

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
 Data File : BF139629.D
 Acq On : 03 Oct 2024 14:08
 Operator : RC/JU
 Sample : PB163825BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163825BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 03 14:43:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	98407	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	389053	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	223003	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	427231	20.000	ng	0.00
76) Chrysene-d12	14.033	240	234220	20.000	ng	0.00
86) Perylene-d12	15.498	264	204939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	808513	142.404	ng	0.02
7) Phenol-d6	6.504	99	1091564	142.965	ng	0.00
23) Nitrobenzene-d5	7.434	82	718361	93.485	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	308871	143.479	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1347849	92.788	ng	0.00
79) Terphenyl-d14	12.980	244	1489529	104.349	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	104612	42.618	ng	98
3) Pyridine	3.493	79	282468	47.315	ng	97
4) n-Nitrosodimethylamine	3.451	42	198330	50.754	ng	98
6) Aniline	6.534	93	352814	52.074	ng	97
8) 2-Chlorophenol	6.657	128	322011	52.937	ng	97
9) Benzaldehyde	6.416	77	50068	12.379	ng	98
10) Phenol	6.522	94	416953	51.935	ng	86
11) bis(2-Chloroethyl)ether	6.604	93	309173	47.297	ng	99
12) 1,3-Dichlorobenzene	6.810	146	325495	47.566	ng	99
13) 1,4-Dichlorobenzene	6.887	146	330321	47.661	ng	99
14) 1,2-Dichlorobenzene	7.039	146	316543	48.732	ng	98
15) Benzyl Alcohol	7.016	79	305406	52.351	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	569370	50.314	ng	87
17) 2-Methylphenol	7.128	107	265862	52.354	ng	98
18) Hexachloroethane	7.381	117	122705	47.466	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	246217	50.159	ng	99
20) 3+4-Methylphenols	7.281	107	335304	52.569	ng	95
22) Acetophenone	7.281	105	442924	47.962	ng	99
24) Nitrobenzene	7.451	77	374738	47.096	ng	99
25) Isophorone	7.692	82	681784	49.955	ng	100
26) 2-Nitrophenol	7.769	139	174238	50.937	ng	99
27) 2,4-Dimethylphenol	7.804	122	259893m	62.063	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	396261	48.622	ng	99
29) 2,4-Dichlorophenol	8.010	162	278123	50.919	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	281077	45.503	ng	100
31) Naphthalene	8.175	128	949777	47.747	ng	100
32) Benzoic acid	7.945	122	212966	51.145	ng	98
33) 4-Chloroaniline	8.222	127	176844	26.264	ng	99
34) Hexachlorobutadiene	8.286	225	181078	45.299	ng	99
35) Caprolactam	8.598	113	90251m	50.377	ng	
36) 4-Chloro-3-methylphenol	8.710	107	321800	52.045	ng	100
37) 2-Methylnaphthalene	8.863	142	628780	48.534	ng	100
38) 1-Methylnaphthalene	8.963	142	592709	46.804	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	294678	47.586	ng	99
41) Hexachlorocyclopentadiene	9.016	237	344314	181.335	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	211476	50.659	ng	98

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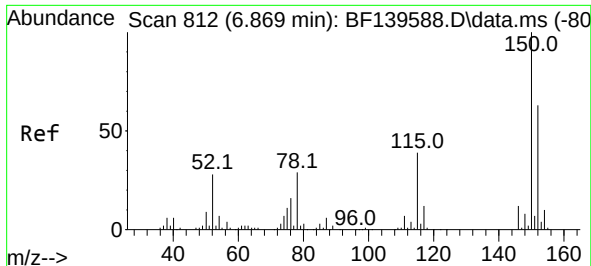
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	224869	49.950	ng	98
46) 1,1'-Biphenyl	9.328	154	798204	48.124	ng	100
47) 2-Chloronaphthalene	9.357	162	593799	47.755	ng	98
48) 2-Nitroaniline	9.451	65	235262	52.707	ng	99
49) Acenaphthylene	9.769	152	998111	52.783	ng	99
50) Dimethylphthalate	9.633	163	757202	51.870	ng	100
51) 2,6-Dinitrotoluene	9.698	165	162016	49.131	ng	95
52) Acenaphthene	9.939	154	727894m	56.071	ng	
53) 3-Nitroaniline	9.863	138	117865	34.976	ng	99
54) 2,4-Dinitrophenol	9.975	184	210452	118.654	ng	98
55) Dibenzofuran	10.116	168	908677	49.993	ng	99
56) 4-Nitrophenol	10.033	139	266617	103.749	ng	98
57) 2,4-Dinitrotoluene	10.098	165	221987	51.501	ng	97
58) Fluorene	10.457	166	714043	49.323	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	196511	54.045	ng	98
60) Diethylphthalate	10.333	149	773644	51.309	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	354595	48.960	ng	99
62) 4-Nitroaniline	10.486	138	173424	50.312	ng	98
63) Azobenzene	10.610	77	778627	51.349	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	129466	53.655	ng	98
66) n-Nitrosodiphenylamine	10.569	169	640841	50.888	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	214724	49.019	ng	99
68) Hexachlorobenzene	11.004	284	235293	48.407	ng	99
69) Atrazine	11.098	200	208220	61.625	ng	99
70) Pentachlorophenol	11.198	266	274958	95.000	ng	99
71) Phenanthrene	11.422	178	1024750	50.871	ng	100
72) Anthracene	11.475	178	1045091	52.441	ng	100
73) Carbazole	11.627	167	940475	49.135	ng	100
74) Di-n-butylphthalate	11.951	149	1207977	51.899	ng	100
75) Fluoranthene	12.604	202	1080554	49.070	ng	100
77) Benzidine	12.727	184	335827	81.287	ng	100
78) Pyrene	12.833	202	1086580	51.869	ng	99
80) Butylbenzylphthalate	13.451	149	416922	55.641	ng	98
81) Benzo(a)anthracene	14.021	228	780943	50.714	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	184084	39.060	ng	99
83) Chrysene	14.063	228	724470	51.459	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	542483	57.979	ng	100
85) Di-n-octyl phthalate	14.621	149	782837	56.951	ng	100
87) Indeno(1,2,3-cd)pyrene	16.980	276	655521	54.345	ng	100
88) Benzo(b)fluoranthene	15.074	252	630260	47.563	ng	100
89) Benzo(k)fluoranthene	15.104	252	596801	53.094	ng	99
90) Benzo(a)pyrene	15.439	252	574087	54.945	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	541403	54.116	ng	99
92) Benzo(g,h,i)perylene	17.427	276	493766	49.211	ng	99

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



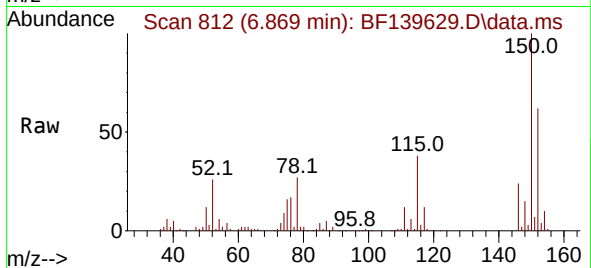
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

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BNA_F

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PB163825BS

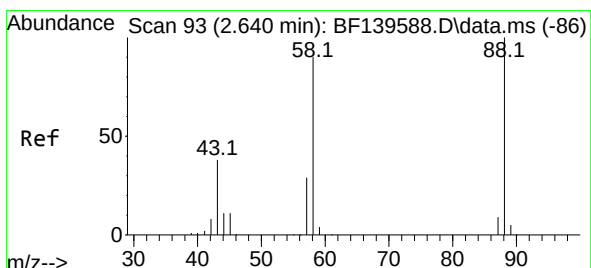
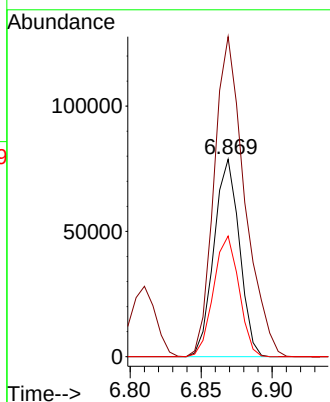
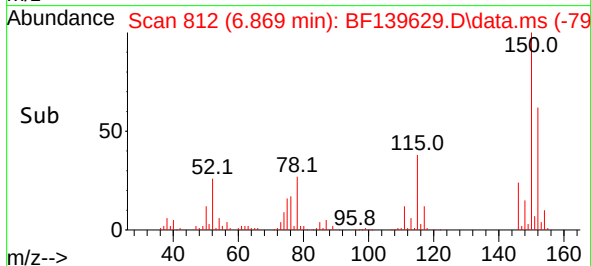


Tgt Ion:152 Resp: 9840
Ion Ratio Lower Upper
152 100
150 162.1 127.2 190.8
115 61.1 49.0 73.4

Manual Integrations

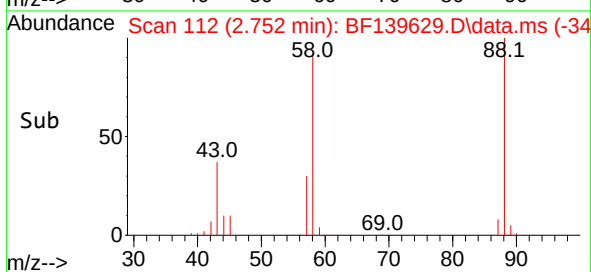
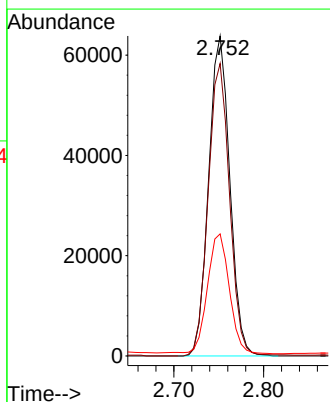
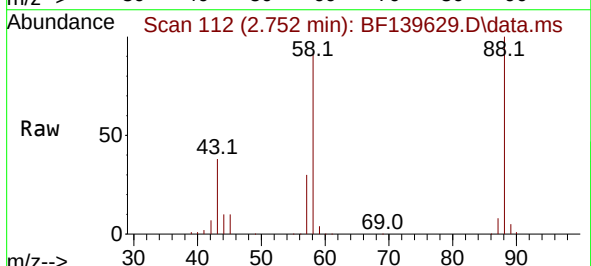
APPROVED

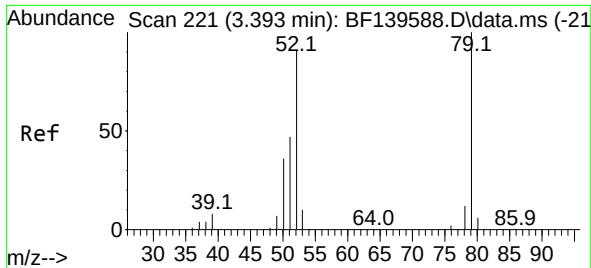
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#2
1,4-Dioxane
Concen: 42.618 ng
RT: 2.752 min Scan# 112
Delta R.T. 0.112 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Tgt Ion: 88 Resp: 104612
Ion Ratio Lower Upper
88 100
58 92.8 72.0 108.0
43 38.7 30.8 46.2





#3

Pyridine

Concen: 47.315 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.100 min

Lab File: BF139629.D

Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS

Tgt Ion: 79 Resp: 282468

Ion Ratio Lower Upper

79 100

52 88.0 72.6 109.0

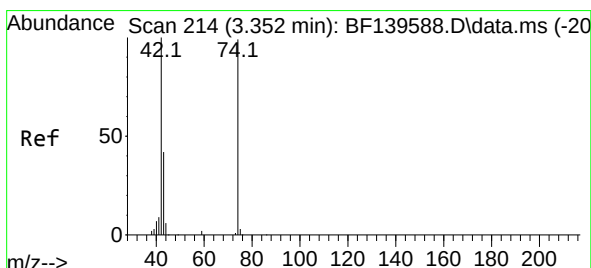
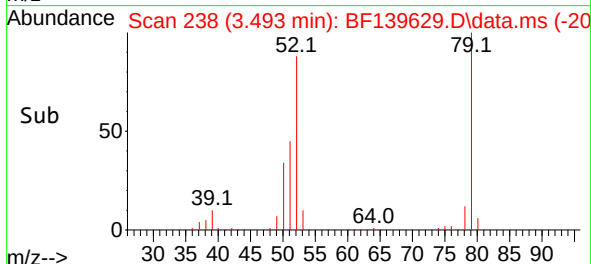
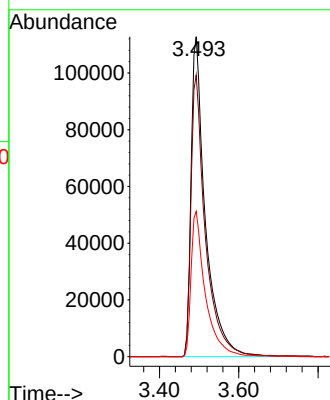
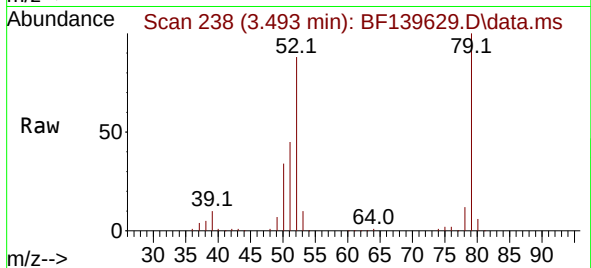
51 45.4 37.5 56.3

Manual Integrations

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Supervised By :mohammad ahmed 10/05/2024



#4

n-Nitrosodimethylamine

Concen: 50.754 ng

RT: 3.451 min Scan# 231

Delta R.T. 0.100 min

Lab File: BF139629.D

Acq: 03 Oct 2024 14:08

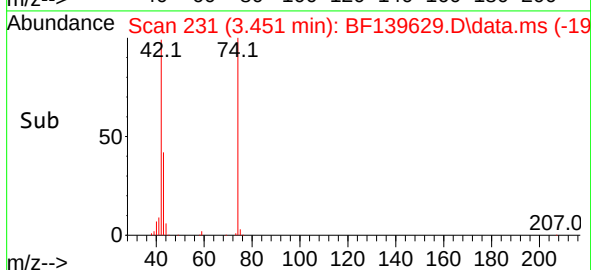
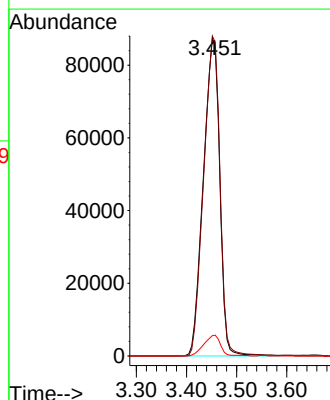
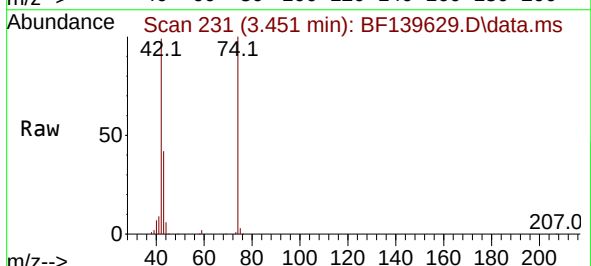
Tgt Ion: 42 Resp: 198330

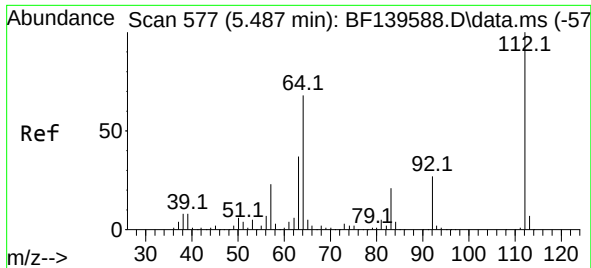
Ion Ratio Lower Upper

42 100

74 100.8 79.0 118.6

44 6.4 5.2 7.8





#5
2-Fluorophenol
Concen: 142.404 ng
RT: 5.504 min Scan# 511
Delta R.T. 0.017 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

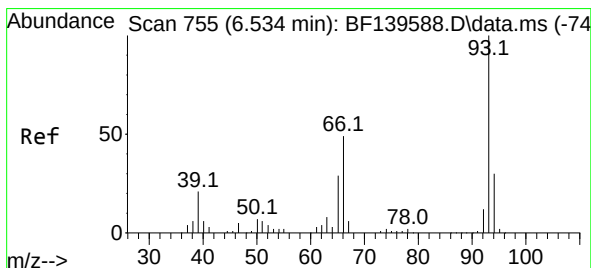
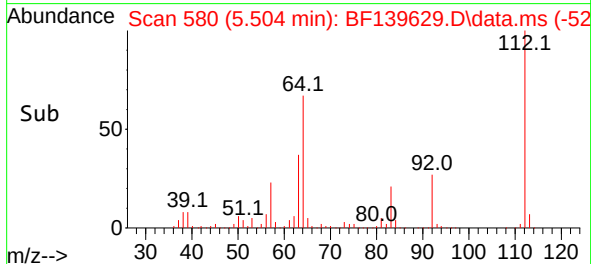
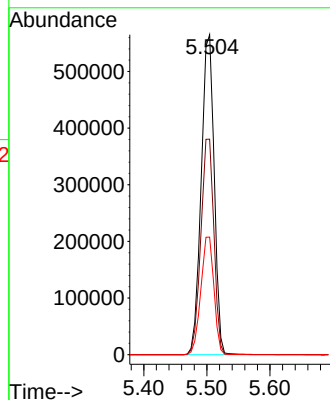
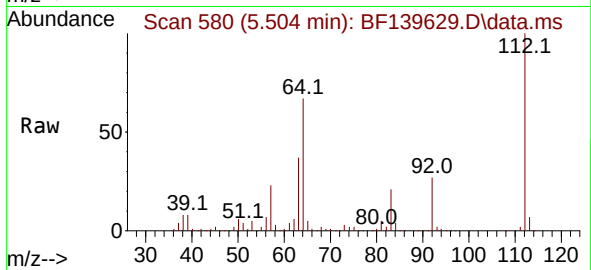
PB163825BS

Tgt Ion:112 Resp: 80851
Ion Ratio Lower Upper
112 100
64 67.3 54.2 81.4
63 36.7 29.4 44.2

Manual Integrations

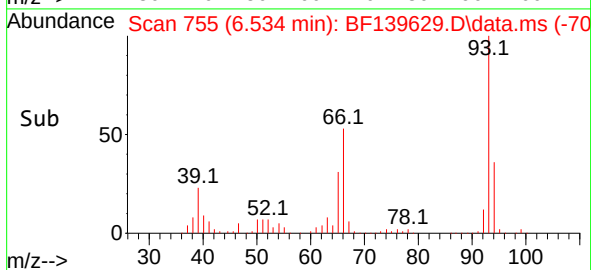
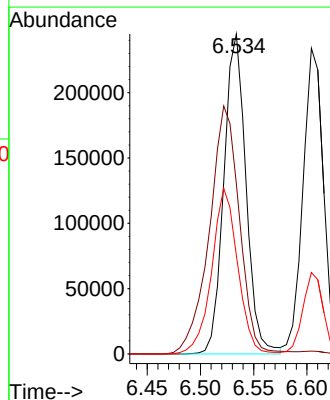
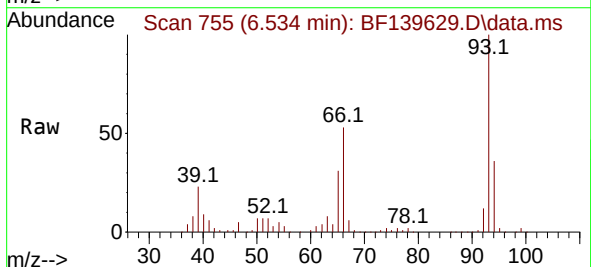
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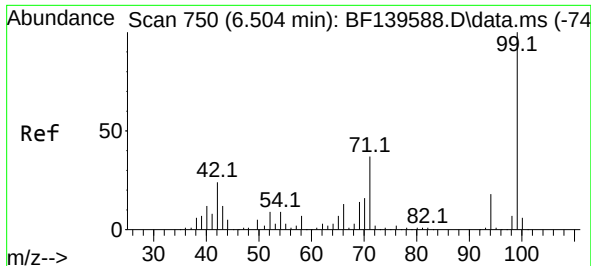
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#6
Aniline
Concen: 52.074 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Tgt Ion: 93 Resp: 352814
Ion Ratio Lower Upper
93 100
66 53.2 40.9 61.3
65 30.8 23.3 34.9





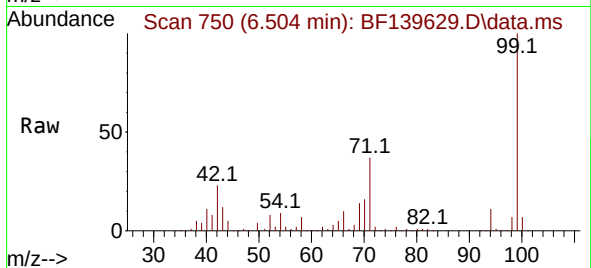
#7
Phenol-d6
Concen: 142.965 ng
RT: 6.504 min Scan# 715
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

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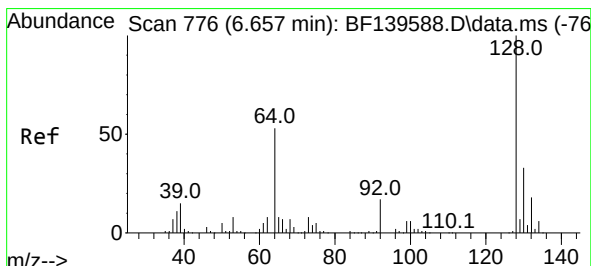
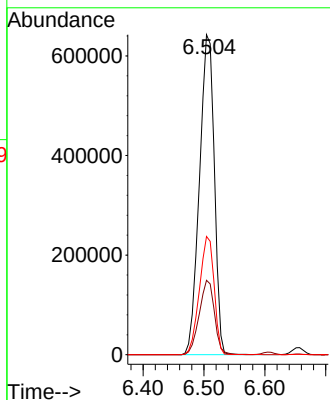
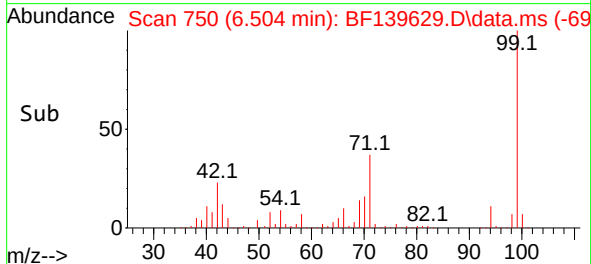


Tgt Ion: 99 Resp: 1091564
Ion Ratio Lower Upper
99 100
42 23.3 19.1 28.7
71 37.0 29.7 44.5

Manual Integrations

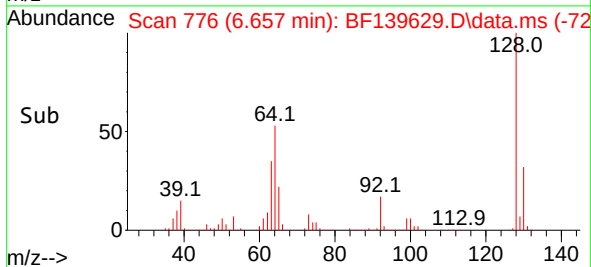
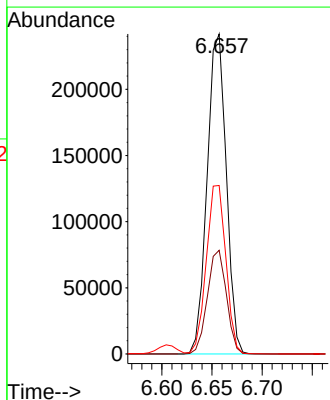
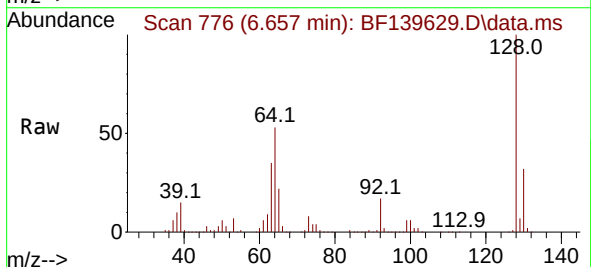
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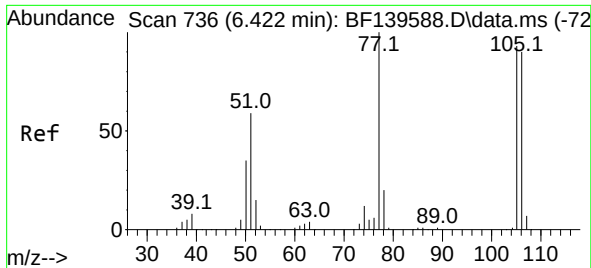
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#8
2-Chlorophenol
Concen: 52.937 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Tgt Ion:128 Resp: 322011
Ion Ratio Lower Upper
128 100
130 32.4 13.2 53.2
64 52.6 35.1 75.1





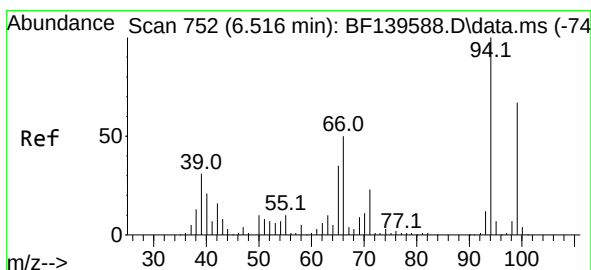
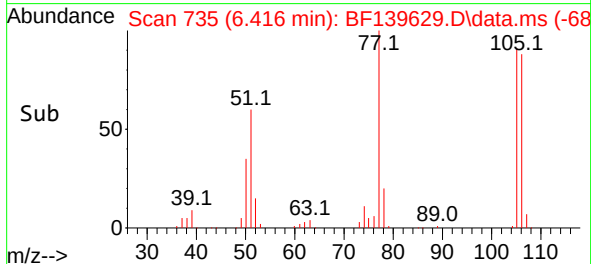
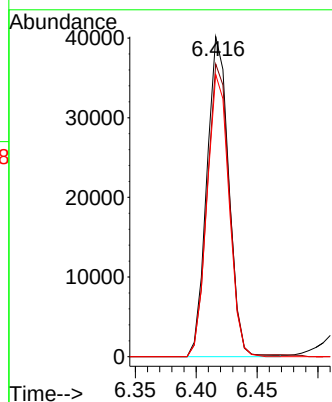
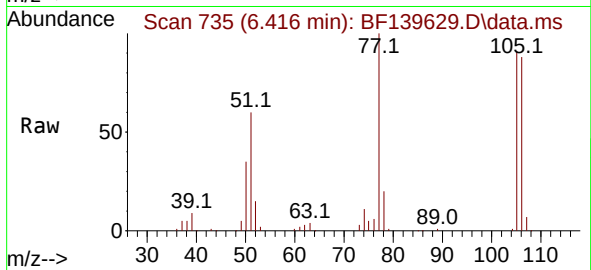
#9
Benzaldehyde
Concen: 12.379 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :
BNA_F
ClientSampleId :
PB163825BS

Tgt Ion: 77 Resp: 5006
Ion Ratio Lower Upper
77 100
105 91.4 72.7 112.7
106 88.2 70.1 110.1

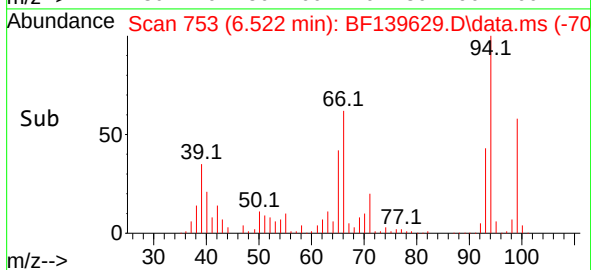
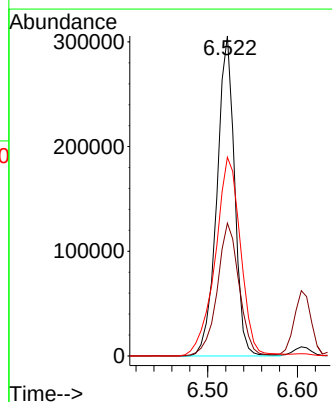
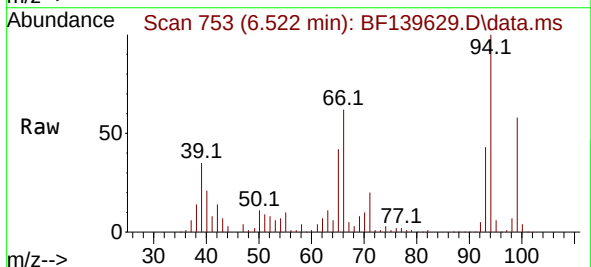
Manual Integrations
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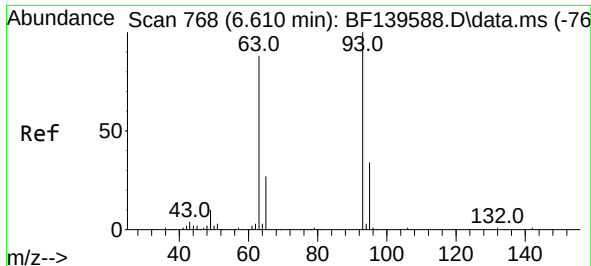
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#10
Phenol
Concen: 51.935 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Tgt Ion: 94 Resp: 416953
Ion Ratio Lower Upper
94 100
65 41.5 15.3 55.3
66 62.1 30.5 70.5





#11
bis(2-Chloroethyl)ether
Concen: 47.297 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

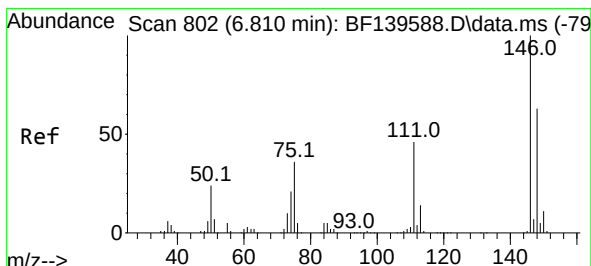
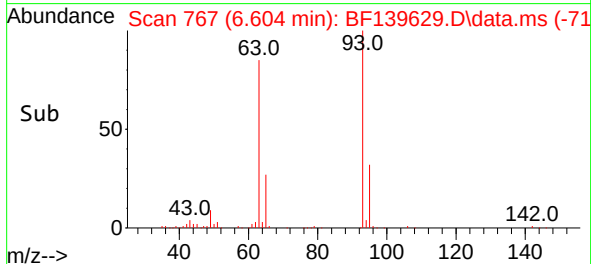
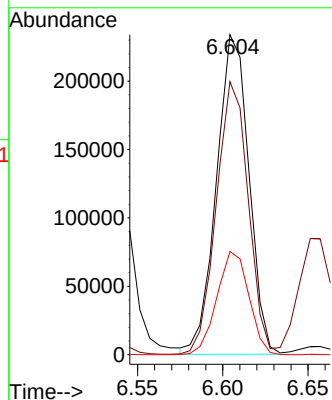
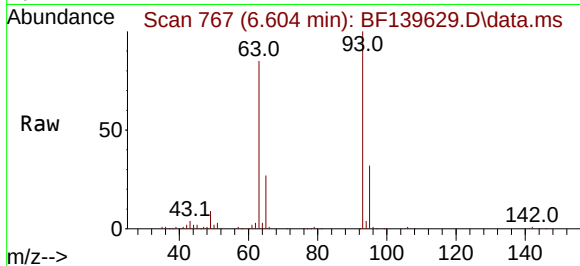
ClientSampleId :

PB163825BS

Tgt Ion: 93 Resp: 30917
Ion Ratio Lower Upper
93 100
63 85.3 64.1 104.1
95 32.3 12.3 52.3

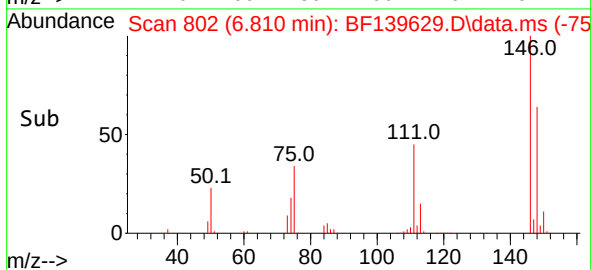
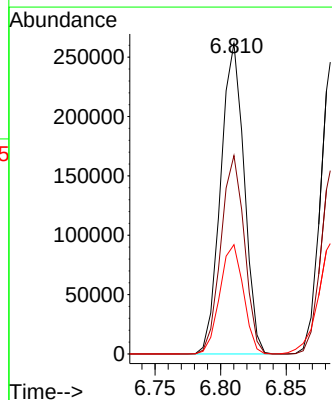
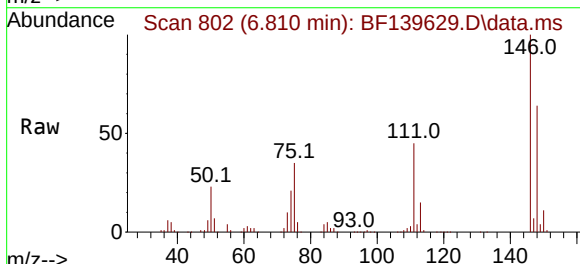
Manual Integrations
APPROVED

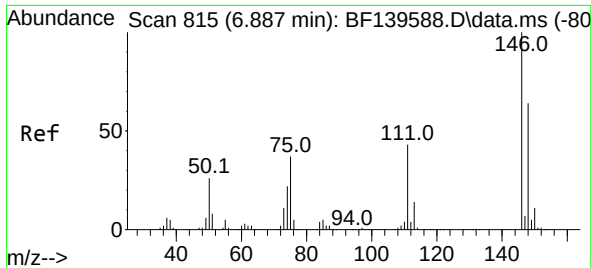
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#12
1,3-Dichlorobenzene
Concen: 47.566 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Tgt Ion:146 Resp: 325495
Ion Ratio Lower Upper
146 100
148 63.9 50.2 75.4
75 35.2 28.5 42.7





#13
1,4-Dichlorobenzene
Concen: 47.661 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

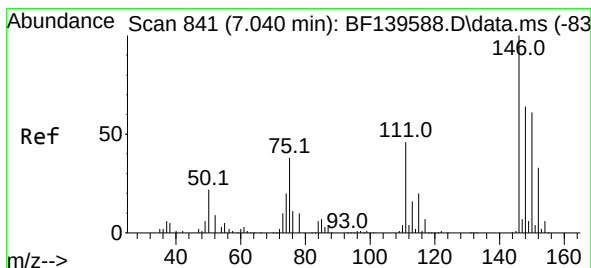
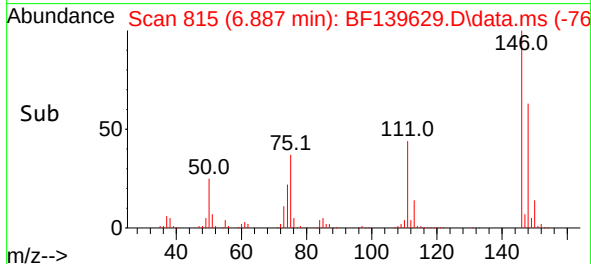
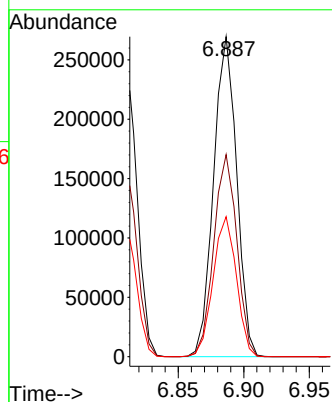
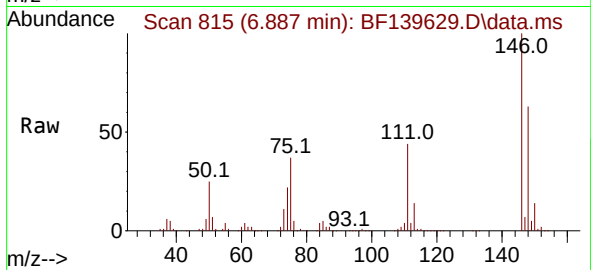
ClientSampleId :

PB163825BS

Tgt Ion:146 Resp: 33032
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.6
111 43.7 34.9 52.3

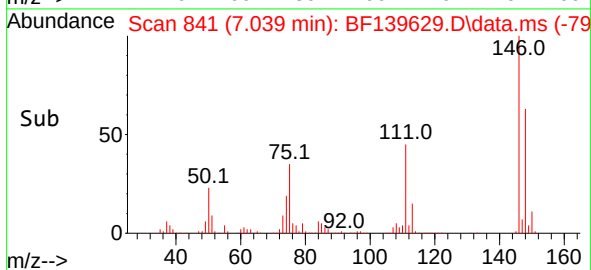
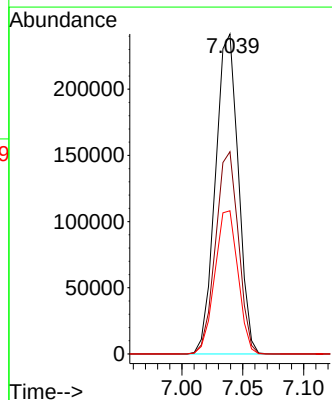
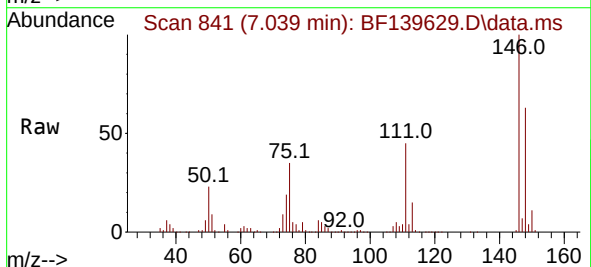
Manual Integrations
APPROVED

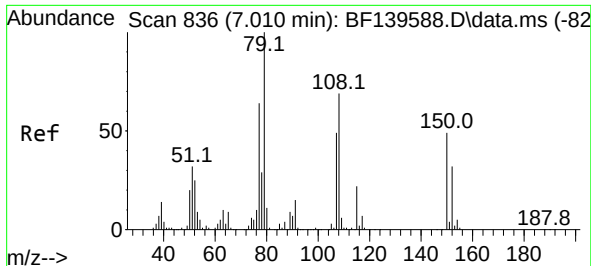
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#14
1,2-Dichlorobenzene
Concen: 48.732 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Tgt Ion:146 Resp: 316543
Ion Ratio Lower Upper
146 100
148 63.2 51.2 76.8
111 44.8 37.0 55.6





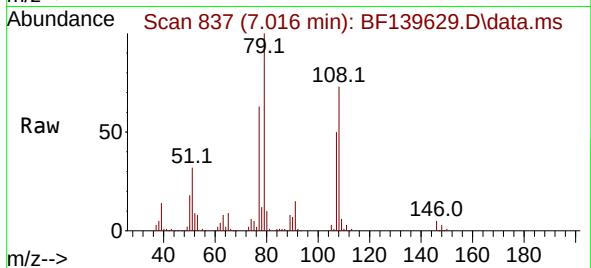
#15
Benzyl Alcohol
Concen: 52.351 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS

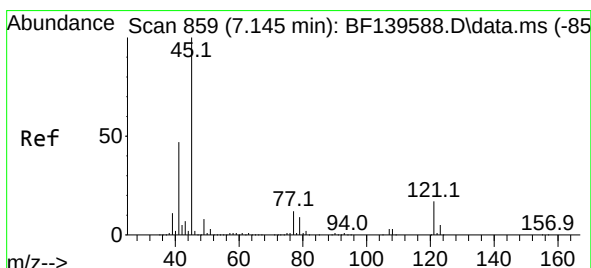
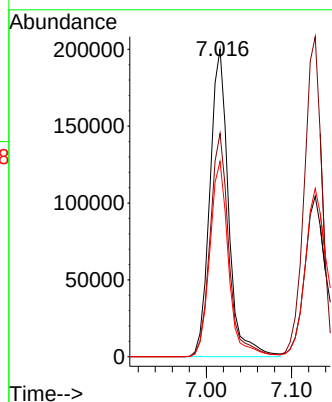
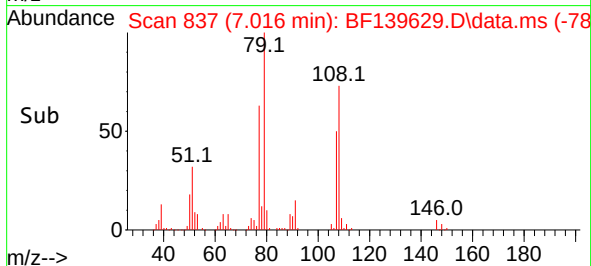


Tgt Ion: 79 Resp: 305400
Ion Ratio Lower Upper
79 100
108 72.6 55.1 82.7
77 63.4 50.8 76.2

Manual Integrations

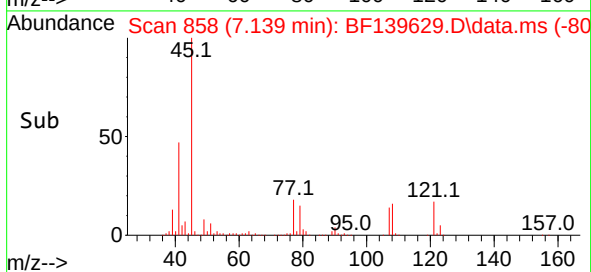
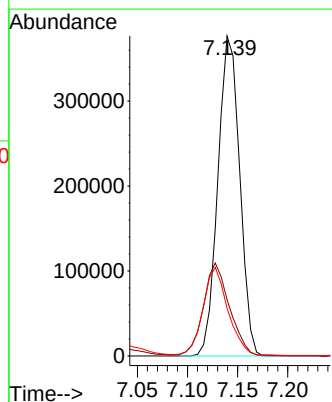
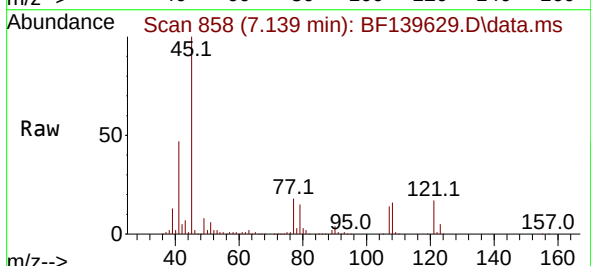
APPROVED

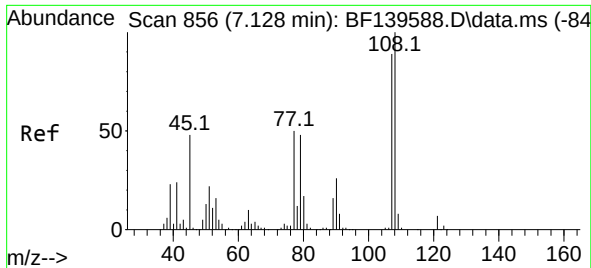
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.314 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Tgt Ion: 45 Resp: 569370
Ion Ratio Lower Upper
45 100
77 17.5 0.0 32.5
79 14.9 0.0 29.7





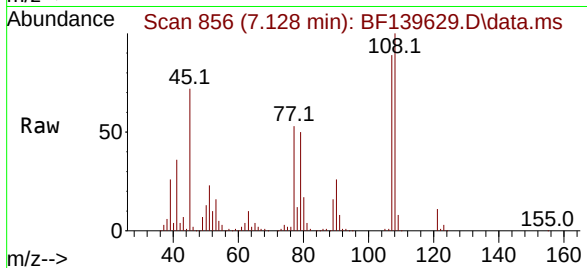
#17
2-Methylphenol
Concen: 52.354 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS

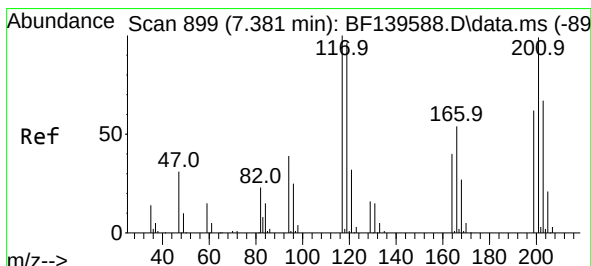
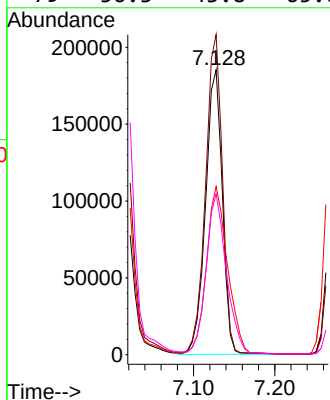
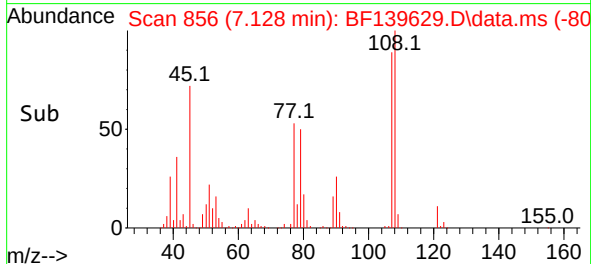


Tgt Ion:107 Resp: 265862
Ion Ratio Lower Upper
107 100
108 112.4 89.8 134.6
77 59.0 44.6 67.0
79 56.3 43.8 65.6

Manual Integrations

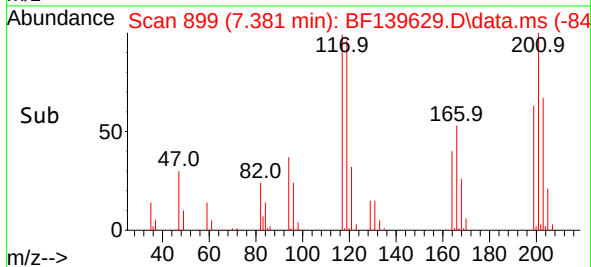
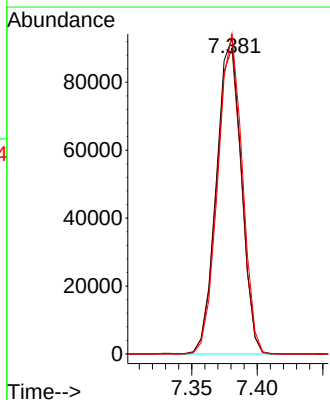
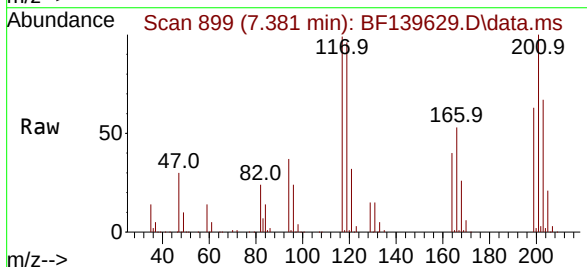
APPROVED

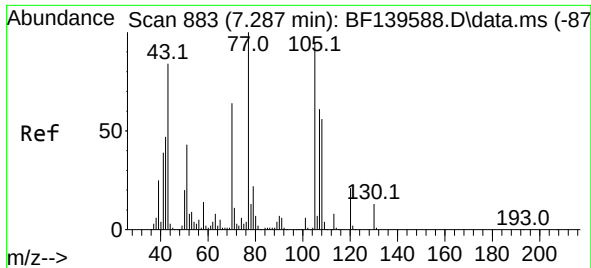
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#18
Hexachloroethane
Concen: 47.466 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Tgt Ion:117 Resp: 122705
Ion Ratio Lower Upper
117 100
119 96.9 77.0 115.6
201 101.4 79.2 118.8





#19
n-Nitroso-di-n-propylamine
Concen: 50.159 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

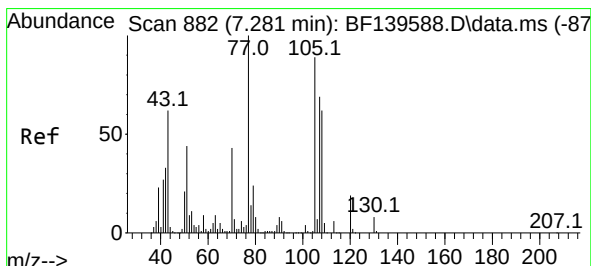
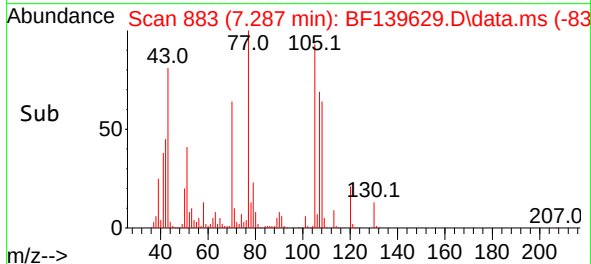
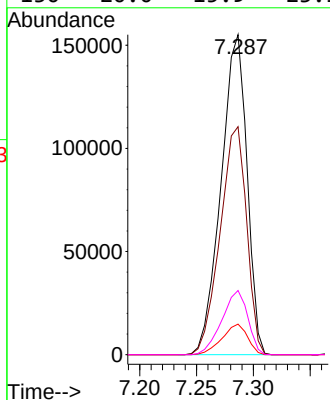
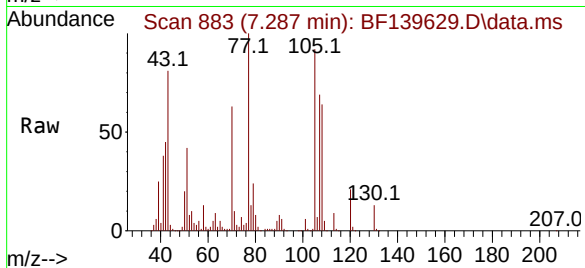
PB163825BS

Tgt Ion: 70 Resp: 24621
Ion Ratio Lower Upper
70 100
42 71.2 58.0 87.0
101 9.6 7.8 11.8
130 20.0 15.9 23.9

Manual Integrations

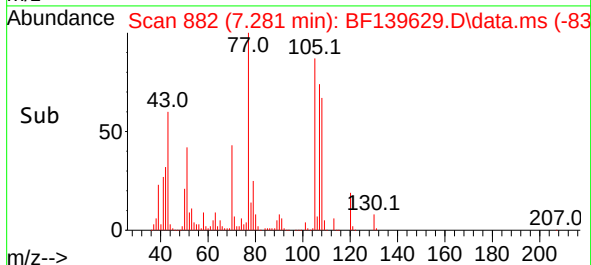
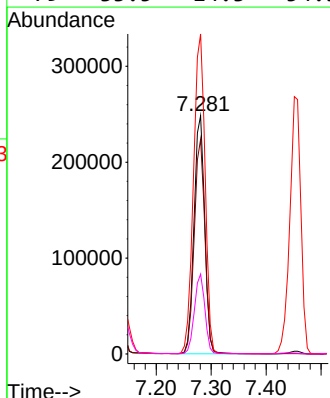
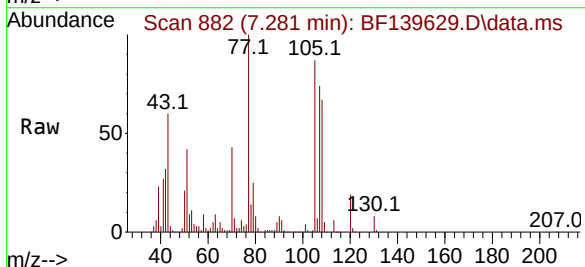
APPROVED

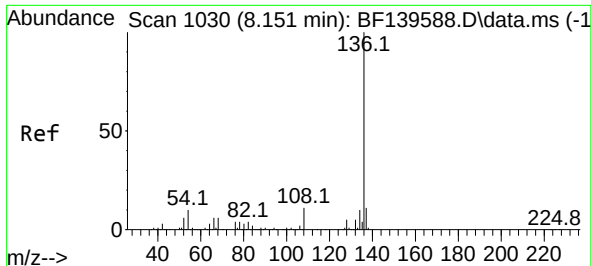
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#20
3+4-Methylphenols
Concen: 52.569 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Tgt Ion:107 Resp: 335304
Ion Ratio Lower Upper
107 100
108 90.2 70.2 110.2
77 134.3 125.3 165.3
79 33.5 14.3 54.3





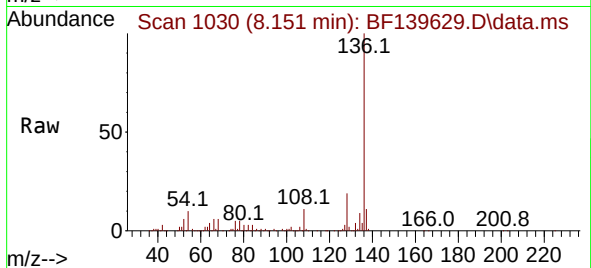
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS



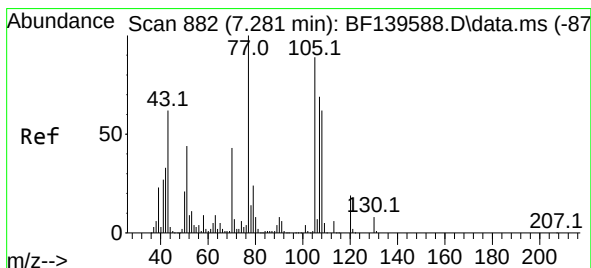
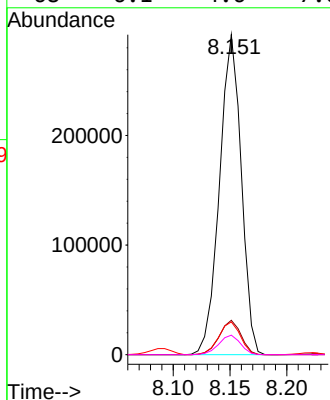
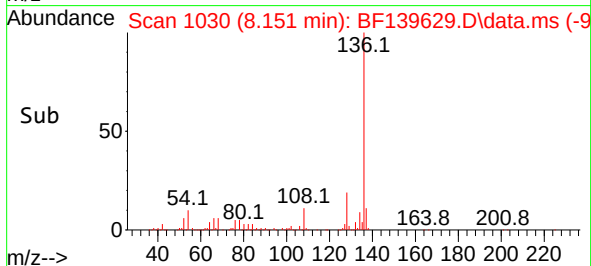
Tgt Ion:136 Resp: 38905
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.2 8.3 12.5
68 6.1 4.6 7.0

Manual Integrations

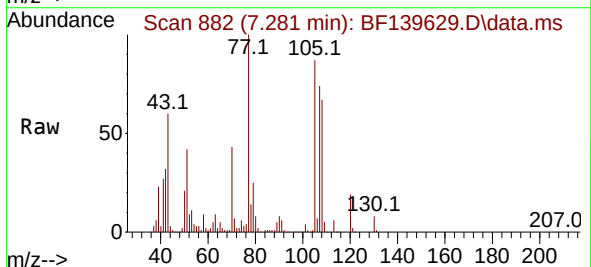
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

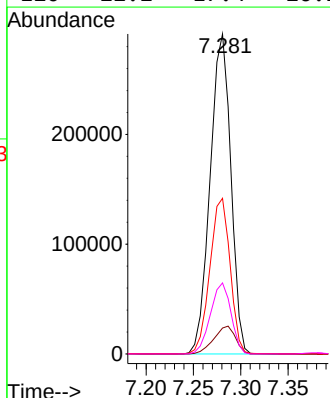
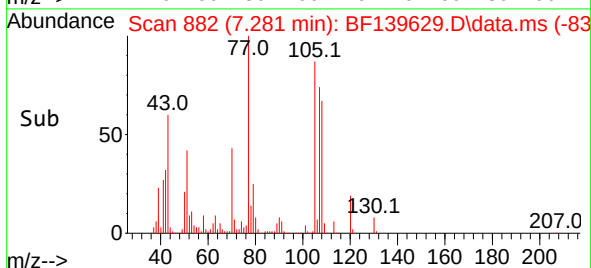
Supervised By :mohammad ahmed 10/05/2024

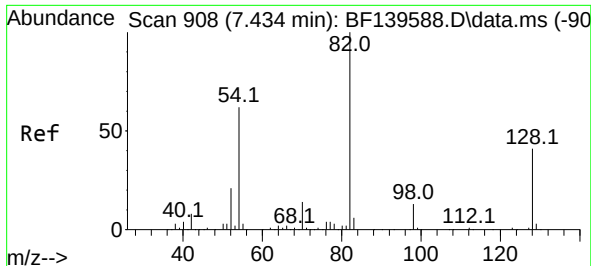


#22
Acetophenone
Concen: 47.962 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08



Tgt Ion:105 Resp: 442924
Ion Ratio Lower Upper
105 100
71 8.1 6.6 10.0
51 48.6 39.4 59.0
120 22.2 17.4 26.2





#23

Nitrobenzene-d5

Concen: 93.485 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF139629.D

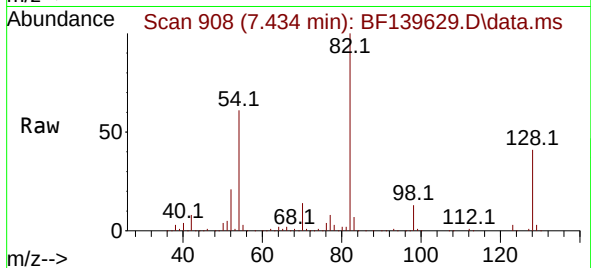
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS



Tgt Ion: 82 Resp: 71836

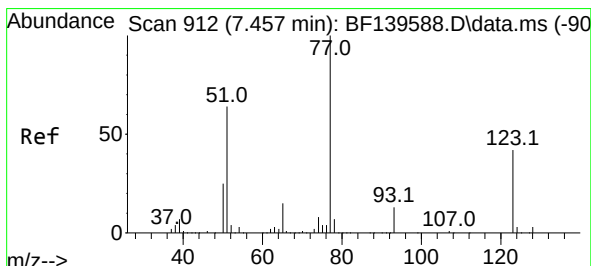
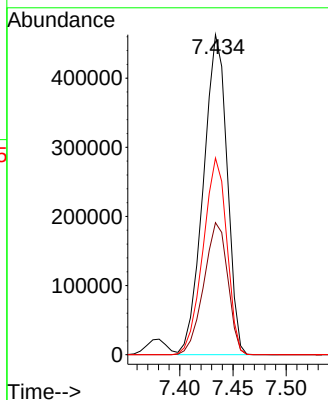
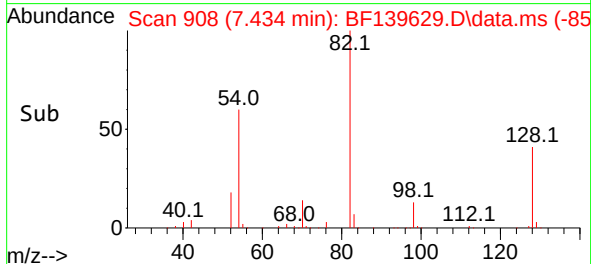
Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.4	48.6
54	61.5	49.1	73.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#24

Nitrobenzene

Concen: 47.096 ng

RT: 7.451 min Scan# 911

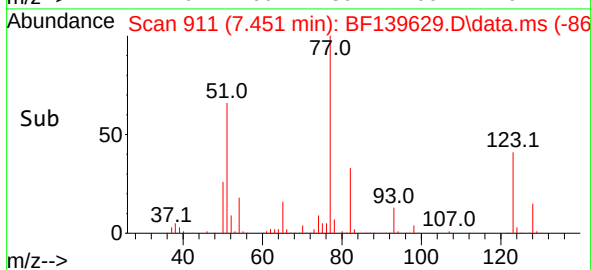
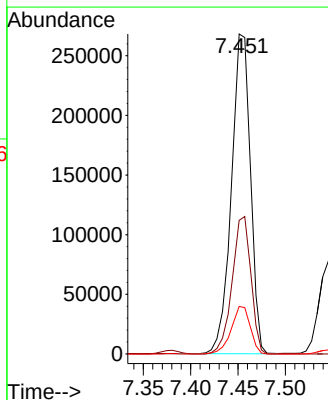
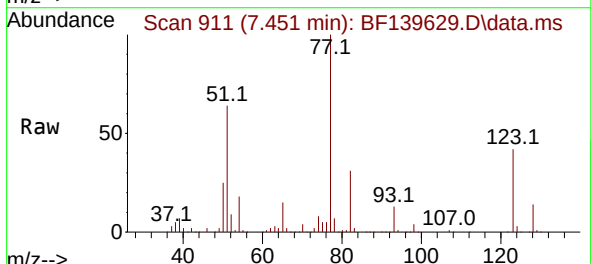
Delta R.T. -0.006 min

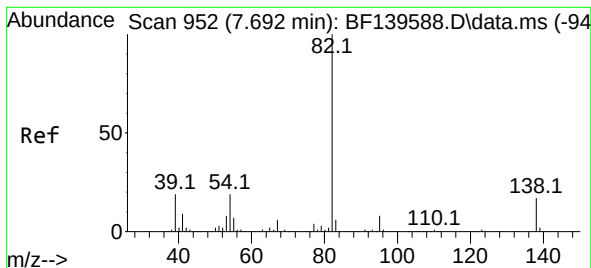
Lab File: BF139629.D

Acq: 03 Oct 2024 14:08

Tgt Ion: 77 Resp: 374738

Ion	Ratio	Lower	Upper
77	100		
123	41.8	34.2	51.4
65	14.9	12.1	18.1





#25

Isophorone

Concen: 49.955 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139629.D

Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS

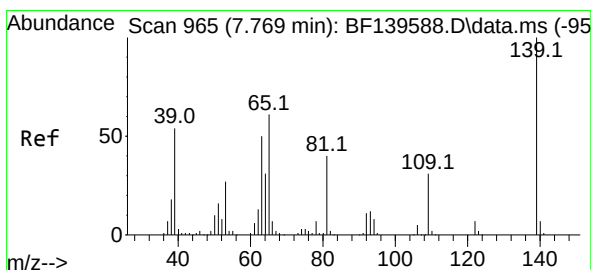
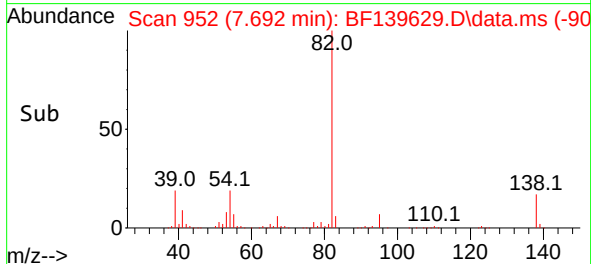
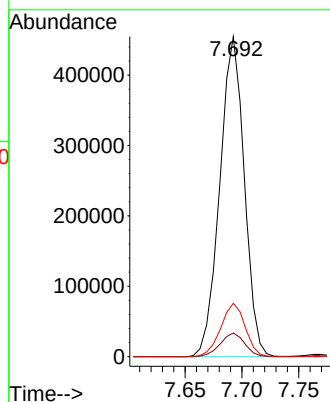
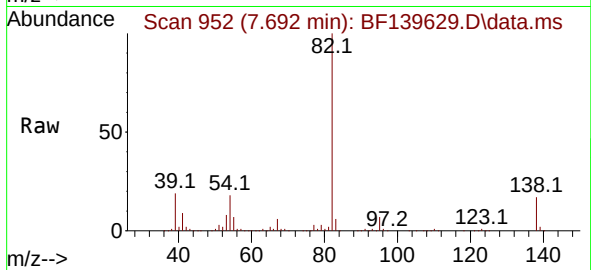
Tgt Ion: 82 Resp: 681784
 Ion Ratio Lower Upper
 82 100
 95 7.4 6.1 9.1
 138 16.7 13.4 20.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#26

2-Nitrophenol

Concen: 50.937 ng

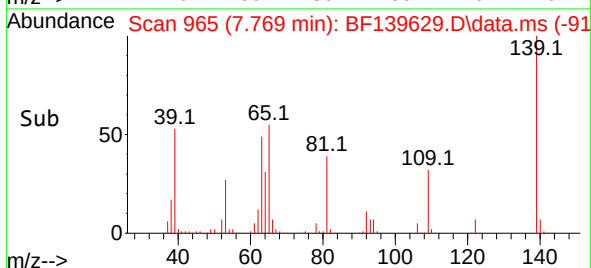
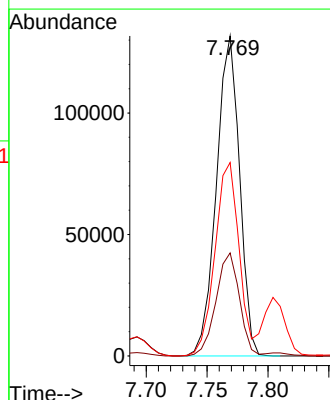
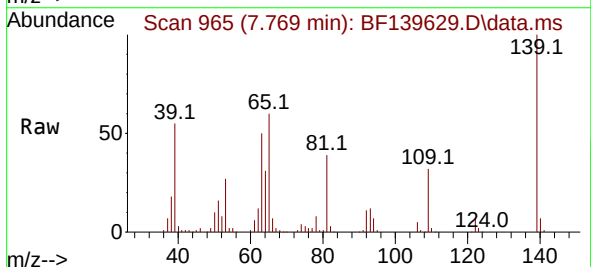
RT: 7.769 min Scan# 965

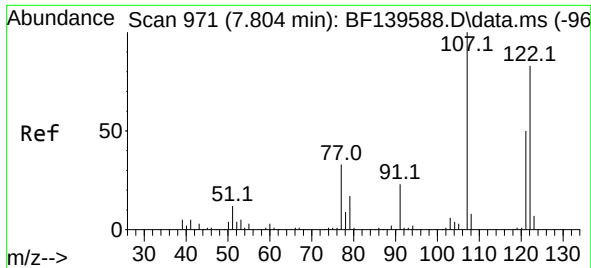
Delta R.T. -0.000 min

Lab File: BF139629.D

Acq: 03 Oct 2024 14:08

Tgt Ion:139 Resp: 174238
 Ion Ratio Lower Upper
 139 100
 109 32.2 24.9 37.3
 65 60.5 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 62.063 ng m

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139629.D

Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS

Tgt Ion:122 Resp: 25989

Ion Ratio Lower Upper

122 100

107 116.0 95.4 143.0

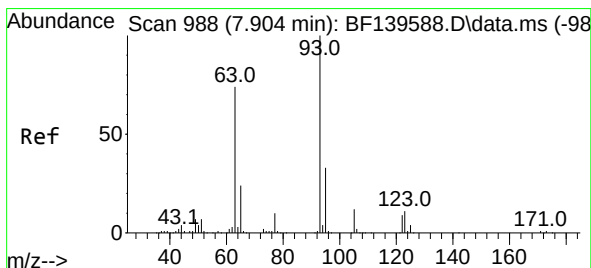
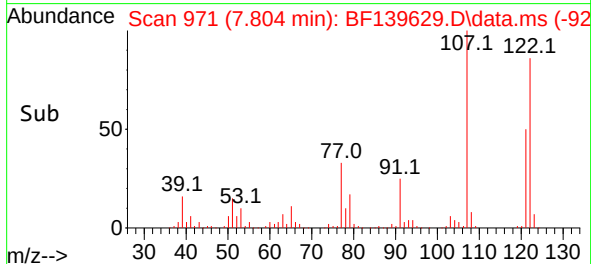
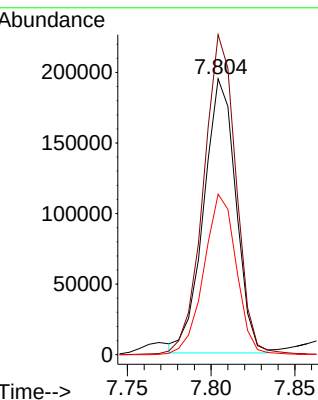
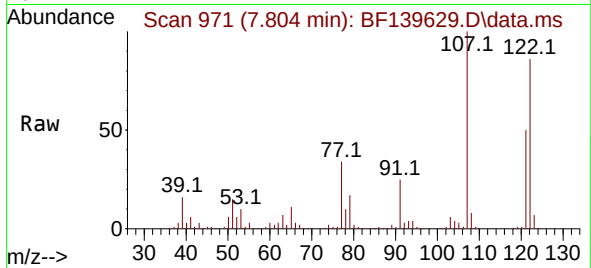
121 58.2 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#28

bis(2-Chloroethoxy)methane

Concen: 48.622 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF139629.D

Acq: 03 Oct 2024 14:08

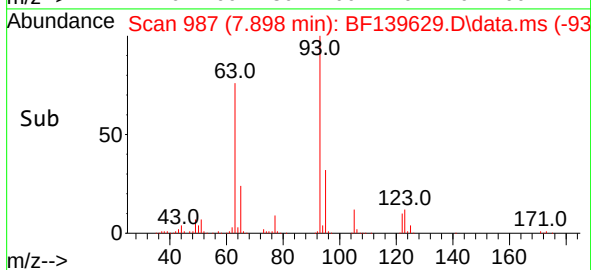
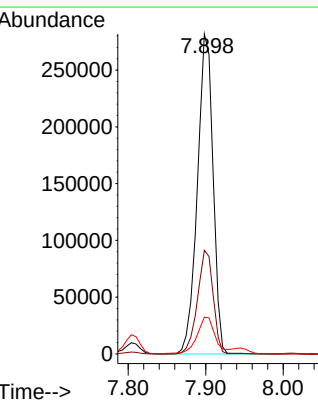
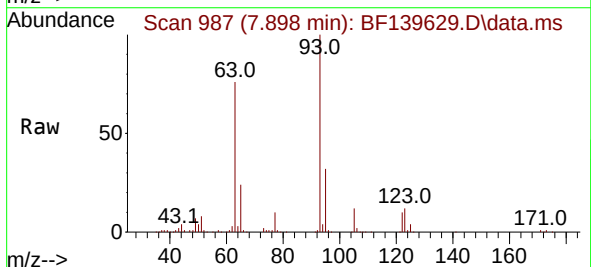
Tgt Ion: 93 Resp: 396261

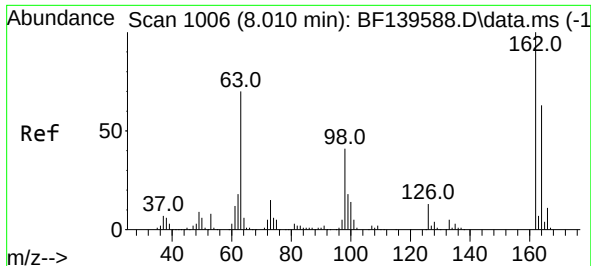
Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 50.919 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF139629.D

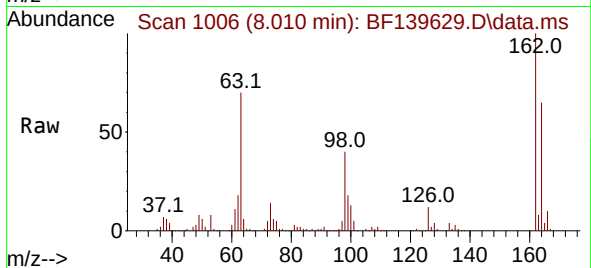
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS



Tgt Ion:162 Resp: 27812

Ion Ratio Lower Upper

162 100

164 64.6 43.1 83.1

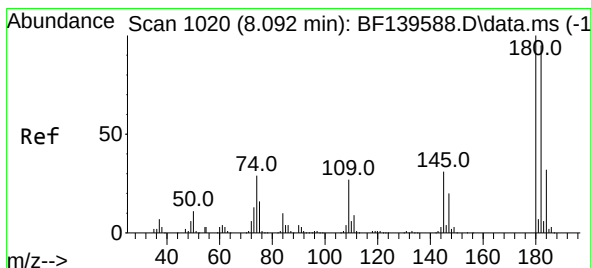
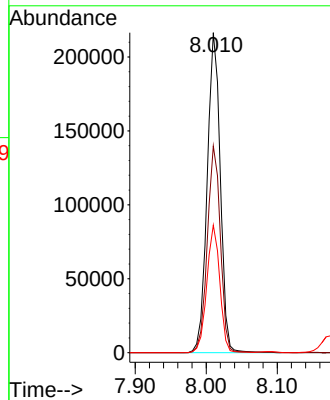
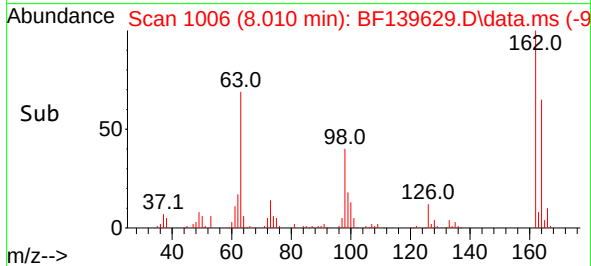
98 39.8 20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#30

1,2,4-Trichlorobenzene

Concen: 45.503 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF139629.D

Acq: 03 Oct 2024 14:08

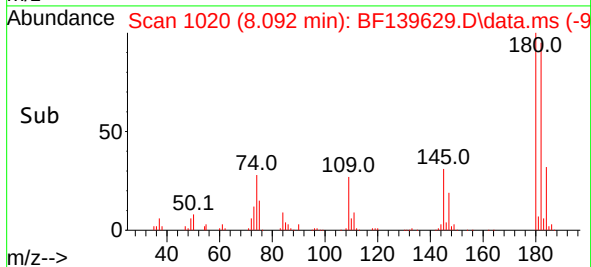
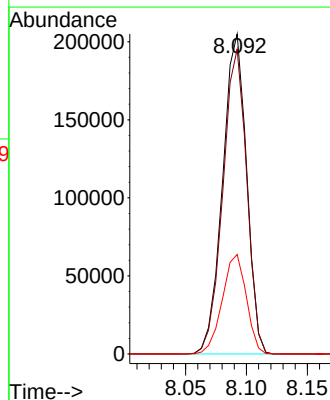
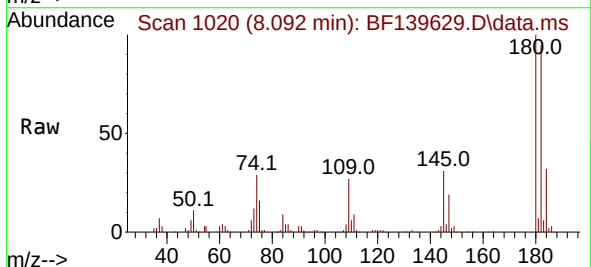
Tgt Ion:180 Resp: 281077

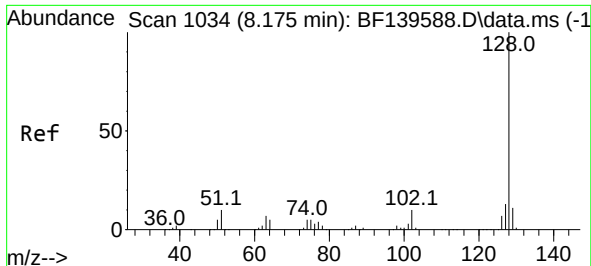
Ion Ratio Lower Upper

180 100

182 95.3 76.0 114.0

145 31.1 25.0 37.6





#31
Naphthalene
Concen: 47.747 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

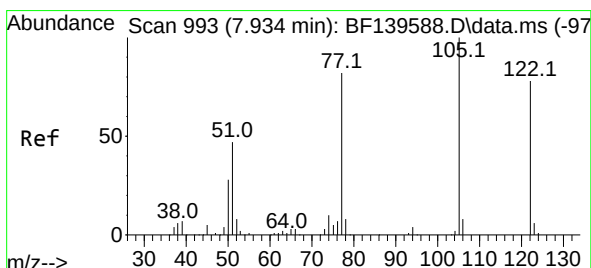
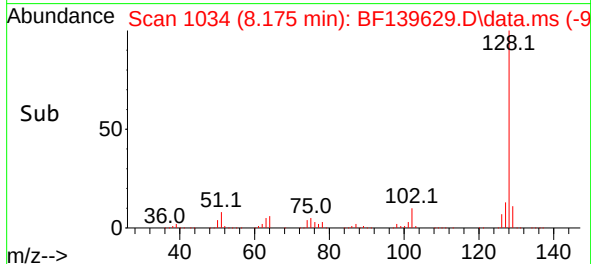
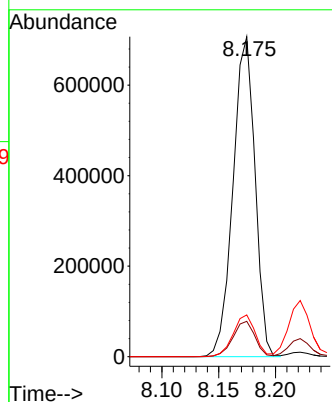
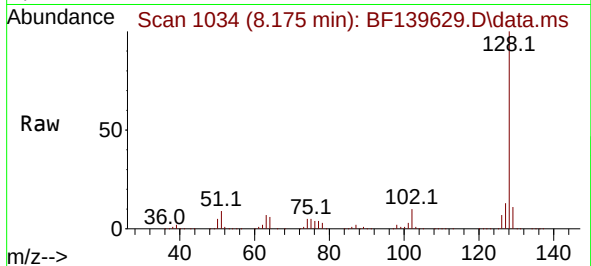
ClientSampleId :

PB163825BS

Tgt Ion:128 Resp: 94977
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.5 15.7

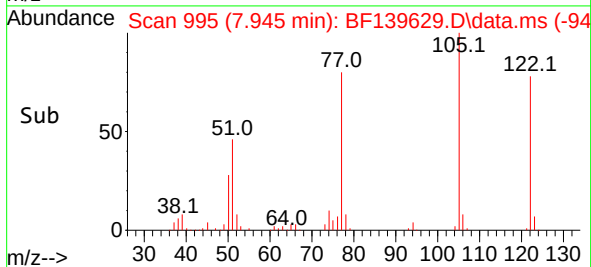
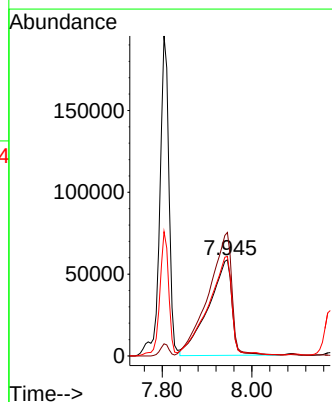
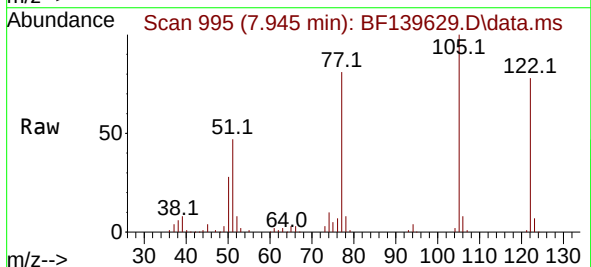
Manual Integrations
APPROVED

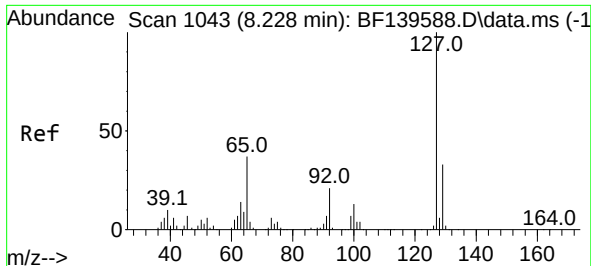
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#32
Benzoic acid
Concen: 51.145 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.012 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Tgt Ion:122 Resp: 212966
Ion Ratio Lower Upper
122 100
105 128.5 104.9 144.9
77 103.6 82.7 122.7





#33
4-Chloroaniline
Concen: 26.264 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

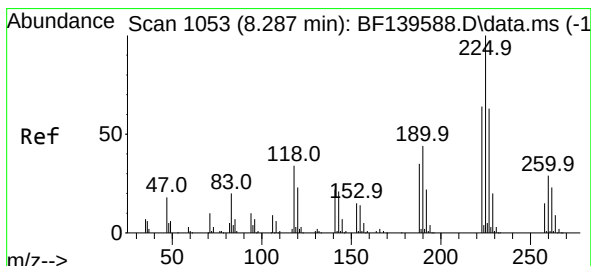
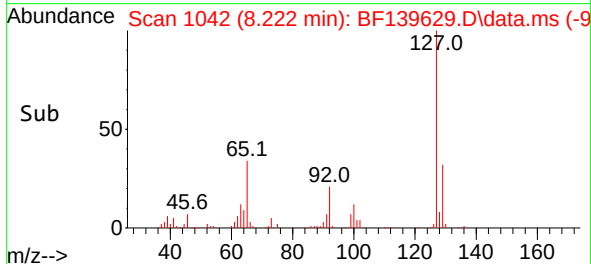
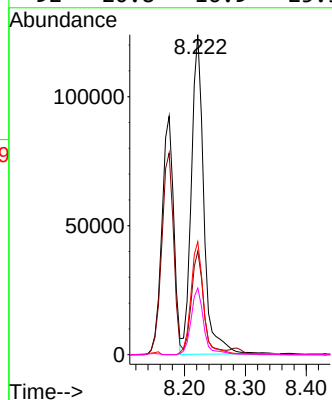
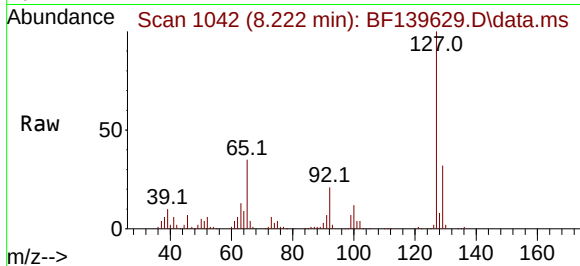
ClientSampleId :

PB163825BS

Tgt Ion:127 Resp: 17684
Ion Ratio Lower Upper
127 100
129 32.4 26.2 39.4
65 35.3 29.3 43.9
92 20.8 16.9 25.3

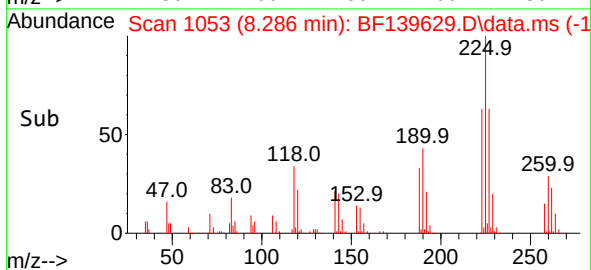
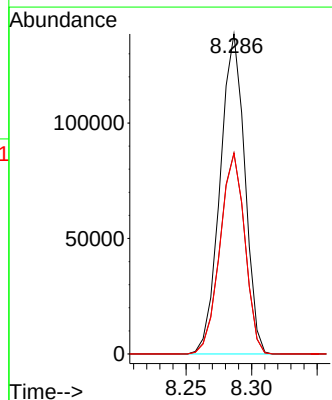
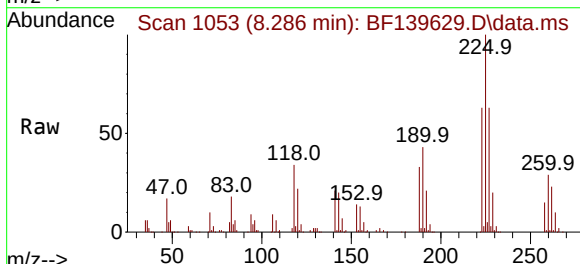
Manual Integrations
APPROVED

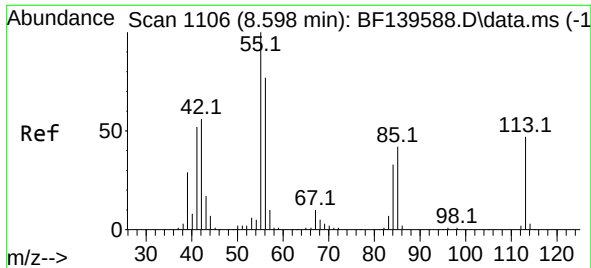
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#34
Hexachlorobutadiene
Concen: 45.299 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

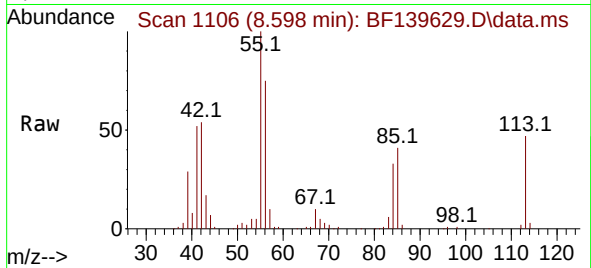
Tgt Ion:225 Resp: 181078
Ion Ratio Lower Upper
225 100
223 62.8 50.9 76.3
227 62.6 50.7 76.1





#35
Caprolactam
Concen: 50.377 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

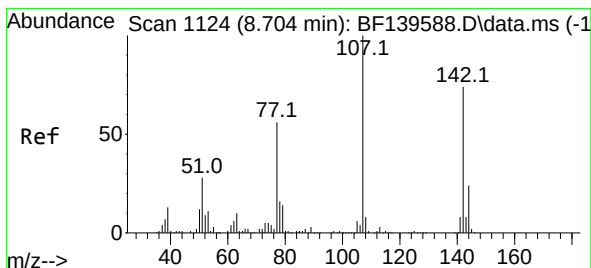
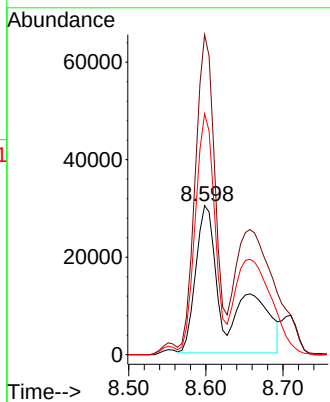
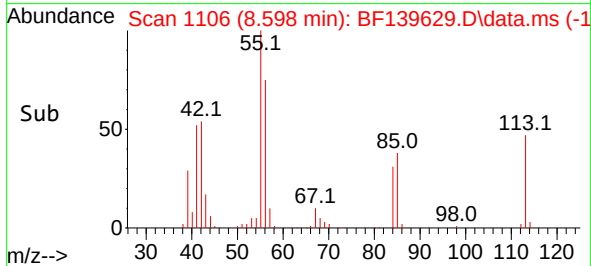
Instrument :
BNA_F
ClientSampleId :
PB163825BS



Tgt Ion:113 Resp: 9025
Ion Ratio Lower Upper
113 100
55 214.5 193.4 233.4
56 161.5 143.8 183.8

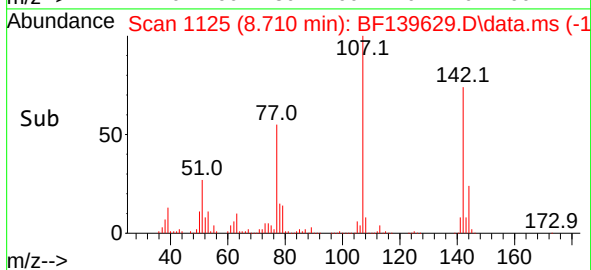
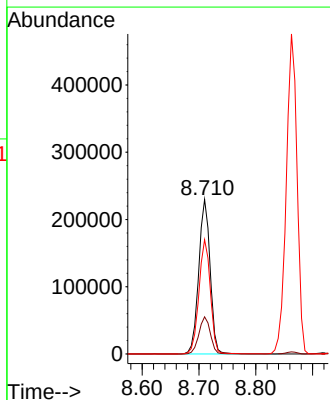
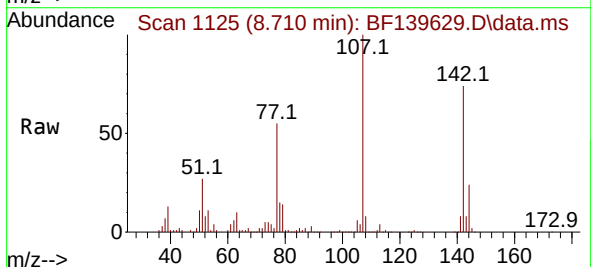
Manual Integrations
APPROVED

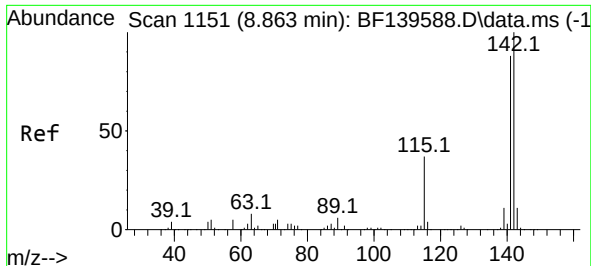
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#36
4-Chloro-3-methylphenol
Concen: 52.045 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Tgt Ion:107 Resp: 321800
Ion Ratio Lower Upper
107 100
144 24.0 19.0 28.6
142 74.0 59.2 88.8





#37

2-Methylnaphthalene

Concen: 48.534 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF139629.D

Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS

Tgt Ion:142 Resp: 628780

Ion Ratio Lower Upper

142 100

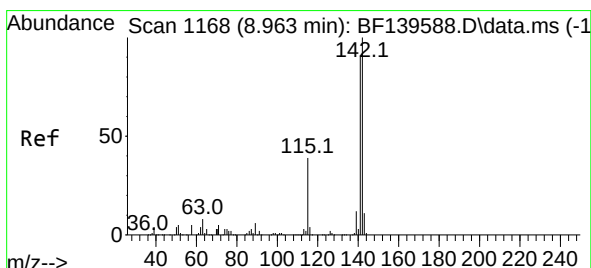
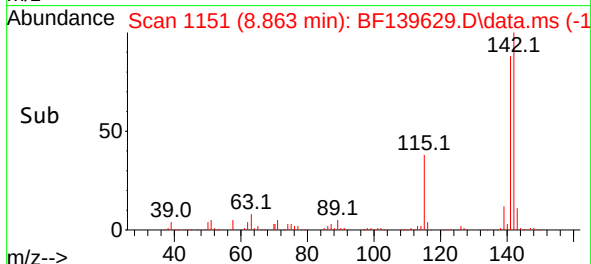
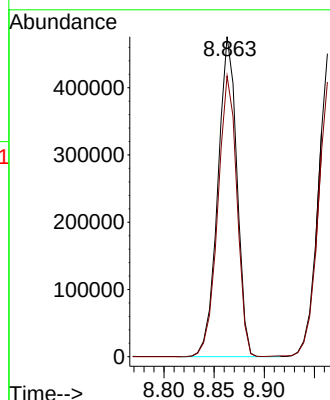
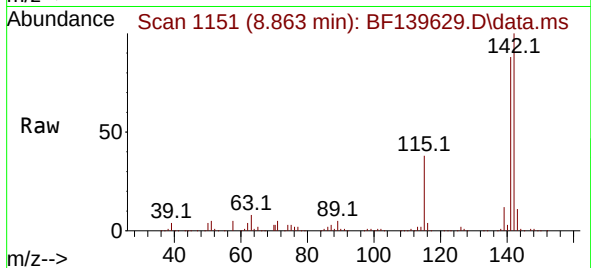
141 87.8 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#38

1-Methylnaphthalene

Concen: 46.804 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF139629.D

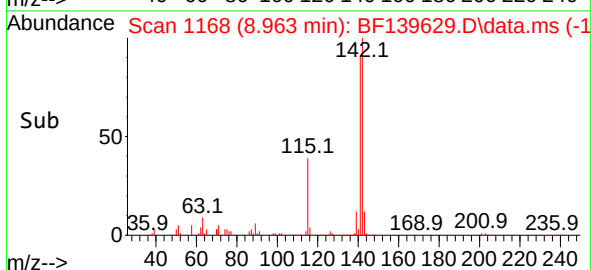
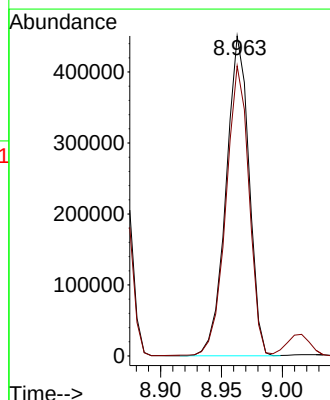
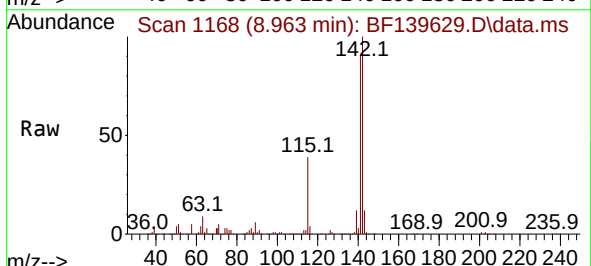
Acq: 03 Oct 2024 14:08

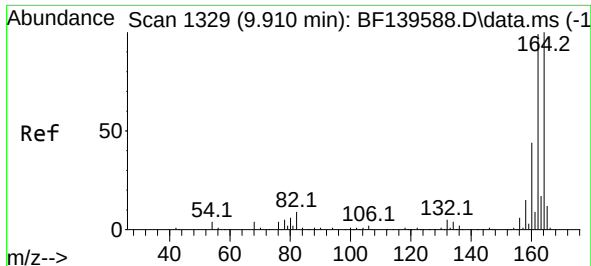
Tgt Ion:142 Resp: 592709

Ion Ratio Lower Upper

142 100

141 90.7 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 11328

Delta R.T. -0.006 min

Lab File: BF139629.D

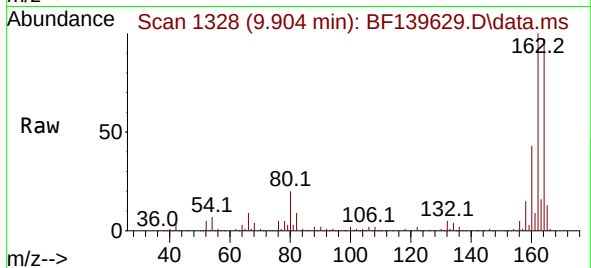
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS



Tgt Ion:164 Resp: 223000

Ion Ratio Lower Upper

164 100

162 102.7 79.4 119.0

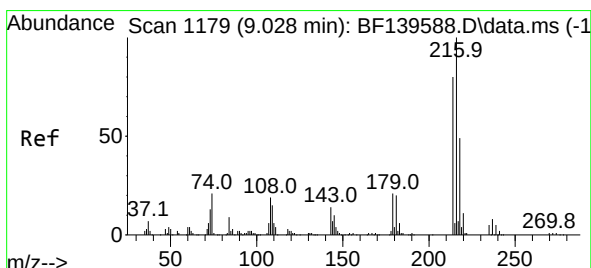
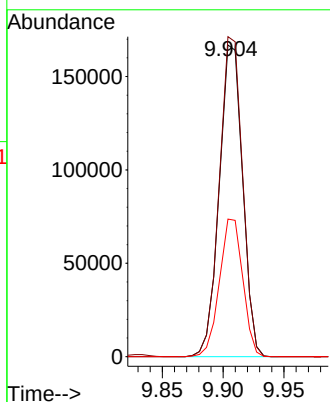
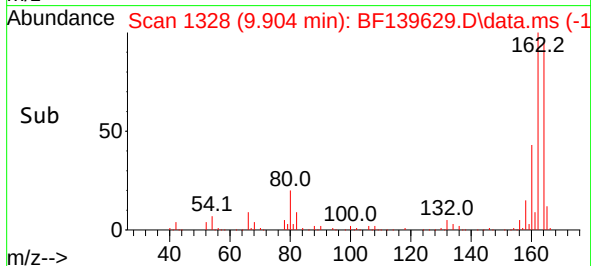
160 44.2 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.586 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF139629.D

Acq: 03 Oct 2024 14:08

Tgt Ion:216 Resp: 294678

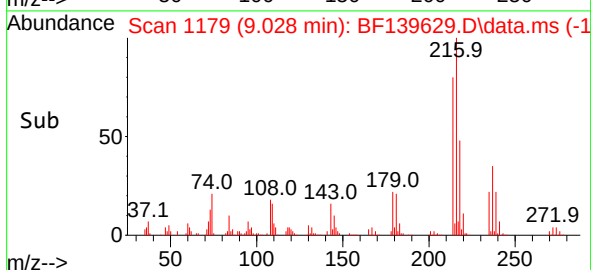
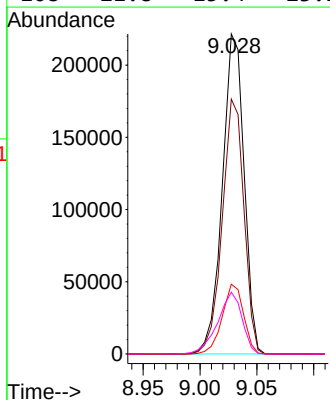
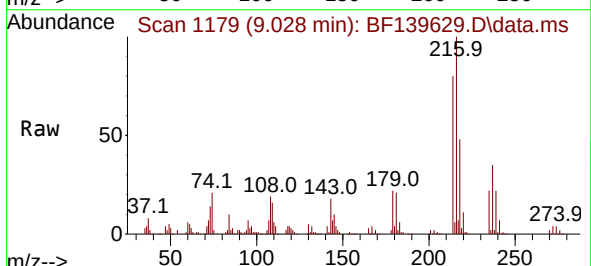
Ion Ratio Lower Upper

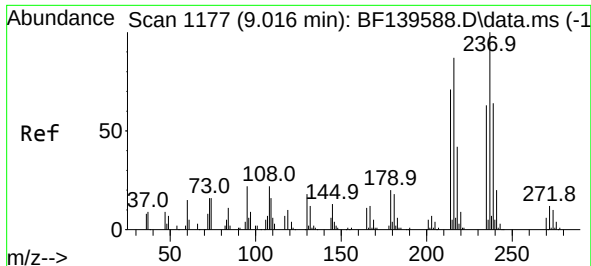
216 100

214 79.2 63.7 95.5

179 21.4 16.9 25.3

108 21.8 15.4 23.2





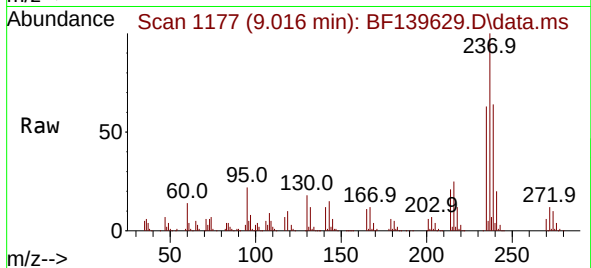
#41
Hexachlorocyclopentadiene
Concen: 181.335 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS

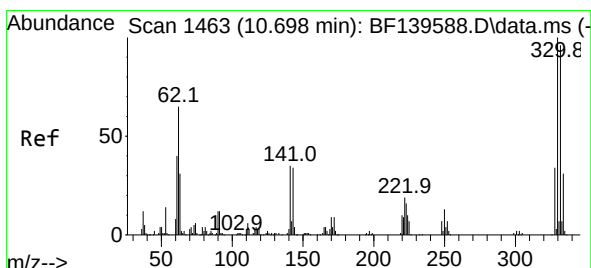
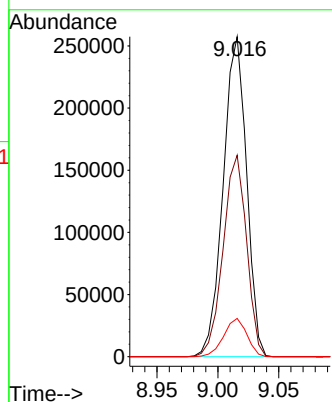
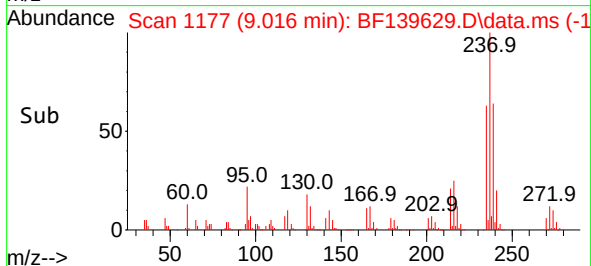


Tgt Ion:237 Resp: 344314
Ion Ratio Lower Upper
237 100
235 63.0 42.5 82.5
272 11.9 0.0 32.1

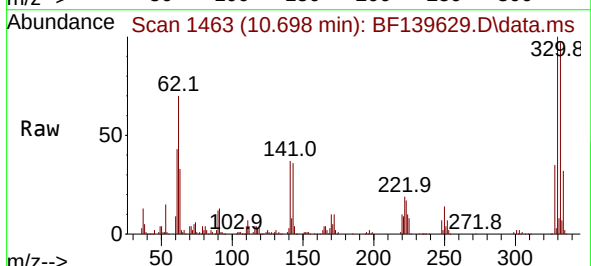
Manual Integrations

APPROVED

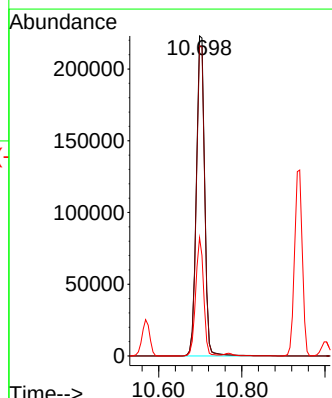
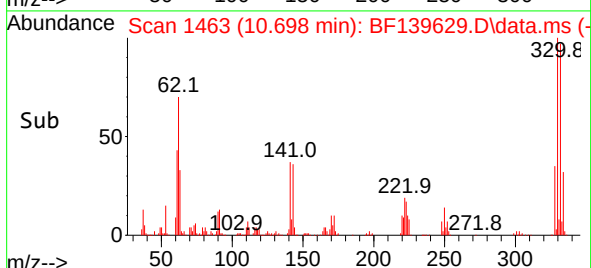
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

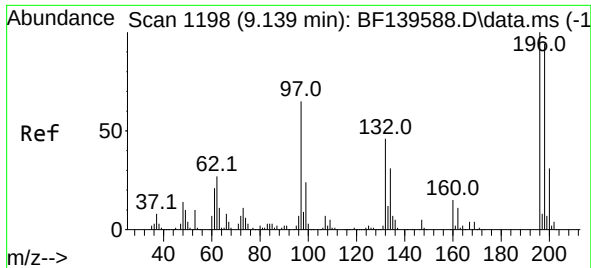


#42
2,4,6-Tribromophenol
Concen: 143.479 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08



Tgt Ion:330 Resp: 308871
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 35.4 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 50.659 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

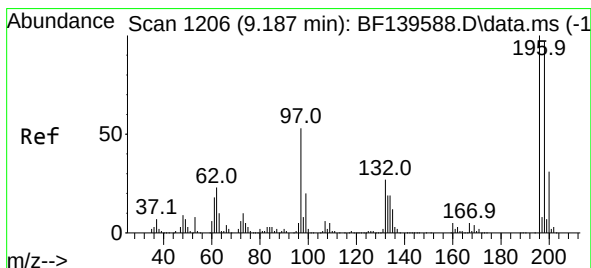
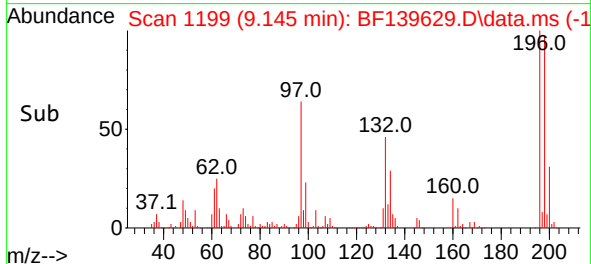
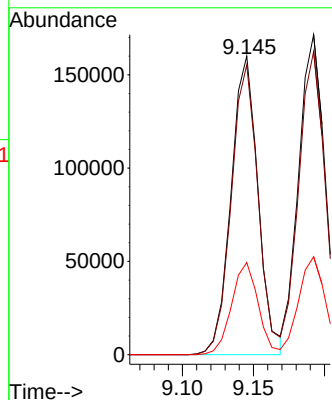
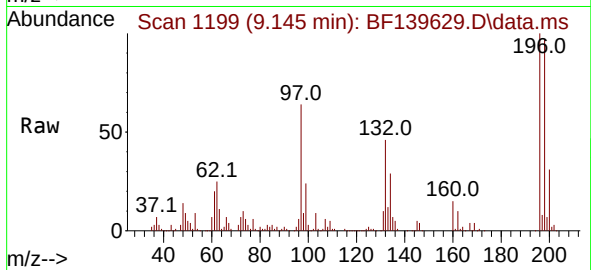
PB163825BS

Tgt Ion:196 Resp: 211470
Ion Ratio Lower Upper
196 100
198 97.0 75.2 112.8
200 30.8 24.6 37.0

Manual Integrations

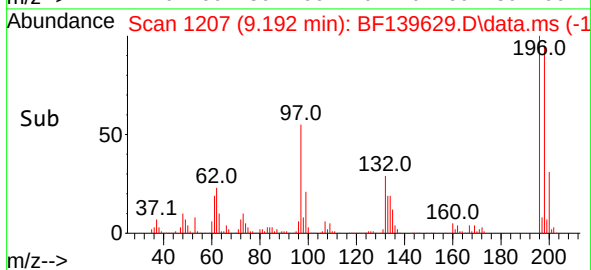
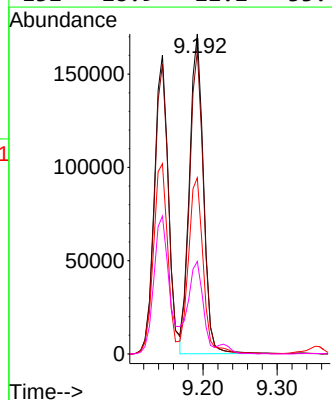
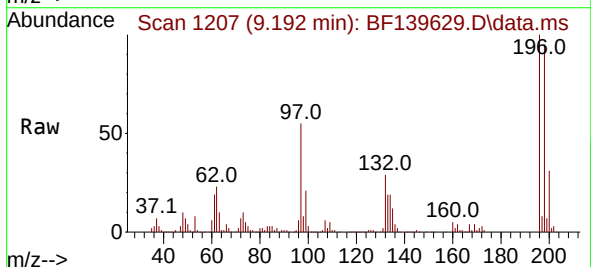
APPROVED

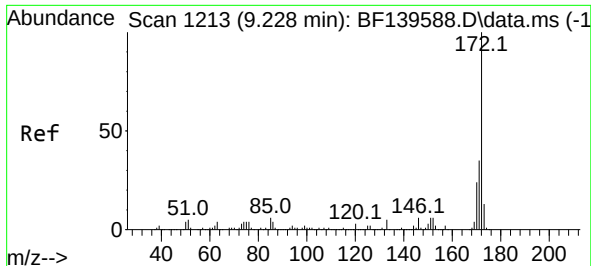
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#44
2,4,5-Trichlorophenol
Concen: 49.950 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Tgt Ion:196 Resp: 224869
Ion Ratio Lower Upper
196 100
198 94.8 77.5 116.3
97 55.0 43.1 64.7
132 28.9 22.2 33.4





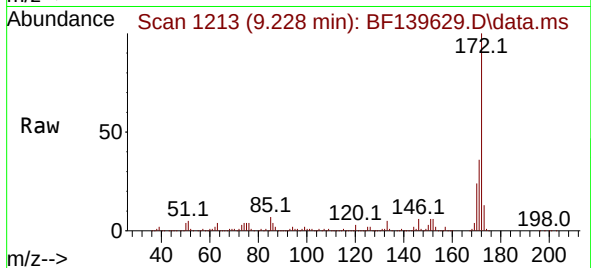
#45
2-Fluorobiphenyl
Concen: 92.788 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS



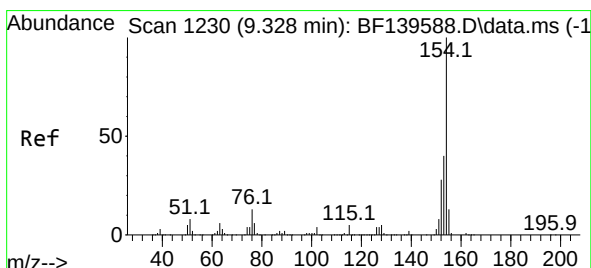
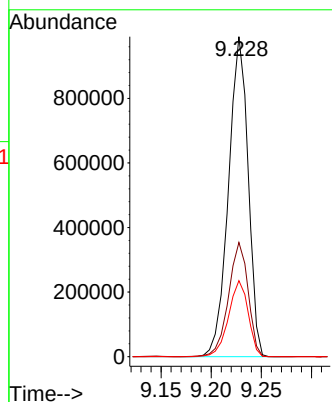
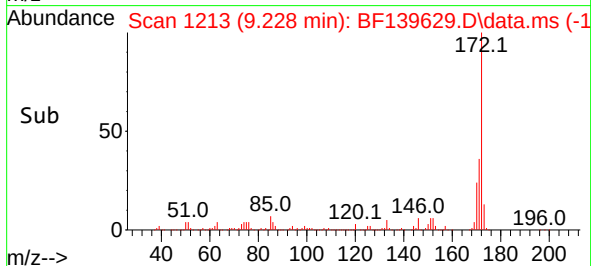
Tgt Ion:172 Resp: 1347849
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.7 18.8 28.2

Manual Integrations

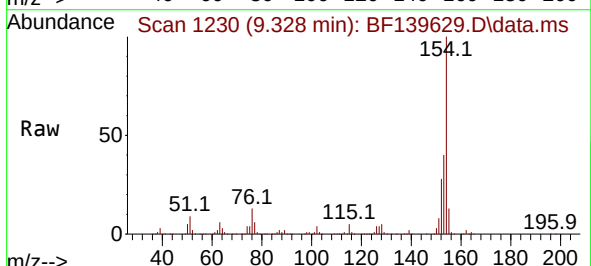
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

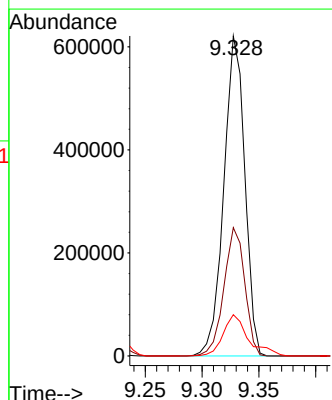
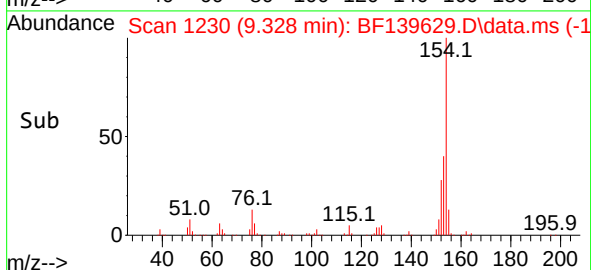
Supervised By :mohammad ahmed 10/05/2024

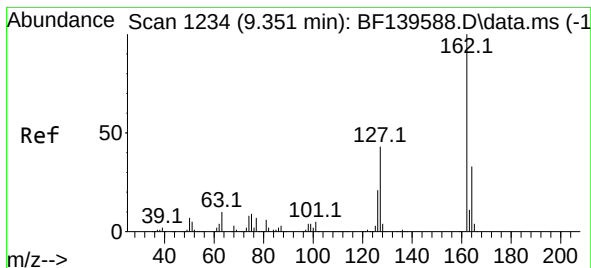


#46
1,1'-Biphenyl
Concen: 48.124 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08



Tgt Ion:154 Resp: 798204
Ion Ratio Lower Upper
154 100
153 40.1 20.1 60.1
76 12.9 0.0 32.6





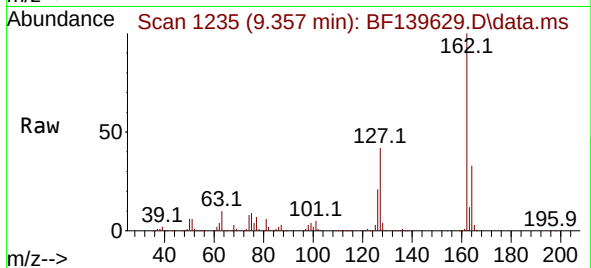
#47
2-Chloronaphthalene
Concen: 47.755 ng
RT: 9.357 min Scan# 1235
Delta R.T. 0.006 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS

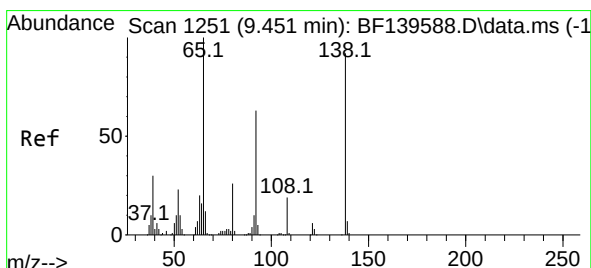
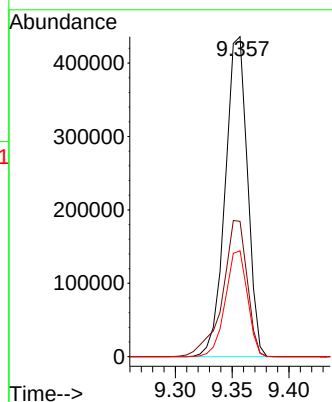
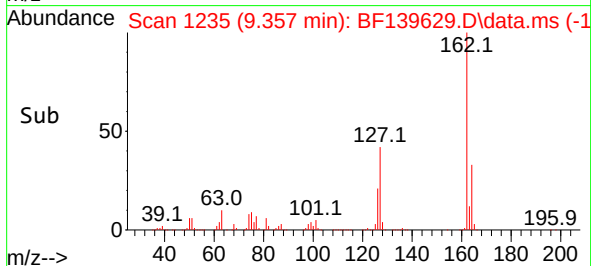


Tgt Ion:162 Resp: 593799
Ion Ratio Lower Upper
162 100
127 42.3 35.0 52.4
164 33.1 26.1 39.1

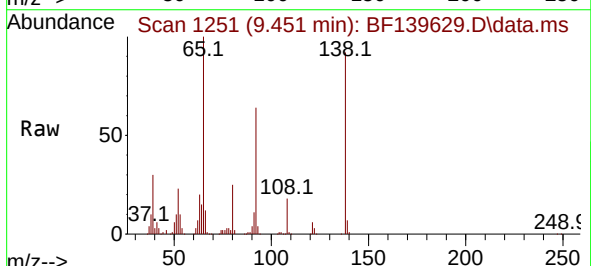
Manual Integrations

APPROVED

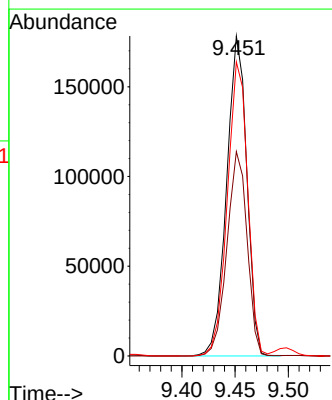
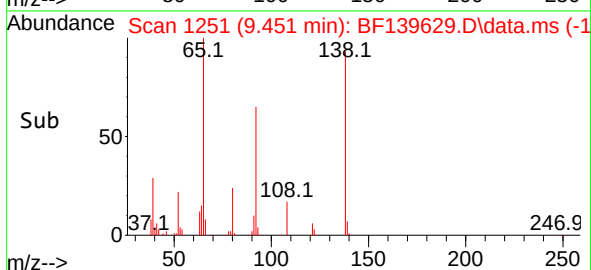
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

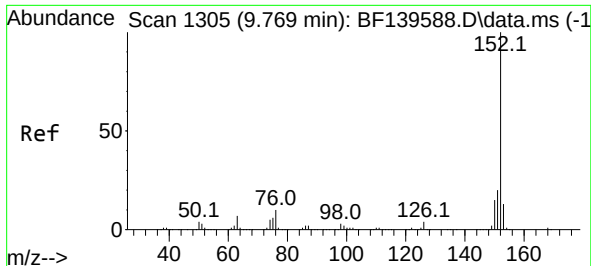


#48
2-Nitroaniline
Concen: 52.707 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08



Tgt Ion: 65 Resp: 235262
Ion Ratio Lower Upper
65 100
92 63.8 50.0 75.0
138 91.9 73.8 110.8





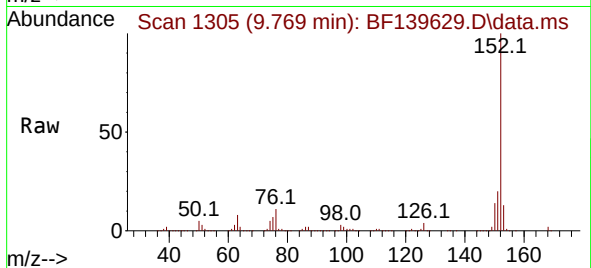
#49
Acenaphthylene
Concen: 52.783 ng
RT: 9.769 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS

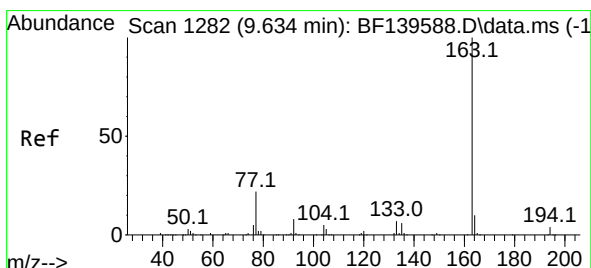
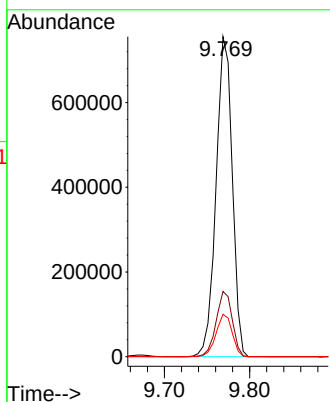
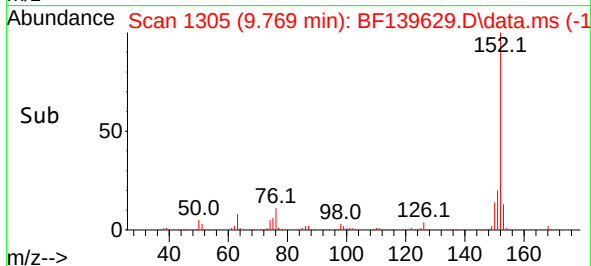


Tgt Ion:152 Resp: 99811
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.3 10.5 15.7

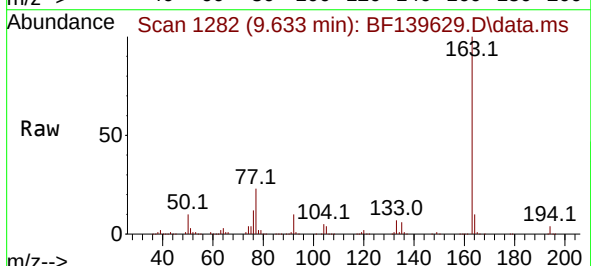
Manual Integrations

APPROVED

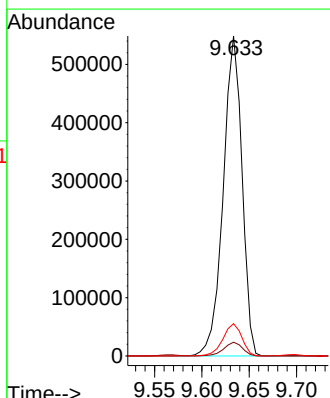
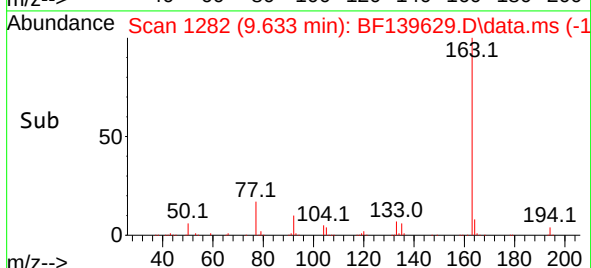
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

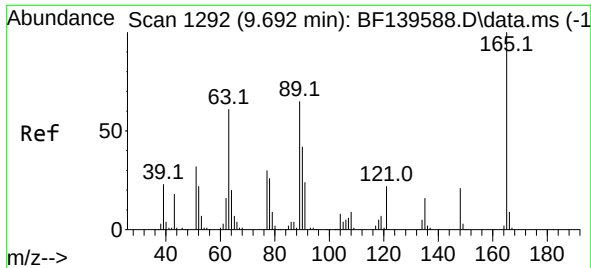


#50
Dimethylphthalate
Concen: 51.870 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08



Tgt Ion:163 Resp: 757202
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 49.131 ng
RT: 9.698 min Scan# 1292
Delta R.T. 0.006 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

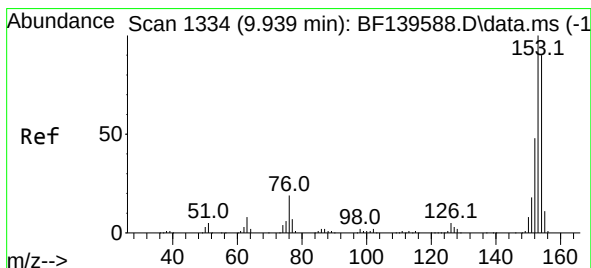
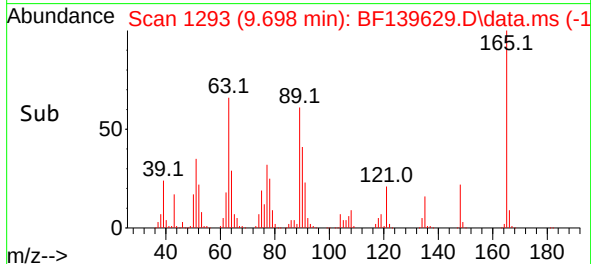
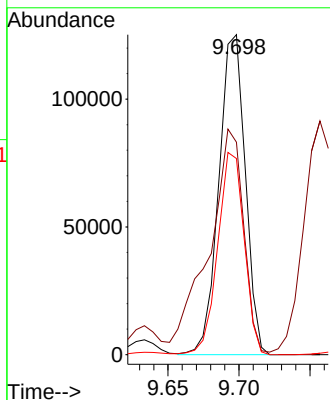
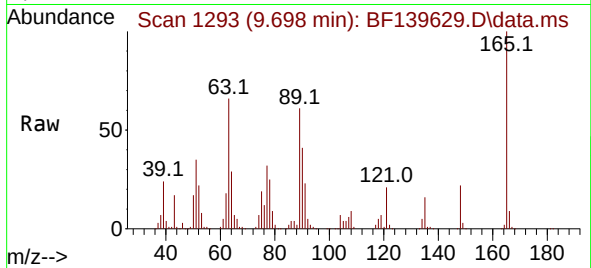
ClientSampleId :

PB163825BS

Tgt Ion:165 Resp: 162010
Ion Ratio Lower Upper
165 100
63 66.4 56.7 85.1
89 61.3 51.6 77.4

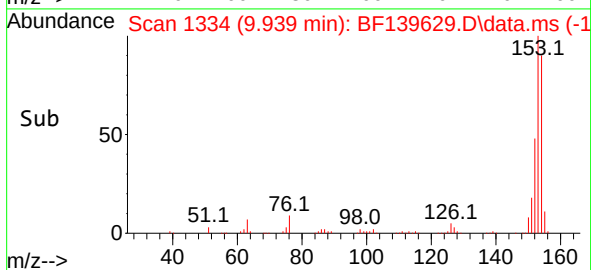
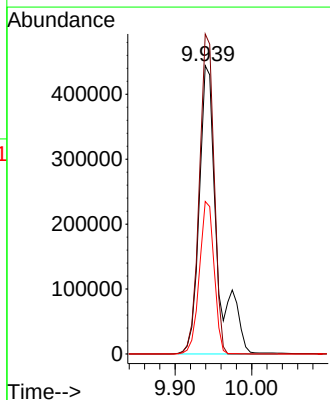
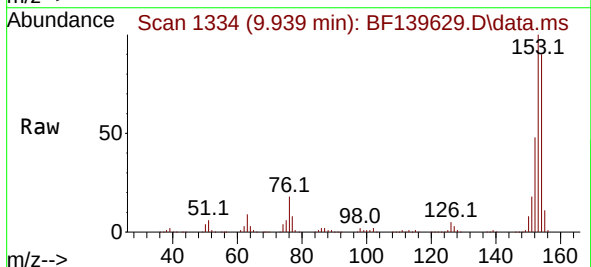
Manual Integrations
APPROVED

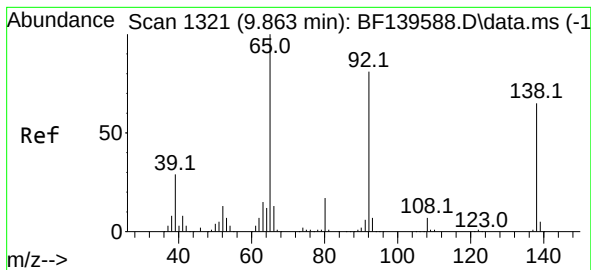
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#52
Acenaphthene
Concen: 56.071 ng m
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Tgt Ion:154 Resp: 727894
Ion Ratio Lower Upper
154 100
153 111.0 88.8 133.2
152 52.9 42.5 63.7





#53
3-Nitroaniline
Concen: 34.976 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

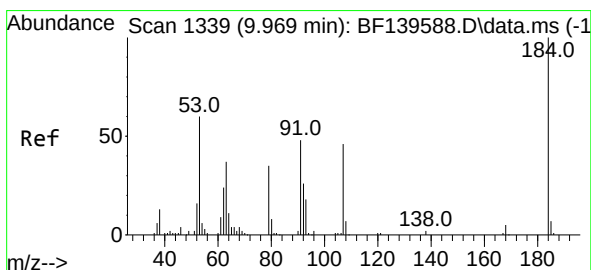
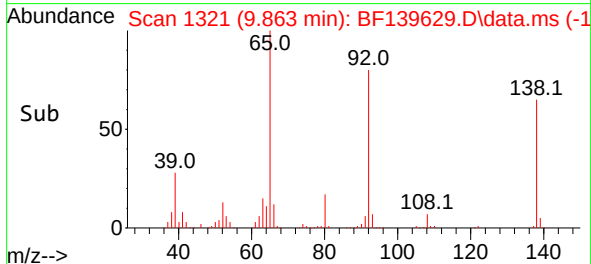
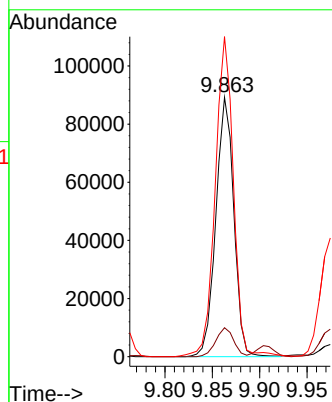
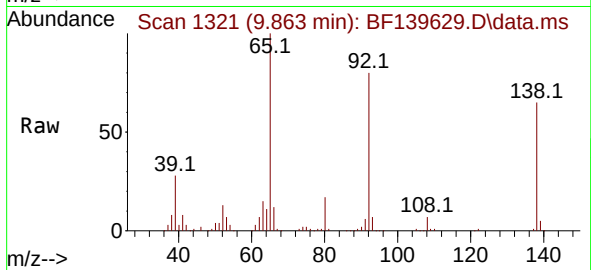
ClientSampleId :

PB163825BS

Tgt Ion:138 Resp: 11786
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 123.3 100.0 150.0

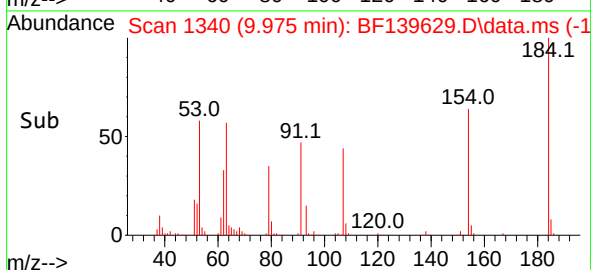
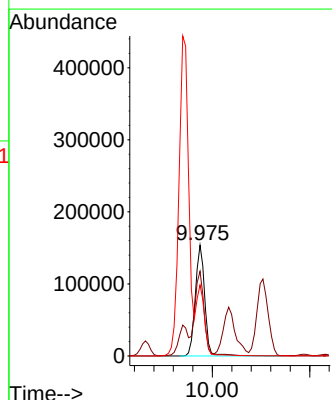
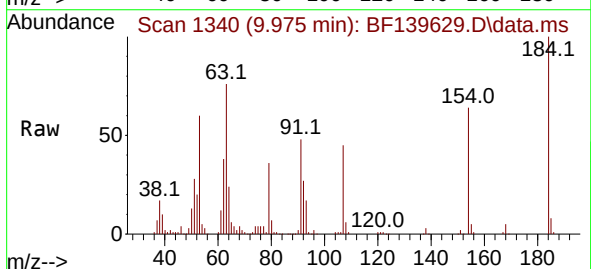
Manual Integrations
APPROVED

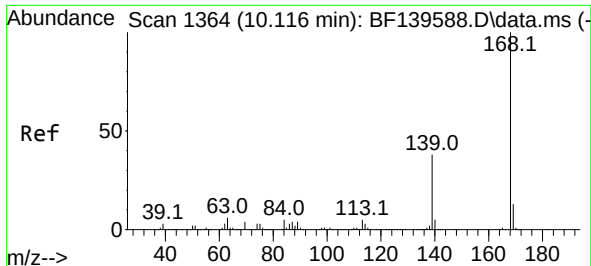
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#54
2,4-Dinitrophenol
Concen: 118.654 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

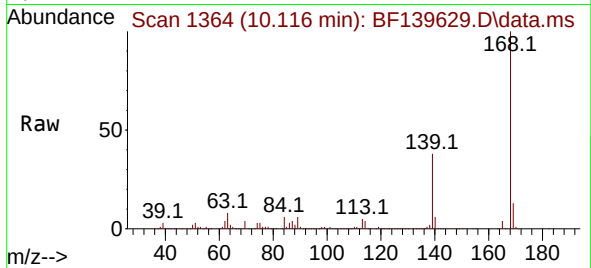
Tgt Ion:184 Resp: 210452
Ion Ratio Lower Upper
184 100
63 76.5 61.7 92.5
154 64.1 53.0 79.4





#55
Dibenzofuran
Concen: 49.993 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

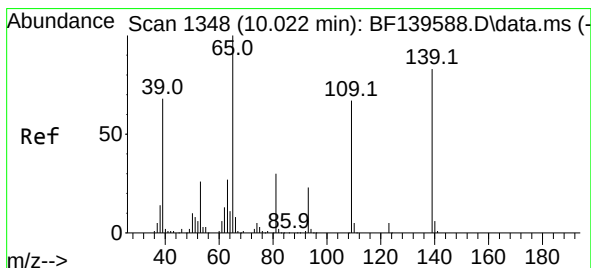
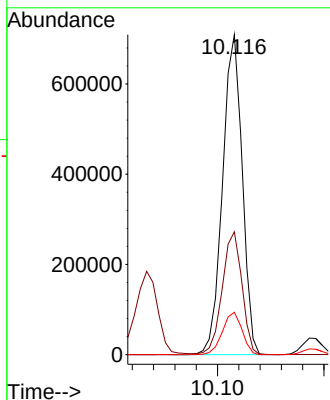
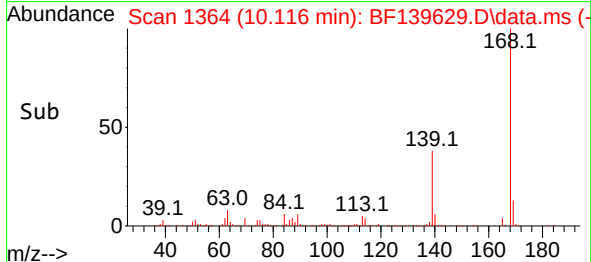
Instrument :
BNA_F
ClientSampleId :
PB163825BS



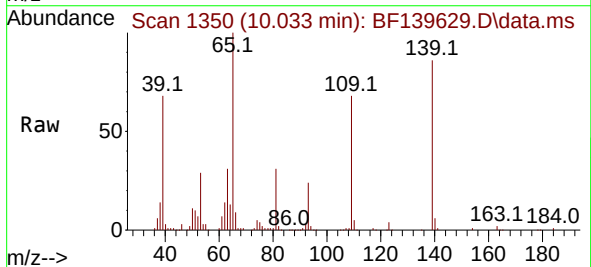
Tgt Ion:168 Resp: 90867
Ion Ratio Lower Upper
168 100
139 38.4 30.4 45.6
169 13.3 10.7 16.1

Manual Integrations
APPROVED

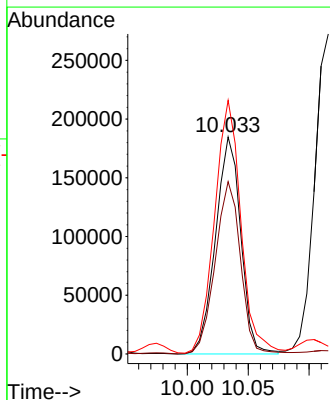
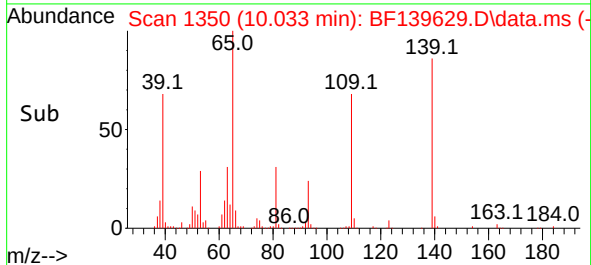
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

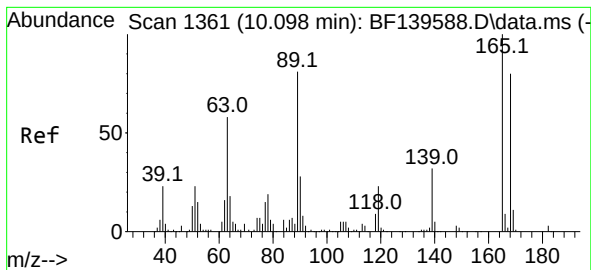


#56
4-Nitrophenol
Concen: 103.749 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08



Tgt Ion:139 Resp: 266617
Ion Ratio Lower Upper
139 100
109 79.5 60.3 100.3
65 116.9 100.8 140.8





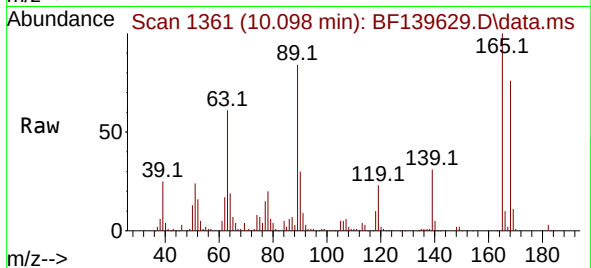
#57
2,4-Dinitrotoluene
Concen: 51.501 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS



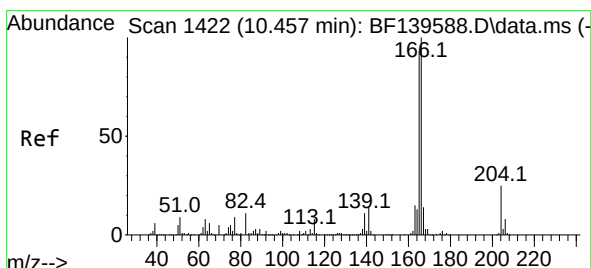
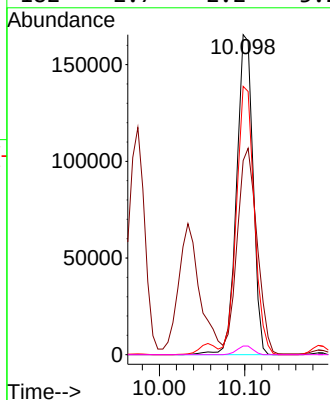
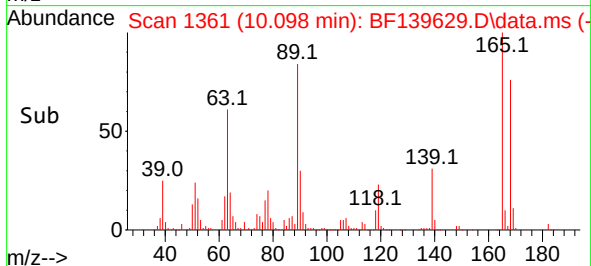
Tgt Ion:165 Resp: 22198
Ion Ratio Lower Upper
165 100
63 60.7 46.9 70.3
89 83.8 64.4 96.6
182 2.7 2.2 3.2

Manual Integrations

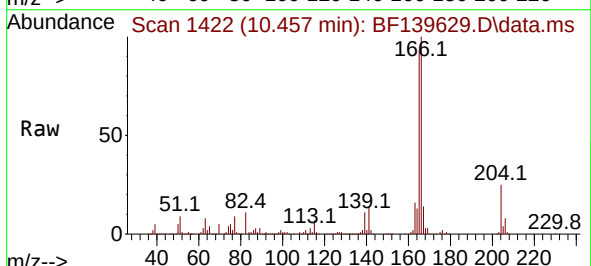
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

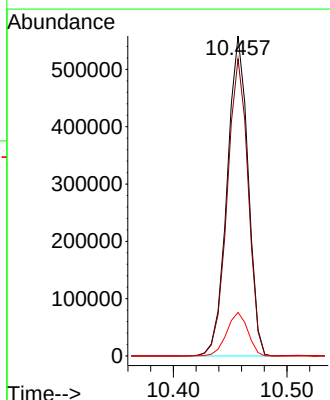
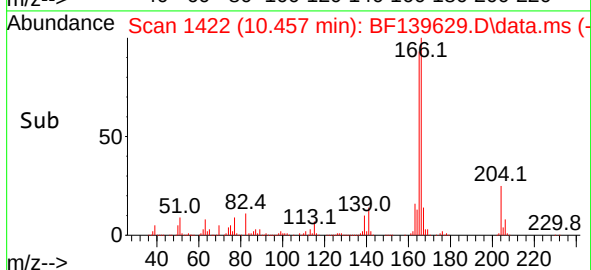
Supervised By :mohammad ahmed 10/05/2024

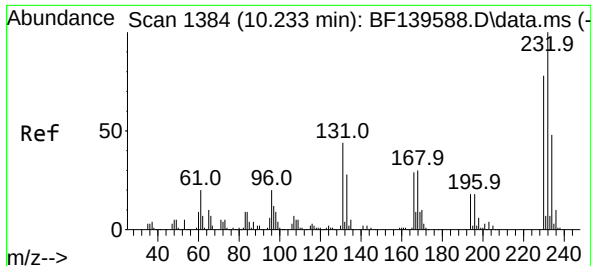


#58
Fluorene
Concen: 49.323 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08



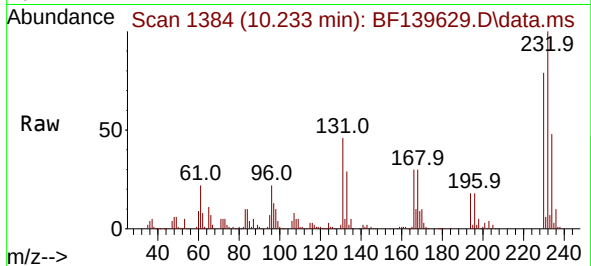
Tgt Ion:166 Resp: 714043
Ion Ratio Lower Upper
166 100
165 92.9 74.4 111.6
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.045 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

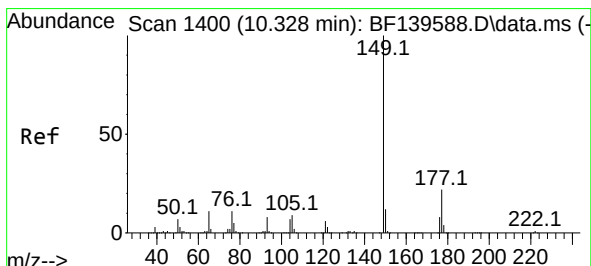
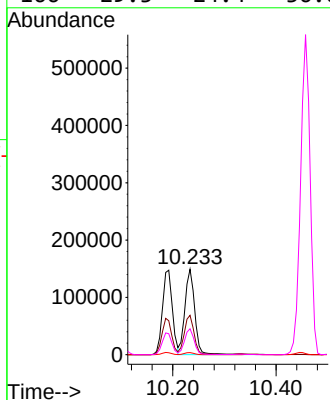
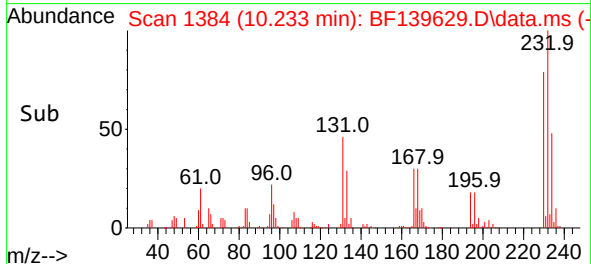
Instrument :
BNA_F
ClientSampleId :
PB163825BS



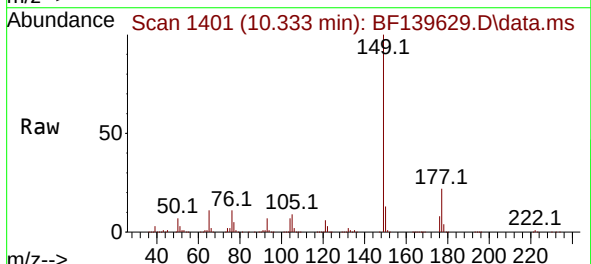
Tgt Ion:232 Resp: 19651
Ion Ratio Lower Upper
232 100
131 46.4 37.8 56.6
130 2.4 1.9 2.9
166 29.3 24.4 36.6

Manual Integrations
APPROVED

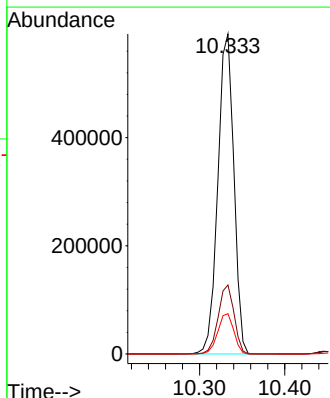
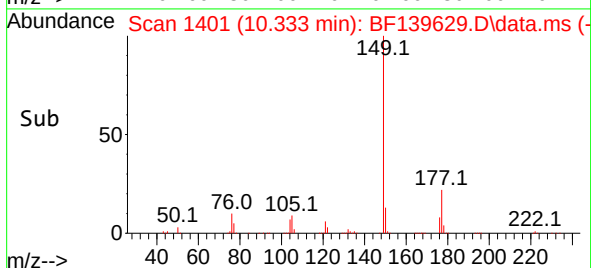
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

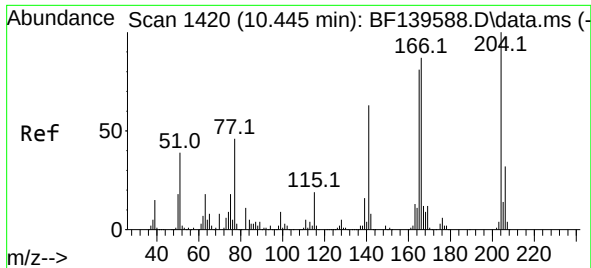


#60
Diethylphthalate
Concen: 51.309 ng
RT: 10.333 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08



Tgt Ion:149 Resp: 773644
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.0
150 12.6 10.0 15.0





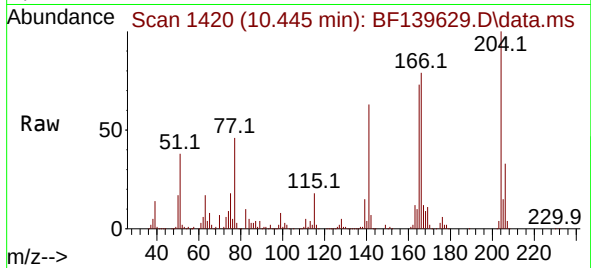
#61
4-Chlorophenyl-phenylether
Concen: 48.960 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS

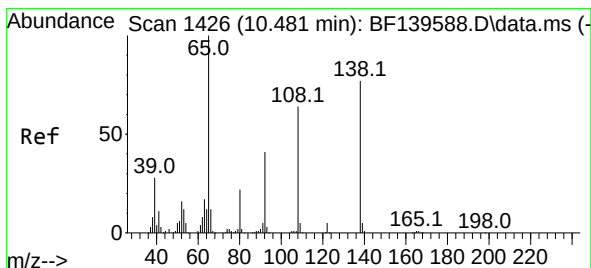
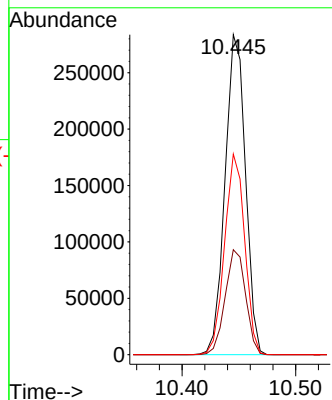
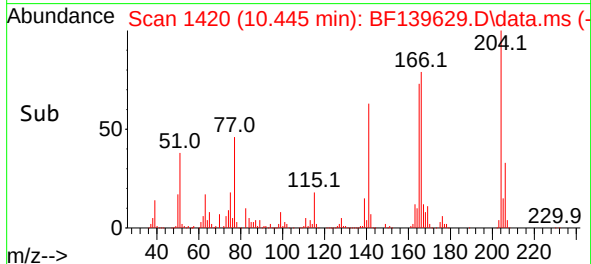


Tgt Ion:204 Resp: 35459
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 62.7 50.5 75.7

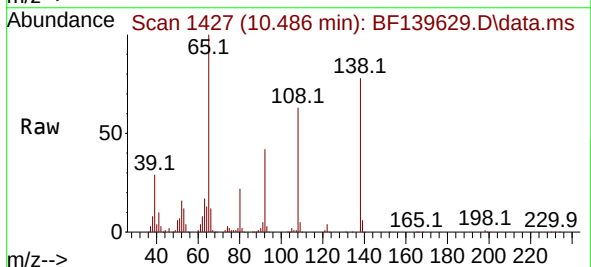
Manual Integrations

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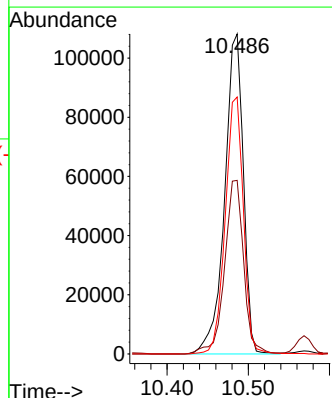
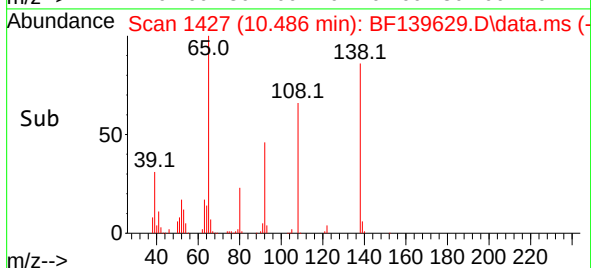
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

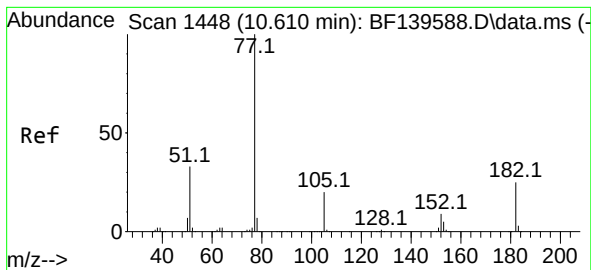


#62
4-Nitroaniline
Concen: 50.312 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08



Tgt Ion:138 Resp: 173424
Ion Ratio Lower Upper
138 100
92 54.3 33.3 73.3
108 80.3 62.1 102.1





#63

Azobenzene

Concen: 51.349 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF139629.D

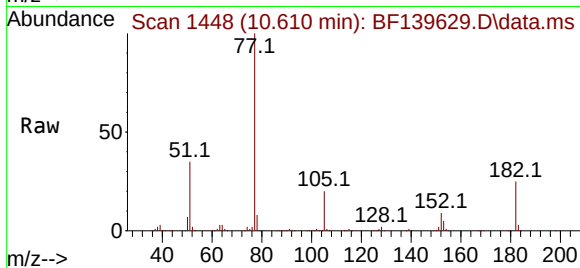
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS



Tgt Ion: 77 Resp: 77862

Ion Ratio Lower Upper

77 100

182 24.6 4.2 44.2

105 19.8 0.0 39.6

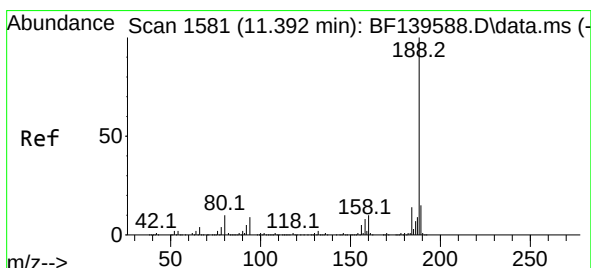
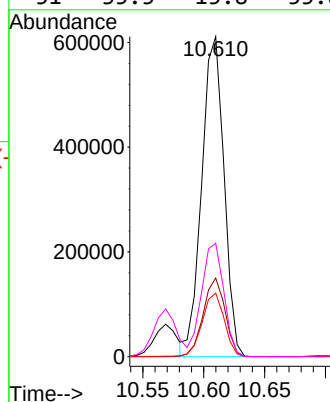
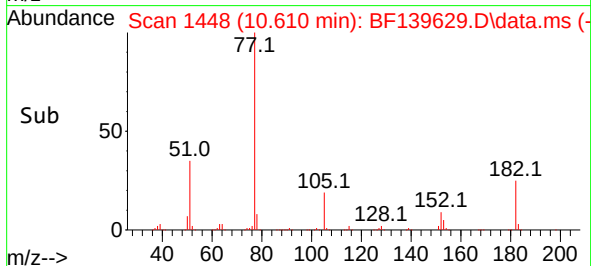
51 35.5 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF139629.D

Acq: 03 Oct 2024 14:08

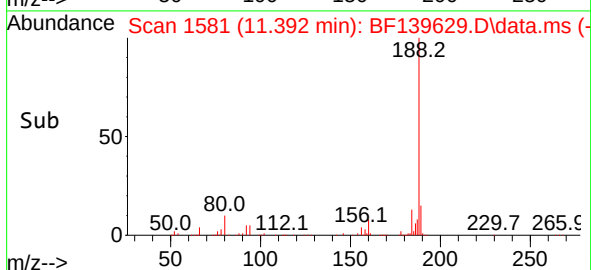
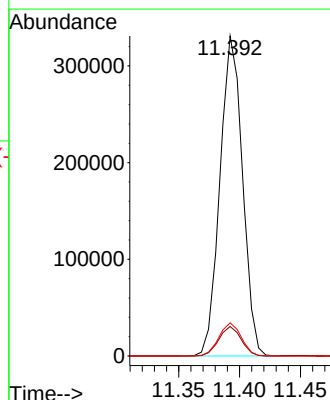
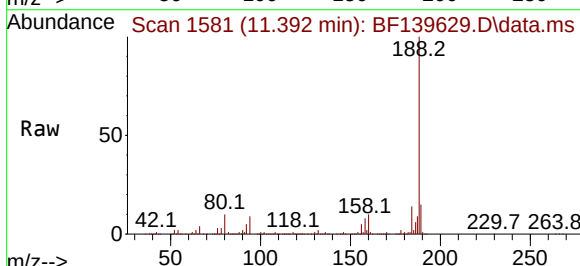
Tgt Ion:188 Resp: 427231

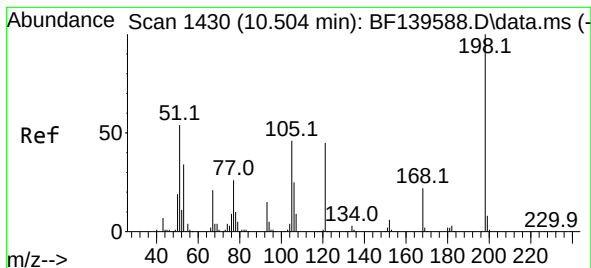
Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

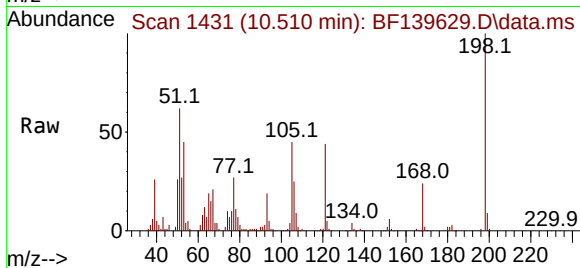
80 10.4 8.2 12.2





#65
4,6-Dinitro-2-methylphenol
Concen: 53.655 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

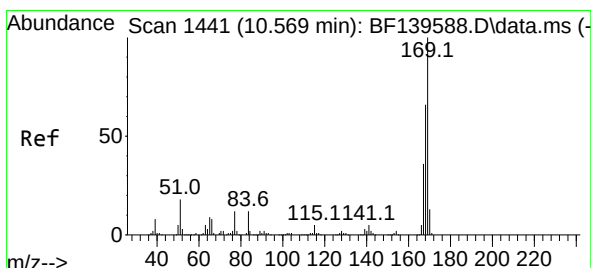
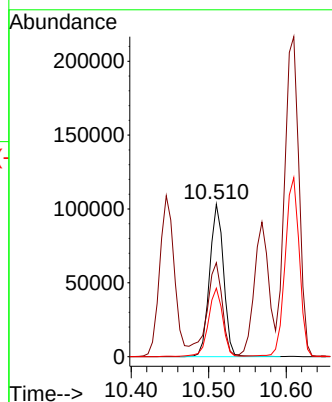
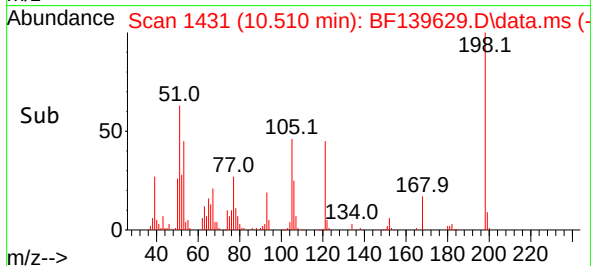
Instrument :
BNA_F
ClientSampleId :
PB163825BS



Tgt Ion:198 Resp: 129460
Ion Ratio Lower Upper
198 100
51 61.6 43.0 83.0
105 44.9 26.6 66.6

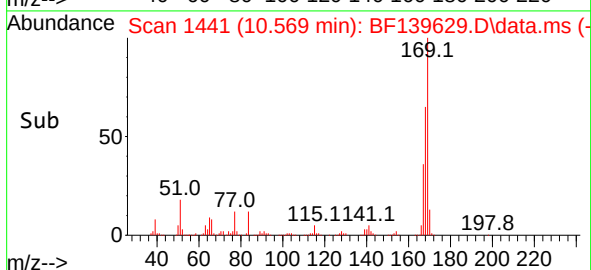
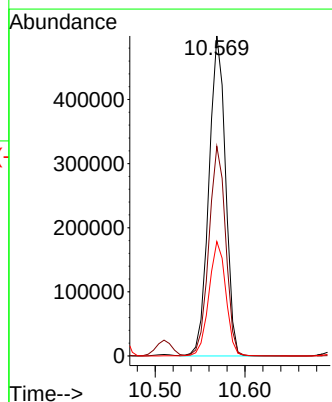
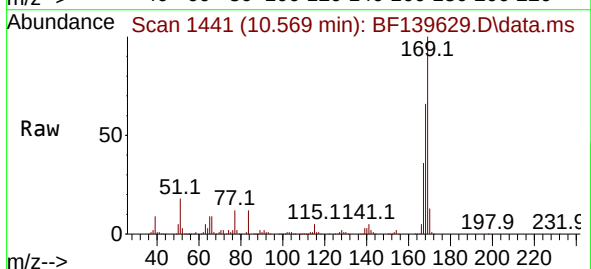
Manual Integrations
APPROVED

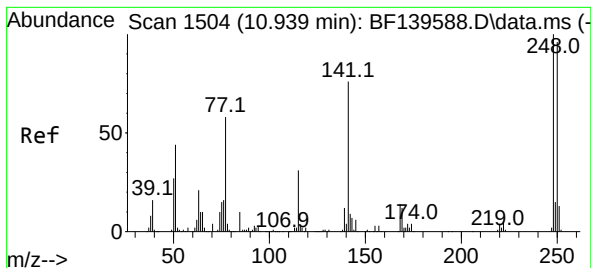
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#66
n-Nitrosodiphenylamine
Concen: 50.888 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Tgt Ion:169 Resp: 640841
Ion Ratio Lower Upper
169 100
168 65.5 53.2 79.8
167 35.8 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 49.019 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

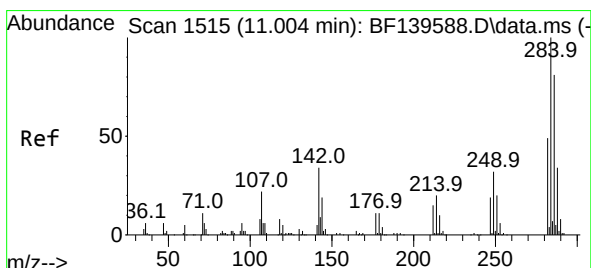
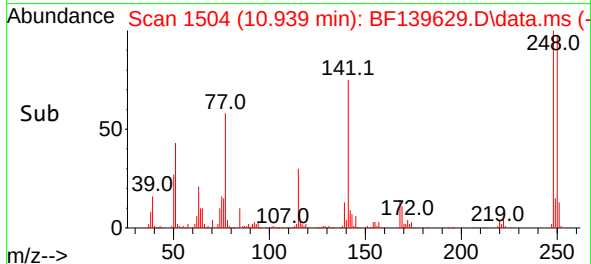
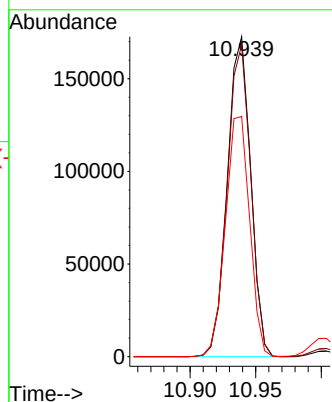
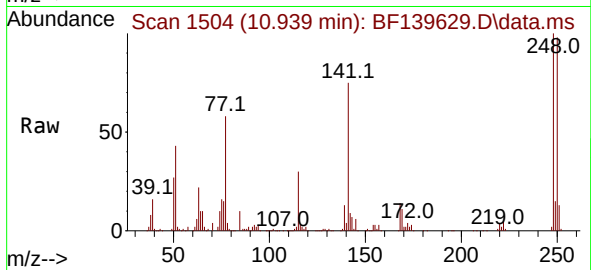
PB163825BS

Tgt Ion:248 Resp: 214724
Ion Ratio Lower Upper
248 100
250 97.5 77.1 115.7
141 75.1 60.4 90.6

Manual Integrations

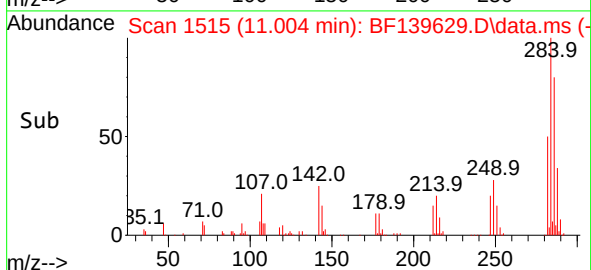
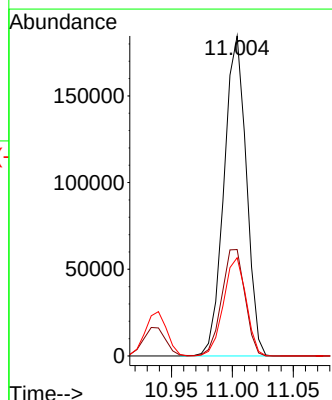
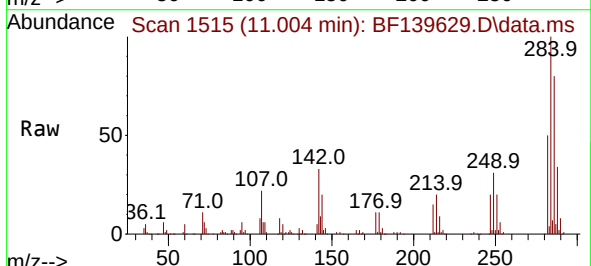
APPROVED

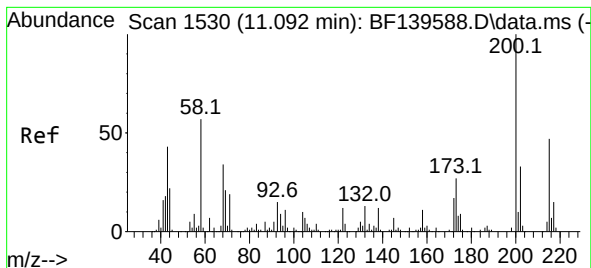
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#68
Hexachlorobenzene
Concen: 48.407 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Tgt Ion:284 Resp: 235293
Ion Ratio Lower Upper
284 100
142 33.3 26.9 40.3
249 30.7 25.4 38.0





#69

Atrazine

Concen: 61.625 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139629.D

Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS

Tgt Ion:200 Resp: 208220

Ion Ratio Lower Upper

200 100

173 27.3 6.7 46.7

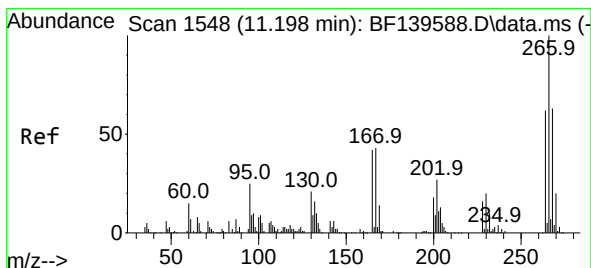
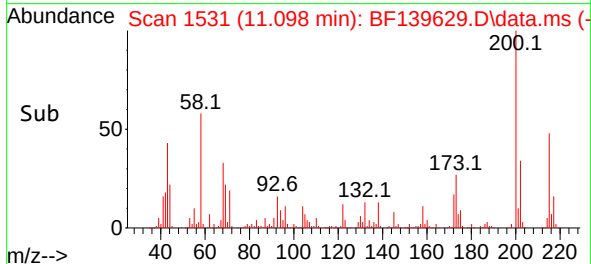
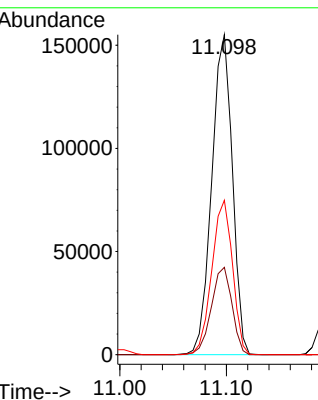
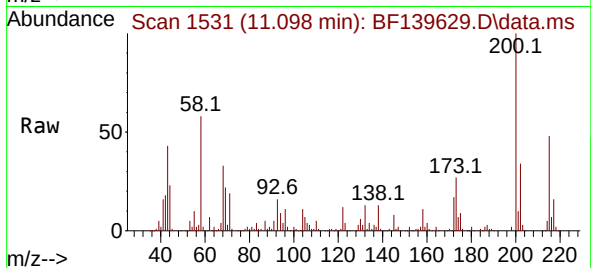
215 48.2 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#70

Pentachlorophenol

Concen: 95.000 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139629.D

Acq: 03 Oct 2024 14:08

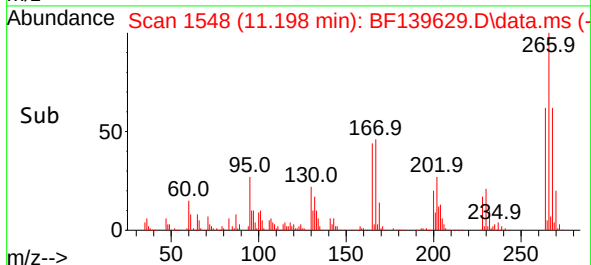
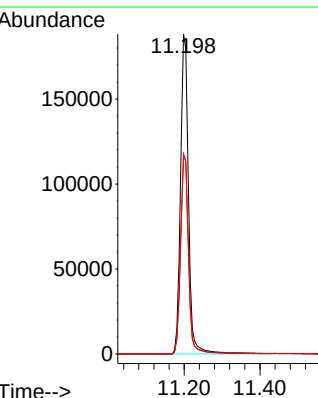
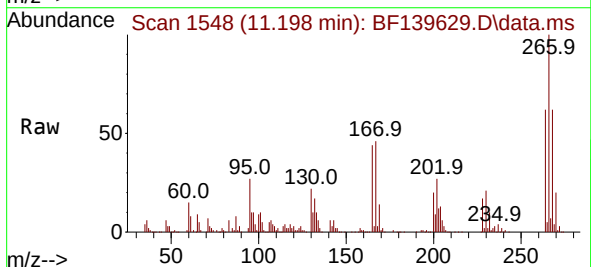
Tgt Ion:266 Resp: 274958

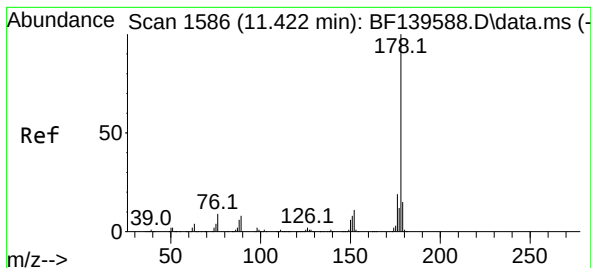
Ion Ratio Lower Upper

266 100

268 62.3 50.0 75.0

264 62.5 49.3 73.9





#71

Phenanthrene

Concen: 50.871 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF139629.D

Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS

Tgt Ion:178 Resp: 1024750

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

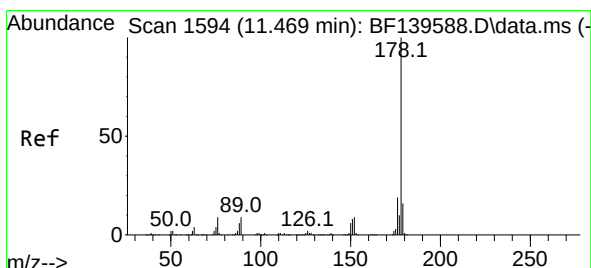
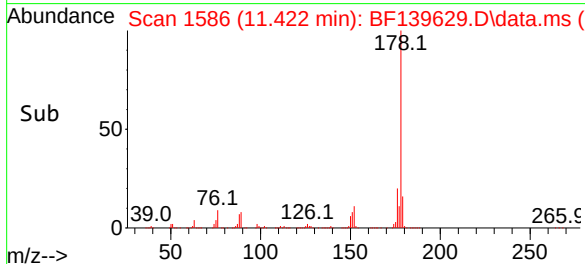
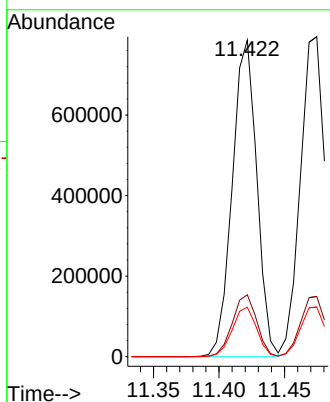
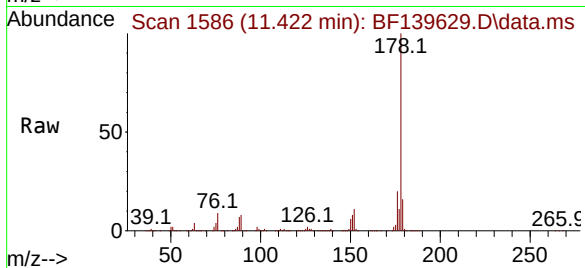
179 15.6 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#72

Anthracene

Concen: 52.441 ng

RT: 11.475 min Scan# 1595

Delta R.T. 0.006 min

Lab File: BF139629.D

Acq: 03 Oct 2024 14:08

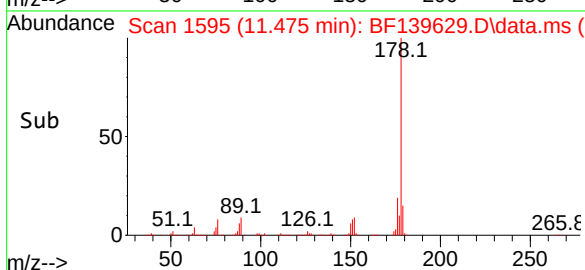
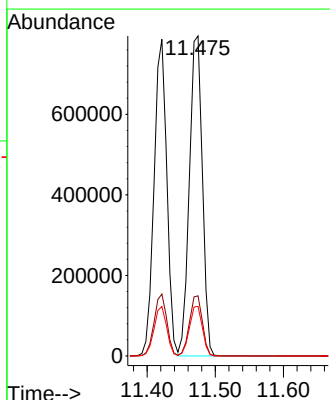
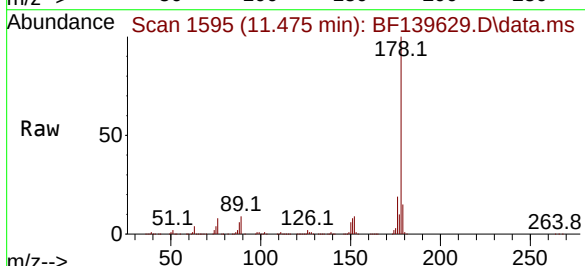
Tgt Ion:178 Resp: 1045091

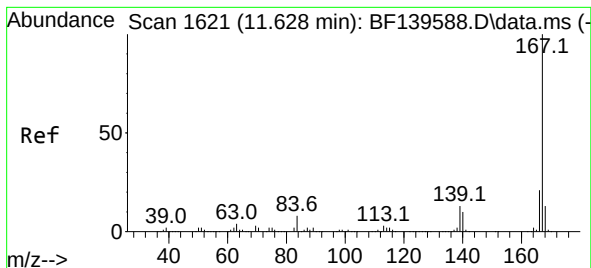
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.5 12.5 18.7





#73

Carbazole

Concen: 49.135 ng

RT: 11.627 min Scan# 1621

Delta R.T. -0.000 min

Lab File: BF139629.D

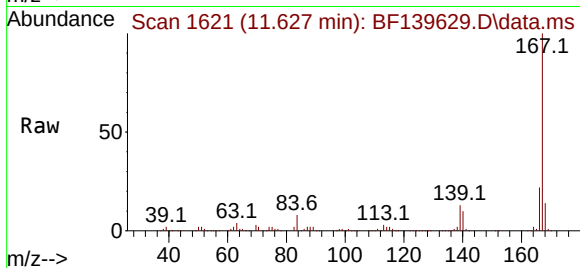
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS



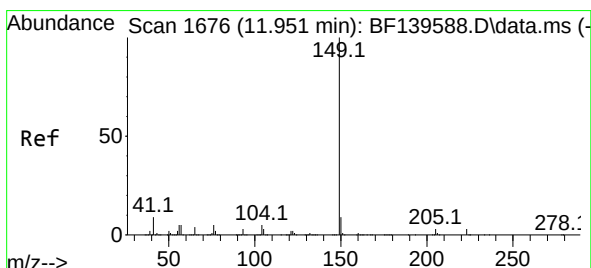
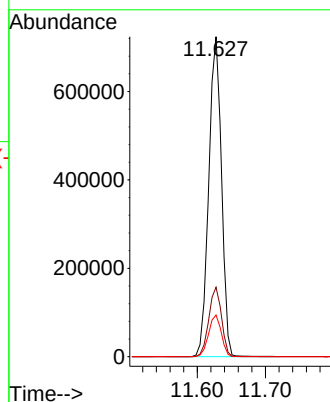
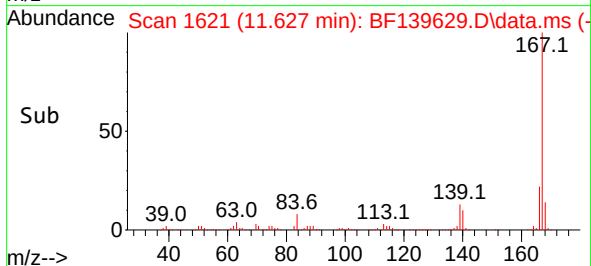
Tgt Ion:167	Resp: 940475
Ion Ratio	Lower Upper
167	100
166	21.7 17.2 25.8
139	13.0 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#74

Di-n-butylphthalate

Concen: 51.899 ng

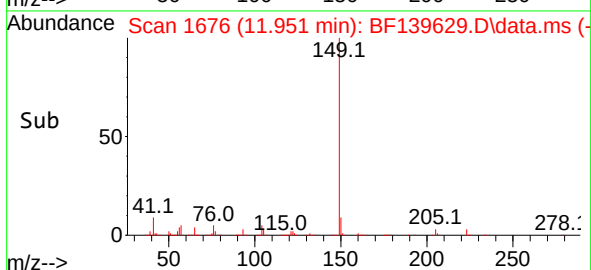
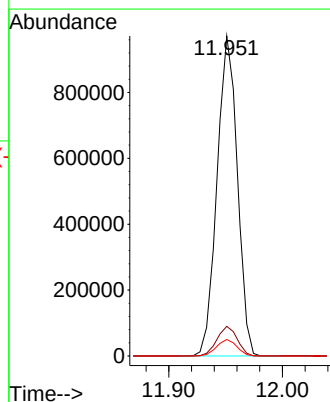
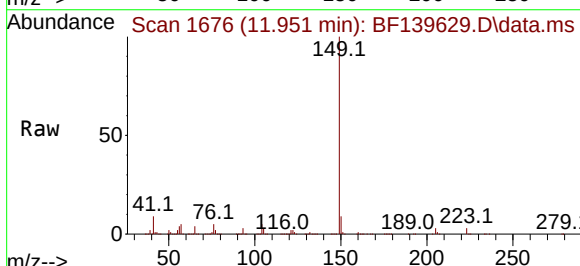
RT: 11.951 min Scan# 1676

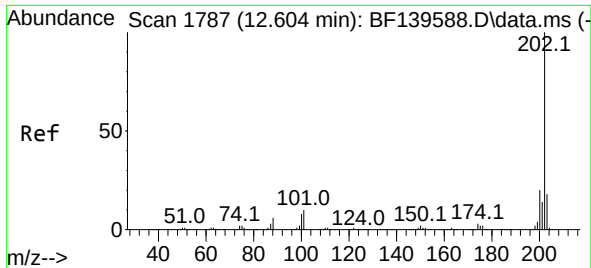
Delta R.T. -0.000 min

Lab File: BF139629.D

Acq: 03 Oct 2024 14:08

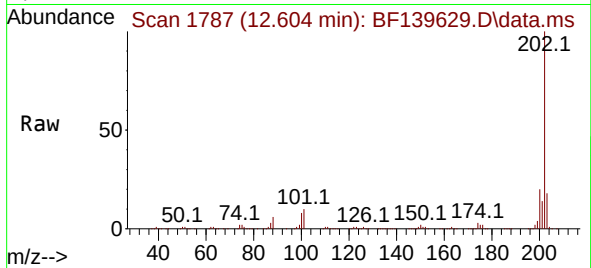
Tgt Ion:149	Resp: 1207977
Ion Ratio	Lower Upper
149	100
150	9.2 7.5 11.3
104	5.1 4.1 6.1





#75
Fluoranthene
Concen: 49.070 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

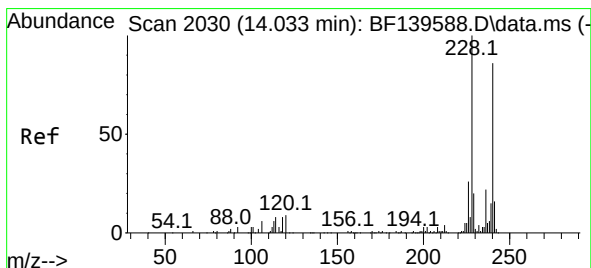
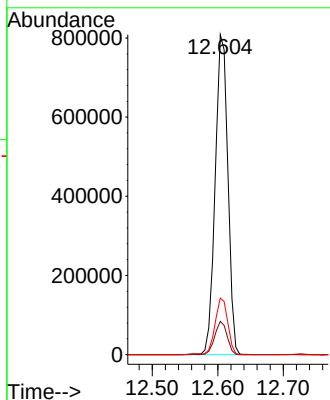
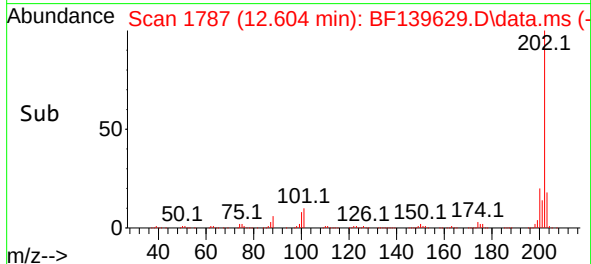
Instrument :
BNA_F
ClientSampleId :
PB163825BS



Tgt Ion:202 Resp: 1080554
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.2
203 17.7 0.0 37.7

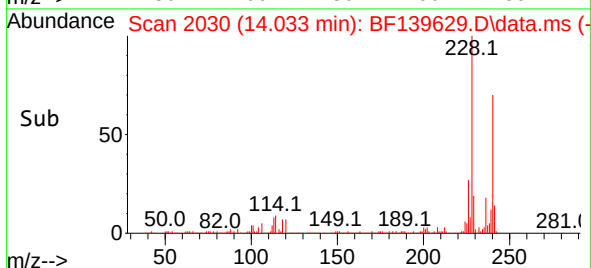
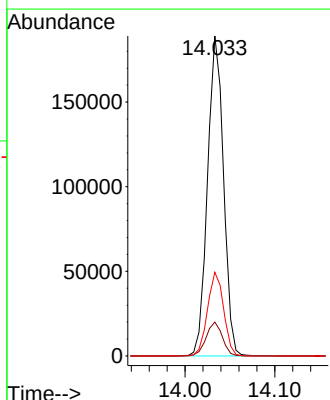
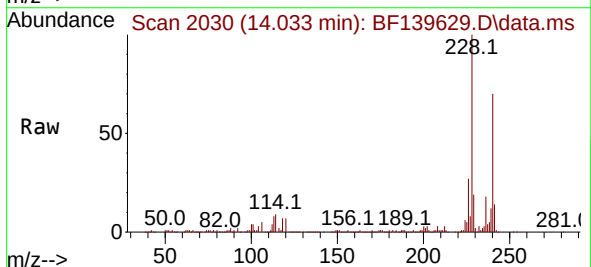
Manual Integrations
APPROVED

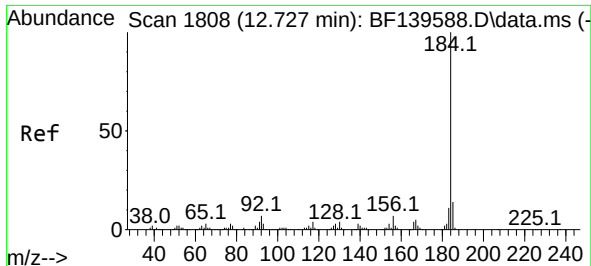
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Tgt Ion:240 Resp: 234220
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 26.1 20.3 30.5





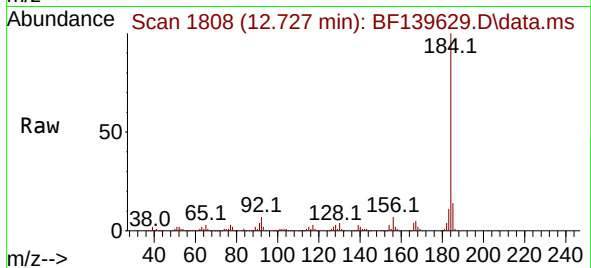
#77
Benzidine
Concen: 81.287 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS



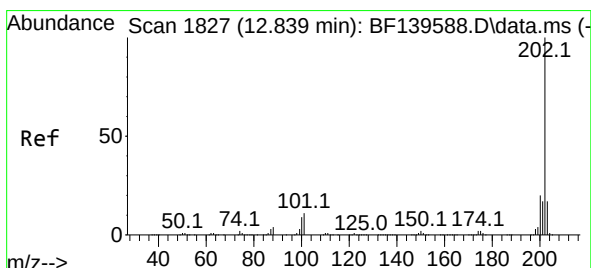
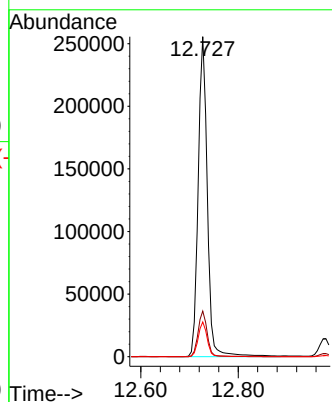
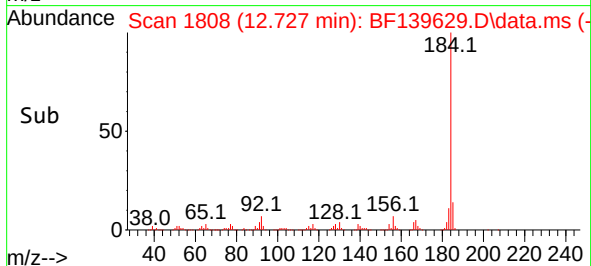
Tgt Ion:184 Resp: 335827
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 10.9 8.8 13.2

Manual Integrations

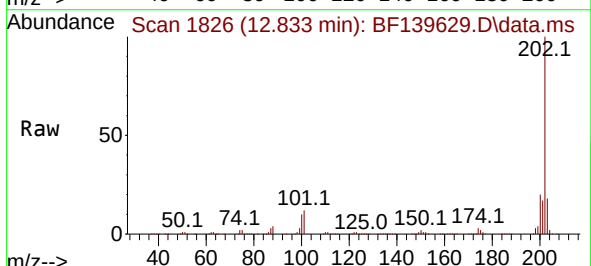
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

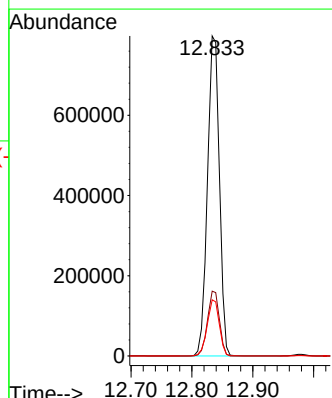
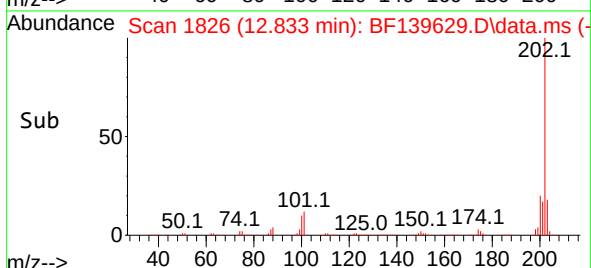
Supervised By :mohammad ahmed 10/05/2024

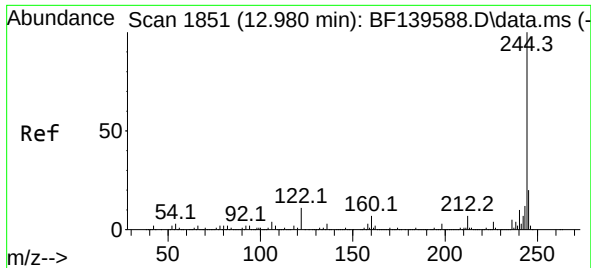


#78
Pyrene
Concen: 51.869 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08



Tgt Ion:202 Resp: 1086580
Ion Ratio Lower Upper
202 100
200 20.3 15.8 23.6
203 17.6 13.8 20.8





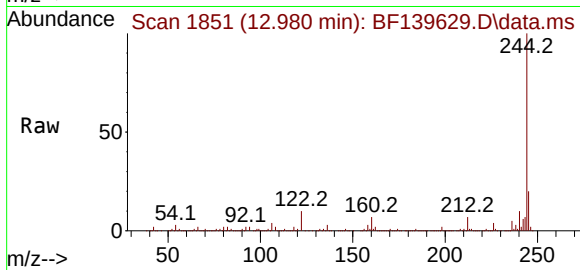
#79
 Terphenyl-d14
 Concen: 104.349 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF139629.D
 Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS



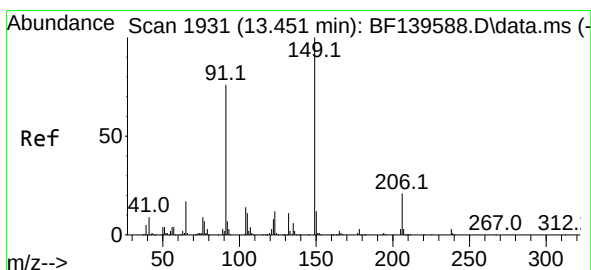
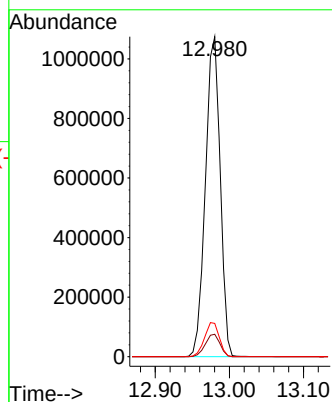
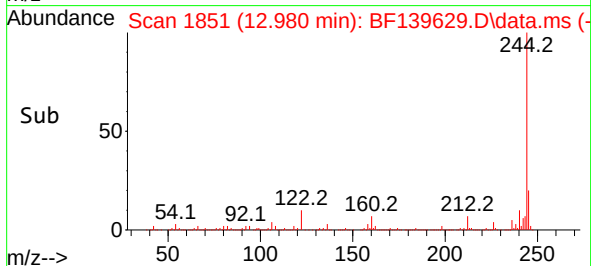
Tgt Ion:244 Resp: 1489529
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 10.4 8.6 12.8

Manual Integrations

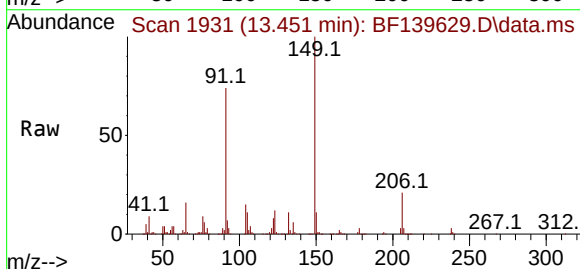
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

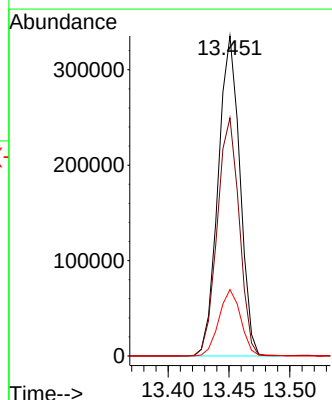
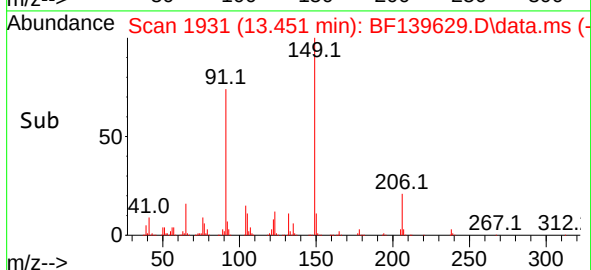
Supervised By :mohammad ahmed 10/05/2024

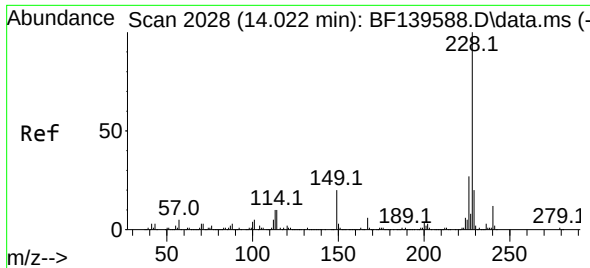


#80
 Butylbenzylphthalate
 Concen: 55.641 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.000 min
 Lab File: BF139629.D
 Acq: 03 Oct 2024 14:08



Tgt Ion:149 Resp: 416922
 Ion Ratio Lower Upper
 149 100
 91 74.4 61.0 91.4
 206 20.7 16.6 24.8





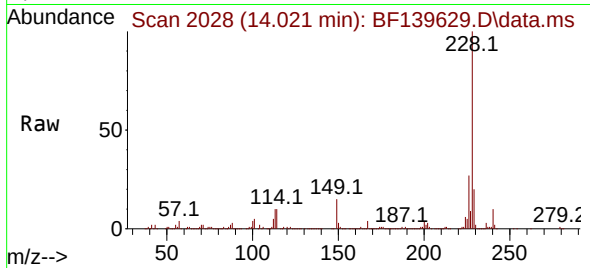
#81
Benzo(a)anthracene
Concen: 50.714 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS



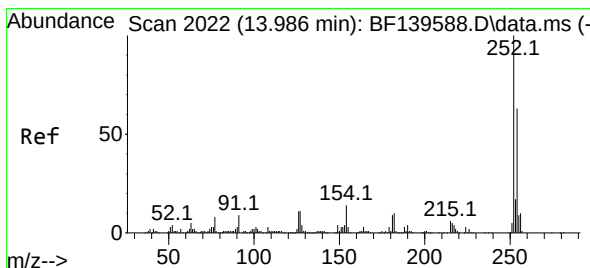
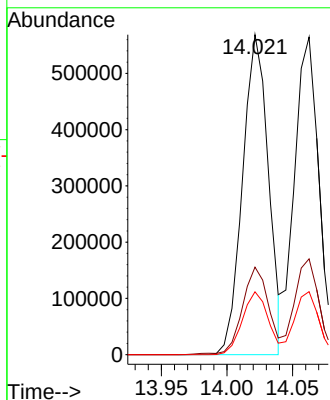
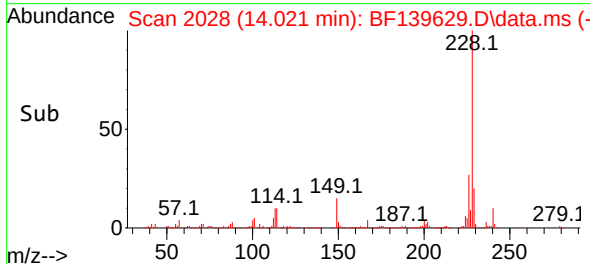
Tgt Ion:228 Resp: 78094
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.6 15.8 23.8

Manual Integrations

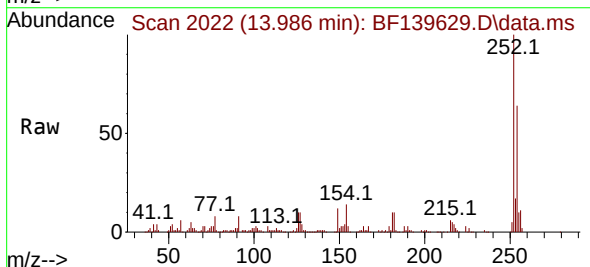
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

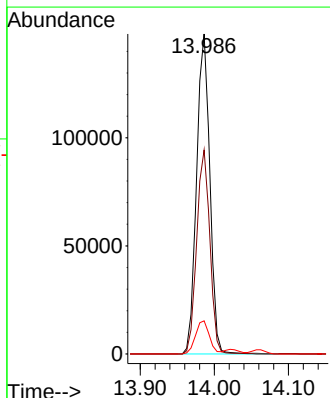
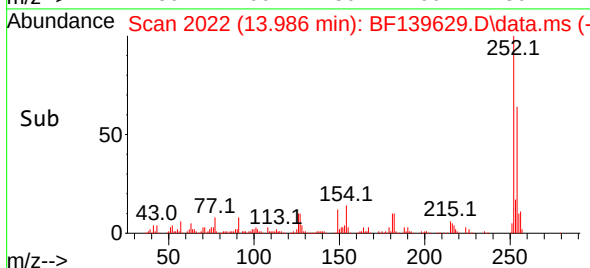
Supervised By :mohammad ahmed 10/05/2024

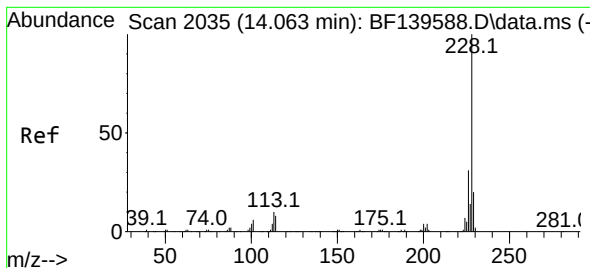


#82
3,3'-Dichlorobenzidine
Concen: 39.060 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08



Tgt Ion:252 Resp: 184084
Ion Ratio Lower Upper
252 100
254 63.7 50.5 75.7
126 10.3 8.8 13.2





#83

Chrysene

Concen: 51.459 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF139629.D

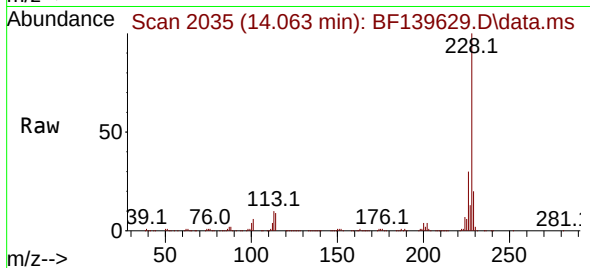
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS



Tgt Ion:228 Resp: 724470

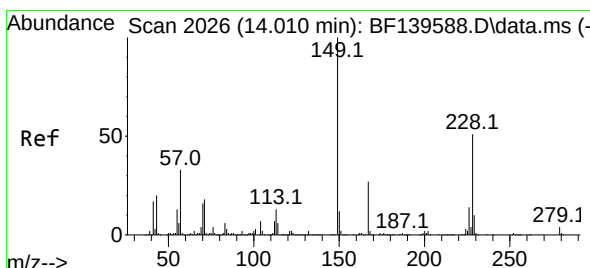
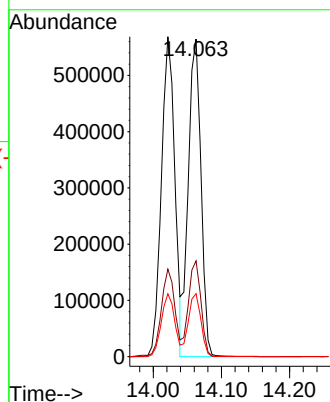
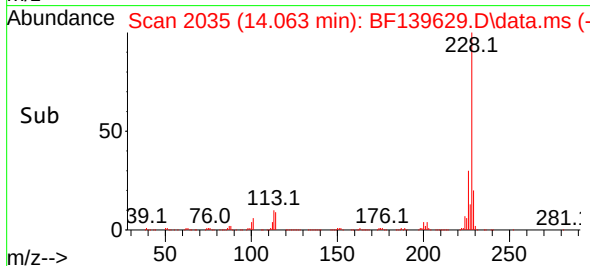
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	19.9	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#84

Bis(2-ethylhexyl)phthalate

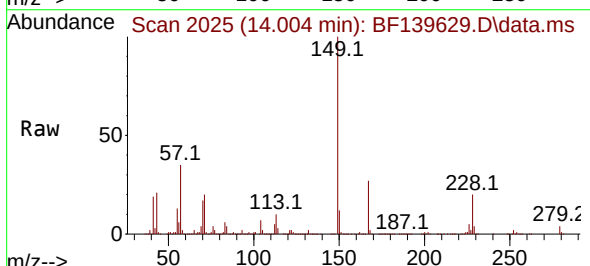
Concen: 57.979 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

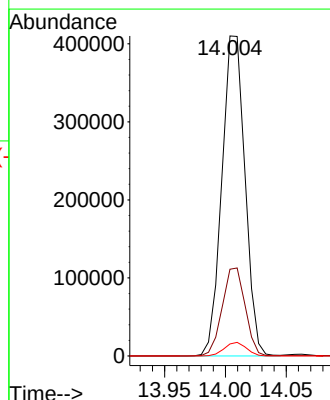
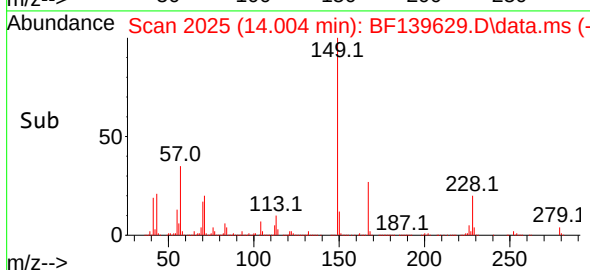
Lab File: BF139629.D

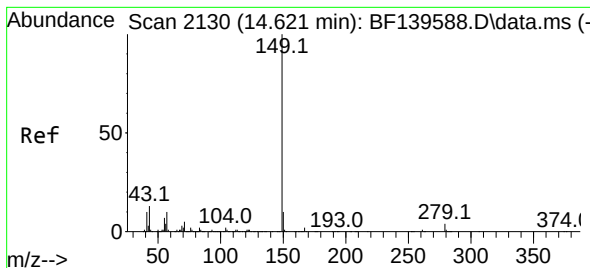
Acq: 03 Oct 2024 14:08



Tgt Ion:149 Resp: 542483

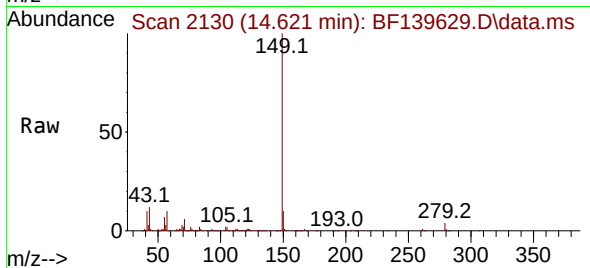
Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.7	32.5
279	3.7	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 56.951 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

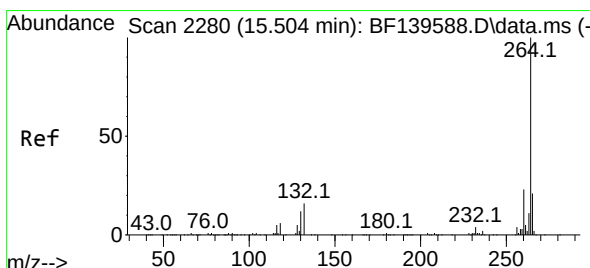
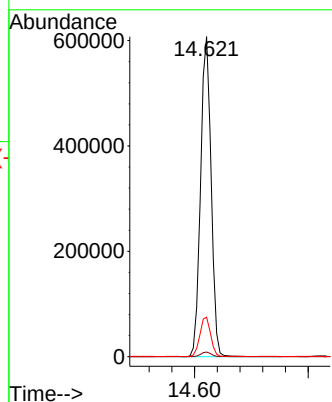
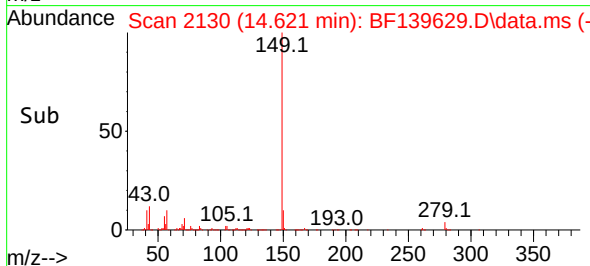
Instrument :
BNA_F
ClientSampleId :
PB163825BS



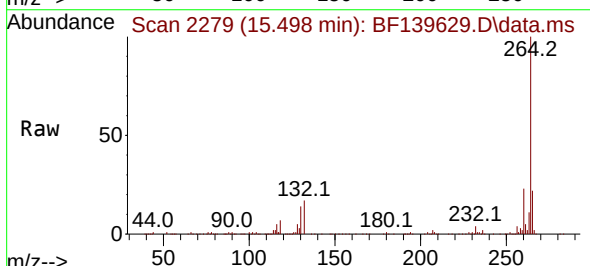
Tgt Ion:149 Resp: 78283
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.6 10.2 15.2

Manual Integrations
APPROVED

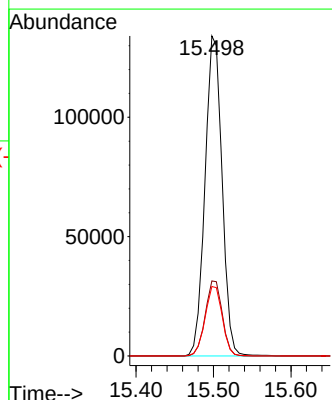
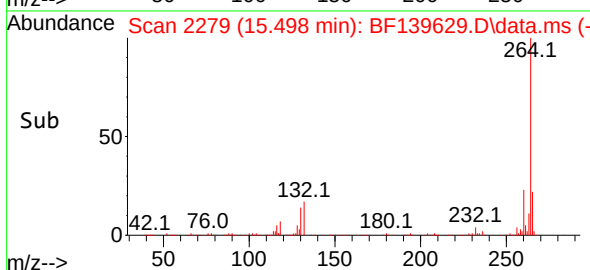
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

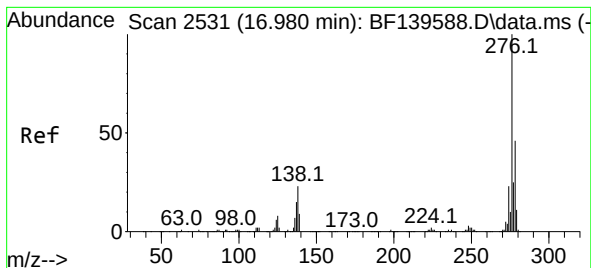


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08



Tgt Ion:264 Resp: 204939
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.7 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.345 ng

RT: 16.980 min Scan# 2531

Delta R.T. -0.000 min

Lab File: BF139629.D

Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS

Tgt Ion:276 Resp: 65552

Ion Ratio Lower Upper

276 100

138 24.3 19.4 29.0

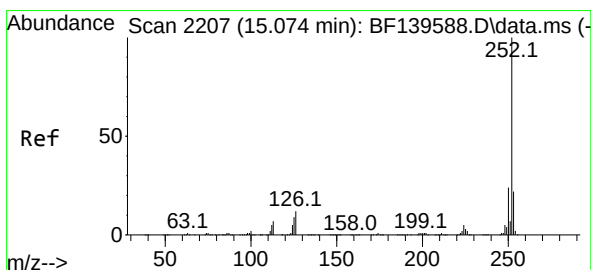
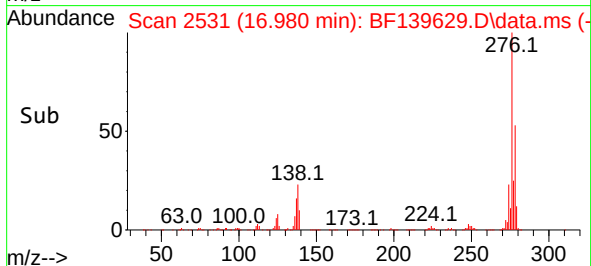
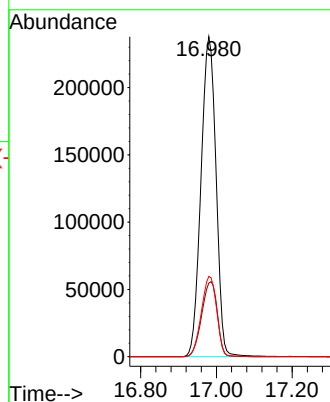
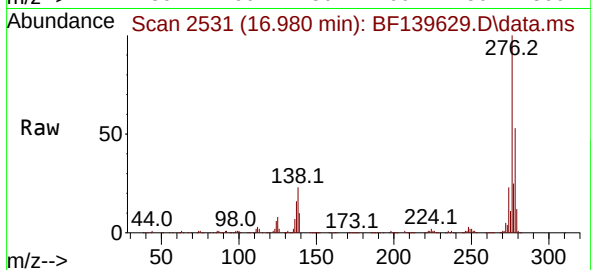
277 25.5 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#88

Benzo(b)fluoranthene

Concen: 47.563 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.000 min

Lab File: BF139629.D

Acq: 03 Oct 2024 14:08

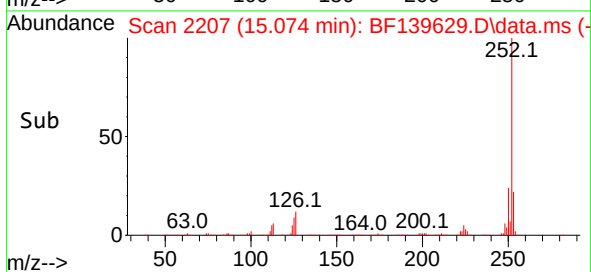
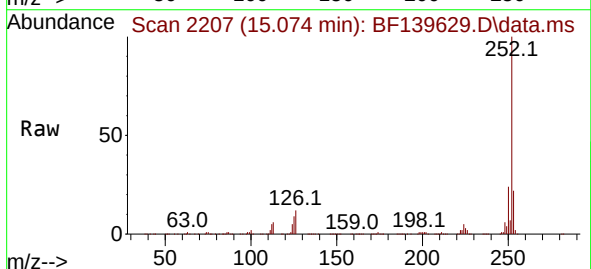
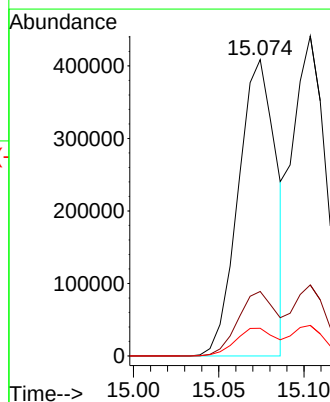
Tgt Ion:252 Resp: 630260

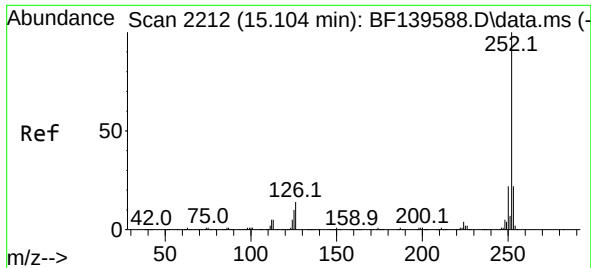
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 9.4 7.4 11.0





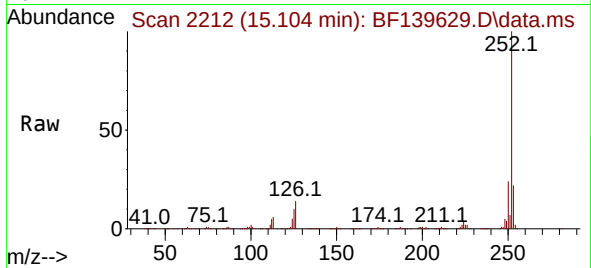
#89
Benzo(k)fluoranthene
Concen: 53.094 ng
RT: 15.104 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB163825BS

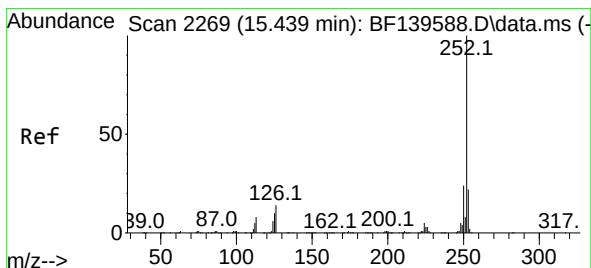
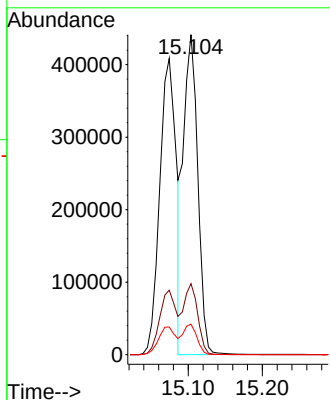
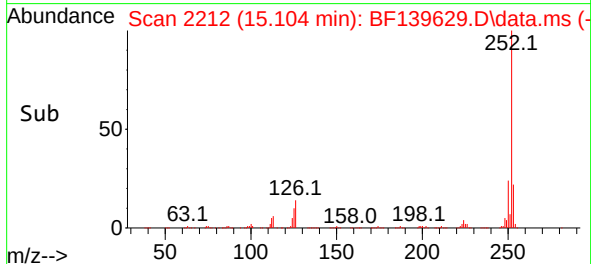


Tgt Ion:252 Resp: 59680
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.6 7.6 11.4

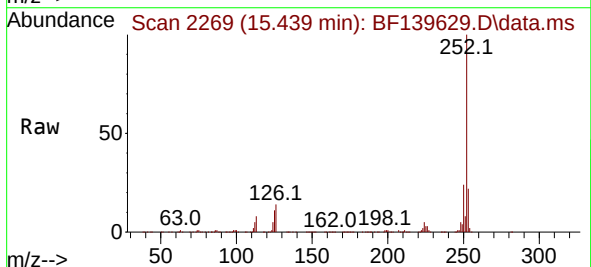
Manual Integrations

APPROVED

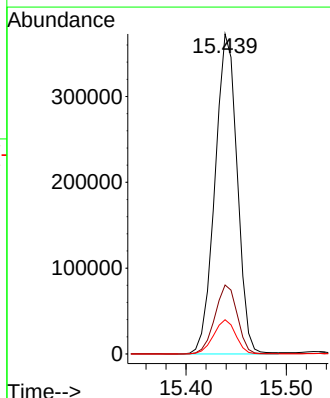
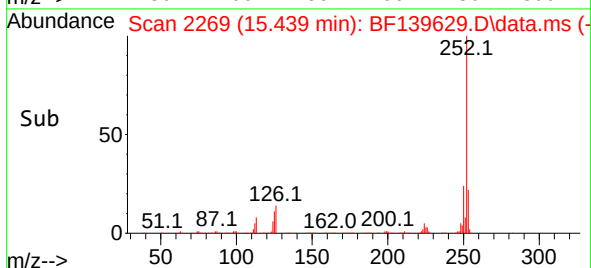
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

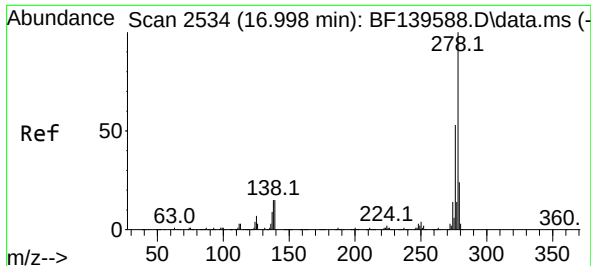


#90
Benzo(a)pyrene
Concen: 54.945 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08



Tgt Ion:252 Resp: 574087
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 10.7 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 54.116 ng
RT: 16.998 min Scan# 2534
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Instrument :

BNA_F

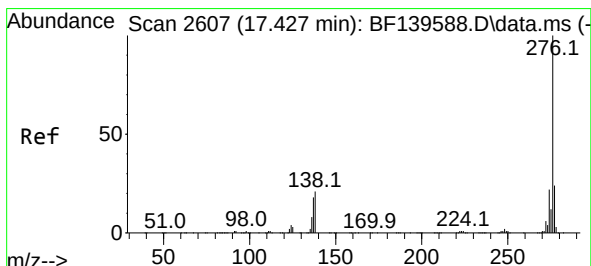
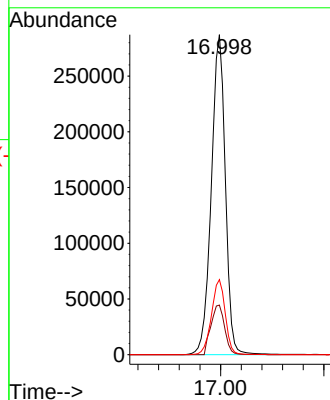
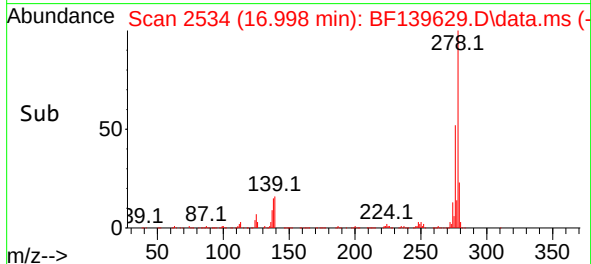
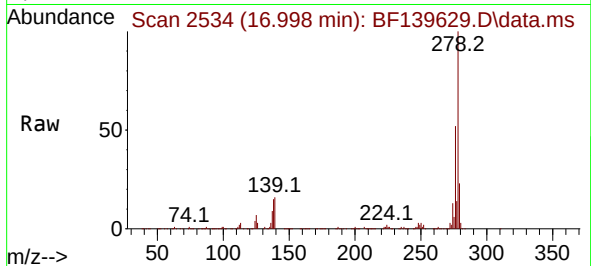
ClientSampleId :

PB163825BS

Tgt Ion:278 Resp: 54140
Ion Ratio Lower Upper
278 100
139 15.5 12.2 18.4
279 23.5 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#92
Benzo(g,h,i)perylene
Concen: 49.211 ng
RT: 17.427 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF139629.D
Acq: 03 Oct 2024 14:08

Tgt Ion:276 Resp: 493766
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 20.6 17.0 25.6

