

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
 Data File : BF136086.D
 Acq On : 01 Nov 2023 20:04
 Operator : CG\JU
 Sample : 05142-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PSC-124037MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023

Quant Time: Nov 01 22:42:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	143962	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	552977	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	271690	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	428907	20.000	ng	0.00
76) Chrysene-d12	14.015	240	275274	20.000	ng	0.00
86) Perylene-d12	15.504	264	267939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	866437	94.575	ng	0.00
7) Phenol-d6	6.463	99	1069980	93.739	ng	0.00
23) Nitrobenzene-d5	7.392	82	642868	70.082	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	279868	96.508	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1171701	68.748	ng	0.00
79) Terphenyl-d14	12.957	244	1025696	57.905	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	150174	37.644	ng	99
3) Pyridine	3.404	79	362005	33.246	ng	99
4) n-Nitrosodimethylamine	3.375	42	182859	40.165	ng	98
6) Aniline	6.487	93	468055	31.672	ng	100
8) 2-Chlorophenol	6.610	128	414836	42.354	ng	98
9) Benzaldehyde	6.375	77	110308	17.331	ng	97
10) Phenol	6.475	94	498953m	42.262	ng	
11) bis(2-Chloroethyl)ether	6.563	93	387948	41.974	ng	97
12) 1,3-Dichlorobenzene	6.763	146	435918	42.762	ng	94
13) 1,4-Dichlorobenzene	6.845	146	443328	43.395	ng	99
14) 1,2-Dichlorobenzene	6.992	146	418541	43.814	ng	97
15) Benzyl Alcohol	6.969	79	333907	41.256	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	530091	41.668	ng	100
17) 2-Methylphenol	7.081	107	318302	38.308	ng	99
18) Hexachloroethane	7.334	117	149917	41.751	ng	98
19) n-Nitroso-di-n-propyla...	7.239	70	256884	39.387	ng	97
20) 3+4-Methylphenols	7.234	107	388032	38.298	ng	99
22) Acetophenone	7.234	105	531449	43.341	ng	# 88
24) Nitrobenzene	7.410	77	399018	43.003	ng	99
25) Isophorone	7.645	82	726160	41.932	ng	99
26) 2-Nitrophenol	7.722	139	204736	48.362	ng	95
27) 2,4-Dimethylphenol	7.763	122	303803	37.977	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	450988	42.503	ng	99
29) 2,4-Dichlorophenol	7.963	162	330978	43.887	ng	97
30) 1,2,4-Trichlorobenzene	8.045	180	361105	43.892	ng	99
31) Naphthalene	8.128	128	1126778	42.256	ng	99
32) Benzoic acid	7.881	122	261118m	41.518	ng	
33) 4-Chloroaniline	8.175	127	324564	27.793	ng	99
34) Hexachlorobutadiene	8.245	225	204995	43.449	ng	99
35) Caprolactam	8.551	113	112774m	45.988	ng	
36) 4-Chloro-3-methylphenol	8.657	107	343000	43.321	ng	98
37) 2-Methylnaphthalene	8.822	142	714299	39.950	ng	99
38) 1-Methylnaphthalene	8.922	142	695105	41.775	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	351335	45.343	ng	99
41) Hexachlorocyclopentadiene	8.975	237	162064	39.150	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	228619	45.253	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	245177	41.895	ng	98
46) 1,1'-Biphenyl	9.286	154	912383	44.052	ng	99
47) 2-Chloronaphthalene	9.310	162	684815	44.852	ng	98
48) 2-Nitroaniline	9.410	65	207889	46.007	ng	91
49) Acenaphthylene	9.728	152	1066896	44.792	ng	100
50) Dimethylphthalate	9.592	163	793863	44.298	ng	100
51) 2,6-Dinitrotoluene	9.651	165	174476	45.520	ng	96
52) Acenaphthene	9.898	154	640944	42.329	ng	100
53) 3-Nitroaniline	9.822	138	172021	38.463	ng	97
54) 2,4-Dinitrophenol	9.922	184	98093	50.489	ng	# 92
55) Dibenzofuran	10.075	168	938706	42.515	ng	99
56) 4-Nitrophenol	9.980	139	274639	82.095	ng	86
57) 2,4-Dinitrotoluene	10.057	165	222492	45.879	ng	93
58) Fluorene	10.416	166	693220	41.934	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	199493	42.877	ng	99
60) Diethylphthalate	10.292	149	754293	44.051	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	347597	42.123	ng	98
62) 4-Nitroaniline	10.433	138	162876	37.821	ng	99
63) Azobenzene	10.569	77	683506	41.448	ng	99
65) 4,6-Dinitro-2-methylph...	10.463	198	68440	31.328	ng	88
66) n-Nitrosodiphenylamine	10.533	169	641862	49.609	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	218494	48.589	ng	97
68) Hexachlorobenzene	10.963	284	235882	49.115	ng	# 93
69) Atrazine	11.063	200	206419	58.636	ng	99
70) Pentachlorophenol	11.157	266	244618	79.309	ng	97
71) Phenanthrene	11.380	178	967310	44.792	ng	99
72) Anthracene	11.433	178	966961	43.697	ng	99
73) Carbazole	11.592	167	821083	42.699	ng	99
74) Di-n-butylphthalate	11.933	149	1051686	47.862	ng	100
75) Fluoranthene	12.574	202	900373	40.584	ng	100
77) Benzidine	12.704	184	462300	86.165	ng	99
78) Pyrene	12.804	202	907987	37.413	ng	100
80) Butylbenzylphthalate	13.439	149	362837	41.766	ng	97
81) Benzo(a)anthracene	14.004	228	799885	43.892	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	296241	50.931	ng	99
83) Chrysene	14.045	228	779276	43.420	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	462036	45.650	ng	# 98
85) Di-n-octyl phthalate	14.627	149	874869	57.701	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	580561	33.153	ng	99
88) Benzo(b)fluoranthene	15.068	252	749421	47.269	ng	99
89) Benzo(k)fluoranthene	15.098	252	714147	45.525	ng	99
90) Benzo(a)pyrene	15.445	252	614749	41.731	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	491892	34.292	ng	98
92) Benzo(g,h,i)perylene	17.480	276	448970	28.729	ng	99

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

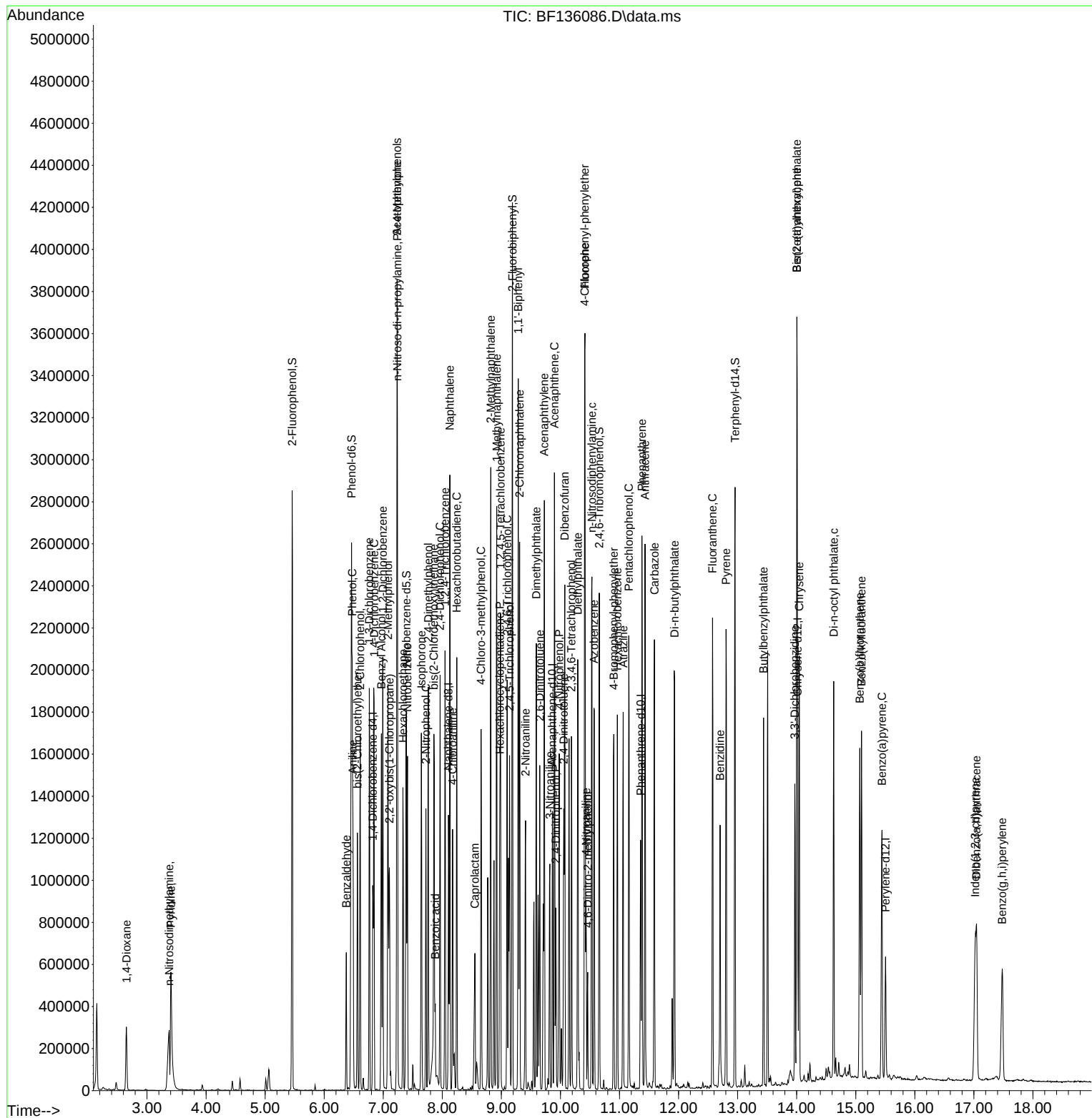
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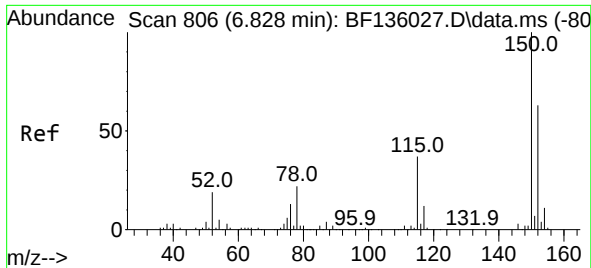
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 Supervised By :mohammad ahmed 11/02/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136086.D
 Acq: 01 Nov 2023 20:04

Instrument :

BNA_F

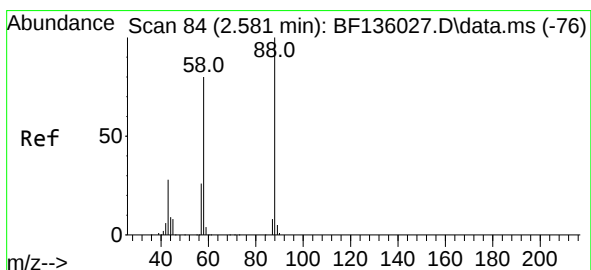
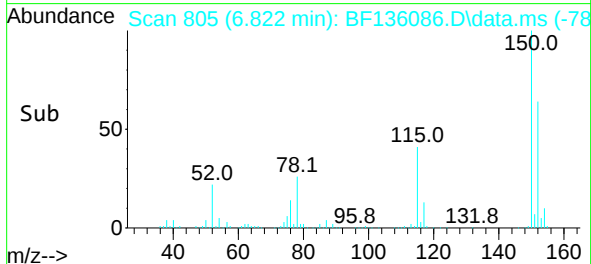
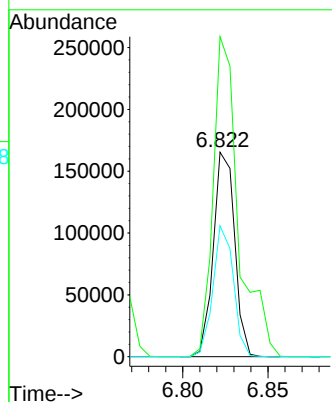
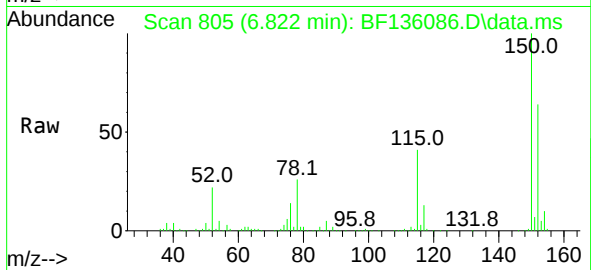
ClientSampleId :

PSC-124037MS

Tgt Ion:152 Resp: 143962
 Ion Ratio Lower Upper
 152 100
 150 156.4 126.4 189.6
 115 64.0 47.0 70.4

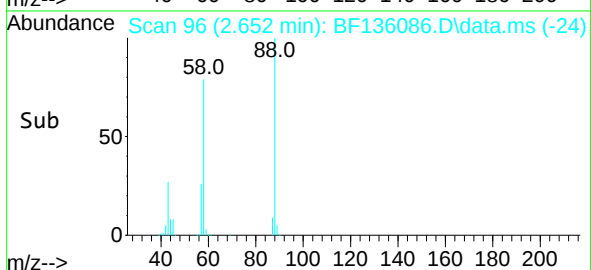
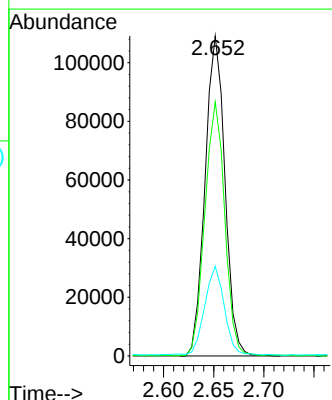
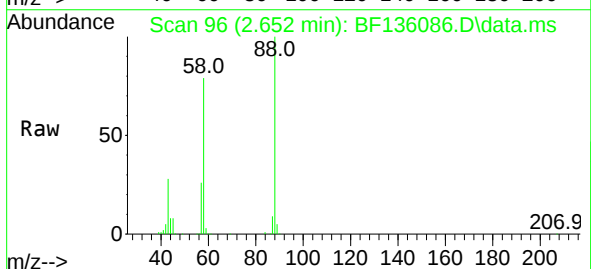
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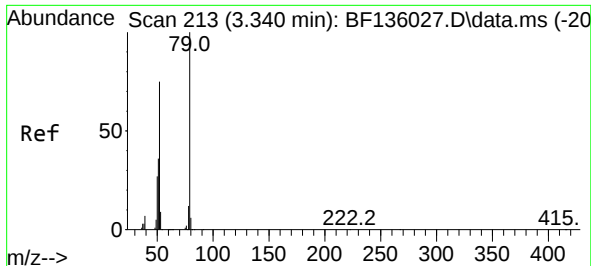
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#2
 1,4-Dioxane
 Concen: 37.644 ng
 RT: 2.652 min Scan# 96
 Delta R.T. 0.071 min
 Lab File: BF136086.D
 Acq: 01 Nov 2023 20:04

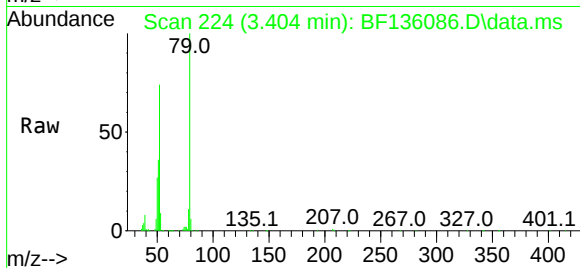
Tgt Ion: 88 Resp: 150174
 Ion Ratio Lower Upper
 88 100
 58 79.6 64.3 96.5
 43 27.9 22.3 33.5





#3
Pyridine
Concen: 33.246 ng
RT: 3.404 min Scan# 213
Delta R.T. 0.065 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

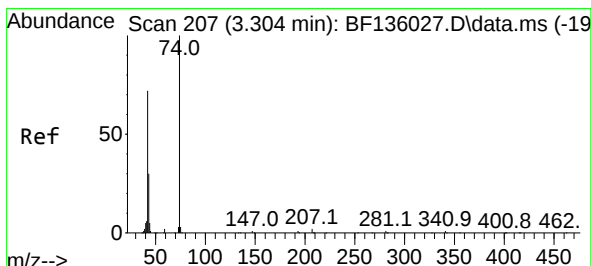
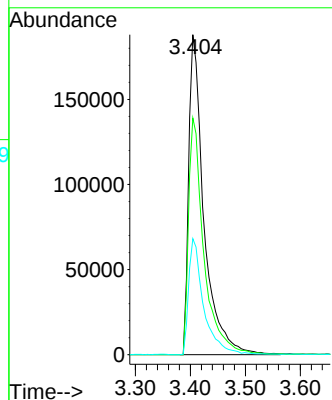
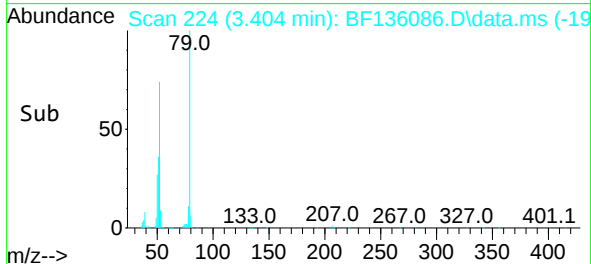
Instrument :
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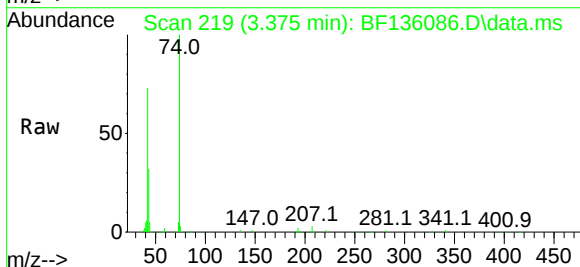
Tgt Ion: 79 Resp: 36200
Ion Ratio Lower Upper
79 100
52 74.0 60.3 90.5
51 36.3 29.3 43.9

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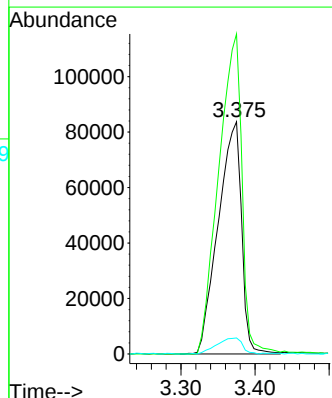
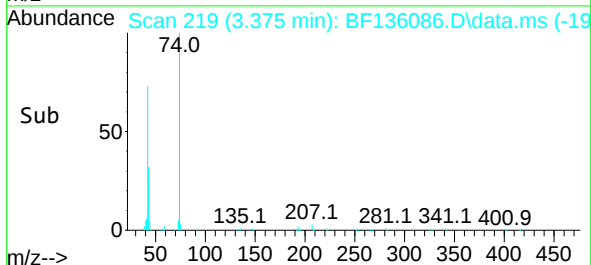
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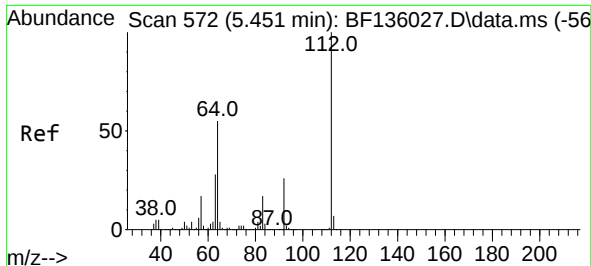


#4
n-Nitrosodimethylamine
Concen: 40.165 ng
RT: 3.375 min Scan# 219
Delta R.T. 0.071 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04



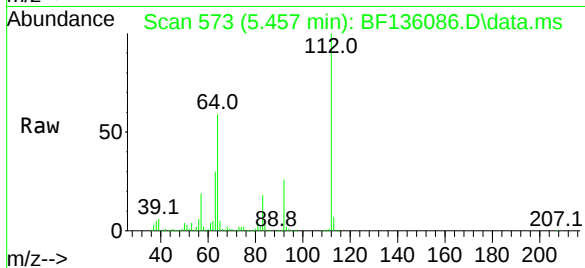
Tgt Ion: 42 Resp: 182859
Ion Ratio Lower Upper
42 100
74 137.8 111.8 167.6
44 6.9 6.2 9.4





#5
2-Fluorophenol
Concen: 94.575 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

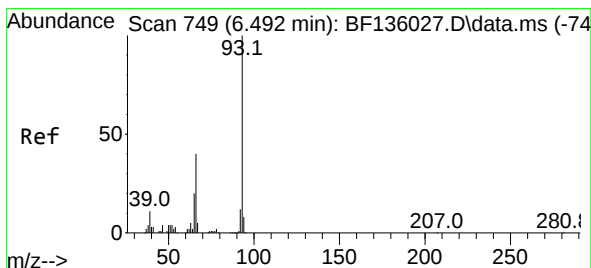
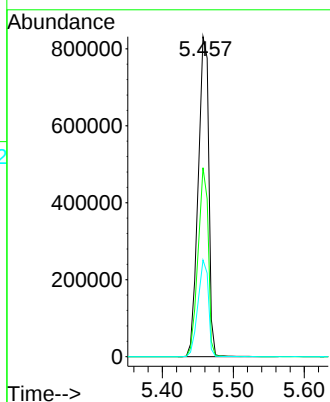
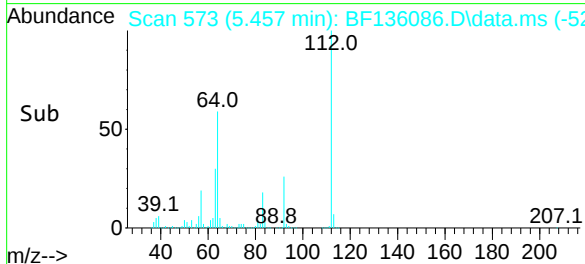
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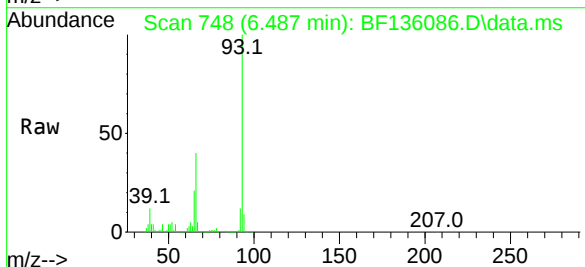
Tgt Ion:112 Resp: 86643
Ion Ratio Lower Upper
112 100
64 59.0 43.9 65.9
63 30.2 22.4 33.6

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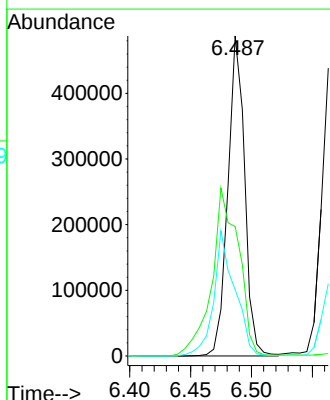
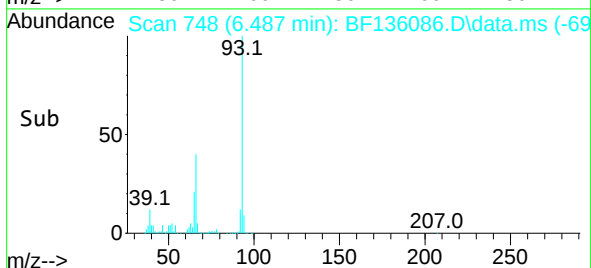
Reviewed By :Yogesh Patel 11/02/2023
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#6
Aniline
Concen: 31.672 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04



Tgt Ion: 93 Resp: 468055
Ion Ratio Lower Upper
93 100
66 40.4 32.4 48.6
65 20.7 16.2 24.2





#7

Phenol-d6

Concen: 93.739 ng

RT: 6.463 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF136086.D

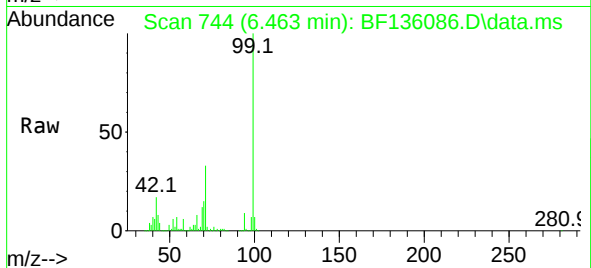
Acq: 01 Nov 2023 20:04

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1069980

Ion Ratio Lower Upper

99 100

42 16.9 13.7 20.5

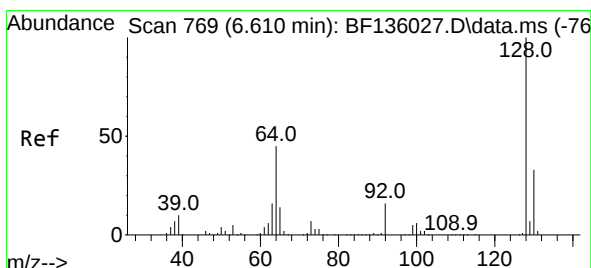
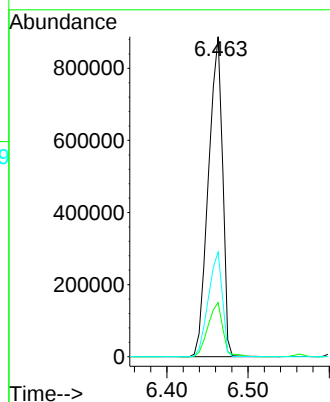
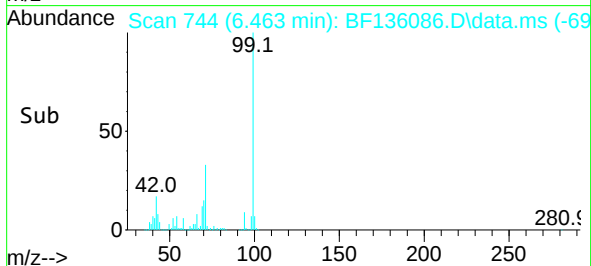
71 32.7 25.9 38.9

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#8

2-Chlorophenol

Concen: 42.354 ng

RT: 6.610 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF136086.D

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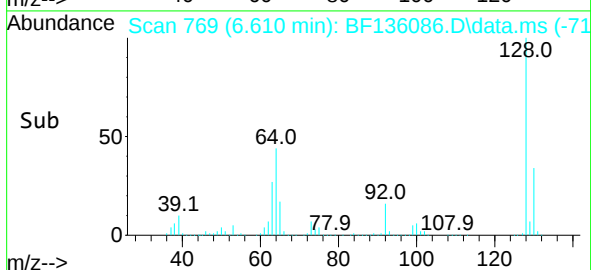
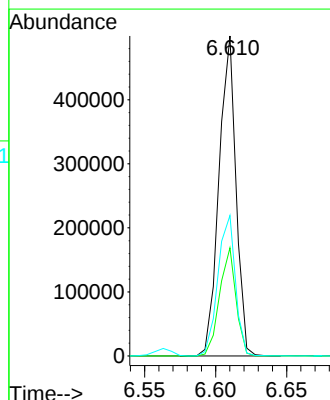
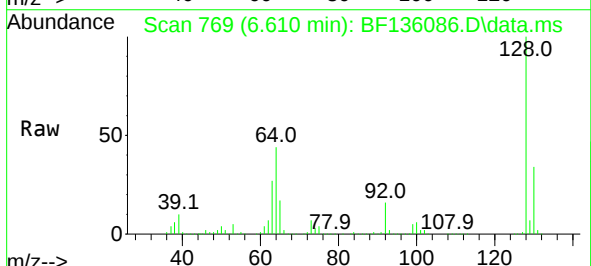
Tgt Ion:128 Resp: 414836

Ion Ratio Lower Upper

128 100

130 33.8 12.8 52.8

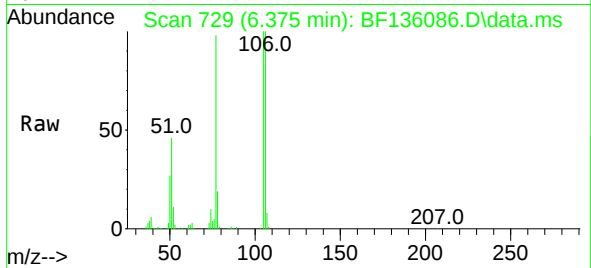
64 43.9 25.8 65.8





#9
Benzaldehyde
Concen: 17.331 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF136086.D
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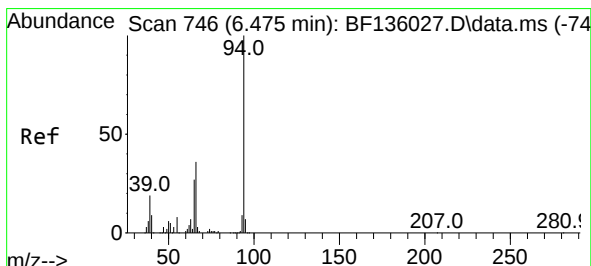
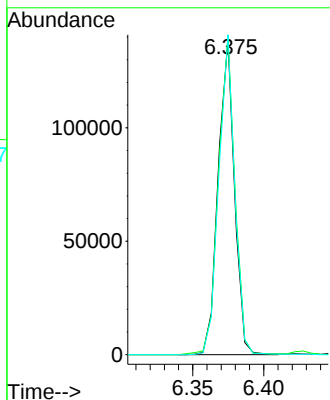
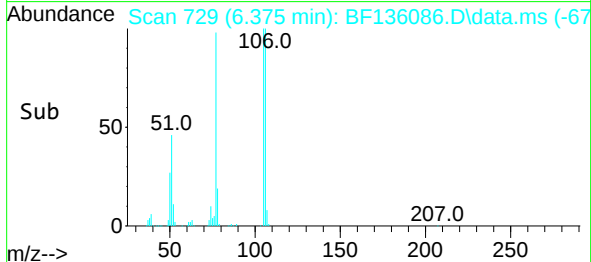
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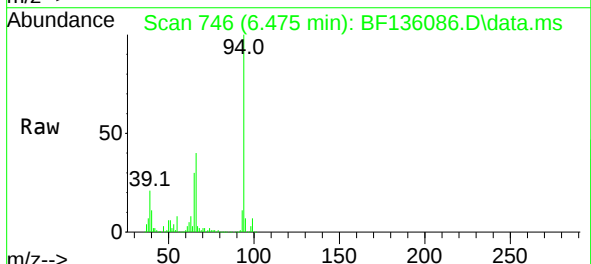
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Ion Ratio Lower Upper
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105 101.5 85.7 125.7
106 101.8 79.8 119.8

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APPROVED

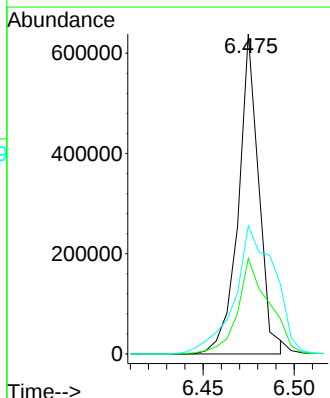
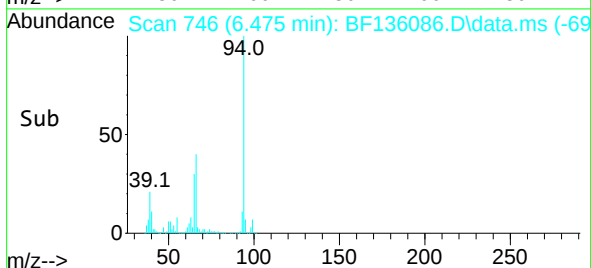
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

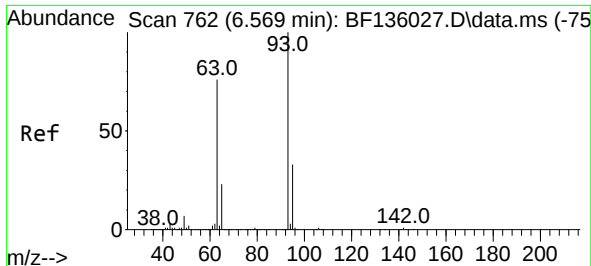


#10
Phenol
Concen: 42.262 ng m
RT: 6.475 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04



Tgt Ion: 94 Resp: 498953
Ion Ratio Lower Upper
94 100
65 29.9 7.5 47.5
66 40.1 17.1 57.1





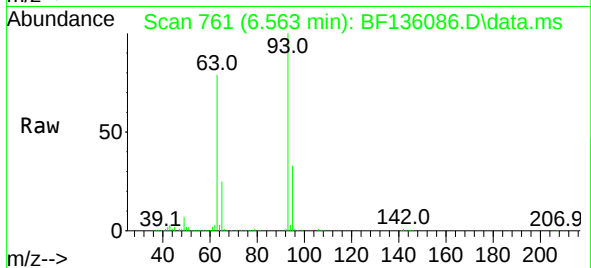
#11
bis(2-Chloroethyl)ether
Concen: 41.974 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

Instrument :

BNA_F

ClientSampleId :

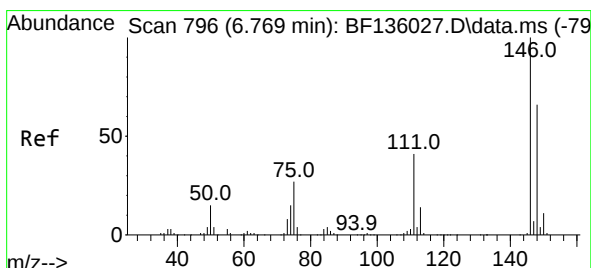
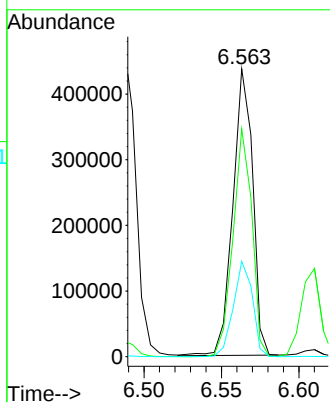
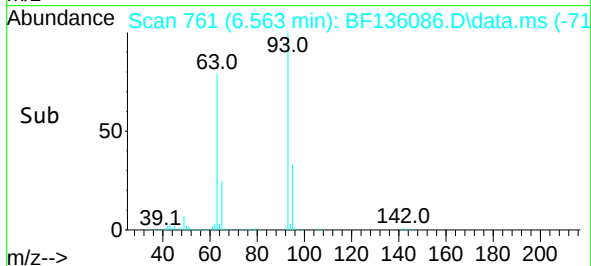
PSC-124037MS



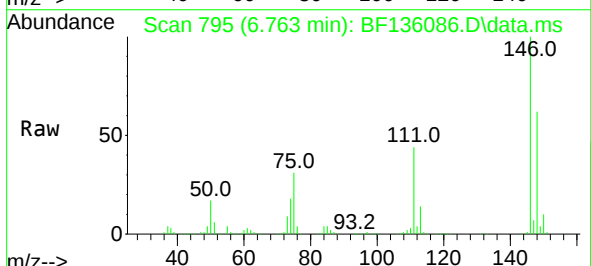
Tgt Ion: 93 Resp: 387948
Ion Ratio Lower Upper
93 100
63 79.1 55.8 95.8
95 33.1 12.9 52.9

Manual Integrations
APPROVED

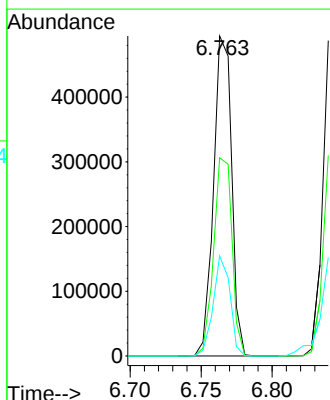
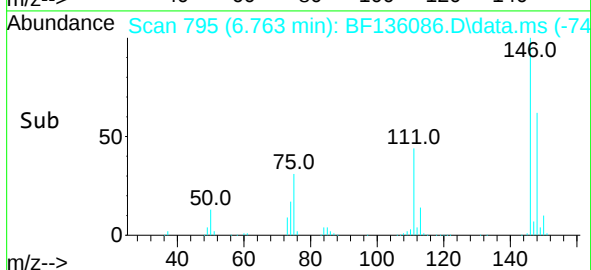
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

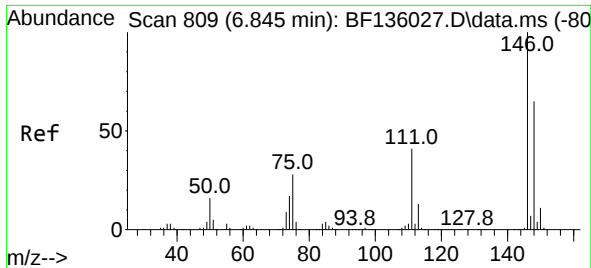


#12
1,3-Dichlorobenzene
Concen: 42.762 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04



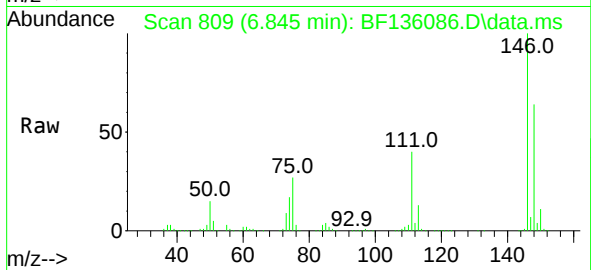
Tgt Ion:146 Resp: 435918
Ion Ratio Lower Upper
146 100
148 62.0 52.6 78.8
75 31.3 21.6 32.4





#13
1,4-Dichlorobenzene
Concen: 43.395 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

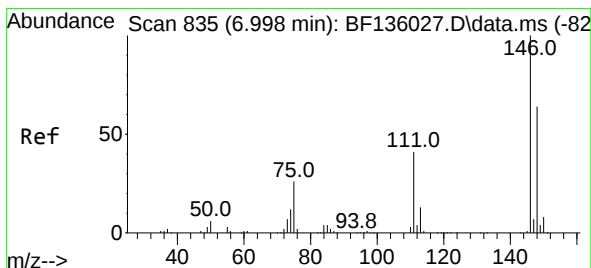
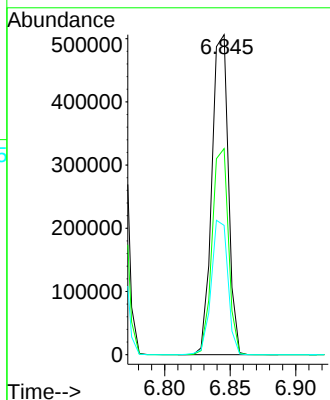
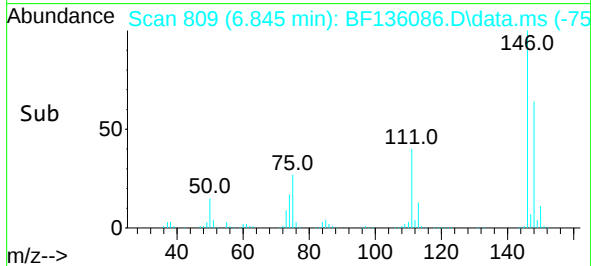
Instrument :
BNA_F
ClientSampleId :
PSC-124037MS



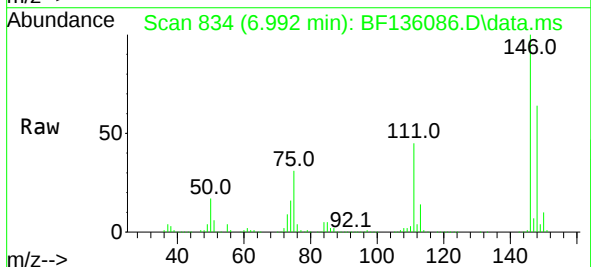
Tgt Ion:146 Resp: 443328
Ion Ratio Lower Upper
146 100
148 64.4 52.1 78.1
111 40.4 32.6 48.8

Manual Integrations
APPROVED

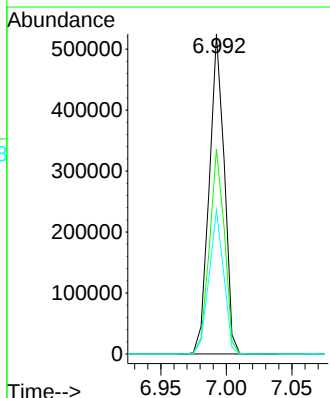
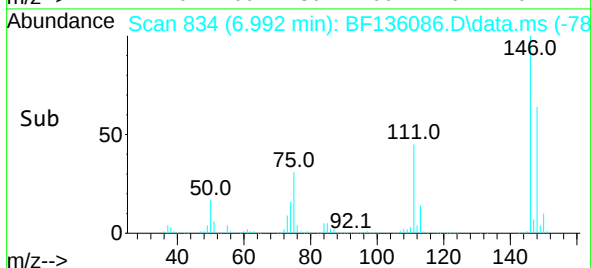
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

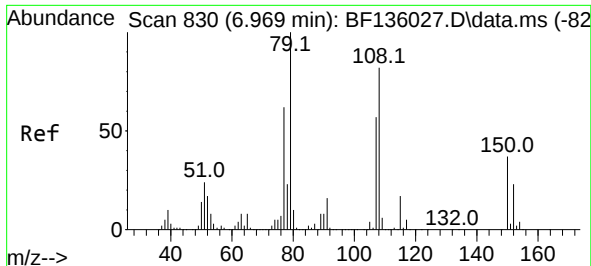


#14
1,2-Dichlorobenzene
Concen: 43.814 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04



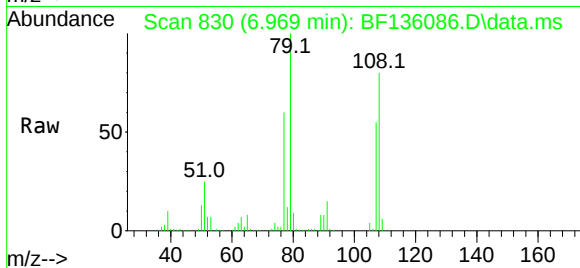
Tgt Ion:146 Resp: 418541
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
111 45.0 33.0 49.4





#15
Benzyl Alcohol
Concen: 41.256 ng
RT: 6.969 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

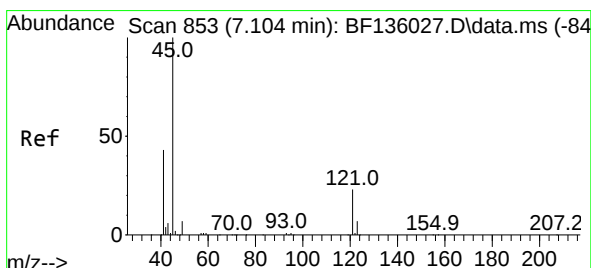
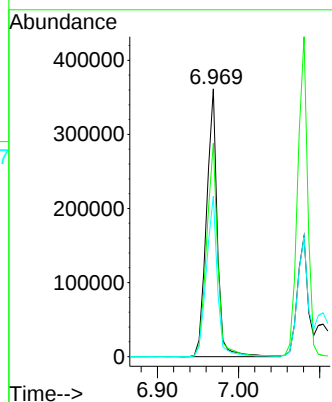
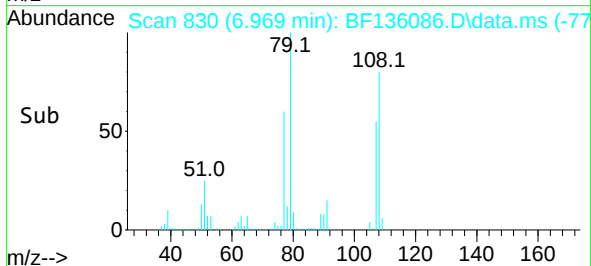
Instrument :
BNA_F
ClientSampleId :
PSC-124037MS



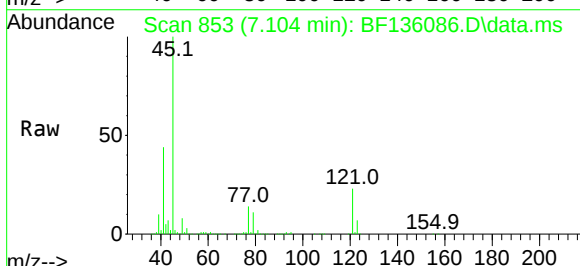
Tgt Ion: 79 Resp: 333907
Ion Ratio Lower Upper
79 100
108 79.6 65.9 98.9
77 60.0 49.4 74.2

Manual Integrations
APPROVED

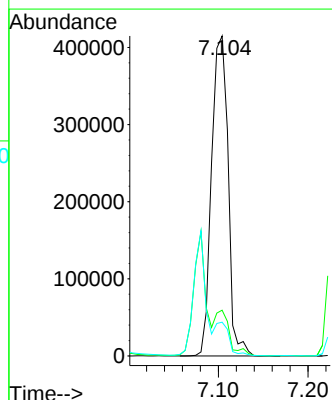
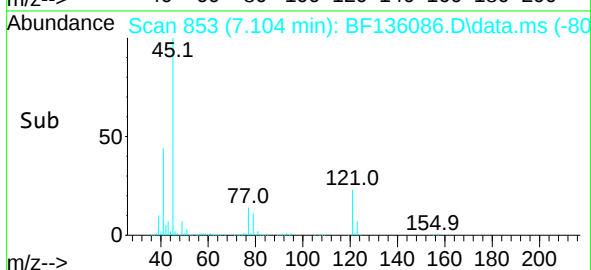
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

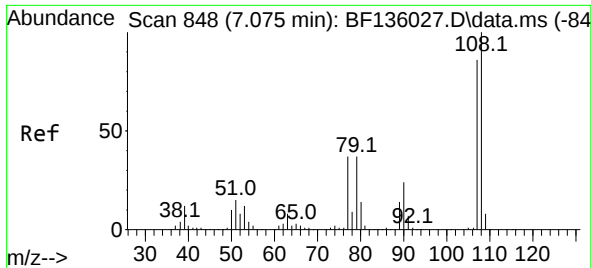


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.668 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04



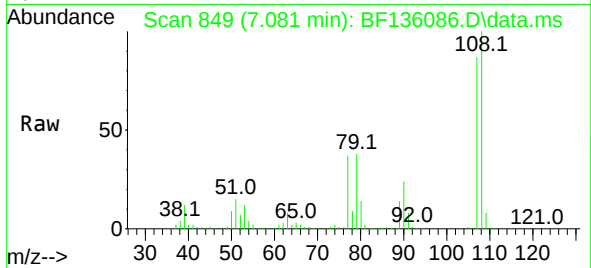
Tgt Ion: 45 Resp: 530091
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.6
79 10.6 0.0 30.6





#17
2-Methylphenol
Concen: 38.308 ng
RT: 7.081 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

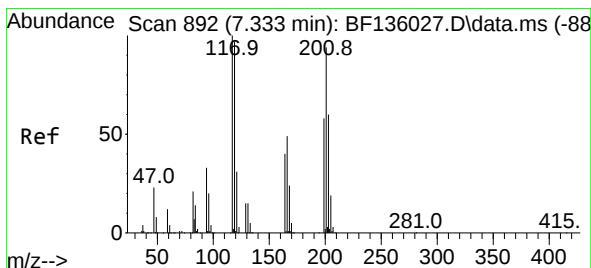
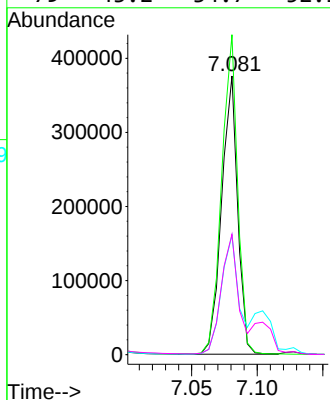
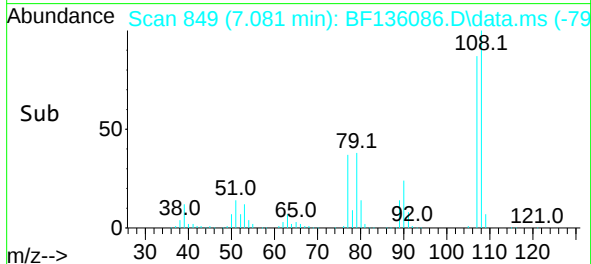
Instrument :
BNA_F
ClientSampleId :
PSC-124037MS



Tgt Ion:107 Resp: 31830
Ion Ratio Lower Upper
107 100
108 114.8 93.4 140.2
77 42.9 34.4 51.6
79 43.2 34.7 52.1

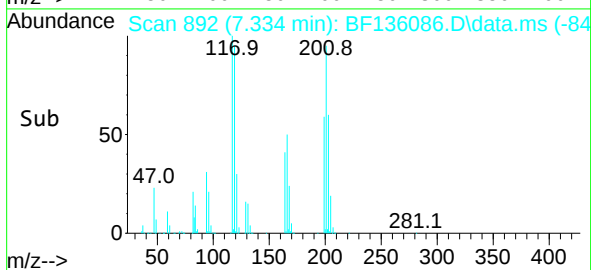
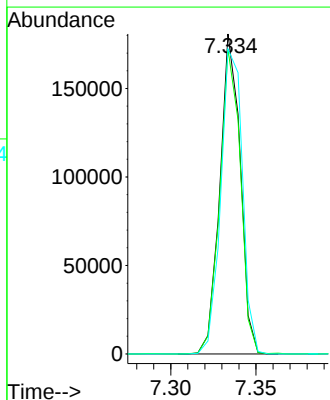
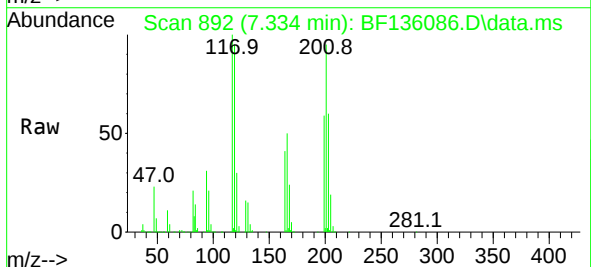
Manual Integrations
APPROVED

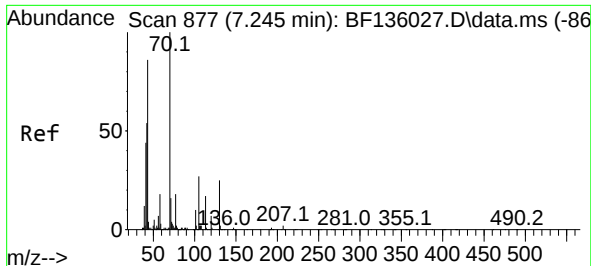
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#18
Hexachloroethane
Concen: 41.751 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

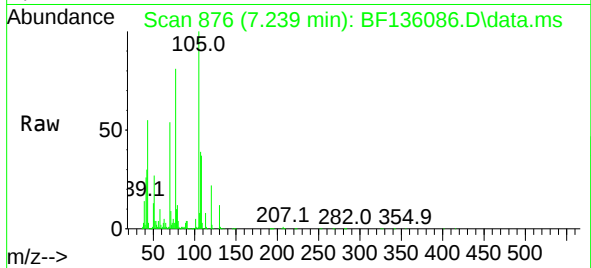
Tgt Ion:117 Resp: 149917
Ion Ratio Lower Upper
117 100
119 95.3 77.7 116.5
201 95.3 75.0 112.6





#19
n-Nitroso-di-n-propylamine
Concen: 39.387 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

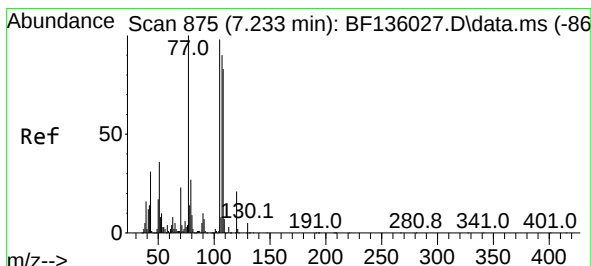
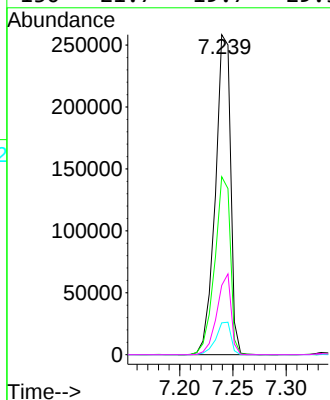
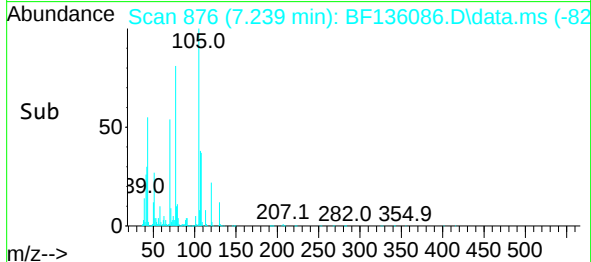
Instrument :
BNA_F
ClientSampleId :
PSC-124037MS



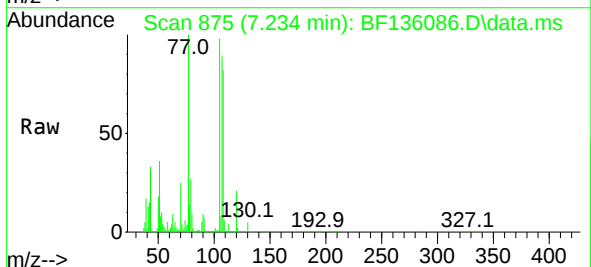
Tgt Ion: 70 Resp: 256884
Ion Ratio Lower Upper
70 100
42 55.6 43.0 64.4
101 10.0 8.0 12.0
130 21.7 19.7 29.5

Manual Integrations
APPROVED

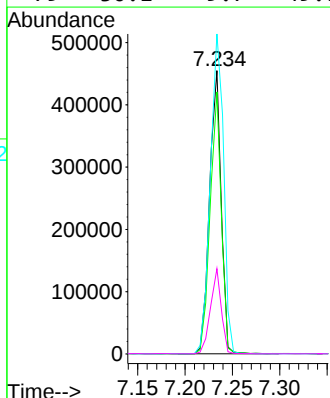
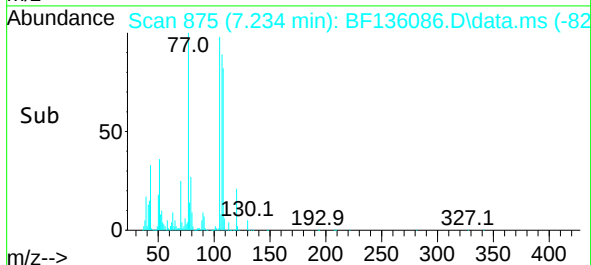
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

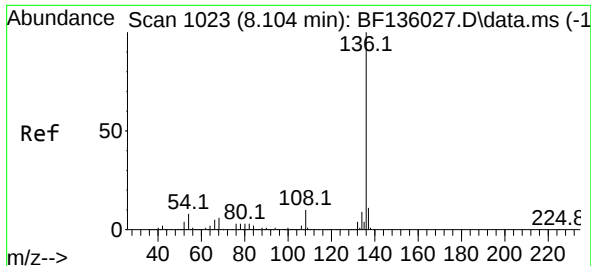


#20
3+4-Methylphenols
Concen: 38.298 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04



Tgt Ion:107 Resp: 388032
Ion Ratio Lower Upper
107 100
108 92.5 72.3 112.3
77 113.0 91.4 131.4
79 30.1 9.7 49.7





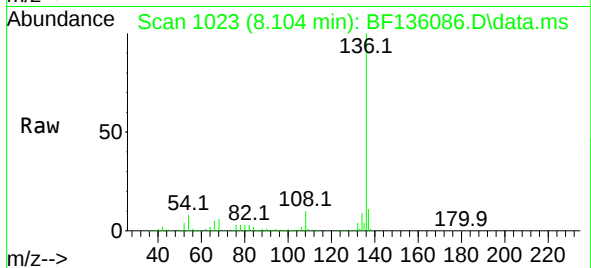
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

Instrument :

BNF_F

ClientSampleId :

PSC-124037MS



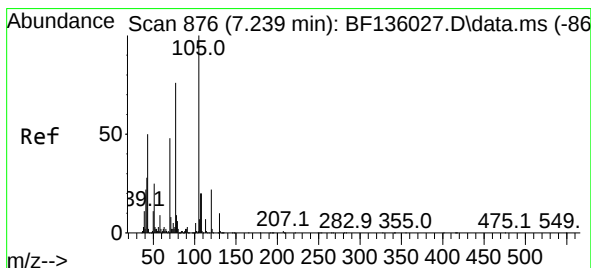
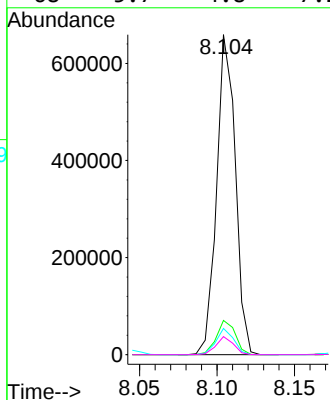
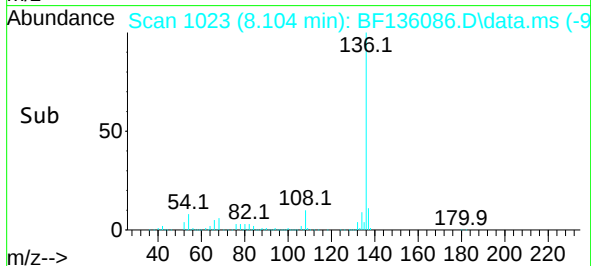
Tgt Ion:136 Resp: 55297
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.2 6.6 9.8
68 5.7 4.8 7.2

Manual Integrations

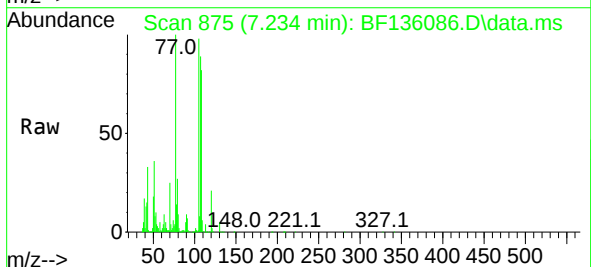
APPROVED

Reviewed By :Yogesh Patel 11/02/2023

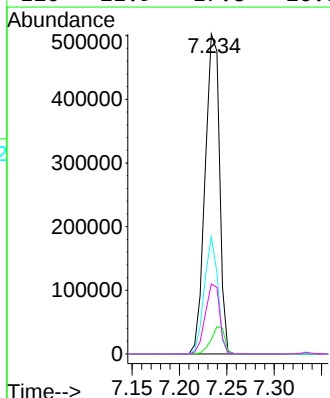
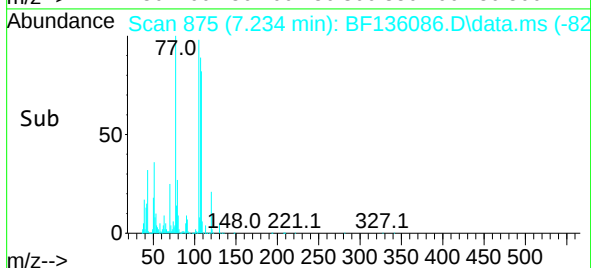
Supervised By :mohammad ahmed 11/02/2023

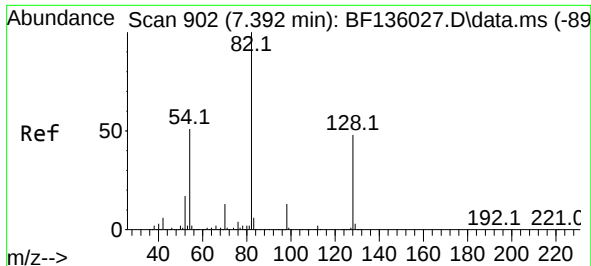


#22
Acetophenone
Concen: 43.341 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04



Tgt Ion:105 Resp: 531449
Ion Ratio Lower Upper
105 100
71 4.5 6.5 9.7#
51 36.6 20.3 30.5#
120 21.9 17.8 26.8





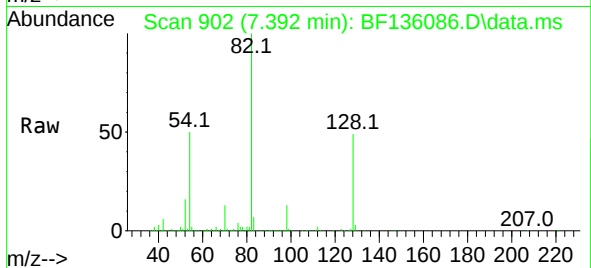
#23
Nitrobenzene-d5
Concen: 70.082 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

Instrument :

BNA_F

ClientSampleId :

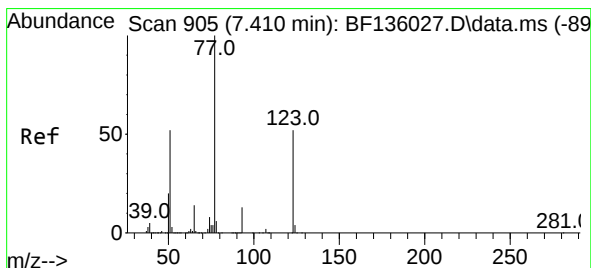
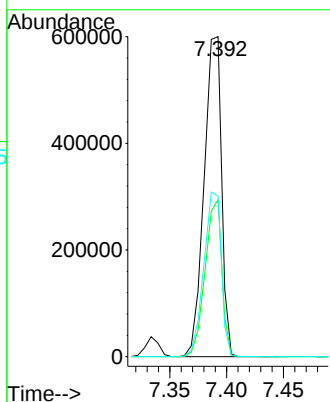
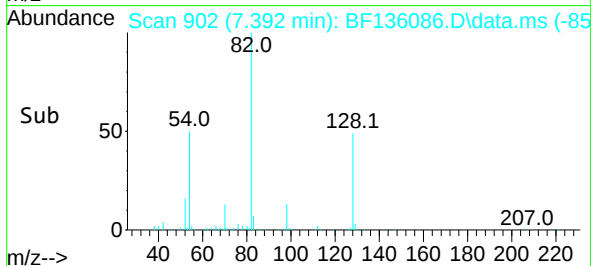
PSC-124037MS



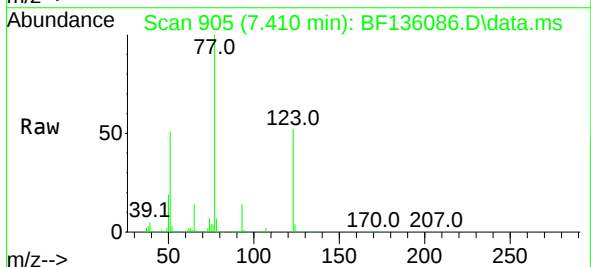
Tgt Ion: 82 Resp: 642868
Ion Ratio Lower Upper
82 100
128 49.0 38.6 57.8
54 50.1 40.8 61.2

Manual Integrations
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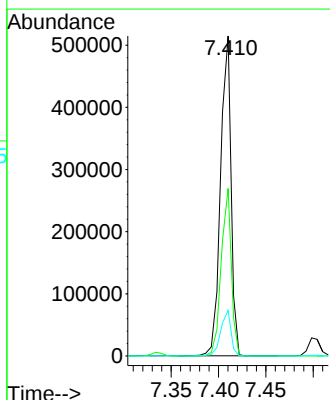
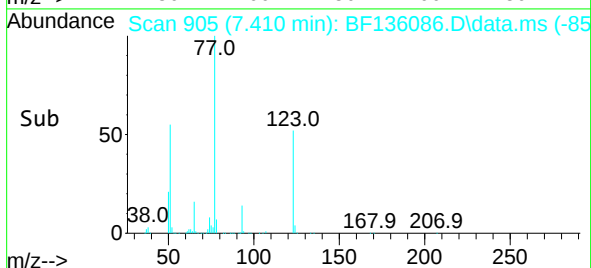
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

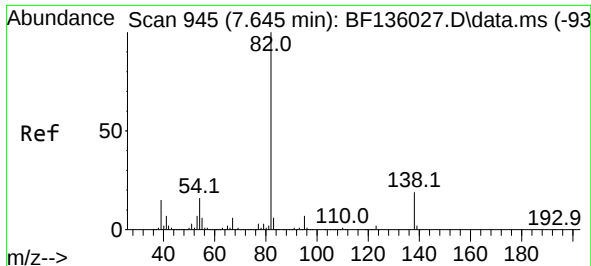


#24
Nitrobenzene
Concen: 43.003 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04



Tgt Ion: 77 Resp: 399018
Ion Ratio Lower Upper
77 100
123 52.3 42.3 63.5
65 14.2 11.0 16.6





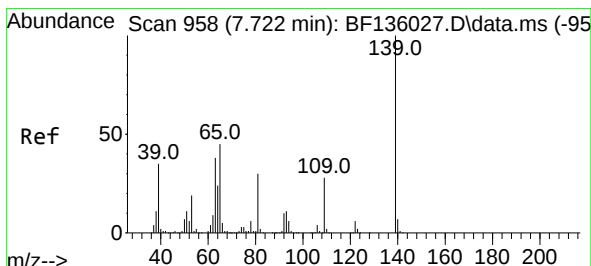
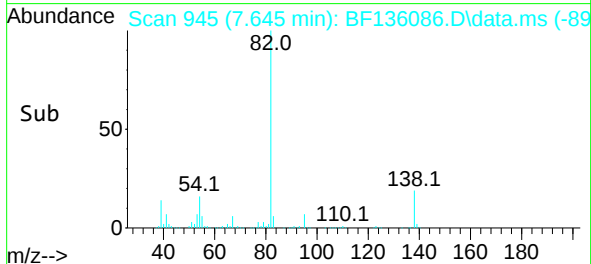
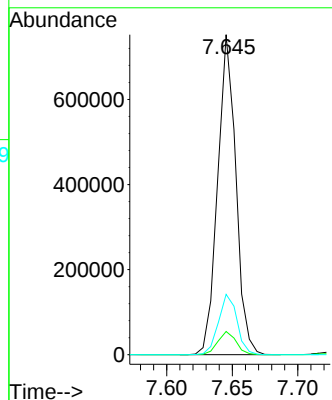
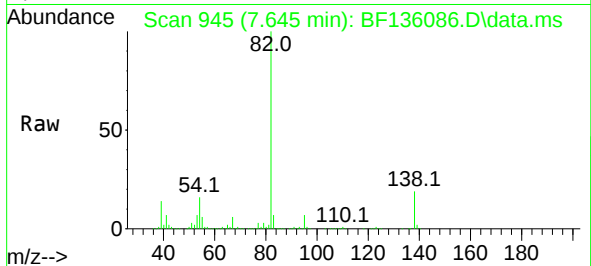
#25
Isophorone
Concen: 41.932 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

Instrument :
BNA_F
ClientSampleId :
PSC-124037MS

Tgt Ion: 82 Resp: 726160
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 18.8 15.3 22.9

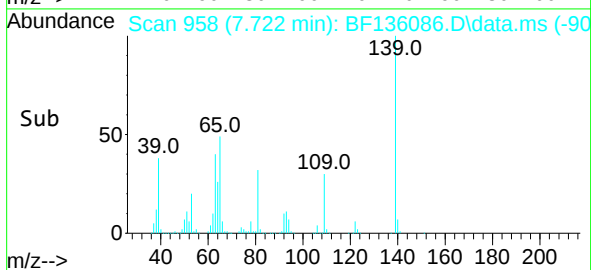
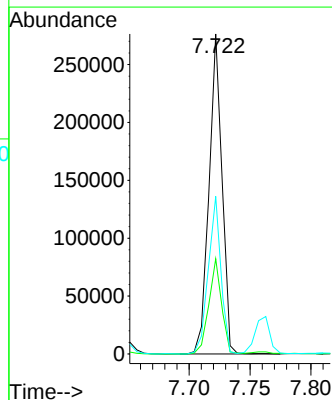
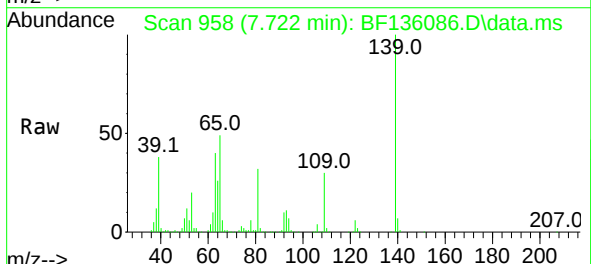
Manual Integrations
APPROVED

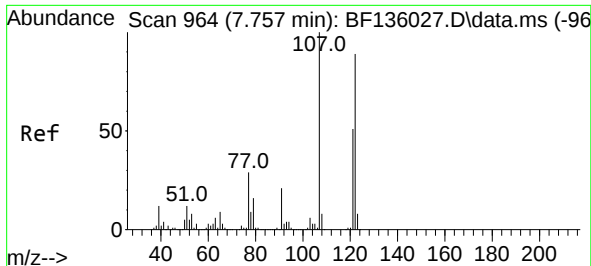
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#26
2-Nitrophenol
Concen: 48.362 ng
RT: 7.722 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

Tgt Ion:139 Resp: 204736
Ion Ratio Lower Upper
139 100
109 29.7 22.6 34.0
65 49.3 36.3 54.5





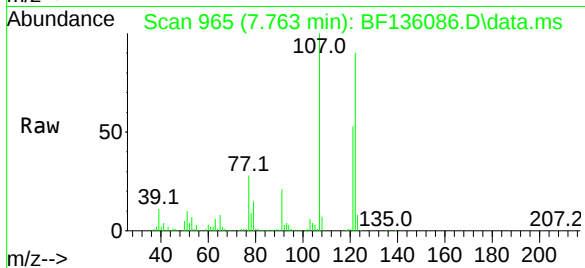
#27
2,4-Dimethylphenol
Concen: 37.977 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

Instrument :

BNA_F

ClientSampleId :

PSC-124037MS

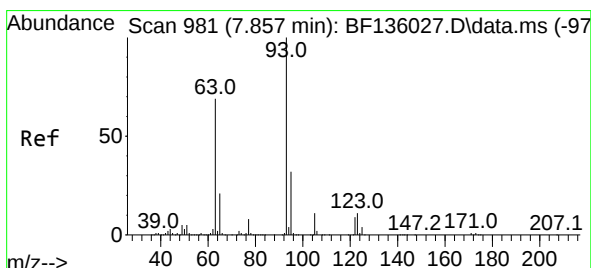
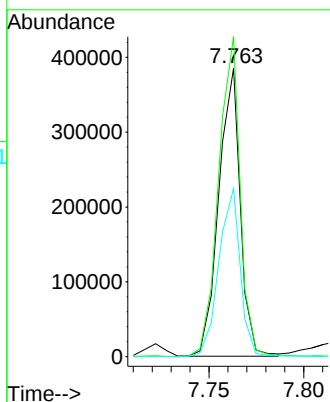
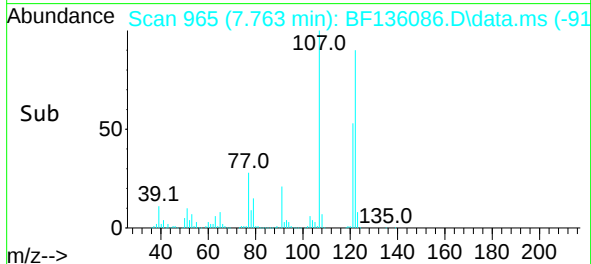


Tgt Ion:122 Resp: 30380
Ion Ratio Lower Upper
122 100
107 110.9 89.6 134.4
121 58.2 46.0 69.0

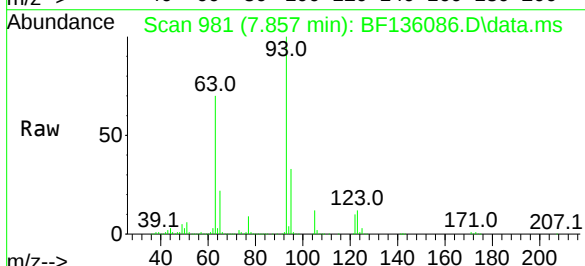
Manual Integrations

APPROVED

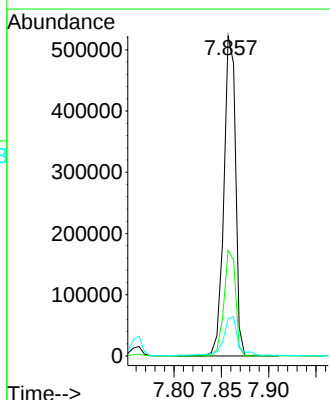
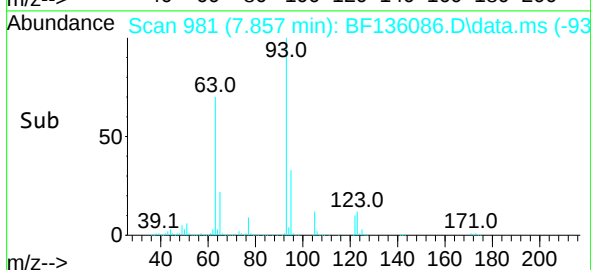
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

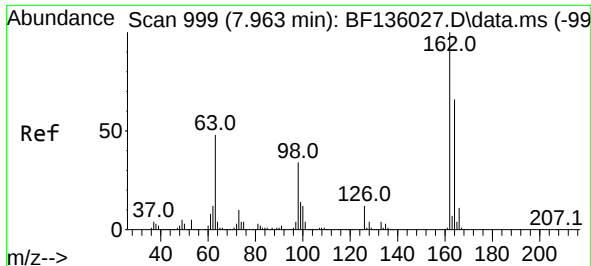


#28
bis(2-Chloroethoxy)methane
Concen: 42.503 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04



Tgt Ion: 93 Resp: 450988
Ion Ratio Lower Upper
93 100
95 32.9 25.7 38.5
123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.887 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF136086.D

Acq: 01 Nov 2023 20:04

Instrument :

BNA_F

ClientSampleId :

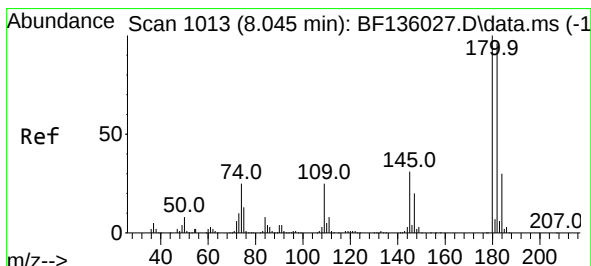
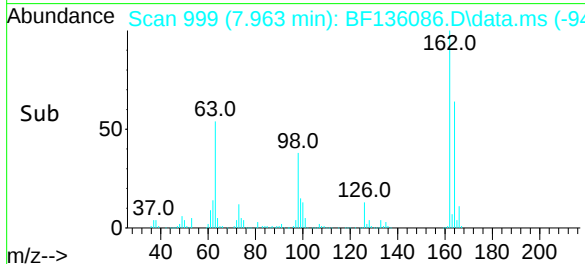
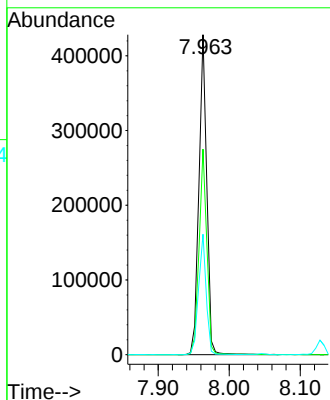
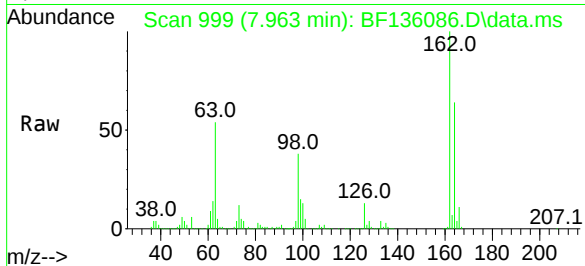
PSC-124037MS

Tgt Ion:162 Resp: 330978
 Ion Ratio Lower Upper
 162 100
 164 64.2 45.5 85.5
 98 37.7 14.4 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.892 ng

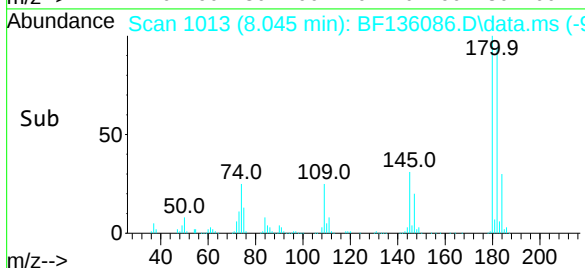
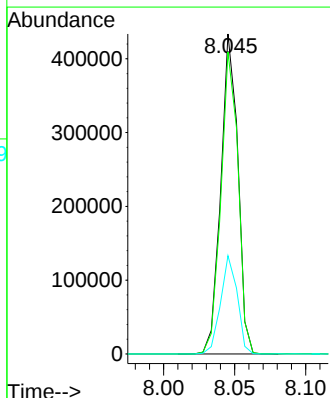
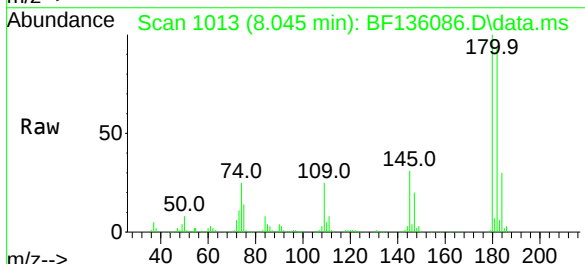
RT: 8.045 min Scan# 1013

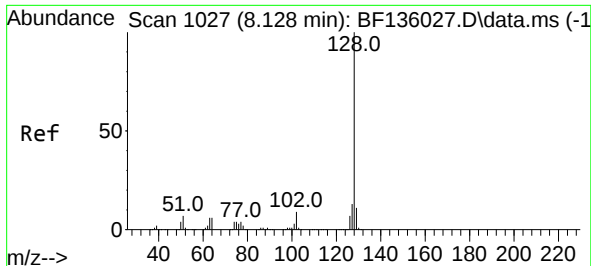
Delta R.T. 0.000 min

Lab File: BF136086.D

Acq: 01 Nov 2023 20:04

Tgt Ion:180 Resp: 361105
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.9 115.3
 145 30.7 24.7 37.1





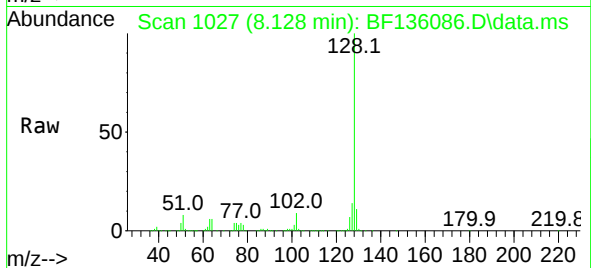
#31
Naphthalene
Concen: 42.256 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

Instrument :

BNA_F

ClientSampleId :

PSC-124037MS



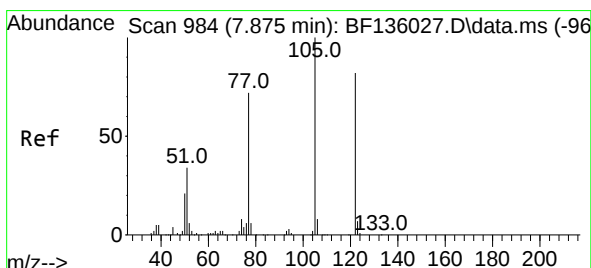
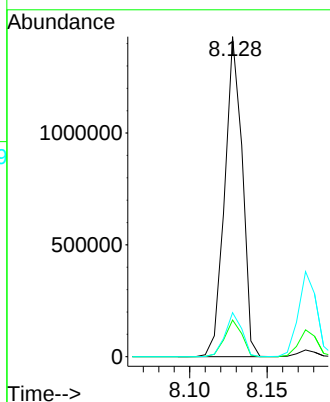
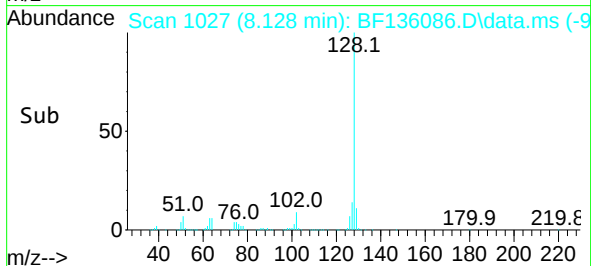
Tgt Ion:128 Resp: 1126778
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.8 10.5 15.7

Manual Integrations

APPROVED

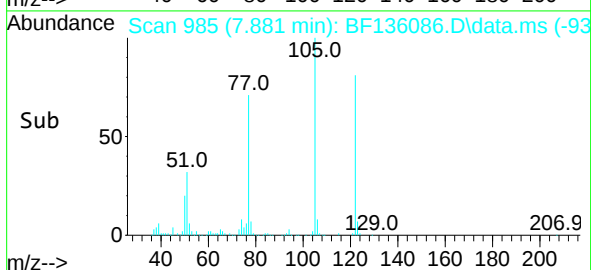
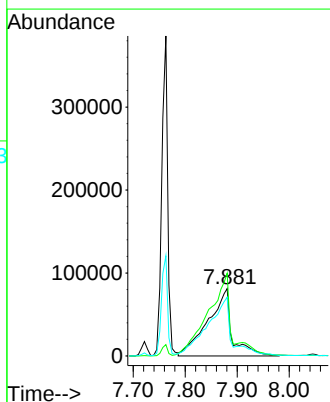
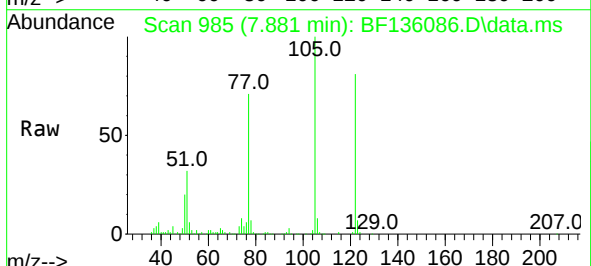
Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#32
Benzoic acid
Concen: 41.518 ng m
RT: 7.881 min Scan# 985
Delta R.T. 0.006 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

Tgt Ion:122 Resp: 261118
Ion Ratio Lower Upper
122 100
105 122.9 99.5 139.5
77 87.3 66.8 106.8





#33

4-Chloroaniline

Concen: 27.793 ng

RT: 8.175 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF136086.D

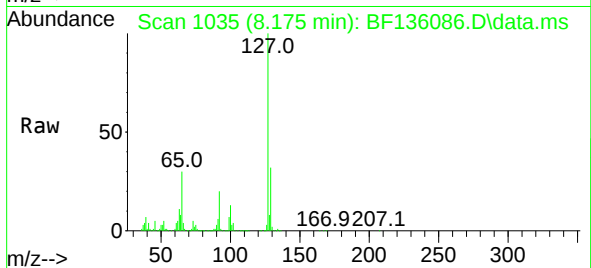
Acq: 01 Nov 2023 20:04

Instrument :

BNA_F

ClientSampleId :

PSC-124037MS



Tgt Ion:127 Resp: 324564

Ion Ratio Lower Upper

127 100

129 31.5 25.9 38.9

65 30.4 24.6 37.0

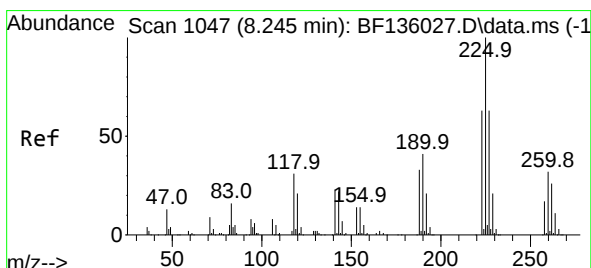
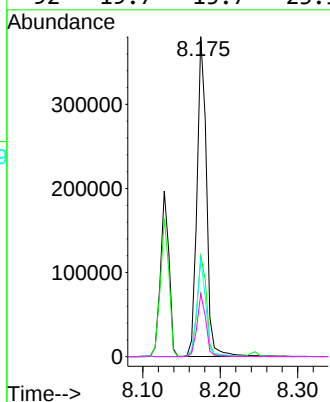
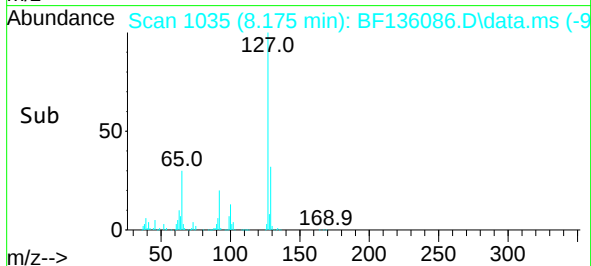
92 19.7 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#34

Hexachlorobutadiene

Concen: 43.449 ng

RT: 8.245 min Scan# 1047

Delta R.T. 0.000 min

Lab File: BF136086.D

Acq: 01 Nov 2023 20:04

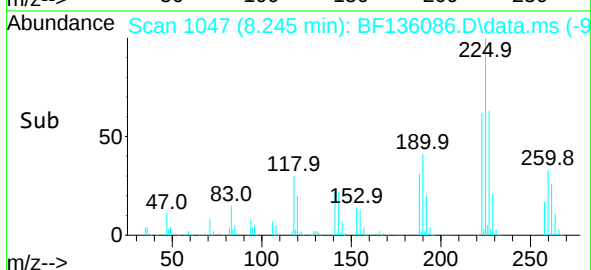
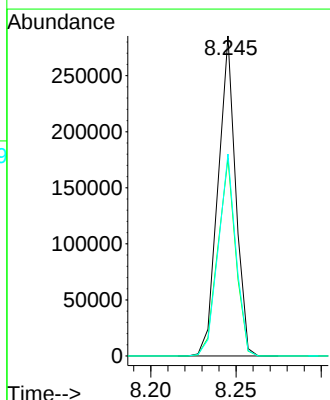
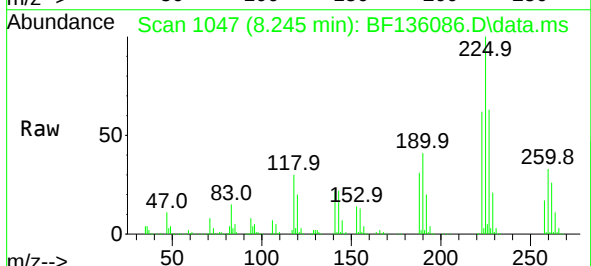
Tgt Ion:225 Resp: 204995

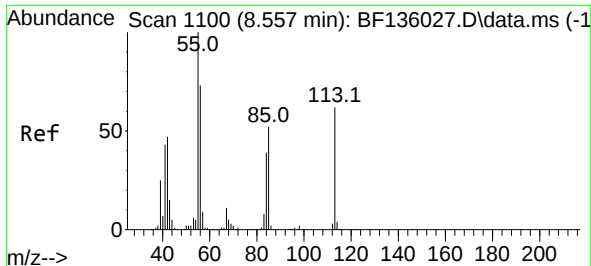
Ion Ratio Lower Upper

225 100

223 61.8 50.3 75.5

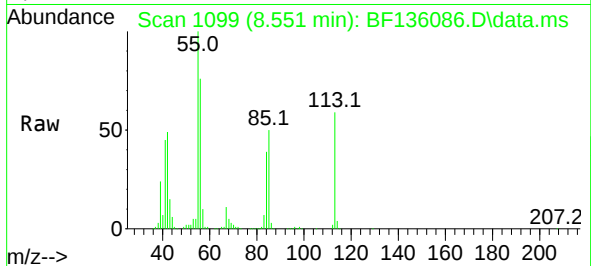
227 63.1 50.6 75.8





#35
Caprolactam
Concen: 45.988 ng m
RT: 8.551 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

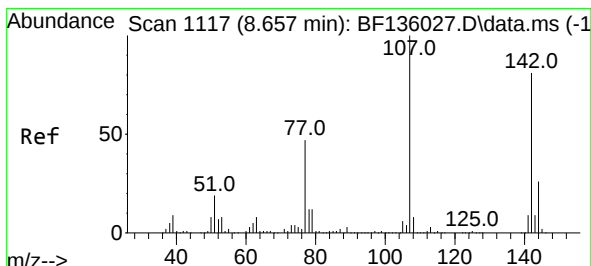
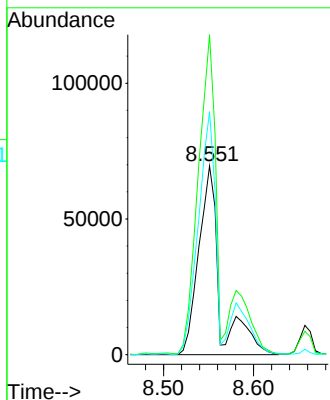
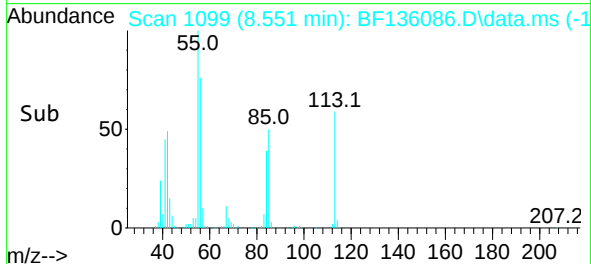
Instrument :
BNA_F
ClientSampleId :
PSC-124037MS



Tgt Ion:113 Resp: 112774
Ion Ratio Lower Upper
113 100
55 169.5 142.2 182.2
56 128.7 97.7 137.7

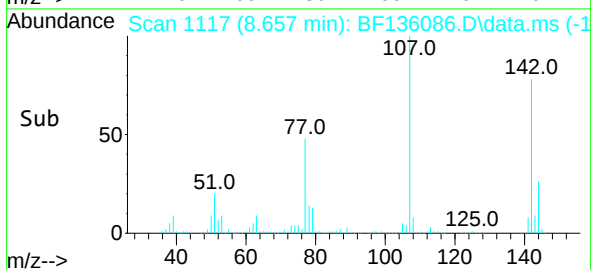
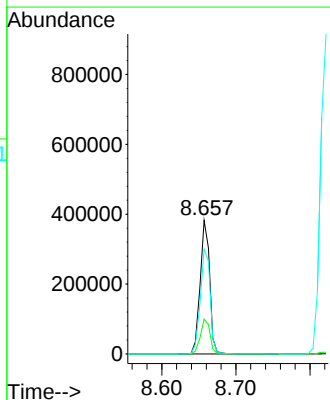
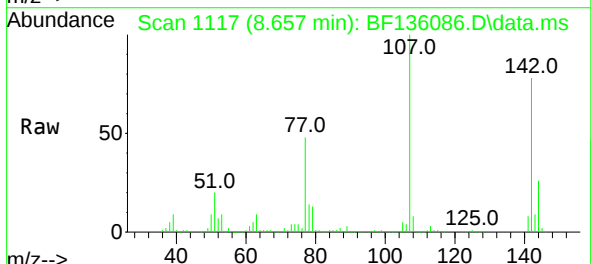
Manual Integrations
APPROVED

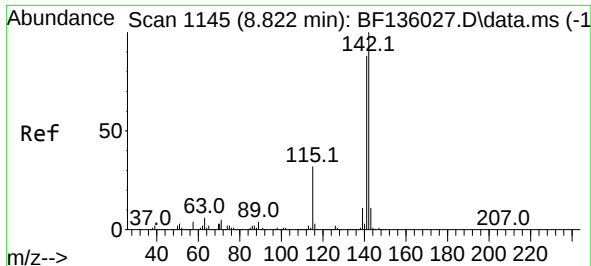
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#36
4-Chloro-3-methylphenol
Concen: 43.321 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

Tgt Ion:107 Resp: 343000
Ion Ratio Lower Upper
107 100
144 26.1 20.6 31.0
142 78.3 64.6 97.0





#37
2-Methylnaphthalene
Concen: 39.950 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

Instrument :

BNA_F

ClientSampleId :

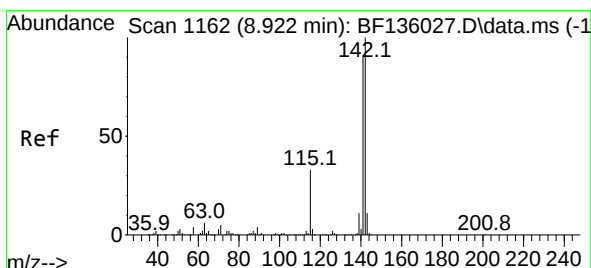
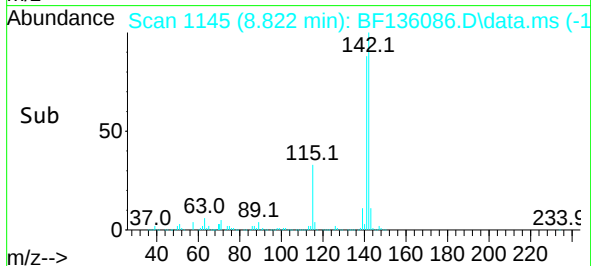
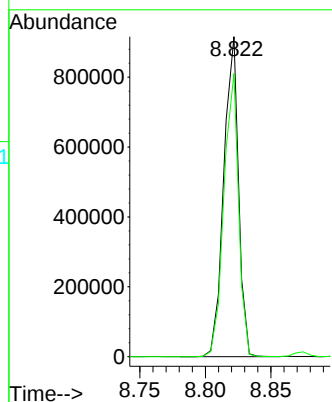
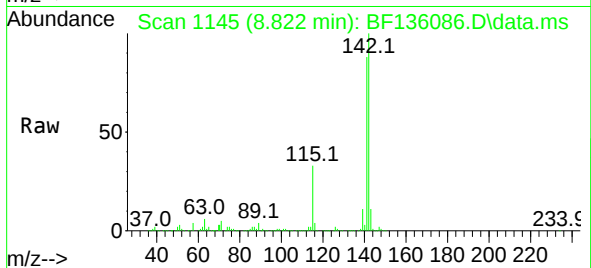
PSC-124037MS

Tgt Ion:142 Resp: 714295
Ion Ratio Lower Upper
142 100
141 88.5 70.4 105.6

Manual Integrations

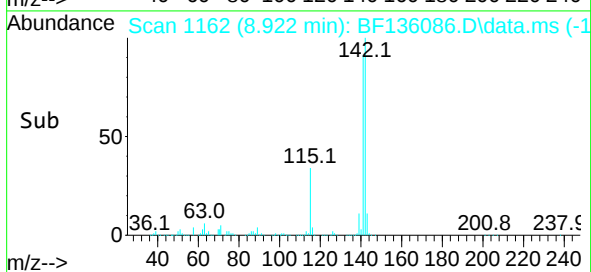
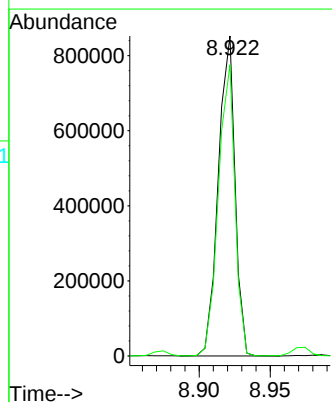
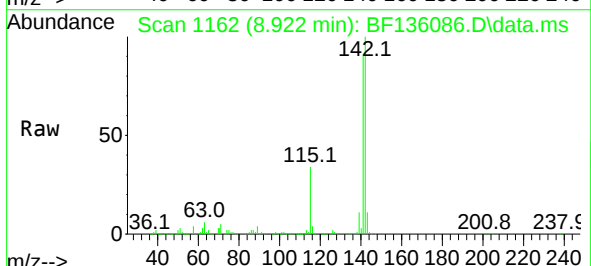
APPROVED

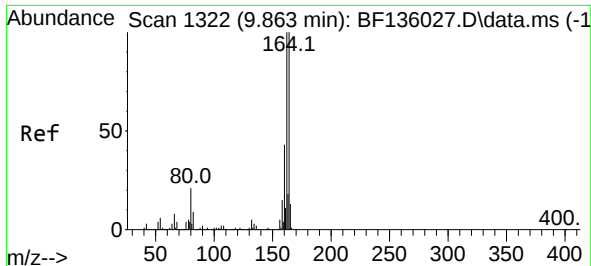
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#38
1-Methylnaphthalene
Concen: 41.775 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

Tgt Ion:142 Resp: 695105
Ion Ratio Lower Upper
142 100
141 91.0 72.6 109.0





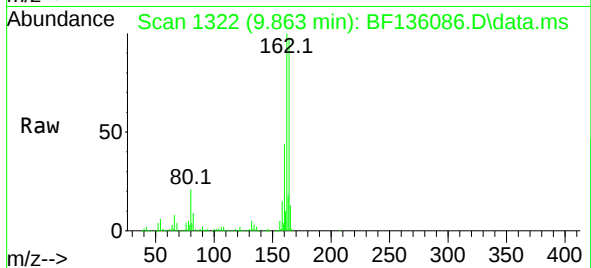
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

Instrument :

BNA_F

ClientSampleId :

PSC-124037MS



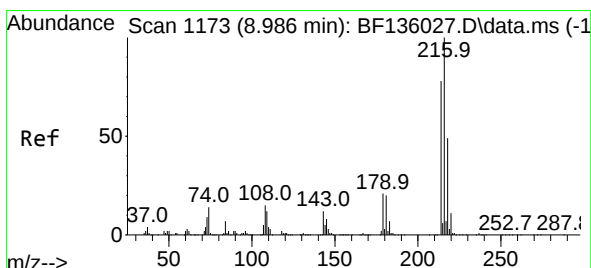
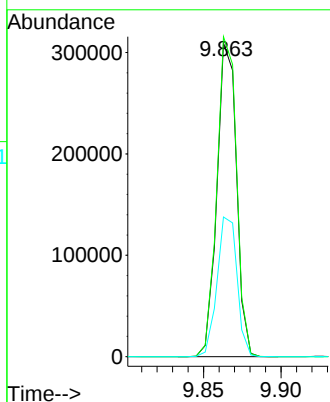
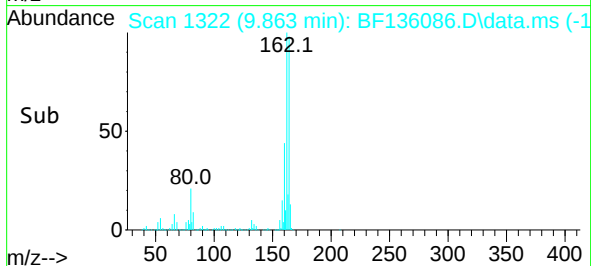
Tgt Ion:164 Resp: 271690
Ion Ratio Lower Upper
164 100
162 102.0 80.1 120.1
160 44.5 34.8 52.2

Manual Integrations

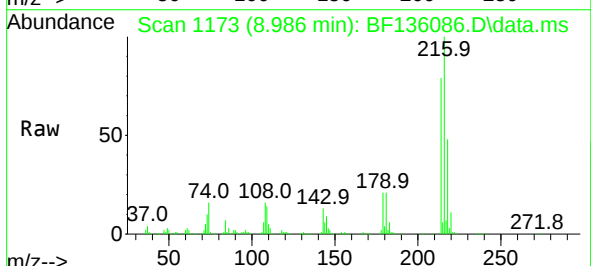
APPROVED

Reviewed By :Yogesh Patel 11/02/2023

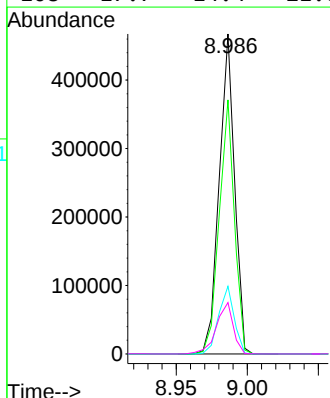
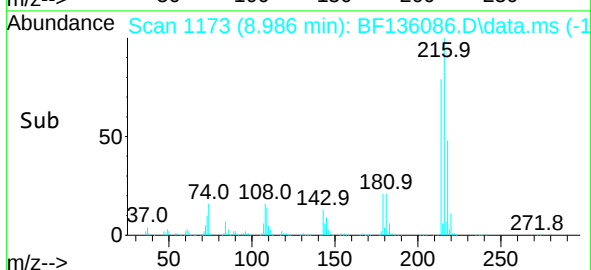
Supervised By :mohammad ahmed 11/02/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.343 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04



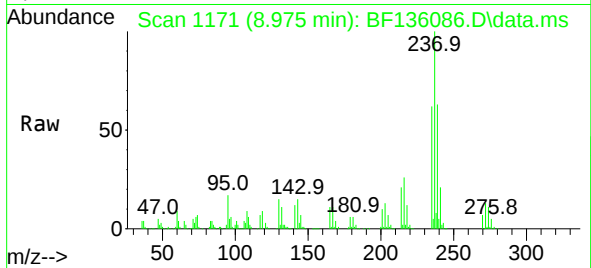
Tgt Ion:216 Resp: 351335
Ion Ratio Lower Upper
216 100
214 78.4 63.8 95.6
179 21.4 17.5 26.3
108 17.7 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 39.150 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

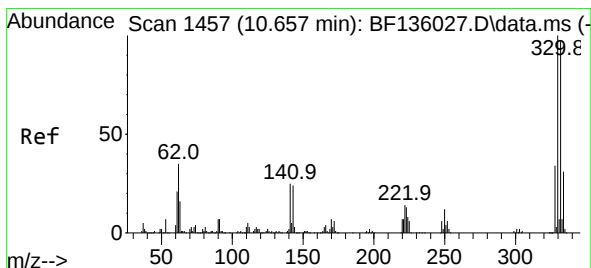
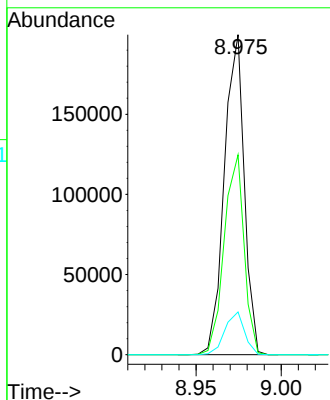
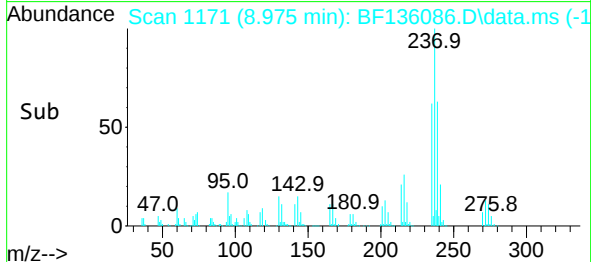
Instrument :
BNA_F
ClientSampleId :
PSC-124037MS



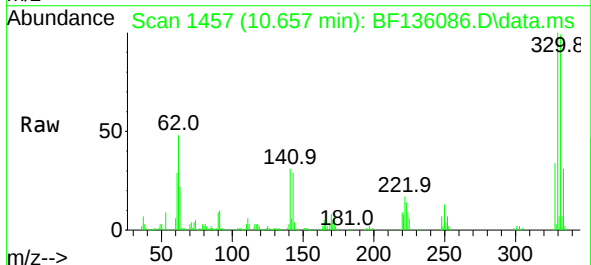
Tgt Ion: 237 Resp: 162064
Ion Ratio Lower Upper
237 100
235 62.4 43.3 83.3
272 13.3 0.0 34.2

Manual Integrations
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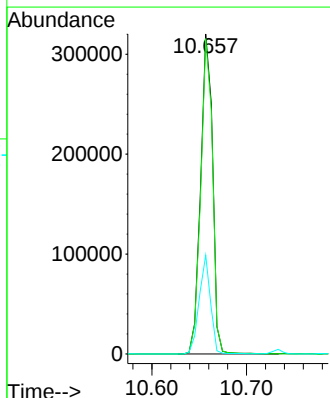
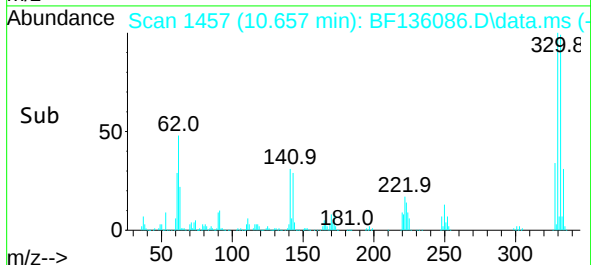
Reviewed By : Yogesh Patel 11/02/2023
Supervised By : mohammad ahmed 11/02/2023

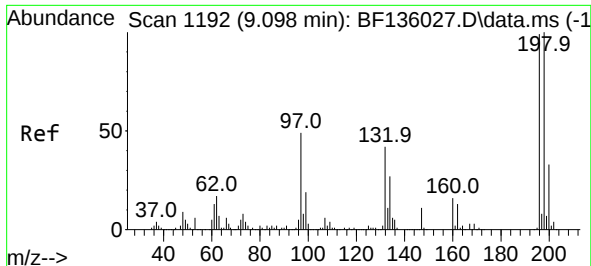


#42
2,4,6-Tribromophenol
Concen: 96.508 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04



Tgt Ion: 330 Resp: 279868
Ion Ratio Lower Upper
330 100
332 97.6 76.9 115.3
141 29.2 23.2 34.8





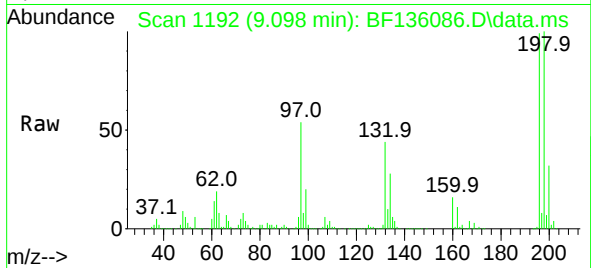
#43
2,4,6-Trichlorophenol
Concen: 45.253 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

Instrument :

BNA_F

ClientSampleId :

PSC-124037MS



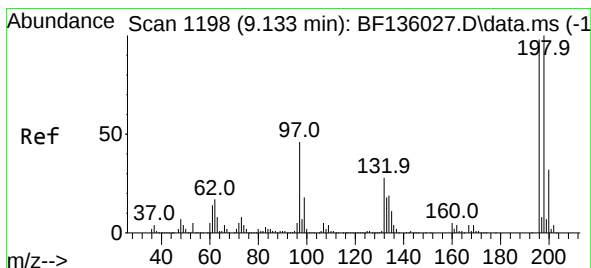
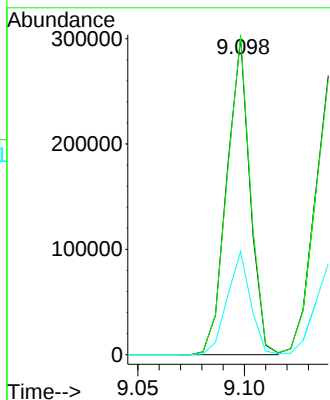
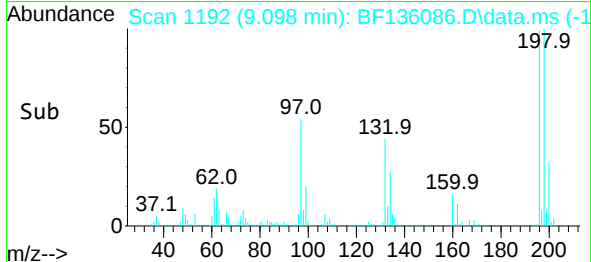
Tgt Ion:196 Resp: 228619
Ion Ratio Lower Upper
196 100
198 100.9 80.7 121.1
200 32.5 26.8 40.2

Manual Integrations

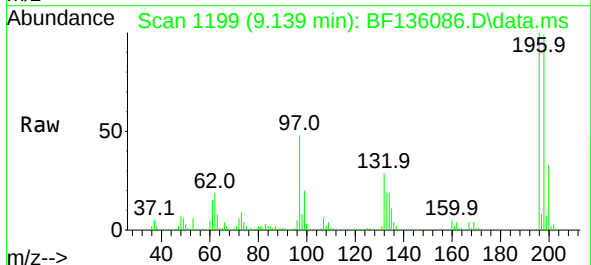
APPROVED

Reviewed By :Yogesh Patel 11/02/2023

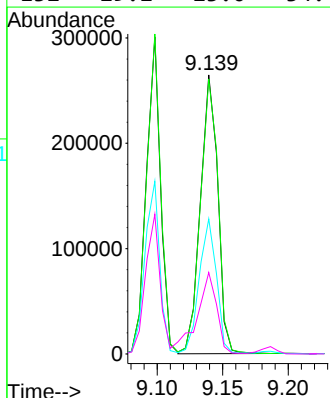
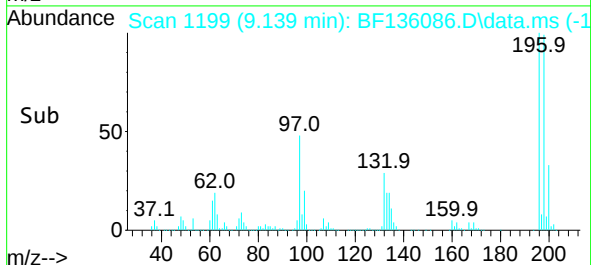
Supervised By :mohammad ahmed 11/02/2023

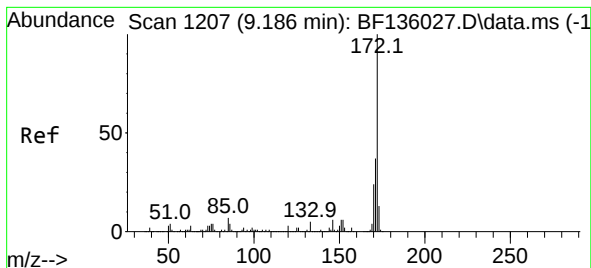


#44
2,4,5-Trichlorophenol
Concen: 41.895 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04



Tgt Ion:196 Resp: 245177
Ion Ratio Lower Upper
196 100
198 98.6 81.6 122.4
97 48.4 38.2 57.2
132 29.2 23.0 34.4





#45
2-Fluorobiphenyl
Concen: 68.748 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

Instrument :

BNA_F

ClientSampleId :

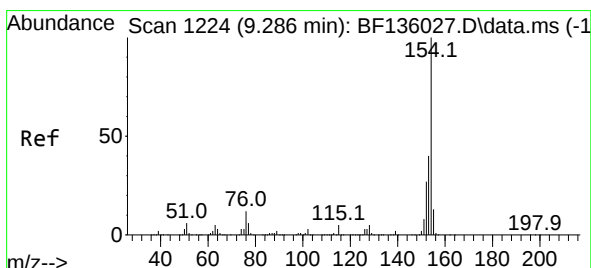
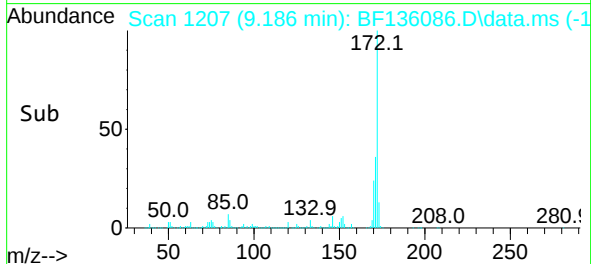
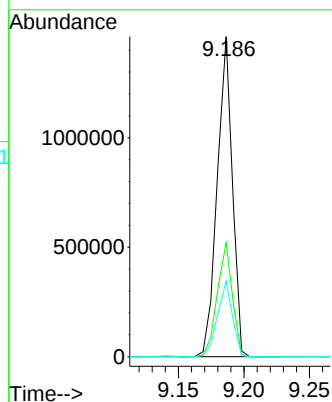
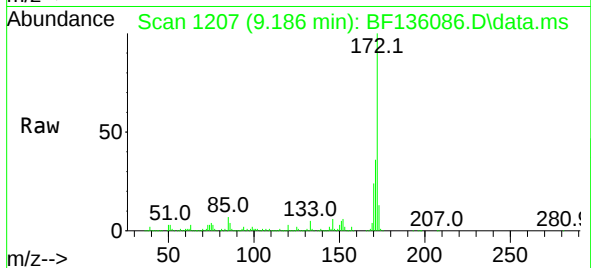
PSC-124037MS

Tgt Ion:172 Resp: 117170
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 23.6 19.3 28.9

Manual Integrations

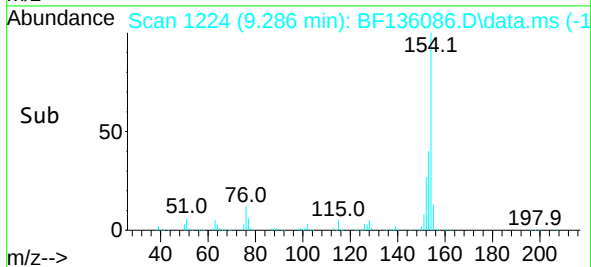
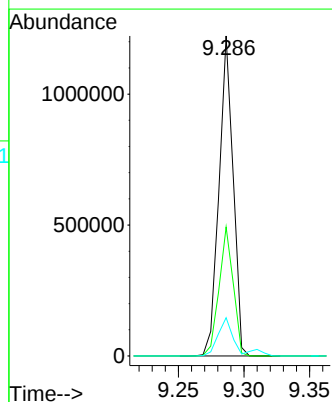
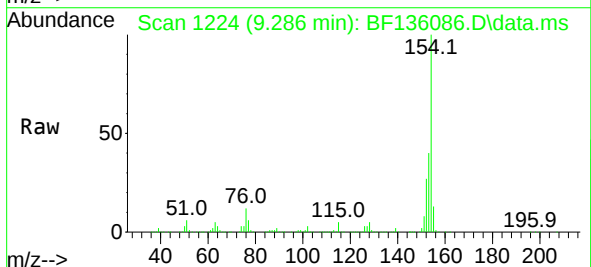
APPROVED

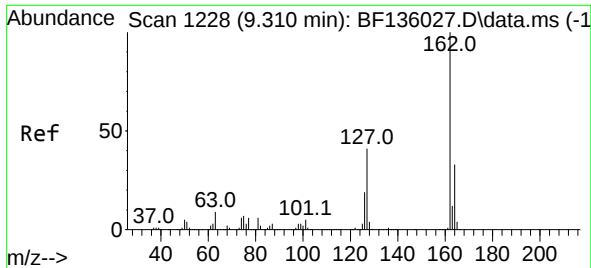
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#46
1,1'-Biphenyl
Concen: 44.052 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

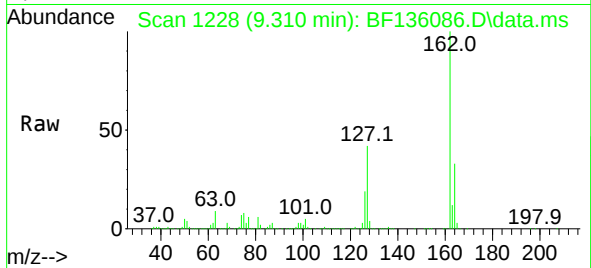
Tgt Ion:154 Resp: 912383
Ion Ratio Lower Upper
154 100
153 40.3 20.1 60.1
76 11.9 0.0 32.5





#47
2-Chloronaphthalene
Concen: 44.852 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

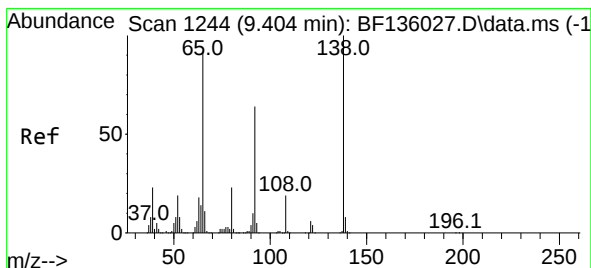
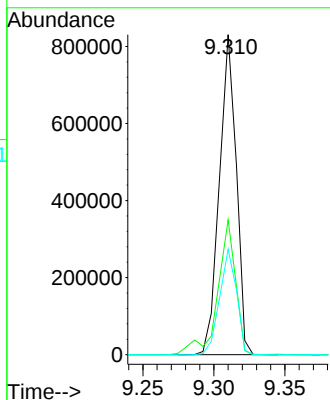
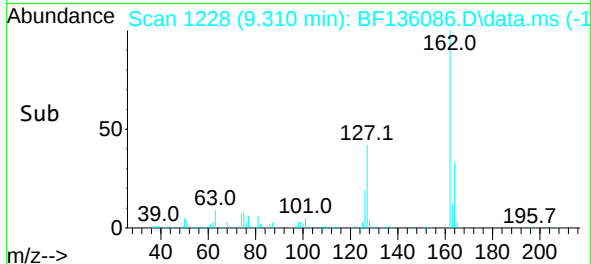
Instrument :
BNA_F
ClientSampleId :
PSC-124037MS



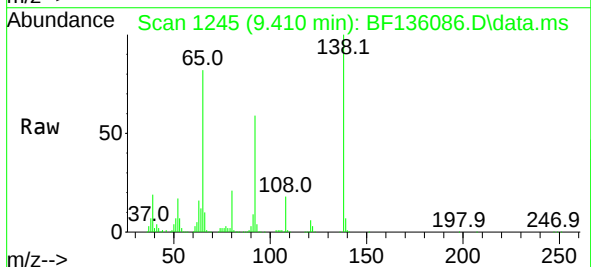
Tgt Ion:162 Resp: 68481
Ion Ratio Lower Upper
162 100
127 42.2 32.4 48.6
164 33.0 26.7 40.1

Manual Integrations
APPROVED

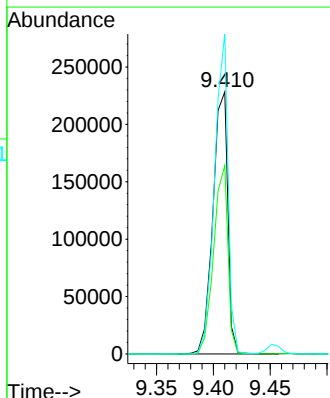
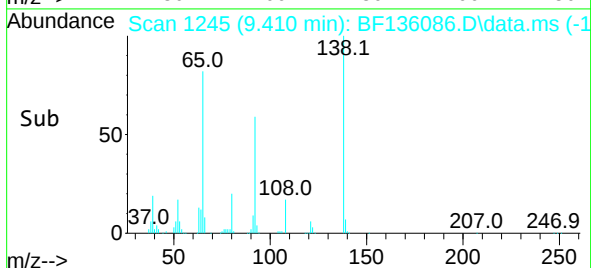
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

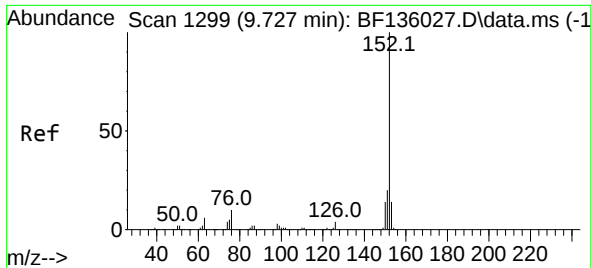


#48
2-Nitroaniline
Concen: 46.007 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04



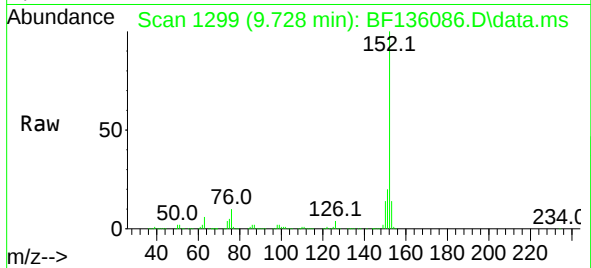
Tgt Ion: 65 Resp: 207889
Ion Ratio Lower Upper
65 100
92 71.9 55.7 83.5
138 122.1 86.8 130.2





#49
Acenaphthylene
Concen: 44.792 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

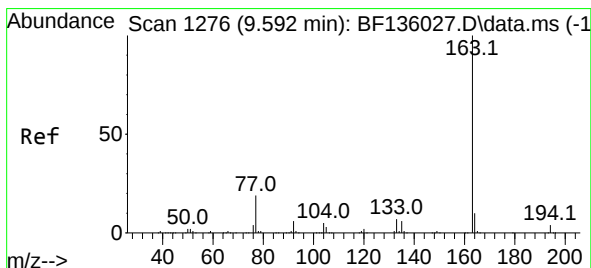
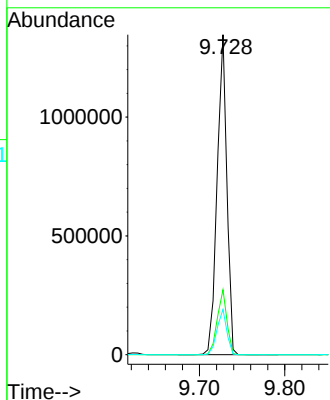
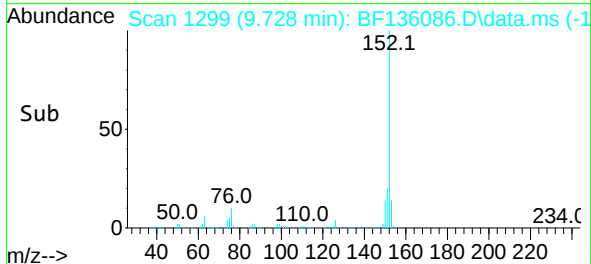
Instrument :
BNA_F
ClientSampleId :
PSC-124037MS



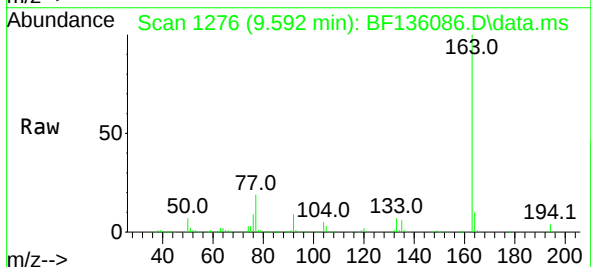
Tgt Ion:152 Resp: 1066890
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 14.1 11.4 17.2

Manual Integrations
APPROVED

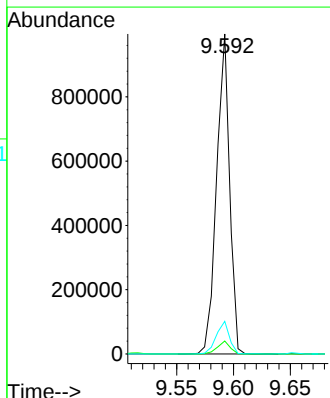
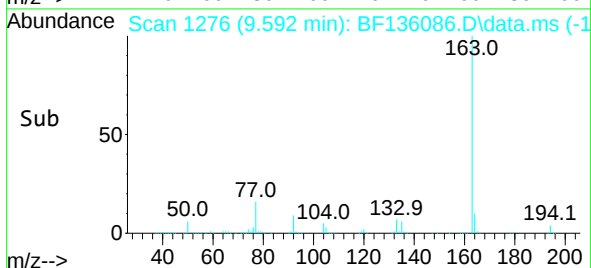
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

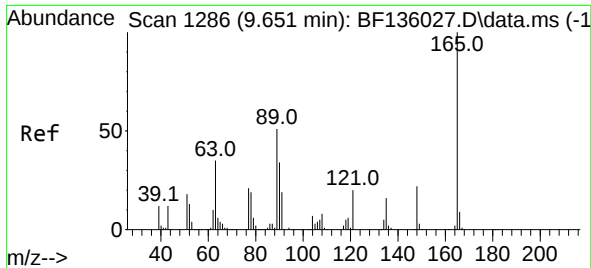


#50
Dimethylphthalate
Concen: 44.298 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04



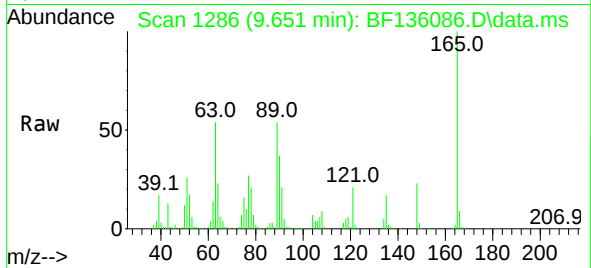
Tgt Ion:163 Resp: 793863
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 45.520 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

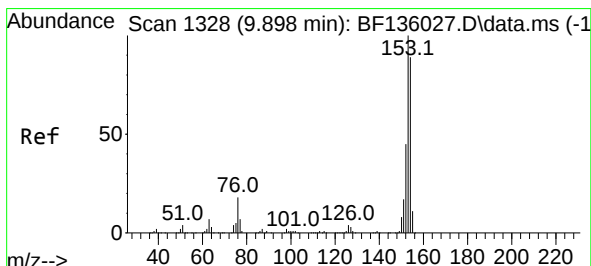
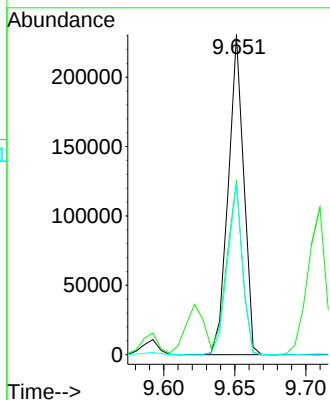
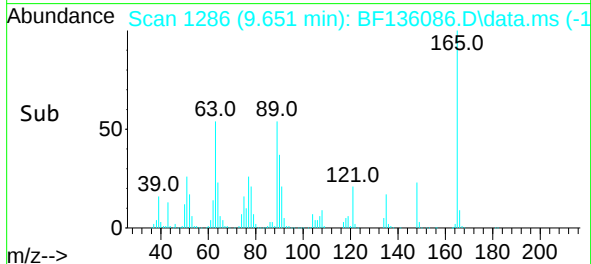
Instrument :
BNA_F
ClientSampleId :
PSC-124037MS



Tgt Ion:165 Resp: 174470
Ion Ratio Lower Upper
165 100
63 54.4 40.8 61.2
89 53.7 41.1 61.7

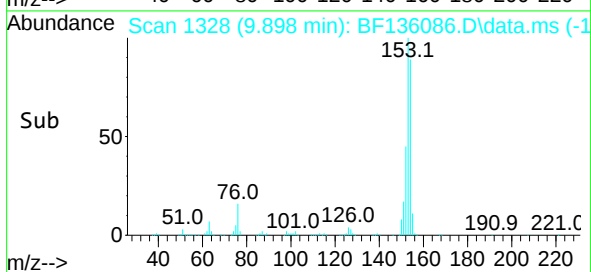
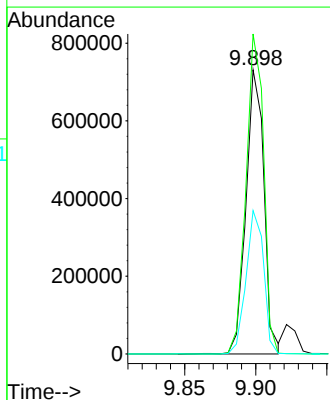
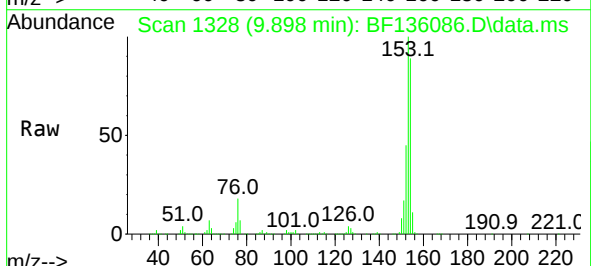
Manual Integrations
APPROVED

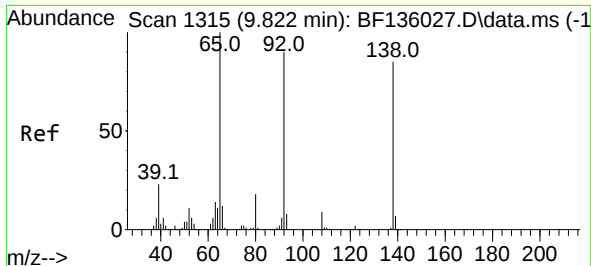
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#52
Acenaphthene
Concen: 42.329 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

Tgt Ion:154 Resp: 640944
Ion Ratio Lower Upper
154 100
153 112.6 89.9 134.9
152 50.5 40.2 60.2





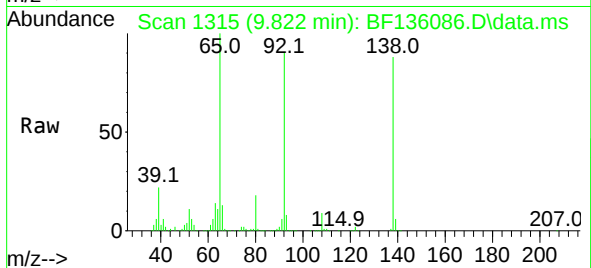
#53
3-Nitroaniline
Concen: 38.463 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

Instrument :

BNA_F

ClientSampleId :

PSC-124037MS



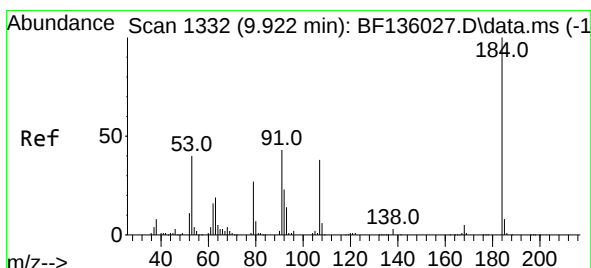
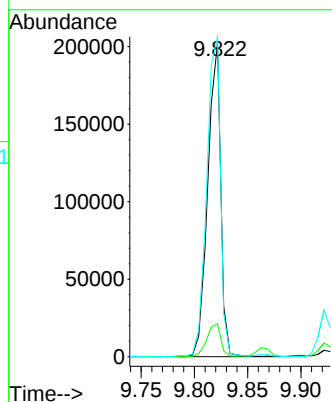
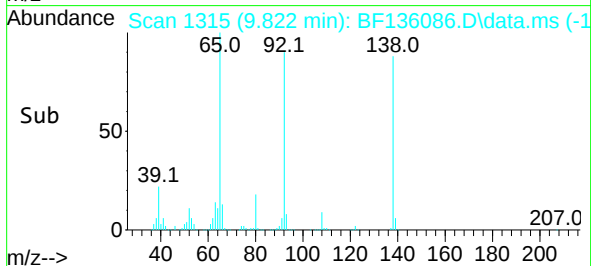
Tgt Ion:138 Resp: 17202
Ion Ratio Lower Upper
138 100
108 10.5 8.8 13.2
92 102.1 84.6 126.8

Manual Integrations

APPROVED

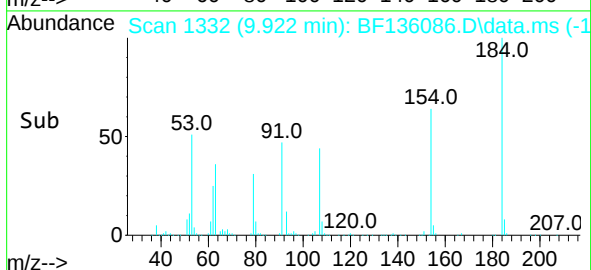
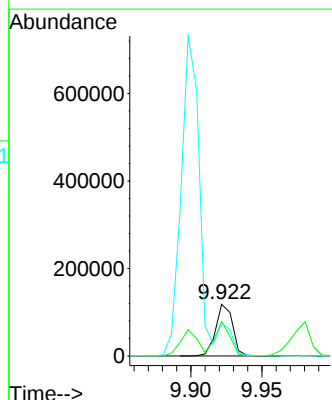
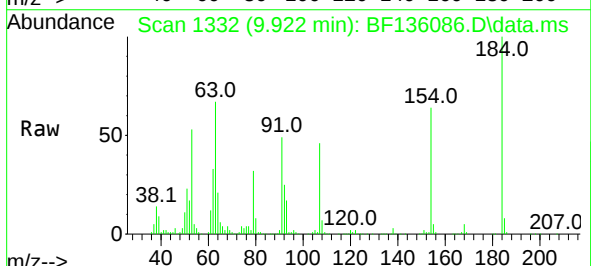
Reviewed By :Yogesh Patel 11/02/2023

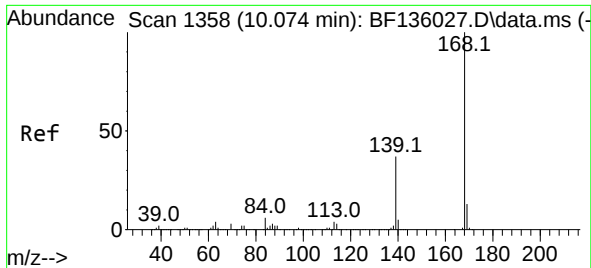
Supervised By :mohammad ahmed 11/02/2023



#54
2,4-Dinitrophenol
Concen: 50.489 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

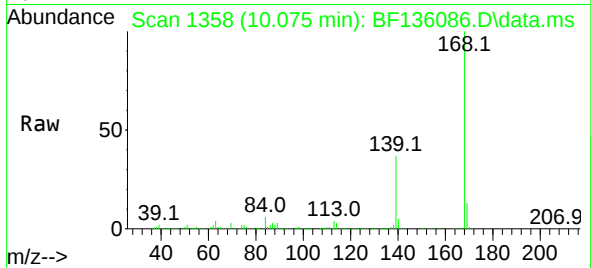
Tgt Ion:184 Resp: 98093
Ion Ratio Lower Upper
184 100
63 66.9 43.7 65.5#
154 64.1 51.2 76.8





#55
Dibenzenofuran
Concen: 42.515 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

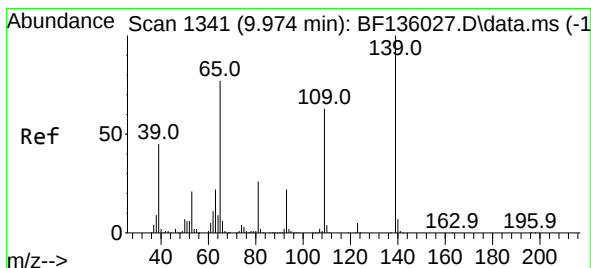
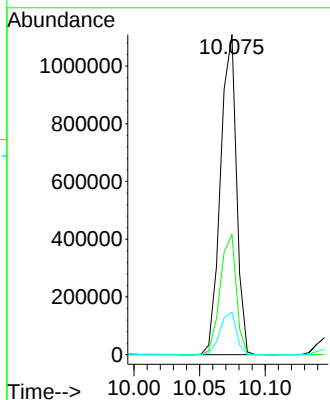
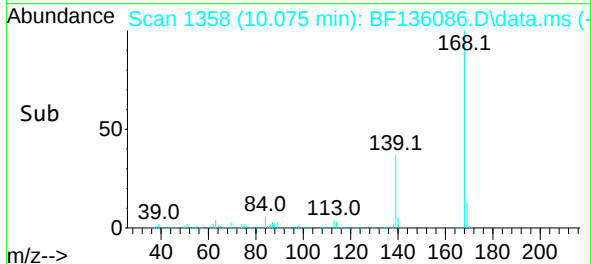
Instrument :
BNA_F
ClientSampleId :
PSC-124037MS



Tgt Ion:168 Resp: 938700
Ion Ratio Lower Upper
168 100
139 37.5 29.4 44.0
169 13.2 10.5 15.7

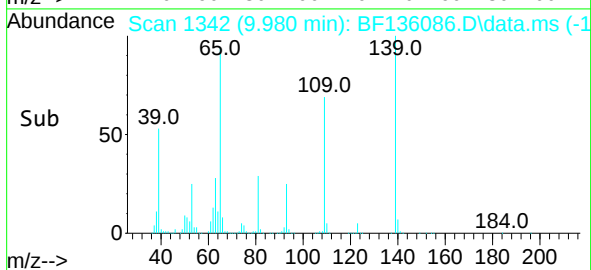
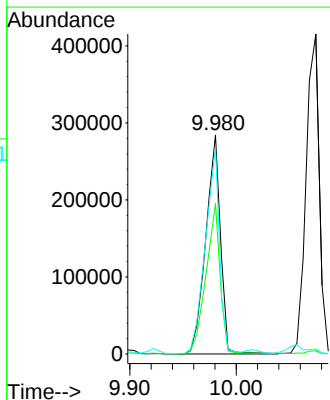
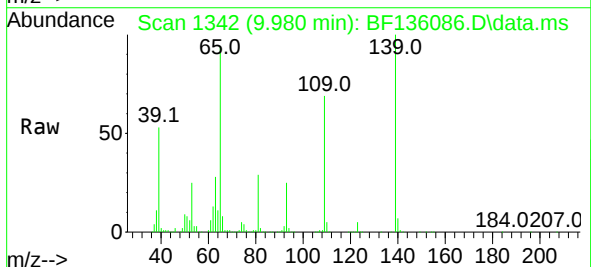
Manual Integrations
APPROVED

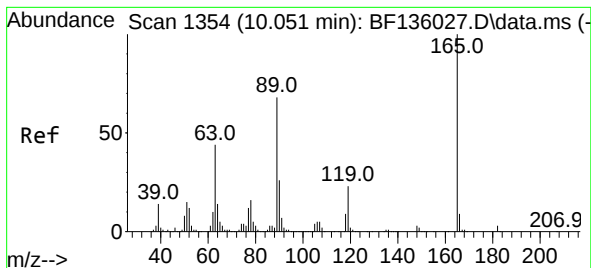
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#56
4-Nitrophenol
Concen: 82.095 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

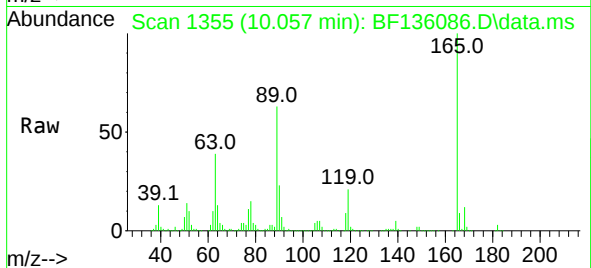
Tgt Ion:139 Resp: 274639
Ion Ratio Lower Upper
139 100
109 68.7 43.2 83.2
65 94.1 57.6 97.6





#57
2,4-Dinitrotoluene
Concen: 45.879 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

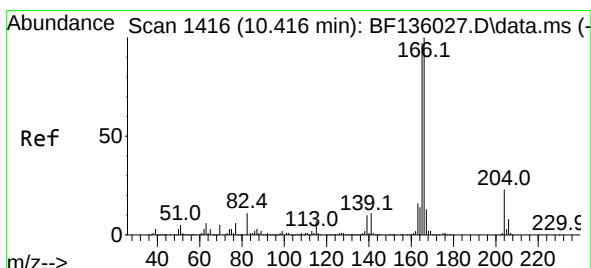
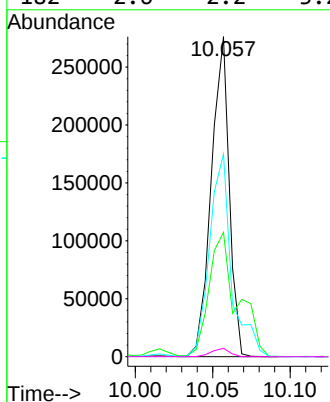
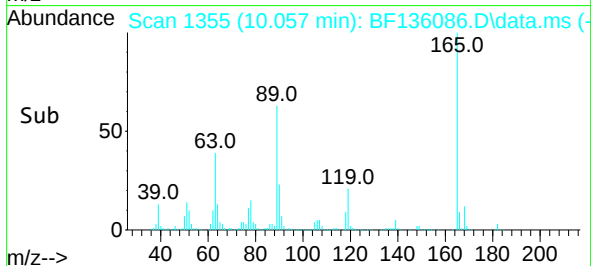
Instrument :
BNA_F
ClientSampleId :
PSC-124037MS



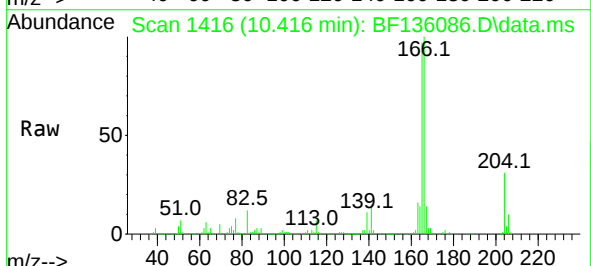
Tgt Ion:165 Resp: 222492
Ion Ratio Lower Upper
165 100
63 38.8 35.2 52.8
89 63.3 54.8 82.2
182 2.6 2.2 3.2

Manual Integrations
APPROVED

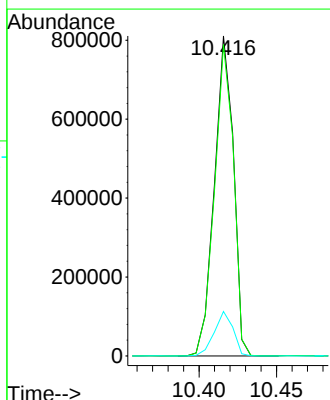
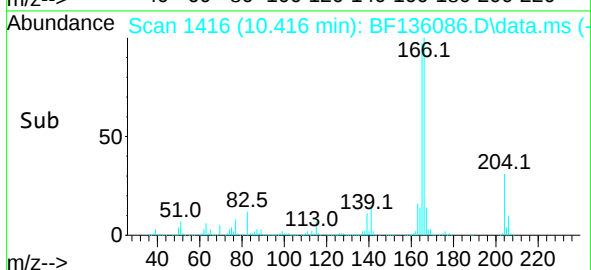
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

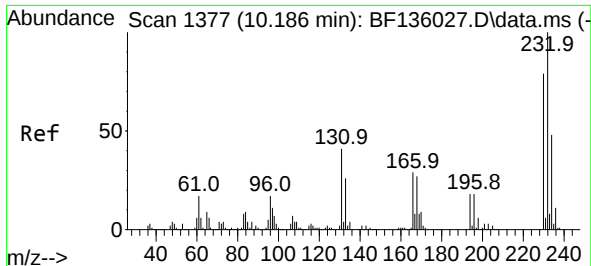


#58
Fluorene
Concen: 41.934 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04



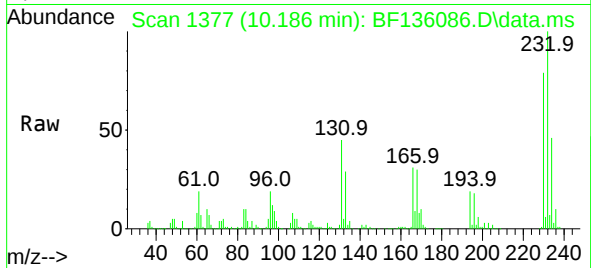
Tgt Ion:166 Resp: 693220
Ion Ratio Lower Upper
166 100
165 97.3 77.7 116.5
167 13.9 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.877 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

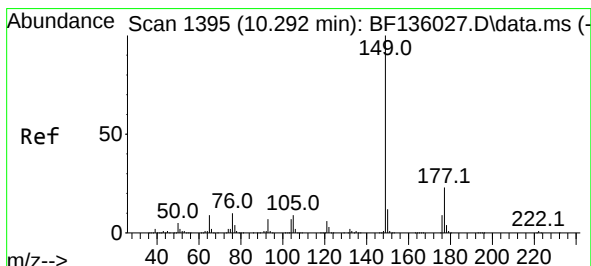
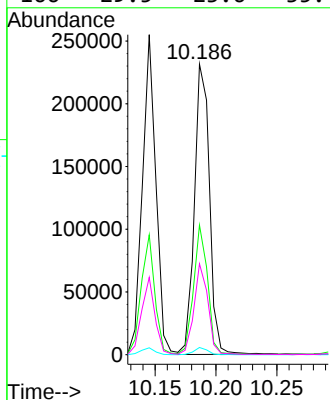
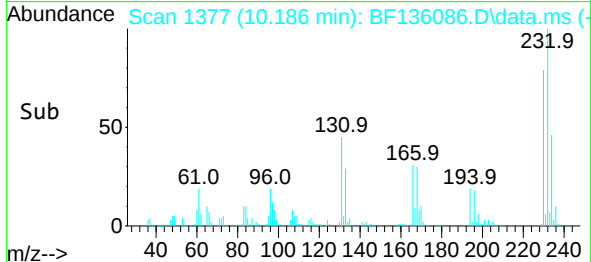
Instrument :
BNA_F
ClientSampleId :
PSC-124037MS



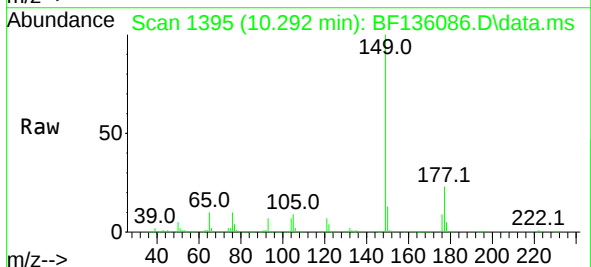
Tgt Ion:232 Resp: 199491
Ion Ratio Lower Upper
232 100
131 41.9 34.6 52.0
130 2.2 1.6 2.4
166 29.5 23.6 35.4

Manual Integrations
APPROVED

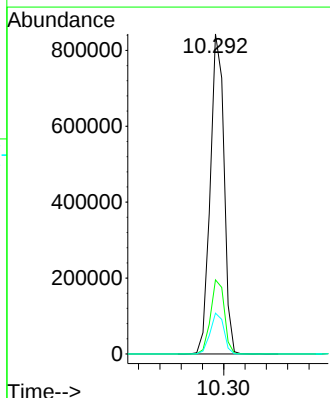
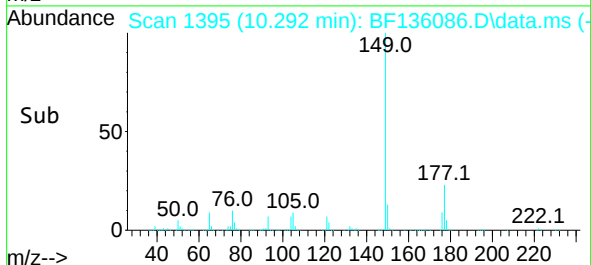
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

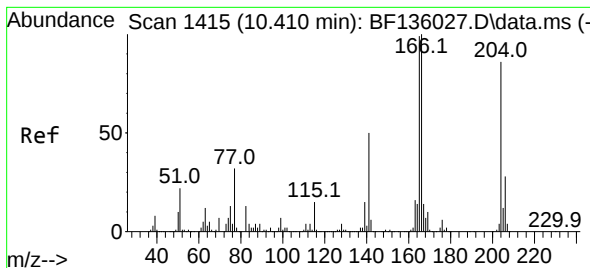


#60
Diethylphthalate
Concen: 44.051 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04



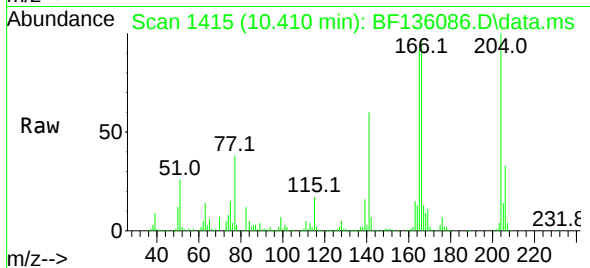
Tgt Ion:149 Resp: 754293
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.4
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 42.123 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

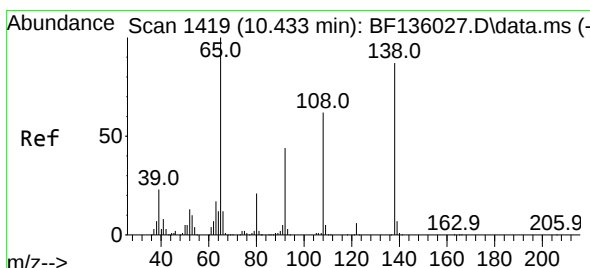
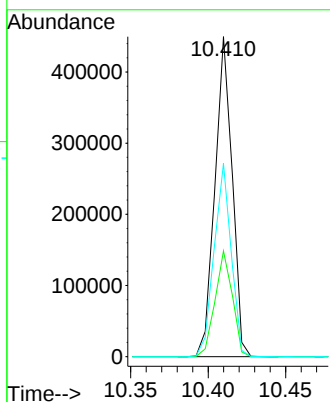
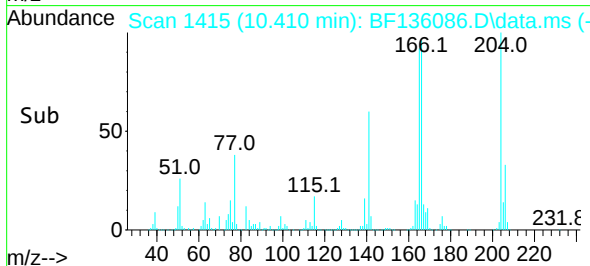
Instrument :
BNA_F
ClientSampleId :
PSC-124037MS



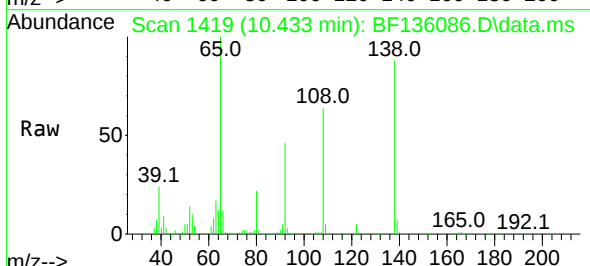
Tgt Ion:204 Resp: 34759
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 60.4 46.8 70.2

Manual Integrations
APPROVED

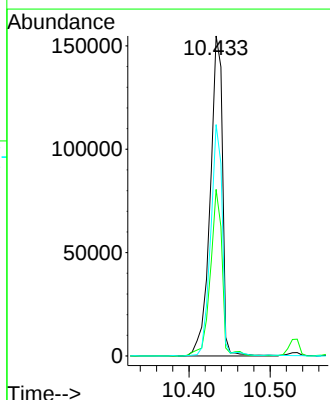
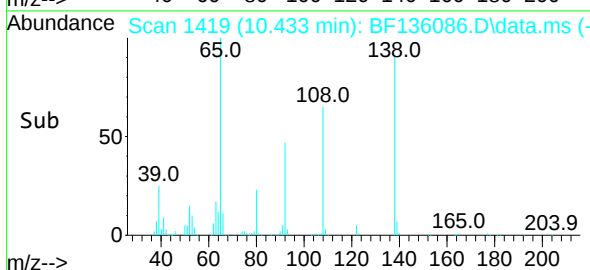
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#62
4-Nitroaniline
Concen: 37.821 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04



Tgt Ion:138 Resp: 162876
Ion Ratio Lower Upper
138 100
92 52.0 30.6 70.6
108 72.3 51.5 91.5





#63

Azobenzene

Concen: 41.448 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF136086.D

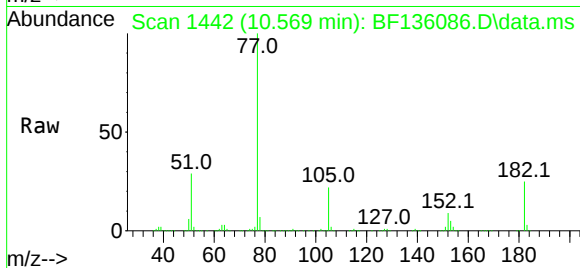
Acq: 01 Nov 2023 20:04

Instrument :

BNA_F

ClientSampleId :

PSC-124037MS



Tgt Ion: 77 Resp: 683500

Ion Ratio Lower Upper

77 100

182 25.4 5.0 45.0

105 22.2 2.6 42.6

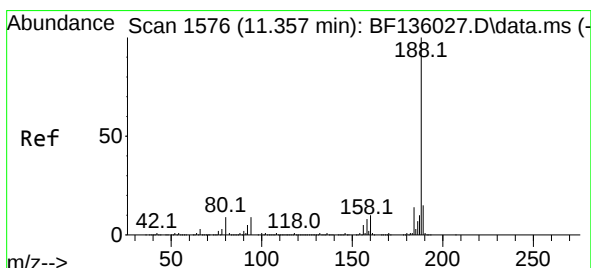
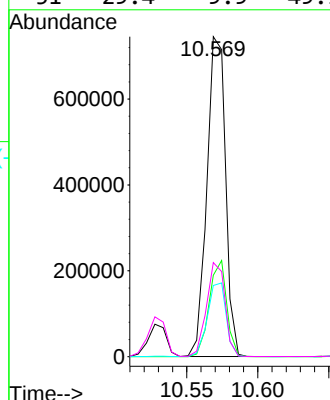
51 29.4 9.9 49.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BF136086.D

Acq: 01 Nov 2023 20:04

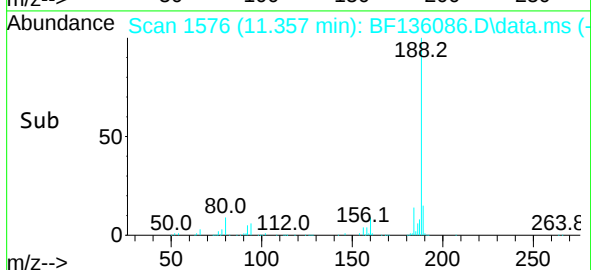
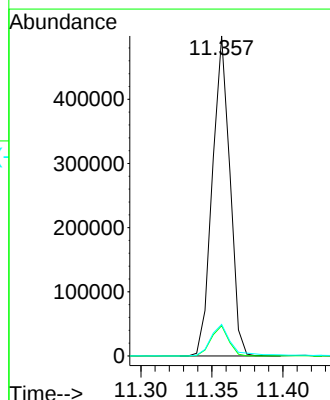
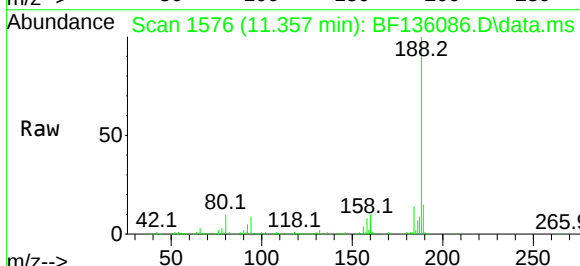
Tgt Ion:188 Resp: 428907

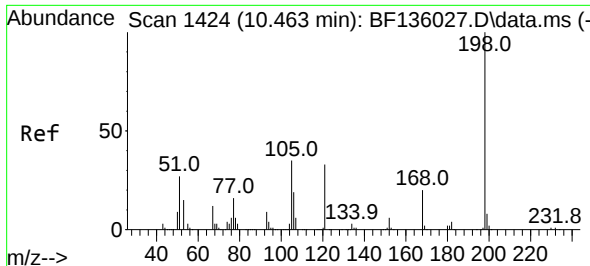
Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

80 9.9 7.4 11.0





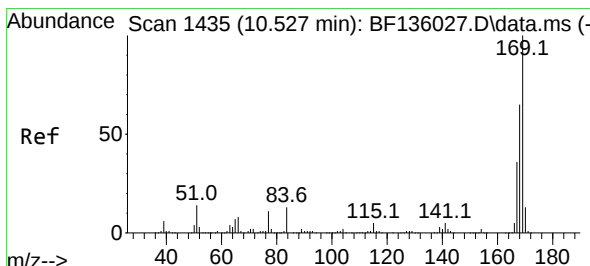
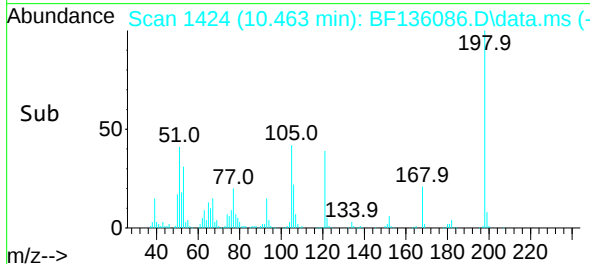
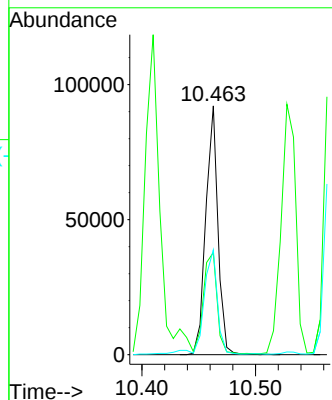
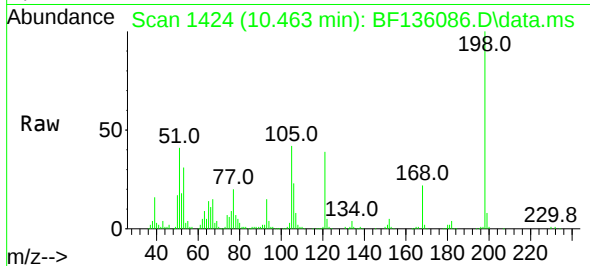
#65
4,6-Dinitro-2-methylphenol
Concen: 31.328 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

Instrument :
BNA_F
ClientSampleId :
PSC-124037MS

Tgt Ion:198 Resp: 68440
Ion Ratio Lower Upper
198 100
51 41.0 12.9 52.9
105 42.1 16.0 56.0

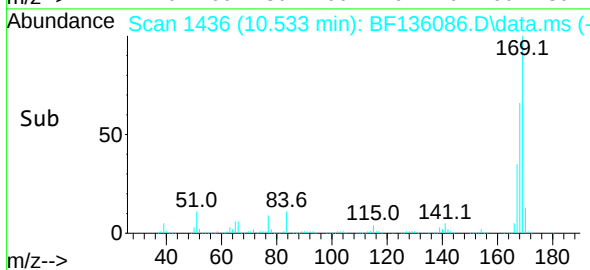
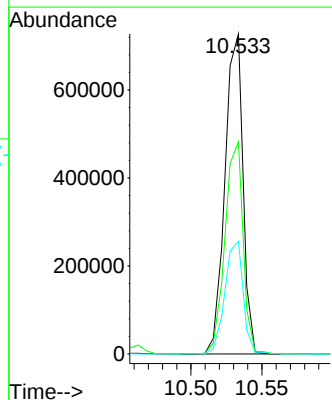
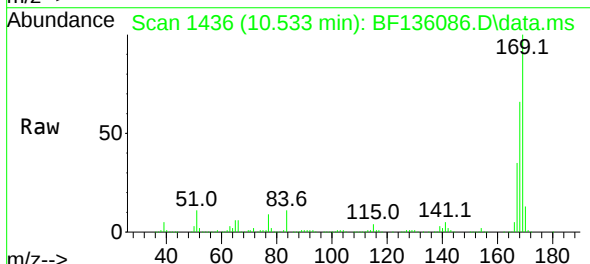
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#66
n-Nitrosodiphenylamine
Concen: 49.609 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

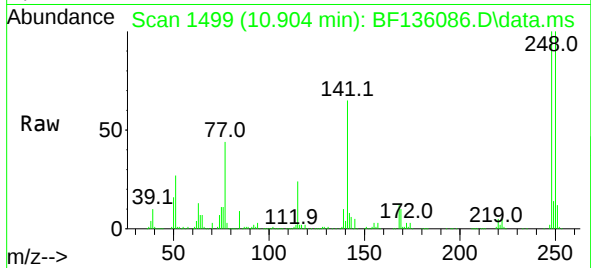
Tgt Ion:169 Resp: 641862
Ion Ratio Lower Upper
169 100
168 66.3 52.2 78.2
167 35.2 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 48.589 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

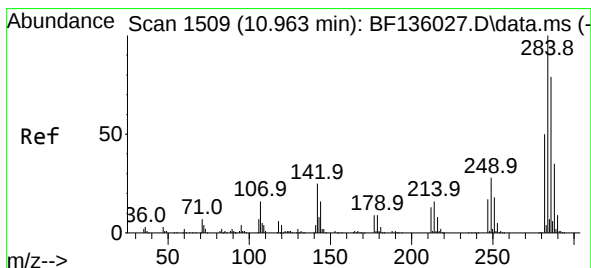
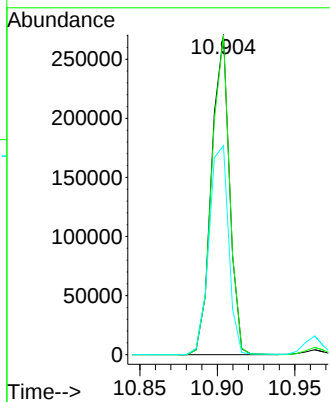
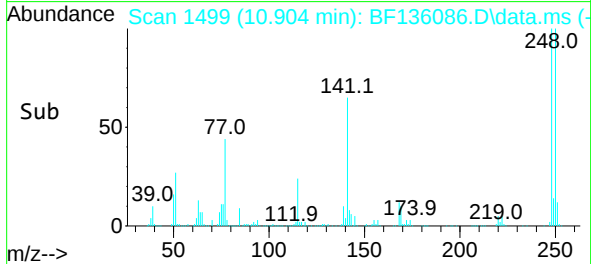
Instrument :
BNA_F
ClientSampleId :
PSC-124037MS



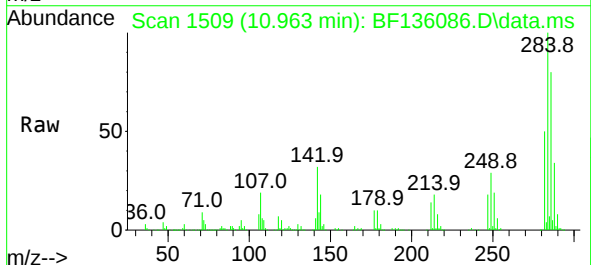
Tgt Ion:248 Resp: 218494
Ion Ratio Lower Upper
248 100
250 99.8 77.6 116.4
141 65.4 50.4 75.6

Manual Integrations
APPROVED

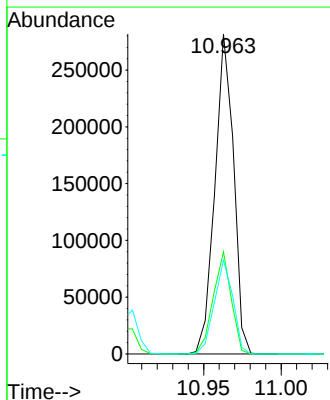
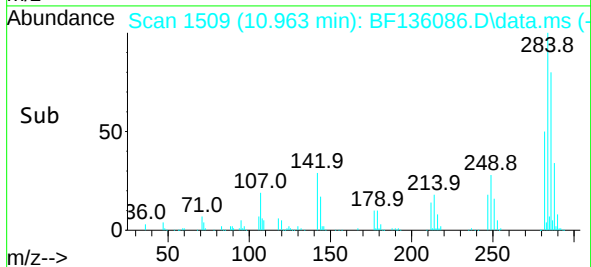
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

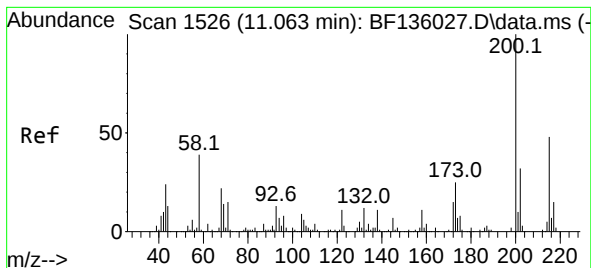


#68
Hexachlorobenzene
Concen: 49.115 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04



Tgt Ion:284 Resp: 235882
Ion Ratio Lower Upper
284 100
142 31.9 20.2 30.4#
249 29.4 22.6 33.8





#69

Atrazine

Concen: 58.636 ng

RT: 11.063 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BF136086.D

Acq: 01 Nov 2023 20:04

Instrument :

BNA_F

ClientSampleId :

PSC-124037MS

Tgt Ion:200 Resp: 206419

Ion Ratio Lower Upper

200 100

173 26.1 5.2 45.2

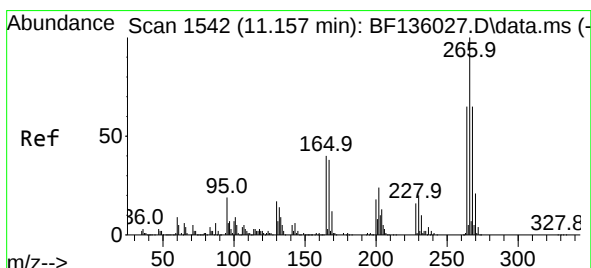
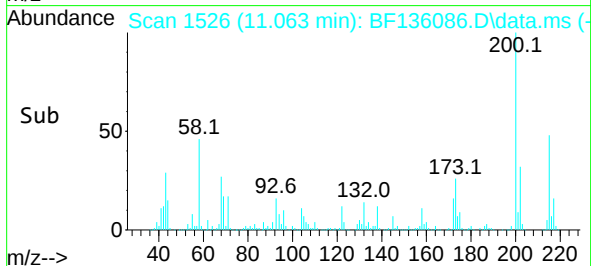
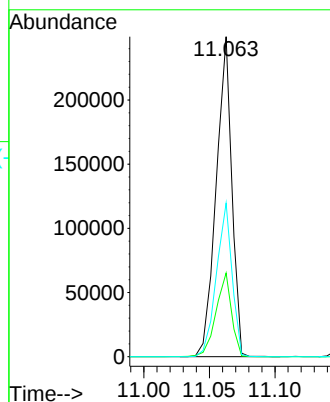
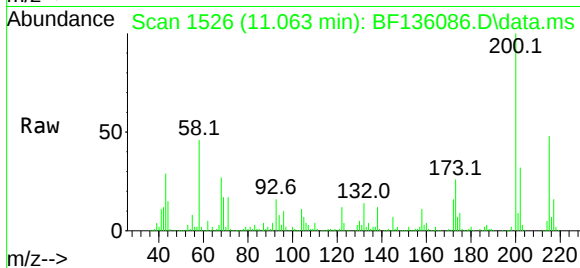
215 48.0 28.4 68.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#70

Pentachlorophenol

Concen: 79.309 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.000 min

Lab File: BF136086.D

Acq: 01 Nov 2023 20:04

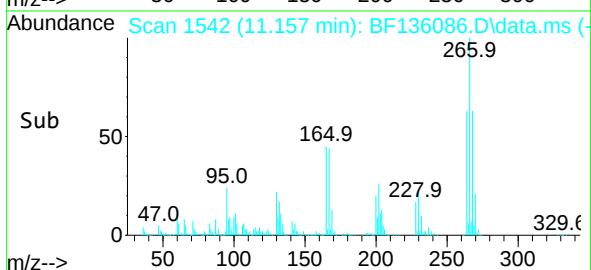
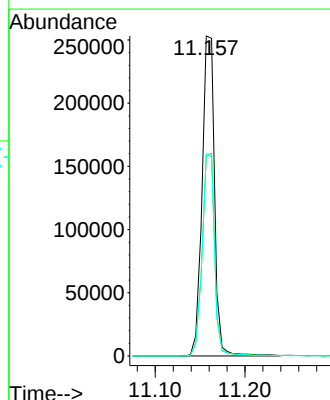
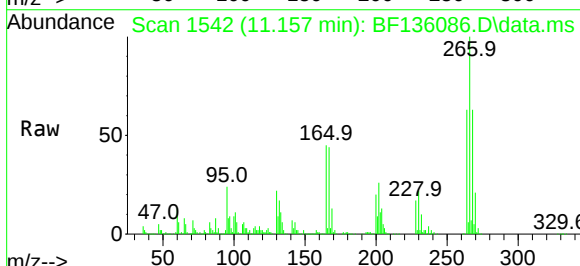
Tgt Ion:266 Resp: 244618

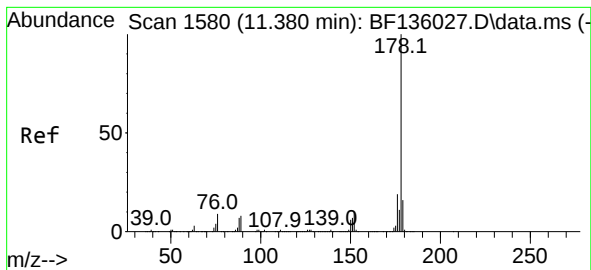
Ion Ratio Lower Upper

266 100

268 62.8 52.2 78.4

264 63.2 52.2 78.4





#71

Phenanthrene

Concen: 44.792 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF136086.D

Acq: 01 Nov 2023 20:04

Instrument :

BNA_F

ClientSampleId :

PSC-124037MS

Tgt Ion:178 Resp: 967310

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

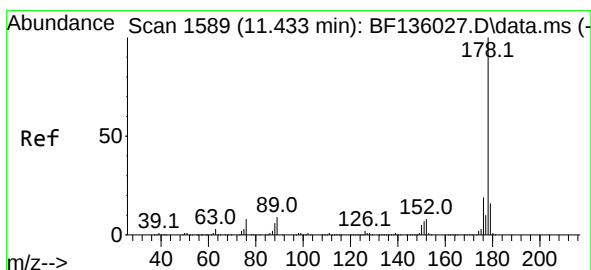
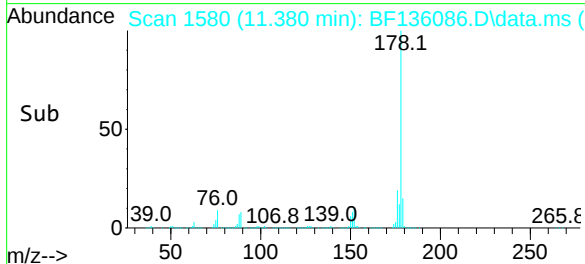
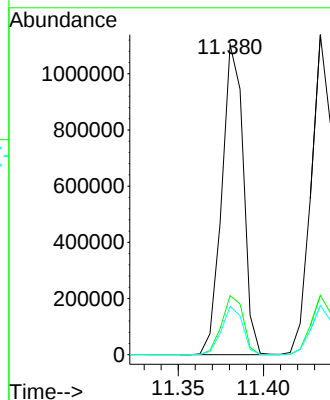
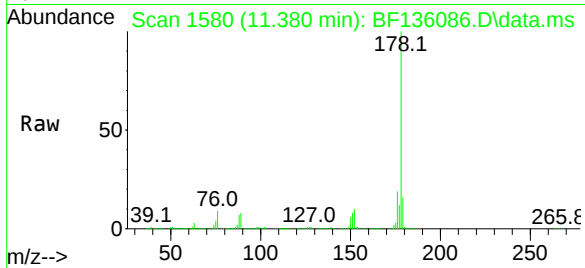
179 15.6 12.9 19.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#72

Anthracene

Concen: 43.697 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF136086.D

Acq: 01 Nov 2023 20:04

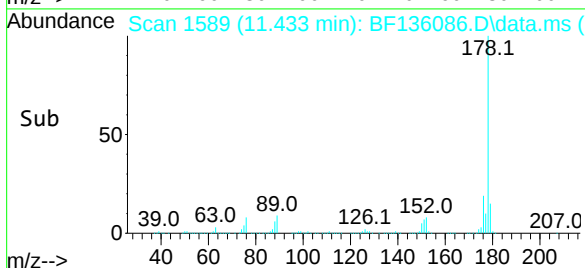
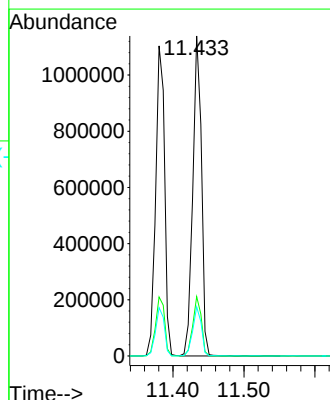
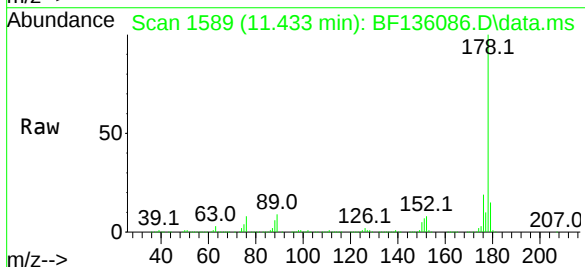
Tgt Ion:178 Resp: 966961

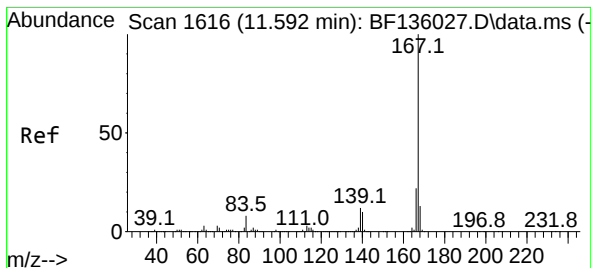
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

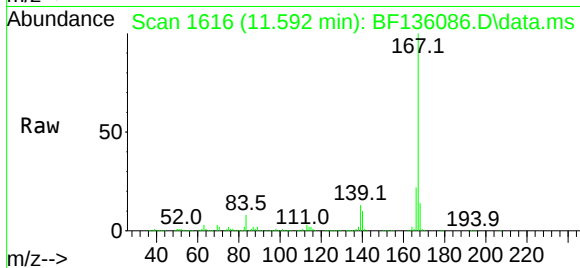
179 15.4 12.6 18.8





#73
 Carbazole
 Concen: 42.699 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF136086.D
 Acq: 01 Nov 2023 20:04

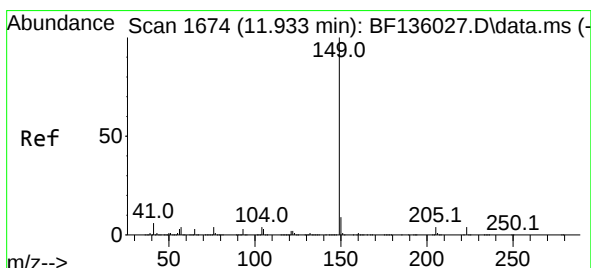
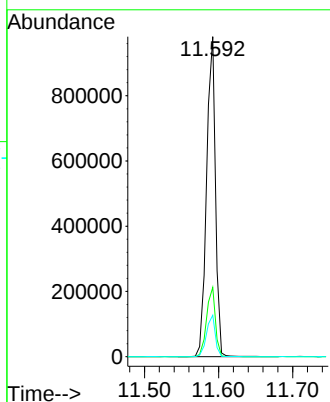
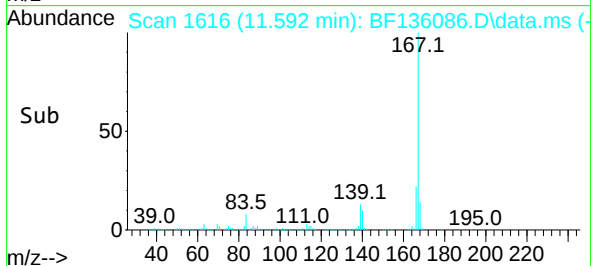
Instrument :
 BNA_F
 ClientSampleId :
 PSC-124037MS



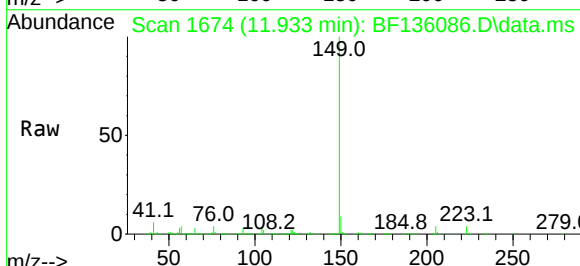
Tgt Ion:167 Resp: 821083
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.0 9.9 14.9

Manual Integrations
 APPROVED

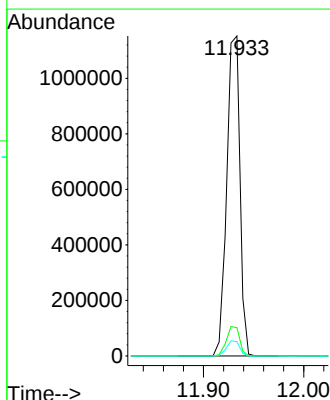
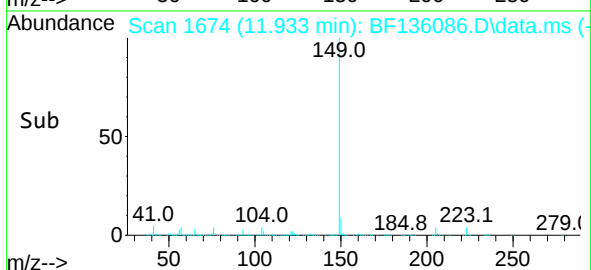
Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023

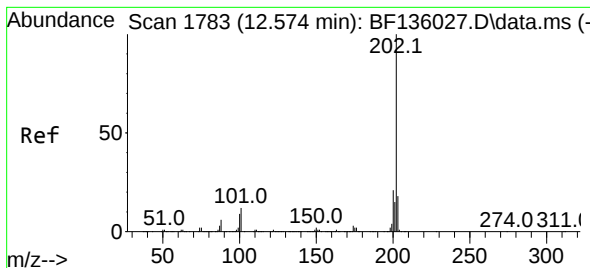


#74
 Di-n-butylphthalate
 Concen: 47.862 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF136086.D
 Acq: 01 Nov 2023 20:04



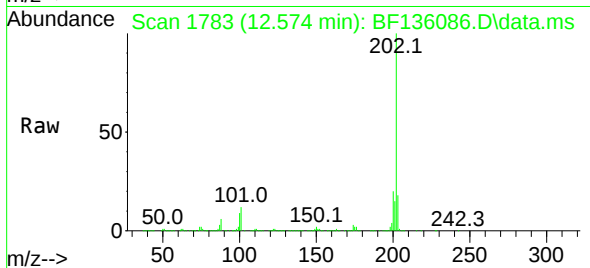
Tgt Ion:149 Resp: 1051686
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 40.584 ng
RT: 12.574 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

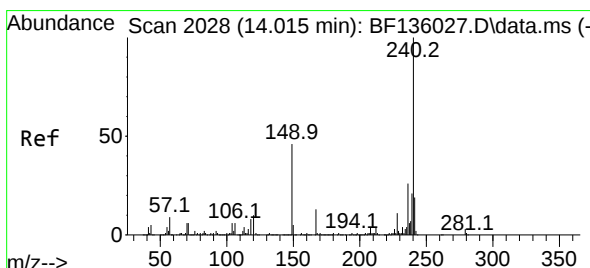
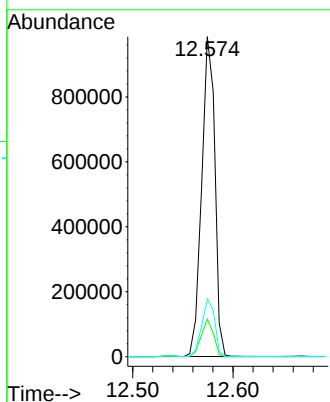
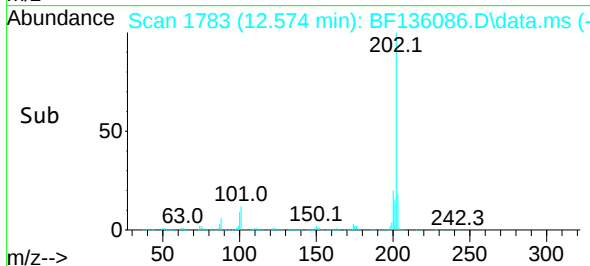
Instrument :
BNA_F
ClientSampleId :
PSC-124037MS



Tgt Ion:202 Resp: 900373
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.8
203 18.1 0.0 37.9

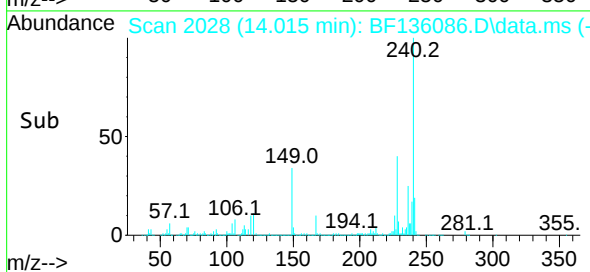
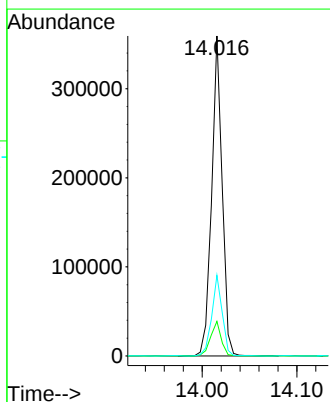
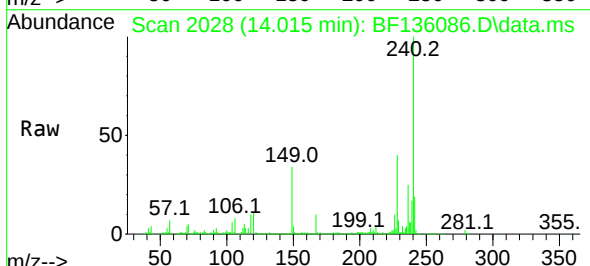
Manual Integrations
APPROVED

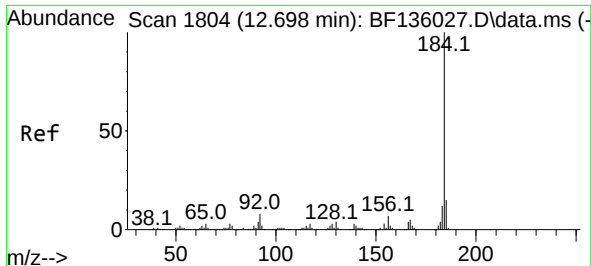
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

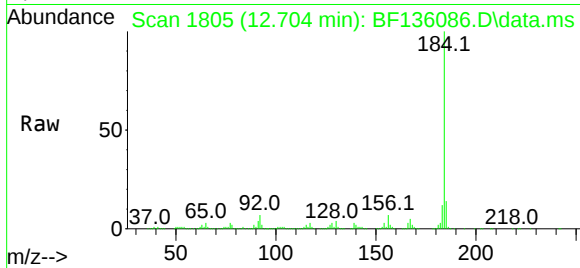
Tgt Ion:240 Resp: 275274
Ion Ratio Lower Upper
240 100
120 10.8 7.6 11.4
236 25.2 20.6 31.0





#77
Benzidine
Concen: 86.165 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

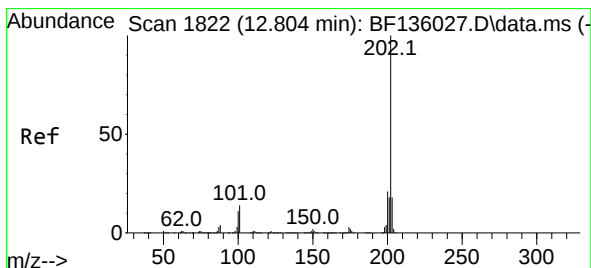
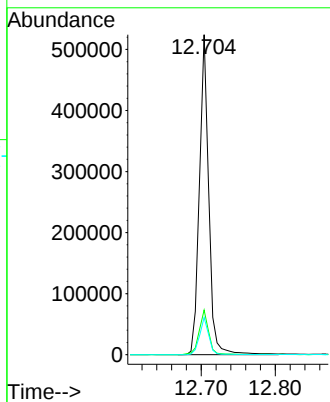
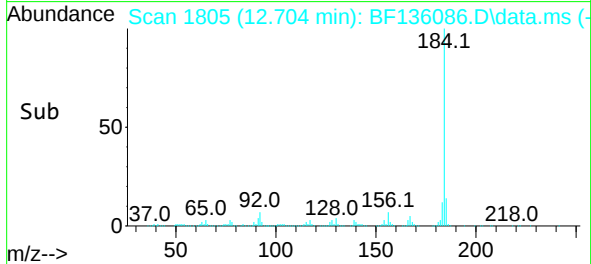
Instrument :
BNA_F
ClientSampleId :
PSC-124037MS



Tgt Ion:184 Resp: 462300
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.8
183 11.6 9.5 14.3

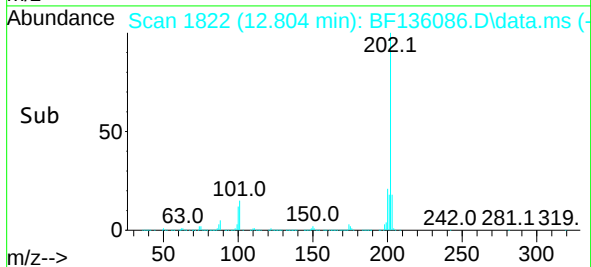
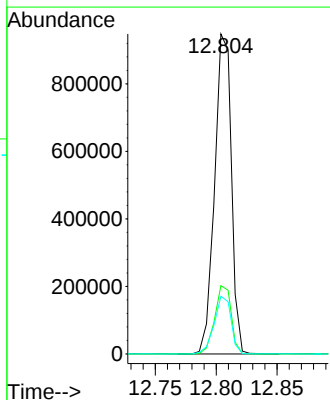
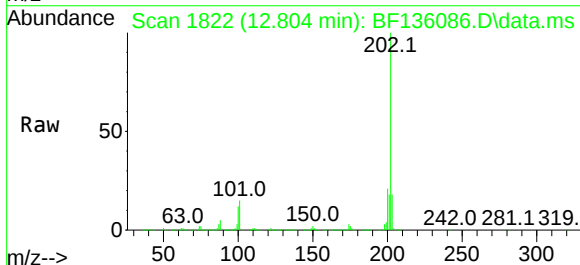
Manual Integrations
APPROVED

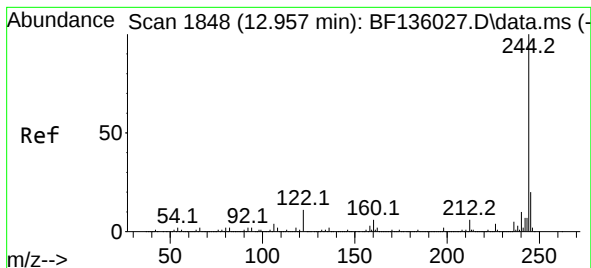
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#78
Pyrene
Concen: 37.413 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

Tgt Ion:202 Resp: 907987
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 18.1 14.4 21.6





#79

Terphenyl-d14

Concen: 57.905 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.000 min

Lab File: BF136086.D

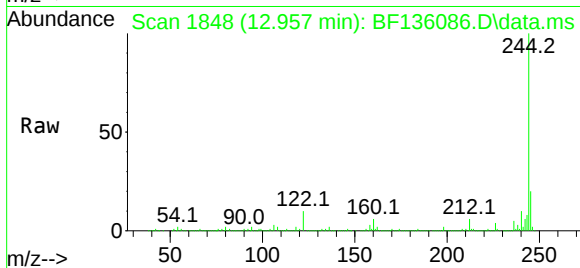
Acq: 01 Nov 2023 20:04

Instrument :

BNA_F

ClientSampleId :

PSC-124037MS



Tgt Ion:244 Resp: 1025690

Ion Ratio Lower Upper

244 100

212 6.3 5.1 7.7

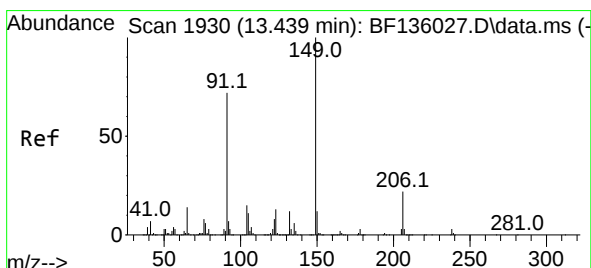
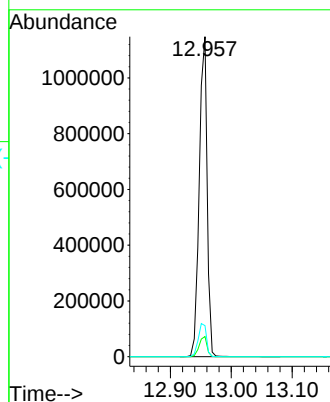
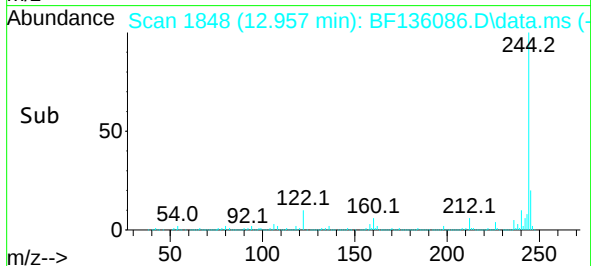
122 9.7 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#80

Butylbenzylphthalate

Concen: 41.766 ng

RT: 13.439 min Scan# 1930

Delta R.T. 0.000 min

Lab File: BF136086.D

Acq: 01 Nov 2023 20:04

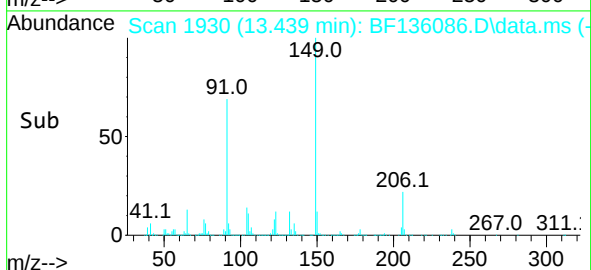
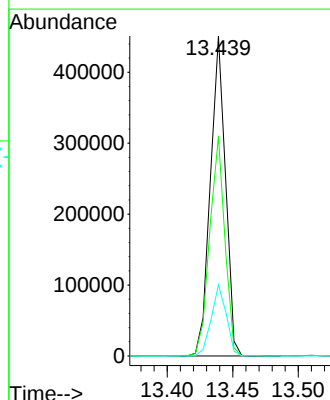
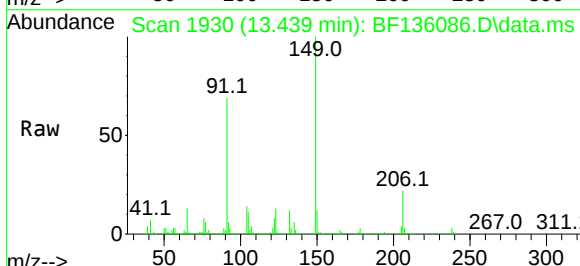
Tgt Ion:149 Resp: 362837

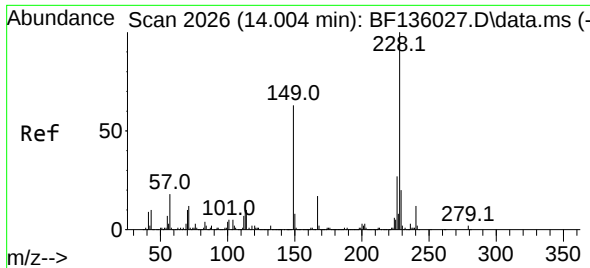
Ion Ratio Lower Upper

149 100

91 68.6 57.6 86.4

206 22.3 17.4 26.0





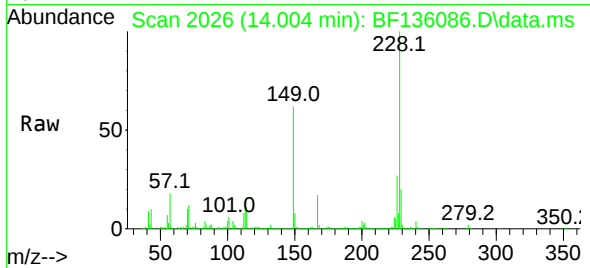
#81
Benzo(a)anthracene
Concen: 43.892 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

Instrument :

BNA_F

ClientSampleId :

PSC-124037MS

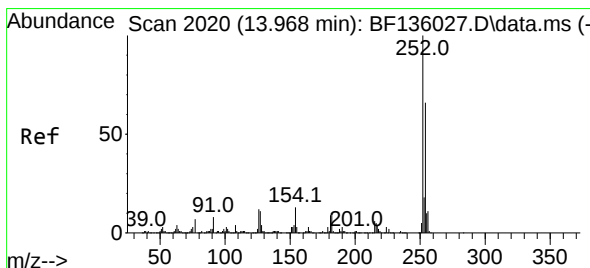
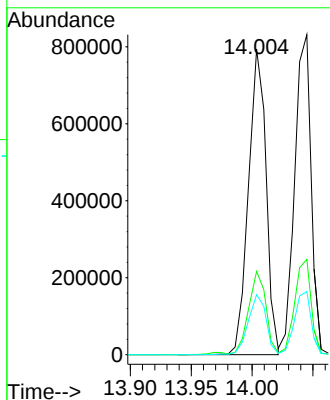
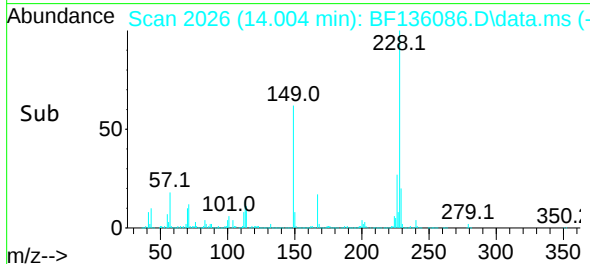


Tgt Ion:228 Resp: 799885
Ion Ratio Lower Upper
228 100
226 27.3 21.5 32.3
229 19.7 15.8 23.6

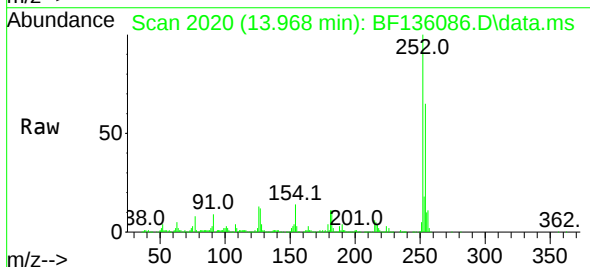
Manual Integrations

APPROVED

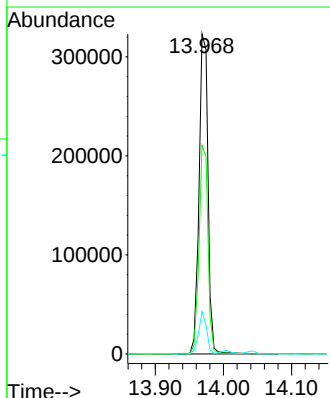
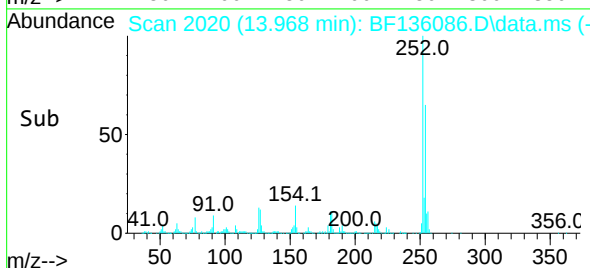
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

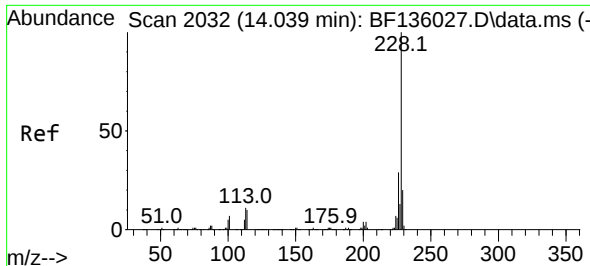


#82
3,3'-Dichlorobenzidine
Concen: 50.931 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04



Tgt Ion:252 Resp: 296241
Ion Ratio Lower Upper
252 100
254 65.1 52.5 78.7
126 13.2 9.4 14.2





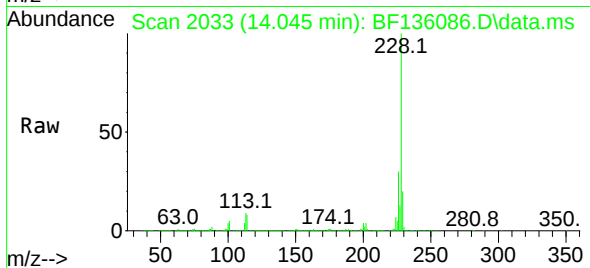
#83
Chrysene
Concen: 43.420 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

Instrument :

BNA_F

ClientSampleId :

PSC-124037MS

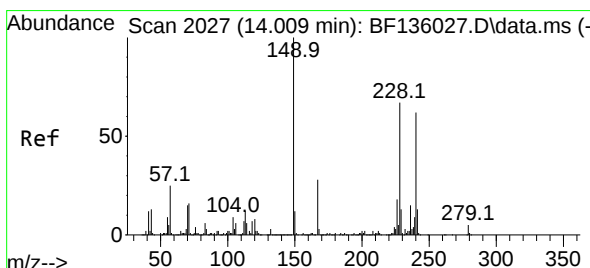
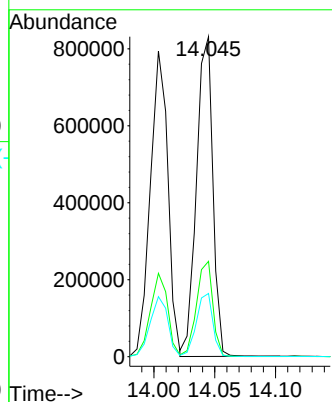
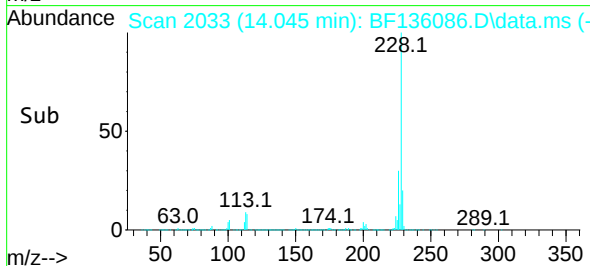


Tgt Ion:228 Resp: 779270
Ion Ratio Lower Upper
228 100
226 29.8 23.5 35.3
229 19.7 16.0 24.0

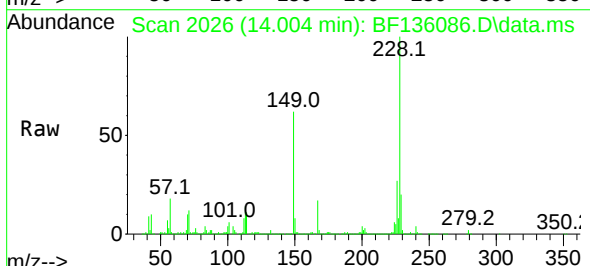
Manual Integrations

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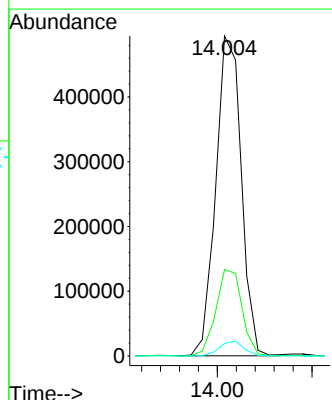
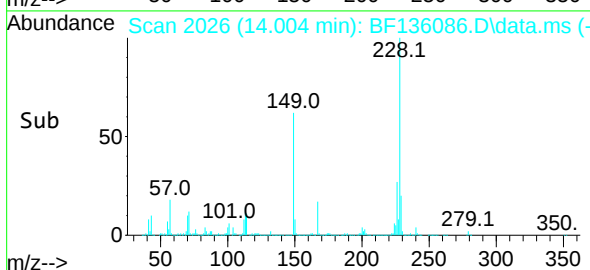
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

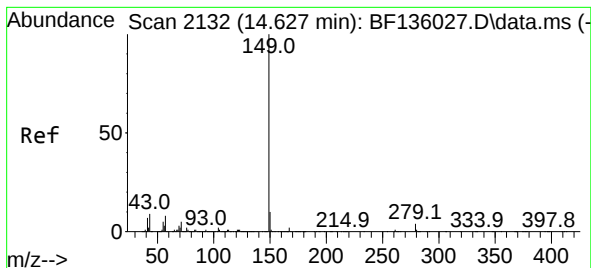


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.650 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04



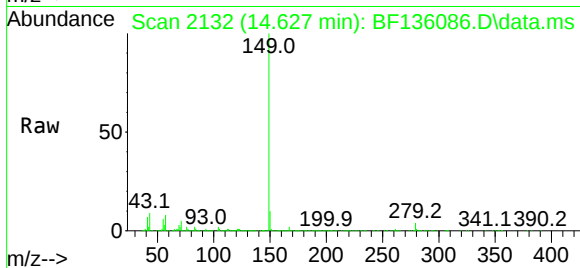
Tgt Ion:149 Resp: 462036
Ion Ratio Lower Upper
149 100
167 27.0 22.6 33.8
279 3.9 4.1 6.1#





#85
Di-n-octyl phthalate
Concen: 57.701 ng
RT: 14.627 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

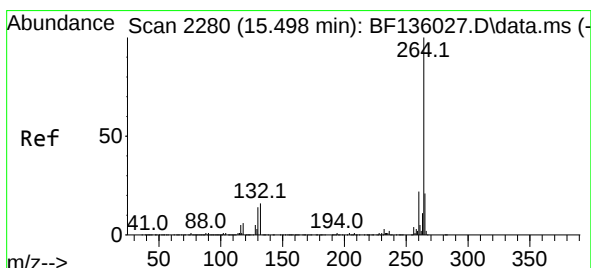
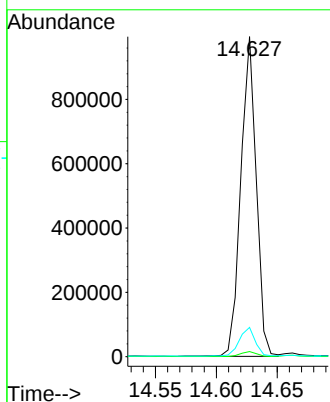
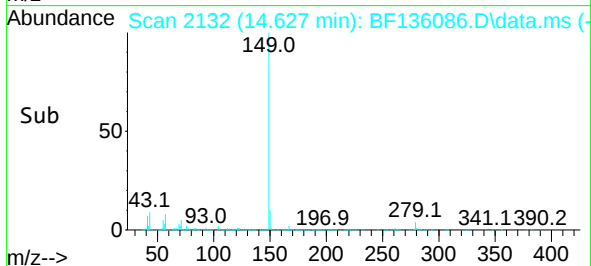
Instrument :
BNA_F
ClientSampleId :
PSC-124037MS



Tgt Ion:149 Resp: 874869
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.2 7.6 11.4

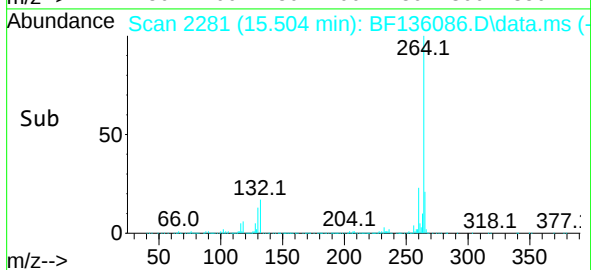
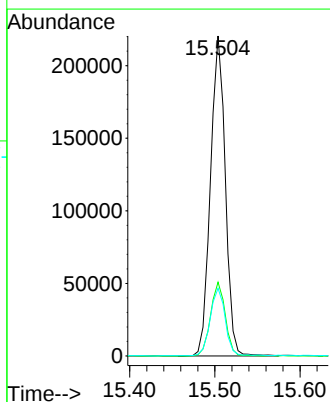
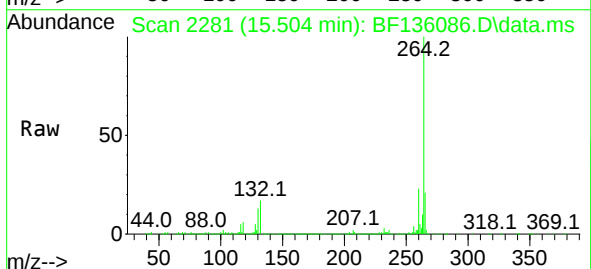
Manual Integrations
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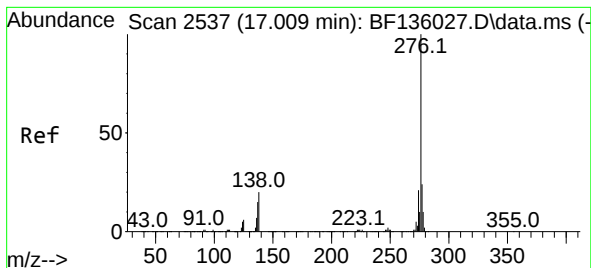
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

Tgt Ion:264 Resp: 267939
Ion Ratio Lower Upper
264 100
260 23.1 17.9 26.9
265 21.2 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.153 ng

RT: 17.021 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136086.D

Acq: 01 Nov 2023 20:04

Instrument :

BNA_F

ClientSampleId :

PSC-124037MS

Tgt Ion:276 Resp: 58056

Ion Ratio Lower Upper

276 100

138 25.0 20.4 30.6

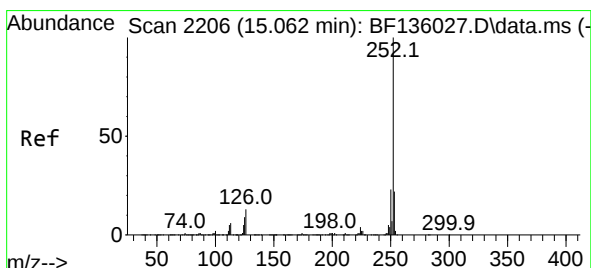
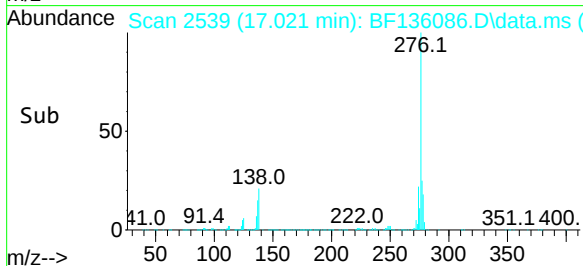
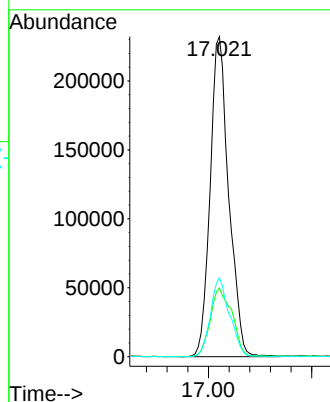
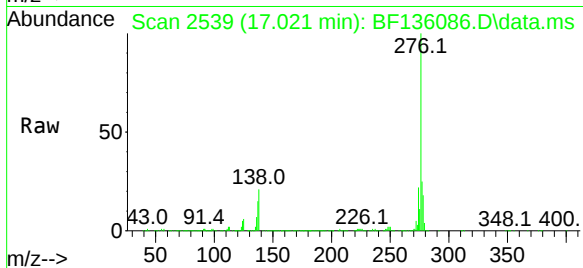
277 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#88

Benzo(b)fluoranthene

Concen: 47.269 ng

RT: 15.068 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BF136086.D

Acq: 01 Nov 2023 20:04

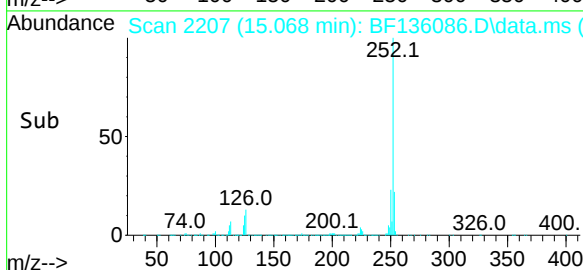
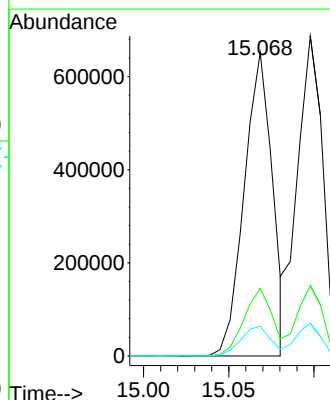
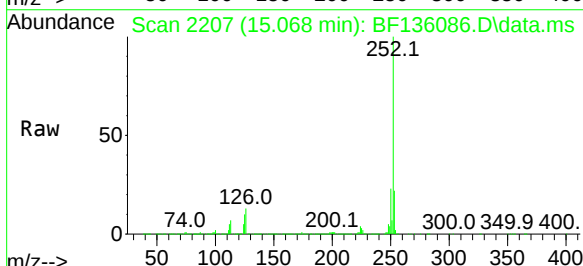
Tgt Ion:252 Resp: 749421

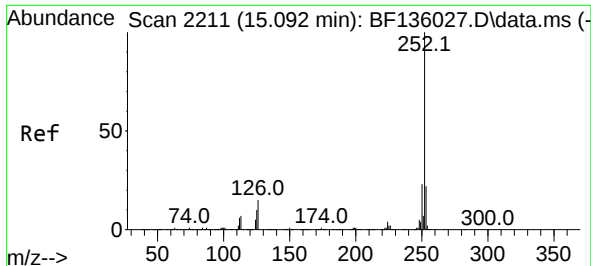
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

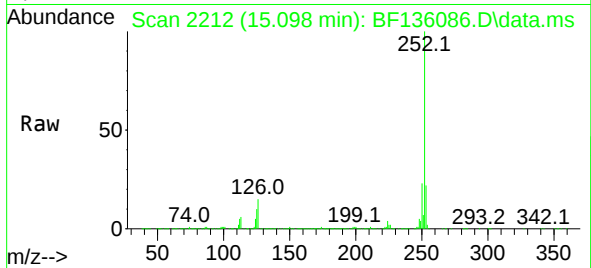
125 9.8 7.5 11.3





#89
Benzo(k)fluoranthene
Concen: 45.525 ng
RT: 15.098 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04

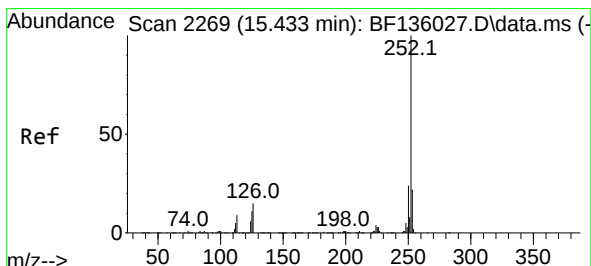
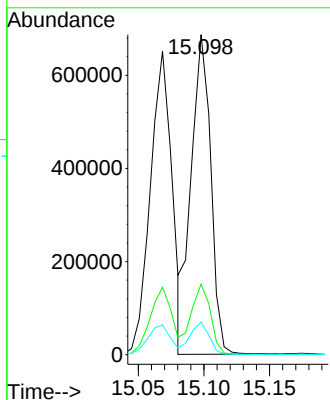
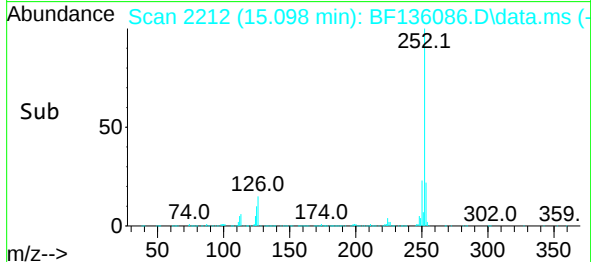
Instrument :
BNA_F
ClientSampleId :
PSC-124037MS



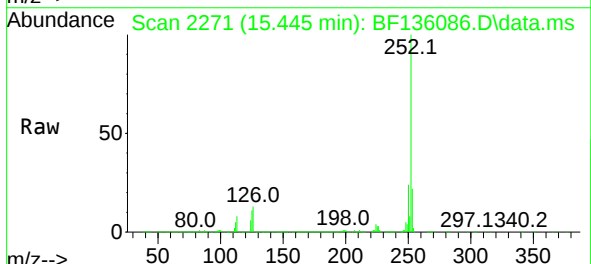
Tgt Ion:252 Resp: 71414
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.2 8.0 12.0

Manual Integrations
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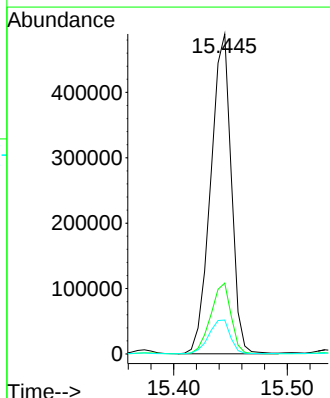
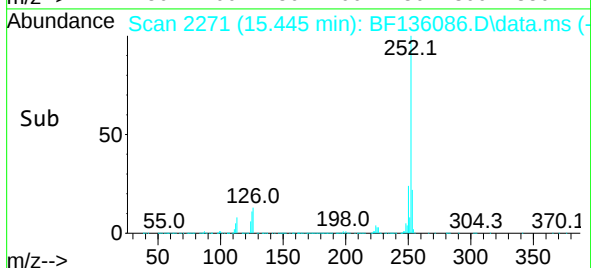
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

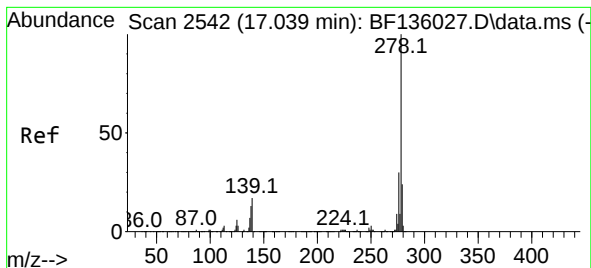


#90
Benzo(a)pyrene
Concen: 41.731 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.012 min
Lab File: BF136086.D
Acq: 01 Nov 2023 20:04



Tgt Ion:252 Resp: 614749
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 10.6 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 34.292 ng

RT: 17.045 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136086.D

Acq: 01 Nov 2023 20:04

Instrument :

BNA_F

ClientSampleId :

PSC-124037MS

Tgt Ion:278 Resp: 491892

Ion Ratio Lower Upper

278 100

139 15.5 13.7 20.5

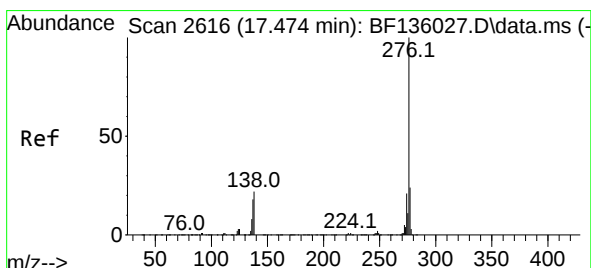
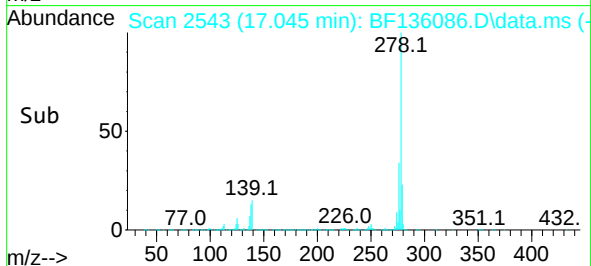
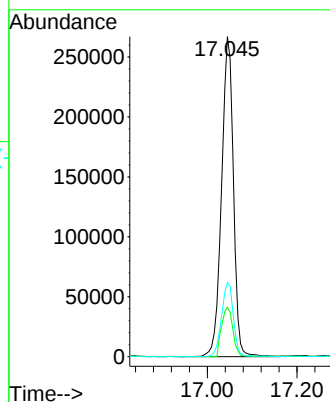
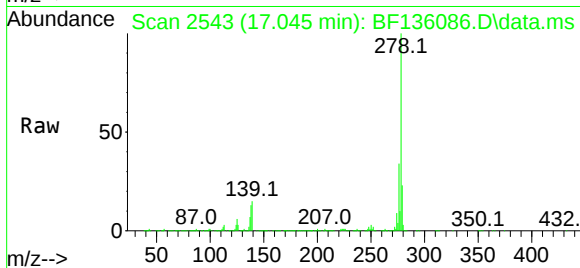
279 23.1 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#92

Benzo(g,h,i)perylene

Concen: 28.729 ng

RT: 17.480 min Scan# 2617

Delta R.T. 0.006 min

Lab File: BF136086.D

Acq: 01 Nov 2023 20:04

Tgt Ion:276 Resp: 448970

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 20.7 17.4 26.2

