

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136309.D
 Acq On : 30 Nov 2023 12:39
 Operator : CG\JU
 Sample : PB157208BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157208BSD

Quant Time: Nov 30 12:58:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	149665	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	667172	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	343836	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	637253	20.000	ng	0.00
76) Chrysene-d12	13.992	240	289634	20.000	ng	0.00
86) Perylene-d12	15.468	264	269593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1237941	115.126	ng	0.02
7) Phenol-d6	6.451	99	1533373	114.047	ng	0.00
23) Nitrobenzene-d5	7.369	82	937884	74.285	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	503637	119.809	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1963132	72.928	ng	0.00
79) Terphenyl-d14	12.933	244	2022669	80.554	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	125878	30.939	ng	97
3) Pyridine	3.446	79	316640	31.527	ng	100
4) n-Nitrosodimethylamine	3.416	42	183557	36.156	ng	88
6) Aniline	6.475	93	404940	31.865	ng	94
8) 2-Chlorophenol	6.593	128	482652	41.223	ng	95
9) Benzaldehyde	6.357	77	23486	3.134	ng	94
10) Phenol	6.463	94	578375	40.097	ng	98
11) bis(2-Chloroethyl)ether	6.551	93	431012	40.731	ng	94
12) 1,3-Dichlorobenzene	6.745	146	495691	37.306	ng	98
13) 1,4-Dichlorobenzene	6.822	146	508950	37.679	ng	97
14) 1,2-Dichlorobenzene	6.975	146	483638	37.821	ng	98
15) Benzyl Alcohol	6.951	79	386674	41.019	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	582951	39.661	ng	98
17) 2-Methylphenol	7.063	107	382470	41.551	ng	100
18) Hexachloroethane	7.316	117	178199	37.612	ng	94
19) n-Nitroso-di-n-propyla...	7.228	70	321649	39.999	ng	95
20) 3+4-Methylphenols	7.216	107	479111	40.050	ng	91
22) Acetophenone	7.216	105	674962	38.521	ng	# 98
24) Nitrobenzene	7.387	77	474603	37.094	ng	98
25) Isophorone	7.628	82	896120	39.363	ng	97
26) 2-Nitrophenol	7.704	139	242503	44.485	ng	94
27) 2,4-Dimethylphenol	7.745	122	381752	53.204	ng	96
28) bis(2-Chloroethoxy)met...	7.840	93	545028	39.580	ng	99
29) 2,4-Dichlorophenol	7.945	162	402420	41.581	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	447234	37.744	ng	99
31) Naphthalene	8.110	128	1443090	38.482	ng	99
32) Benzoic acid	7.881	122	296991	45.416	ng	97
33) 4-Chloroaniline	8.157	127	313834	24.620	ng	97
34) Hexachlorobutadiene	8.222	225	250197	36.092	ng	99
35) Caprolactam	8.539	113	116697m	43.133	ng	
36) 4-Chloro-3-methylphenol	8.645	107	432196	41.175	ng	97
37) 2-Methylnaphthalene	8.798	142	911434	38.746	ng	100
38) 1-Methylnaphthalene	8.898	142	867075	37.785	ng	96
40) 1,2,4,5-Tetrachloroben...	8.963	216	433192	39.588	ng	98
41) Hexachlorocyclopentadiene	8.951	237	432133	102.631	ng	97
43) 2,4,6-Trichlorophenol	9.081	196	294462	41.459	ng	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	309551	39.937	ng	99
46) 1,1'-Biphenyl	9.269	154	1193138	39.350	ng	99
47) 2-Chloronaphthalene	9.292	162	905434	38.452	ng	98
48) 2-Nitroaniline	9.386	65	259119	42.149	ng	94
49) Acenaphthylene	9.704	152	1409174	41.936	ng	100
50) Dimethylphthalate	9.575	163	1055778	40.626	ng	99
51) 2,6-Dinitrotoluene	9.633	165	217553	40.977	ng	98
52) Acenaphthene	9.881	154	839908	39.552	ng	99
53) 3-Nitroaniline	9.804	138	176787	33.559	ng	90
54) 2,4-Dinitrophenol	9.910	184	235796	95.495	ng	97
55) Dibenzofuran	10.051	168	1260516	39.891	ng	99
56) 4-Nitrophenol	9.969	139	333779	83.425	ng	93
57) 2,4-Dinitrotoluene	10.039	165	298579	42.102	ng	93
58) Fluorene	10.398	166	968316	39.067	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	262055	42.493	ng	98
60) Diethylphthalate	10.275	149	1039162	39.974	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	466413	38.749	ng	94
62) 4-Nitroaniline	10.422	138	200431	38.870	ng	96
63) Azobenzene	10.551	77	946520	39.274	ng	97
65) 4,6-Dinitro-2-methylph...	10.451	198	153367	44.010	ng	81
66) n-Nitrosodiphenylamine	10.510	169	858078	42.018	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	302093	40.634	ng	97
68) Hexachlorobenzene	10.945	284	343674	39.941	ng	99
69) Atrazine	11.045	200	248577	41.033	ng	99
70) Pentachlorophenol	11.139	266	324041	66.623	ng	97
71) Phenanthrene	11.363	178	1473491	41.140	ng	99
72) Anthracene	11.416	178	1486759	41.394	ng	99
73) Carbazole	11.569	167	1191212	38.995	ng	99
74) Di-n-butylphthalate	11.904	149	1592633	41.668	ng	99
75) Fluoranthene	12.557	202	1375319	37.825	ng	98
77) Benzidine	12.674	184	113461	23.831	ng	97
78) Pyrene	12.786	202	1340528	42.261	ng	99
80) Butylbenzylphthalate	13.410	149	445815	45.159	ng	99
81) Benzo(a)anthracene	13.980	228	876814	40.757	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	231208	44.647	ng	95
83) Chrysene	14.016	228	839317	40.407	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	530566	44.782	ng	99
85) Di-n-octyl phthalate	14.592	149	898840	46.851	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	885822	44.184	ng	100
88) Benzo(b)fluoranthene	15.033	252	823107	43.518	ng	98
89) Benzo(k)fluoranthene	15.068	252	746872	41.576	ng	99
90) Benzo(a)pyrene	15.410	252	690608	44.665	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	731366	45.377	ng	99
92) Benzo(g,h,i)perylene	17.445	276	695686	43.069	ng	100

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

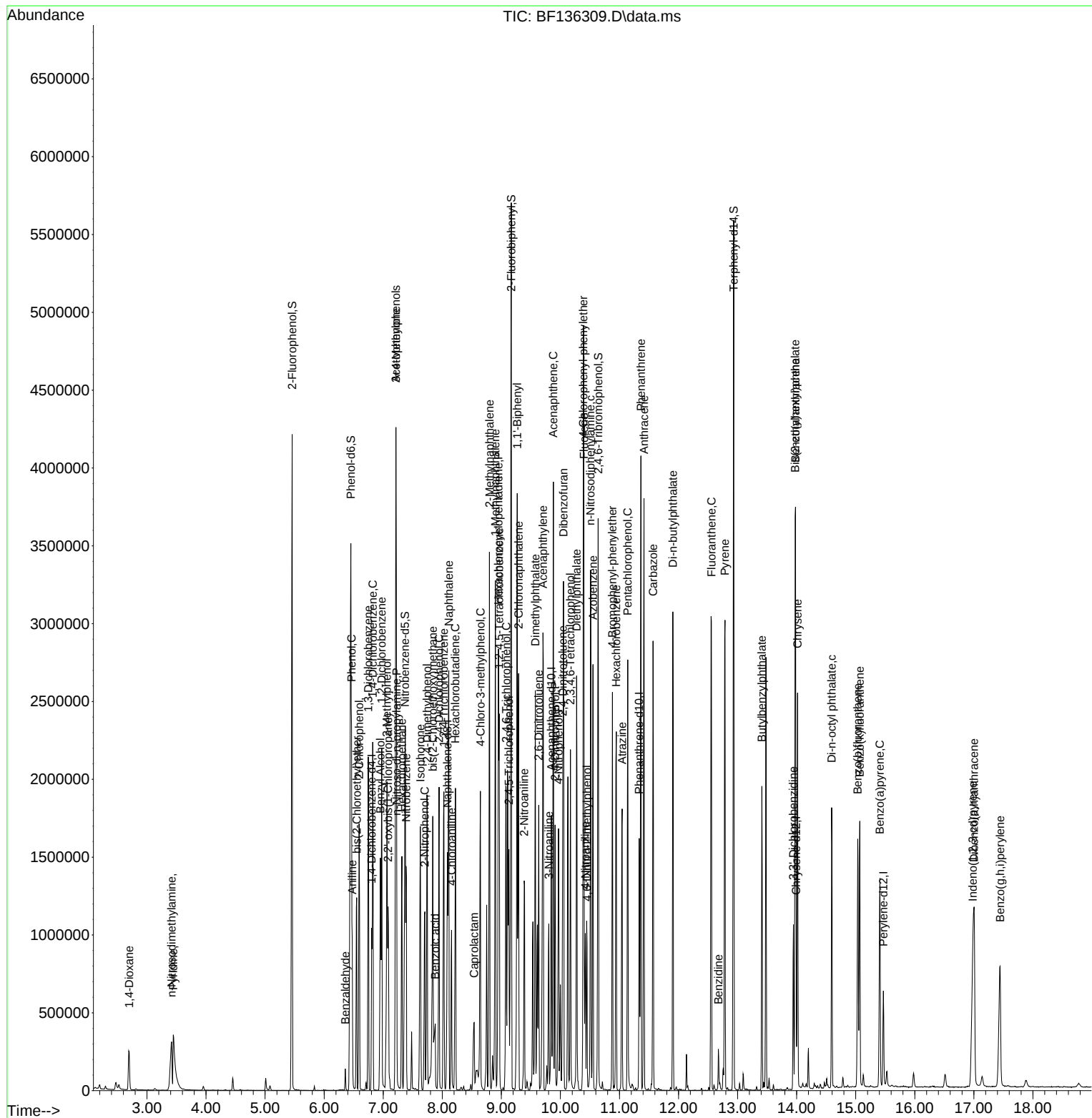
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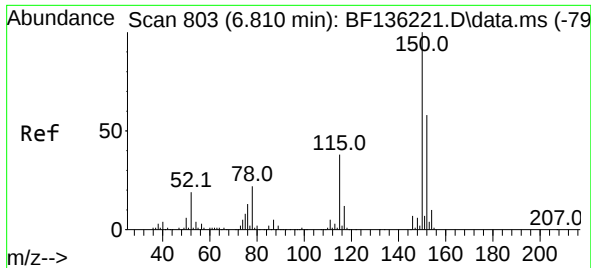
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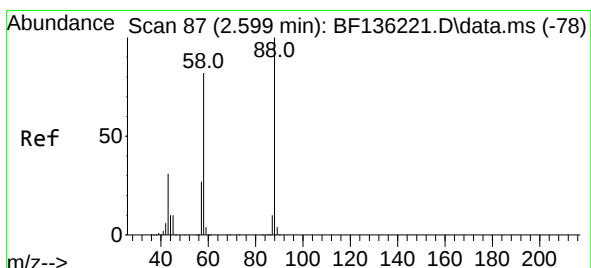
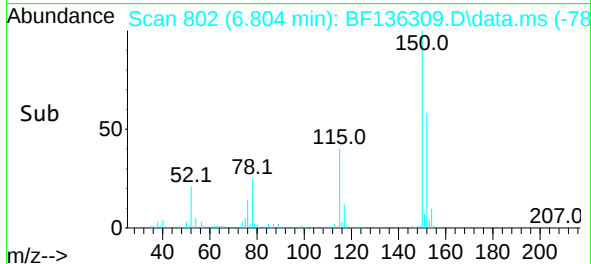
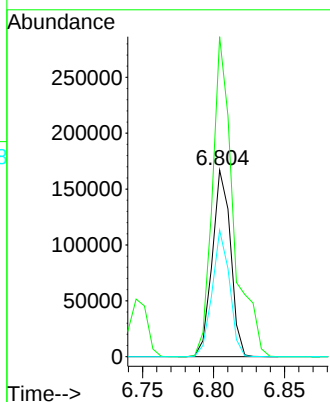
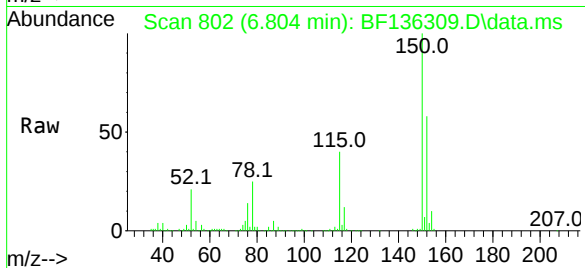
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

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BNA_F
ClientSampleId :
PB157208BSD

Tgt Ion:152 Resp: 14966
Ion Ratio Lower Upper
152 100
150 171.5 137.8 206.8
115 67.9 52.7 79.1

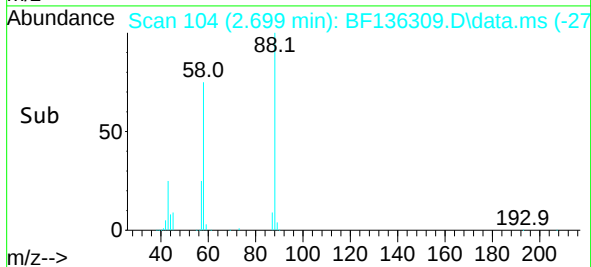
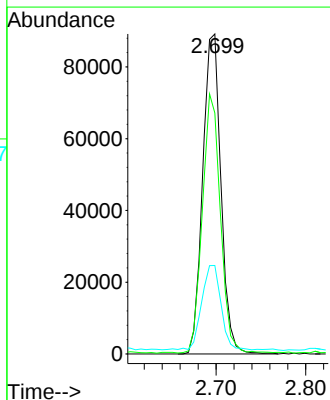
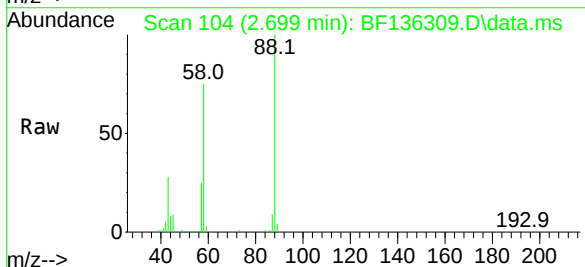
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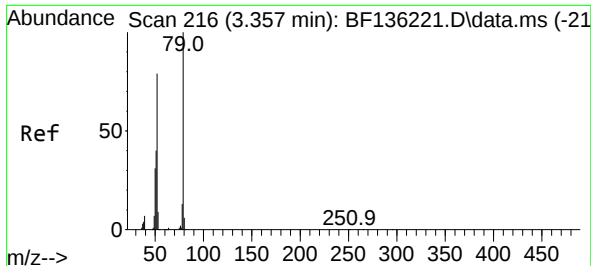
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#2
1,4-Dioxane
Concen: 30.939 ng
RT: 2.699 min Scan# 104
Delta R.T. 0.100 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Tgt Ion: 88 Resp: 125878
Ion Ratio Lower Upper
88 100
58 80.1 65.9 98.9
43 27.8 24.8 37.2





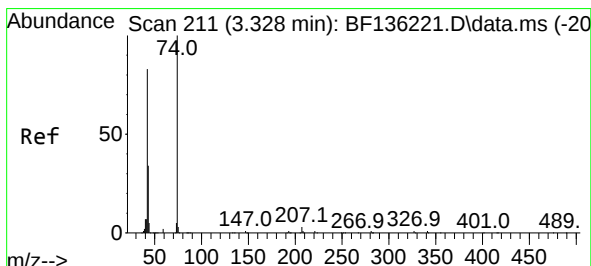
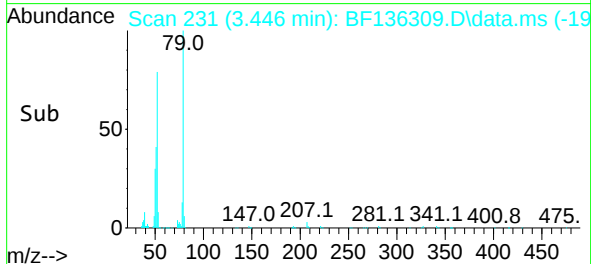
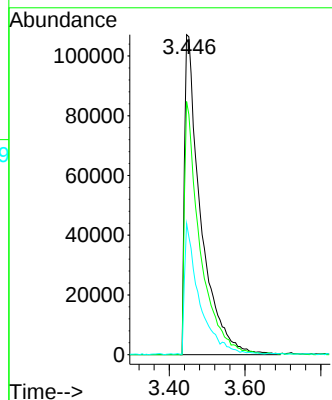
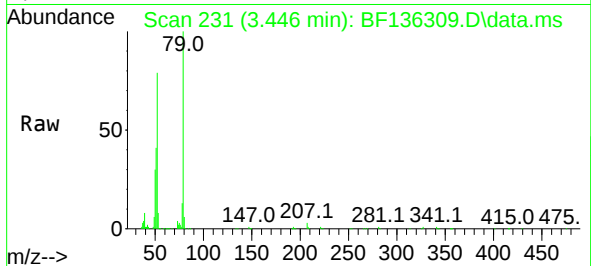
#3
Pyridine
Concen: 31.527 ng
RT: 3.446 min Scan# 216
Delta R.T. 0.088 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Instrument :
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ClientSampleId :
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Tgt Ion: 79 Resp: 316640
Ion Ratio Lower Upper
79 100
52 79.1 63.2 94.8
51 41.0 32.6 49.0

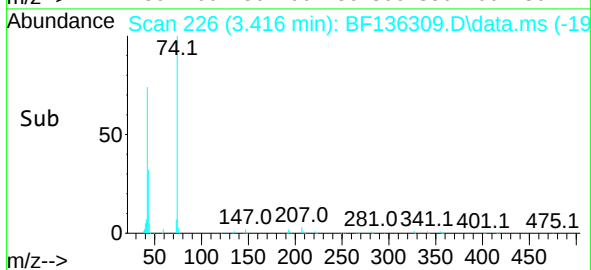
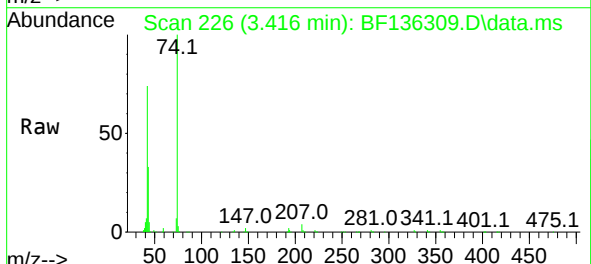
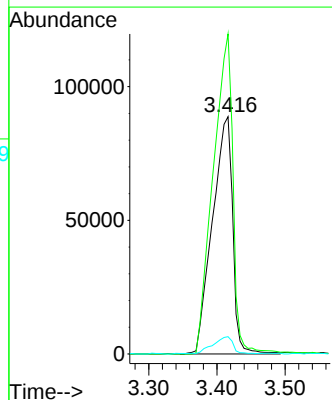
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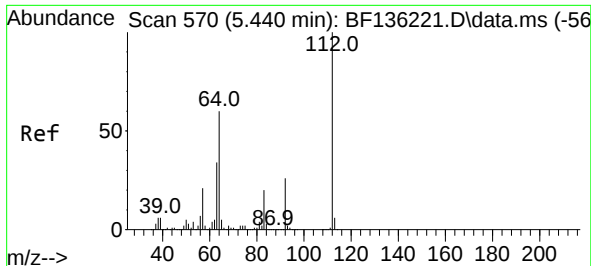
Reviewed By :Yogesh Patel 12/01/2023
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#4
n-Nitrosodimethylamine
Concen: 36.156 ng
RT: 3.416 min Scan# 226
Delta R.T. 0.088 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Tgt Ion: 42 Resp: 183557
Ion Ratio Lower Upper
42 100
74 134.8 96.6 144.8
44 7.3 5.4 8.2





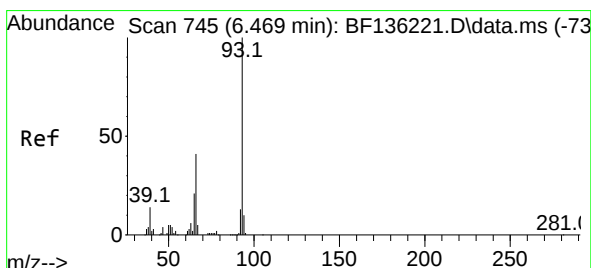
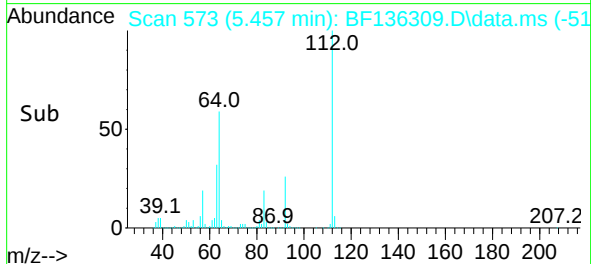
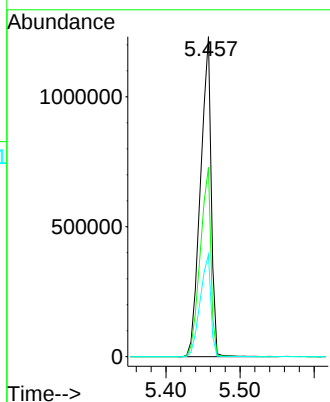
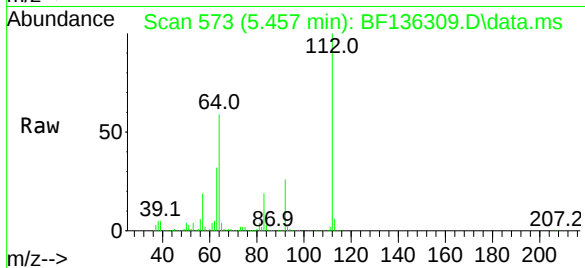
#5
2-Fluorophenol
Concen: 115.126 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

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Tgt Ion:112 Resp: 123794
Ion Ratio Lower Upper
112 100
64 59.1 48.2 72.4
63 31.9 27.0 40.6

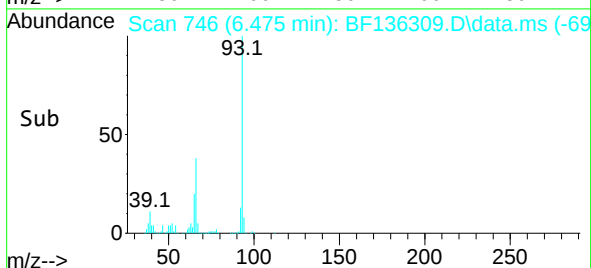
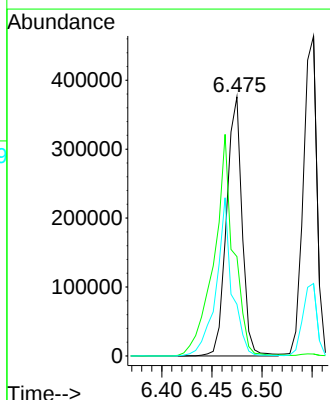
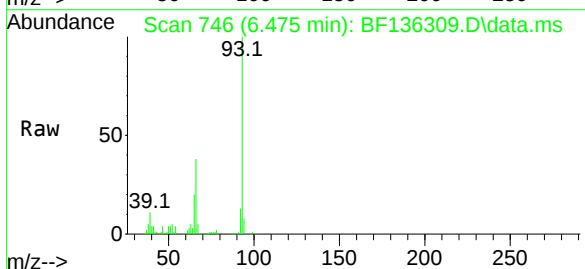
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#6
Aniline
Concen: 31.865 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

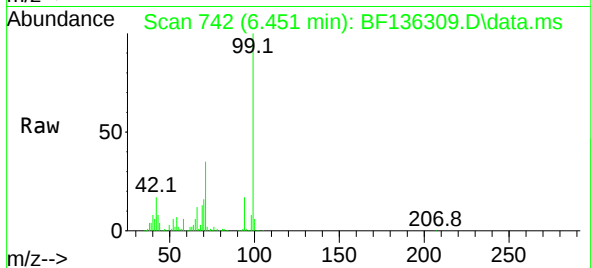
Tgt Ion: 93 Resp: 404940
Ion Ratio Lower Upper
93 100
66 38.3 34.1 51.1
65 19.9 17.3 25.9





#7
Phenol-d6
Concen: 114.047 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

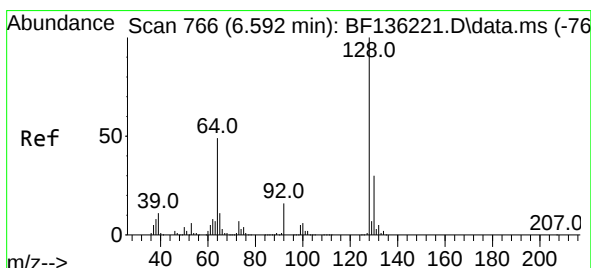
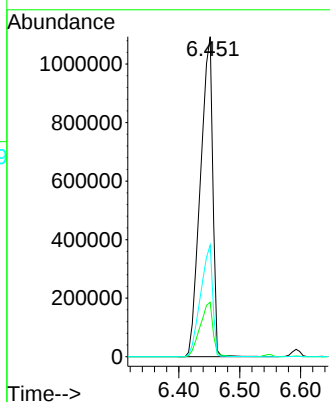
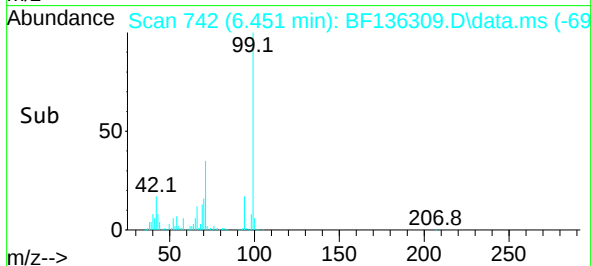
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Tgt Ion: 99 Resp: 153337
Ion Ratio Lower Upper
99 100
42 17.0 15.0 22.6
71 34.9 28.9 43.3

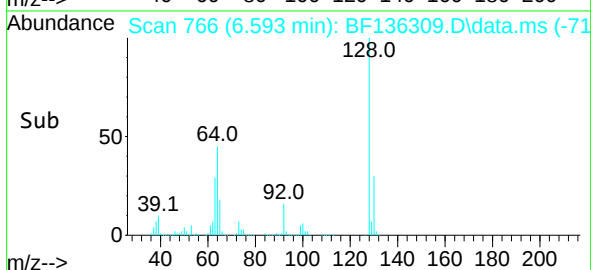
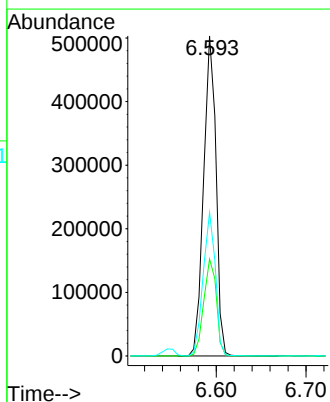
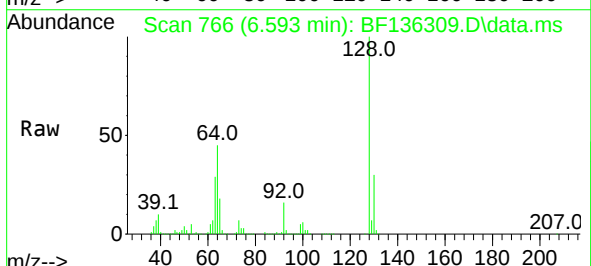
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#8
2-Chlorophenol
Concen: 41.223 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Tgt Ion:128 Resp: 482652
Ion Ratio Lower Upper
128 100
130 30.3 10.3 50.3
64 44.9 30.0 70.0





#9

Benzaldehyde

Concen: 3.134 ng

RT: 6.357 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136309.D

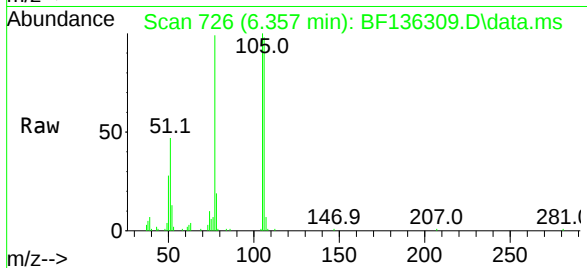
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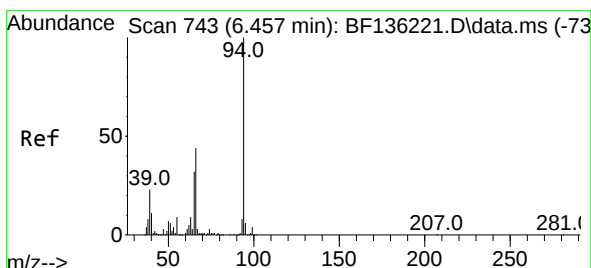
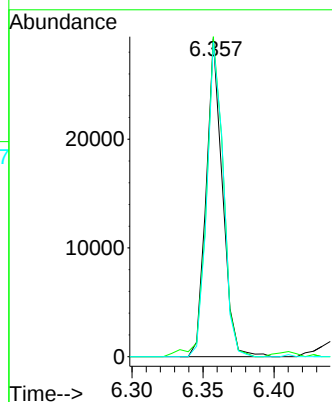
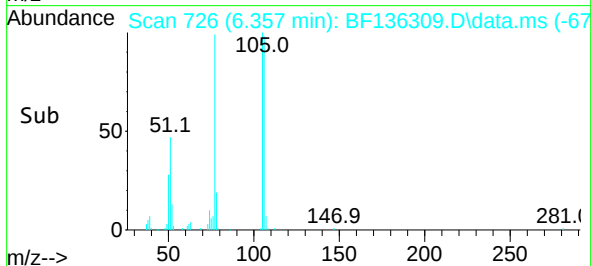
Tgt Ion:	77	Resp:	2348
Ion	Ratio	Lower	Upper
77	100		
105	100.6	84.3	124.3
106	98.9	71.0	111.0

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#10

Phenol

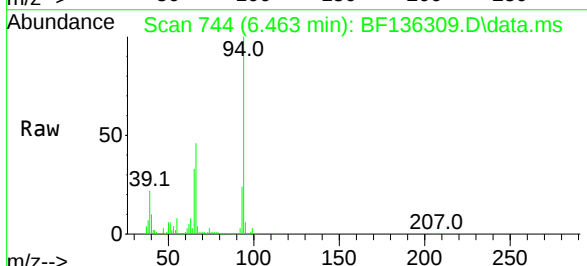
Concen: 40.097 ng

RT: 6.463 min Scan# 744

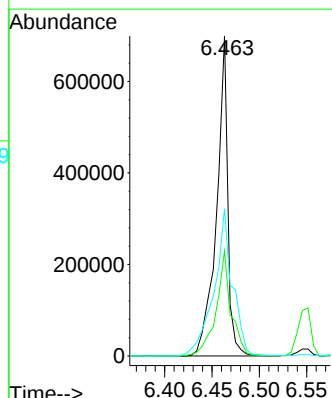
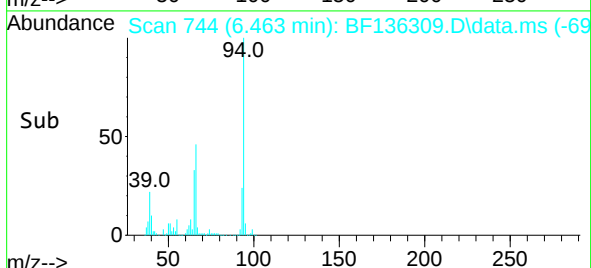
Delta R.T. 0.006 min

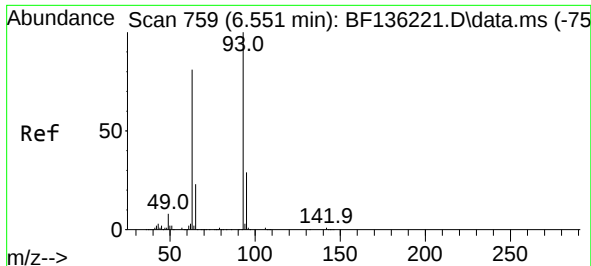
Lab File: BF136309.D

Acq: 30 Nov 2023 12:39



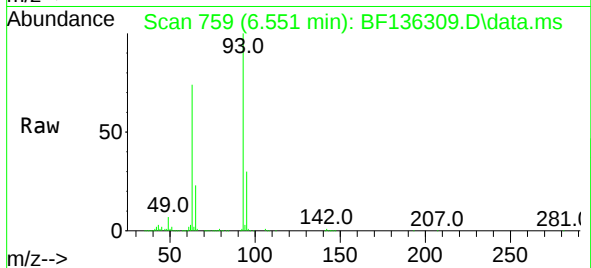
Tgt Ion:	94	Resp:	578375
Ion	Ratio	Lower	Upper
94	100		
65	32.8	12.5	52.5
66	46.0	24.1	64.1





#11
bis(2-Chloroethyl)ether
Concen: 40.731 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

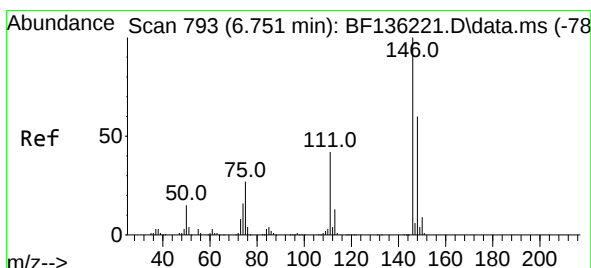
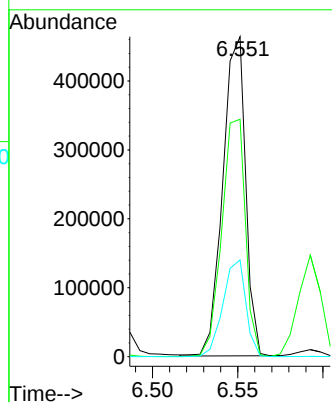
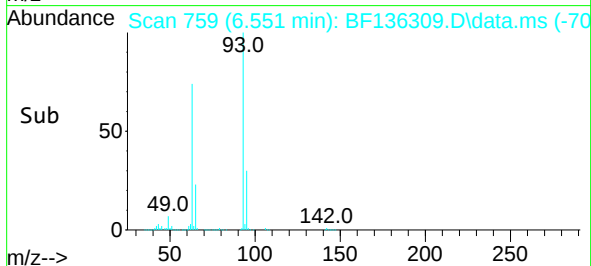
Instrument :
BNA_F
ClientSampleId :
PB157208BSD



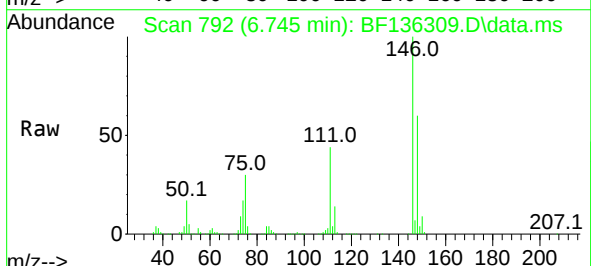
Tgt Ion: 93 Resp: 43101
Ion Ratio Lower Upper
93 100
63 74.2 60.2 100.2
95 30.2 9.1 49.1

Manual Integrations
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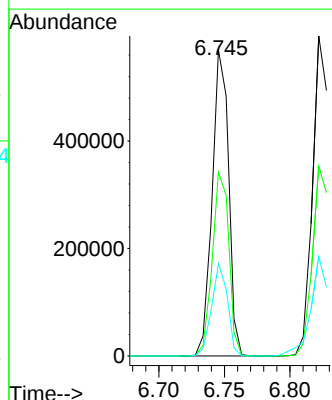
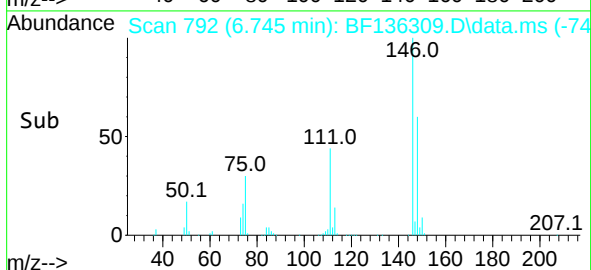
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

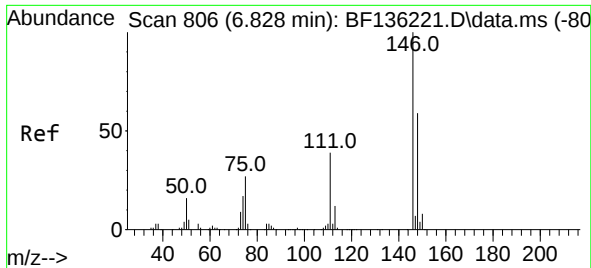


#12
1,3-Dichlorobenzene
Concen: 37.306 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39



Tgt Ion:146 Resp: 495691
Ion Ratio Lower Upper
146 100
148 60.0 47.8 71.6
75 30.1 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 37.679 ng

RT: 6.822 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

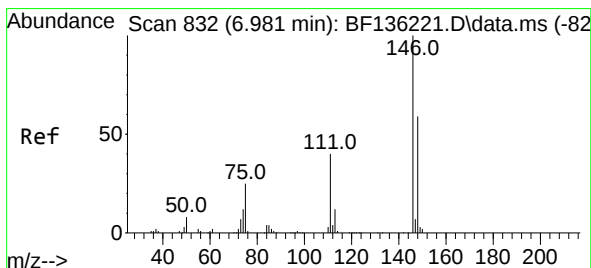
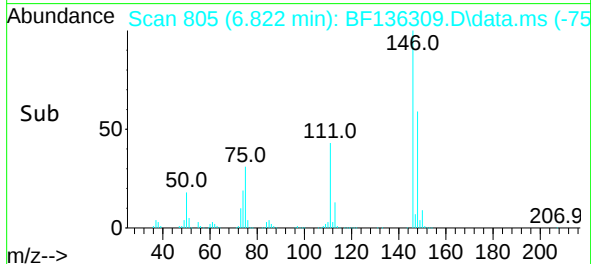
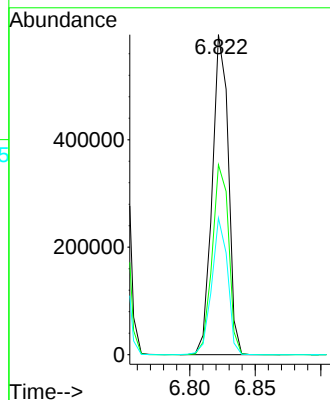
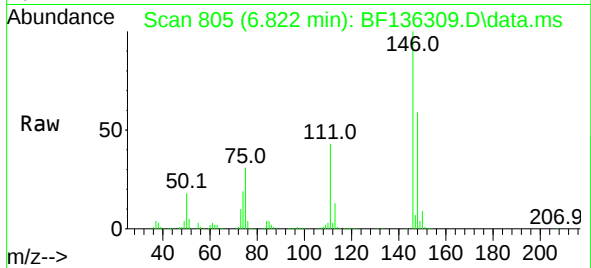
PB157208BSD

Tgt Ion:146 Resp: 508950
 Ion Ratio Lower Upper
 146 100
 148 59.3 47.0 70.6
 111 42.7 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023



#14

1,2-Dichlorobenzene

Concen: 37.821 ng

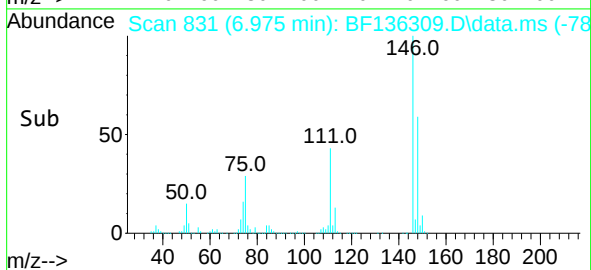
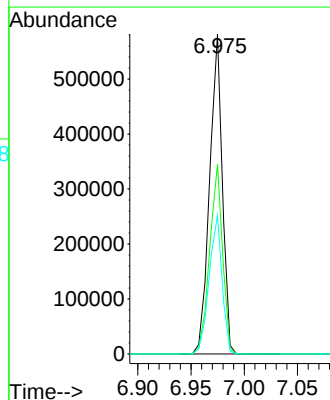
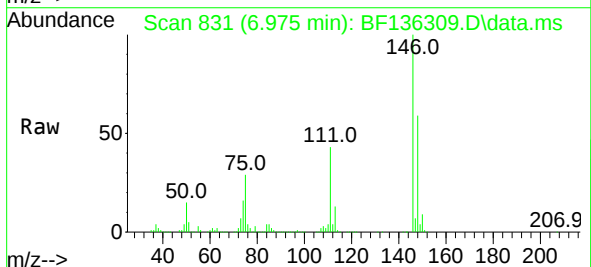
RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

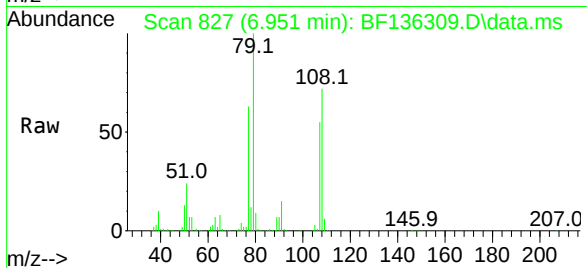
Tgt Ion:146 Resp: 483638
 Ion Ratio Lower Upper
 146 100
 148 59.4 47.3 70.9
 111 43.3 32.4 48.6





#15
Benzyl Alcohol
Concen: 41.019 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

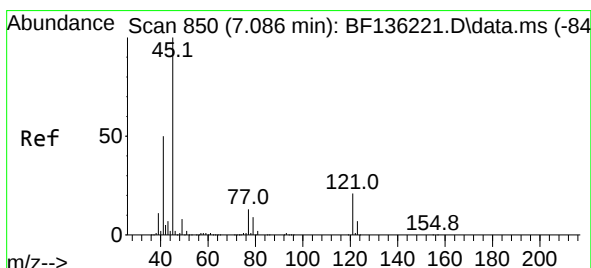
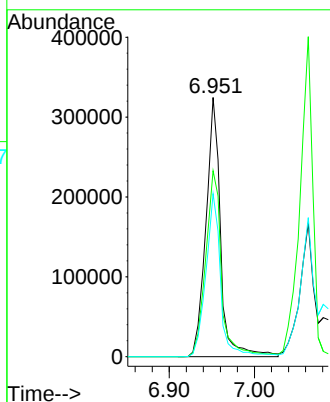
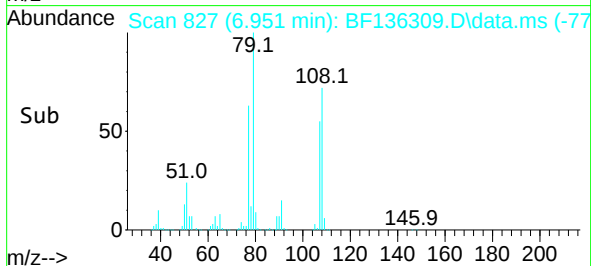
Instrument :
BNA_F
ClientSampleId :
PB157208BSD



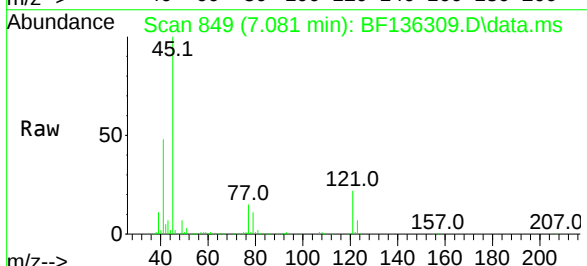
Tgt Ion: 79 Resp: 386674
Ion Ratio Lower Upper
79 100
108 71.7 58.1 87.1
77 62.9 51.8 77.8

Manual Integrations
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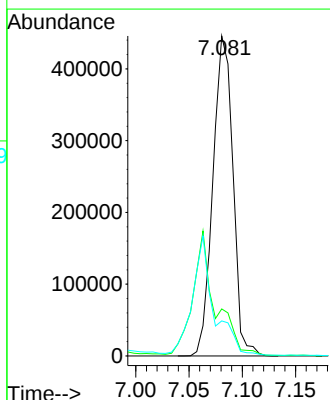
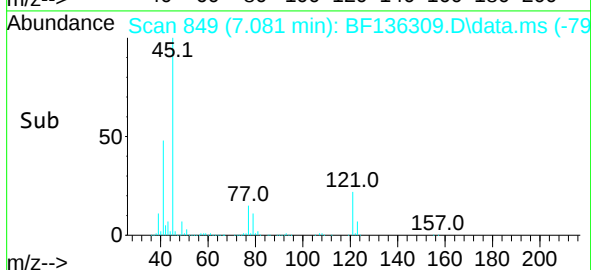
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

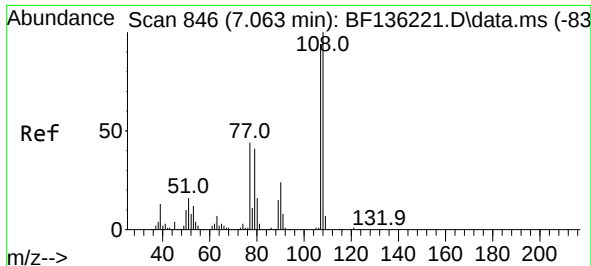


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.661 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39



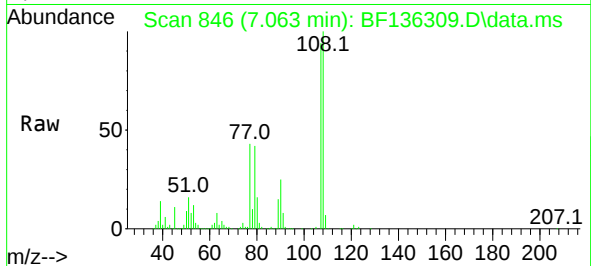
Tgt Ion: 45 Resp: 582951
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.0
79 10.9 0.0 30.1





#17
2-Methylphenol
Concen: 41.551 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

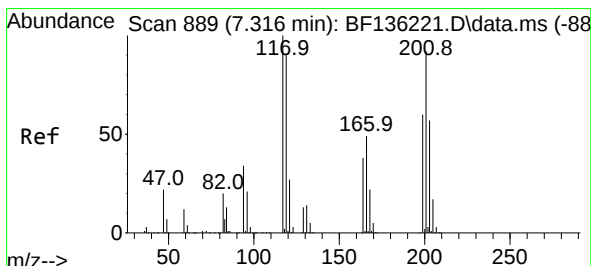
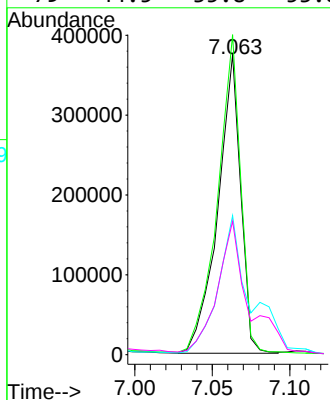
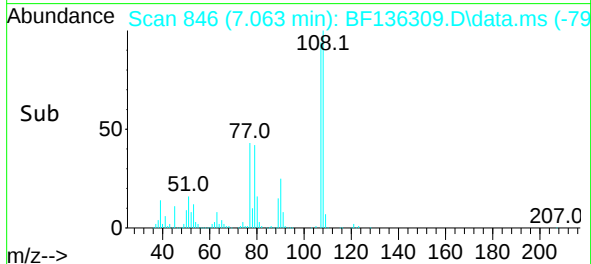
Instrument :
BNA_F
ClientSampleId :
PB157208BSD



Tgt Ion:107 Resp: 382470
Ion Ratio Lower Upper
107 100
108 106.6 85.4 128.0
77 46.3 37.4 56.2
79 44.5 35.8 53.8

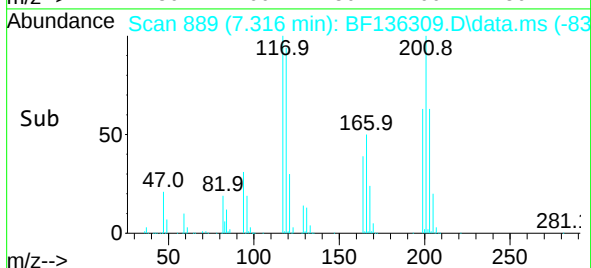
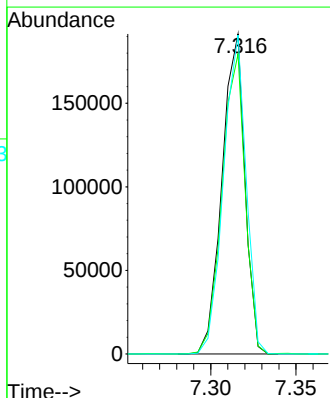
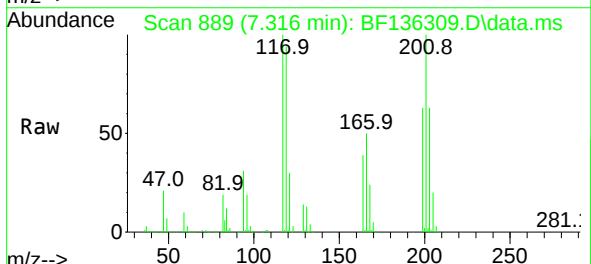
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#18
Hexachloroethane
Concen: 37.612 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

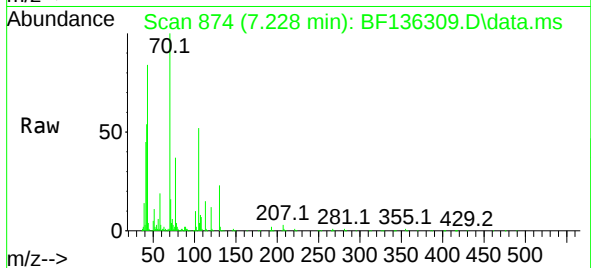
Tgt Ion:117 Resp: 178199
Ion Ratio Lower Upper
117 100
119 93.8 71.6 107.4
201 99.7 73.4 110.2





#19
n-Nitroso-di-n-propylamine
Concen: 39.999 ng
RT: 7.228 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

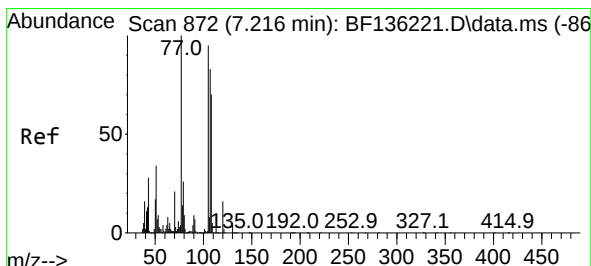
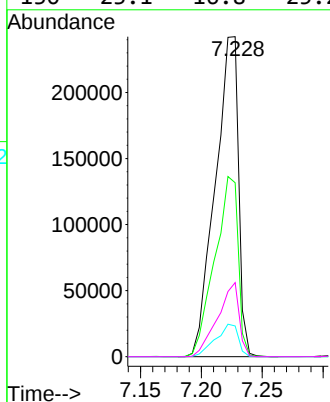
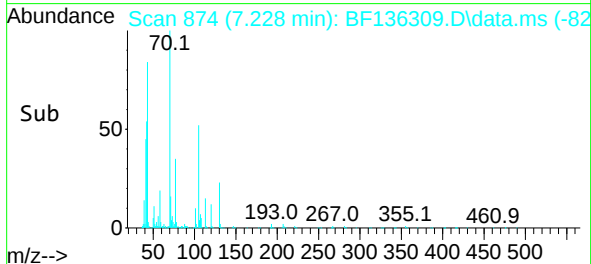
Instrument :
BNA_F
ClientSampleId :
PB157208BSD



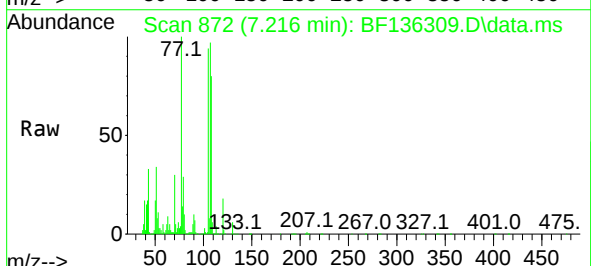
Tgt Ion: 70 Resp: 321649
Ion Ratio Lower Upper
70 100
42 54.4 47.0 70.4
101 9.6 7.8 11.8
130 23.1 16.8 25.2

Manual Integrations
APPROVED

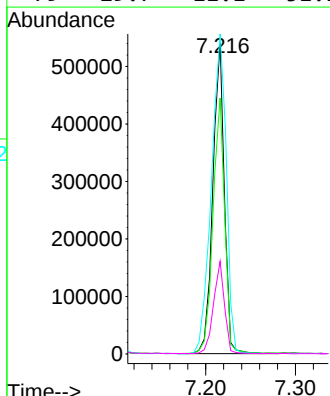
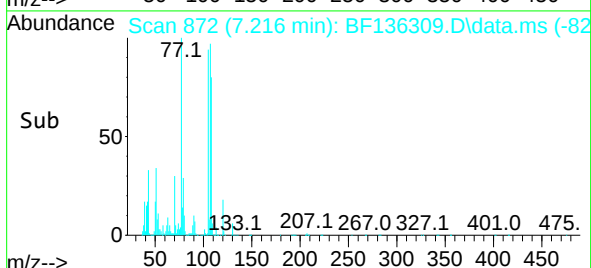
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#20
3+4-Methylphenols
Concen: 40.050 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39



Tgt Ion:107 Resp: 479111
Ion Ratio Lower Upper
107 100
108 82.1 63.9 103.9
77 102.6 100.2 140.2
79 29.7 11.1 51.1





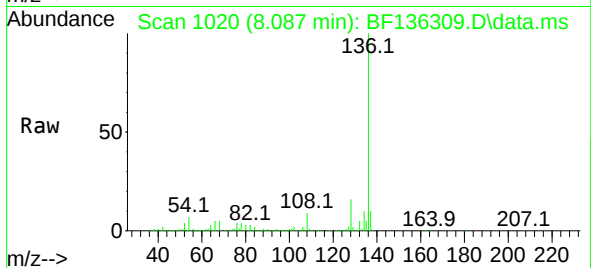
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB157208BSD

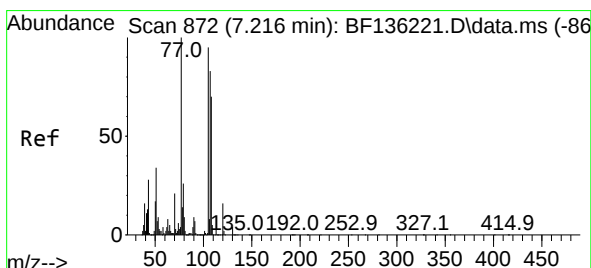
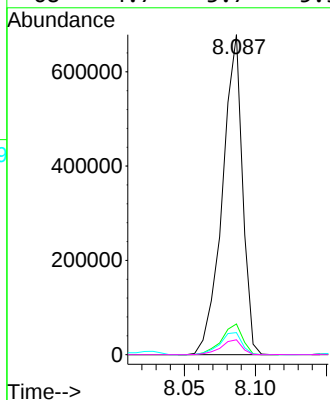
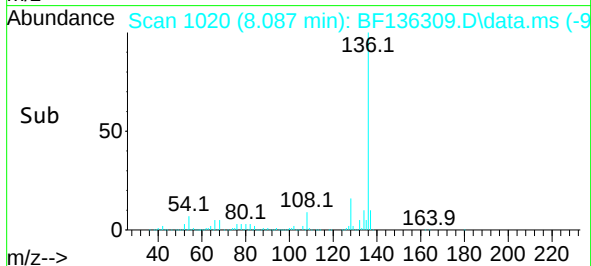


Tgt Ion:136 Resp: 667172
Ion Ratio Lower Upper
136 100
137 9.6 7.4 11.2
54 6.9 5.5 8.3
68 4.7 3.7 5.5

Manual Integrations

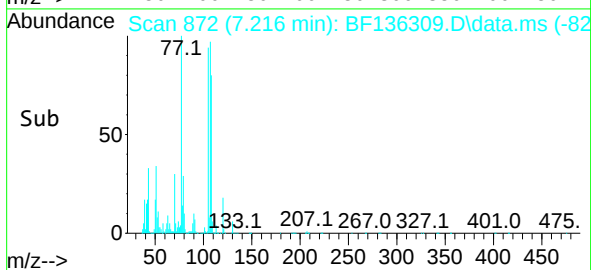
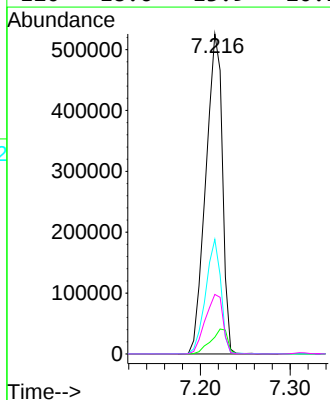
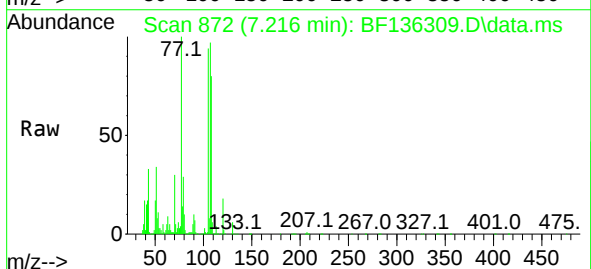
APPROVED

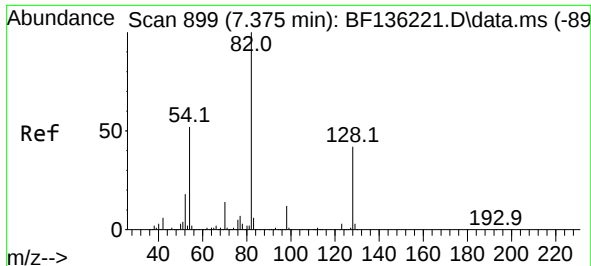
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#22
Acetophenone
Concen: 38.521 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Tgt Ion:105 Resp: 674962
Ion Ratio Lower Upper
105 100
71 5.2 2.8 4.2#
51 35.8 29.0 43.6
120 18.6 13.9 20.9





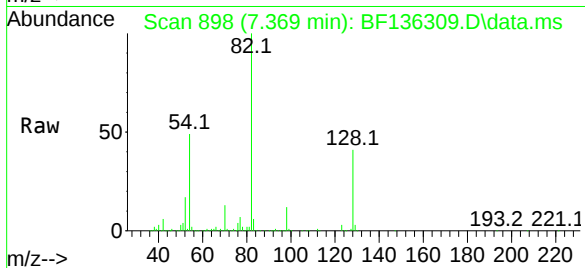
#23
Nitrobenzene-d5
Concen: 74.285 ng
RT: 7.369 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB157208BSD

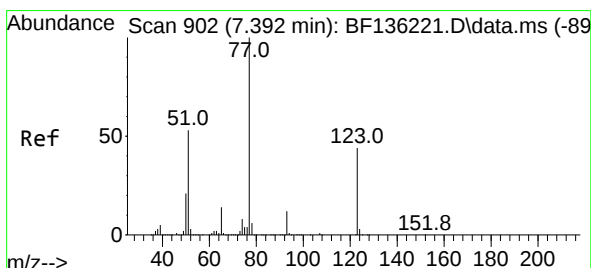
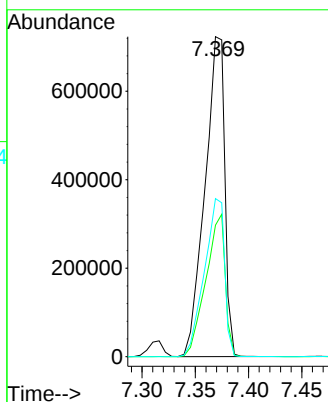
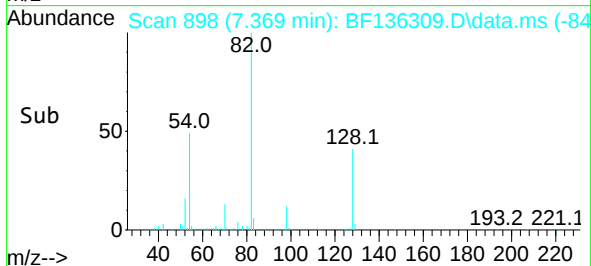


Tgt Ion: 82 Resp: 937884
Ion Ratio Lower Upper
82 100
128 41.1 33.4 50.2
54 49.4 41.7 62.5

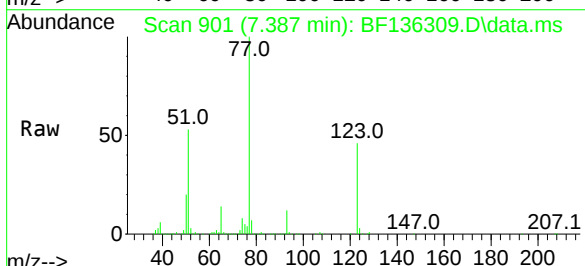
Manual Integrations

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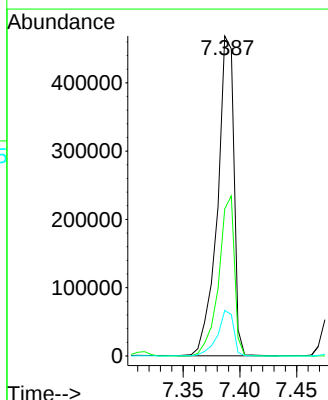
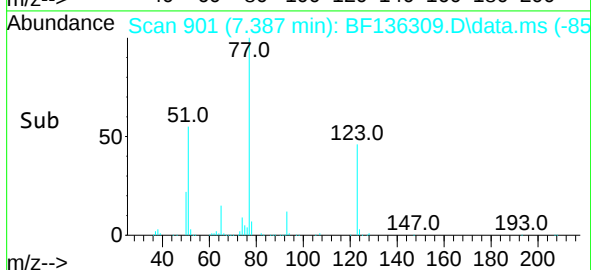
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#24
Nitrobenzene
Concen: 37.094 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39



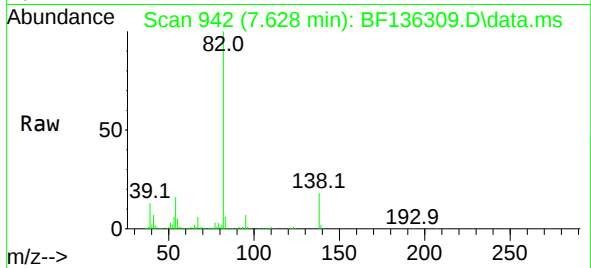
Tgt Ion: 77 Resp: 474603
Ion Ratio Lower Upper
77 100
123 46.0 35.4 53.2
65 14.2 11.0 16.6





#25
Isophorone
Concen: 39.363 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

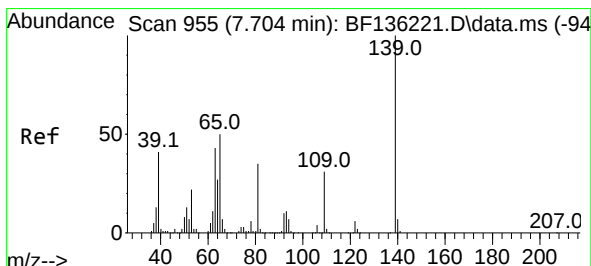
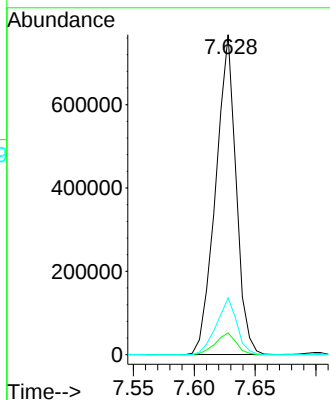
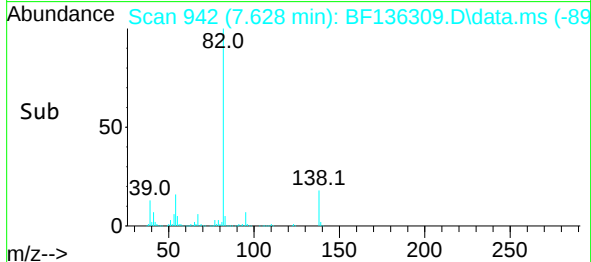
Instrument :
BNA_F
ClientSampleId :
PB157208BSD



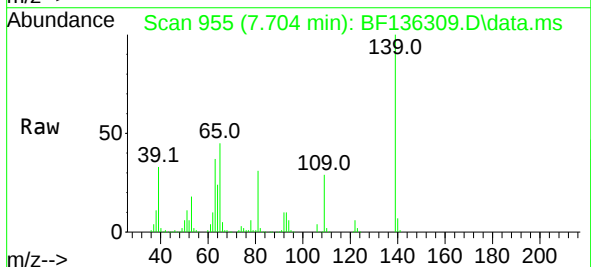
Tgt Ion: 82 Resp: 896120
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.7 12.8 19.2

Manual Integrations
APPROVED

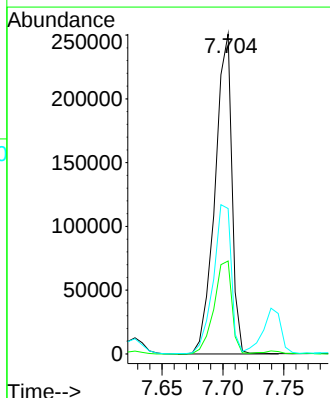
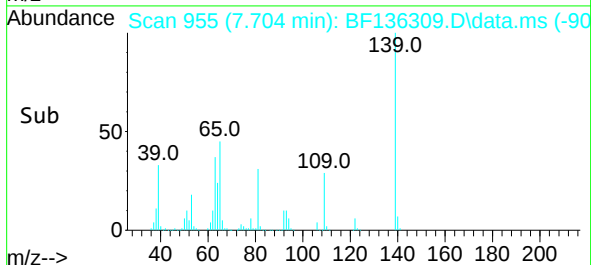
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

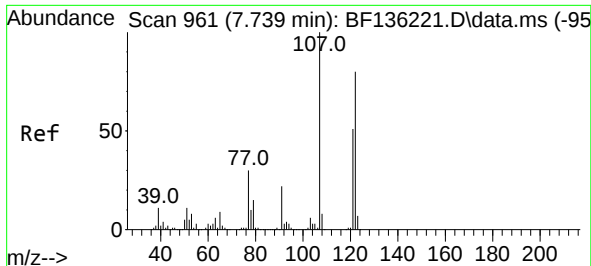


#26
2-Nitrophenol
Concen: 44.485 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39



Tgt Ion:139 Resp: 242503
Ion Ratio Lower Upper
139 100
109 29.0 25.0 37.6
65 45.4 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 53.204 ng

RT: 7.745 min Scan# 961

Delta R.T. 0.006 min

Lab File: BF136309.D

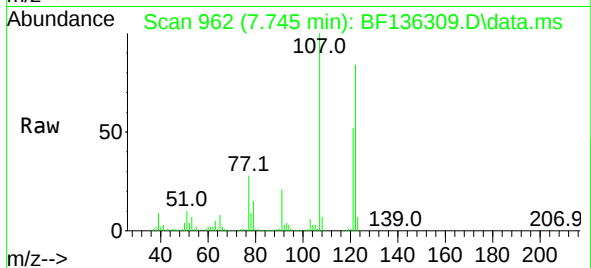
Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB157208BSD



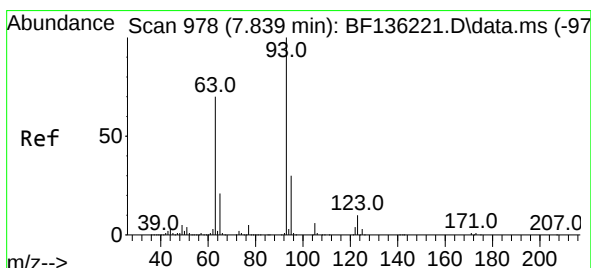
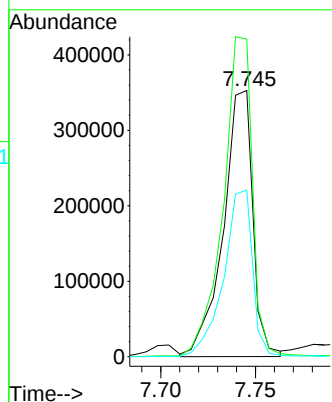
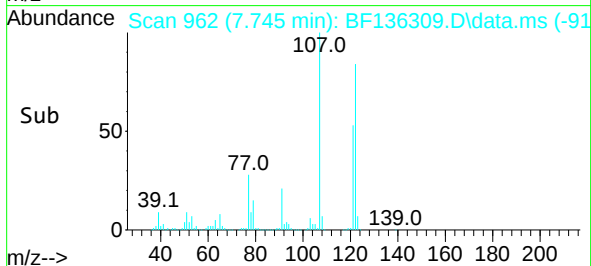
Tgt Ion:	122	Resp:	38175
Ion	Ratio	Lower	Upper
122	100		
107	119.3	100.0	150.0
121	62.6	50.7	76.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#28

bis(2-Chloroethoxy)methane

Concen: 39.580 ng

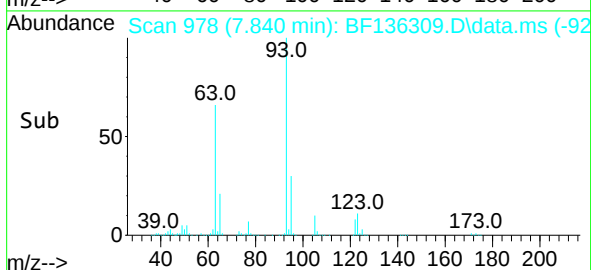
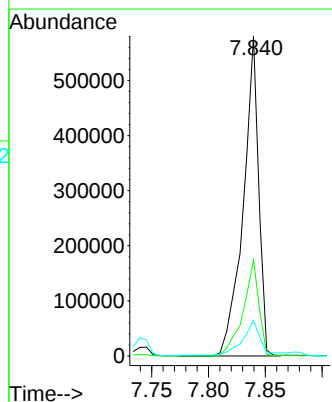
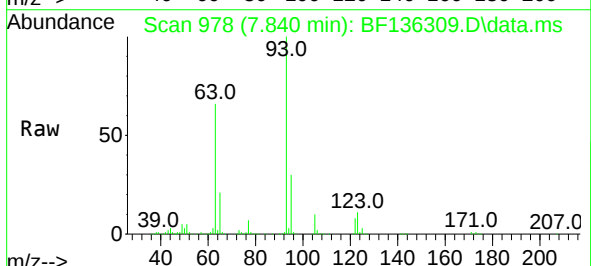
RT: 7.840 min Scan# 978

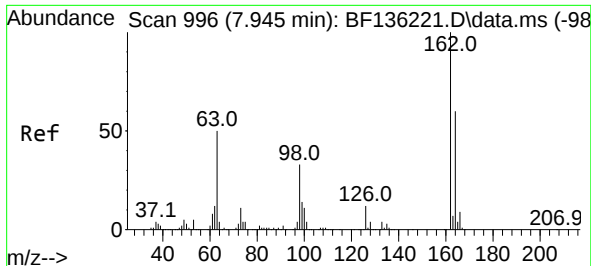
Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Tgt Ion:	93	Resp:	545028
Ion	Ratio	Lower	Upper
93	100		
95	29.9	23.8	35.6
123	11.1	8.2	12.4





#29

2,4-Dichlorophenol

Concen: 41.581 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB157208BSD

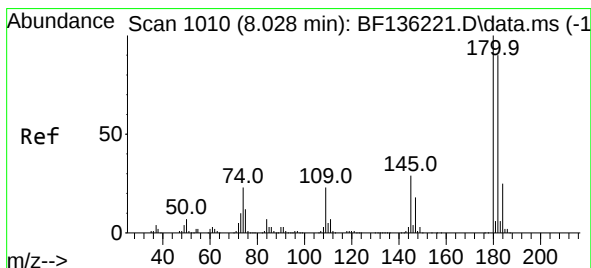
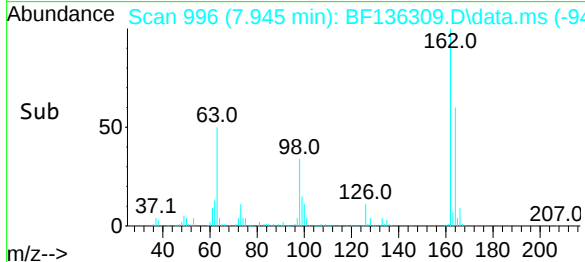
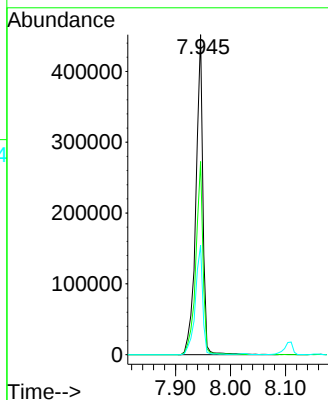
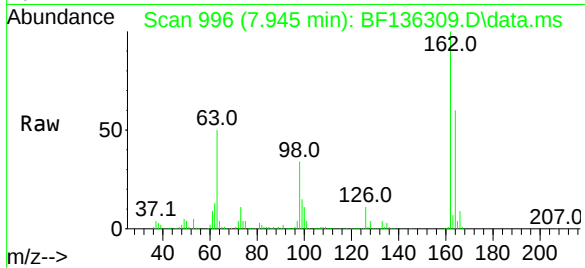
Tgt Ion:162 Resp: 402420
 Ion Ratio Lower Upper
 162 100
 164 60.3 40.3 80.3
 98 34.1 13.0 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 37.744 ng

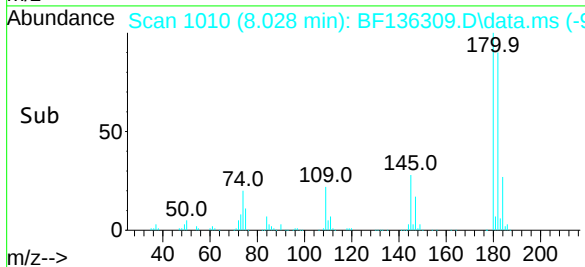
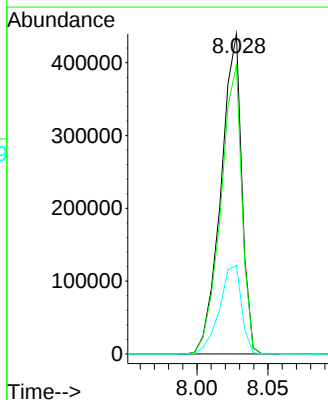
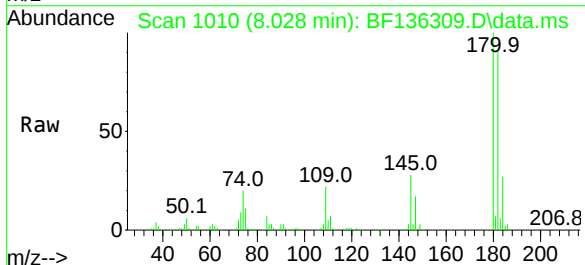
RT: 8.028 min Scan# 1010

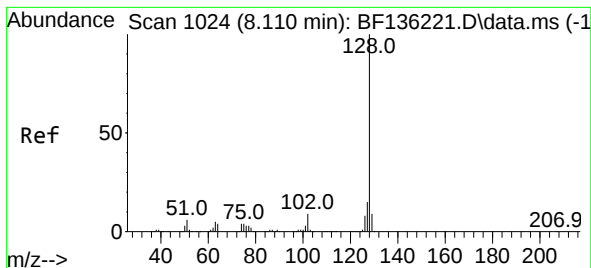
Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Tgt Ion:180 Resp: 447234
 Ion Ratio Lower Upper
 180 100
 182 90.4 71.6 107.4
 145 27.6 23.0 34.4





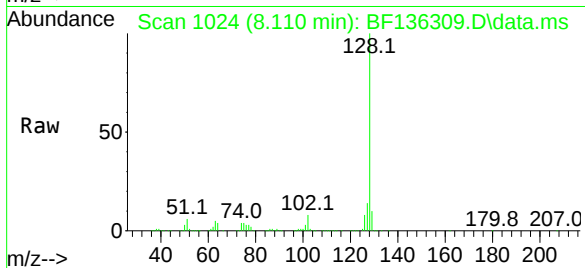
#31
Naphthalene
Concen: 38.482 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB157208BSD



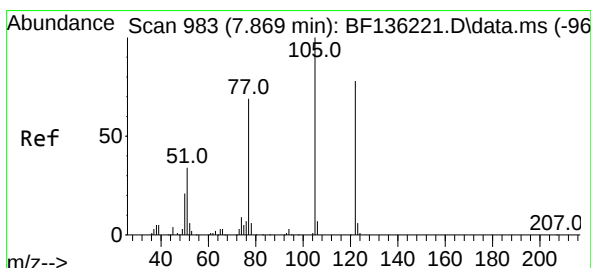
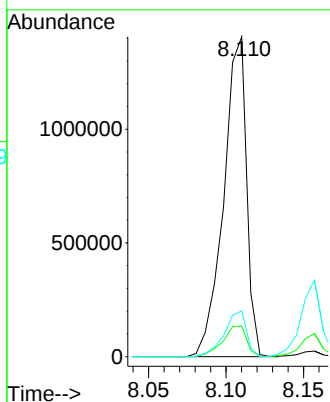
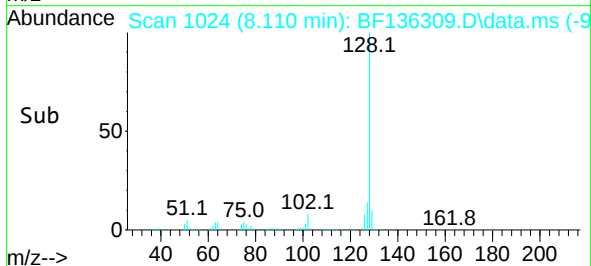
Tgt Ion:128 Resp: 1443090
Ion Ratio Lower Upper
128 100
129 9.6 7.3 10.9
127 14.3 11.8 17.6

Manual Integrations

APPROVED

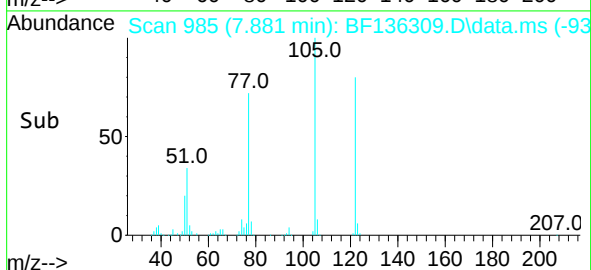
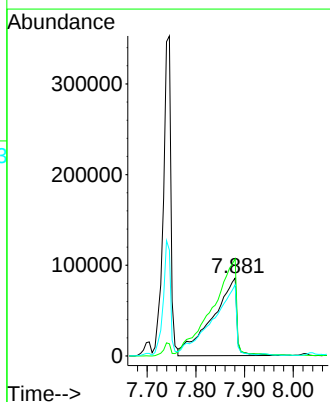
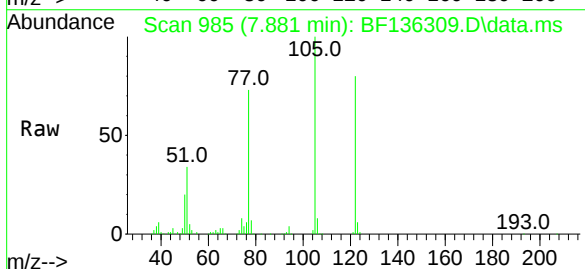
Reviewed By :Yogesh Patel 12/01/2023

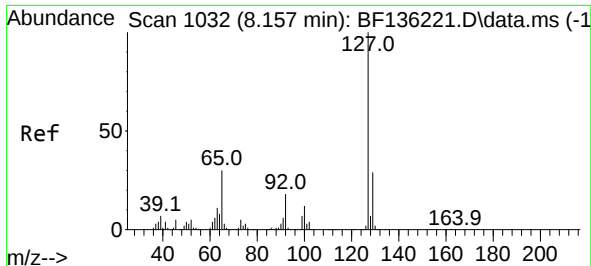
Supervised By :mohammad ahmed 12/01/2023



#32
Benzoic acid
Concen: 45.416 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Tgt Ion:122 Resp: 296991
Ion Ratio Lower Upper
122 100
105 124.7 103.7 143.7
77 91.5 66.8 106.8





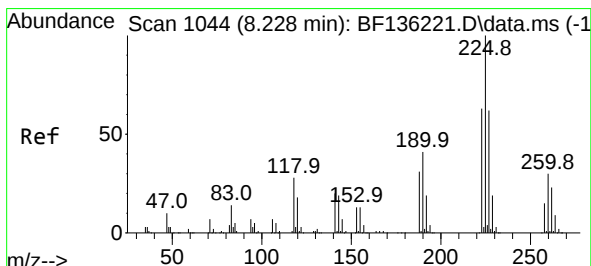
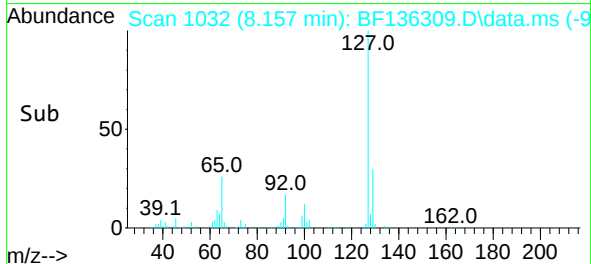
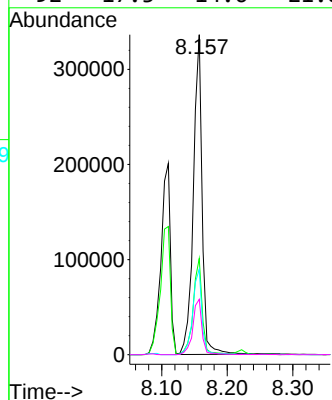
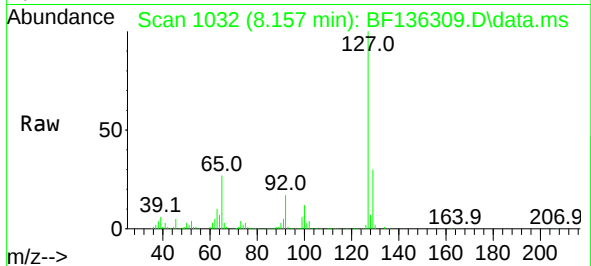
#33
4-Chloroaniline
Concen: 24.620 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Instrument :
BNA_F
ClientSampleId :
PB157208BSD

Tgt Ion:	127	Resp:	313834
Ion	Ratio	Lower	Upper
127	100		
129	30.1	23.4	35.2
65	26.7	23.8	35.6
92	17.3	14.6	21.8

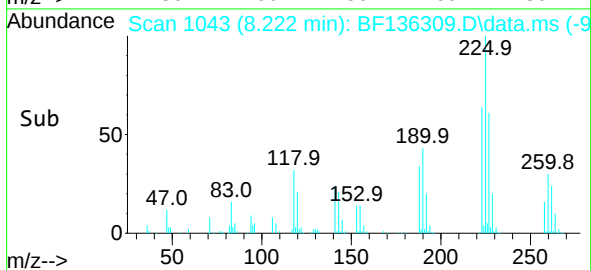
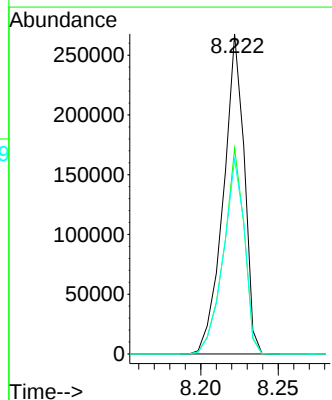
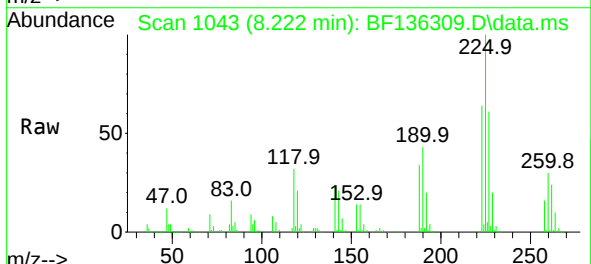
Manual Integrations
APPROVED

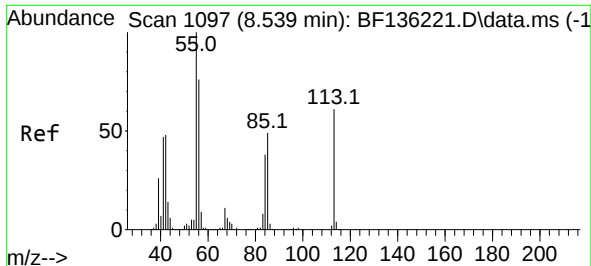
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#34
Hexachlorobutadiene
Concen: 36.092 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

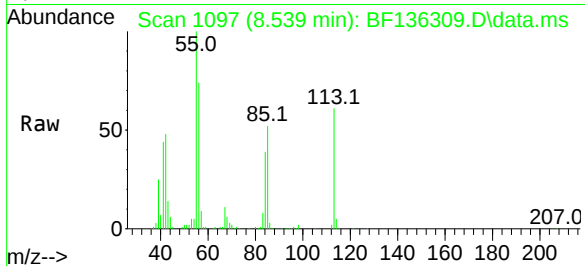
Tgt Ion:	225	Resp:	250197
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	75.8
227	60.9	49.6	74.4





#35
Caprolactam
Concen: 43.133 ng m
RT: 8.539 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

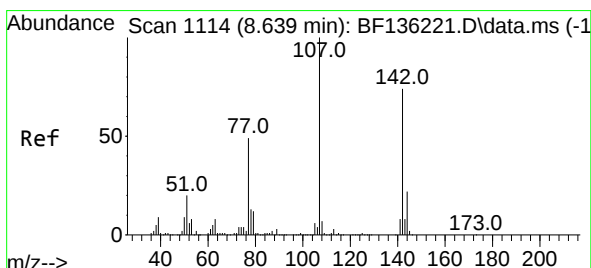
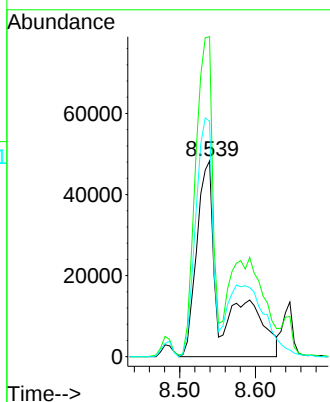
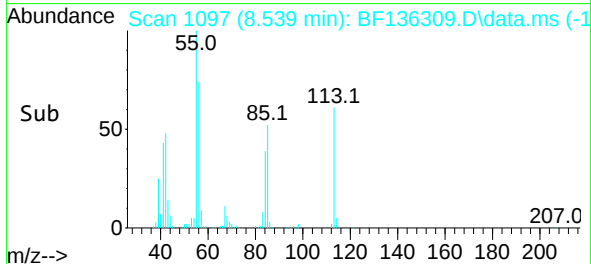
Instrument :
BNA_F
ClientSampleId :
PB157208BSD



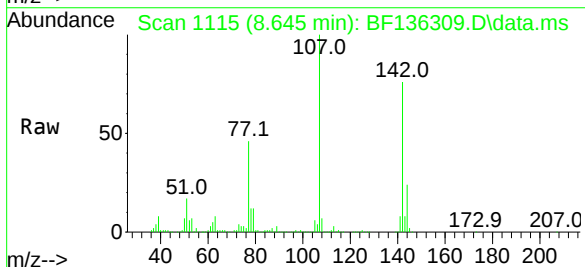
Tgt Ion:113 Resp: 11669
Ion Ratio Lower Upper
113 100
55 163.5 143.1 183.1
56 120.3 103.6 143.6

Manual Integrations
APPROVED

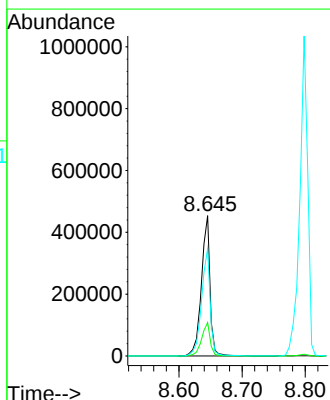
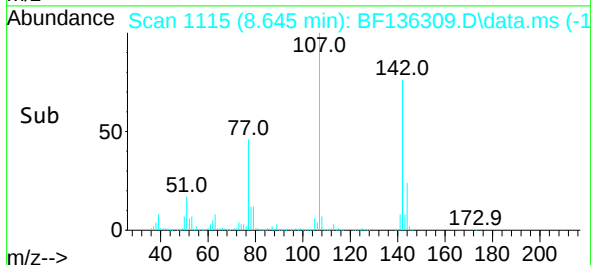
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

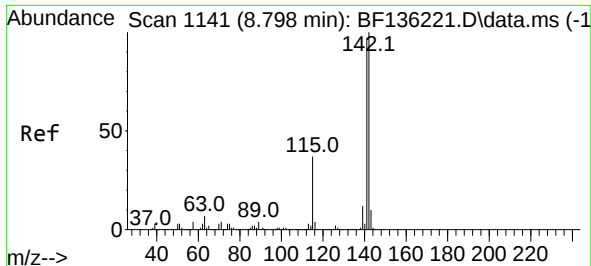


#36
4-Chloro-3-methylphenol
Concen: 41.175 ng
RT: 8.645 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39



Tgt Ion:107 Resp: 432196
Ion Ratio Lower Upper
107 100
144 23.8 17.8 26.8
142 76.4 59.4 89.0





#37

2-Methylnaphthalene

Concen: 38.746 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB157208BSD

Tgt Ion:142 Resp: 911434

Ion Ratio Lower Upper

142 100

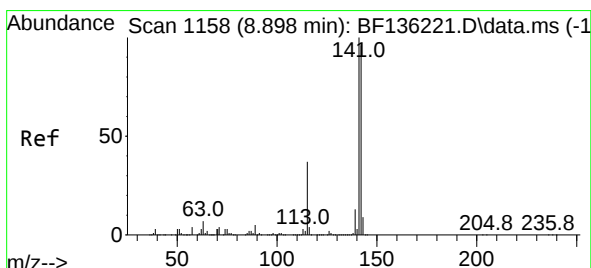
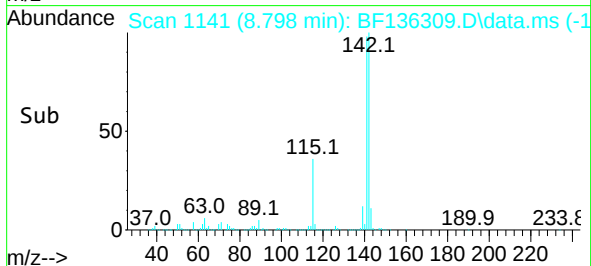
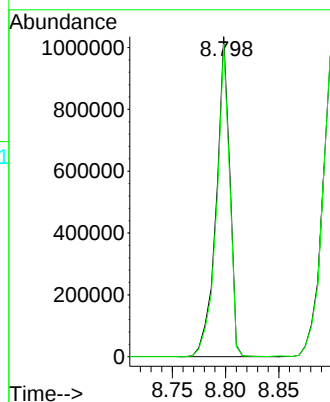
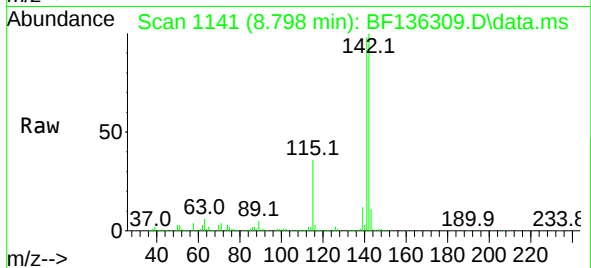
141 97.6 77.8 116.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#38

1-Methylnaphthalene

Concen: 37.785 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136309.D

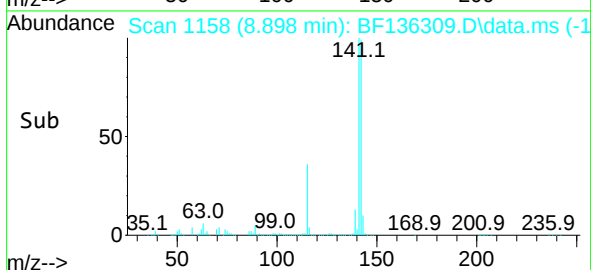
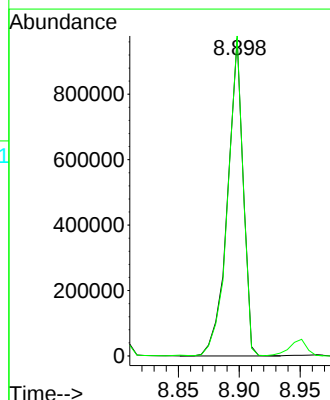
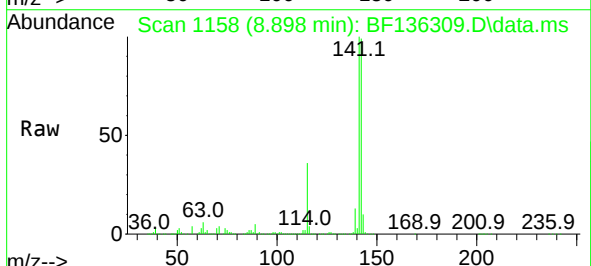
Acq: 30 Nov 2023 12:39

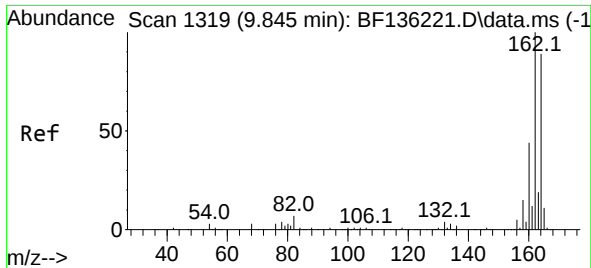
Tgt Ion:142 Resp: 867075

Ion Ratio Lower Upper

142 100

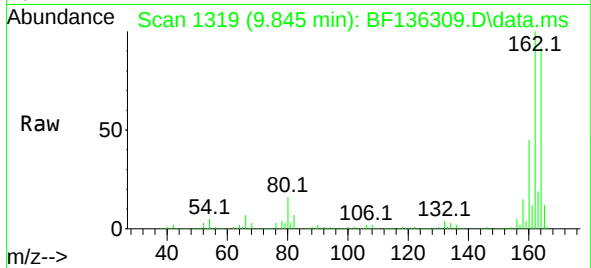
141 100.8 83.8 125.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

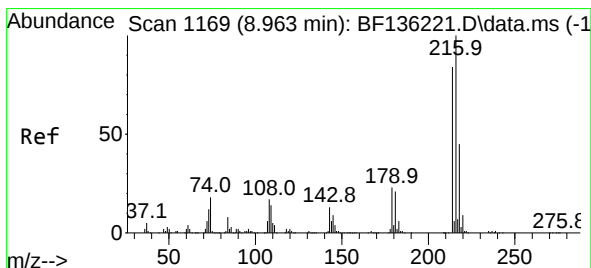
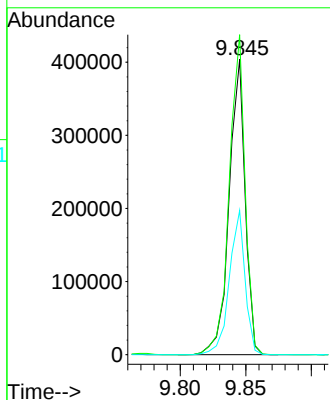
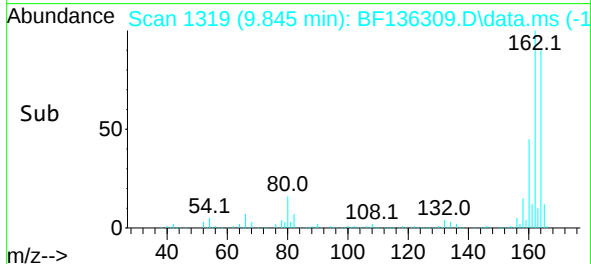
Instrument :
BNA_F
ClientSampleId :
PB157208BSD



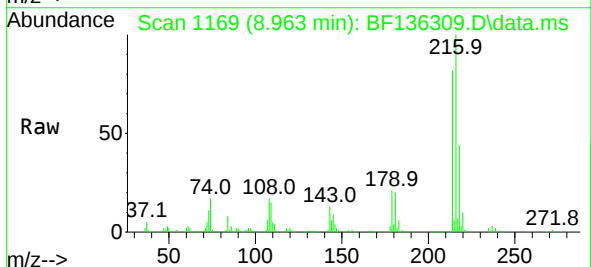
Tgt Ion:164 Resp: 343830
Ion Ratio Lower Upper
164 100
162 108.3 89.5 134.3
160 48.8 39.6 59.4

Manual Integrations
APPROVED

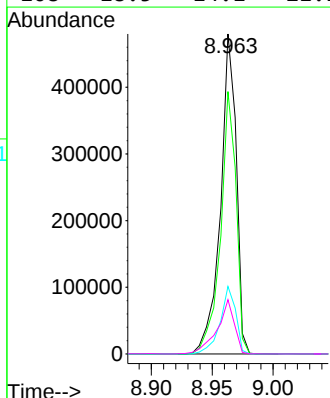
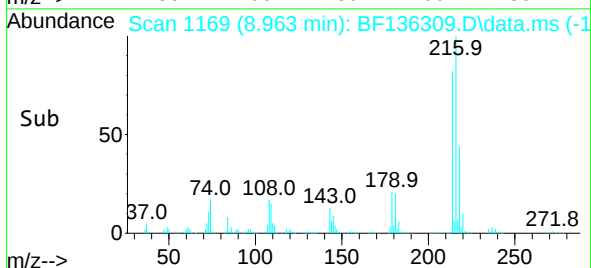
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

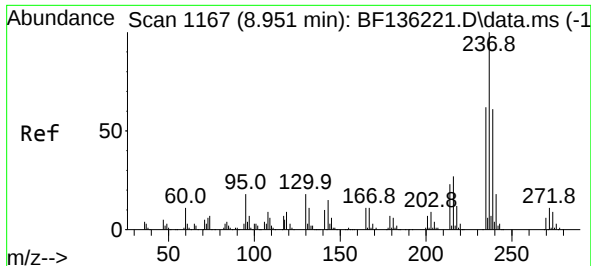


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.588 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39



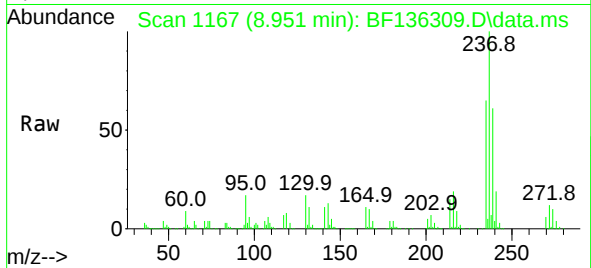
Tgt Ion:216 Resp: 433192
Ion Ratio Lower Upper
216 100
214 80.5 65.8 98.8
179 21.0 17.4 26.0
108 18.5 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 102.631 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

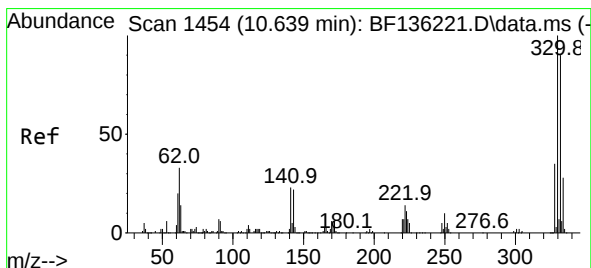
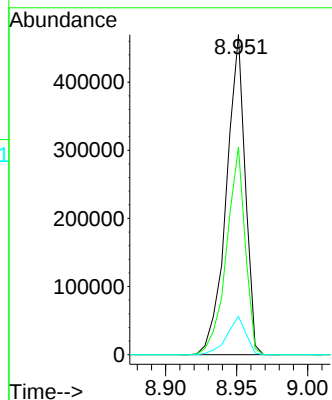
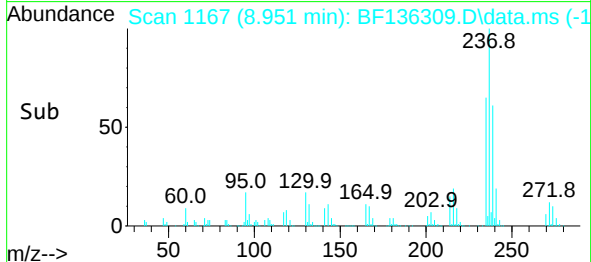
Instrument :
BNA_F
ClientSampleId :
PB157208BSD



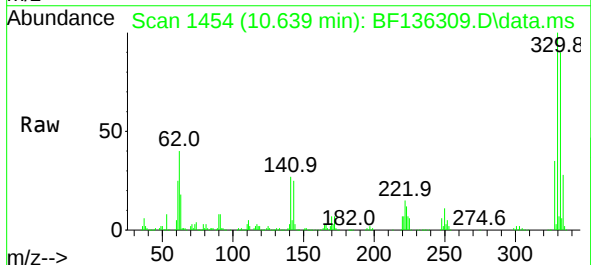
Tgt Ion:237 Resp: 43213
Ion Ratio Lower Upper
237 100
235 64.9 42.1 82.1
272 12.0 0.0 31.0

Manual Integrations
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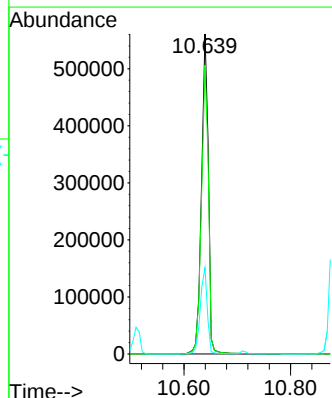
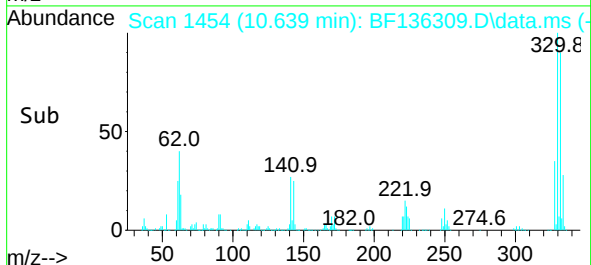
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

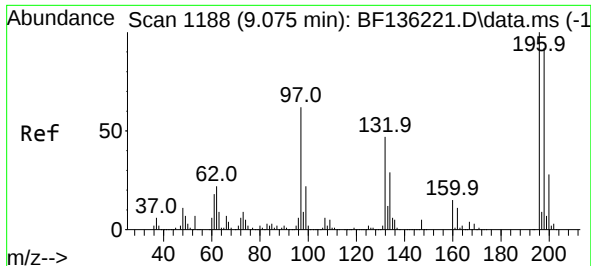


#42
2,4,6-Tribromophenol
Concen: 119.809 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39



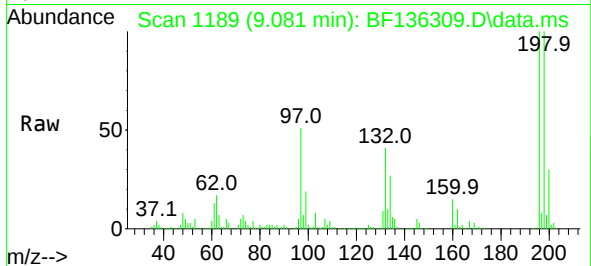
Tgt Ion:330 Resp: 503637
Ion Ratio Lower Upper
330 100
332 92.2 73.0 109.6
141 27.7 24.2 36.2





#43
2,4,6-Trichlorophenol
Concen: 41.459 ng
RT: 9.081 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

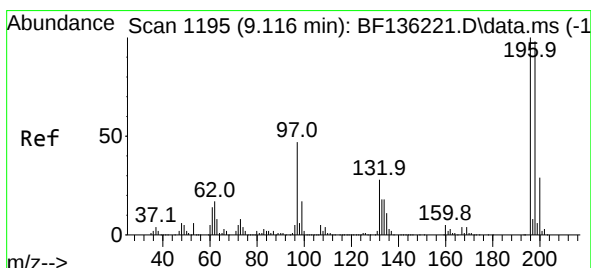
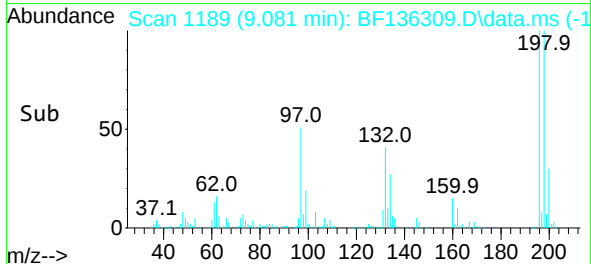
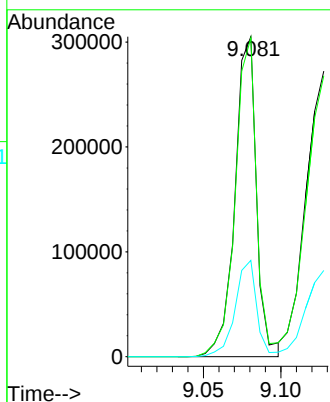
Instrument :
BNA_F
ClientSampleId :
PB157208BSD



Tgt Ion:196 Resp: 294462
Ion Ratio Lower Upper
196 100
198 99.6 73.2 109.8
200 30.1 22.4 33.6

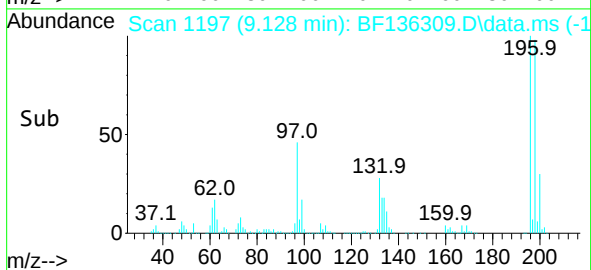
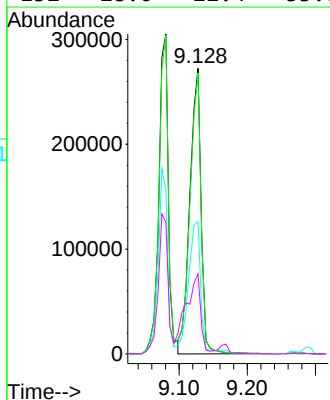
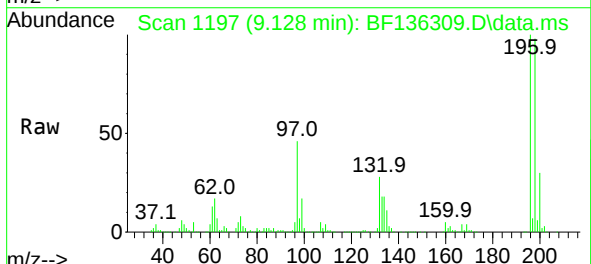
Manual Integrations
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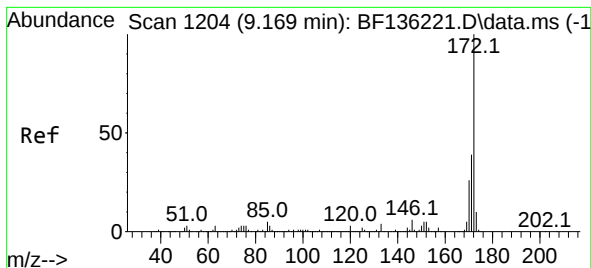
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#44
2,4,5-Trichlorophenol
Concen: 39.937 ng
RT: 9.128 min Scan# 1197
Delta R.T. 0.012 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Tgt Ion:196 Resp: 309551
Ion Ratio Lower Upper
196 100
198 98.4 78.8 118.2
97 46.2 37.8 56.8
132 28.0 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 72.928 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB157208BSD

Tgt Ion:172 Resp: 196313

Ion Ratio Lower Upper

172 100

171 38.8 31.5 47.3

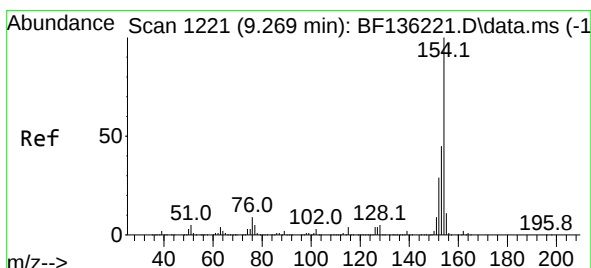
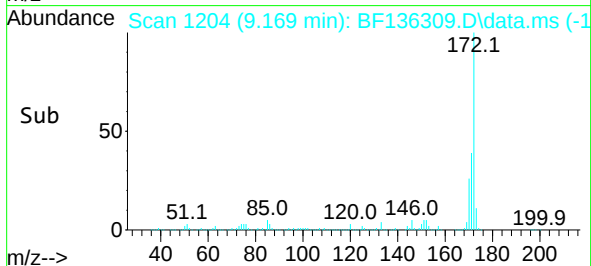
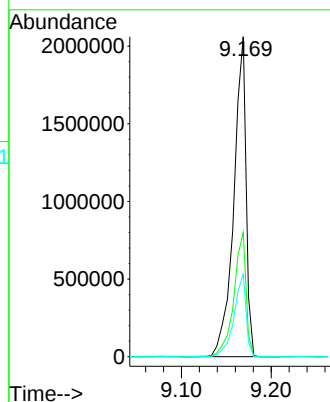
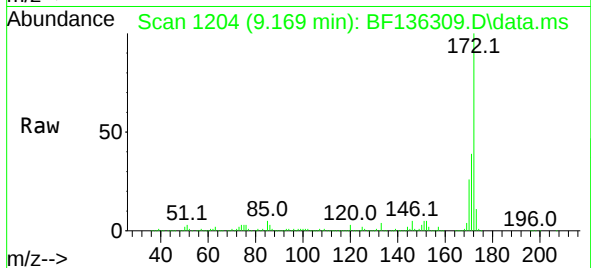
170 25.8 20.8 31.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#46

1,1'-Biphenyl

Concen: 39.350 ng

RT: 9.269 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

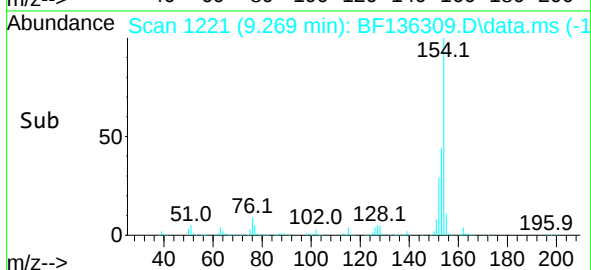
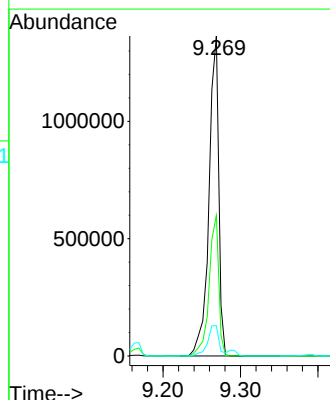
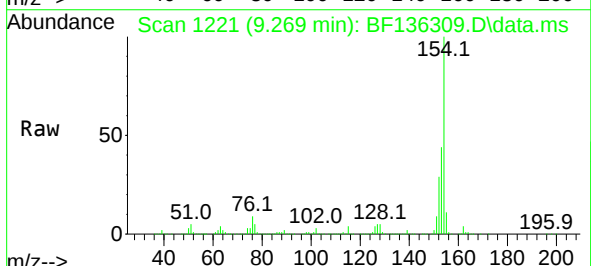
Tgt Ion:154 Resp: 1193138

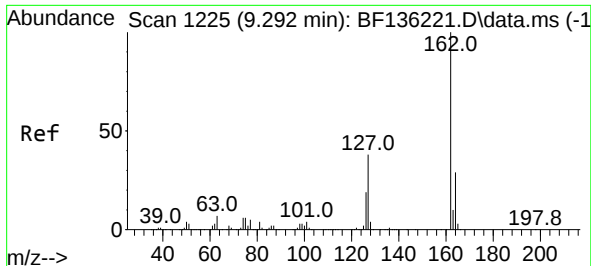
Ion Ratio Lower Upper

154 100

153 43.9 24.6 64.6

76 9.5 0.0 29.4





#47

2-Chloronaphthalene

Concen: 38.452 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

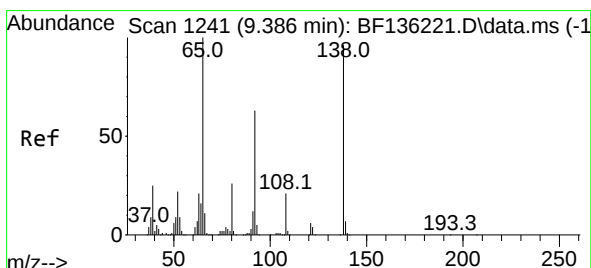
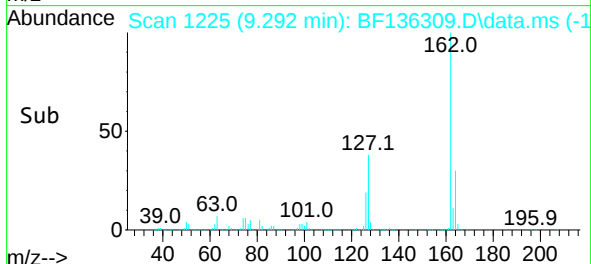
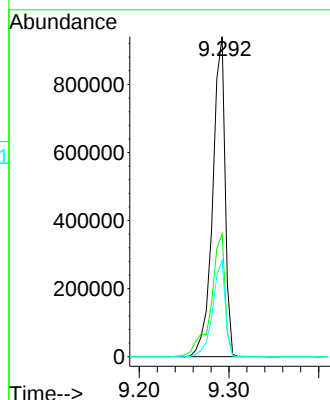
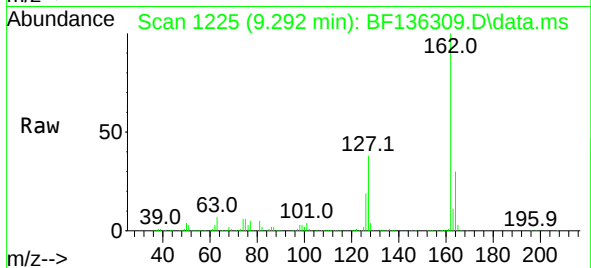
PB157208BSD

Tgt Ion:162 Resp: 905434
 Ion Ratio Lower Upper
 162 100
 127 38.4 30.2 45.2
 164 30.0 22.8 34.2

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Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023



#48

2-Nitroaniline

Concen: 42.149 ng

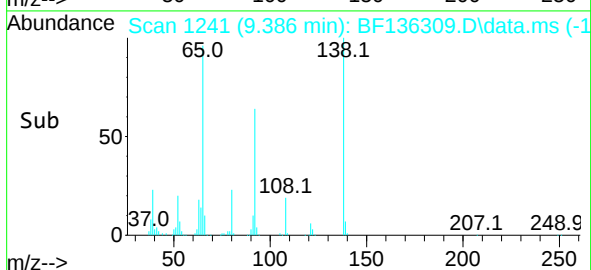
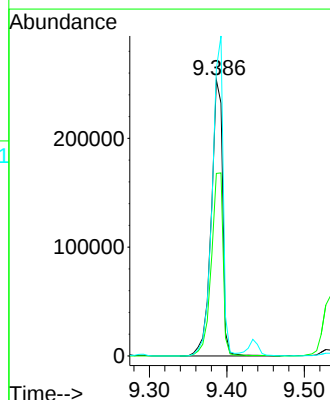
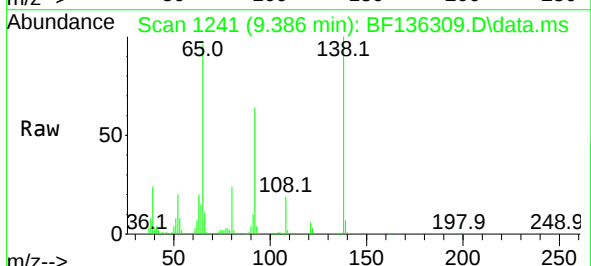
RT: 9.386 min Scan# 1241

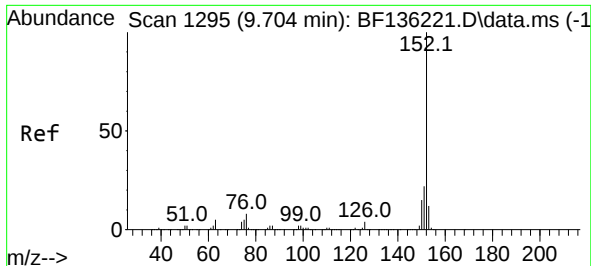
Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

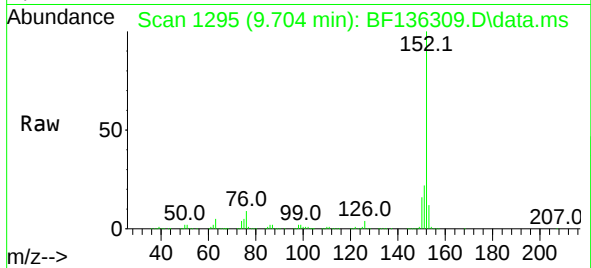
Tgt Ion: 65 Resp: 259119
 Ion Ratio Lower Upper
 65 100
 92 66.2 50.6 75.8
 138 104.0 76.7 115.1





#49
Acenaphthylene
Concen: 41.936 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

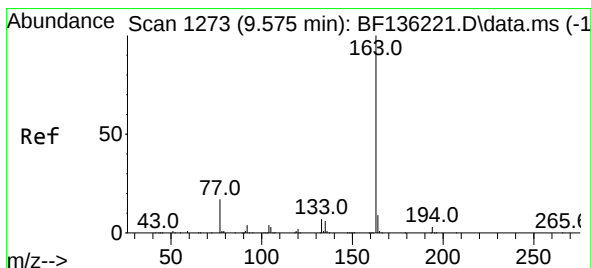
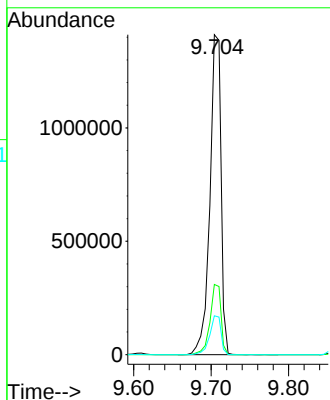
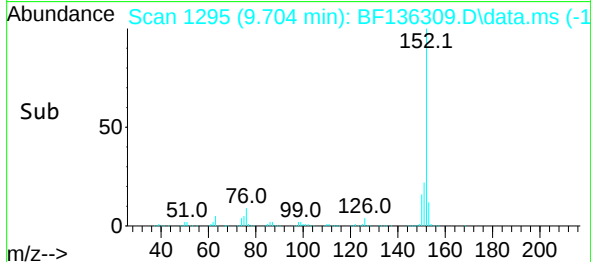
Instrument :
BNA_F
ClientSampleId :
PB157208BSD



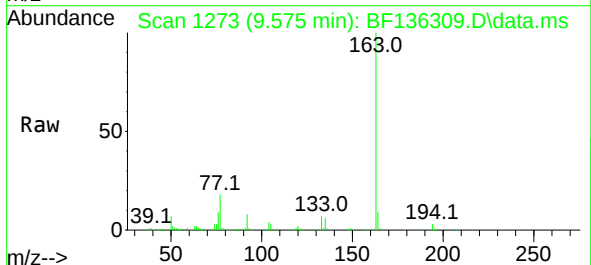
Tgt Ion:152 Resp: 1409174
Ion Ratio Lower Upper
152 100
151 22.0 17.5 26.3
153 12.2 9.6 14.4

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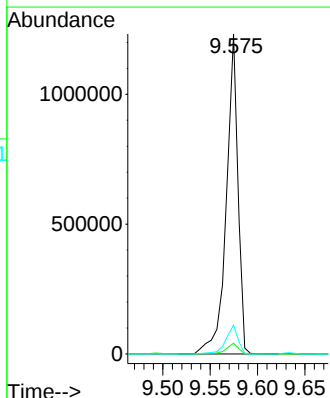
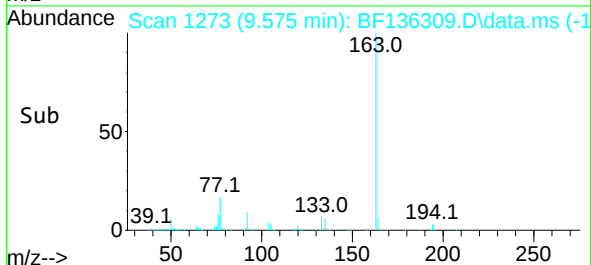
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

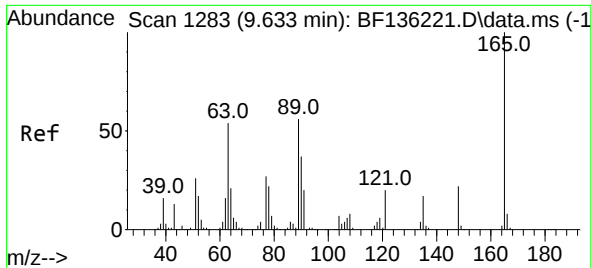


#50
Dimethylphthalate
Concen: 40.626 ng
RT: 9.575 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39



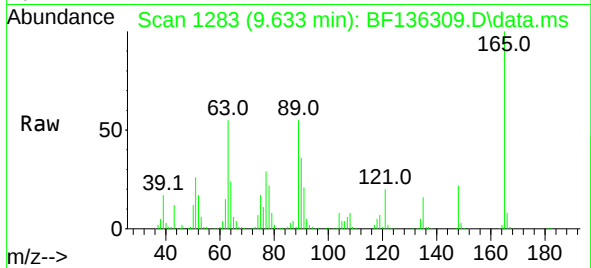
Tgt Ion:163 Resp: 1055778
Ion Ratio Lower Upper
163 100
194 3.3 2.5 3.7
164 9.0 7.0 10.6





#51
2,6-Dinitrotoluene
Concen: 40.977 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

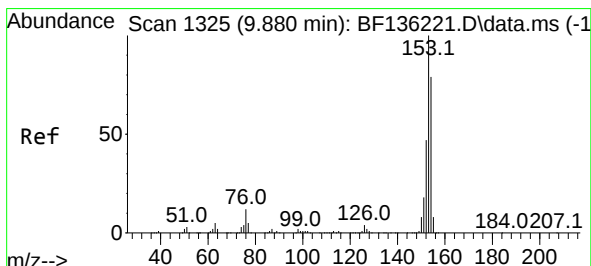
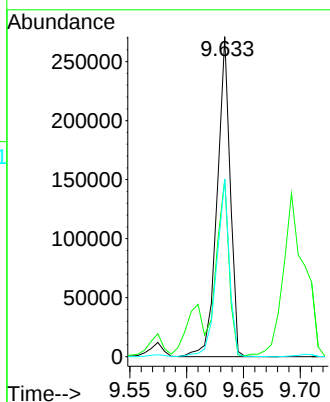
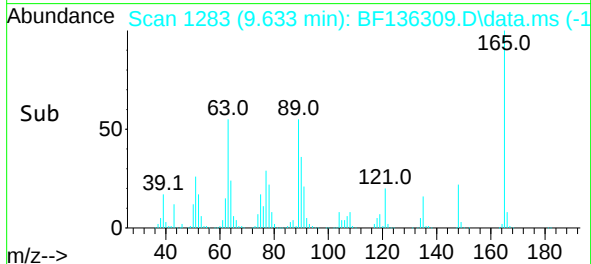
Instrument :
BNA_F
ClientSampleId :
PB157208BSD



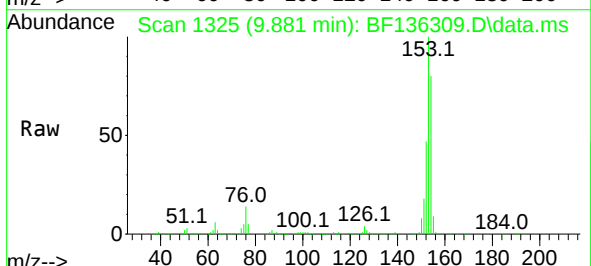
Tgt Ion:165 Resp: 21755
Ion Ratio Lower Upper
165 100
63 55.4 46.2 69.2
89 55.4 44.9 67.3

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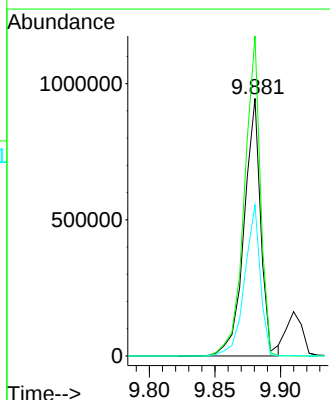
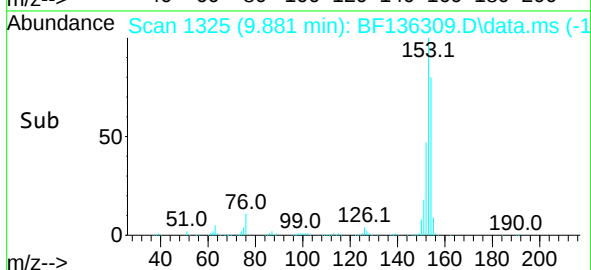
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

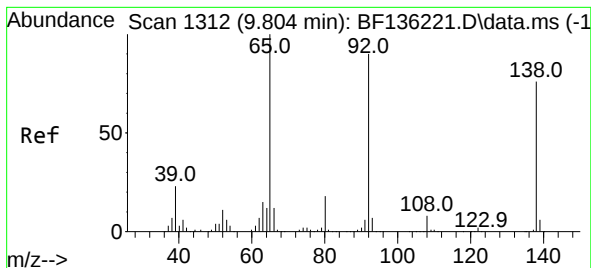


#52
Acenaphthene
Concen: 39.552 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39



Tgt Ion:154 Resp: 839908
Ion Ratio Lower Upper
154 100
153 124.2 100.8 151.2
152 58.6 47.0 70.6





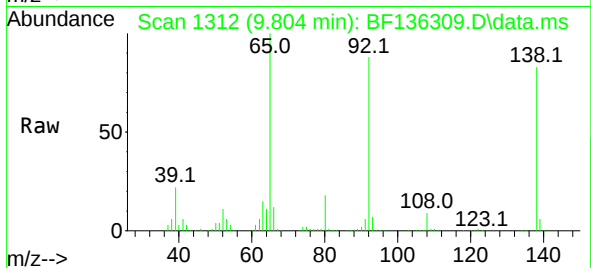
#53
3-Nitroaniline
Concen: 33.559 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

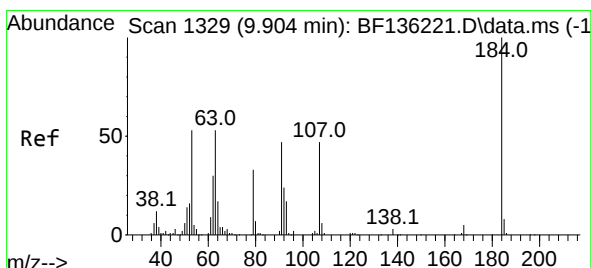
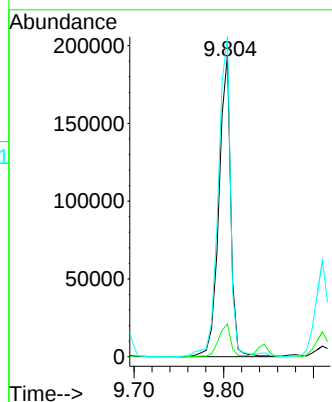
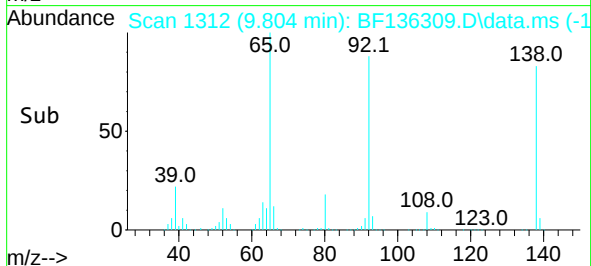
PB157208BSD



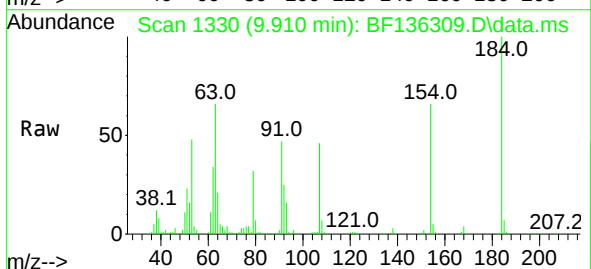
Tgt Ion:138 Resp: 17678
Ion Ratio Lower Upper
138 100
108 10.8 8.7 13.1
92 106.4 94.2 141.4

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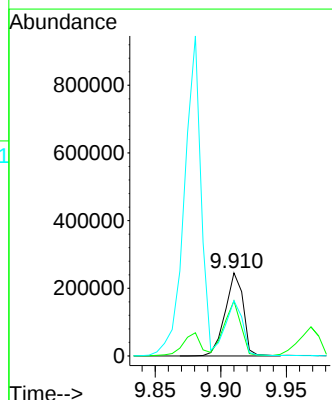
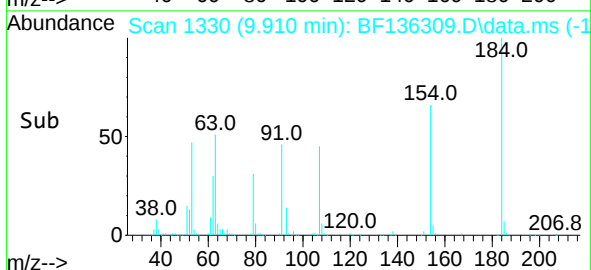
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

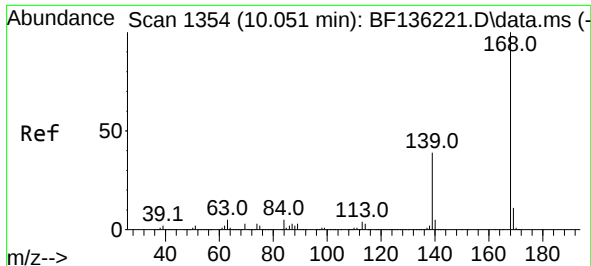


#54
2,4-Dinitrophenol
Concen: 95.495 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39



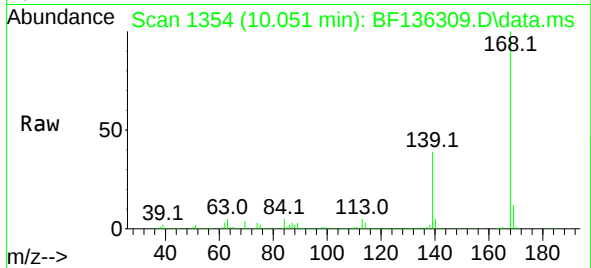
Tgt Ion:184 Resp: 235796
Ion Ratio Lower Upper
184 100
63 66.2 55.0 82.4
154 66.4 54.9 82.3





#55
Dibenzenofuran
Concen: 39.891 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

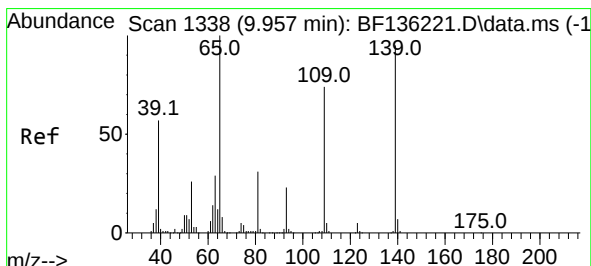
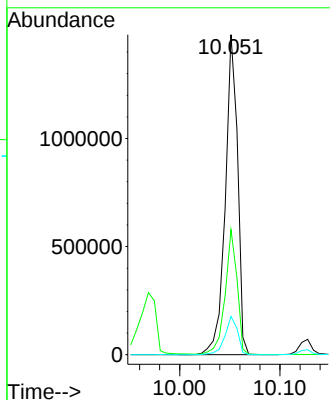
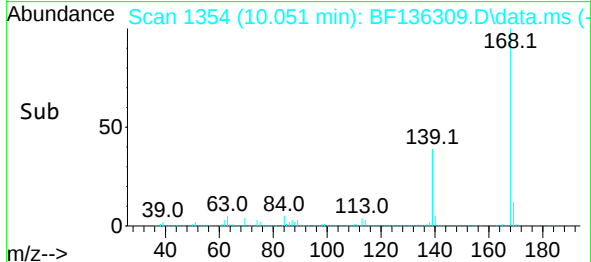
Instrument :
BNA_F
ClientSampleId :
PB157208BSD



Tgt Ion:168 Resp: 1260510
Ion Ratio Lower Upper
168 100
139 39.0 30.9 46.3
169 12.0 9.1 13.7

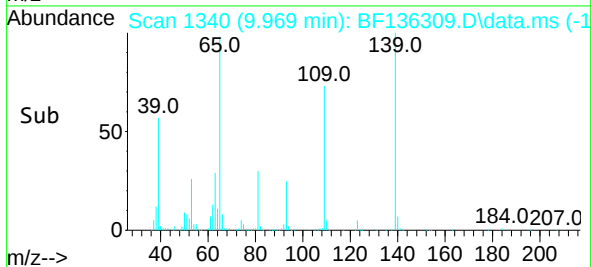
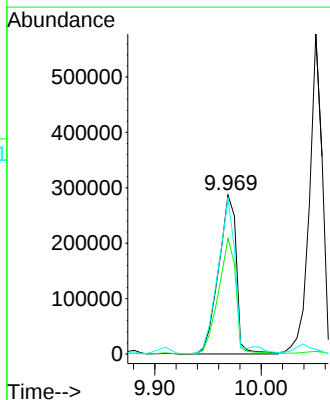
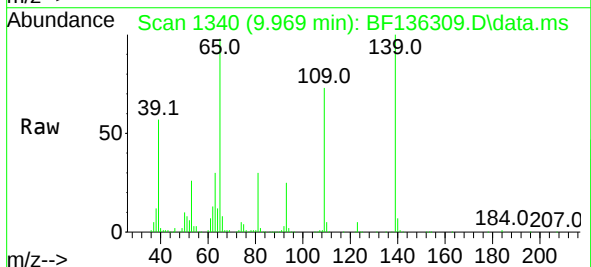
Manual Integrations
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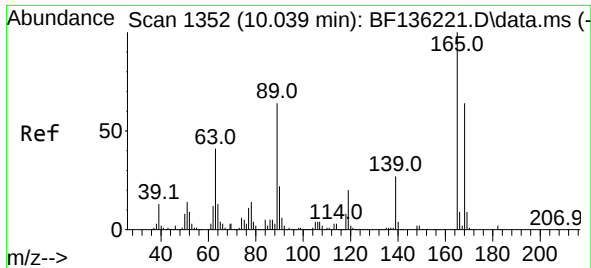
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#56
4-Nitrophenol
Concen: 83.425 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Tgt Ion:139 Resp: 333779
Ion Ratio Lower Upper
139 100
109 72.6 57.8 97.8
65 97.9 86.0 126.0





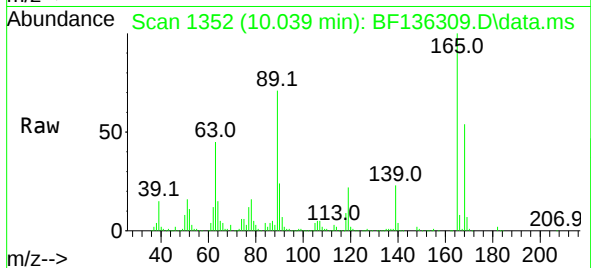
#57
2,4-Dinitrotoluene
Concen: 42.102 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB157208BSD

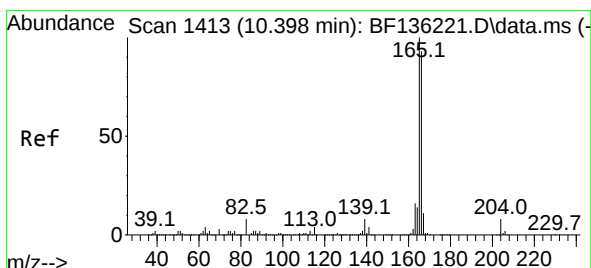
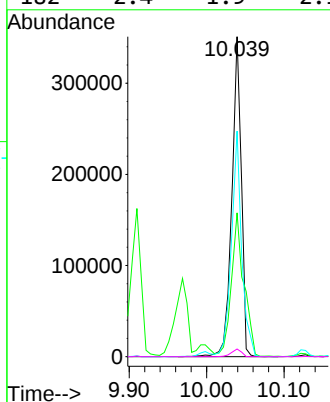
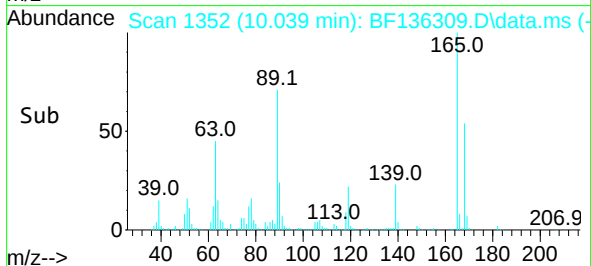


Tgt Ion:165 Resp: 298579
Ion Ratio Lower Upper
165 100
63 45.0 33.0 49.4
89 70.5 51.5 77.3
182 2.4 1.9 2.9

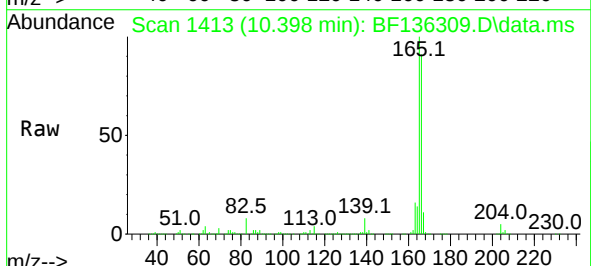
Manual Integrations

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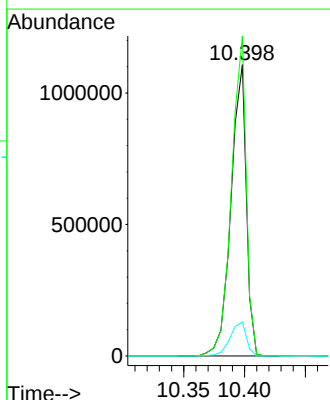
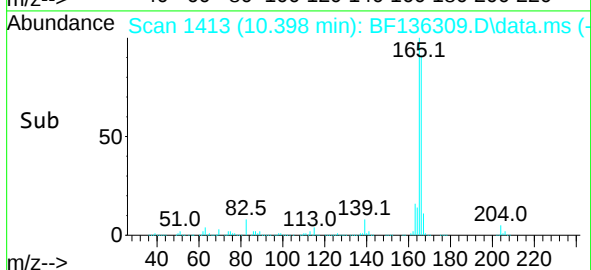
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

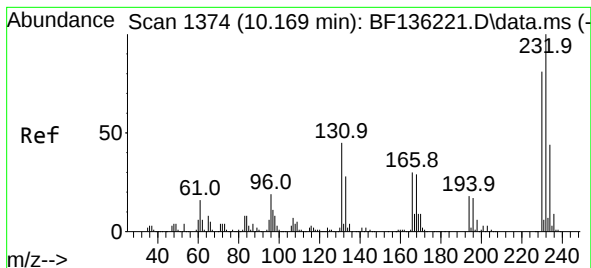


#58
Fluorene
Concen: 39.067 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39



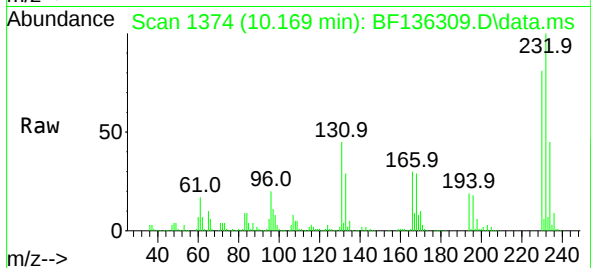
Tgt Ion:166 Resp: 968316
Ion Ratio Lower Upper
166 100
165 109.8 86.2 129.4
167 11.7 9.1 13.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.493 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

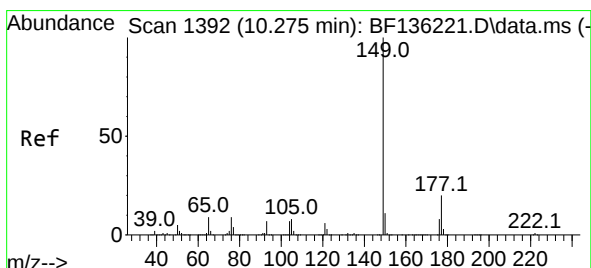
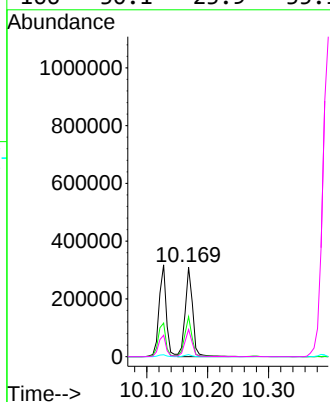
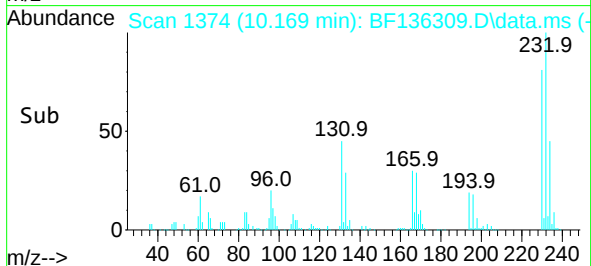
Instrument :
BNA_F
ClientSampleId :
PB157208BSD



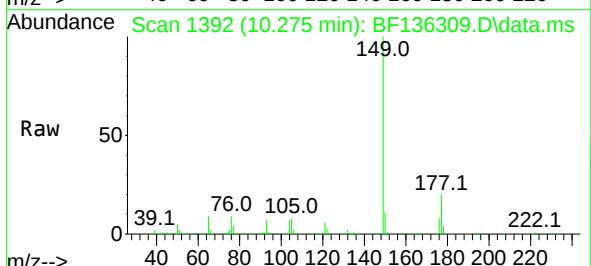
Tgt Ion:232 Resp: 262058
Ion Ratio Lower Upper
232 100
131 43.4 36.4 54.6
130 2.2 1.9 2.9
166 30.1 23.9 35.9

Manual Integrations
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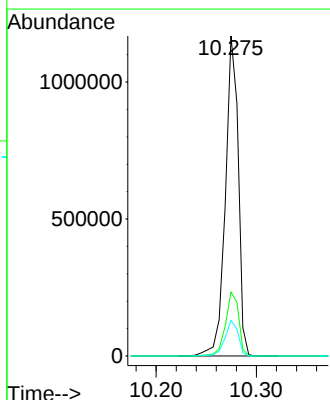
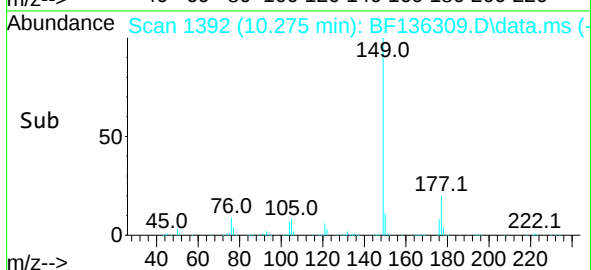
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

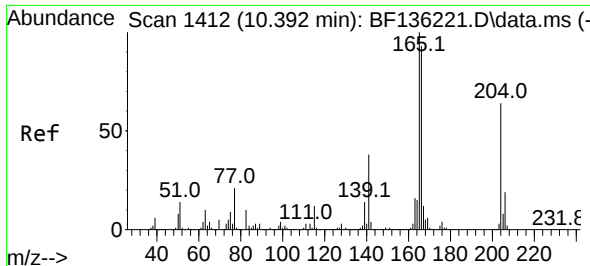


#60
Diethylphthalate
Concen: 39.974 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39



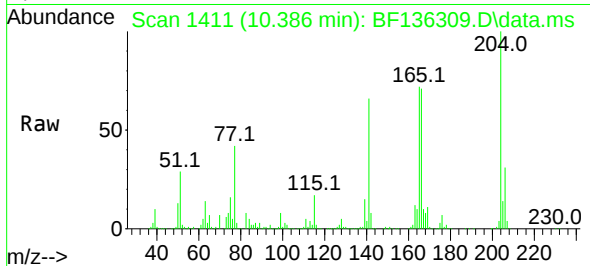
Tgt Ion:149 Resp: 1039162
Ion Ratio Lower Upper
149 100
177 19.9 15.8 23.6
150 11.1 8.8 13.2





#61
4-Chlorophenyl-phenylether
Concen: 38.749 ng
RT: 10.386 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

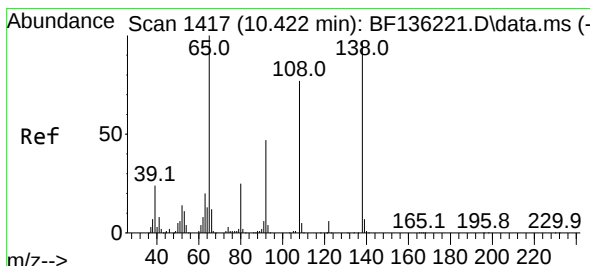
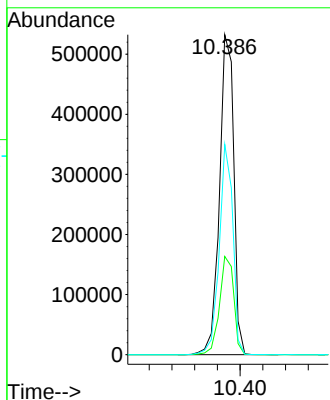
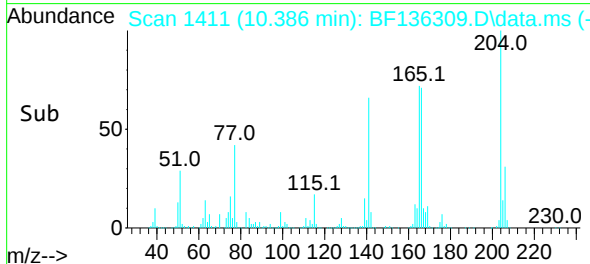
Instrument :
BNA_F
ClientSampleId :
PB157208BSD



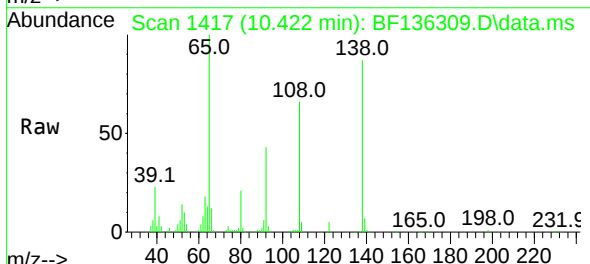
Tgt Ion:204 Resp: 466411
Ion Ratio Lower Upper
204 100
206 30.7 23.4 35.0
141 65.7 47.6 71.4

Manual Integrations
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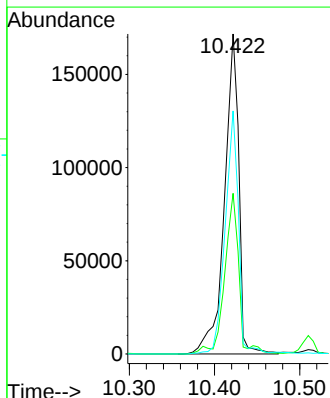
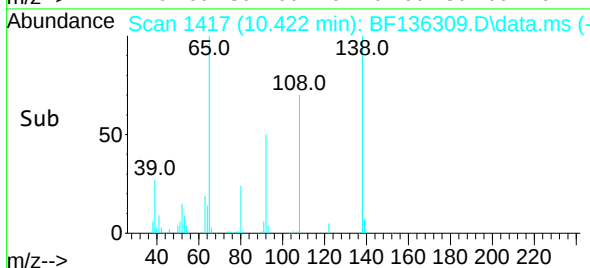
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

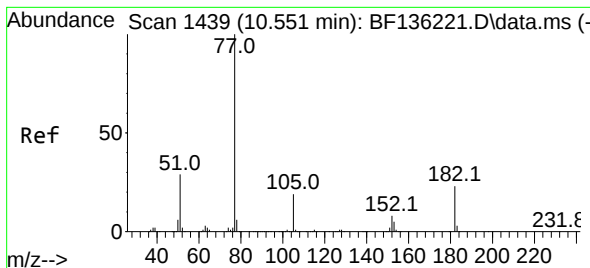


#62
4-Nitroaniline
Concen: 38.870 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39



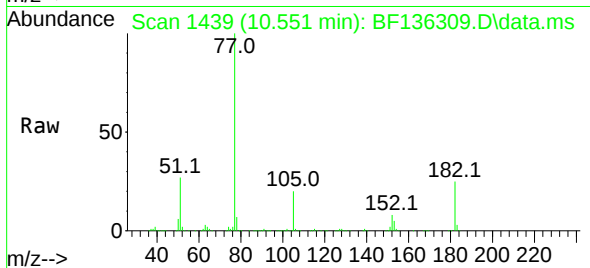
Tgt Ion:138 Resp: 200431
Ion Ratio Lower Upper
138 100
92 50.2 28.5 68.5
108 76.0 59.8 99.8





#63
Azobenzene
Concen: 39.274 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

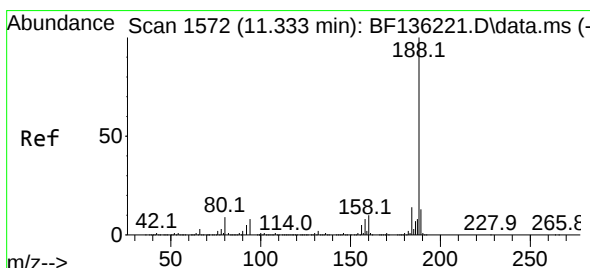
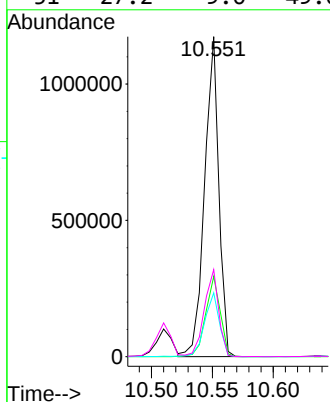
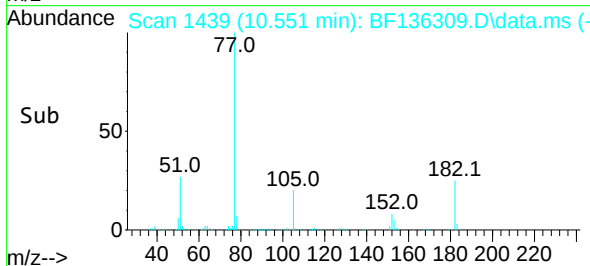
Instrument :
BNA_F
ClientSampleId :
PB157208BSD



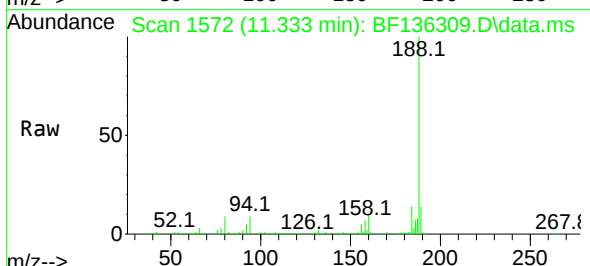
Tgt Ion: 77 Resp: 946520
Ion Ratio Lower Upper
77 100
182 25.0 3.3 43.3
105 19.9 0.0 39.5
51 27.2 9.0 49.0

Manual Integrations
APPROVED

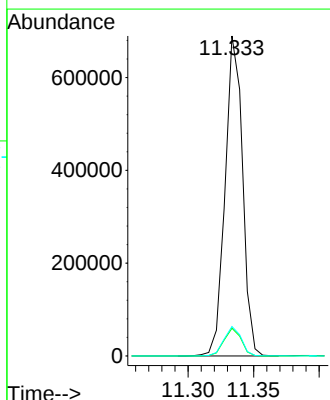
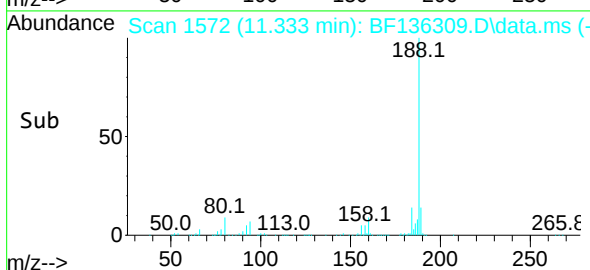
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

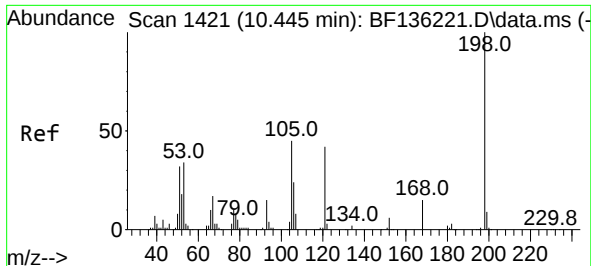


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39



Tgt Ion:188 Resp: 637253
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.2 7.2 10.8





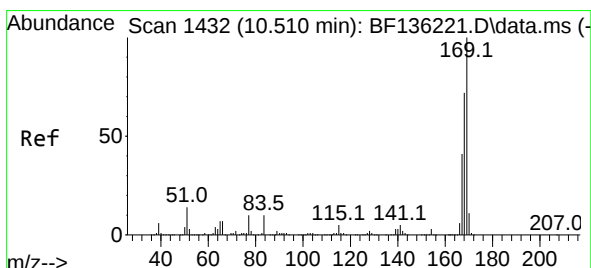
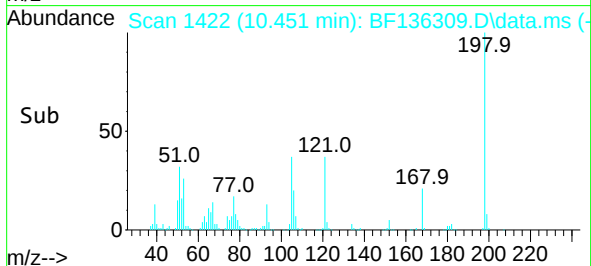
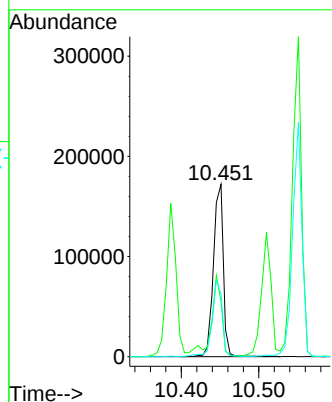
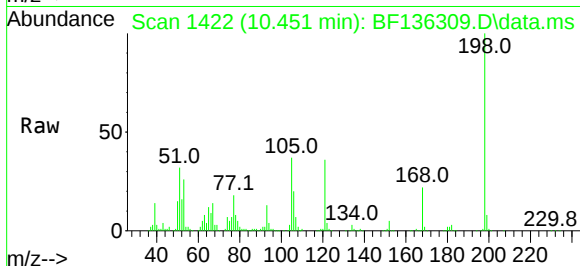
#65
4,6-Dinitro-2-methylphenol
Concen: 44.010 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Instrument :
BNA_F
ClientSampleId :
PB157208BSD

Tgt Ion:198 Resp: 153361
Ion Ratio Lower Upper
198 100
51 32.2 28.2 68.2
105 36.7 25.7 65.7

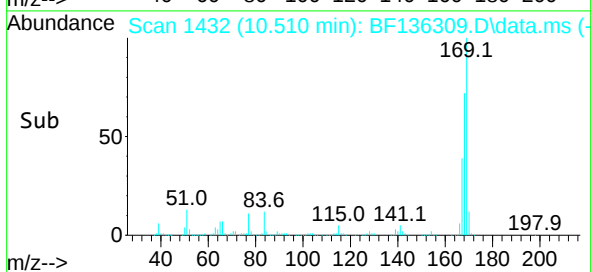
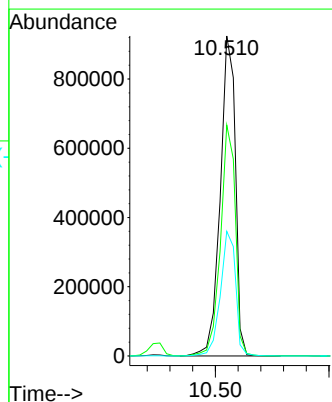
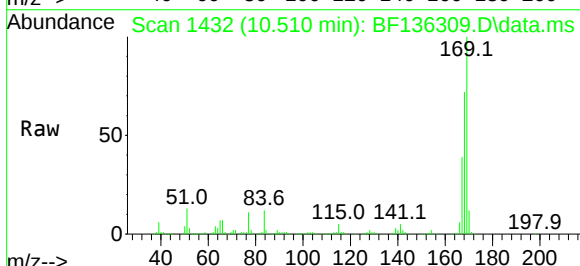
Manual Integrations
APPROVED

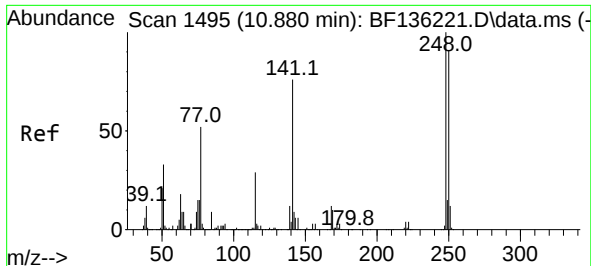
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#66
n-Nitrosodiphenylamine
Concen: 42.018 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

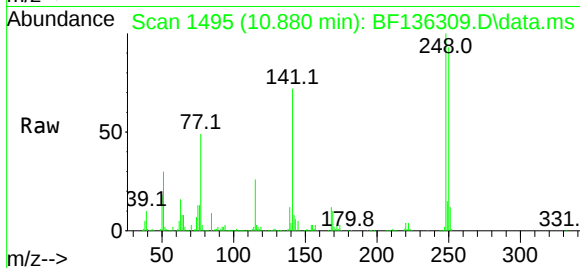
Tgt Ion:169 Resp: 858078
Ion Ratio Lower Upper
169 100
168 72.1 57.8 86.6
167 39.0 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 40.634 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

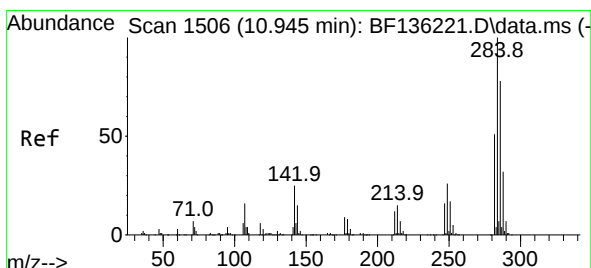
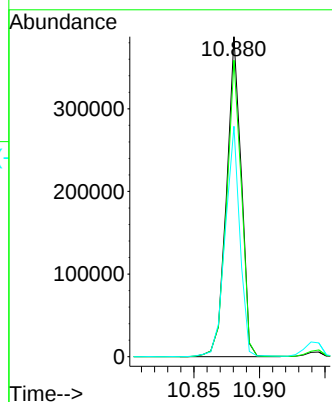
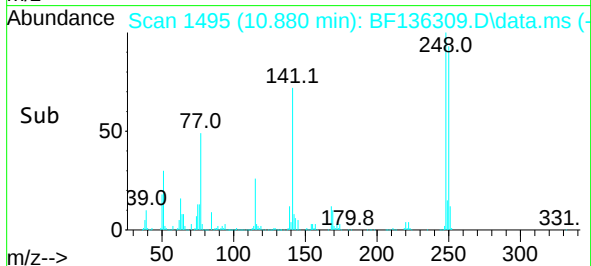
Instrument :
BNA_F
ClientSampleId :
PB157208BSD



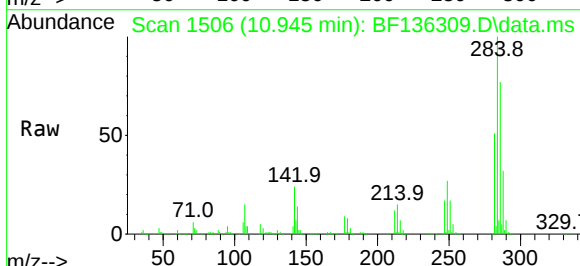
Tgt Ion:248 Resp: 302091
Ion Ratio Lower Upper
248 100
250 92.7 72.5 108.7
141 72.0 60.8 91.2

Manual Integrations
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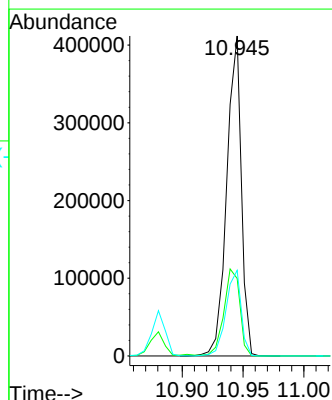
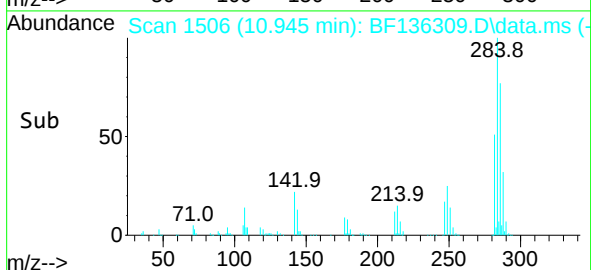
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

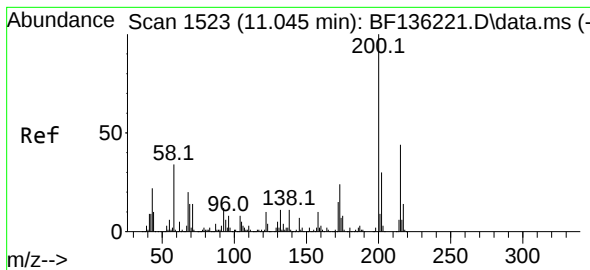


#68
Hexachlorobenzene
Concen: 39.941 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39



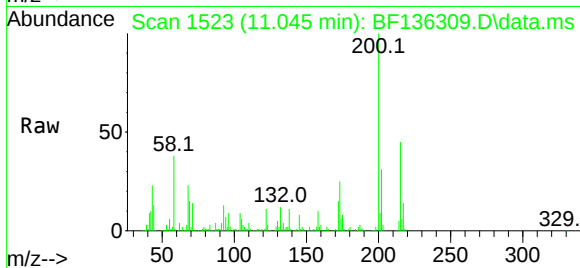
Tgt Ion:284 Resp: 343674
Ion Ratio Lower Upper
284 100
142 24.2 19.8 29.8
249 26.7 21.0 31.4





#69
 Atrazine
 Concen: 41.033 ng
 RT: 11.045 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: BF136309.D
 Acq: 30 Nov 2023 12:39

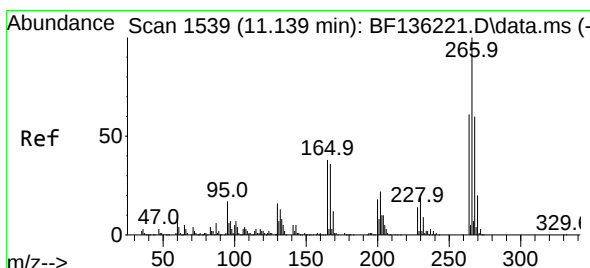
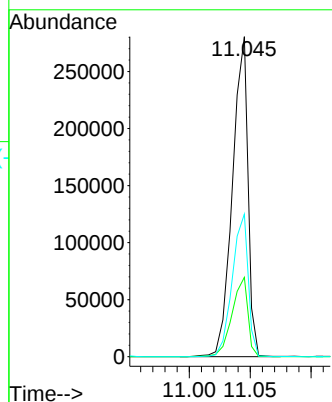
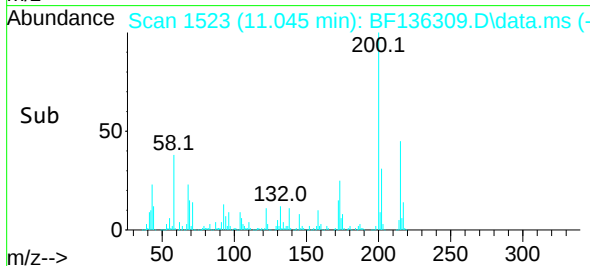
Instrument :
 BNA_F
 ClientSampleId :
 PB157208BSD



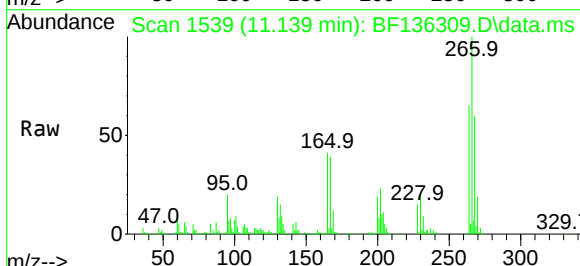
Tgt Ion:200 Resp: 248572
 Ion Ratio Lower Upper
 200 100
 173 24.8 4.3 44.3
 215 44.5 23.8 63.8

Manual Integrations
 APPROVED

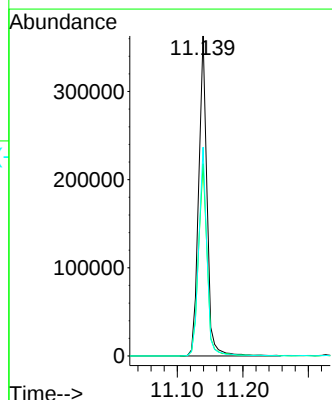
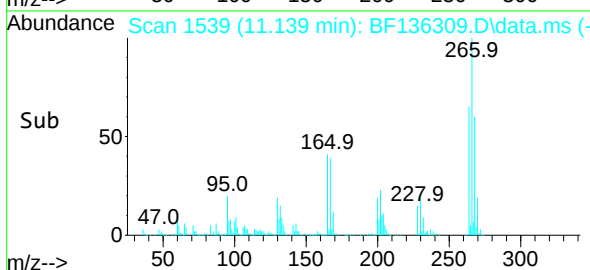
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

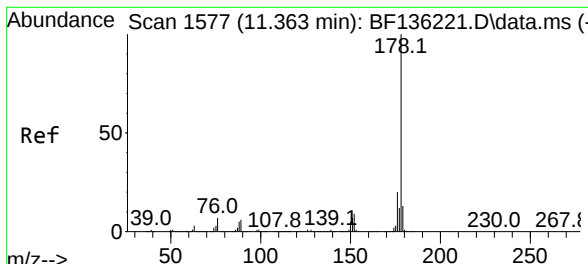


#70
 Pentachlorophenol
 Concen: 66.623 ng
 RT: 11.139 min Scan# 1539
 Delta R.T. 0.000 min
 Lab File: BF136309.D
 Acq: 30 Nov 2023 12:39



Tgt Ion:266 Resp: 324041
 Ion Ratio Lower Upper
 266 100
 268 60.1 47.9 71.9
 264 65.2 49.1 73.7





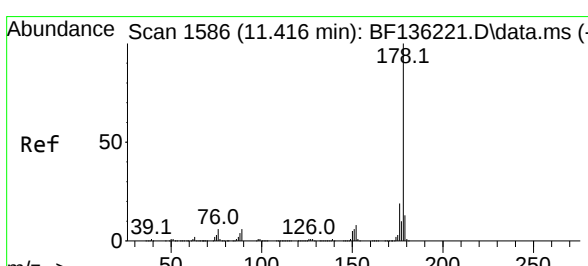
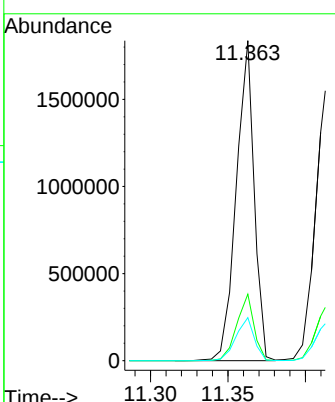
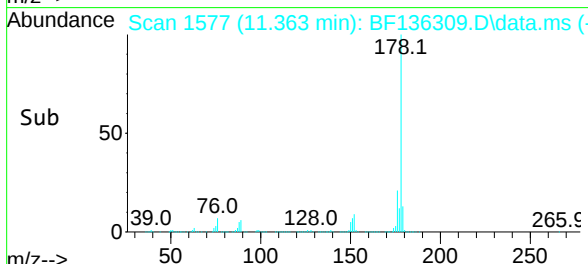
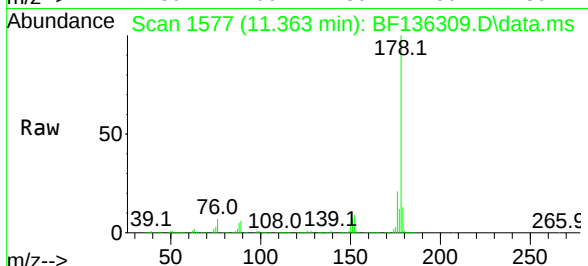
#71
 Phenanthrene
 Concen: 41.140 ng
 RT: 11.363 min Scan# 1577
 Delta R.T. 0.000 min
 Lab File: BF136309.D
 Acq: 30 Nov 2023 12:39

Instrument : BNA_F
 ClientSampleId : PB157208BSD

Tgt Ion:178 Resp: 147349

Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.2	24.2
179	13.4	10.3	15.5

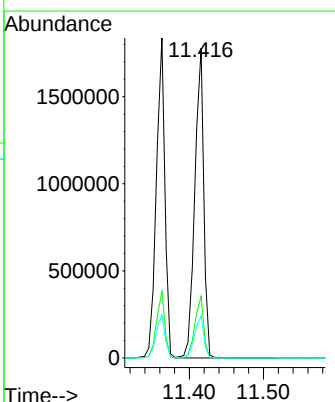
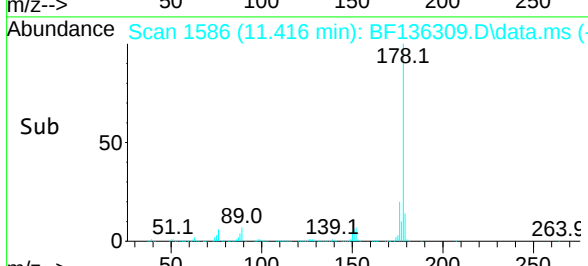
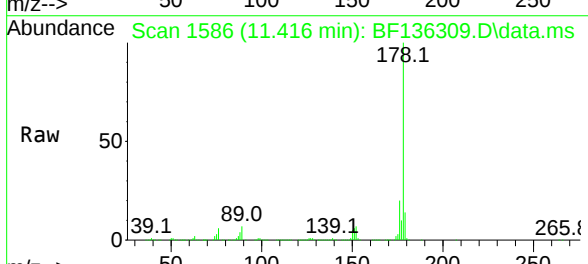
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

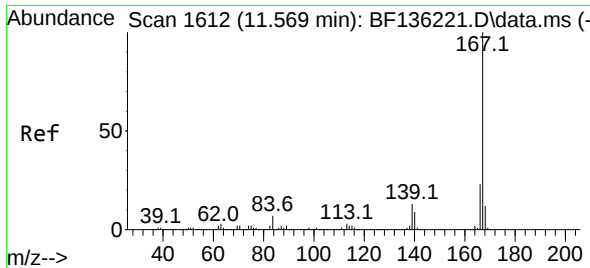


#72
 Anthracene
 Concen: 41.394 ng
 RT: 11.416 min Scan# 1586
 Delta R.T. 0.000 min
 Lab File: BF136309.D
 Acq: 30 Nov 2023 12:39

Tgt Ion:178 Resp: 1486759

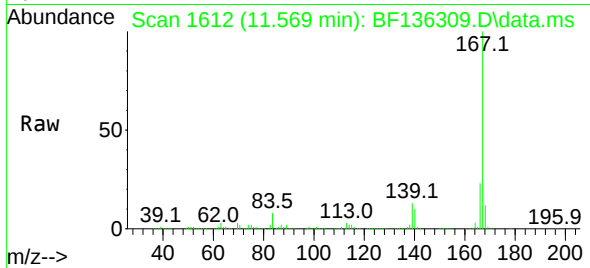
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	13.6	10.5	15.7





#73
 Carbazole
 Concen: 38.995 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF136309.D
 Acq: 30 Nov 2023 12:39

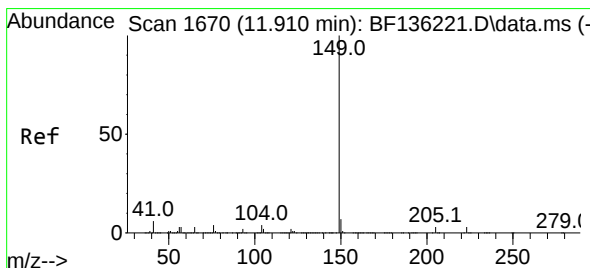
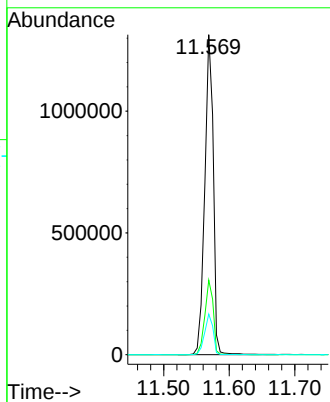
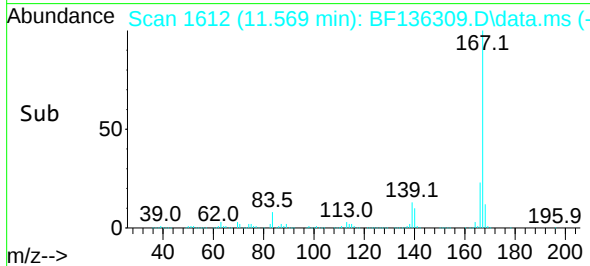
Instrument :
 BNA_F
 ClientSampleId :
 PB157208BSD



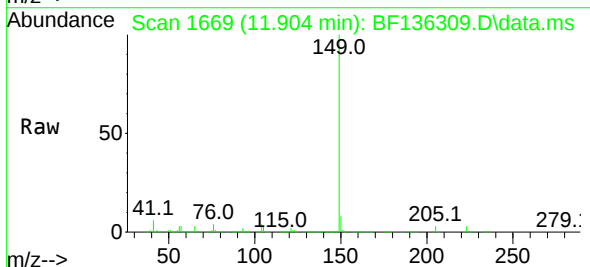
Tgt Ion:167 Resp: 119121
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.4 27.6
 139 12.7 10.5 15.7

Manual Integrations
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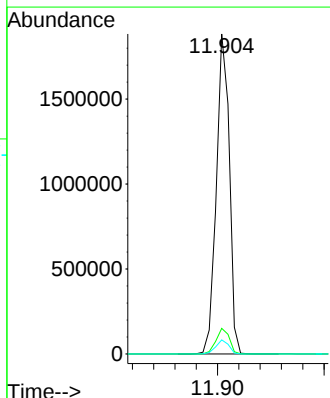
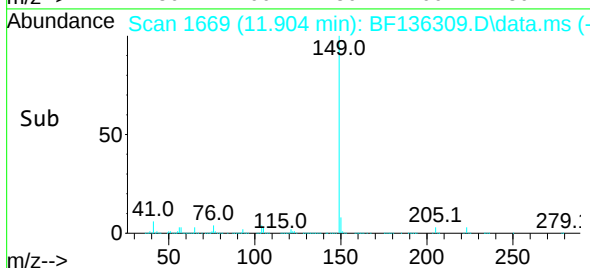
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

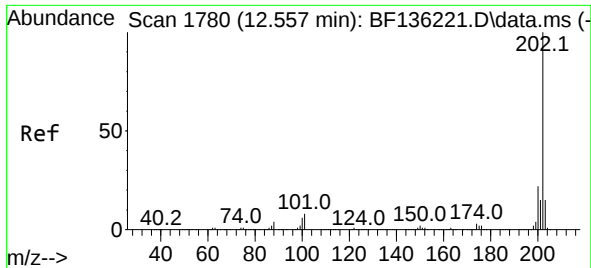


#74
 Di-n-butylphthalate
 Concen: 41.668 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136309.D
 Acq: 30 Nov 2023 12:39



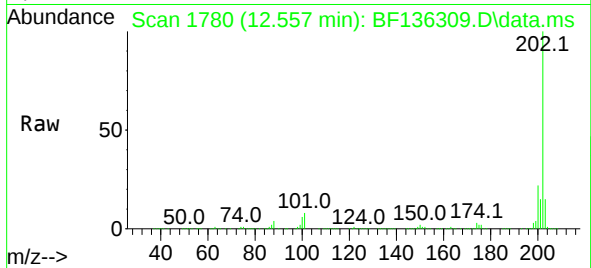
Tgt Ion:149 Resp: 1592633
 Ion Ratio Lower Upper
 149 100
 150 8.0 6.0 9.0
 104 4.4 3.5 5.3





#75
Fluoranthene
Concen: 37.825 ng
RT: 12.557 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

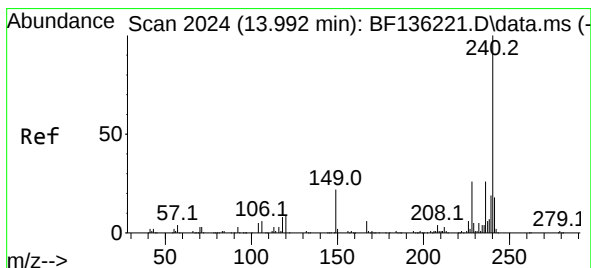
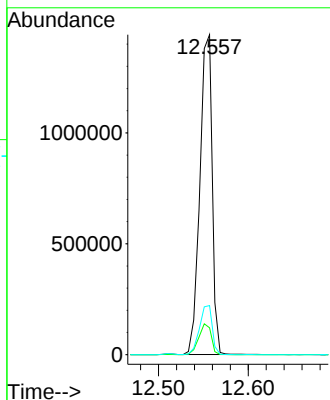
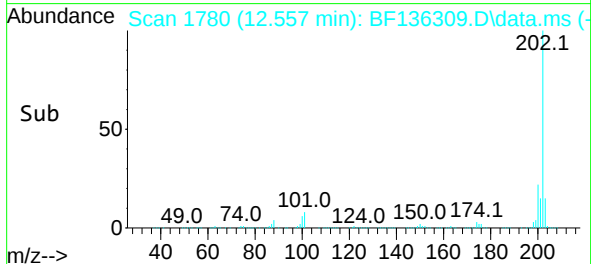
Instrument :
BNA_F
ClientSampleId :
PB157208BSD



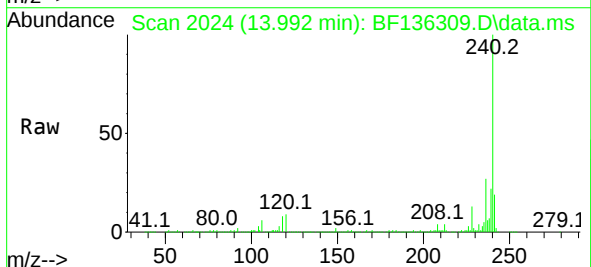
Tgt Ion:202 Resp: 1375319
Ion Ratio Lower Upper
202 100
101 8.4 0.0 27.8
203 15.4 0.0 34.5

Manual Integrations
APPROVED

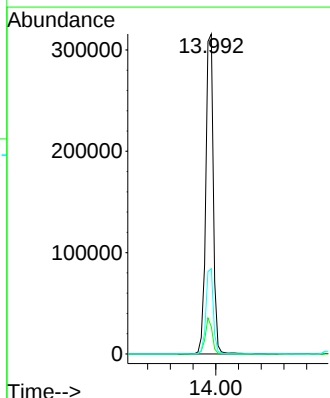
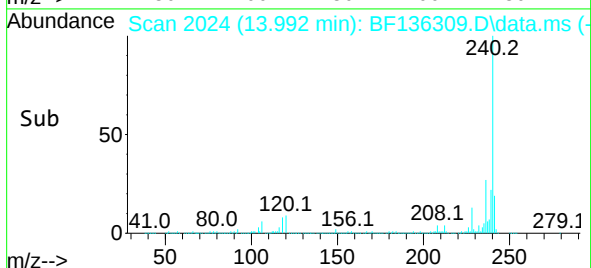
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

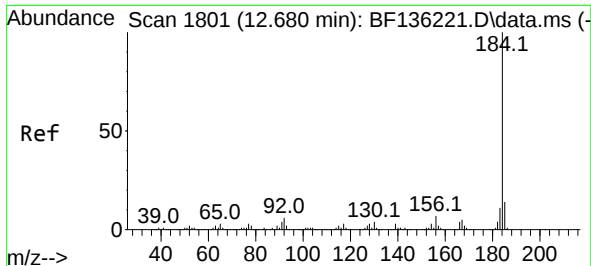


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39



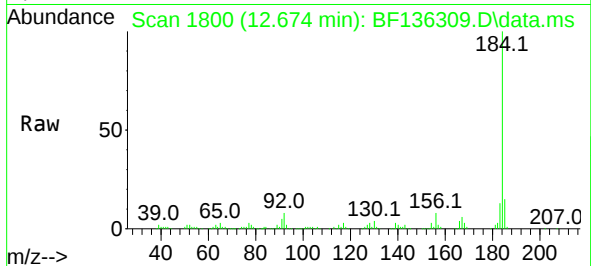
Tgt Ion:240 Resp: 289634
Ion Ratio Lower Upper
240 100
120 8.5 7.4 11.2
236 26.6 21.1 31.7





#77
Benzidine
Concen: 23.831 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

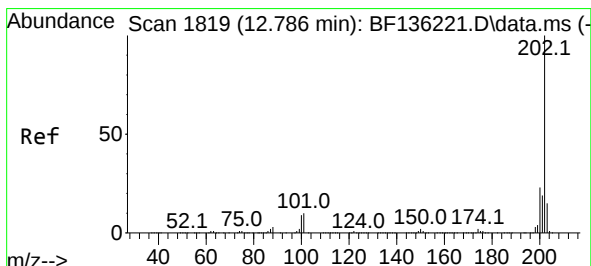
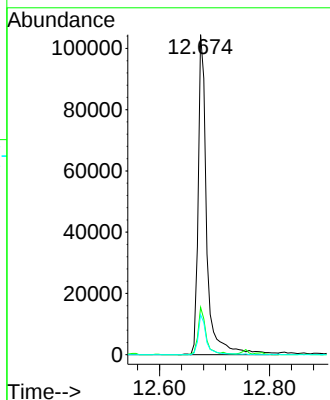
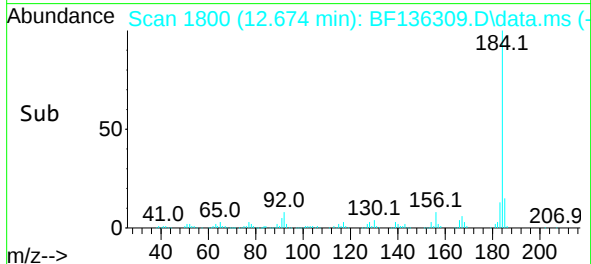
Instrument :
BNA_F
ClientSampleId :
PB157208BSD



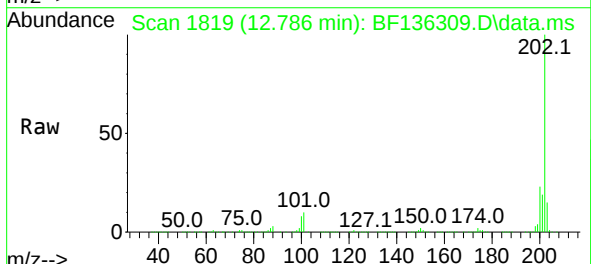
Tgt Ion:184 Resp: 11346
Ion Ratio Lower Upper
184 100
185 14.8 11.0 16.6
183 12.5 9.0 13.4

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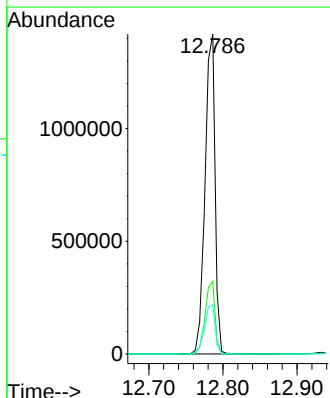
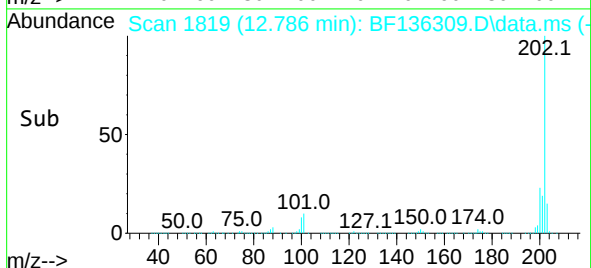
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

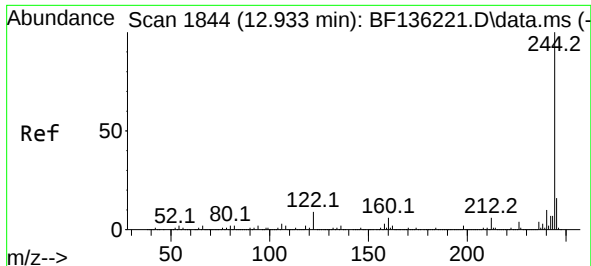


#78
Pyrene
Concen: 42.261 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39



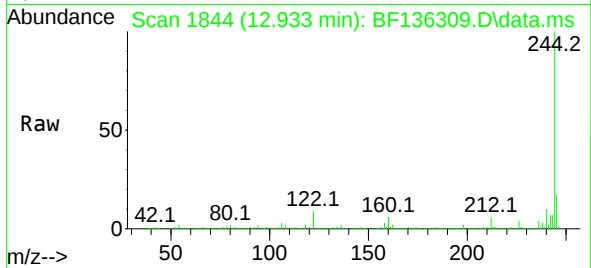
Tgt Ion:202 Resp: 1340528
Ion Ratio Lower Upper
202 100
200 22.7 18.4 27.6
203 15.4 11.8 17.6





#79
 Terphenyl-d14
 Concen: 80.554 ng
 RT: 12.933 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136309.D
 Acq: 30 Nov 2023 12:39

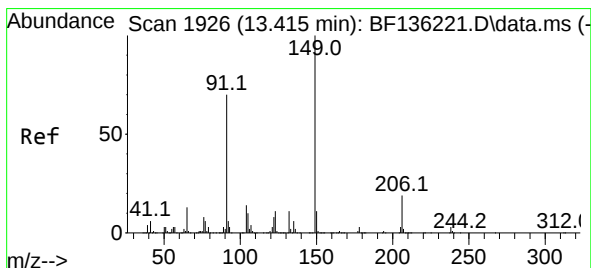
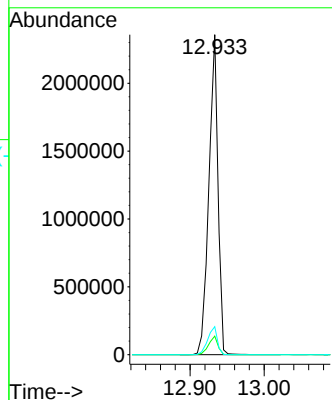
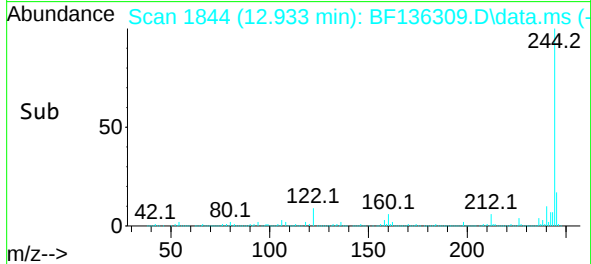
Instrument :
 BNA_F
 ClientSampleId :
 PB157208BSD



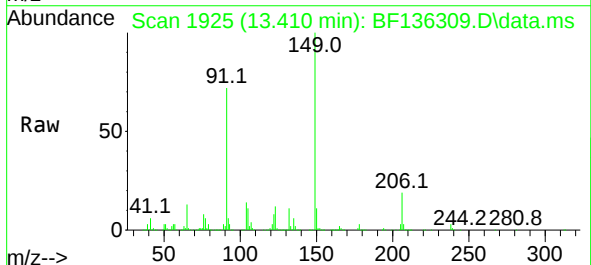
Tgt Ion:244 Resp: 2022669
 Ion Ratio Lower Upper
 244 100
 212 5.8 4.6 7.0
 122 8.8 7.3 10.9

Manual Integrations
 APPROVED

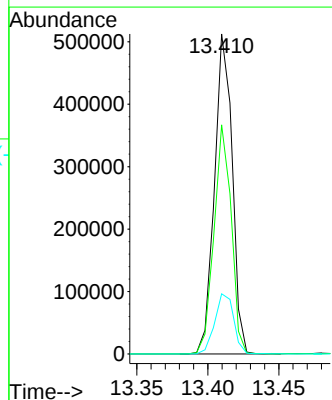
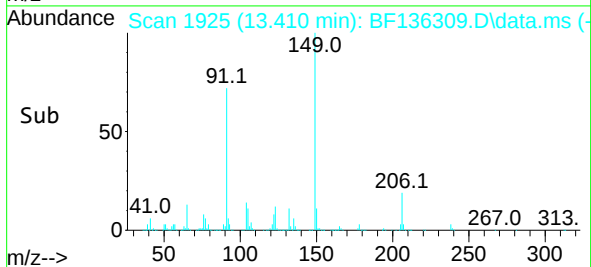
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

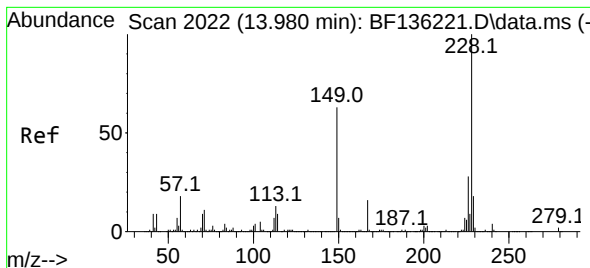


#80
 Butylbenzylphthalate
 Concen: 45.159 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136309.D
 Acq: 30 Nov 2023 12:39



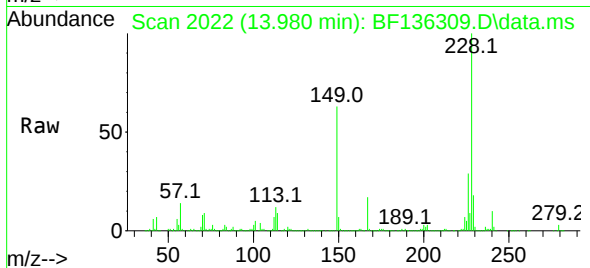
Tgt Ion:149 Resp: 445815
 Ion Ratio Lower Upper
 149 100
 91 71.6 56.4 84.6
 206 18.8 14.8 22.2





#81
Benzo(a)anthracene
Concen: 40.757 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

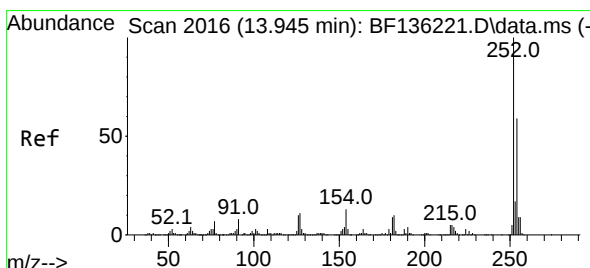
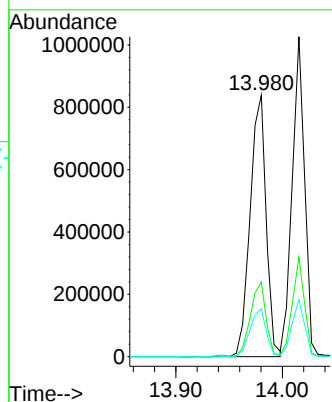
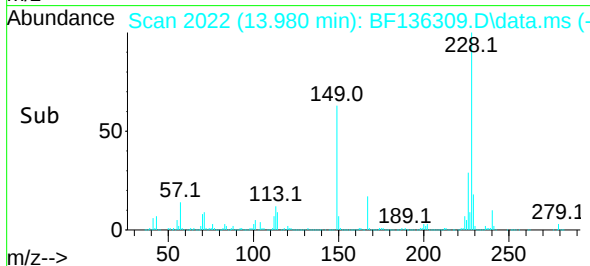
Instrument :
BNA_F
ClientSampleId :
PB157208BSD



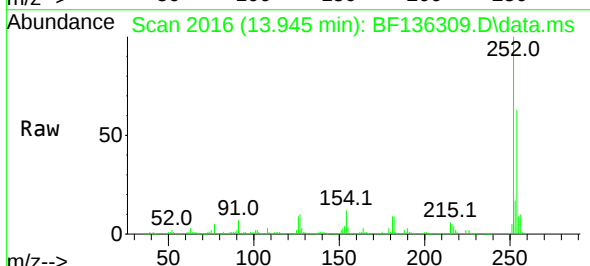
Tgt Ion:228 Resp: 876814
Ion Ratio Lower Upper
228 100
226 28.5 22.6 34.0
229 18.2 14.0 21.0

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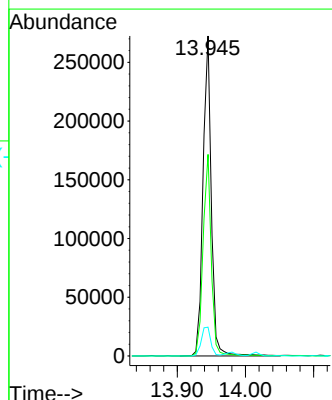
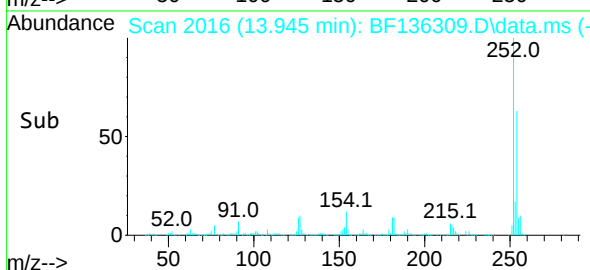
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

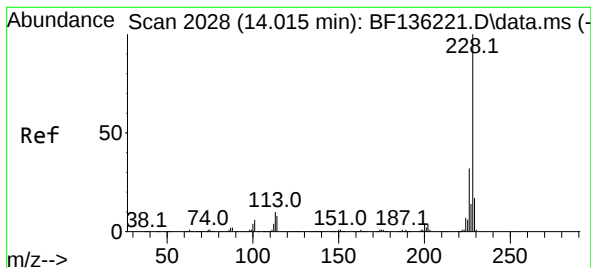


#82
3,3'-Dichlorobenzidine
Concen: 44.647 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39



Tgt Ion:252 Resp: 231208
Ion Ratio Lower Upper
252 100
254 63.0 47.4 71.2
126 9.0 8.3 12.5





#83

Chrysene

Concen: 40.407 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB157208BSD

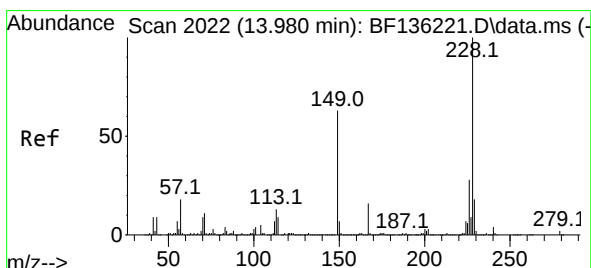
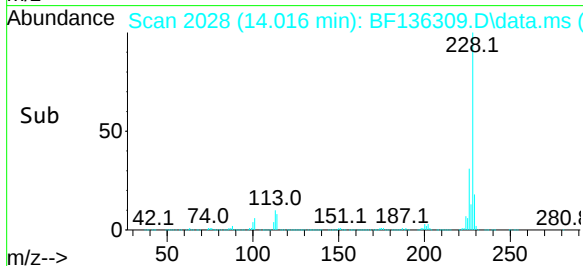
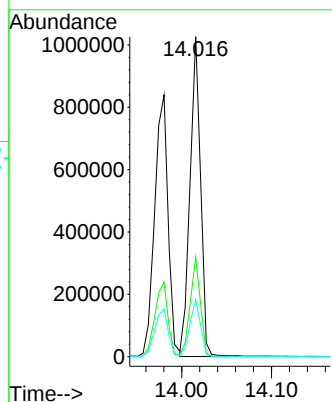
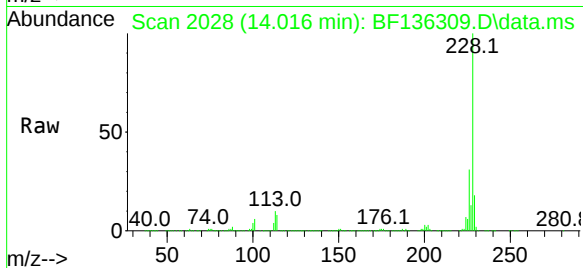
Tgt Ion:228 Resp: 839317
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.5 38.3
 229 17.9 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.782 ng

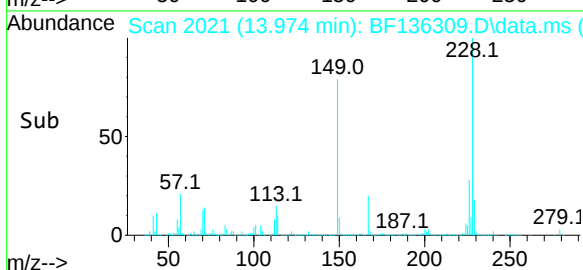
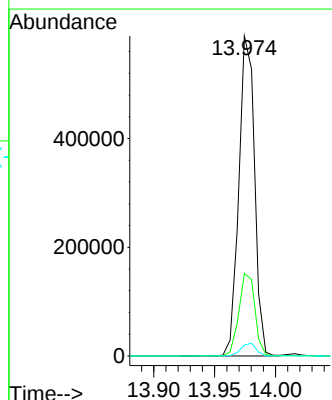
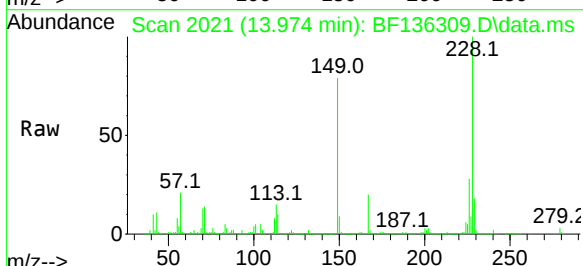
RT: 13.974 min Scan# 2021

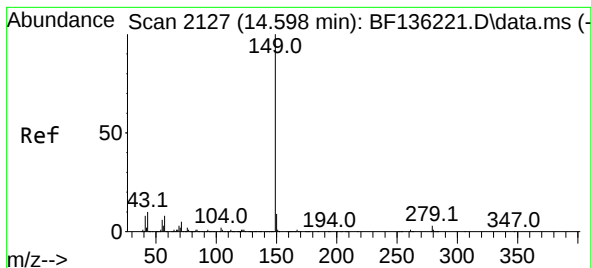
Delta R.T. -0.006 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Tgt Ion:149 Resp: 530566
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.2 30.2
 279 3.4 2.4 3.6





#85

Di-n-octyl phthalate

Concen: 46.851 ng

RT: 14.592 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB157208BSD

Tgt Ion:149 Resp: 898840

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

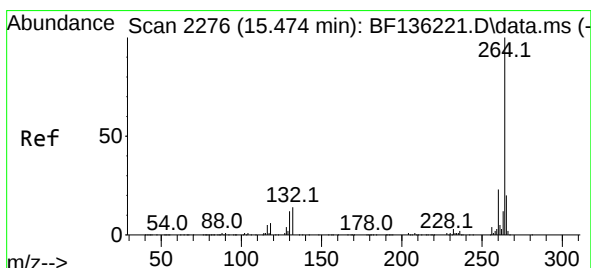
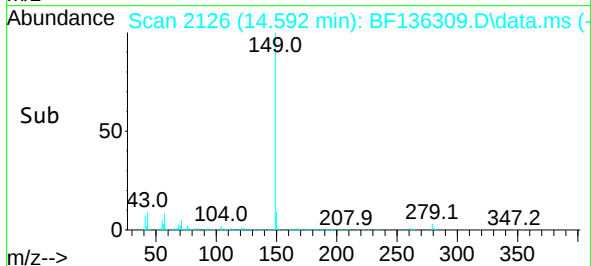
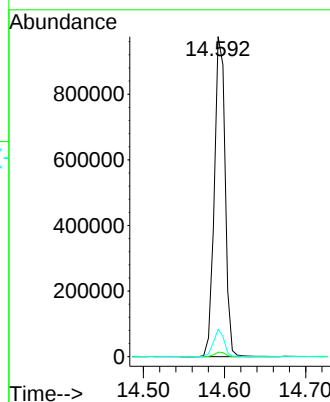
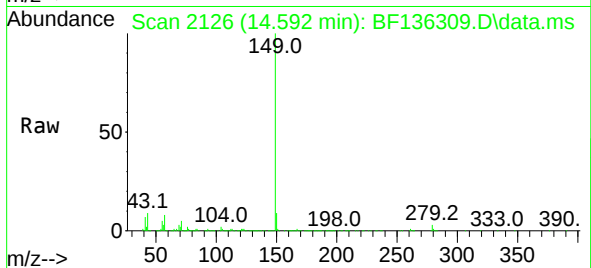
43 8.3 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136309.D

Acq: 30 Nov 2023 12:39

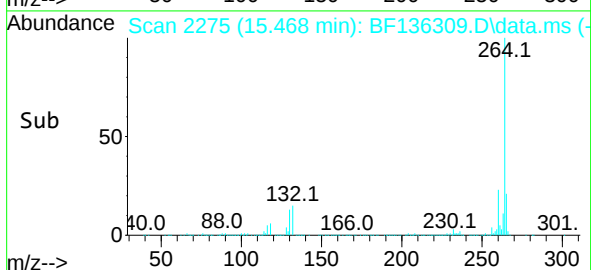
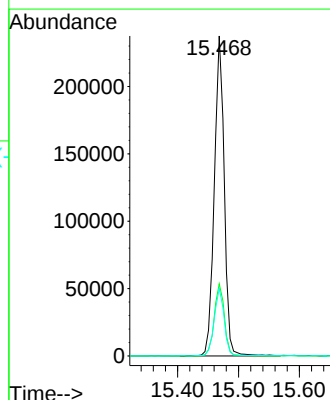
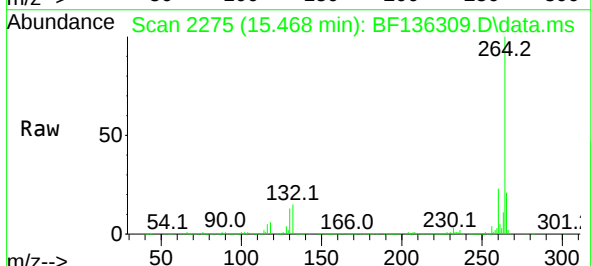
Tgt Ion:264 Resp: 269593

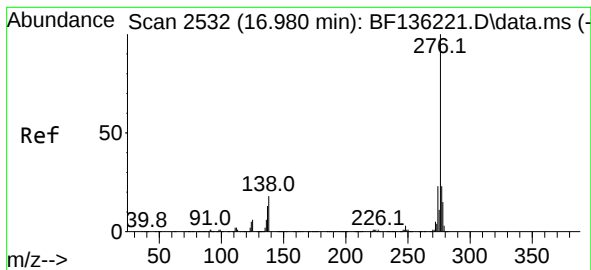
Ion Ratio Lower Upper

264 100

260 22.5 18.6 27.8

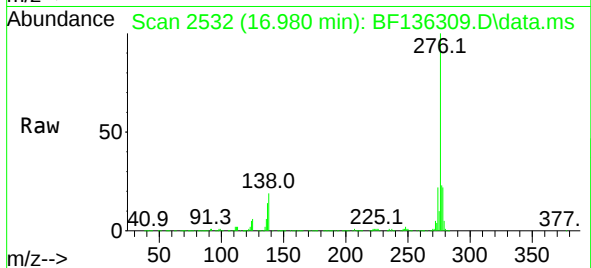
265 21.1 15.7 23.5





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.184 ng
 RT: 16.980 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF136309.D
 Acq: 30 Nov 2023 12:39

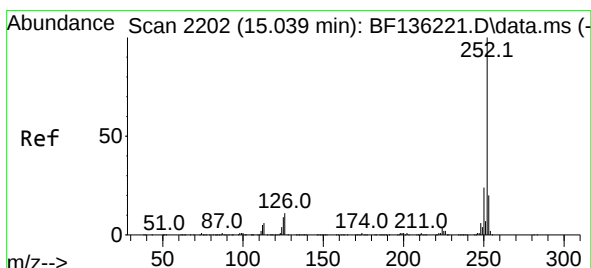
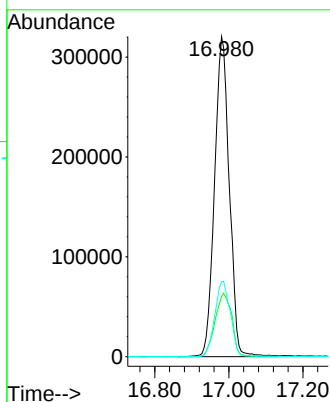
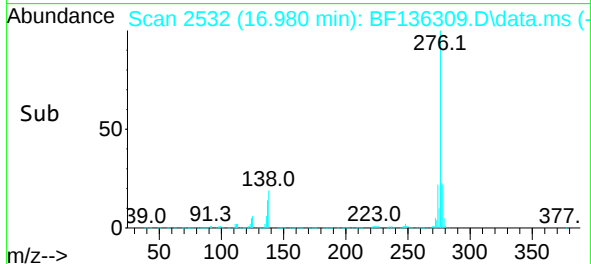
Instrument :
 BNA_F
 ClientSampleId :
 PB157208BSD



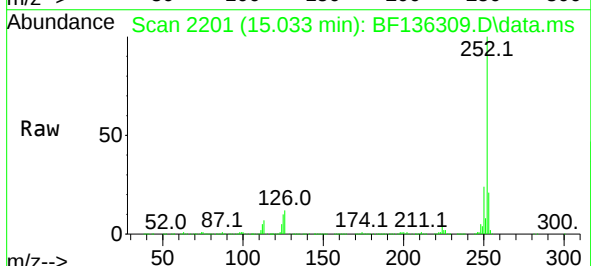
Tgt Ion:276 Resp: 88582
 Ion Ratio Lower Upper
 276 100
 138 22.4 17.7 26.5
 277 24.6 19.6 29.4

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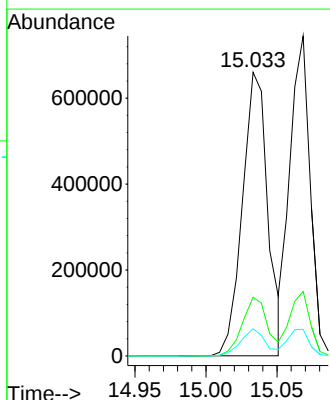
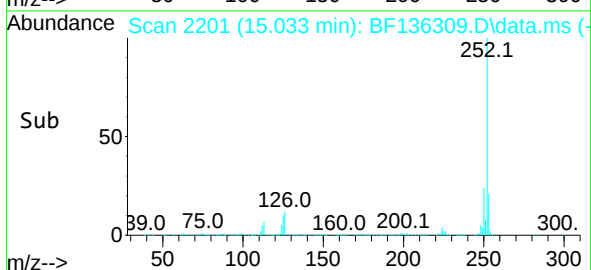
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

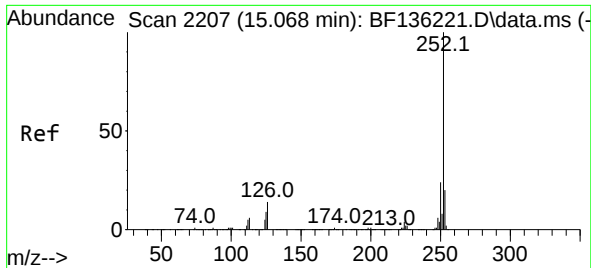


#88
 Benzo(b)fluoranthene
 Concen: 43.518 ng
 RT: 15.033 min Scan# 2201
 Delta R.T. -0.006 min
 Lab File: BF136309.D
 Acq: 30 Nov 2023 12:39



Tgt Ion:252 Resp: 823107
 Ion Ratio Lower Upper
 252 100
 253 20.7 16.2 24.2
 125 9.6 6.9 10.3





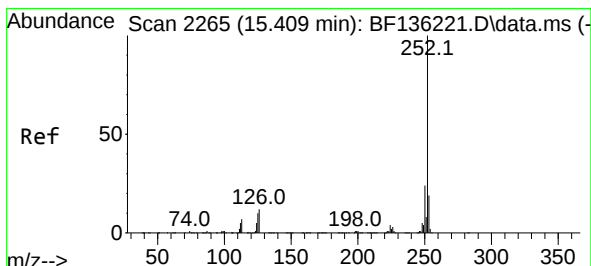
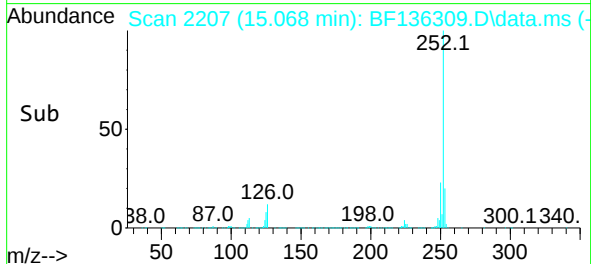
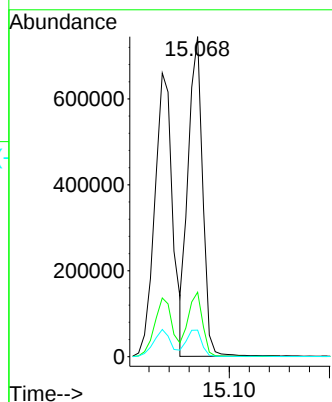
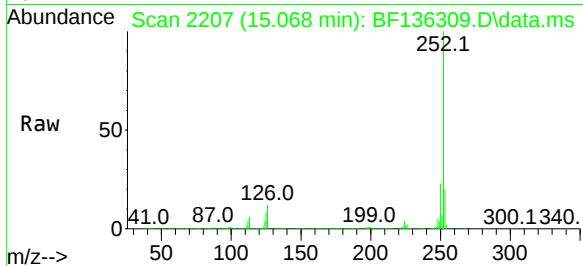
#89
Benzo(k)fluoranthene
Concen: 41.576 ng
RT: 15.068 min Scan# 2207
Delta R.T. 0.000 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Instrument :
BNA_F
ClientSampleId :
PB157208BSD

Tgt Ion:252 Resp: 746872
Ion Ratio Lower Upper
252 100
253 20.2 15.6 23.4
125 8.3 7.0 10.4

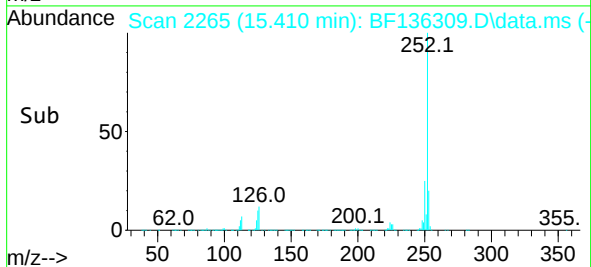
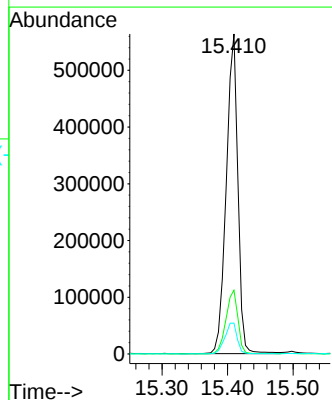
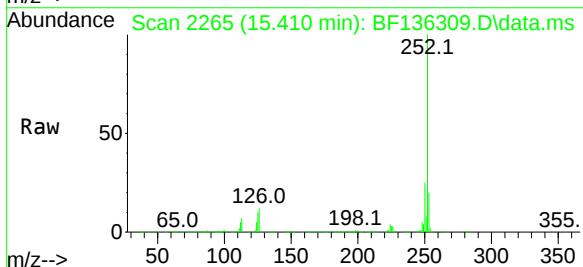
Manual Integrations
APPROVED

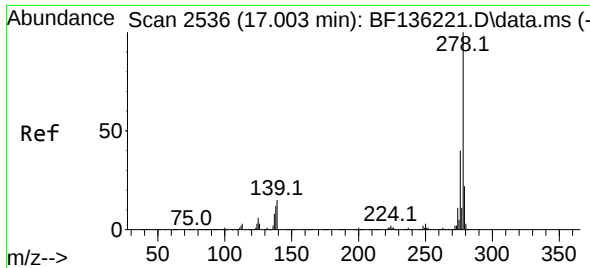
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#90
Benzo(a)pyrene
Concen: 44.665 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.001 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Tgt Ion:252 Resp: 690608
Ion Ratio Lower Upper
252 100
253 19.9 15.5 23.3
125 9.7 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 45.377 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.001 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Instrument :

BNA_F

ClientSampleId :

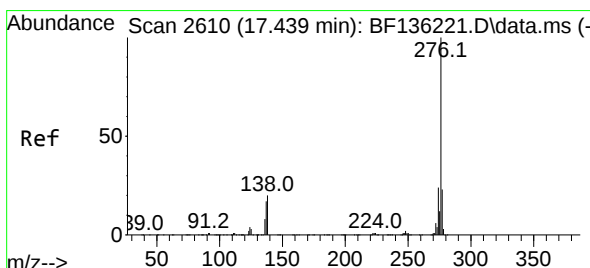
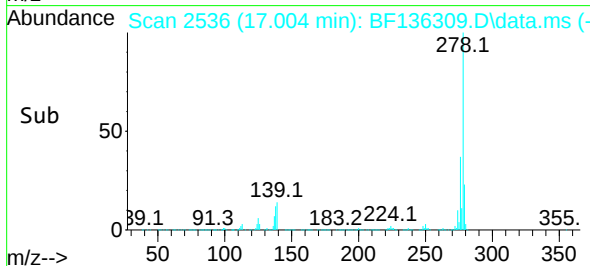
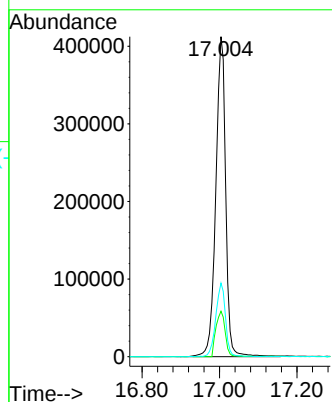
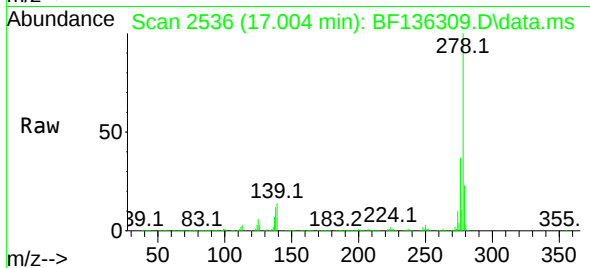
PB157208BSD

Tgt Ion:278 Resp: 731360
Ion Ratio Lower Upper
278 100
139 14.2 11.7 17.5
279 23.0 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#92
Benzo(g,h,i)perylene
Concen: 43.069 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.006 min
Lab File: BF136309.D
Acq: 30 Nov 2023 12:39

Tgt Ion:276 Resp: 695686
Ion Ratio Lower Upper
276 100
277 23.2 18.6 27.8
138 19.5 15.8 23.8

