

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140032.D
 Acq On : 25 Oct 2024 12:38
 Operator : RC/JU
 Sample : PB164211BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164211BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/28/2024

Quant Time: Oct 25 13:28:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	100609	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	384825	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	213533	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	385753	20.000	ng	0.00
76) Chrysene-d12	14.057	240	222466	20.000	ng	0.00
86) Perylene-d12	15.533	264	209605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	847690	131.902	ng	0.02
7) Phenol-d6	6.516	99	1070135	128.566	ng	0.00
23) Nitrobenzene-d5	7.451	82	705543	101.614	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	323900	162.167	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1266341	98.012	ng	0.00
79) Terphenyl-d14	12.998	244	1385603	101.490	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	110696	36.943	ng	96
3) Pyridine	3.522	79	300341	40.438	ng	98
4) n-Nitrosodimethylamine	3.475	42	177774	44.550	ng	96
6) Aniline	6.551	93	308540	39.773	ng	100
8) 2-Chlorophenol	6.675	128	321446	48.926	ng	97
9) Benzaldehyde	6.439	77	77818	16.619	ng	99
10) Phenol	6.528	94	398521m	46.441	ng	
11) bis(2-Chloroethyl)ether	6.628	93	304282	45.876	ng	98
12) 1,3-Dichlorobenzene	6.834	146	346665	45.966	ng	99
13) 1,4-Dichlorobenzene	6.910	146	353104	46.863	ng	99
14) 1,2-Dichlorobenzene	7.057	146	339968	48.344	ng	99
15) Benzyl Alcohol	7.028	79	302288	49.509	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	484633	42.852	ng	96
17) 2-Methylphenol	7.139	107	263475	47.030	ng	98
18) Hexachloroethane	7.404	117	128366	47.775	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	232931	46.141	ng	96
20) 3+4-Methylphenols	7.292	107	328994	45.912	ng	# 78
22) Acetophenone	7.298	105	445598	47.275	ng	99
24) Nitrobenzene	7.469	77	359081	47.169	ng	98
25) Isophorone	7.710	82	633795	48.093	ng	99
26) 2-Nitrophenol	7.786	139	166796	58.079	ng	97
27) 2,4-Dimethylphenol	7.816	122	260916	54.485	ng	96
28) bis(2-Chloroethoxy)met...	7.916	93	367055	45.971	ng	100
29) 2,4-Dichlorophenol	8.028	162	261280	47.902	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	280186	46.423	ng	99
31) Naphthalene	8.192	128	938572	47.290	ng	100
32) Benzoic acid	7.933	122	190021	45.495	ng	98
33) 4-Chloroaniline	8.239	127	128027	18.918	ng	98
34) Hexachlorobutadiene	8.310	225	185255	48.852	ng	100
35) Caprolactam	8.610	113	85127m	49.083	ng	
36) 4-Chloro-3-methylphenol	8.716	107	295731	48.964	ng	99
37) 2-Methylnaphthalene	8.886	142	597477	49.155	ng	100
38) 1-Methylnaphthalene	8.986	142	549177	46.051	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	284498	49.385	ng	98
41) Hexachlorocyclopentadiene	9.039	237	377779	188.468	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	207986	50.995	ng	99

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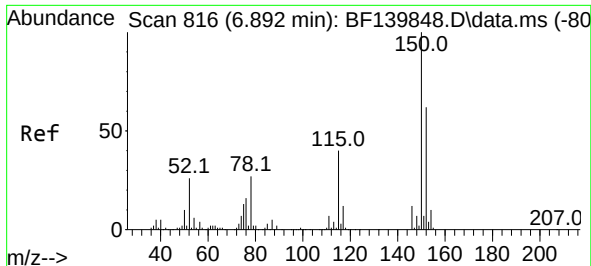
Manual Integrations
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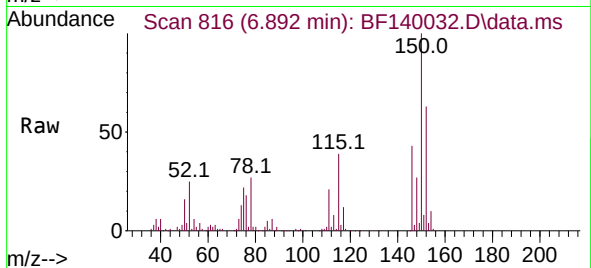
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	207126	49.222	ng	99
46) 1,1'-Biphenyl	9.351	154	703580	47.331	ng	98
47) 2-Chloronaphthalene	9.375	162	570189	47.625	ng	99
48) 2-Nitroaniline	9.469	65	198589	54.234	ng	94
49) Acenaphthylene	9.792	152	891253	51.492	ng	99
50) Dimethylphthalate	9.651	163	654628	49.218	ng	100
51) 2,6-Dinitrotoluene	9.710	165	144662	50.233	ng	98
52) Acenaphthene	9.963	154	623188	55.657	ng	99
53) 3-Nitroaniline	9.875	138	96540	32.507	ng	99
54) 2,4-Dinitrophenol	9.986	184	164209	132.569	ng	# 1
55) Dibenzofuran	10.133	168	793128	49.370	ng	99
56) 4-Nitrophenol	10.033	139	244930	107.198	ng	94
57) 2,4-Dinitrotoluene	10.116	165	201203	56.814	ng	98
58) Fluorene	10.480	166	605076	49.451	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	175815	53.297	ng	99
60) Diethylphthalate	10.351	149	636825	48.765	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	300905	48.697	ng	98
62) 4-Nitroaniline	10.492	138	148786	53.046	ng	95
63) Azobenzene	10.627	77	641717	46.351	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	112992	71.811	ng	92
66) n-Nitrosodiphenylamine	10.586	169	553895	47.975	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	191927	48.296	ng	99
68) Hexachlorobenzene	11.027	284	218460	48.879	ng	97
69) Atrazine	11.110	200	182859	58.468	ng	98
70) Pentachlorophenol	11.216	266	273441	100.807	ng	100
71) Phenanthrene	11.439	178	909966	49.940	ng	100
72) Anthracene	11.492	178	913826	51.401	ng	100
73) Carbazole	11.645	167	814133	49.239	ng	99
74) Di-n-butylphthalate	11.974	149	930095	48.690	ng	100
75) Fluoranthene	12.627	202	941493	51.112	ng	99
77) Benzidine	12.745	184	167696	45.842	ng	100
78) Pyrene	12.857	202	954171	48.999	ng	100
80) Butylbenzylphthalate	13.474	149	321466	55.063	ng	99
81) Benzo(a)anthracene	14.045	228	725720	50.113	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	143739	34.042	ng	98
83) Chrysene	14.080	228	666068	50.163	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	358549	54.740	ng	100
85) Di-n-octyl phthalate	14.645	149	526700	44.209	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	686827	50.935	ng	97
88) Benzo(b)fluoranthene	15.098	252	668919	52.389	ng	99
89) Benzo(k)fluoranthene	15.127	252	517349	46.982	ng	99
90) Benzo(a)pyrene	15.468	252	559609	53.265	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	562522	50.006	ng	97
92) Benzo(g,h,i)perylene	17.486	276	532777	47.416	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

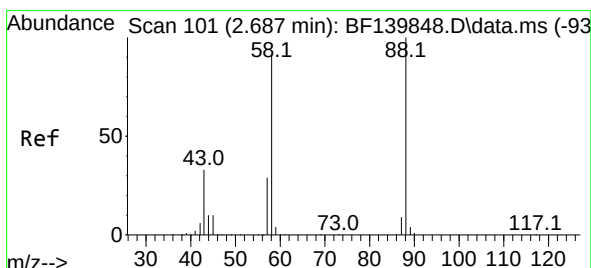
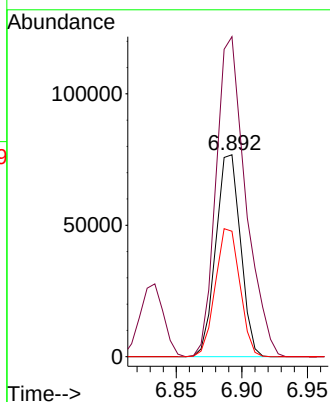
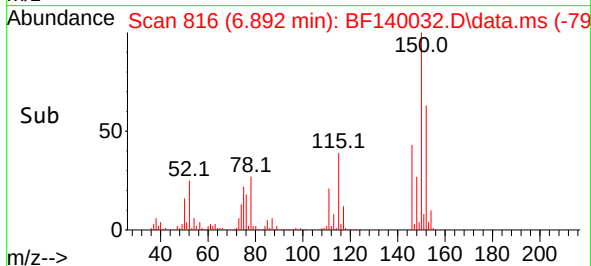
Instrument :
BNA_F
ClientSampleId :
PB164211BS



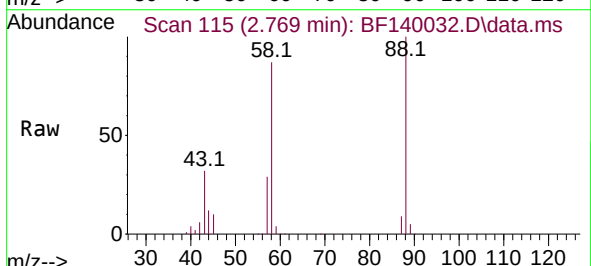
Tgt Ion:152 Resp: 100609
Ion Ratio Lower Upper
152 100
150 158.5 130.2 195.2
115 62.1 51.4 77.2

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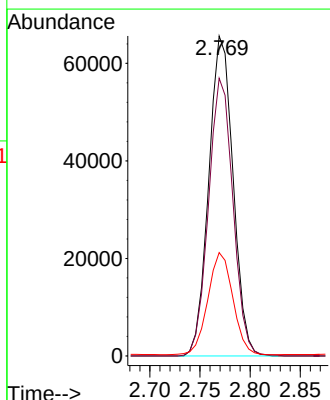
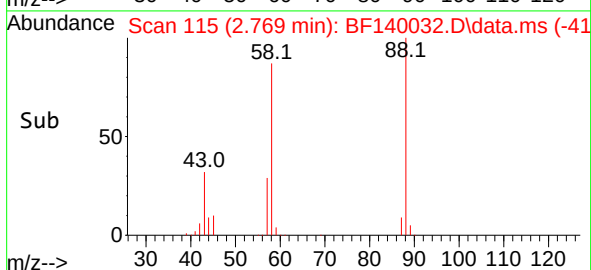
Reviewed By :Yogesh Patel 10/25/2024
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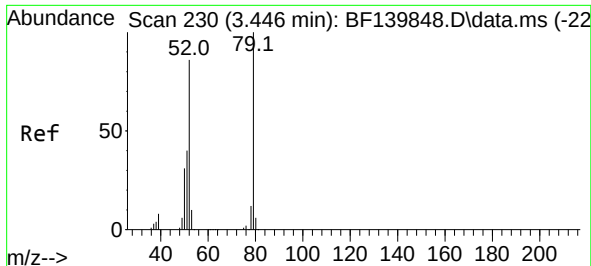


#2
1,4-Dioxane
Concen: 36.943 ng
RT: 2.769 min Scan# 115
Delta R.T. 0.082 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38



Tgt Ion: 88 Resp: 110696
Ion Ratio Lower Upper
88 100
58 87.3 73.3 109.9
43 32.8 27.1 40.7





#3

Pyridine

Concen: 40.438 ng

RT: 3.522 min Scan# 243

Delta R.T. 0.077 min

Lab File: BF140032.D

Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

PB164211BS

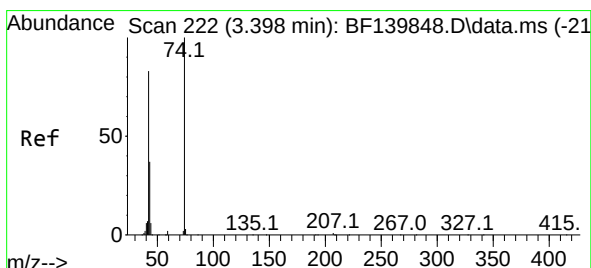
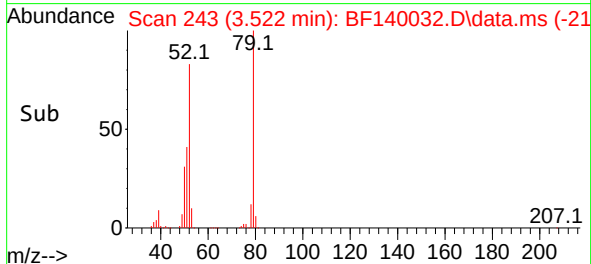
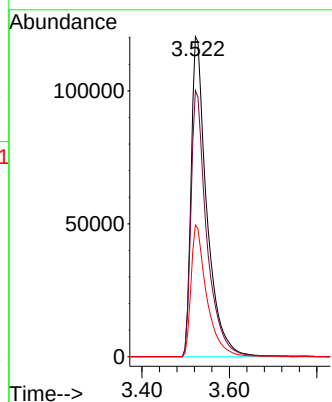
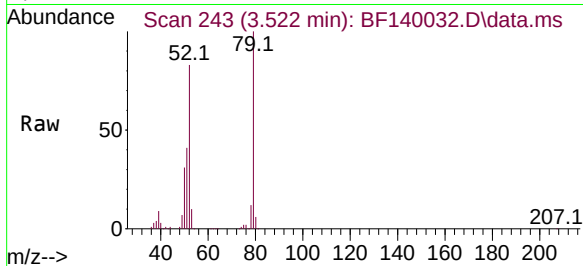
Tgt Ion: 79 Resp: 30034

Ion	Ratio	Lower	Upper
79	100		
52	83.1	68.5	102.7
51	41.2	32.3	48.5

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Supervised By :mohammad ahmed 10/28/2024



#4

n-Nitrosodimethylamine

Concen: 44.550 ng

RT: 3.475 min Scan# 235

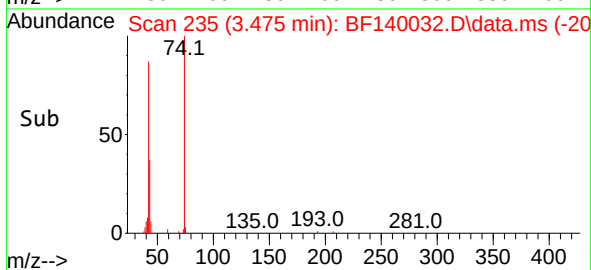
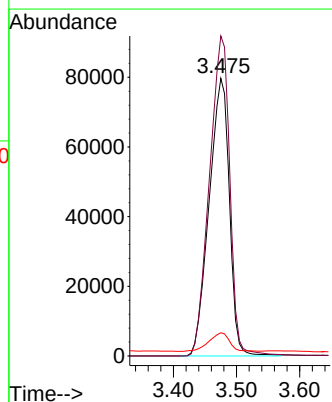
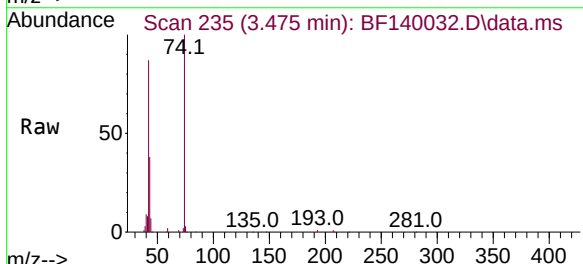
Delta R.T. 0.077 min

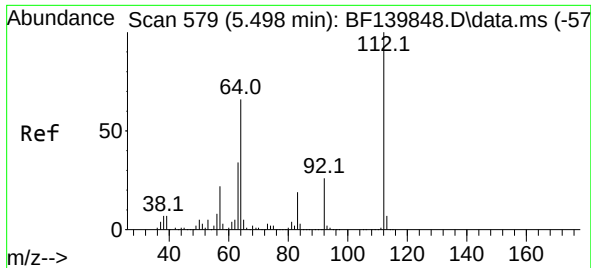
Lab File: BF140032.D

Acq: 25 Oct 2024 12:38

Tgt Ion: 42 Resp: 177774

Ion	Ratio	Lower	Upper
42	100		
74	115.3	96.2	144.4
44	8.3	6.2	9.2





#5
2-Fluorophenol
Concen: 131.902 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

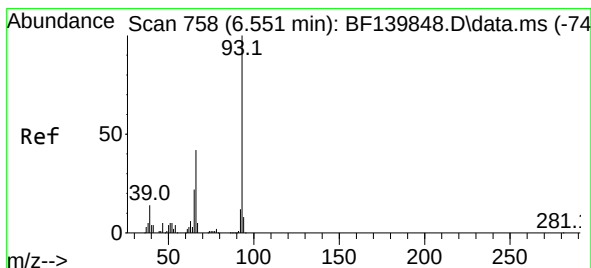
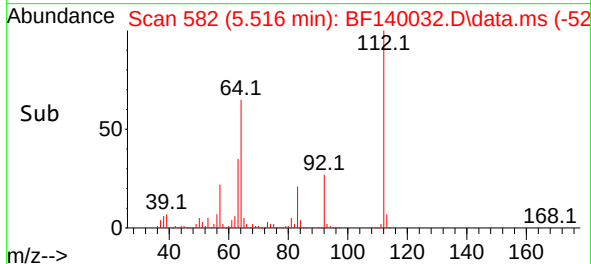
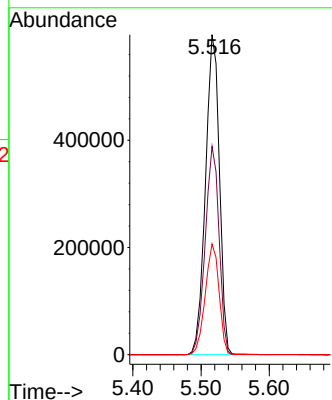
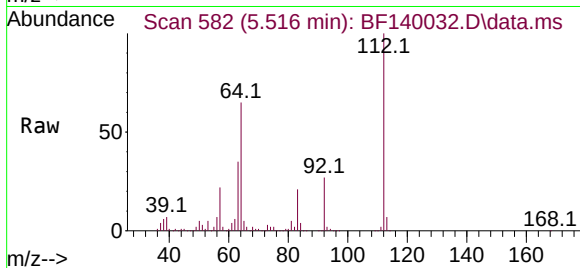
ClientSampleId :

PB164211BS

Tgt Ion:112 Resp: 847690
Ion Ratio Lower Upper
112 100
64 65.1 53.0 79.6
63 34.6 27.0 40.4

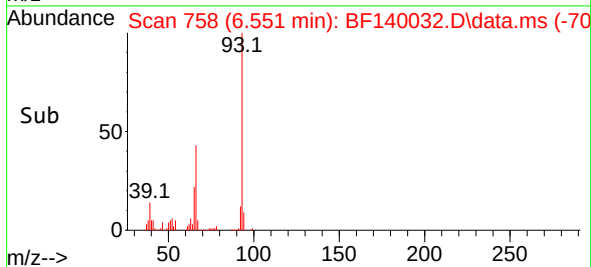
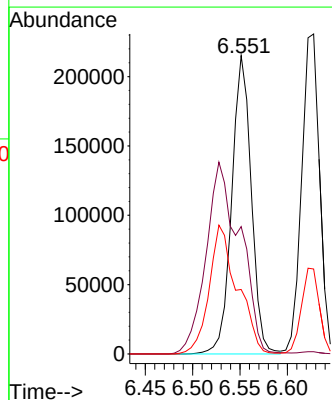
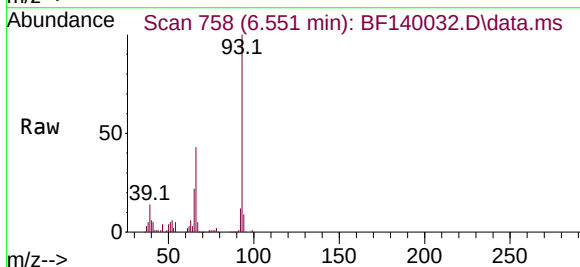
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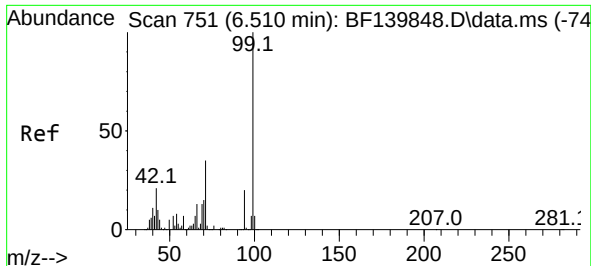
Reviewed By :Yogesh Patel 10/25/2024
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#6
Aniline
Concen: 39.773 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Tgt Ion: 93 Resp: 308540
Ion Ratio Lower Upper
93 100
66 42.7 34.0 51.0
65 21.6 17.4 26.0





#7

Phenol-d6

Concen: 128.566 ng

RT: 6.516 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF140032.D

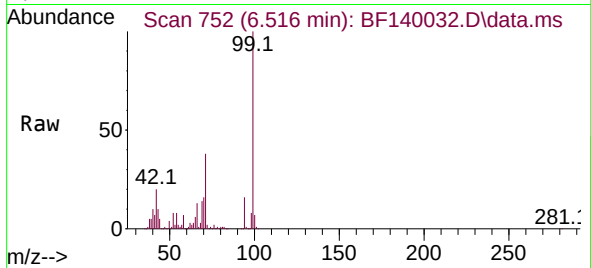
Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

PB164211BS



Tgt Ion: 99 Resp: 107013

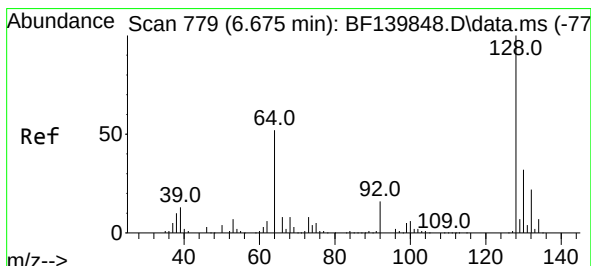
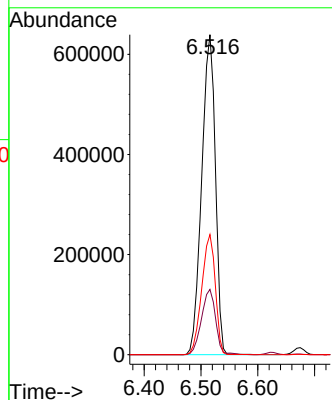
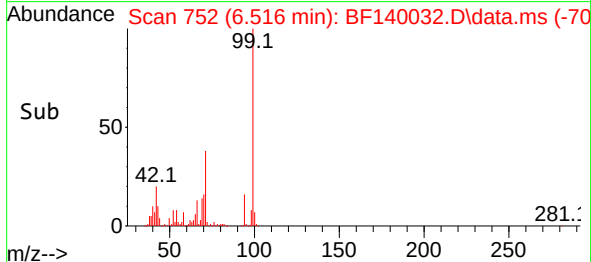
Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.7	25.1
71	37.6	27.7	41.5

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#8

2-Chlorophenol

Concen: 48.926 ng

RT: 6.675 min Scan# 779

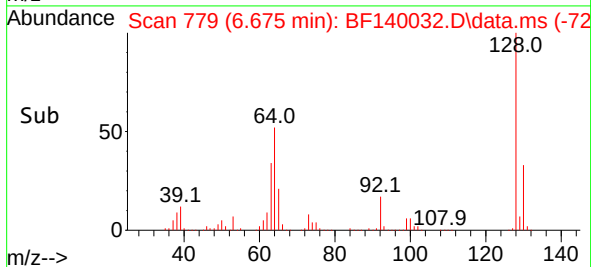
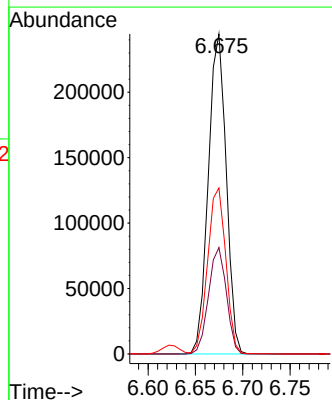
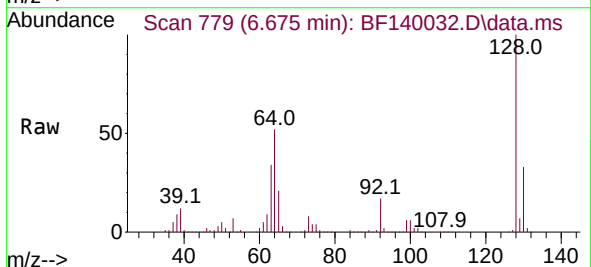
Delta R.T. 0.000 min

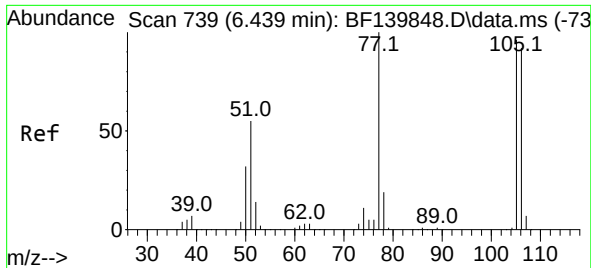
Lab File: BF140032.D

Acq: 25 Oct 2024 12:38

Tgt Ion:128 Resp: 321446

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.3	52.3
64	51.9	34.6	74.6





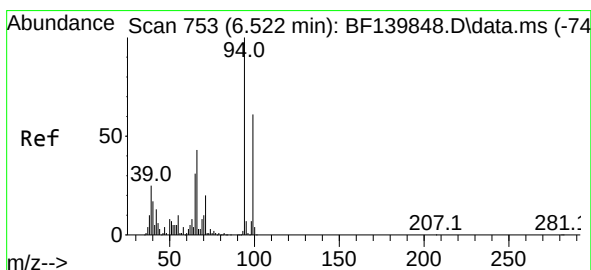
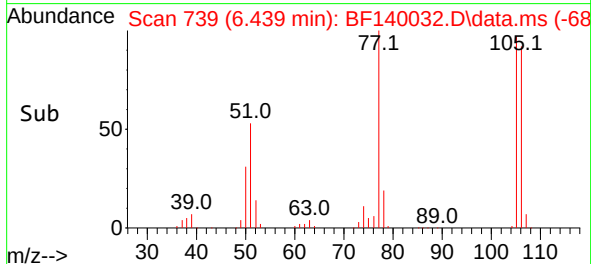
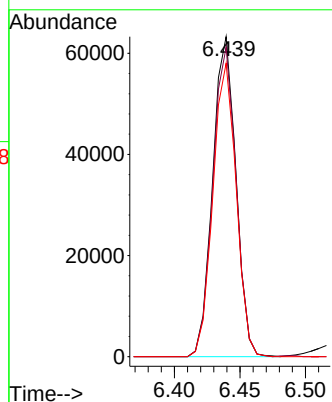
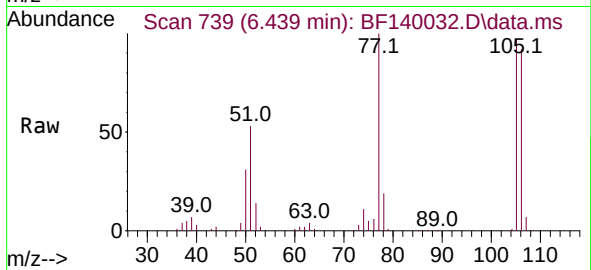
#9
Benzaldehyde
Concen: 16.619 ng
RT: 6.439 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Instrument :
BNA_F
ClientSampleId :
PB164211BS

Tgt Ion: 77 Resp: 77818
Ion Ratio Lower Upper
77 100
105 96.7 75.5 115.5
106 91.7 71.7 111.7

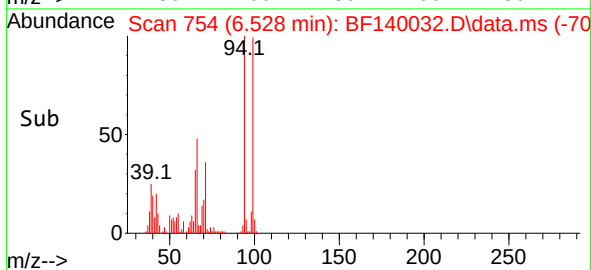
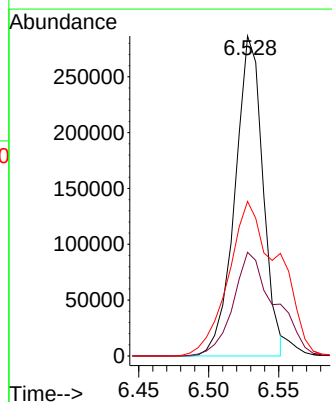
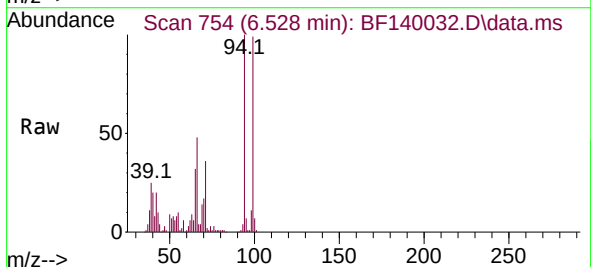
Manual Integrations
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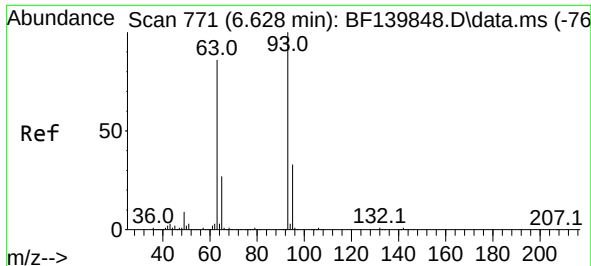
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#10
Phenol
Concen: 46.441 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Tgt Ion: 94 Resp: 398521
Ion Ratio Lower Upper
94 100
65 32.4 11.1 51.1
66 48.3 22.7 62.7





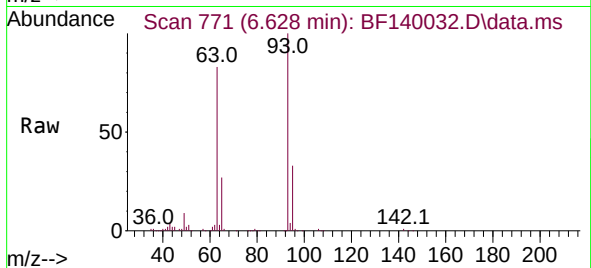
#11
bis(2-Chloroethyl)ether
Concen: 45.876 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

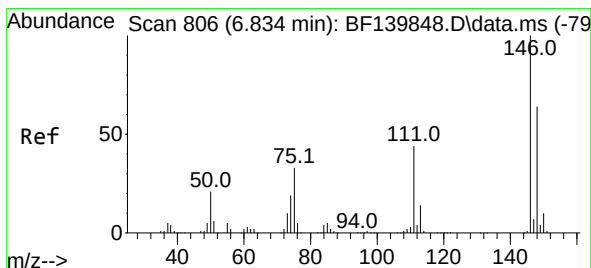
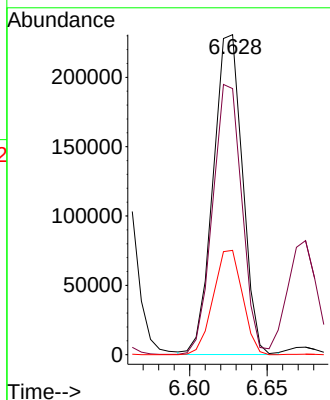
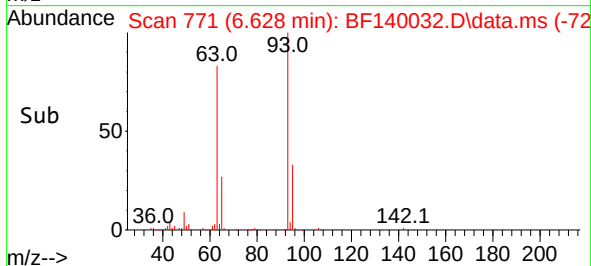
PB164211BS



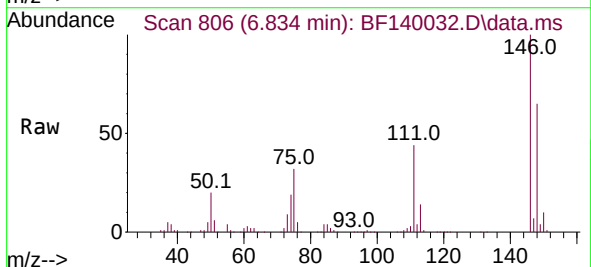
Tgt Ion: 93 Resp: 30428
Ion Ratio Lower Upper
93 100
63 83.2 65.0 105.0
95 32.6 12.4 52.4

Manual Integrations
APPROVED

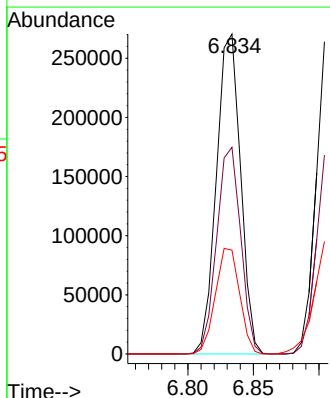
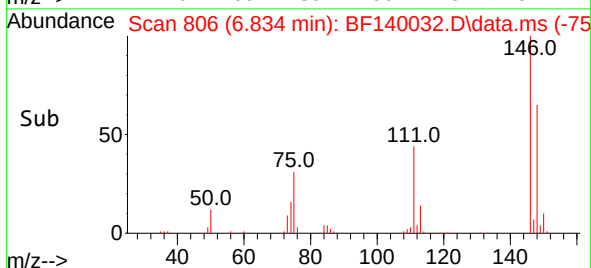
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

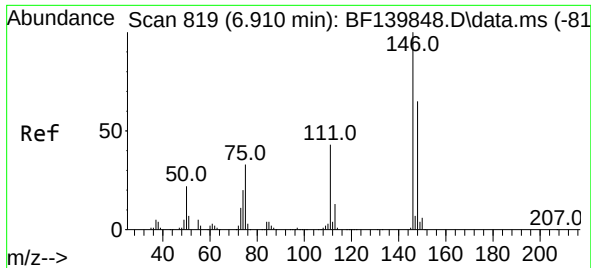


#12
1,3-Dichlorobenzene
Concen: 45.966 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38



Tgt Ion:146 Resp: 346665
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.4
75 32.4 26.4 39.6





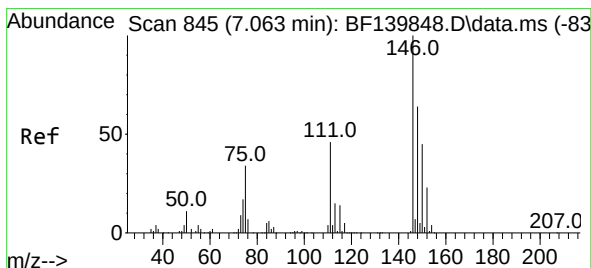
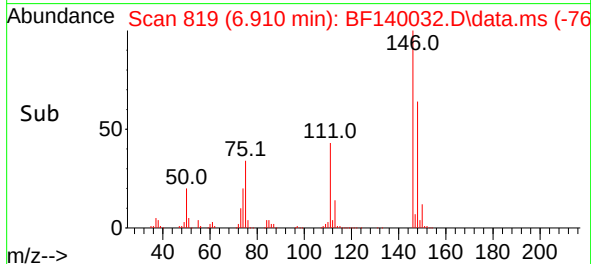
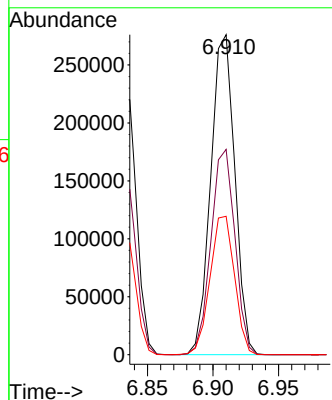
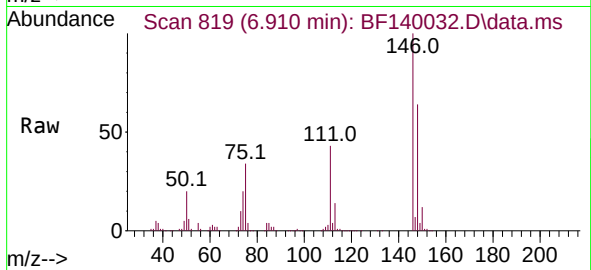
#13
1,4-Dichlorobenzene
Concen: 46.863 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Instrument :
BNA_F
ClientSampleId :
PB164211BS

Tgt Ion:146 Resp: 353104
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
111 43.2 34.6 51.8

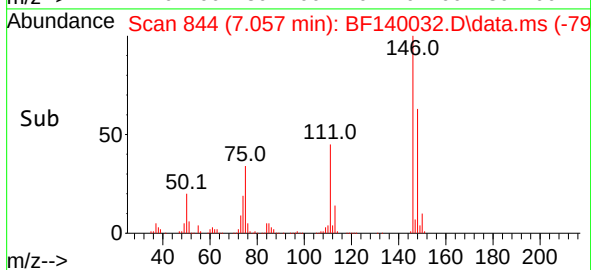
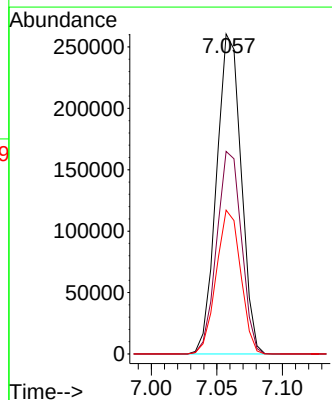
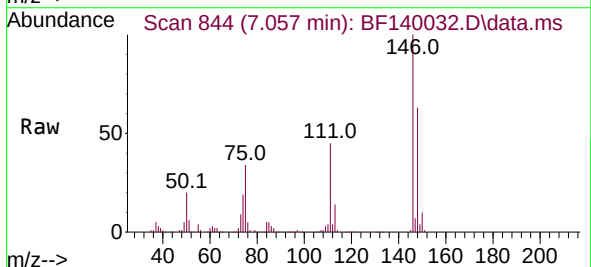
Manual Integrations
APPROVED

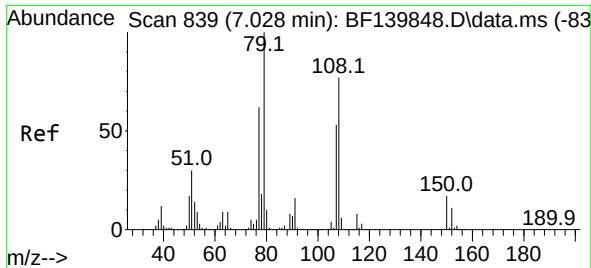
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#14
1,2-Dichlorobenzene
Concen: 48.344 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

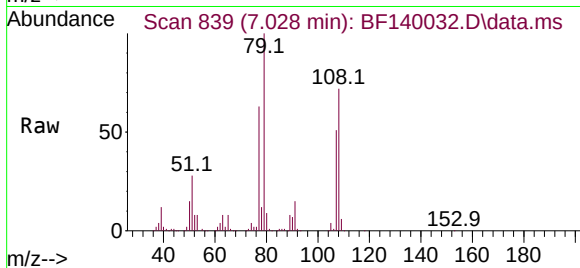
Tgt Ion:146 Resp: 339968
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.2
111 45.0 36.7 55.1





#15
Benzyl Alcohol
Concen: 49.509 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

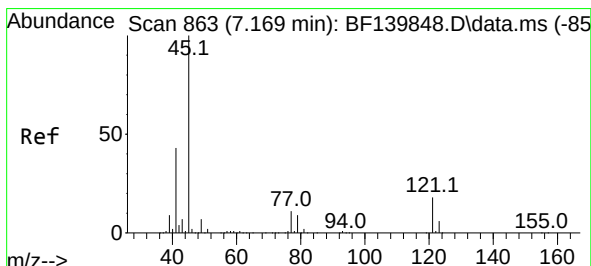
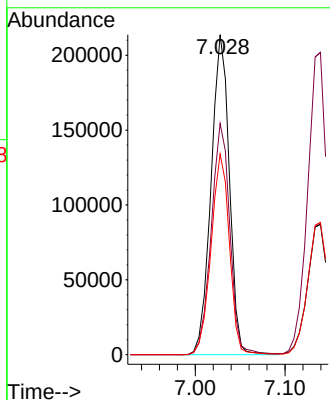
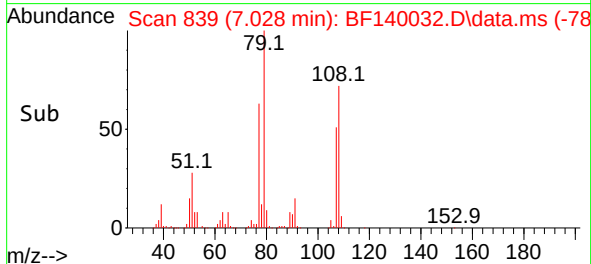
Instrument :
BNA_F
ClientSampleId :
PB164211BS



Tgt Ion: 79 Resp: 30228
Ion Ratio Lower Upper
79 100
108 72.2 61.4 92.0
77 62.7 49.9 74.9

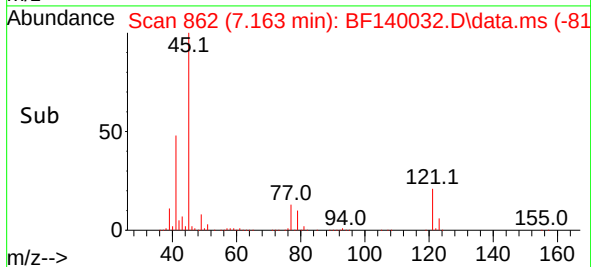
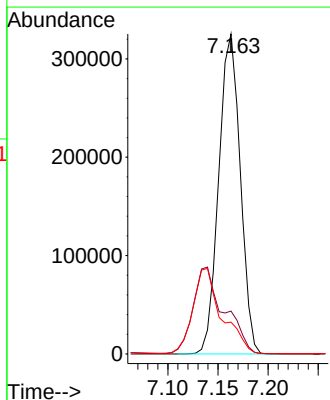
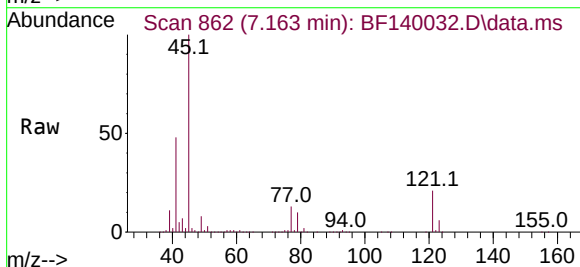
Manual Integrations
APPROVED

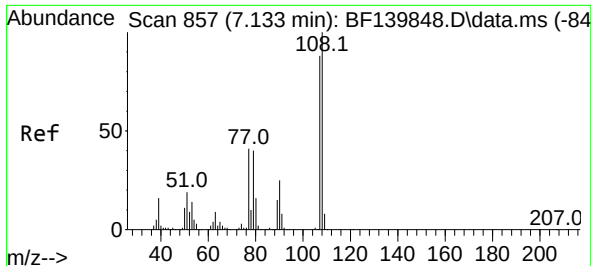
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.852 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Tgt Ion: 45 Resp: 484633
Ion Ratio Lower Upper
45 100
77 13.4 0.0 31.5
79 9.9 0.0 29.1





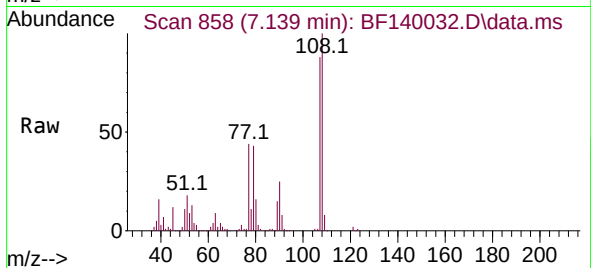
#17
2-Methylphenol
Concen: 47.030 ng
RT: 7.139 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

PB164211BS

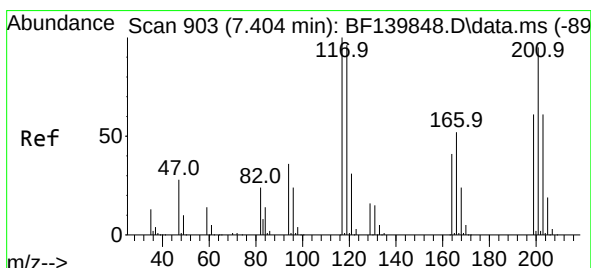
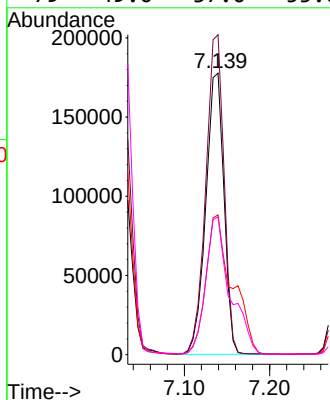
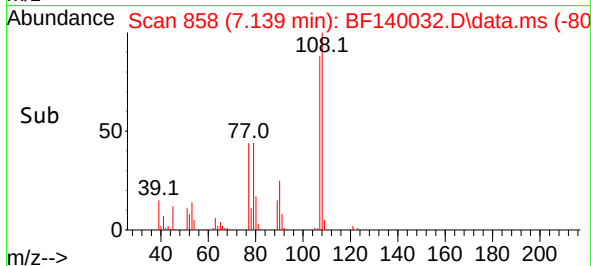


Tgt Ion:107 Resp: 263475
Ion Ratio Lower Upper
107 100
108 113.6 91.3 136.9
77 49.6 37.1 55.7
79 49.0 37.0 55.6

Manual Integrations

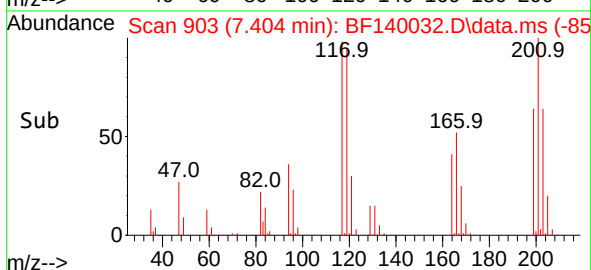
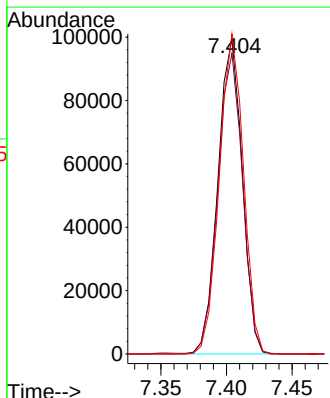
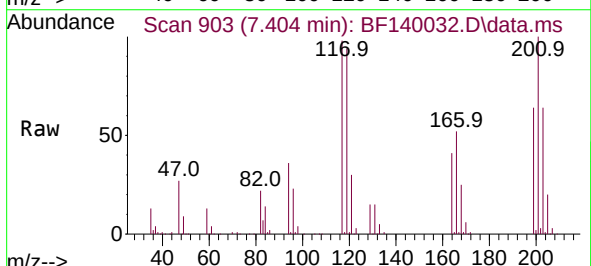
APPROVED

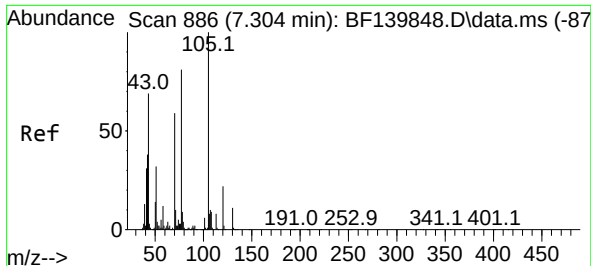
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#18
Hexachloroethane
Concen: 47.775 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Tgt Ion:117 Resp: 128366
Ion Ratio Lower Upper
117 100
119 95.4 77.0 115.4
201 101.6 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 46.141 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

PB164211BS

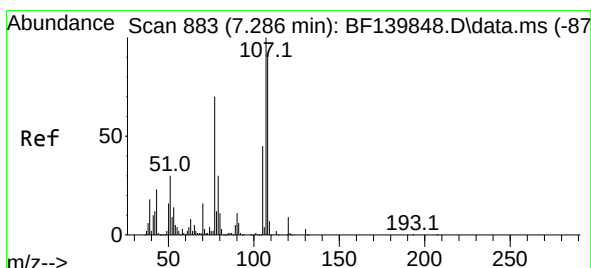
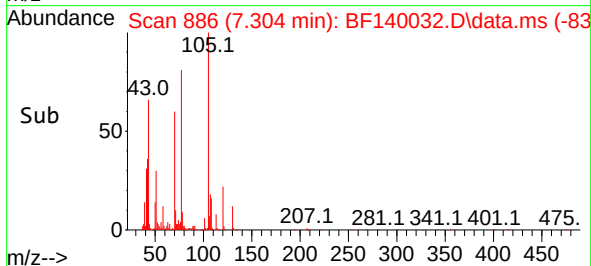
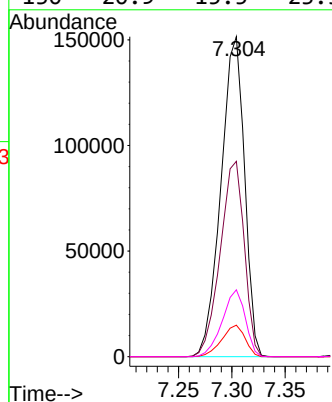
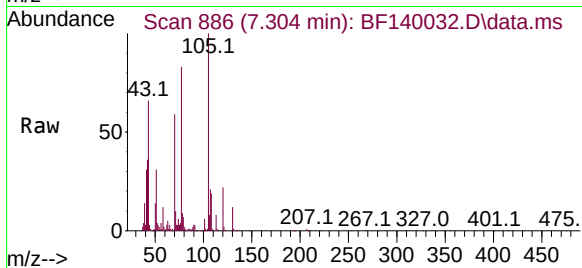
Tgt Ion: 70 Resp: 23293
Ion Ratio Lower Upper
70 100
42 61.0 51.5 77.3
101 9.9 7.5 11.3
130 20.9 15.5 23.3

Manual Integrations

APPROVED

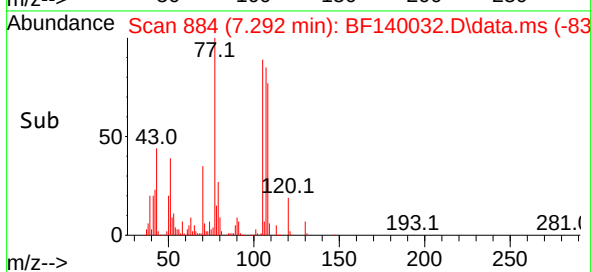
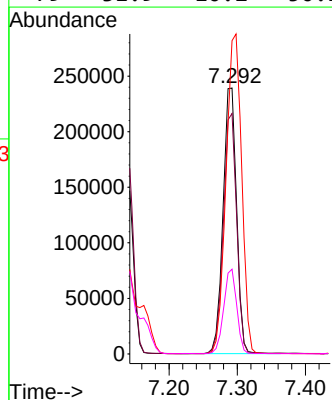
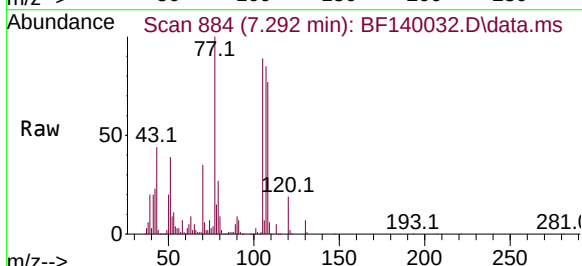
Reviewed By :Yogesh Patel 10/25/2024

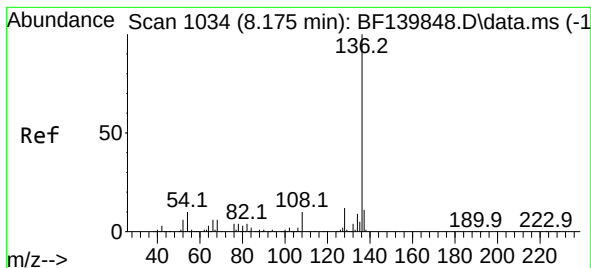
Supervised By :mohammad ahmed 10/28/2024



#20
3+4-Methylphenols
Concen: 45.912 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Tgt Ion:107 Resp: 328994
Ion Ratio Lower Upper
107 100
108 90.5 69.8 109.8
77 117.8 50.5 90.5#
79 31.9 10.2 50.2





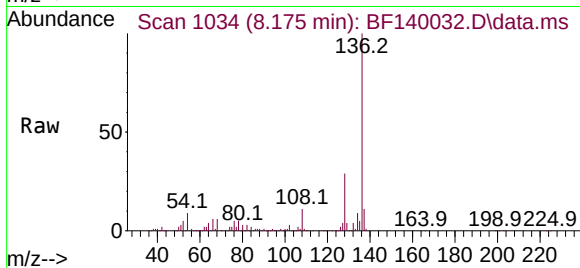
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

PB164211BS

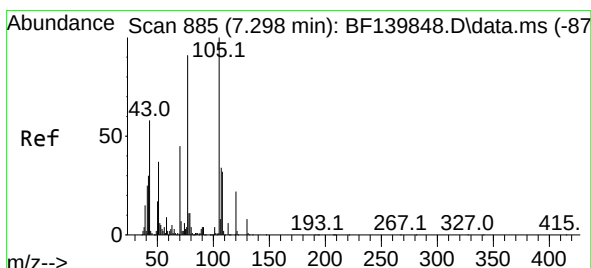
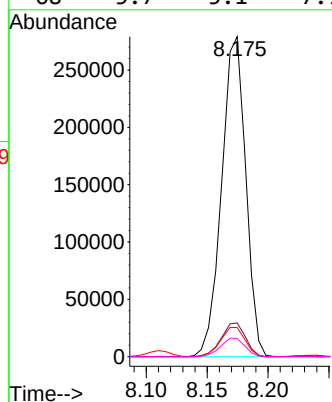
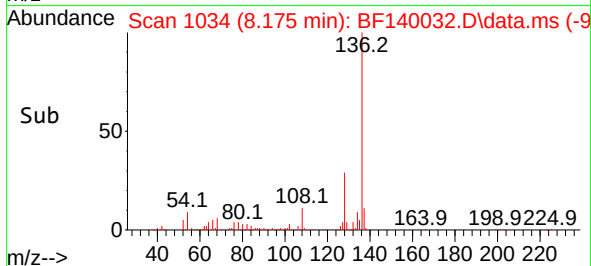


Tgt Ion:136 Resp: 384825
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.1 8.4 12.6
68 5.7 5.1 7.7

Manual Integrations

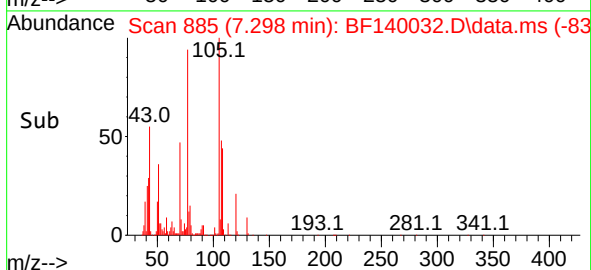
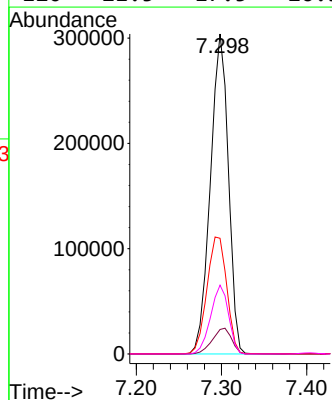
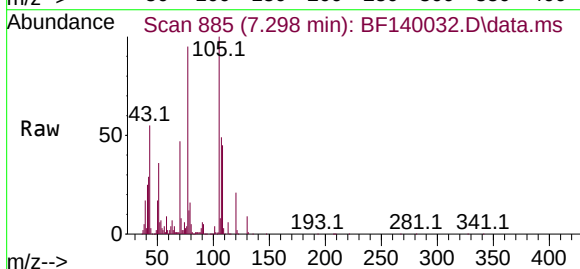
APPROVED

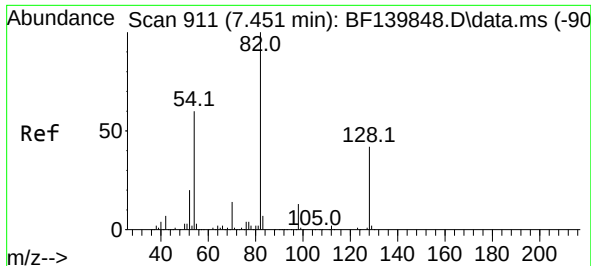
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#22
Acetophenone
Concen: 47.275 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Tgt Ion:105 Resp: 445598
Ion Ratio Lower Upper
105 100
71 7.7 5.9 8.9
51 36.1 29.4 44.2
120 21.5 17.5 26.3





#23
Nitrobenzene-d5
Concen: 101.614 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

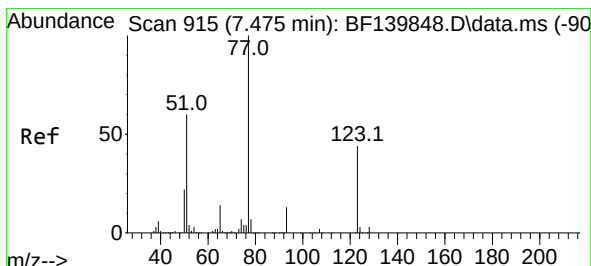
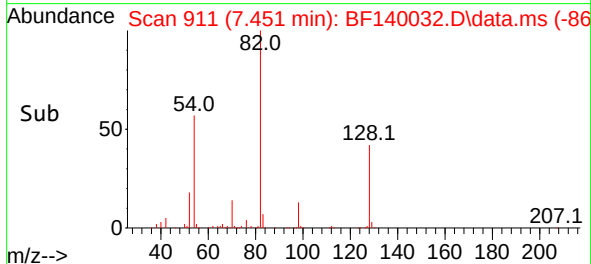
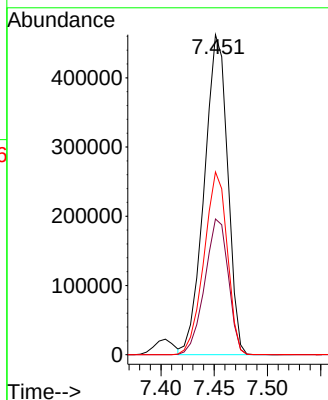
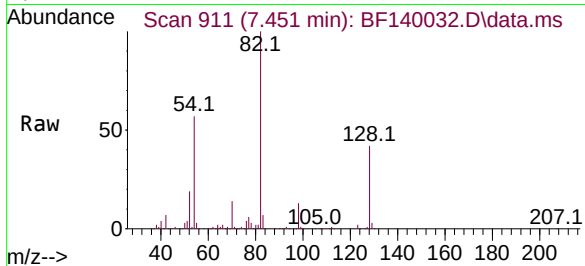
ClientSampleId :

PB164211BS

Tgt Ion: 82 Resp: 70554
Ion Ratio Lower Upper
82 100
128 42.4 33.4 50.0
54 57.1 47.8 71.8

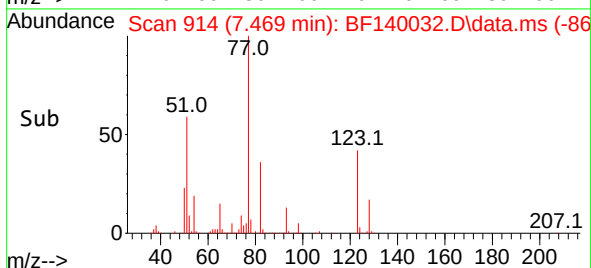
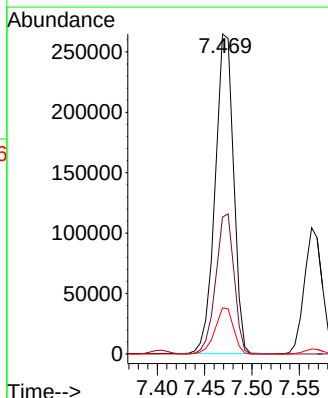
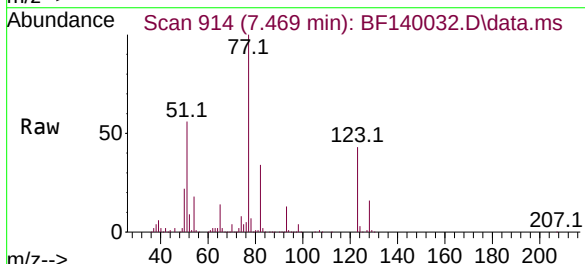
Manual Integrations
APPROVED

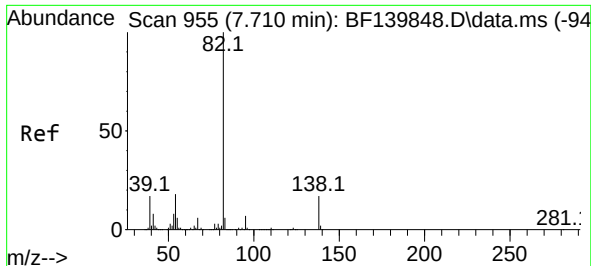
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#24
Nitrobenzene
Concen: 47.169 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

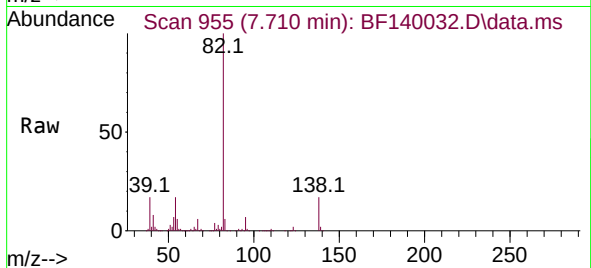
Tgt Ion: 77 Resp: 359081
Ion Ratio Lower Upper
77 100
123 42.8 35.7 53.5
65 14.4 11.5 17.3





#25
Isophorone
Concen: 48.093 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

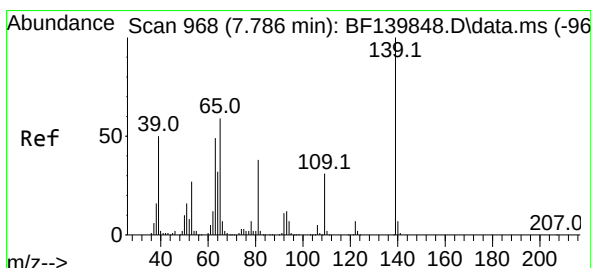
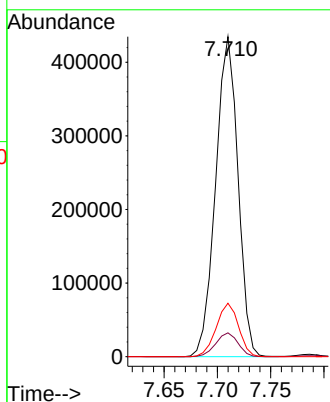
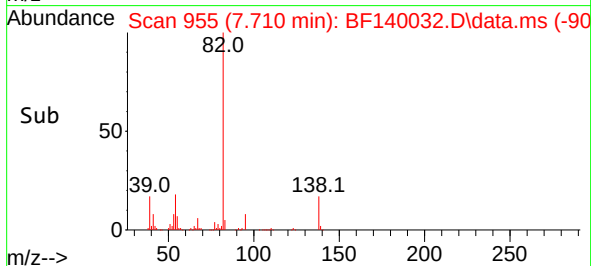
Instrument :
BNA_F
ClientSampleId :
PB164211BS



Tgt Ion: 82 Resp: 63379
Ion Ratio Lower Upper
82 100
95 7.5 5.5 8.3
138 16.7 13.2 19.8

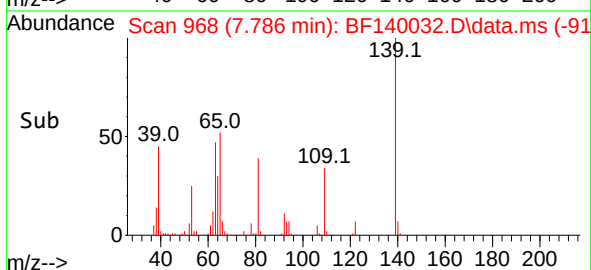
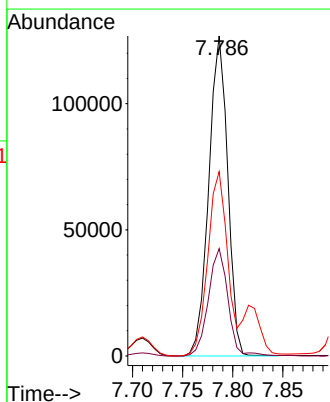
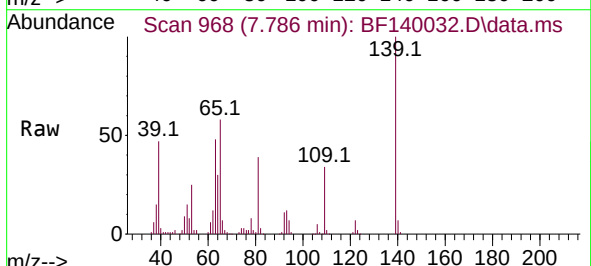
Manual Integrations
APPROVED

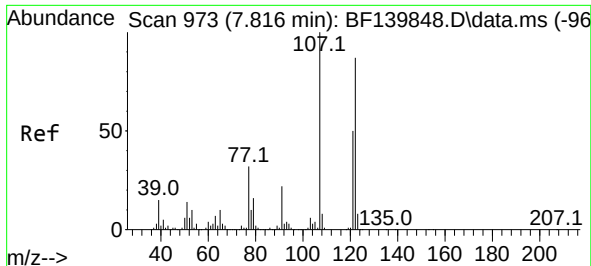
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#26
2-Nitrophenol
Concen: 58.079 ng
RT: 7.786 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Tgt Ion:139 Resp: 166796
Ion Ratio Lower Upper
139 100
109 33.5 25.1 37.7
65 57.6 47.5 71.3





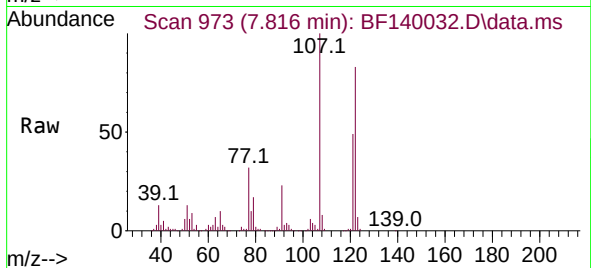
#27
2,4-Dimethylphenol
Concen: 54.485 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

PB164211BS

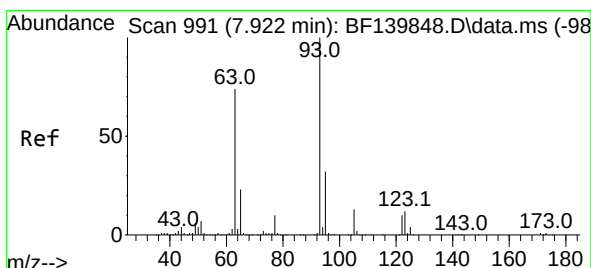
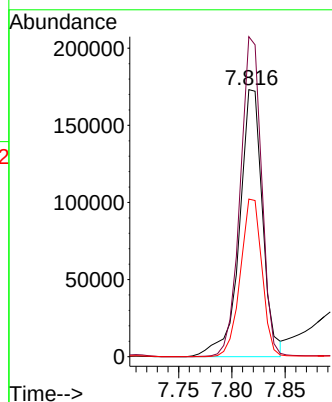
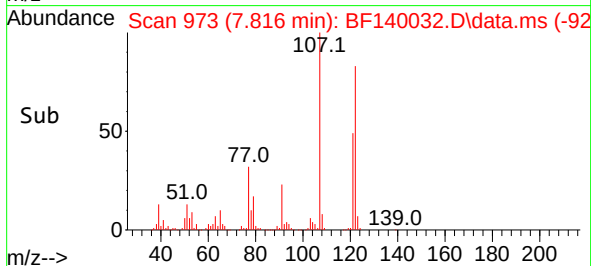


Tgt Ion:122 Resp: 260910
Ion Ratio Lower Upper
122 100
107 119.8 91.9 137.9
121 59.0 46.2 69.4

Manual Integrations

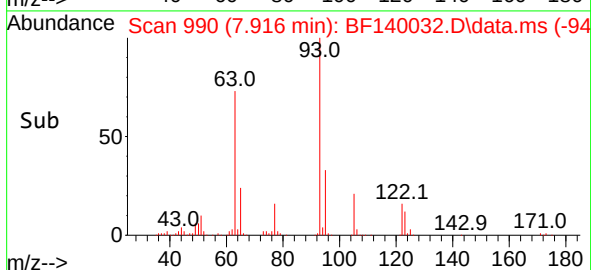
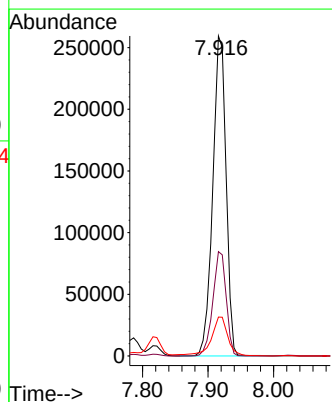
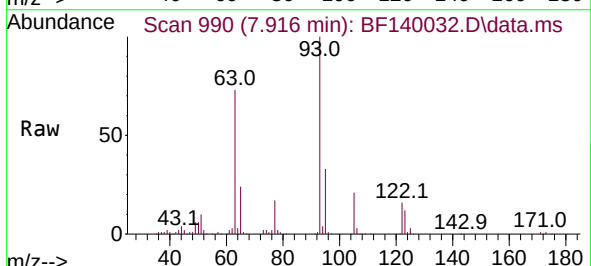
APPROVED

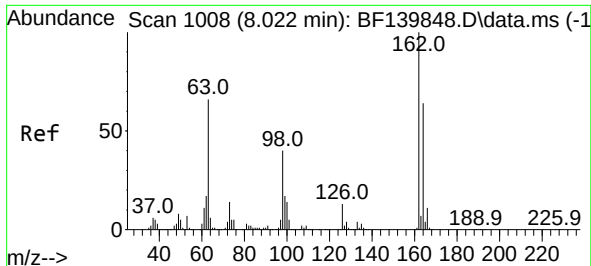
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.971 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Tgt Ion: 93 Resp: 367055
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 12.1 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 47.902 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140032.D

Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

PB164211BS

Tgt Ion:162 Resp: 261280

Ion Ratio Lower Upper

162 100

164 65.6 43.9 83.9

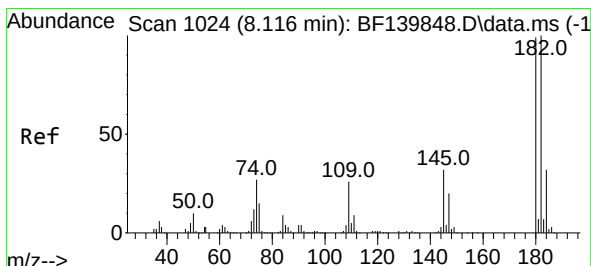
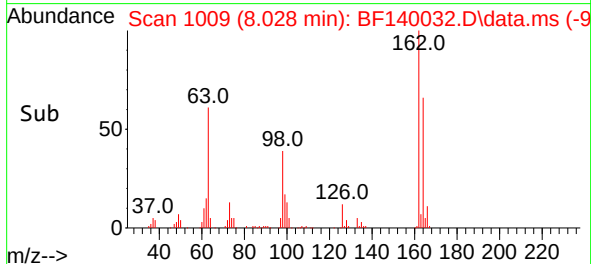
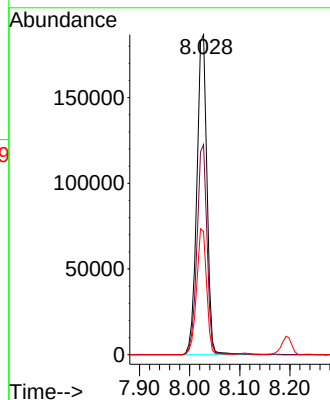
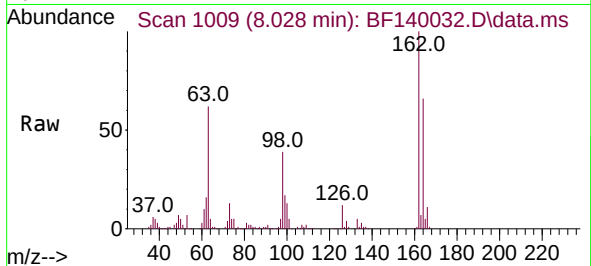
98 38.5 19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.423 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140032.D

Acq: 25 Oct 2024 12:38

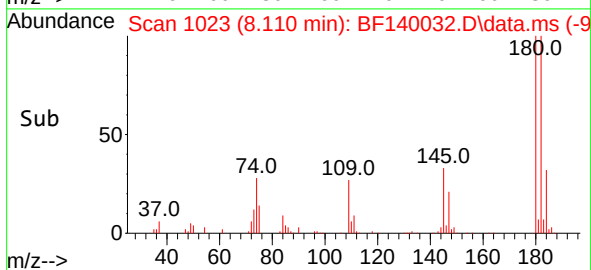
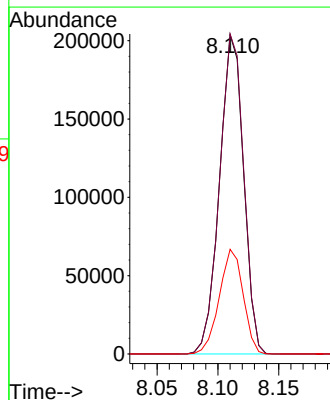
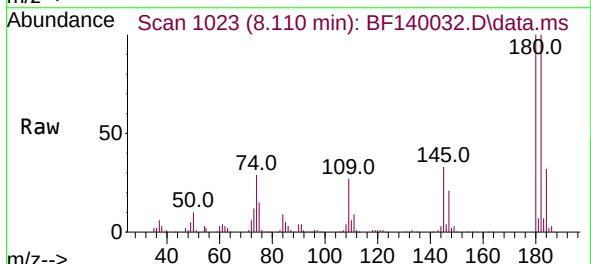
Tgt Ion:180 Resp: 280186

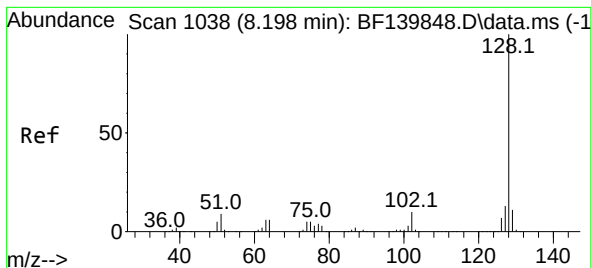
Ion Ratio Lower Upper

180 100

182 100.2 80.5 120.7

145 32.8 25.4 38.0





#31

Naphthalene

Concen: 47.290 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF140032.D

Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

PB164211BS

Tgt Ion:128 Resp: 938572

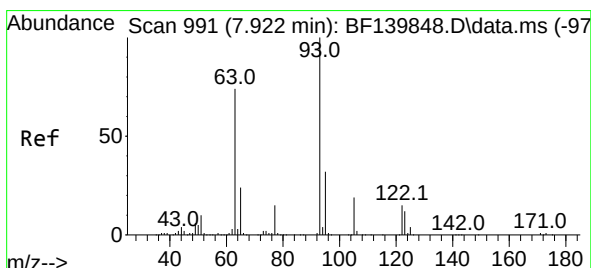
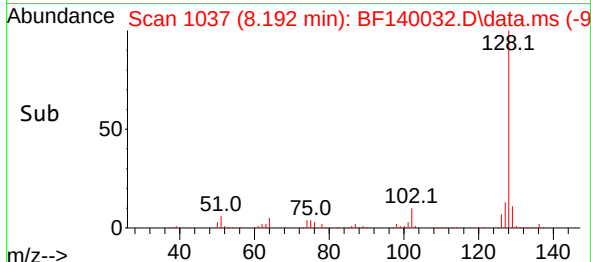
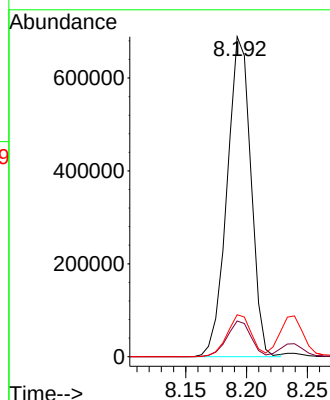
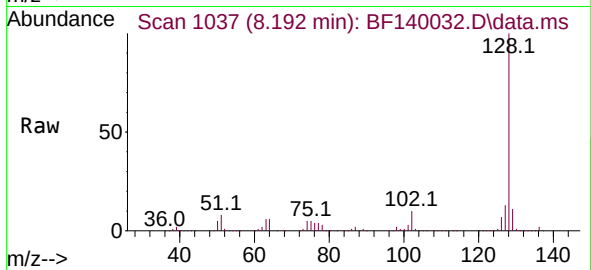
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.1	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#32

Benzoic acid

Concen: 45.495 ng

RT: 7.933 min Scan# 993

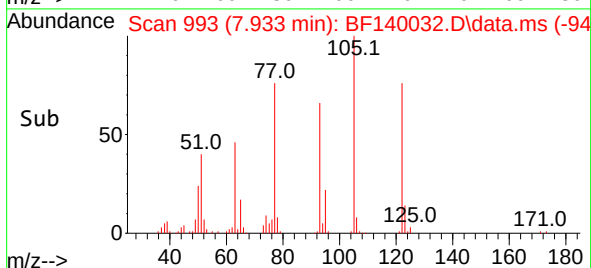
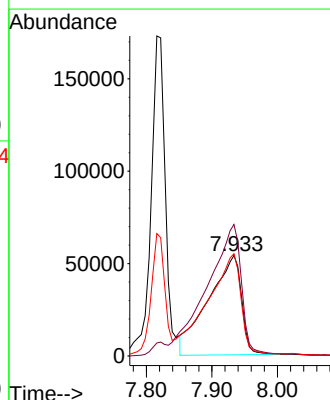
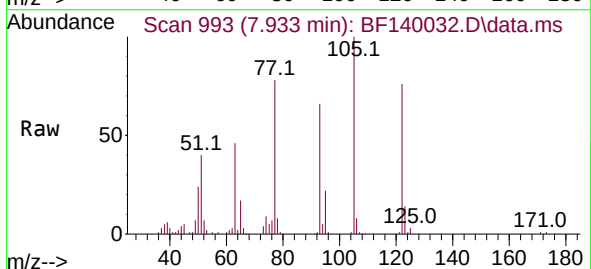
Delta R.T. 0.011 min

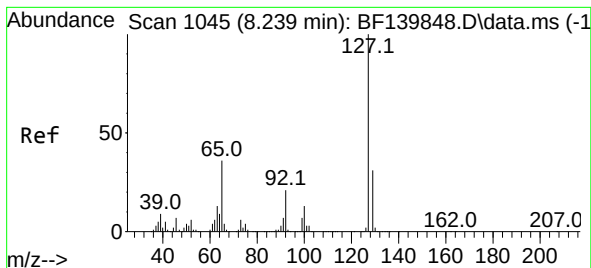
Lab File: BF140032.D

Acq: 25 Oct 2024 12:38

Tgt Ion:122 Resp: 190021

Ion	Ratio	Lower	Upper
122	100		
105	130.9	107.6	147.6
77	101.7	80.2	120.2





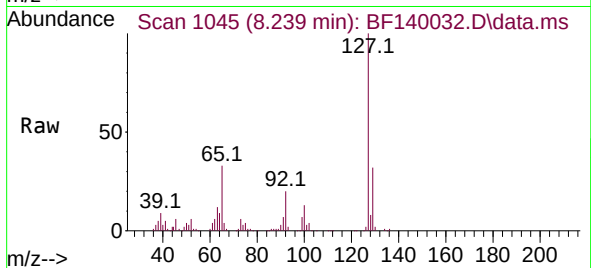
#33
4-Chloroaniline
Concen: 18.918 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

PB164211BS



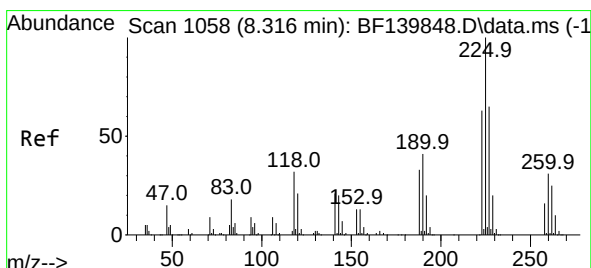
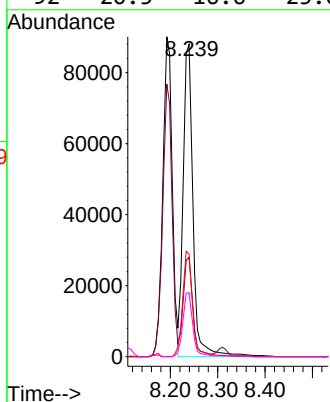
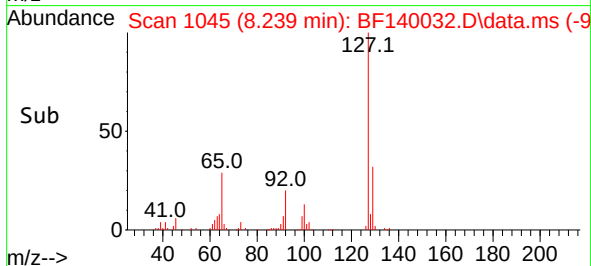
Tgt Ion:	127	Resp:	12802
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.4	38.2
65	32.9	28.4	42.6
92	20.5	16.6	25.0

Manual Integrations

APPROVED

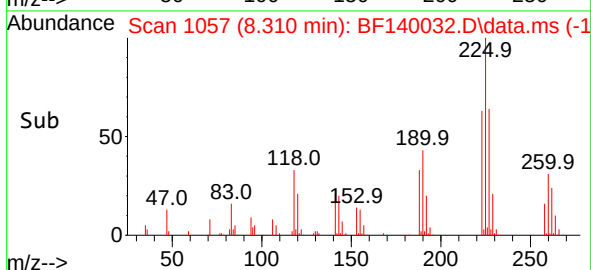
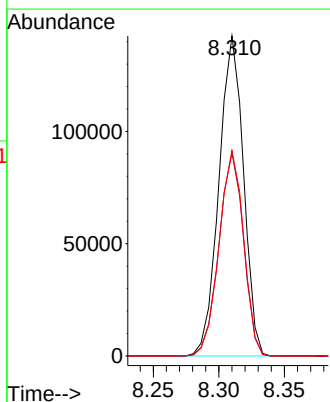
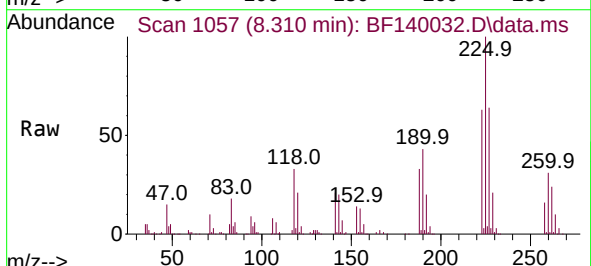
Reviewed By :Yogesh Patel 10/25/2024

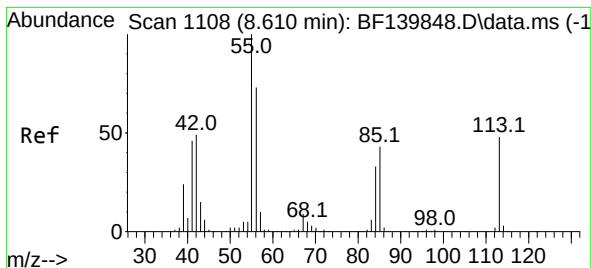
Supervised By :mohammad ahmed 10/28/2024



#34
Hexachlorobutadiene
Concen: 48.852 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Tgt Ion:	225	Resp:	185255
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	64.2	51.8	77.8





#35

Caprolactam

Concen: 49.083 ng m

RT: 8.610 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF140032.D

Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

PB164211BS

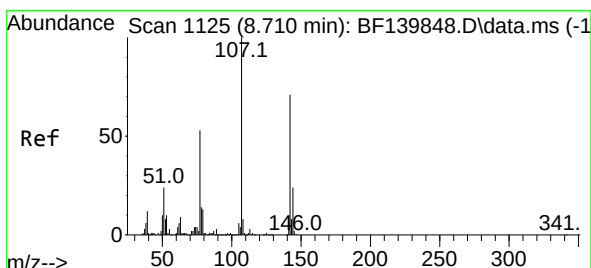
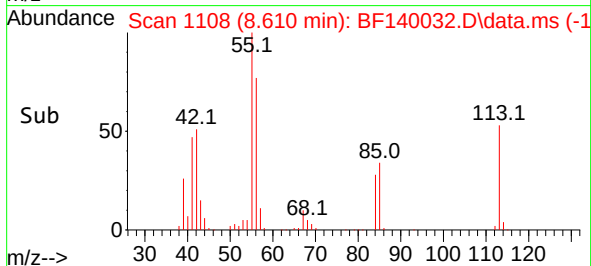
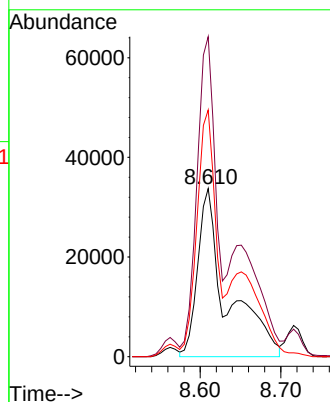
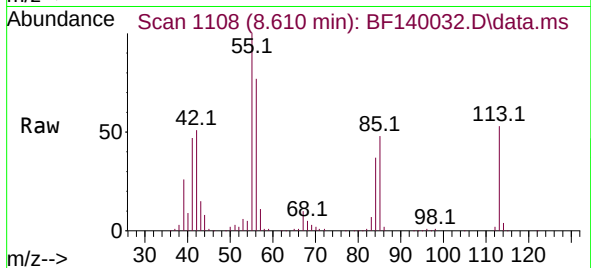
Tgt Ion	Ratio	Lower	Upper
113	100		
55	190.3	189.2	229.2
56	146.8	132.5	172.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#36

4-Chloro-3-methylphenol

Concen: 48.964 ng

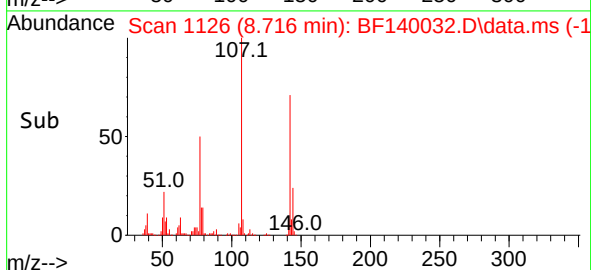
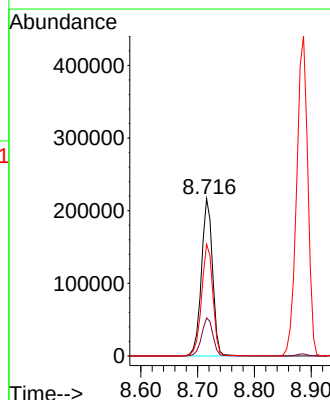
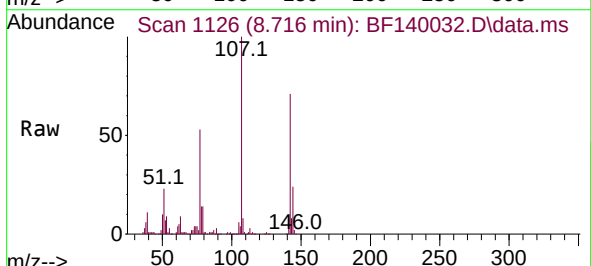
RT: 8.716 min Scan# 1126

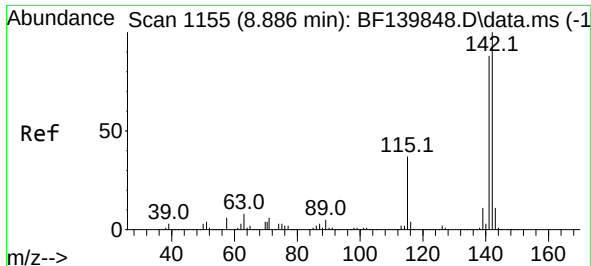
Delta R.T. 0.006 min

Lab File: BF140032.D

Acq: 25 Oct 2024 12:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	19.1	28.7
142	71.0	57.2	85.8





#37
2-Methylnaphthalene
Concen: 49.155 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

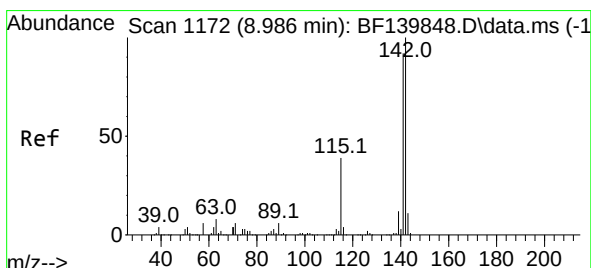
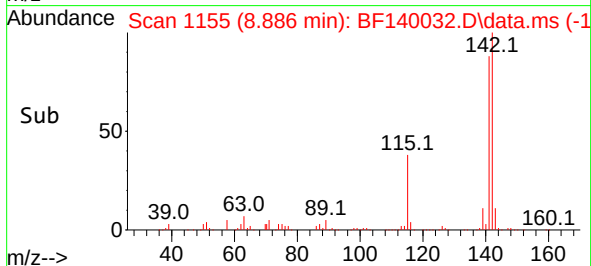
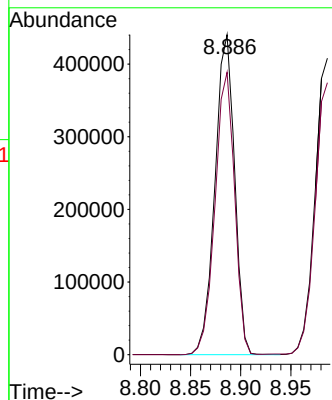
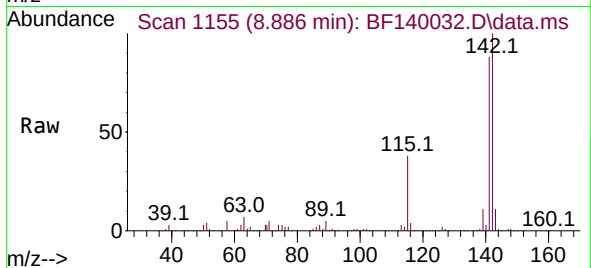
PB164211BS

Tgt Ion:142 Resp: 59747
Ion Ratio Lower Upper
142 100
141 88.2 70.8 106.2

Manual Integrations

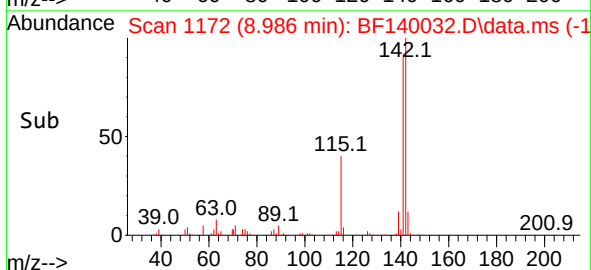
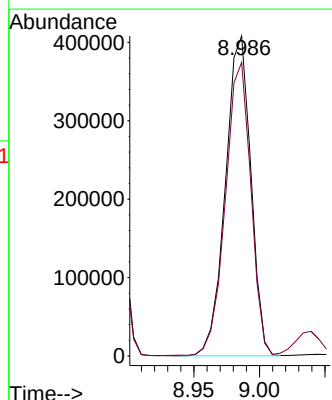
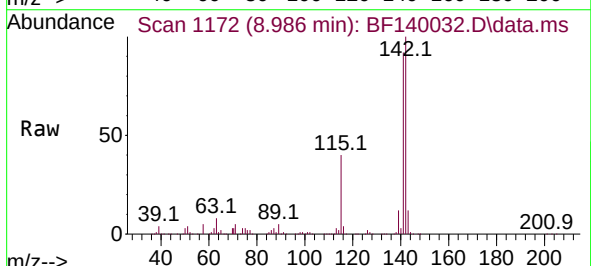
APPROVED

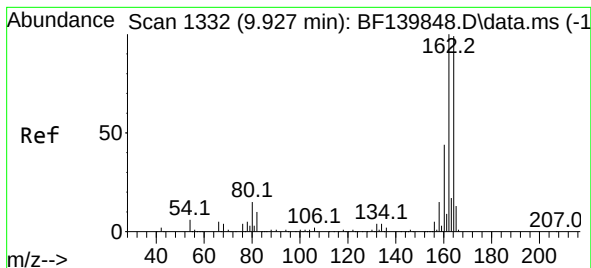
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#38
1-Methylnaphthalene
Concen: 46.051 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Tgt Ion:142 Resp: 549177
Ion Ratio Lower Upper
142 100
141 91.8 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF140032.D

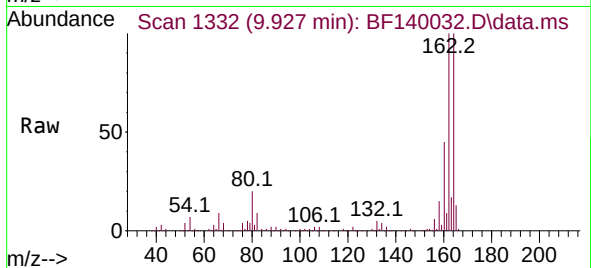
Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

PB164211BS



Tgt Ion:164 Resp: 21353

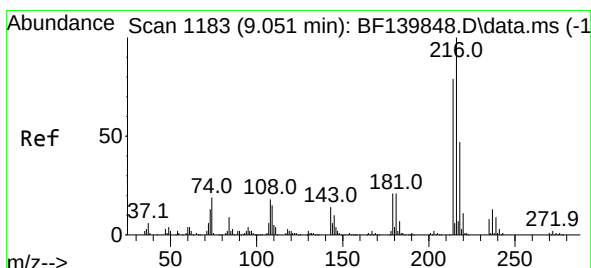
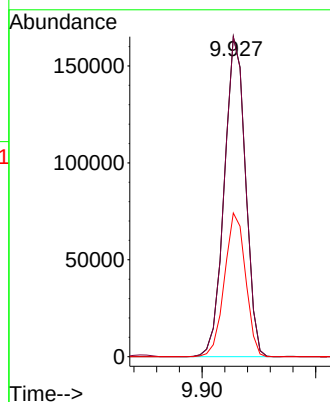
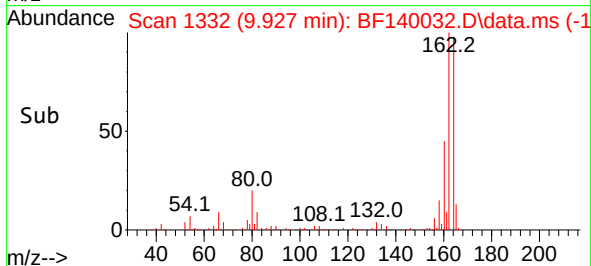
Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.0	121.4
160	44.9	35.4	53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.385 ng

RT: 9.051 min Scan# 1183

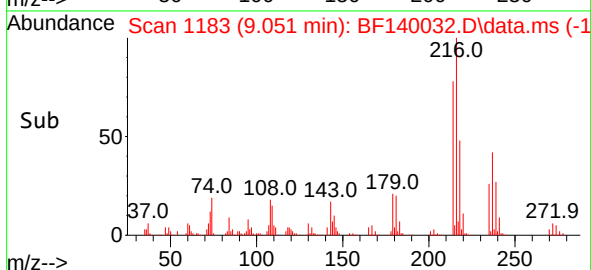
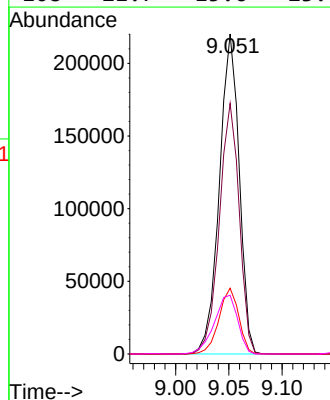
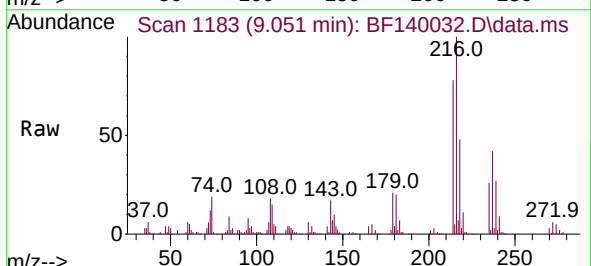
Delta R.T. 0.000 min

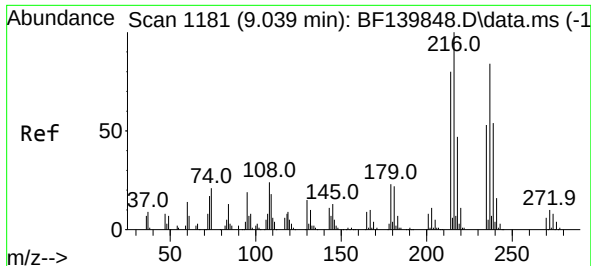
Lab File: BF140032.D

Acq: 25 Oct 2024 12:38

Tgt Ion:216 Resp: 284498

Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.4	95.0
179	20.6	17.2	25.8
108	21.7	15.6	23.4





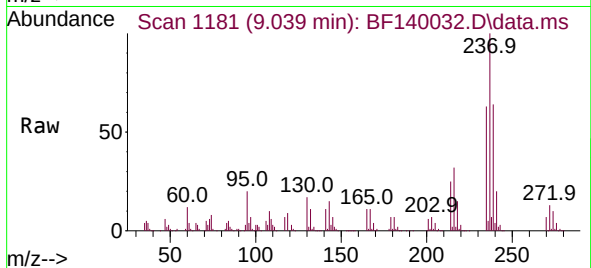
#41
Hexachlorocyclopentadiene
Concen: 188.468 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

PB164211BS

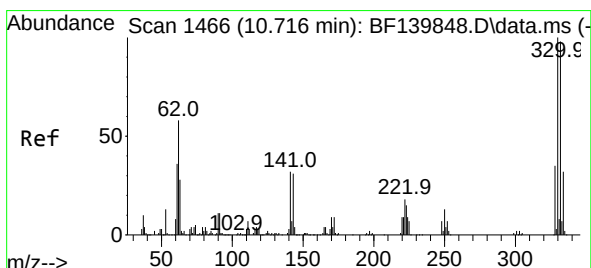
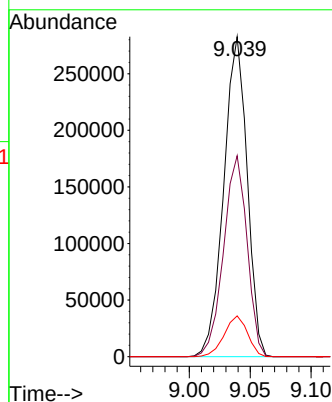
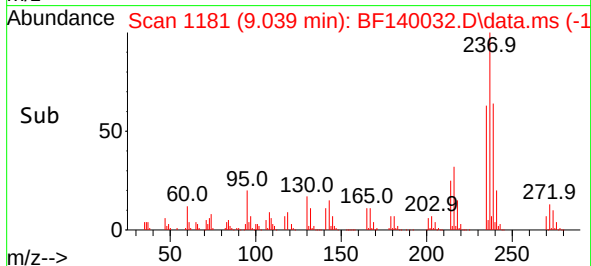


Tgt Ion:237 Resp: 377779
Ion Ratio Lower Upper
237 100
235 62.8 42.9 82.9
272 12.8 0.0 32.3

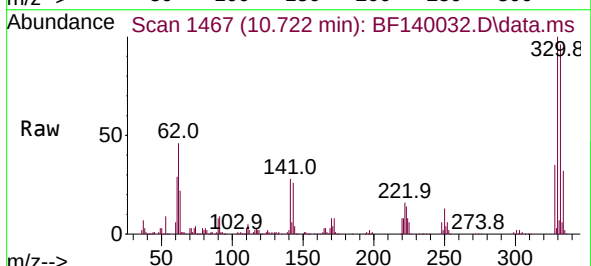
Manual Integrations

APPROVED

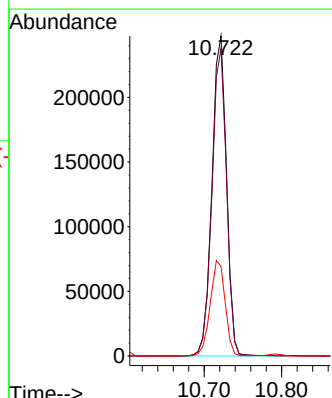
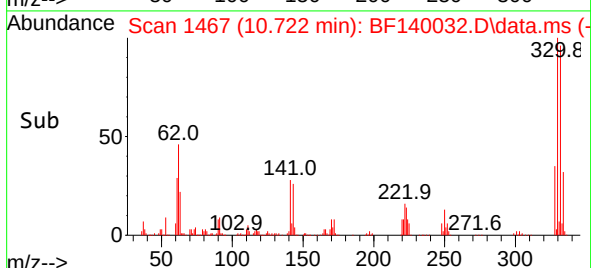
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

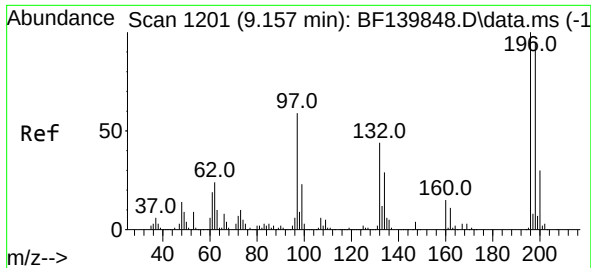


#42
2,4,6-Tribromophenol
Concen: 162.167 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38



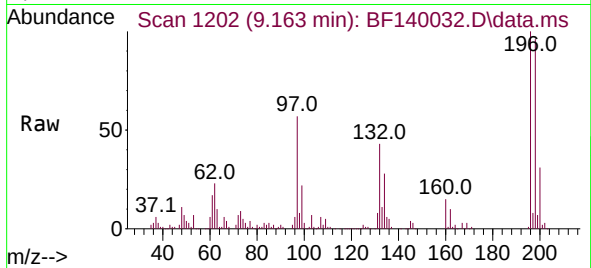
Tgt Ion:330 Resp: 323900
Ion Ratio Lower Upper
330 100
332 95.8 78.1 117.1
141 30.6 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 50.995 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

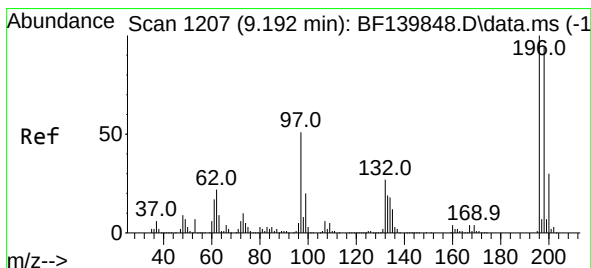
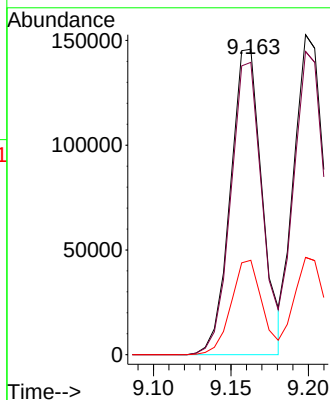
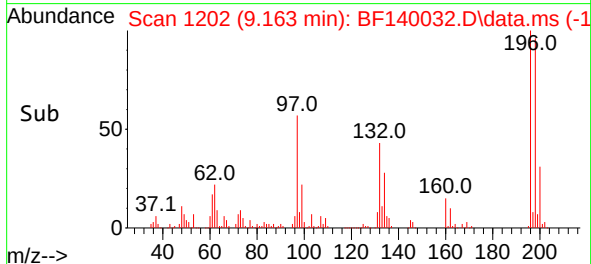
Instrument :
BNA_F
ClientSampleId :
PB164211BS



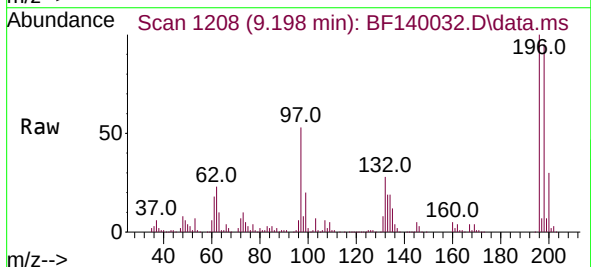
Tgt Ion:196 Resp: 207980
Ion Ratio Lower Upper
196 100
198 95.7 76.2 114.2
200 30.9 24.0 36.0

Manual Integrations
APPROVED

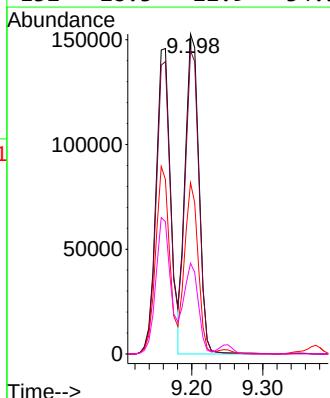
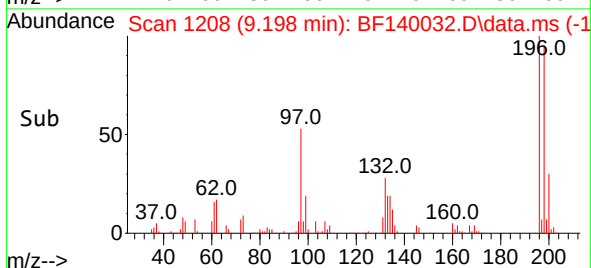
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

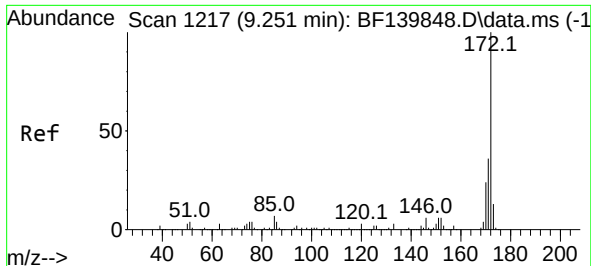


#44
2,4,5-Trichlorophenol
Concen: 49.222 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38



Tgt Ion:196 Resp: 207126
Ion Ratio Lower Upper
196 100
198 94.8 75.8 113.6
97 53.5 41.8 62.6
132 28.3 22.9 34.3





#45
2-Fluorobiphenyl
Concen: 98.012 ng
RT: 9.251 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

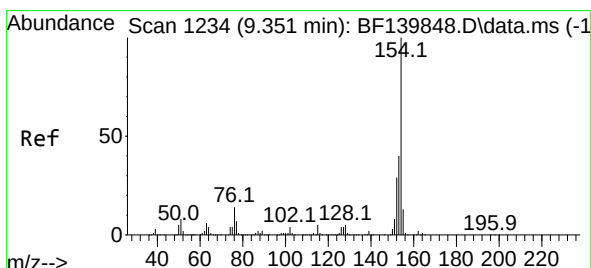
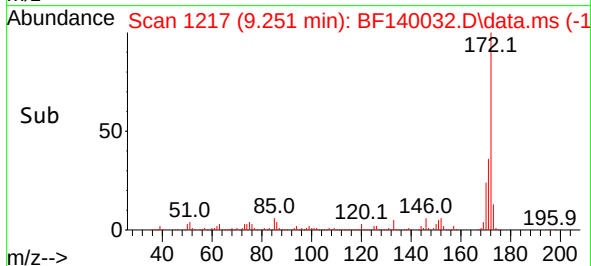
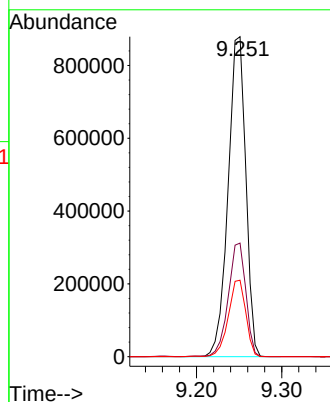
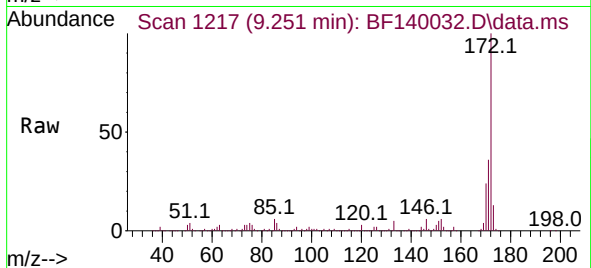
PB164211BS

Tgt Ion:172 Resp: 126634
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.9 19.1 28.7

Manual Integrations

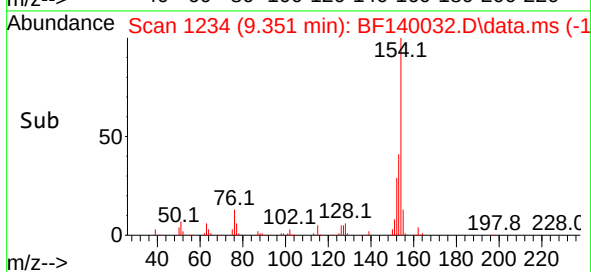
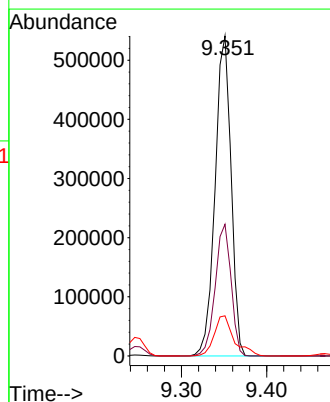
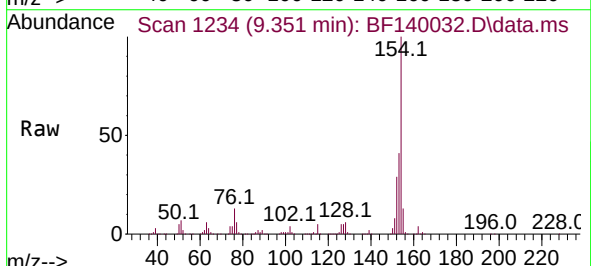
APPROVED

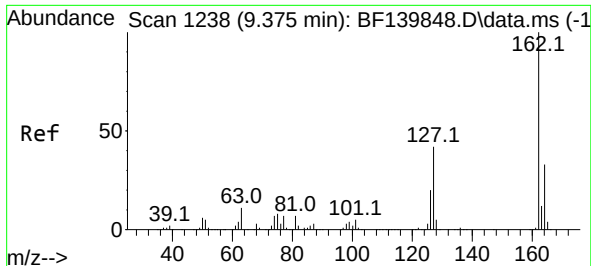
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#46
1,1'-Biphenyl
Concen: 47.331 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Tgt Ion:154 Resp: 703580
Ion Ratio Lower Upper
154 100
153 41.1 20.3 60.3
76 12.5 0.0 33.9





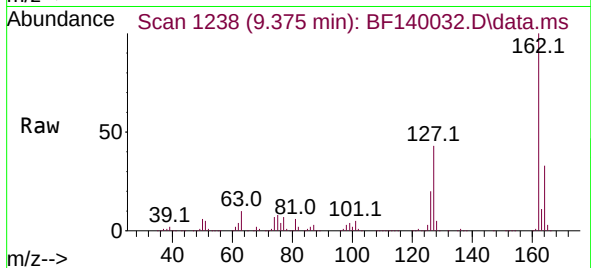
#47
2-Chloronaphthalene
Concen: 47.625 ng
RT: 9.375 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

PB164211BS



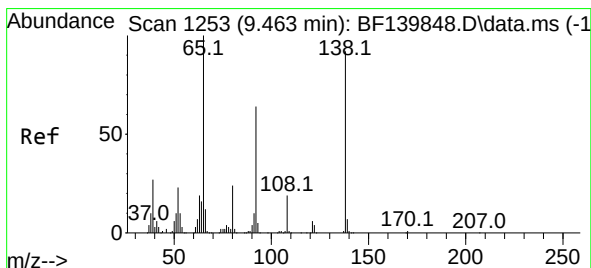
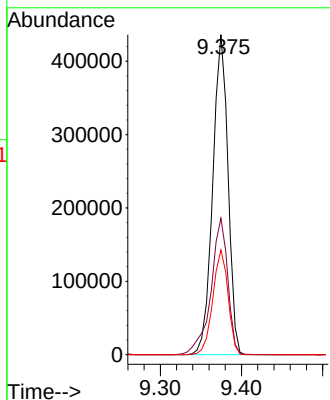
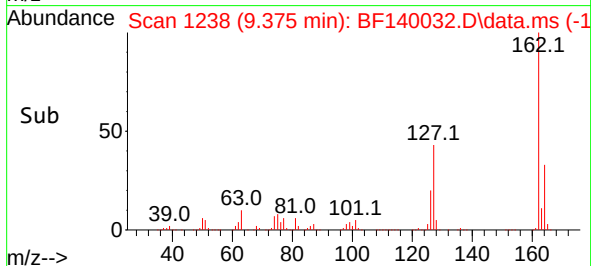
Tgt Ion:162 Resp: 570189
Ion Ratio Lower Upper
162 100
127 42.6 33.8 50.6
164 32.7 26.6 39.8

Manual Integrations

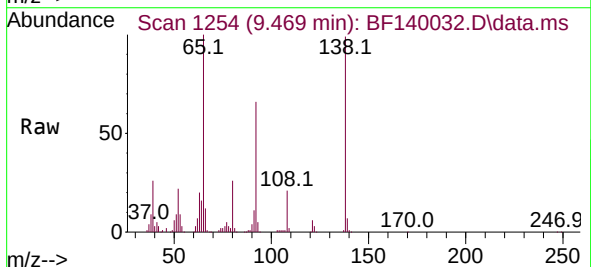
APPROVED

Reviewed By :Yogesh Patel 10/25/2024

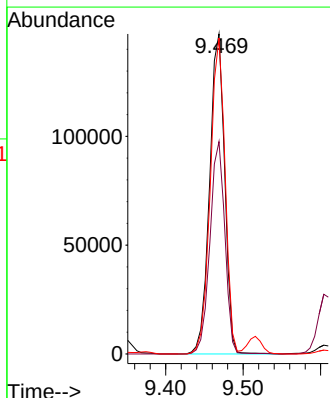
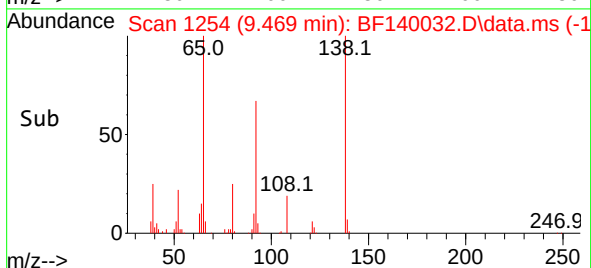
Supervised By :mohammad ahmed 10/28/2024

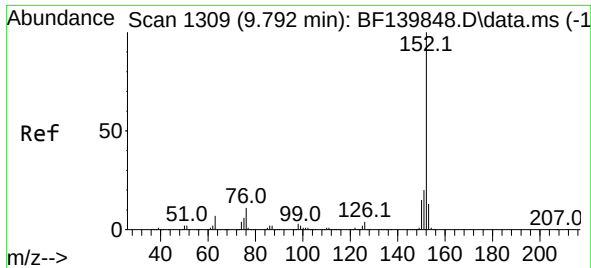


#48
2-Nitroaniline
Concen: 54.234 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38



Tgt Ion: 65 Resp: 198589
Ion Ratio Lower Upper
65 100
92 66.3 50.9 76.3
138 98.7 73.4 110.0





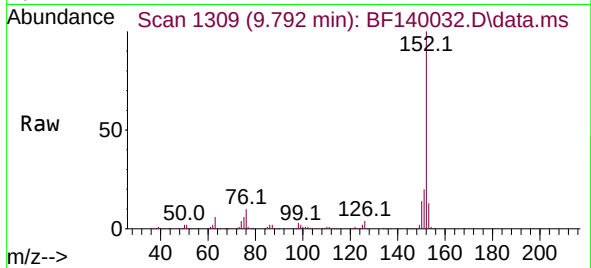
#49
Acenaphthylene
Concen: 51.492 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

PB164211BS



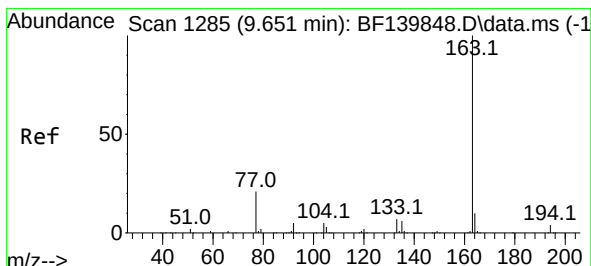
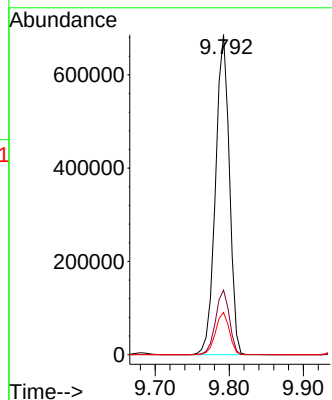
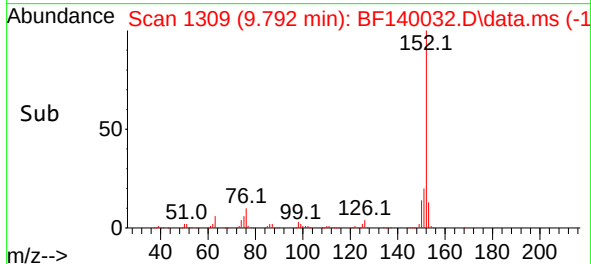
Tgt Ion:152 Resp: 89125
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.2 10.7 16.1

Manual Integrations

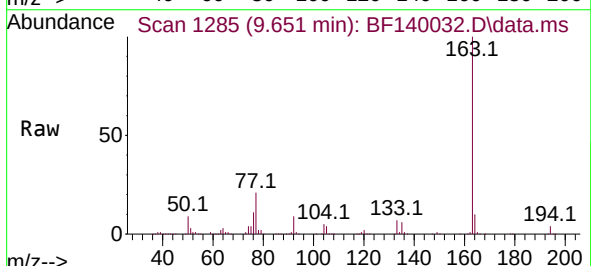
APPROVED

Reviewed By :Yogesh Patel 10/25/2024

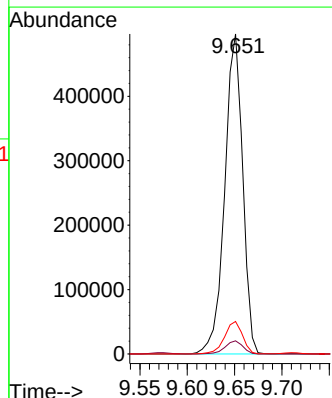
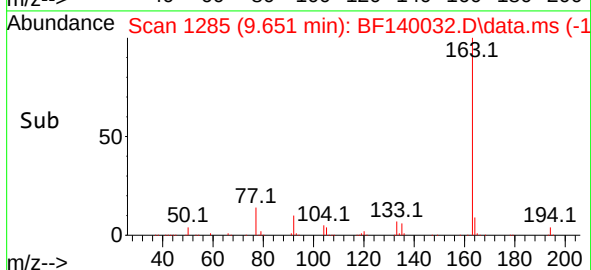
Supervised By :mohammad ahmed 10/28/2024

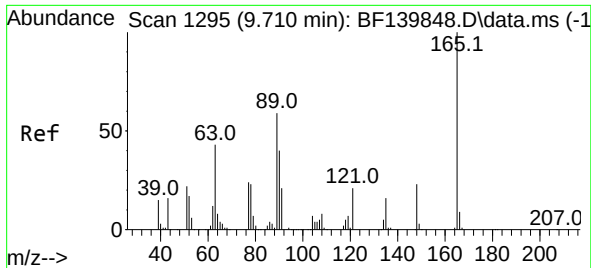


#50
Dimethylphthalate
Concen: 49.218 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38



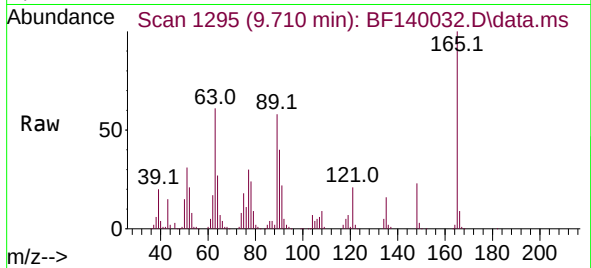
Tgt Ion:163 Resp: 654628
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 50.233 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

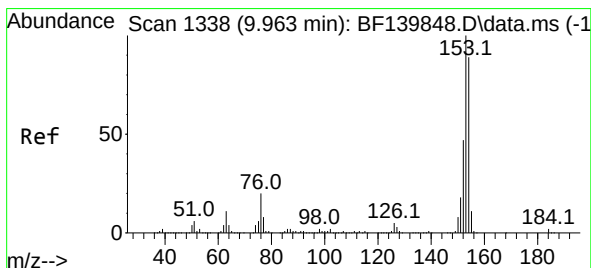
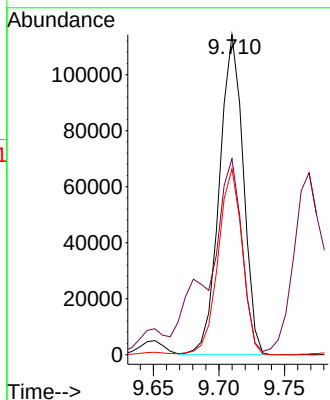
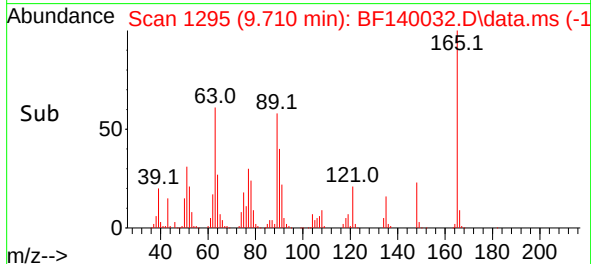
Instrument :
BNA_F
ClientSampleId :
PB164211BS



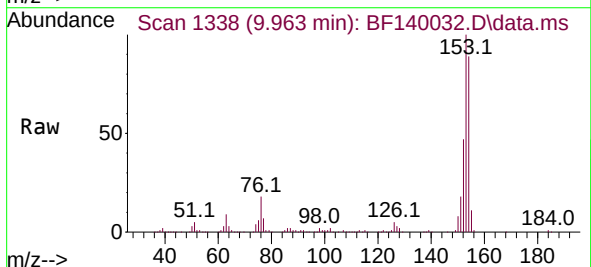
Tgt Ion:165 Resp: 144662
Ion Ratio Lower Upper
165 100
63 61.2 50.6 75.8
89 58.0 47.5 71.3

Manual Integrations
APPROVED

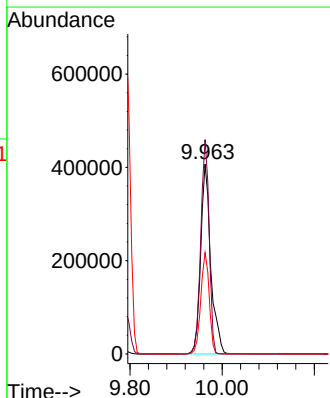
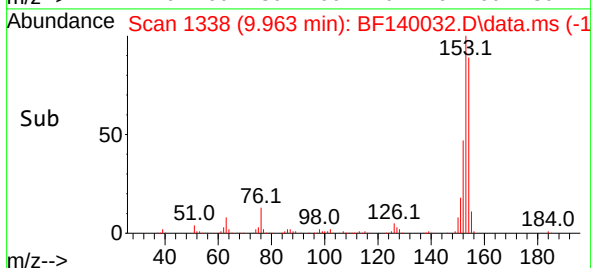
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

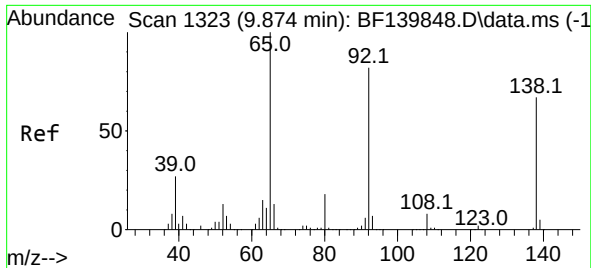


#52
Acenaphthene
Concen: 55.657 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38



Tgt Ion:154 Resp: 623188
Ion Ratio Lower Upper
154 100
153 112.9 89.8 134.6
152 53.4 42.4 63.6





#53
3-Nitroaniline
Concen: 32.507 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

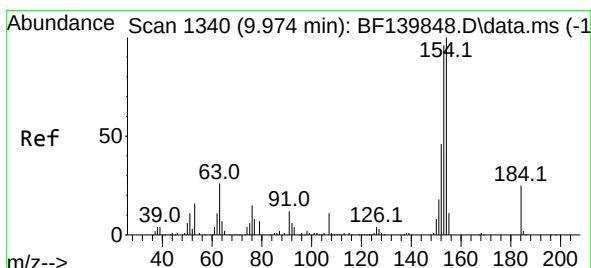
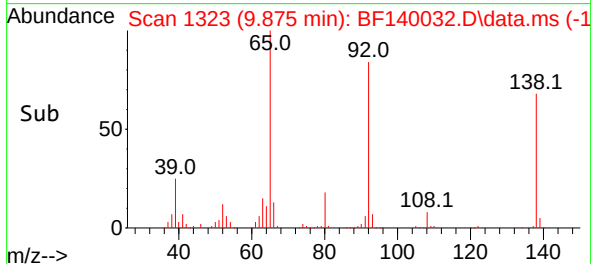
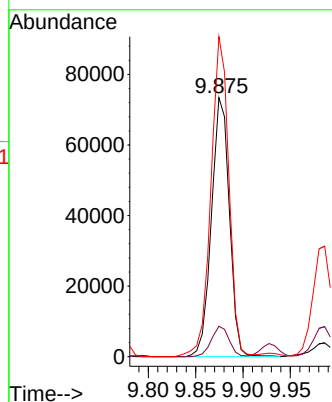
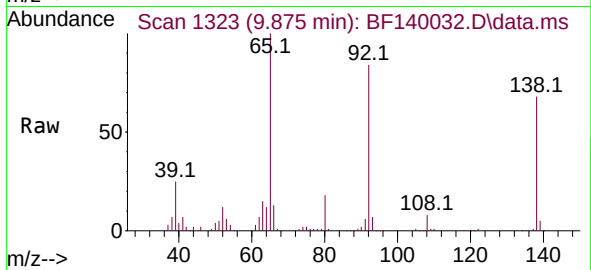
PB164211BS

Tgt Ion:138 Resp: 96540
Ion Ratio Lower Upper
138 100
108 11.7 10.2 15.2
92 123.6 98.3 147.5

Manual Integrations

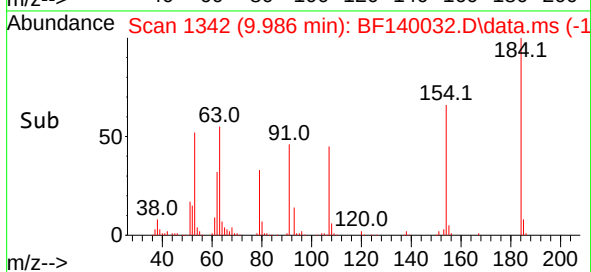
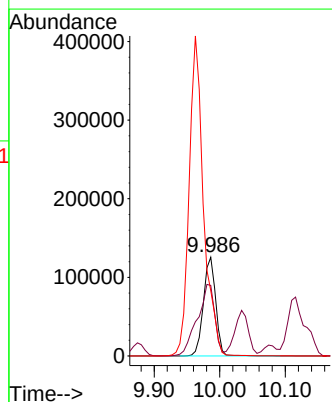
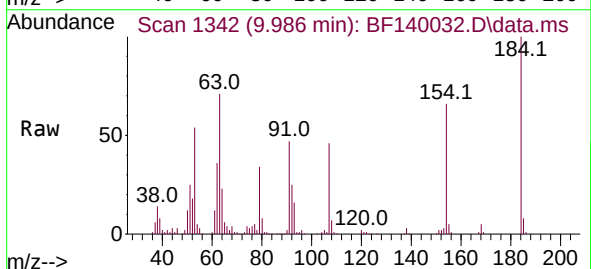
APPROVED

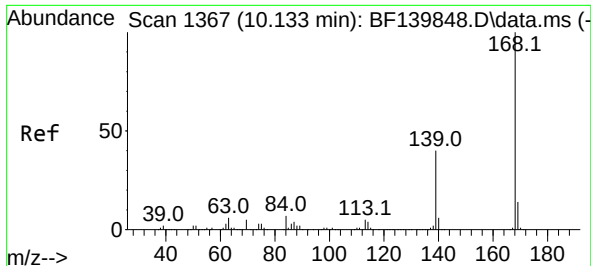
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#54
2,4-Dinitrophenol
Concen: 132.569 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

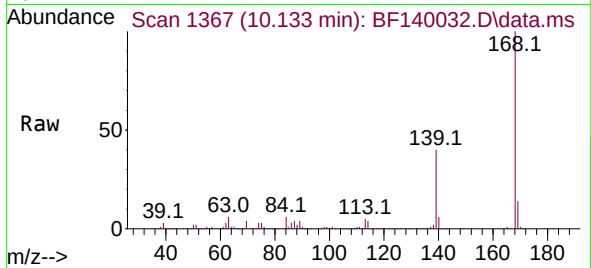
Tgt Ion:184 Resp: 164209
Ion Ratio Lower Upper
184 100
63 71.4 84.7 127.1#
154 66.1 338.2 507.2#





#55
Dibenzenofuran
Concen: 49.370 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

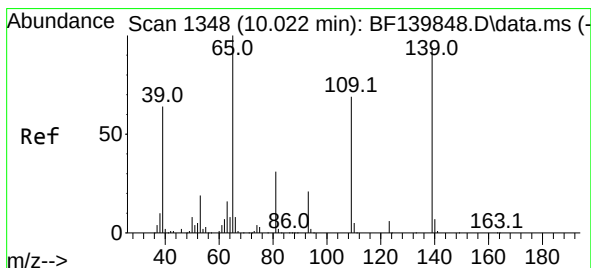
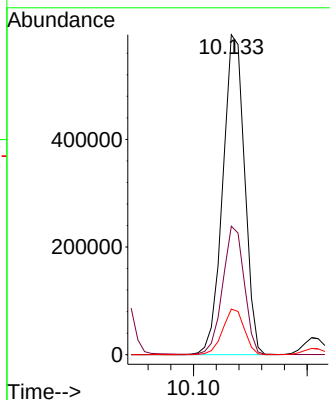
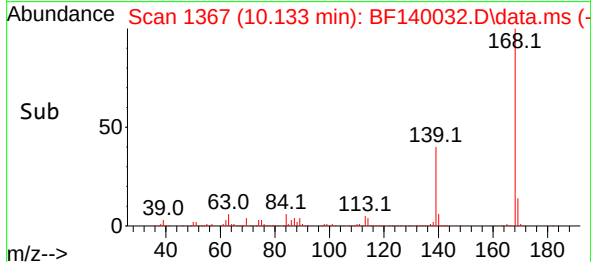
Instrument :
BNA_F
ClientSampleId :
PB164211BS



Tgt Ion:168 Resp: 793128
Ion Ratio Lower Upper
168 100
139 40.1 31.8 47.6
169 14.3 11.6 17.4

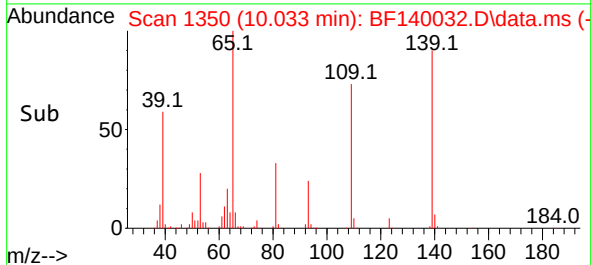
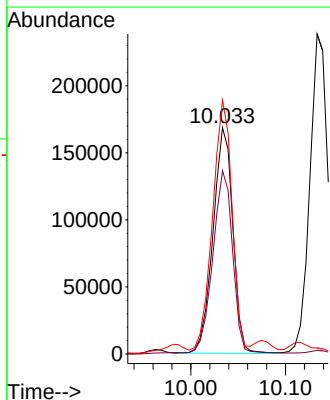
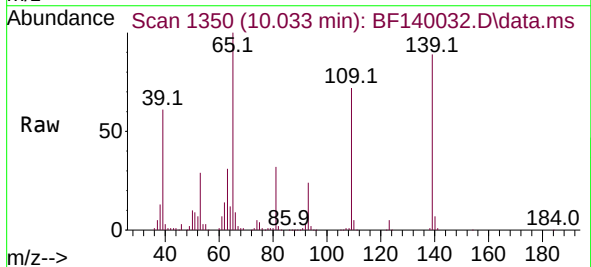
Manual Integrations
APPROVED

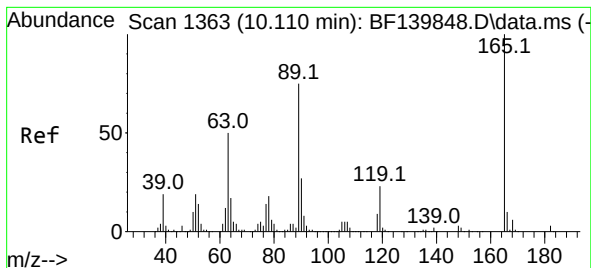
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#56
4-Nitrophenol
Concen: 107.198 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Tgt Ion:139 Resp: 244930
Ion Ratio Lower Upper
139 100
109 80.9 53.6 93.6
65 112.1 87.8 127.8





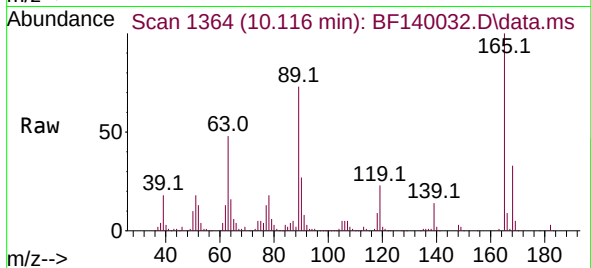
#57
2,4-Dinitrotoluene
Concen: 56.814 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

PB164211BS

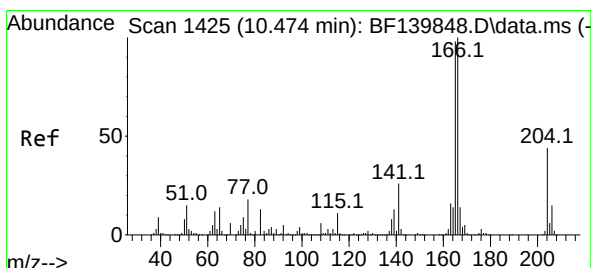
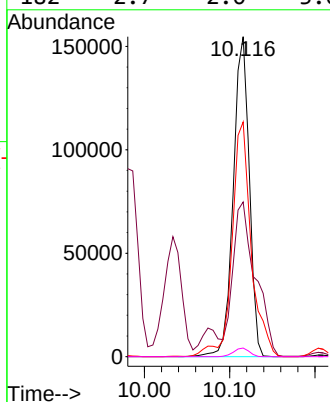
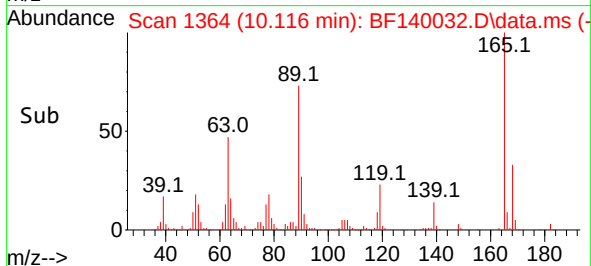


Tgt Ion:165 Resp: 20120
Ion Ratio Lower Upper
165 100
63 48.4 40.1 60.1
89 73.4 60.4 90.6
182 2.7 2.0 3.0

Manual Integrations

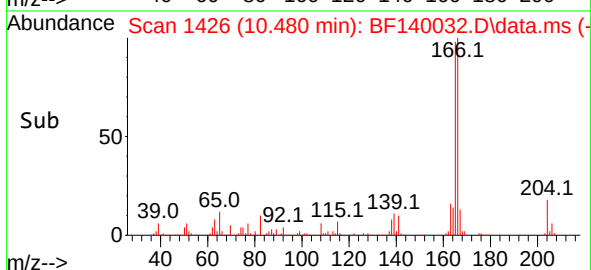
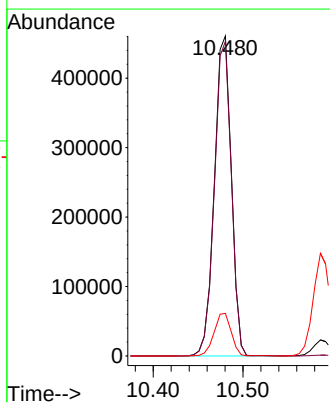
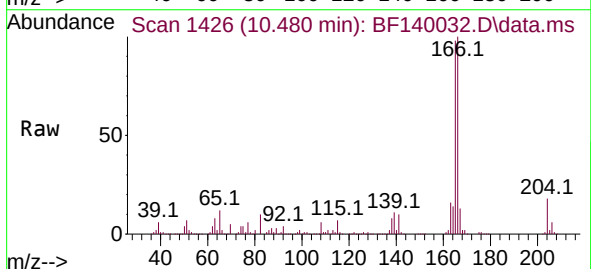
APPROVED

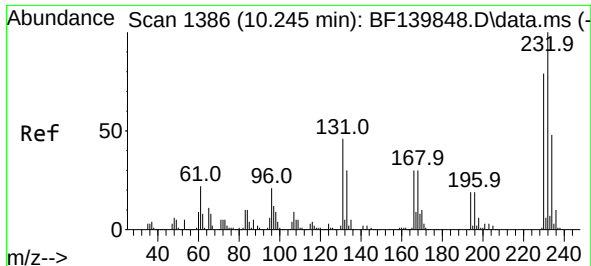
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#58
Fluorene
Concen: 49.451 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

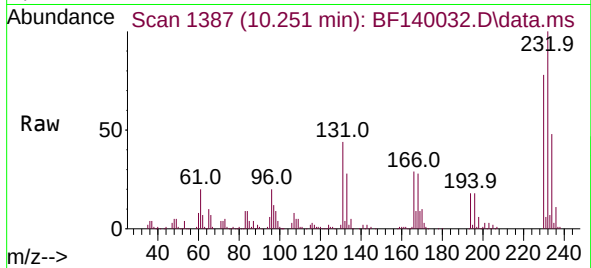
Tgt Ion:166 Resp: 605076
Ion Ratio Lower Upper
166 100
165 98.3 78.5 117.7
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.297 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

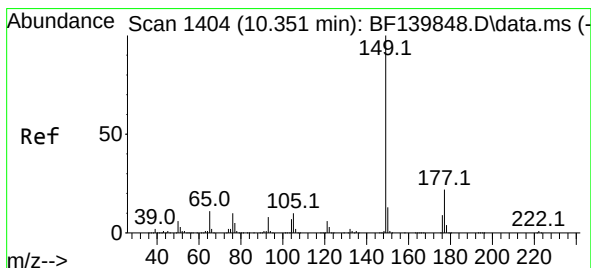
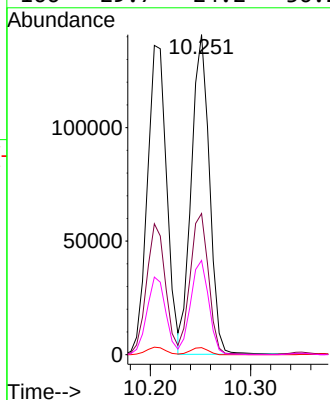
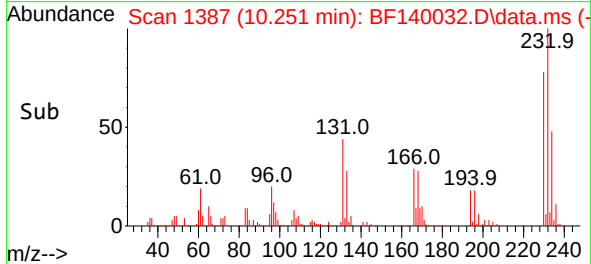
Instrument :
BNA_F
ClientSampleId :
PB164211BS



Tgt Ion:232 Resp: 17581
Ion Ratio Lower Upper
232 100
131 45.2 37.0 55.6
130 2.2 1.9 2.9
166 29.7 24.2 36.2

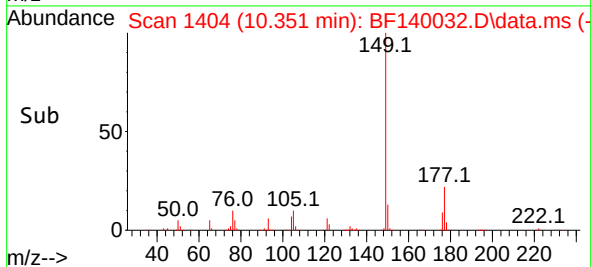
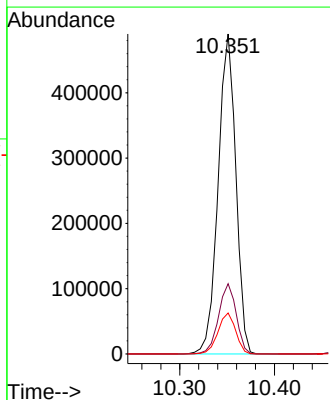
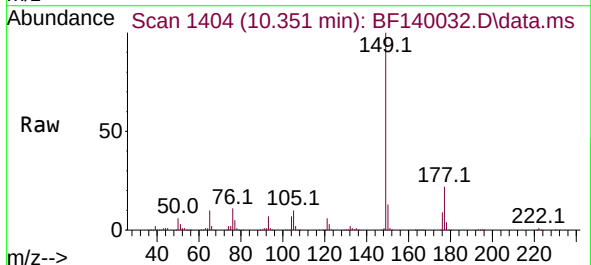
Manual Integrations
APPROVED

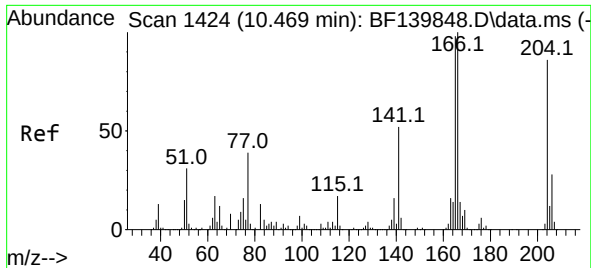
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#60
Diethylphthalate
Concen: 48.765 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

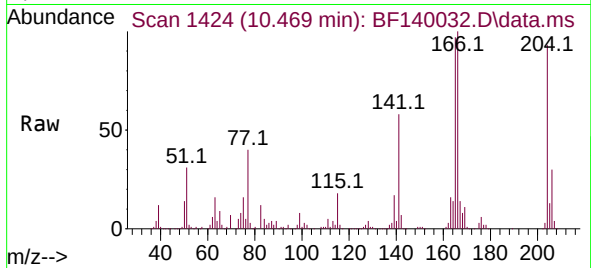
Tgt Ion:149 Resp: 636825
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 48.697 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

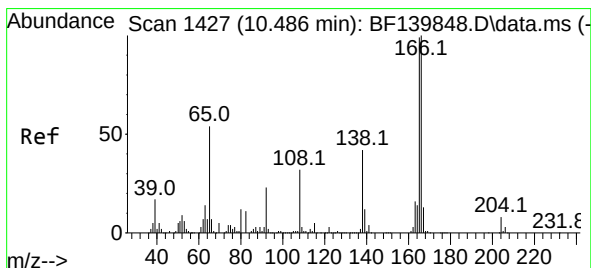
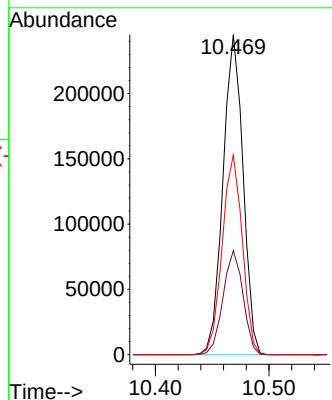
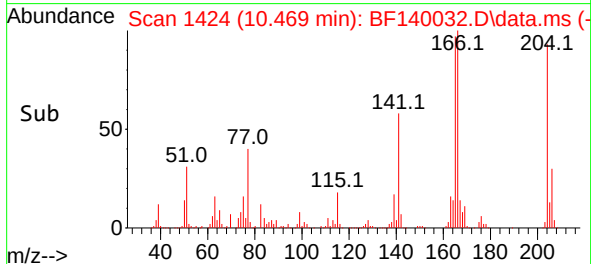
Instrument :
BNA_F
ClientSampleId :
PB164211BS



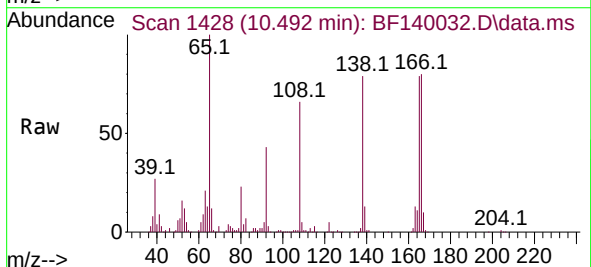
Tgt Ion:204 Resp: 30090
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 62.3 48.6 73.0

Manual Integrations
APPROVED

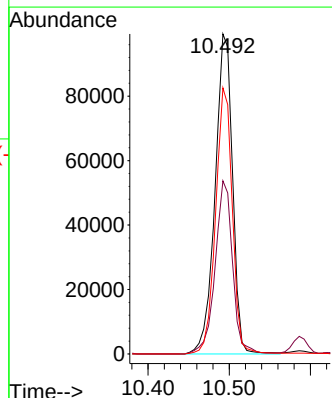
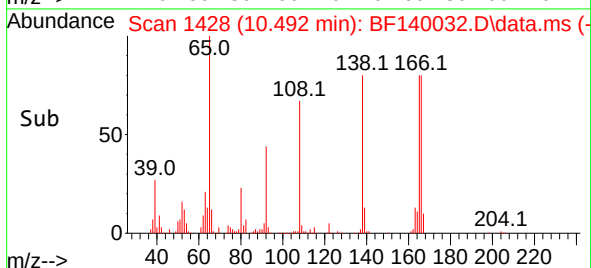
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

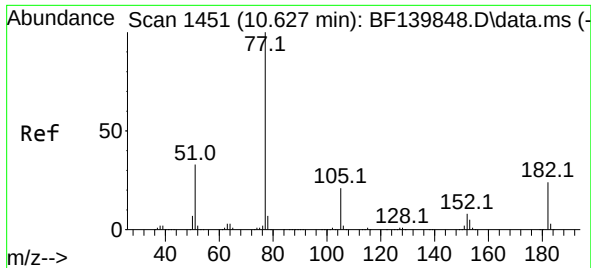


#62
4-Nitroaniline
Concen: 53.046 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38



Tgt Ion:138 Resp: 148786
Ion Ratio Lower Upper
138 100
92 54.1 35.7 75.7
108 83.2 57.5 97.5





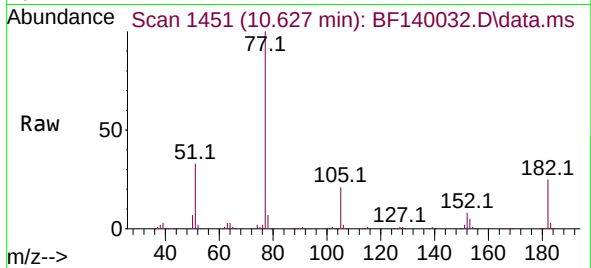
#63
Azobenzene
Concen: 46.351 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

PB164211BS



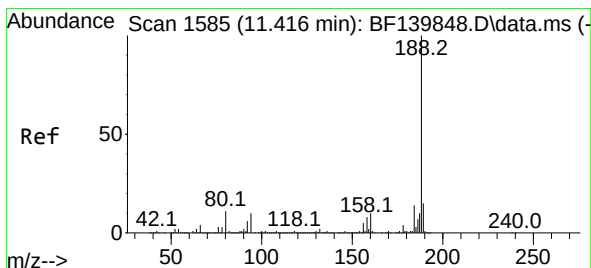
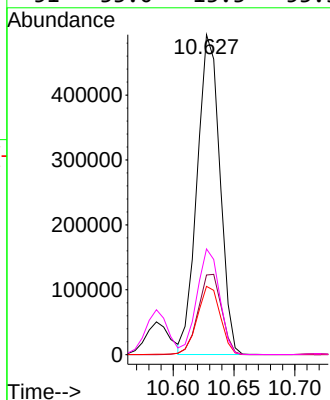
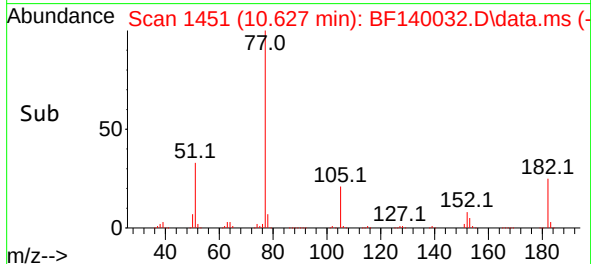
Tgt Ion: 77 Resp: 64171
Ion Ratio Lower Upper
77 100
182 24.9 3.3 43.3
105 21.3 1.2 41.2
51 33.0 13.3 53.3

Manual Integrations

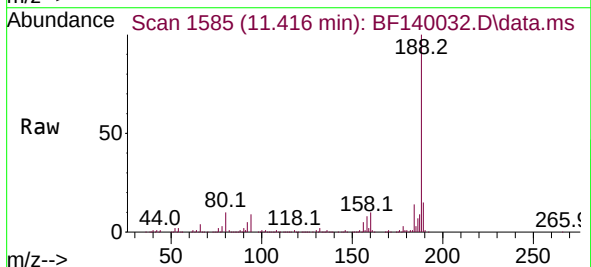
APPROVED

Reviewed By :Yogesh Patel 10/25/2024

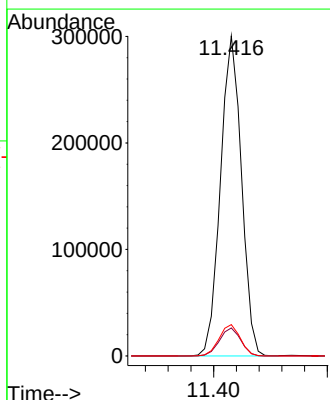
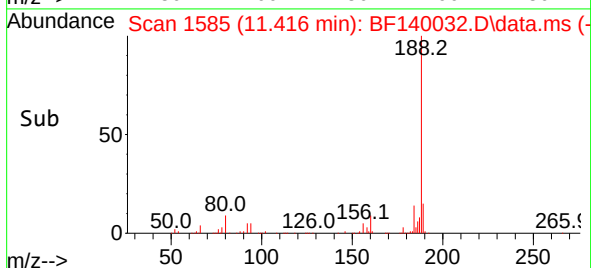
Supervised By :mohammad ahmed 10/28/2024

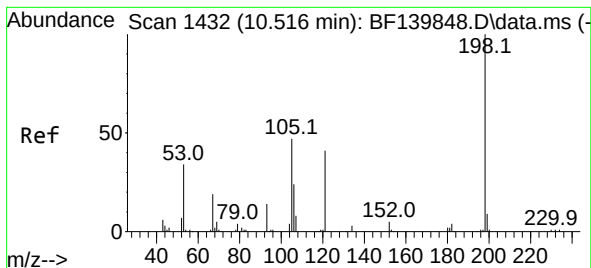


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38



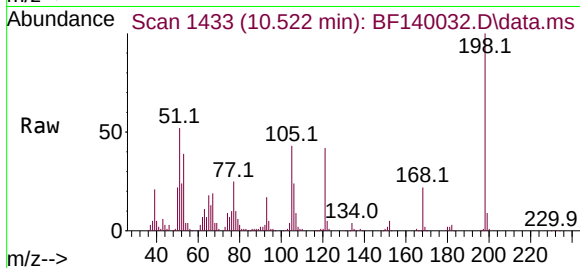
Tgt Ion:188 Resp: 385753
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 9.8 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 71.811 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

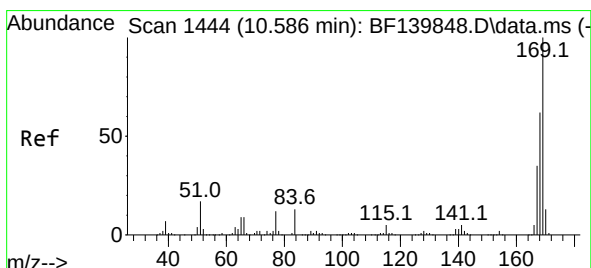
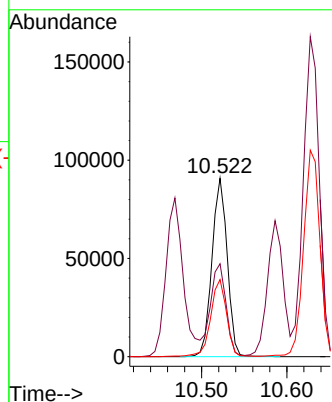
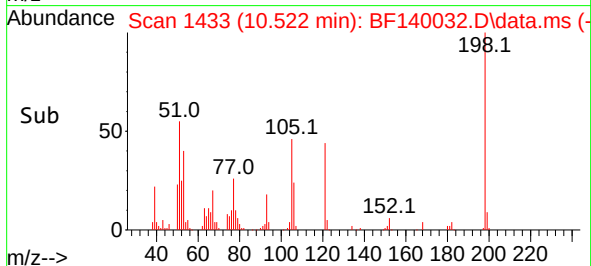
Instrument :
BNA_F
ClientSampleId :
PB164211BS



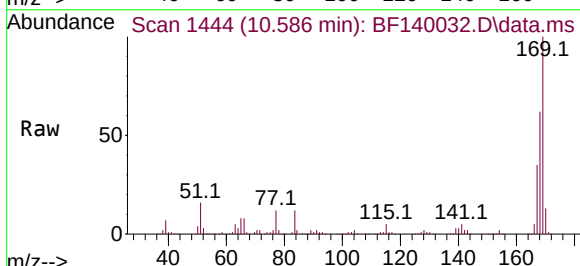
Tgt Ion:198 Resp: 112992
Ion Ratio Lower Upper
198 100
51 52.2 38.2 78.2
105 43.2 27.9 67.9

Manual Integrations
APPROVED

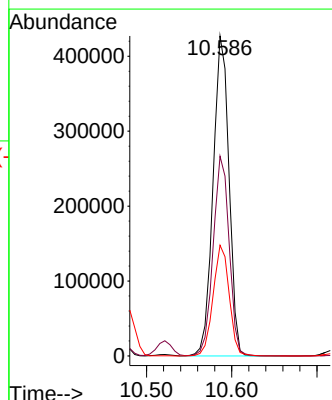
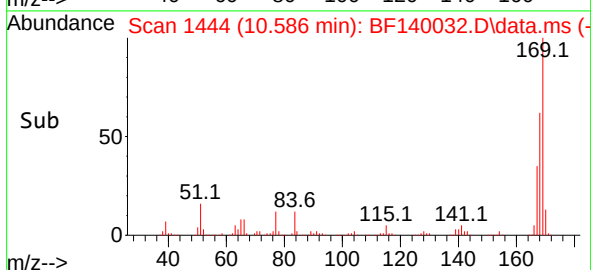
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

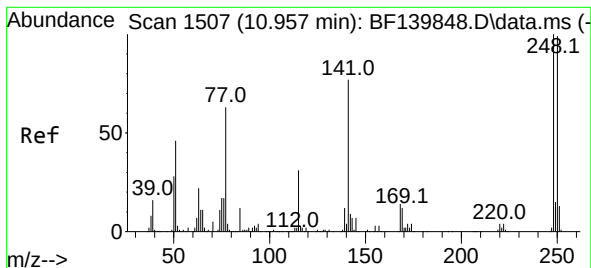


#66
n-Nitrosodiphenylamine
Concen: 47.975 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38



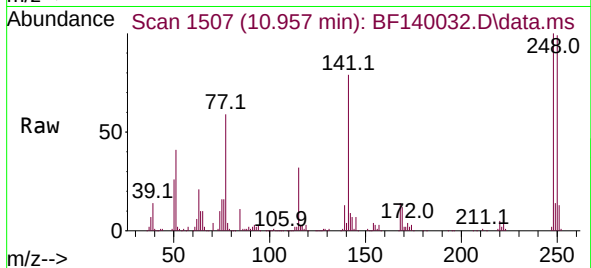
Tgt Ion:169 Resp: 553895
Ion Ratio Lower Upper
169 100
168 62.4 49.8 74.6
167 34.6 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 48.296 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

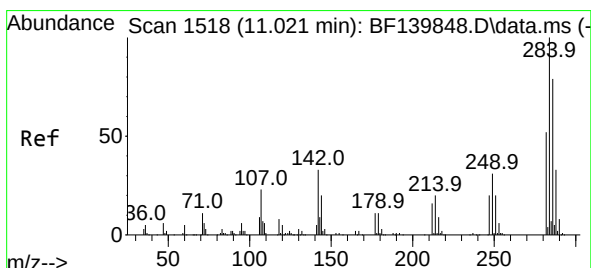
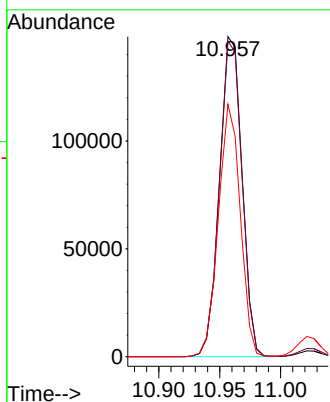
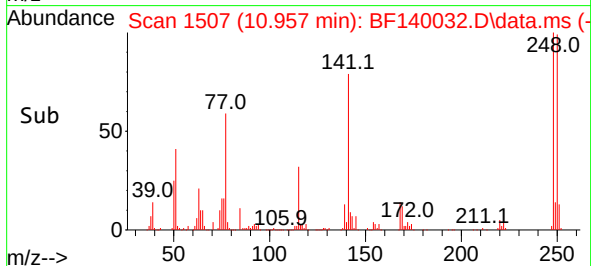
Instrument :
BNA_F
ClientSampleId :
PB164211BS



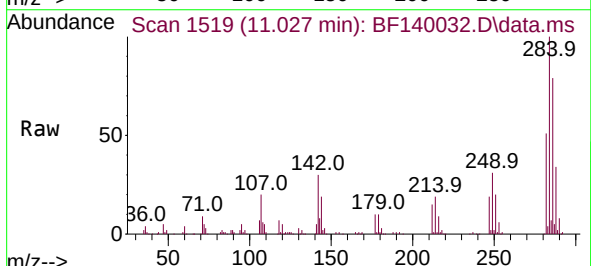
Tgt Ion:248 Resp: 191927
Ion Ratio Lower Upper
248 100
250 98.5 79.0 118.6
141 78.8 61.7 92.5

Manual Integrations
APPROVED

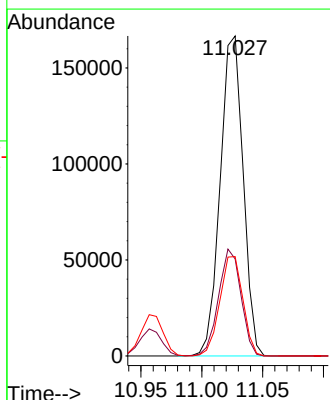
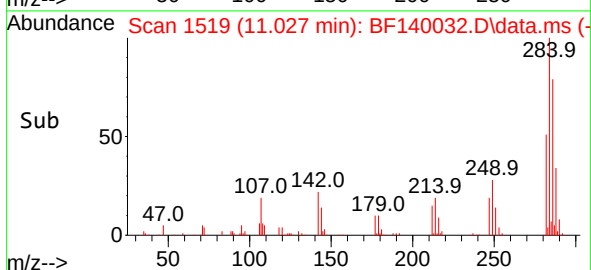
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

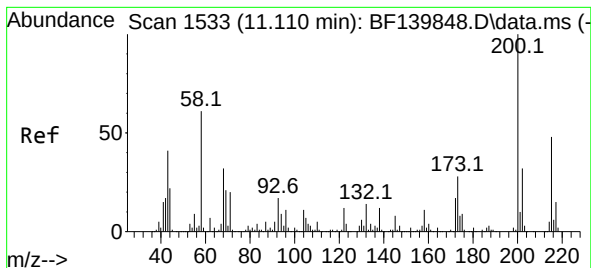


#68
Hexachlorobenzene
Concen: 48.879 ng
RT: 11.027 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38



Tgt Ion:284 Resp: 218460
Ion Ratio Lower Upper
284 100
142 30.3 26.9 40.3
249 31.0 25.3 37.9





#69

Atrazine

Concen: 58.468 ng

RT: 11.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140032.D

Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

PB164211BS

Tgt Ion:200 Resp: 18285

Ion Ratio Lower Upper

200 100

173 26.8 7.7 47.7

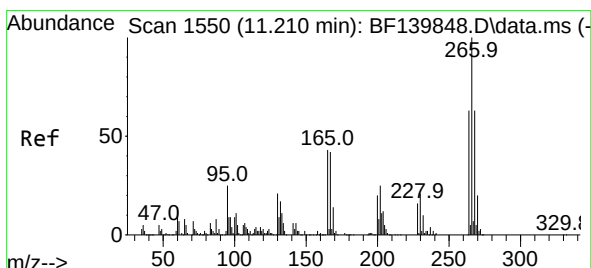
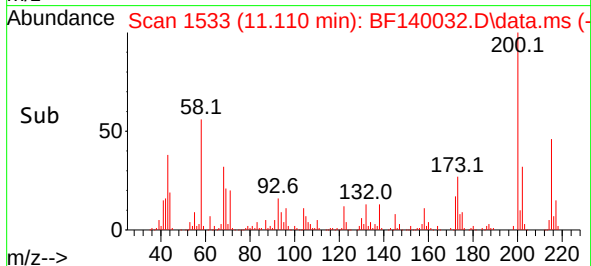
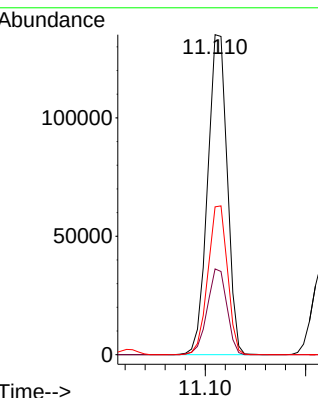
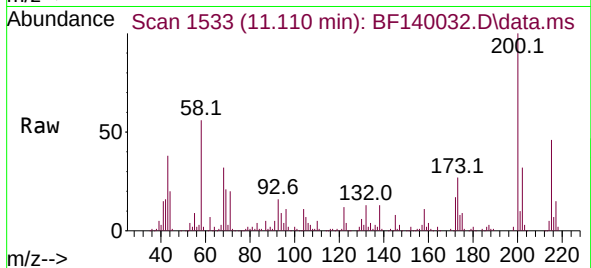
215 46.2 27.7 67.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#70

Pentachlorophenol

Concen: 100.807 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140032.D

Acq: 25 Oct 2024 12:38

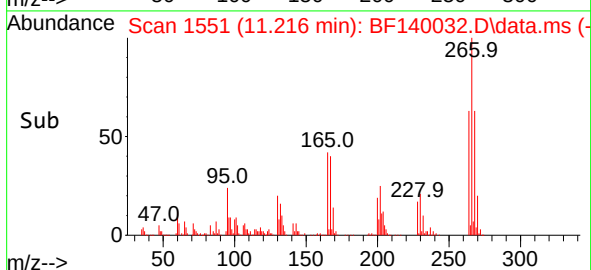
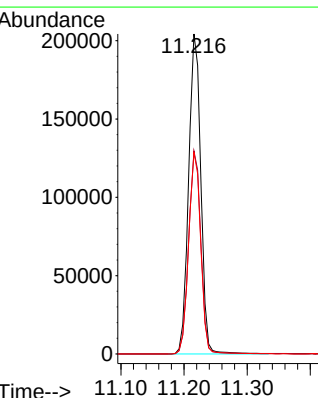
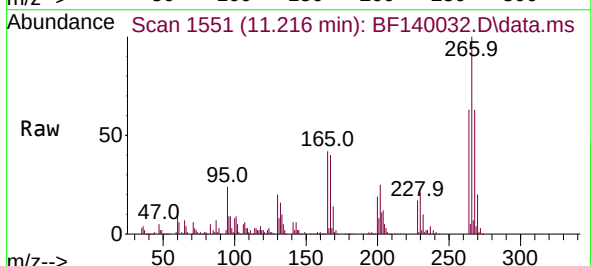
Tgt Ion:266 Resp: 273441

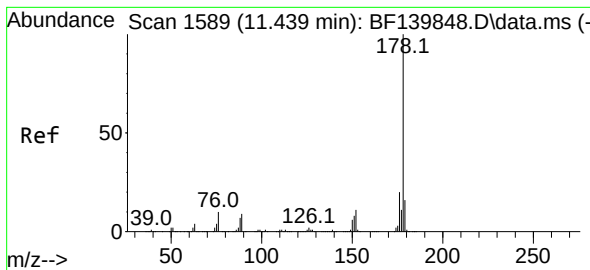
Ion Ratio Lower Upper

266 100

268 63.4 50.4 75.6

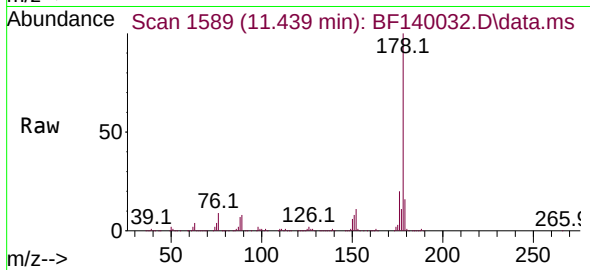
264 63.0 50.6 75.8





#71
Phenanthrene
Concen: 49.940 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

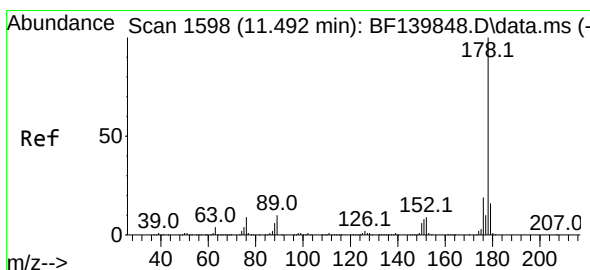
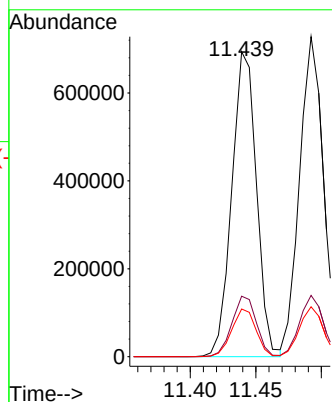
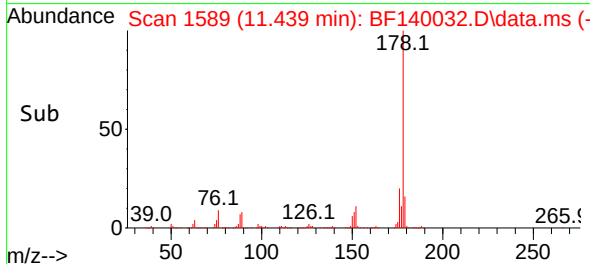
Instrument :
BNA_F
ClientSampleId :
PB164211BS



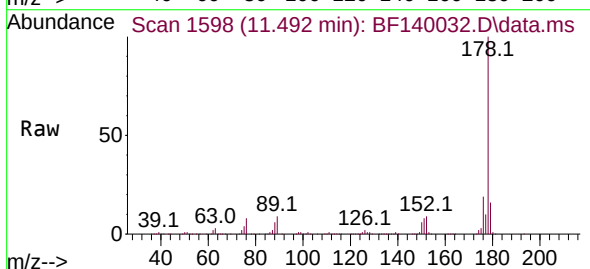
Tgt Ion:178 Resp: 909960
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.6 12.6 18.8

Manual Integrations
APPROVED

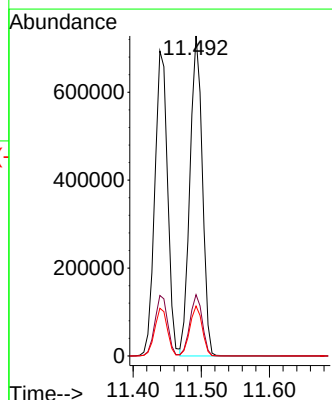
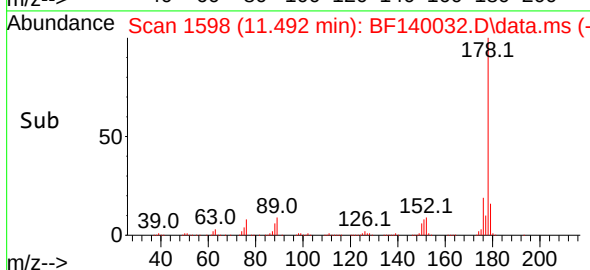
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

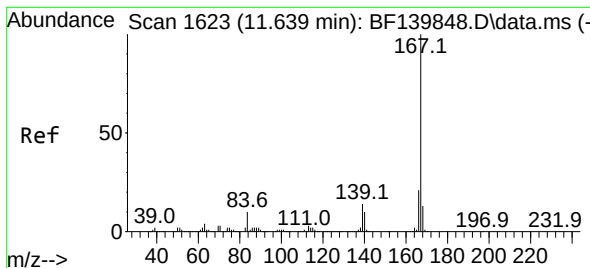


#72
Anthracene
Concen: 51.401 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38



Tgt Ion:178 Resp: 913826
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.6 12.4 18.6





#73

Carbazole

Concen: 49.239 ng

RT: 11.645 min Scan# 1624

Delta R.T. 0.006 min

Lab File: BF140032.D

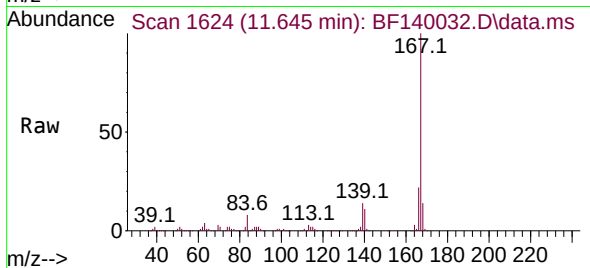
Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

PB164211BS



Tgt Ion:167 Resp: 81413

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

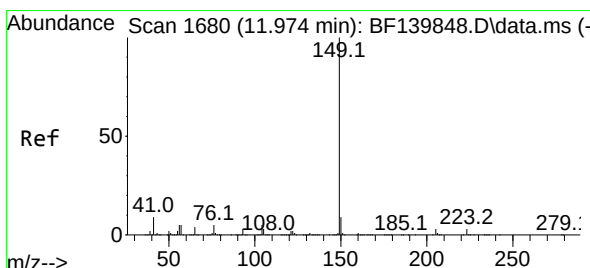
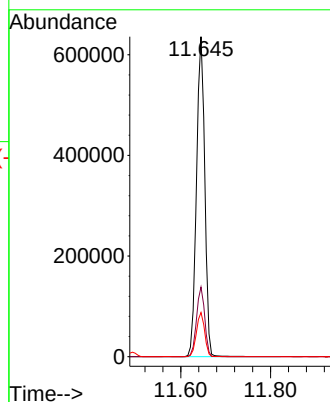
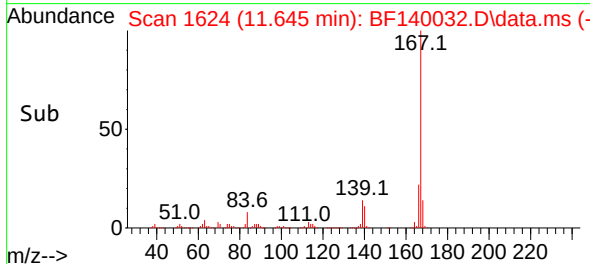
139 13.8 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#74

Di-n-butylphthalate

Concen: 48.690 ng

RT: 11.974 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF140032.D

Acq: 25 Oct 2024 12:38

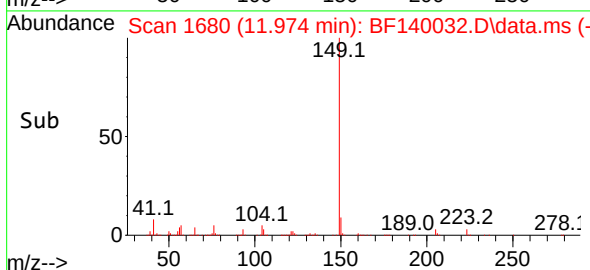
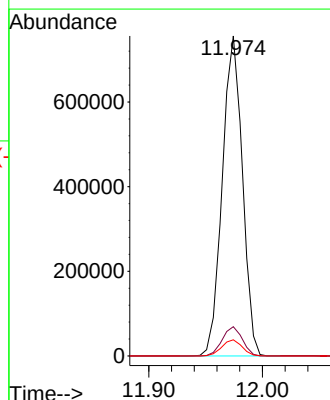
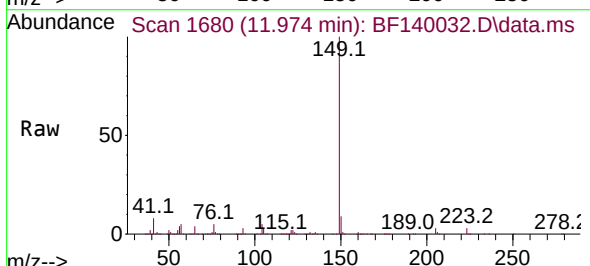
Tgt Ion:149 Resp: 930095

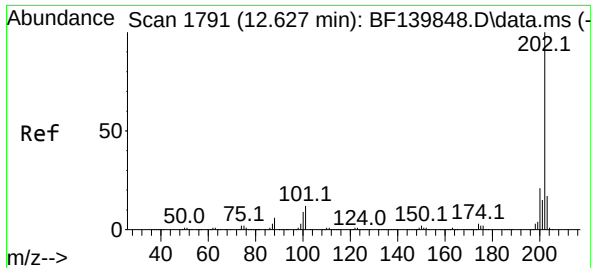
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

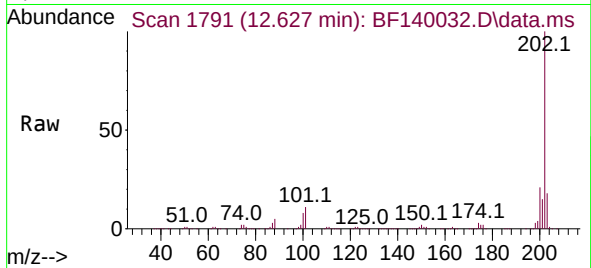
104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 51.112 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

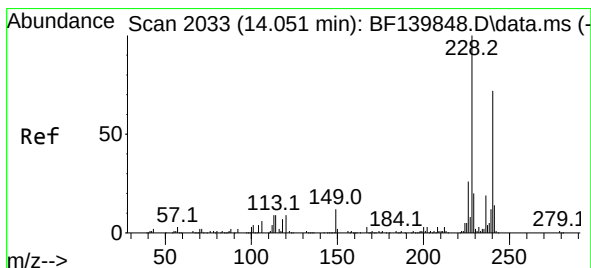
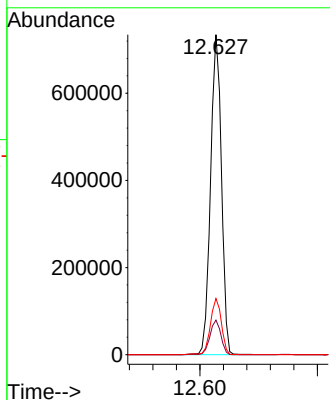
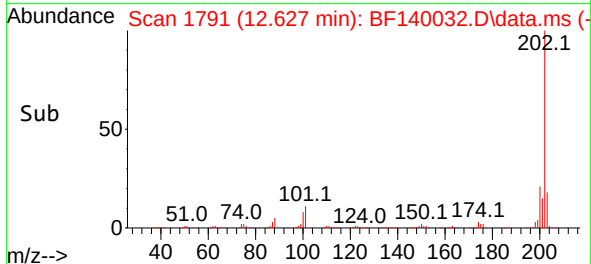
Instrument :
BNA_F
ClientSampleId :
PB164211BS



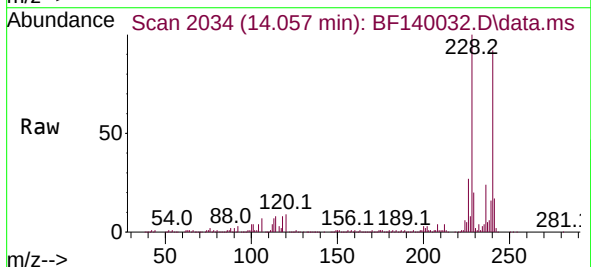
Tgt Ion:202 Resp: 94149
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.9
203 17.6 0.0 37.5

Manual Integrations
APPROVED

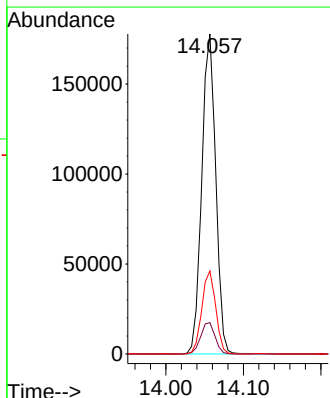
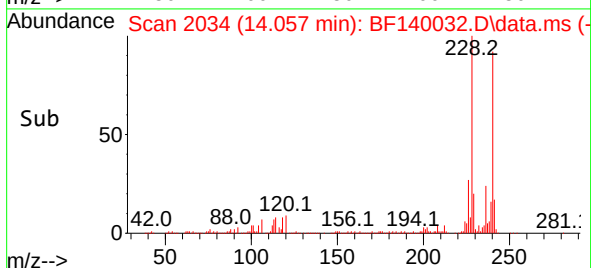
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

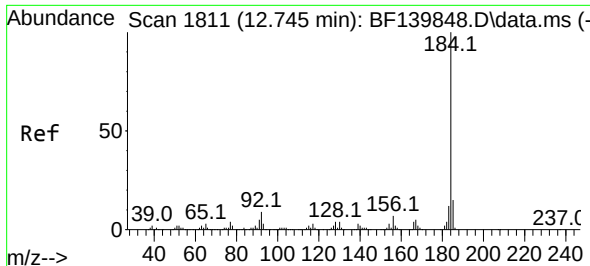


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38



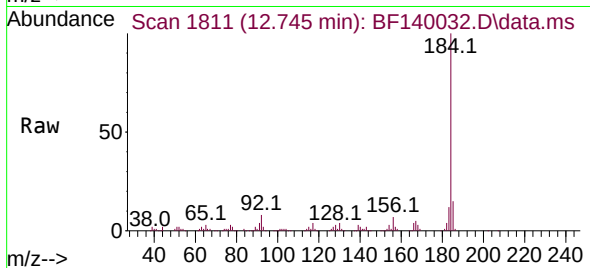
Tgt Ion:240 Resp: 222466
Ion Ratio Lower Upper
240 100
120 9.8 9.4 14.2
236 25.9 20.9 31.3





#77
Benzidine
Concen: 45.842 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

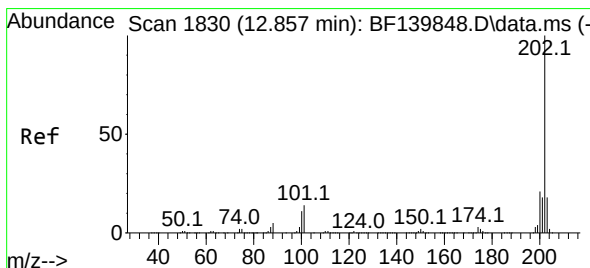
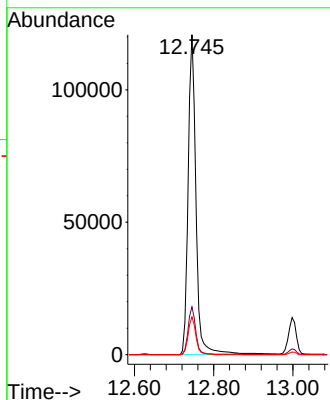
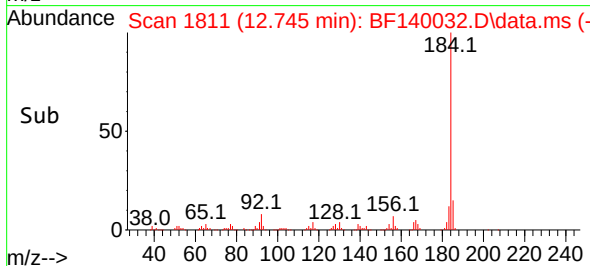
Instrument :
BNA_F
ClientSampleId :
PB164211BS



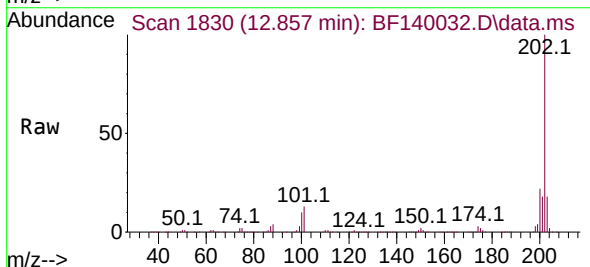
Tgt Ion:184 Resp: 167690
Ion Ratio Lower Upper
184 100
185 15.0 12.0 18.0
183 11.8 9.4 14.2

Manual Integrations
APPROVED

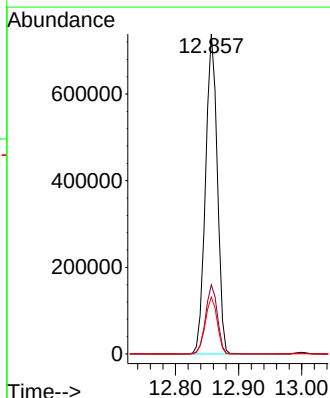
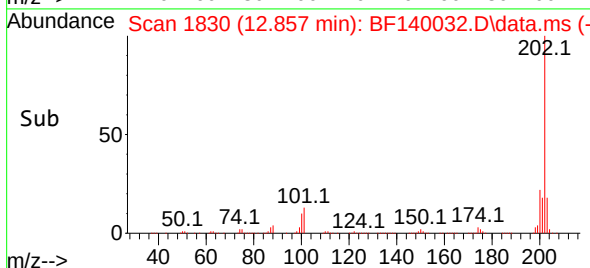
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

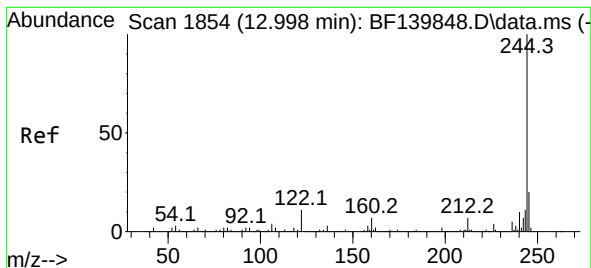


#78
Pyrene
Concen: 48.999 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38



Tgt Ion:202 Resp: 954171
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 101.490 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140032.D

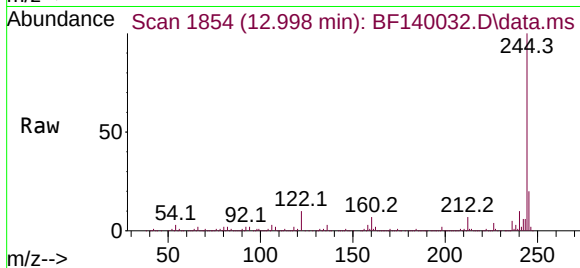
Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

PB164211BS



Tgt Ion:244 Resp: 138560

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

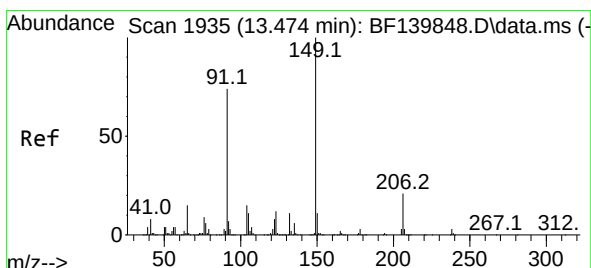
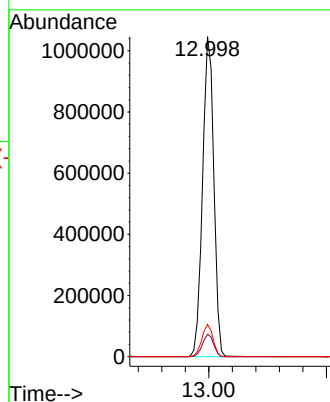
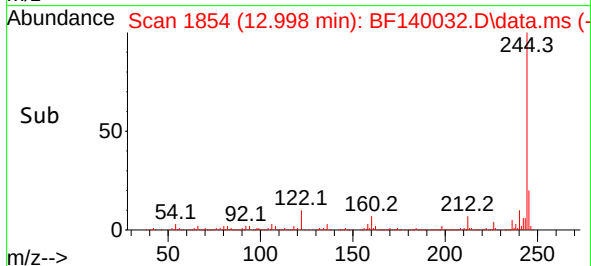
122 10.1 8.6 13.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#80

Butylbenzylphthalate

Concen: 55.063 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF140032.D

Acq: 25 Oct 2024 12:38

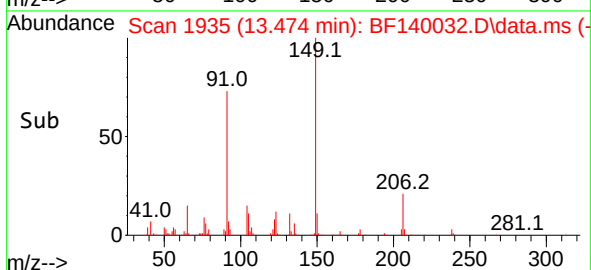
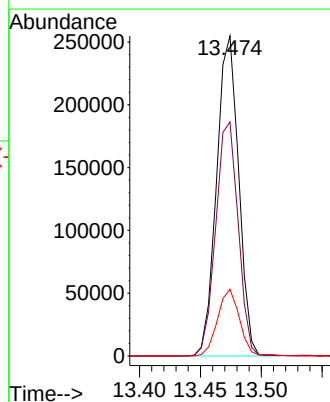
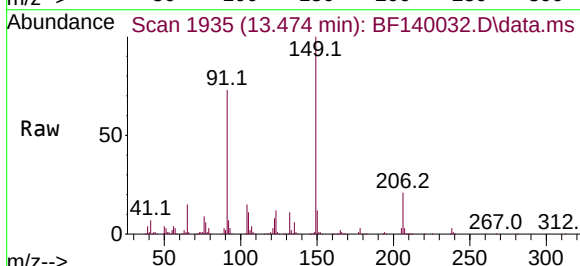
Tgt Ion:149 Resp: 321466

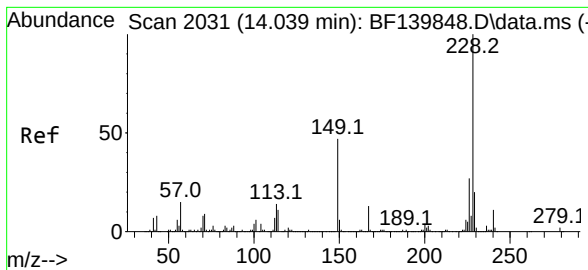
Ion Ratio Lower Upper

149 100

91 73.1 59.4 89.2

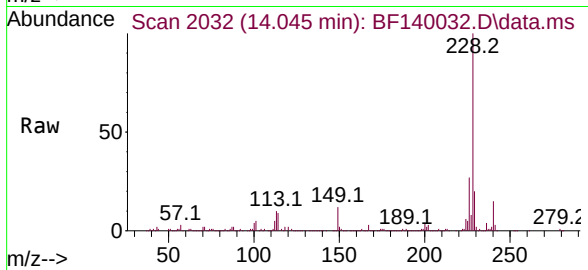
206 20.8 16.4 24.6





#81
Benzo(a)anthracene
Concen: 50.113 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

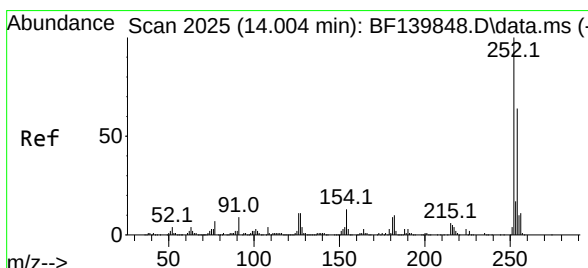
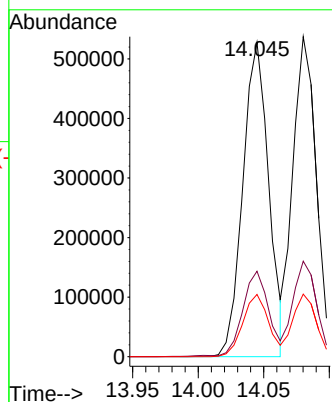
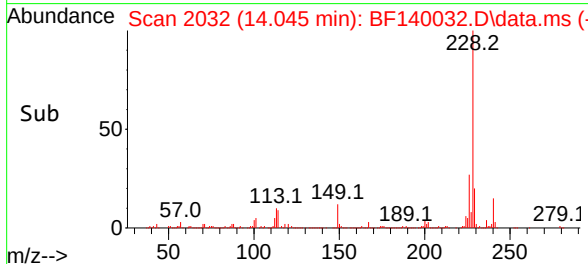
Instrument :
BNA_F
ClientSampleId :
PB164211BS



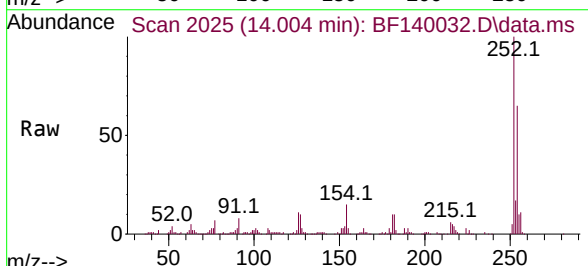
Tgt Ion:228 Resp: 725720
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 19.8 16.1 24.1

Manual Integrations
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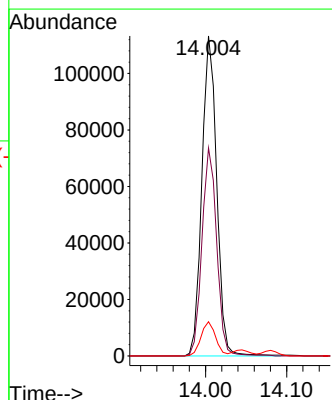
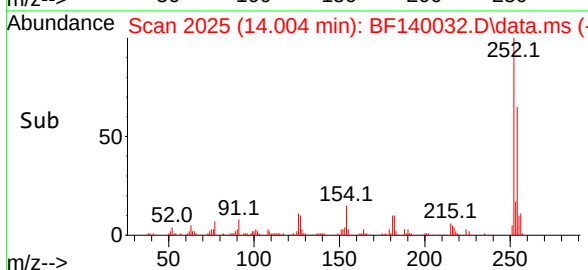
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

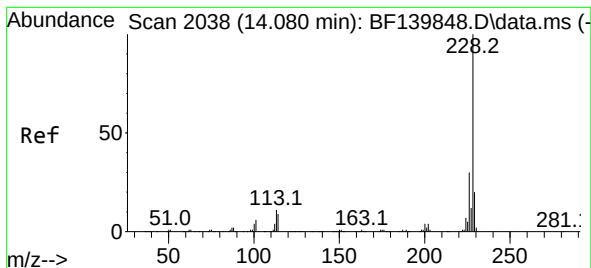


#82
3,3'-Dichlorobenzidine
Concen: 34.042 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38



Tgt Ion:252 Resp: 143739
Ion Ratio Lower Upper
252 100
254 65.0 50.8 76.2
126 10.7 8.9 13.3





#83

Chrysene

Concen: 50.163 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140032.D

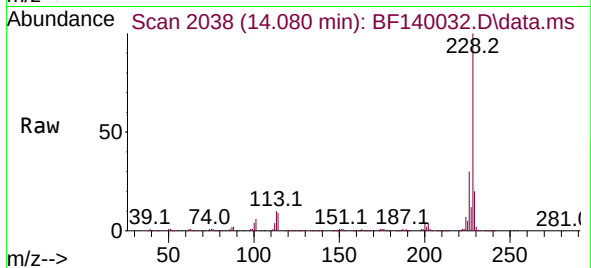
Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

PB164211BS



Tgt Ion:228 Resp: 666068

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

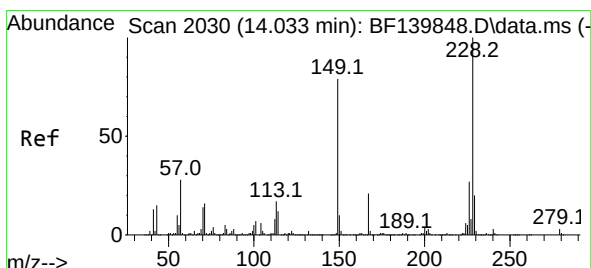
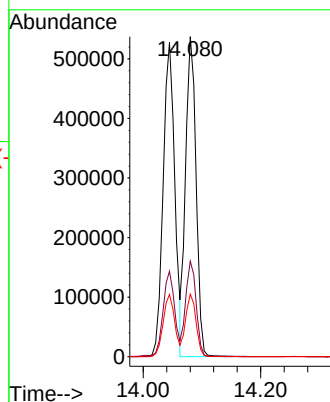
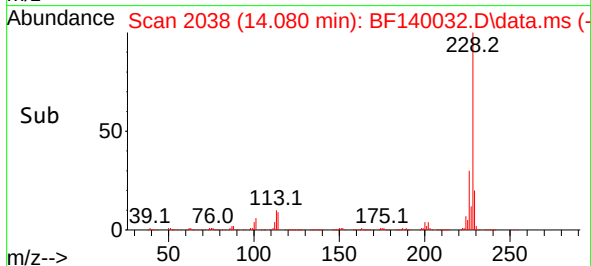
229 19.6 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.740 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF140032.D

Acq: 25 Oct 2024 12:38

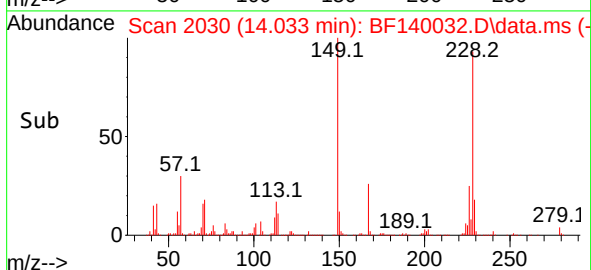
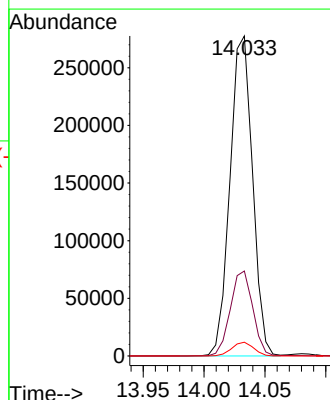
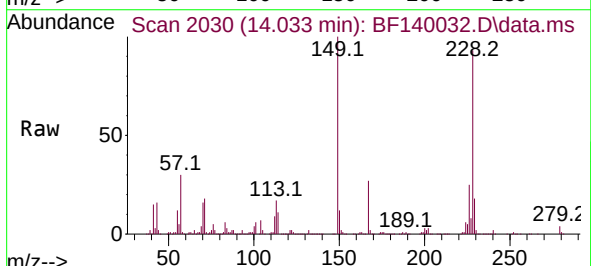
Tgt Ion:149 Resp: 358549

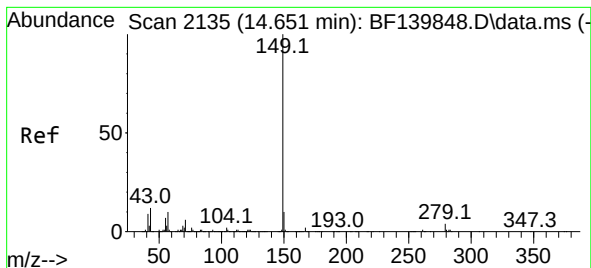
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 44.209 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF140032.D

Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

PB164211BS

Tgt Ion:149 Resp: 526700

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

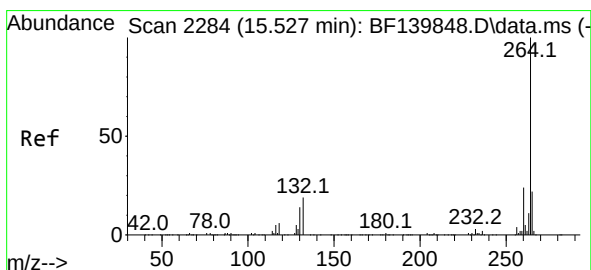
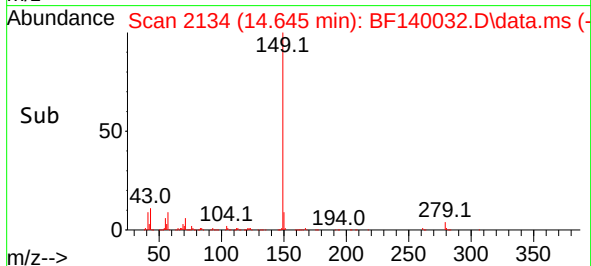
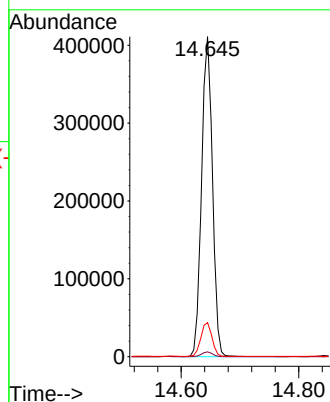
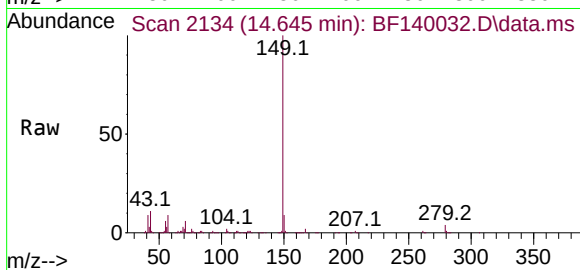
43 10.8 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF140032.D

Acq: 25 Oct 2024 12:38

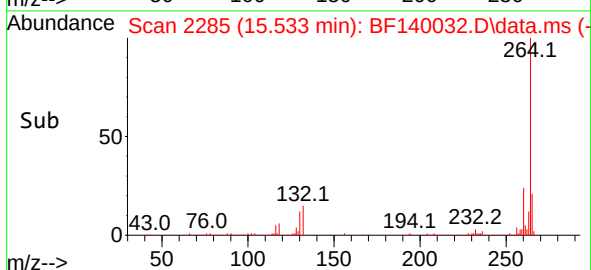
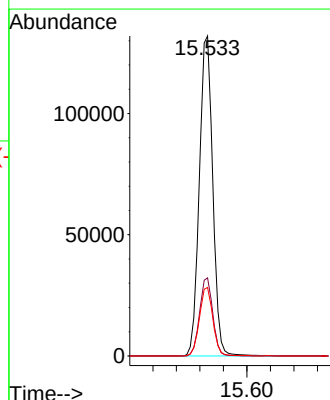
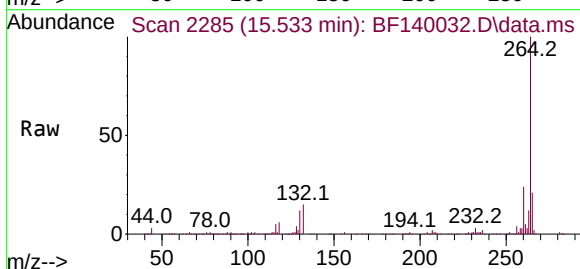
Tgt Ion:264 Resp: 209605

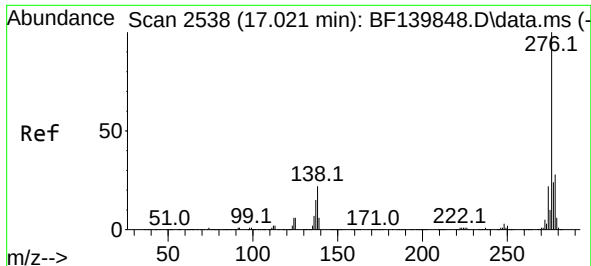
Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

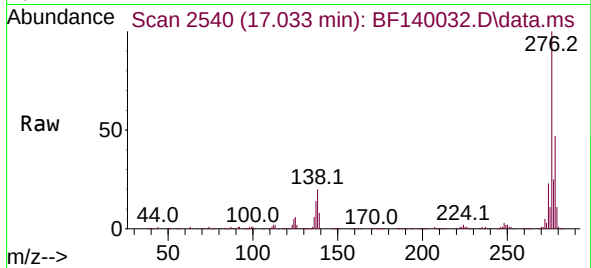
265 21.4 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.935 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

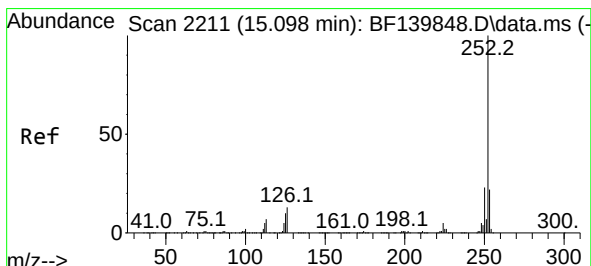
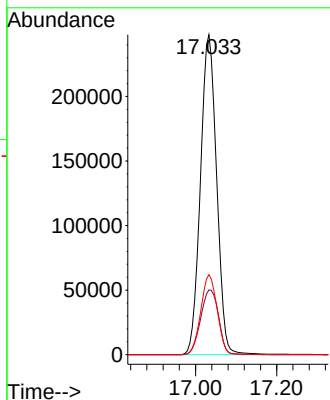
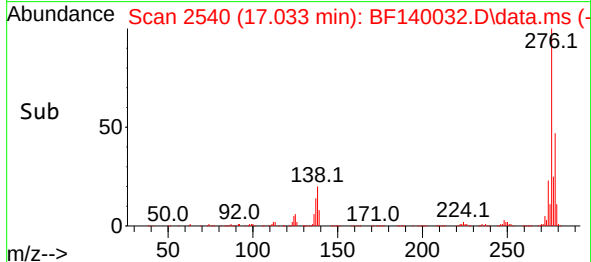
Instrument :
BNA_F
ClientSampleId :
PB164211BS



Tgt Ion:276 Resp: 68682
Ion Ratio Lower Upper
276 100
138 22.4 20.4 30.6
277 25.3 20.2 30.4

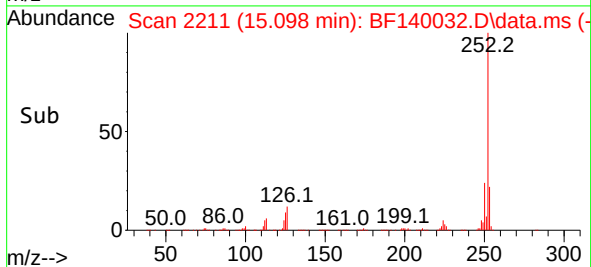
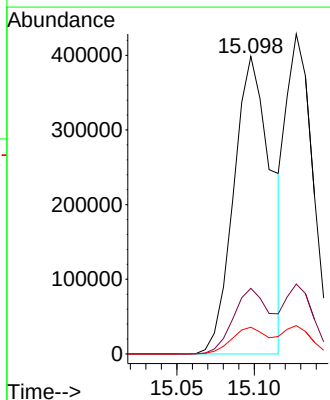
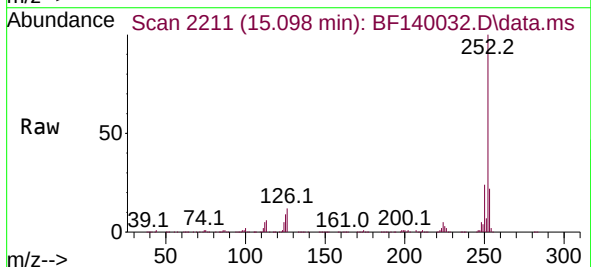
Manual Integrations
APPROVED

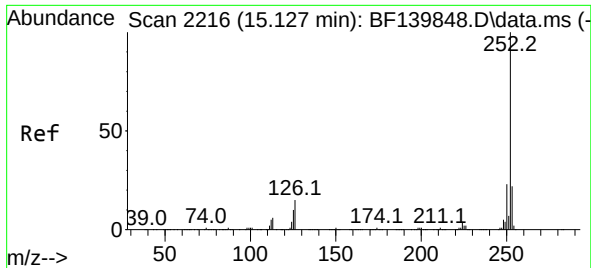
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#88
Benzo(b)fluoranthene
Concen: 52.389 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Tgt Ion:252 Resp: 668919
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.0 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 46.982 ng
RT: 15.127 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Instrument :

BNA_F

ClientSampleId :

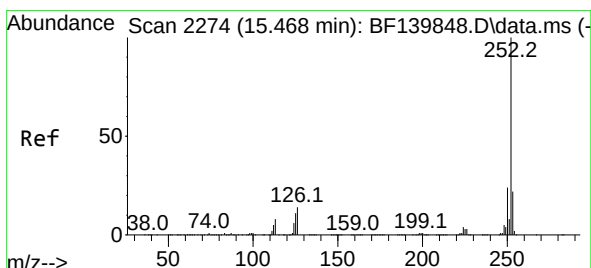
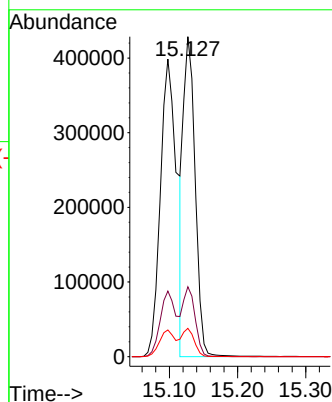
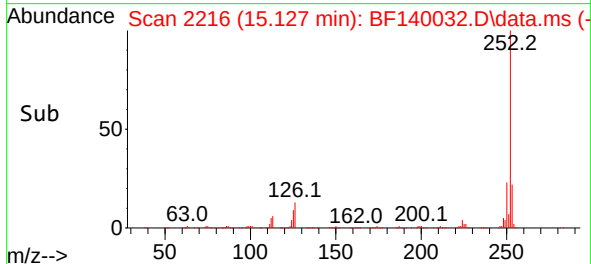
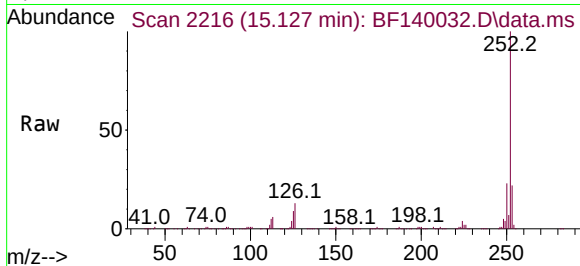
PB164211BS

Tgt Ion:252 Resp: 517349
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 8.8 7.9 11.9

Manual Integrations

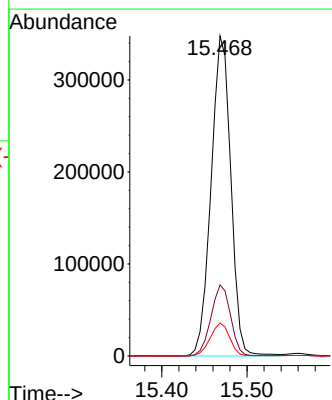
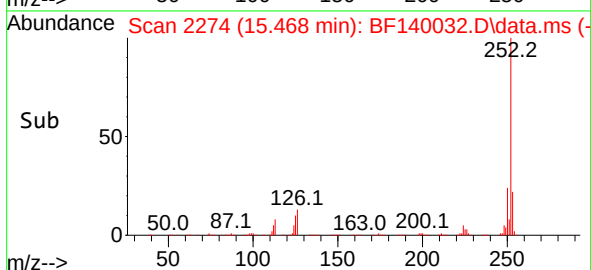
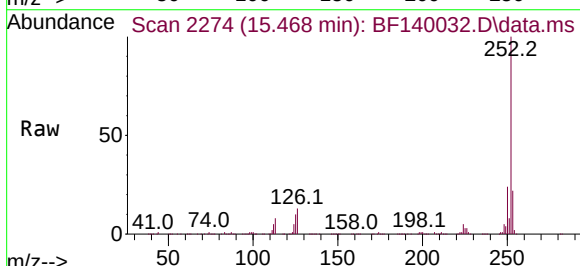
APPROVED

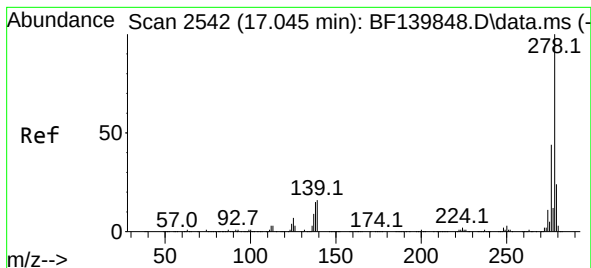
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#90
Benzo(a)pyrene
Concen: 53.265 ng
RT: 15.468 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

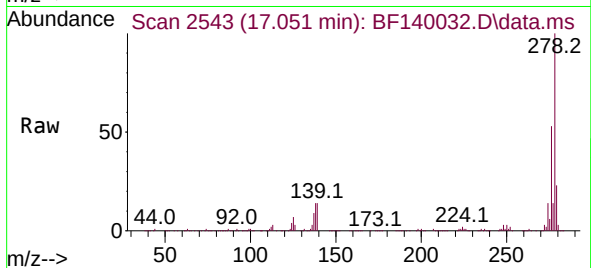
Tgt Ion:252 Resp: 559609
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 10.3 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 50.006 ng
RT: 17.051 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

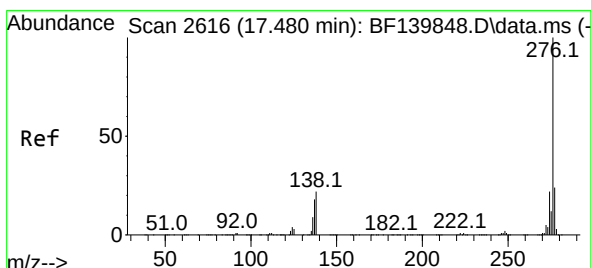
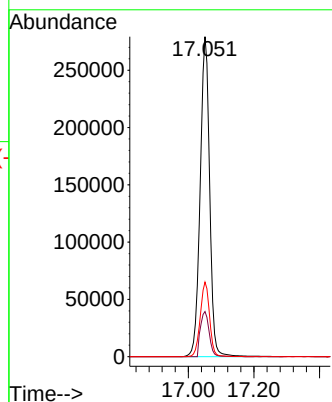
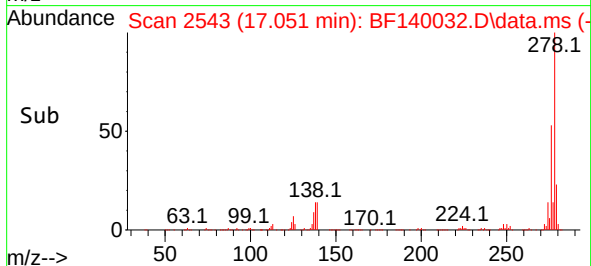
Instrument :
BNA_F
ClientSampleId :
PB164211BS



Tgt Ion:278 Resp: 56252
Ion Ratio Lower Upper
278 100
139 14.1 13.1 19.7
279 23.3 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#92
Benzo(g,h,i)perylene
Concen: 47.416 ng
RT: 17.486 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF140032.D
Acq: 25 Oct 2024 12:38

Tgt Ion:276 Resp: 532777
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 19.0 17.4 26.0

