

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139177.D
 Acq On : 27 Aug 2024 10:03
 Operator : RC/JU
 Sample : PB162936BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162936BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/28/2024
 Supervised By :mohammad ahmed 08/28/2024

Quant Time: Aug 27 11:23:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:51:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	130760	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	483816	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	277149	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	477644	20.000	ng	0.00
76) Chrysene-d12	14.057	240	249114	20.000	ng	0.00
86) Perylene-d12	15.527	264	229045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	976223	125.452	ng	0.02
7) Phenol-d6	6.528	99	1271983	119.103	ng	0.00
23) Nitrobenzene-d5	7.457	82	827582	94.764	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	335395	141.299	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1384684	77.608	ng	0.00
79) Terphenyl-d14	12.998	244	1412106	88.447	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	115919	31.499	ng	99
3) Pyridine	3.534	79	292857	32.021	ng	99
4) n-Nitrosodimethylamine	3.493	42	236783	44.471	ng	100
6) Aniline	6.557	93	268474	26.818	ng	# 81
8) 2-Chlorophenol	6.681	128	368669	49.866	ng	98
9) Benzaldehyde	6.439	77	98027	14.665	ng	99
10) Phenol	6.539	94	503227	46.690	ng	97
11) bis(2-Chloroethyl)ether	6.634	93	380168	44.767	ng	99
12) 1,3-Dichlorobenzene	6.834	146	405100	41.551	ng	99
13) 1,4-Dichlorobenzene	6.910	146	409800	41.896	ng	99
14) 1,2-Dichlorobenzene	7.063	146	389215	42.292	ng	99
15) Benzyl Alcohol	7.034	79	386907	48.064	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	554022	45.003	ng	94
17) 2-Methylphenol	7.145	107	306823	45.524	ng	99
18) Hexachloroethane	7.404	117	142597	46.079	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	301609	47.219	ng	99
20) 3+4-Methylphenols	7.298	107	386434	44.949	ng	92
22) Acetophenone	7.304	105	505106	40.632	ng	96
24) Nitrobenzene	7.481	77	445335	44.054	ng	96
25) Isophorone	7.716	82	788687	45.668	ng	100
26) 2-Nitrophenol	7.792	139	168409	53.199	ng	99
27) 2,4-Dimethylphenol	7.828	122	262640	51.310	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	441183	44.124	ng	100
29) 2,4-Dichlorophenol	8.033	162	311079	49.236	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	344589	42.293	ng	99
31) Naphthalene	8.198	128	1049051	42.405	ng	100
32) Benzoic acid	7.951	122	195602	45.338	ng	98
33) 4-Chloroaniline	8.245	127	185202	21.724	ng	99
34) Hexachlorobutadiene	8.316	225	218850	41.335	ng	99
35) Caprolactam	8.616	113	89542m	46.199	ng	
36) 4-Chloro-3-methylphenol	8.728	107	343362	47.386	ng	100
37) 2-Methylnaphthalene	8.886	142	666977	43.007	ng	99
38) 1-Methylnaphthalene	8.986	142	622373	41.059	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	320423	38.978	ng	99
41) Hexachlorocyclopentadiene	9.039	237	290581	110.083	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	233416	50.781	ng	99

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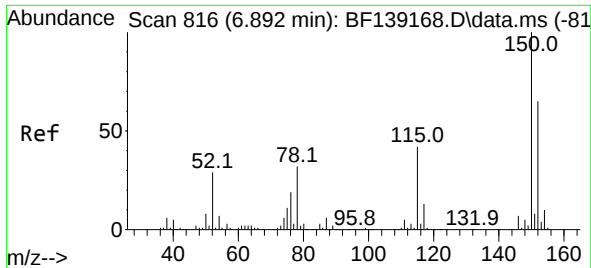
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	227290	47.175	ng	98
46) 1,1'-Biphenyl	9.357	154	773350	38.550	ng	100
47) 2-Chloronaphthalene	9.380	162	651475	40.706	ng	99
48) 2-Nitroaniline	9.475	65	223077	47.428	ng	97
49) Acenaphthylene	9.792	152	1028294	45.599	ng	99
50) Dimethylphthalate	9.657	163	747411	46.684	ng	100
51) 2,6-Dinitrotoluene	9.716	165	158892	46.546	ng	94
52) Acenaphthene	9.969	154	686689	46.353	ng	98
53) 3-Nitroaniline	9.880	138	116679	34.740	ng	99
54) 2,4-Dinitrophenol	9.986	184	147193	86.465	ng	# 56
55) Dibenzofuran	10.139	168	918832	42.499	ng	100
56) 4-Nitrophenol	10.039	139	252200	85.852	ng	96
57) 2,4-Dinitrotoluene	10.116	165	210135	48.308	ng	99
58) Fluorene	10.480	166	722638	42.366	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	202995	52.569	ng	98
60) Diethylphthalate	10.357	149	710293	47.114	ng	100
61) 4-Chlorophenyl-phenyle...	10.474	204	348640	41.649	ng	99
62) 4-Nitroaniline	10.498	138	155323	44.257	ng	99
63) Azobenzene	10.633	77	806756	44.019	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	103415	54.020	ng	100
66) n-Nitrosodiphenylamine	10.592	169	619635	43.803	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	218933	43.139	ng	98
68) Hexachlorobenzene	11.022	284	237335	43.212	ng	98
69) Atrazine	11.116	200	155614	50.435	ng	98
70) Pentachlorophenol	11.216	266	295777	91.725	ng	98
71) Phenanthrene	11.445	178	1062928	44.037	ng	100
72) Anthracene	11.492	178	1053342	44.769	ng	100
73) Carbazole	11.645	167	933917	44.372	ng	100
74) Di-n-butylphthalate	11.974	149	986909	54.100	ng	99
75) Fluoranthene	12.627	202	1033748	44.132	ng	100
77) Benzidine	12.745	184	25735	6.122	ng	98
78) Pyrene	12.857	202	1026382	43.862	ng	99
80) Butylbenzylphthalate	13.474	149	263391	54.156	ng	96
81) Benzo(a)anthracene	14.045	228	754482	45.710	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	162770	42.355	ng	100
83) Chrysene	14.080	228	672581	45.172	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	255315	49.291	ng	100
85) Di-n-octyl phthalate	14.651	149	459775	42.859	ng	98
87) Indeno(1,2,3-cd)pyrene	17.015	276	764454	48.812	ng	100
88) Benzo(b)fluoranthene	15.098	252	674163	50.316	ng	99
89) Benzo(k)fluoranthene	15.127	252	626727	51.738	ng	99
90) Benzo(a)pyrene	15.468	252	612214	53.832	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	629703	49.056	ng	99
92) Benzo(g,h,i)perylene	17.462	276	601083	45.271	ng	100

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



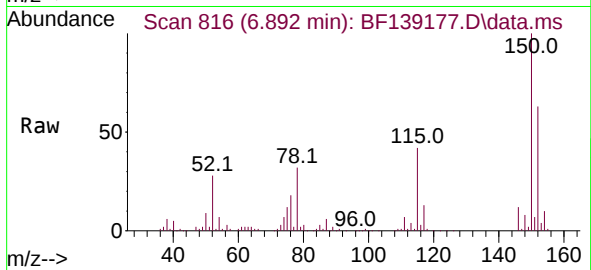
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF139177.D
 Acq: 27 Aug 2024 10:03

Instrument :

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PB162936BS

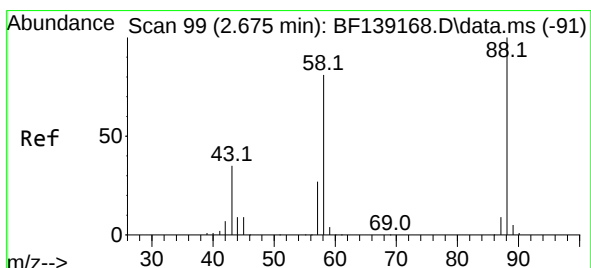
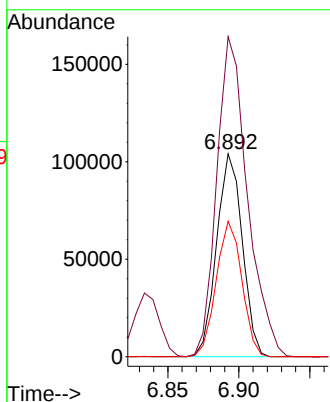
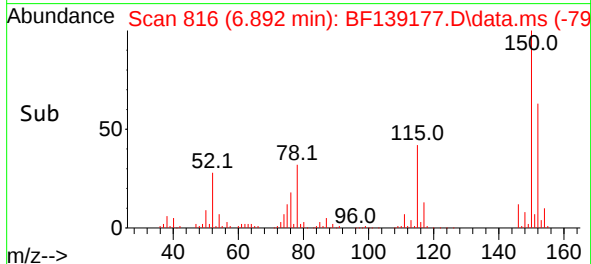


Tgt Ion:152 Resp: 130760
 Ion Ratio Lower Upper
 152 100
 150 157.7 123.7 185.5
 115 66.7 51.8 77.8

Manual Integrations

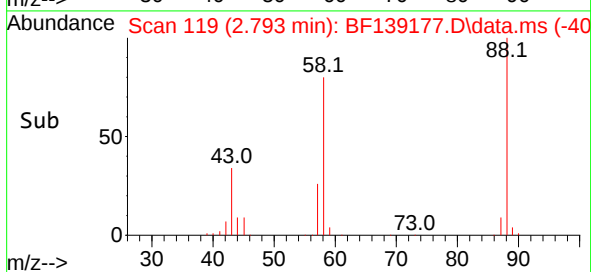
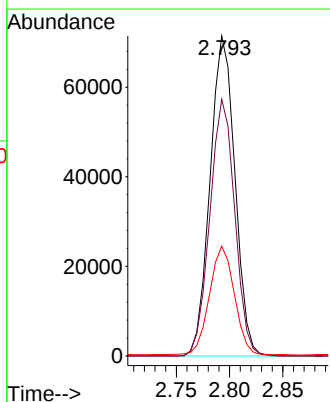
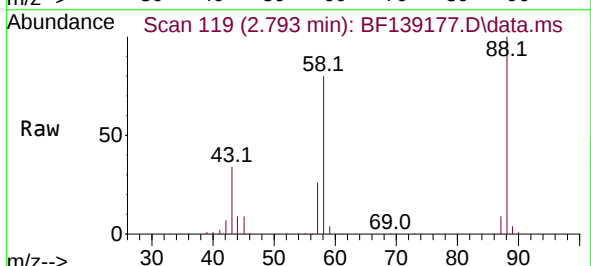
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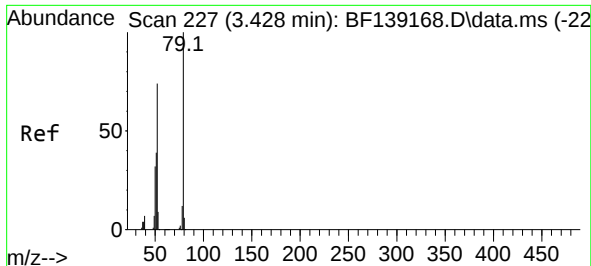
Reviewed By :Yogesh Patel 08/28/2024
 Supervised By :mohammad ahmed 08/28/2024



#2
 1,4-Dioxane
 Concen: 31.499 ng
 RT: 2.793 min Scan# 119
 Delta R.T. 0.118 min
 Lab File: BF139177.D
 Acq: 27 Aug 2024 10:03

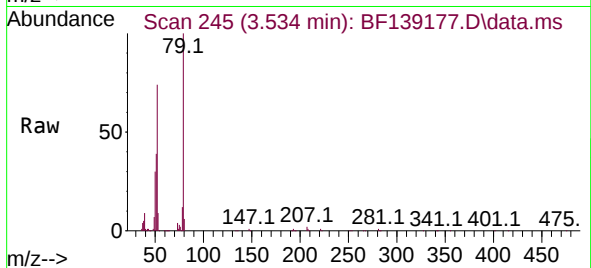
Tgt Ion: 88 Resp: 115919
 Ion Ratio Lower Upper
 88 100
 58 80.4 65.0 97.6
 43 34.4 28.4 42.6





#3
Pyridine
Concen: 32.021 ng
RT: 3.534 min Scan# 24
Delta R.T. 0.106 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

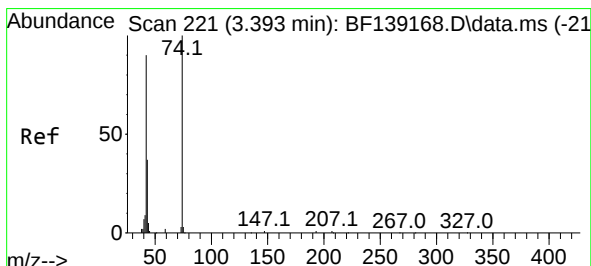
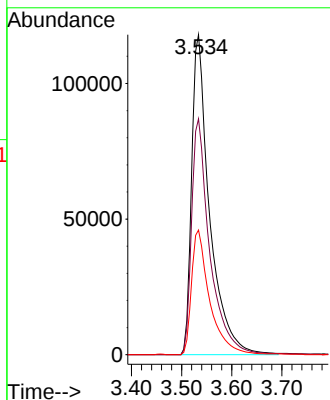
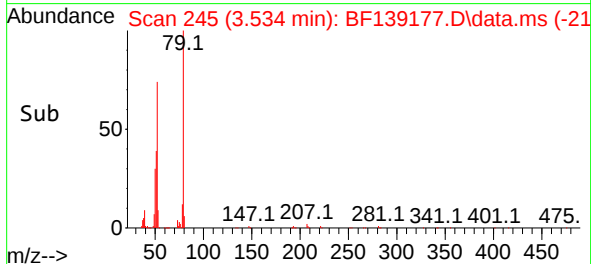
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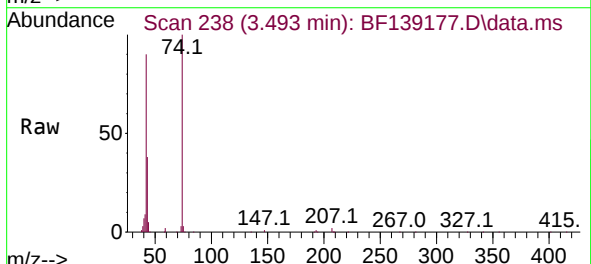
Tgt Ion: 79 Resp: 29285
Ion Ratio Lower Upper
79 100
52 73.7 59.5 89.3
51 39.0 31.4 47.0

Manual Integrations
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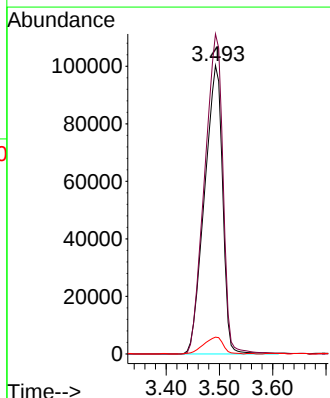
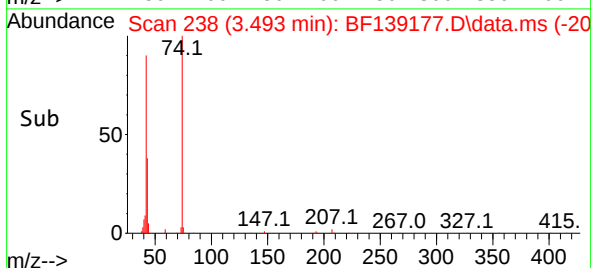
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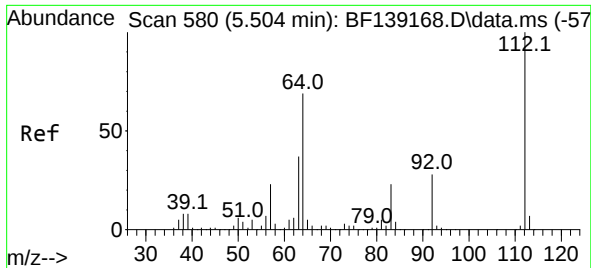


#4
n-Nitrosodimethylamine
Concen: 44.471 ng
RT: 3.493 min Scan# 238
Delta R.T. 0.100 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03



Tgt Ion: 42 Resp: 236783
Ion Ratio Lower Upper
42 100
74 110.9 88.6 132.8
44 5.8 5.0 7.4





#5
2-Fluorophenol
Concen: 125.452 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

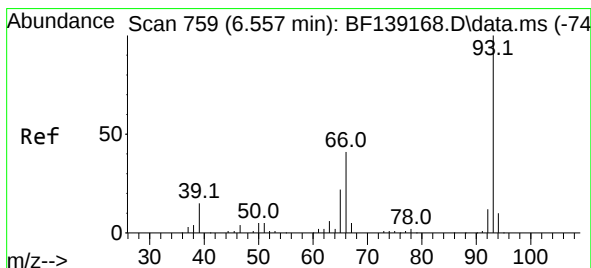
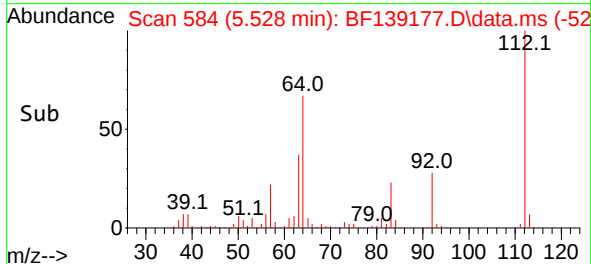
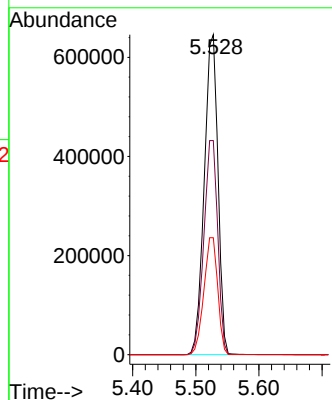
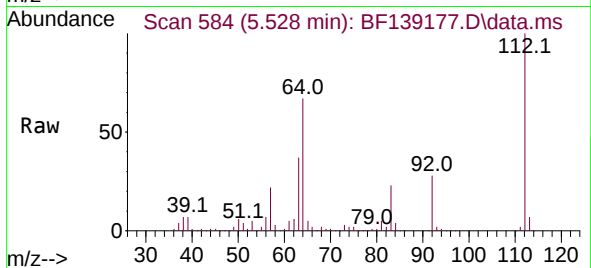
PB162936BS

Tgt Ion:112 Resp: 97622
Ion Ratio Lower Upper
112 100
64 66.9 55.5 83.3
63 36.5 29.8 44.6

Manual Integrations

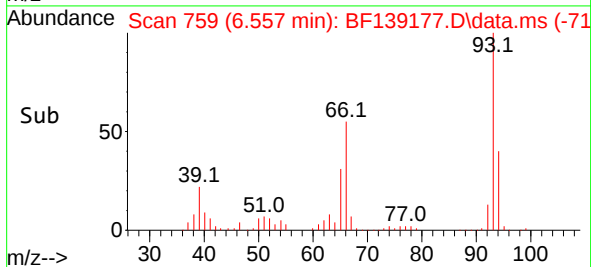
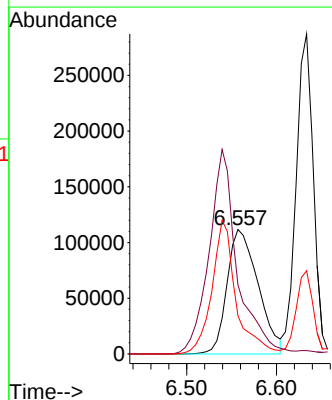
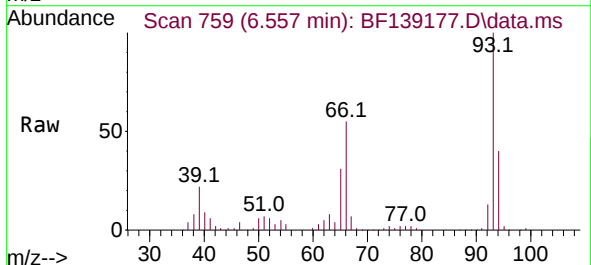
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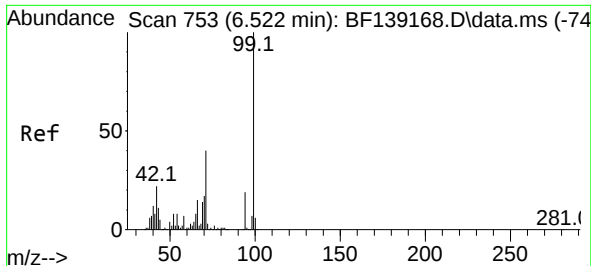
Reviewed By :Yogesh Patel 08/28/2024
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#6
Aniline
Concen: 26.818 ng
RT: 6.557 min Scan# 759
Delta R.T. -0.030 min
Lab File: BF139177.D
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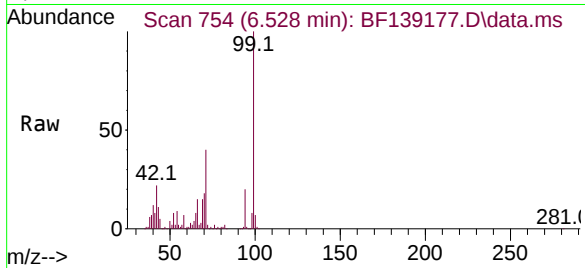
Tgt Ion: 93 Resp: 268474
Ion Ratio Lower Upper
93 100
66 55.5 35.0 52.4#
65 30.7 17.2 25.8#





#7
Phenol-d6
Concen: 119.103 ng
RT: 6.528 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

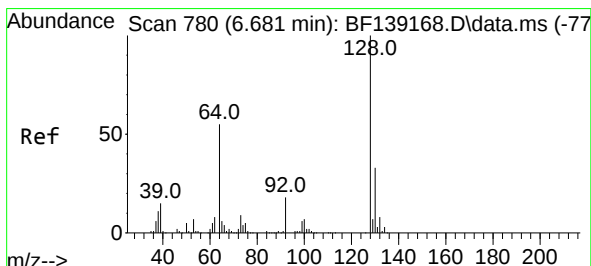
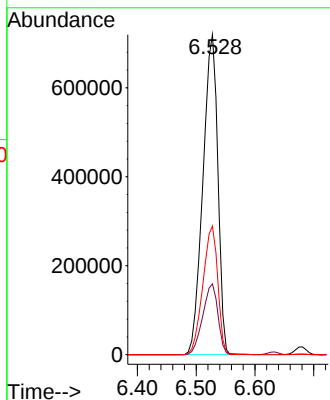
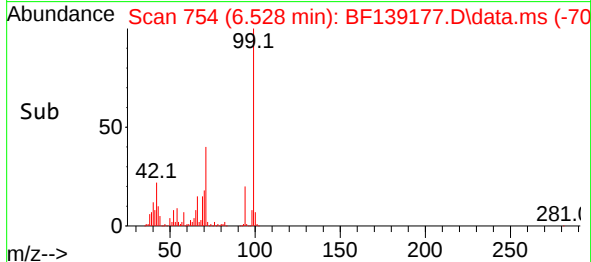
Instrument :
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Tgt Ion: 99 Resp: 127198
Ion Ratio Lower Upper
99 100
42 22.1 17.9 26.9
71 40.2 31.7 47.5

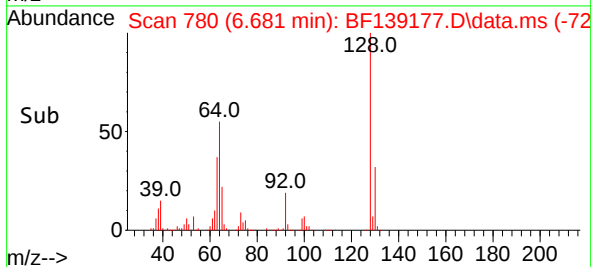
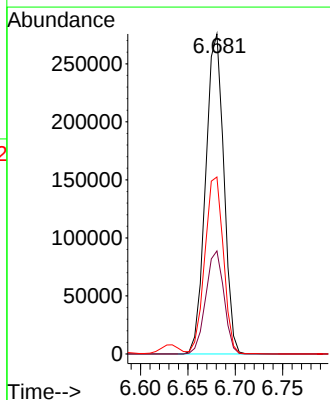
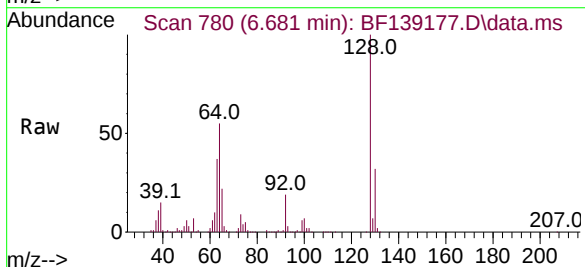
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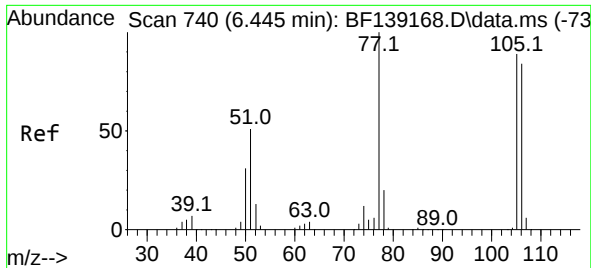
Reviewed By :Yogesh Patel 08/28/2024
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#8
2-Chlorophenol
Concen: 49.866 ng
RT: 6.681 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Tgt Ion:128 Resp: 368669
Ion Ratio Lower Upper
128 100
130 32.2 12.5 52.5
64 55.3 37.3 77.3





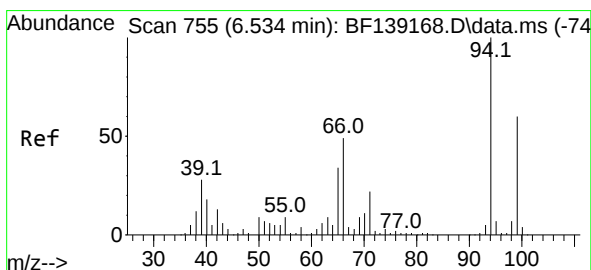
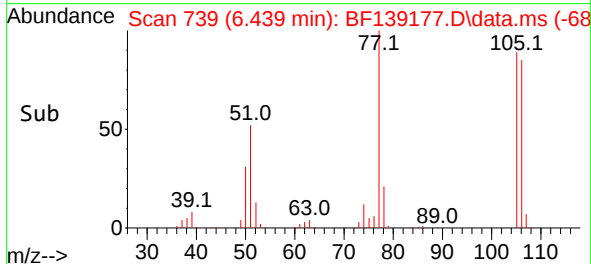
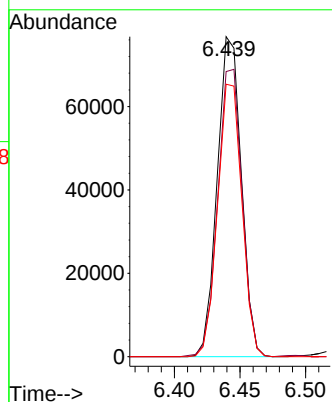
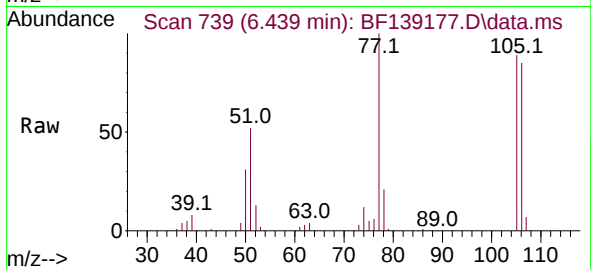
#9
Benzaldehyde
Concen: 14.665 ng
RT: 6.439 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :
BNA_F
ClientSampleId :
PB162936BS

Tgt Ion: 77 Resp: 9802
Ion Ratio Lower Upper
77 100
105 89.1 68.7 108.7
106 85.1 64.2 104.2

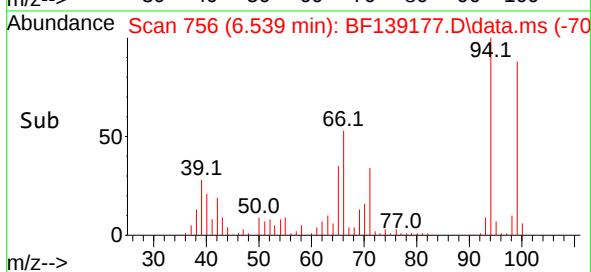
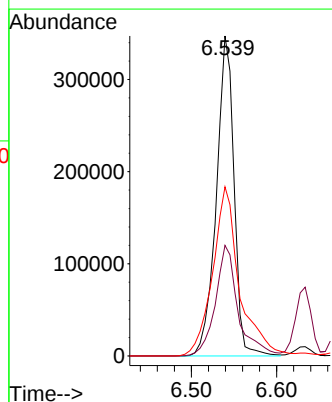
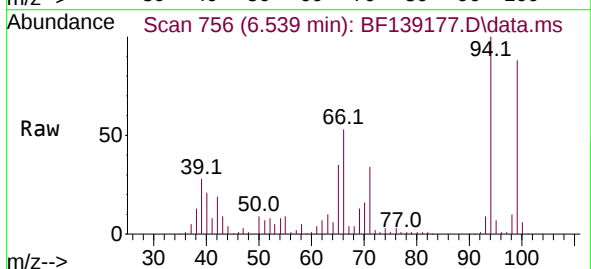
Manual Integrations
APPROVED

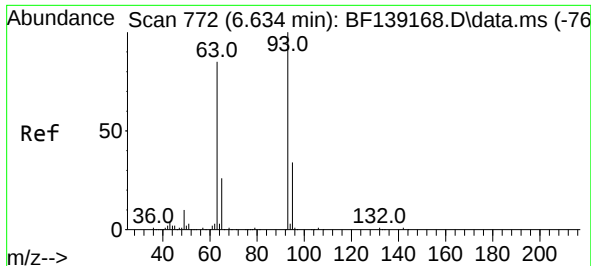
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#10
Phenol
Concen: 46.690 ng
RT: 6.539 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Tgt Ion: 94 Resp: 503227
Ion Ratio Lower Upper
94 100
65 34.6 14.1 54.1
66 52.9 29.8 69.8





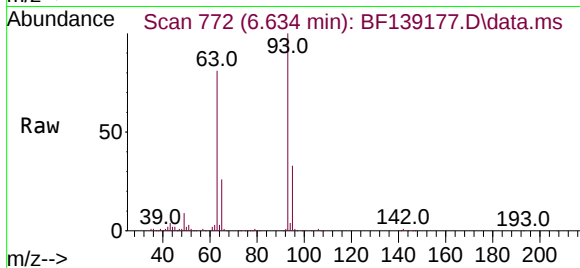
#11
bis(2-Chloroethyl)ether
Concen: 44.767 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

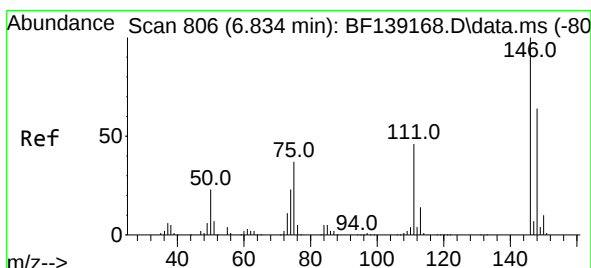
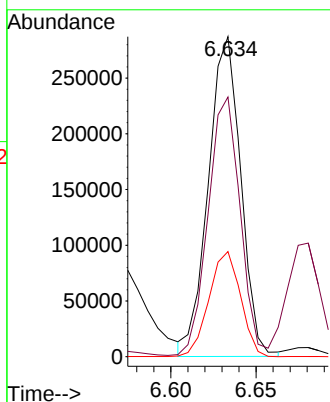
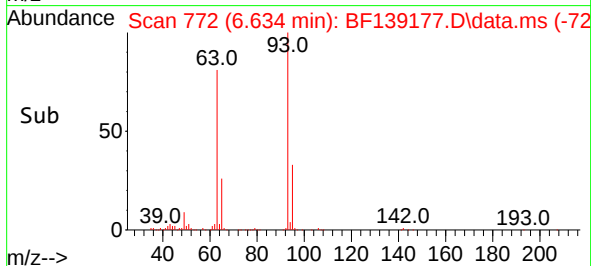
PB162936BS



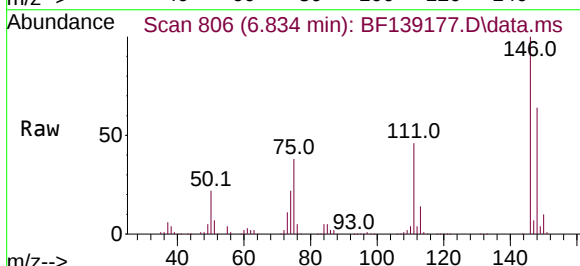
Tgt Ion: 93 Resp: 380168
Ion Ratio Lower Upper
93 100
63 81.1 62.4 102.4
95 32.8 12.5 52.5

Manual Integrations
APPROVED

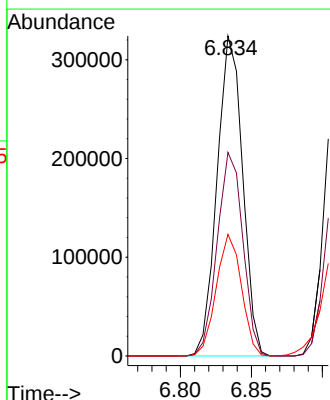
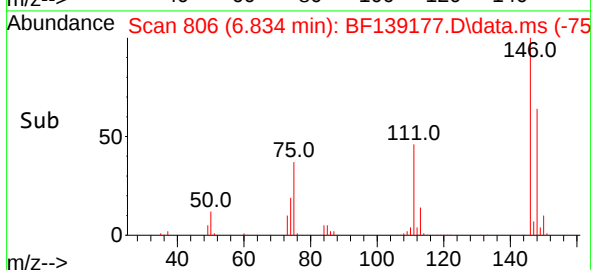
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024

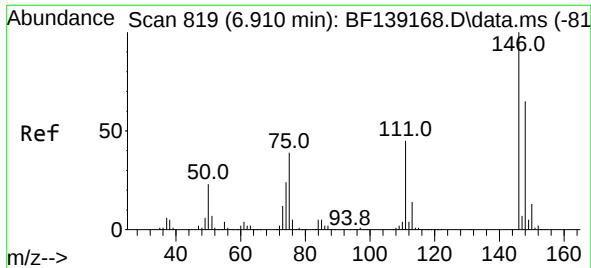


#12
1,3-Dichlorobenzene
Concen: 41.551 ng
RT: 6.834 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03



Tgt Ion:146 Resp: 405100
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
75 38.0 29.9 44.9





#13
1,4-Dichlorobenzene
Concen: 41.896 ng
RT: 6.910 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

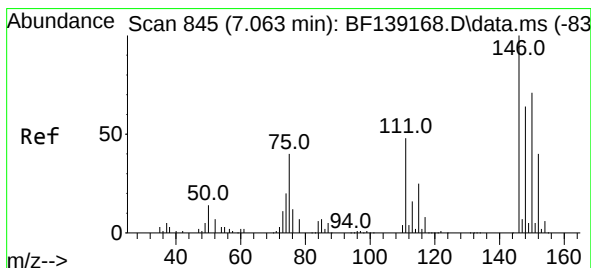
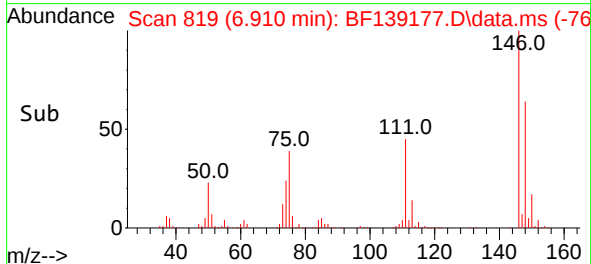
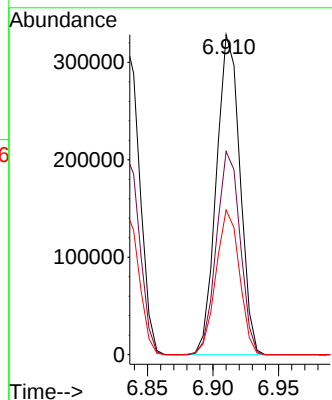
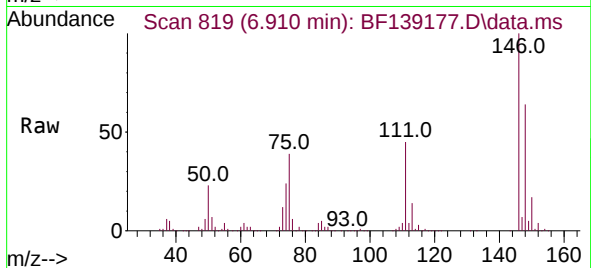
ClientSampleId :

PB162936BS

Tgt Ion:146 Resp: 409800
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
111 45.3 35.8 53.8

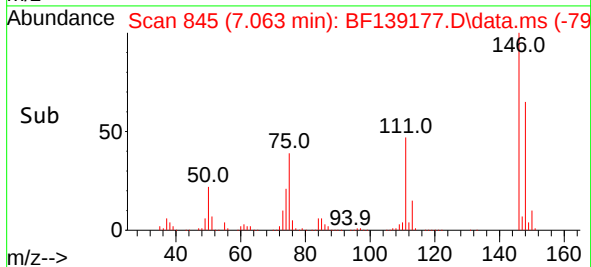
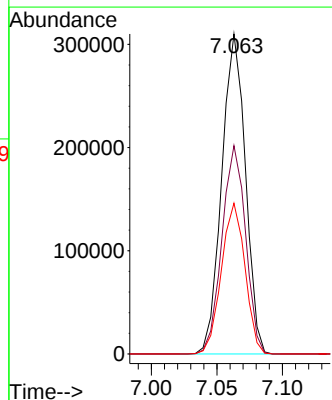
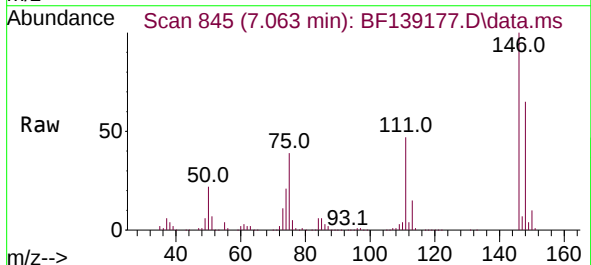
Manual Integrations
APPROVED

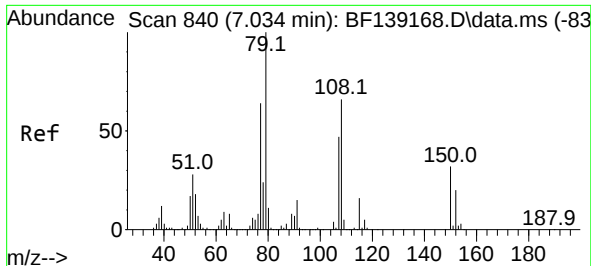
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#14
1,2-Dichlorobenzene
Concen: 42.292 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Tgt Ion:146 Resp: 389215
Ion Ratio Lower Upper
146 100
148 65.1 51.4 77.2
111 47.1 38.6 58.0





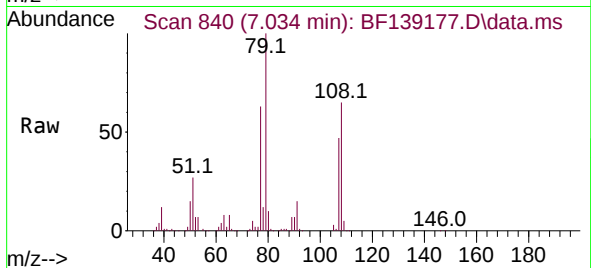
#15
Benzyl Alcohol
Concen: 48.064 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

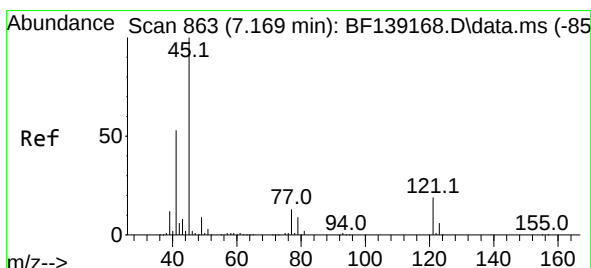
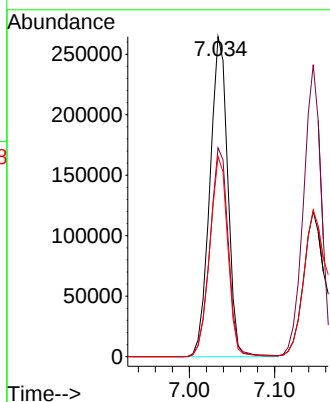
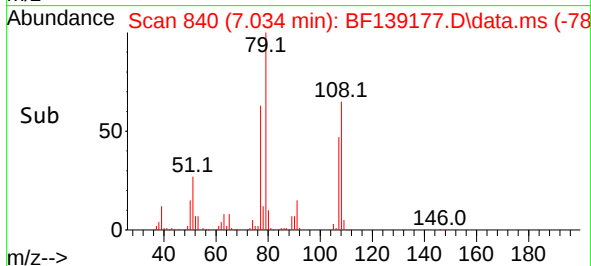
PB162936BS



Tgt Ion: 79 Resp: 386907
Ion Ratio Lower Upper
79 100
108 65.2 52.7 79.1
77 62.6 51.2 76.8

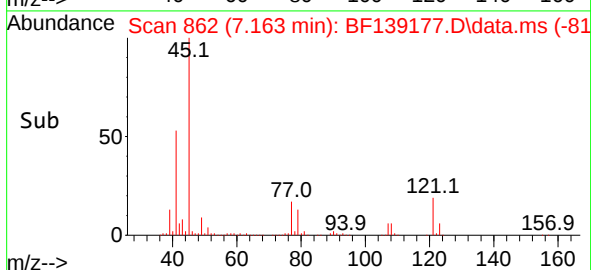
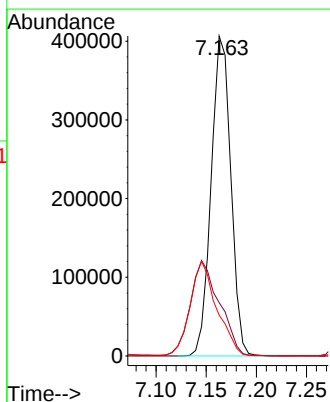
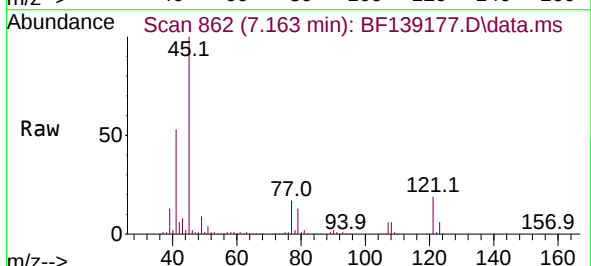
Manual Integrations
APPROVED

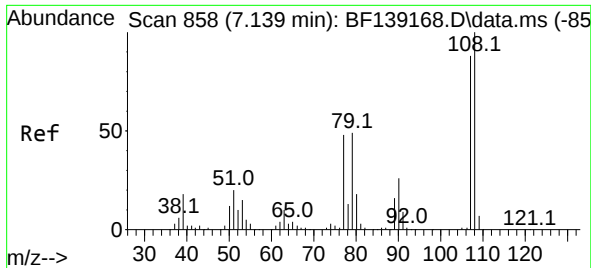
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.003 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Tgt Ion: 45 Resp: 554022
Ion Ratio Lower Upper
45 100
77 16.7 0.0 33.9
79 12.7 0.0 30.5





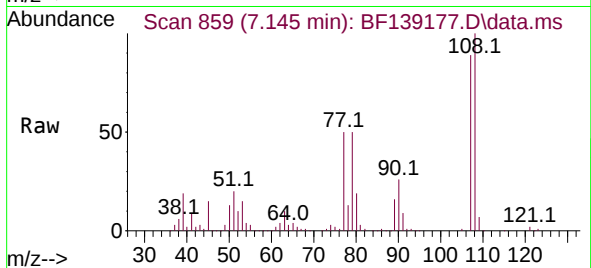
#17
2-Methylphenol
Concen: 45.524 ng
RT: 7.145 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS

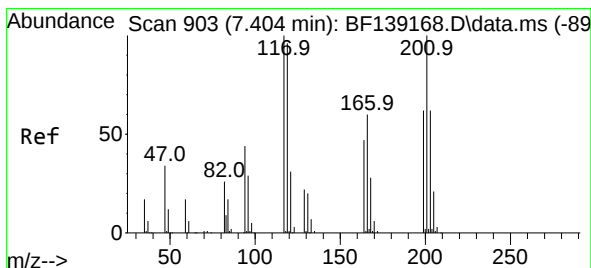
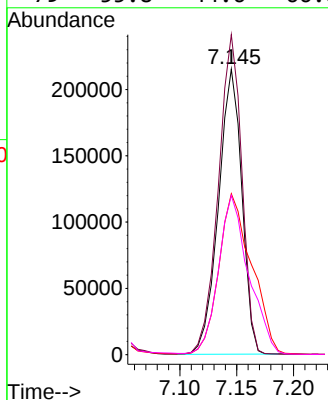
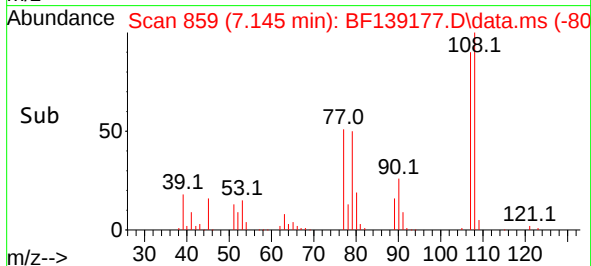


Tgt Ion:107 Resp: 30682
Ion Ratio Lower Upper
107 100
108 112.1 91.4 137.0
77 56.4 44.3 66.5
79 55.8 44.6 66.8

Manual Integrations

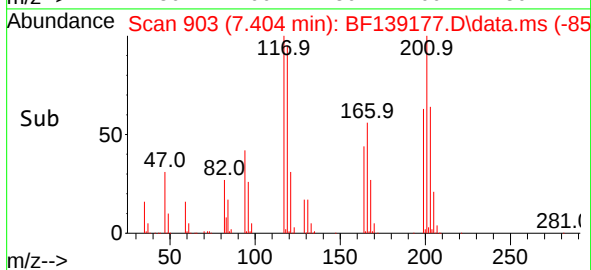
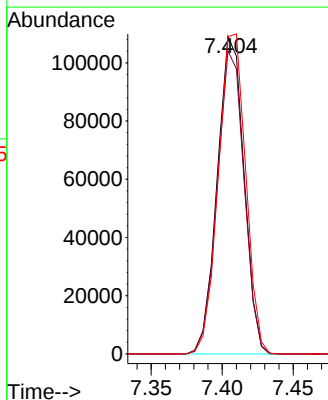
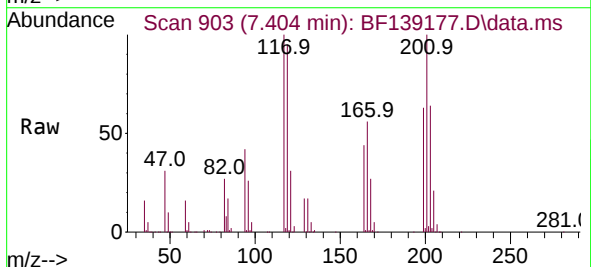
APPROVED

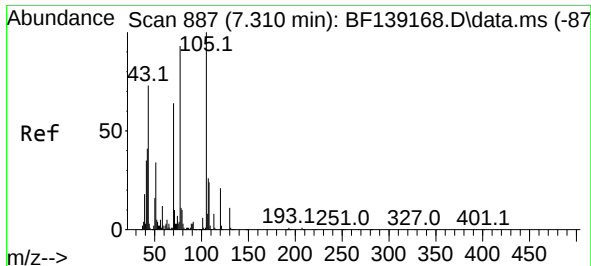
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#18
Hexachloroethane
Concen: 46.079 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Tgt Ion:117 Resp: 142597
Ion Ratio Lower Upper
117 100
119 95.4 77.1 115.7
201 100.0 79.7 119.5





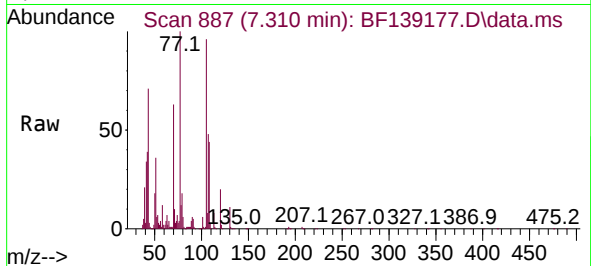
#19
n-Nitroso-di-n-propylamine
Concen: 47.219 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS



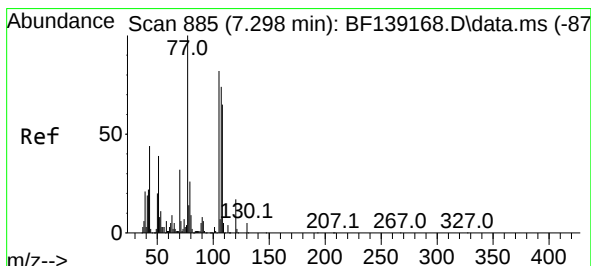
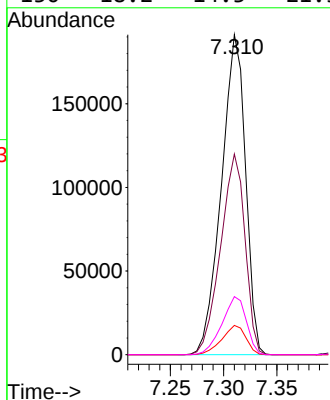
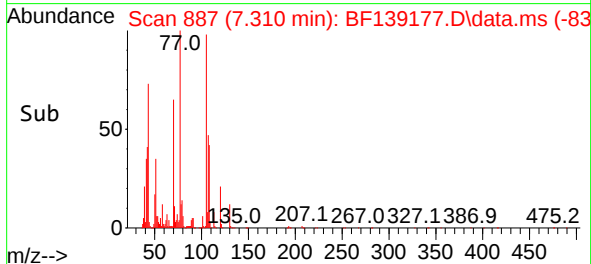
Tgt Ion: 70 Resp: 301609
Ion Ratio Lower Upper
70 100
42 62.7 50.8 76.2
101 9.2 7.4 11.0
130 18.2 14.3 21.5

Manual Integrations

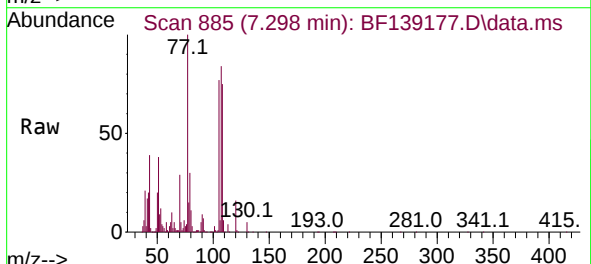
APPROVED

Reviewed By :Yogesh Patel 08/28/2024

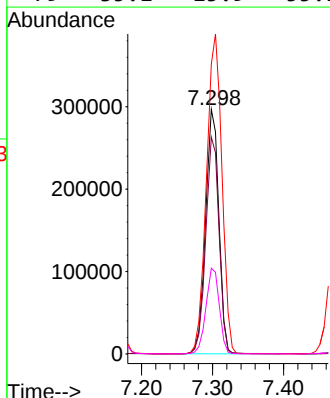
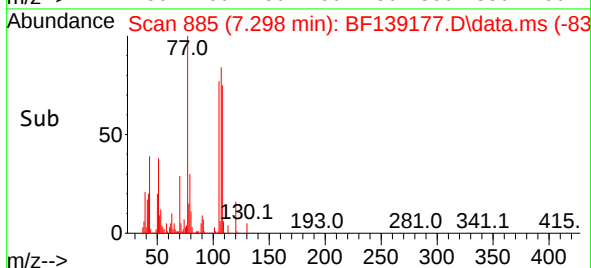
Supervised By :mohammad ahmed 08/28/2024

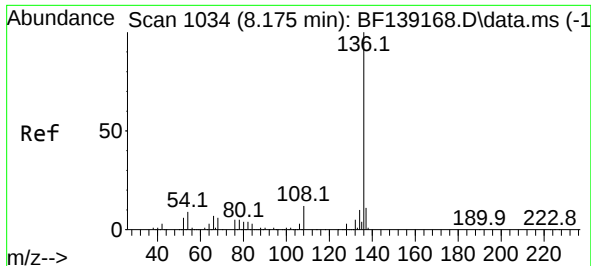


#20
3+4-Methylphenols
Concen: 44.949 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03



Tgt Ion:107 Resp: 386434
Ion Ratio Lower Upper
107 100
108 88.6 68.5 108.5
77 118.5 115.7 155.7
79 35.1 15.9 55.9





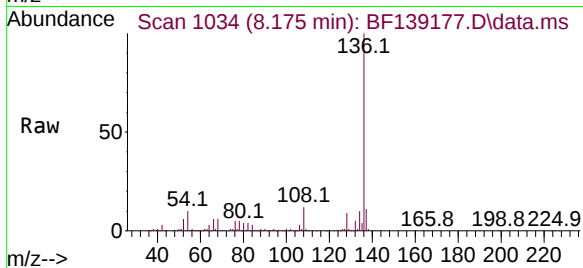
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :

BNF_F

ClientSampleId :

PB162936BS



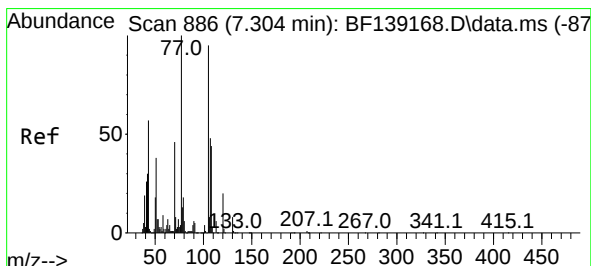
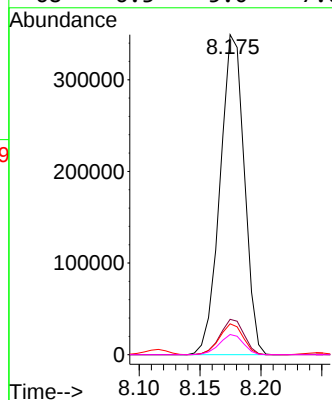
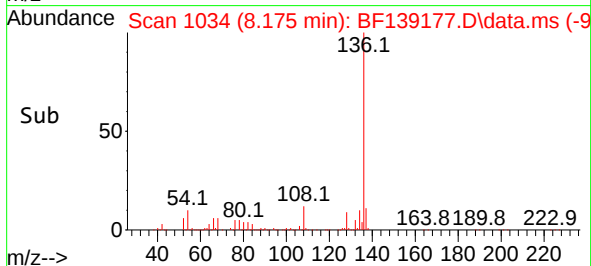
Tgt Ion:136 Resp: 483810
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.7 7.6 11.4
68 6.3 5.0 7.6

Manual Integrations

APPROVED

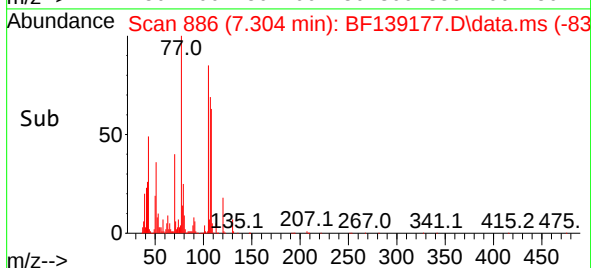
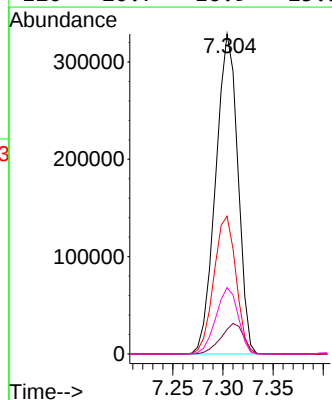
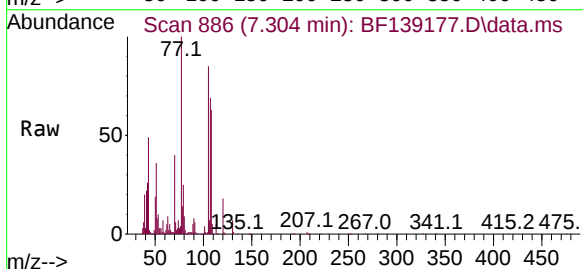
Reviewed By :Yogesh Patel 08/28/2024

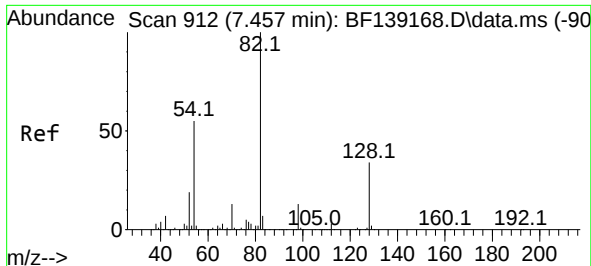
Supervised By :mohammad ahmed 08/28/2024



#22
Acetophenone
Concen: 40.632 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Tgt Ion:105 Resp: 505106
Ion Ratio Lower Upper
105 100
71 7.6 6.5 9.7
51 43.0 31.8 47.6
120 20.7 16.9 25.3





#23

Nitrobenzene-d5

Concen: 94.764 ng

RT: 7.457 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF139177.D

Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS

Tgt Ion: 82 Resp: 82758

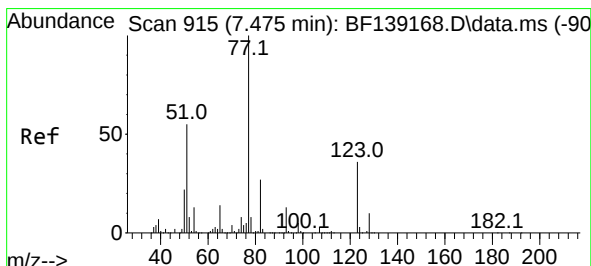
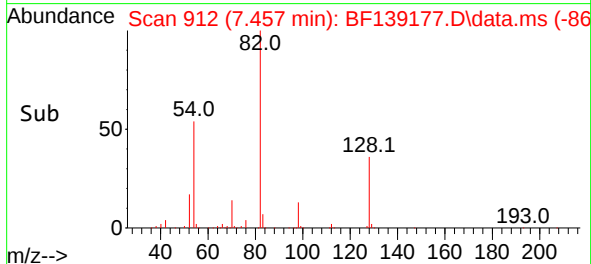
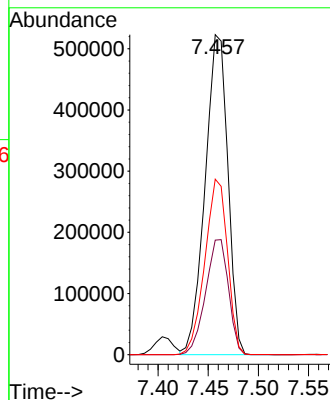
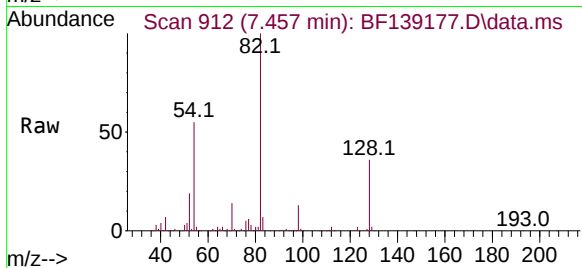
Ion	Ratio	Lower	Upper
82	100		
128	35.8	27.1	40.7
54	54.8	44.2	66.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2024

Supervised By :mohammad ahmed 08/28/2024



#24

Nitrobenzene

Concen: 44.054 ng

RT: 7.481 min Scan# 916

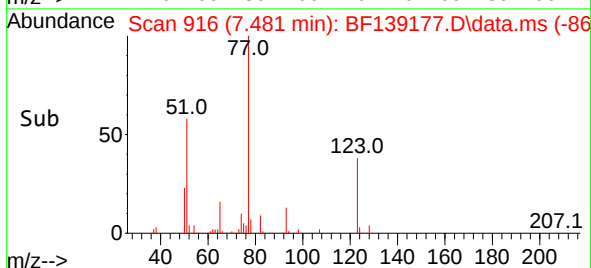
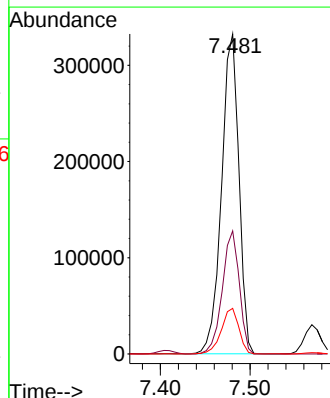
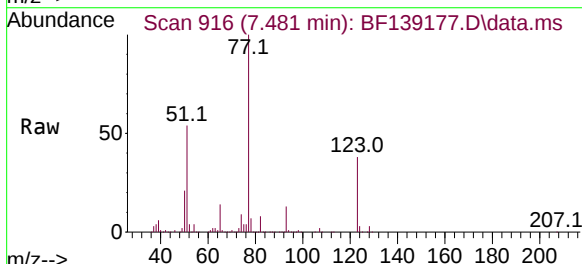
Delta R.T. 0.006 min

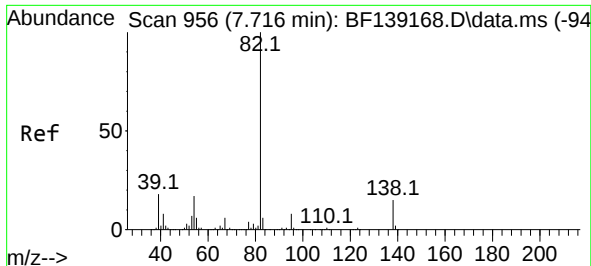
Lab File: BF139177.D

Acq: 27 Aug 2024 10:03

Tgt Ion: 77 Resp: 445335

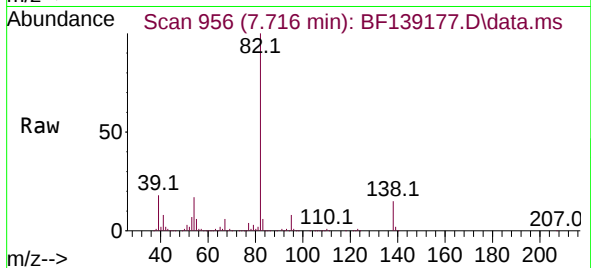
Ion	Ratio	Lower	Upper
77	100		
123	38.4	28.7	43.1
65	14.2	10.9	16.3





#25
Isophorone
Concen: 45.668 ng
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

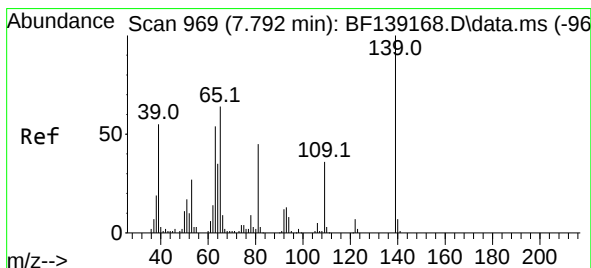
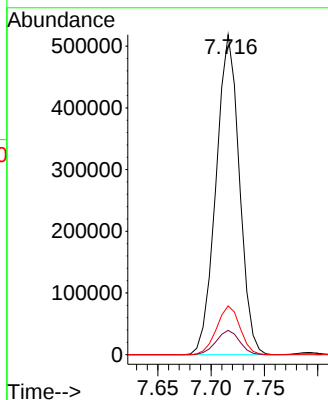
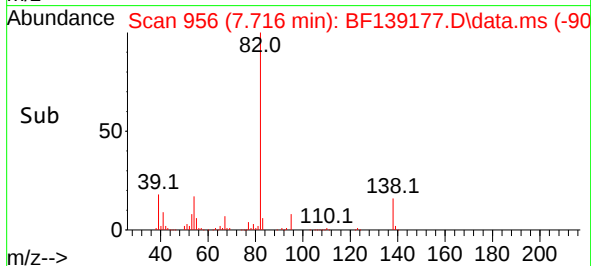
Instrument :
BNA_F
ClientSampleId :
PB162936BS



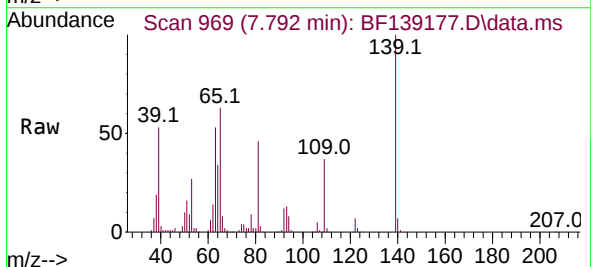
Tgt Ion: 82 Resp: 78868
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 15.3 12.2 18.4

Manual Integrations
APPROVED

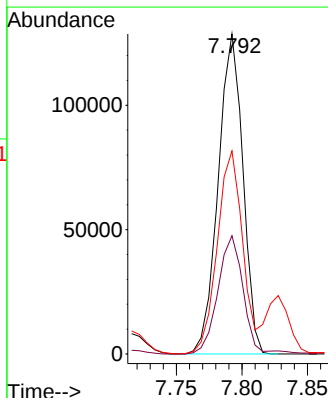
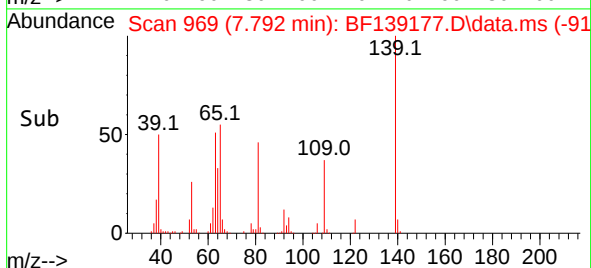
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024

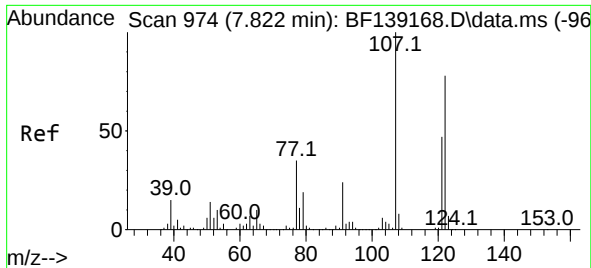


#26
2-Nitrophenol
Concen: 53.199 ng
RT: 7.792 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03



Tgt Ion:139 Resp: 168409
Ion Ratio Lower Upper
139 100
109 36.9 28.9 43.3
65 63.5 51.1 76.7





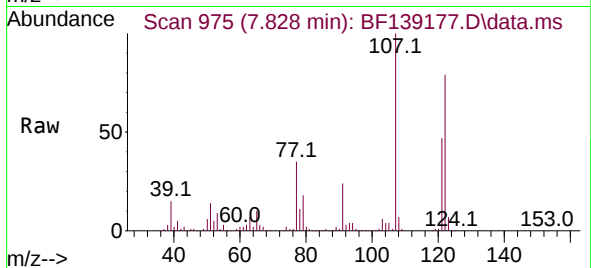
#27
2,4-Dimethylphenol
Concen: 51.310 ng
RT: 7.828 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS



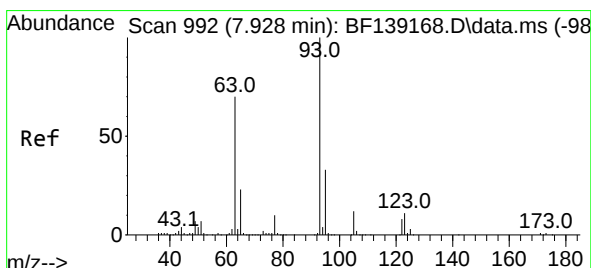
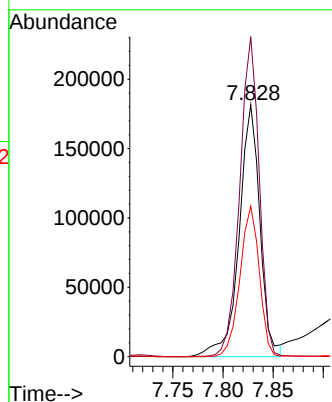
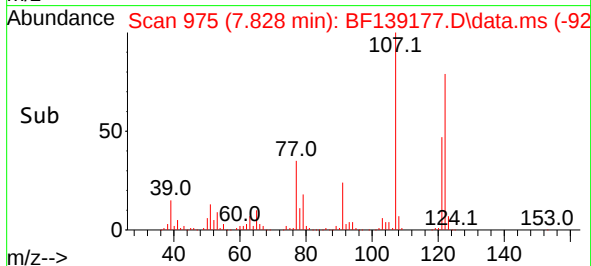
Tgt Ion:122 Resp: 262640
Ion Ratio Lower Upper
122 100
107 127.0 102.1 153.1
121 59.7 47.8 71.6

Manual Integrations

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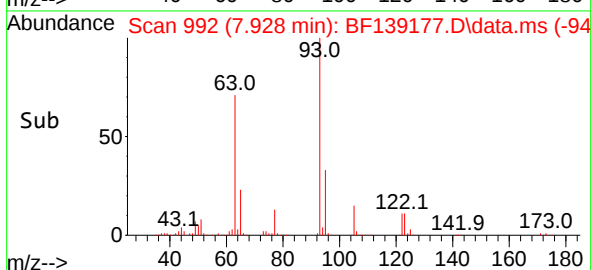
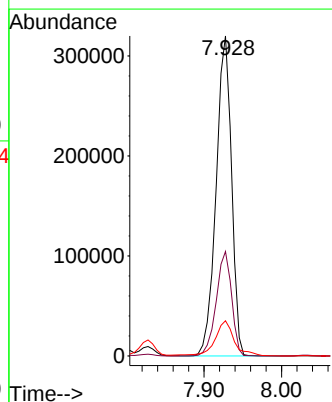
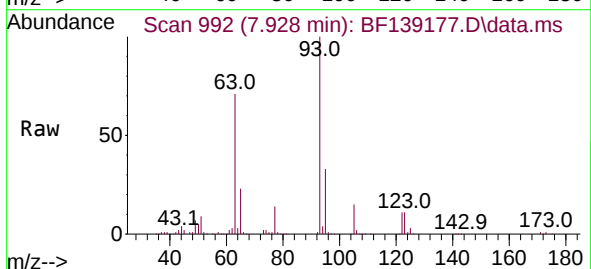
Reviewed By :Yogesh Patel 08/28/2024

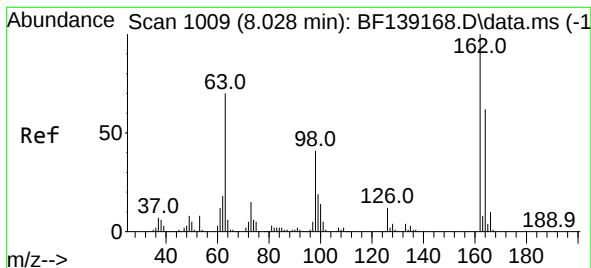
Supervised By :mohammad ahmed 08/28/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.124 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Tgt Ion: 93 Resp: 441183
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.2
123 11.0 9.2 13.8





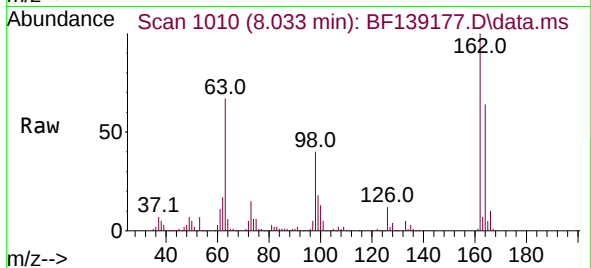
#29
2,4-Dichlorophenol
Concen: 49.236 ng
RT: 8.033 min Scan# 1009
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS



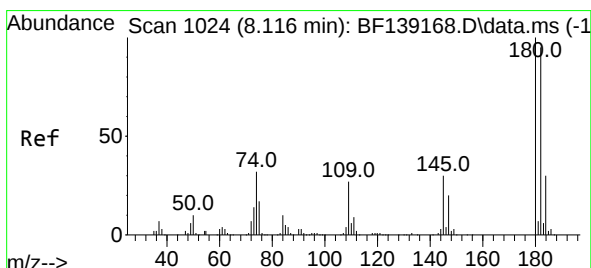
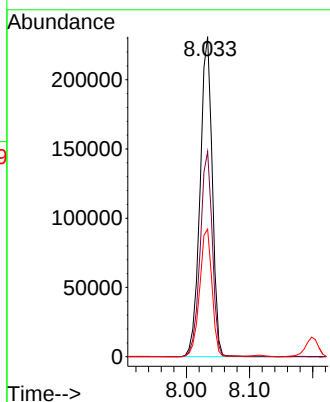
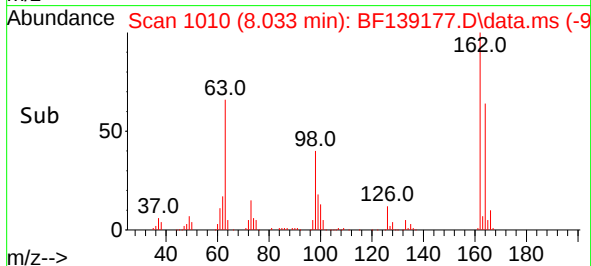
Tgt Ion:162 Resp: 311079
Ion Ratio Lower Upper
162 100
164 64.1 42.3 82.3
98 39.9 20.8 60.8

Manual Integrations

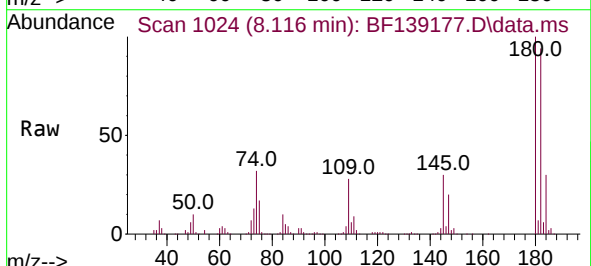
APPROVED

Reviewed By :Yogesh Patel 08/28/2024

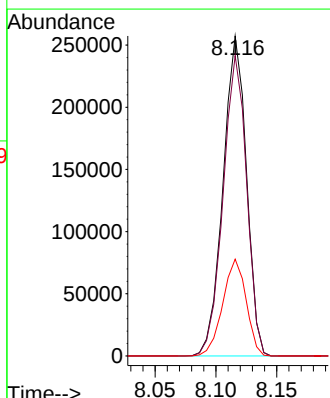
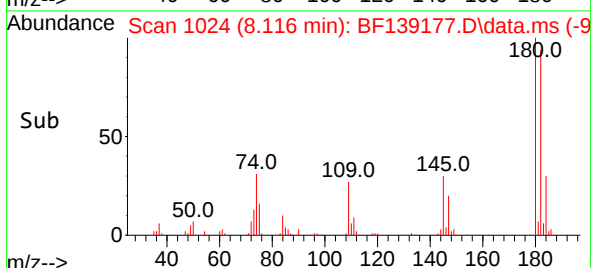
Supervised By :mohammad ahmed 08/28/2024

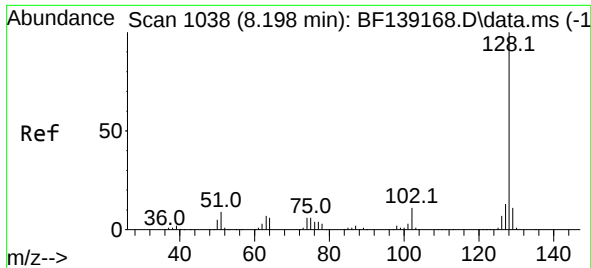


#30
1,2,4-Trichlorobenzene
Concen: 42.293 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03



Tgt Ion:180 Resp: 344589
Ion Ratio Lower Upper
180 100
182 93.9 76.2 114.2
145 30.3 23.6 35.4





#31
Naphthalene
Concen: 42.405 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

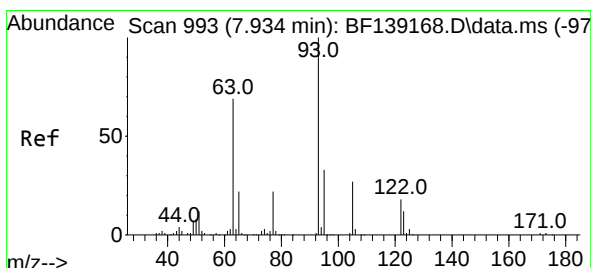
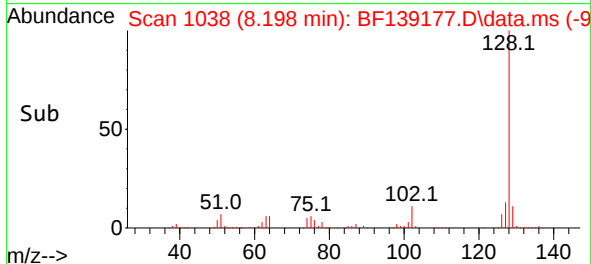
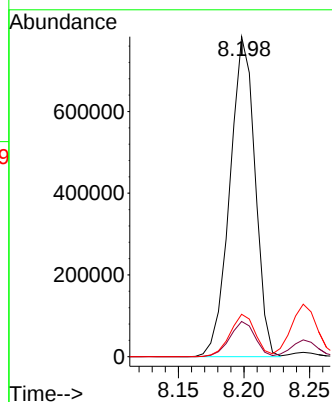
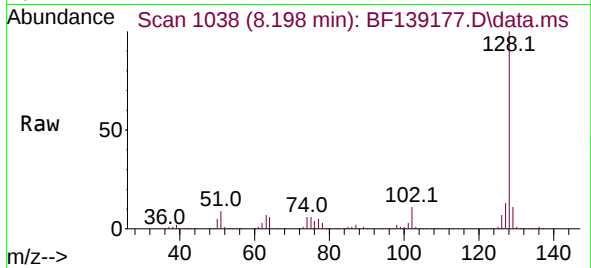
ClientSampleId :

PB162936BS

Tgt Ion:128 Resp: 104905
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.7 16.1

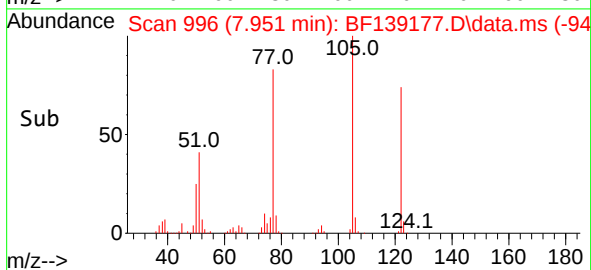
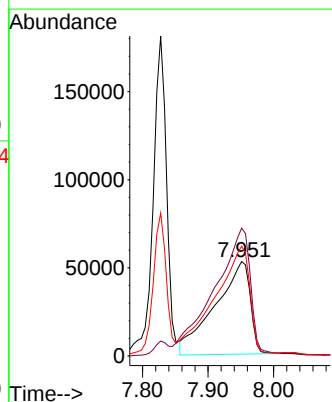
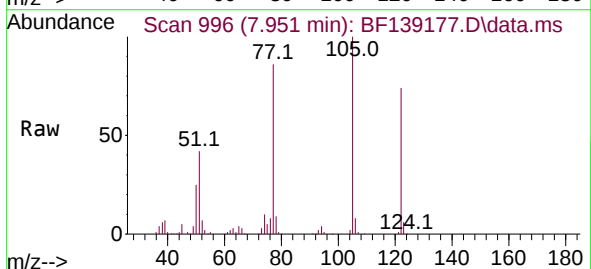
Manual Integrations
APPROVED

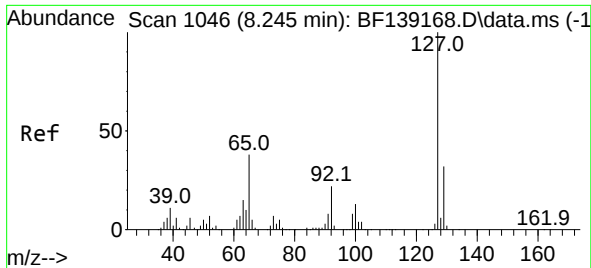
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#32
Benzoic acid
Concen: 45.338 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.017 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Tgt Ion:122 Resp: 195602
Ion Ratio Lower Upper
122 100
105 135.4 118.9 158.9
77 116.3 96.4 136.4





#33
4-Chloroaniline
Concen: 21.724 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

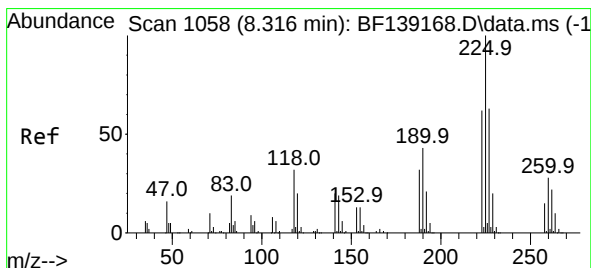
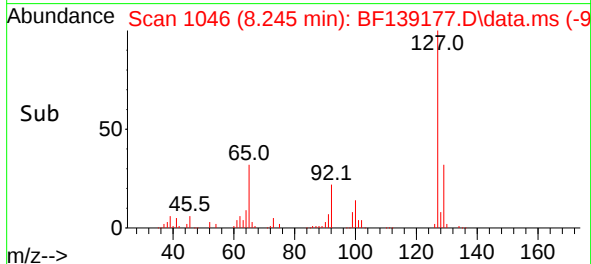
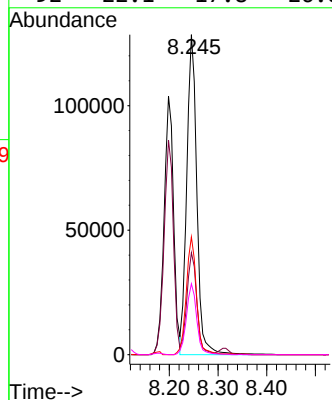
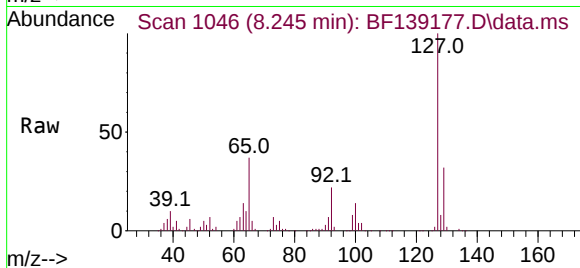
PB162936BS

Tgt Ion:127 Resp: 18520
Ion Ratio Lower Upper
127 100
129 31.9 25.7 38.5
65 36.8 30.8 46.2
92 22.1 17.8 26.8

Manual Integrations

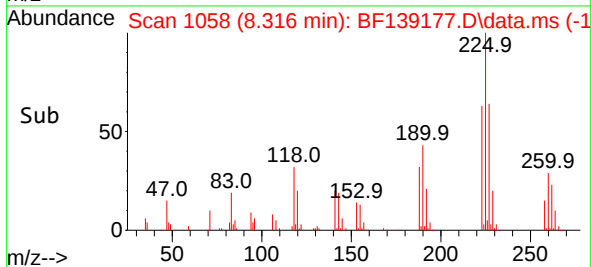
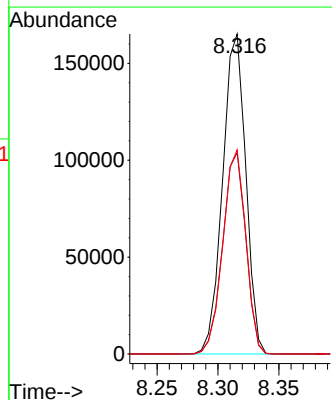
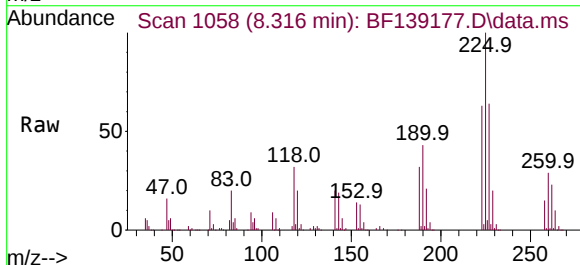
APPROVED

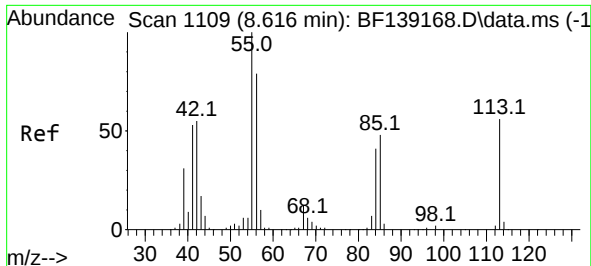
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#34
Hexachlorobutadiene
Concen: 41.335 ng
RT: 8.316 min Scan# 1058
Delta R.T. -0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Tgt Ion:225 Resp: 218850
Ion Ratio Lower Upper
225 100
223 62.9 49.7 74.5
227 63.8 50.3 75.5





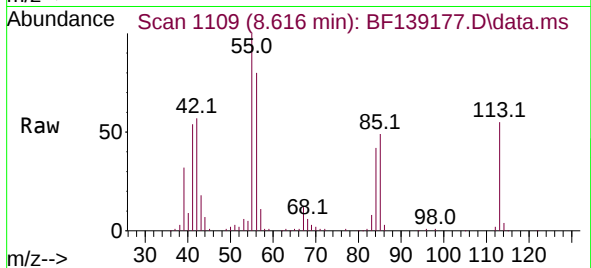
#35
Caprolactam
Concen: 46.199 ng m
RT: 8.616 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS



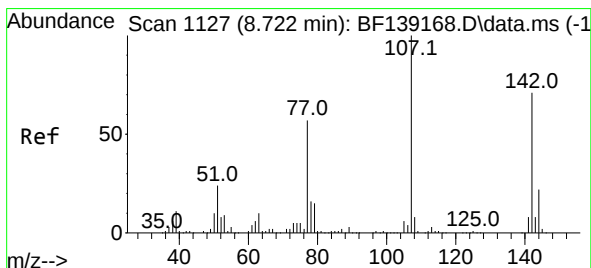
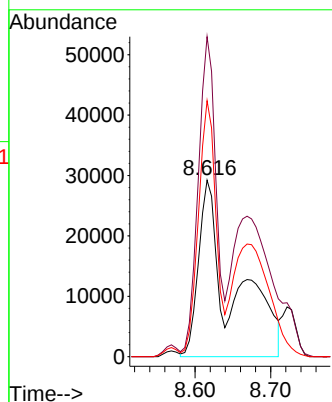
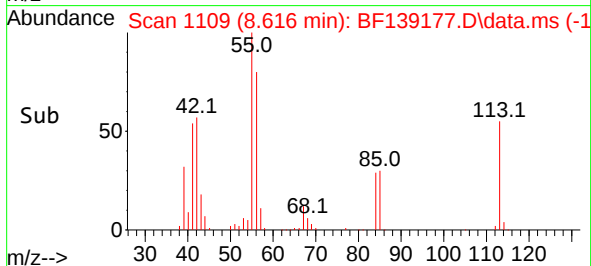
Tgt Ion:113 Resp: 8954
Ion Ratio Lower Upper
113 100
55 181.4 158.0 198.0
56 145.1 119.6 159.6

Manual Integrations

APPROVED

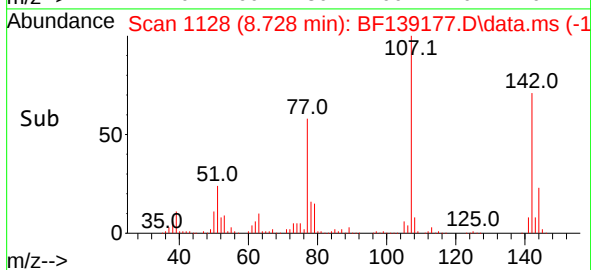
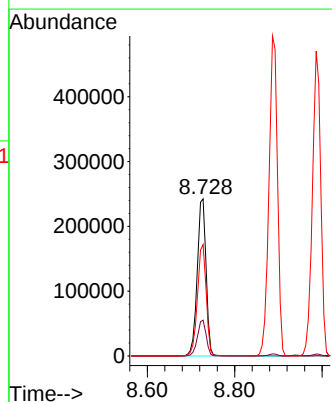
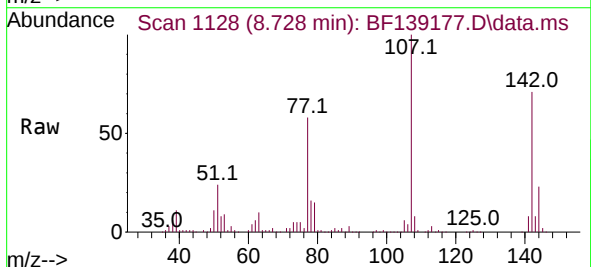
Reviewed By :Yogesh Patel 08/28/2024

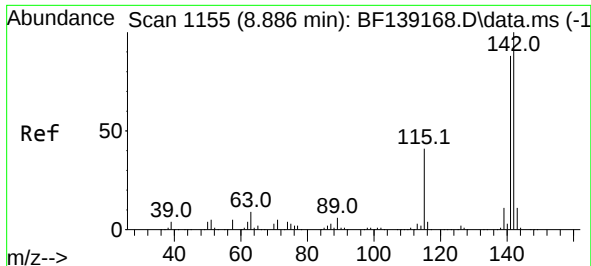
Supervised By :mohammad ahmed 08/28/2024



#36
4-Chloro-3-methylphenol
Concen: 47.386 ng
RT: 8.728 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Tgt Ion:107 Resp: 343362
Ion Ratio Lower Upper
107 100
144 22.8 17.8 26.8
142 70.9 56.6 84.8





#37

2-Methylnaphthalene

Concen: 43.007 ng

RT: 8.886 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF139177.D

Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS

Tgt Ion:142 Resp: 66697

Ion Ratio Lower Upper

142 100

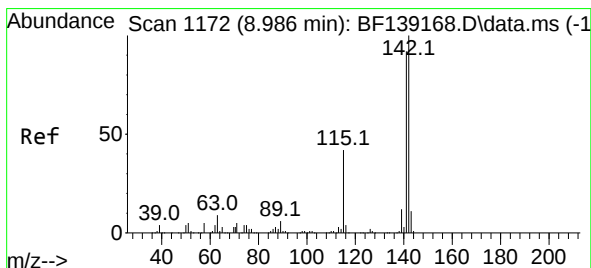
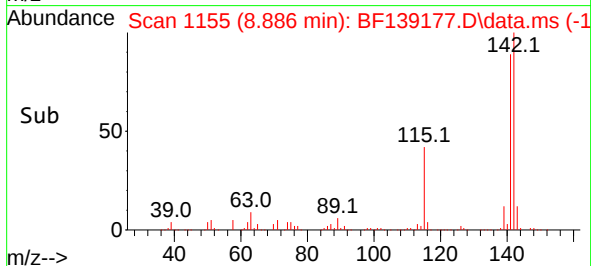
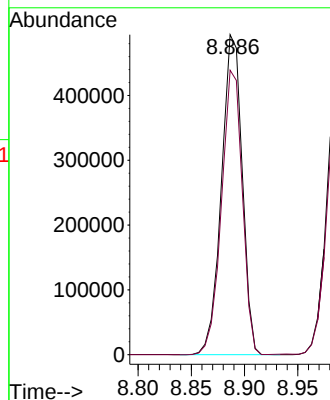
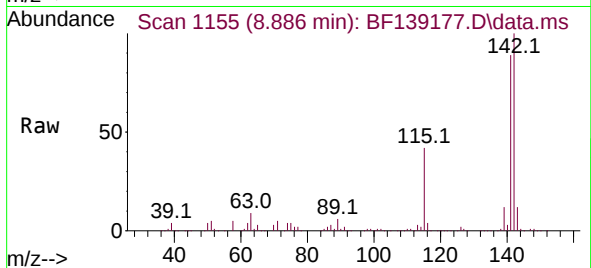
141 88.9 70.2 105.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2024

Supervised By :mohammad ahmed 08/28/2024



#38

1-Methylnaphthalene

Concen: 41.059 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF139177.D

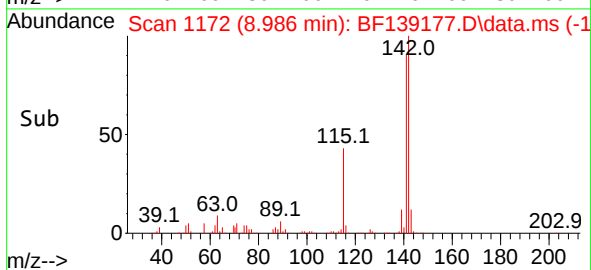
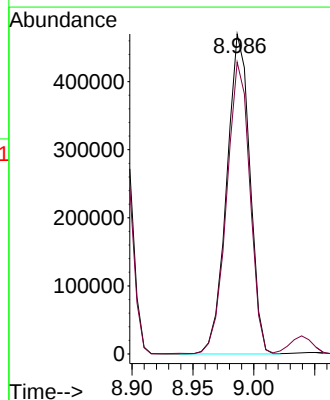
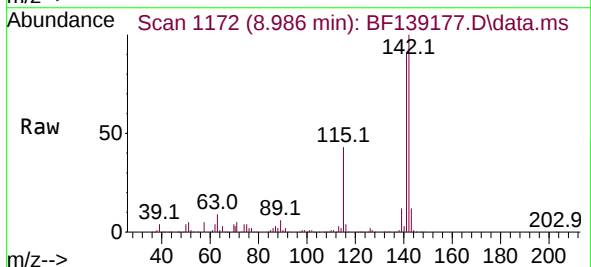
Acq: 27 Aug 2024 10:03

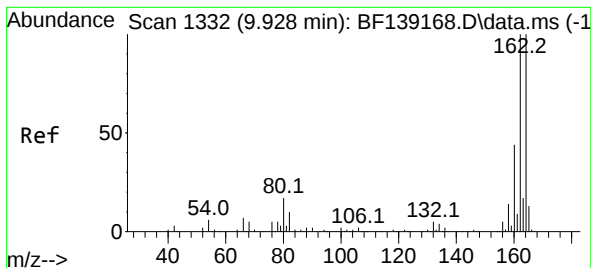
Tgt Ion:142 Resp: 622373

Ion Ratio Lower Upper

142 100

141 91.2 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF139177.D

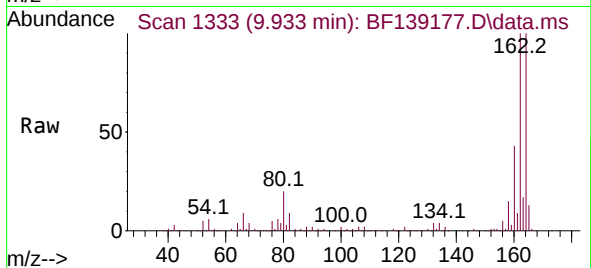
Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS



Tgt Ion:164 Resp: 277149

Ion Ratio Lower Upper

164 100

162 100.2 80.0 120.0

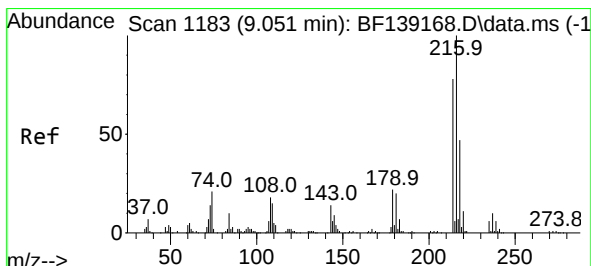
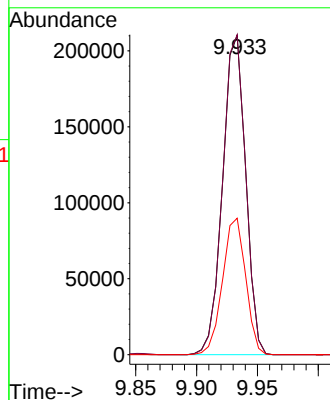
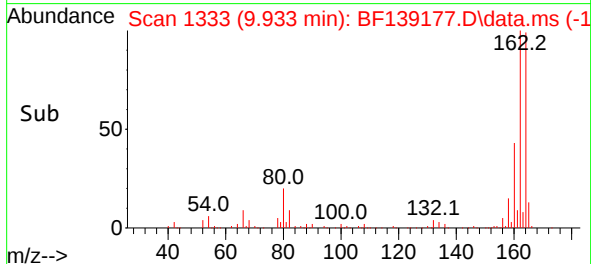
160 42.8 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2024

Supervised By :mohammad ahmed 08/28/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.978 ng

RT: 9.051 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF139177.D

Acq: 27 Aug 2024 10:03

Tgt Ion:216 Resp: 320423

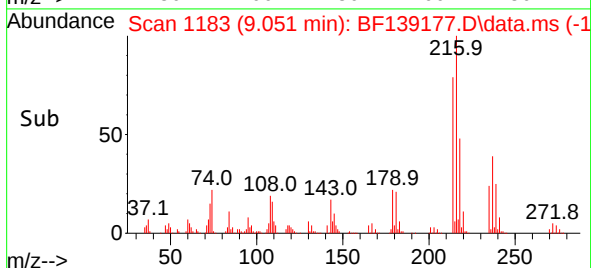
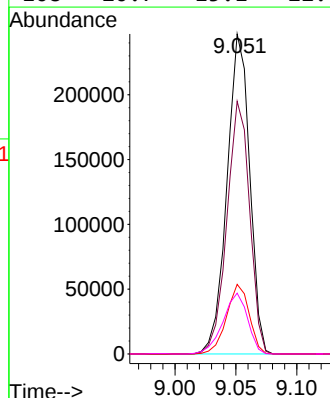
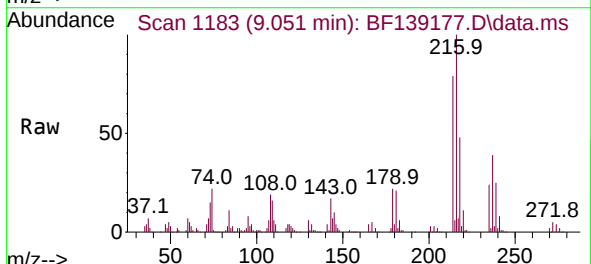
Ion Ratio Lower Upper

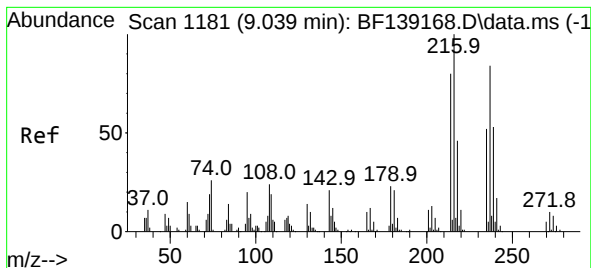
216 100

214 78.9 62.5 93.7

179 21.7 17.5 26.3

108 20.7 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 110.083 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139177.D

Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS

Tgt Ion:237 Resp: 29058

Ion Ratio Lower Upper

237 100

235 62.7 42.1 82.1

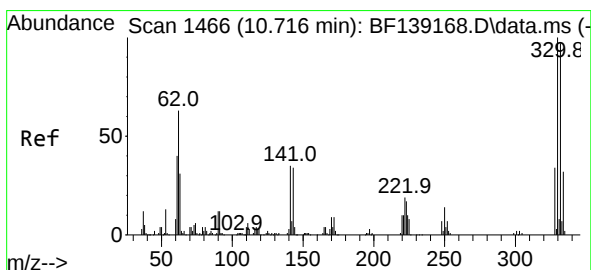
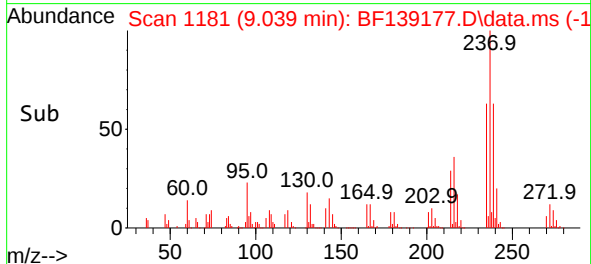
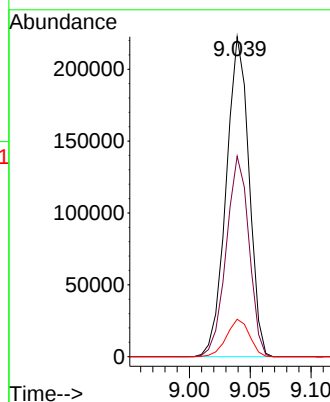
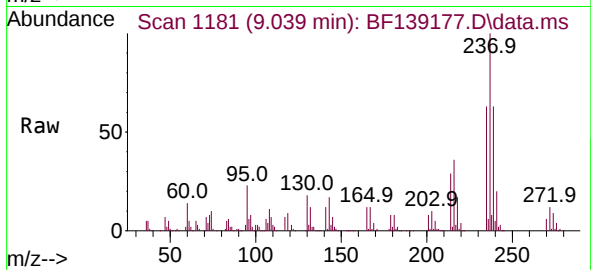
272 11.7 0.0 32.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2024

Supervised By :mohammad ahmed 08/28/2024



#42

2,4,6-Tribromophenol

Concen: 141.299 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BF139177.D

Acq: 27 Aug 2024 10:03

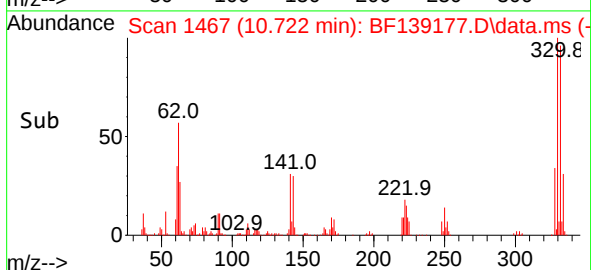
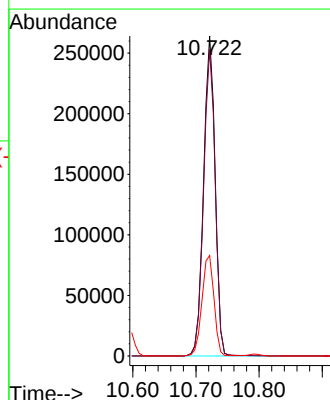
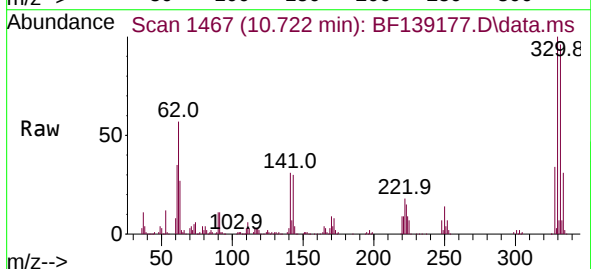
Tgt Ion:330 Resp: 335395

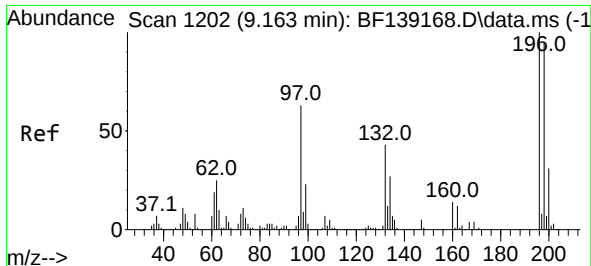
Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 32.8 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 50.781 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139177.D

Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS

Tgt Ion:196 Resp: 233410

Ion Ratio Lower Upper

196 100

198 95.2 75.8 113.8

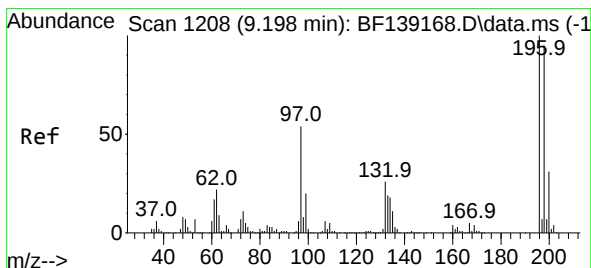
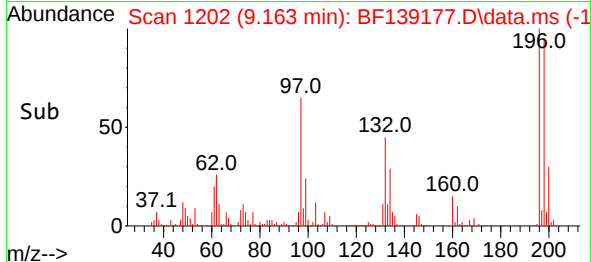
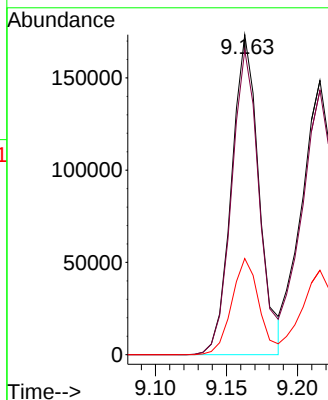
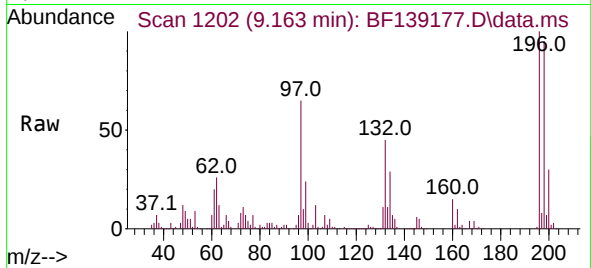
200 30.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2024

Supervised By :mohammad ahmed 08/28/2024



#44

2,4,5-Trichlorophenol

Concen: 47.175 ng

RT: 9.216 min Scan# 1211

Delta R.T. 0.018 min

Lab File: BF139177.D

Acq: 27 Aug 2024 10:03

Tgt Ion:196 Resp: 227290

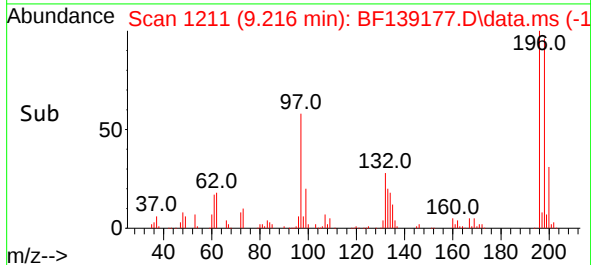
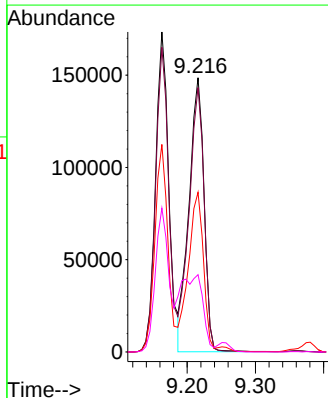
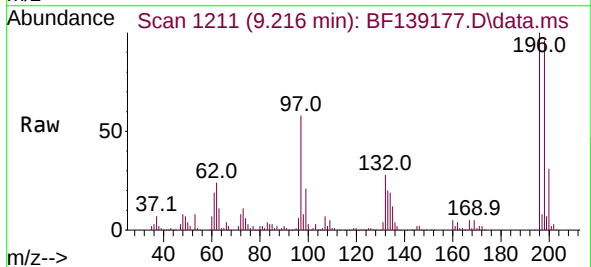
Ion Ratio Lower Upper

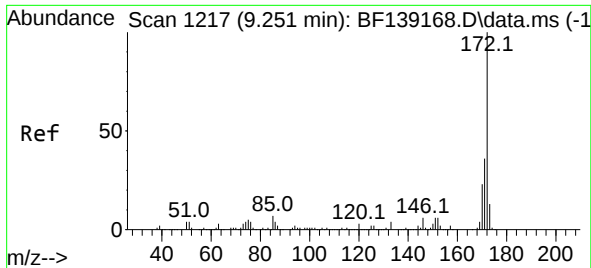
196 100

198 96.4 75.7 113.5

97 58.2 44.9 67.3

132 28.2 22.0 33.0





#45
2-Fluorobiphenyl
Concen: 77.608 ng
RT: 9.251 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

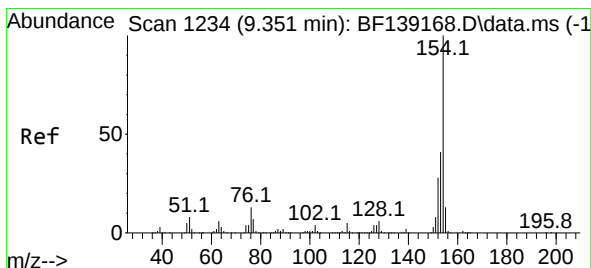
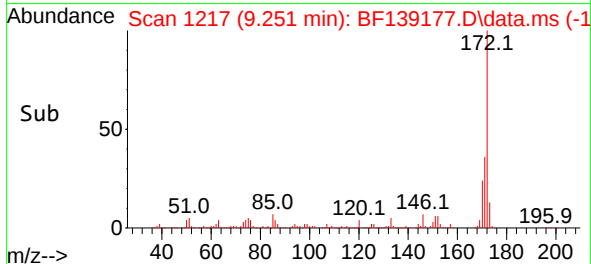
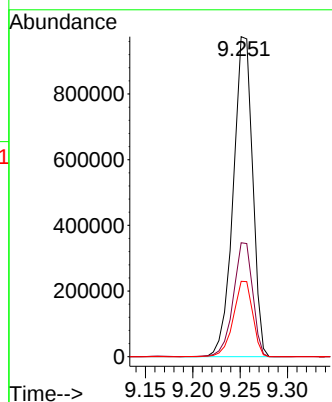
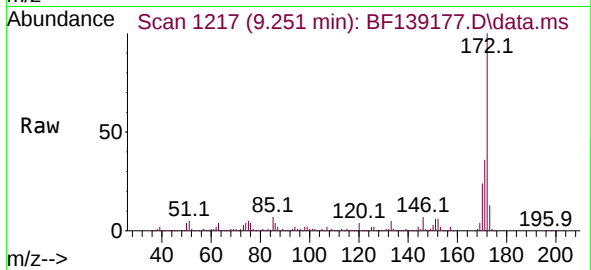
PB162936BS

Tgt Ion:172 Resp: 1384684
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.6 18.8 28.2

Manual Integrations

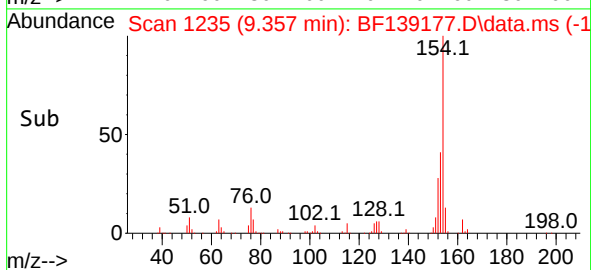
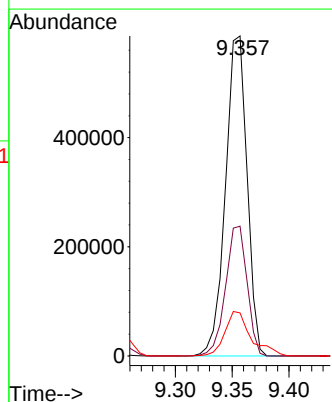
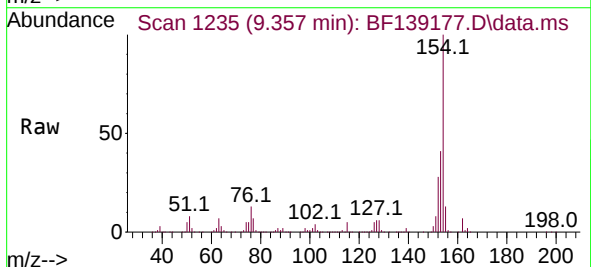
APPROVED

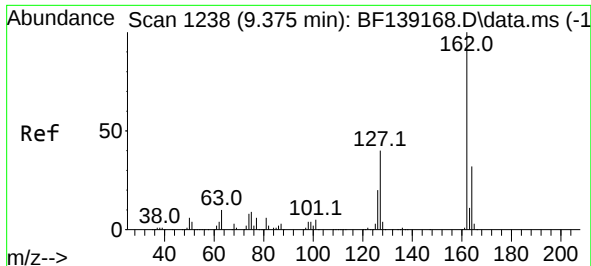
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#46
1,1'-Biphenyl
Concen: 38.550 ng
RT: 9.357 min Scan# 1235
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Tgt Ion:154 Resp: 773350
Ion Ratio Lower Upper
154 100
153 40.6 20.7 60.7
76 13.4 0.0 33.4





#47

2-Chloronaphthalene

Concen: 40.706 ng

RT: 9.380 min Scan# 1239

Delta R.T. 0.006 min

Lab File: BF139177.D

Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS

Tgt Ion:162 Resp: 65147

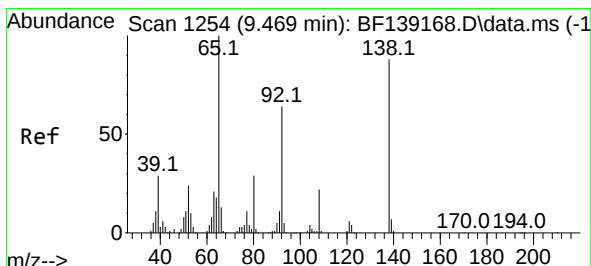
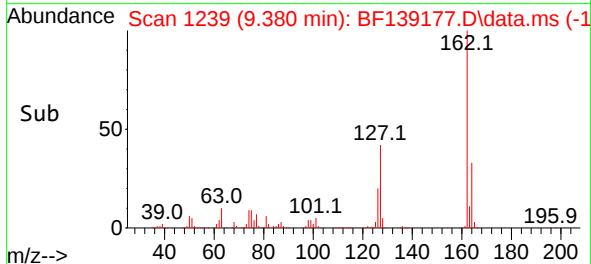
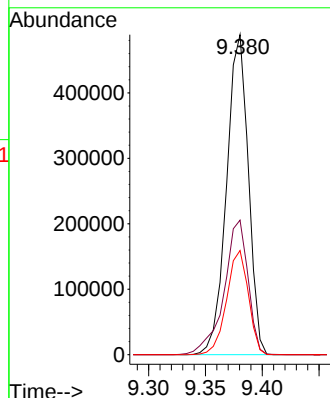
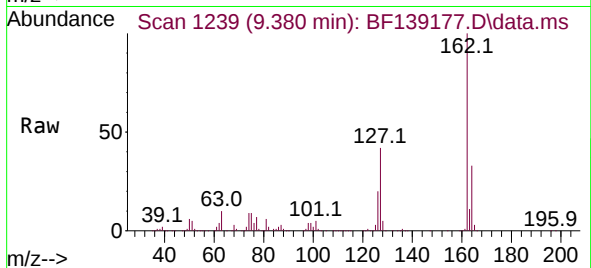
Ion	Ratio	Lower	Upper
162	100		
127	42.0	32.4	48.6
164	32.5	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2024

Supervised By :mohammad ahmed 08/28/2024



#48

2-Nitroaniline

Concen: 47.428 ng

RT: 9.475 min Scan# 1255

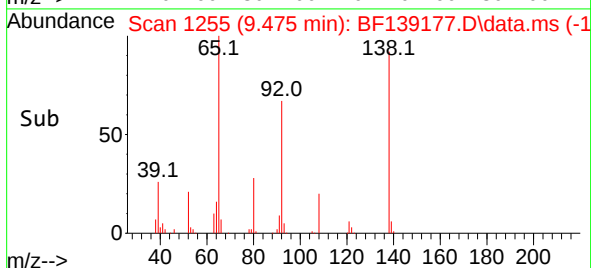
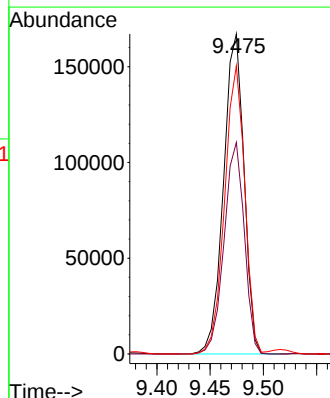
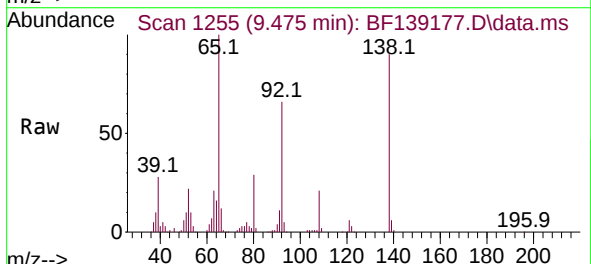
Delta R.T. 0.006 min

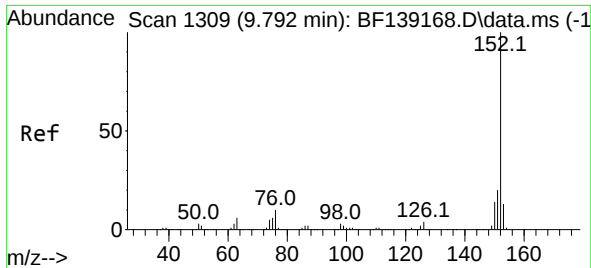
Lab File: BF139177.D

Acq: 27 Aug 2024 10:03

Tgt Ion: 65 Resp: 223077

Ion	Ratio	Lower	Upper
65	100		
92	66.1	51.2	76.8
138	90.0	70.0	105.0





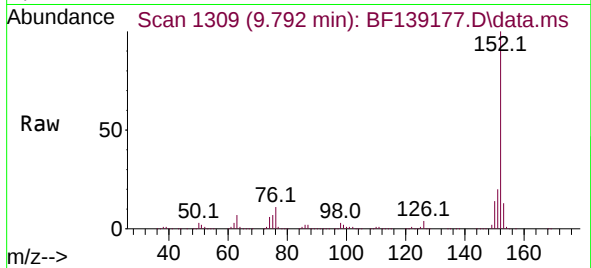
#49
Acenaphthylene
Concen: 45.599 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS



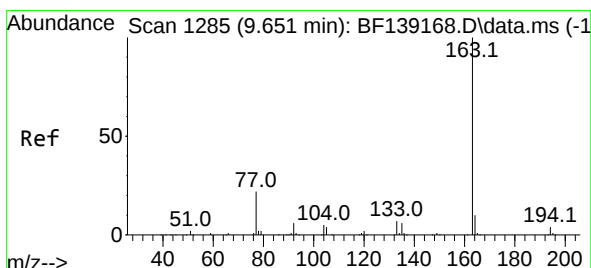
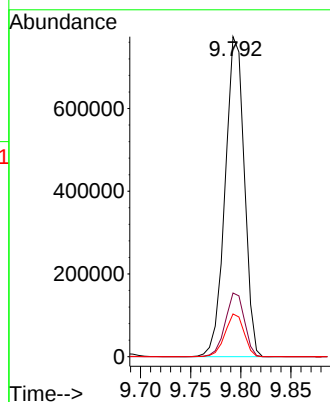
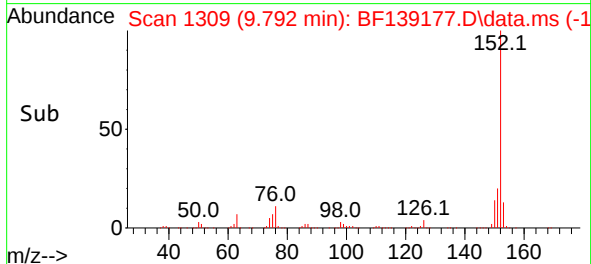
Tgt Ion:152 Resp: 1028294
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.3 10.5 15.7

Manual Integrations

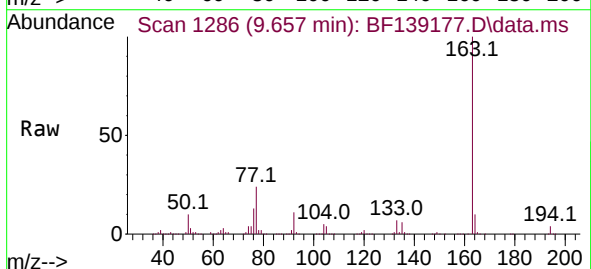
APPROVED

Reviewed By :Yogesh Patel 08/28/2024

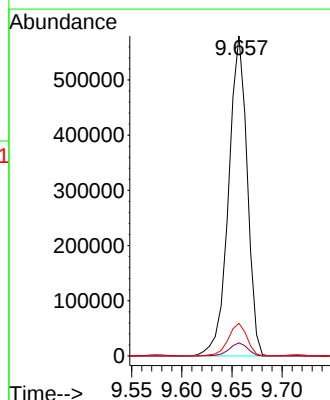
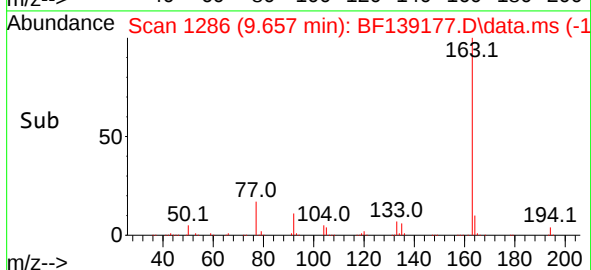
Supervised By :mohammad ahmed 08/28/2024

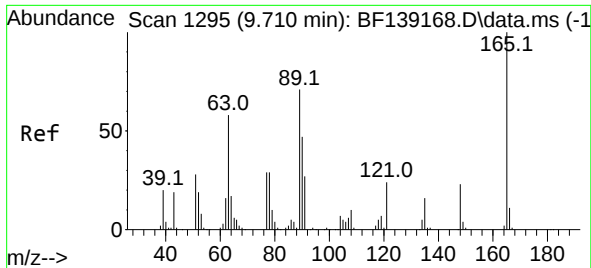


#50
Dimethylphthalate
Concen: 46.684 ng
RT: 9.657 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03



Tgt Ion:163 Resp: 747411
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.1 12.1





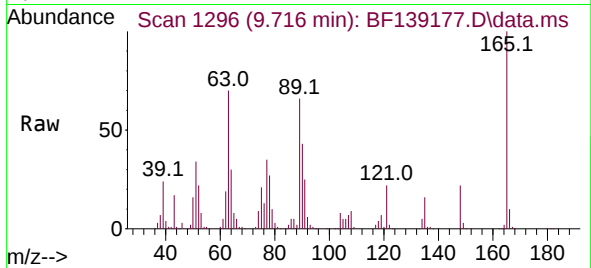
#51
2,6-Dinitrotoluene
Concen: 46.546 ng
RT: 9.716 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS

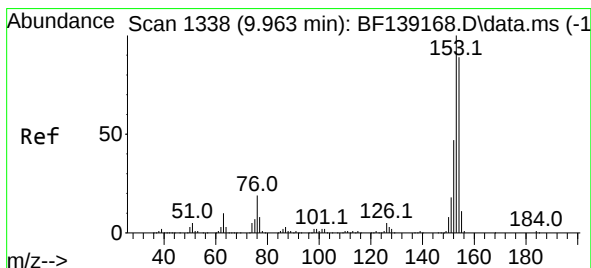
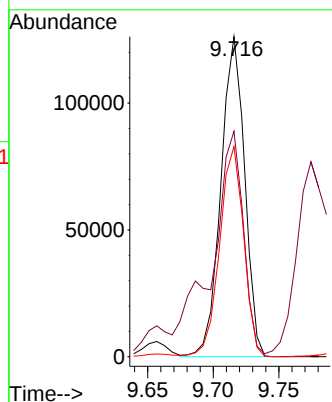
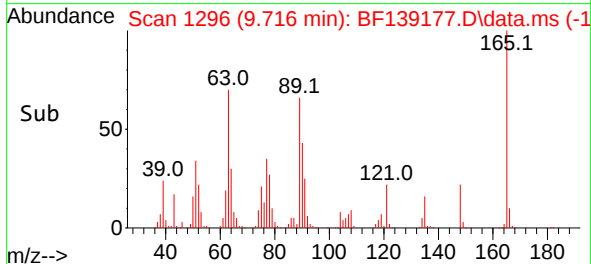


Tgt Ion:165 Resp: 158892
Ion Ratio Lower Upper
165 100
63 70.5 60.1 90.1
89 65.6 57.0 85.6

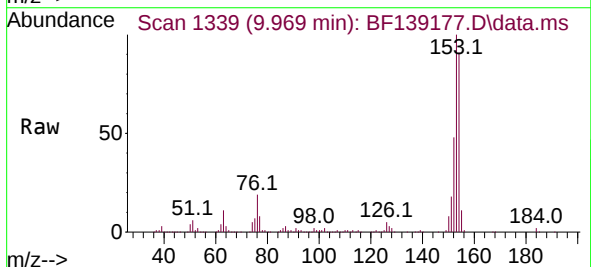
Manual Integrations

APPROVED

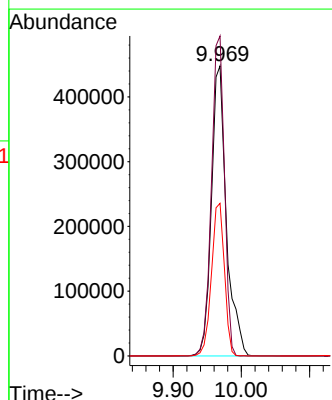
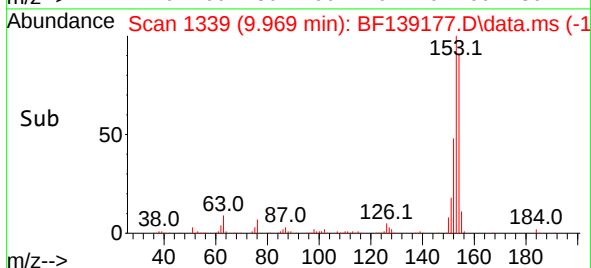
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024

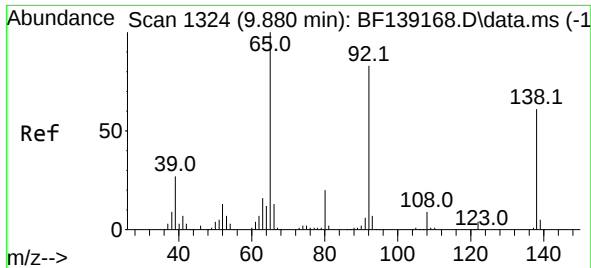


#52
Acenaphthene
Concen: 46.353 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03



Tgt Ion:154 Resp: 686689
Ion Ratio Lower Upper
154 100
153 110.3 90.0 135.0
152 52.6 42.4 63.6





#53
3-Nitroaniline
Concen: 34.740 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

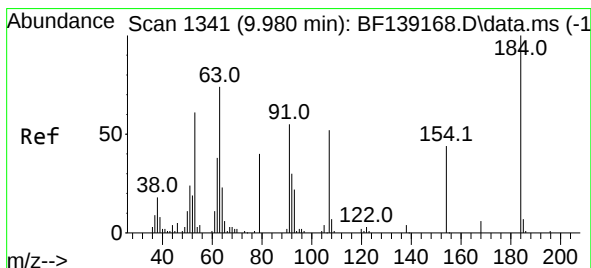
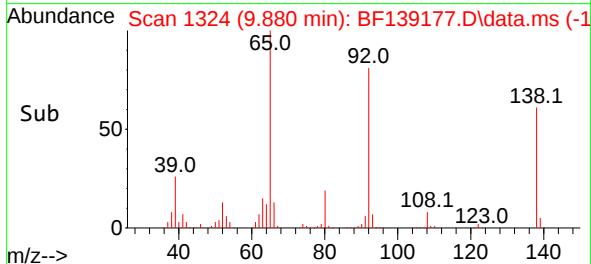
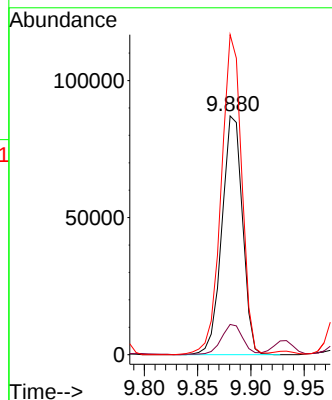
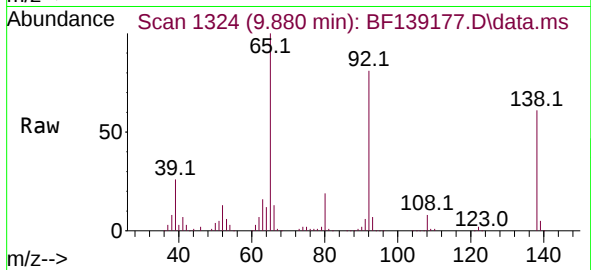
PB162936BS

Tgt Ion:138 Resp: 116679
Ion Ratio Lower Upper
138 100
108 12.7 11.8 17.6
92 134.1 108.2 162.2

Manual Integrations

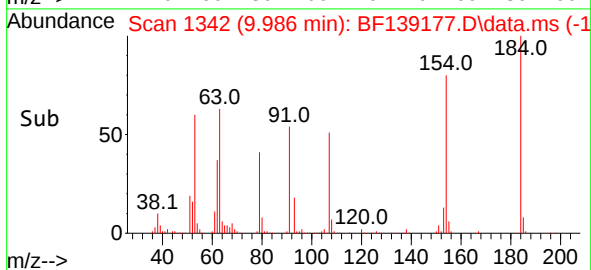
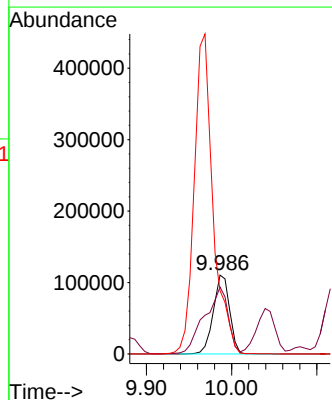
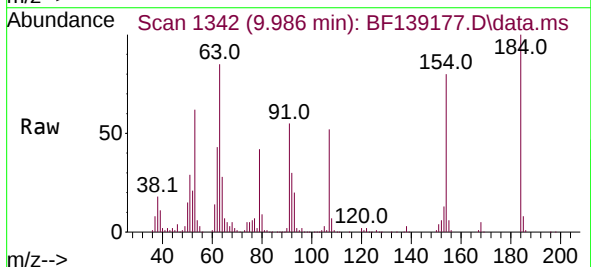
APPROVED

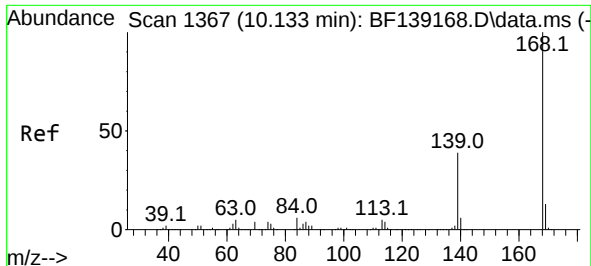
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#54
2,4-Dinitrophenol
Concen: 86.465 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

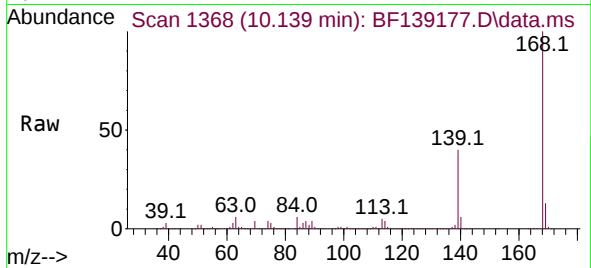
Tgt Ion:184 Resp: 147193
Ion Ratio Lower Upper
184 100
63 84.8 72.1 108.1
154 80.2 135.3 202.9#





#55
Dibenzofuran
Concen: 42.499 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

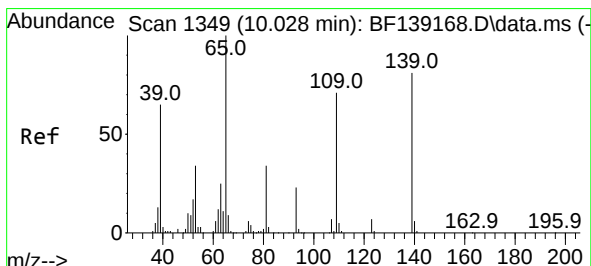
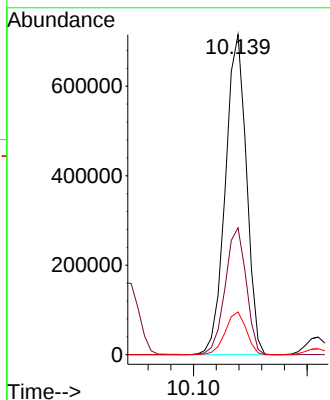
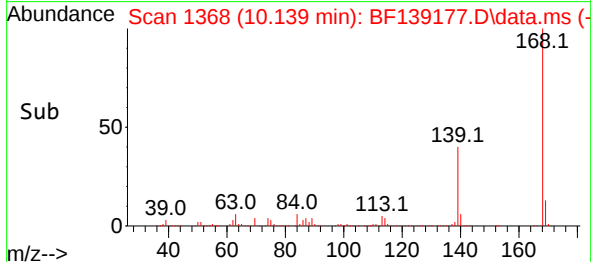
Instrument :
BNA_F
ClientSampleId :
PB162936BS



Tgt Ion:168 Resp: 91883
Ion Ratio Lower Upper
168 100
139 39.6 31.5 47.3
169 13.3 10.7 16.1

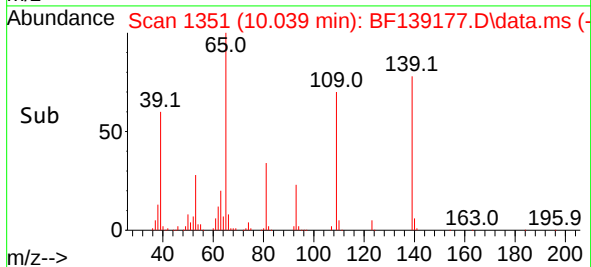
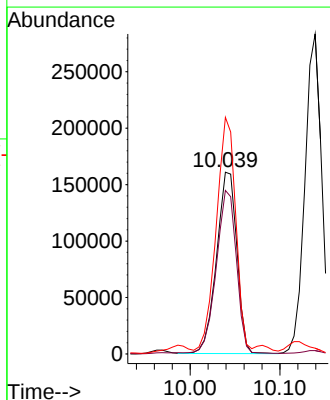
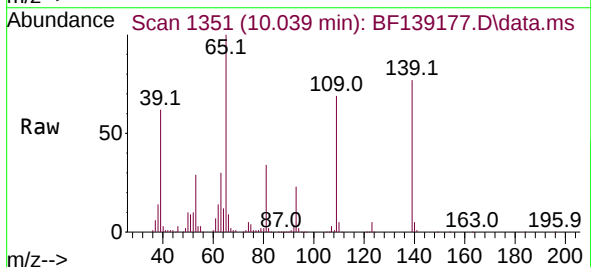
Manual Integrations
APPROVED

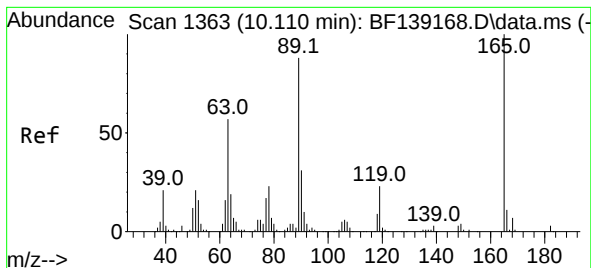
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#56
4-Nitrophenol
Concen: 85.852 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.011 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Tgt Ion:139 Resp: 252200
Ion Ratio Lower Upper
139 100
109 90.0 68.2 108.2
65 130.2 104.7 144.7





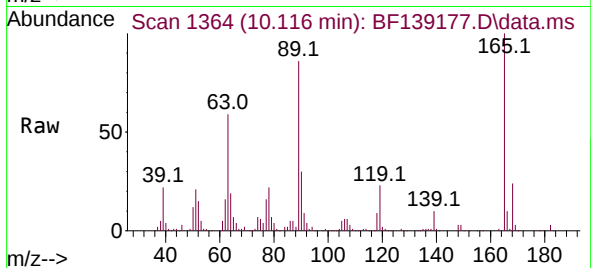
#57
2,4-Dinitrotoluene
Concen: 48.308 ng
RT: 10.116 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS

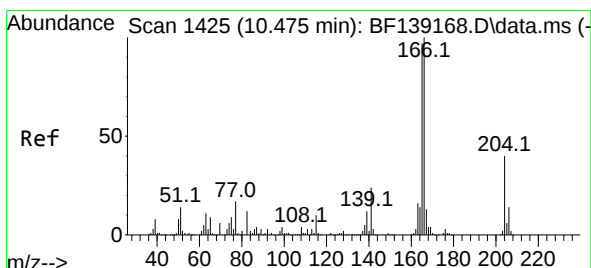
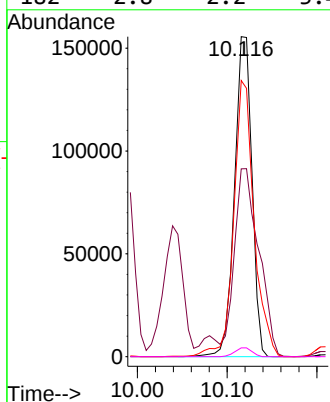
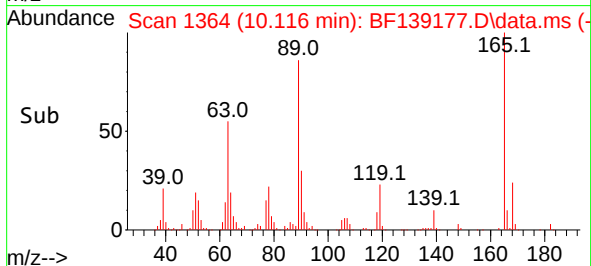


Tgt Ion:165 Resp: 210138
Ion Ratio Lower Upper
165 100
63 58.7 46.2 69.2
89 86.3 70.2 105.4
182 2.8 2.2 3.4

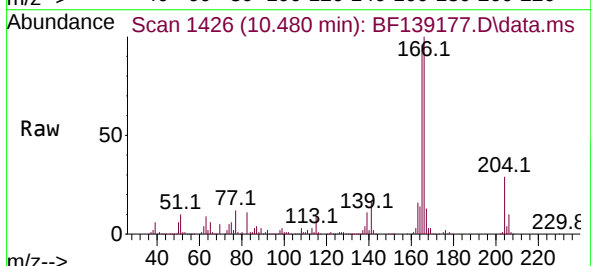
Manual Integrations

APPROVED

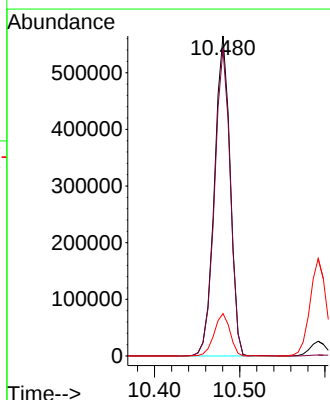
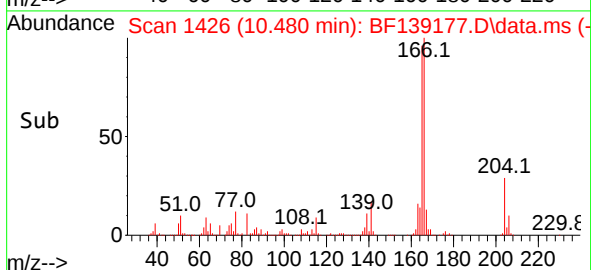
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024

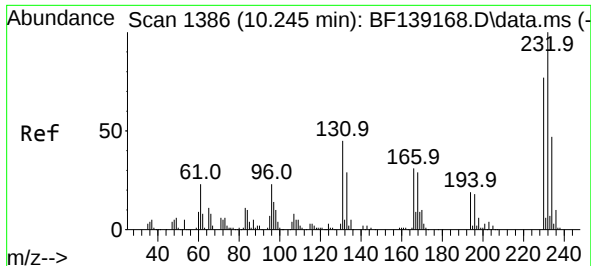


#58
Fluorene
Concen: 42.366 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03



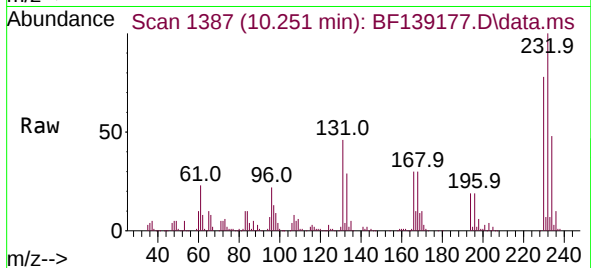
Tgt Ion:166 Resp: 722638
Ion Ratio Lower Upper
166 100
165 95.9 77.8 116.8
167 13.2 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.569 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

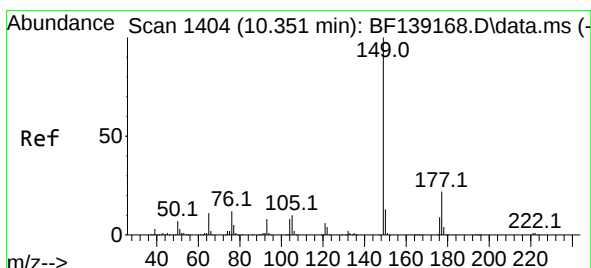
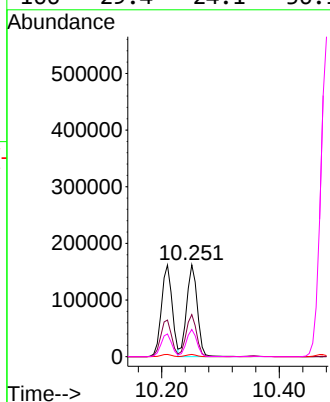
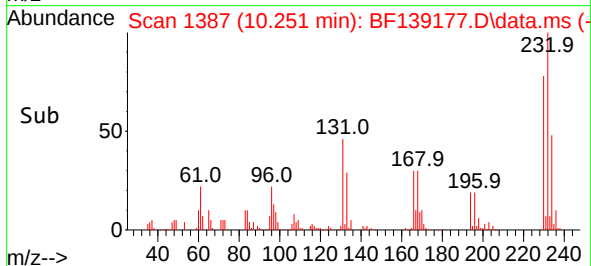
Instrument :
BNA_F
ClientSampleId :
PB162936BS



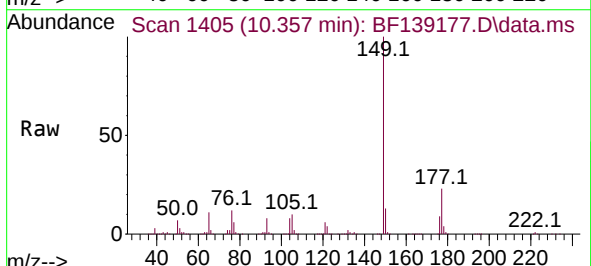
Tgt Ion:232 Resp: 202995
Ion Ratio Lower Upper
232 100
131 45.6 34.9 52.3
130 2.4 1.9 2.9
166 29.4 24.1 36.1

Manual Integrations
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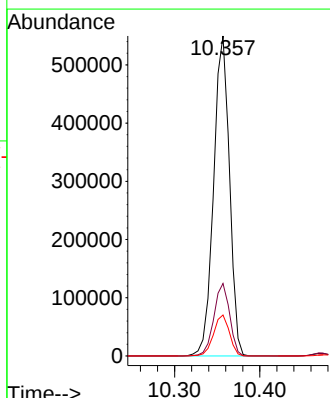
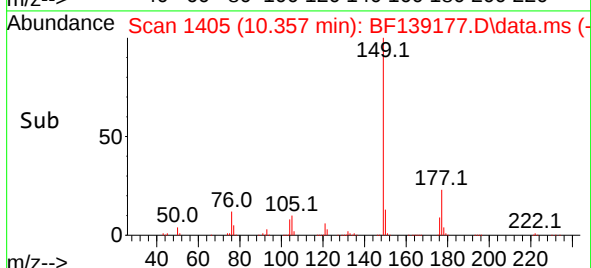
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024

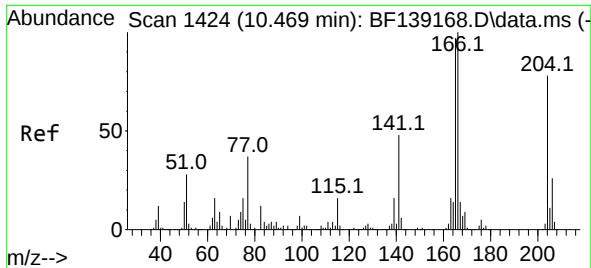


#60
Diethylphthalate
Concen: 47.114 ng
RT: 10.357 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03



Tgt Ion:149 Resp: 710293
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 12.8 10.0 15.0





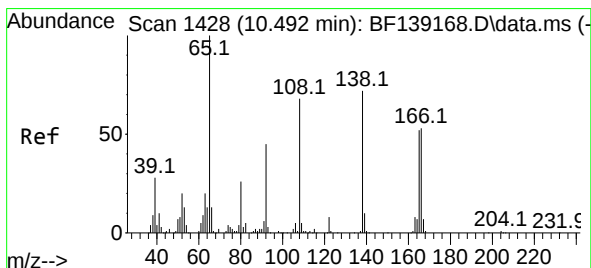
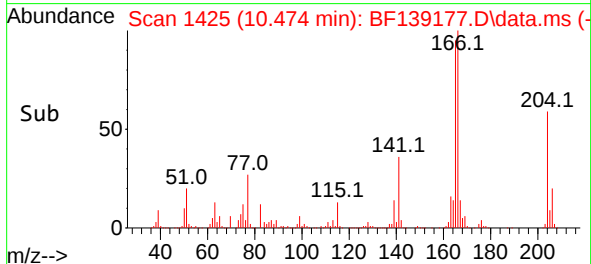
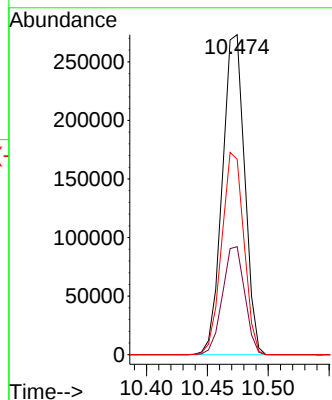
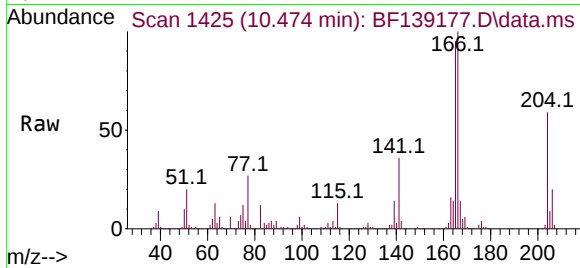
#61
4-Chlorophenyl-phenylether
Concen: 41.649 ng
RT: 10.474 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :
BNA_F
ClientSampleId :
PB162936BS

Tgt Ion:204 Resp: 348640
Ion Ratio Lower Upper
204 100
206 33.8 27.0 40.4
141 61.1 49.6 74.4

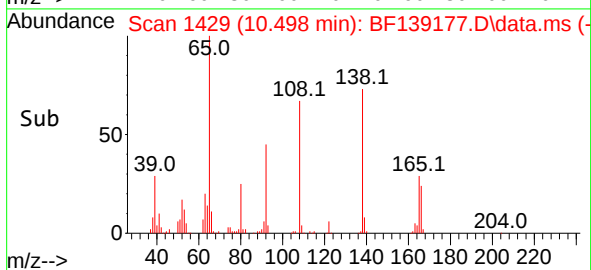
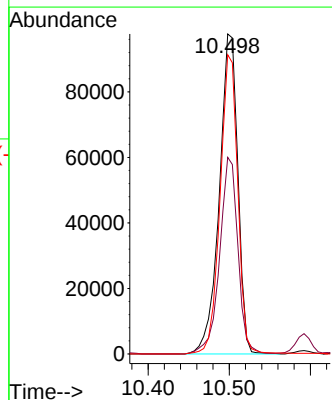
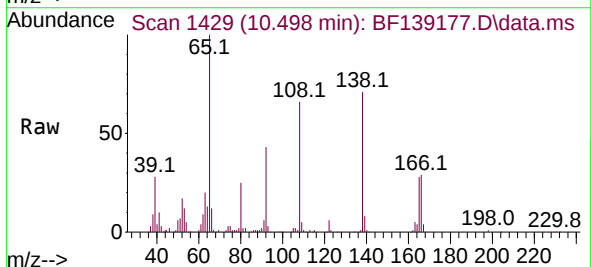
Manual Integrations
APPROVED

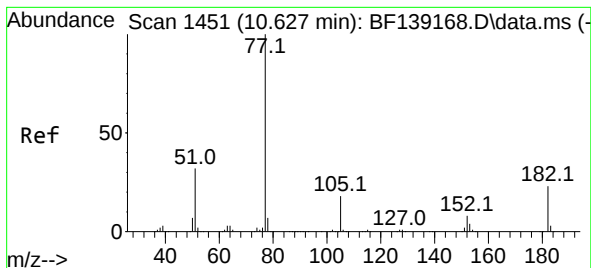
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#62
4-Nitroaniline
Concen: 44.257 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Tgt Ion:138 Resp: 155323
Ion Ratio Lower Upper
138 100
92 61.5 42.4 82.4
108 93.5 74.0 114.0





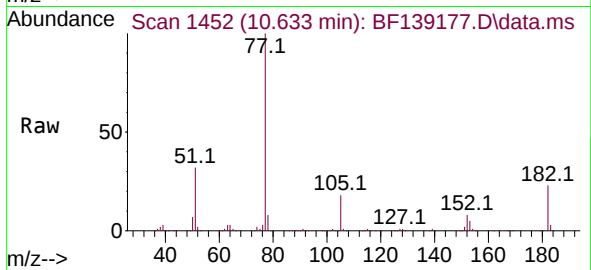
#63
Azobenzene
Concen: 44.019 ng
RT: 10.633 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS

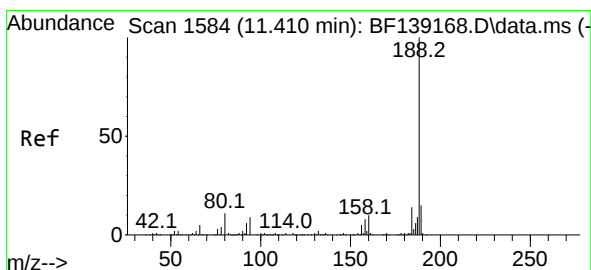
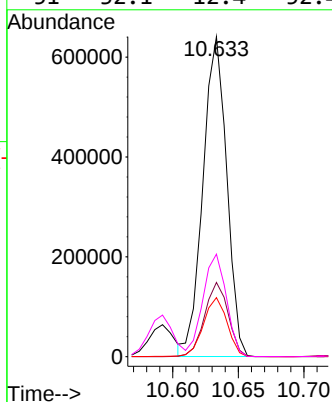
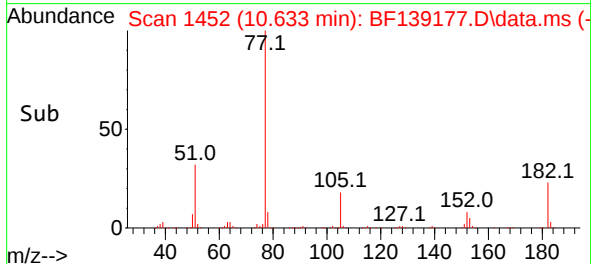


Tgt Ion: 77 Resp: 806750
Ion Ratio Lower Upper
77 100
182 23.2 2.4 42.4
105 18.5 0.0 38.2
51 32.1 12.4 52.4

Manual Integrations

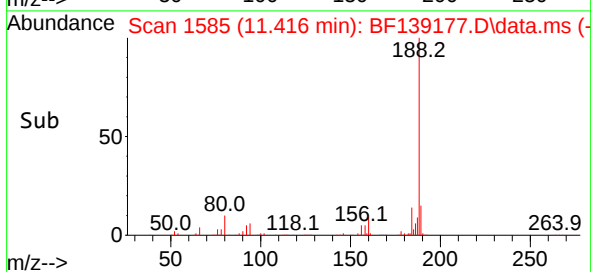
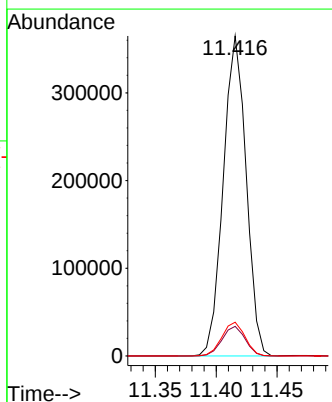
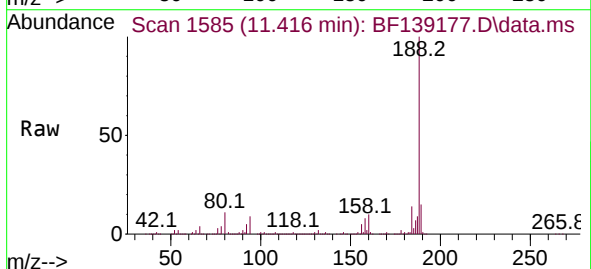
APPROVED

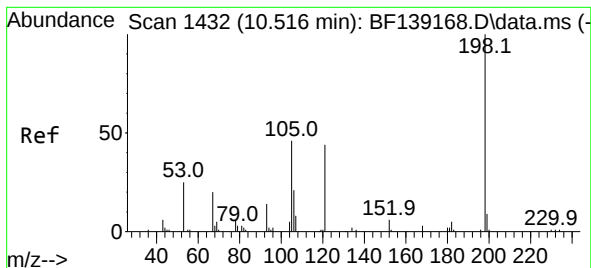
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Tgt Ion:188 Resp: 477644
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.6 8.9 13.3





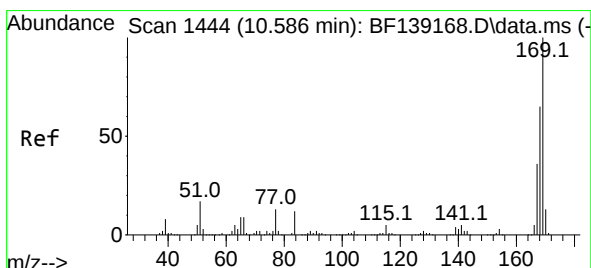
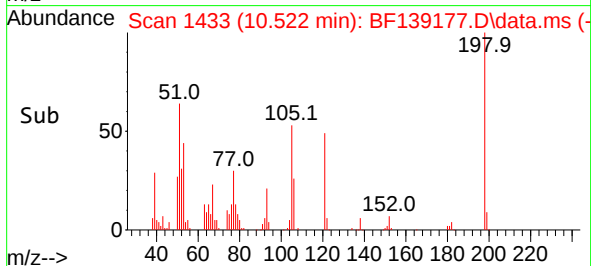
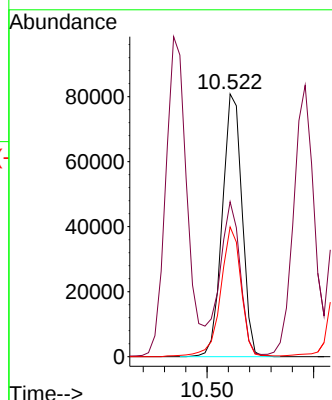
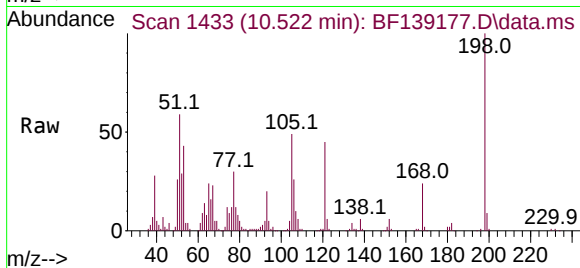
#65
4,6-Dinitro-2-methylphenol
Concen: 54.020 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :
BNA_F
ClientSampleId :
PB162936BS

Tgt Ion:198 Resp: 10341
Ion Ratio Lower Upper
198 100
51 59.0 39.2 79.2
105 49.4 29.3 69.3

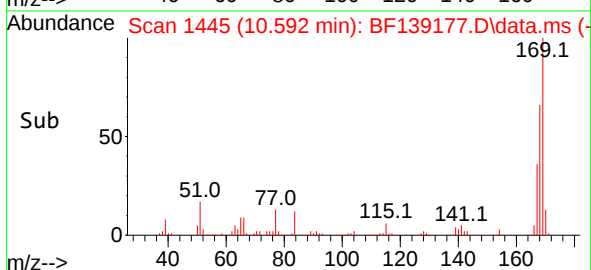
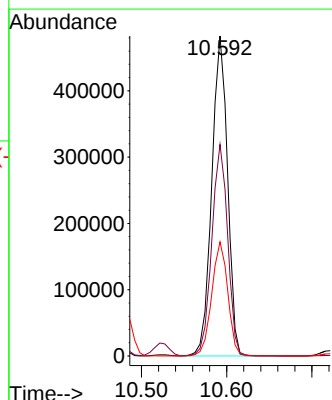
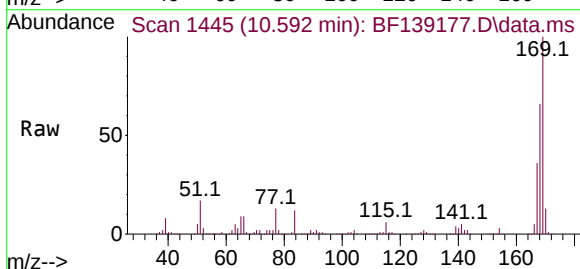
Manual Integrations
APPROVED

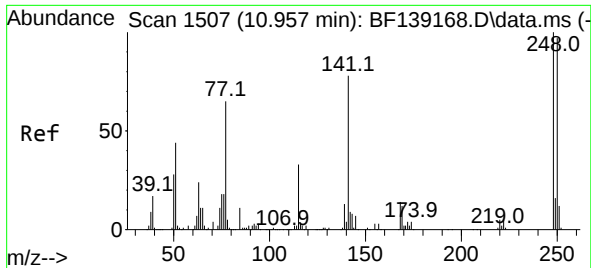
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#66
n-Nitrosodiphenylamine
Concen: 43.803 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

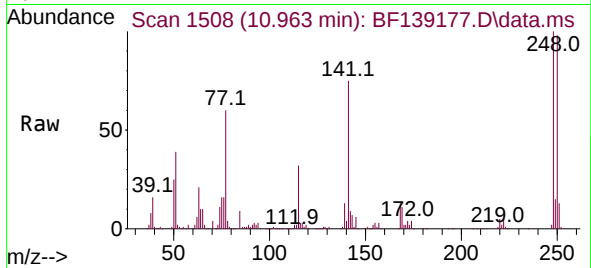
Tgt Ion:169 Resp: 619635
Ion Ratio Lower Upper
169 100
168 66.1 52.3 78.5
167 35.7 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 43.139 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

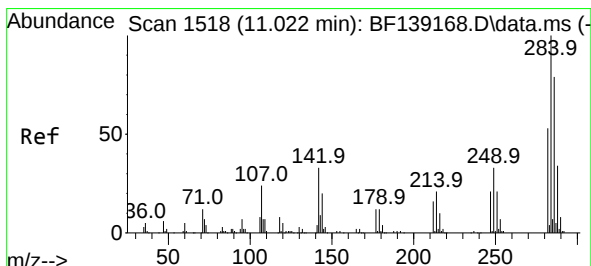
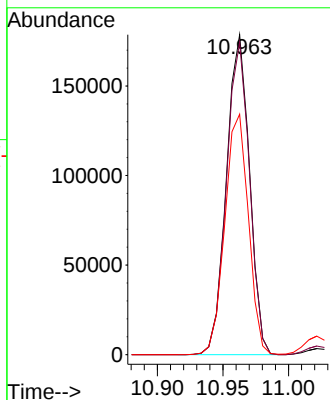
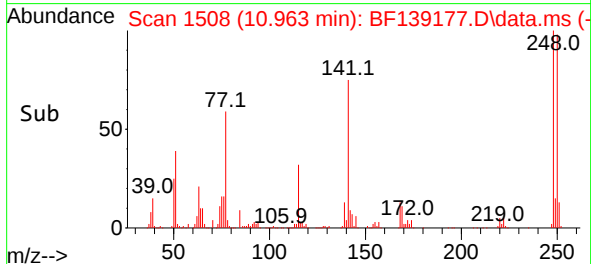
Instrument :
BNA_F
ClientSampleId :
PB162936BS



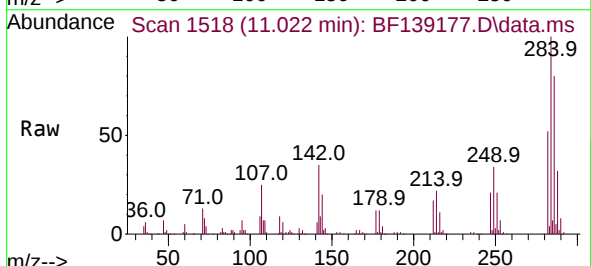
Tgt Ion:248 Resp: 218933
Ion Ratio Lower Upper
248 100
250 97.6 78.0 117.0
141 75.2 62.6 94.0

Manual Integrations
APPROVED

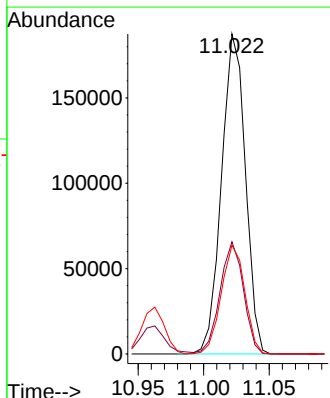
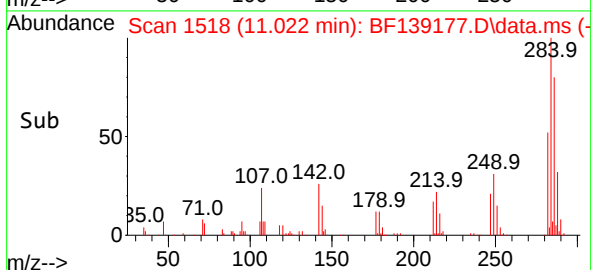
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024

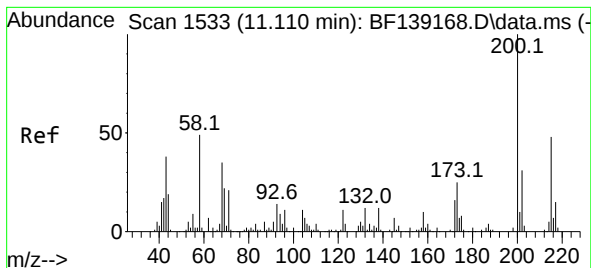


#68
Hexachlorobenzene
Concen: 43.212 ng
RT: 11.022 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03



Tgt Ion:284 Resp: 237335
Ion Ratio Lower Upper
284 100
142 35.1 26.6 40.0
249 34.0 26.5 39.7





#69

Atrazine

Concen: 50.435 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139177.D

Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS

Tgt Ion:200 Resp: 155614

Ion Ratio Lower Upper

200 100

173 25.6 4.7 44.7

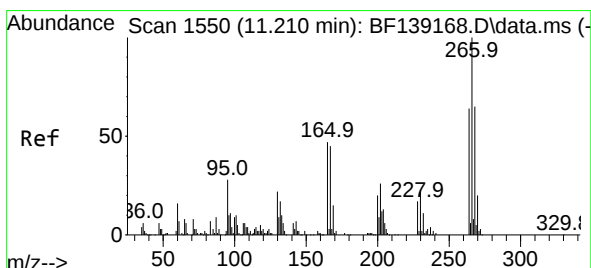
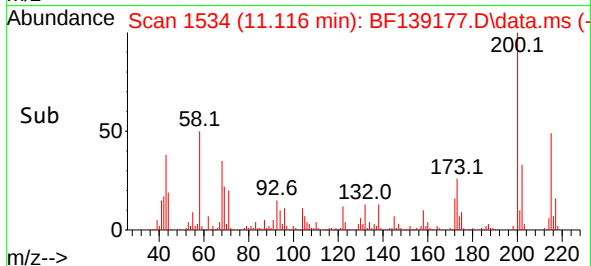
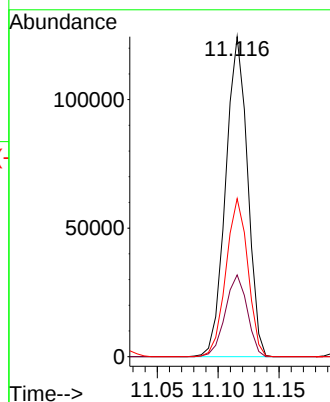
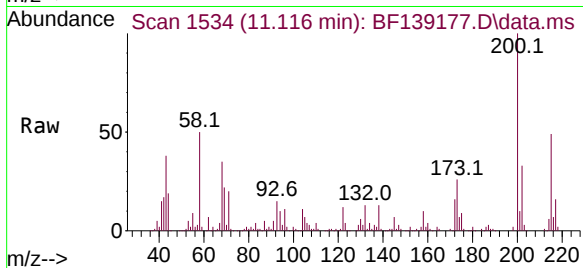
215 49.4 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2024

Supervised By :mohammad ahmed 08/28/2024



#70

Pentachlorophenol

Concen: 91.725 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139177.D

Acq: 27 Aug 2024 10:03

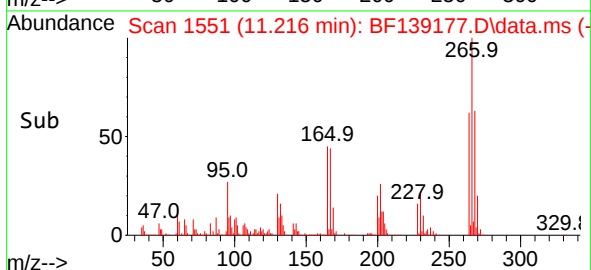
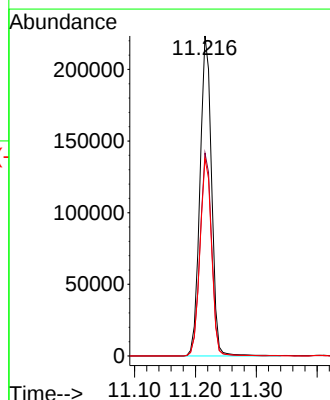
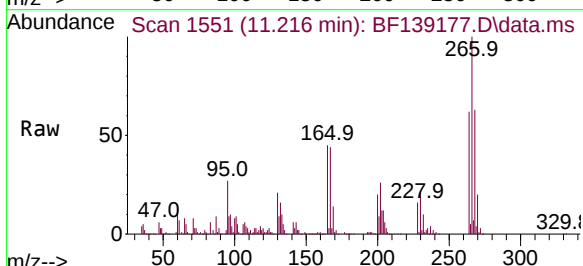
Tgt Ion:266 Resp: 295777

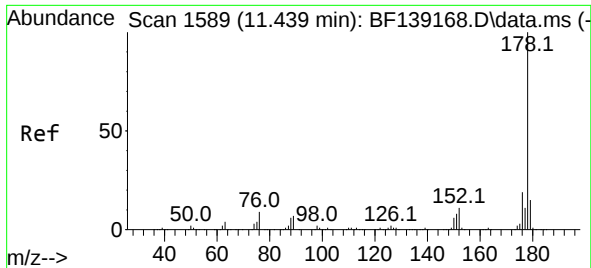
Ion Ratio Lower Upper

266 100

268 63.4 51.8 77.8

264 61.7 51.0 76.6





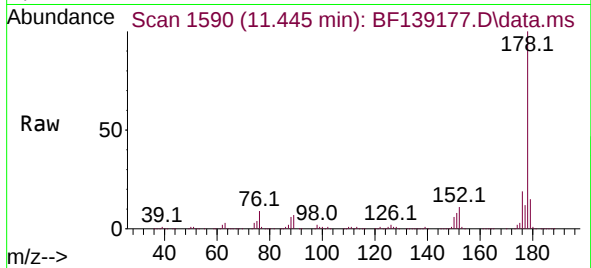
#71
Phenanthrene
Concen: 44.037 ng
RT: 11.445 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS



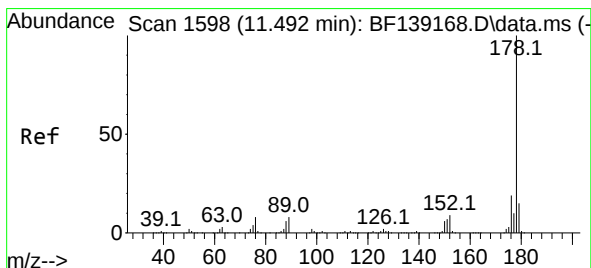
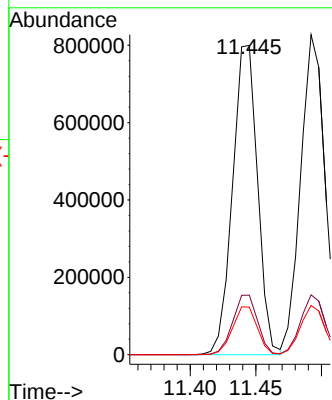
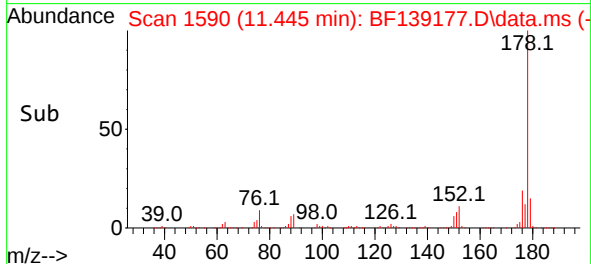
Tgt Ion:178 Resp: 1062928
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.4 12.2 18.4

Manual Integrations

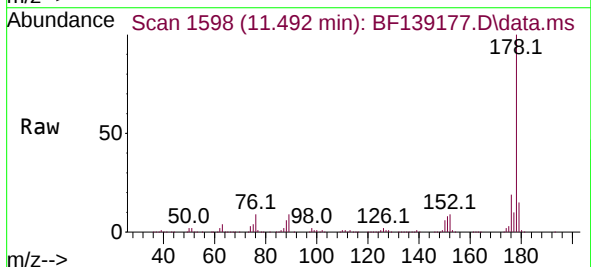
APPROVED

Reviewed By :Yogesh Patel 08/28/2024

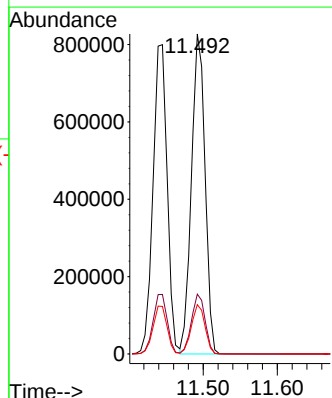
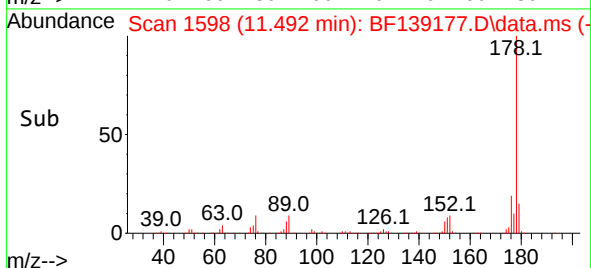
Supervised By :mohammad ahmed 08/28/2024

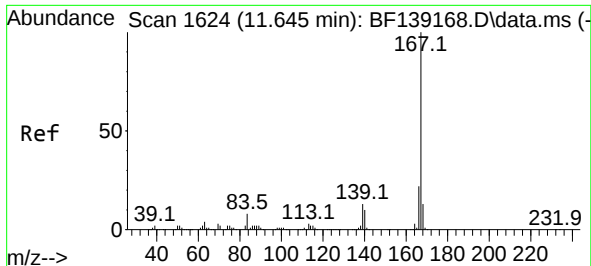


#72
Anthracene
Concen: 44.769 ng
RT: 11.492 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03



Tgt Ion:178 Resp: 1053342
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.4 12.3 18.5





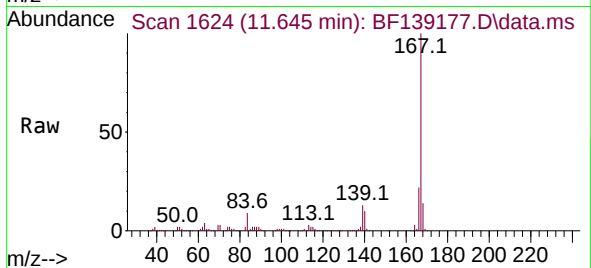
#73
 Carbazole
 Concen: 44.372 ng
 RT: 11.645 min Scan# 1624
 Delta R.T. -0.000 min
 Lab File: BF139177.D
 Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS

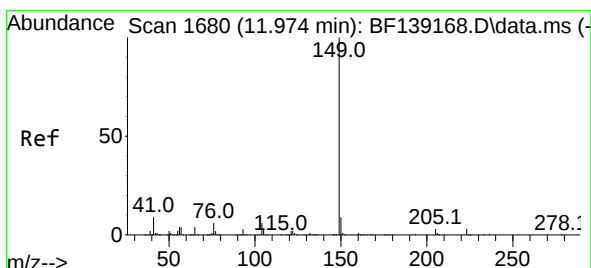
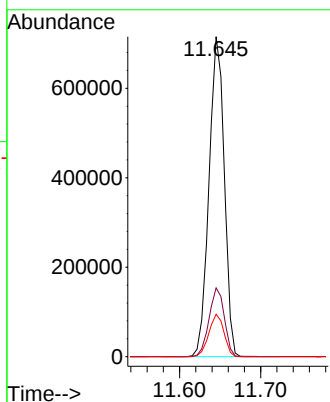
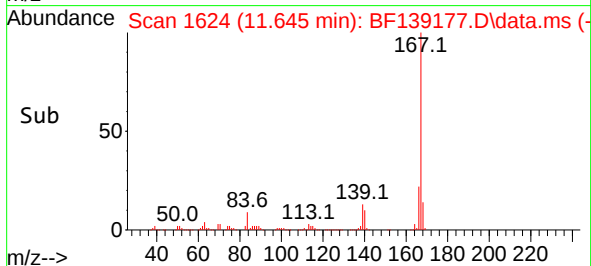


Tgt Ion:167 Resp: 93391
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 13.2 10.3 15.5

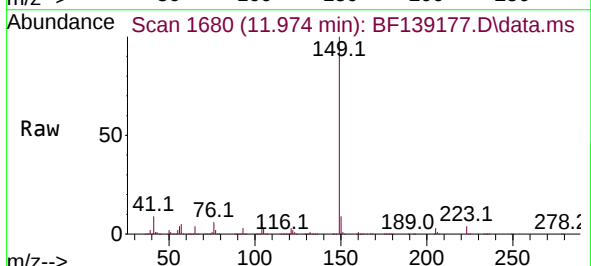
Manual Integrations

APPROVED

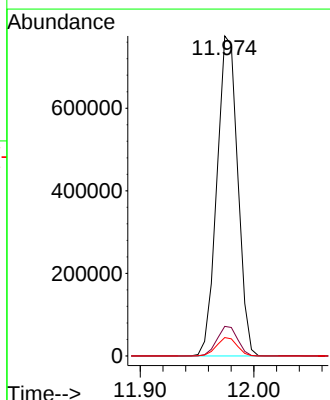
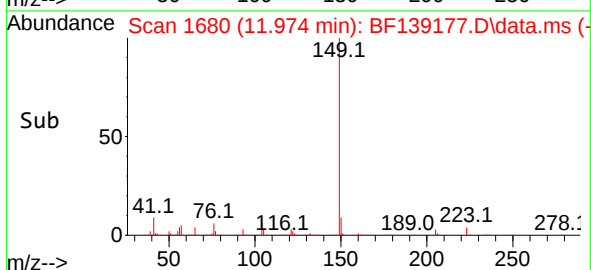
Reviewed By :Yogesh Patel 08/28/2024
 Supervised By :mohammad ahmed 08/28/2024

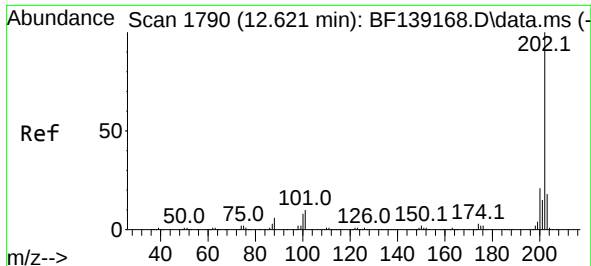


#74
 Di-n-butylphthalate
 Concen: 54.100 ng
 RT: 11.974 min Scan# 1680
 Delta R.T. -0.000 min
 Lab File: BF139177.D
 Acq: 27 Aug 2024 10:03



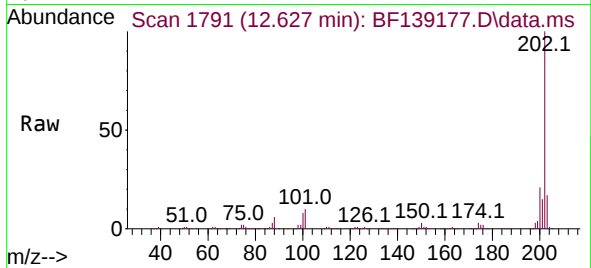
Tgt Ion:149 Resp: 986909
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.8 4.4 6.6





#75
Fluoranthene
Concen: 44.132 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

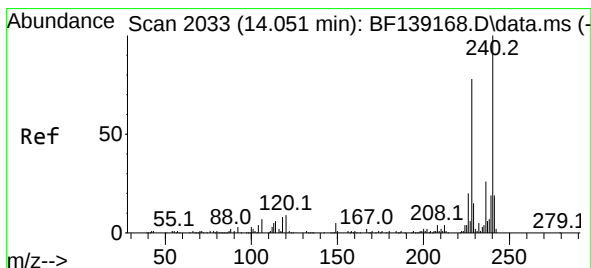
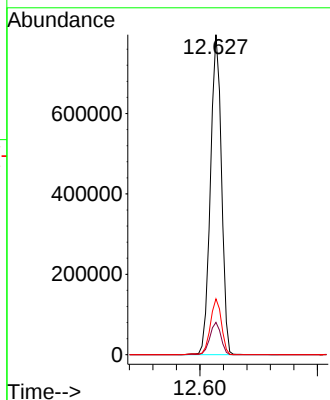
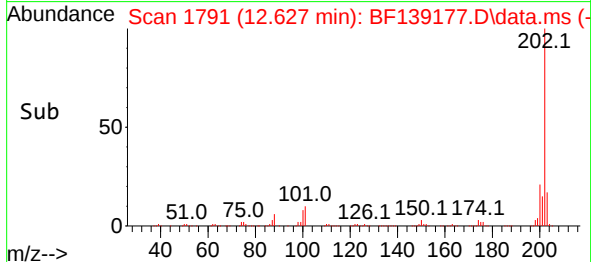
Instrument :
BNA_F
ClientSampleId :
PB162936BS



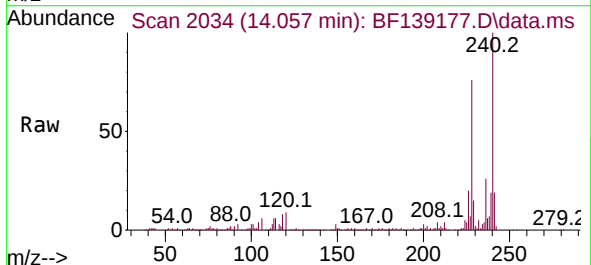
Tgt Ion:202 Resp: 103374
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.1
203 17.5 0.0 37.6

Manual Integrations
APPROVED

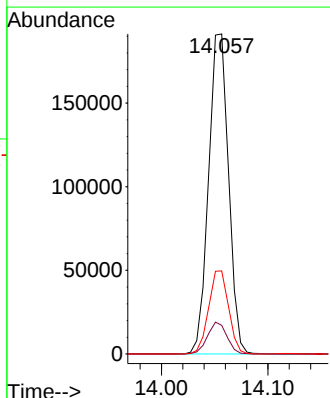
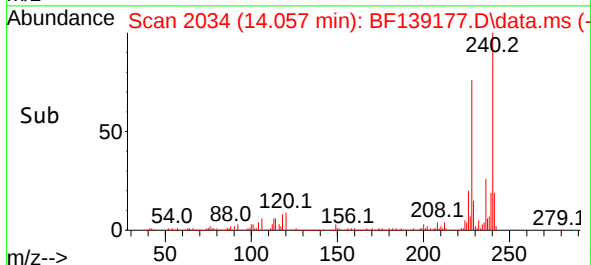
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024

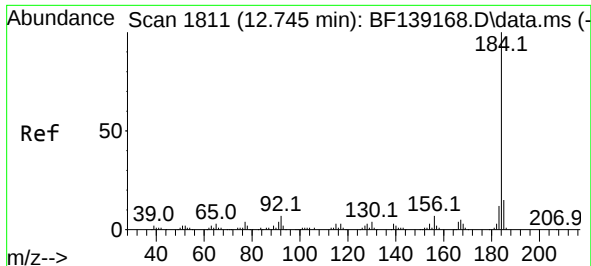


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03



Tgt Ion:240 Resp: 249114
Ion Ratio Lower Upper
240 100
120 9.0 6.9 10.3
236 25.9 20.9 31.3





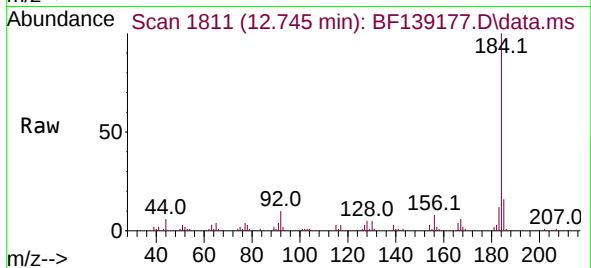
#77
Benzidine
Concen: 6.122 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS

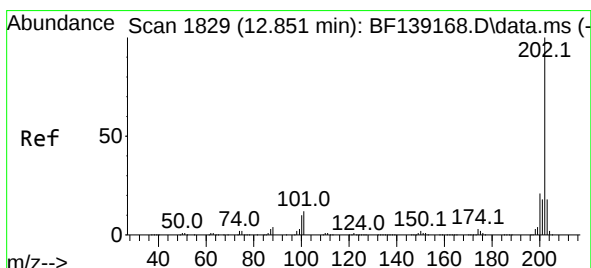
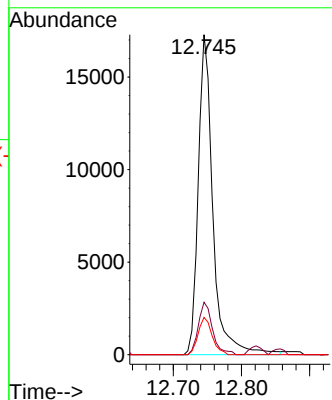
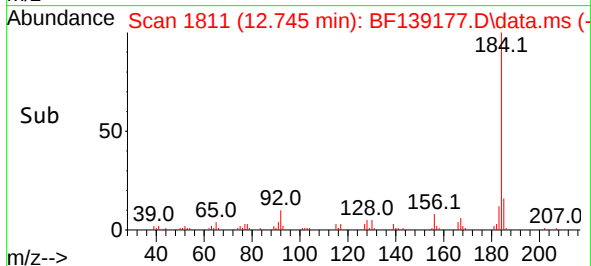


Tgt Ion:184 Resp: 25738
Ion Ratio Lower Upper
184 100
185 16.4 12.1 18.1
183 11.7 9.4 14.0

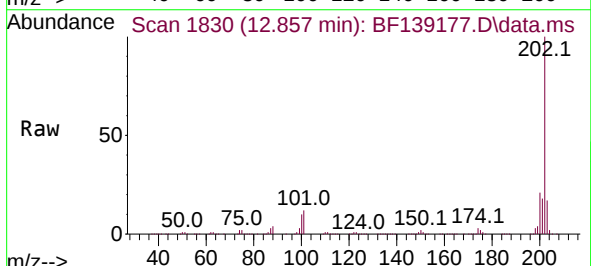
Manual Integrations

APPROVED

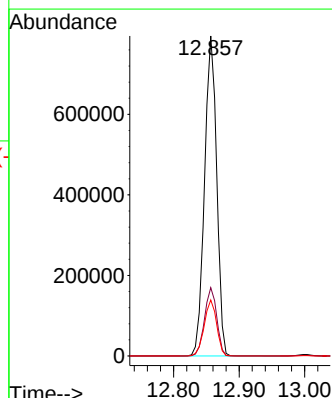
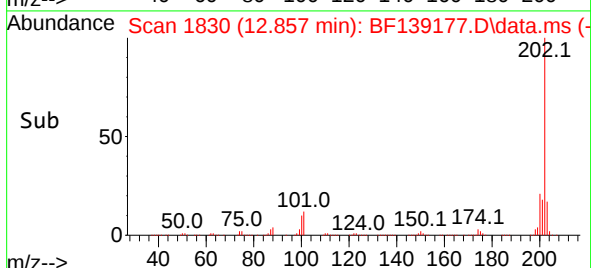
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024

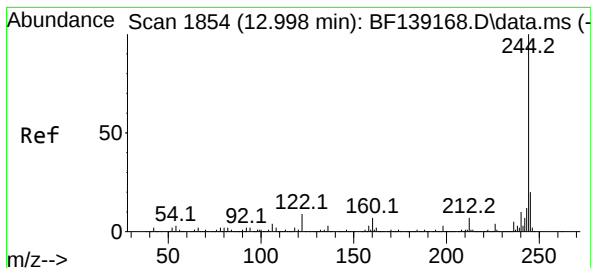


#78
Pyrene
Concen: 43.862 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03



Tgt Ion:202 Resp: 1026382
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 88.447 ng

RT: 12.998 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF139177.D

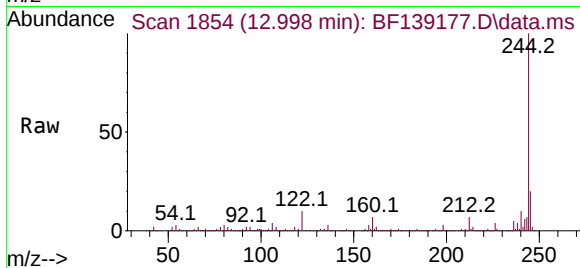
Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS



Tgt Ion:244 Resp: 1412100

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

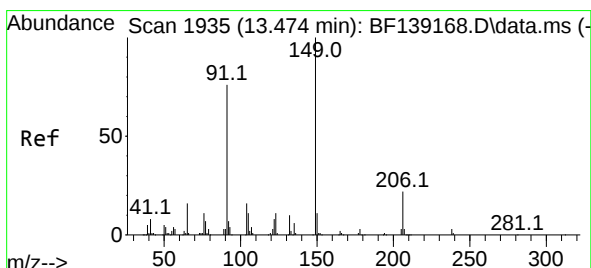
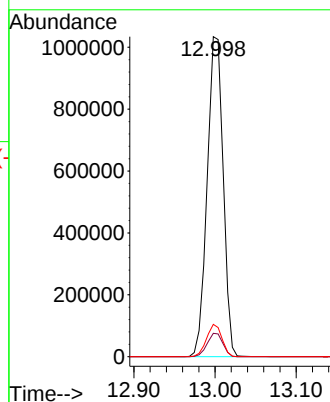
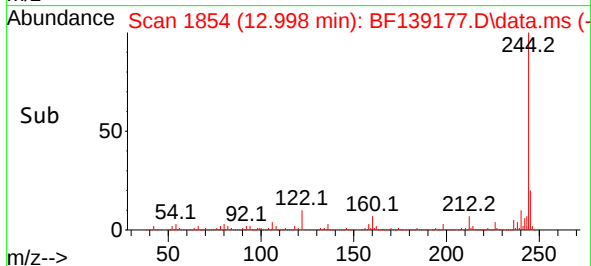
122 10.1 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2024

Supervised By :mohammad ahmed 08/28/2024



#80

Butylbenzylphthalate

Concen: 54.156 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139177.D

Acq: 27 Aug 2024 10:03

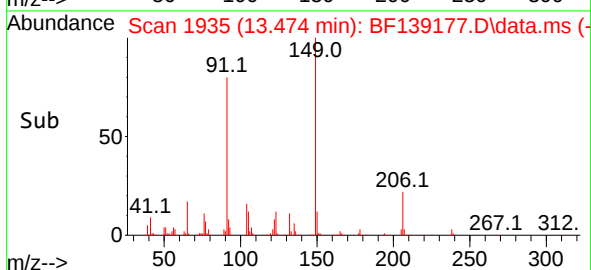
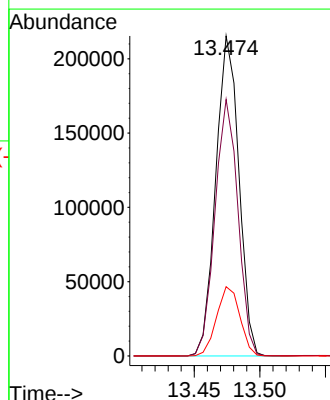
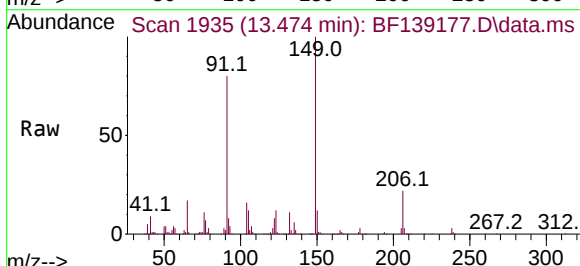
Tgt Ion:149 Resp: 263391

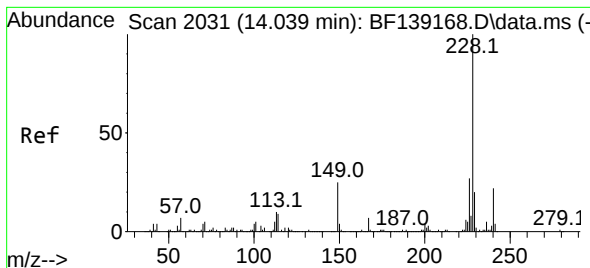
Ion Ratio Lower Upper

149 100

91 80.1 60.9 91.3

206 21.7 17.7 26.5





#81

Benzo(a)anthracene

Concen: 45.710 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139177.D

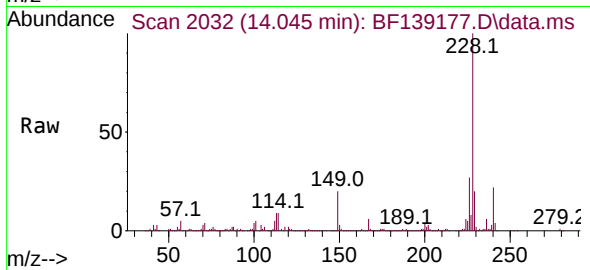
Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS



Tgt Ion:228 Resp: 75448

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.2

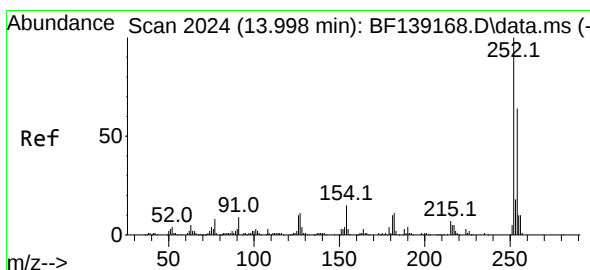
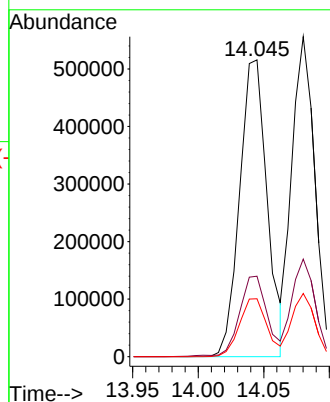
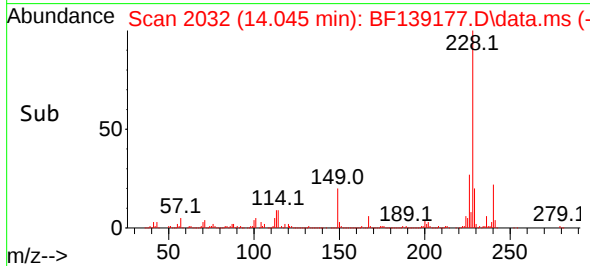
229 19.5 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2024

Supervised By :mohammad ahmed 08/28/2024



#82

3,3'-Dichlorobenzidine

Concen: 42.355 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF139177.D

Acq: 27 Aug 2024 10:03

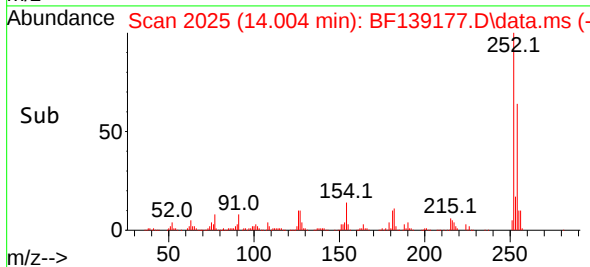
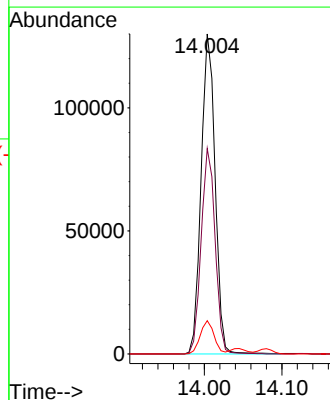
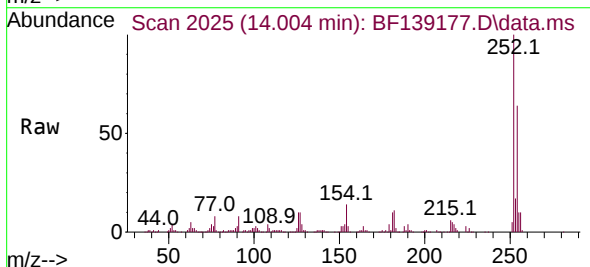
Tgt Ion:252 Resp: 162770

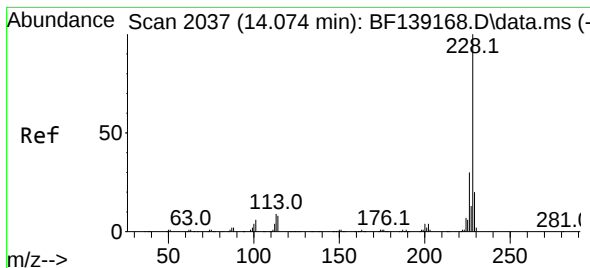
Ion Ratio Lower Upper

252 100

254 64.2 51.4 77.0

126 10.4 8.2 12.2





#83

Chrysene

Concen: 45.172 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF139177.D

Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS

Tgt Ion:228 Resp: 67258

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.6

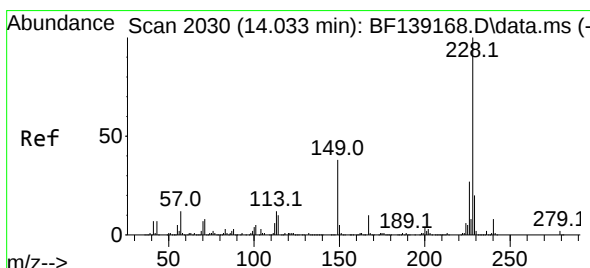
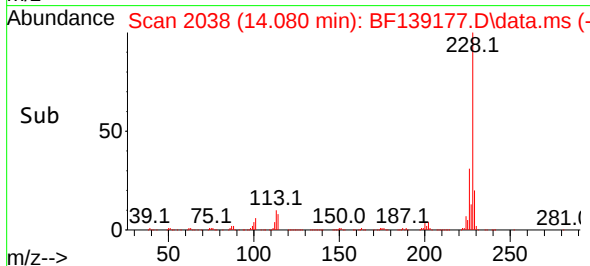
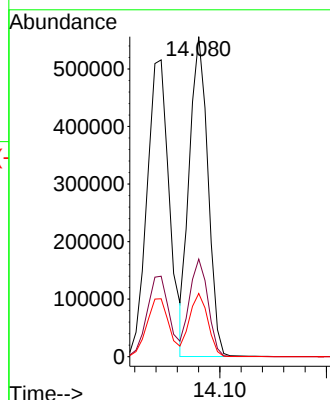
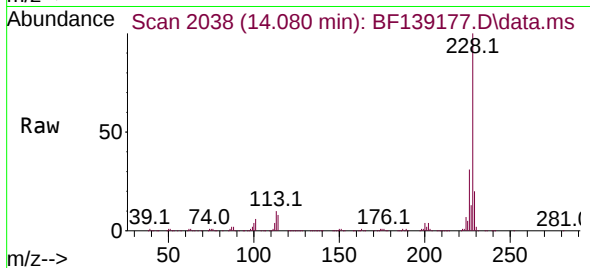
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2024

Supervised By :mohammad ahmed 08/28/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.291 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139177.D

Acq: 27 Aug 2024 10:03

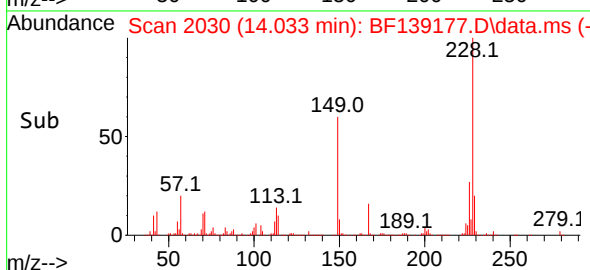
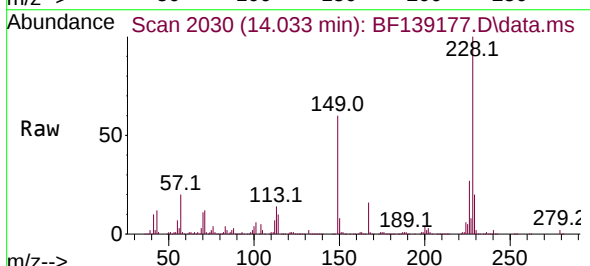
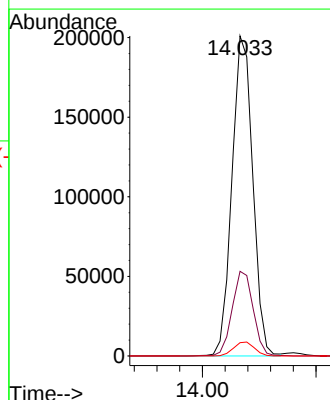
Tgt Ion:149 Resp: 255315

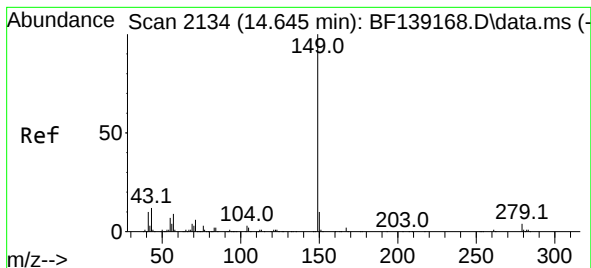
Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 42.859 ng

RT: 14.651 min Scan# 2134

Delta R.T. 0.006 min

Lab File: BF139177.D

Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS

Tgt Ion:149 Resp: 45977

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

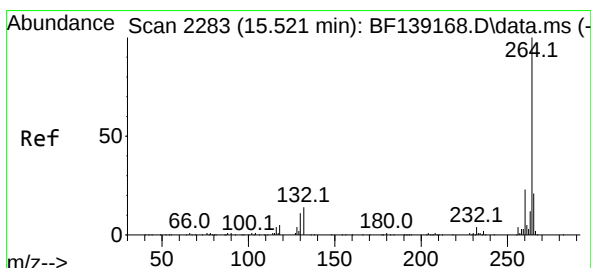
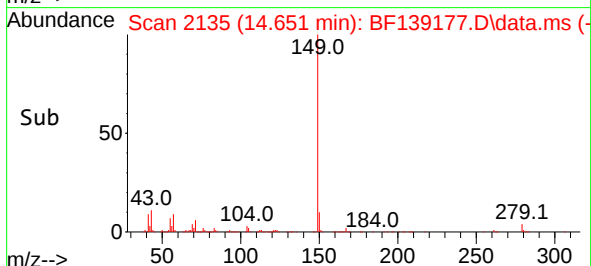
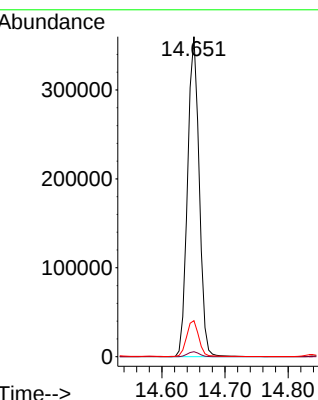
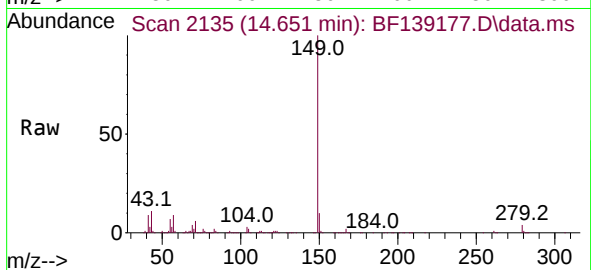
43 11.7 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2024

Supervised By :mohammad ahmed 08/28/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.006 min

Lab File: BF139177.D

Acq: 27 Aug 2024 10:03

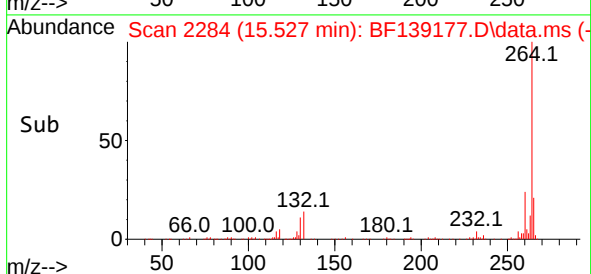
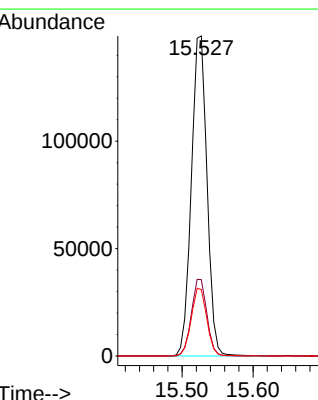
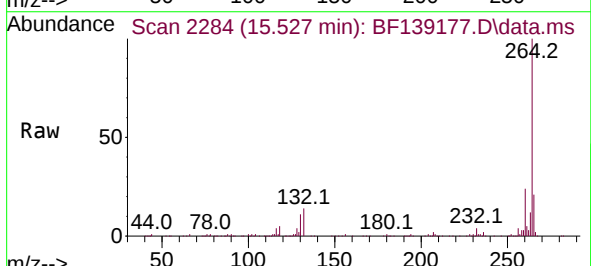
Tgt Ion:264 Resp: 229045

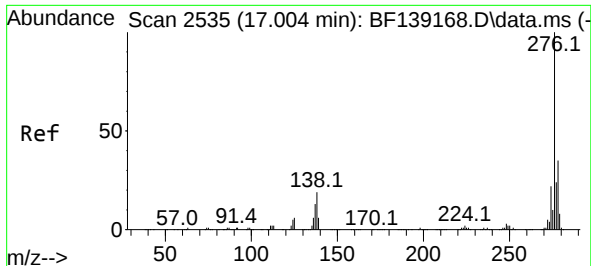
Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 20.8 17.0 25.6





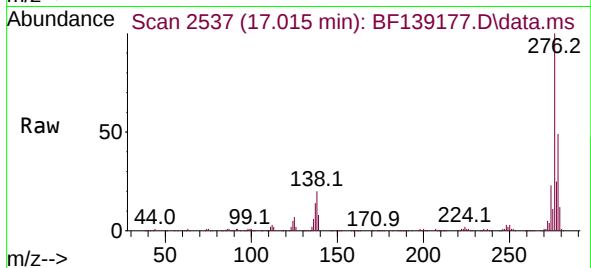
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.812 ng
RT: 17.015 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS

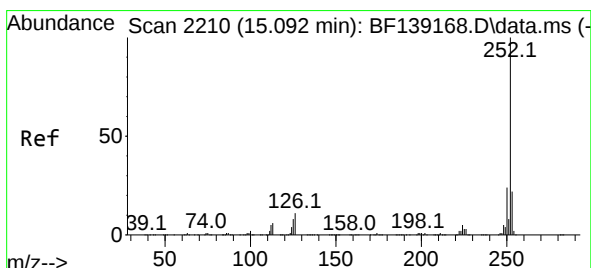
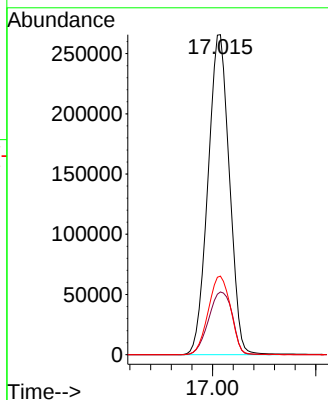
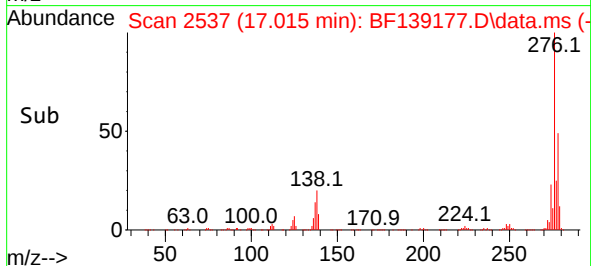


Tgt Ion:276 Resp: 764454
Ion Ratio Lower Upper
276 100
138 21.8 17.4 26.2
277 25.7 20.3 30.5

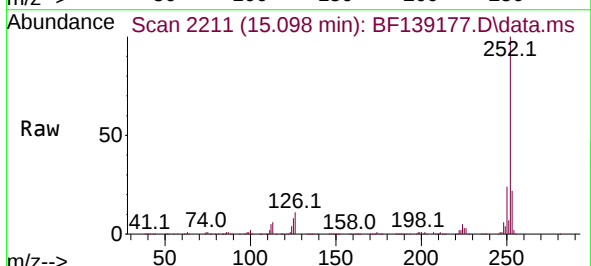
Manual Integrations

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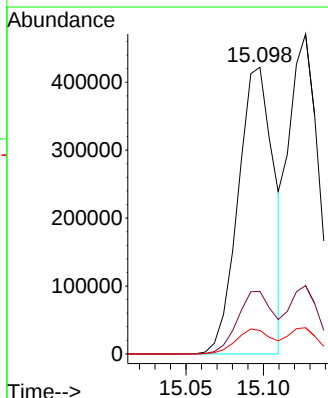
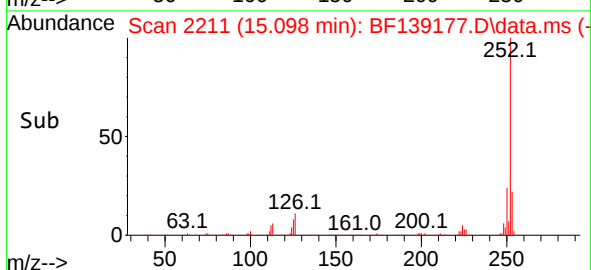
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024

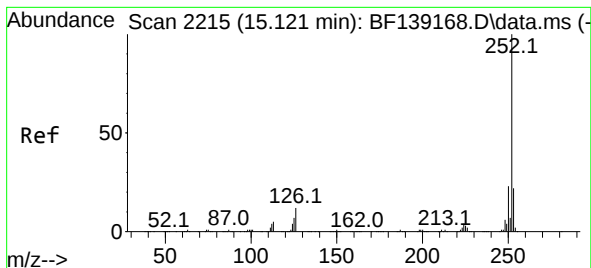


#88
Benzo(b)fluoranthene
Concen: 50.316 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.006 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03



Tgt Ion:252 Resp: 674163
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 8.2 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 51.738 ng

RT: 15.127 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139177.D

Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

ClientSampleId :

PB162936BS

Tgt Ion:252 Resp: 62672

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.6

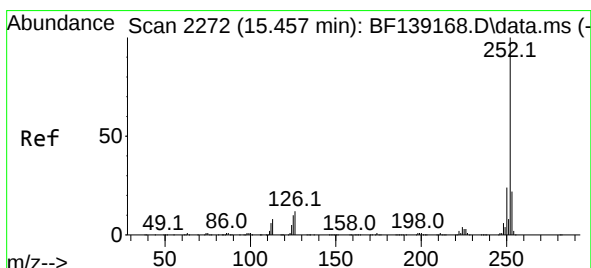
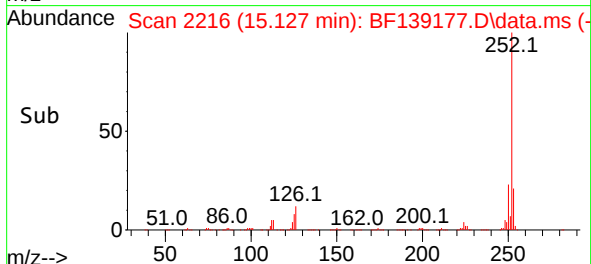
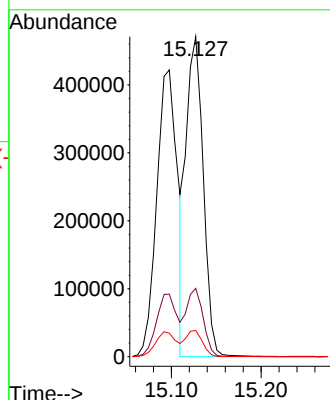
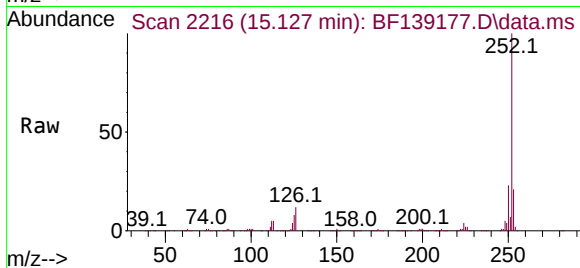
125 8.2 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2024

Supervised By :mohammad ahmed 08/28/2024



#90

Benzo(a)pyrene

Concen: 53.832 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.012 min

Lab File: BF139177.D

Acq: 27 Aug 2024 10:03

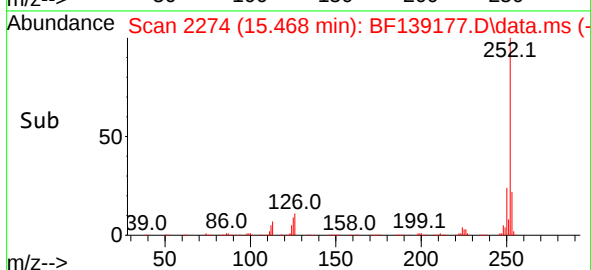
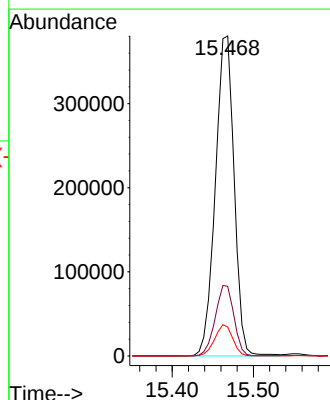
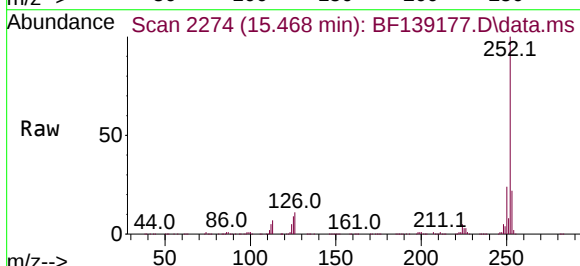
Tgt Ion:252 Resp: 612214

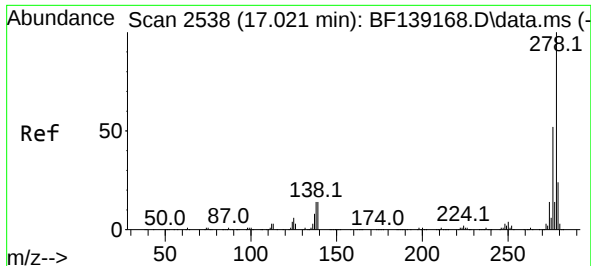
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 9.0 7.8 11.6





#91
Dibenzo(a,h)anthracene
Concen: 49.056 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Instrument :

BNA_F

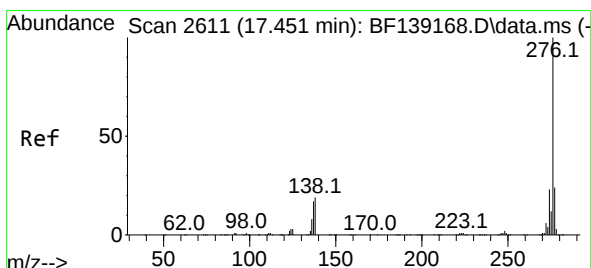
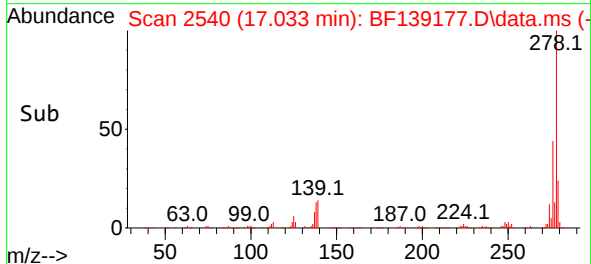
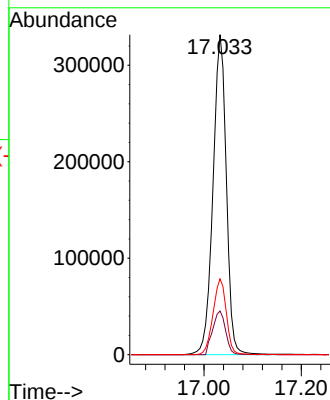
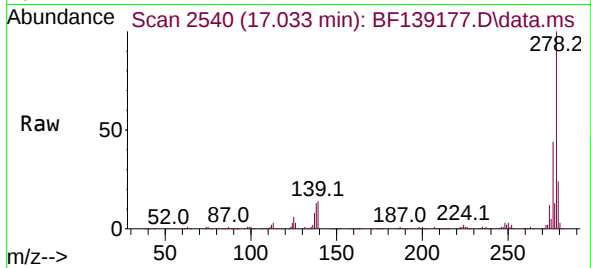
ClientSampleId :

PB162936BS

Tgt Ion:278 Resp: 62970
Ion Ratio Lower Upper
278 100
139 13.7 11.2 16.8
279 23.7 19.4 29.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#92
Benzo(g,h,i)perylene
Concen: 45.271 ng
RT: 17.462 min Scan# 2613
Delta R.T. 0.012 min
Lab File: BF139177.D
Acq: 27 Aug 2024 10:03

Tgt Ion:276 Resp: 601083
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 18.3 15.0 22.6

