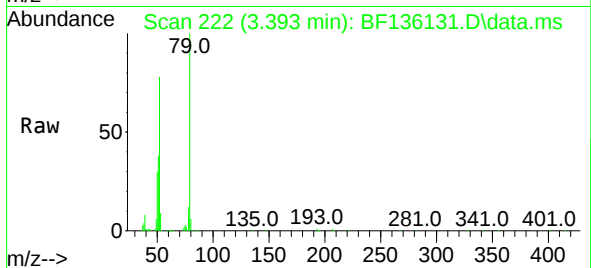
Tgt Ion: 88 Resp: 111196
Ion Ratio Lower Upper
88 100
58 82.0 64.3 96.5
43 29.7 22.3 33.5





#3
Pyridine
Concen: 35.588 ng
RT: 3.393 min Scan# 213
Delta R.T. 0.053 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

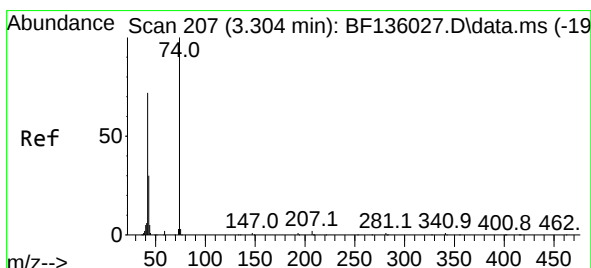
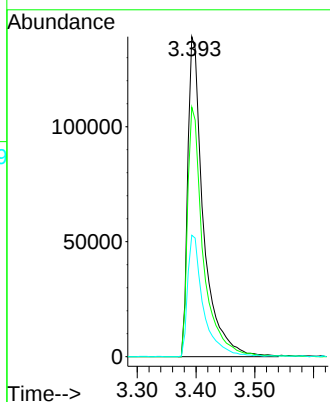
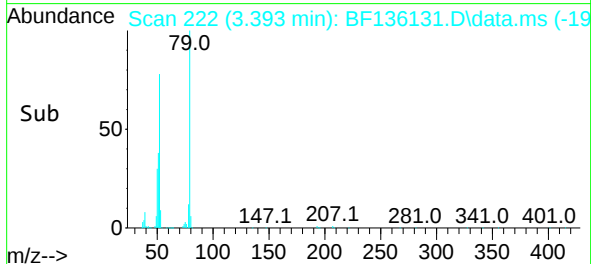
Instrument :
BNA_F
ClientSampleId :
PE-5MSD



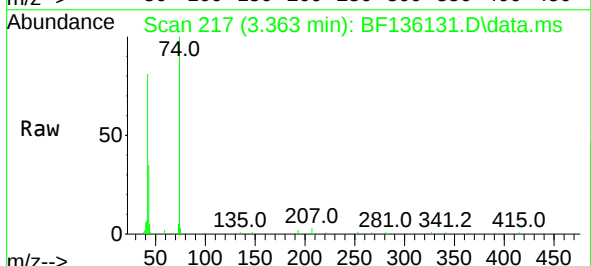
Tgt Ion: 79 Resp: 25797
Ion Ratio Lower Upper
79 100
52 77.9 60.3 90.5
51 37.9 29.3 43.9

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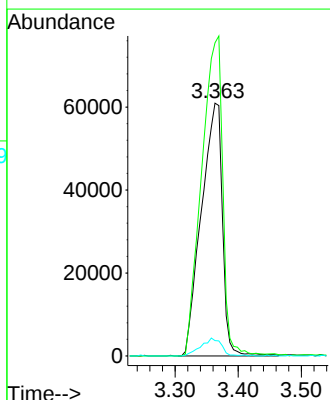
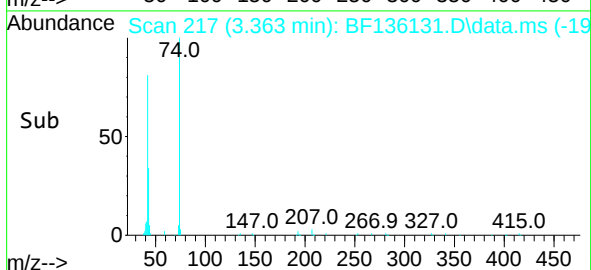
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

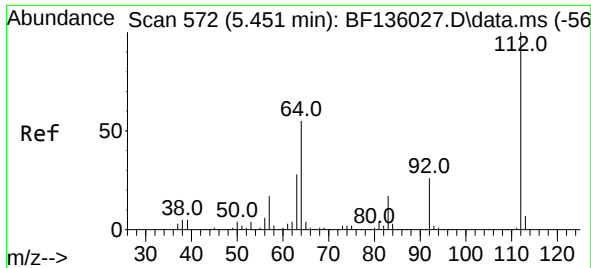


#4
n-Nitrosodimethylamine
Concen: 46.501 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.059 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39



Tgt Ion: 42 Resp: 140935
Ion Ratio Lower Upper
42 100
74 123.8 111.8 167.6
44 6.1 6.2 9.4





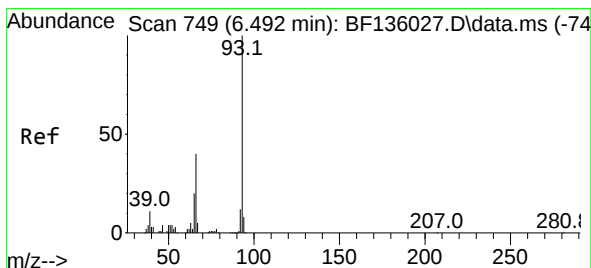
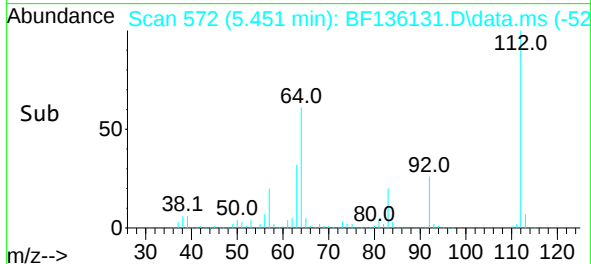
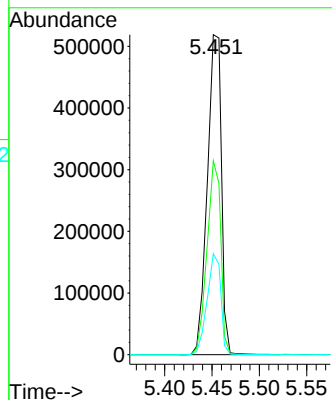
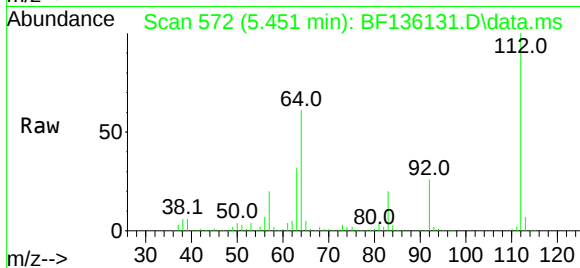
#5
2-Fluorophenol
Concen: 88.124 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Instrument :
BNA_F
ClientSampleId :
PE-5MSD

Tgt Ion:112 Resp: 537460
Ion Ratio Lower Upper
112 100
64 60.6 43.9 65.9
63 31.5 22.4 33.6

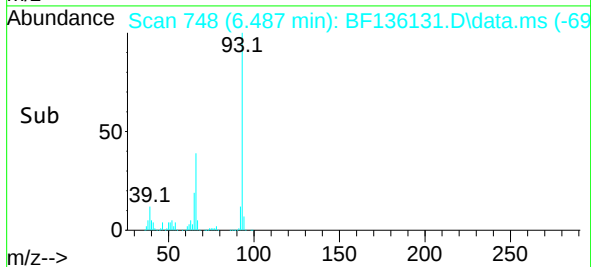
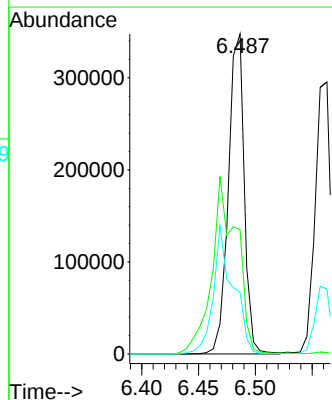
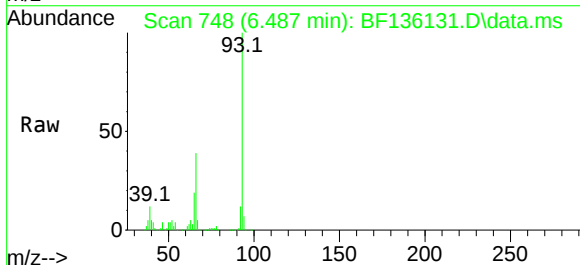
Manual Integrations
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Supervised By :mohammad ahmed 11/04/2023



#6
Aniline
Concen: 34.531 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

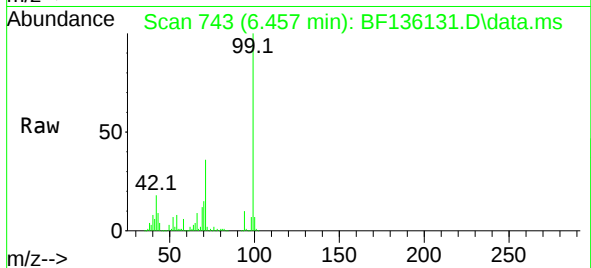
Tgt Ion: 93 Resp: 339725
Ion Ratio Lower Upper
93 100
66 38.9 32.4 48.6
65 19.3 16.2 24.2





#7
Phenol-d6
Concen: 84.005 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

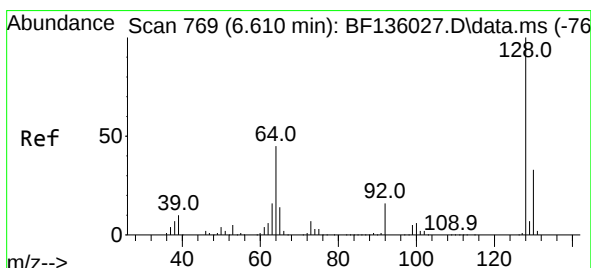
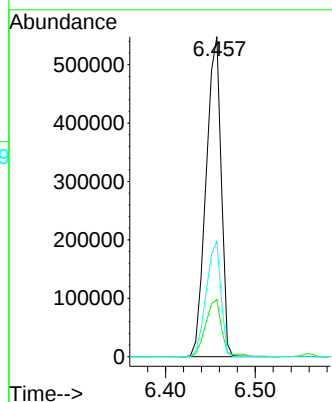
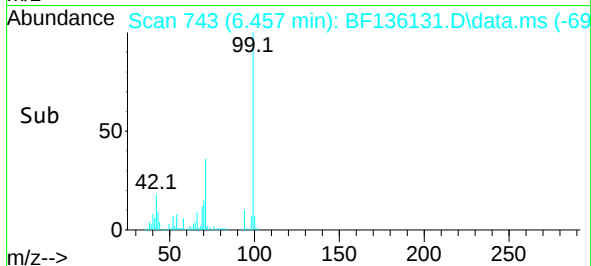
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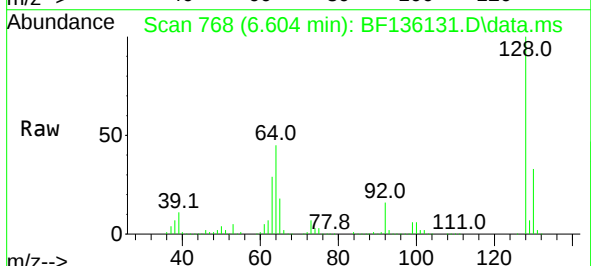
Tgt Ion: 99 Resp: 638348
Ion Ratio Lower Upper
99 100
42 17.9 13.7 20.5
71 36.1 25.9 38.9

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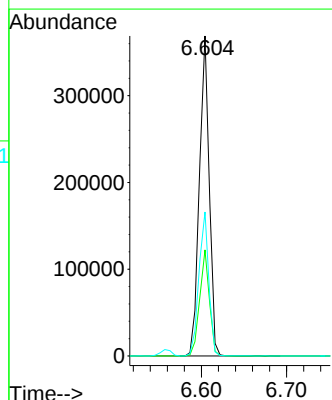
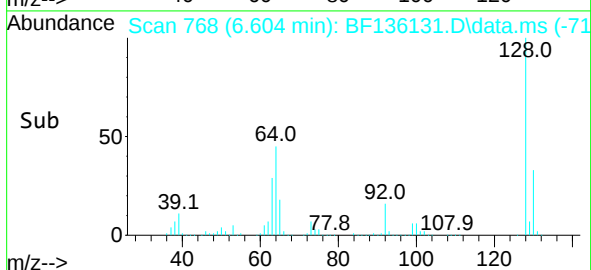
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#8
2-Chlorophenol
Concen: 45.647 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39



Tgt Ion:128 Resp: 297641
Ion Ratio Lower Upper
128 100
130 33.1 12.8 52.8
64 45.0 25.8 65.8





#9

Benzaldehyde

Concen: 18.610 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136131.D

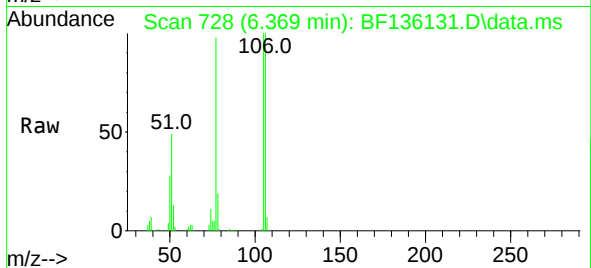
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Instrument :

BNA_F

ClientSampleId :

PE-5MSD



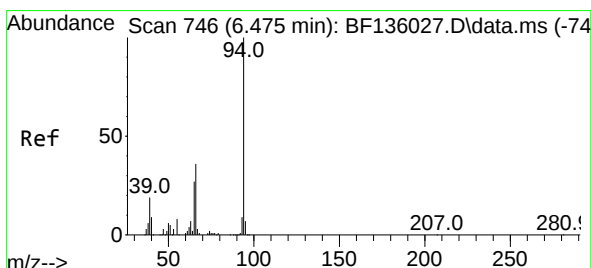
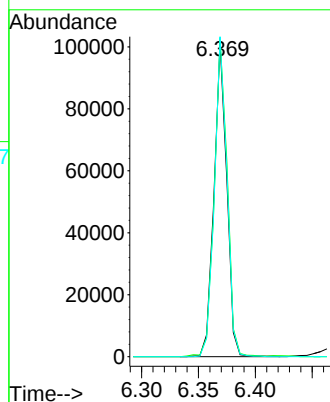
Tgt Ion: 77	Resp: 7885
Ion Ratio	Lower Upper
77 100	
105 101.6	85.7 125.7
106 102.0	79.8 119.8

Manual Integrations

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Supervised By :mohammad ahmed 11/04/2023



#10

Phenol

Concen: 42.656 ng m

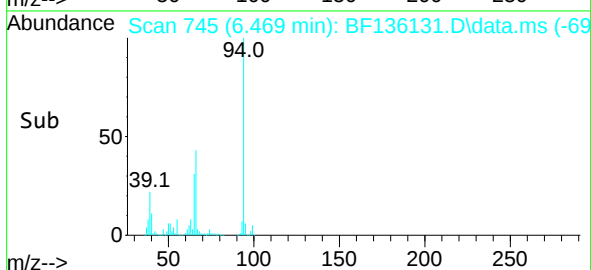
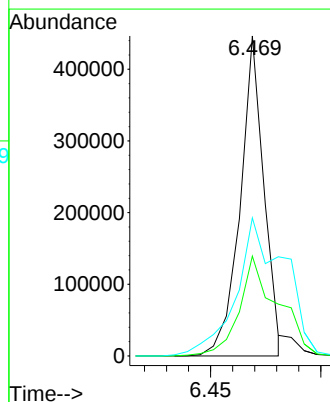
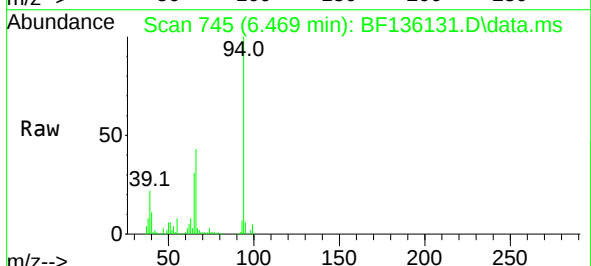
RT: 6.469 min Scan# 745

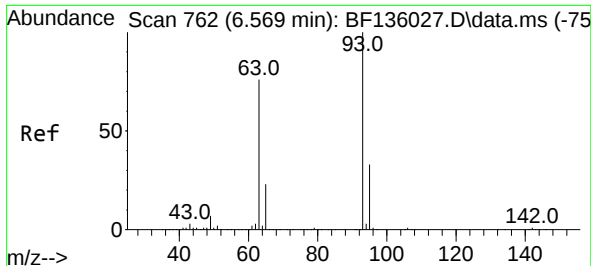
Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Tgt Ion: 94	Resp: 335261
Ion Ratio	Lower Upper
94 100	
65 31.2	7.5 47.5
66 43.2	17.1 57.1





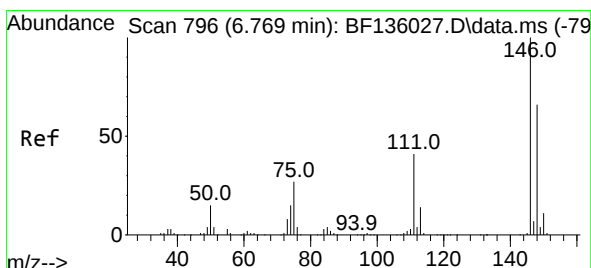
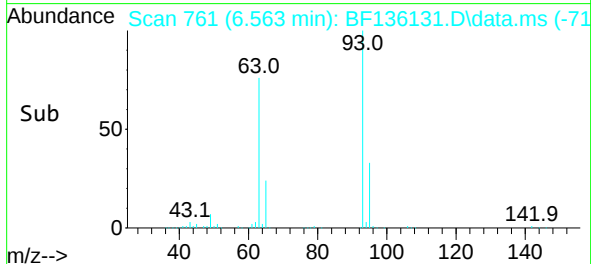
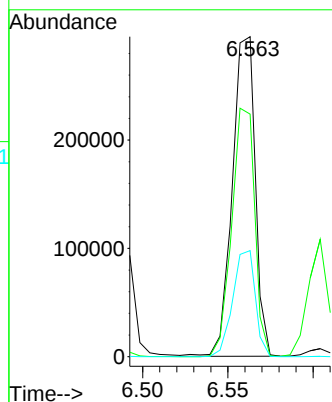
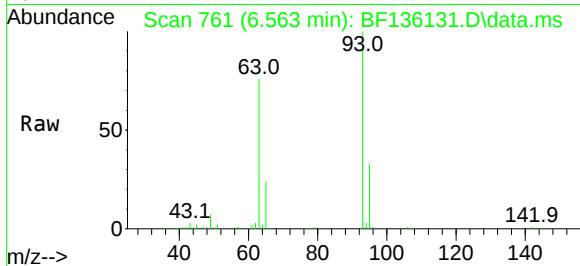
#11
bis(2-Chloroethyl)ether
Concen: 45.035 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Instrument :
BNA_F
ClientSampleId :
PE-5MSD

Tgt Ion: 93 Resp: 27710
Ion Ratio Lower Upper
93 100
63 75.8 55.8 95.8
95 33.1 12.9 52.9

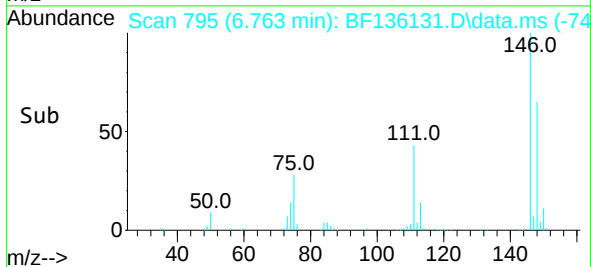
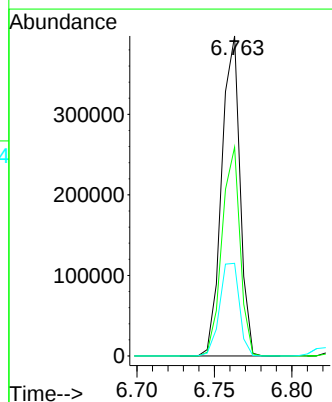
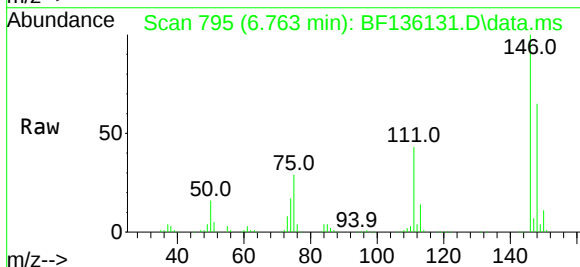
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 48.120 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:146 Resp: 326562
Ion Ratio Lower Upper
146 100
148 65.3 52.6 78.8
75 28.9 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 48.640 ng

RT: 6.839 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

Tgt Ion:146 Resp: 330800

Ion Ratio Lower Upper

146 100

148 63.9 52.1 78.1

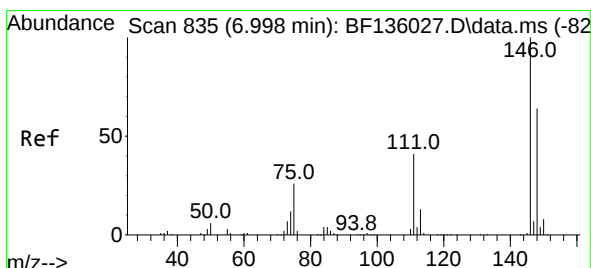
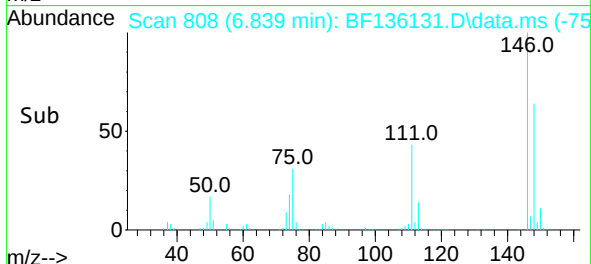
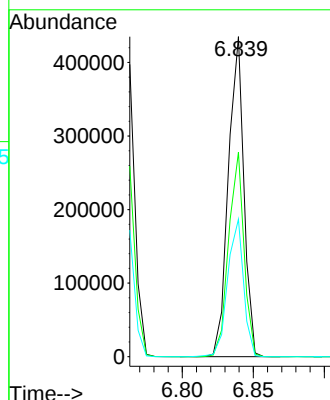
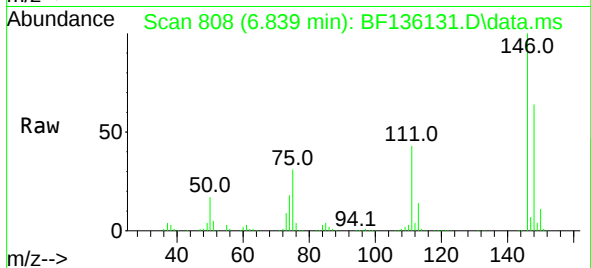
111 43.0 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#14

1,2-Dichlorobenzene

Concen: 48.839 ng

RT: 6.987 min Scan# 833

Delta R.T. -0.012 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

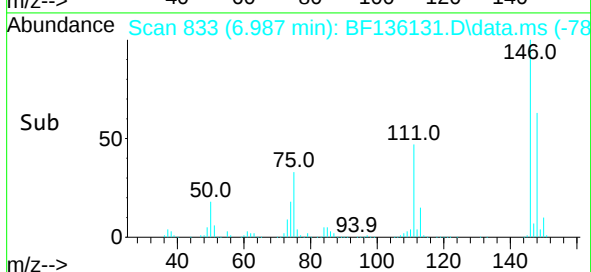
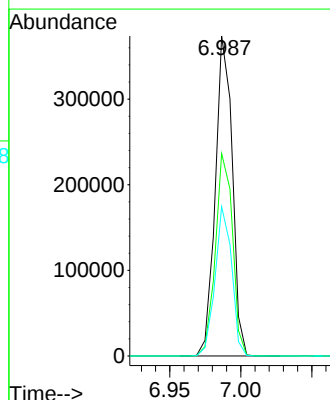
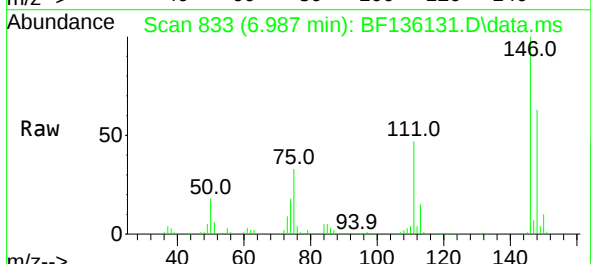
Tgt Ion:146 Resp: 310586

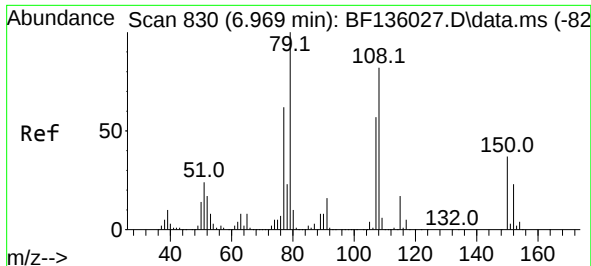
Ion Ratio Lower Upper

146 100

148 63.3 51.4 77.2

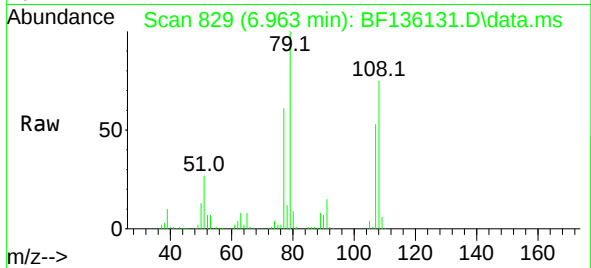
111 46.7 33.0 49.4





#15
Benzyl Alcohol
Concen: 44.883 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

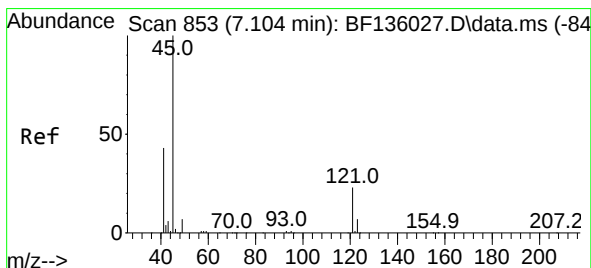
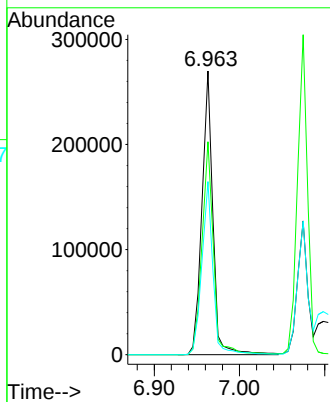
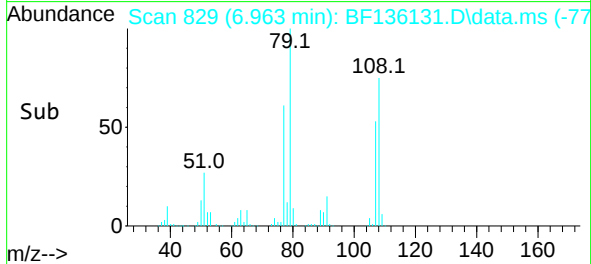
Instrument :
BNA_F
ClientSampleId :
PE-5MSD



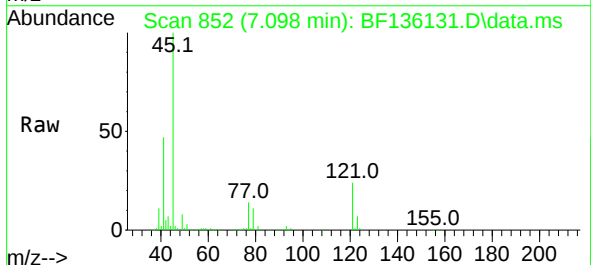
Tgt Ion: 79 Resp: 241829
Ion Ratio Lower Upper
79 100
108 75.1 65.9 98.9
77 61.1 49.4 74.2

Manual Integrations
APPROVED

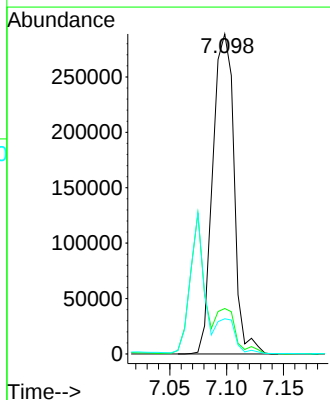
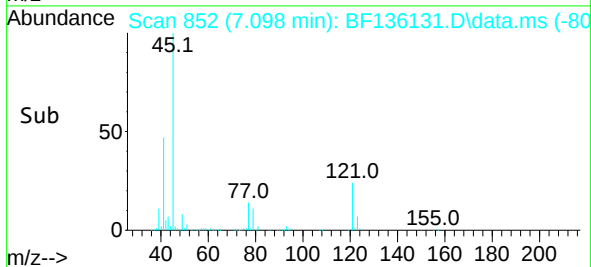
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

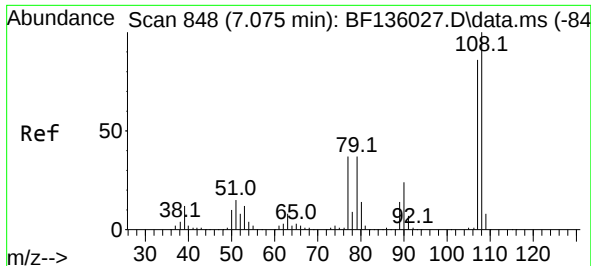


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.188 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39



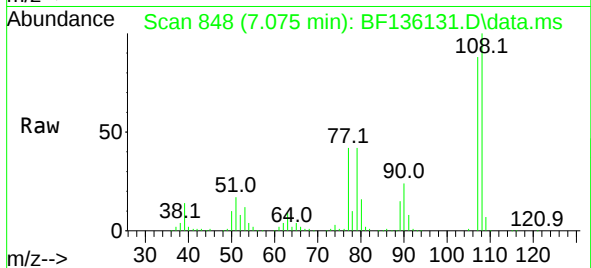
Tgt Ion: 45 Resp: 374234
Ion Ratio Lower Upper
45 100
77 14.2 0.0 34.6
79 11.0 0.0 30.6





#17
2-Methylphenol
Concen: 39.325 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

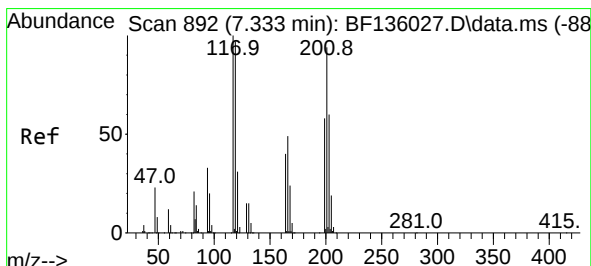
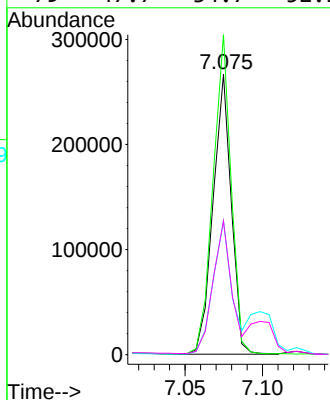
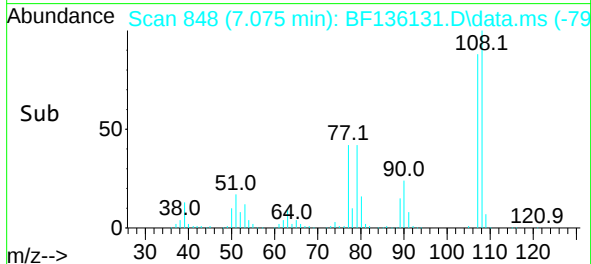
Instrument :
BNA_F
Client SampleId :
PE-5MSD



Tgt Ion:107 Resp: 217520
Ion Ratio Lower Upper
107 100
108 114.0 93.4 140.2
77 47.5 34.4 51.6
79 47.7 34.7 52.1

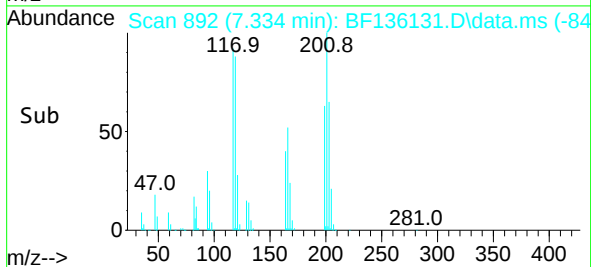
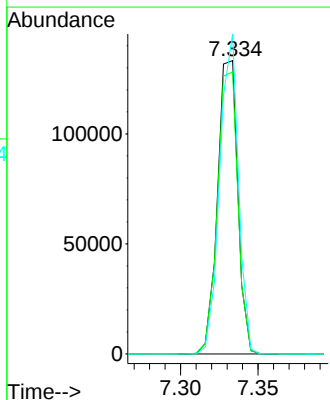
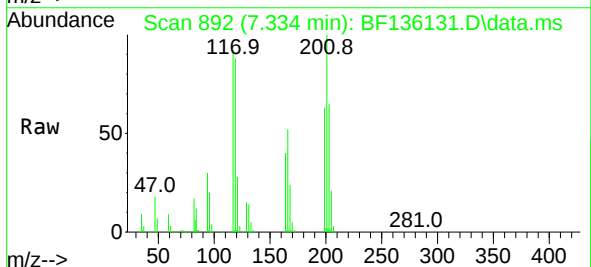
Manual Integrations
APPROVED

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



#18
Hexachloroethane
Concen: 50.763 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

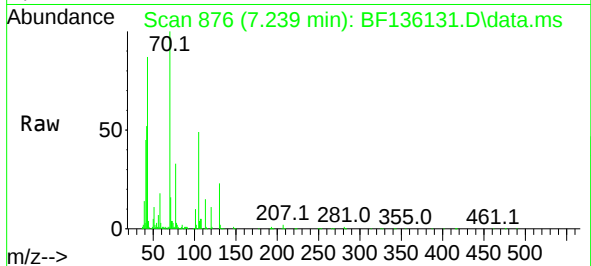
Tgt Ion:117 Resp: 121345
Ion Ratio Lower Upper
117 100
119 96.2 77.7 116.5
201 109.1 75.0 112.6





#19
n-Nitroso-di-n-propylamine
Concen: 43.453 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

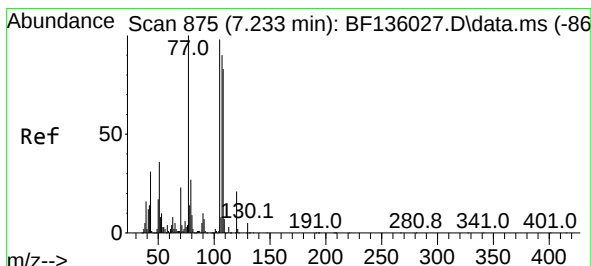
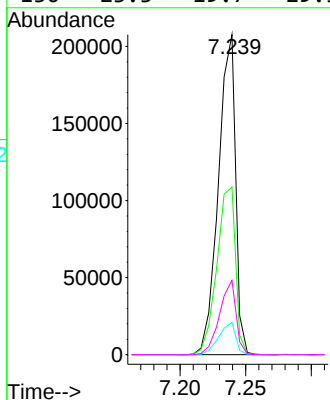
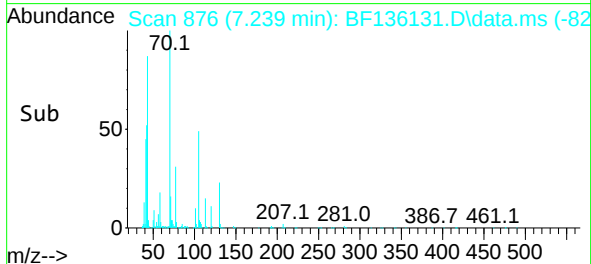
Instrument :
BNA_F
ClientSampleId :
PE-5MSD



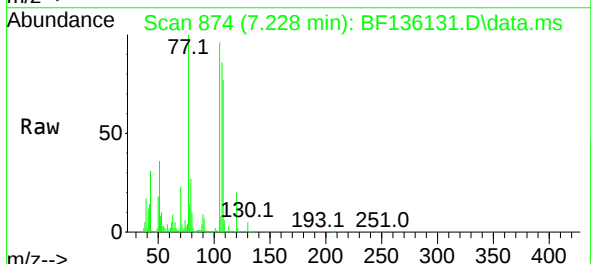
Tgt Ion: 70 Resp: 18866
Ion Ratio Lower Upper
70 100
42 52.4 43.0 64.4
101 10.1 8.0 12.0
130 23.3 19.7 29.5

Manual Integrations
APPROVED

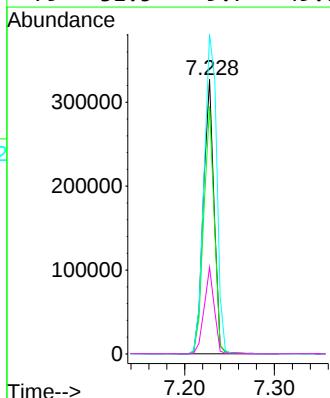
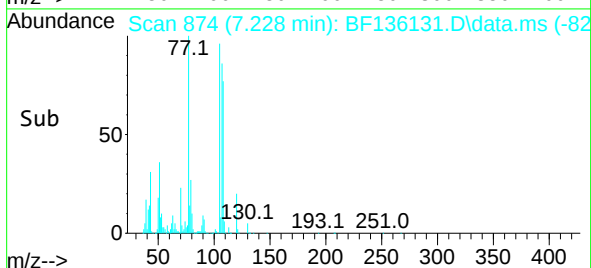
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

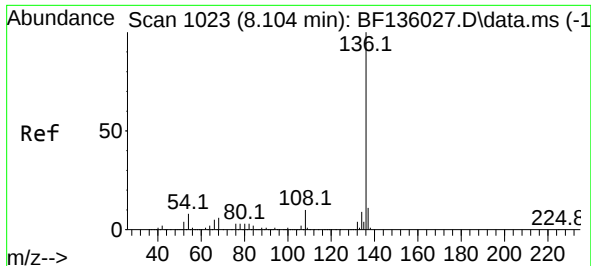


#20
3+4-Methylphenols
Concen: 40.025 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39



Tgt Ion:107 Resp: 269975
Ion Ratio Lower Upper
107 100
108 90.1 72.3 112.3
77 116.6 91.4 131.4
79 31.5 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: BF136131.D
Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

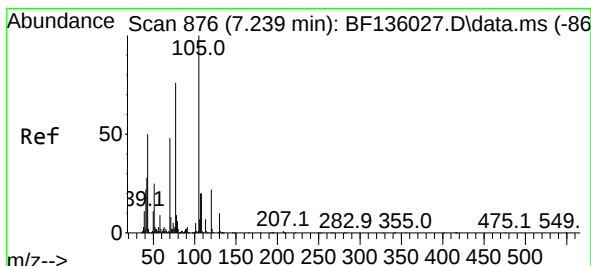
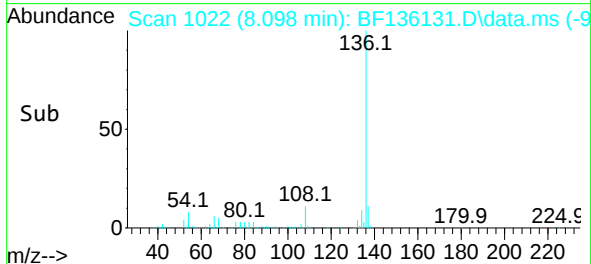
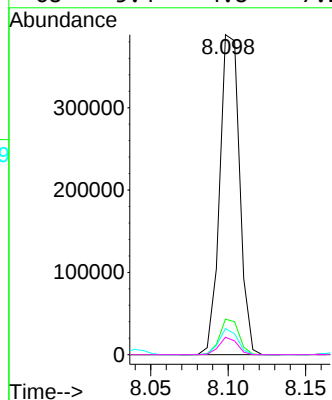
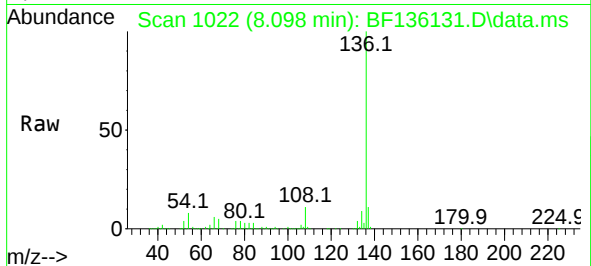
PE-5MSD

Tgt Ion:136 Resp: 34663
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.1 6.6 9.8
68 5.4 4.8 7.2

Manual Integrations

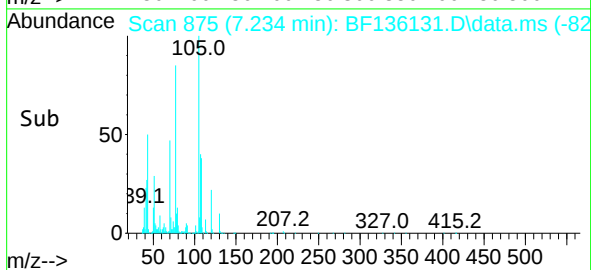
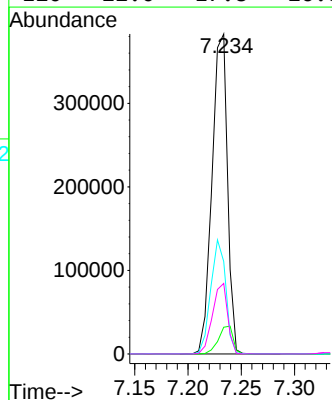
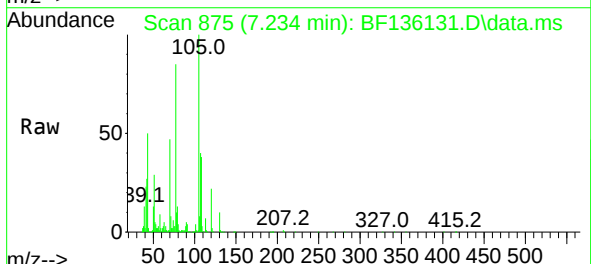
APPROVED

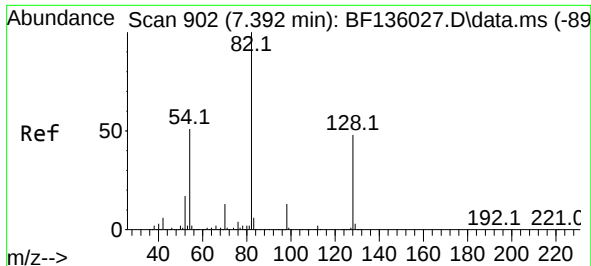
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#22
Acetophenone
Concen: 50.279 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:105 Resp: 386461
Ion Ratio Lower Upper
105 100
71 8.3 6.5 9.7
51 28.9 20.3 30.5
120 22.0 17.8 26.8





#23
Nitrobenzene-d5
Concen: 68.949 ng
RT: 7.386 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

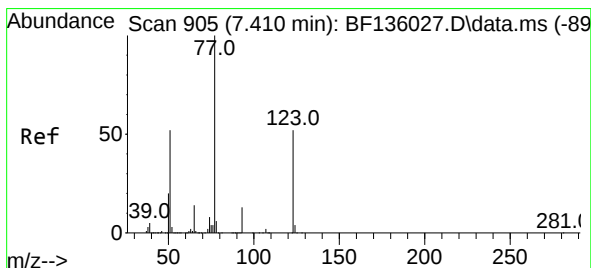
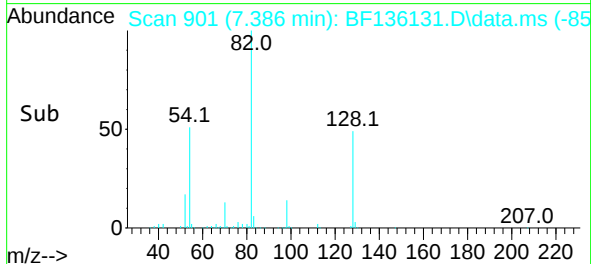
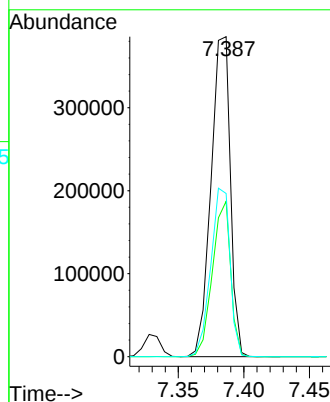
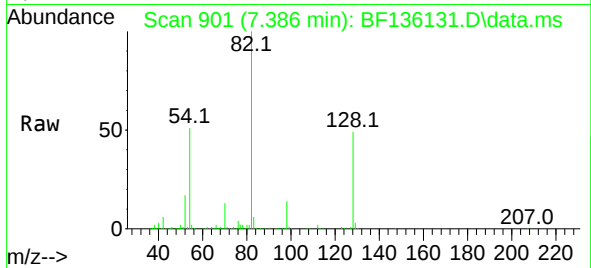
ClientSampleId :

PE-5MSD

Tgt Ion: 82 Resp: 396460
Ion Ratio Lower Upper
82 100
128 48.5 38.6 57.8
54 51.0 40.8 61.2

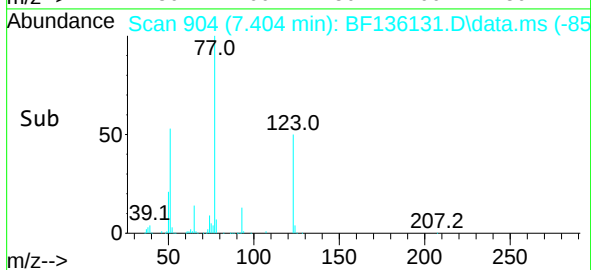
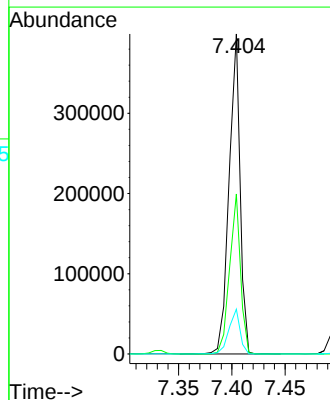
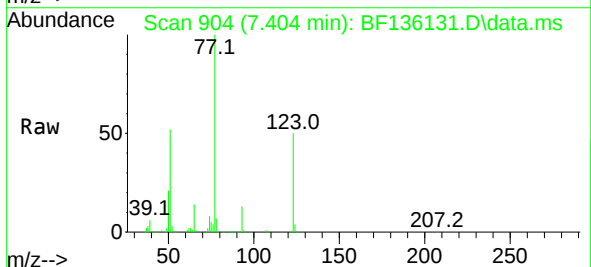
Manual Integrations
APPROVED

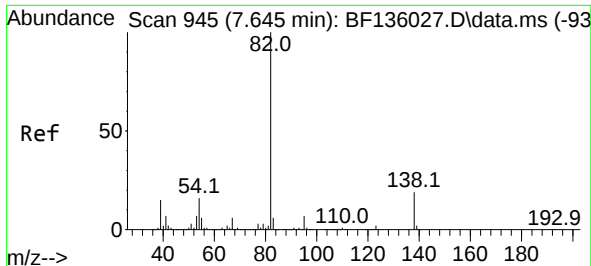
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#24
Nitrobenzene
Concen: 49.358 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

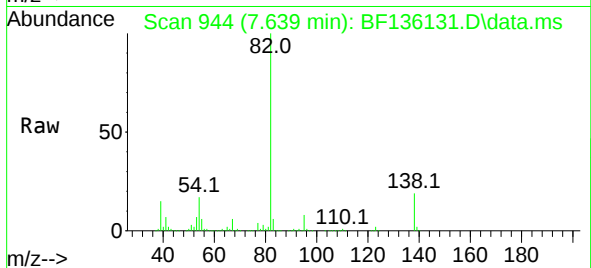
Tgt Ion: 77 Resp: 287086
Ion Ratio Lower Upper
77 100
123 50.0 42.3 63.5
65 14.0 11.0 16.6





#25
Isophorone
Concen: 46.782 ng
RT: 7.639 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

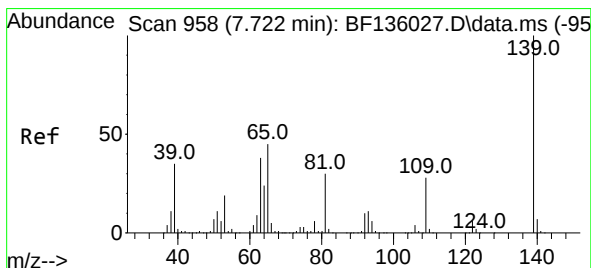
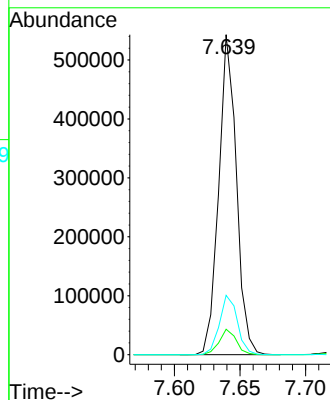
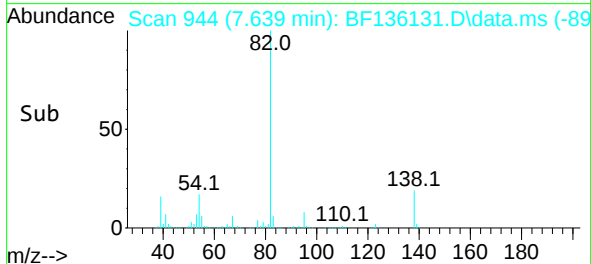
Instrument :
BNA_F
ClientSampleId :
PE-5MSD



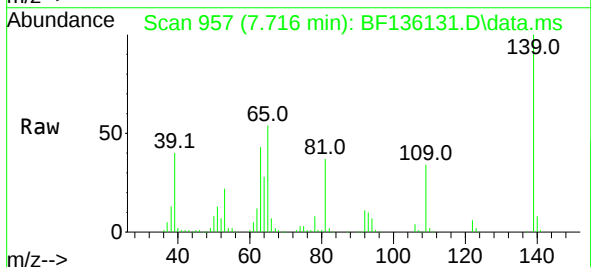
Tgt Ion: 82 Resp: 50784
Ion Ratio Lower Upper
82 100
95 7.9 5.9 8.9
138 18.5 15.3 22.9

Manual Integrations
APPROVED

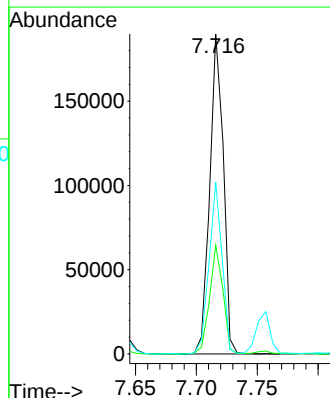
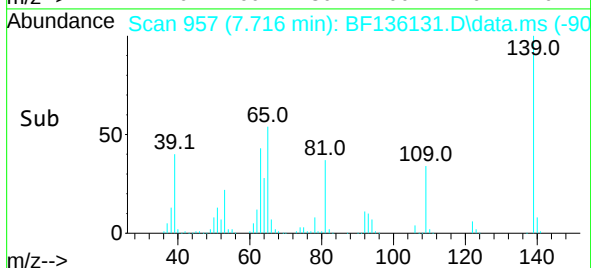
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

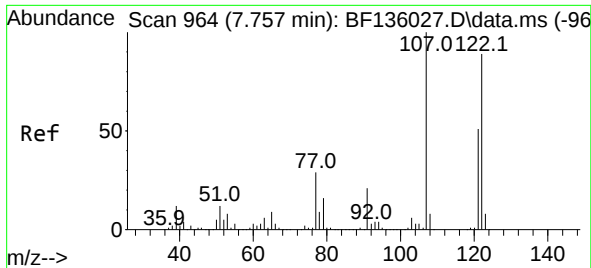


#26
2-Nitrophenol
Concen: 55.521 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39



Tgt Ion:139 Resp: 147337
Ion Ratio Lower Upper
139 100
109 34.0 22.6 34.0#
65 53.7 36.3 54.5





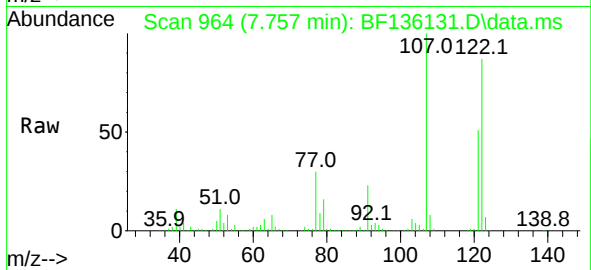
#27
2,4-Dimethylphenol
Concen: 41.221 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

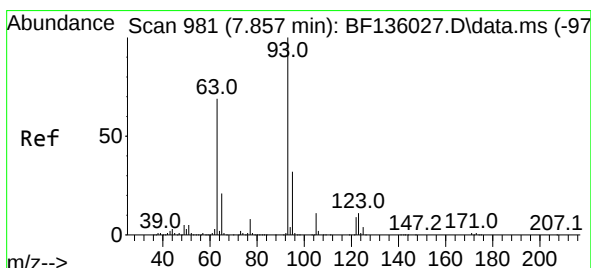
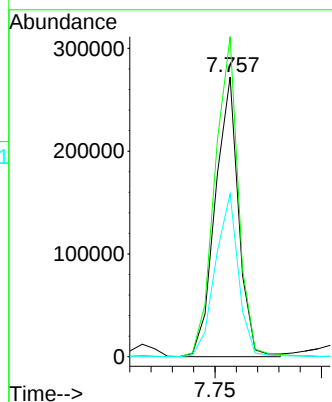
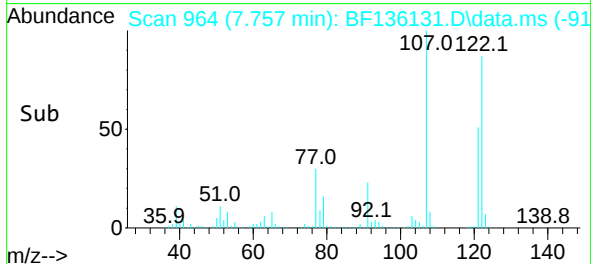


Tgt Ion:122 Resp: 206709
Ion Ratio Lower Upper
122 100
107 114.4 89.6 134.4
121 58.3 46.0 69.0

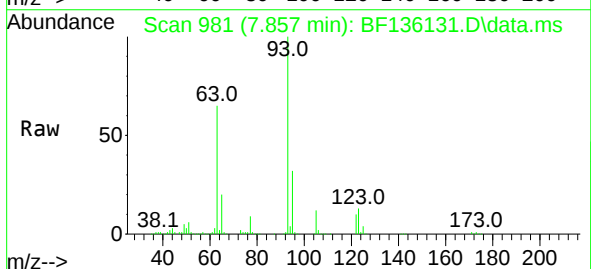
Manual Integrations

APPROVED

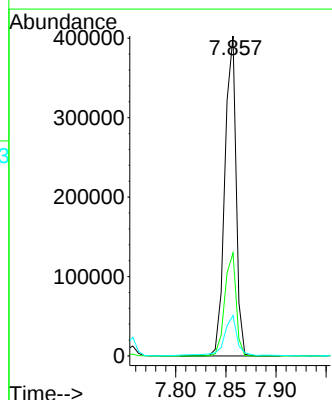
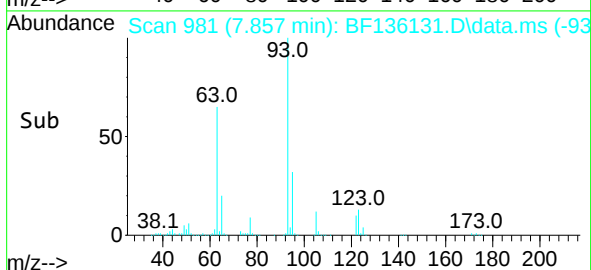
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

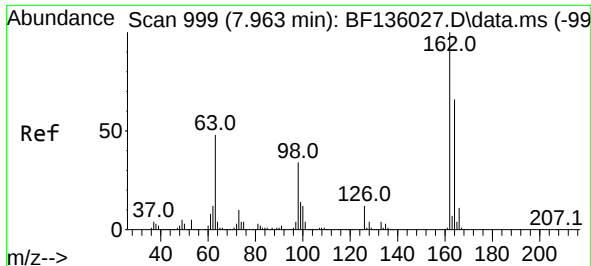


#28
bis(2-Chloroethoxy)methane
Concen: 46.988 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39



Tgt Ion: 93 Resp: 312534
Ion Ratio Lower Upper
93 100
95 32.2 25.7 38.5
123 12.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 47.538 ng

RT: 7.957 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

Tgt Ion:162 Resp: 22473

Ion Ratio Lower Upper

162 100

164 64.2 45.5 85.5

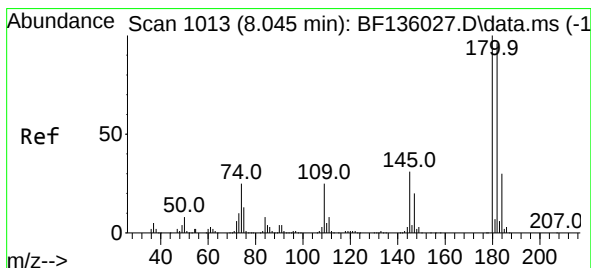
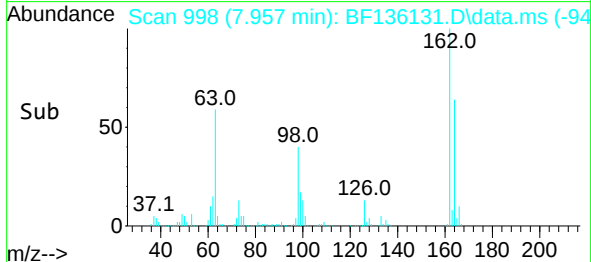
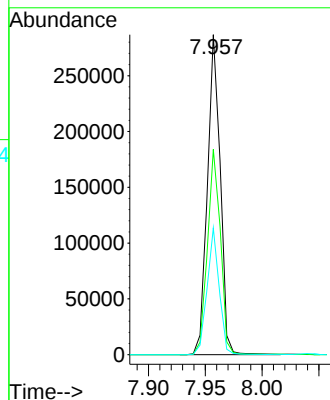
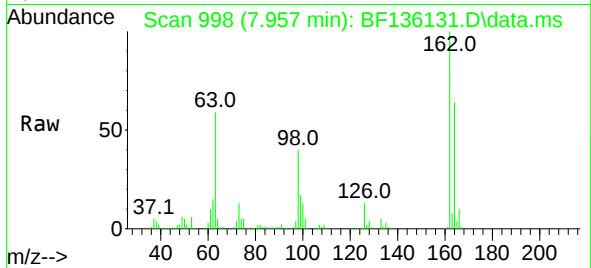
98 39.6 14.4 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#30

1,2,4-Trichlorobenzene

Concen: 51.657 ng

RT: 8.039 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

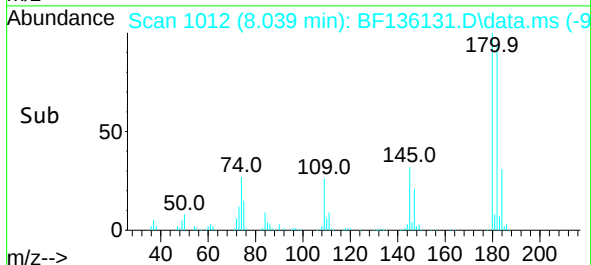
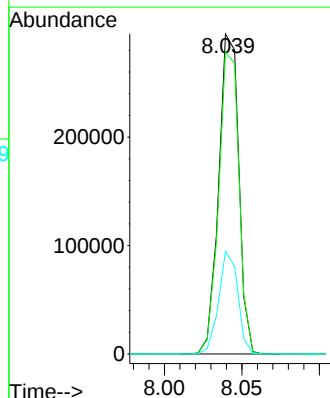
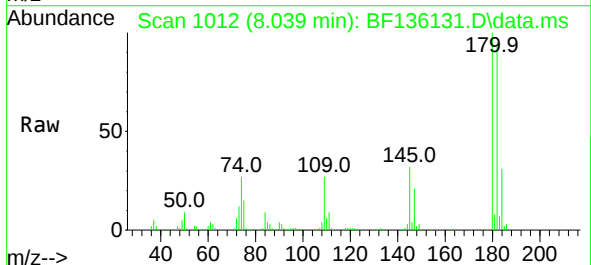
Tgt Ion:180 Resp: 266398

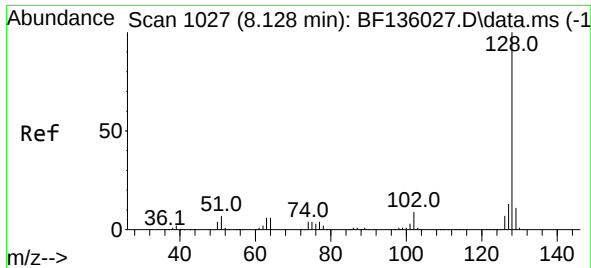
Ion Ratio Lower Upper

180 100

182 94.4 76.9 115.3

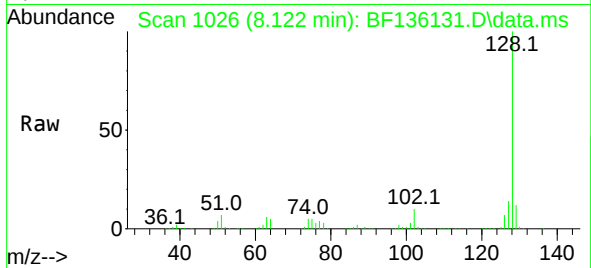
145 32.1 24.7 37.1





#31
Naphthalene
Concen: 48.815 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

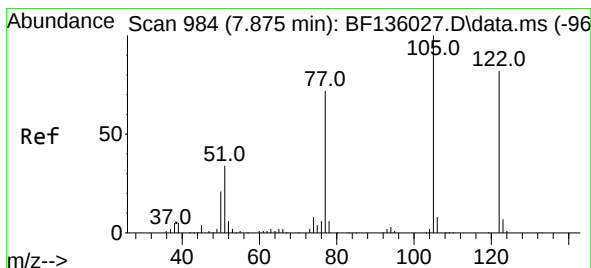
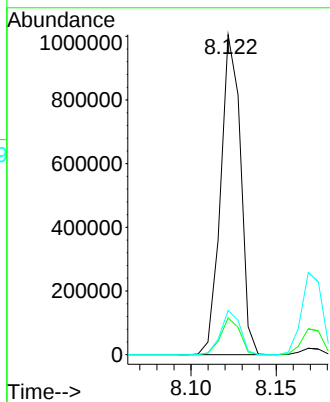
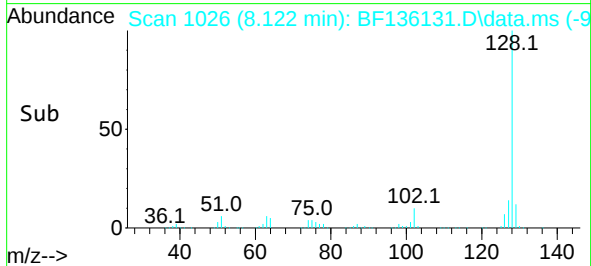
Instrument :
BNA_F
ClientSampleId :
PE-5MSD



Tgt Ion:128 Resp: 815962
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.8 10.5 15.7

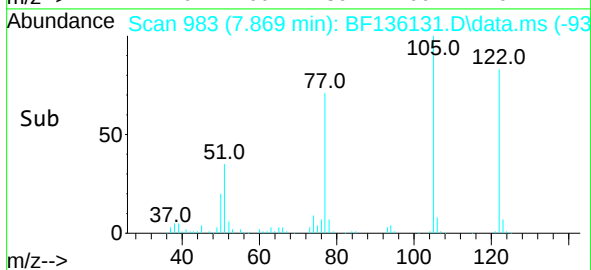
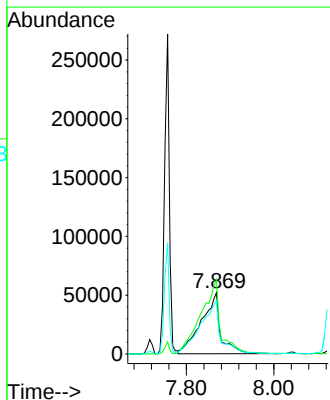
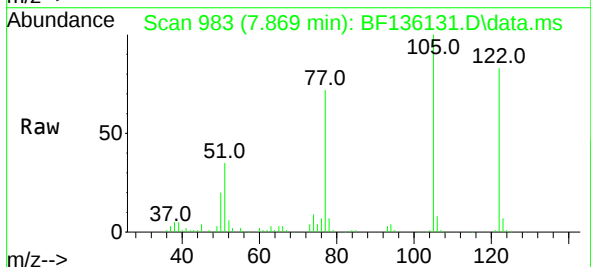
Manual Integrations
APPROVED

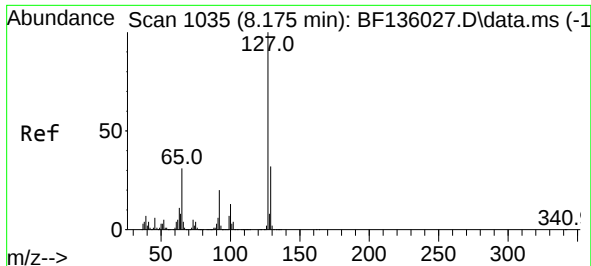
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#32
Benzoic acid
Concen: 40.767 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

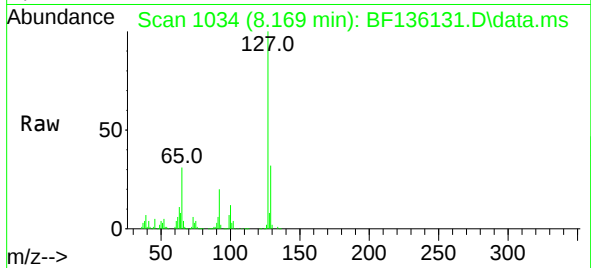
Tgt Ion:122 Resp: 160302
Ion Ratio Lower Upper
122 100
105 121.1 99.5 139.5
77 86.7 66.8 106.8





#33
4-Chloroaniline
Concen: 30.608 ng
RT: 8.169 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

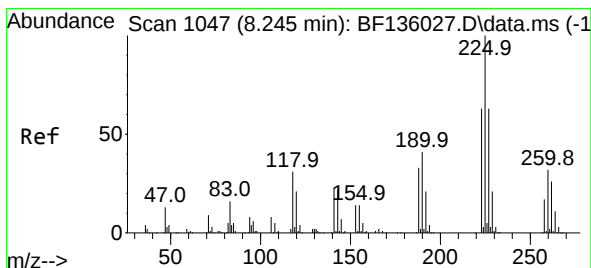
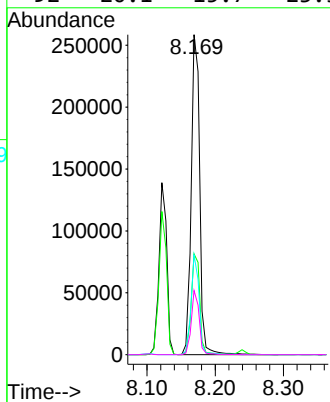
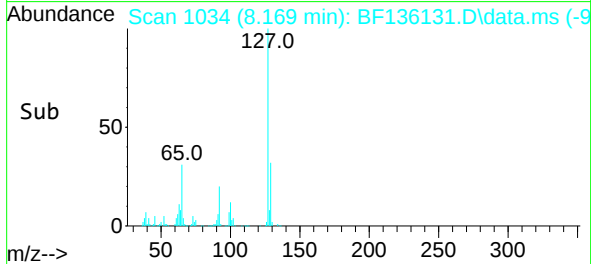
Instrument :
BNA_F
ClientSampleId :
PE-5MSD



Tgt Ion:127 Resp: 22405
Ion Ratio Lower Upper
127 100
129 31.5 25.9 38.9
65 31.2 24.6 37.0
92 20.1 15.7 23.5

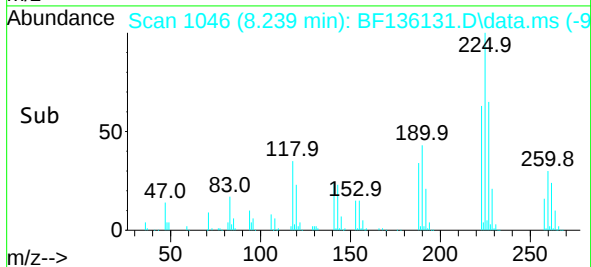
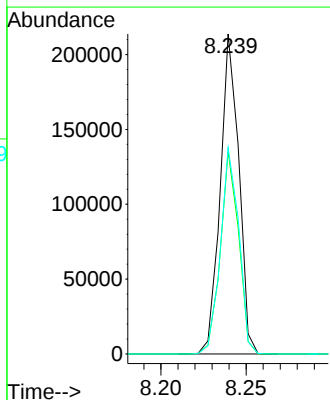
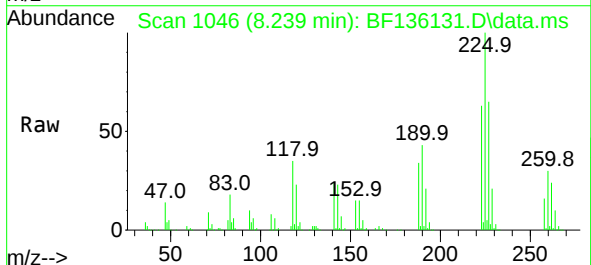
Manual Integrations
APPROVED

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



#34
Hexachlorobutadiene
Concen: 54.684 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:225 Resp: 161729
Ion Ratio Lower Upper
225 100
223 63.3 50.3 75.5
227 64.5 50.6 75.8





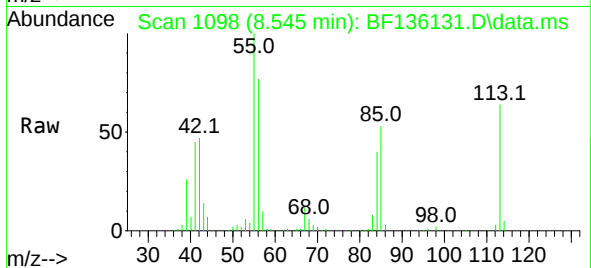
#35
Caprolactam
Concen: 42.915 ng m
RT: 8.545 min Scan# 1100
Delta R.T. -0.012 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

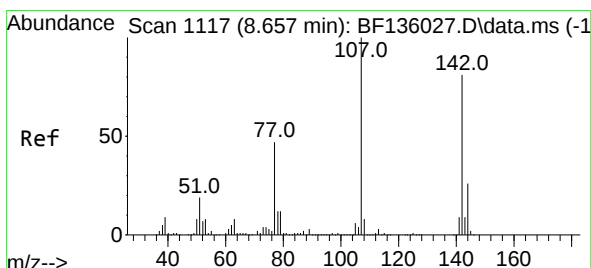
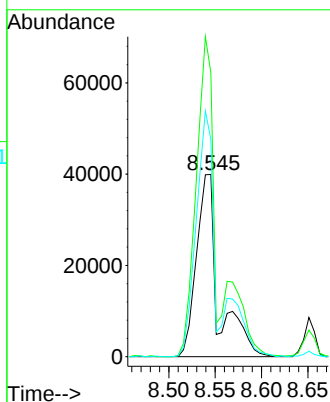
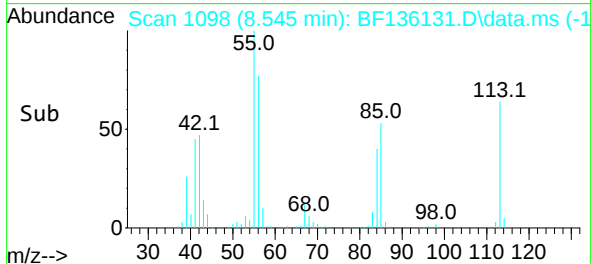


Tgt Ion:113 Resp: 6596
Ion Ratio Lower Upper
113 100
55 155.8 142.2 182.2
56 119.3 97.7 137.7

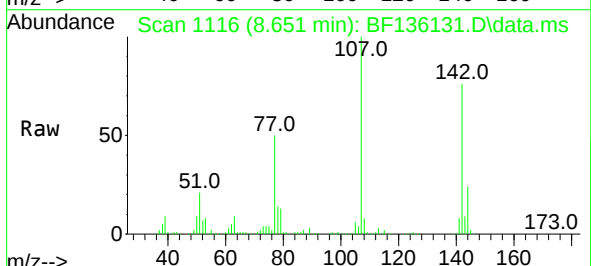
Manual Integrations

APPROVED

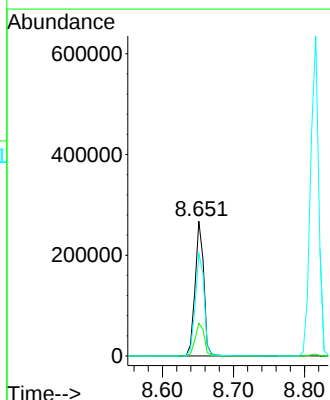
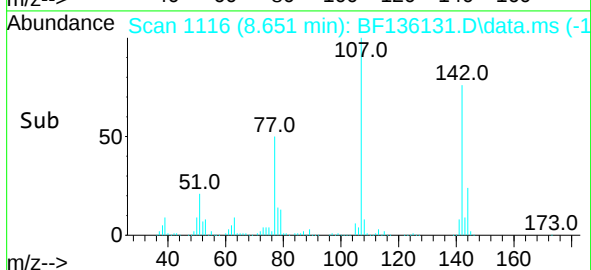
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

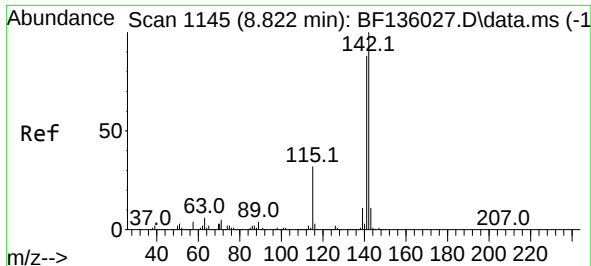


#36
4-Chloro-3-methylphenol
Concen: 45.782 ng
RT: 8.651 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39



Tgt Ion:107 Resp: 227222
Ion Ratio Lower Upper
107 100
144 24.4 20.6 31.0
142 75.9 64.6 97.0





#37

2-Methylnaphthalene

Concen: 45.032 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

Tgt Ion:142 Resp: 50471

Ion Ratio Lower Upper

142 100

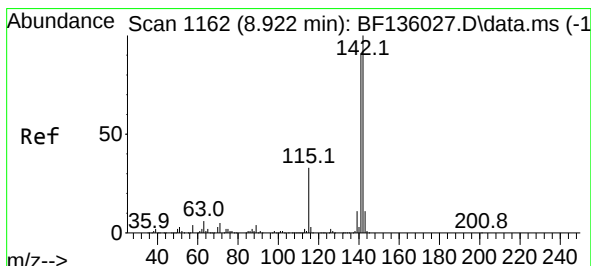
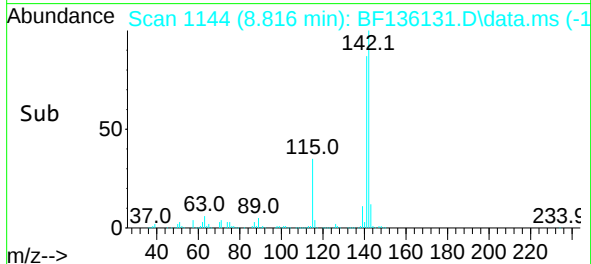
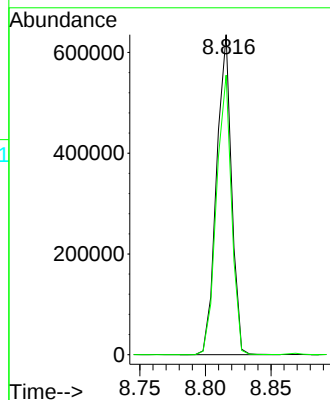
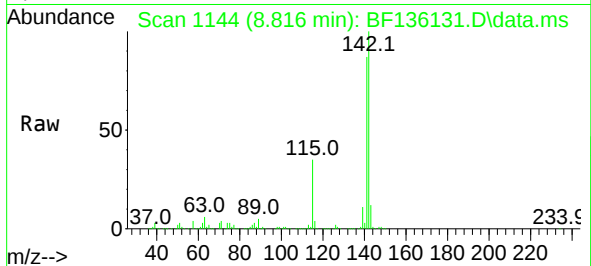
141 87.3 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#38

1-Methylnaphthalene

Concen: 47.049 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF136131.D

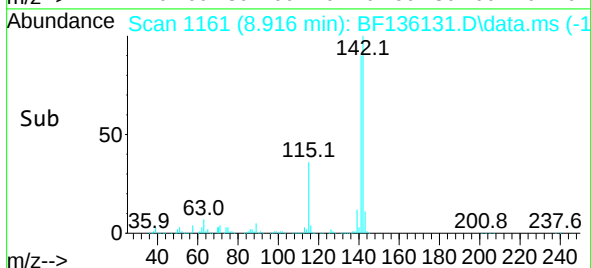
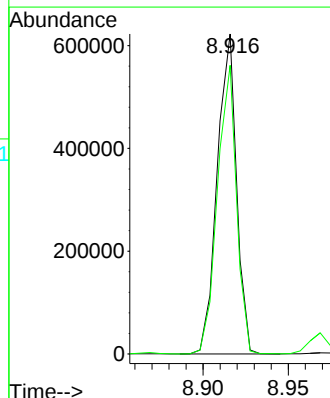
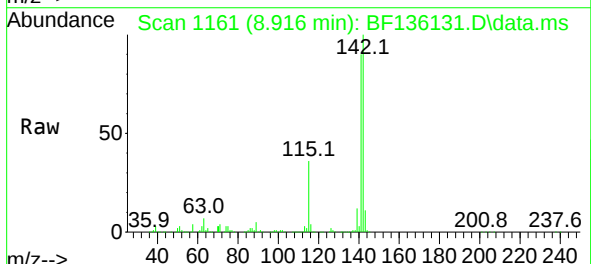
Acq: 03 Nov 2023 18:39

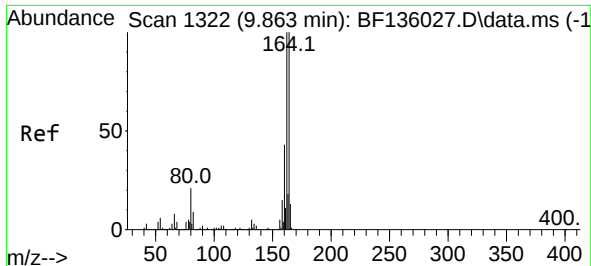
Tgt Ion:142 Resp: 490727

Ion Ratio Lower Upper

142 100

141 90.2 72.6 109.0





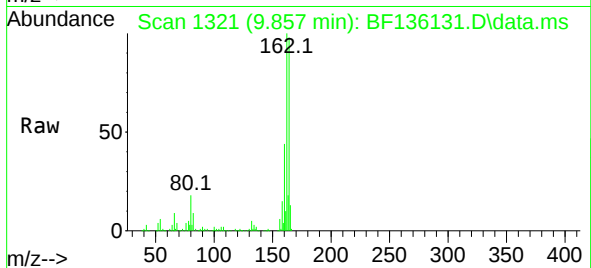
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

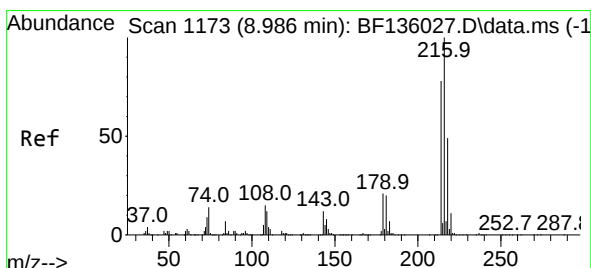
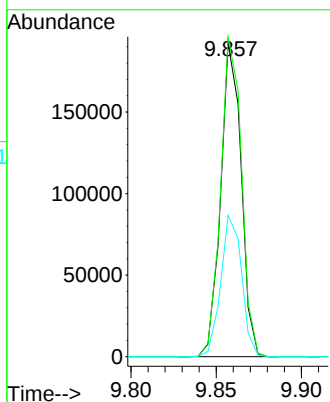
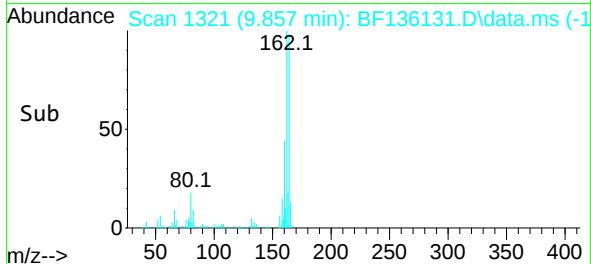


Tgt Ion:164 Resp: 160658
Ion Ratio Lower Upper
164 100
162 102.0 80.1 120.1
160 45.0 34.8 52.2

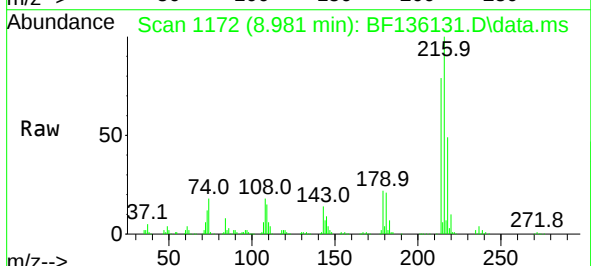
Manual Integrations

APPROVED

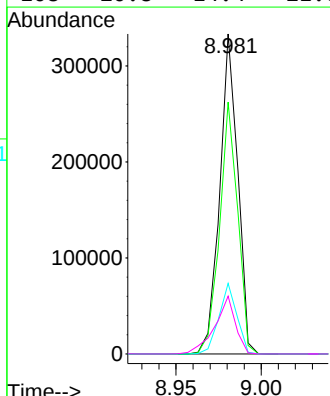
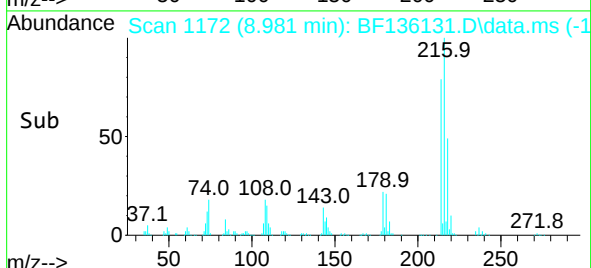
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.397 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39



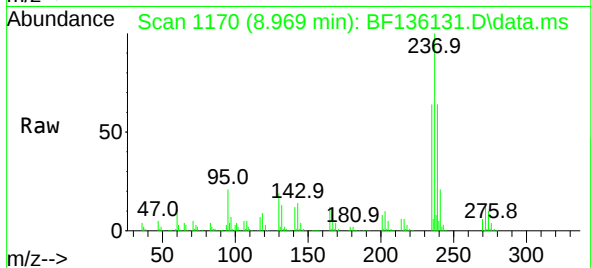
Tgt Ion:216 Resp: 244658
Ion Ratio Lower Upper
216 100
214 78.9 63.8 95.6
179 22.0 17.5 26.3
108 20.8 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 107.384 ng
RT: 8.969 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

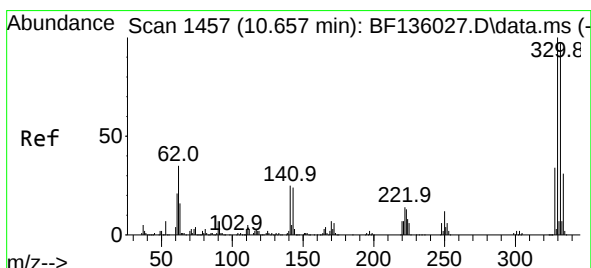
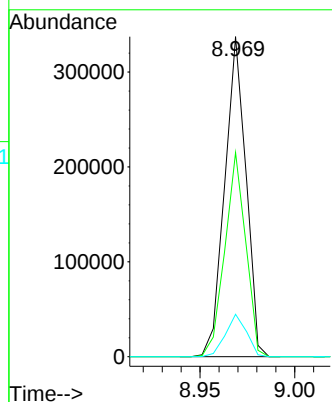
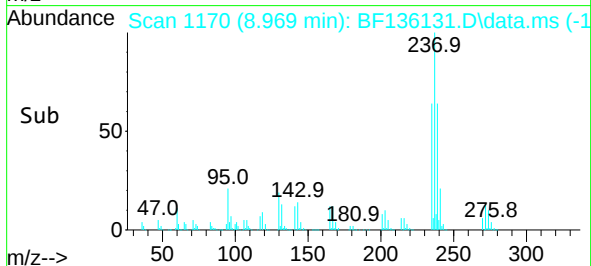
Instrument :
BNA_F
ClientSampleId :
PE-5MSD



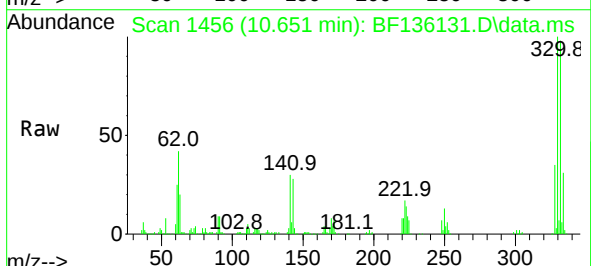
Tgt Ion: 237 Resp: 26285
Ion Ratio Lower Upper
237 100
235 63.8 43.3 83.3
272 13.3 0.0 34.2

Manual Integrations
APPROVED

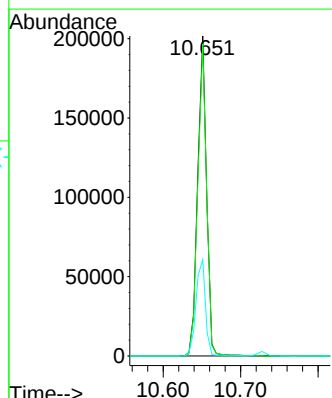
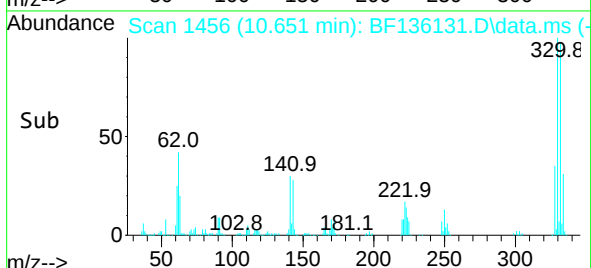
Reviewed By : Yogesh Patel 11/04/2023
Supervised By : mohammad ahmed 11/04/2023

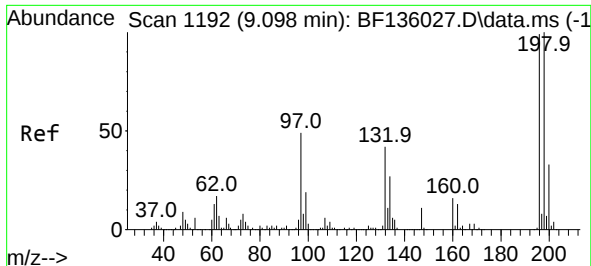


#42
2,4,6-Tribromophenol
Concen: 93.552 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39



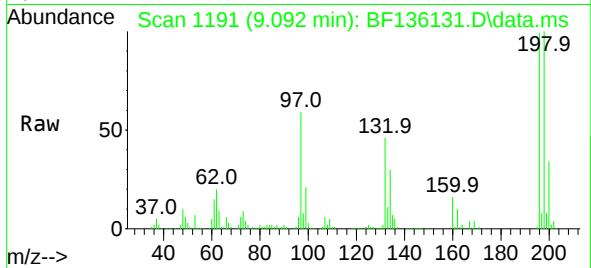
Tgt Ion: 330 Resp: 160426
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 32.2 23.2 34.8





#43
2,4,6-Trichlorophenol
Concen: 50.055 ng
RT: 9.092 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

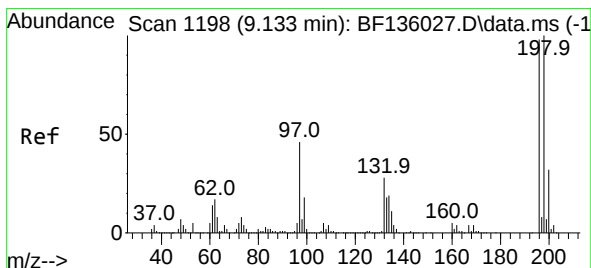
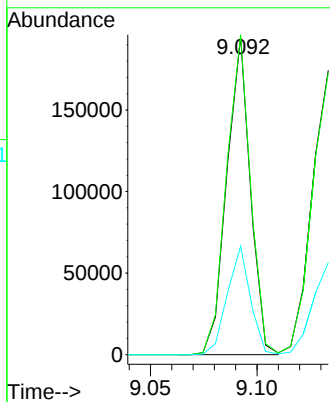
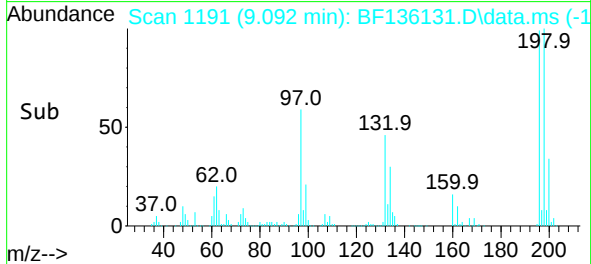
Instrument :
BNA_F
ClientSampleId :
PE-5MSD



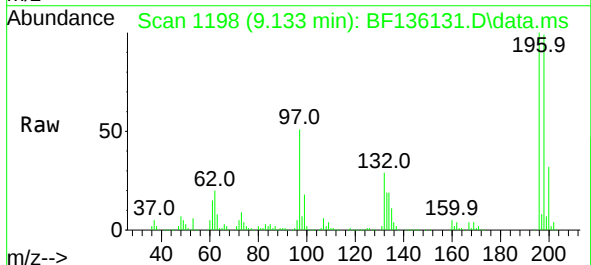
Tgt Ion:196 Resp: 149534
Ion Ratio Lower Upper
196 100
198 100.6 80.7 121.1
200 34.2 26.8 40.2

Manual Integrations
APPROVED

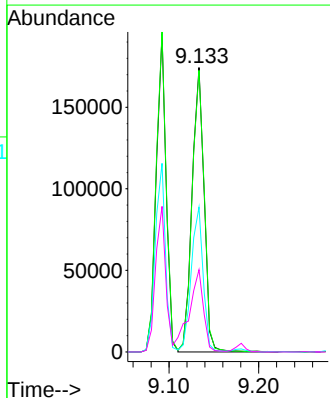
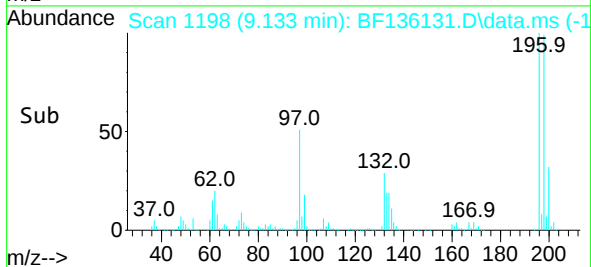
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

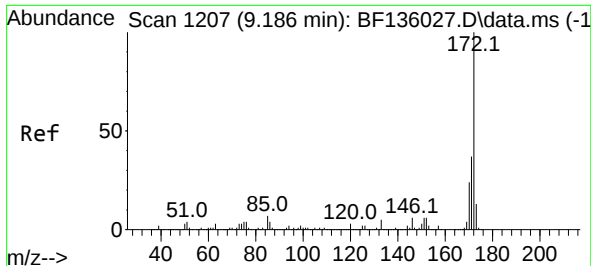


#44
2,4,5-Trichlorophenol
Concen: 47.061 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39



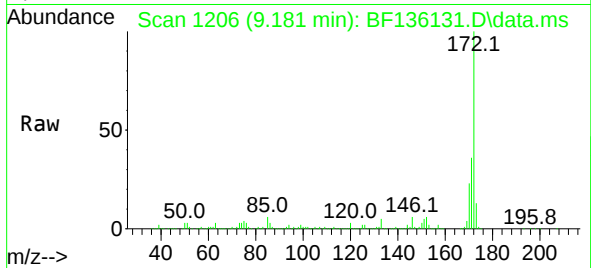
Tgt Ion:196 Resp: 162858
Ion Ratio Lower Upper
196 100
198 99.0 81.6 122.4
97 50.9 38.2 57.2
132 28.9 23.0 34.4





#45
2-Fluorobiphenyl
Concen: 71.978 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

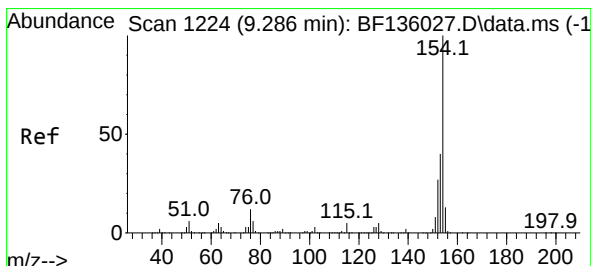
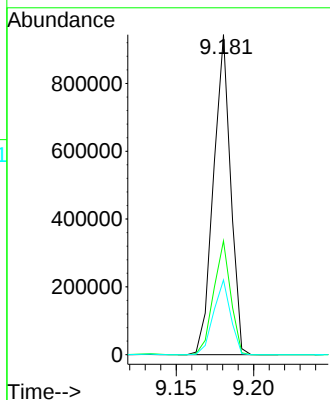
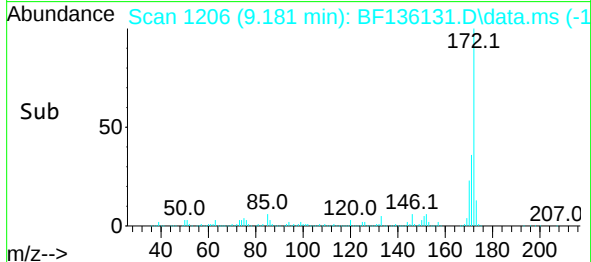
Instrument :
BNA_F
ClientSampleId :
PE-5MSD



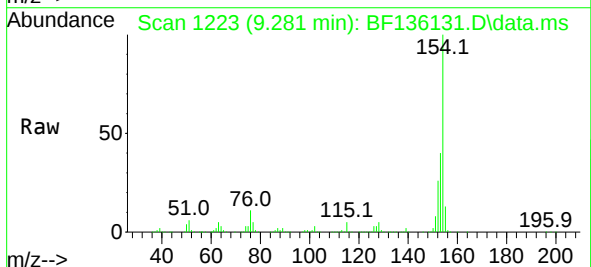
Tgt Ion:172 Resp: 725412
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 23.4 19.3 28.9

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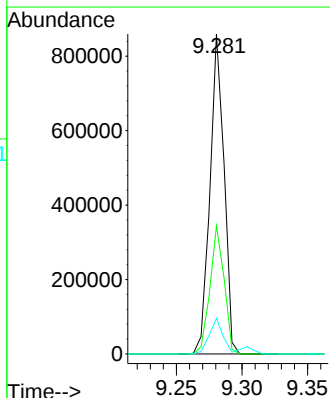
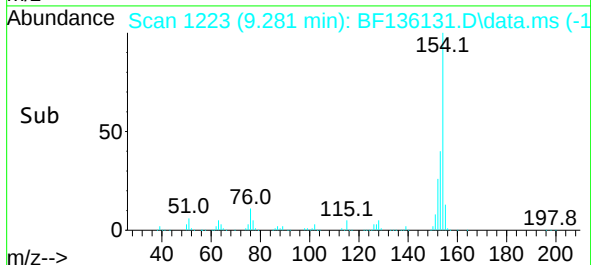
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

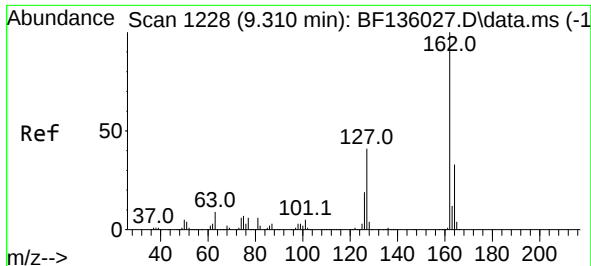


#46
1,1'-Biphenyl
Concen: 52.357 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39



Tgt Ion:154 Resp: 641222
Ion Ratio Lower Upper
154 100
153 40.1 20.1 60.1
76 11.1 0.0 32.5





#47
2-Chloronaphthalene
Concen: 52.644 ng
RT: 9.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

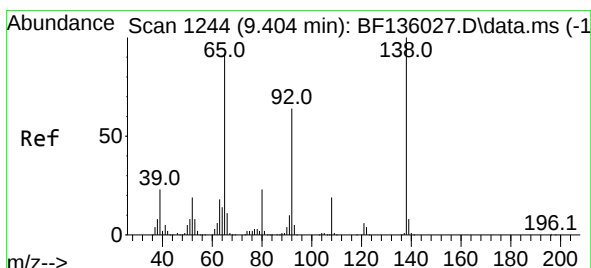
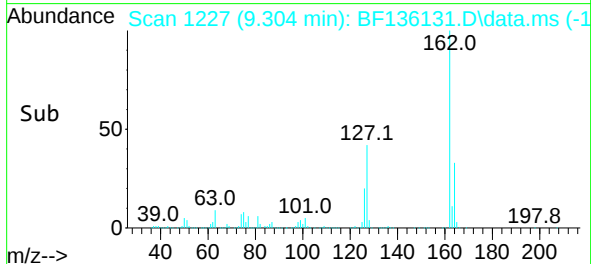
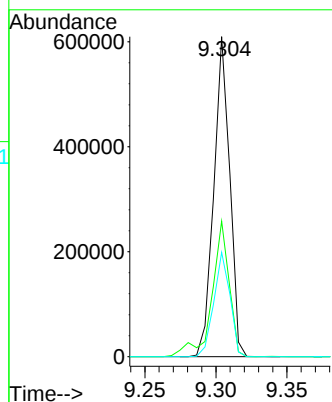
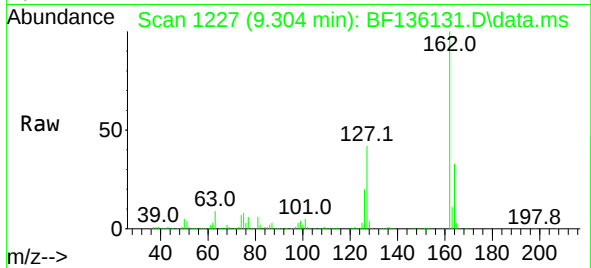
ClientSampleId :

PE-5MSD

Tgt Ion:162 Resp: 475300
Ion Ratio Lower Upper
162 100
127 42.3 32.4 48.6
164 32.6 26.7 40.1

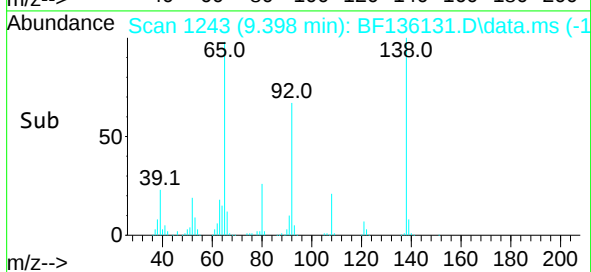
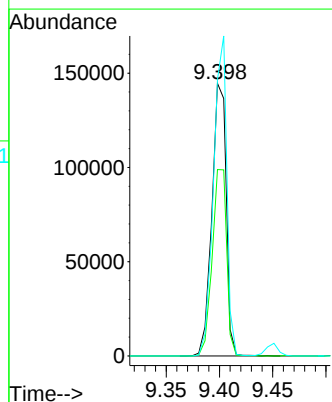
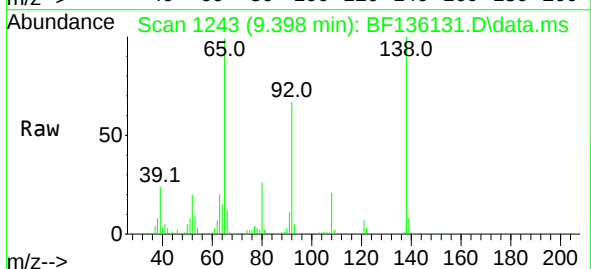
Manual Integrations
APPROVED

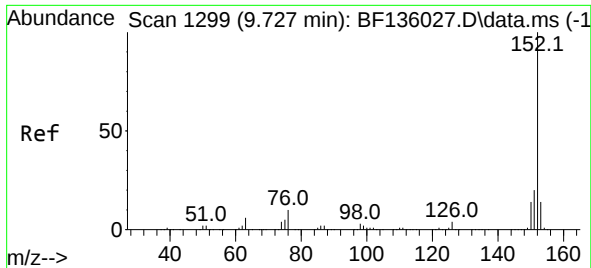
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#48
2-Nitroaniline
Concen: 50.498 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

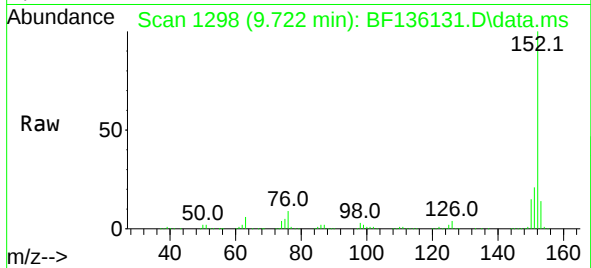
Tgt Ion: 65 Resp: 134930
Ion Ratio Lower Upper
65 100
92 68.4 55.7 83.5
138 101.5 86.8 130.2





#49
Acenaphthylene
Concen: 51.338 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

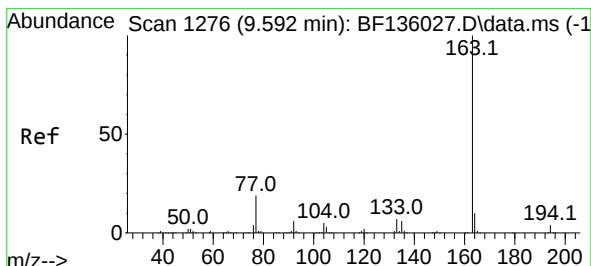
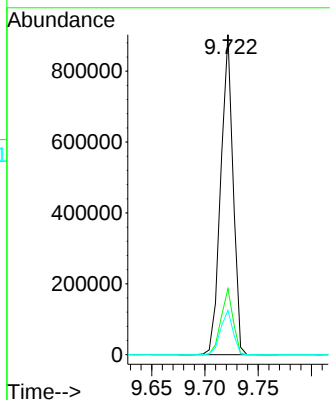
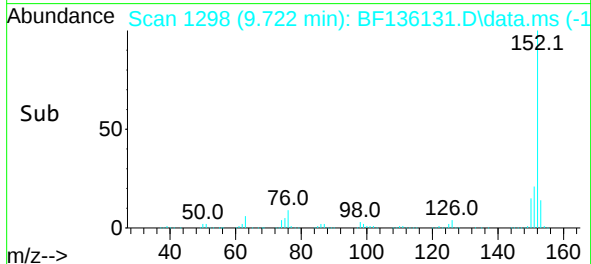
Instrument :
BNA_F
ClientSampleId :
PE-5MSD



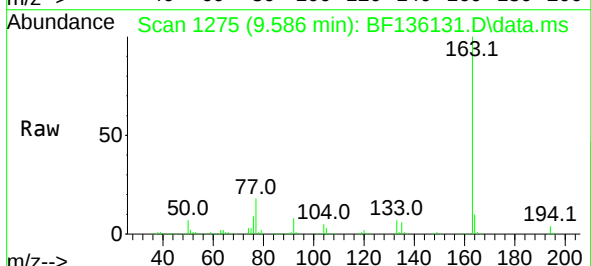
Tgt Ion:152 Resp: 72308
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1
153 13.9 11.4 17.2

Manual Integrations
APPROVED

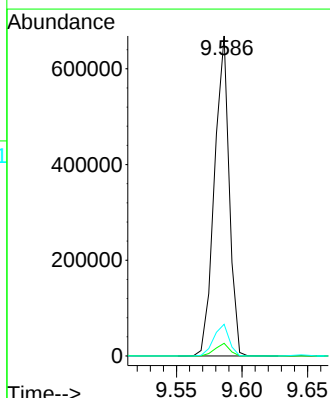
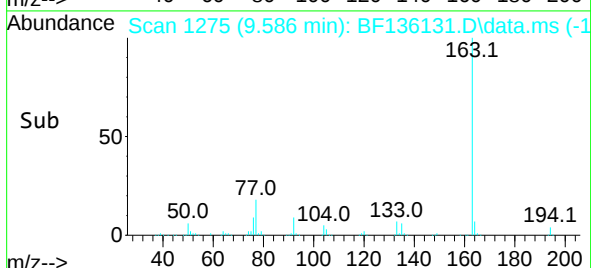
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

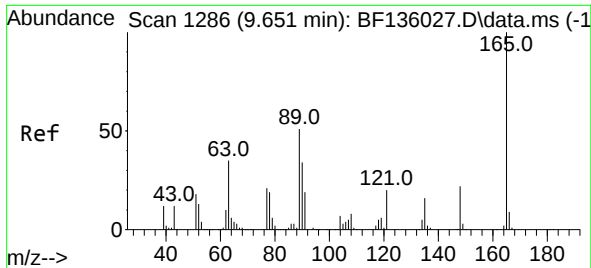


#50
Dimethylphthalate
Concen: 49.271 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39



Tgt Ion:163 Resp: 522138
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.9 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 51.237 ng

RT: 9.645 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

Tgt Ion:165 Resp: 11613

Ion Ratio Lower Upper

165 100

63 52.5 40.8 61.2

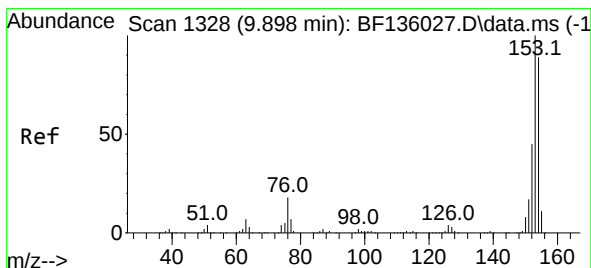
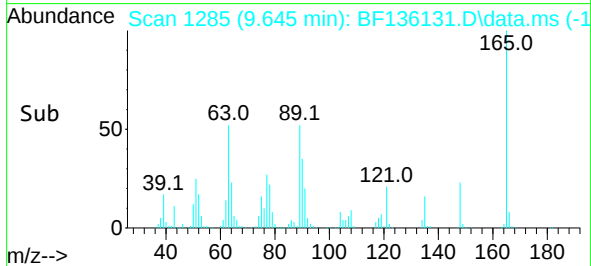
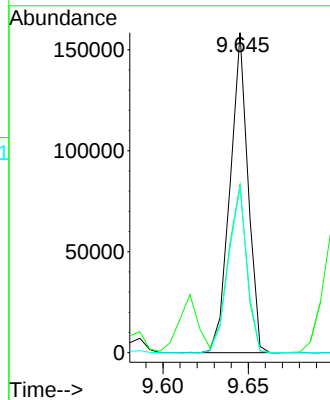
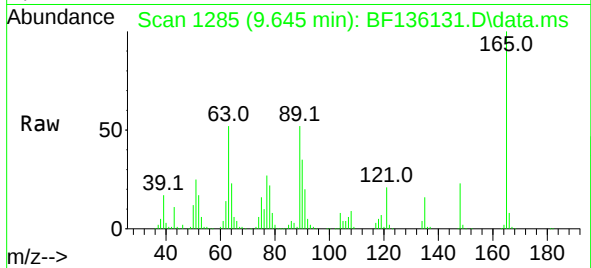
89 51.9 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#52

Acenaphthene

Concen: 49.543 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

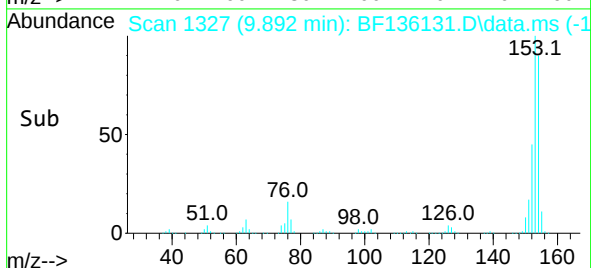
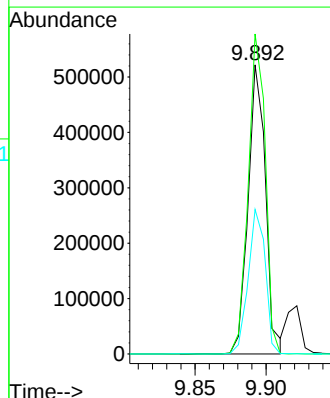
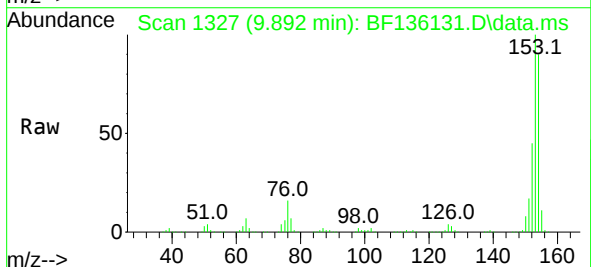
Tgt Ion:154 Resp: 443602

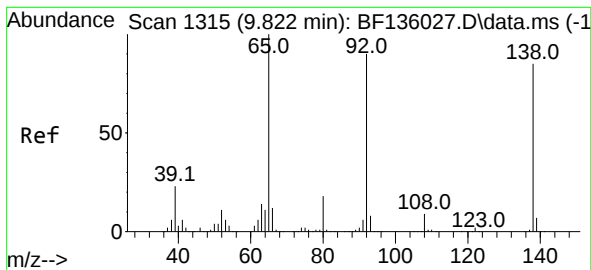
Ion Ratio Lower Upper

154 100

153 110.7 89.9 134.9

152 50.0 40.2 60.2





#53
3-Nitroaniline
Concen: 36.912 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.012 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

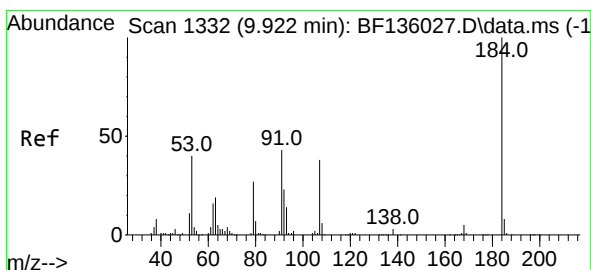
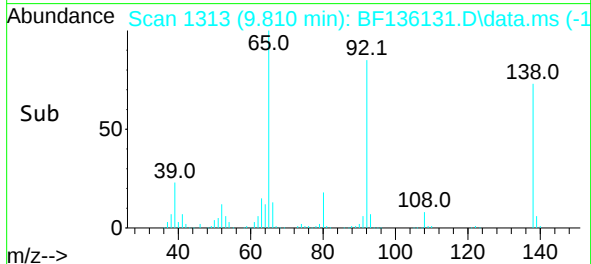
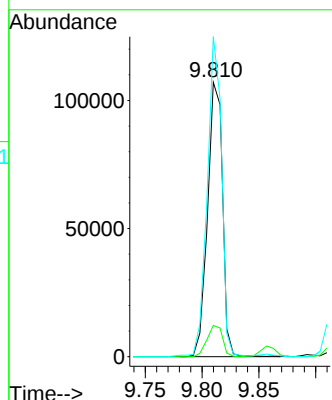
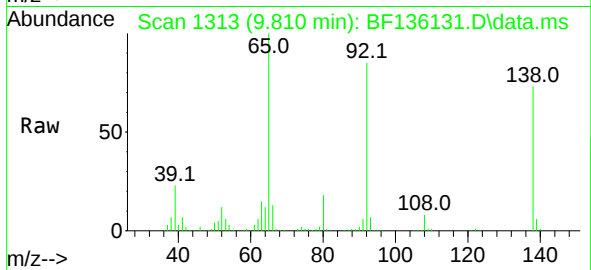
ClientSampleId :

PE-5MSD

Tgt Ion:138 Resp: 97618
Ion Ratio Lower Upper
138 100
108 11.4 8.8 13.2
92 116.6 84.6 126.8

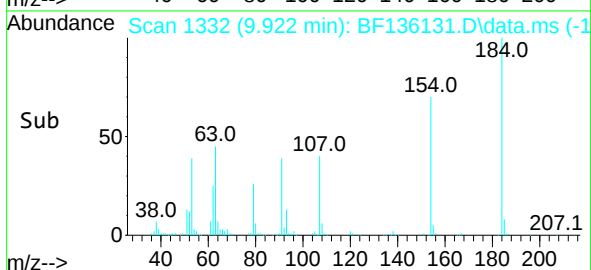
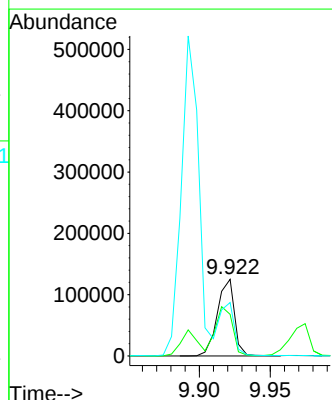
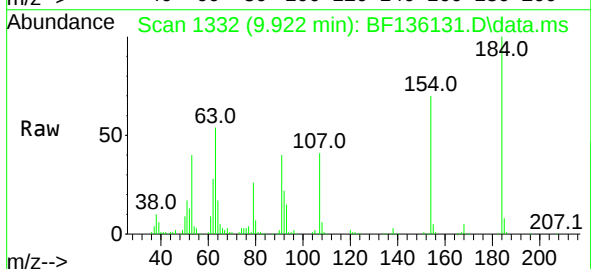
Manual Integrations
APPROVED

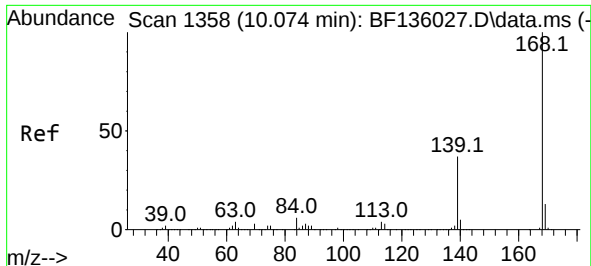
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#54
2,4-Dinitrophenol
Concen: 84.945 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

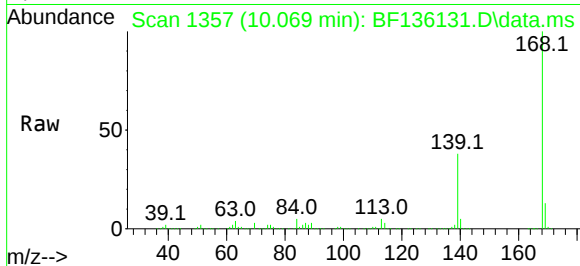
Tgt Ion:184 Resp: 105019
Ion Ratio Lower Upper
184 100
63 54.2 43.7 65.5
154 69.6 51.2 76.8





#55
Dibenzenofuran
Concen: 49.200 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

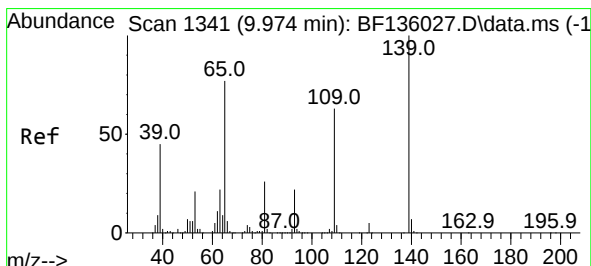
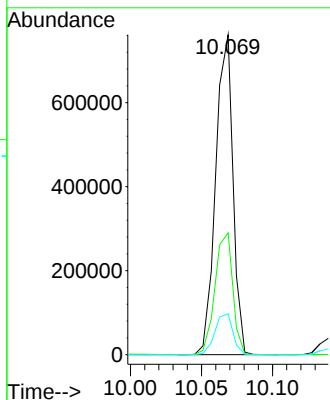
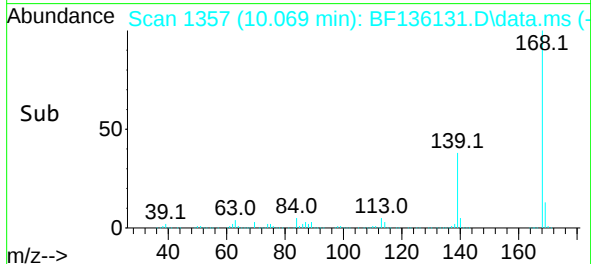
Instrument :
BNA_F
ClientSampleId :
PE-5MSD



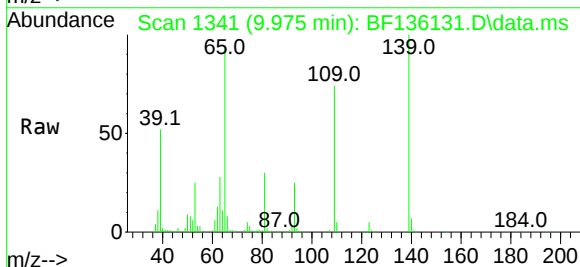
Tgt Ion:168 Resp: 64236
Ion Ratio Lower Upper
168 100
139 38.1 29.4 44.0
169 12.8 10.5 15.7

Manual Integrations
APPROVED

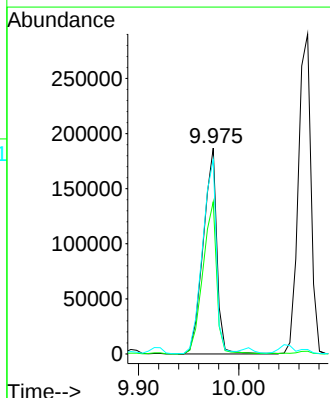
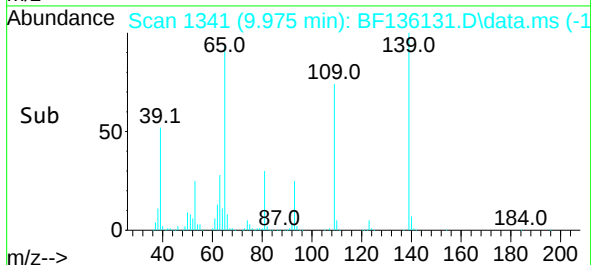
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

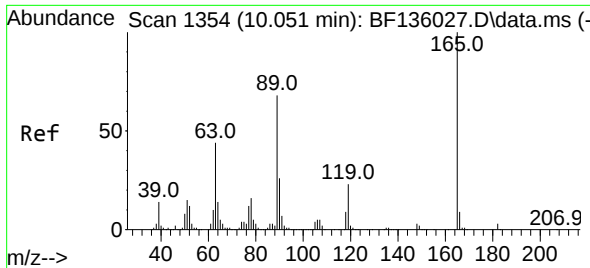


#56
4-Nitrophenol
Concen: 90.277 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39



Tgt Ion:139 Resp: 178588
Ion Ratio Lower Upper
139 100
109 73.8 43.2 83.2
65 94.4 57.6 97.6





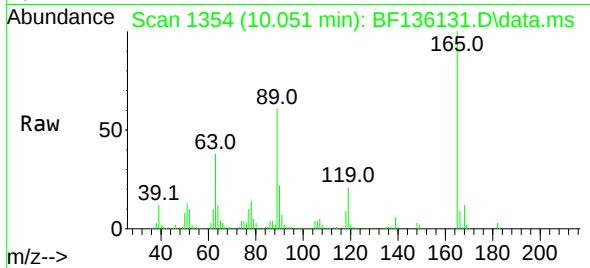
#57
2,4-Dinitrotoluene
Concen: 50.518 ng
RT: 10.051 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD



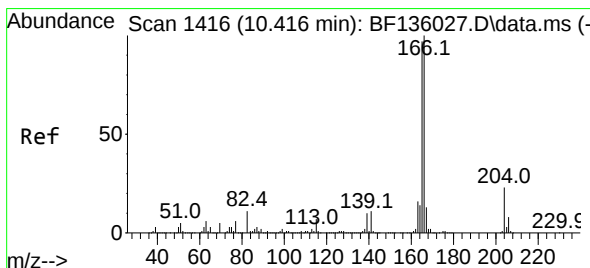
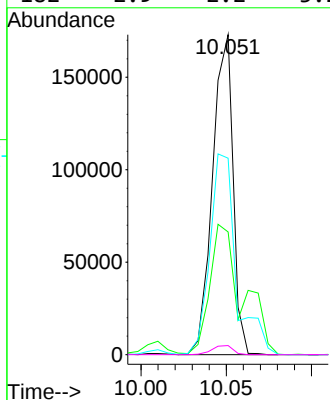
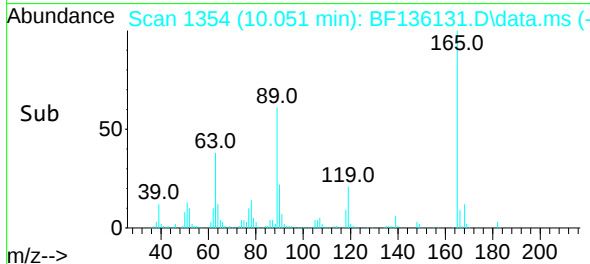
Tgt Ion:165 Resp: 144870
Ion Ratio Lower Upper
165 100
63 38.3 35.2 52.8
89 61.4 54.8 82.2
182 2.9 2.2 3.2

Manual Integrations

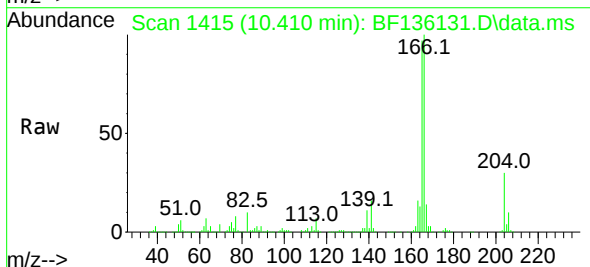
APPROVED

Reviewed By :Yogesh Patel 11/04/2023

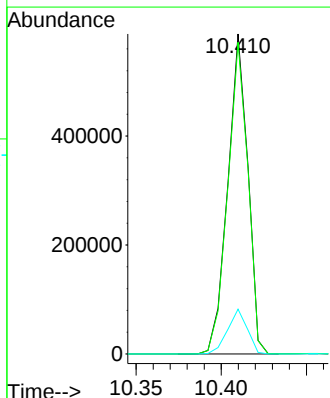
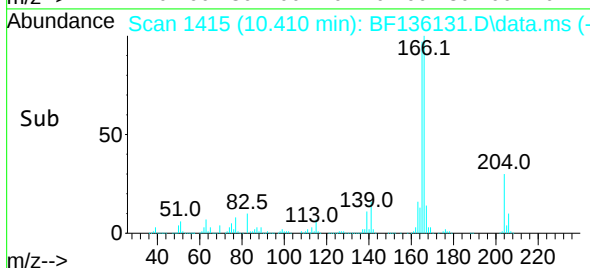
Supervised By :mohammad ahmed 11/04/2023

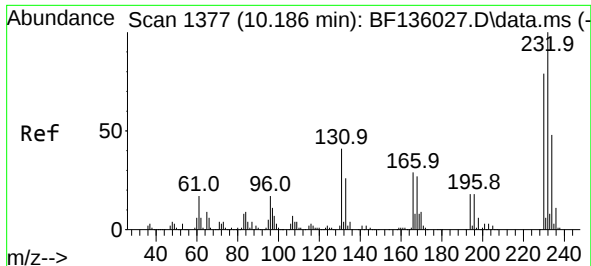


#58
Fluorene
Concen: 49.220 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39



Tgt Ion:166 Resp: 481149
Ion Ratio Lower Upper
166 100
165 97.4 77.7 116.5
167 14.0 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.106 ng
RT: 10.180 min Scan# 1376
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

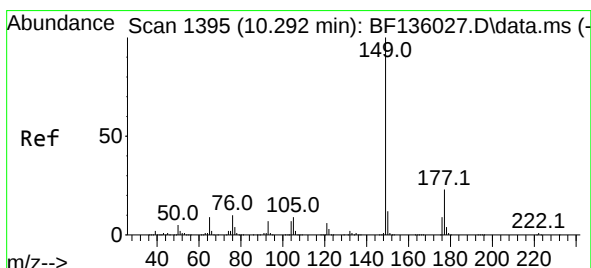
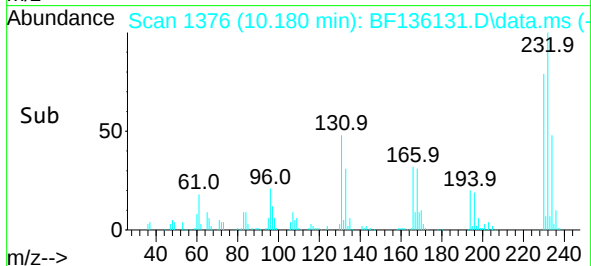
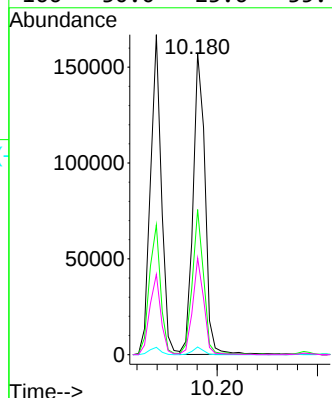
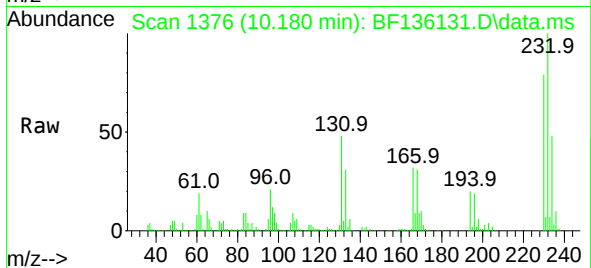
PE-5MSD

Tgt Ion:232 Resp: 12959
Ion Ratio Lower Upper
232 100
131 45.6 34.6 52.0
130 2.3 1.6 2.4
166 30.0 23.6 35.4

Manual Integrations

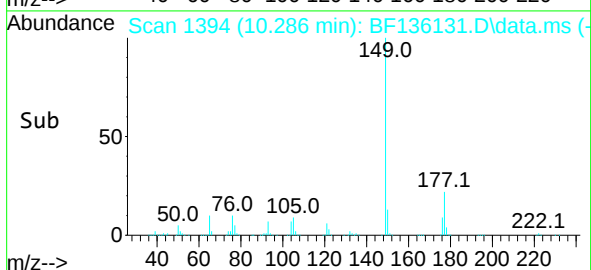
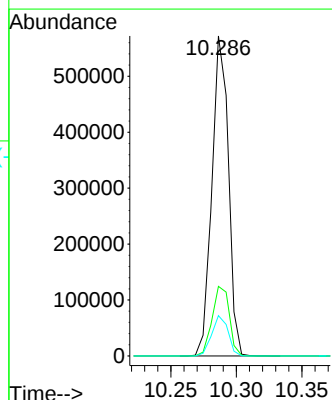
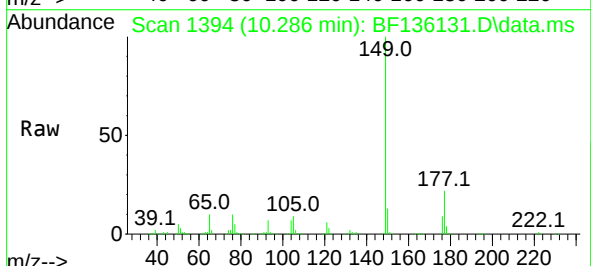
APPROVED

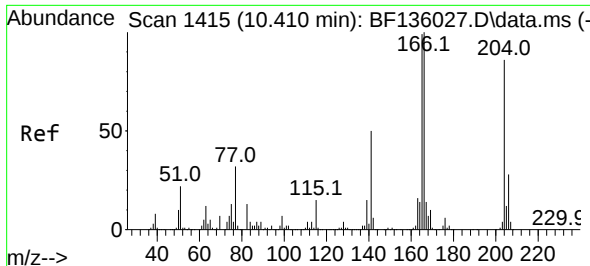
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#60
Diethylphthalate
Concen: 49.399 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

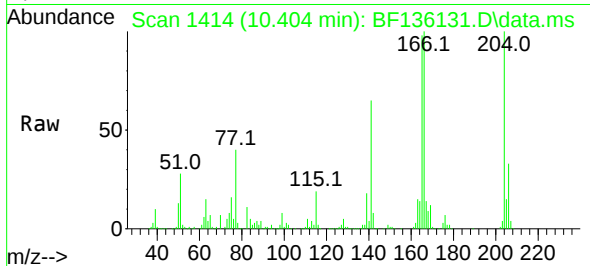
Tgt Ion:149 Resp: 500187
Ion Ratio Lower Upper
149 100
177 21.8 18.2 27.4
150 12.6 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 48.587 ng
RT: 10.404 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

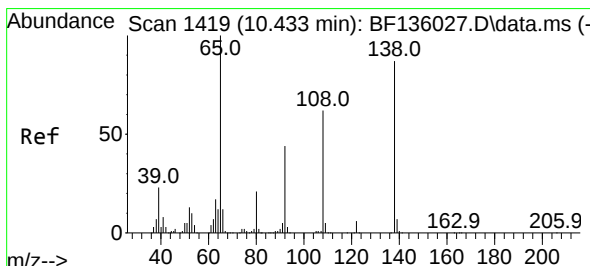
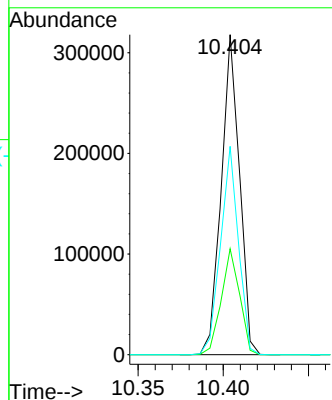
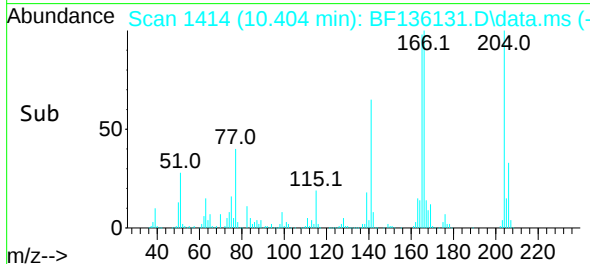
Instrument :
BNA_F
ClientSampleId :
PE-5MSD



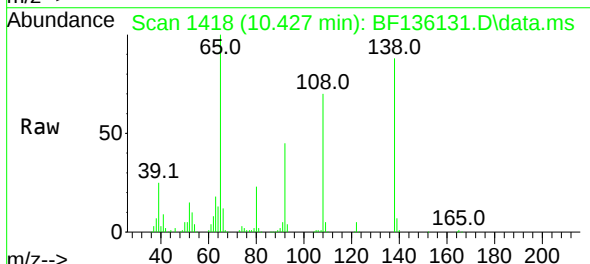
Tgt Ion:204 Resp: 237089
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 65.1 46.8 70.2

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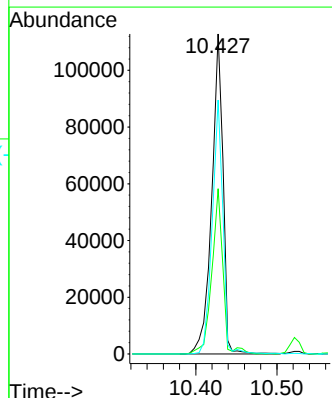
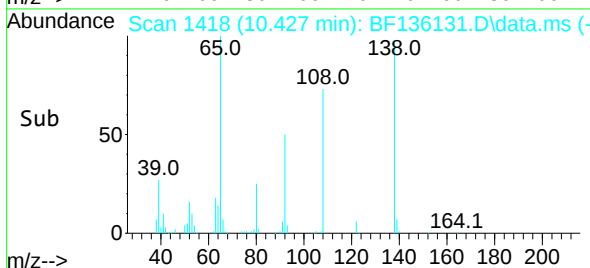
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#62
4-Nitroaniline
Concen: 42.668 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39



Tgt Ion:138 Resp: 108657
Ion Ratio Lower Upper
138 100
92 51.6 30.6 70.6
108 79.3 51.5 91.5





#63

Azobenzene

Concen: 47.002 ng

RT: 10.563 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

Tgt Ion: 77 Resp: 45833

Ion Ratio Lower Upper

77 100

182 24.4 5.0 45.0

105 21.8 2.6 42.6

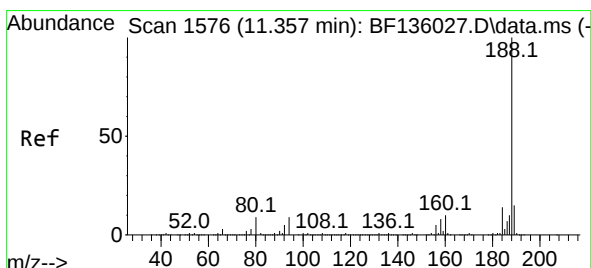
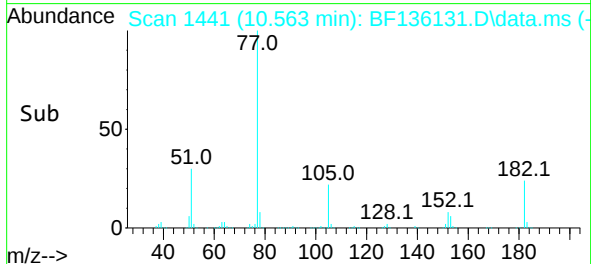
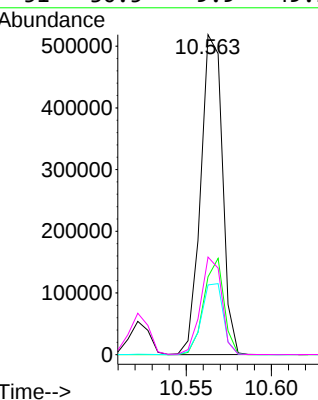
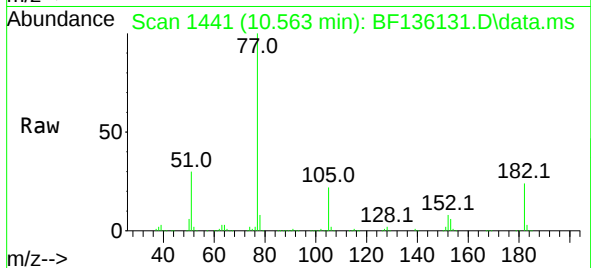
51 30.5 9.9 49.9

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: BF136131.D

Acq: 03 Nov 2023 18:39

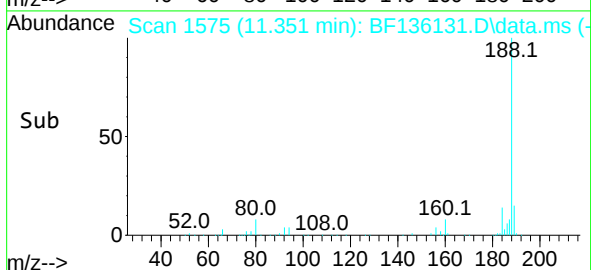
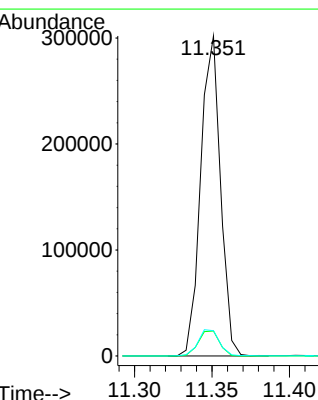
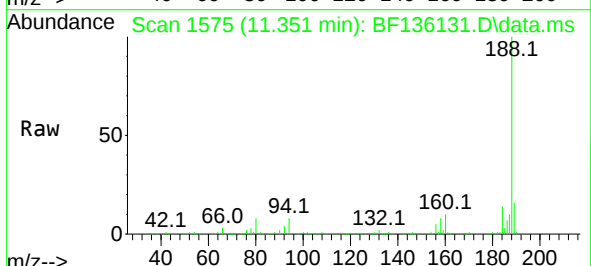
Tgt Ion:188 Resp: 268122

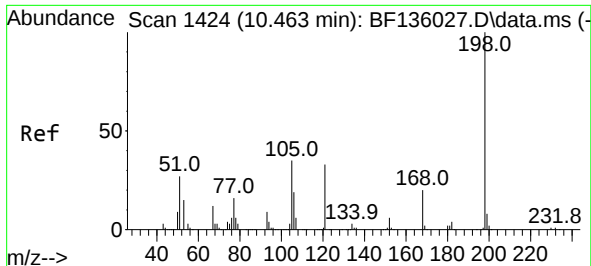
Ion Ratio Lower Upper

188 100

94 7.8 7.2 10.8

80 7.9 7.4 11.0





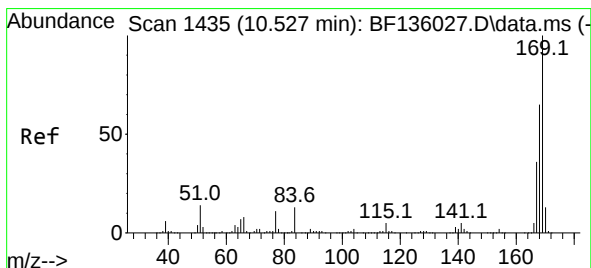
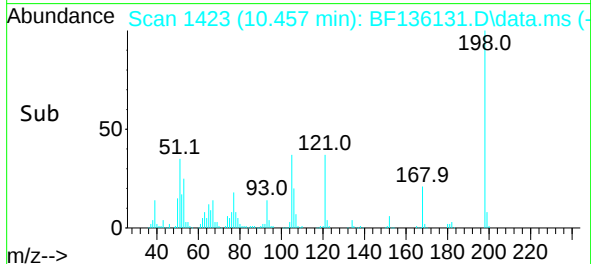
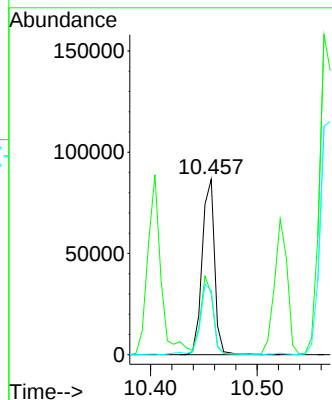
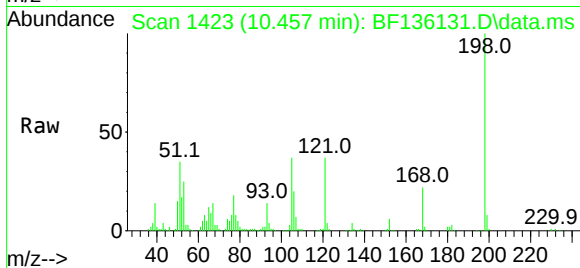
#65
4,6-Dinitro-2-methylphenol
Concen: 47.878 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Instrument :
BNA_F
ClientSampleId :
PE-5MSD

Tgt Ion:198 Resp: 7051
Ion Ratio Lower Upper
198 100
51 34.7 12.9 52.9
105 36.8 16.0 56.0

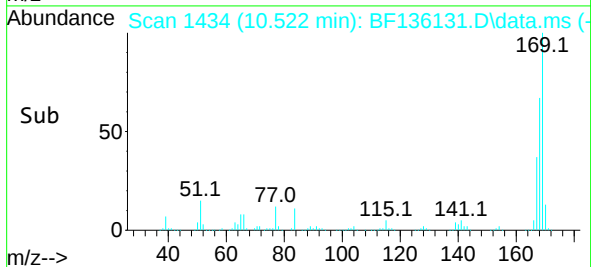
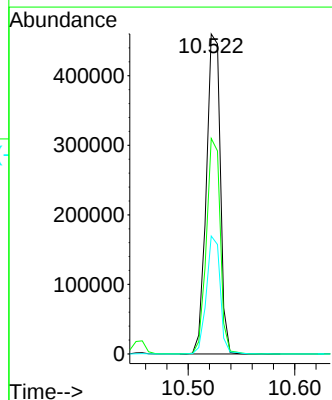
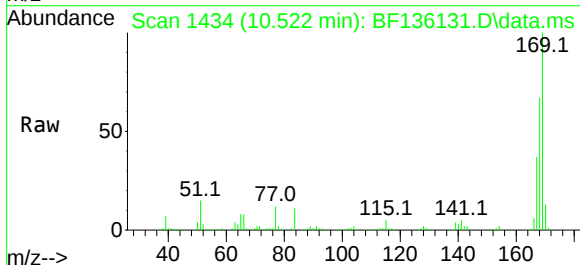
Manual Integrations
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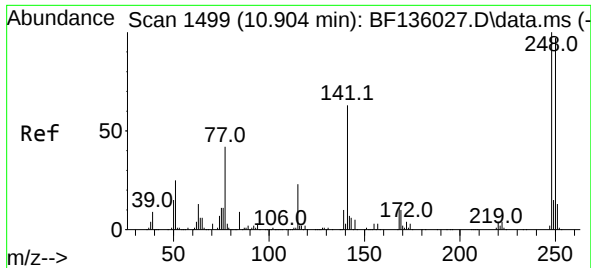
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#66
n-Nitrosodiphenylamine
Concen: 51.928 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

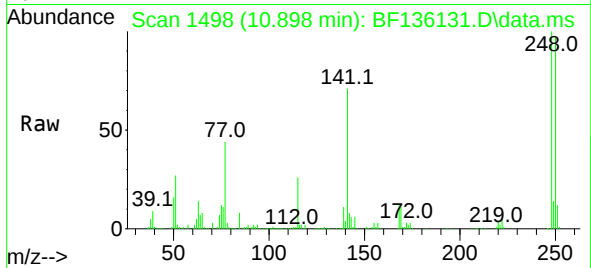
Tgt Ion:169 Resp: 420004
Ion Ratio Lower Upper
169 100
168 67.3 52.2 78.2
167 36.8 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 52.841 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

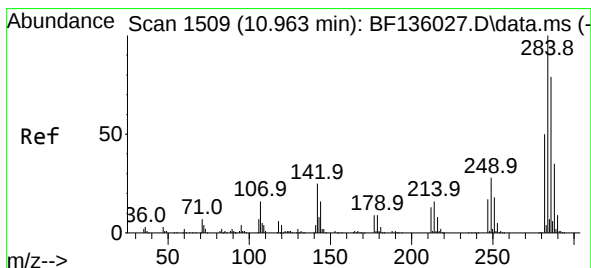
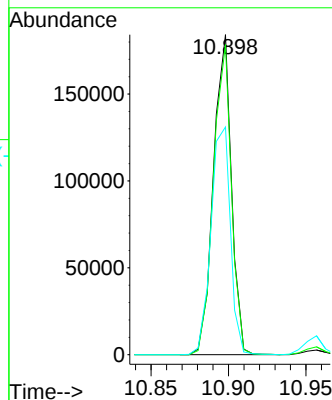
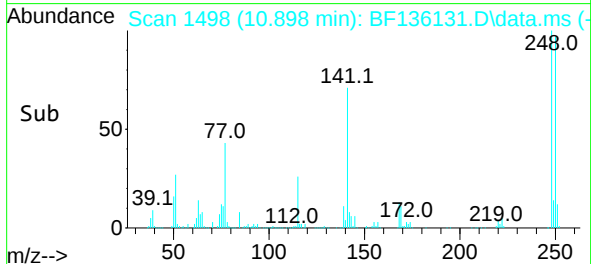
Instrument :
BNA_F
ClientSampleId :
PE-5MSD



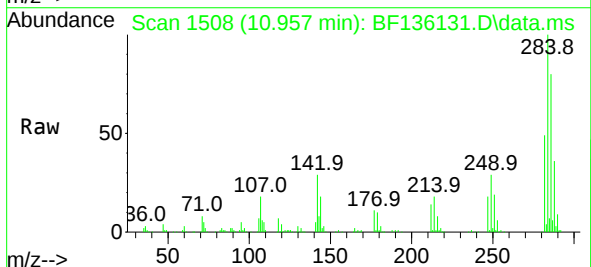
Tgt Ion:248 Resp: 148540
Ion Ratio Lower Upper
248 100
250 96.9 77.6 116.4
141 71.2 50.4 75.6

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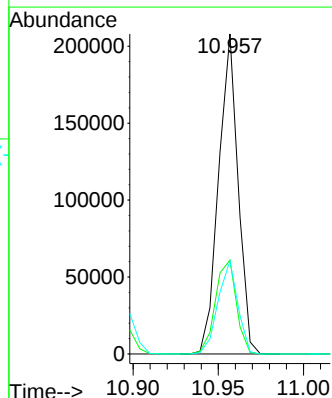
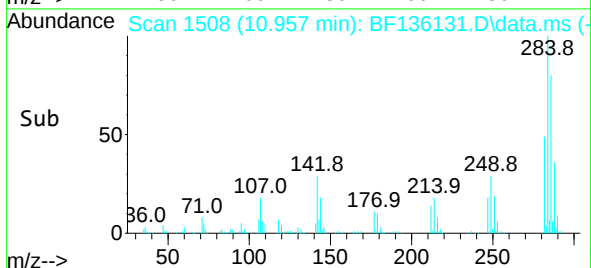
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

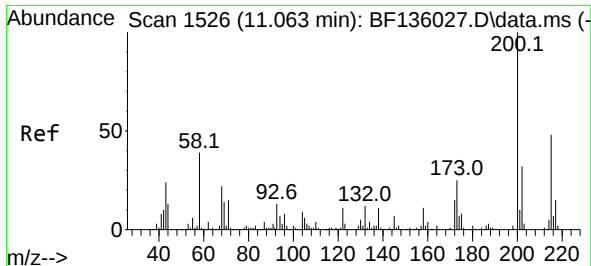


#68
Hexachlorobenzene
Concen: 55.064 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39



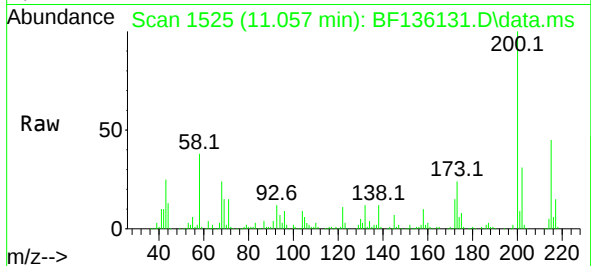
Tgt Ion:284 Resp: 165316
Ion Ratio Lower Upper
284 100
142 29.3 20.2 30.4
249 29.1 22.6 33.8





#69
 Atrazine
 Concen: 63.533 ng
 RT: 11.057 min Scan# 11057
 Delta R.T. -0.006 min
 Lab File: BF136131.D
 Acq: 03 Nov 2023 18:39

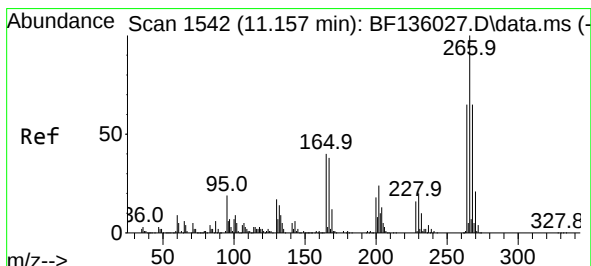
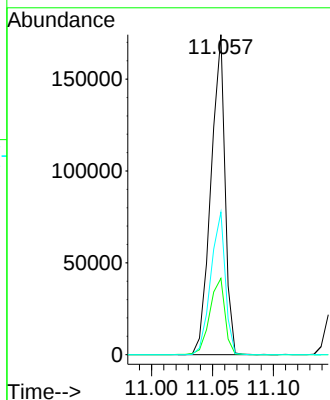
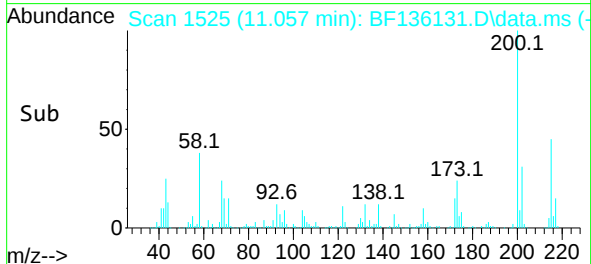
Instrument :
 BNA_F
 ClientSampleId :
 PE-5MSD



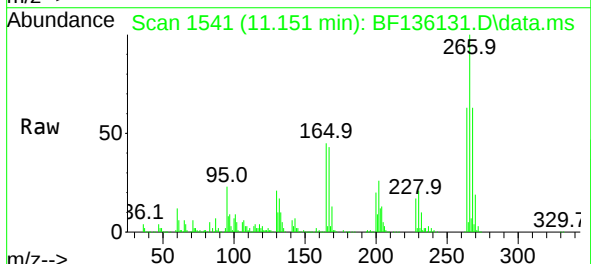
Tgt Ion:200 Resp: 139811
 Ion Ratio Lower Upper
 200 100
 173 23.9 5.2 45.2
 215 44.5 28.4 68.4

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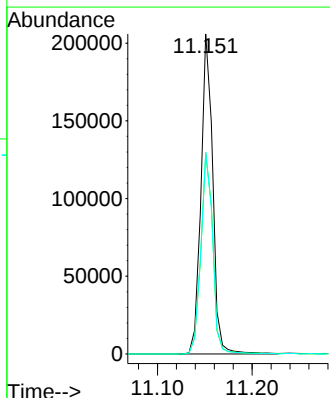
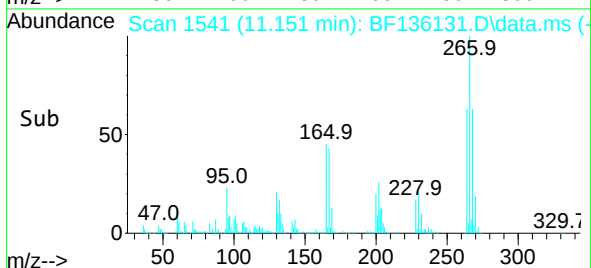
Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023

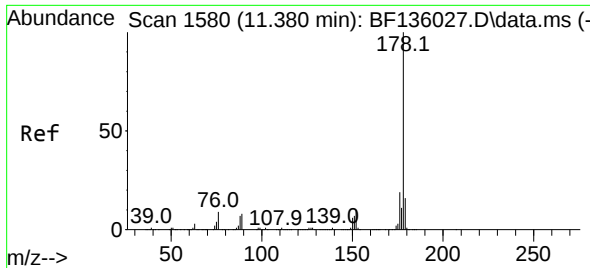


#70
 Pentachlorophenol
 Concen: 92.486 ng
 RT: 11.151 min Scan# 1541
 Delta R.T. -0.006 min
 Lab File: BF136131.D
 Acq: 03 Nov 2023 18:39



Tgt Ion:266 Resp: 178324
 Ion Ratio Lower Upper
 266 100
 268 62.9 52.2 78.4
 264 63.0 52.2 78.4





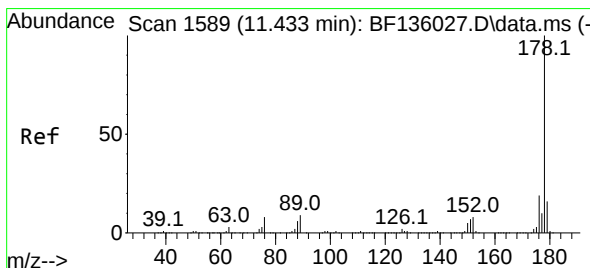
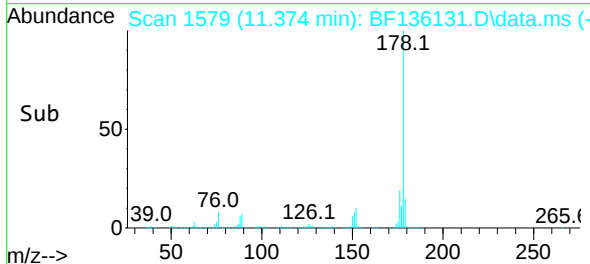
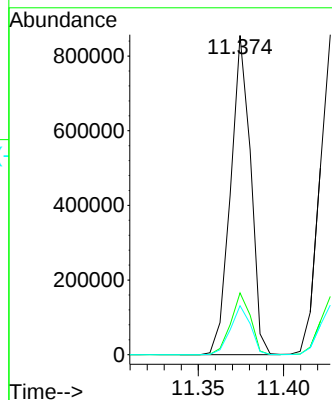
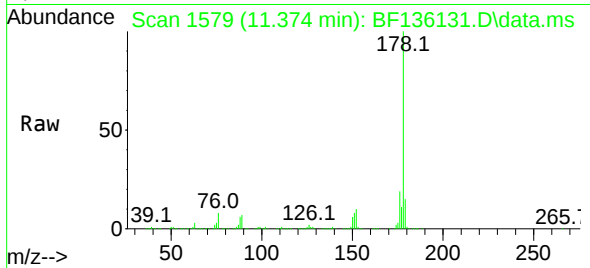
#71
Phenanthrene
Concen: 51.800 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Instrument :
BNA_F
ClientSampleId :
PE-5MSD

Tgt Ion:178 Resp: 699298
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.4 12.9 19.3

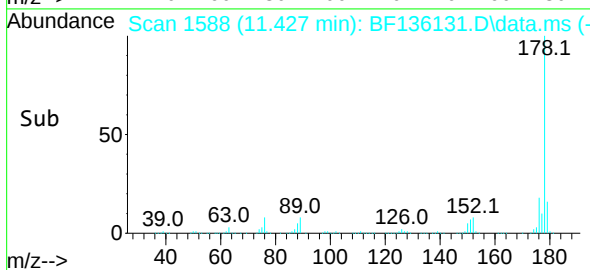
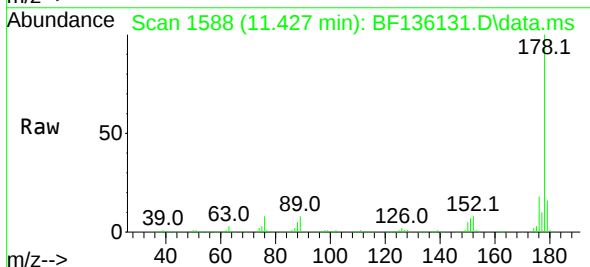
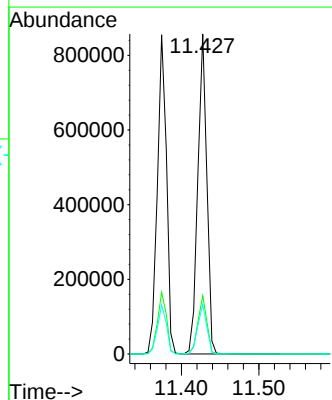
Manual Integrations
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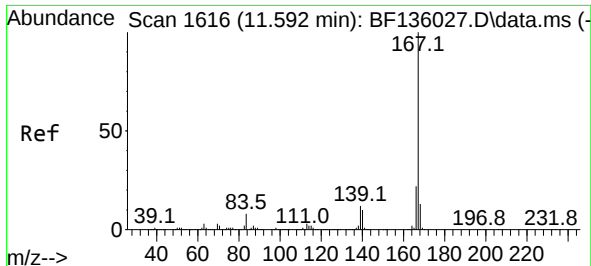
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#72
Anthracene
Concen: 50.162 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

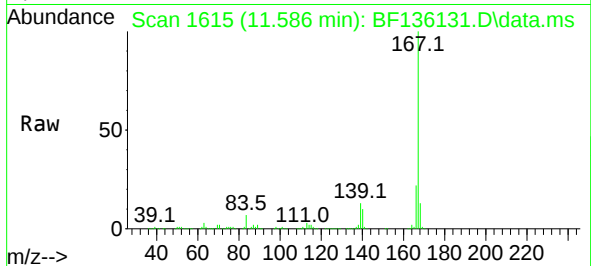
Tgt Ion:178 Resp: 693913
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 15.5 12.6 18.8





#73
Carbazole
Concen: 48.790 ng
RT: 11.586 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

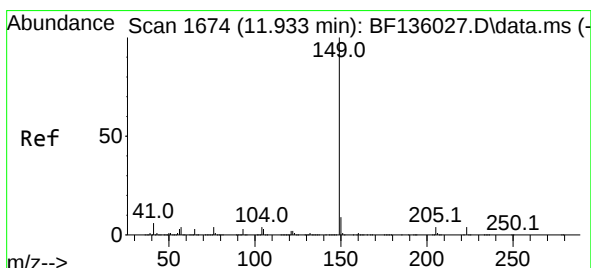
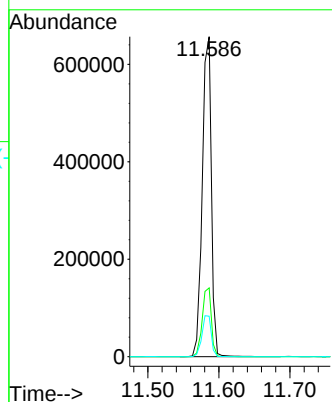
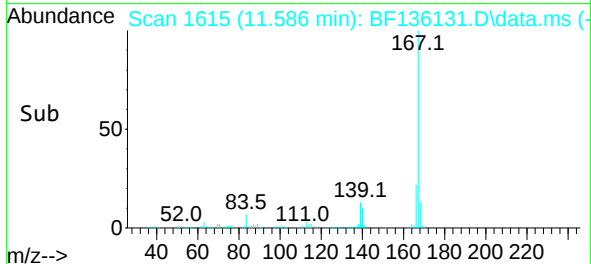
Instrument :
BNA_F
ClientSampleId :
PE-5MSD



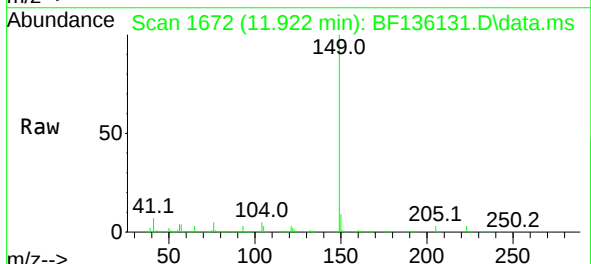
Tgt Ion:167 Resp: 586504
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.7 9.9 14.9

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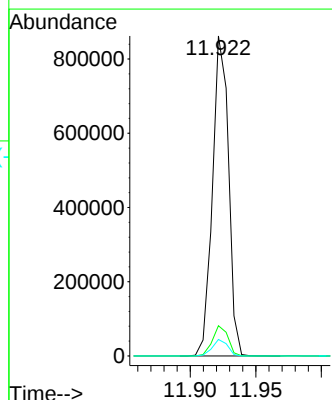
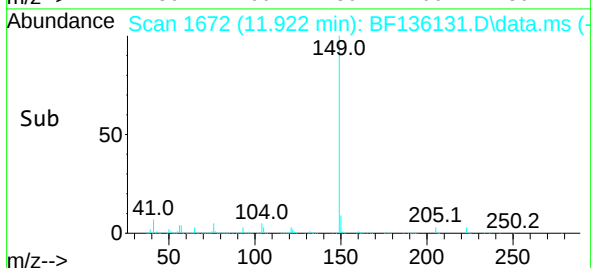
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

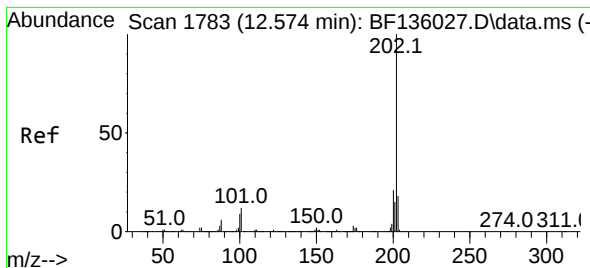


#74
Di-n-butylphthalate
Concen: 53.375 ng
RT: 11.922 min Scan# 1672
Delta R.T. -0.012 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39



Tgt Ion:149 Resp: 733163
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 5.2 3.6 5.4





#75

Fluoranthene

Concen: 52.026 ng

RT: 12.569 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

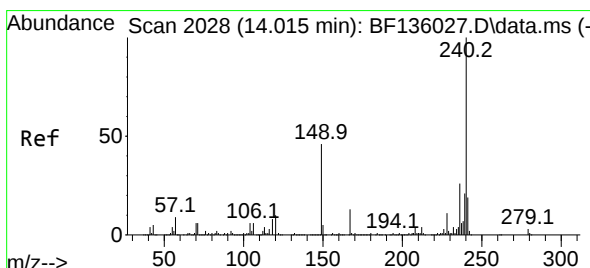
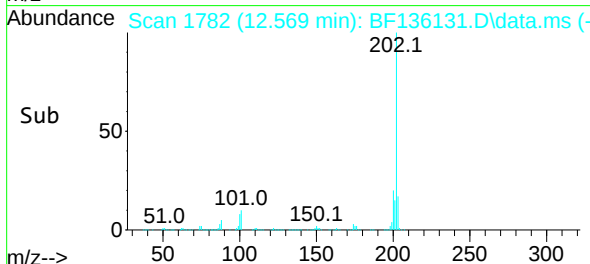
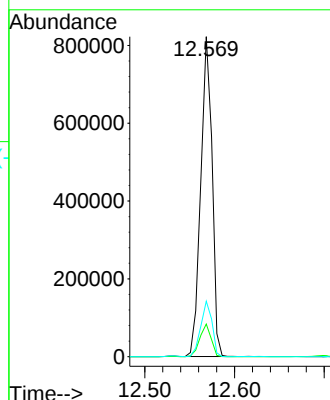
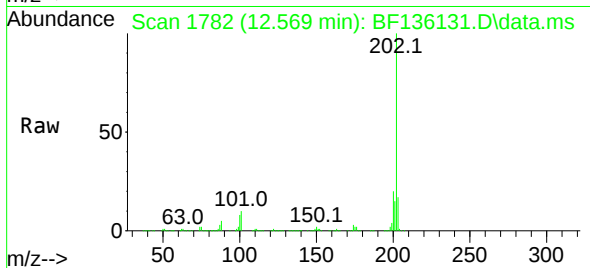
Tgt Ion:	202	Resp:	721530
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	31.8
203	17.3	0.0	37.9

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#76

Chrysene-d12

Concen: 20.000 ng

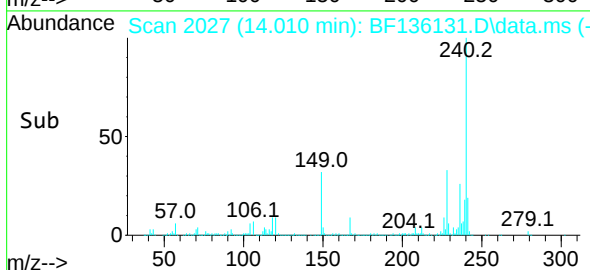
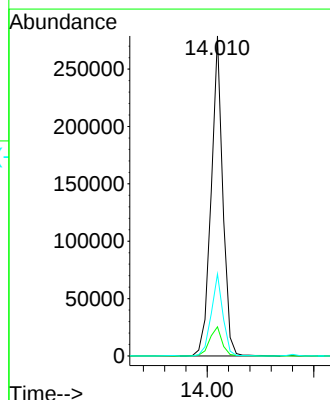
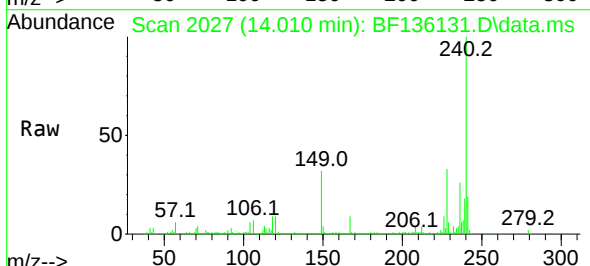
RT: 14.010 min Scan# 2027

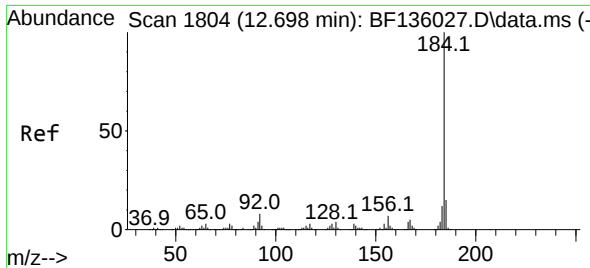
Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

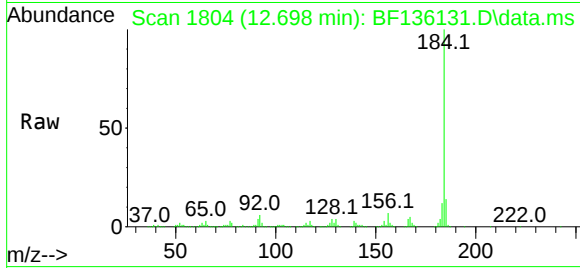
Tgt Ion:	240	Resp:	211095
Ion Ratio	Lower	Upper	
240	100		
120	9.1	7.6	11.4
236	25.6	20.6	31.0





#77
Benzidine
Concen: 89.225 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

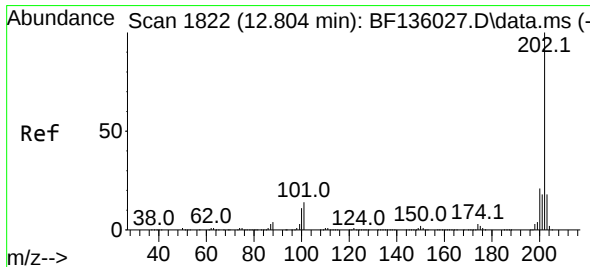
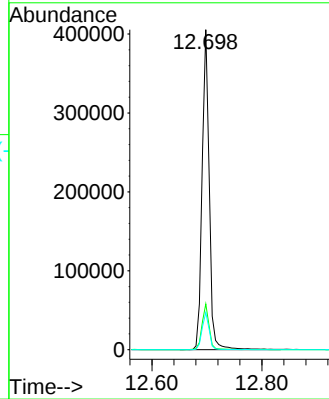
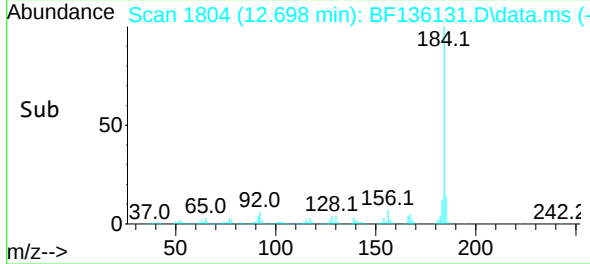
Instrument :
BNA_F
ClientSampleId :
PE-5MSD



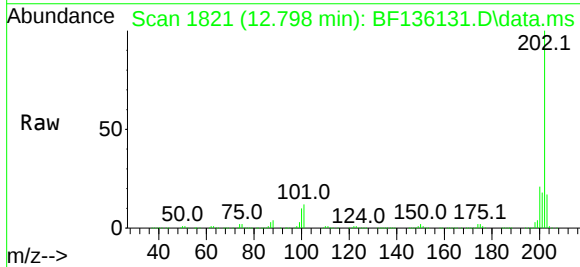
Tgt Ion:184 Resp: 367107
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.8
183 11.6 9.5 14.3

Manual Integrations
APPROVED

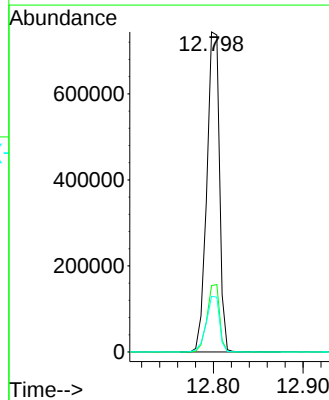
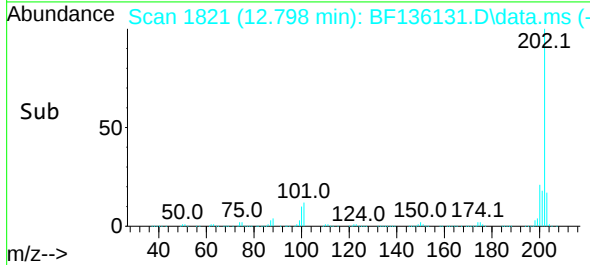
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

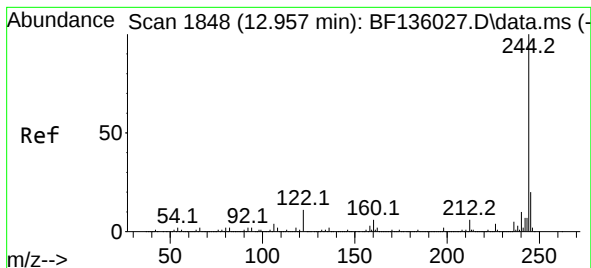


#78
Pyrene
Concen: 39.161 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39



Tgt Ion:202 Resp: 728830
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.4
203 17.4 14.4 21.6





#79

Terphenyl-d14

Concen: 53.990 ng

RT: 12.945 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

Tgt Ion:244 Resp: 73338

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

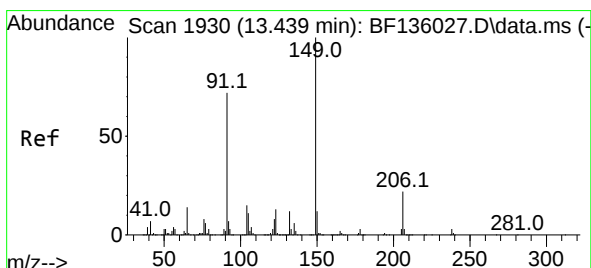
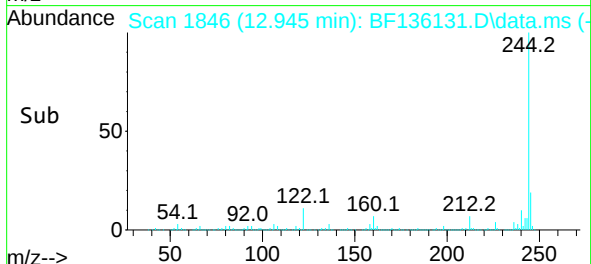
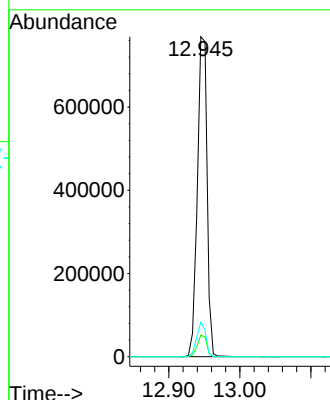
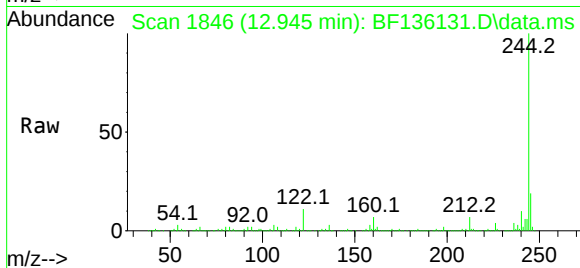
122 10.8 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#80

Butylbenzylphthalate

Concen: 46.859 ng

RT: 13.433 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

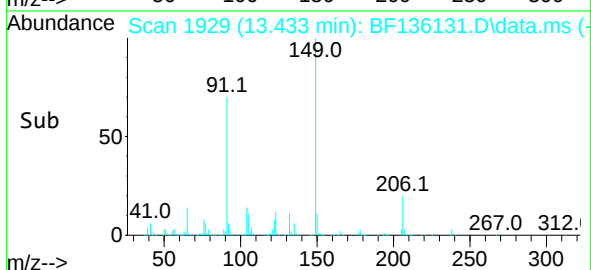
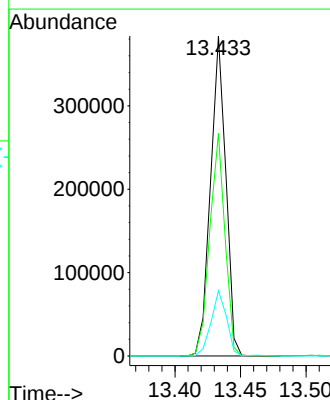
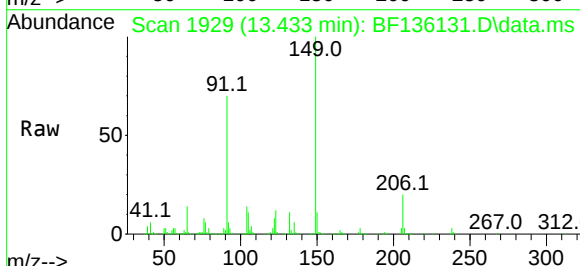
Tgt Ion:149 Resp: 312171

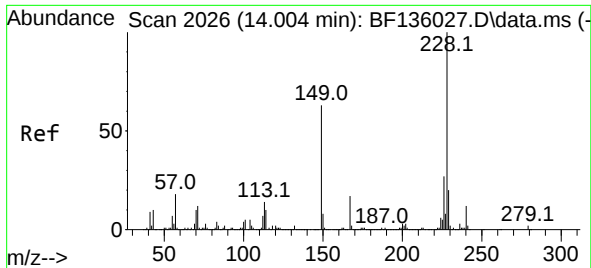
Ion Ratio Lower Upper

149 100

91 69.5 57.6 86.4

206 20.4 17.4 26.0





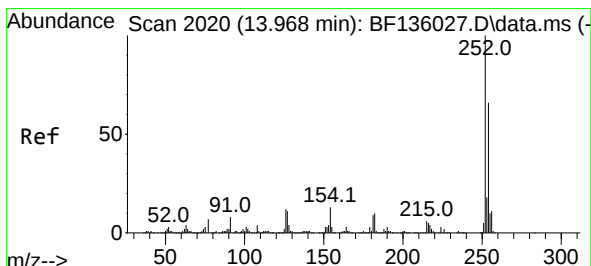
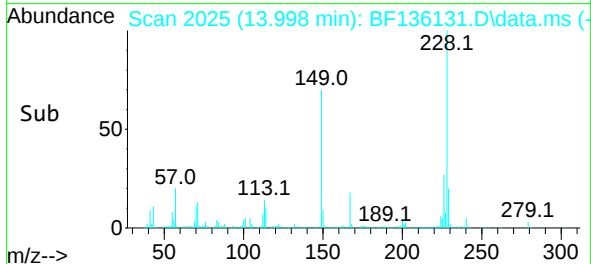
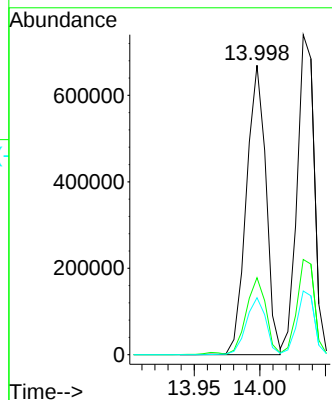
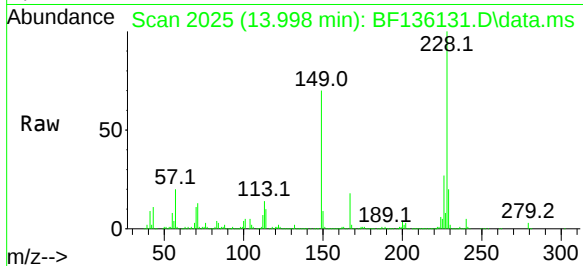
#81
Benzo(a)anthracene
Concen: 49.723 ng
RT: 13.998 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Instrument :
BNA_F
ClientSampleId :
PE-5MSD

Tgt Ion:228 Resp: 694889
Ion Ratio Lower Upper
228 100
226 26.6 21.5 32.3
229 19.7 15.8 23.6

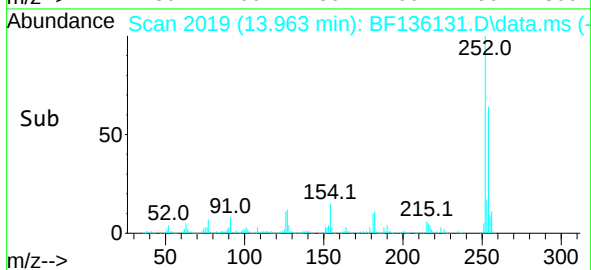
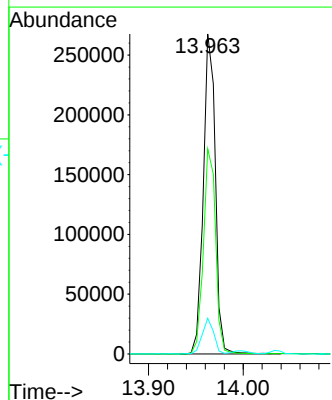
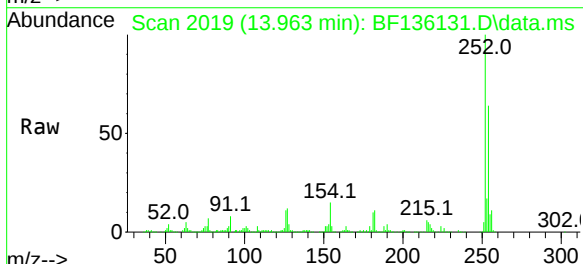
Manual Integrations
APPROVED

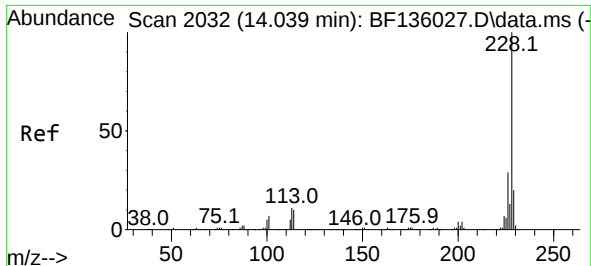
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#82
3,3'-Dichlorobenzidine
Concen: 53.061 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

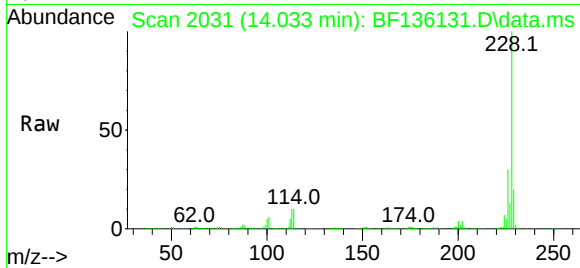
Tgt Ion:252 Resp: 236674
Ion Ratio Lower Upper
252 100
254 64.1 52.5 78.7
126 11.2 9.4 14.2





#83
Chrysene
Concen: 48.908 ng
RT: 14.033 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

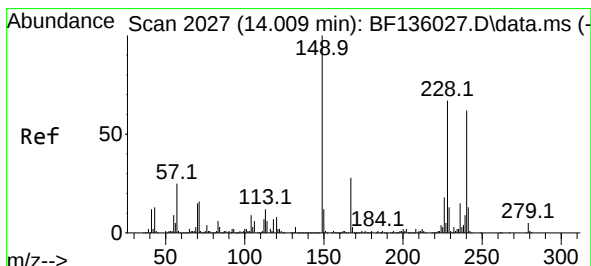
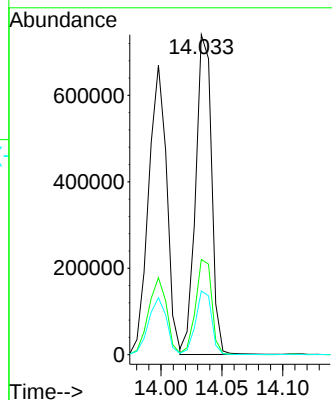
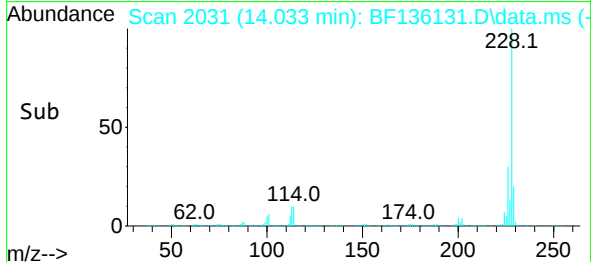
Instrument :
BNA_F
ClientSampleId :
PE-5MSD



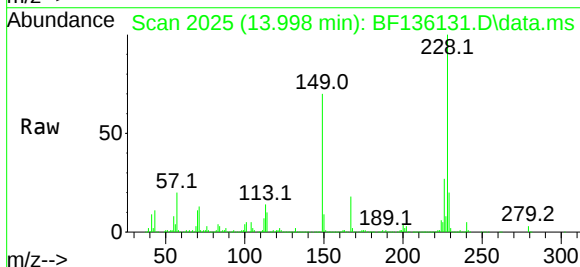
Tgt Ion:228 Resp: 673118
Ion Ratio Lower Upper
228 100
226 29.8 23.5 35.3
229 19.9 16.0 24.0

Manual Integrations
APPROVED

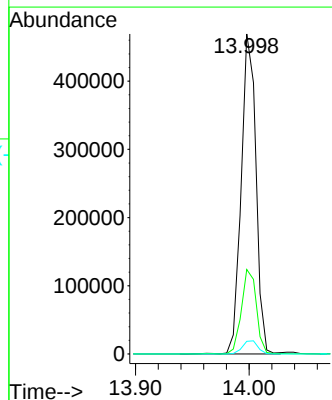
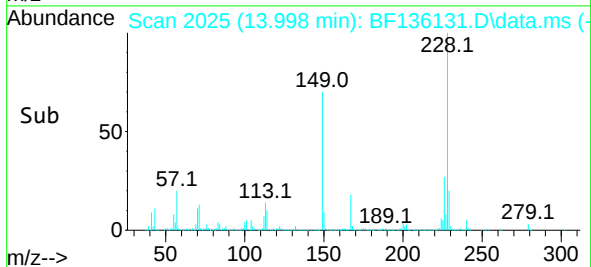
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.538 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39



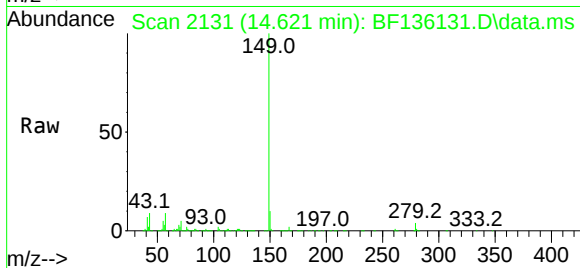
Tgt Ion:149 Resp: 423298
Ion Ratio Lower Upper
149 100
167 26.4 22.6 33.8
279 4.0 4.1 6.1#





#85
Di-n-octyl phthalate
Concen: 71.218 ng
RT: 14.621 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

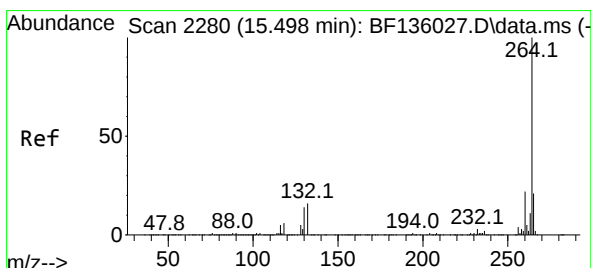
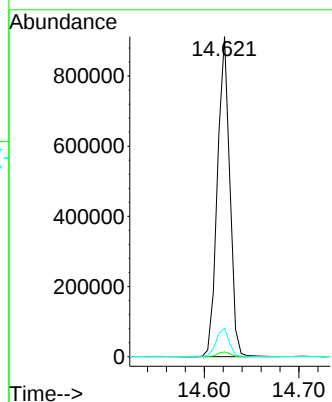
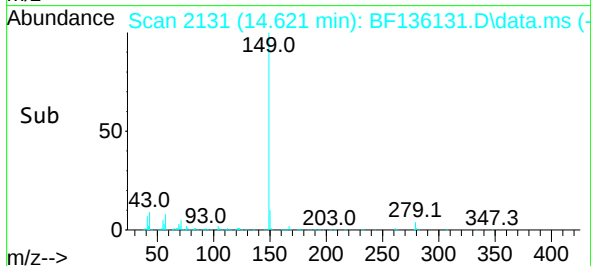
Instrument :
BNA_F
ClientSampleId :
PE-5MSD



Tgt Ion:149 Resp: 828060
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.2 7.6 11.4

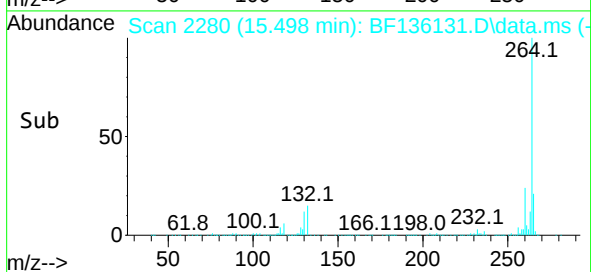
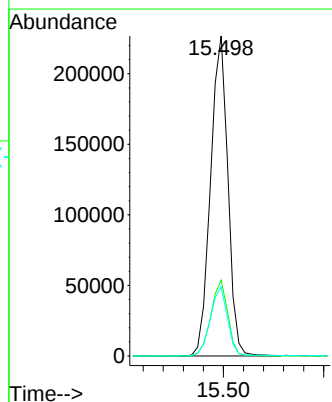
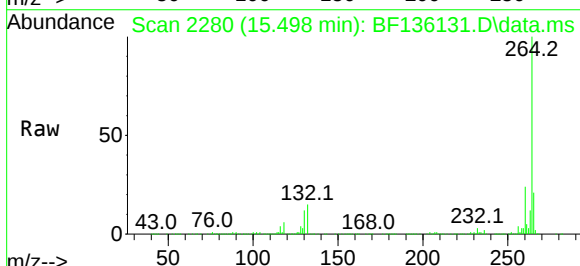
Manual Integrations
APPROVED

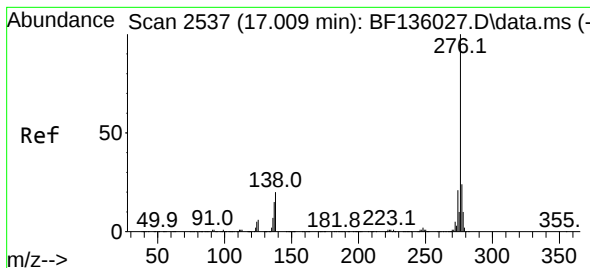
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

Tgt Ion:264 Resp: 271987
Ion Ratio Lower Upper
264 100
260 23.7 17.9 26.9
265 21.5 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.159 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

Tgt Ion:276 Resp: 85607

Ion Ratio Lower Upper

276 100

138 23.0 20.4 30.6

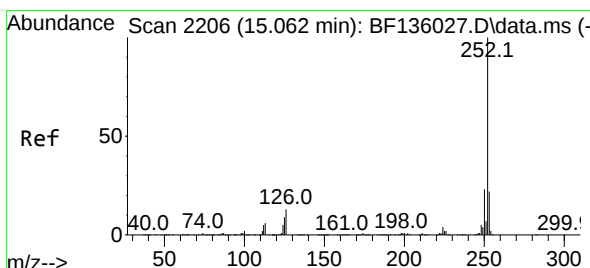
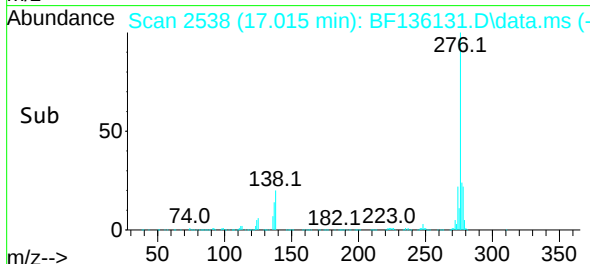
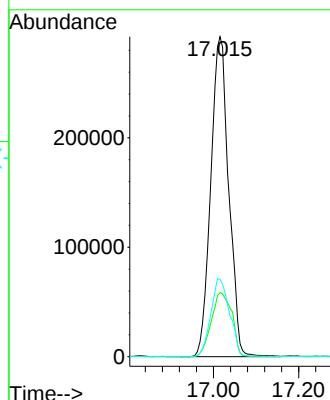
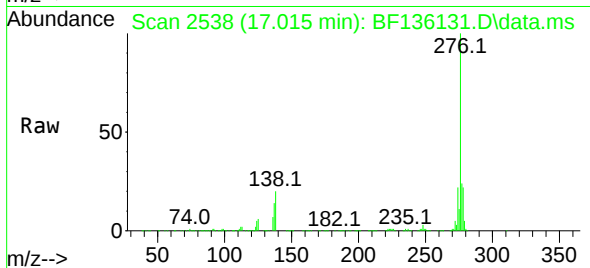
277 25.6 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#88

Benzo(b)fluoranthene

Concen: 48.804 ng

RT: 15.062 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

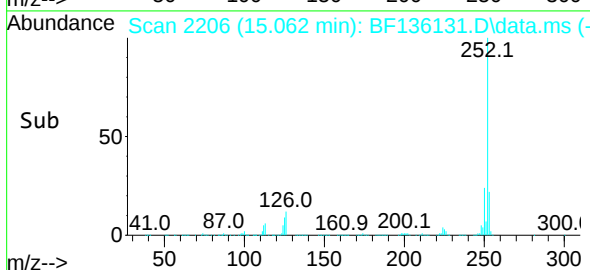
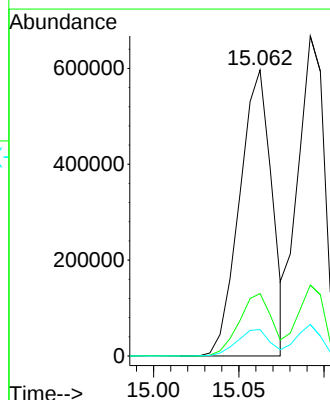
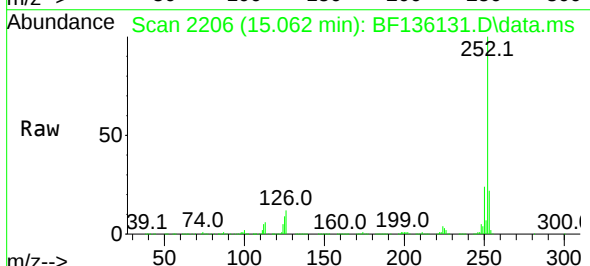
Tgt Ion:252 Resp: 785447

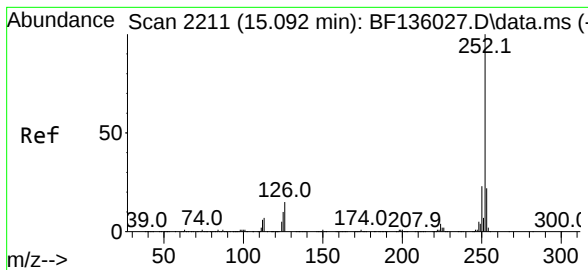
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

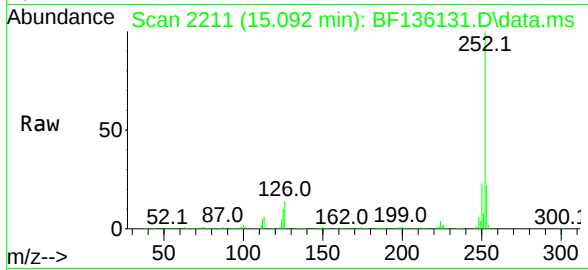
125 9.2 7.5 11.3





#89
Benzo(k)fluoranthene
Concen: 45.583 ng
RT: 15.092 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39

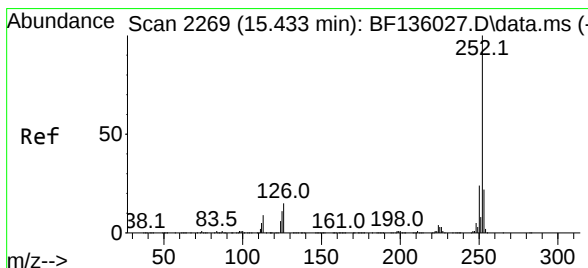
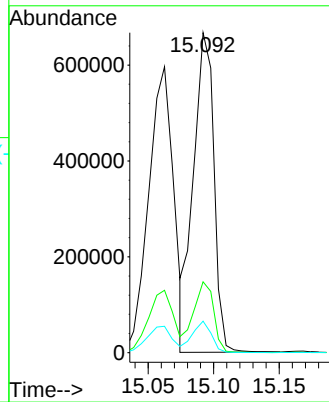
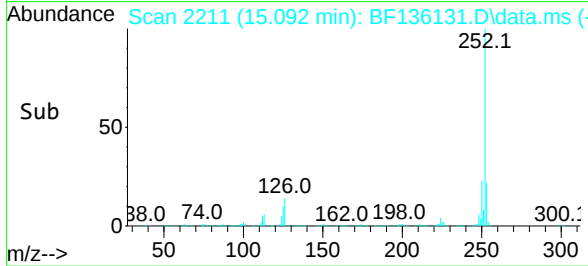
Instrument :
BNA_F
ClientSampleId :
PE-5MSD



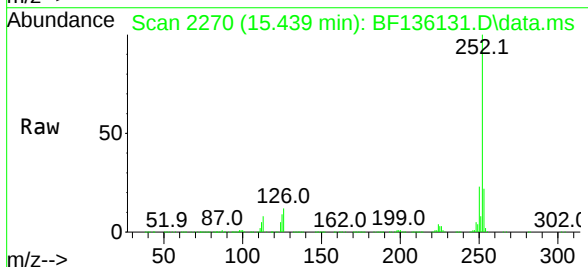
Tgt Ion:252 Resp: 725872
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.9 8.0 12.0

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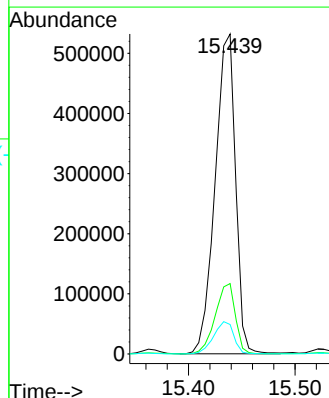
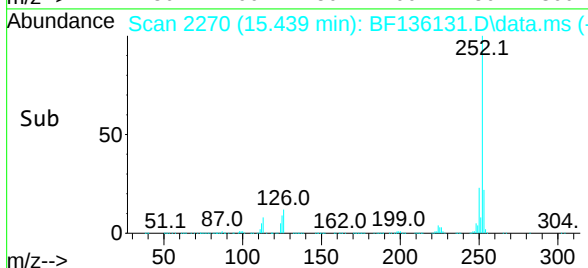
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

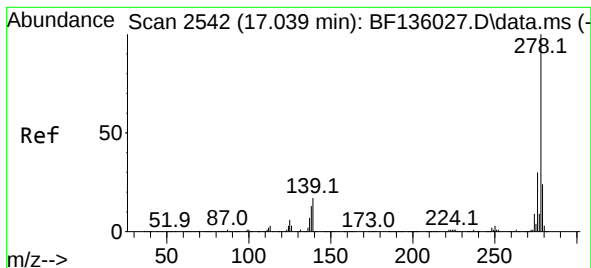


#90
Benzo(a)pyrene
Concen: 47.307 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF136131.D
Acq: 03 Nov 2023 18:39



Tgt Ion:252 Resp: 707415
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 48.759 ng

RT: 17.045 min Scan# 2543

Delta R.T. 0.006 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Instrument :

BNA_F

ClientSampleId :

PE-5MSD

Tgt Ion:278 Resp: 70997

Ion Ratio Lower Upper

278 100

139 14.2 13.7 20.5

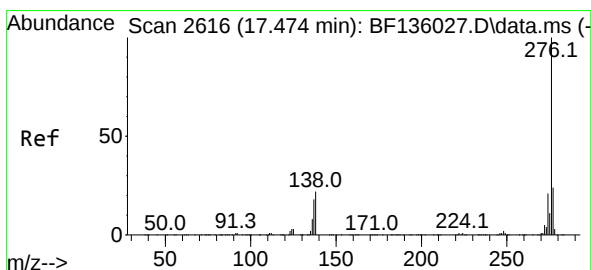
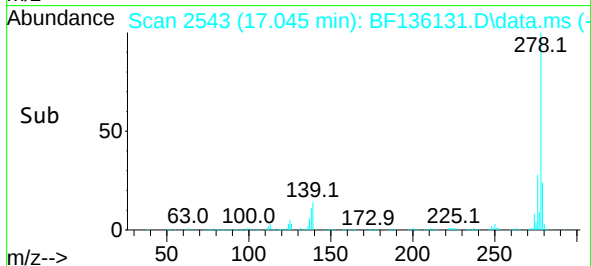
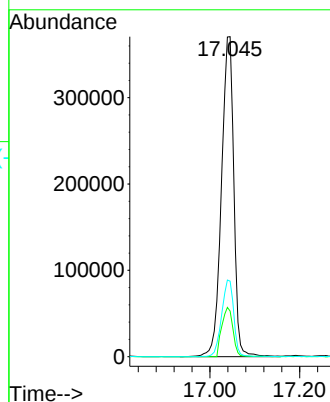
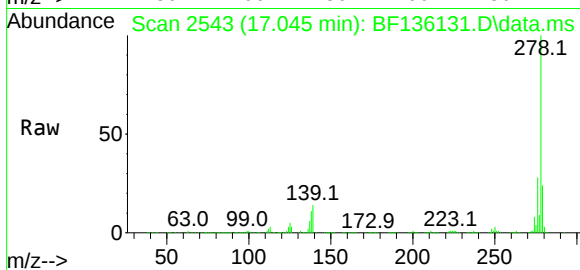
279 23.6 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#92

Benzo(g,h,i)perylene

Concen: 39.945 ng

RT: 17.474 min Scan# 2616

Delta R.T. 0.000 min

Lab File: BF136131.D

Acq: 03 Nov 2023 18:39

Tgt Ion:276 Resp: 653630

Ion Ratio Lower Upper

276 100

277 24.4 19.0 28.4

138 20.4 17.4 26.2

