

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
 Data File : BF136969.D
 Acq On : 05 Jan 2024 11:18
 Operator : CG\JU
 Sample : PB158239BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB158239BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024

Quant Time: Jan 05 11:36:47 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Dec 21 01:54:25 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	85605	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	324431	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	165393	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	306130	20.000	ng	0.00
76) Chrysene-d12	13.974	240	154096	20.000	ng	0.00
86) Perylene-d12	15.457	264	150394	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	593060	108.094	ng	0.02
7) Phenol-d6	6.445	99	738927	103.940	ng	0.00
23) Nitrobenzene-d5	7.351	82	462765	72.990	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	214493	110.117	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	917274	74.593	ng	0.00
79) Terphenyl-d14	12.910	244	899323	81.558	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	74651	32.656	ng	97
3) Pyridine	3.410	79	177568	31.836	ng	97
4) n-Nitrosodimethylamine	3.381	42	102697	34.479	ng	97
6) Aniline	6.457	93	231279	32.539	ng	# 12
8) 2-Chlorophenol	6.581	128	229068	38.152	ng	94
9) Benzaldehyde	6.340	77	95539	23.627	ng	94
10) Phenol	6.457	94	269551	35.518	ng	93
11) bis(2-Chloroethyl)ether	6.528	93	213587	37.008	ng	97
12) 1,3-Dichlorobenzene	6.728	146	236637	36.129	ng	97
13) 1,4-Dichlorobenzene	6.804	146	236640	35.360	ng	97
14) 1,2-Dichlorobenzene	6.951	146	228157	36.638	ng	98
15) Benzyl Alcohol	6.940	79	178886	37.298	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	340556	36.092	ng	79
17) 2-Methylphenol	7.051	107	184556	37.105	ng	95
18) Hexachloroethane	7.287	117	85950	35.363	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	157034	36.439	ng	97
20) 3+4-Methylphenols	7.204	107	231003	37.174	ng	# 74
22) Acetophenone	7.198	105	320041	39.357	ng	# 90
24) Nitrobenzene	7.369	77	228632	35.999	ng	97
25) Isophorone	7.610	82	434992	37.706	ng	99
26) 2-Nitrophenol	7.687	139	121970	40.139	ng	97
27) 2,4-Dimethylphenol	7.728	122	202366	54.702	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	267825	38.193	ng	98
29) 2,4-Dichlorophenol	7.934	162	185435	38.935	ng	95
30) 1,2,4-Trichlorobenzene	8.004	180	198384	37.385	ng	97
31) Naphthalene	8.086	128	663804	37.243	ng	99
32) Benzoic acid	7.881	122	136931	38.255	ng	98
33) 4-Chloroaniline	8.139	127	141128	21.446	ng	96
34) Hexachlorobutadiene	8.198	225	117225	36.360	ng	98
35) Caprolactam	8.522	113	58553m	37.267	ng	
36) 4-Chloro-3-methylphenol	8.639	107	202982	37.858	ng	98
37) 2-Methylnaphthalene	8.781	142	434082	37.843	ng	98
38) 1-Methylnaphthalene	8.875	142	400879	35.622	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	208533	40.712	ng	100
41) Hexachlorocyclopentadiene	8.928	237	134680	82.315	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	129905	39.546	ng	96

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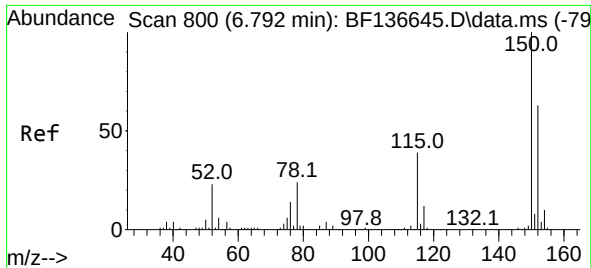
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/06/2024
 Supervised By :mohammad ahmed 01/06/2024

Quant Time: Jan 05 11:36:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	139509	38.111	ng	99
46) 1,1'-Biphenyl	9.245	154	551201	39.715	ng	98
47) 2-Chloronaphthalene	9.269	162	406080	38.487	ng	99
48) 2-Nitroaniline	9.375	65	124754	37.758	ng	95
49) Acenaphthylene	9.686	152	637957	39.558	ng	99
50) Dimethylphthalate	9.551	163	473833	39.222	ng	100
51) 2,6-Dinitrotoluene	9.616	165	102849	37.512	ng	# 87
52) Acenaphthene	9.857	154	383176	38.330	ng	99
53) 3-Nitroaniline	9.786	138	82212	28.306	ng	99
54) 2,4-Dinitrophenol	9.904	184	92403	61.706	ng	# 87
55) Dibenzofuran	10.033	168	576316	38.031	ng	97
56) 4-Nitrophenol	9.975	139	114250	58.273	ng	98
57) 2,4-Dinitrotoluene	10.028	165	125096	35.146	ng	# 87
58) Fluorene	10.375	166	466569	38.803	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.157	232	117017	41.527	ng	95
60) Diethylphthalate	10.251	149	479455	38.251	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	223721	38.279	ng	99
62) 4-Nitroaniline	10.410	138	99022	35.367	ng	92
63) Azobenzene	10.528	77	438441	37.450	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	68019	38.770	ng	99
66) n-Nitrosodiphenylamine	10.492	169	407674	40.995	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	137814	40.536	ng	97
68) Hexachlorobenzene	10.922	284	151555	40.001	ng	95
69) Atrazine	11.027	200	181857	71.499	ng	99
70) Pentachlorophenol	11.127	266	127985	72.472	ng	97
71) Phenanthrene	11.345	178	639308	40.700	ng	100
72) Anthracene	11.392	178	650999	40.923	ng	99
73) Carbazole	11.557	167	574466	38.303	ng	100
74) Di-n-butylphthalate	11.880	149	737994	40.325	ng	99
75) Fluoranthene	12.539	202	628083	37.382	ng	100
77) Benzidine	12.663	184	127880	28.145	ng	99
78) Pyrene	12.769	202	616887	40.780	ng	99
80) Butylbenzylphthalate	13.386	149	236065	42.887	ng	97
81) Benzo(a)anthracene	13.963	228	436007	40.747	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	125264	41.222	ng	99
83) Chrysene	14.004	228	411019	39.280	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	319240	46.097	ng	# 97
85) Di-n-octyl phthalate	14.563	149	498494	46.533	ng	98
87) Indeno(1,2,3-cd)pyrene	16.986	276	488951	45.029	ng	99
88) Benzo(b)fluoranthene	15.027	252	412264	41.042	ng	99
89) Benzo(k)fluoranthene	15.057	252	386644	40.736	ng	99
90) Benzo(a)pyrene	15.398	252	353646	41.708	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	406350	45.614	ng	98
92) Benzo(g,h,i)perylene	17.451	276	407729	44.687	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

ClientSampleId :

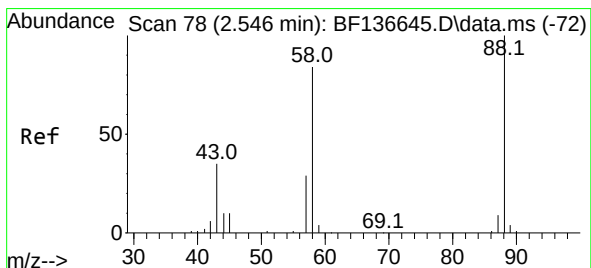
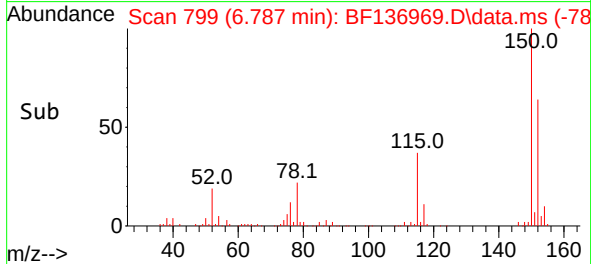
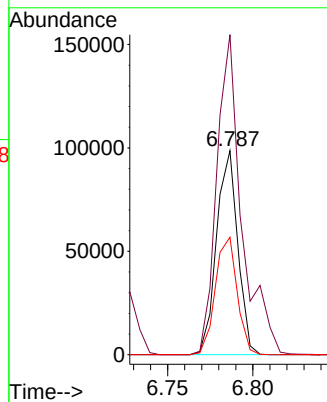
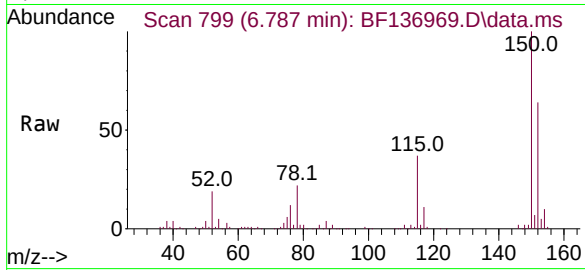
PB158239BS

Tgt Ion:152 Resp: 8560
Ion Ratio Lower Upper
152 100
150 156.8 127.0 190.6
115 57.5 49.0 73.4

Manual Integrations

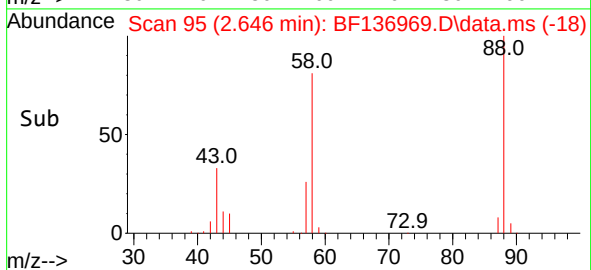
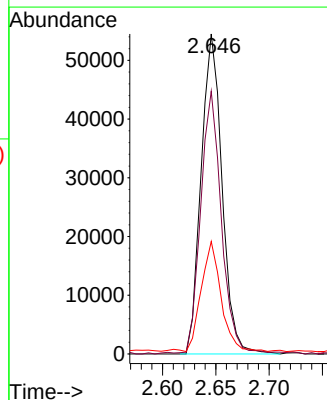
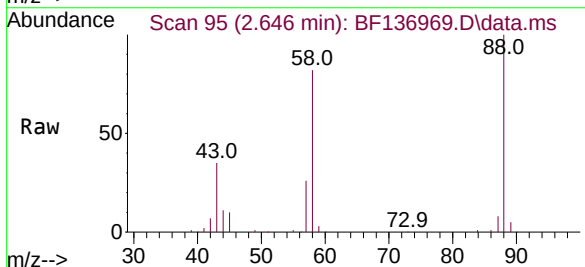
APPROVED

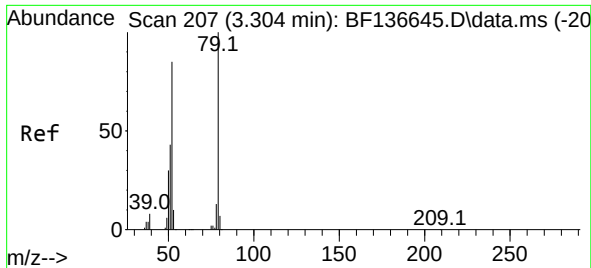
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#2
1,4-Dioxane
Concen: 32.656 ng
RT: 2.646 min Scan# 95
Delta R.T. 0.100 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

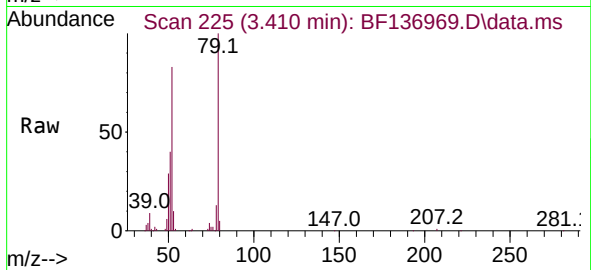
Tgt Ion: 88 Resp: 74651
Ion Ratio Lower Upper
88 100
58 81.9 67.4 101.0
43 33.0 27.7 41.5





#3
Pyridine
Concen: 31.836 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.106 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

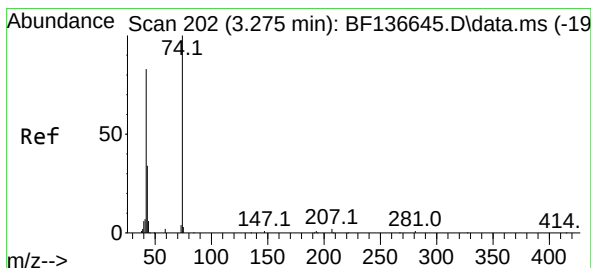
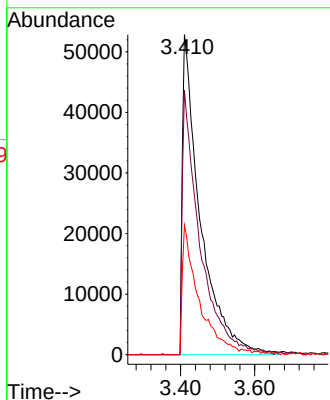
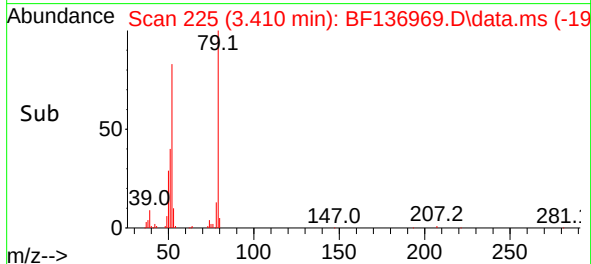
Instrument :
BNA_F
ClientSampleId :
PB158239BS



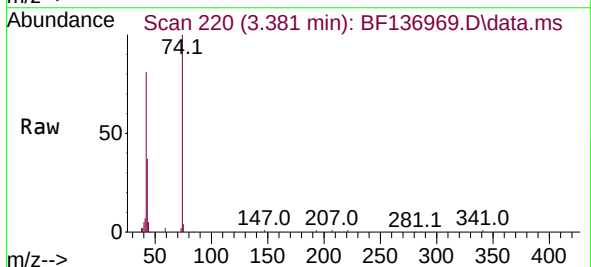
Tgt Ion: 79 Resp: 177568
Ion Ratio Lower Upper
79 100
52 82.6 67.7 101.5
51 40.4 34.0 51.0

Manual Integrations
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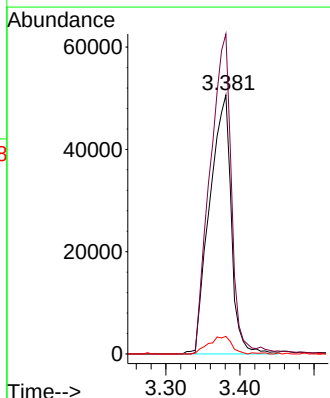
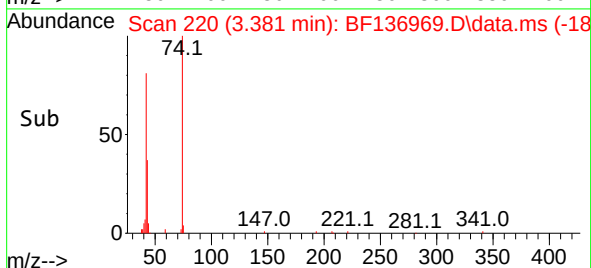
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

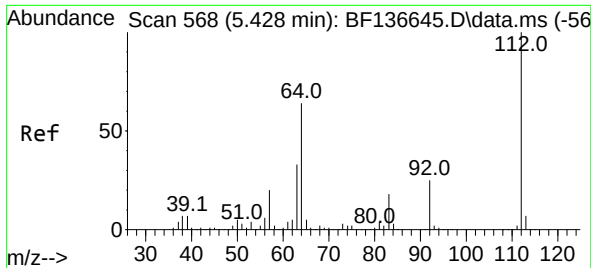


#4
n-Nitrosodimethylamine
Concen: 34.479 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.106 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18



Tgt Ion: 42 Resp: 102697
Ion Ratio Lower Upper
42 100
74 123.6 96.0 144.0
44 6.8 5.4 8.2





#5
2-Fluorophenol
Concen: 108.094 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

ClientSampleId :

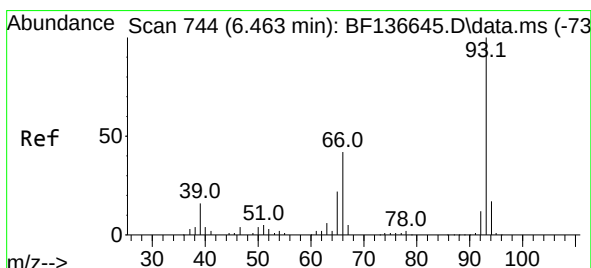
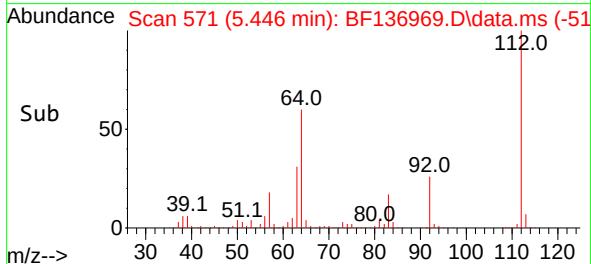
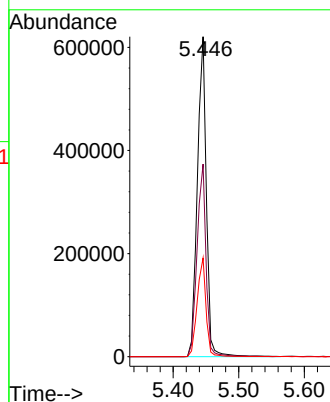
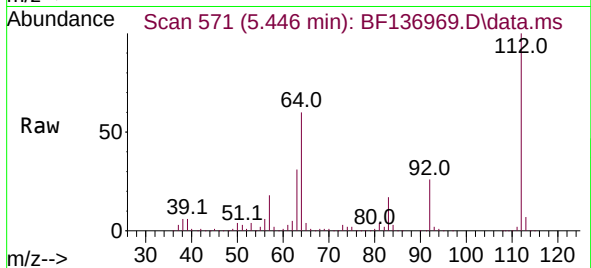
PB158239BS

Tgt Ion:112 Resp: 593060
Ion Ratio Lower Upper
112 100
64 60.2 51.1 76.7
63 30.9 26.1 39.1

Manual Integrations

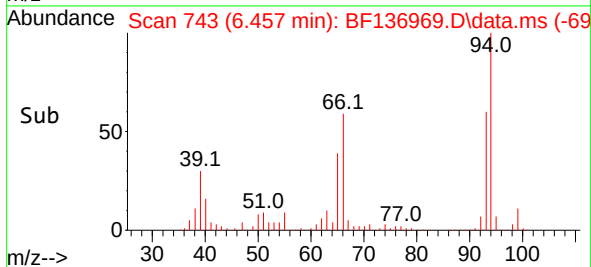
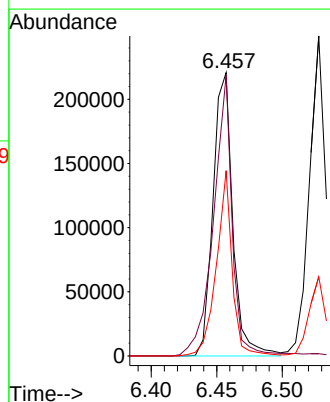
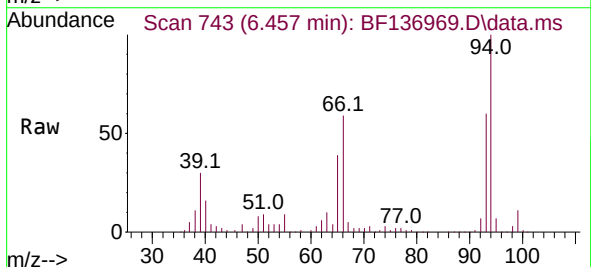
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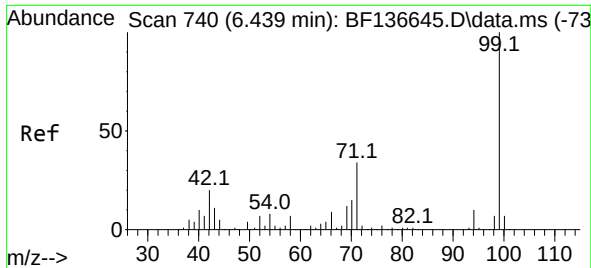
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#6
Aniline
Concen: 32.539 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

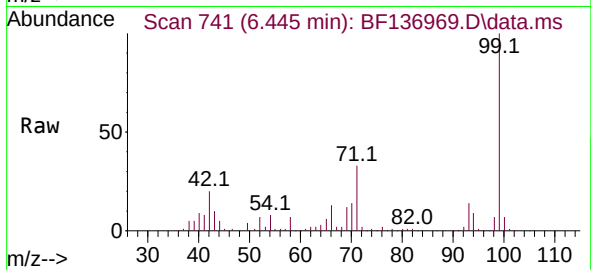
Tgt Ion: 93 Resp: 231279
Ion Ratio Lower Upper
93 100
66 99.0 34.6 51.8#
65 65.4 17.8 26.8#





#7
Phenol-d6
Concen: 103.940 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

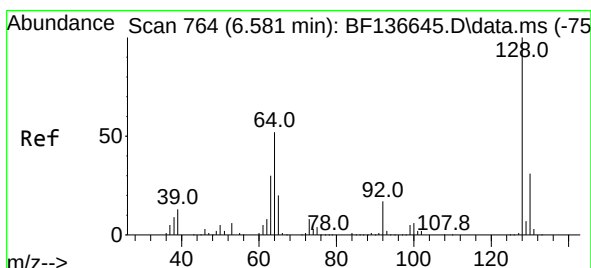
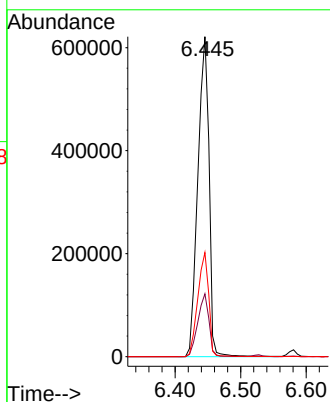
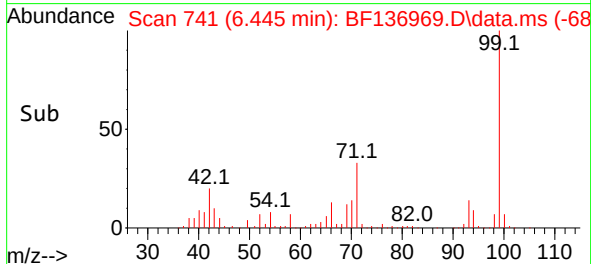
Instrument :
BNA_F
ClientSampleId :
PB158239BS



Tgt Ion: 99 Resp: 73892
Ion Ratio Lower Upper
99 100
42 19.6 16.1 24.1
71 32.5 27.4 41.2

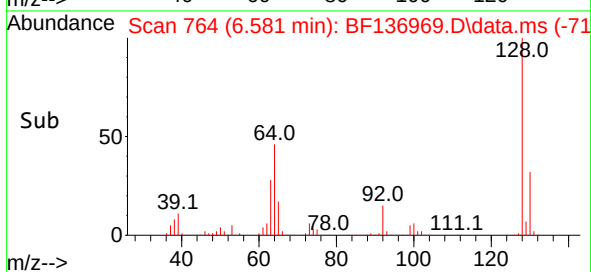
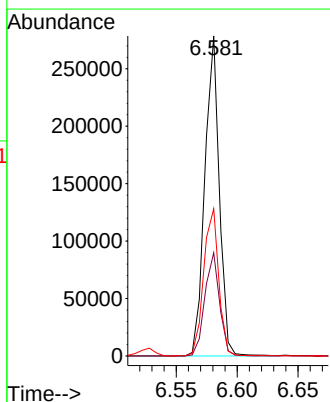
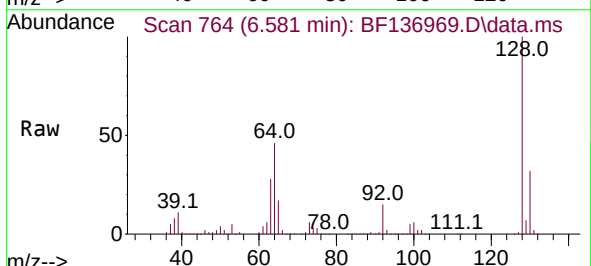
Manual Integrations
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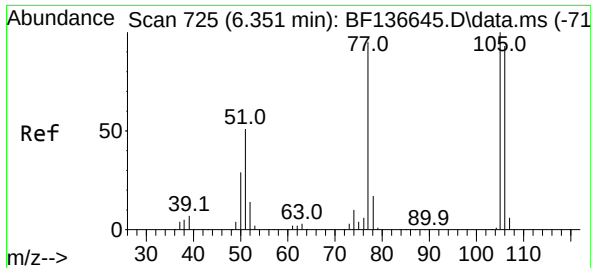
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#8
2-Chlorophenol
Concen: 38.152 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Tgt Ion:128 Resp: 229068
Ion Ratio Lower Upper
128 100
130 32.3 11.3 51.3
64 46.0 32.5 72.5





#9
Benzaldehyde
Concen: 23.627 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

ClientSampleId :

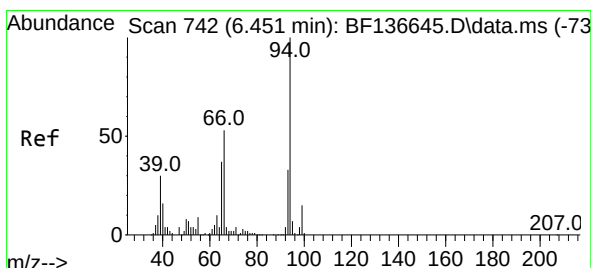
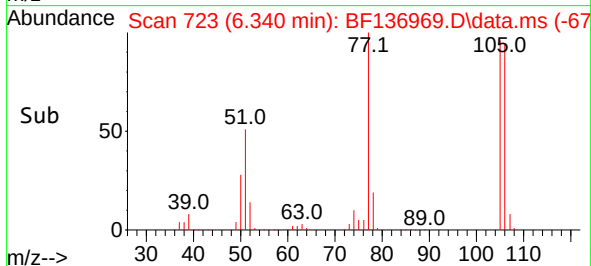
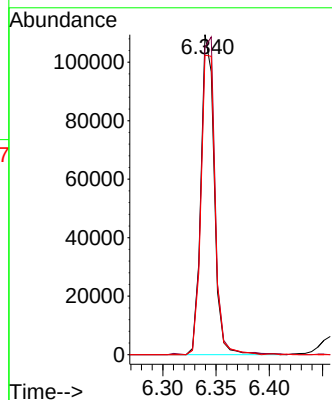
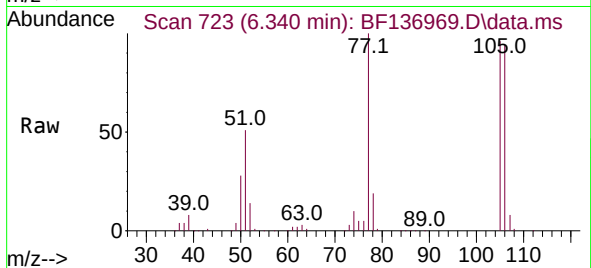
PB158239BS

Tgt Ion: 77 Resp: 95539
Ion Ratio Lower Upper
77 100
105 96.2 84.8 124.8
106 93.6 77.8 117.8

Manual Integrations

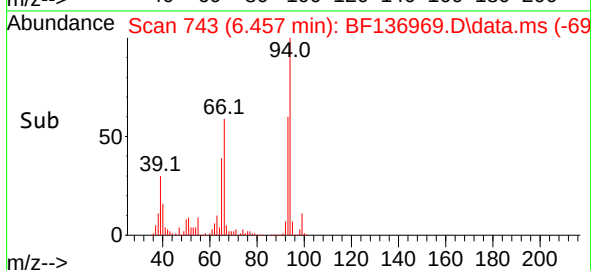
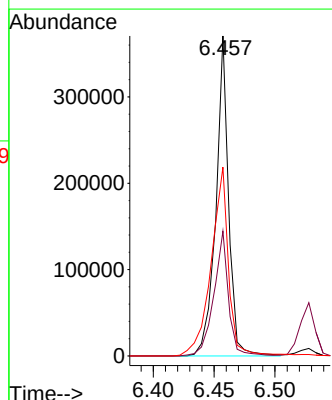
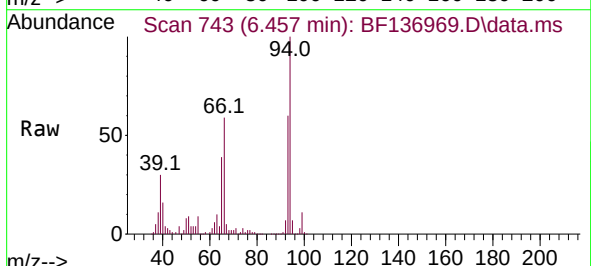
APPROVED

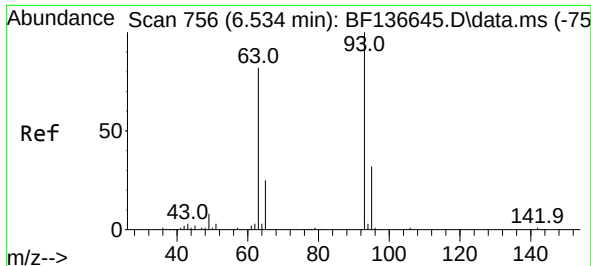
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#10
Phenol
Concen: 35.518 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Tgt Ion: 94 Resp: 269551
Ion Ratio Lower Upper
94 100
65 39.0 16.6 56.6
66 59.0 32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 37.008 ng

RT: 6.528 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF136969.D

Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

ClientSampleId :

PB158239BS

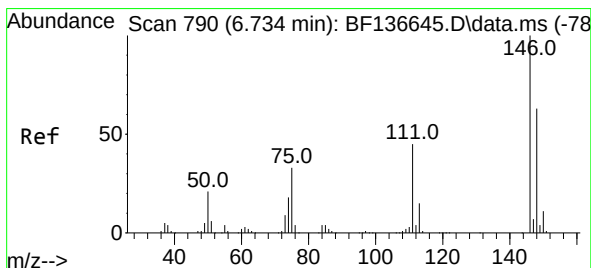
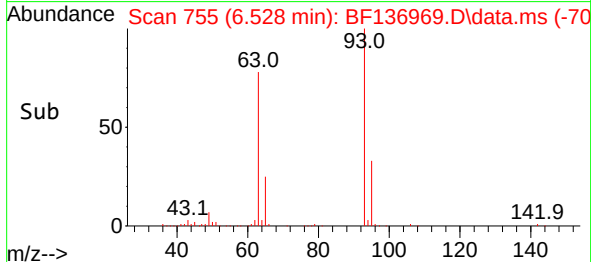
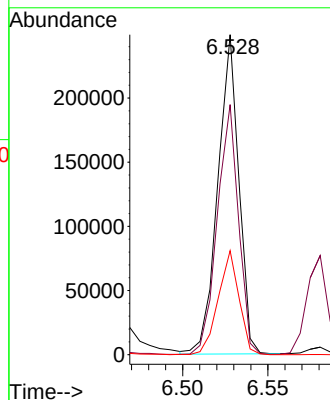
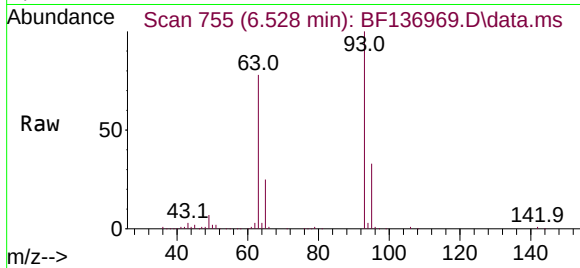
Tgt Ion: 93	Resp: 21358
Ion Ratio	Lower Upper
93	100
63	78.1 61.2 101.2
95	32.5 11.6 51.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#12

1,3-Dichlorobenzene

Concen: 36.129 ng

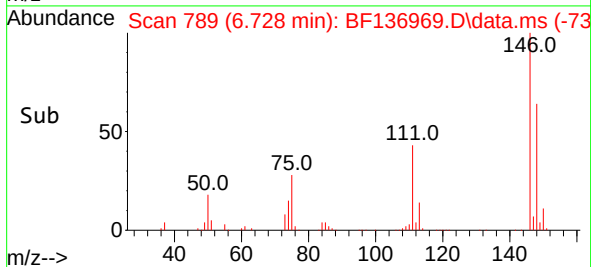
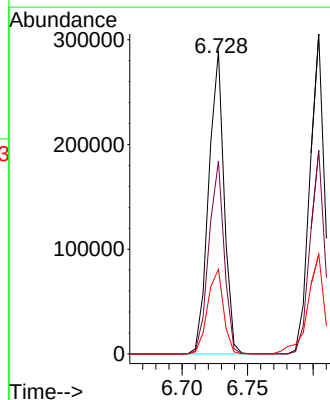
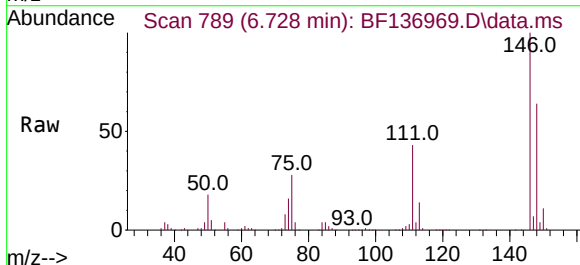
RT: 6.728 min Scan# 789

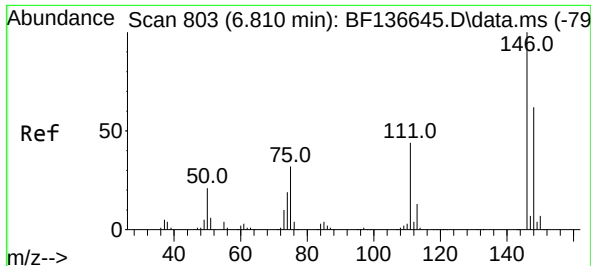
Delta R.T. -0.006 min

Lab File: BF136969.D

Acq: 05 Jan 2024 11:18

Tgt Ion:146	Resp: 236637
Ion Ratio	Lower Upper
146	100
148	63.6 50.5 75.7
75	27.9 26.2 39.4





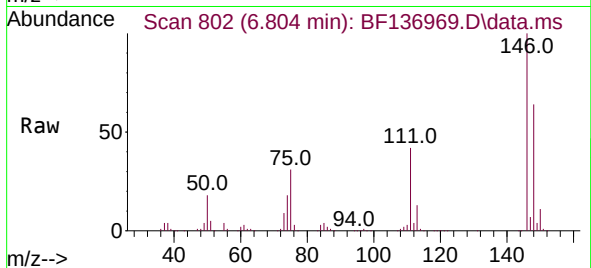
#13
1,4-Dichlorobenzene
Concen: 35.360 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

ClientSampleId :

PB158239BS

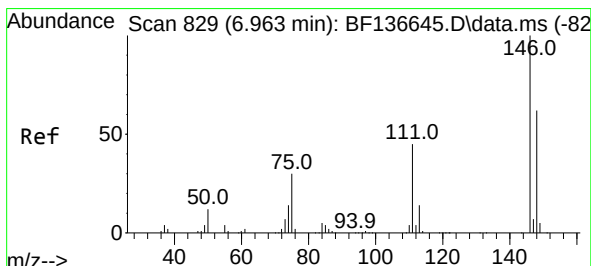
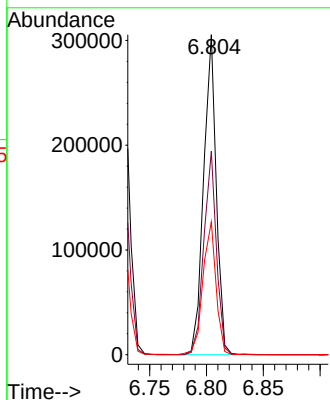
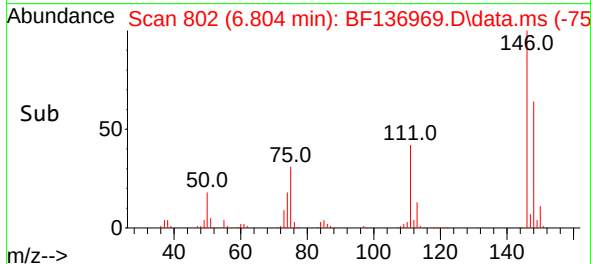


Tgt Ion:146 Resp: 236640
Ion Ratio Lower Upper
146 100
148 63.6 49.2 73.8
111 41.5 35.2 52.8

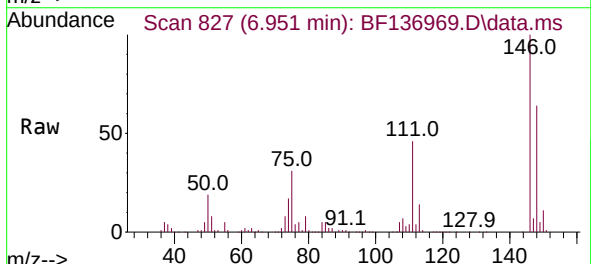
Manual Integrations

APPROVED

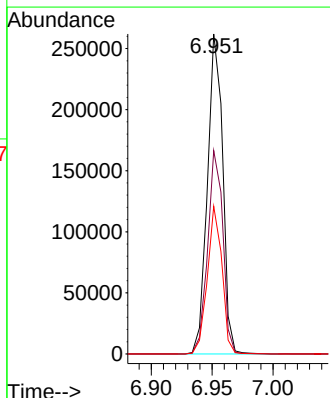
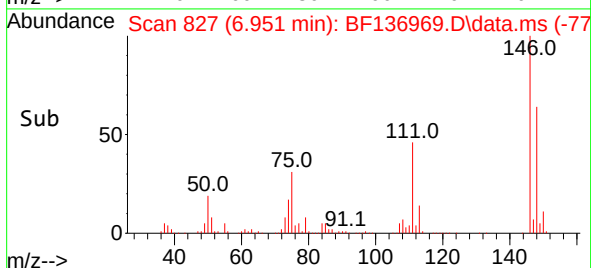
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

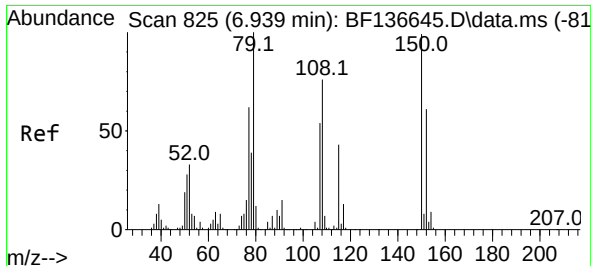


#14
1,2-Dichlorobenzene
Concen: 36.638 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18



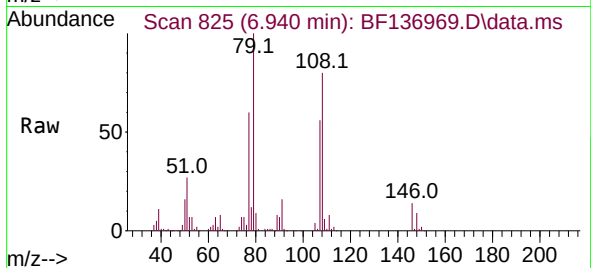
Tgt Ion:146 Resp: 228157
Ion Ratio Lower Upper
146 100
148 63.6 49.6 74.4
111 46.2 36.2 54.2





#15
Benzyl Alcohol
Concen: 37.298 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

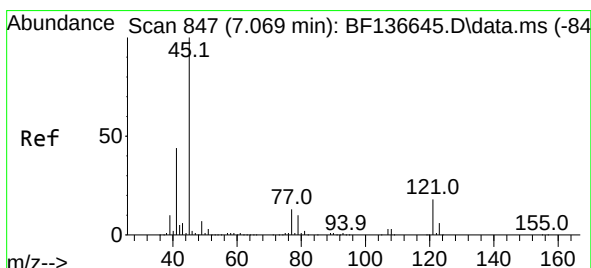
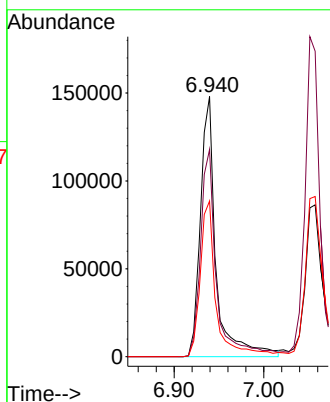
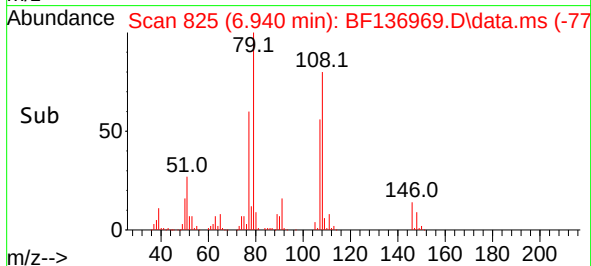
Instrument :
BNA_F
ClientSampleId :
PB158239BS



Tgt Ion: 79 Resp: 178880
Ion Ratio Lower Upper
79 100
108 79.7 61.0 91.6
77 59.8 49.8 74.8

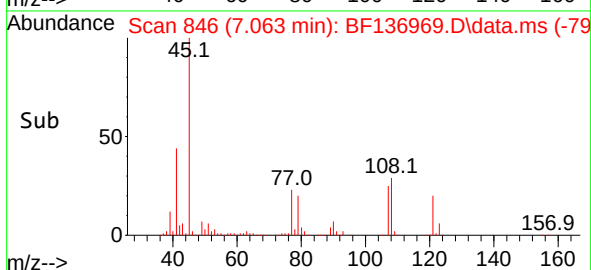
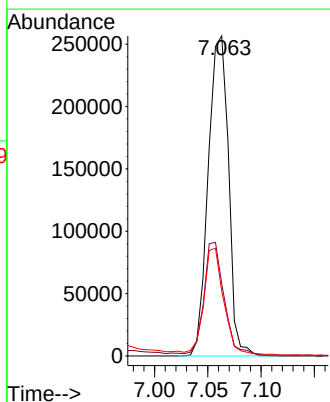
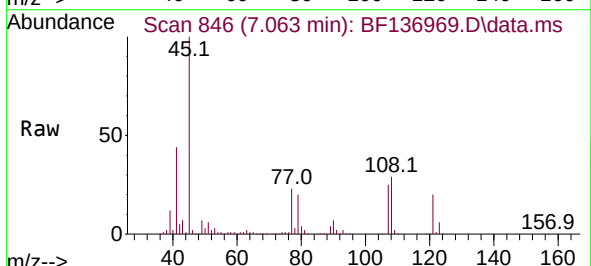
Manual Integrations
APPROVED

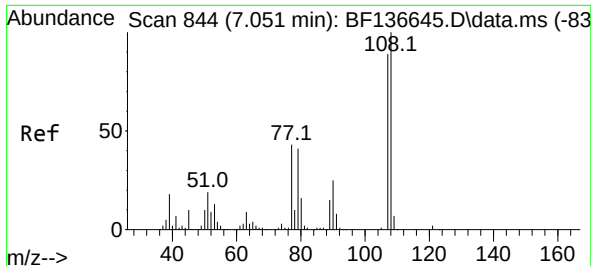
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.092 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

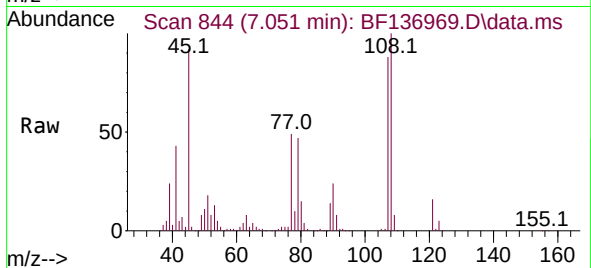
Tgt Ion: 45 Resp: 340556
Ion Ratio Lower Upper
45 100
77 22.6 0.0 34.3
79 20.2 0.0 31.4





#17
2-Methylphenol
Concen: 37.105 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

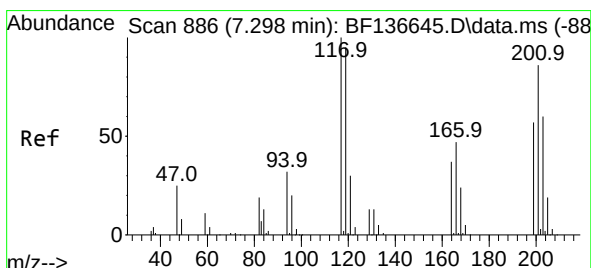
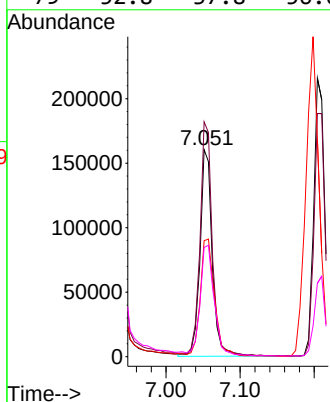
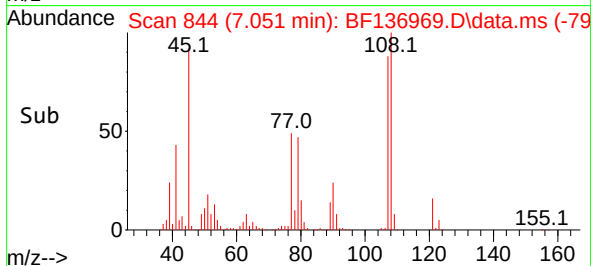
Instrument :
BNA_F
ClientSampleId :
PB158239BS



Tgt Ion:107 Resp: 184550
Ion Ratio Lower Upper
107 100
108 113.4 90.3 135.5
77 56.1 38.7 58.1
79 52.8 37.8 56.6

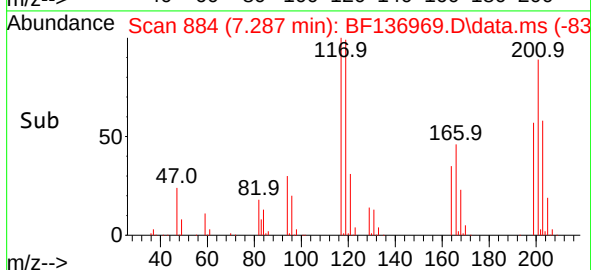
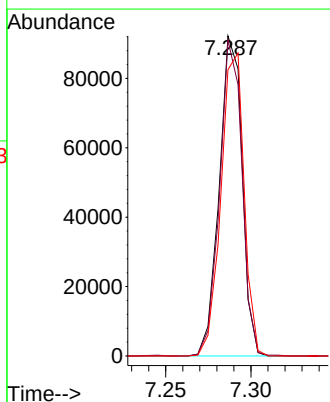
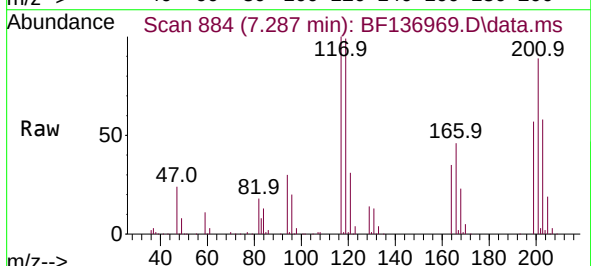
Manual Integrations
APPROVED

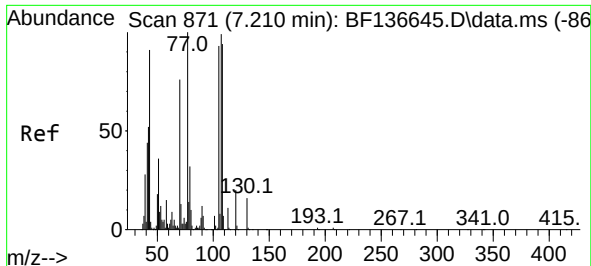
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#18
Hexachloroethane
Concen: 35.363 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

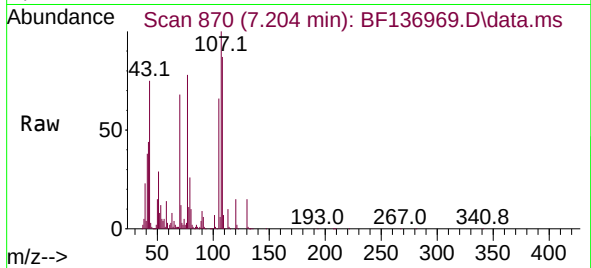
Tgt Ion:117 Resp: 85950
Ion Ratio Lower Upper
117 100
119 98.7 75.8 113.6
201 89.4 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 36.439 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

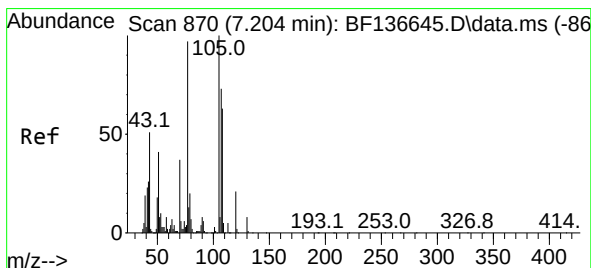
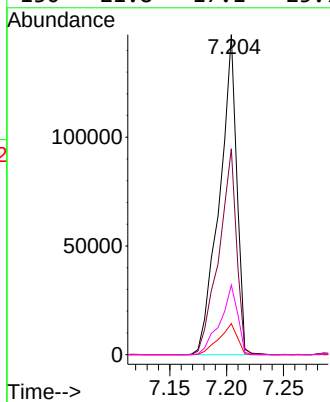
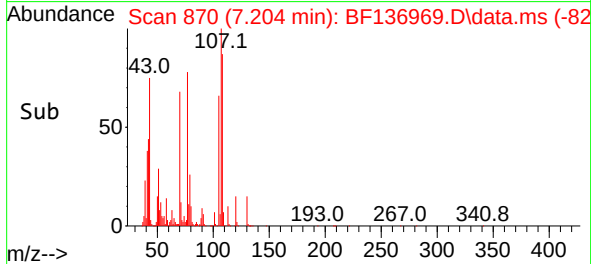
Instrument :
BNA_F
ClientSampleId :
PB158239BS



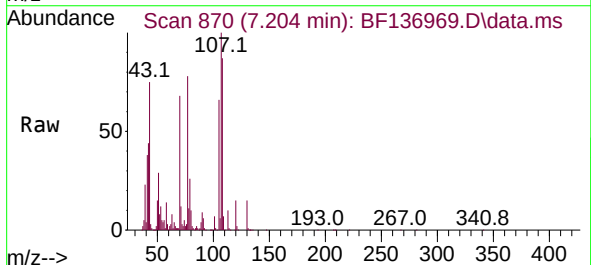
Tgt Ion: 70 Resp: 157034
Ion Ratio Lower Upper
70 100
42 64.4 54.2 81.4
101 9.7 7.6 11.4
130 21.8 17.1 25.7

Manual Integrations
APPROVED

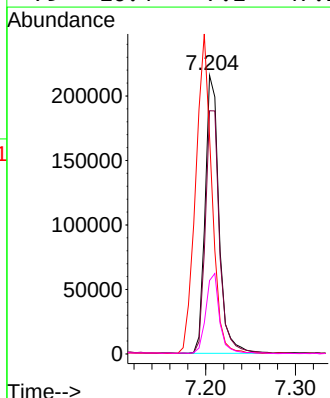
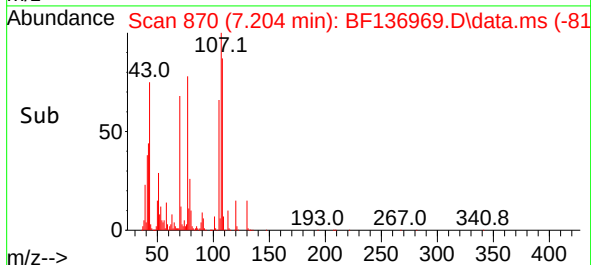
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

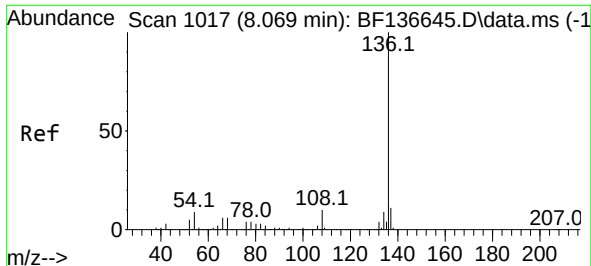


#20
3+4-Methylphenols
Concen: 37.174 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18



Tgt Ion:107 Resp: 231003
Ion Ratio Lower Upper
107 100
108 87.3 66.0 106.0
77 77.9 114.2 154.2#
79 26.4 7.2 47.2





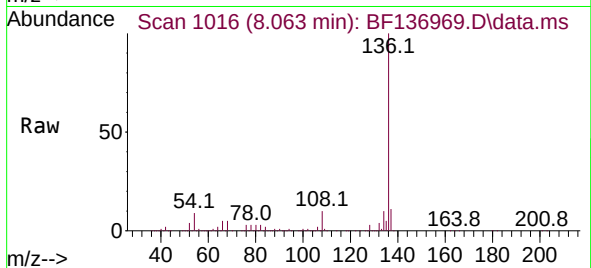
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

ClientSampleId :

PB158239BS

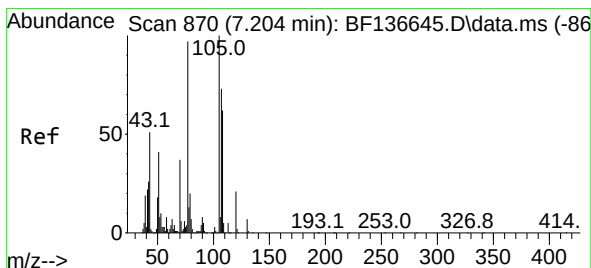
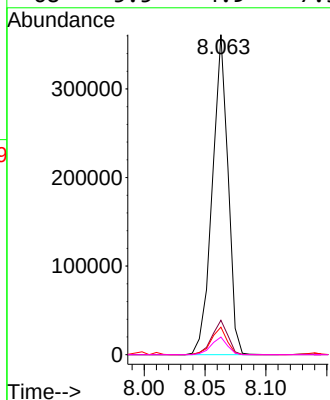
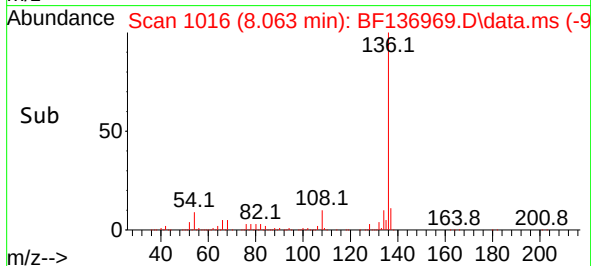


Tgt Ion:136 Resp: 32443
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.6 7.2 10.8
68 5.5 4.9 7.3

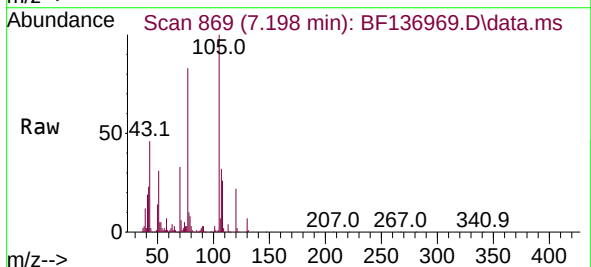
Manual Integrations

APPROVED

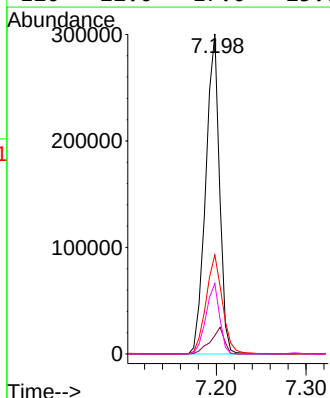
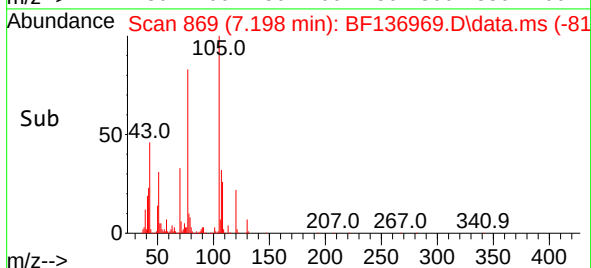
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

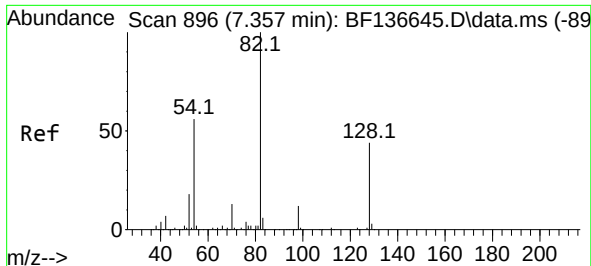


#22
Acetophenone
Concen: 39.357 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18



Tgt Ion:105 Resp: 320041
Ion Ratio Lower Upper
105 100
71 5.7 4.8 7.2
51 30.9 32.8 49.2#
120 22.0 17.0 25.6





#23
Nitrobenzene-d5
Concen: 72.990 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

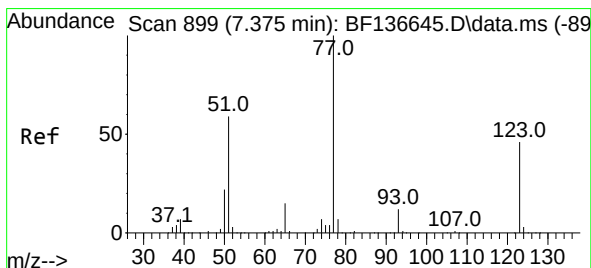
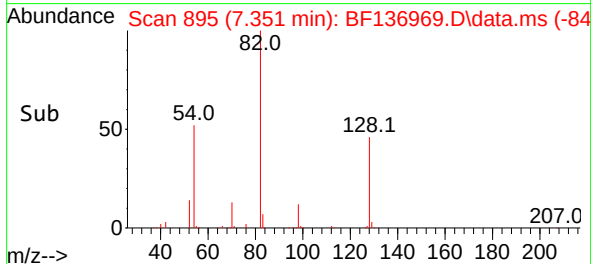
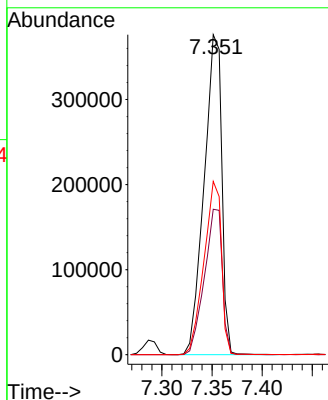
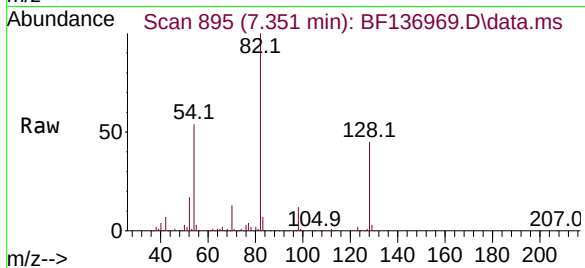
ClientSampleId :

PB158239BS

Tgt Ion: 82 Resp: 46276
Ion Ratio Lower Upper
82 100
128 45.4 35.3 52.9
54 54.1 44.5 66.7

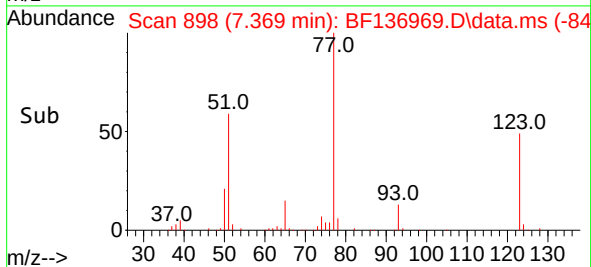
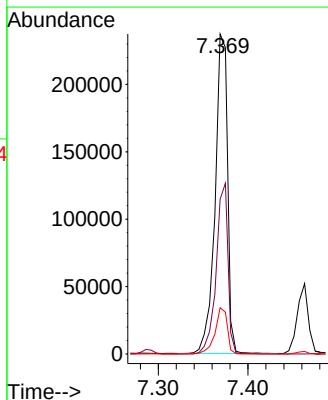
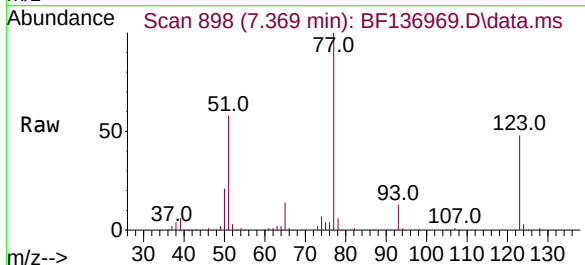
Manual Integrations
APPROVED

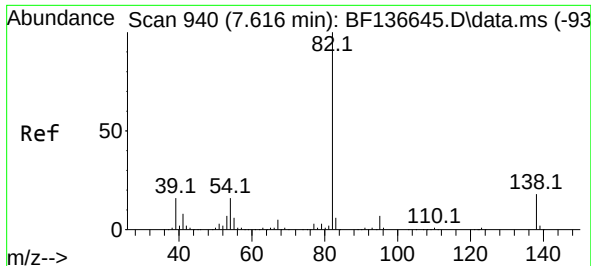
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#24
Nitrobenzene
Concen: 35.999 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

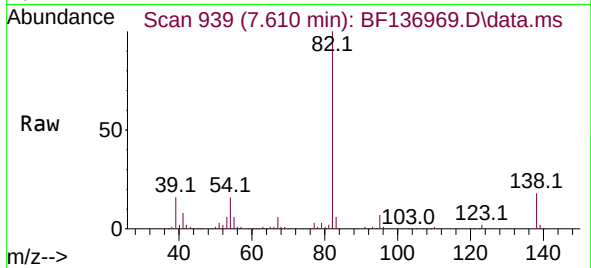
Tgt Ion: 77 Resp: 228632
Ion Ratio Lower Upper
77 100
123 48.4 36.7 55.1
65 14.4 11.8 17.6





#25
Isophorone
Concen: 37.706 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

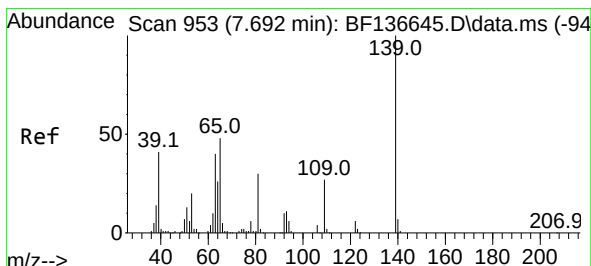
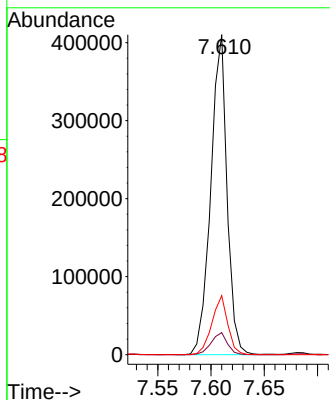
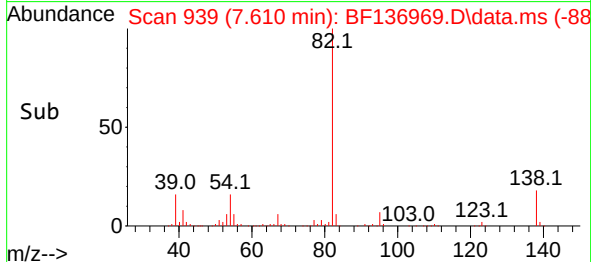
Instrument :
BNA_F
ClientSampleId :
PB158239BS



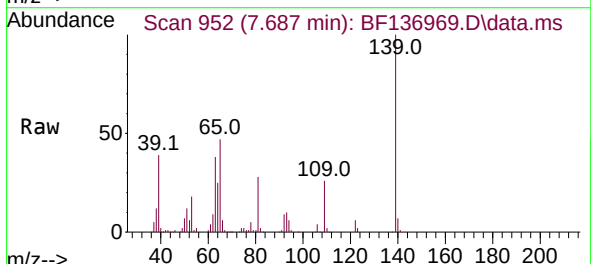
Tgt Ion: 82 Resp: 434992
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.5 14.5 21.7

Manual Integrations
APPROVED

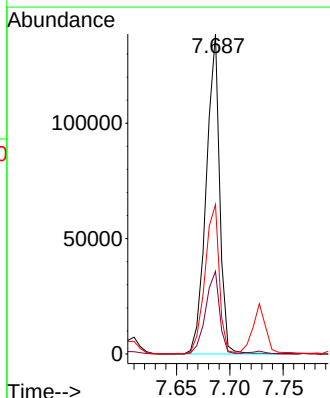
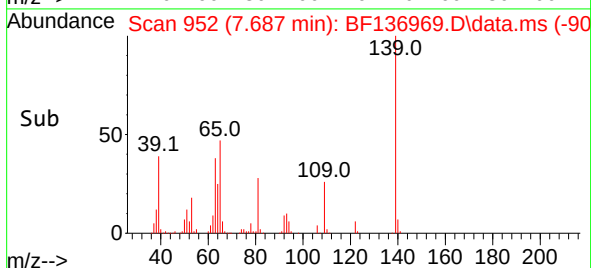
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

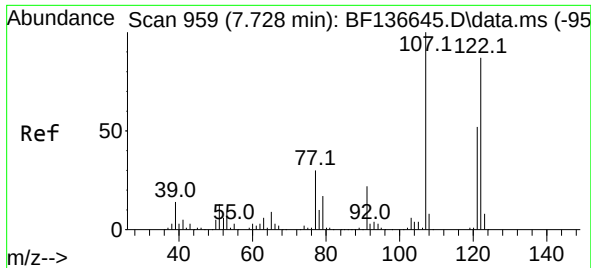


#26
2-Nitrophenol
Concen: 40.139 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18



Tgt Ion:139 Resp: 121970
Ion Ratio Lower Upper
139 100
109 25.9 21.9 32.9
65 46.7 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 54.702 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

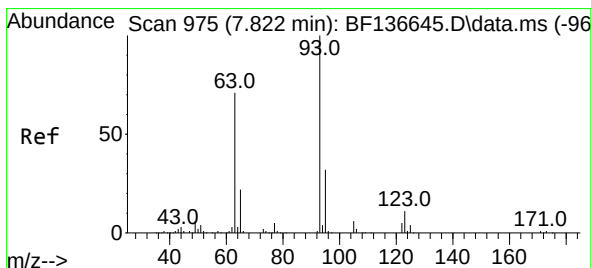
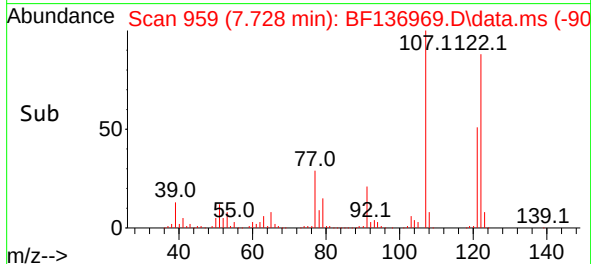
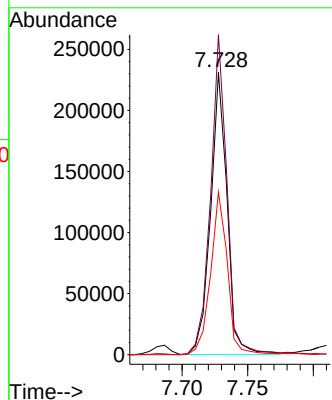
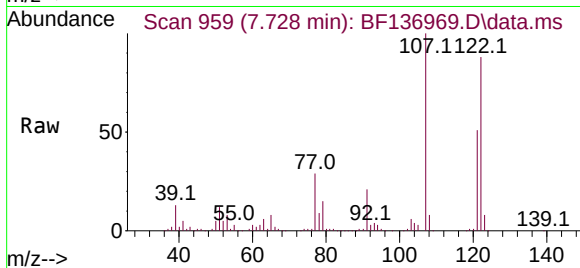
ClientSampleId :

PB158239BS

Tgt Ion:122 Resp: 202360
Ion Ratio Lower Upper
122 100
107 113.3 92.0 138.0
121 57.6 47.5 71.3

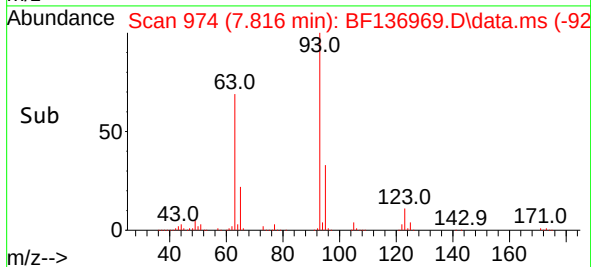
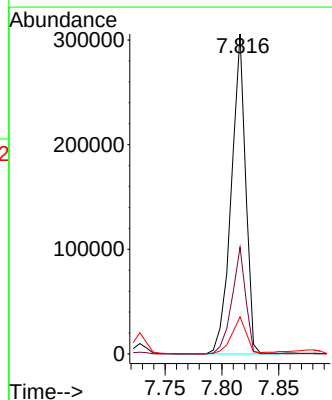
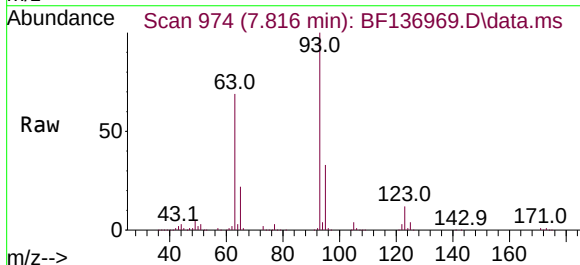
Manual Integrations
APPROVED

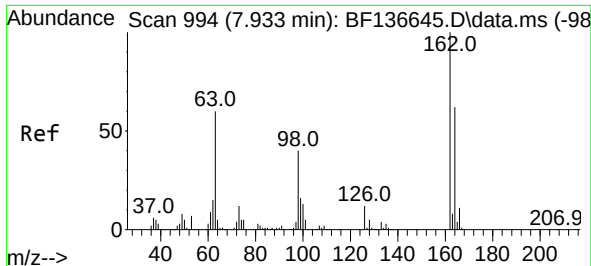
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#28
bis(2-Chloroethoxy)methane
Concen: 38.193 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Tgt Ion: 93 Resp: 267825
Ion Ratio Lower Upper
93 100
95 33.4 25.5 38.3
123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 38.935 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF136969.D

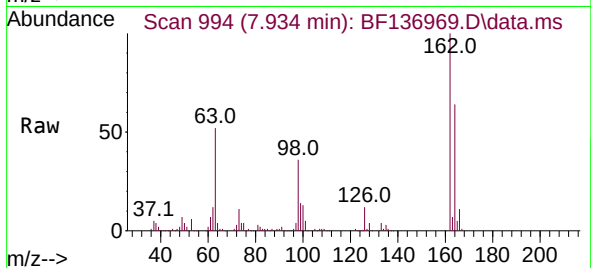
Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

ClientSampleId :

PB158239BS



Tgt Ion:162 Resp: 185435

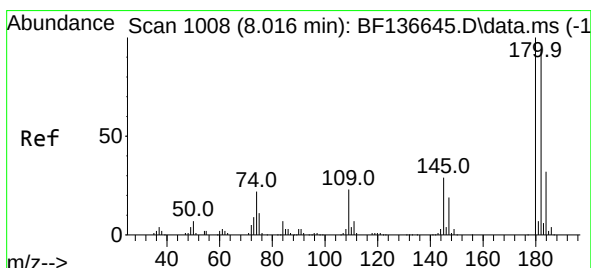
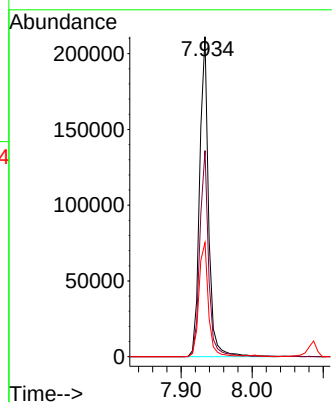
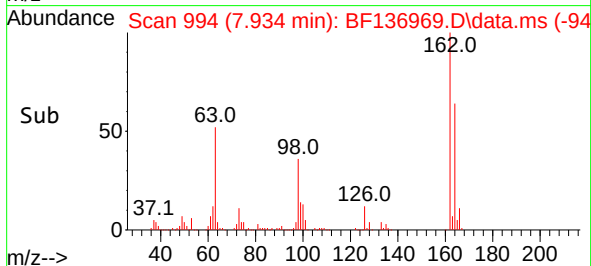
Ion	Ratio	Lower	Upper
162	100		
164	64.4	41.7	81.7
98	35.6	19.5	59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#30

1,2,4-Trichlorobenzene

Concen: 37.385 ng

RT: 8.004 min Scan# 1006

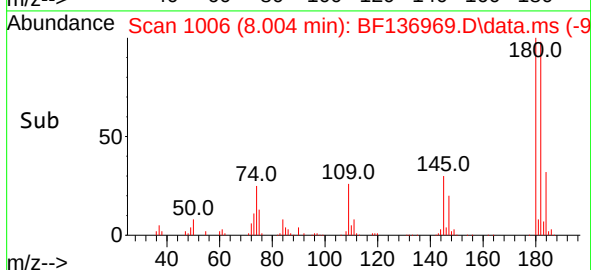
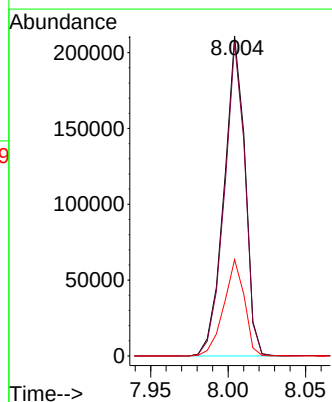
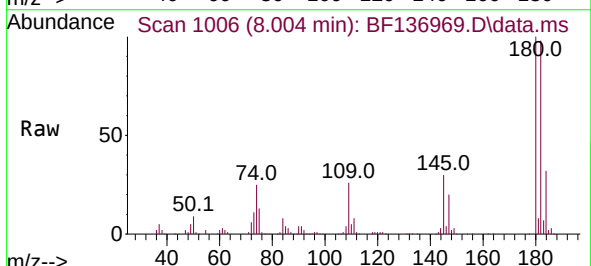
Delta R.T. -0.012 min

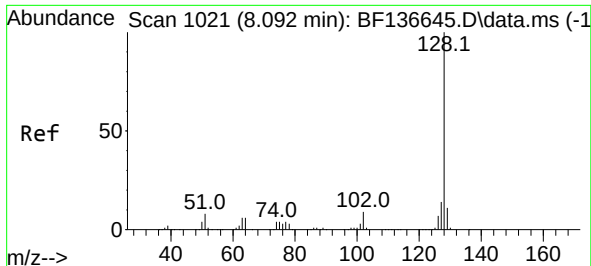
Lab File: BF136969.D

Acq: 05 Jan 2024 11:18

Tgt Ion:180 Resp: 198384

Ion	Ratio	Lower	Upper
180	100		
182	97.8	75.4	113.0
145	30.1	23.1	34.7





#31
Naphthalene
Concen: 37.243 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

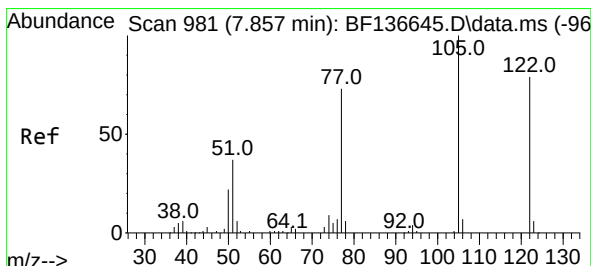
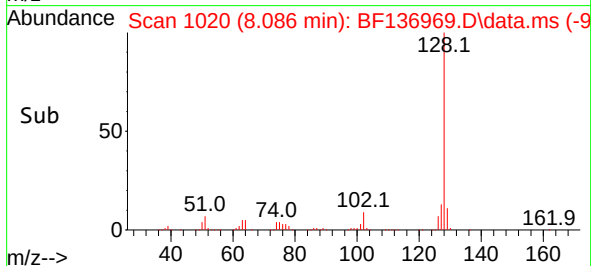
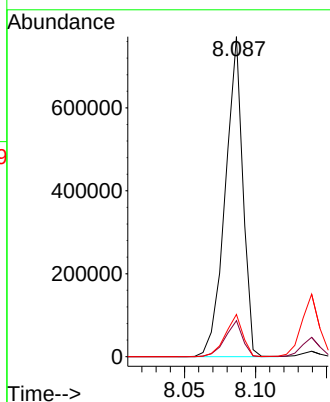
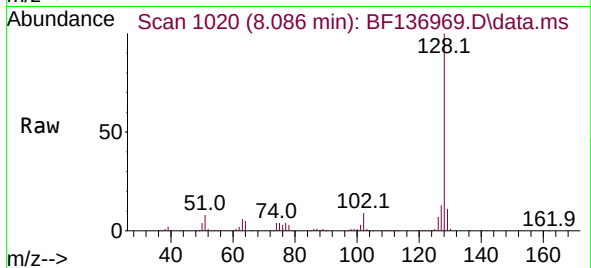
ClientSampleId :

PB158239BS

Tgt Ion:128 Resp: 663804
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.2 10.8 16.2

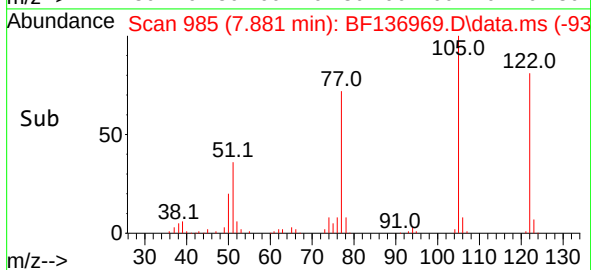
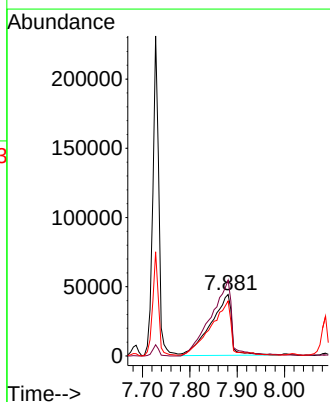
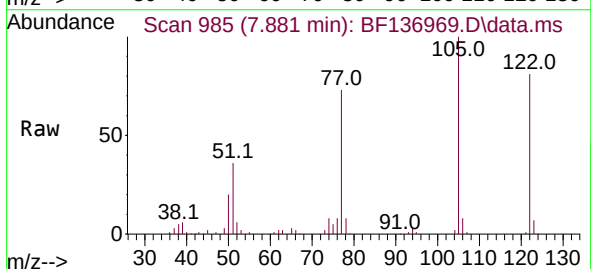
Manual Integrations
APPROVED

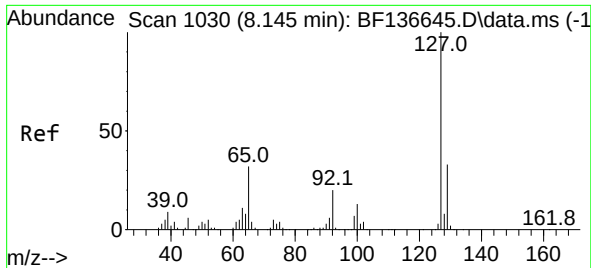
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#32
Benzoic acid
Concen: 38.255 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.024 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Tgt Ion:122 Resp: 136931
Ion Ratio Lower Upper
122 100
105 123.4 100.8 140.8
77 89.7 70.9 110.9





#33
4-Chloroaniline
Concen: 21.446 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

ClientSampleId :

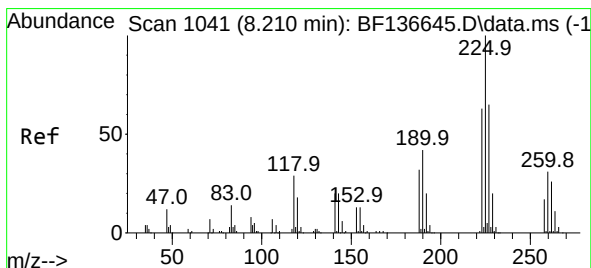
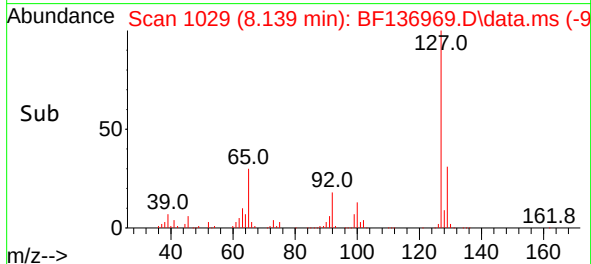
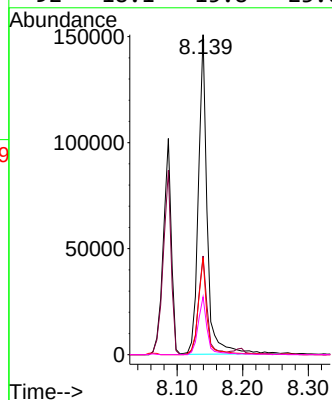
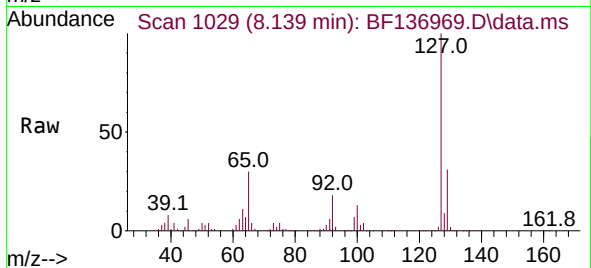
PB158239BS

Tgt Ion:127 Resp: 141128
Ion Ratio Lower Upper
127 100
129 30.9 26.3 39.5
65 30.3 25.8 38.8
92 18.1 15.8 23.6

Manual Integrations

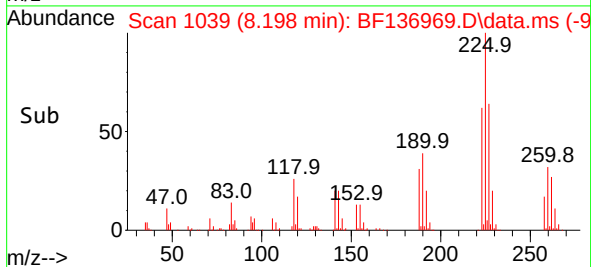
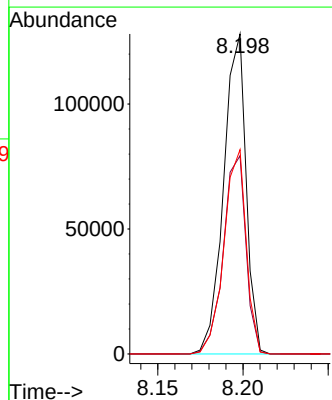
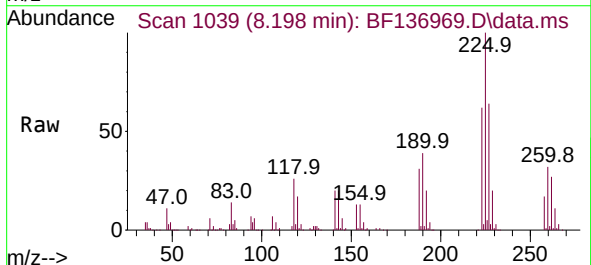
APPROVED

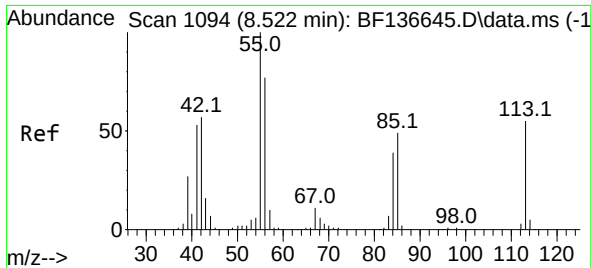
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#34
Hexachlorobutadiene
Concen: 36.360 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Tgt Ion:225 Resp: 117225
Ion Ratio Lower Upper
225 100
223 62.0 50.6 76.0
227 63.9 51.9 77.9





#35
 Caprolactam
 Concen: 37.267 ng m
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.000 min
 Lab File: BF136969.D
 Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

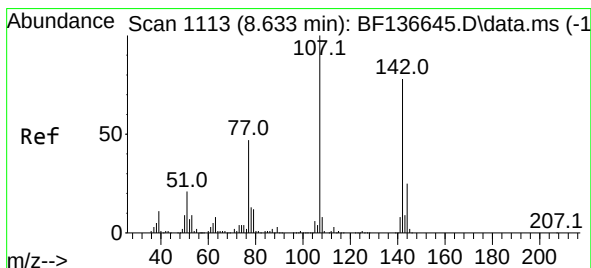
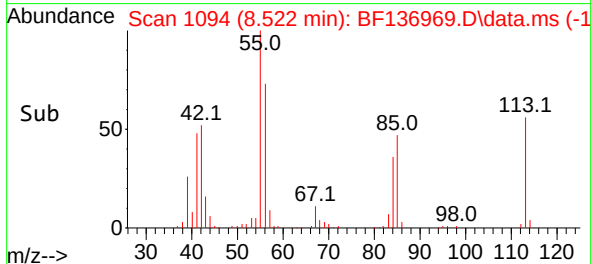
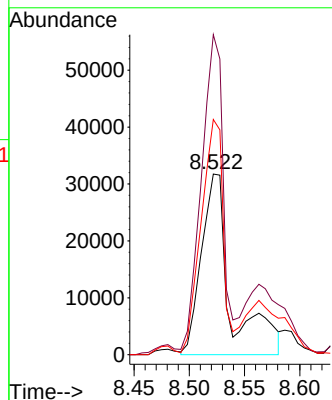
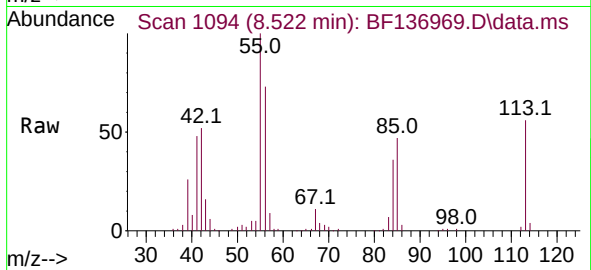
ClientSampleId :

PB158239BS

Tgt Ion:113 Resp: 5855
 Ion Ratio Lower Upper
 113 100
 55 177.2 163.1 203.1
 56 130.2 121.7 161.7

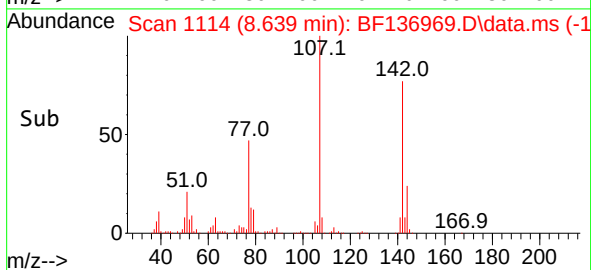
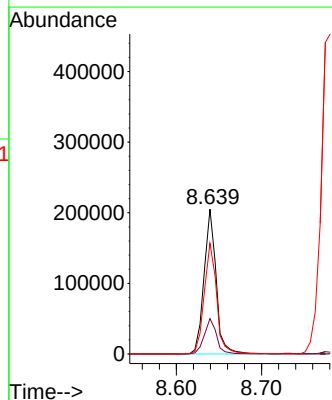
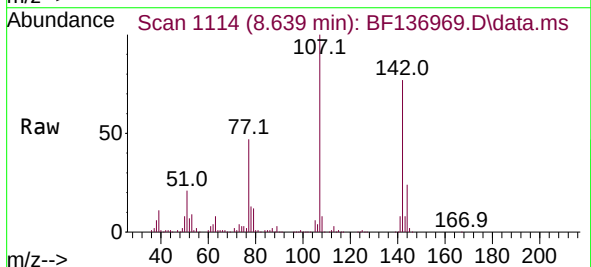
Manual Integrations
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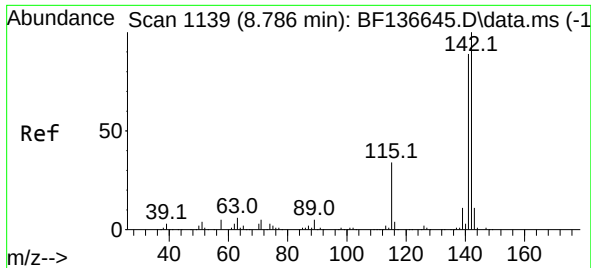
Reviewed By :Yogesh Patel 01/06/2024
 Supervised By :mohammad ahmed 01/06/2024



#36
 4-Chloro-3-methylphenol
 Concen: 37.858 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF136969.D
 Acq: 05 Jan 2024 11:18

Tgt Ion:107 Resp: 202982
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.2 30.2
 142 76.5 62.3 93.5





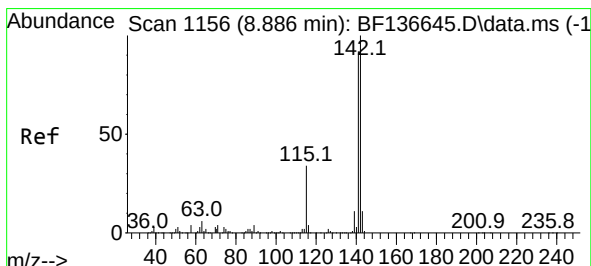
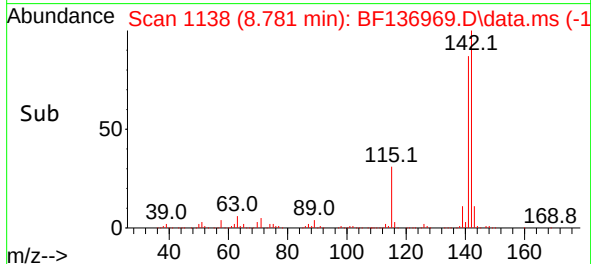
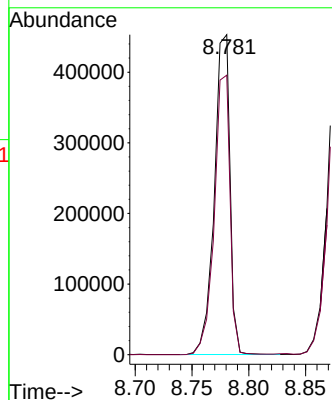
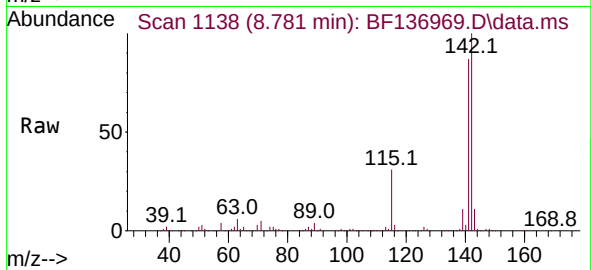
#37
2-Methylnaphthalene
Concen: 37.843 ng
RT: 8.781 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Instrument :
BNA_F
ClientSampleId :
PB158239BS

Tgt Ion:142 Resp: 434082
Ion Ratio Lower Upper
142 100
141 87.4 71.1 106.7

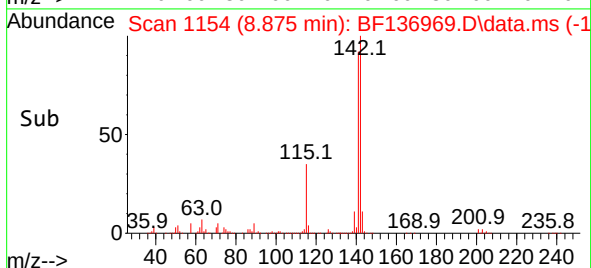
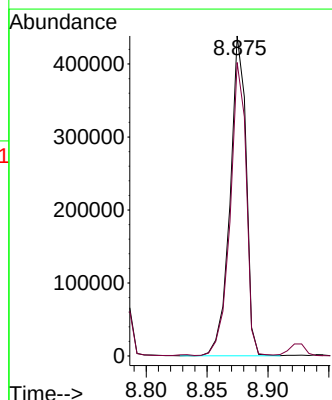
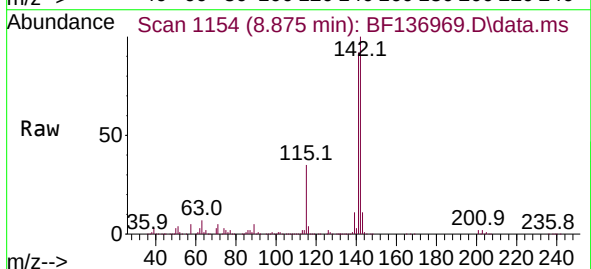
Manual Integrations
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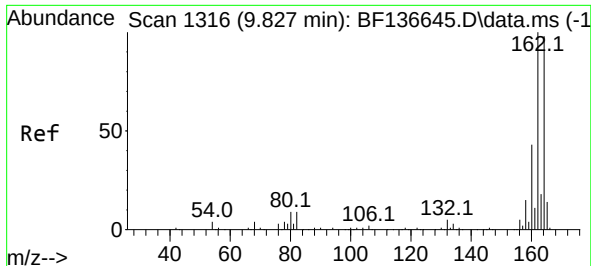
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#38
1-Methylnaphthalene
Concen: 35.622 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Tgt Ion:142 Resp: 400879
Ion Ratio Lower Upper
142 100
141 91.7 73.6 110.4





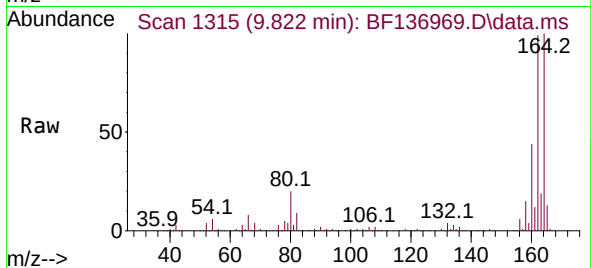
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

ClientSampleId :

PB158239BS



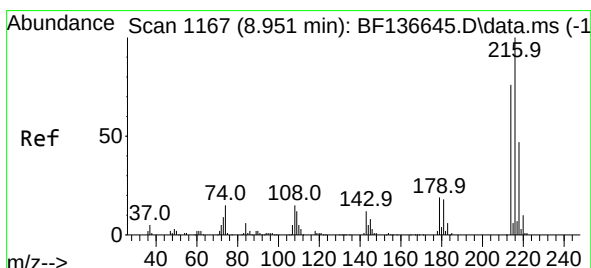
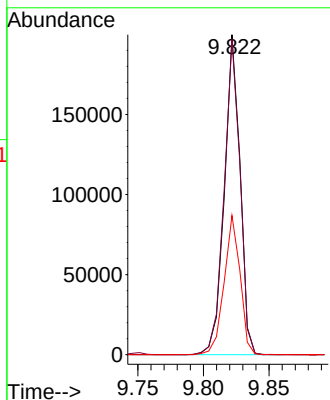
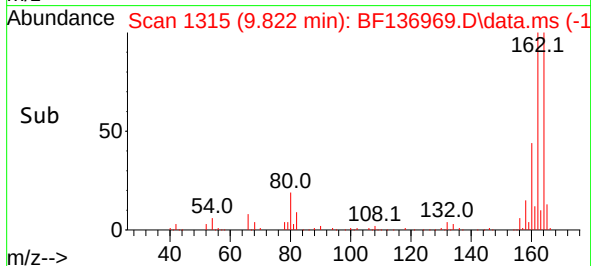
Tgt Ion:164 Resp: 16539
Ion Ratio Lower Upper
164 100
162 98.5 81.6 122.4
160 43.5 34.9 52.3

Manual Integrations

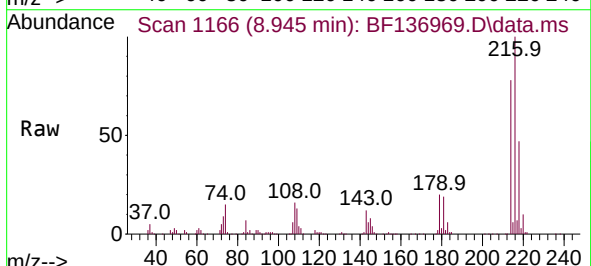
APPROVED

Reviewed By :Yogesh Patel 01/06/2024

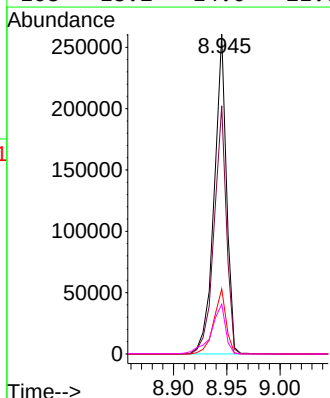
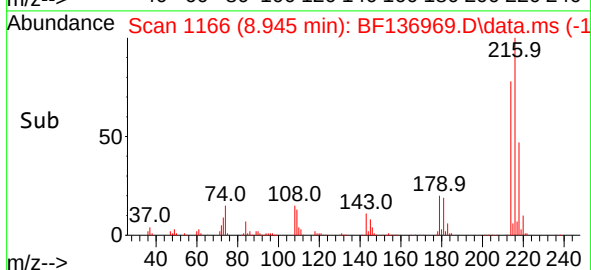
Supervised By :mohammad ahmed 01/06/2024

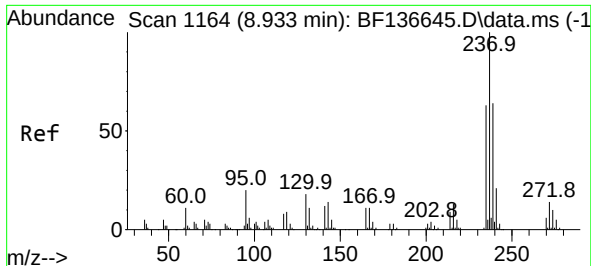


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.712 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18



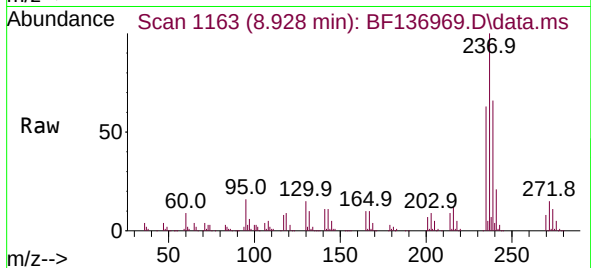
Tgt Ion:216 Resp: 208533
Ion Ratio Lower Upper
216 100
214 77.9 62.3 93.5
179 20.2 16.4 24.6
108 18.2 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 82.315 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

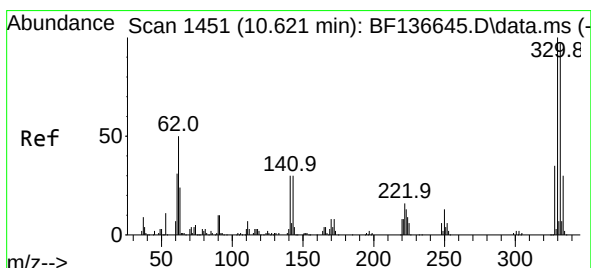
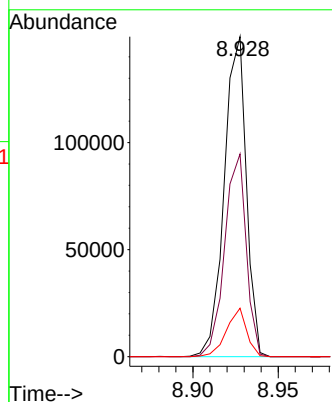
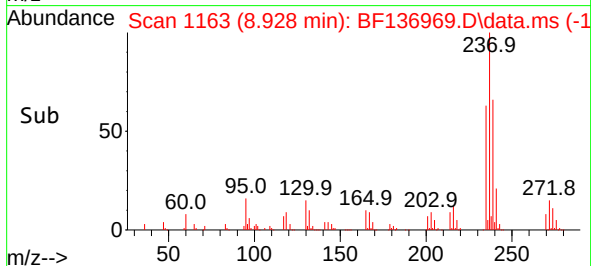
Instrument :
BNA_F
ClientSampleId :
PB158239BS



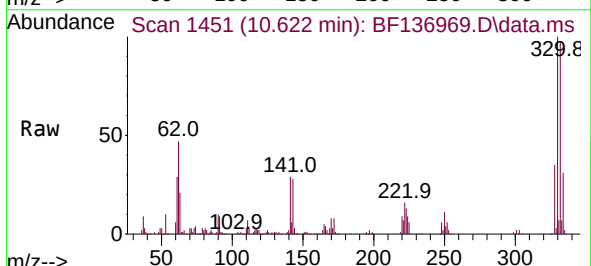
Tgt Ion:237 Resp: 134680
Ion Ratio Lower Upper
237 100
235 63.4 43.2 83.2
272 15.2 0.0 34.2

Manual Integrations
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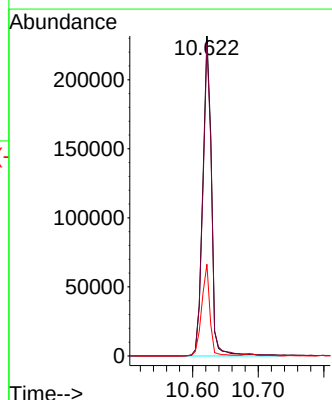
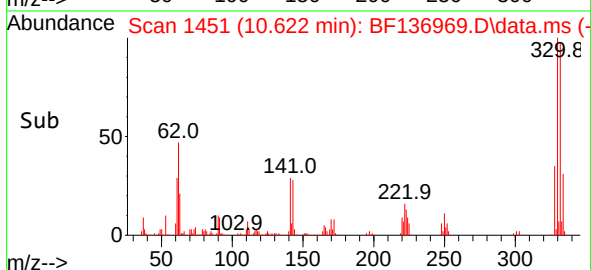
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

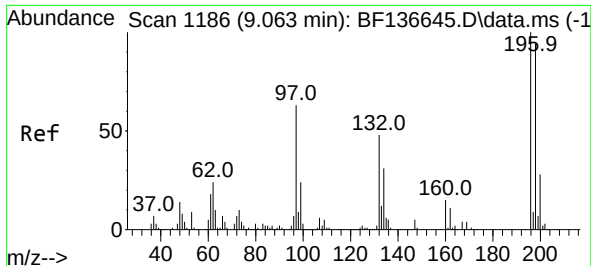


#42
2,4,6-Tribromophenol
Concen: 110.117 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18



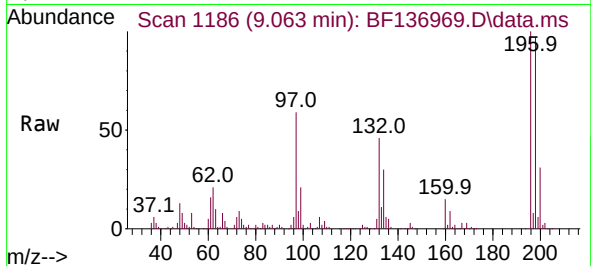
Tgt Ion:330 Resp: 214493
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 27.0 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 39.546 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

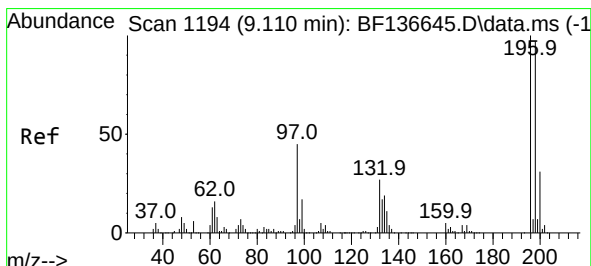
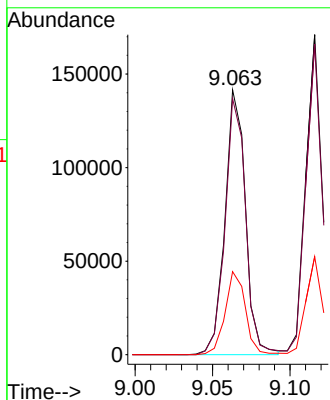
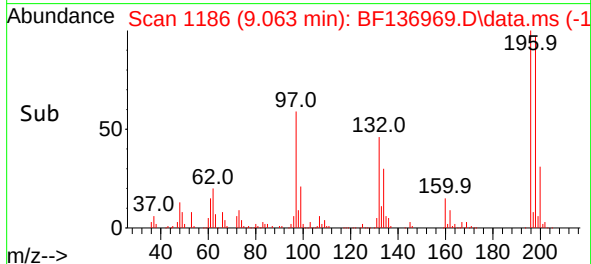
Instrument :
BNA_F
ClientSampleId :
PB158239BS



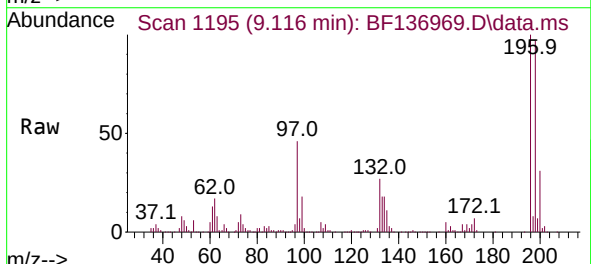
Tgt Ion:196 Resp: 129908
Ion Ratio Lower Upper
196 100
198 96.7 75.1 112.7
200 31.4 22.5 33.7

Manual Integrations
APPROVED

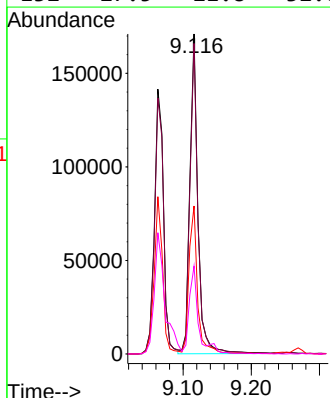
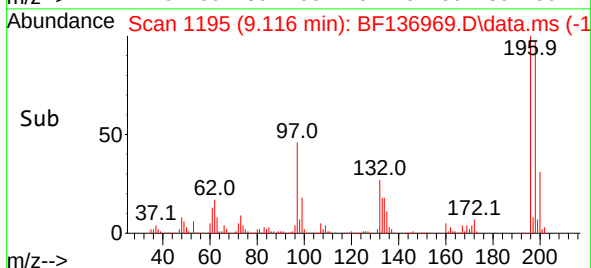
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

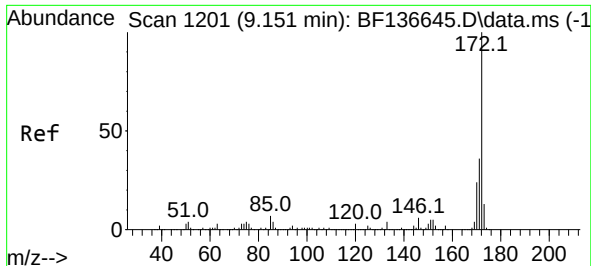


#44
2,4,5-Trichlorophenol
Concen: 38.111 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18



Tgt Ion:196 Resp: 139509
Ion Ratio Lower Upper
196 100
198 97.0 77.0 115.6
97 46.2 36.1 54.1
132 27.5 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 74.593 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136969.D

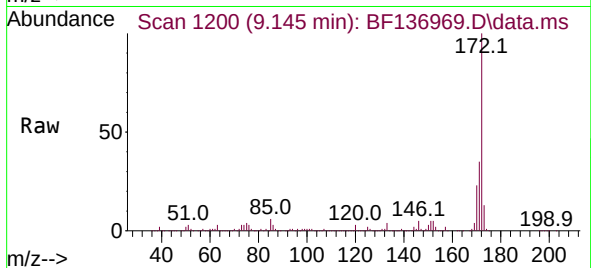
Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

ClientSampleId :

PB158239BS



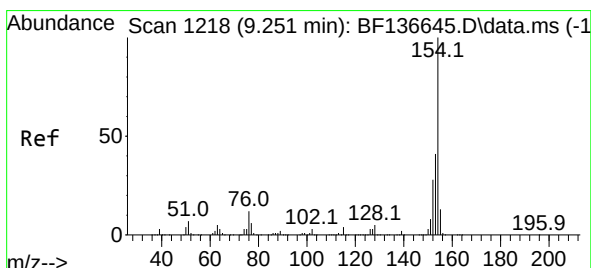
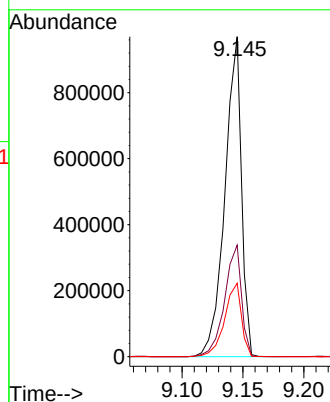
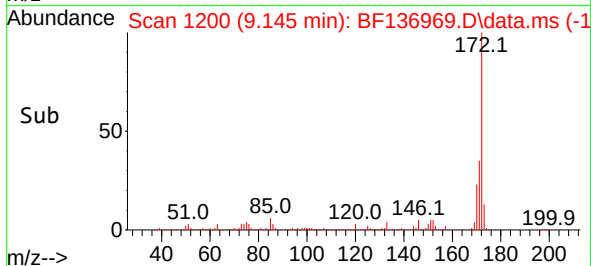
Tgt Ion:	172	Resp:	917274
Ion Ratio	Lower	Upper	
172	100		
171	34.8	29.0	43.6
170	23.0	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#46

1,1'-Biphenyl

Concen: 39.715 ng

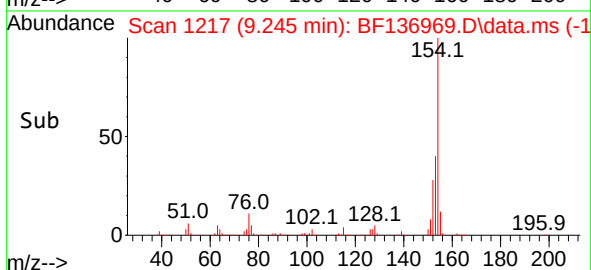
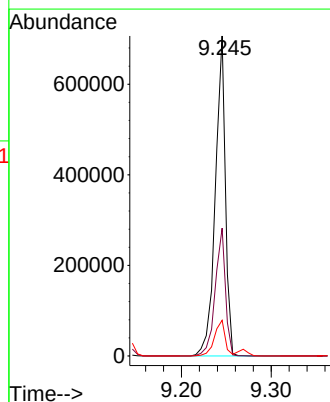
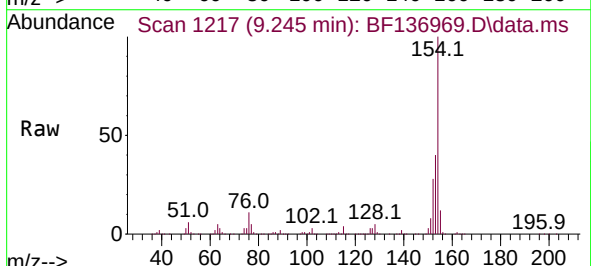
RT: 9.245 min Scan# 1217

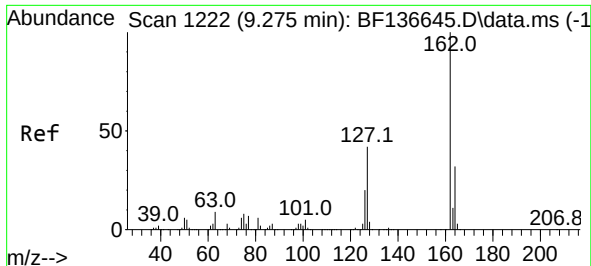
Delta R.T. -0.006 min

Lab File: BF136969.D

Acq: 05 Jan 2024 11:18

Tgt Ion:	154	Resp:	551201
Ion Ratio	Lower	Upper	
154	100		
153	40.0	21.1	61.1
76	11.2	0.0	31.7





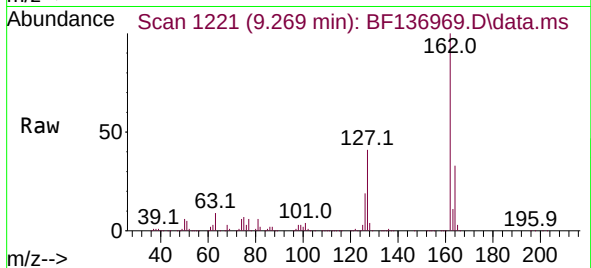
#47
2-Chloronaphthalene
Concen: 38.487 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

ClientSampleId :

PB158239BS

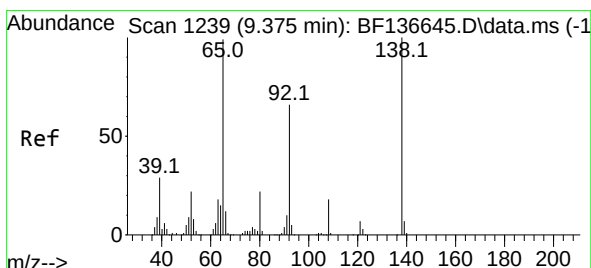
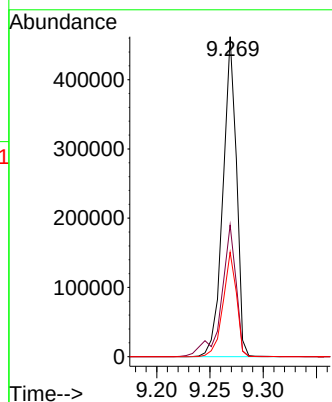
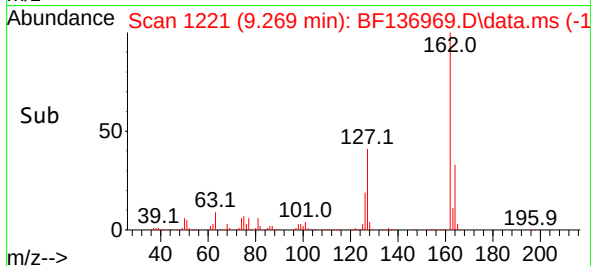


Tgt Ion:162 Resp: 406080
Ion Ratio Lower Upper
162 100
127 41.2 33.6 50.4
164 32.7 25.7 38.5

Manual Integrations

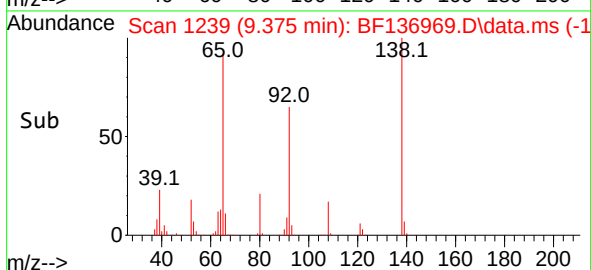
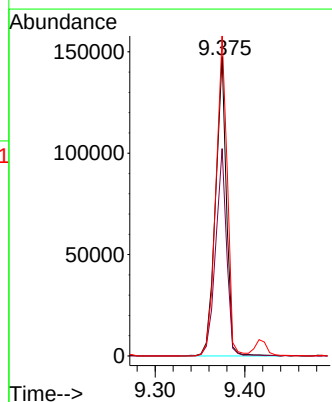
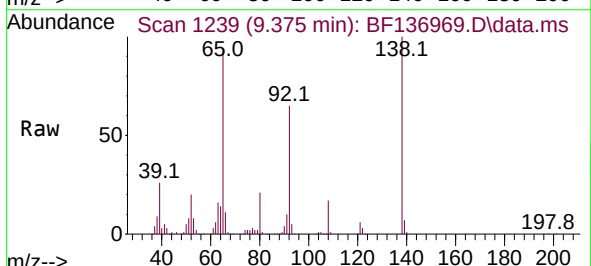
APPROVED

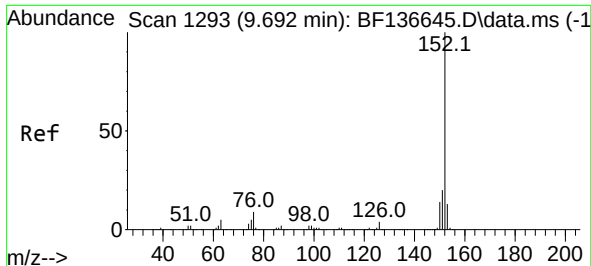
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#48
2-Nitroaniline
Concen: 37.758 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Tgt Ion: 65 Resp: 124754
Ion Ratio Lower Upper
65 100
92 69.3 53.2 79.8
138 106.8 81.1 121.7





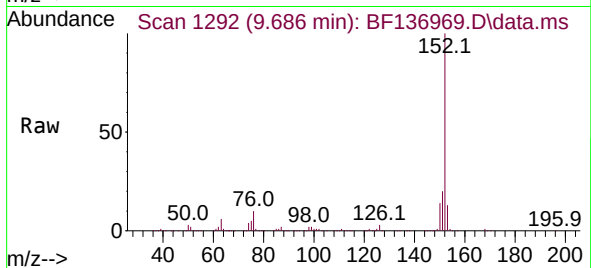
#49
Acenaphthylene
Concen: 39.558 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

ClientSampleId :

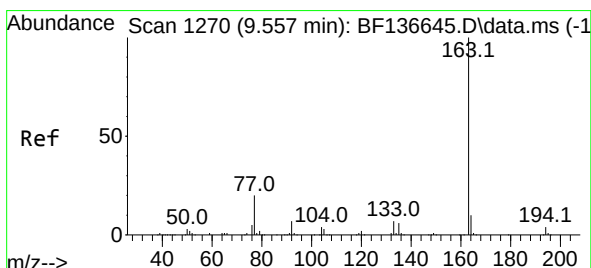
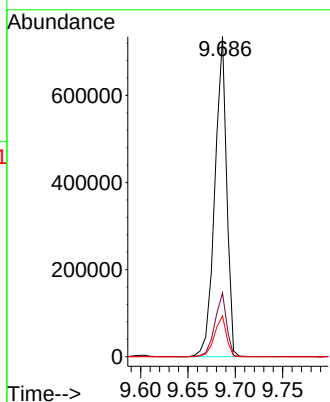
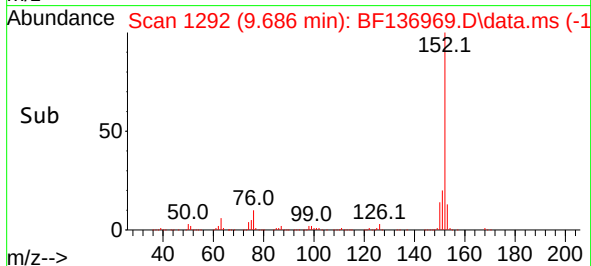
PB158239BS



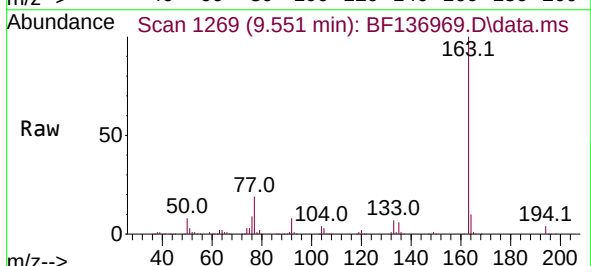
Tgt Ion:152 Resp: 63795
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 12.7 10.2 15.2

Manual Integrations
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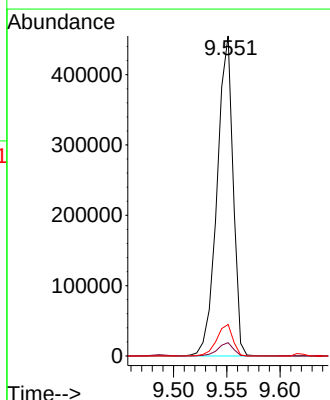
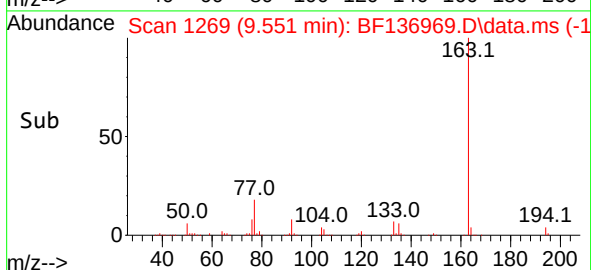
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

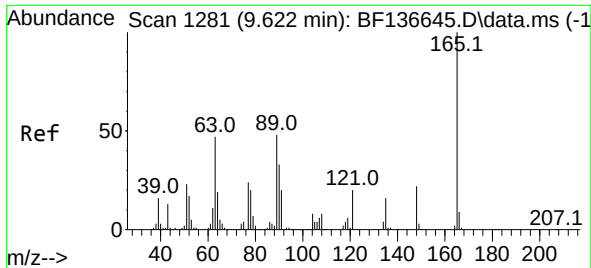


#50
Dimethylphthalate
Concen: 39.222 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18



Tgt Ion:163 Resp: 473833
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.8 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 37.512 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

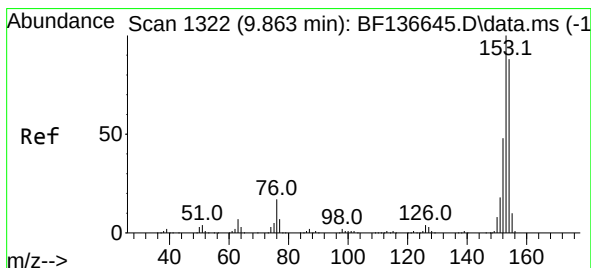
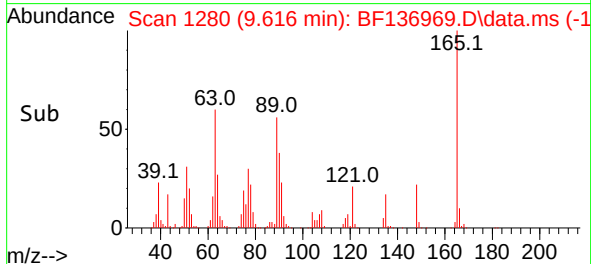
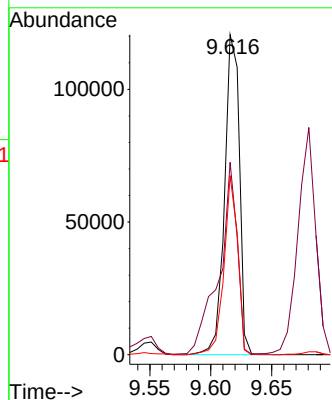
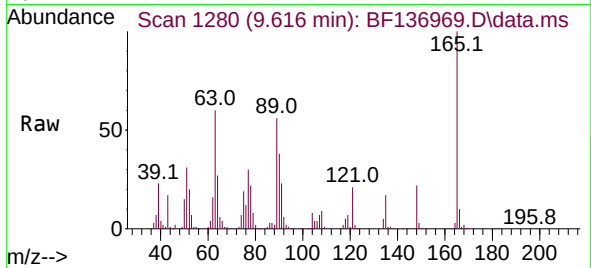
ClientSampleId :

PB158239BS

Tgt Ion:165 Resp: 102849
Ion Ratio Lower Upper
165 100
63 60.1 39.8 59.6
89 56.0 38.8 58.2

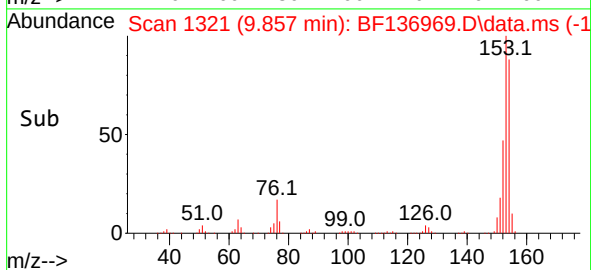
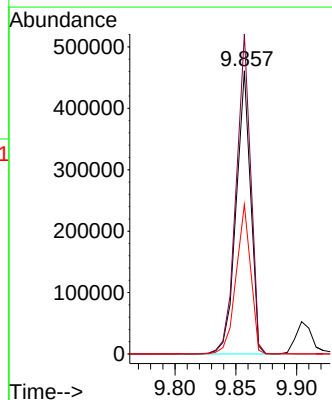
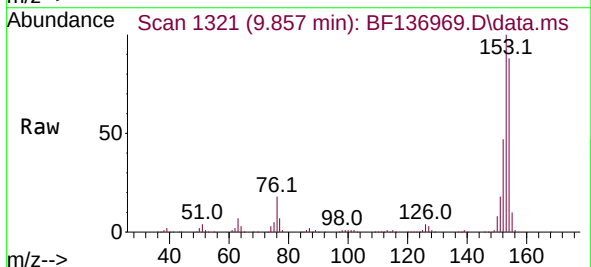
Manual Integrations
APPROVED

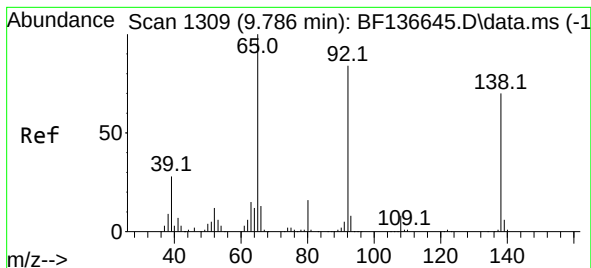
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#52
Acenaphthene
Concen: 38.330 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Tgt Ion:154 Resp: 383176
Ion Ratio Lower Upper
154 100
153 113.0 90.7 136.1
152 52.8 43.7 65.5





#53

3-Nitroaniline

Concen: 28.306 ng

RT: 9.786 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF136969.D

Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

ClientSampleId :

PB158239BS

Tgt Ion:138 Resp: 8221

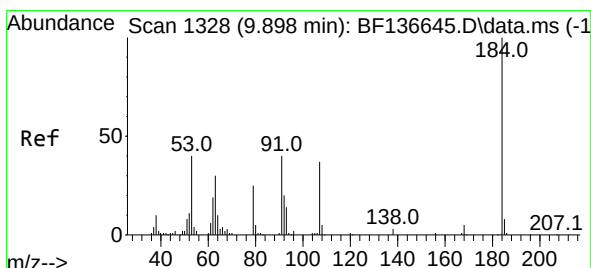
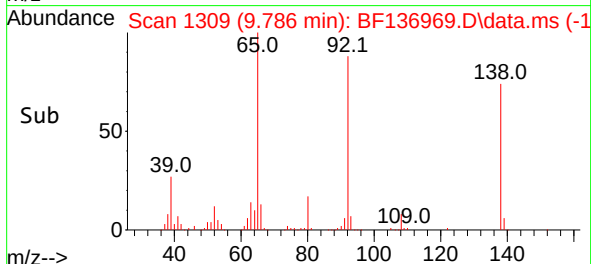
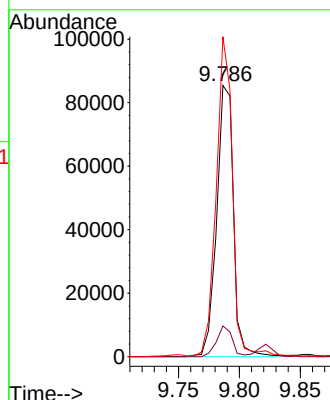
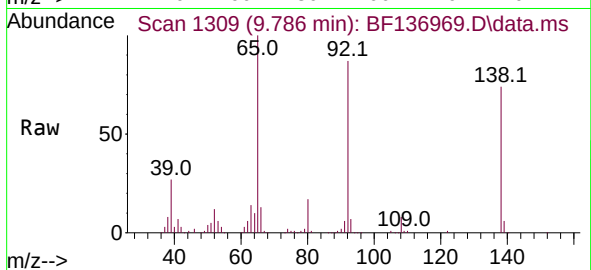
Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.6	12.8
92	118.0	95.2	142.8

Manual Integrations

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Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#54

2,4-Dinitrophenol

Concen: 61.706 ng

RT: 9.904 min Scan# 1329

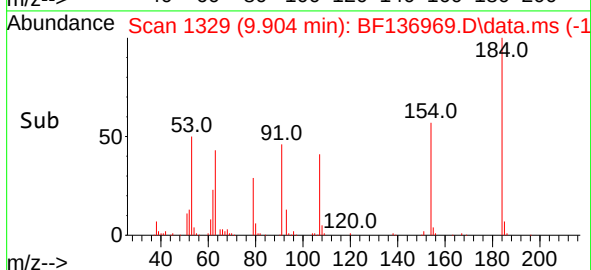
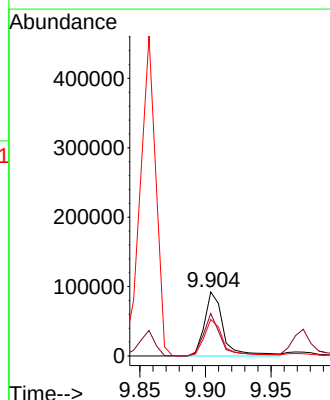
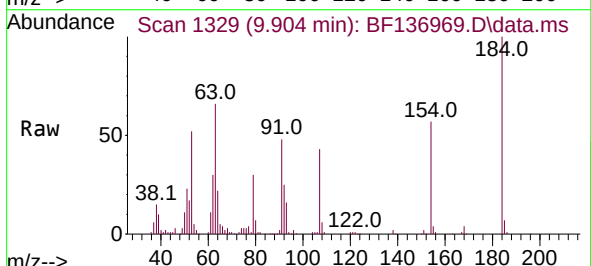
Delta R.T. 0.006 min

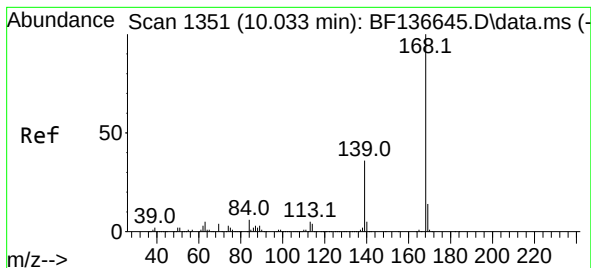
Lab File: BF136969.D

Acq: 05 Jan 2024 11:18

Tgt Ion:184 Resp: 92403

Ion	Ratio	Lower	Upper
184	100		
63	66.3	40.9	61.3
154	56.9	42.7	64.1





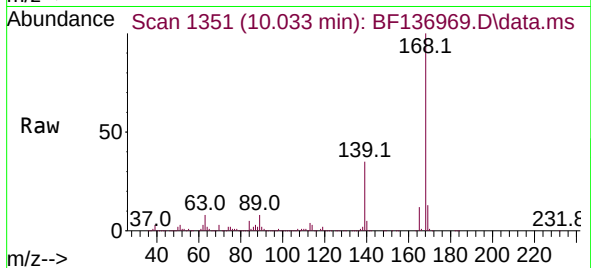
#55
Dibenzofuran
Concen: 38.031 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

ClientSampleId :

PB158239BS



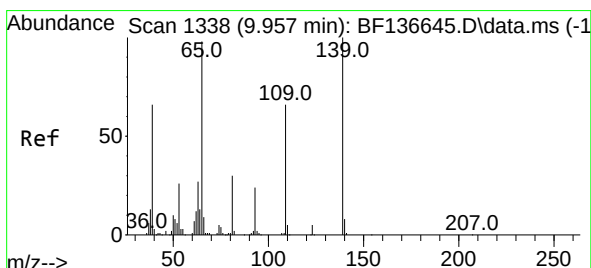
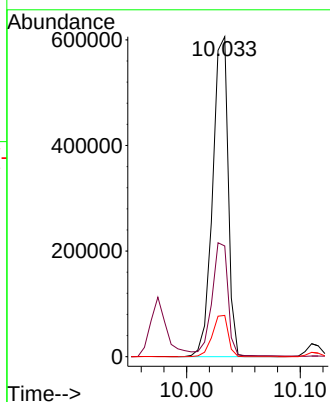
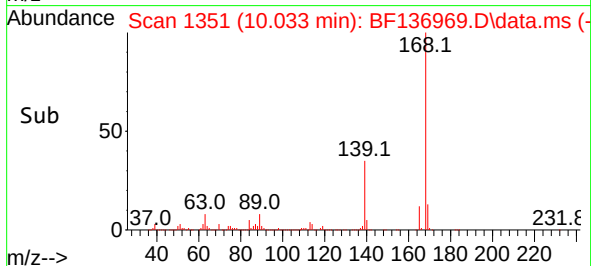
Tgt Ion:168 Resp: 576310
Ion Ratio Lower Upper
168 100
139 34.6 29.3 43.9
169 12.9 11.0 16.4

Manual Integrations

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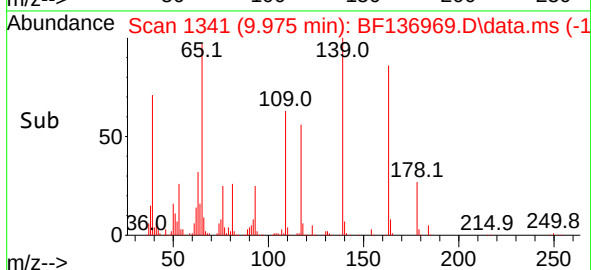
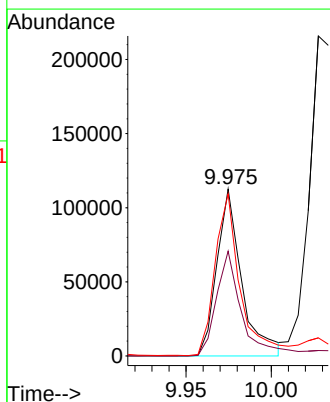
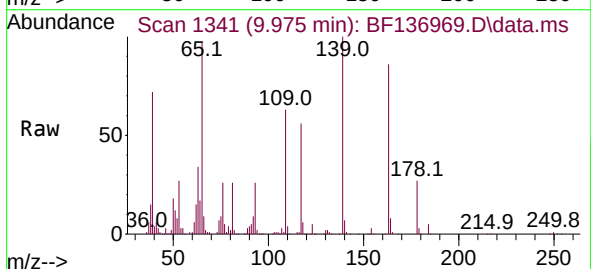
Reviewed By :Yogesh Patel 01/06/2024

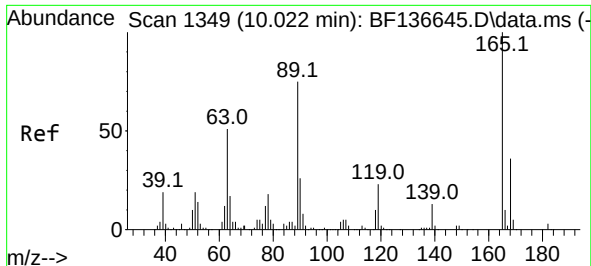
Supervised By :mohammad ahmed 01/06/2024



#56
4-Nitrophenol
Concen: 58.273 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Tgt Ion:139 Resp: 114250
Ion Ratio Lower Upper
139 100
109 62.8 45.8 85.8
65 97.1 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 35.146 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

ClientSampleId :

PB158239BS

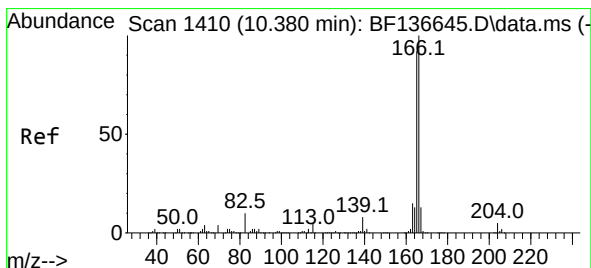
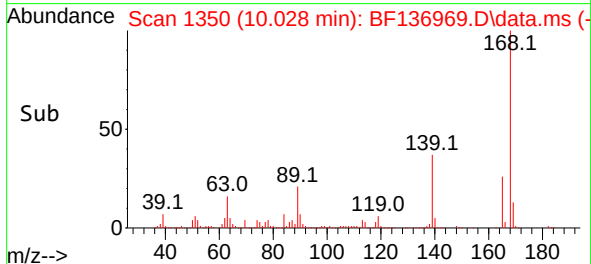
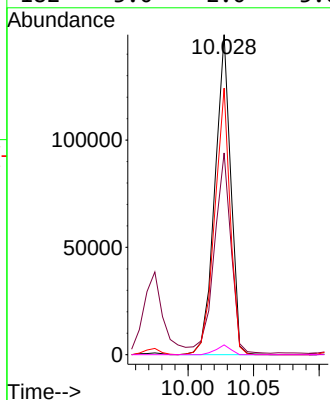
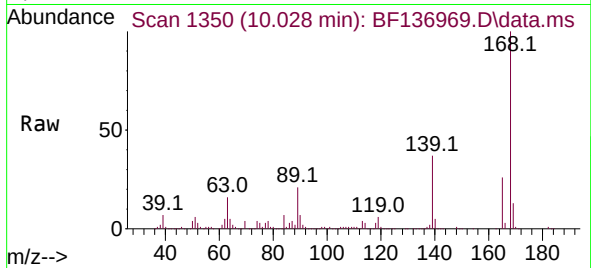
Tgt Ion:165 Resp: 125090
Ion Ratio Lower Upper
165 100
63 63.1 41.0 61.6
89 83.3 59.9 89.9
182 3.0 2.0 3.0#

Manual Integrations

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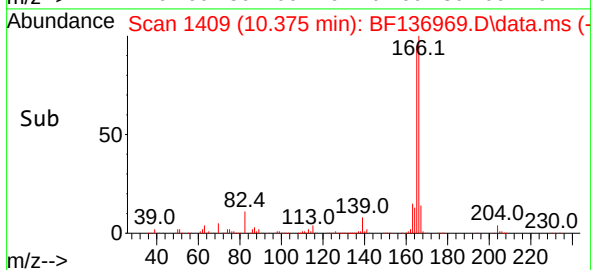
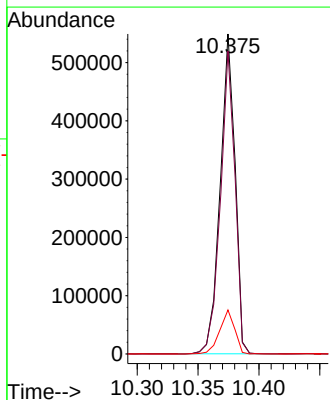
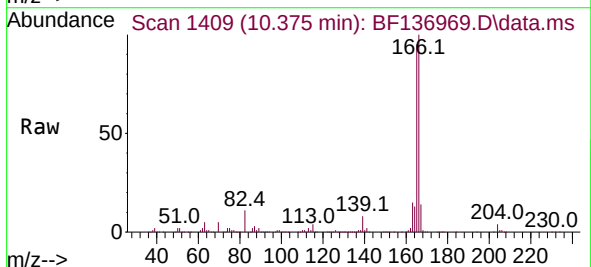
Reviewed By :Yogesh Patel 01/06/2024

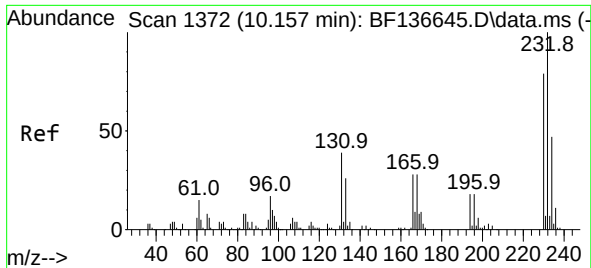
Supervised By :mohammad ahmed 01/06/2024



#58
Fluorene
Concen: 38.803 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

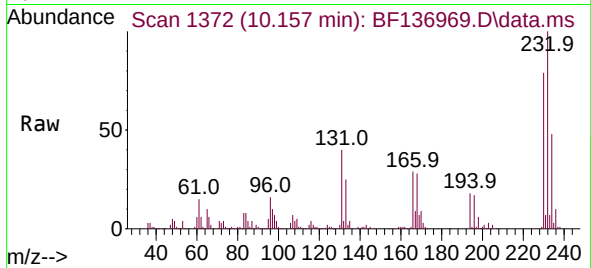
Tgt Ion:166 Resp: 466569
Ion Ratio Lower Upper
166 100
165 94.6 73.7 110.5
167 13.8 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.527 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

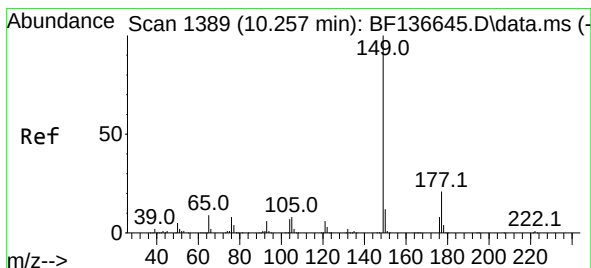
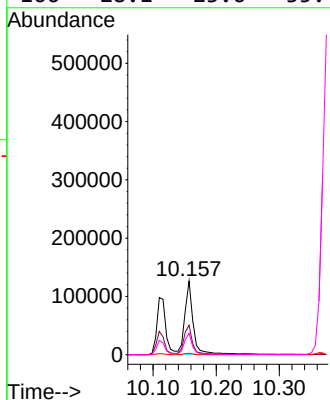
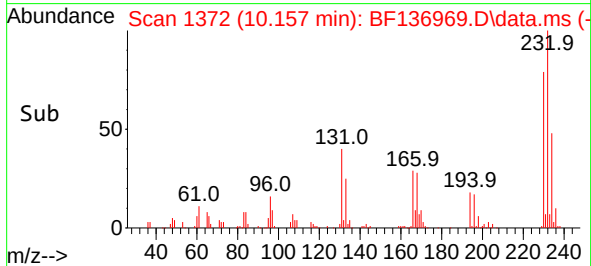
Instrument :
BNA_F
ClientSampleId :
PB158239BS



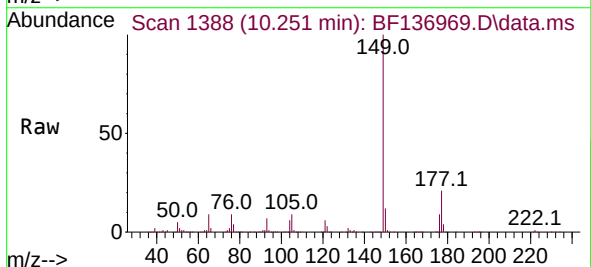
Tgt Ion:232 Resp: 11701
Ion Ratio Lower Upper
232 100
131 39.9 35.1 52.7
130 1.9 1.6 2.4
166 28.1 23.6 35.4

Manual Integrations
APPROVED

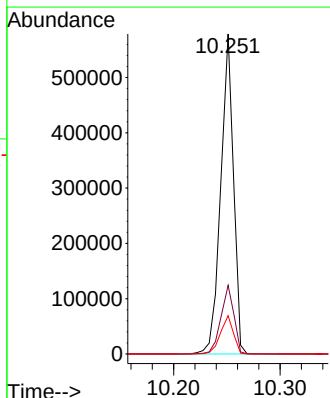
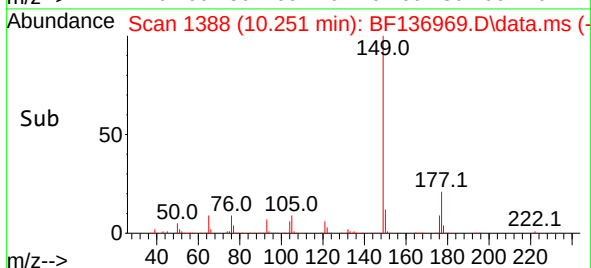
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

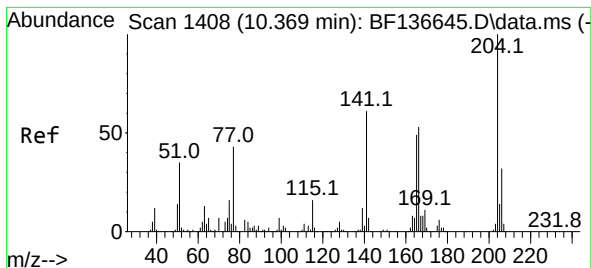


#60
Diethylphthalate
Concen: 38.251 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18



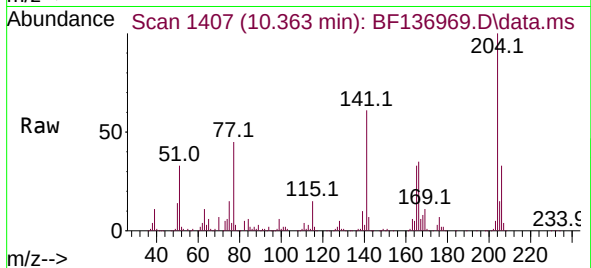
Tgt Ion:149 Resp: 479455
Ion Ratio Lower Upper
149 100
177 21.5 16.9 25.3
150 12.0 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 38.279 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

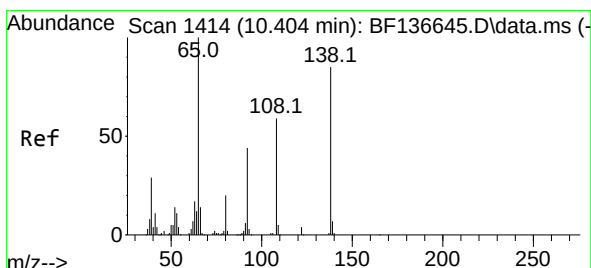
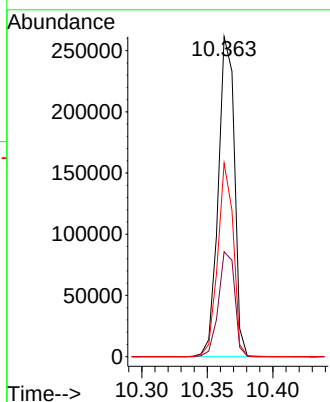
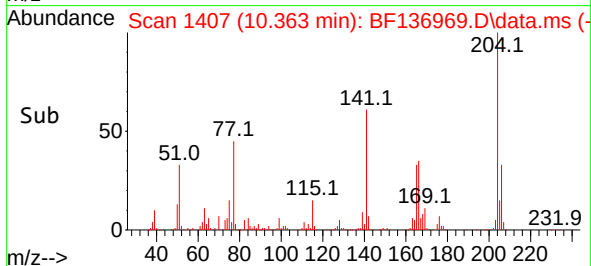
Instrument :
BNA_F
ClientSampleId :
PB158239BS



Tgt Ion:204 Resp: 22372
Ion Ratio Lower Upper
204 100
206 32.8 25.6 38.4
141 60.5 48.4 72.6

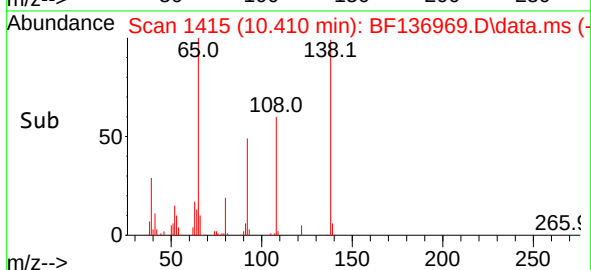
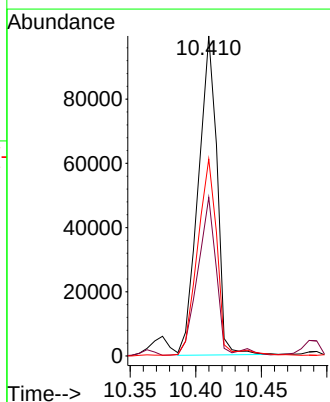
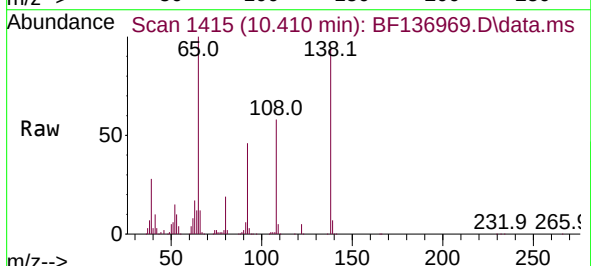
Manual Integrations
APPROVED

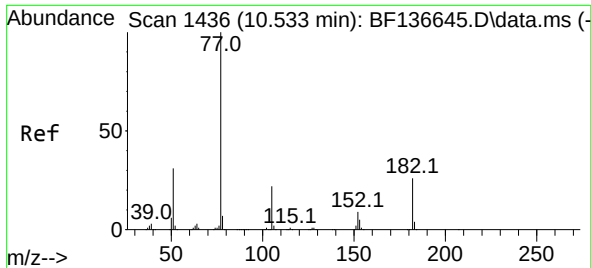
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#62
4-Nitroaniline
Concen: 35.367 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

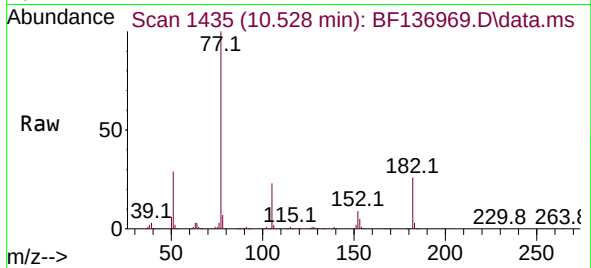
Tgt Ion:138 Resp: 99022
Ion Ratio Lower Upper
138 100
92 49.5 32.1 72.1
108 61.6 50.1 90.1





#63
Azobenzene
Concen: 37.450 ng
RT: 10.528 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

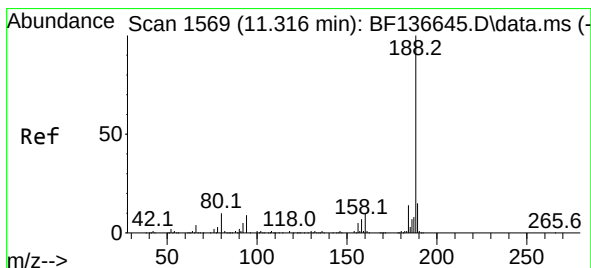
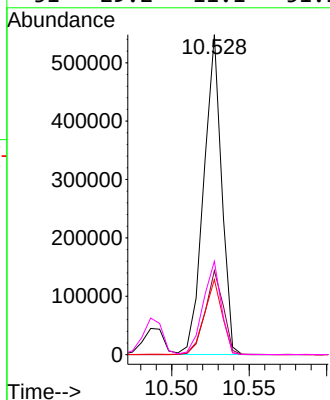
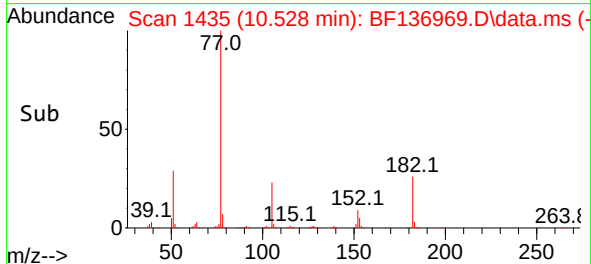
Instrument :
BNA_F
ClientSampleId :
PB158239BS



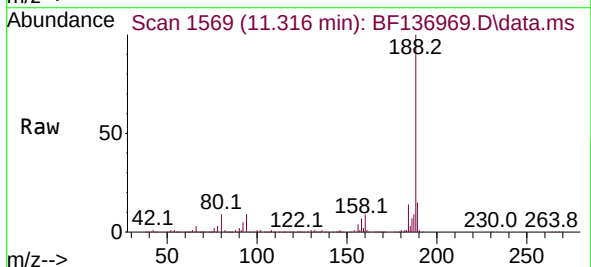
Tgt Ion: 77 Resp: 43844
Ion Ratio Lower Upper
77 100
182 26.2 6.0 46.0
105 23.5 2.3 42.3
51 29.2 11.1 51.1

Manual Integrations
APPROVED

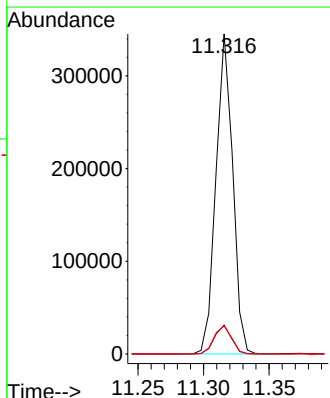
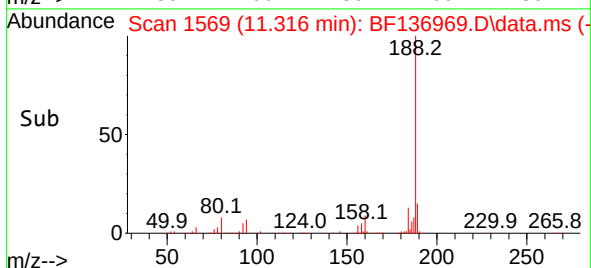
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

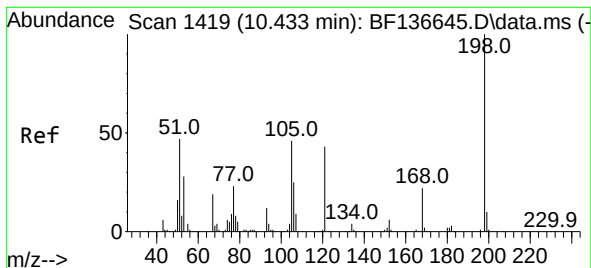


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18



Tgt Ion:188 Resp: 306130
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 8.8 8.1 12.1





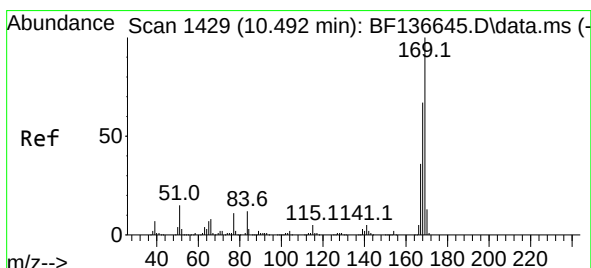
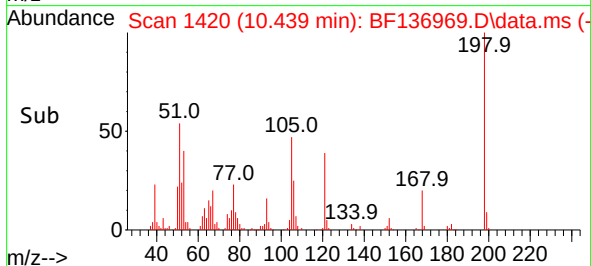
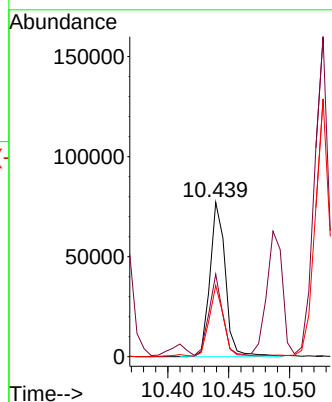
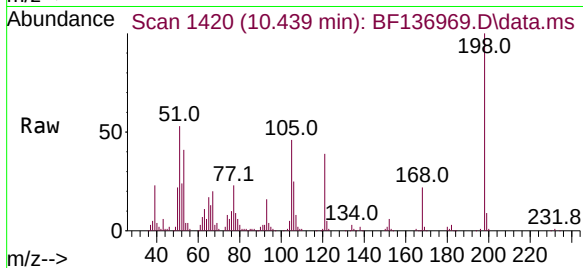
#65
4,6-Dinitro-2-methylphenol
Concen: 38.770 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Instrument :
BNA_F
ClientSampleId :
PB158239BS

Tgt Ion:198 Resp: 68019
Ion Ratio Lower Upper
198 100
51 53.4 34.1 74.1
105 46.1 27.3 67.3

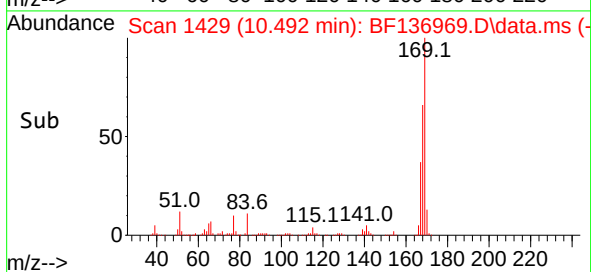
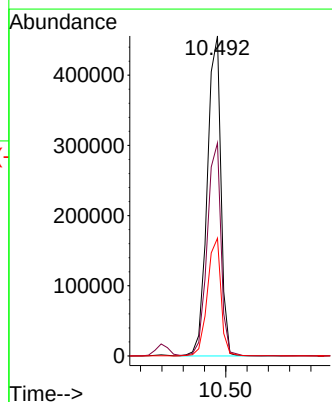
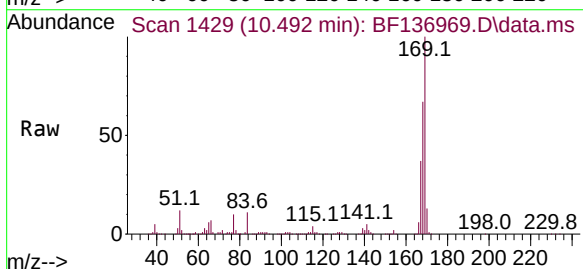
Manual Integrations
APPROVED

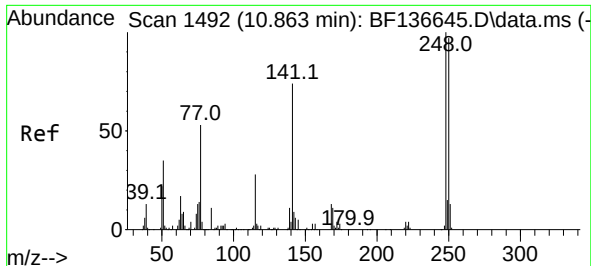
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#66
n-Nitrosodiphenylamine
Concen: 40.995 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Tgt Ion:169 Resp: 407674
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.6
167 36.8 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 40.536 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

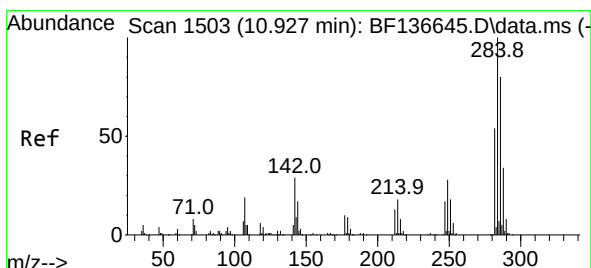
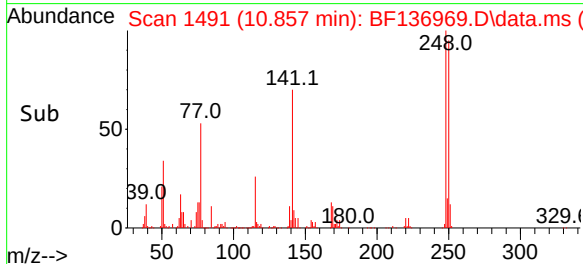
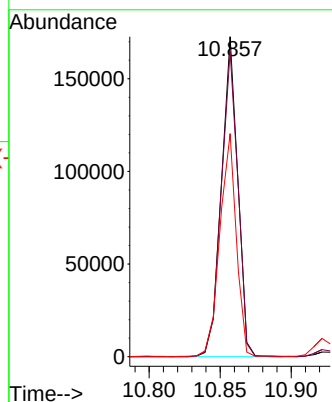
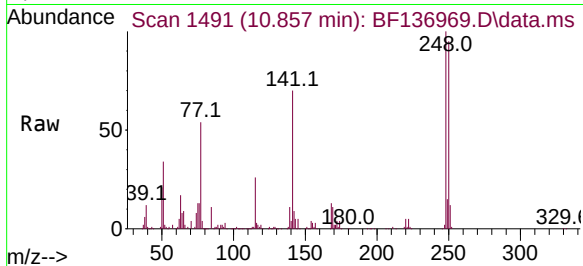
ClientSampleId :

PB158239BS

Tgt Ion:248 Resp: 137814
Ion Ratio Lower Upper
248 100
250 95.4 77.8 116.6
141 69.7 59.2 88.8

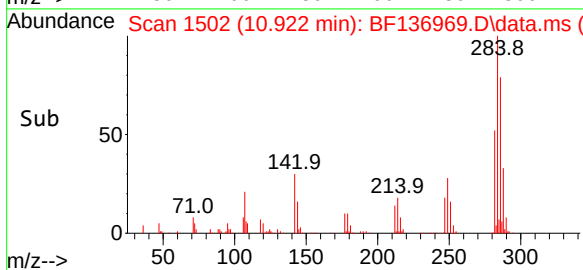
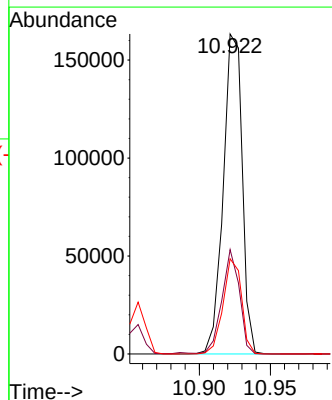
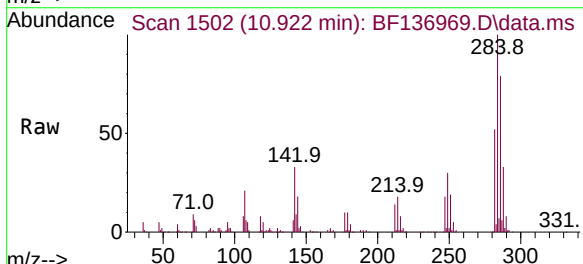
Manual Integrations
APPROVED

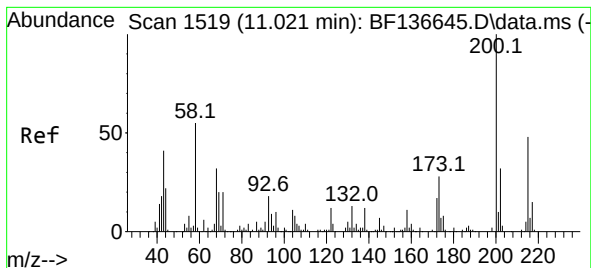
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#68
Hexachlorobenzene
Concen: 40.001 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Tgt Ion:284 Resp: 151555
Ion Ratio Lower Upper
284 100
142 32.6 23.4 35.0
249 29.7 22.3 33.5





#69

Atrazine

Concen: 71.499 ng

RT: 11.027 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136969.D

Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

ClientSampleId :

PB158239BS

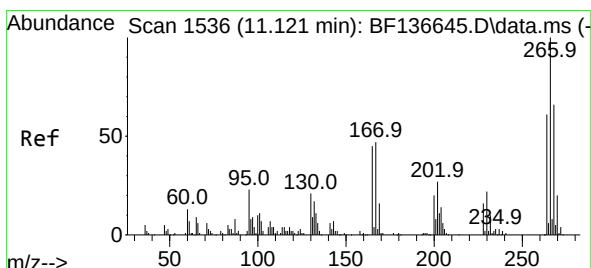
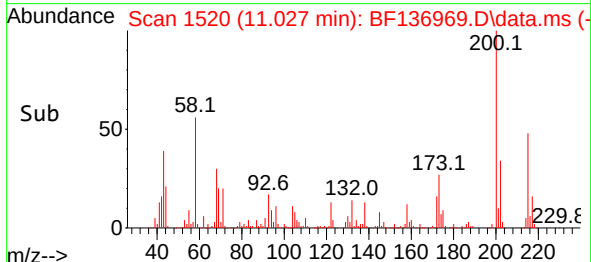
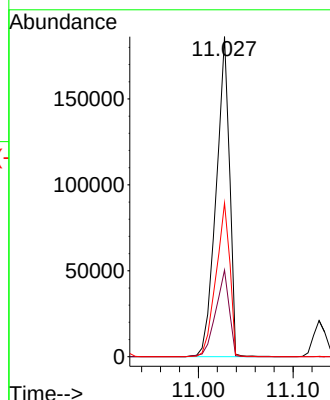
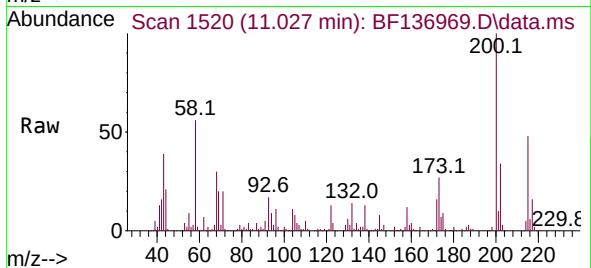
Tgt Ion:200 Resp: 18185
Ion Ratio Lower Upper
200 100
173 27.1 7.6 47.6
215 48.0 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#70

Pentachlorophenol

Concen: 72.472 ng

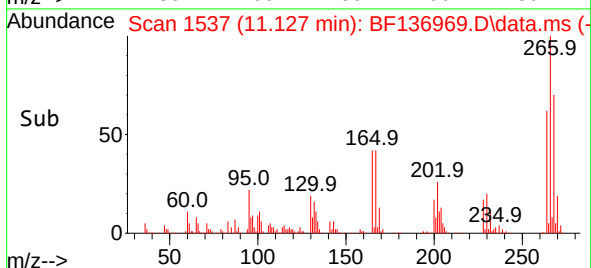
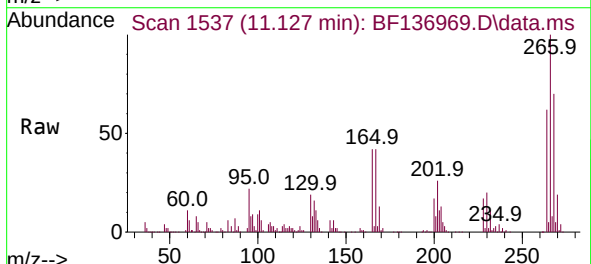
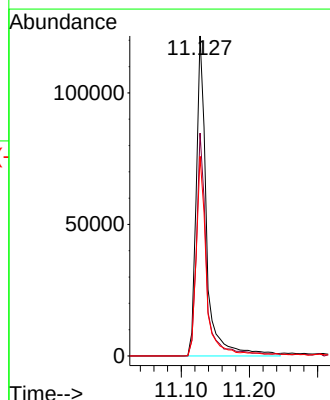
RT: 11.127 min Scan# 1537

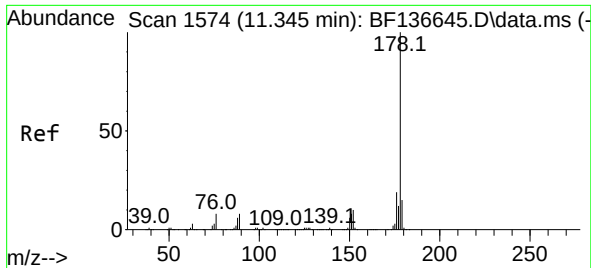
Delta R.T. 0.006 min

Lab File: BF136969.D

Acq: 05 Jan 2024 11:18

Tgt Ion:266 Resp: 127985
Ion Ratio Lower Upper
266 100
268 69.7 52.6 78.8
264 62.4 49.0 73.4





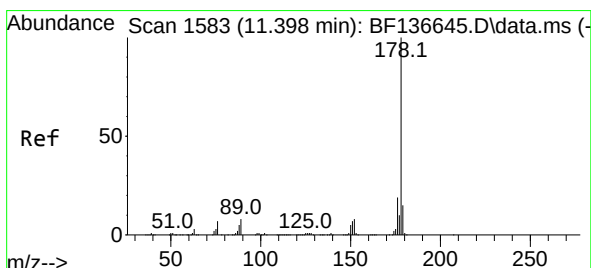
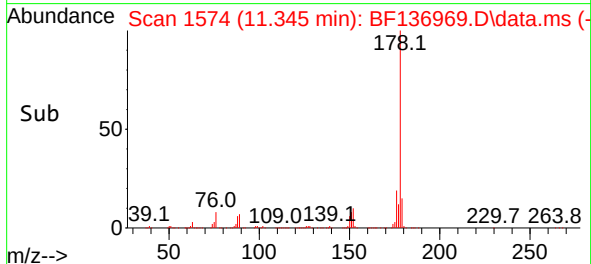
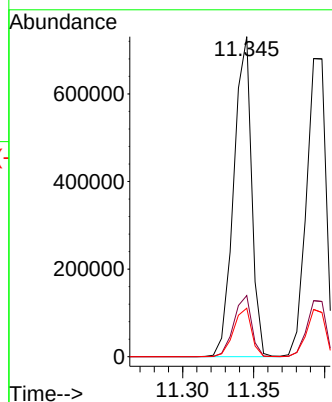
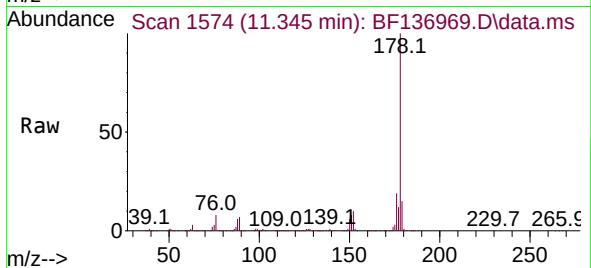
#71
Phenanthrene
Concen: 40.700 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Instrument :
BNA_F
ClientSampleId :
PB158239BS

Tgt Ion:178 Resp: 639308
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.2 11.9 17.9

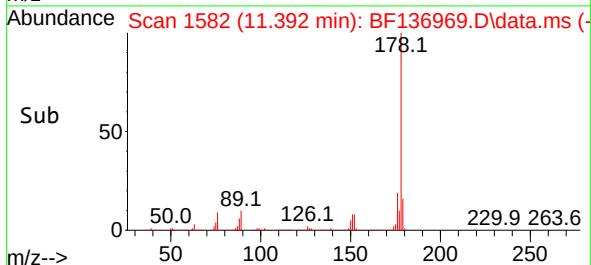
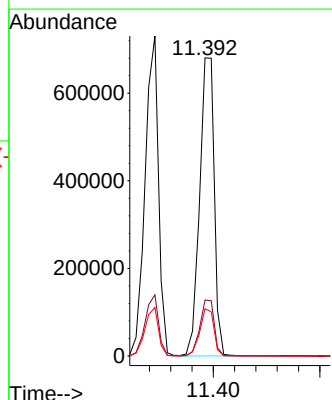
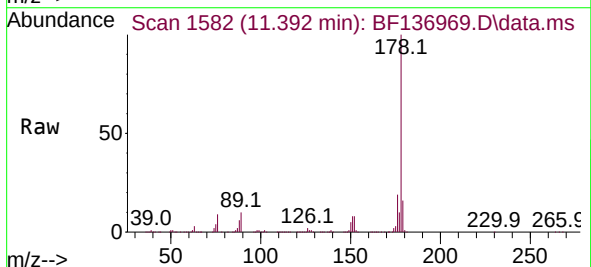
Manual Integrations
APPROVED

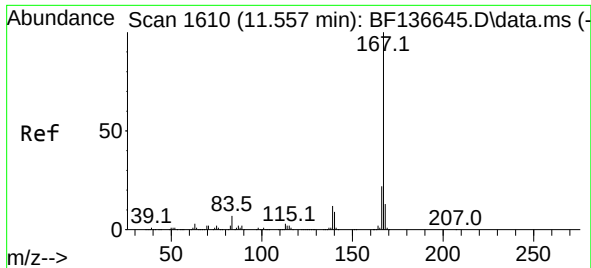
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#72
Anthracene
Concen: 40.923 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

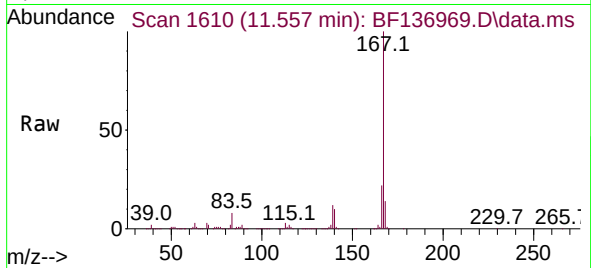
Tgt Ion:178 Resp: 650999
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.9 11.8 17.6





#73
 Carbazole
 Concen: 38.303 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF136969.D
 Acq: 05 Jan 2024 11:18

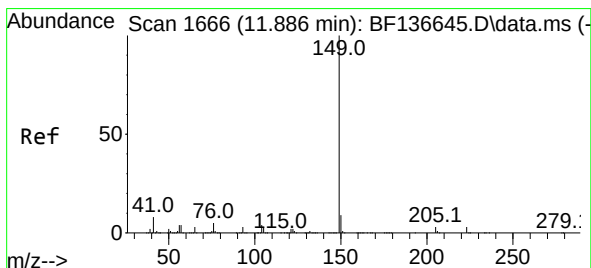
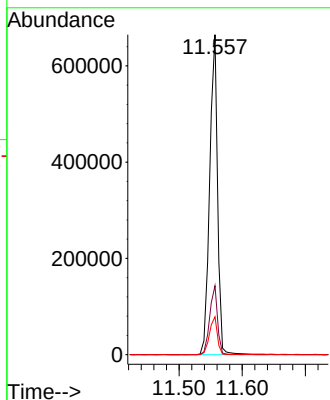
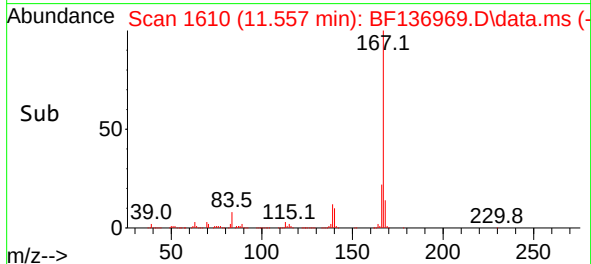
Instrument :
 BNA_F
 ClientSampleId :
 PB158239BS



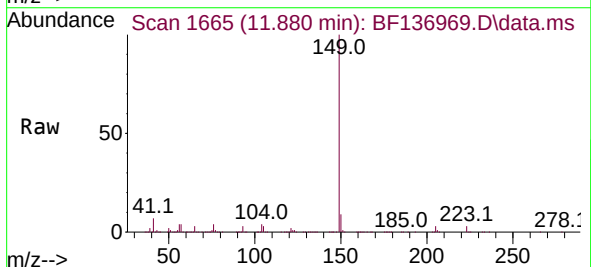
Tgt Ion:167 Resp: 574460
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 11.9 9.8 14.6

Manual Integrations
 APPROVED

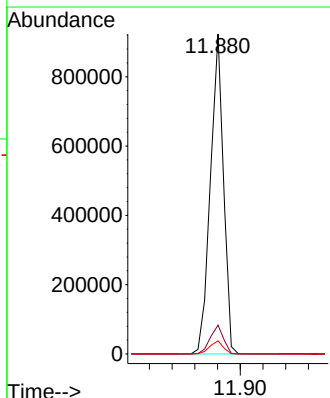
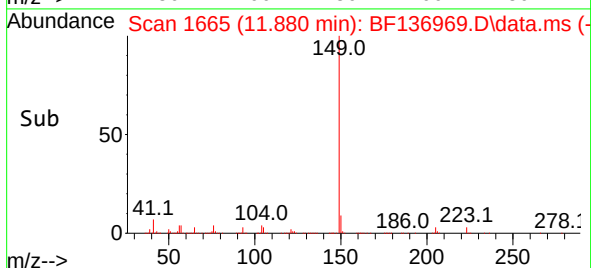
Reviewed By :Yogesh Patel 01/06/2024
 Supervised By :mohammad ahmed 01/06/2024

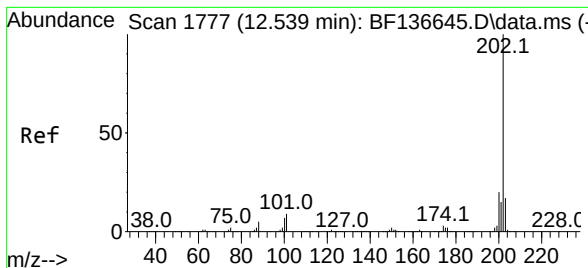


#74
 Di-n-butylphthalate
 Concen: 40.325 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136969.D
 Acq: 05 Jan 2024 11:18



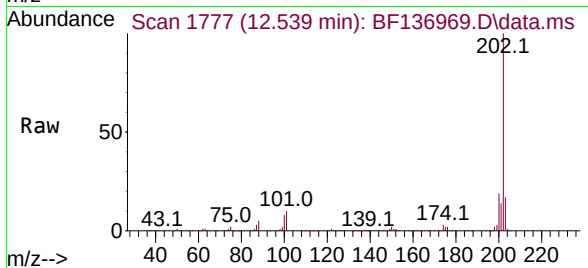
Tgt Ion:149 Resp: 737994
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.1 3.6 5.4





#75
Fluoranthene
Concen: 37.382 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

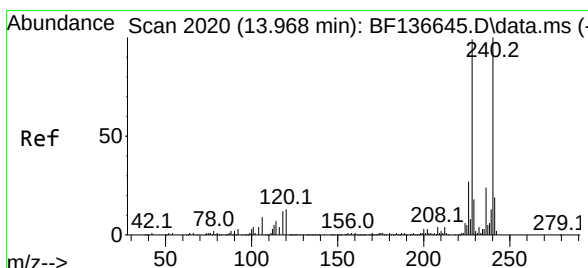
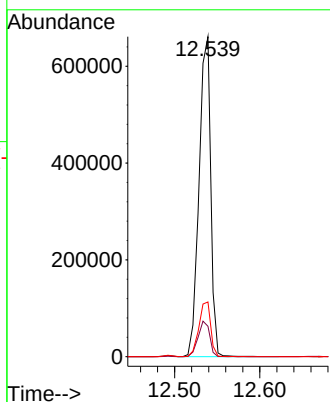
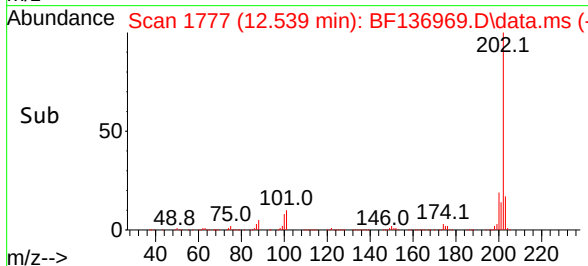
Instrument :
BNA_F
ClientSampleId :
PB158239BS



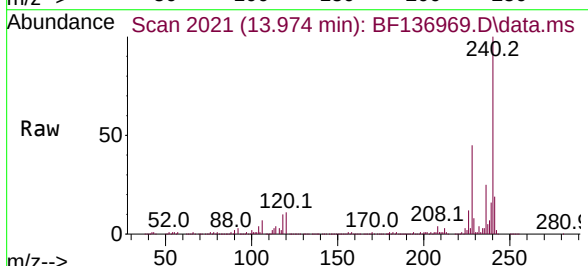
Tgt Ion:202 Resp: 62808
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.3
203 17.1 0.0 37.1

Manual Integrations
APPROVED

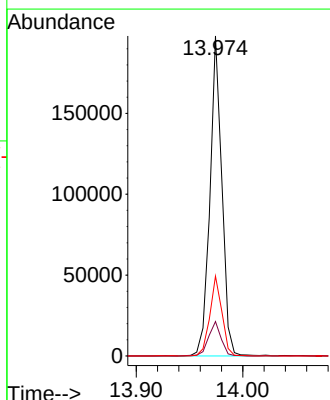
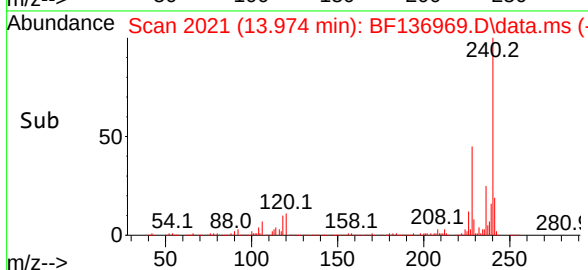
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

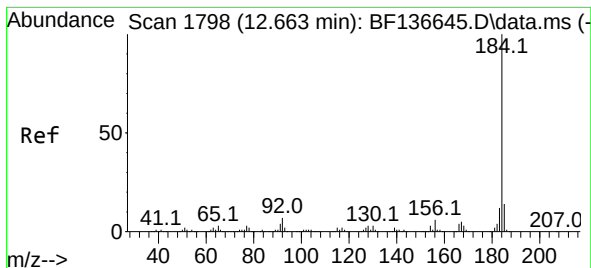


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18



Tgt Ion:240 Resp: 154096
Ion Ratio Lower Upper
240 100
120 10.8 10.3 15.5
236 24.9 19.4 29.2





#77

Benzidine

Concen: 28.145 ng

RT: 12.663 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BF136969.D

Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

ClientSampleId :

PB158239BS

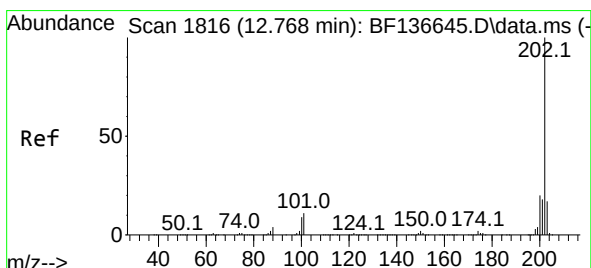
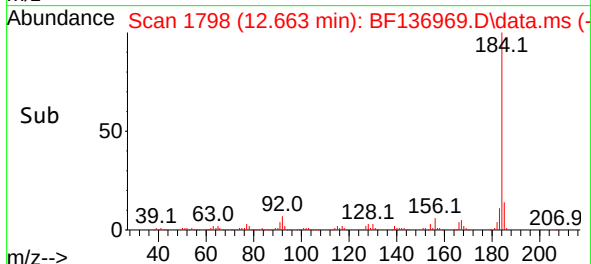
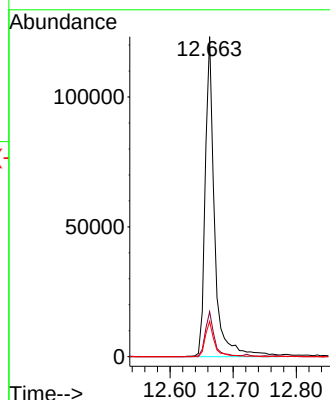
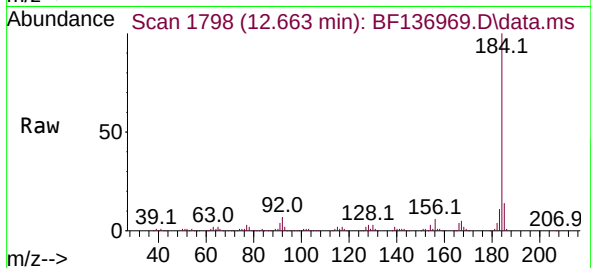
Tgt Ion:184	Resp:	127880
Ion Ratio	Lower	Upper
184	100	
185	14.0	11.2 16.8
183	11.0	9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#78

Pyrene

Concen: 40.780 ng

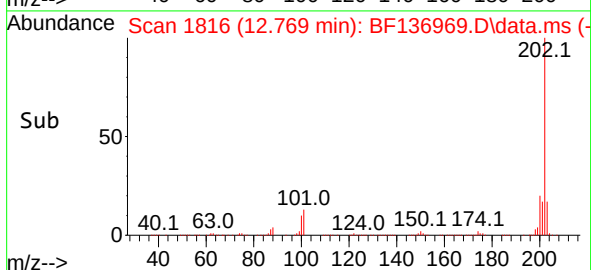
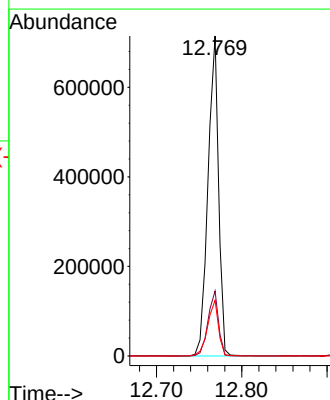
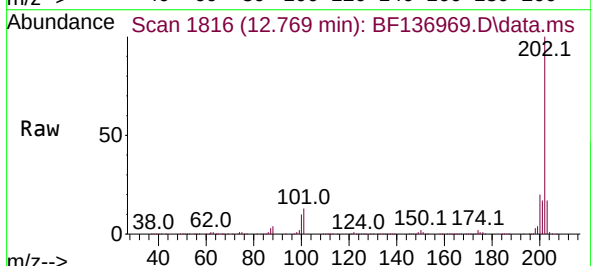
RT: 12.769 min Scan# 1816

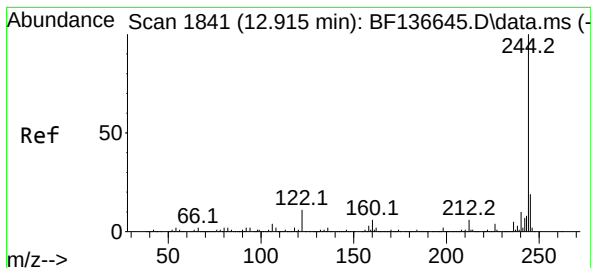
Delta R.T. 0.000 min

Lab File: BF136969.D

Acq: 05 Jan 2024 11:18

Tgt Ion:202	Resp:	616887
Ion Ratio	Lower	Upper
202	100	
200	20.3	15.9 23.9
203	17.4	13.8 20.6





#79

Terphenyl-d14

Concen: 81.558 ng

RT: 12.910 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF136969.D

Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

ClientSampleId :

PB158239BS

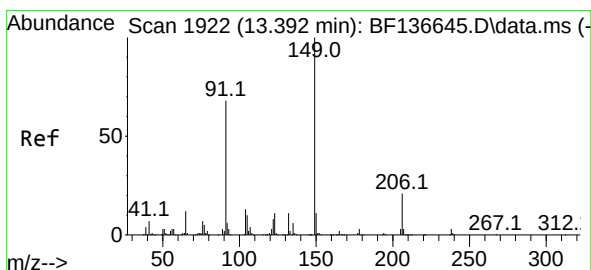
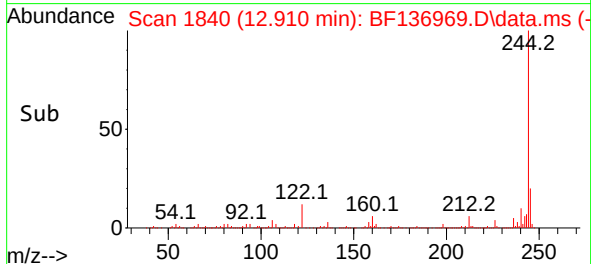
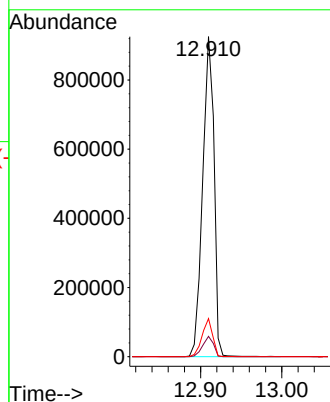
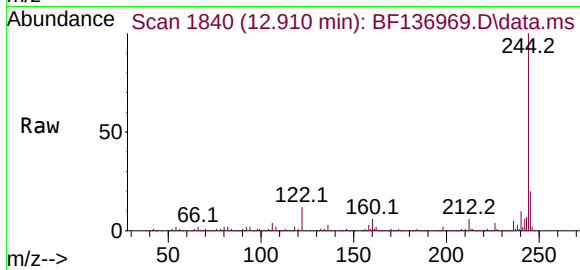
Tgt Ion:244	Resp: 89932
Ion Ratio	Lower Upper
244 100	
212 6.4	5.0 7.4
122 11.9	9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#80

Butylbenzylphthalate

Concen: 42.887 ng

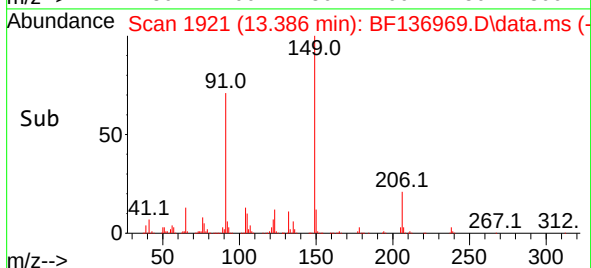
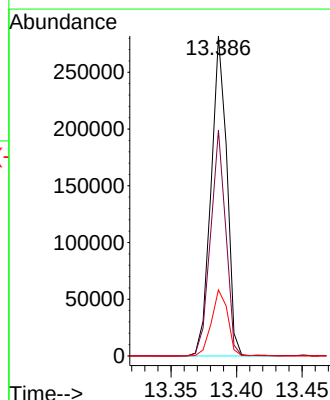
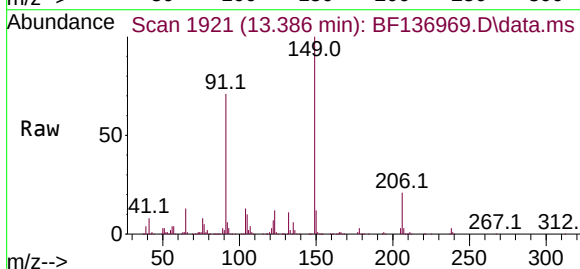
RT: 13.386 min Scan# 1921

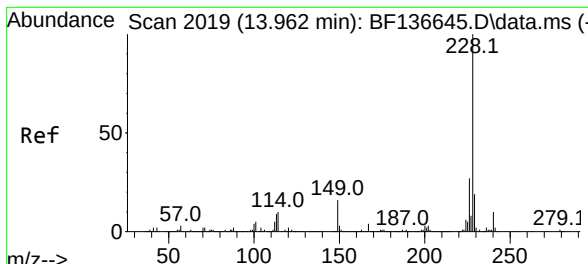
Delta R.T. -0.006 min

Lab File: BF136969.D

Acq: 05 Jan 2024 11:18

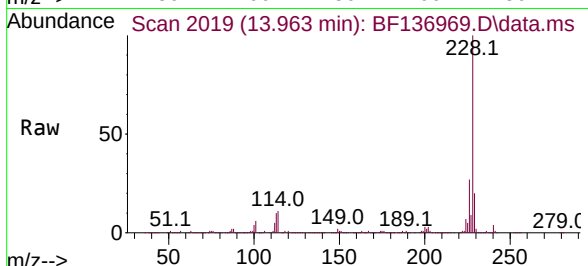
Tgt Ion:149	Resp: 236065
Ion Ratio	Lower Upper
149 100	
91 70.6	54.1 81.1
206 20.7	17.1 25.7





#81
Benzo(a)anthracene
Concen: 40.747 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

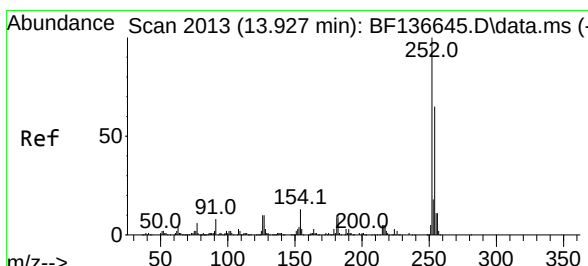
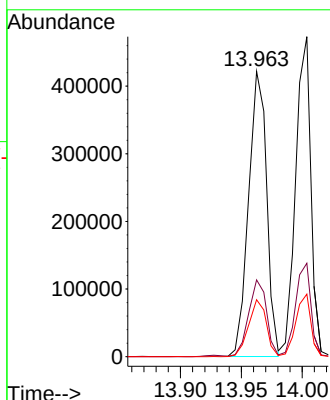
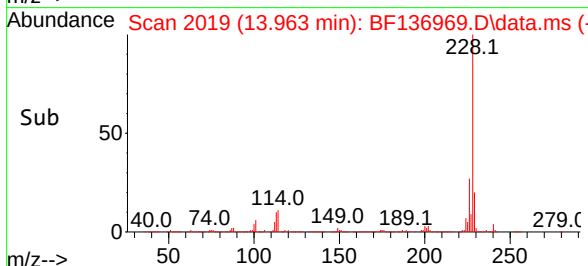
Instrument :
BNA_F
ClientSampleId :
PB158239BS



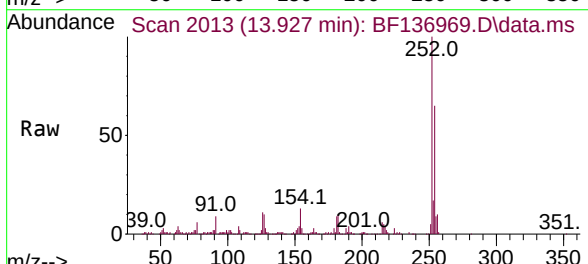
Tgt Ion:228 Resp: 436000
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.0
229 20.0 14.9 22.3

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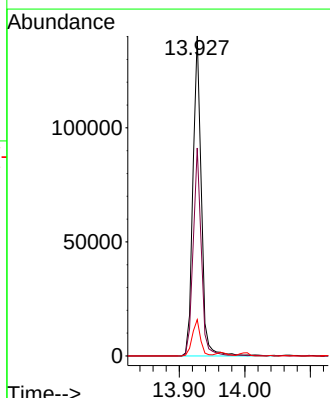
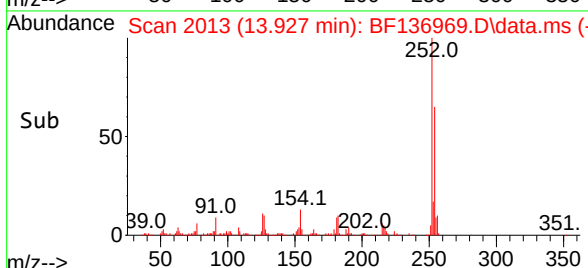
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

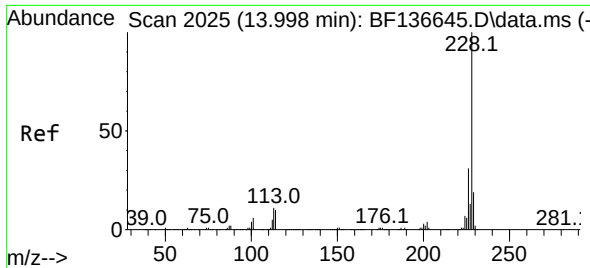


#82
3,3'-Dichlorobenzidine
Concen: 41.222 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18



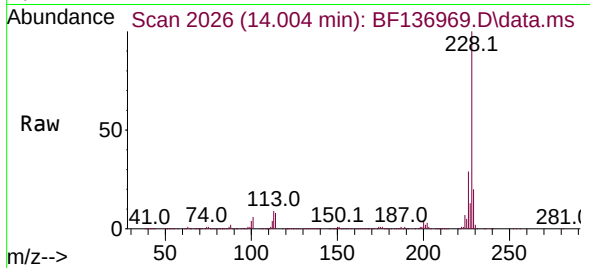
Tgt Ion:252 Resp: 125264
Ion Ratio Lower Upper
252 100
254 65.0 52.2 78.4
126 11.4 8.0 12.0





#83
Chrysene
Concen: 39.280 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

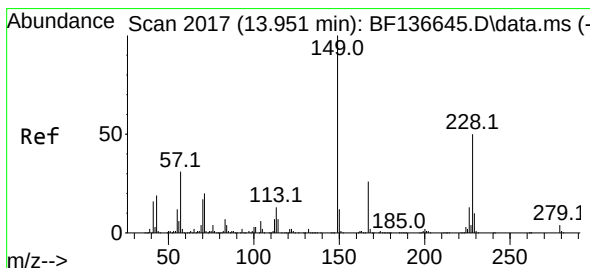
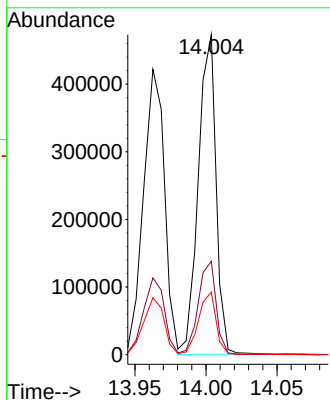
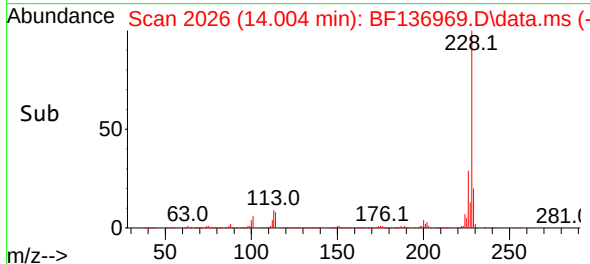
Instrument :
BNA_F
ClientSampleId :
PB158239BS



Tgt Ion:228 Resp: 411019
Ion Ratio Lower Upper
228 100
226 29.2 24.7 37.1
229 19.5 15.4 23.0

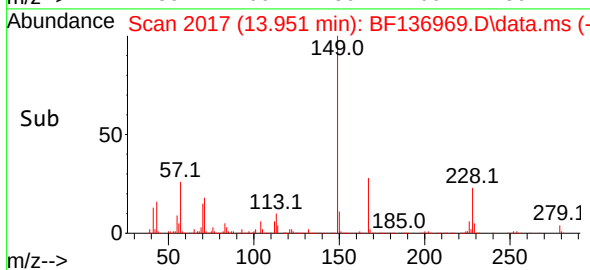
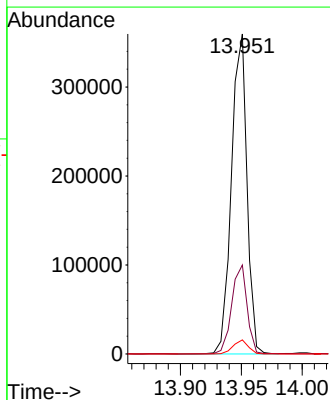
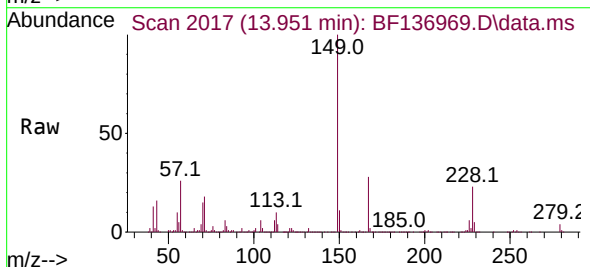
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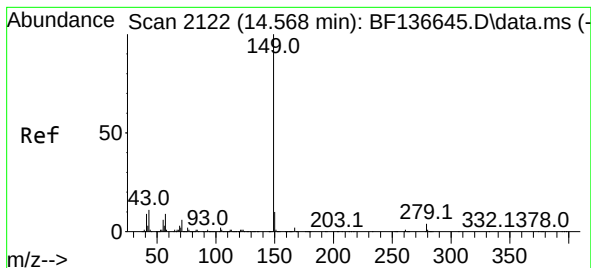
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.097 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Tgt Ion:149 Resp: 319240
Ion Ratio Lower Upper
149 100
167 27.8 20.9 31.3
279 4.4 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 46.533 ng

RT: 14.563 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF136969.D

Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

ClientSampleId :

PB158239BS

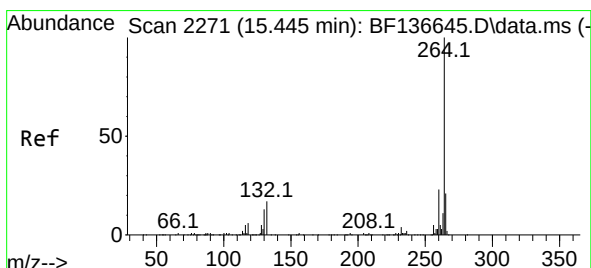
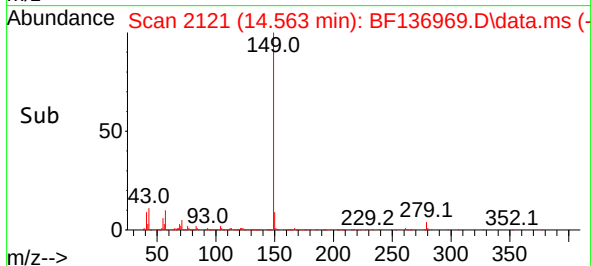
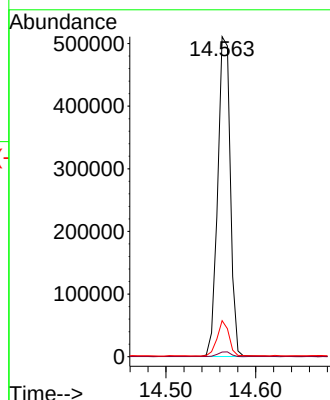
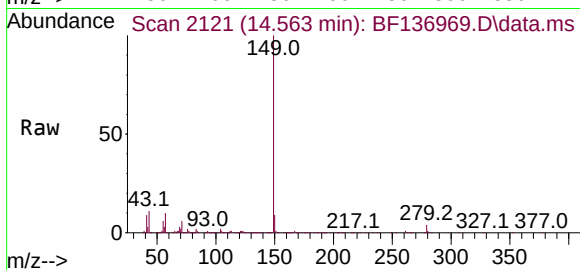
Tgt Ion:149 Resp: 498494
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.3 8.9 13.3

Manual Integrations

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Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#86

Perylene-d12

Concen: 20.000 ng

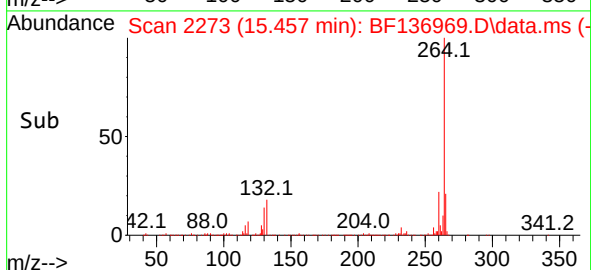
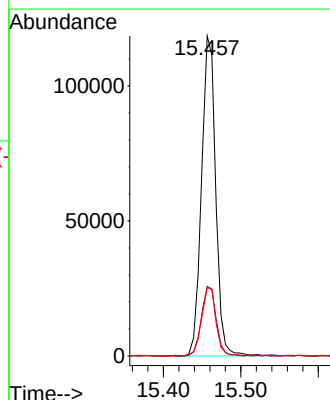
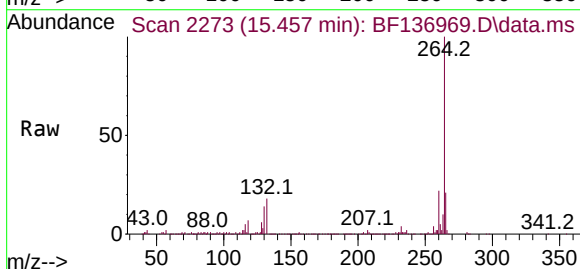
RT: 15.457 min Scan# 2273

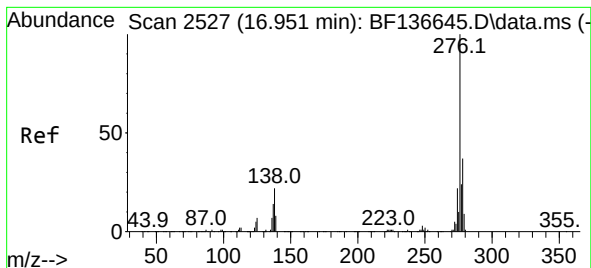
Delta R.T. 0.012 min

Lab File: BF136969.D

Acq: 05 Jan 2024 11:18

Tgt Ion:264 Resp: 150394
 Ion Ratio Lower Upper
 264 100
 260 21.7 18.3 27.5
 265 21.4 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.029 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF136969.D

Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

ClientSampleId :

PB158239BS

Tgt Ion:276 Resp: 48895

Ion Ratio Lower Upper

276 100

138 23.5 18.7 28.1

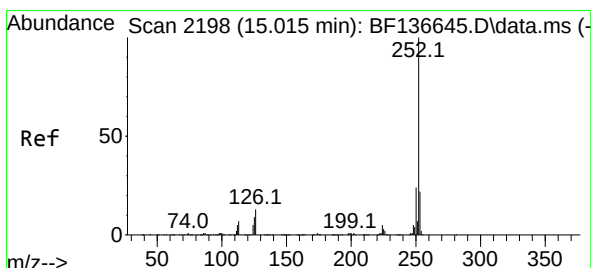
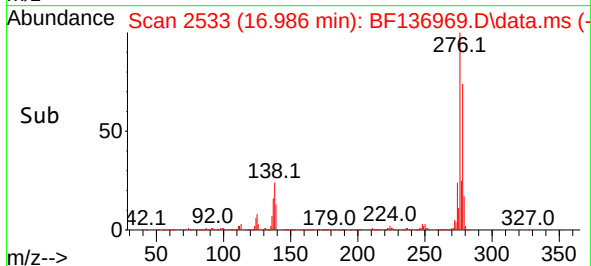
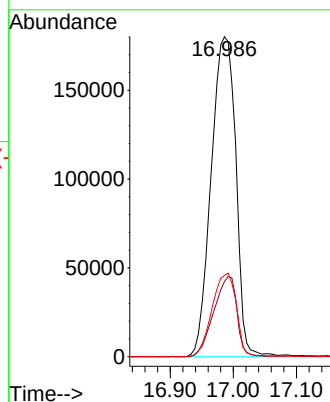
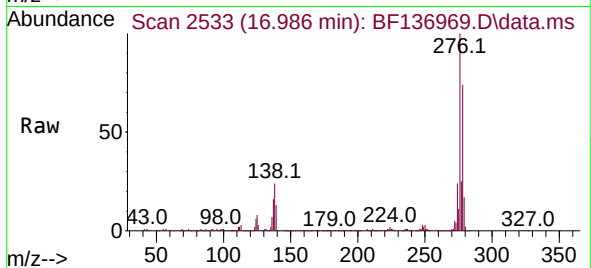
277 25.7 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#88

Benzo(b)fluoranthene

Concen: 41.042 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF136969.D

Acq: 05 Jan 2024 11:18

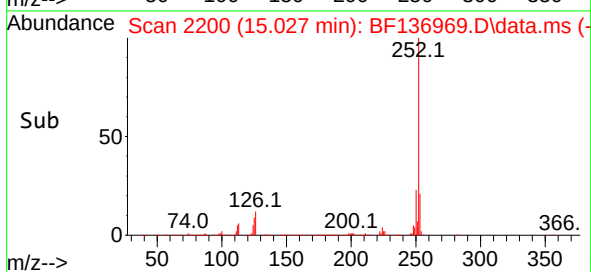
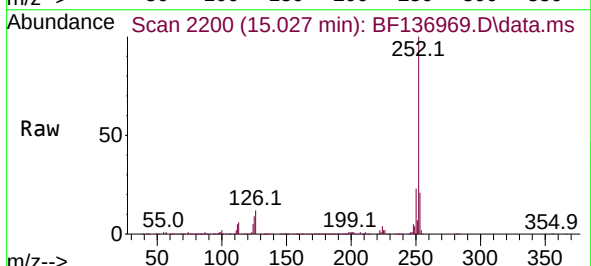
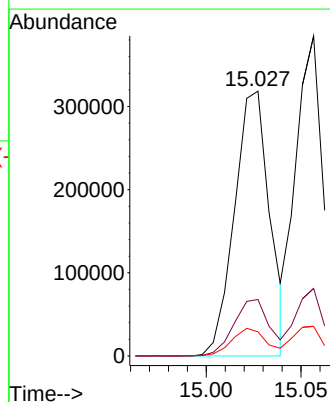
Tgt Ion:252 Resp: 412264

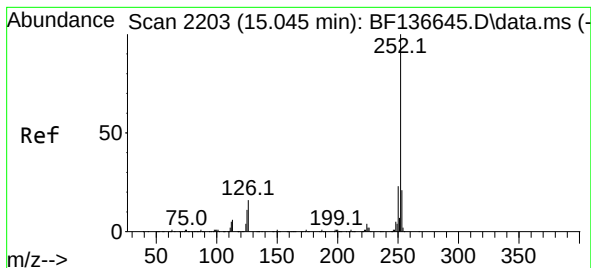
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 9.1 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 40.736 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136969.D

Acq: 05 Jan 2024 11:18

Instrument :

BNA_F

ClientSampleId :

PB158239BS

Tgt Ion:252 Resp: 38664

Ion Ratio Lower Upper

252 100

253 21.1 17.0 25.6

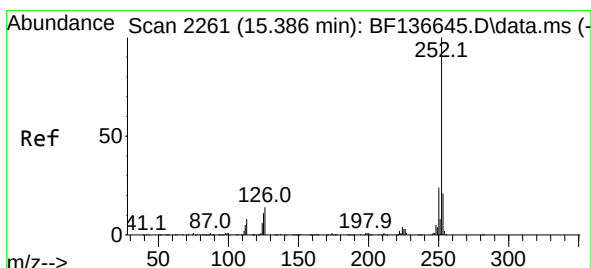
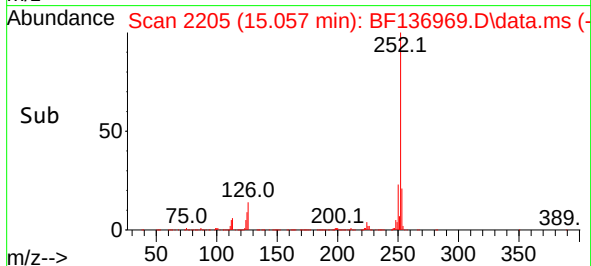
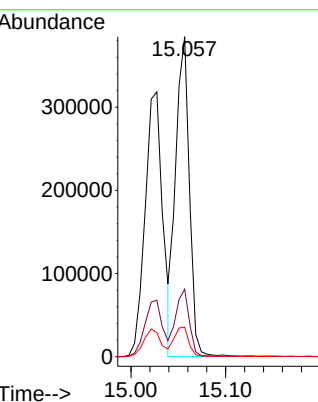
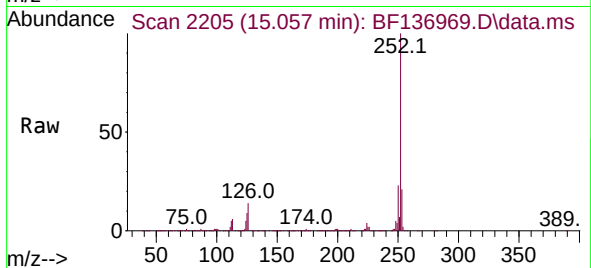
125 9.3 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#90

Benzo(a)pyrene

Concen: 41.708 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.012 min

Lab File: BF136969.D

Acq: 05 Jan 2024 11:18

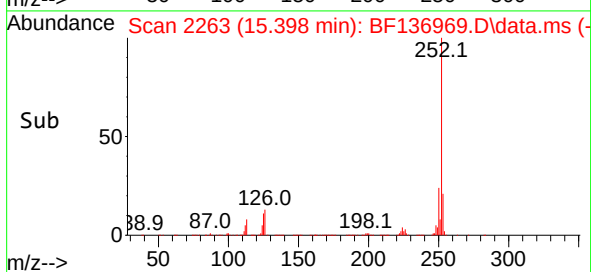
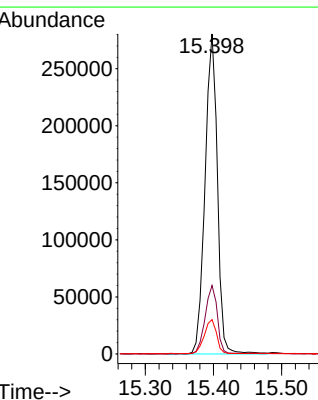
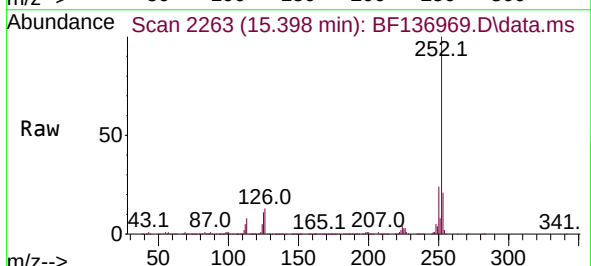
Tgt Ion:252 Resp: 353646

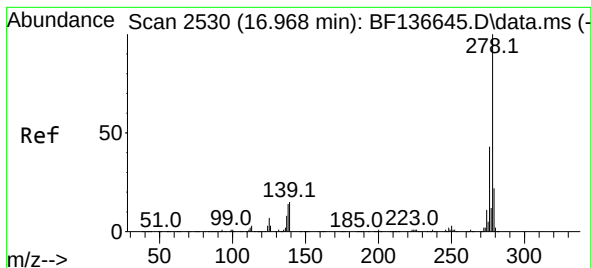
Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

125 10.8 8.8 13.2





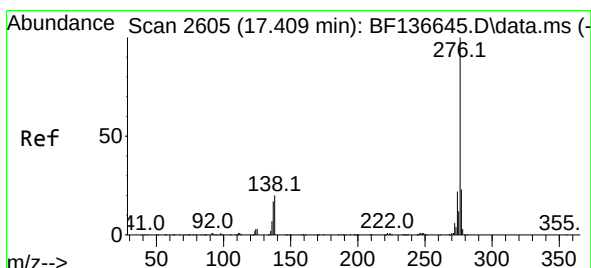
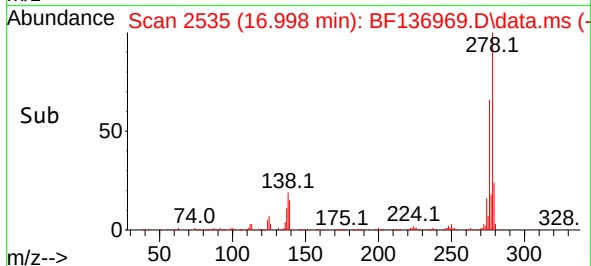
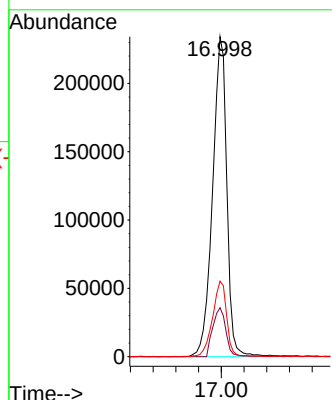
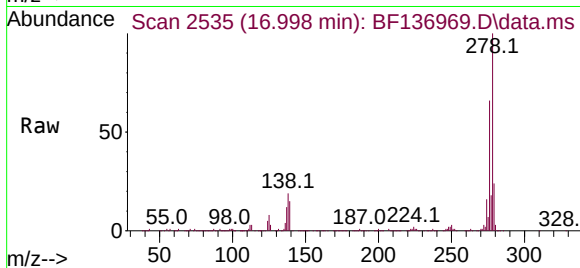
#91
Dibenzo(a,h)anthracene
Concen: 45.614 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.030 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Instrument :
BNA_F
ClientSampleId :
PB158239BS

Tgt Ion:278 Resp: 406350
Ion Ratio Lower Upper
278 100
139 15.3 12.2 18.4
279 23.6 17.8 26.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#92
Benzo(g,h,i)perylene
Concen: 44.687 ng
RT: 17.451 min Scan# 2612
Delta R.T. 0.041 min
Lab File: BF136969.D
Acq: 05 Jan 2024 11:18

Tgt Ion:276 Resp: 407729
Ion Ratio Lower Upper
276 100
277 23.1 18.3 27.5
138 18.8 15.6 23.4

