

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136120.D
 Acq On : 03 Nov 2023 12:57
 Operator : CG\JU
 Sample : PB156798BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156798BS

Manual Integrations
 APPROVED

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

Quant Time: Nov 04 00:07:18 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	105246	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	430196	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	224764	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	414398	20.000	ng	0.00
76) Chrysene-d12	14.010	240	215133	20.000	ng	0.00
86) Perylene-d12	15.492	264	190465	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	817832	122.109	ng	0.00
7) Phenol-d6	6.457	99	993193	119.020	ng	0.00
23) Nitrobenzene-d5	7.387	82	604374	84.690	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	305618	127.390	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1133771	80.411	ng	0.00
79) Terphenyl-d14	12.951	244	1274781	92.085	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	95434	32.723	ng	99
3) Pyridine	3.416	79	234312	29.435	ng	94
4) n-Nitrosodimethylamine	3.387	42	141143	42.407	ng	88
6) Aniline	6.481	93	310902	28.777	ng	94
8) 2-Chlorophenol	6.604	128	316648	44.222	ng	99
9) Benzaldehyde	6.369	77	38075	8.183	ng	97
10) Phenol	6.475	94	374387m	43.377	ng	
11) bis(2-Chloroethyl)ether	6.563	93	288262	42.662	ng	99
12) 1,3-Dichlorobenzene	6.763	146	328205	44.039	ng	98
13) 1,4-Dichlorobenzene	6.840	146	335845	44.967	ng	98
14) 1,2-Dichlorobenzene	6.987	146	316059	45.257	ng	97
15) Benzyl Alcohol	6.963	79	261857	44.256	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.098	45	389626	41.893	ng	99
17) 2-Methylphenol	7.075	107	244303	40.218	ng	96
18) Hexachloroethane	7.328	117	118361	45.089	ng	98
19) n-Nitroso-di-n-propyla...	7.239	70	200569	42.066	ng	97
20) 3+4-Methylphenols	7.228	107	298767	40.335	ng	97
22) Acetophenone	7.234	105	414160	43.416	ng	# 93
24) Nitrobenzene	7.404	77	308480	42.734	ng	94
25) Isophorone	7.639	82	566599	42.056	ng	99
26) 2-Nitrophenol	7.716	139	160743	48.807	ng	89
27) 2,4-Dimethylphenol	7.757	122	249765	40.132	ng	96
28) bis(2-Chloroethoxy)met...	7.857	93	336603	40.777	ng	98
29) 2,4-Dichlorophenol	7.957	162	257067	43.815	ng	96
30) 1,2,4-Trichlorobenzene	8.045	180	278036	43.441	ng	99
31) Naphthalene	8.128	128	871324	42.002	ng	100
32) Benzoic acid	7.886	122	203724	41.623	ng	97
33) 4-Chloroaniline	8.169	127	190544	20.974	ng	99
34) Hexachlorobutadiene	8.239	225	164290	44.760	ng	99
35) Caprolactam	8.545	113	83275m	43.651	ng	
36) 4-Chloro-3-methylphenol	8.657	107	279371	45.356	ng	98
37) 2-Methylnaphthalene	8.816	142	565870	40.681	ng	98
38) 1-Methylnaphthalene	8.916	142	538448	41.596	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	270246	42.160	ng	98
41) Hexachlorocyclopentadiene	8.969	237	295155	86.188	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	181887	43.519	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	195495	40.380	ng	98
46) 1,1'-Biphenyl	9.286	154	717108	41.853	ng	98
47) 2-Chloronaphthalene	9.304	162	553335	43.807	ng	97
48) 2-Nitroaniline	9.404	65	171301	45.825	ng	99
49) Acenaphthylene	9.722	152	860280	43.658	ng	99
50) Dimethylphthalate	9.586	163	641972	43.301	ng	99
51) 2,6-Dinitrotoluene	9.651	165	148146	46.720	ng	96
52) Acenaphthene	9.898	154	523738	41.810	ng	100
53) 3-Nitroaniline	9.816	138	120181	32.482	ng	93
54) 2,4-Dinitrophenol	9.922	184	152406	87.817	ng	# 85
55) Dibenzofuran	10.069	168	774535	42.403	ng	95
56) 4-Nitrophenol	9.980	139	240308	86.830	ng	80
57) 2,4-Dinitrotoluene	10.051	165	193437	48.215	ng	94
58) Fluorene	10.416	166	592912	43.354	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	170261m	44.234	ng	
60) Diethylphthalate	10.292	149	628934	44.399	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	286325	41.942	ng	92
62) 4-Nitroaniline	10.433	138	145865	40.942	ng	94
63) Azobenzene	10.569	77	577984	42.367	ng	98
65) 4,6-Dinitro-2-methylph...	10.463	198	101853	45.126	ng	93
66) n-Nitrosodiphenylamine	10.528	169	539277	43.139	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	187491	43.154	ng	# 93
68) Hexachlorobenzene	10.957	284	211646	45.612	ng	# 87
69) Atrazine	11.057	200	174173	51.209	ng	97
70) Pentachlorophenol	11.157	266	217488	72.982	ng	98
71) Phenanthrene	11.380	178	906838	43.462	ng	99
72) Anthracene	11.433	178	920580	43.057	ng	98
73) Carbazole	11.586	167	792626	42.662	ng	98
74) Di-n-butylphthalate	11.927	149	924755	43.559	ng	100
75) Fluoranthene	12.574	202	905553	42.247	ng	97
77) Benzidine	12.698	184	141884	33.837	ng	96
78) Pyrene	12.804	202	906046	47.769	ng	99
80) Butylbenzylphthalate	13.433	149	320010	47.134	ng	98
81) Benzo(a)anthracene	13.998	228	622796	43.728	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	164285	36.140	ng	98
83) Chrysene	14.033	228	595680	42.469	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	363742	45.985	ng	# 96
85) Di-n-octyl phthalate	14.621	149	518613	43.766	ng	99
87) Indeno(1,2,3-cd)pyrene	17.009	276	649774	52.199	ng	97
88) Benzo(b)fluoranthene	15.057	252	538382	47.771	ng	98
89) Benzo(k)fluoranthene	15.086	252	466325	41.818	ng	99
90) Benzo(a)pyrene	15.433	252	453669	43.323	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	536473	52.613	ng	98
92) Benzo(g,h,i)perylene	17.468	276	542608	46.817	ng	98

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

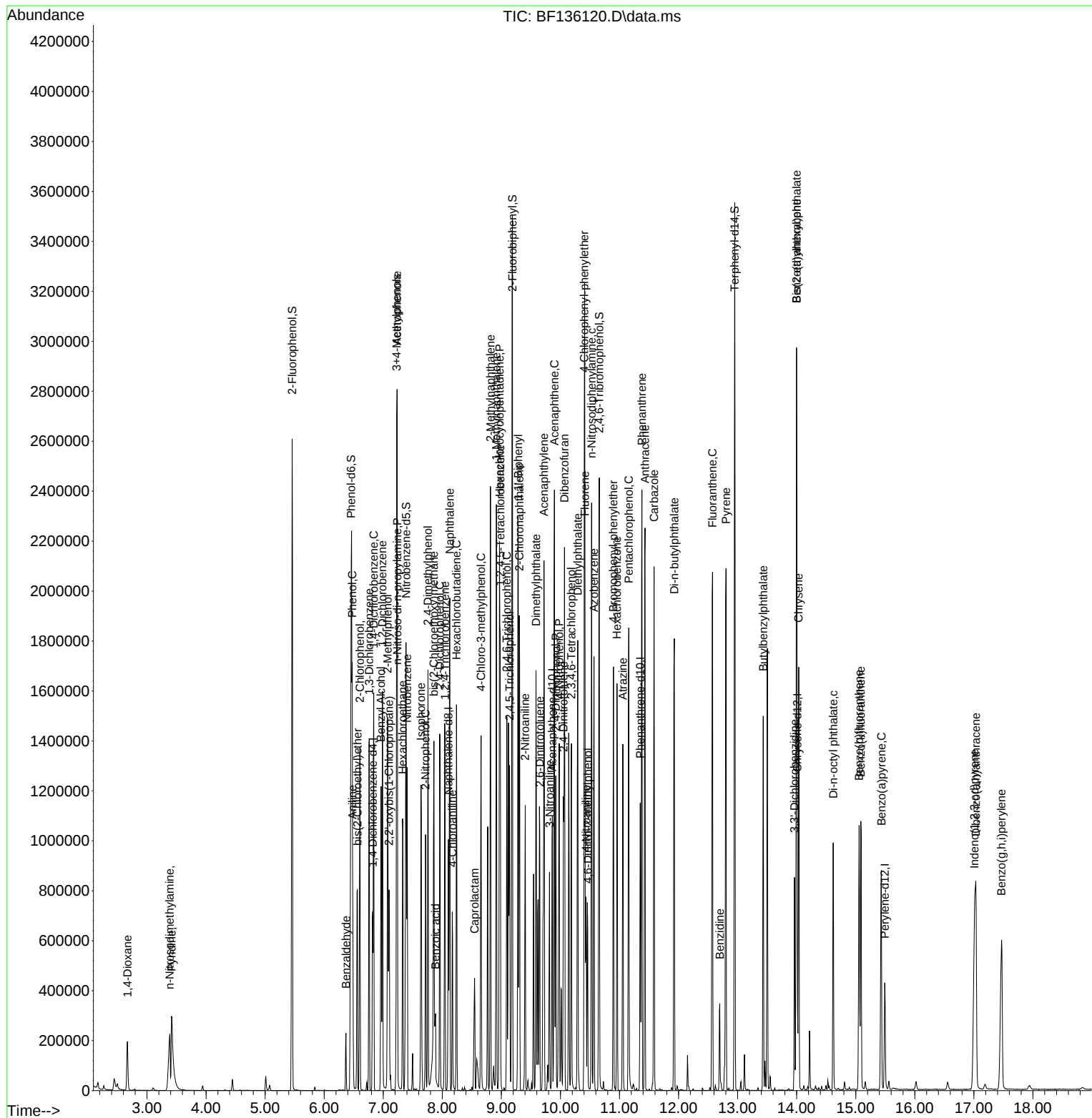
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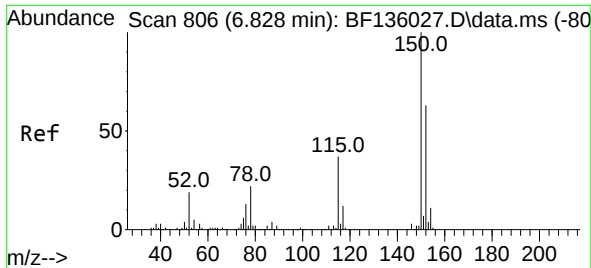
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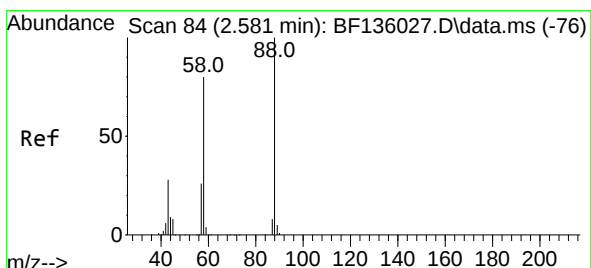
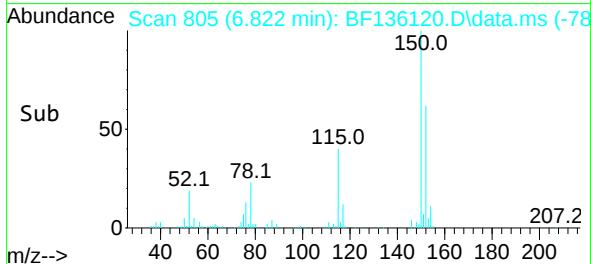
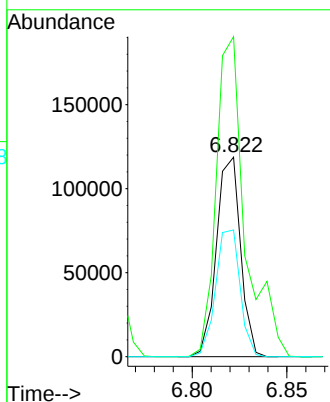
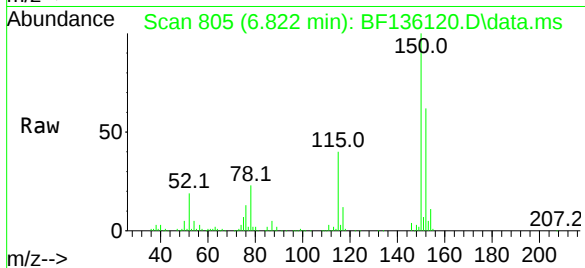
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

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BNA_F
ClientSampleId :
PB156798BS

Tgt Ion:152 Resp: 105240
Ion Ratio Lower Upper
152 100
150 160.4 126.4 189.6
115 63.6 47.0 70.4

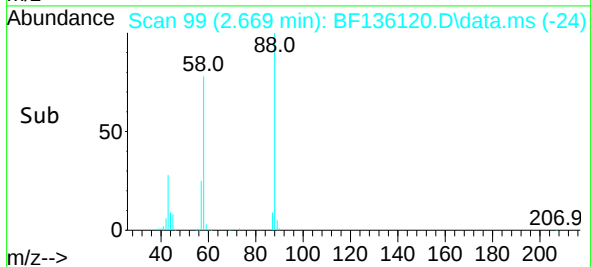
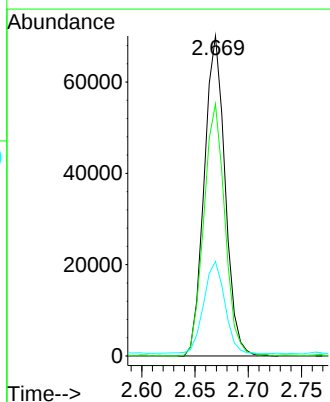
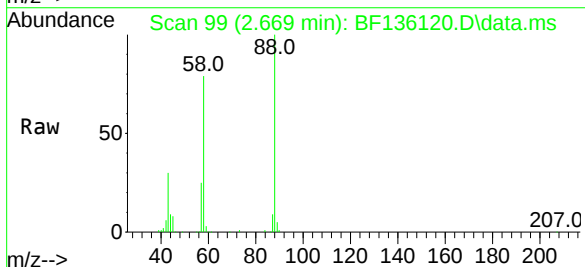
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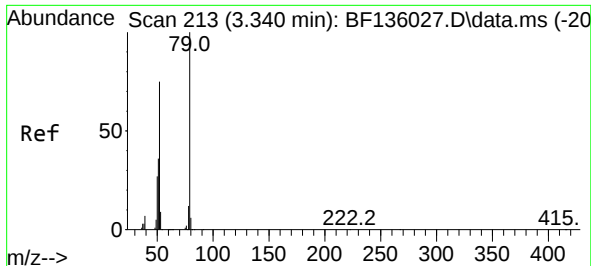
Reviewed By :Yogesh Patel 11/04/2023
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#2
1,4-Dioxane
Concen: 32.723 ng
RT: 2.669 min Scan# 99
Delta R.T. 0.088 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

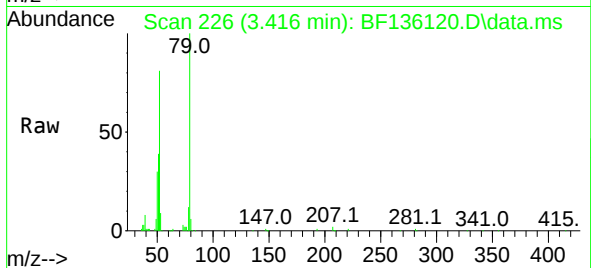
Tgt Ion: 88 Resp: 95434
Ion Ratio Lower Upper
88 100
58 79.9 64.3 96.5
43 29.3 22.3 33.5





#3
Pyridine
Concen: 29.435 ng
RT: 3.416 min Scan# 213
Delta R.T. 0.077 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

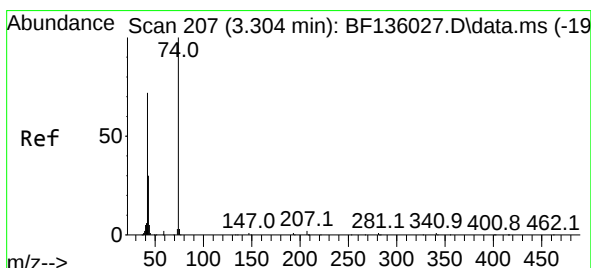
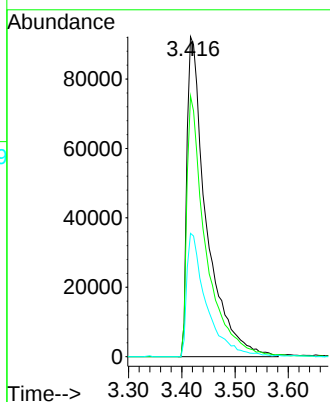
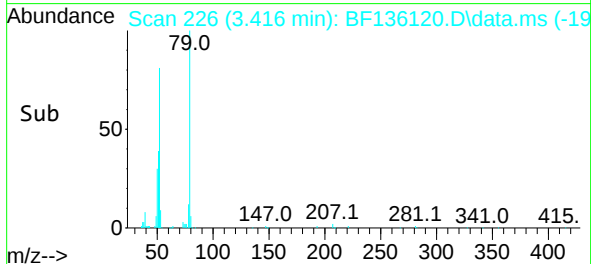
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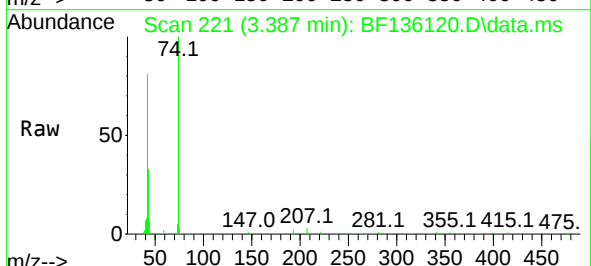
Tgt Ion: 79 Resp: 23431
Ion Ratio Lower Upper
79 100
52 81.5 60.3 90.5
51 38.6 29.3 43.9

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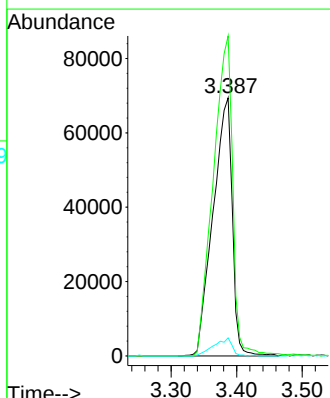
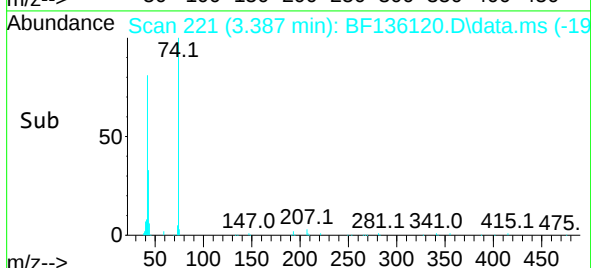
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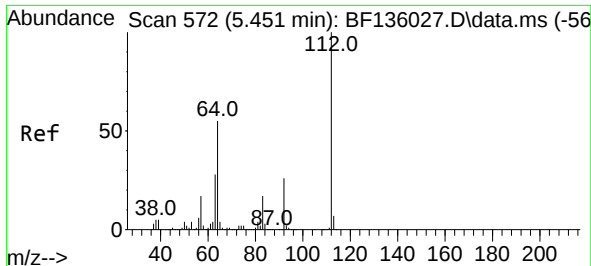


#4
n-Nitrosodimethylamine
Concen: 42.407 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.082 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57



Tgt Ion: 42 Resp: 141143
Ion Ratio Lower Upper
42 100
74 124.0 111.8 167.6
44 7.0 6.2 9.4





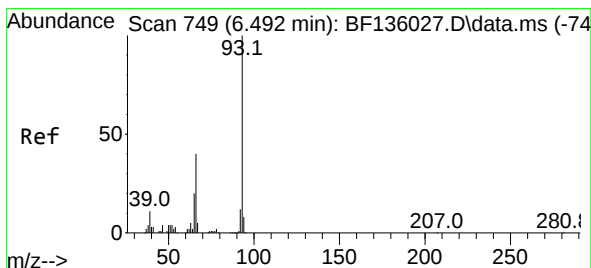
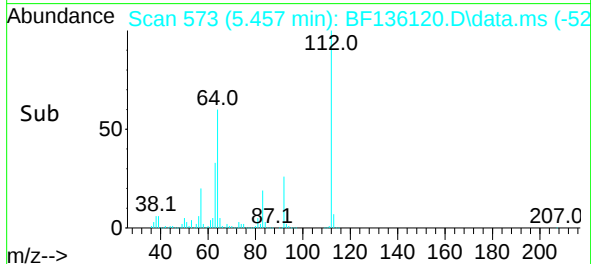
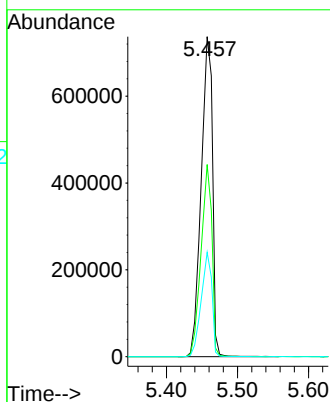
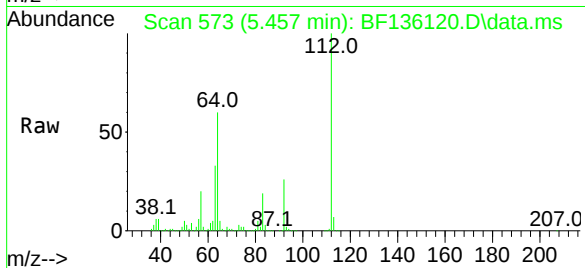
#5
2-Fluorophenol
Concen: 122.109 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 81783
Ion Ratio Lower Upper
112 100
64 60.1 43.9 65.9
63 32.6 22.4 33.6

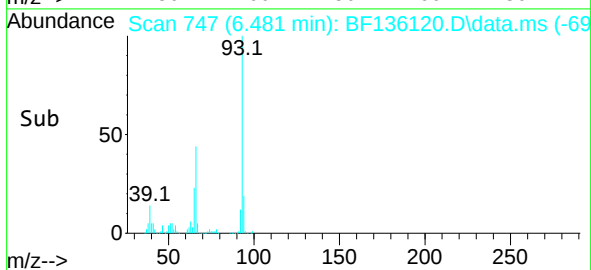
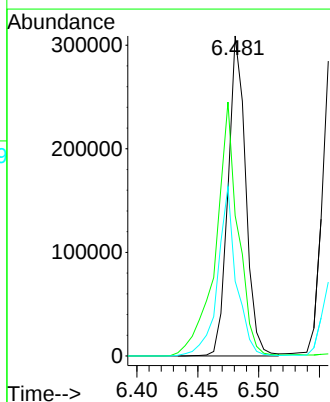
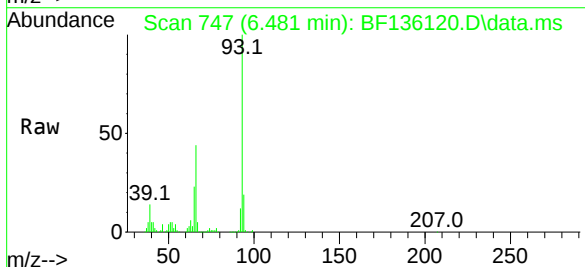
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#6
Aniline
Concen: 28.777 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

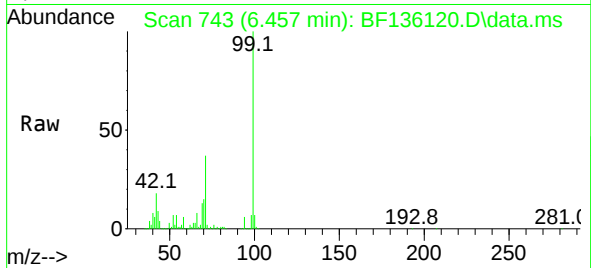
Tgt Ion: 93 Resp: 310902
Ion Ratio Lower Upper
93 100
66 43.9 32.4 48.6
65 23.4 16.2 24.2





#7
Phenol-d6
Concen: 119.020 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

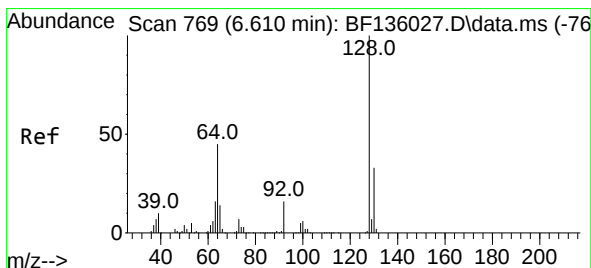
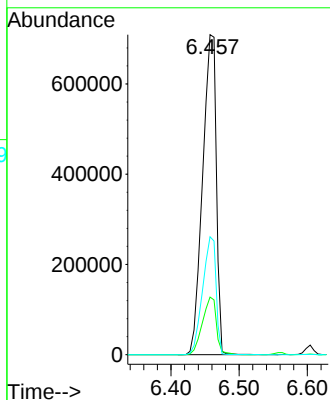
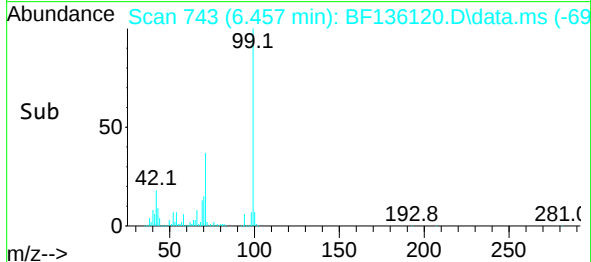
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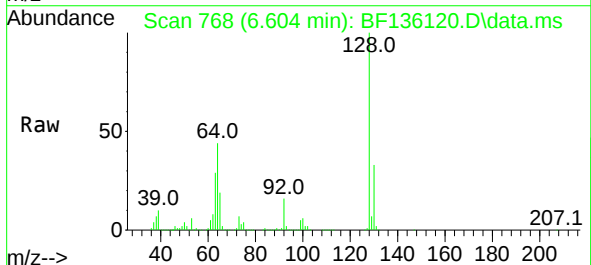
Tgt Ion: 99 Resp: 99319
Ion Ratio Lower Upper
99 100
42 18.0 13.7 20.5
71 36.8 25.9 38.9

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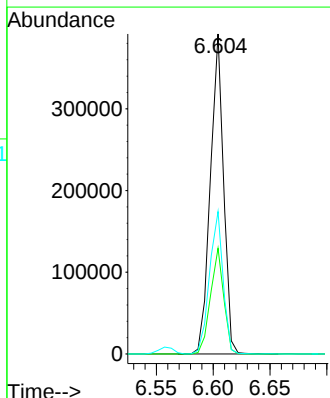
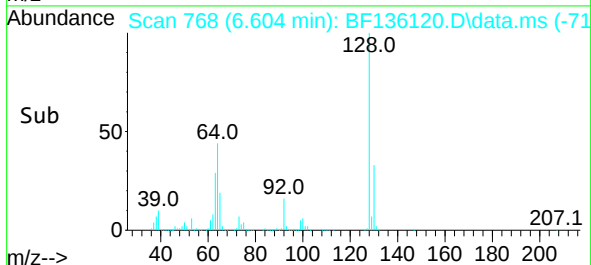
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#8
2-Chlorophenol
Concen: 44.222 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57



Tgt Ion:128 Resp: 316648
Ion Ratio Lower Upper
128 100
130 33.1 12.8 52.8
64 44.5 25.8 65.8





#9

Benzaldehyde

Concen: 8.183 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136120.D

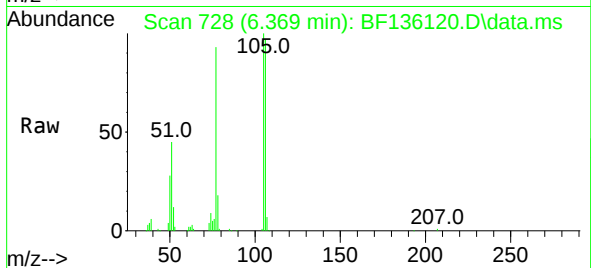
Acq: 03 Nov 2023 12:57

Instrument :

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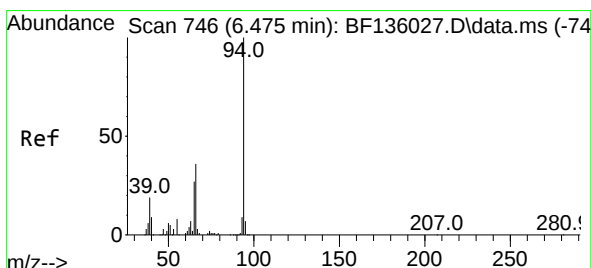
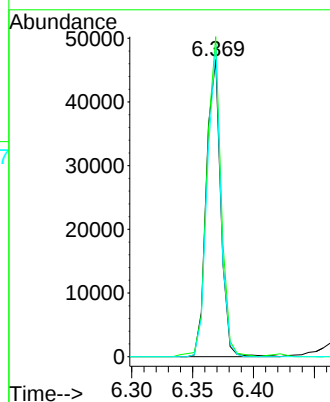
Tgt Ion:	77	Resp:	3807
Ion	Ratio	Lower	Upper
77	100		
105	107.7	85.7	125.7
106	104.8	79.8	119.8

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#10

Phenol

Concen: 43.377 ng m

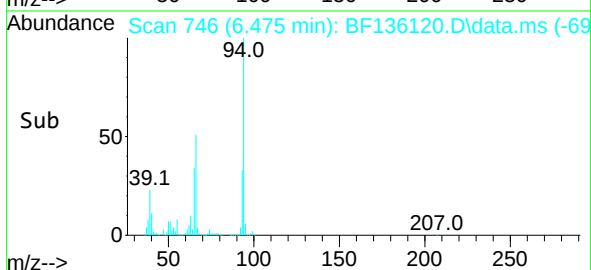
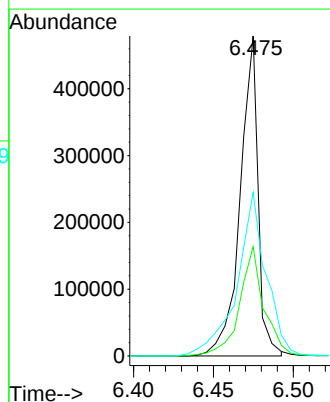
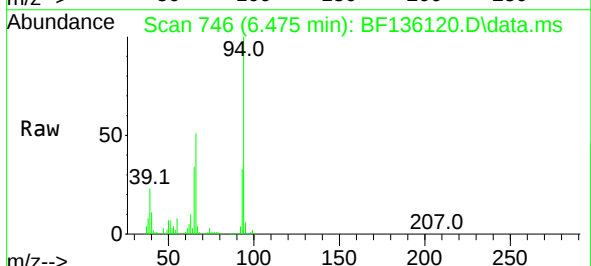
RT: 6.475 min Scan# 746

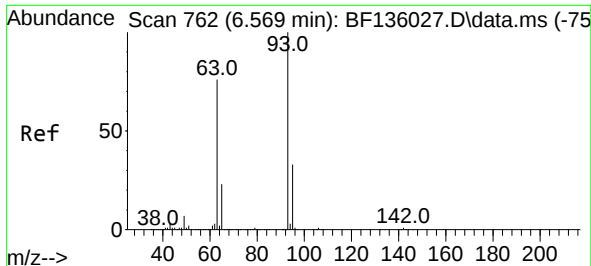
Delta R.T. 0.000 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Tgt Ion:	94	Resp:	374387
Ion	Ratio	Lower	Upper
94	100		
65	34.1	7.5	47.5
66	51.2	17.1	57.1





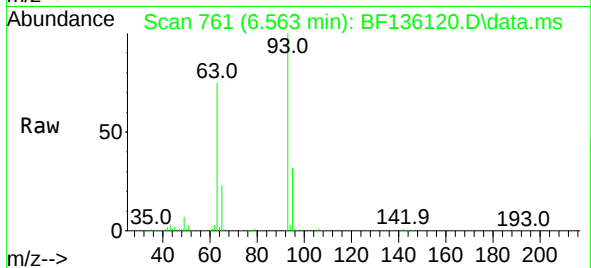
#11
bis(2-Chloroethyl)ether
Concen: 42.662 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

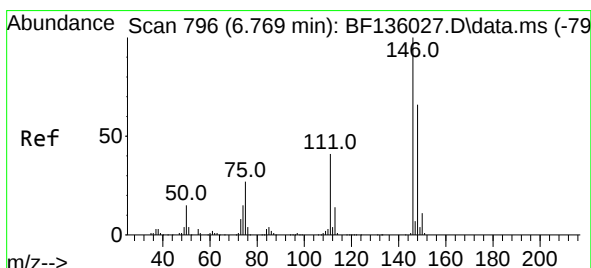
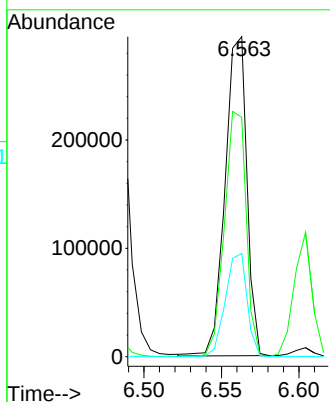
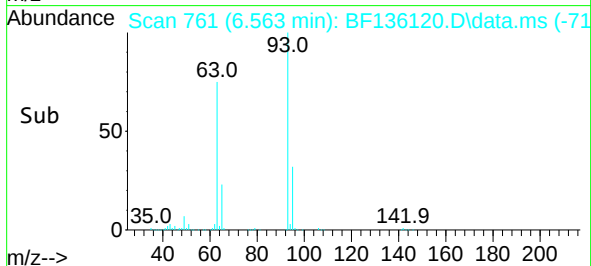
PB156798BS



Tgt Ion: 93 Resp: 288262
Ion Ratio Lower Upper
93 100
63 74.8 55.8 95.8
95 32.2 12.9 52.9

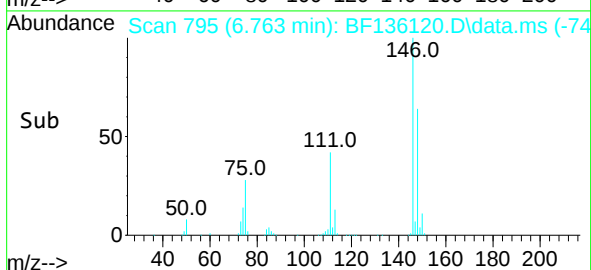
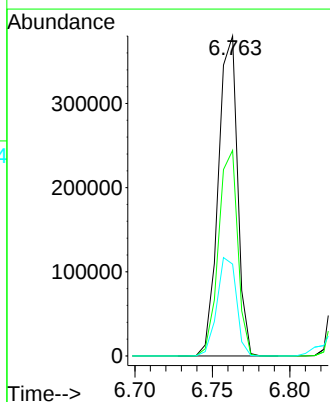
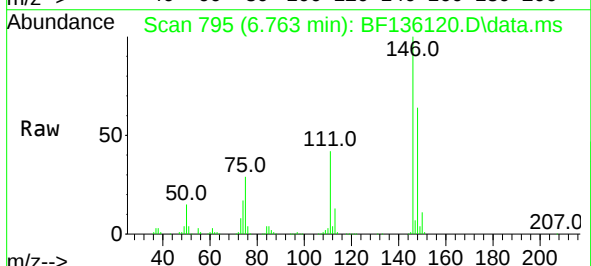
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 44.039 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Tgt Ion:146 Resp: 328205
Ion Ratio Lower Upper
146 100
148 64.2 52.6 78.8
75 28.7 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 44.967 ng

RT: 6.840 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB156798BS

Tgt Ion:146 Resp: 33584

Ion Ratio Lower Upper

146 100

148 63.8 52.1 78.1

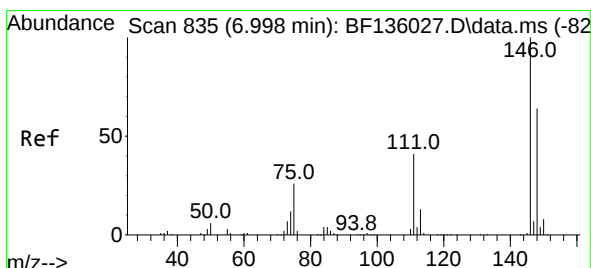
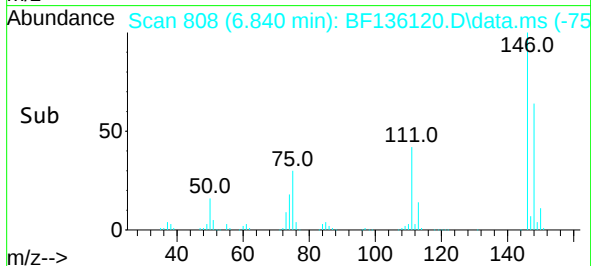
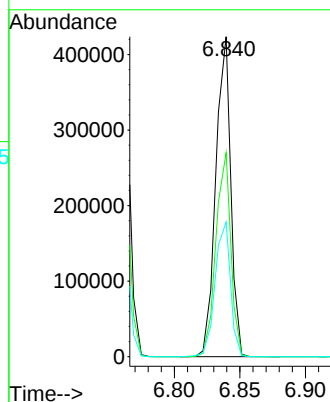
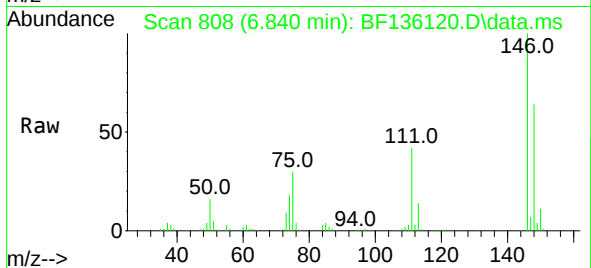
111 42.1 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#14

1,2-Dichlorobenzene

Concen: 45.257 ng

RT: 6.987 min Scan# 833

Delta R.T. -0.012 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

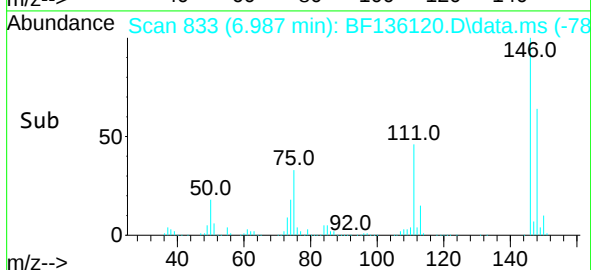
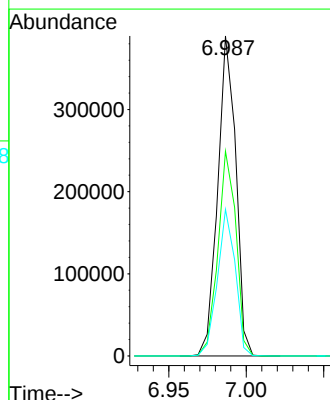
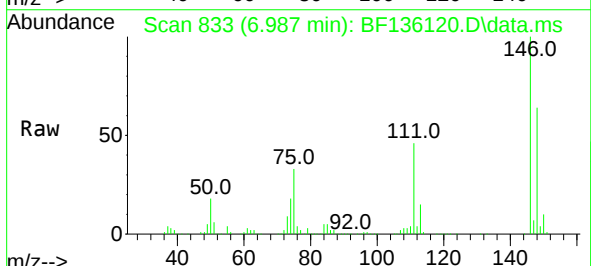
Tgt Ion:146 Resp: 316059

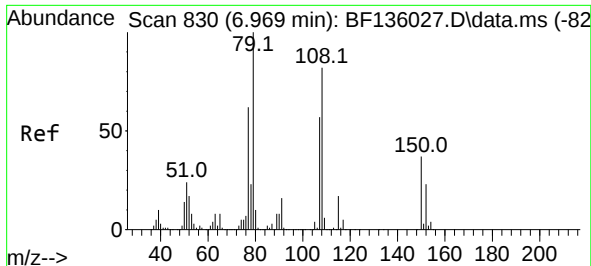
Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.2

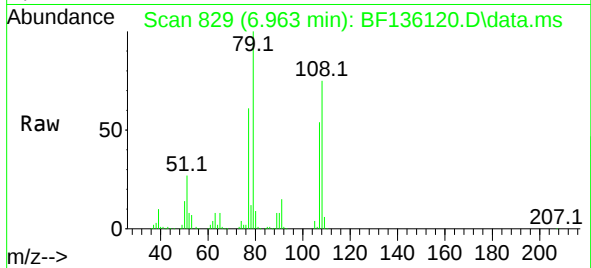
111 45.8 33.0 49.4





#15
Benzyl Alcohol
Concen: 44.256 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

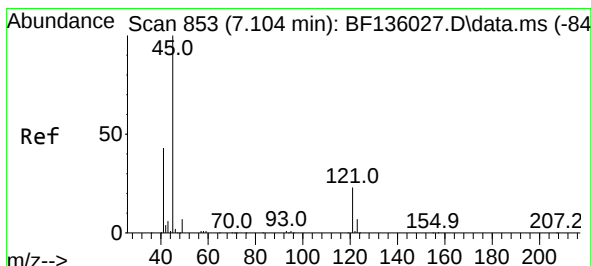
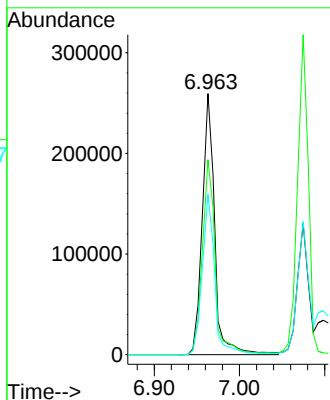
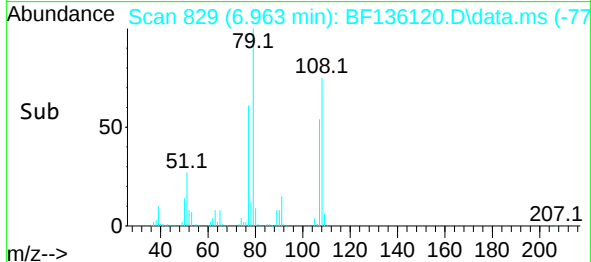
Instrument :
BNA_F
ClientSampleId :
PB156798BS



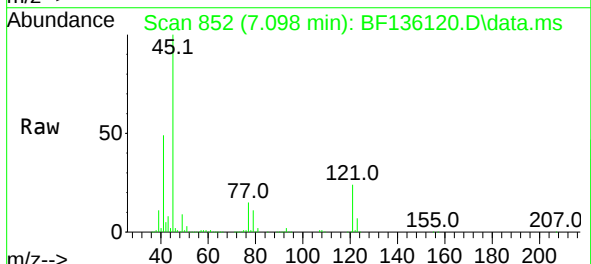
Tgt Ion: 79 Resp: 26185
Ion Ratio Lower Upper
79 100
108 74.7 65.9 98.9
77 61.4 49.4 74.2

Manual Integrations
APPROVED

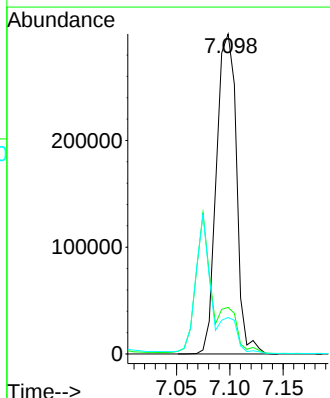
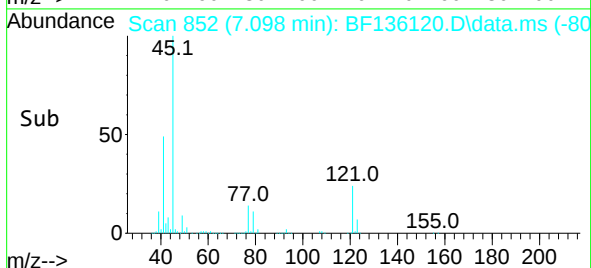
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

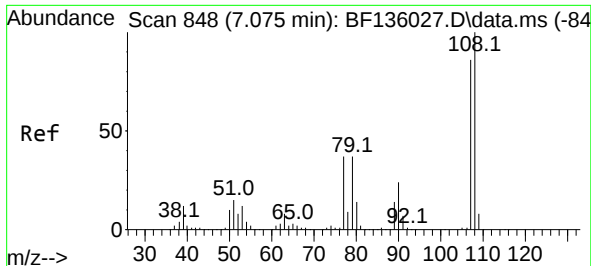


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.893 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57



Tgt Ion: 45 Resp: 389626
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.6
79 11.4 0.0 30.6





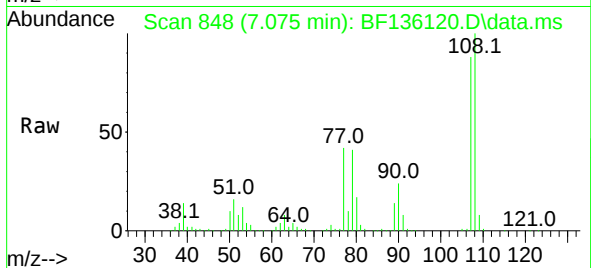
#17
2-Methylphenol
Concen: 40.218 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB156798BS

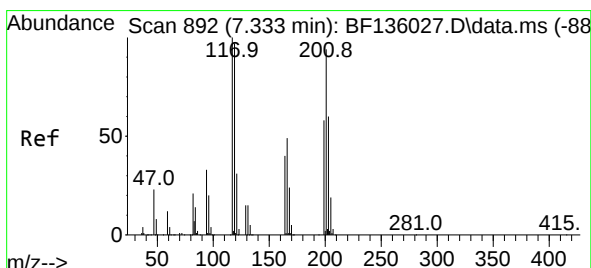
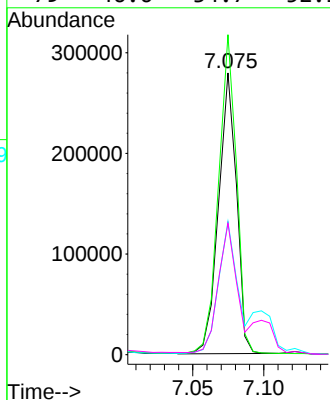
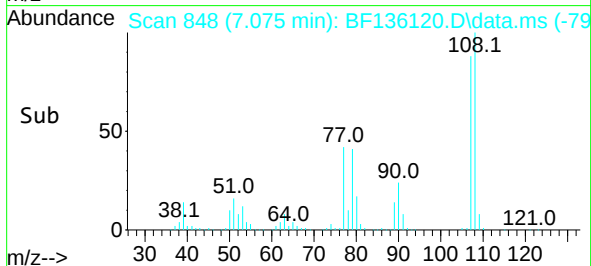


Tgt Ion:107 Resp: 24430
Ion Ratio Lower Upper
107 100
108 113.6 93.4 140.2
77 47.2 34.4 51.6
79 46.6 34.7 52.1

Manual Integrations

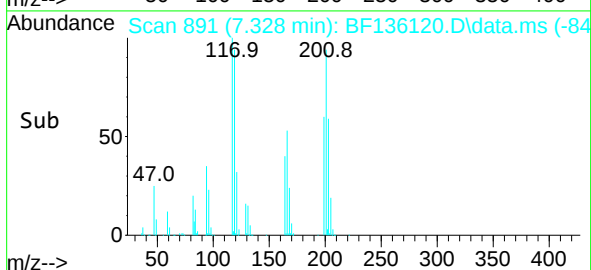
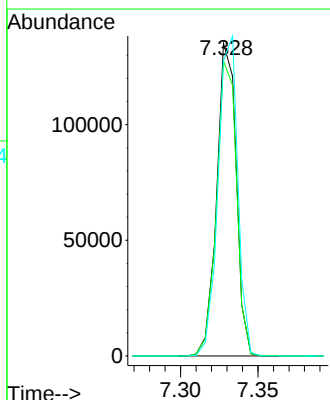
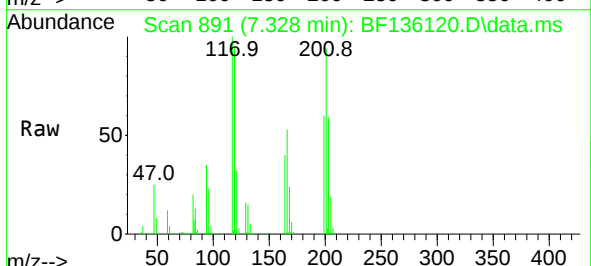
APPROVED

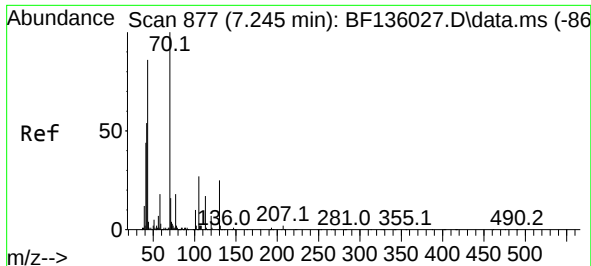
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#18
Hexachloroethane
Concen: 45.089 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Tgt Ion:117 Resp: 118361
Ion Ratio Lower Upper
117 100
119 94.3 77.7 116.5
201 94.3 75.0 112.6





#19
n-Nitroso-di-n-propylamine
Concen: 42.066 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

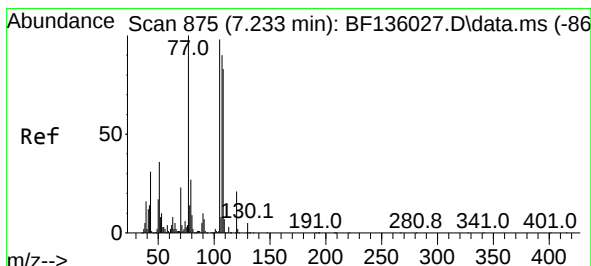
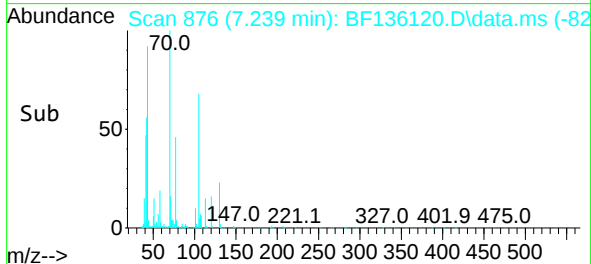
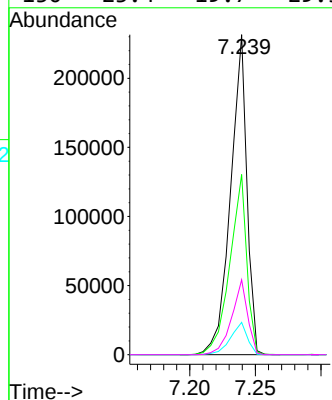
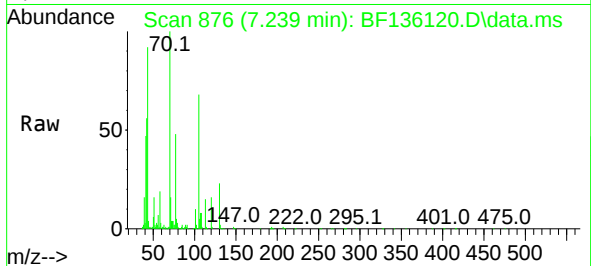
ClientSampleId :

PB156798BS

Tgt Ion: 70 Resp: 200569
Ion Ratio Lower Upper
70 100
42 56.3 43.0 64.4
101 10.1 8.0 12.0
130 23.4 19.7 29.5

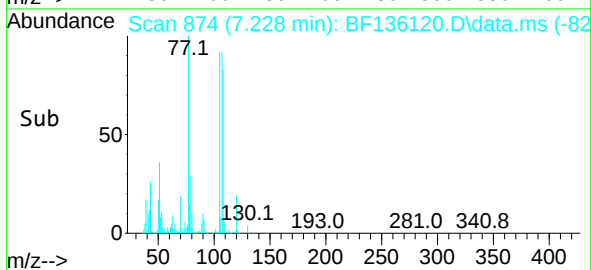
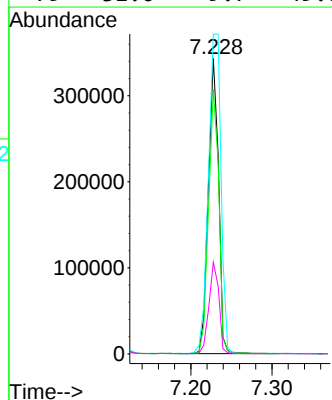
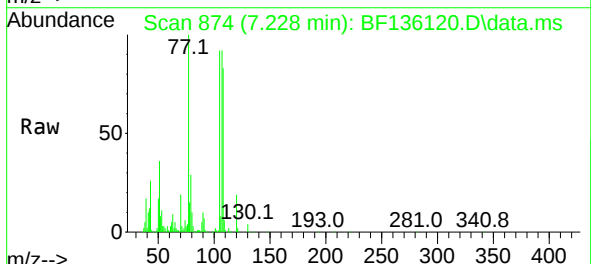
Manual Integrations
APPROVED

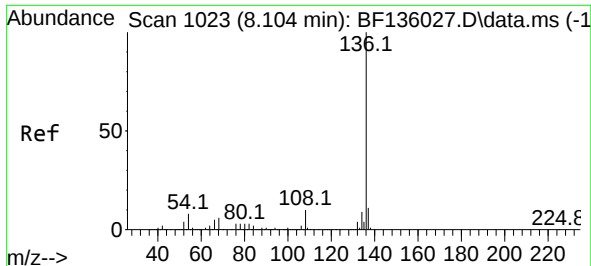
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#20
3+4-Methylphenols
Concen: 40.335 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Tgt Ion:107 Resp: 298767
Ion Ratio Lower Upper
107 100
108 89.5 72.3 112.3
77 108.3 91.4 131.4
79 31.0 9.7 49.7





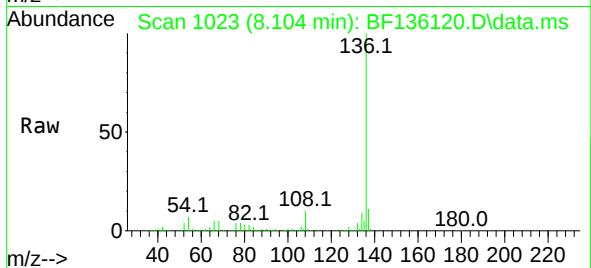
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB156798BS

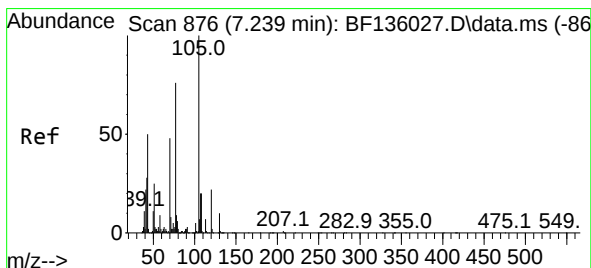
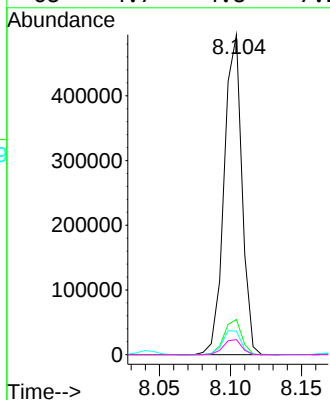
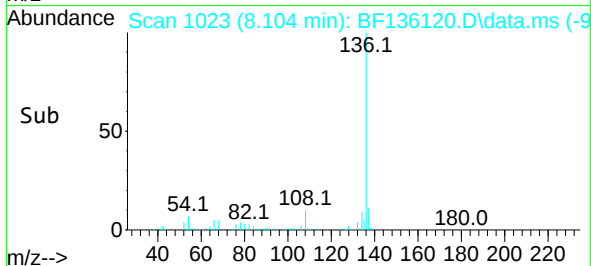


Tgt Ion:136 Resp: 430190
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.3 6.6 9.8
68 4.7 4.8 7.2#

Manual Integrations

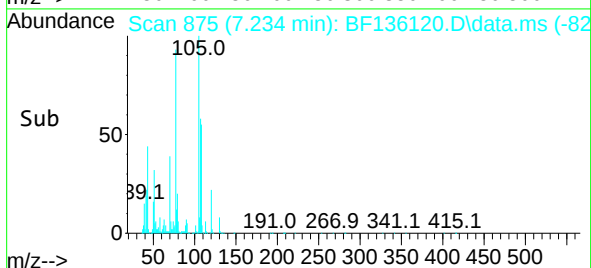
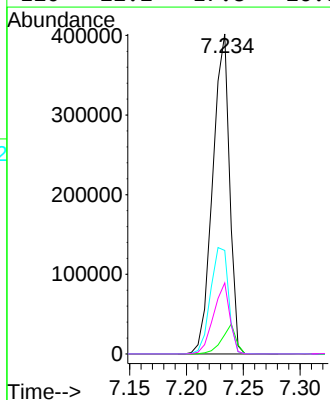
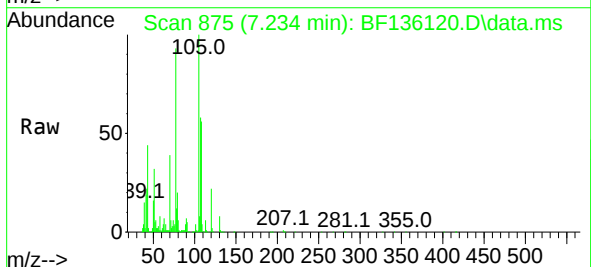
APPROVED

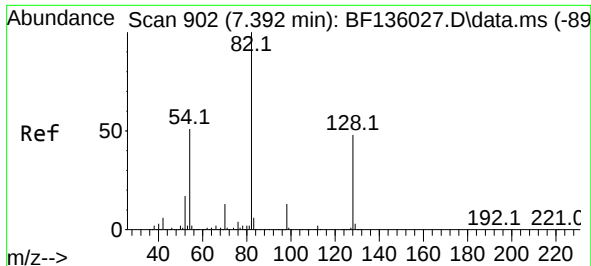
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#22
Acetophenone
Concen: 43.416 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Tgt Ion:105 Resp: 414160
Ion Ratio Lower Upper
105 100
71 6.1 6.5 9.7#
51 32.4 20.3 30.5#
120 22.2 17.8 26.8





#23

Nitrobenzene-d5

Concen: 84.690 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136120.D

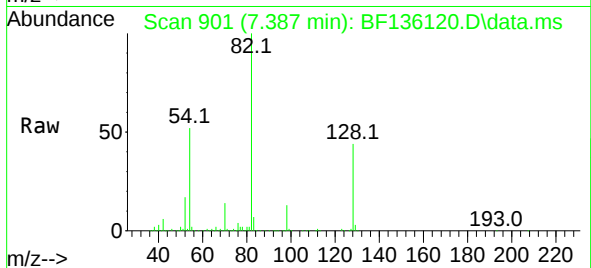
Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB156798BS

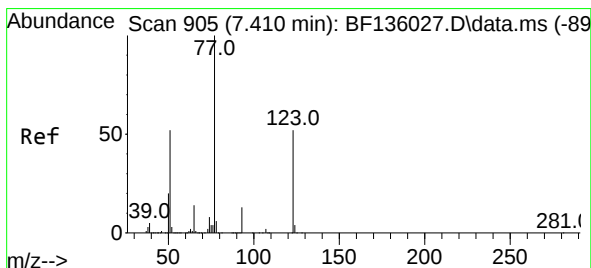
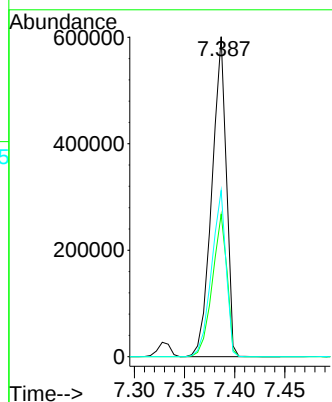


Tgt Ion: 82 Resp: 604374

Ion	Ratio	Lower	Upper
82	100		
128	44.5	38.6	57.8
54	52.0	40.8	61.2

Manual Integrations
APPROVED

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



#24

Nitrobenzene

Concen: 42.734 ng

RT: 7.404 min Scan# 904

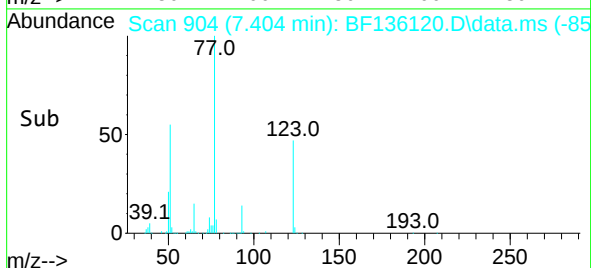
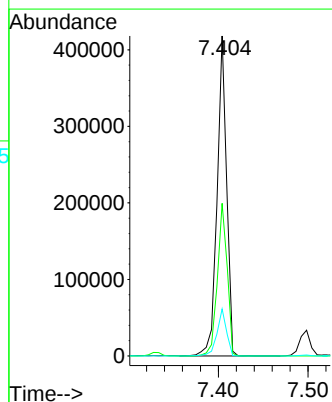
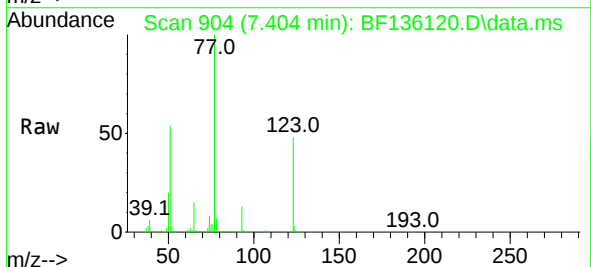
Delta R.T. -0.006 min

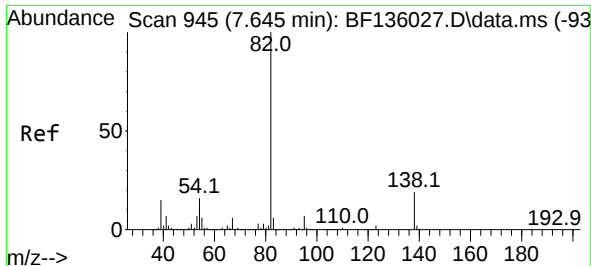
Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Tgt Ion: 77 Resp: 308480

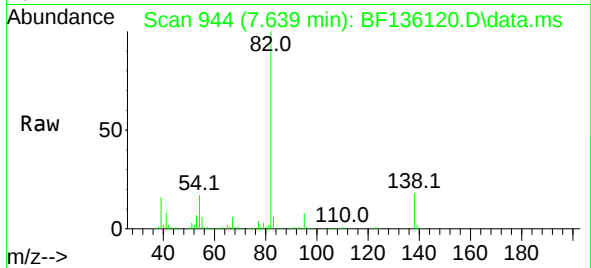
Ion	Ratio	Lower	Upper
77	100		
123	47.7	42.3	63.5
65	14.7	11.0	16.6





#25
Isophorone
Concen: 42.056 ng
RT: 7.639 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

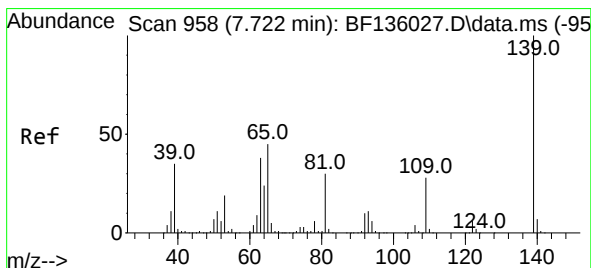
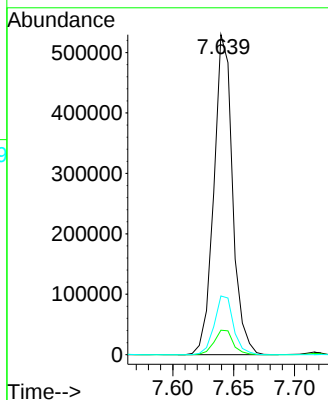
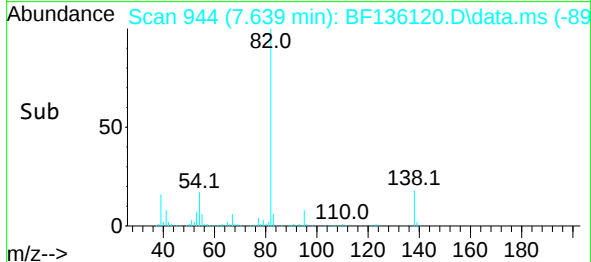
Instrument :
BNA_F
Client SampleId :
PB156798BS



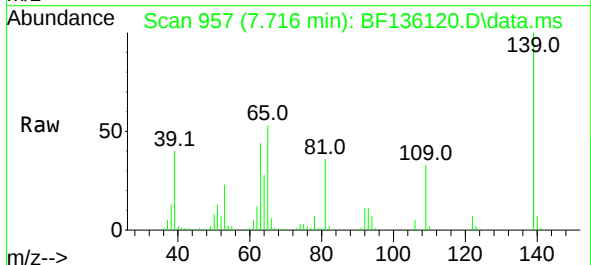
Tgt Ion: 82 Resp: 566599
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 18.4 15.3 22.9

Manual Integrations
APPROVED

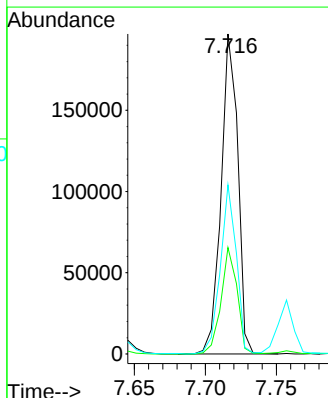
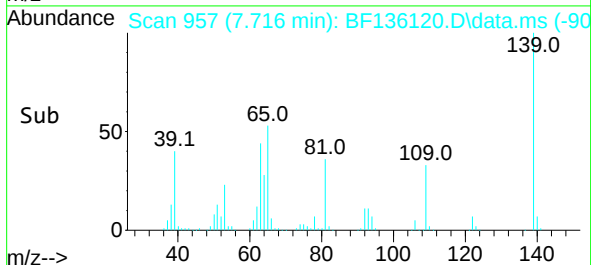
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

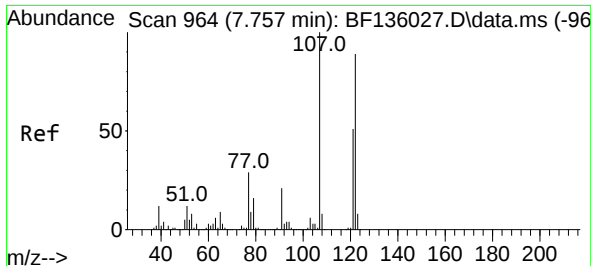


#26
2-Nitrophenol
Concen: 48.807 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57



Tgt Ion:139 Resp: 160743
Ion Ratio Lower Upper
139 100
109 33.3 22.6 34.0
65 52.8 36.3 54.5





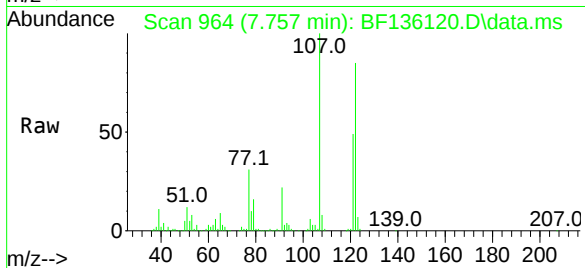
#27
2,4-Dimethylphenol
Concen: 40.132 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB156798BS



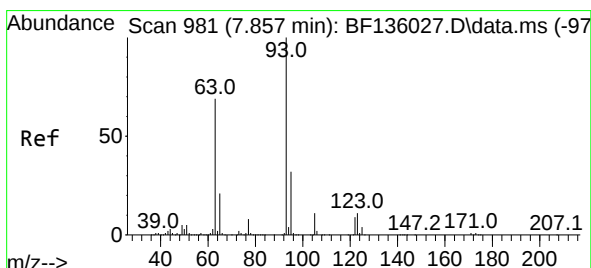
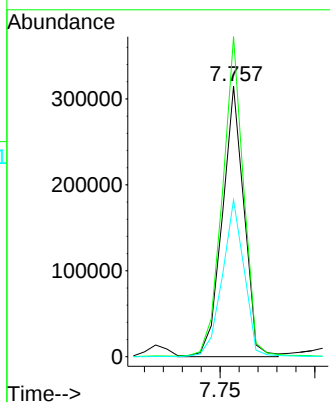
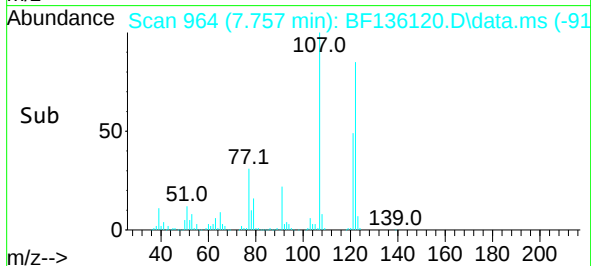
Tgt Ion:122 Resp: 249768
Ion Ratio Lower Upper
122 100
107 118.3 89.6 134.4
121 58.0 46.0 69.0

Manual Integrations

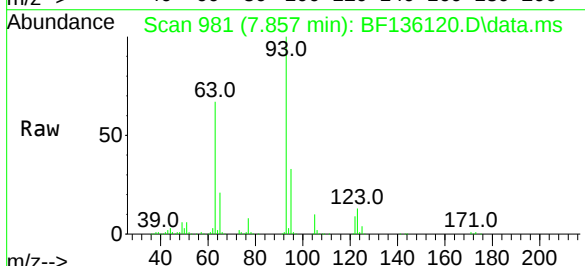
APPROVED

Reviewed By :Yogesh Patel 11/04/2023

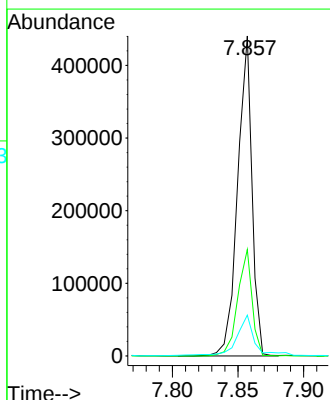
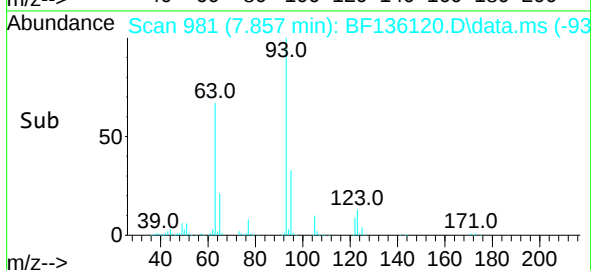
Supervised By :mohammad ahmed 11/04/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.777 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57



Tgt Ion: 93 Resp: 336603
Ion Ratio Lower Upper
93 100
95 33.2 25.7 38.5
123 12.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.815 ng

RT: 7.957 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

Client Sample Id :

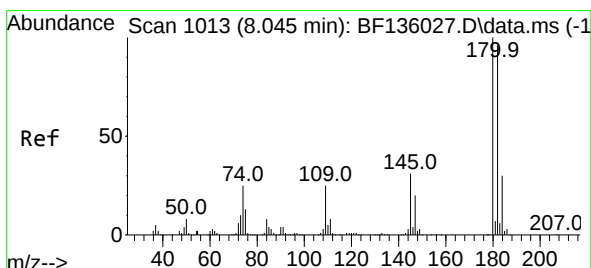
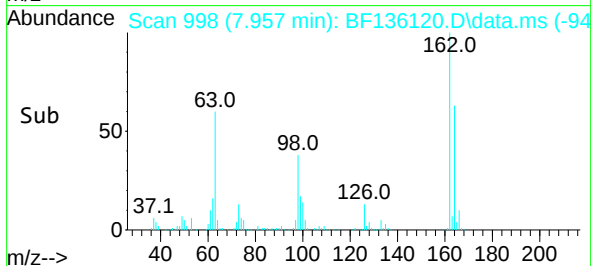
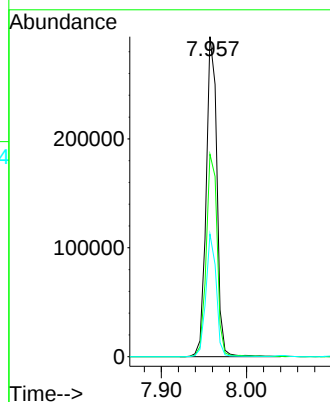
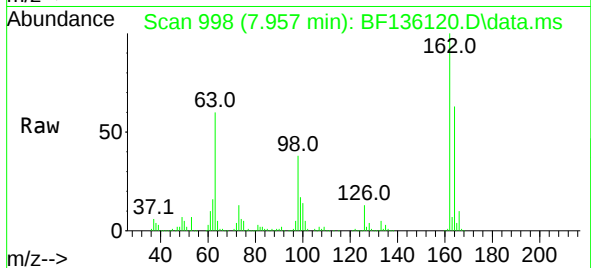
PB156798BS

Tgt Ion:162 Resp: 257061
 Ion Ratio Lower Upper
 162 100
 164 63.3 45.5 85.5
 98 38.3 14.4 54.4

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 43.441 ng

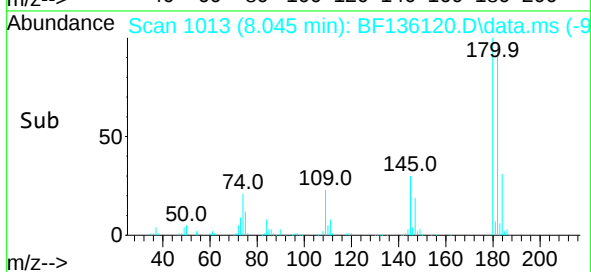
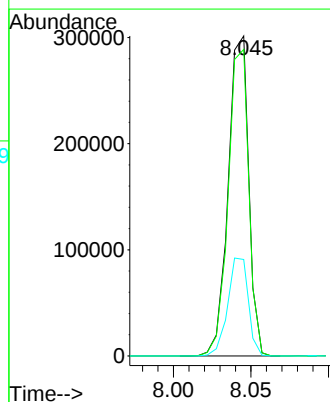
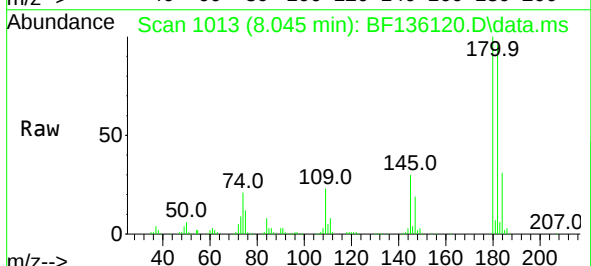
RT: 8.045 min Scan# 1013

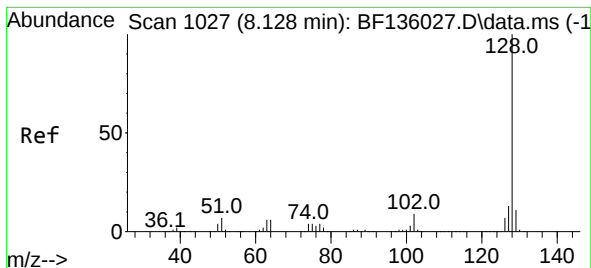
Delta R.T. 0.000 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Tgt Ion:180 Resp: 278036
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.9 115.3
 145 30.2 24.7 37.1





#31

Naphthalene

Concen: 42.002 ng

RT: 8.128 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF136120.D

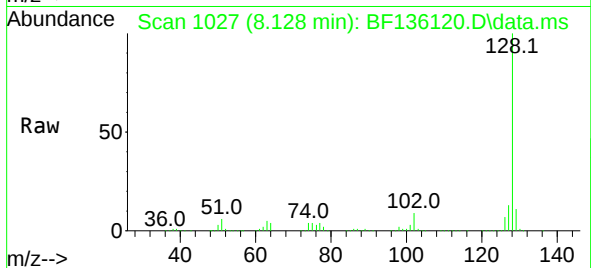
Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB156798BS



Tgt Ion:128 Resp: 871324

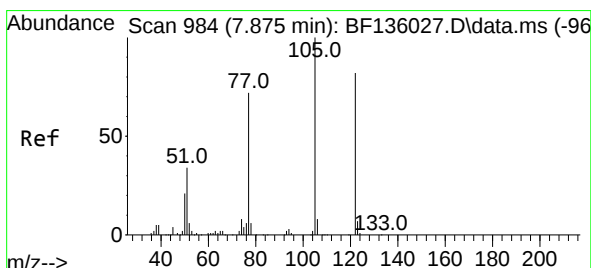
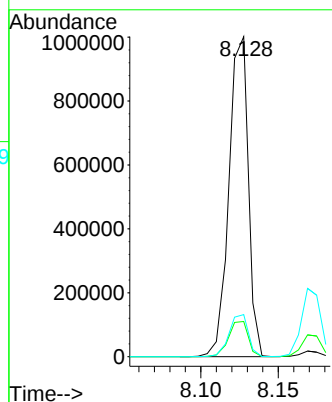
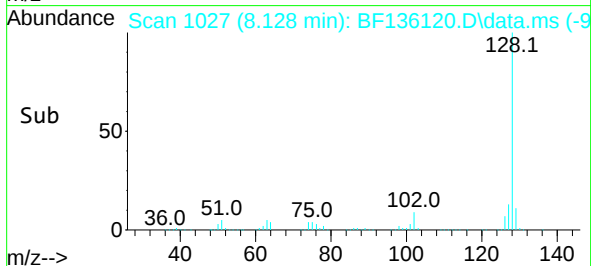
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.2	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#32

Benzoic acid

Concen: 41.623 ng

RT: 7.886 min Scan# 986

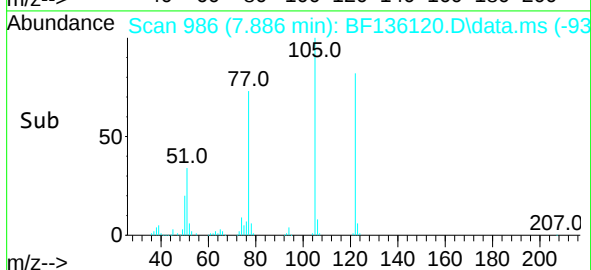
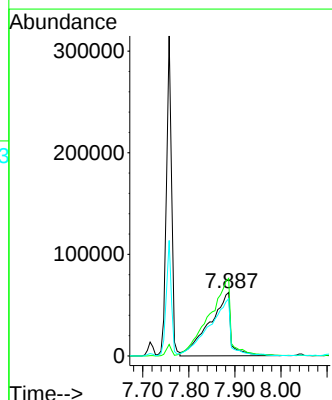
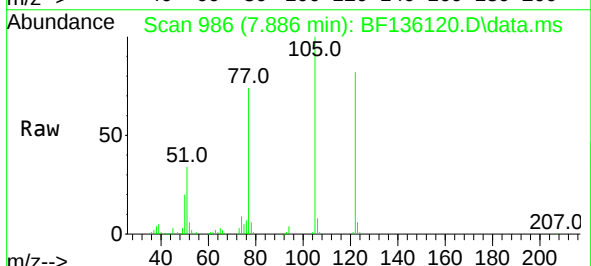
Delta R.T. 0.011 min

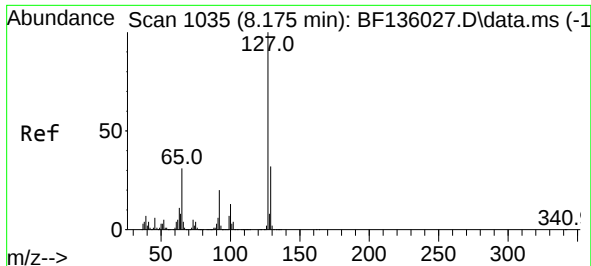
Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Tgt Ion:122 Resp: 203724

Ion	Ratio	Lower	Upper
122	100		
105	122.2	99.5	139.5
77	90.1	66.8	106.8





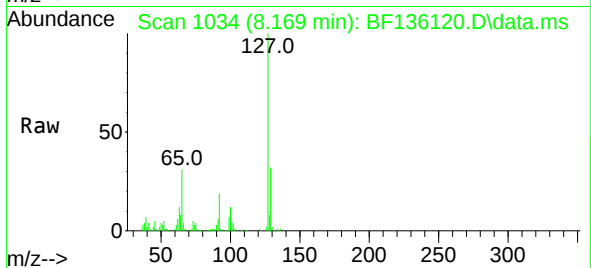
#33
4-Chloroaniline
Concen: 20.974 ng
RT: 8.169 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB156798BS

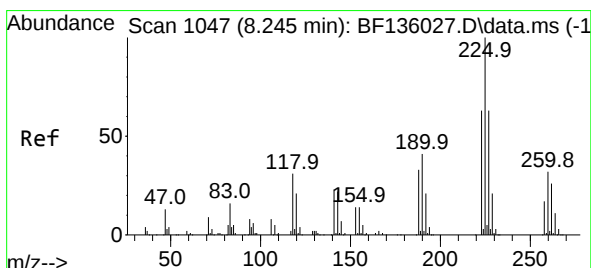
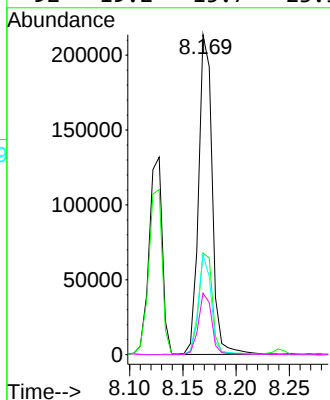
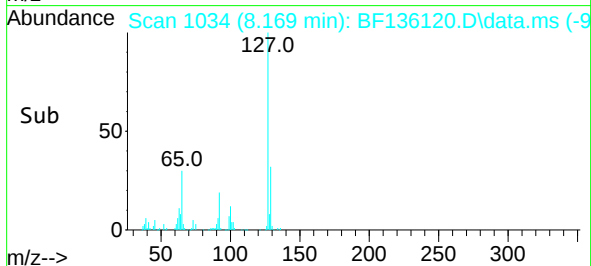


Tgt Ion:127 Resp: 190544
Ion Ratio Lower Upper
127 100
129 31.8 25.9 38.9
65 31.3 24.6 37.0
92 19.2 15.7 23.5

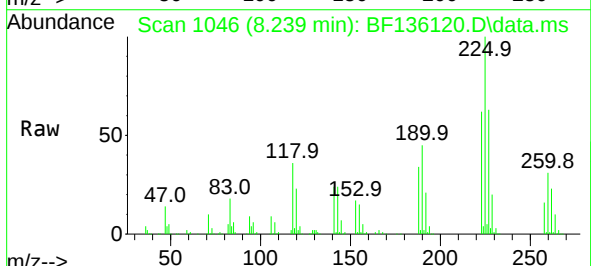
Manual Integrations

APPROVED

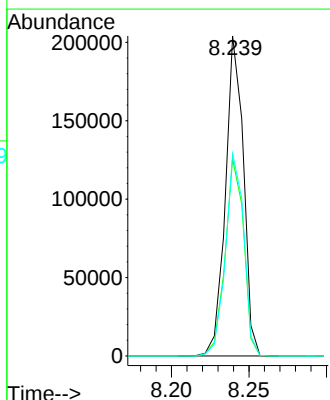
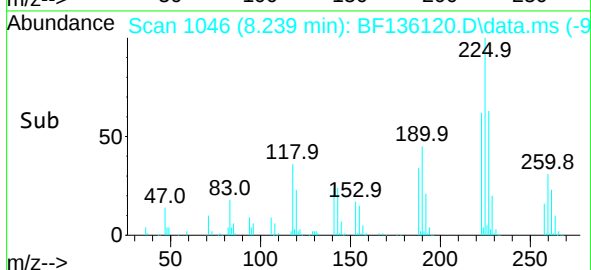
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#34
Hexachlorobutadiene
Concen: 44.760 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57



Tgt Ion:225 Resp: 164290
Ion Ratio Lower Upper
225 100
223 61.5 50.3 75.5
227 63.3 50.6 75.8





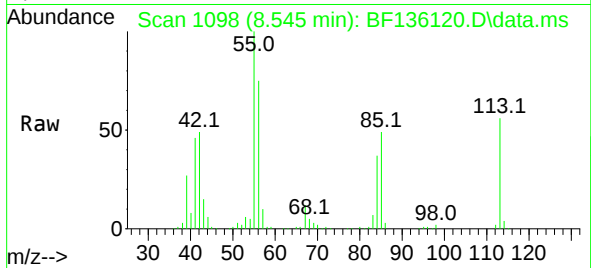
#35
 Caprolactam
 Concen: 43.651 ng m
 RT: 8.545 min Scan# 1098
 Delta R.T. -0.012 min
 Lab File: BF136120.D
 Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB156798BS

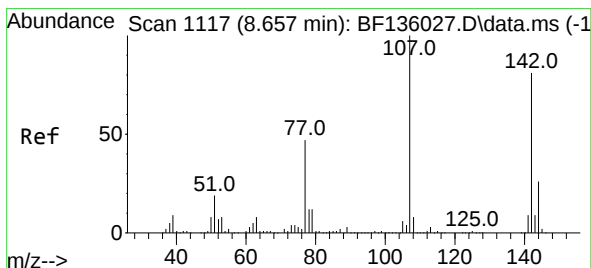
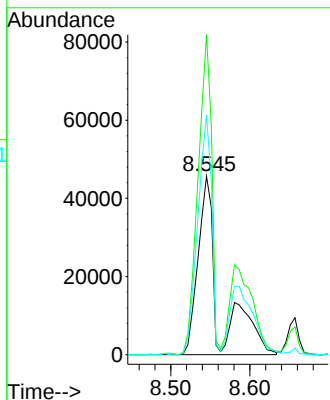
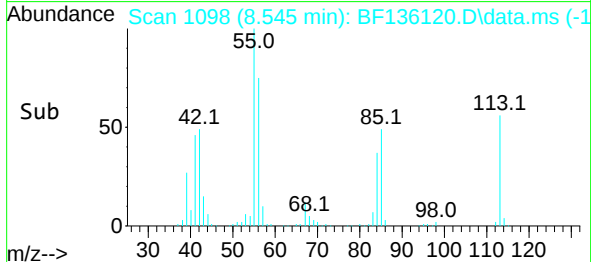


Tgt Ion:113 Resp: 8327
 Ion Ratio Lower Upper
 113 100
 55 179.1 142.2 182.2
 56 134.1 97.7 137.7

Manual Integrations

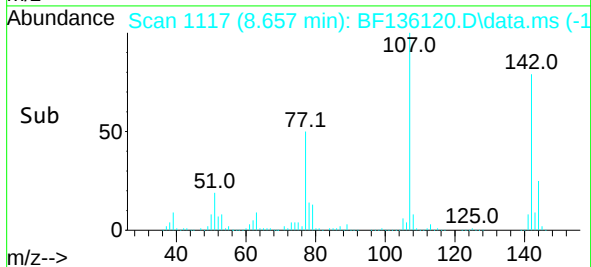
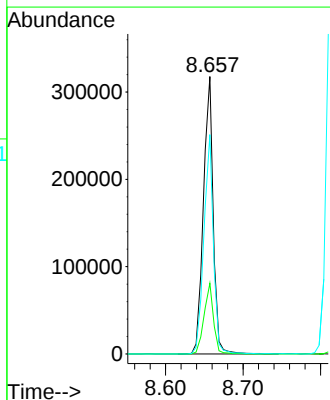
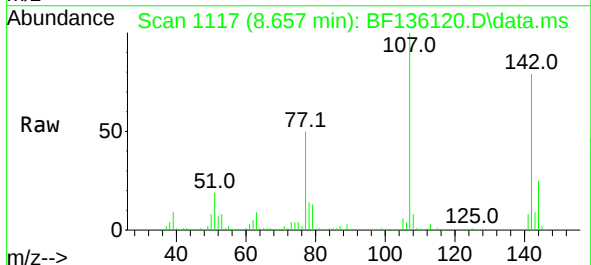
APPROVED

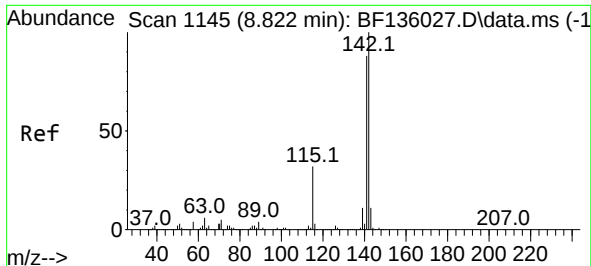
Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023



#36
 4-Chloro-3-methylphenol
 Concen: 45.356 ng
 RT: 8.657 min Scan# 1117
 Delta R.T. 0.000 min
 Lab File: BF136120.D
 Acq: 03 Nov 2023 12:57

Tgt Ion:107 Resp: 279371
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.6 31.0
 142 79.1 64.6 97.0





#37

2-Methylnaphthalene

Concen: 40.681 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB156798BS

Tgt Ion:142 Resp: 565870

Ion Ratio Lower Upper

142 100

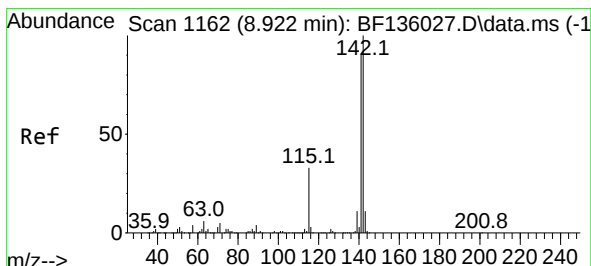
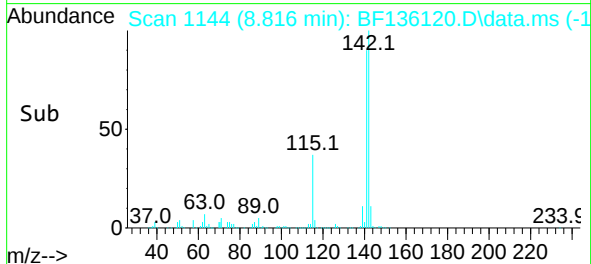
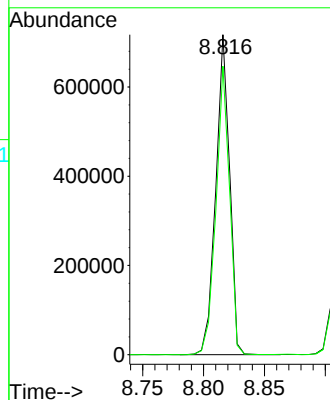
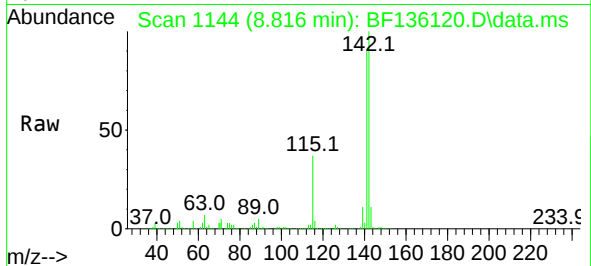
141 90.1 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#38

1-Methylnaphthalene

Concen: 41.596 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF136120.D

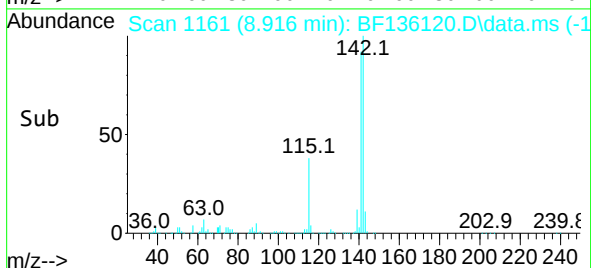
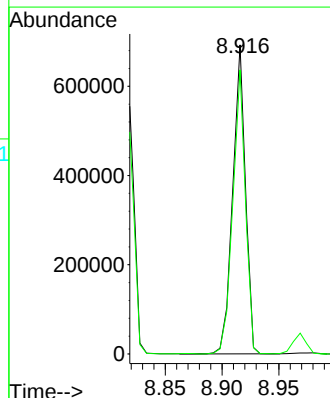
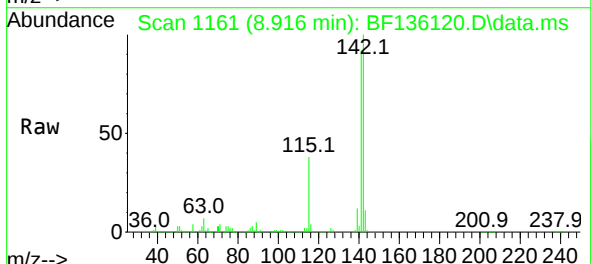
Acq: 03 Nov 2023 12:57

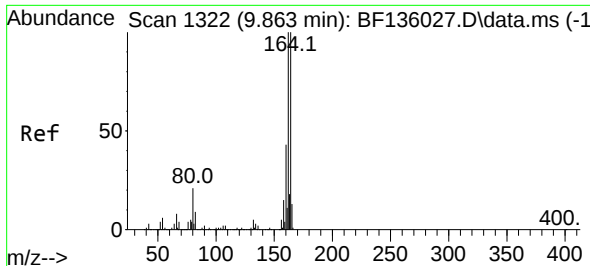
Tgt Ion:142 Resp: 538448

Ion Ratio Lower Upper

142 100

141 91.9 72.6 109.0





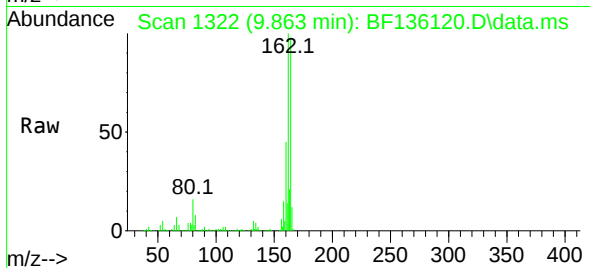
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB156798BS



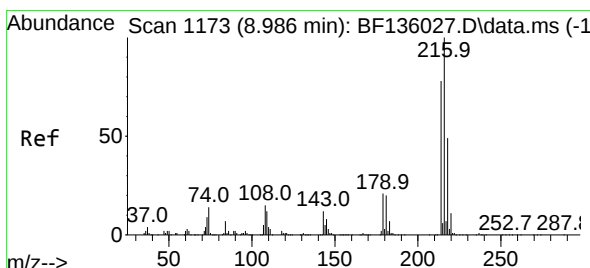
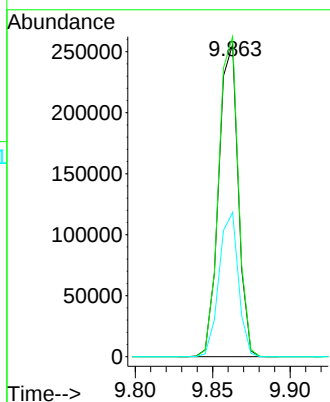
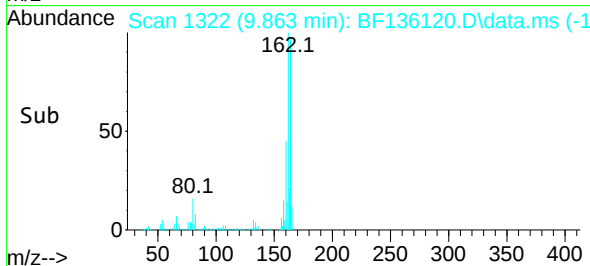
Tgt Ion:164 Resp: 224764
Ion Ratio Lower Upper
164 100
162 102.5 80.1 120.1
160 46.2 34.8 52.2

Manual Integrations

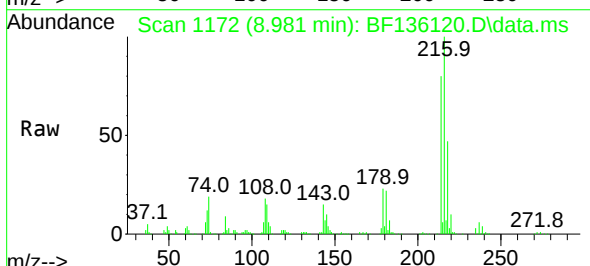
APPROVED

Reviewed By :Yogesh Patel 11/04/2023

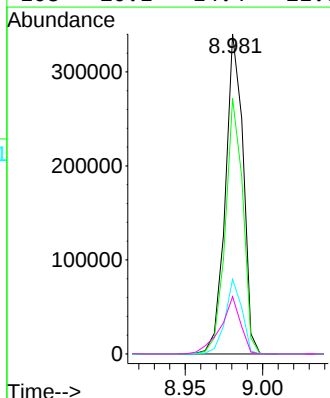
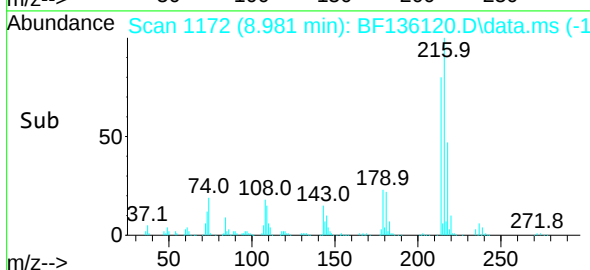
Supervised By :mohammad ahmed 11/04/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.160 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57



Tgt Ion:216 Resp: 270246
Ion Ratio Lower Upper
216 100
214 78.3 63.8 95.6
179 22.0 17.5 26.3
108 20.1 14.4 21.6





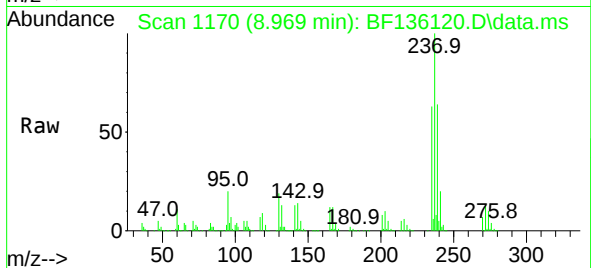
#41
Hexachlorocyclopentadiene
Concen: 86.188 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB156798BS

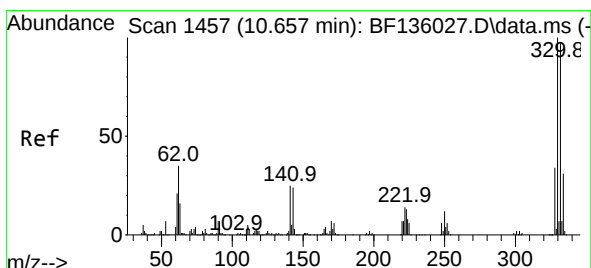
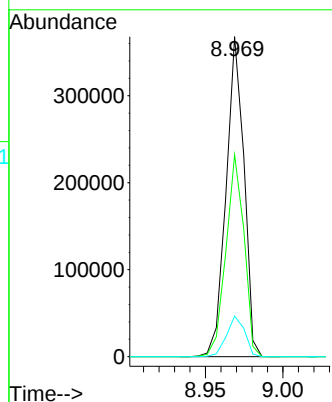
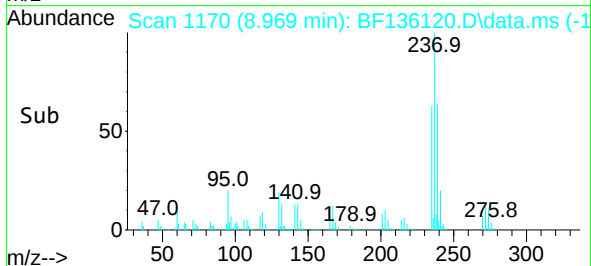


Tgt Ion:237 Resp: 29515
Ion Ratio Lower Upper
237 100
235 63.1 43.3 83.3
272 12.7 0.0 34.2

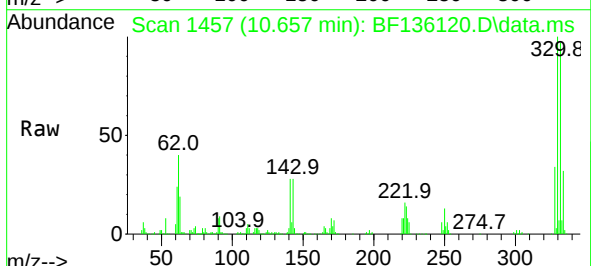
Manual Integrations

APPROVED

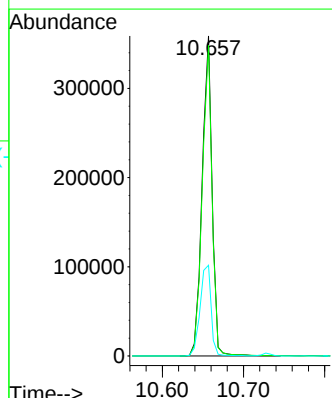
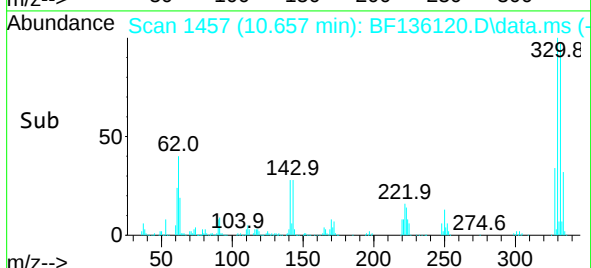
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

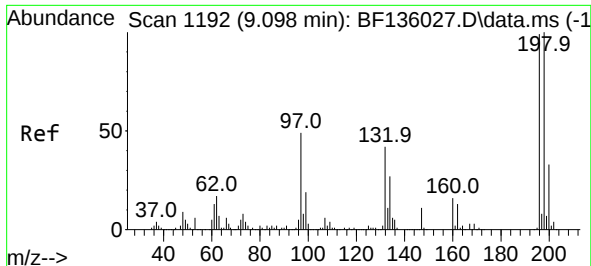


#42
2,4,6-Tribromophenol
Concen: 127.390 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57



Tgt Ion:330 Resp: 305618
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 31.5 23.2 34.8





#43
2,4,6-Trichlorophenol
Concen: 43.519 ng
RT: 9.092 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

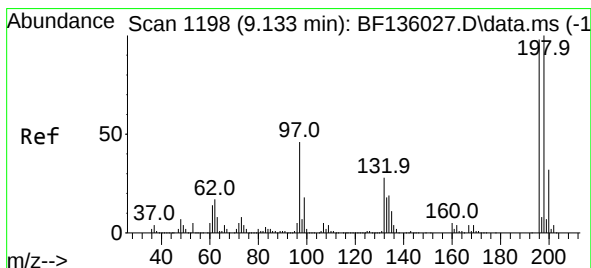
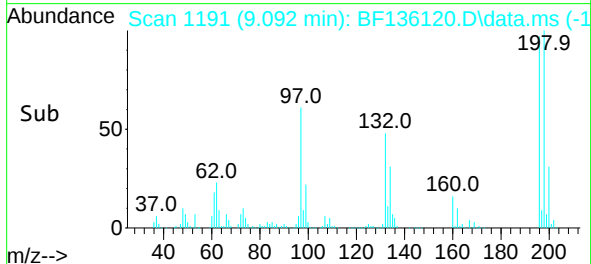
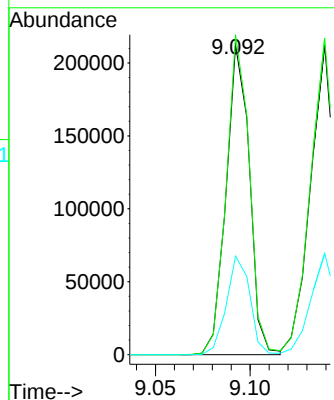
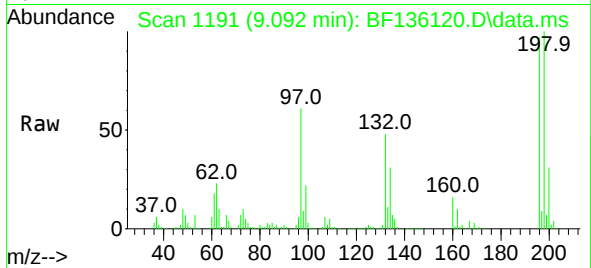
ClientSampleId :

PB156798BS

Tgt Ion:196 Resp: 18188
Ion Ratio Lower Upper
196 100
198 103.3 80.7 121.1
200 31.9 26.8 40.2

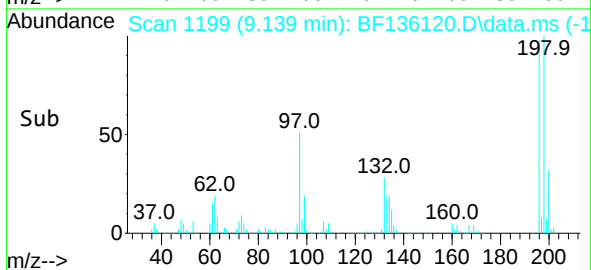
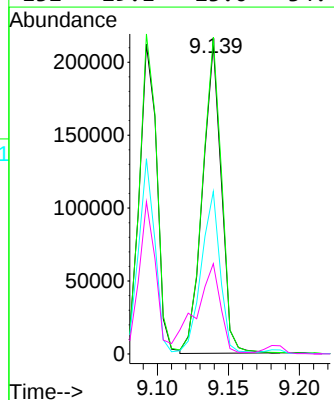
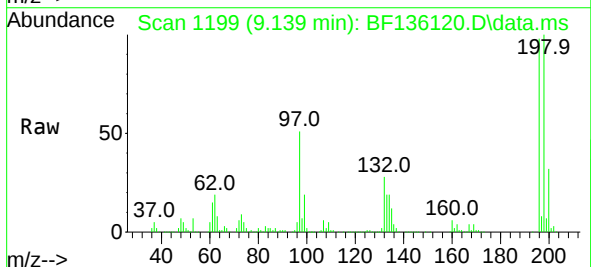
Manual Integrations
APPROVED

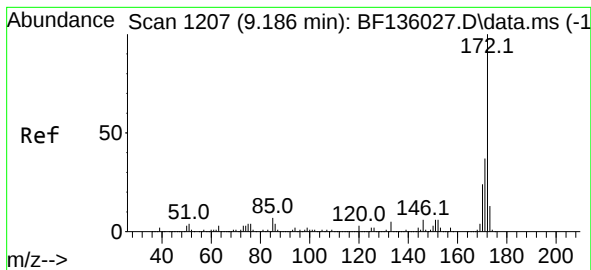
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#44
2,4,5-Trichlorophenol
Concen: 40.380 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Tgt Ion:196 Resp: 195495
Ion Ratio Lower Upper
196 100
198 102.3 81.6 122.4
97 52.5 38.2 57.2
132 29.1 23.0 34.4





#45
2-Fluorobiphenyl
Concen: 80.411 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

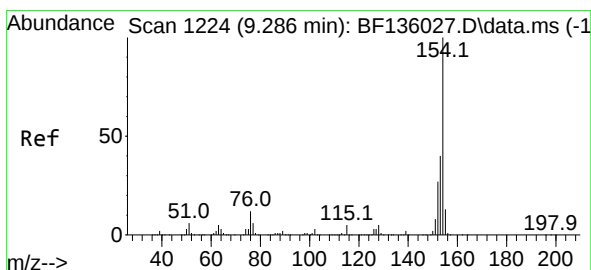
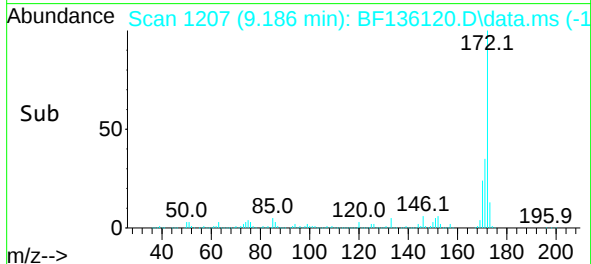
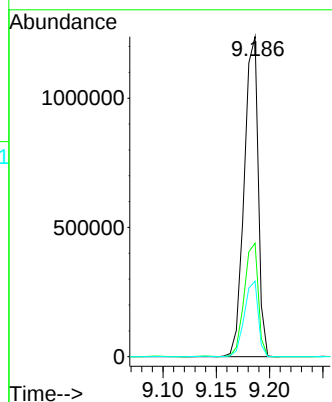
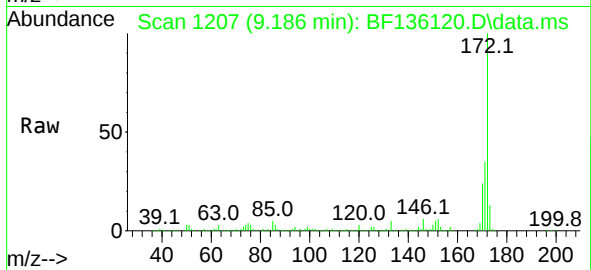
PB156798BS

Tgt Ion:172 Resp: 113377
Ion Ratio Lower Upper
172 100
171 35.4 29.4 44.0
170 23.6 19.3 28.9

Manual Integrations

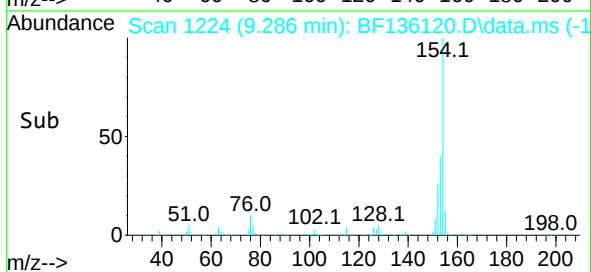
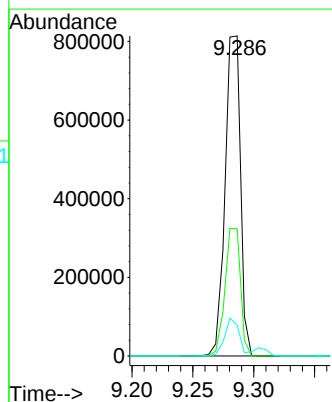
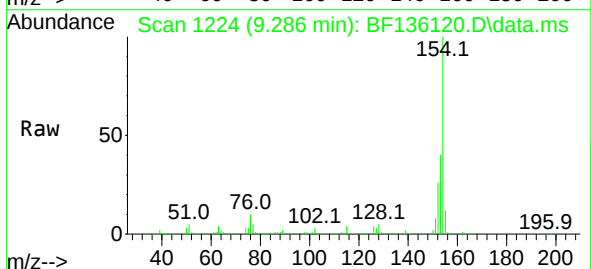
APPROVED

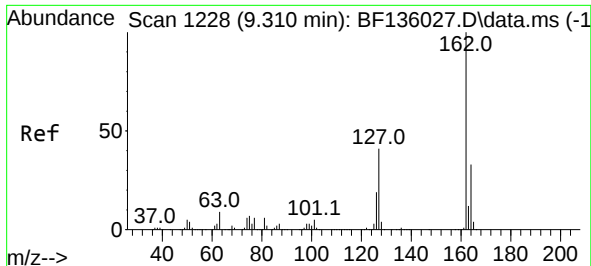
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#46
1,1'-Biphenyl
Concen: 41.853 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Tgt Ion:154 Resp: 717108
Ion Ratio Lower Upper
154 100
153 39.8 20.1 60.1
76 9.6 0.0 32.5





#47
2-Chloronaphthalene
Concen: 43.807 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

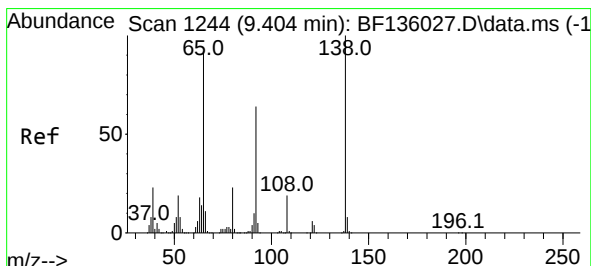
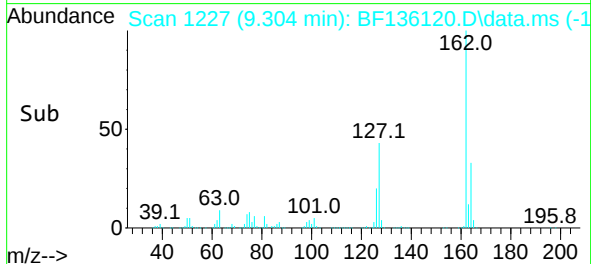
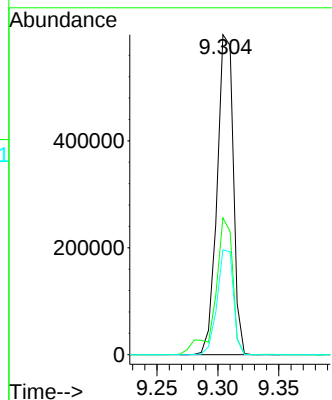
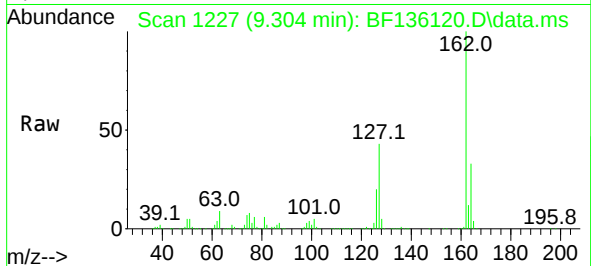
ClientSampleId :

PB156798BS

Tgt Ion:162 Resp: 55333
Ion Ratio Lower Upper
162 100
127 42.8 32.4 48.6
164 32.8 26.7 40.1

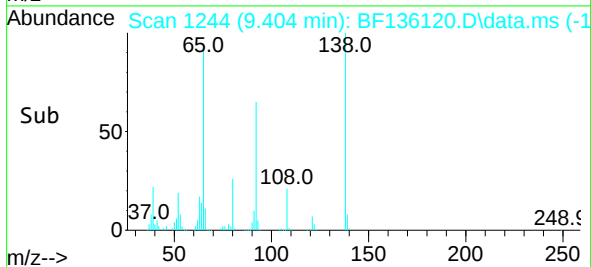
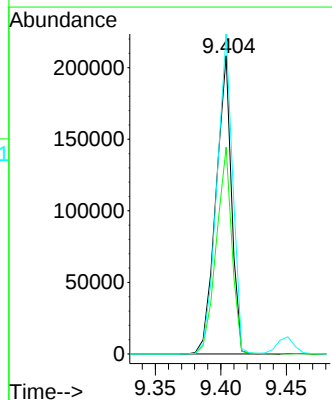
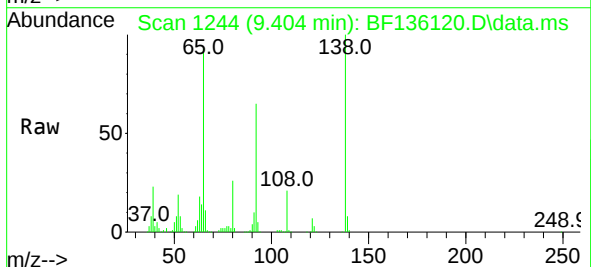
Manual Integrations
APPROVED

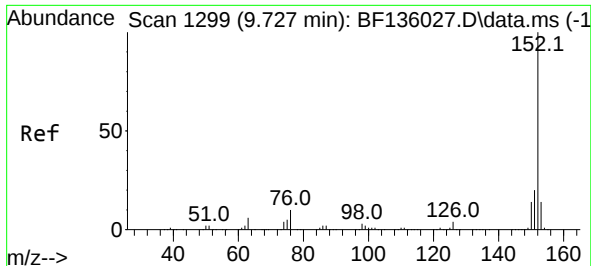
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#48
2-Nitroaniline
Concen: 45.825 ng
RT: 9.404 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

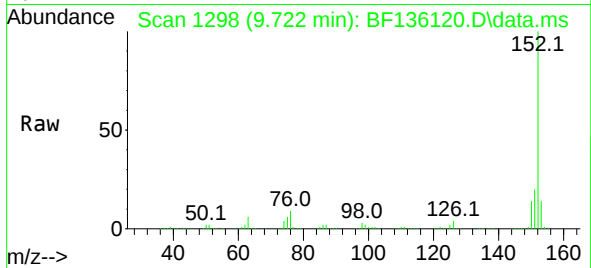
Tgt Ion: 65 Resp: 171301
Ion Ratio Lower Upper
65 100
92 69.3 55.7 83.5
138 107.3 86.8 130.2





#49
Acenaphthylene
Concen: 43.658 ng
RT: 9.722 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

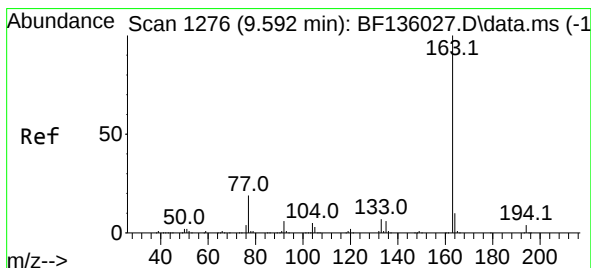
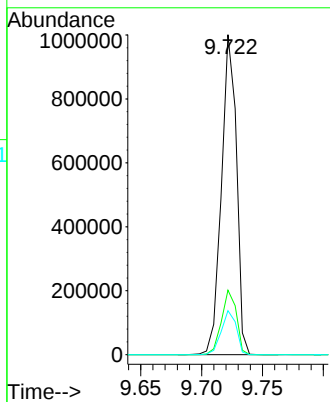
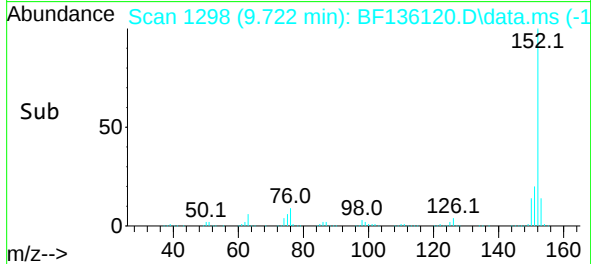
Instrument :
BNA_F
ClientSampleId :
PB156798BS



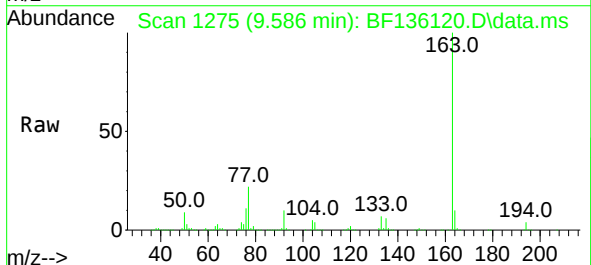
Tgt Ion:152 Resp: 860280
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.8 11.4 17.2

Manual Integrations
APPROVED

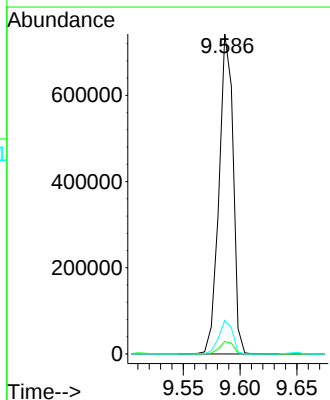
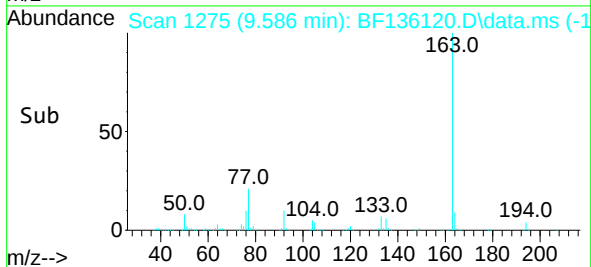
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

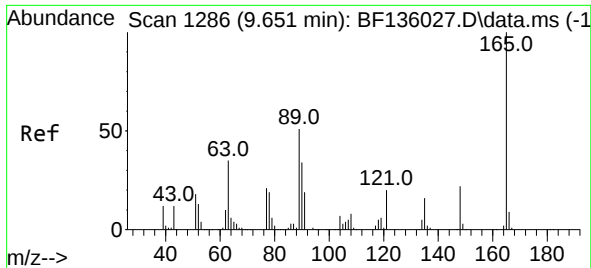


#50
Dimethylphthalate
Concen: 43.301 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57



Tgt Ion:163 Resp: 641972
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.4 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 46.720 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

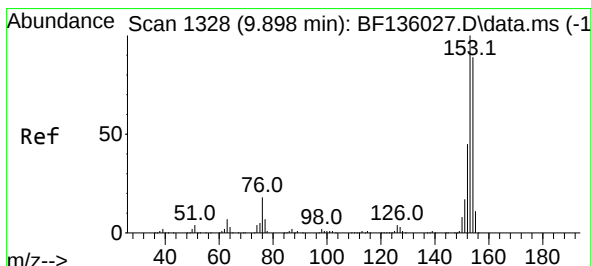
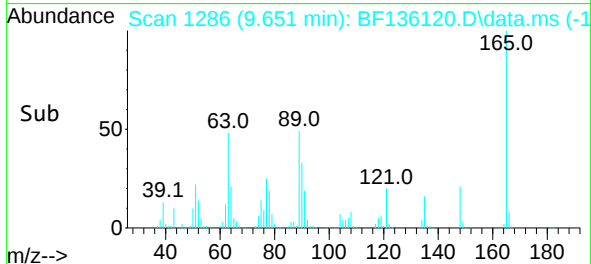
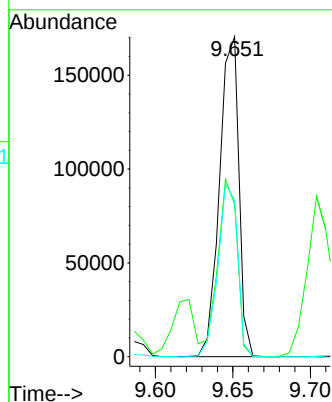
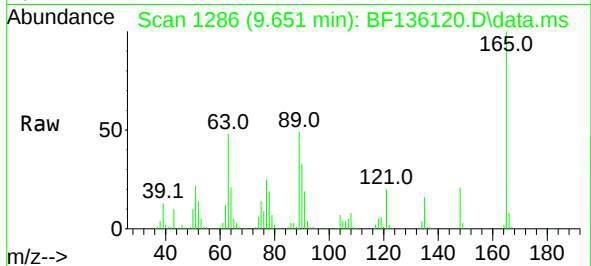
ClientSampleId :

PB156798BS

Tgt Ion:165 Resp: 148140
Ion Ratio Lower Upper
165 100
63 47.6 40.8 61.2
89 49.0 41.1 61.7

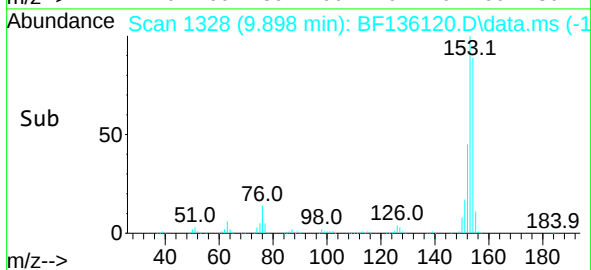
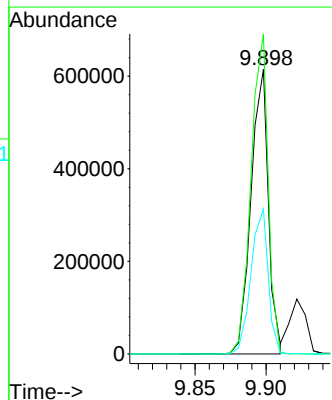
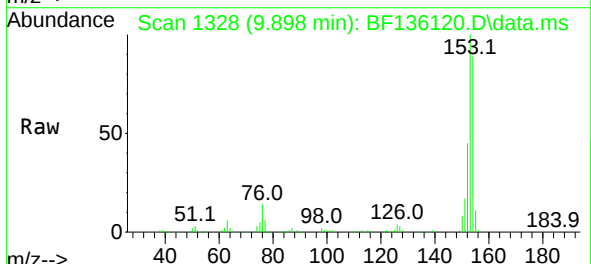
Manual Integrations
APPROVED

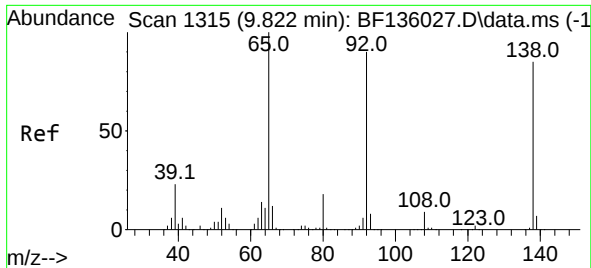
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#52
Acenaphthene
Concen: 41.810 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Tgt Ion:154 Resp: 523738
Ion Ratio Lower Upper
154 100
153 112.4 89.9 134.9
152 50.9 40.2 60.2





#53
3-Nitroaniline
Concen: 32.482 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

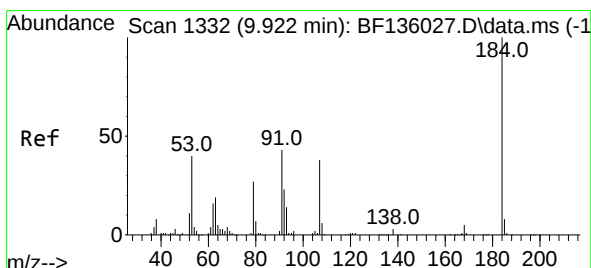
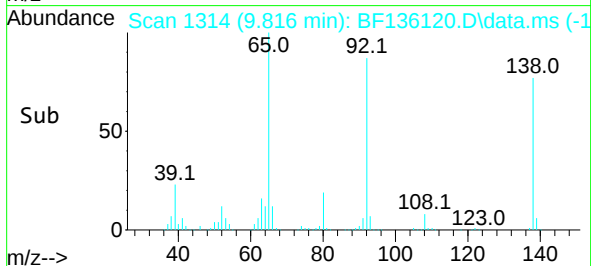
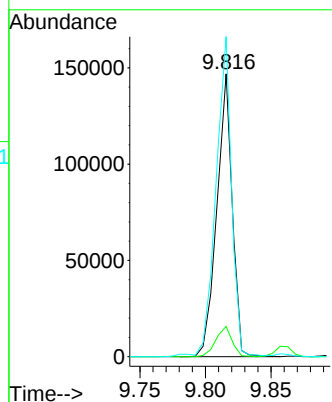
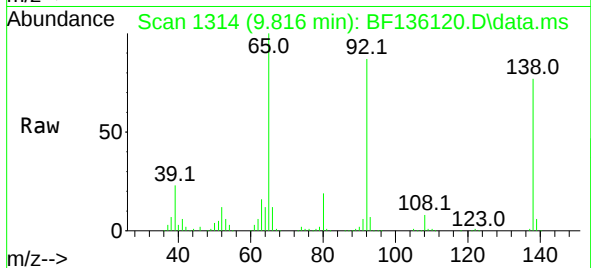
ClientSampleId :

PB156798BS

Tgt Ion:138 Resp: 12018
Ion Ratio Lower Upper
138 100
108 10.7 8.8 13.2
92 113.1 84.6 126.8

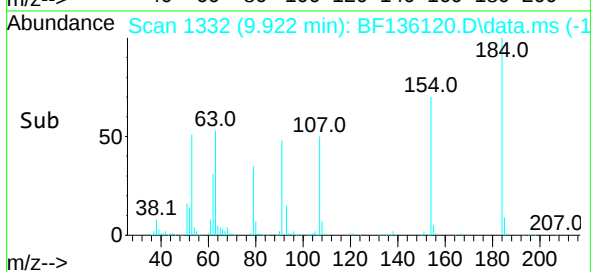
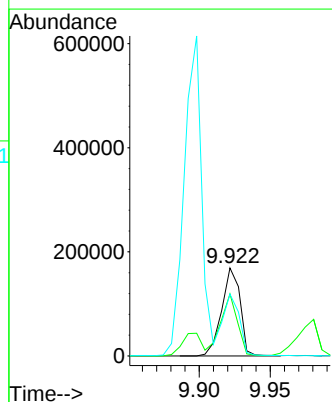
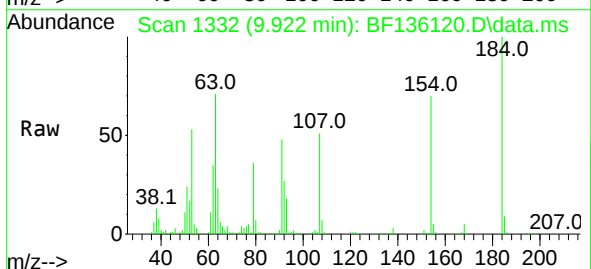
Manual Integrations
APPROVED

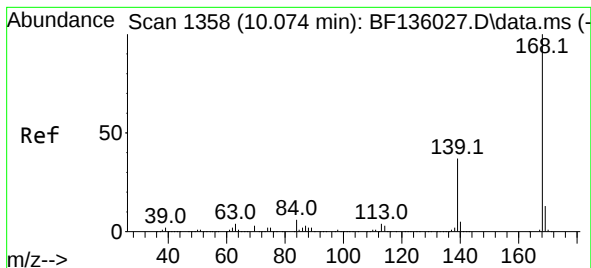
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#54
2,4-Dinitrophenol
Concen: 87.817 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Tgt Ion:184 Resp: 152406
Ion Ratio Lower Upper
184 100
63 70.7 43.7 65.5#
154 70.2 51.2 76.8





#55

Dibenzenofuran

Concen: 42.403 ng

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136120.D

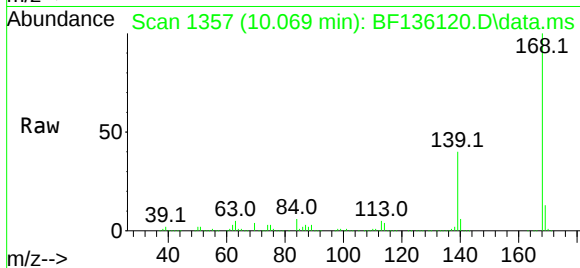
Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB156798BS



Tgt Ion:168 Resp: 77453

Ion Ratio Lower Upper

168 100

139 40.2 29.4 44.0

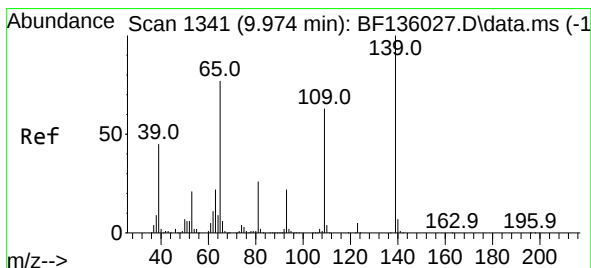
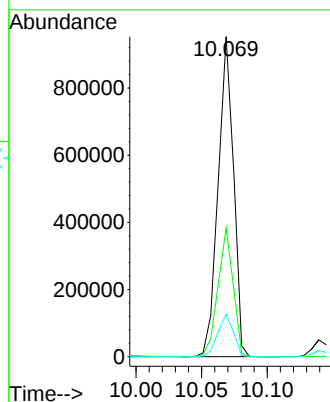
169 13.3 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#56

4-Nitrophenol

Concen: 86.830 ng

RT: 9.980 min Scan# 1342

Delta R.T. 0.006 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

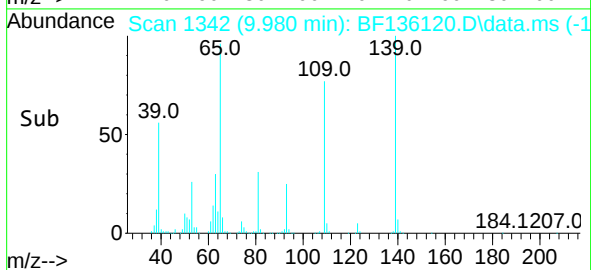
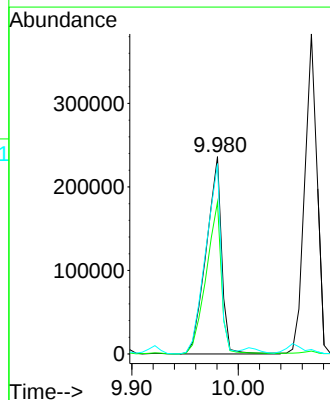
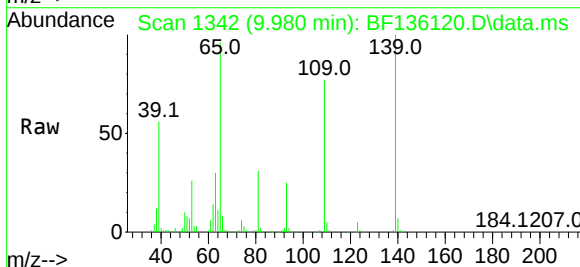
Tgt Ion:139 Resp: 240308

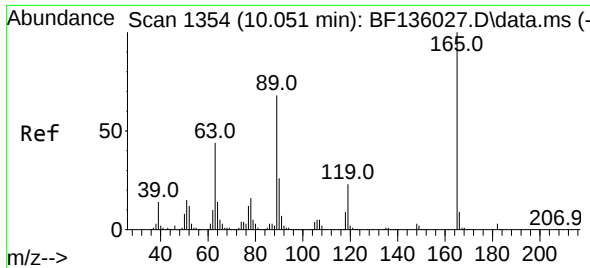
Ion Ratio Lower Upper

139 100

109 76.9 43.2 83.2

65 96.4 57.6 97.6





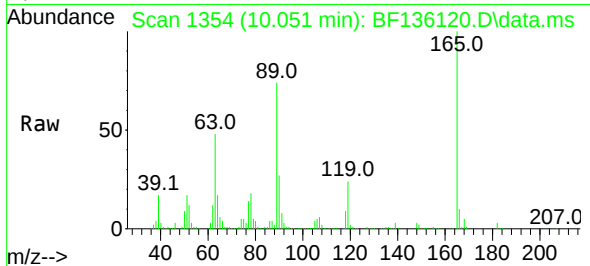
#57
2,4-Dinitrotoluene
Concen: 48.215 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB156798BS

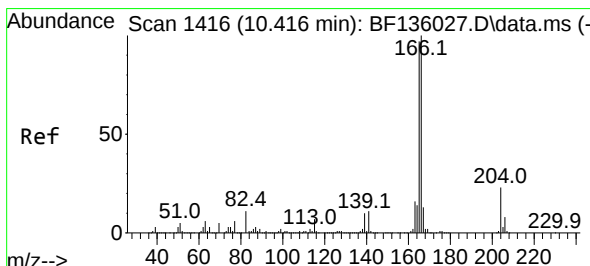
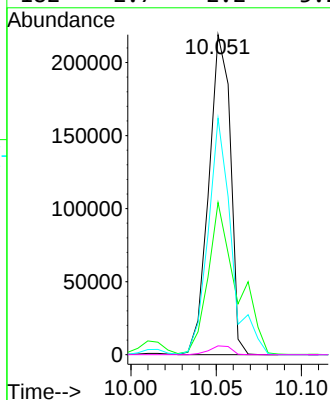
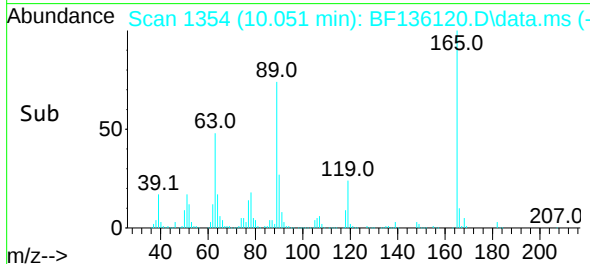


Tgt Ion:165 Resp: 19343
Ion Ratio Lower Upper
165 100
63 47.5 35.2 52.8
89 73.9 54.8 82.2
182 2.7 2.2 3.2

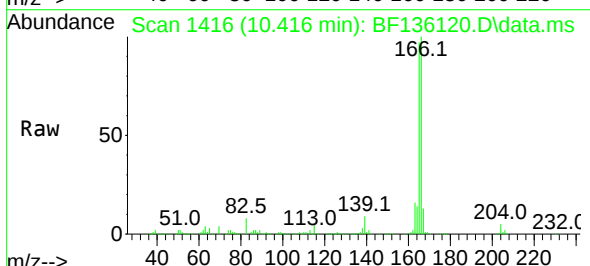
Manual Integrations

APPROVED

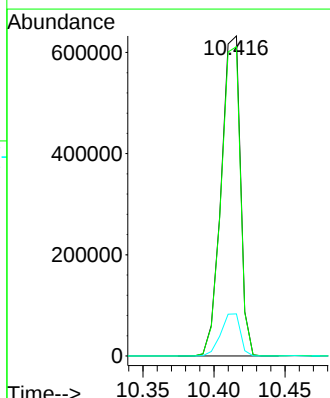
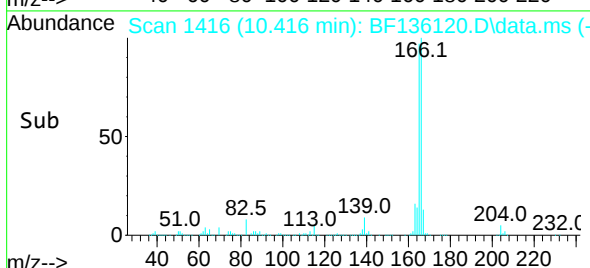
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

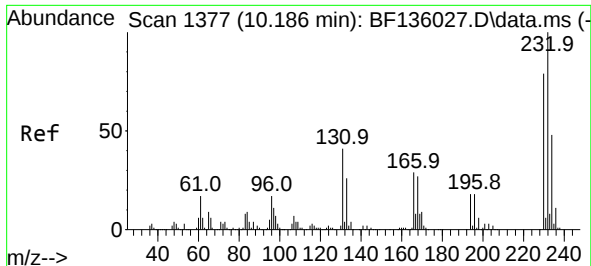


#58
Fluorene
Concen: 43.354 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57



Tgt Ion:166 Resp: 592912
Ion Ratio Lower Upper
166 100
165 96.7 77.7 116.5
167 13.1 10.6 16.0





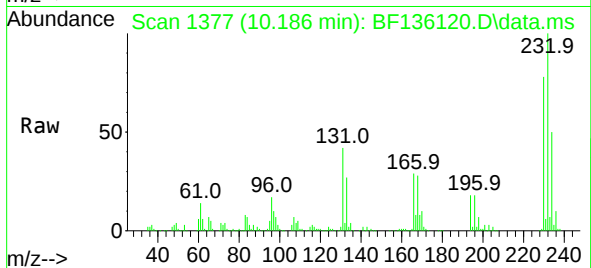
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.234 ng m
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB156798BS

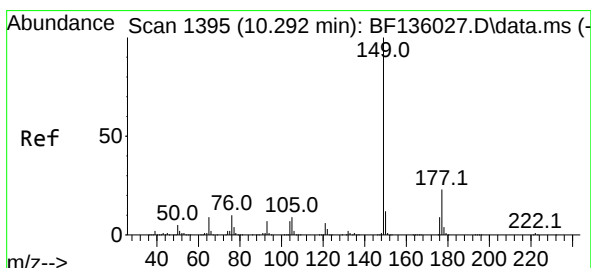
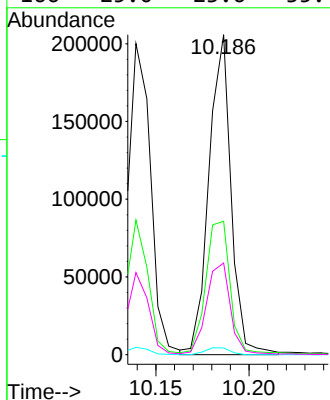
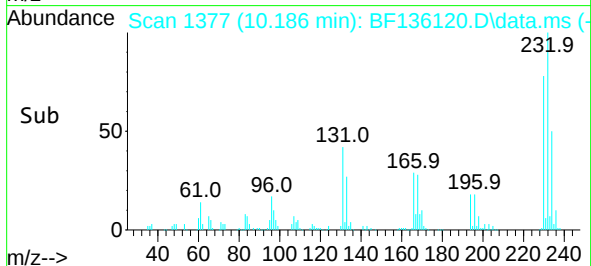


Tgt Ion:232 Resp: 170261
Ion Ratio Lower Upper
232 100
131 41.3 34.6 52.0
130 2.3 1.6 2.4
166 25.0 23.6 35.4

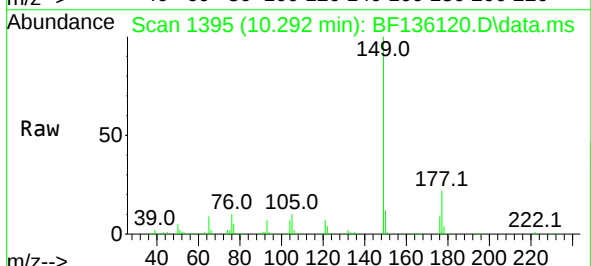
Manual Integrations

APPROVED

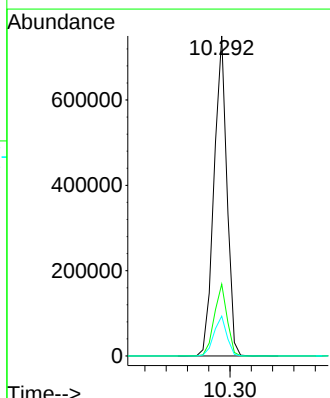
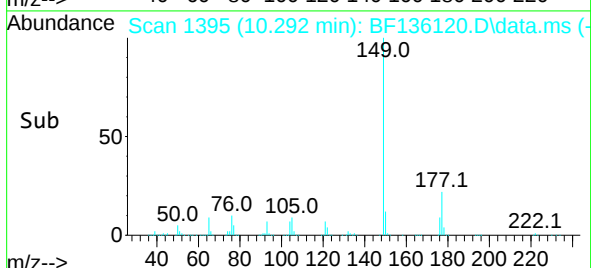
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

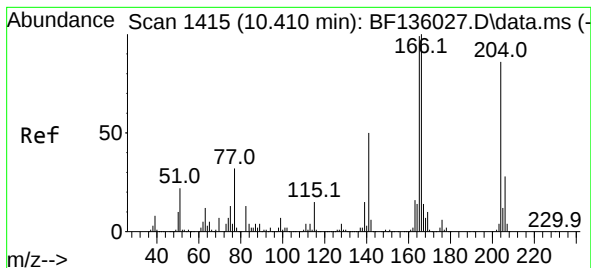


#60
Diethylphthalate
Concen: 44.399 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57



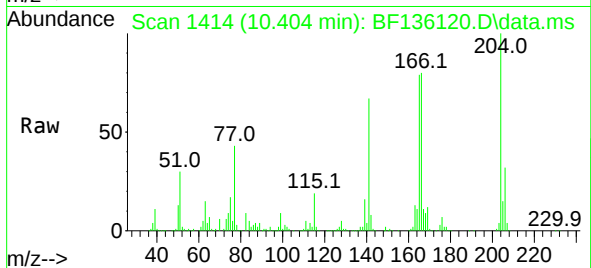
Tgt Ion:149 Resp: 628934
Ion Ratio Lower Upper
149 100
177 22.4 18.2 27.4
150 12.4 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 41.942 ng
RT: 10.404 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

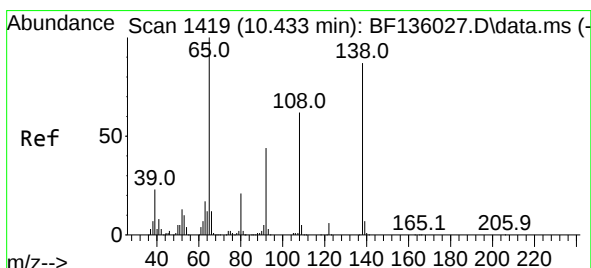
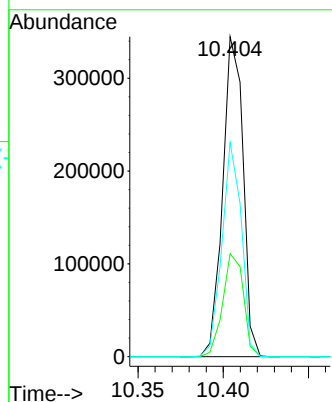
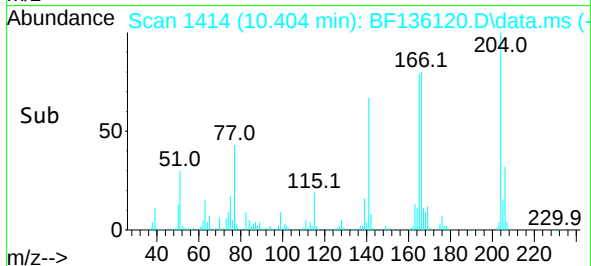
Instrument :
BNA_F
ClientSampleId :
PB156798BS



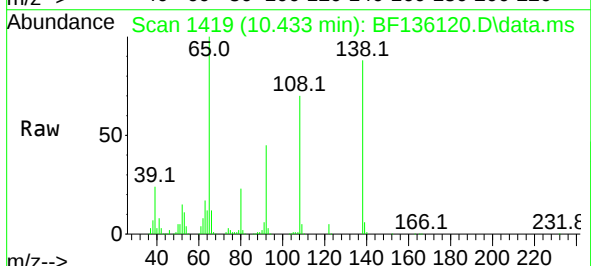
Tgt Ion:204 Resp: 286325
Ion Ratio Lower Upper
204 100
206 32.2 26.6 39.8
141 66.9 46.8 70.2

Manual Integrations
APPROVED

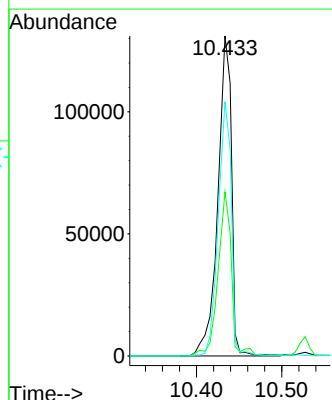
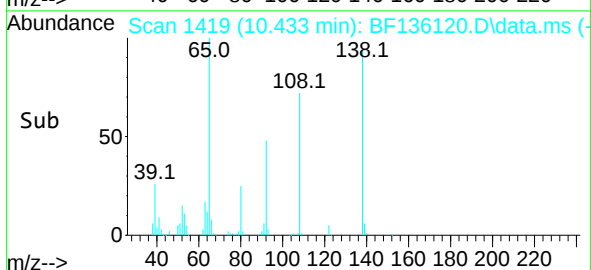
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#62
4-Nitroaniline
Concen: 40.942 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57



Tgt Ion:138 Resp: 145865
Ion Ratio Lower Upper
138 100
92 51.2 30.6 70.6
108 79.5 51.5 91.5





#63

Azobenzene

Concen: 42.367 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF136120.D

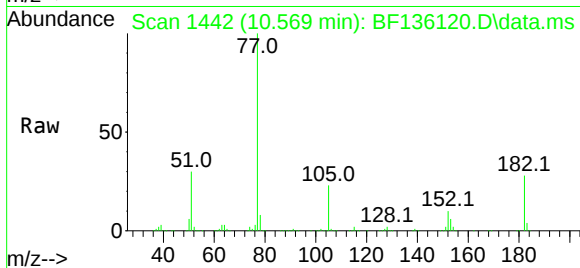
Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB156798BS



Tgt Ion: 77 Resp: 577984

Ion Ratio Lower Upper

77 100

182 27.8 5.0 45.0

105 22.6 2.6 42.6

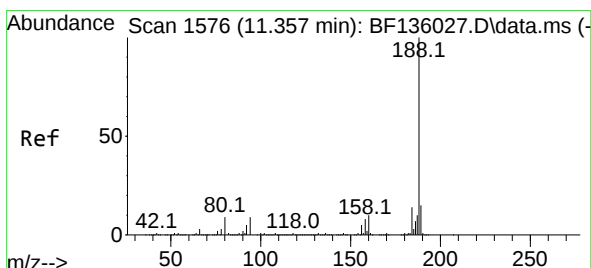
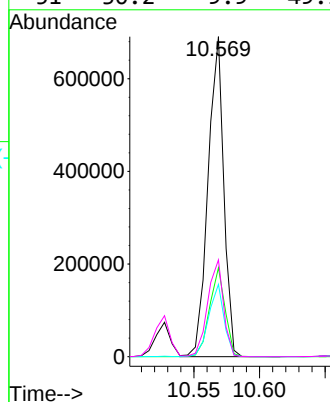
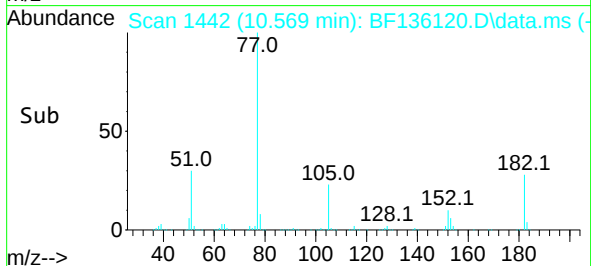
51 30.2 9.9 49.9

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: BF136120.D

Acq: 03 Nov 2023 12:57

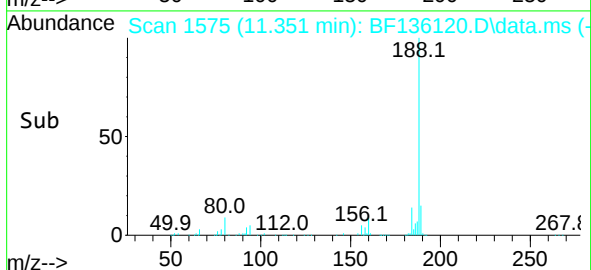
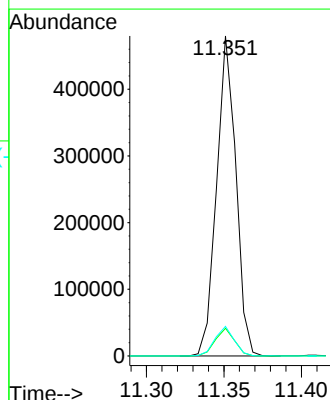
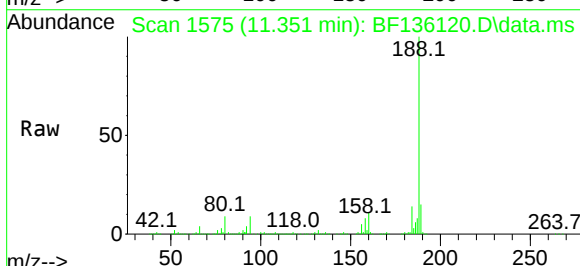
Tgt Ion:188 Resp: 414398

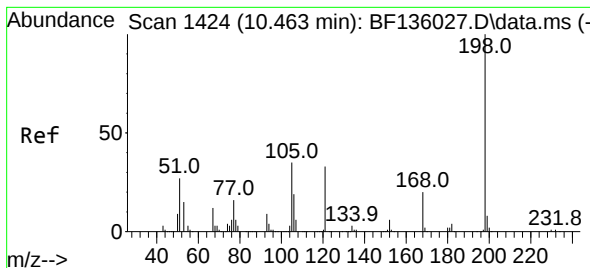
Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

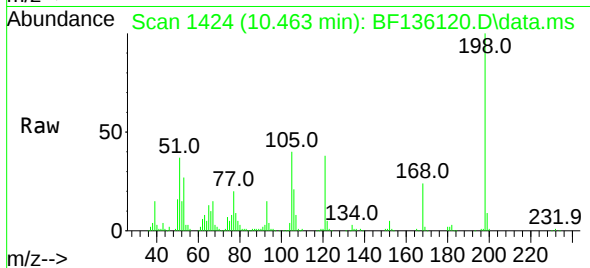
80 9.2 7.4 11.0





#65
4,6-Dinitro-2-methylphenol
Concen: 45.126 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

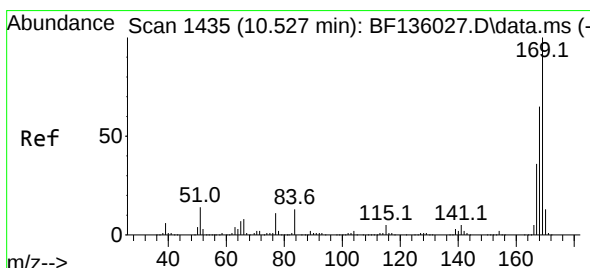
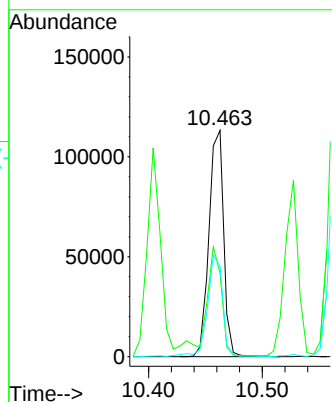
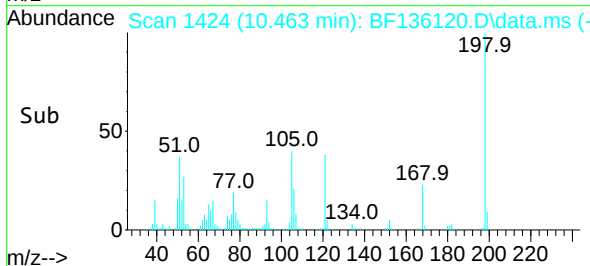
Instrument :
BNA_F
ClientSampleId :
PB156798BS



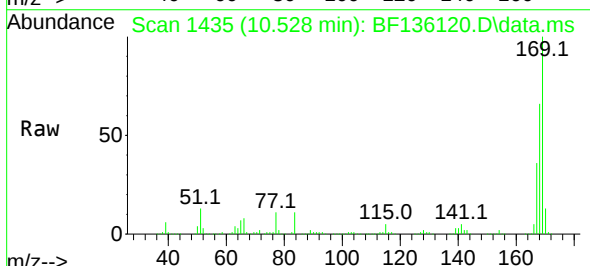
Tgt Ion:198 Resp: 10185
Ion Ratio Lower Upper
198 100
51 36.8 12.9 52.9
105 40.1 16.0 56.0

Manual Integrations
APPROVED

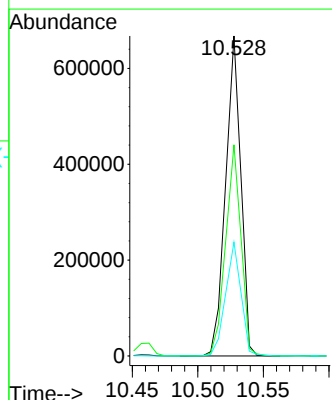
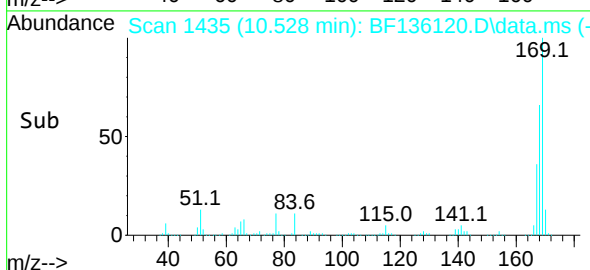
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#66
n-Nitrosodiphenylamine
Concen: 43.139 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57



Tgt Ion:169 Resp: 539277
Ion Ratio Lower Upper
169 100
168 66.0 52.2 78.2
167 35.5 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 43.154 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

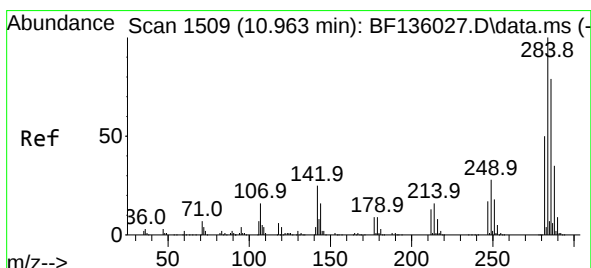
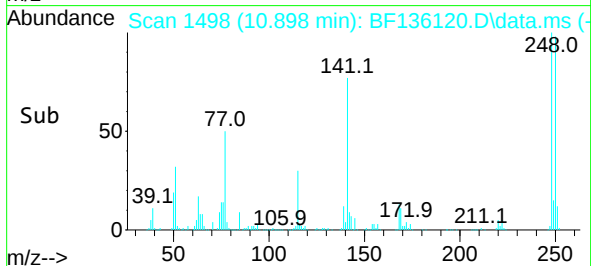
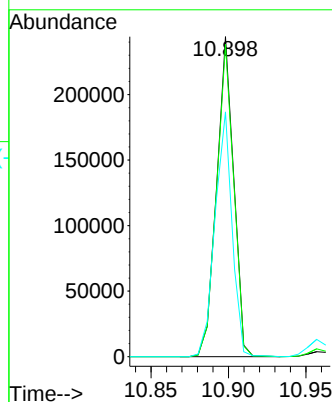
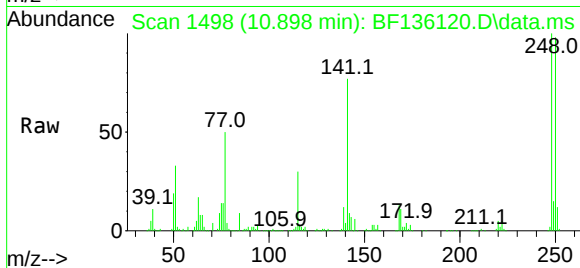
PB156798BS

Tgt Ion:248 Resp: 18749
Ion Ratio Lower Upper
248 100
250 97.7 77.6 116.4
141 76.5 50.4 75.6

Manual Integrations

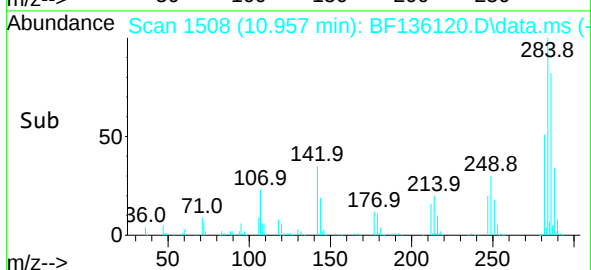
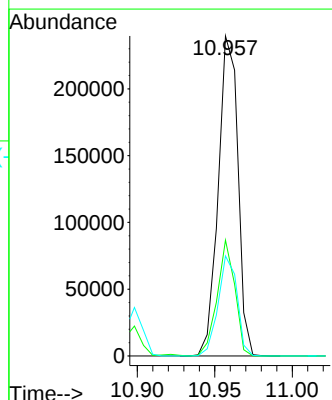
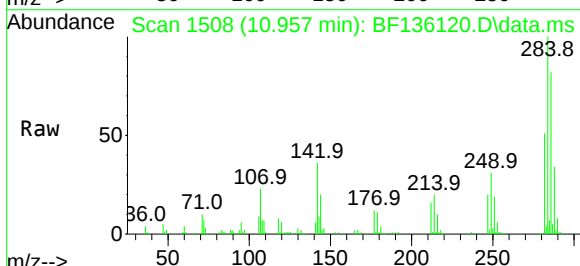
APPROVED

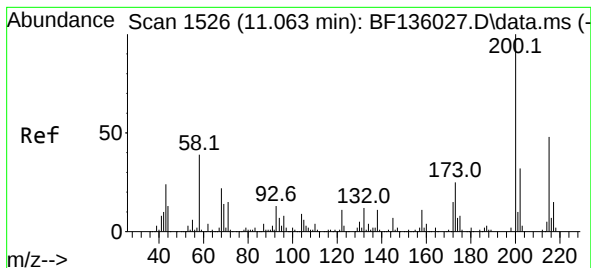
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#68
Hexachlorobenzene
Concen: 45.612 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Tgt Ion:284 Resp: 211646
Ion Ratio Lower Upper
284 100
142 36.2 20.2 30.4#
249 31.3 22.6 33.8





#69

Atrazine

Concen: 51.209 ng

RT: 11.057 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB156798BS

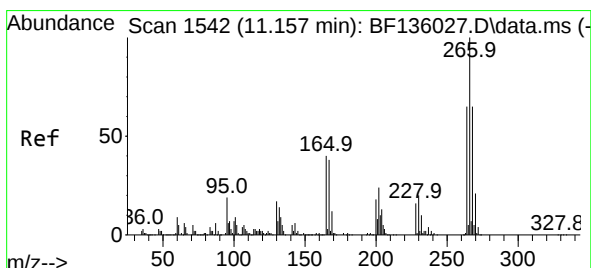
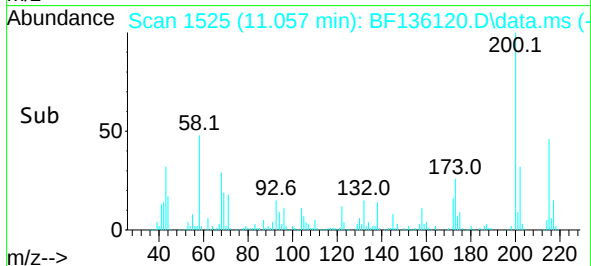
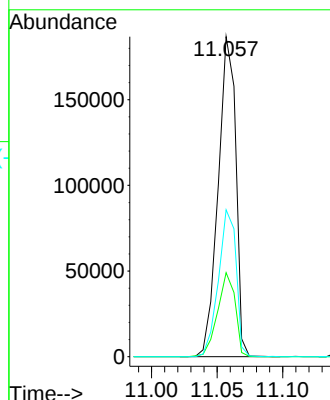
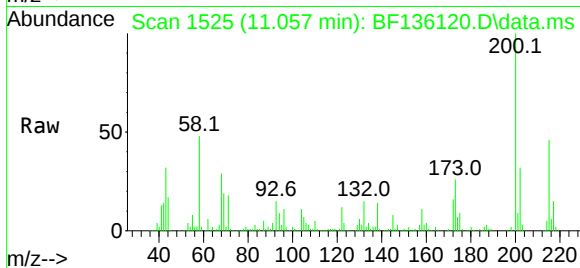
Tgt Ion:200 Resp: 17417
 Ion Ratio Lower Upper
 200 100
 173 26.3 5.2 45.2
 215 45.9 28.4 68.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#70

Pentachlorophenol

Concen: 72.982 ng

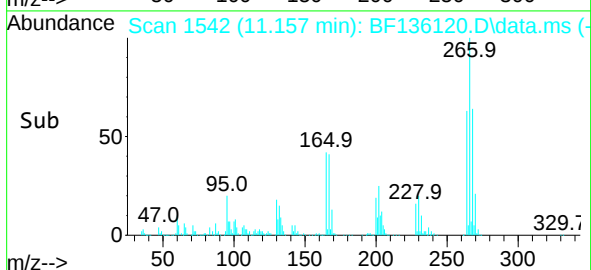
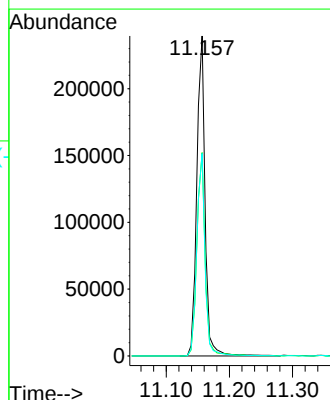
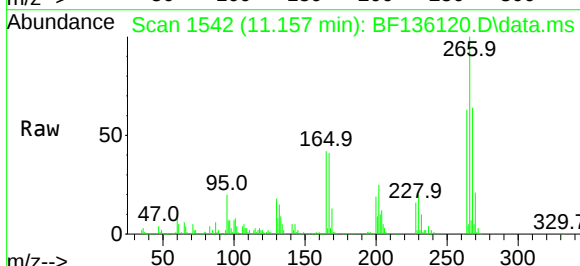
RT: 11.157 min Scan# 1542

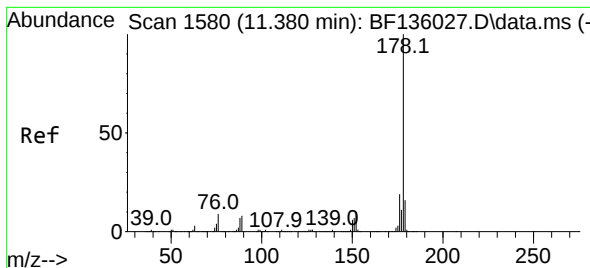
Delta R.T. 0.000 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Tgt Ion:266 Resp: 217488
 Ion Ratio Lower Upper
 266 100
 268 63.5 52.2 78.4
 264 63.3 52.2 78.4





#71

Phenanthrene

Concen: 43.462 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB156798BS

Tgt Ion:178 Resp: 906838

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

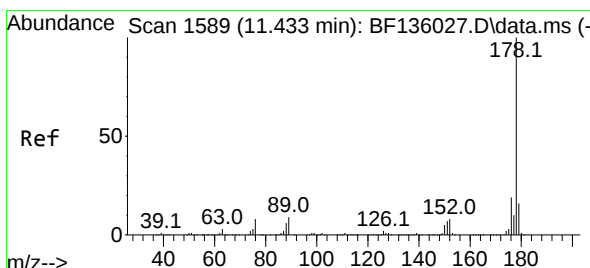
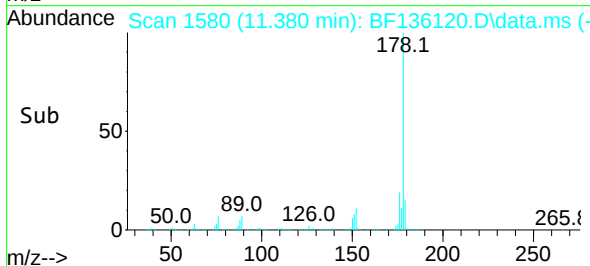
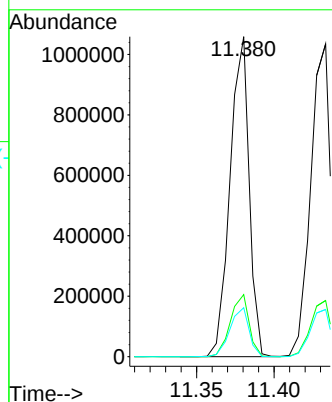
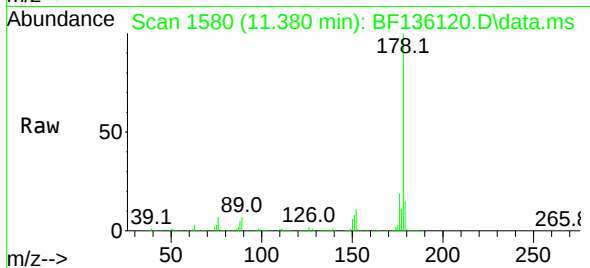
179 15.3 12.9 19.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#72

Anthracene

Concen: 43.057 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

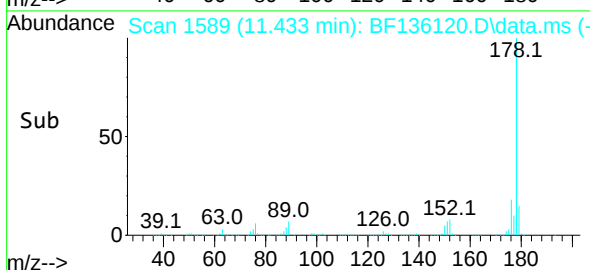
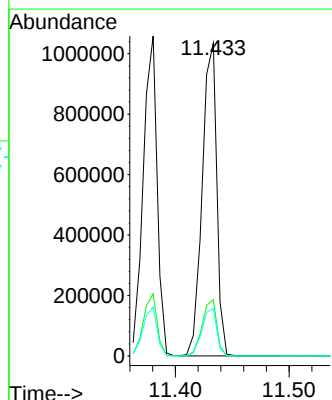
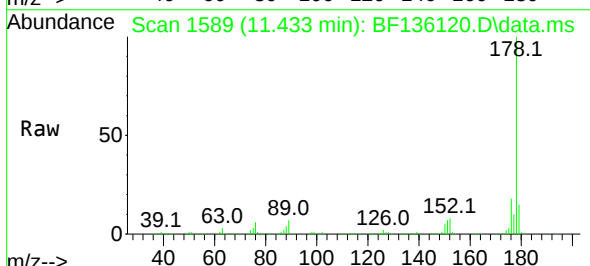
Tgt Ion:178 Resp: 920580

Ion Ratio Lower Upper

178 100

176 18.0 15.0 22.4

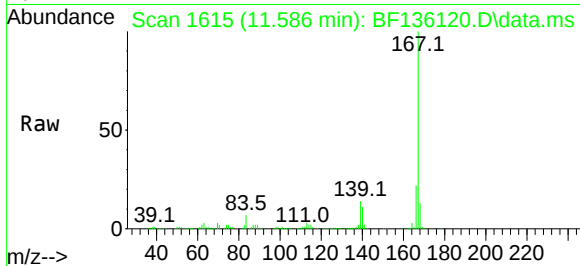
179 15.1 12.6 18.8





#73
 Carbazole
 Concen: 42.662 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. -0.006 min
 Lab File: BF136120.D
 Acq: 03 Nov 2023 12:57

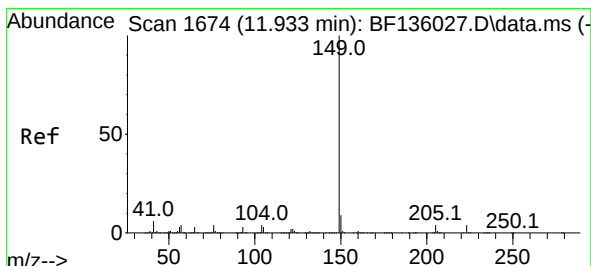
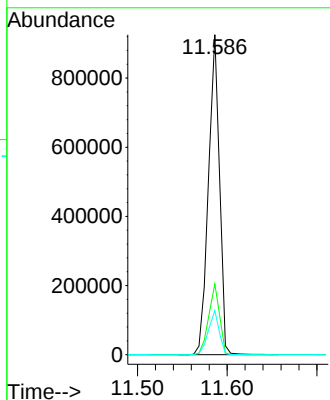
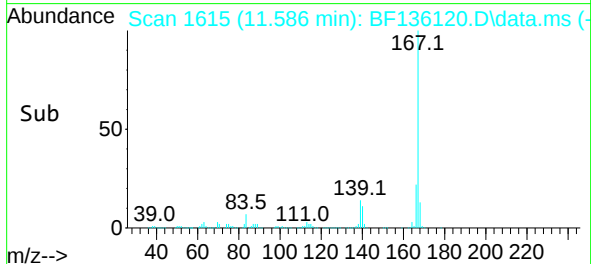
Instrument :
 BNA_F
 ClientSampleId :
 PB156798BS



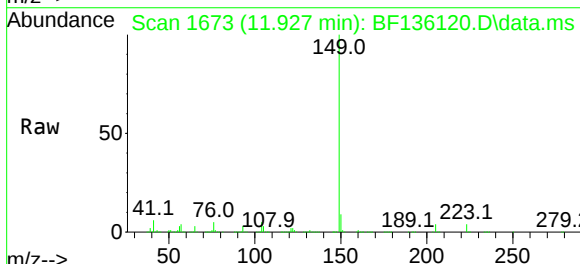
Tgt Ion:167 Resp: 792620
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.2 25.8
 139 13.8 9.9 14.9

Manual Integrations
 APPROVED

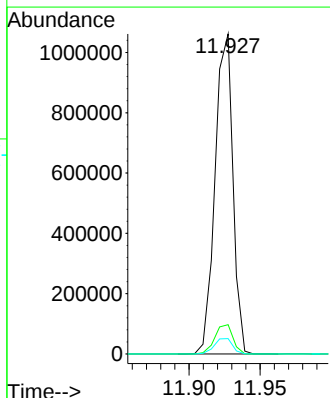
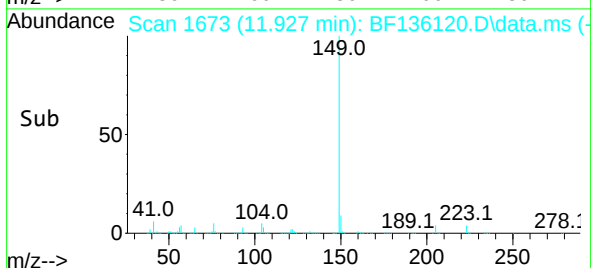
Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023

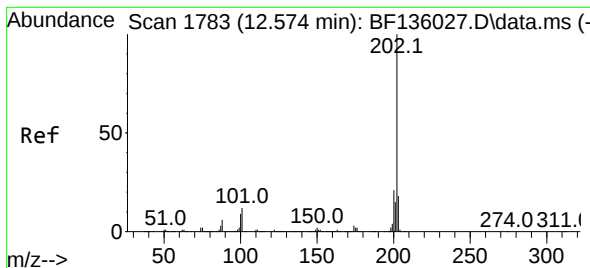


#74
 Di-n-butylphthalate
 Concen: 43.559 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.006 min
 Lab File: BF136120.D
 Acq: 03 Nov 2023 12:57



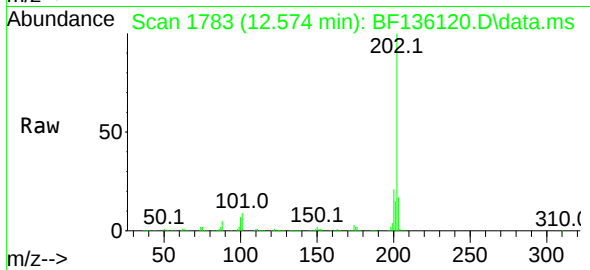
Tgt Ion:149 Resp: 924755
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 4.8 3.6 5.4





#75
Fluoranthene
Concen: 42.247 ng
RT: 12.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

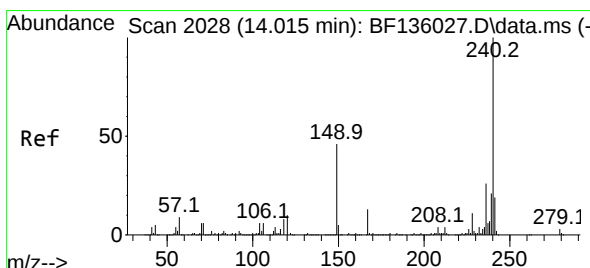
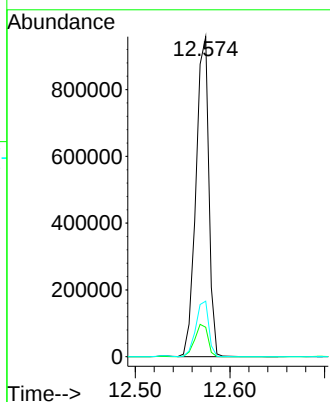
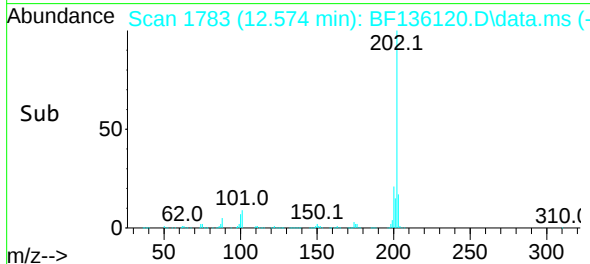
Instrument :
BNA_F
ClientSampleId :
PB156798BS



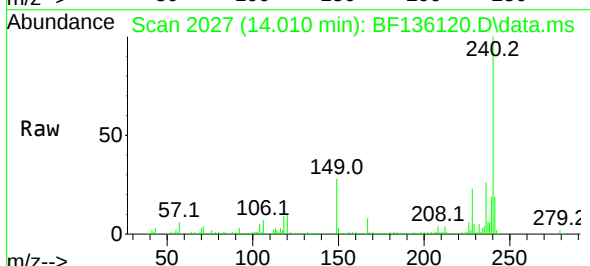
Tgt Ion:202 Resp: 90555
Ion Ratio Lower Upper
202 100
101 9.2 0.0 31.8
203 17.3 0.0 37.9

Manual Integrations
APPROVED

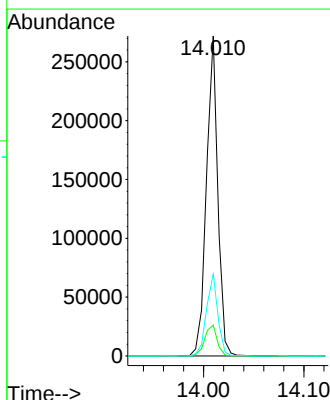
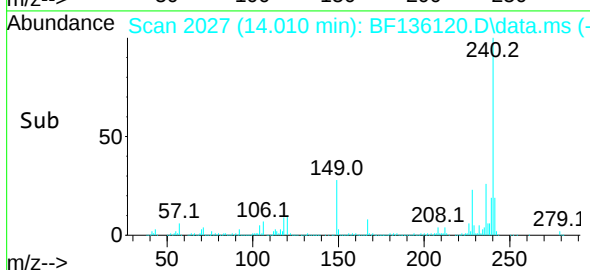
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

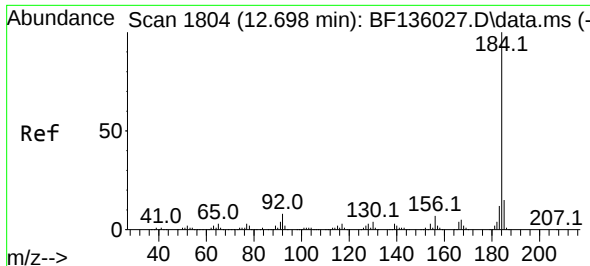


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57



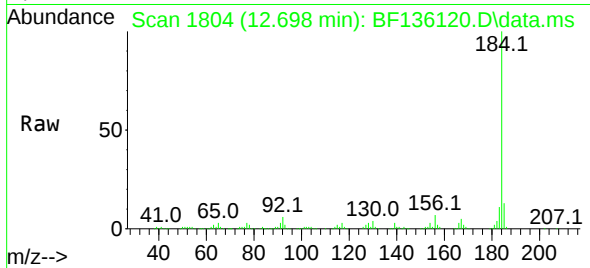
Tgt Ion:240 Resp: 215133
Ion Ratio Lower Upper
240 100
120 9.6 7.6 11.4
236 25.6 20.6 31.0





#77
Benzidine
Concen: 33.837 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

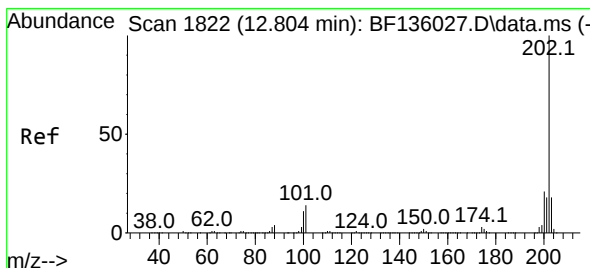
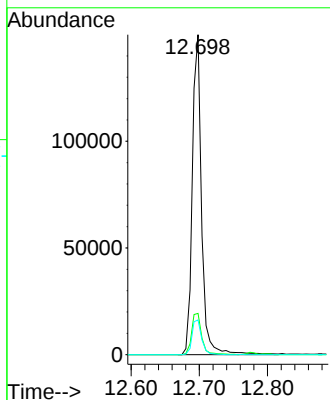
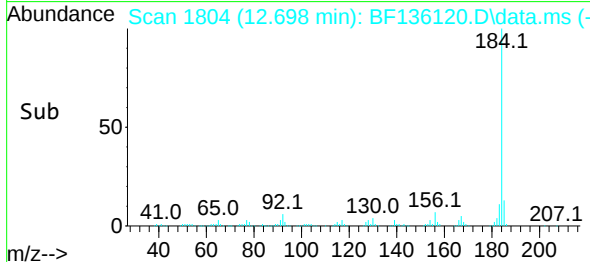
Instrument :
BNA_F
Client Sample Id :
PB156798BS



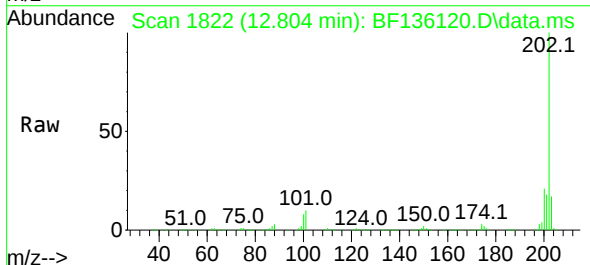
Tgt Ion:184 Resp: 141884
Ion Ratio Lower Upper
184 100
185 12.9 11.8 17.8
183 10.8 9.5 14.3

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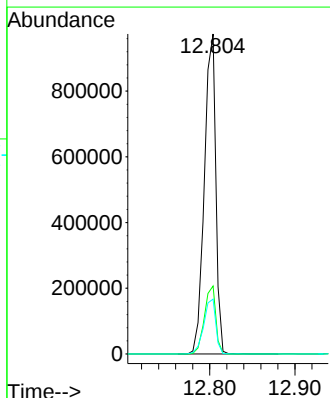
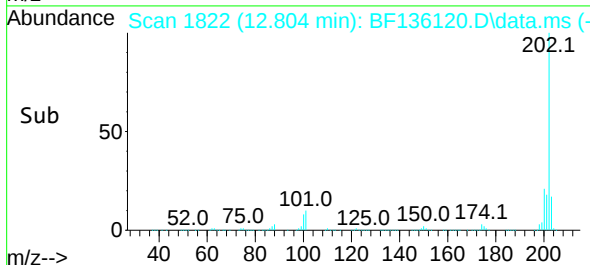
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

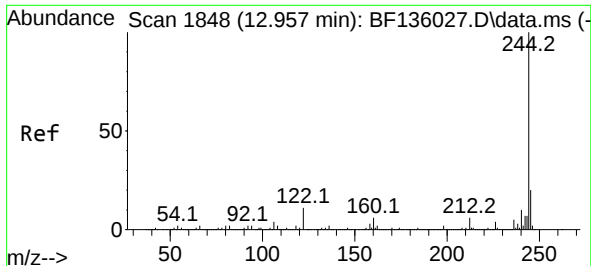


#78
Pyrene
Concen: 47.769 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57



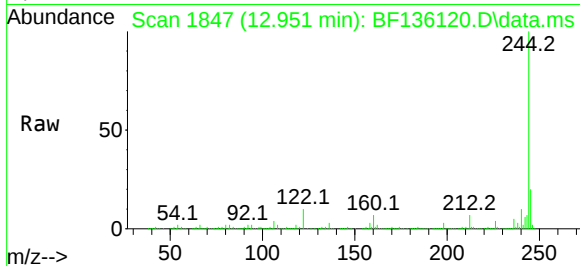
Tgt Ion:202 Resp: 906046
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.2 14.4 21.6





#79
 Terphenyl-d14
 Concen: 92.085 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF136120.D
 Acq: 03 Nov 2023 12:57

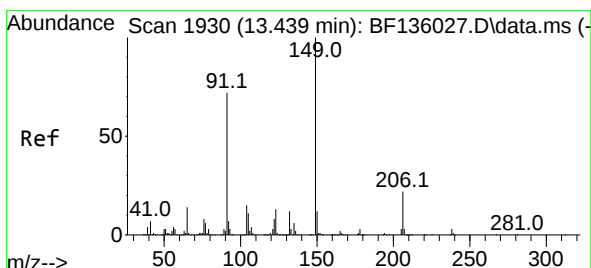
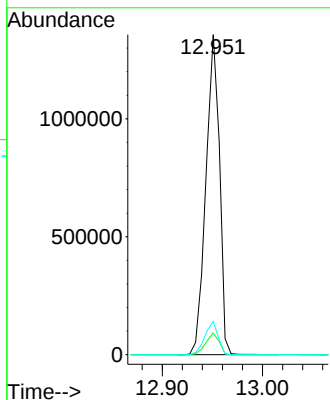
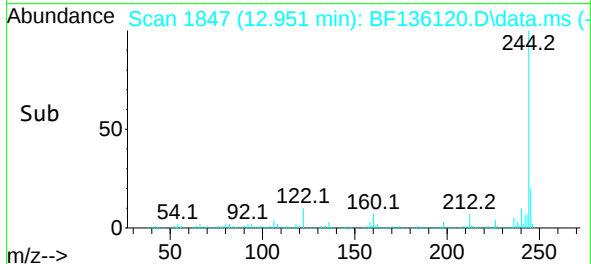
Instrument :
 BNA_F
 ClientSampleId :
 PB156798BS



Tgt Ion:244 Resp: 127478
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 10.4 8.6 12.8

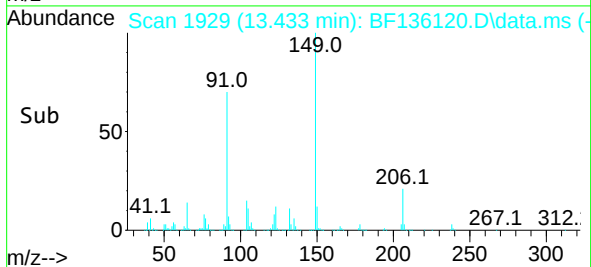
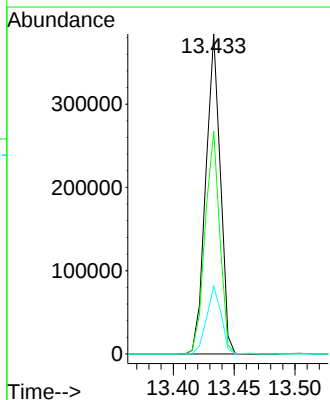
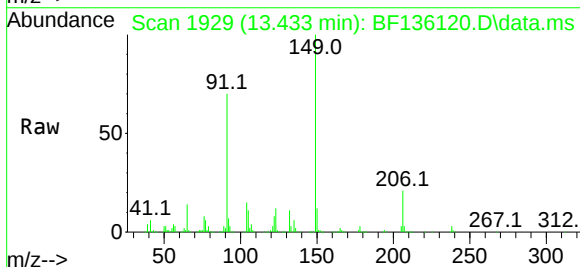
Manual Integrations
 APPROVED

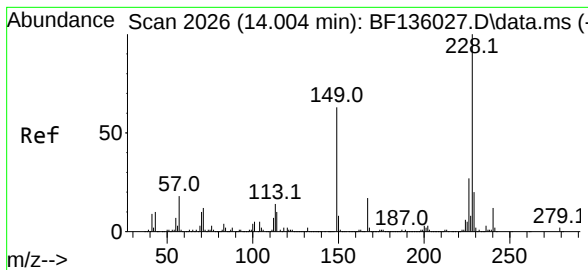
Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023



#80
 Butylbenzylphthalate
 Concen: 47.134 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF136120.D
 Acq: 03 Nov 2023 12:57

Tgt Ion:149 Resp: 320010
 Ion Ratio Lower Upper
 149 100
 91 69.6 57.6 86.4
 206 21.2 17.4 26.0





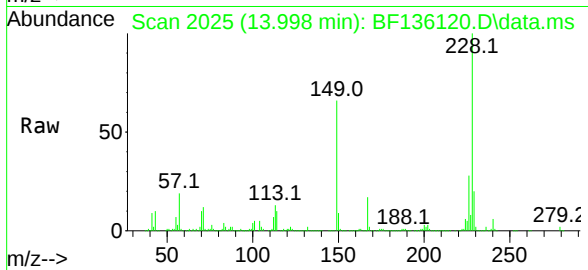
#81
Benzo(a)anthracene
Concen: 43.728 ng
RT: 13.998 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB156798BS

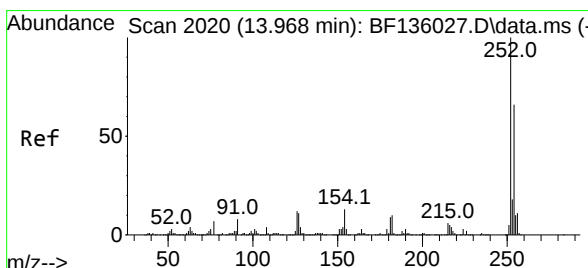
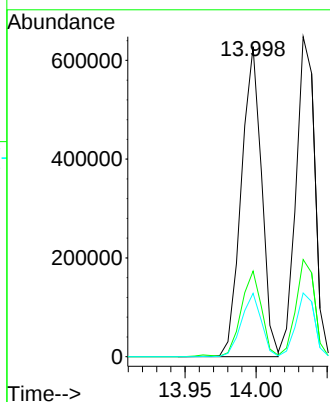
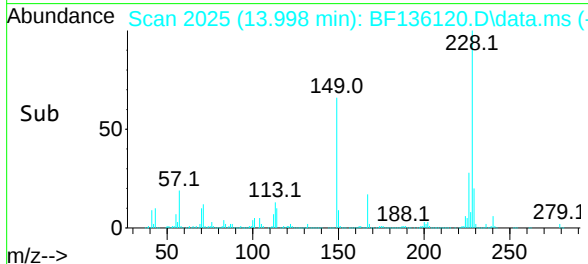


Tgt Ion:228 Resp: 622790
Ion Ratio Lower Upper
228 100
226 27.6 21.5 32.3
229 20.4 15.8 23.6

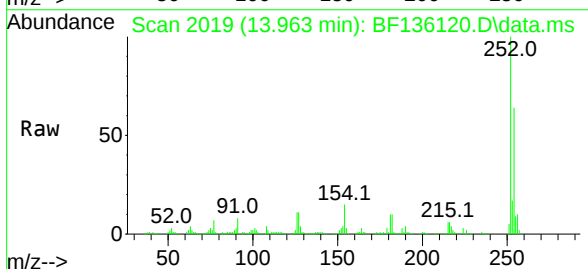
Manual Integrations

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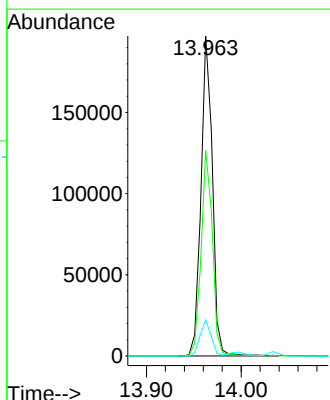
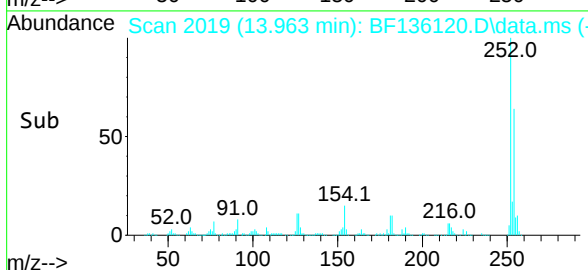
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

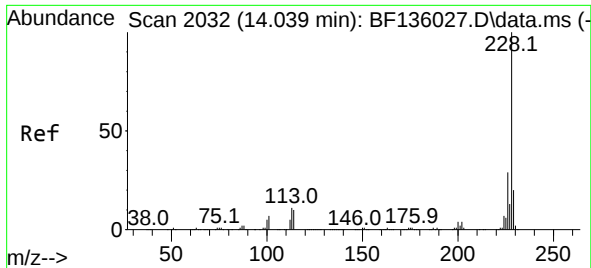


#82
3,3'-Dichlorobenzidine
Concen: 36.140 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57



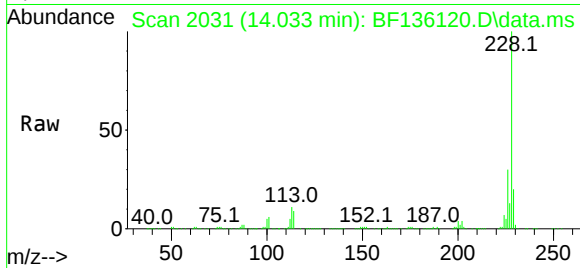
Tgt Ion:252 Resp: 164285
Ion Ratio Lower Upper
252 100
254 64.2 52.5 78.7
126 11.3 9.4 14.2





#83
Chrysene
Concen: 42.469 ng
RT: 14.033 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

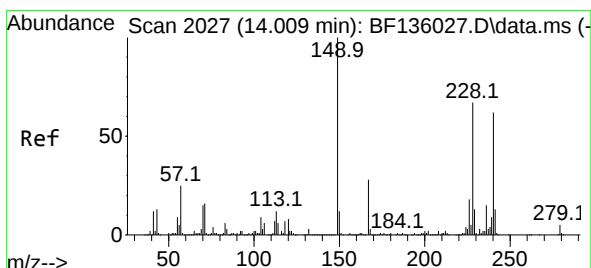
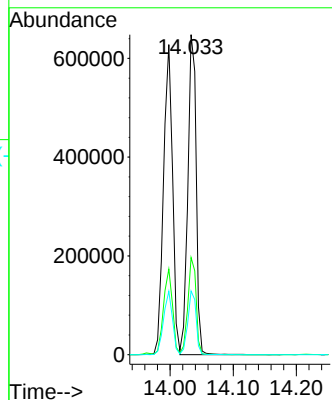
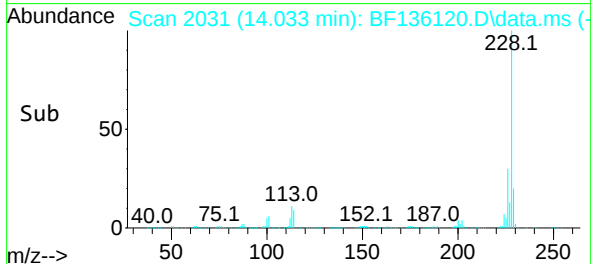
Instrument :
BNA_F
ClientSampleId :
PB156798BS



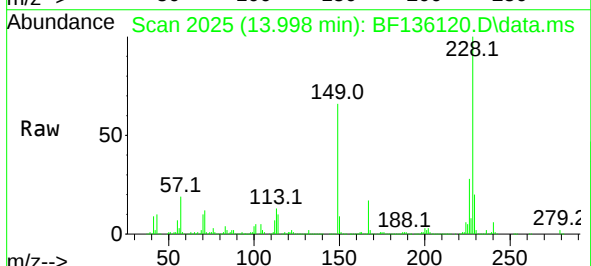
Tgt Ion:228 Resp: 595680
Ion Ratio Lower Upper
228 100
226 30.4 23.5 35.3
229 19.9 16.0 24.0

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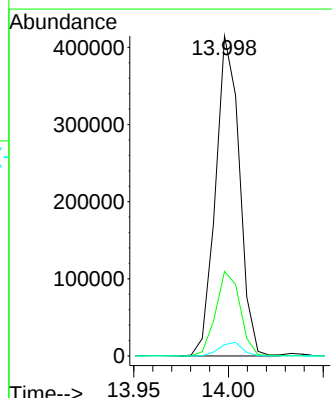
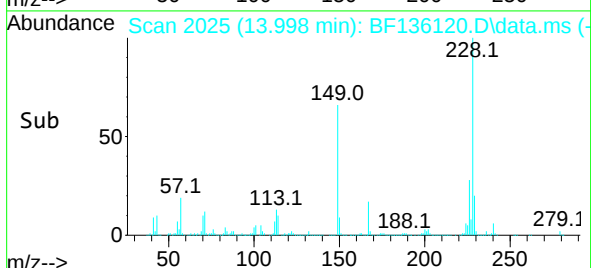
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.985 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57



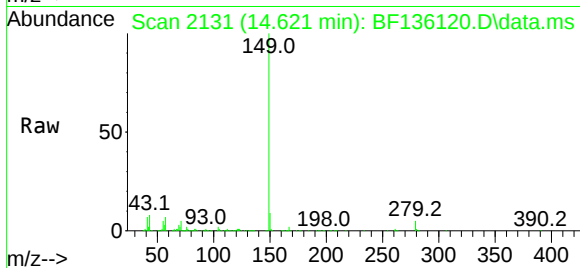
Tgt Ion:149 Resp: 363742
Ion Ratio Lower Upper
149 100
167 26.4 22.6 33.8
279 3.6 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 43.766 ng
RT: 14.621 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

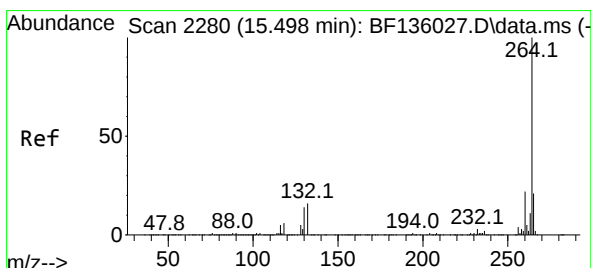
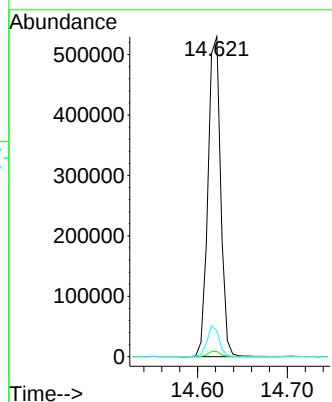
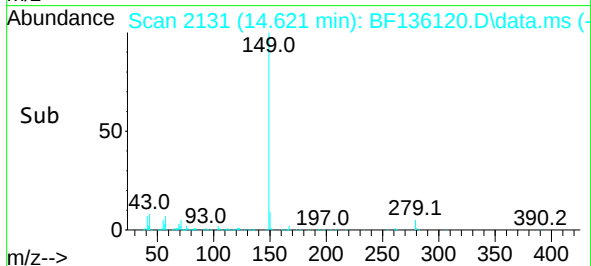
Instrument :
BNA_F
ClientSampleId :
PB156798BS



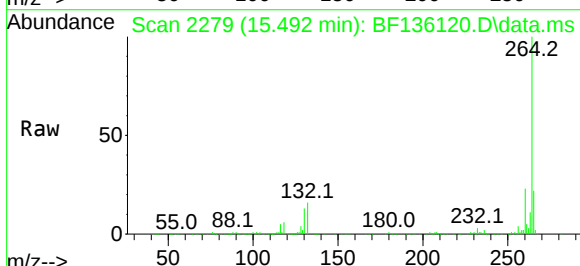
Tgt Ion:149 Resp: 51861
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.2 7.6 11.4

Manual Integrations
APPROVED

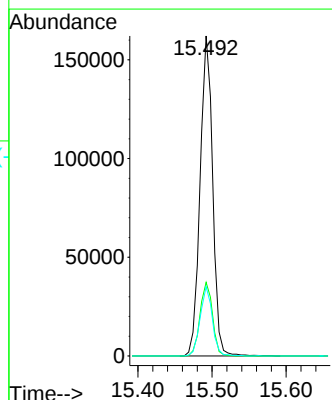
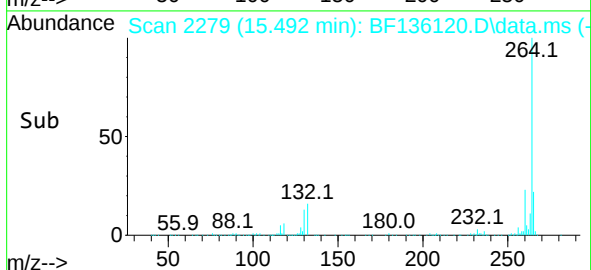
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

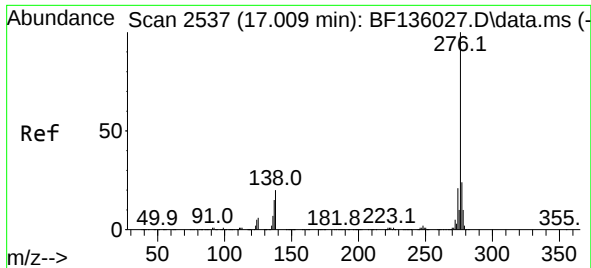


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57



Tgt Ion:264 Resp: 190465
Ion Ratio Lower Upper
264 100
260 23.0 17.9 26.9
265 21.7 16.8 25.2





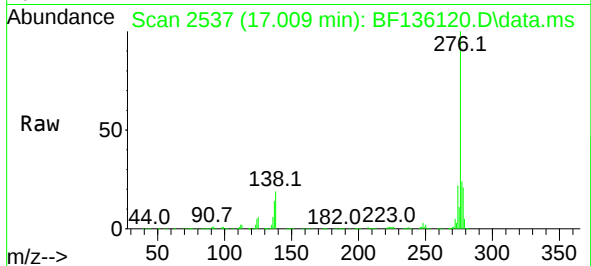
#87
Indeno(1,2,3-cd)pyrene
Concen: 52.199 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB156798BS

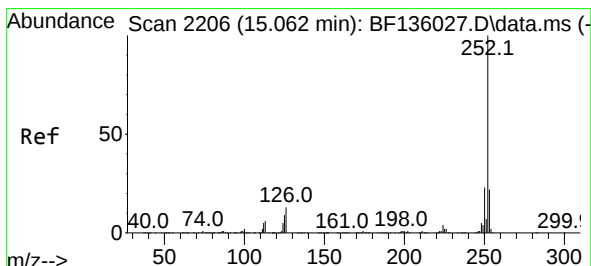
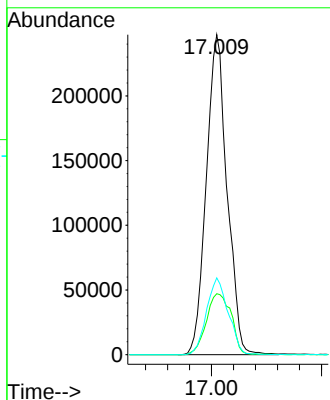
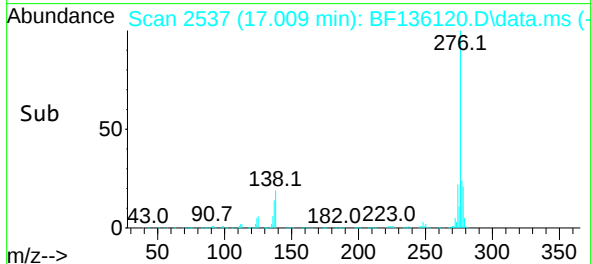


Tgt Ion:276 Resp: 649774
Ion Ratio Lower Upper
276 100
138 22.8 20.4 30.6
277 25.2 20.2 30.2

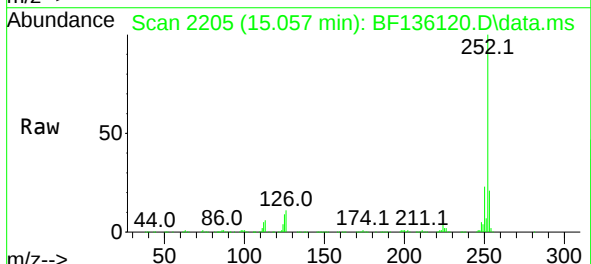
Manual Integrations

APPROVED

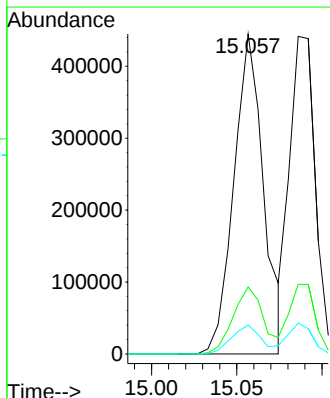
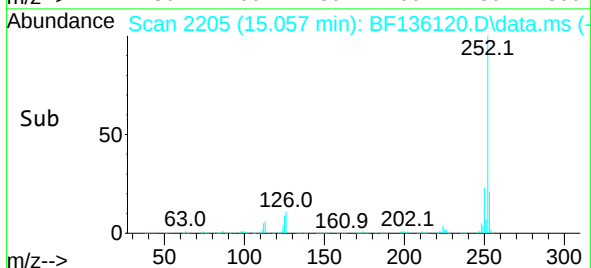
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

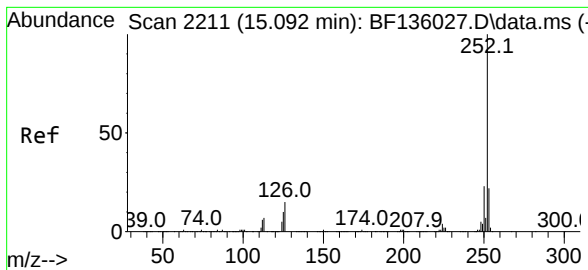


#88
Benzo(b)fluoranthene
Concen: 47.771 ng
RT: 15.057 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57



Tgt Ion:252 Resp: 538382
Ion Ratio Lower Upper
252 100
253 20.9 17.7 26.5
125 9.1 7.5 11.3





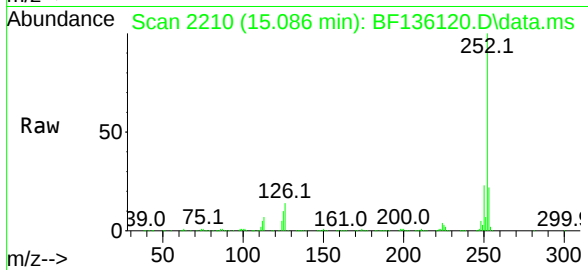
#89
Benzo(k)fluoranthene
Concen: 41.818 ng
RT: 15.086 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB156798BS

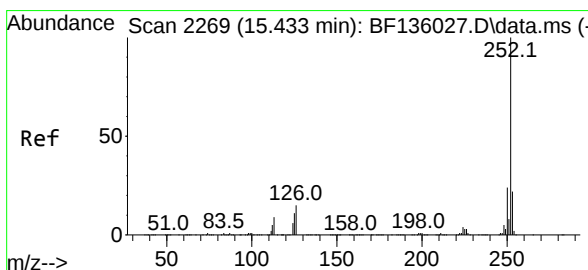
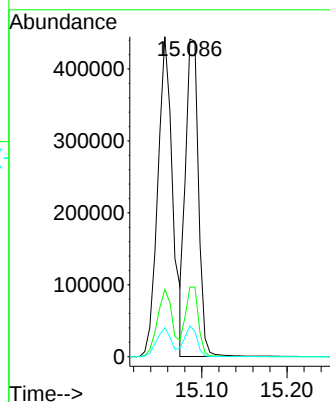
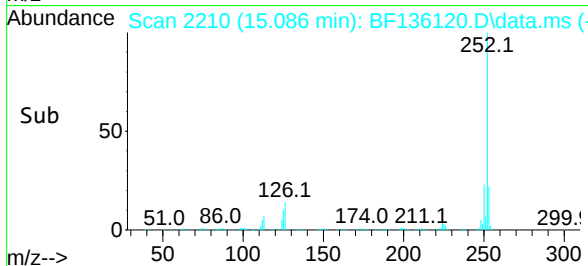


Tgt Ion:252 Resp: 466329
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.7 8.0 12.0

Manual Integrations

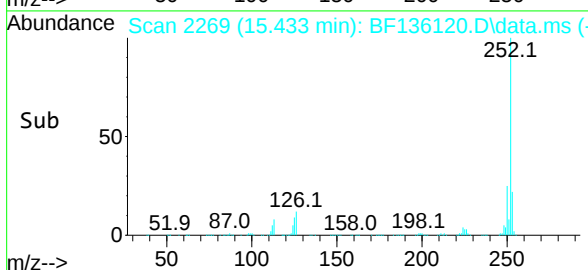
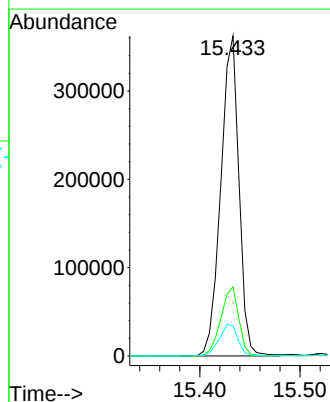
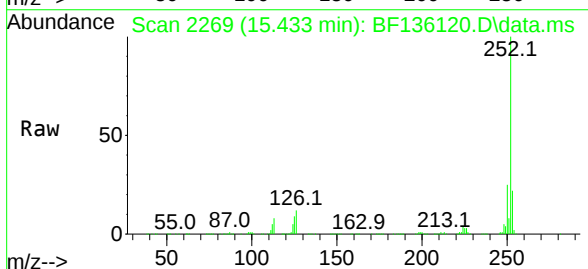
APPROVED

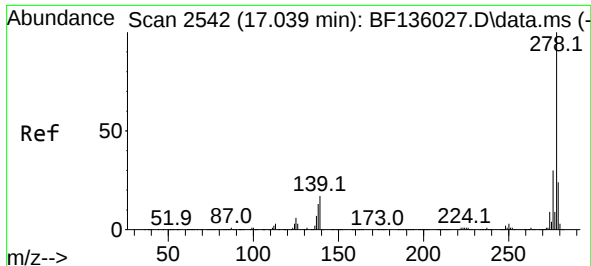
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#90
Benzo(a)pyrene
Concen: 43.323 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Tgt Ion:252 Resp: 453669
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 9.4 9.0 13.6





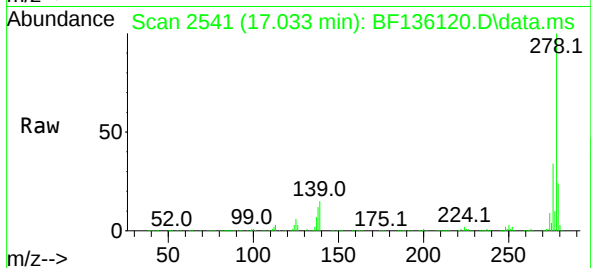
#91
Dibenzo(a,h)anthracene
Concen: 52.613 ng
RT: 17.033 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB156798BS

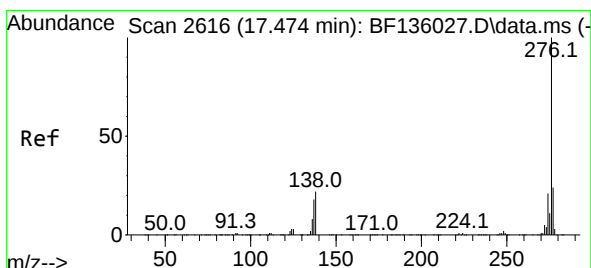
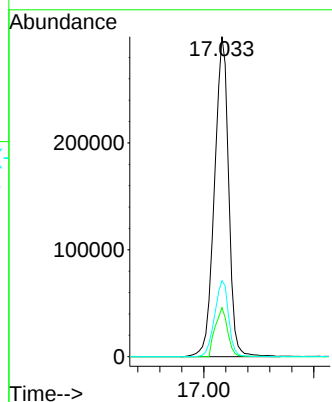
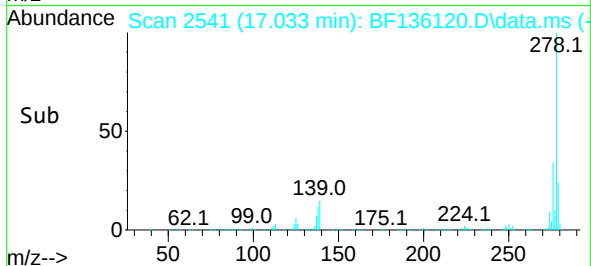


Tgt Ion:278 Resp: 53647
Ion Ratio Lower Upper
278 100
139 15.3 13.7 20.5
279 23.8 19.0 28.6

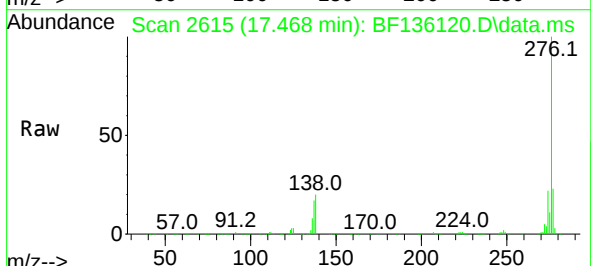
Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 46.817 ng
RT: 17.468 min Scan# 2615
Delta R.T. -0.006 min
Lab File: BF136120.D
Acq: 03 Nov 2023 12:57



Tgt Ion:276 Resp: 542608
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.4
138 19.7 17.4 26.2

