

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
 Data File : BF139717.D
 Acq On : 09 Oct 2024 12:37
 Operator : RC/JU
 Sample : PB163987BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163987BS

Manual Integrations
 APPROVED

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

Quant Time: Oct 09 13:24:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	104485	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	400008	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	224940	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	413544	20.000	ng	0.00
76) Chrysene-d12	14.033	240	217053	20.000	ng	0.00
86) Perylene-d12	15.498	264	191631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	729061	120.940	ng	0.01
7) Phenol-d6	6.504	99	968443	119.461	ng	0.00
23) Nitrobenzene-d5	7.434	82	638798	80.855	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	258150	118.885	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1173602	80.097	ng	0.00
79) Terphenyl-d14	12.974	244	1214499	91.811	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	104480	40.088	ng	98
3) Pyridine	3.481	79	273647	43.171	ng	96
4) n-Nitrosodimethylamine	3.440	42	184454	44.457	ng	95
6) Aniline	6.534	93	336422	46.766	ng	99
8) 2-Chlorophenol	6.651	128	312837	48.437	ng	99
9) Benzaldehyde	6.416	77	91840	21.386	ng	99
10) Phenol	6.522	94	403706	47.360	ng	86
11) bis(2-Chloroethyl)ether	6.604	93	307090	44.246	ng	99
12) 1,3-Dichlorobenzene	6.810	146	320353	44.091	ng	98
13) 1,4-Dichlorobenzene	6.887	146	323573	43.971	ng	100
14) 1,2-Dichlorobenzene	7.034	146	310110	44.965	ng	100
15) Benzyl Alcohol	7.010	79	289655	46.763	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	553465	46.063	ng	88
17) 2-Methylphenol	7.128	107	253548	47.025	ng	97
18) Hexachloroethane	7.375	117	122647	44.684	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	237354	45.540	ng	98
20) 3+4-Methylphenols	7.281	107	315248	46.549	ng	95
22) Acetophenone	7.275	105	424407	44.698	ng	98
24) Nitrobenzene	7.451	77	357513	43.700	ng	100
25) Isophorone	7.692	82	641309	45.702	ng	100
26) 2-Nitrophenol	7.769	139	169185	48.105	ng	97
27) 2,4-Dimethylphenol	7.804	122	244533m	56.795	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	383155	45.727	ng	99
29) 2,4-Dichlorophenol	8.010	162	263303	46.885	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	276505	43.537	ng	99
31) Naphthalene	8.169	128	919925	44.980	ng	99
32) Benzoic acid	7.939	122	195543	45.675	ng	98
33) 4-Chloroaniline	8.222	127	128409	18.549	ng	99
34) Hexachlorobutadiene	8.287	225	176947	43.053	ng	99
35) Caprolactam	8.598	113	88052m	47.803	ng	
36) 4-Chloro-3-methylphenol	8.710	107	293043	46.096	ng	99
37) 2-Methylnaphthalene	8.863	142	600934	45.115	ng	100
38) 1-Methylnaphthalene	8.963	142	558992	42.933	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	283250	45.347	ng	98
41) Hexachlorocyclopentadiene	9.010	237	329542	172.060	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	193358	45.920	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	208896	46.002	ng	97
46) 1,1'-Biphenyl	9.328	154	752616	44.985	ng	100
47) 2-Chloronaphthalene	9.351	162	562110	44.817	ng	99
48) 2-Nitroaniline	9.451	65	211681	47.016	ng	99
49) Acenaphthylene	9.769	152	918492	48.154	ng	99
50) Dimethylphthalate	9.628	163	683086	46.390	ng	100
51) 2,6-Dinitrotoluene	9.692	165	151076	45.419	ng	95
52) Acenaphthene	9.939	154	661181m	50.494	ng	
53) 3-Nitroaniline	9.863	138	96097	28.271	ng	98
54) 2,4-Dinitrophenol	9.975	184	181071	101.209	ng	97
55) Dibenzofuran	10.110	168	839023	45.764	ng	100
56) 4-Nitrophenol	10.033	139	233418	90.048	ng	95
57) 2,4-Dinitrotoluene	10.098	165	203066	46.705	ng	99
58) Fluorene	10.457	166	661549	45.304	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	180261	49.149	ng	96
60) Diethylphthalate	10.328	149	694165	45.642	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	318262	43.565	ng	98
62) 4-Nitroaniline	10.480	138	161771	46.527	ng	97
63) Azobenzene	10.604	77	701733	45.879	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	117363	50.249	ng	94
66) n-Nitrosodiphenylamine	10.569	169	581108	47.672	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	195304	46.061	ng	98
68) Hexachlorobenzene	11.004	284	217879	46.308	ng	96
69) Atrazine	11.092	200	189237	57.861	ng	98
70) Pentachlorophenol	11.198	266	241366	86.153	ng	98
71) Phenanthrene	11.416	178	935217	47.963	ng	100
72) Anthracene	11.469	178	959005	49.714	ng	99
73) Carbazole	11.628	167	859367	46.384	ng	100
74) Di-n-butylphthalate	11.951	149	1060232	47.059	ng	99
75) Fluoranthene	12.604	202	971525	45.579	ng	99
77) Benzidine	12.727	184	323957	84.616	ng	100
78) Pyrene	12.833	202	981164	50.542	ng	99
80) Butylbenzylphthalate	13.451	149	350170	50.429	ng	97
81) Benzo(a)anthracene	14.021	228	690747	48.404	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	143956	32.962	ng	99
83) Chrysene	14.057	228	629903	48.280	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	437846	50.497	ng	99
85) Di-n-octyl phthalate	14.616	149	642140	50.410	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	630880	55.934	ng	100
88) Benzo(b)fluoranthene	15.074	252	559382	45.146	ng	99
89) Benzo(k)fluoranthene	15.104	252	509238	48.450	ng	99
90) Benzo(a)pyrene	15.439	252	507613	51.957	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	517184	55.285	ng	99
92) Benzo(g,h,i)perylene	17.427	276	481149	51.284	ng	100

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



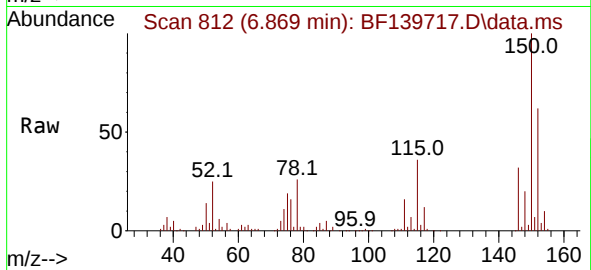
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

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BNA_F

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PB163987BS

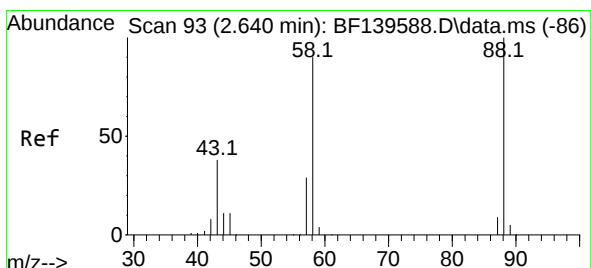
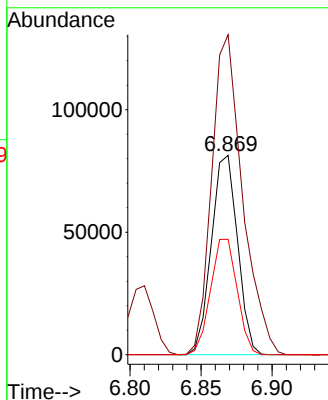
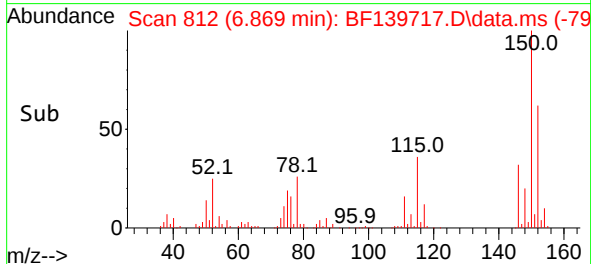


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Ion Ratio Lower Upper
152 100
150 160.5 127.2 190.8
115 57.9 49.0 73.4

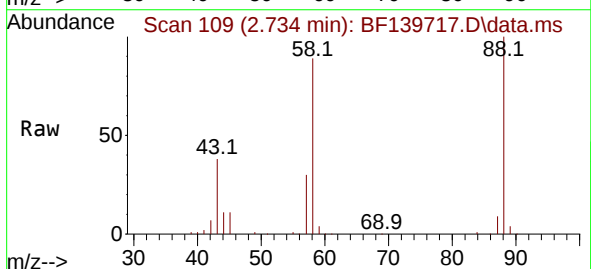
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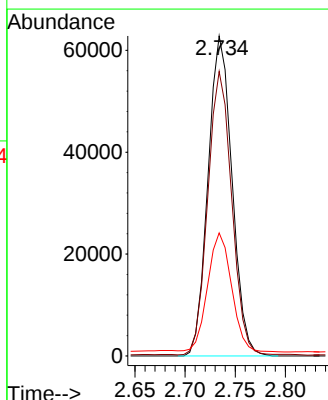
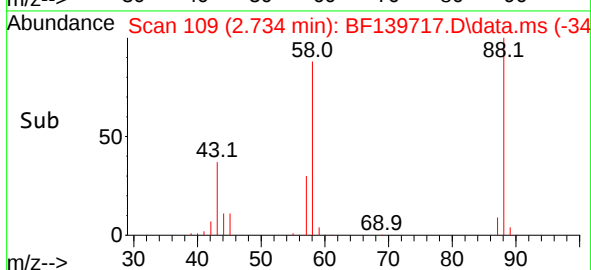
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#2
1,4-Dioxane
Concen: 40.088 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.094 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37



Tgt Ion: 88 Resp: 104480
Ion Ratio Lower Upper
88 100
58 88.6 72.0 108.0
43 37.2 30.8 46.2





#3
Pyridine
Concen: 43.171 ng
RT: 3.481 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

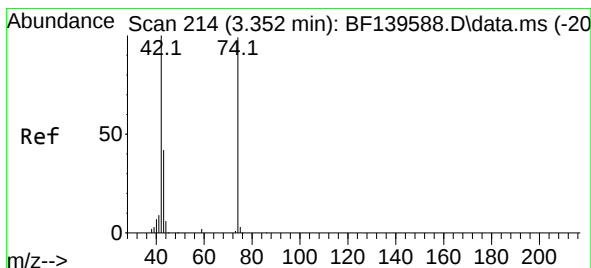
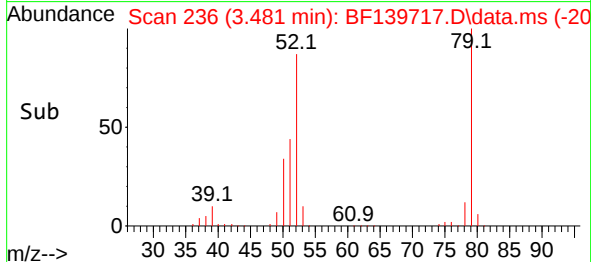
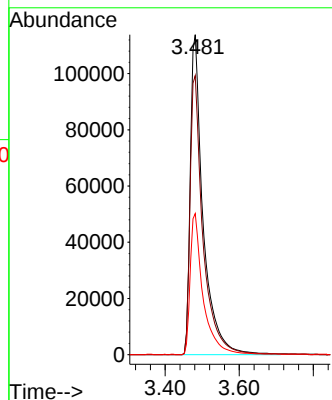
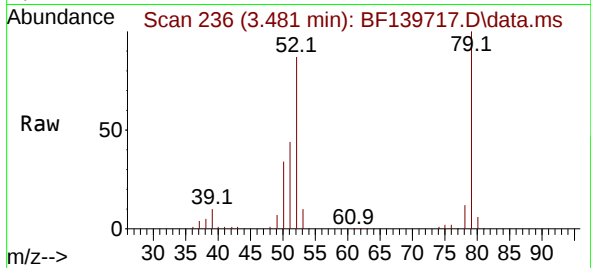
ClientSampleId :

PB163987BS

Tgt Ion: 79 Resp: 27364
Ion Ratio Lower Upper
79 100
52 87.2 72.6 109.0
51 44.1 37.5 56.3

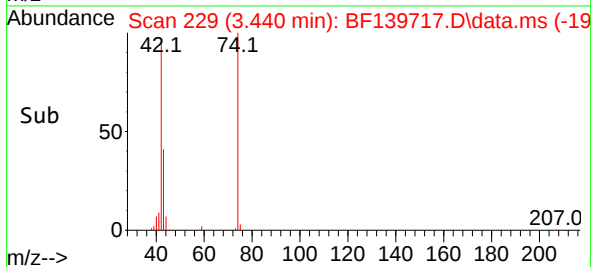
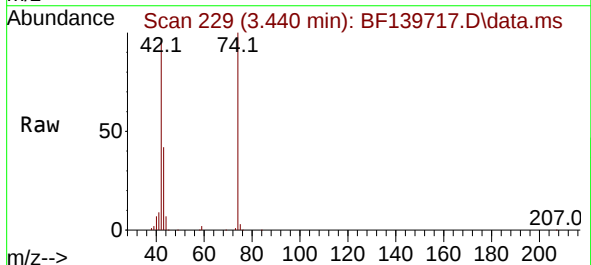
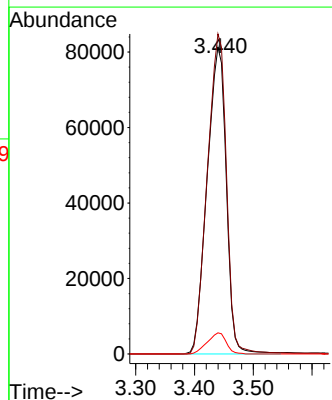
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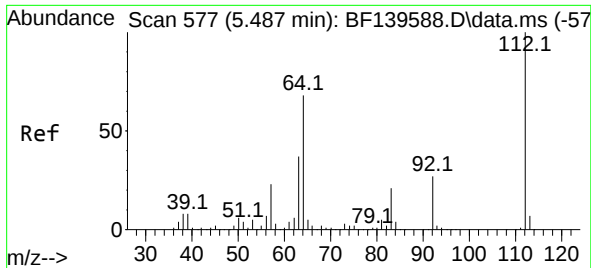
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#4
n-Nitrosodimethylamine
Concen: 44.457 ng
RT: 3.440 min Scan# 229
Delta R.T. 0.088 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion: 42 Resp: 184454
Ion Ratio Lower Upper
42 100
74 104.3 79.0 118.6
44 6.9 5.2 7.8





#5
2-Fluorophenol
Concen: 120.940 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

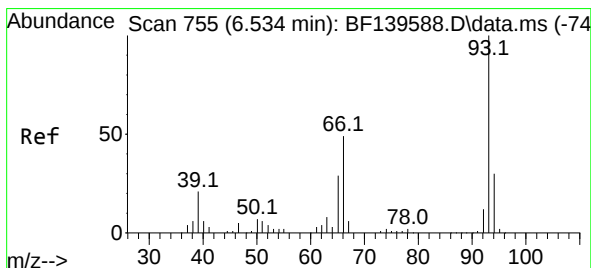
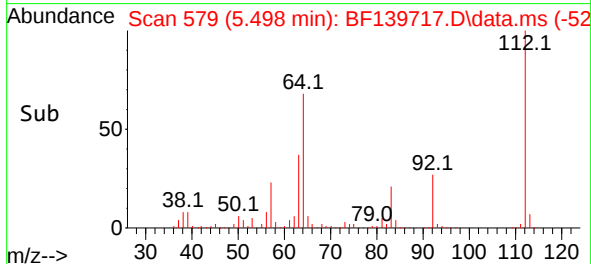
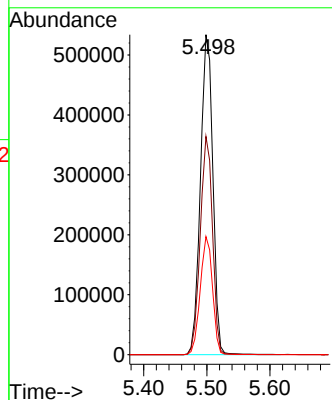
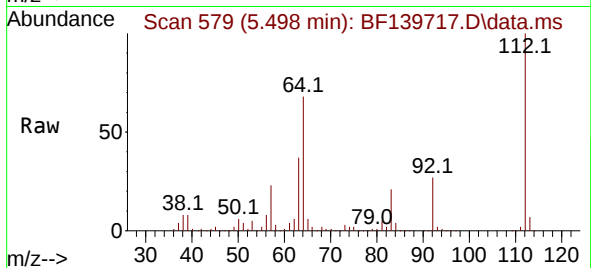
PB163987BS

Tgt Ion:112 Resp: 72906
Ion Ratio Lower Upper
112 100
64 68.2 54.2 81.4
63 36.9 29.4 44.2

Manual Integrations

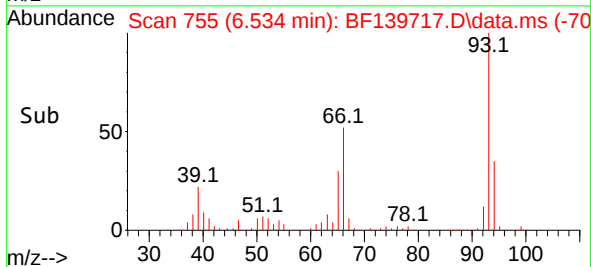
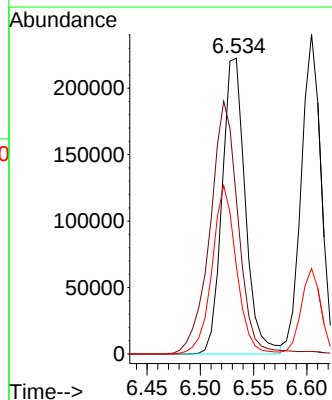
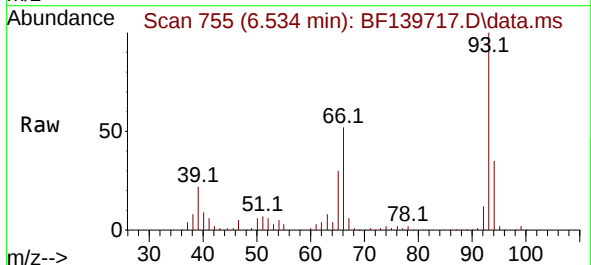
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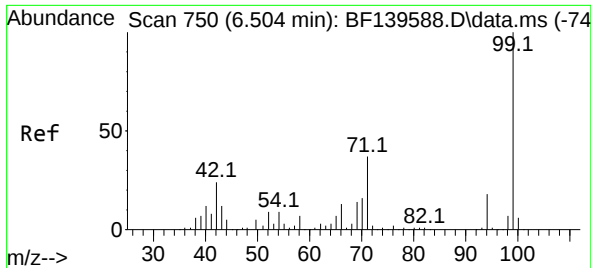
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#6
Aniline
Concen: 46.766 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

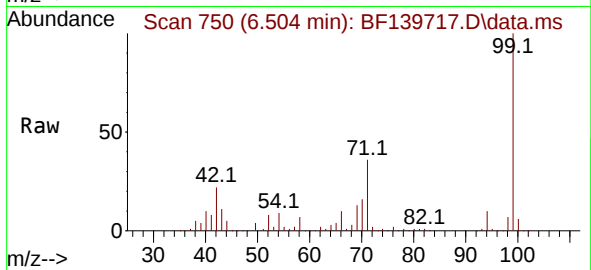
Tgt Ion: 93 Resp: 336422
Ion Ratio Lower Upper
93 100
66 52.3 40.9 61.3
65 29.6 23.3 34.9





#7
Phenol-d6
Concen: 119.461 ng
RT: 6.504 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

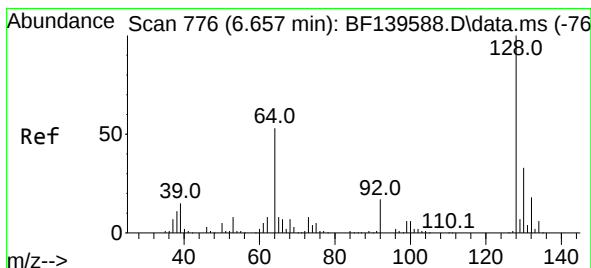
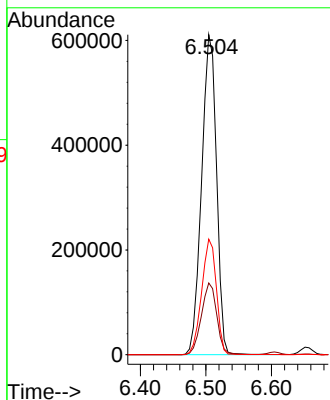
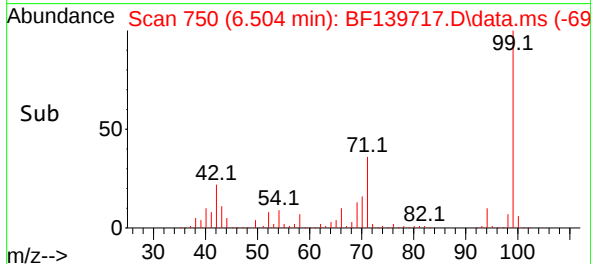
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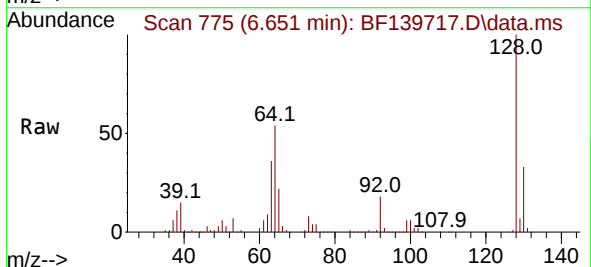
Tgt Ion: 99 Resp: 96844
Ion Ratio Lower Upper
99 100
42 22.4 19.1 28.7
71 36.1 29.7 44.5

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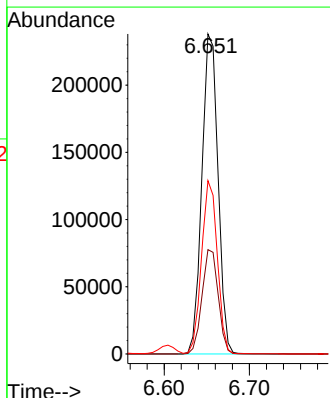
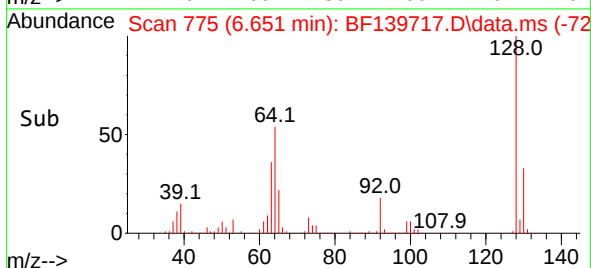
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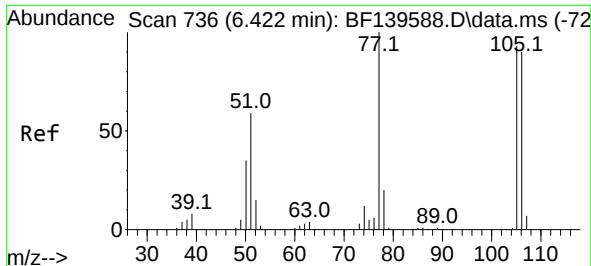


#8
2-Chlorophenol
Concen: 48.437 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37



Tgt Ion:128 Resp: 312837
Ion Ratio Lower Upper
128 100
130 32.6 13.2 53.2
64 54.1 35.1 75.1





#9
Benzaldehyde
Concen: 21.386 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

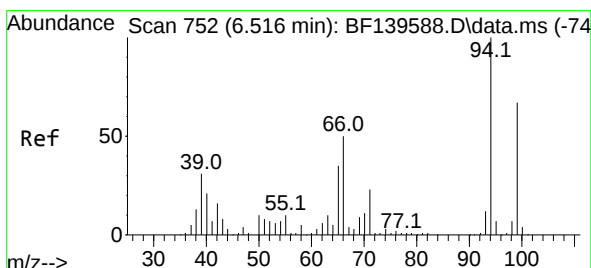
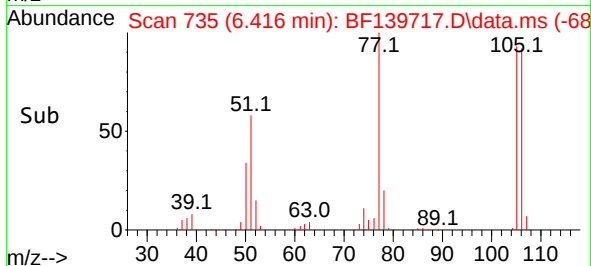
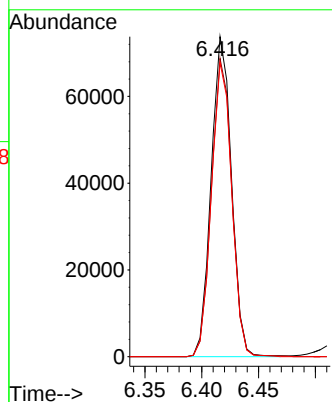
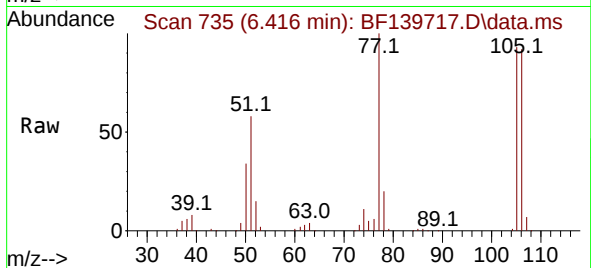
PB163987BS

Tgt Ion: 77 Resp: 91840
Ion Ratio Lower Upper
77 100
105 93.2 72.7 112.7
106 91.9 70.1 110.1

Manual Integrations

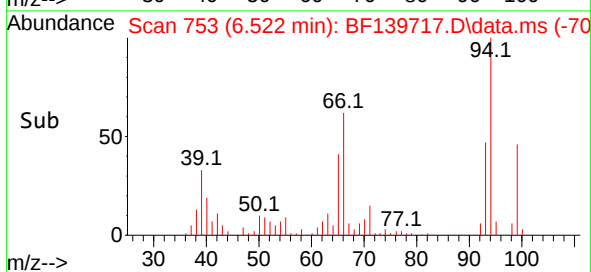
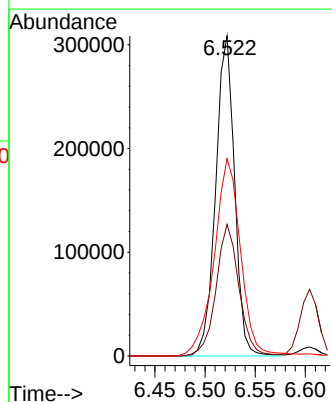
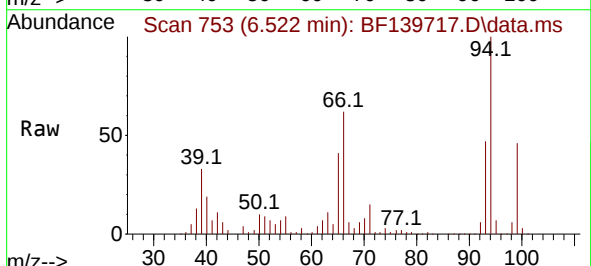
APPROVED

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



#10
Phenol
Concen: 47.360 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion: 94 Resp: 403706
Ion Ratio Lower Upper
94 100
65 41.1 15.3 55.3
66 61.6 30.5 70.5





#11
bis(2-Chloroethyl)ether
Concen: 44.246 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

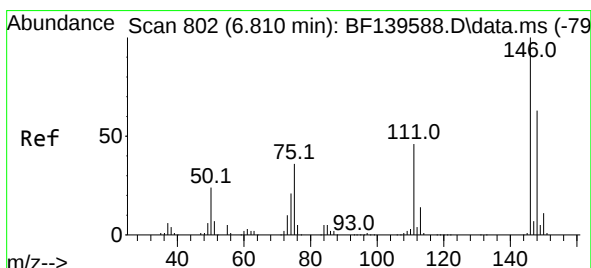
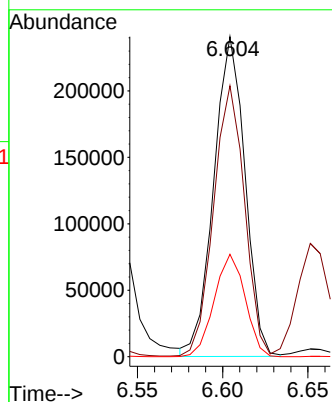
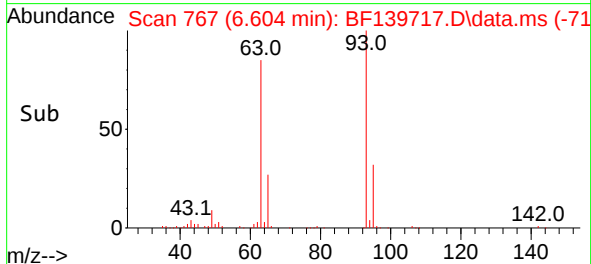
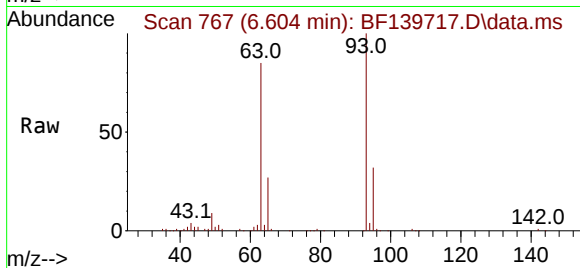
ClientSampleId :

PB163987BS

Tgt Ion: 93 Resp: 307090
Ion Ratio Lower Upper
93 100
63 84.6 64.1 104.1
95 32.0 12.3 52.3

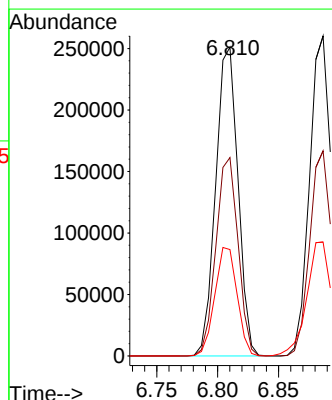
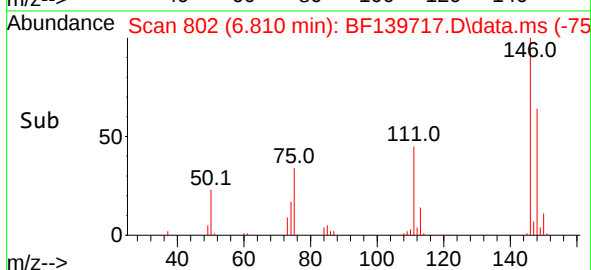
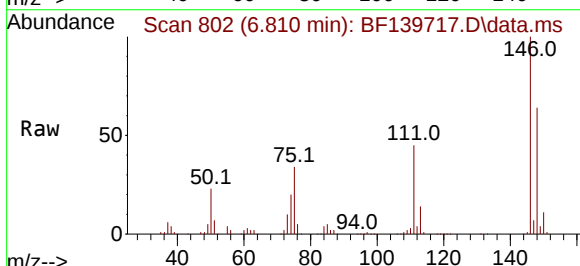
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 44.091 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:146 Resp: 320353
Ion Ratio Lower Upper
146 100
148 64.3 50.2 75.4
75 34.5 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 43.971 ng

RT: 6.887 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF139717.D

Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS

Tgt Ion:146 Resp: 32357

Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.6

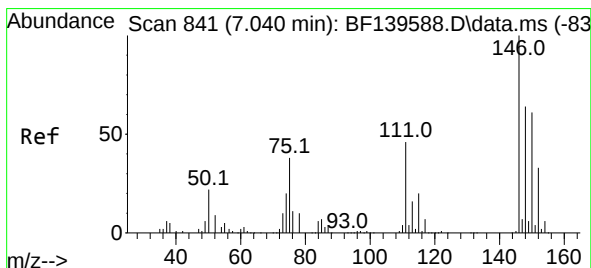
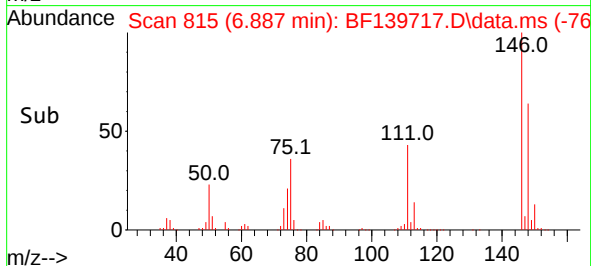
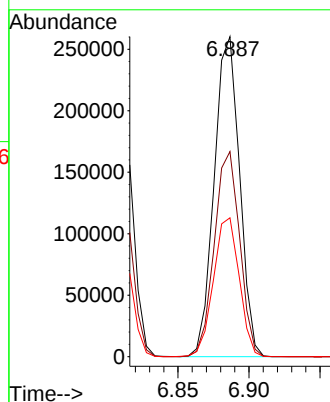
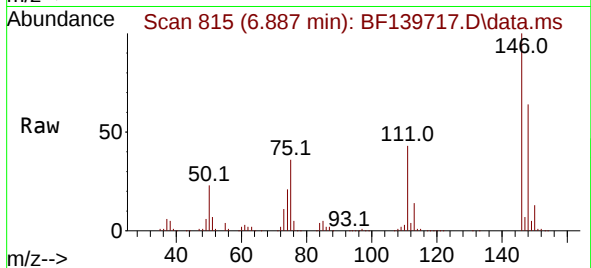
111 43.4 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#14

1,2-Dichlorobenzene

Concen: 44.965 ng

RT: 7.034 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF139717.D

Acq: 09 Oct 2024 12:37

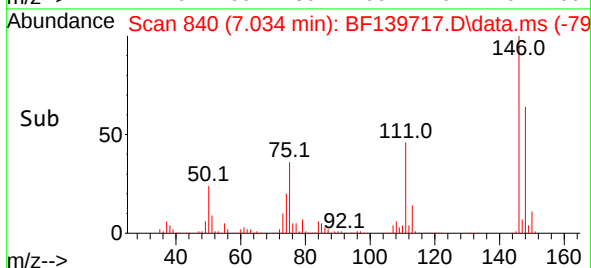
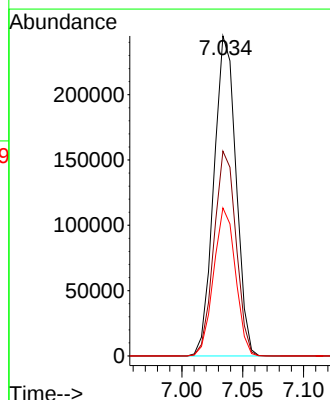
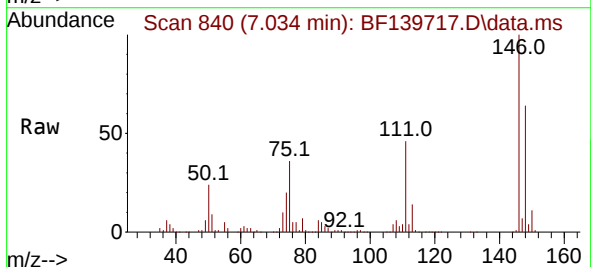
Tgt Ion:146 Resp: 310110

Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

111 46.3 37.0 55.6





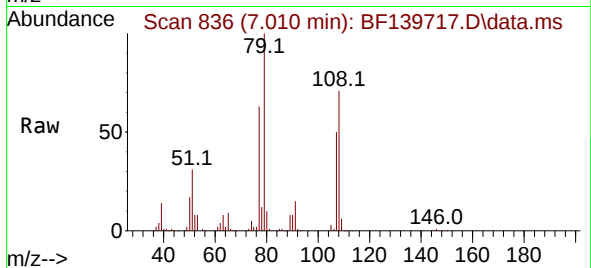
#15
Benzyl Alcohol
Concen: 46.763 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

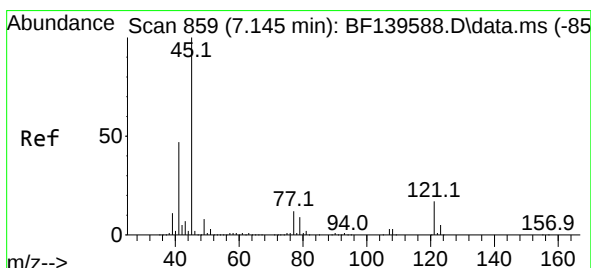
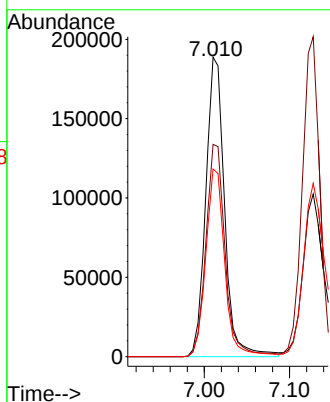
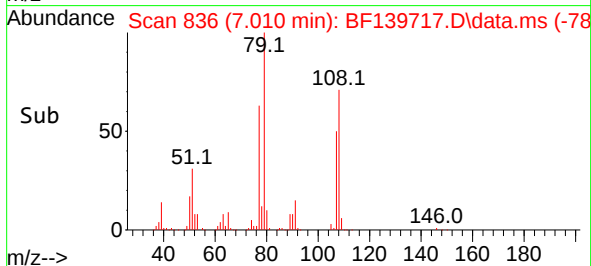
PB163987BS



Tgt Ion: 79 Resp: 28965
Ion Ratio Lower Upper
79 100
108 70.9 55.1 82.7
77 62.6 50.8 76.2

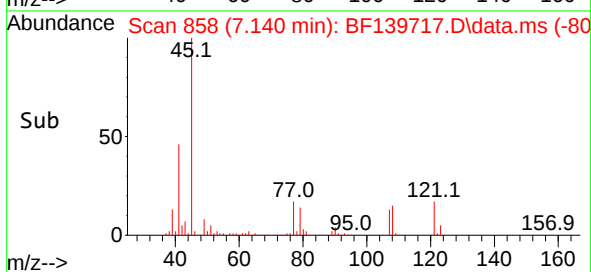
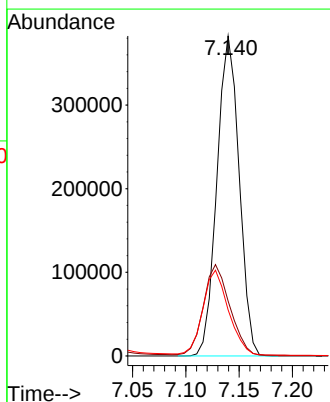
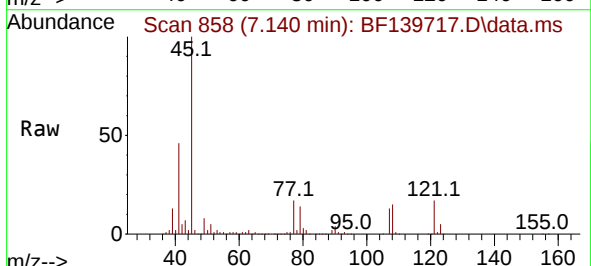
Manual Integrations
APPROVED

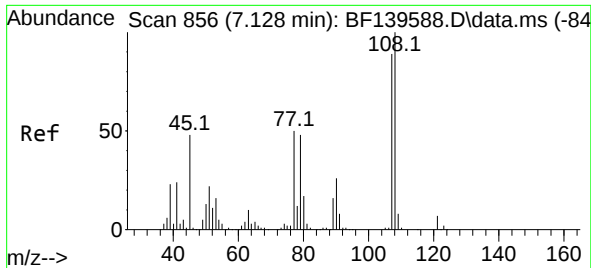
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.063 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion: 45 Resp: 553465
Ion Ratio Lower Upper
45 100
77 17.2 0.0 32.5
79 14.4 0.0 29.7





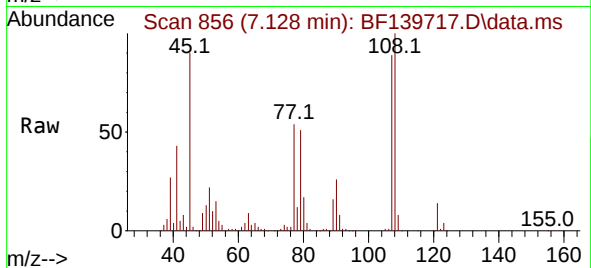
#17
2-Methylphenol
Concen: 47.025 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS

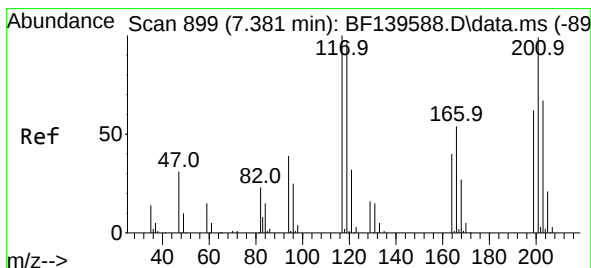
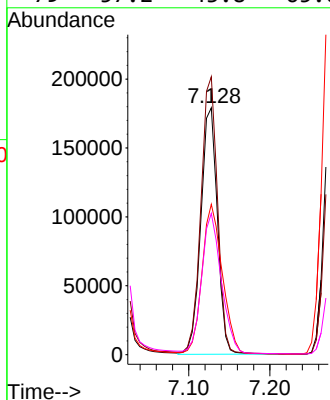
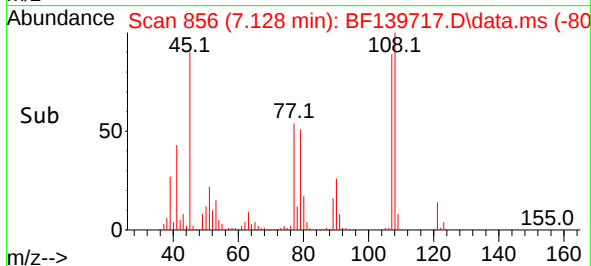


Tgt Ion:107 Resp: 253548
Ion Ratio Lower Upper
107 100
108 112.6 89.8 134.6
77 60.9 44.6 67.0
79 57.2 43.8 65.6

Manual Integrations

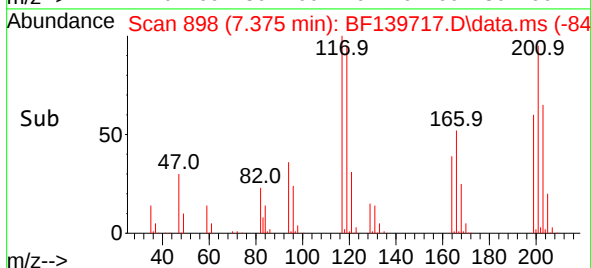
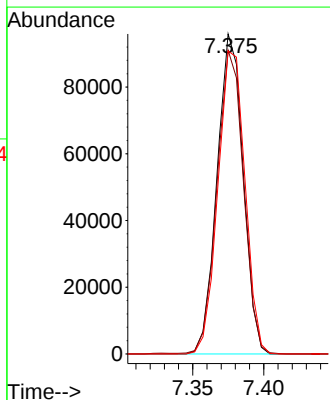
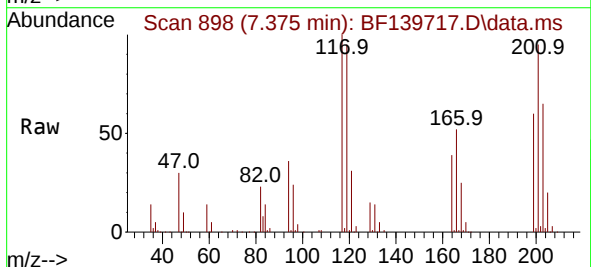
APPROVED

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



#18
Hexachloroethane
Concen: 44.684 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:117 Resp: 122647
Ion Ratio Lower Upper
117 100
119 94.9 77.0 115.6
201 94.7 79.2 118.8





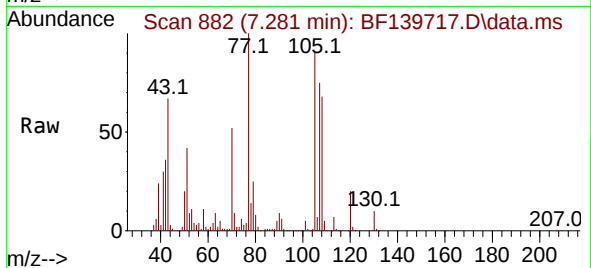
#19
n-Nitroso-di-n-propylamine
Concen: 45.540 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS



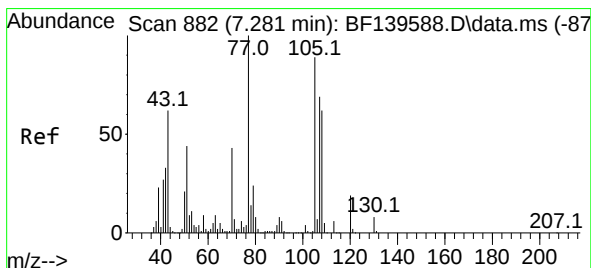
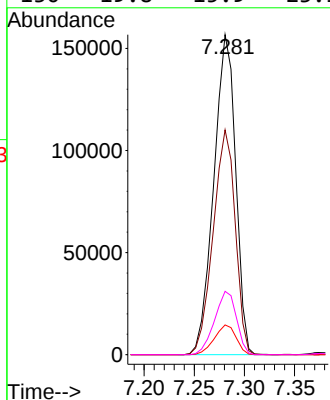
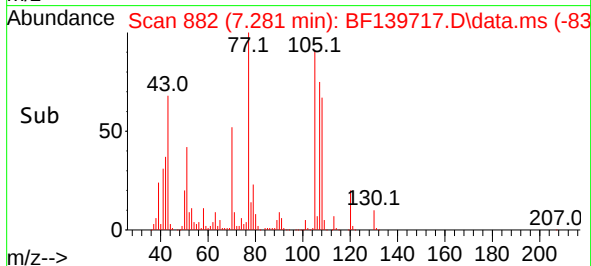
Tgt Ion: 70 Resp: 237354
Ion Ratio Lower Upper
70 100
42 70.3 58.0 87.0
101 9.3 7.8 11.8
130 19.8 15.9 23.9

Manual Integrations

APPROVED

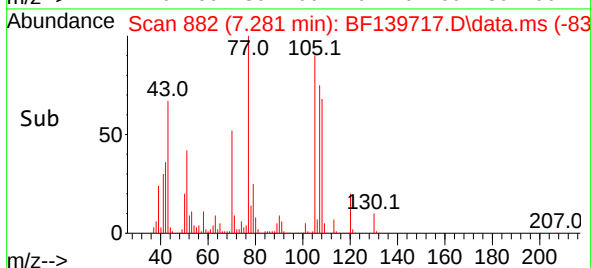
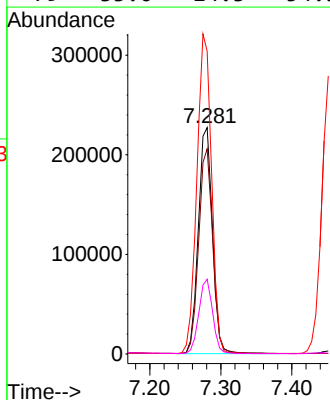
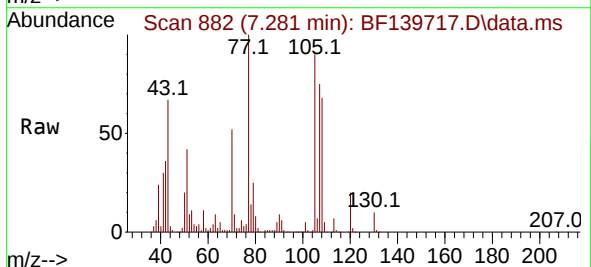
Reviewed By :Yogesh Patel 10/10/2024

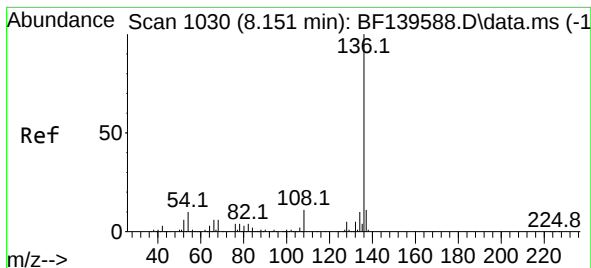
Supervised By :mohammad ahmed 10/10/2024



#20
3+4-Methylphenols
Concen: 46.549 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:107 Resp: 315248
Ion Ratio Lower Upper
107 100
108 90.6 70.2 110.2
77 133.7 125.3 165.3
79 33.0 14.3 54.3





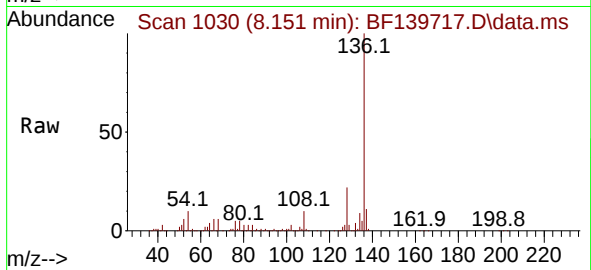
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS



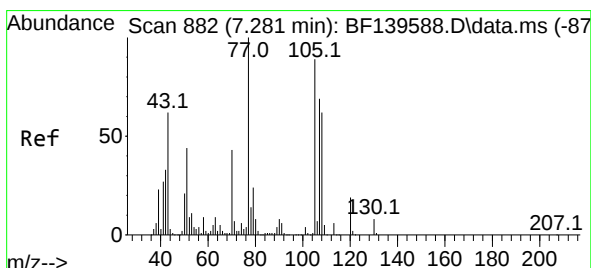
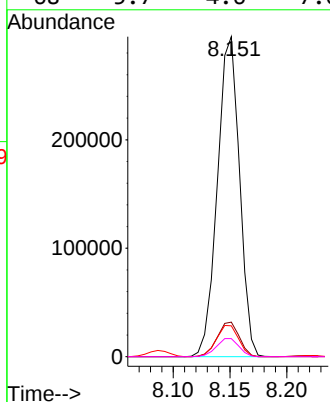
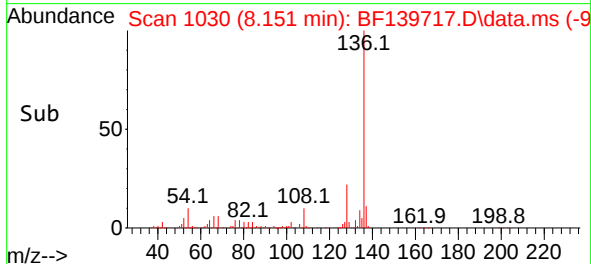
Tgt Ion:136 Resp: 400000
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.7 8.3 12.5
68 5.7 4.6 7.0

Manual Integrations

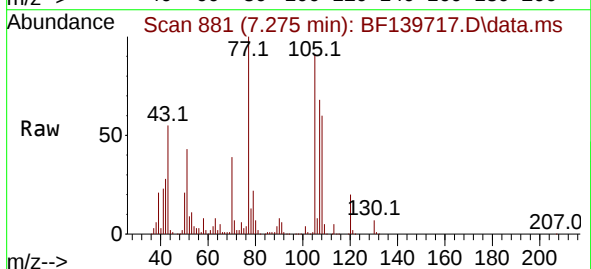
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

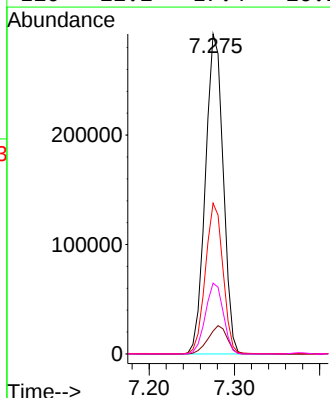
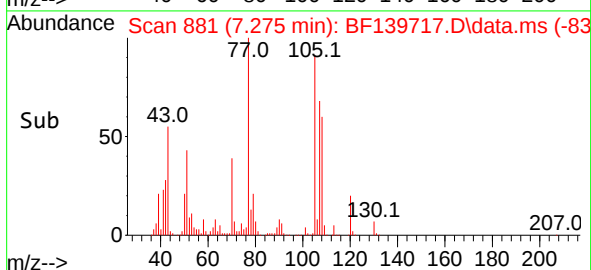
Supervised By :mohammad ahmed 10/10/2024

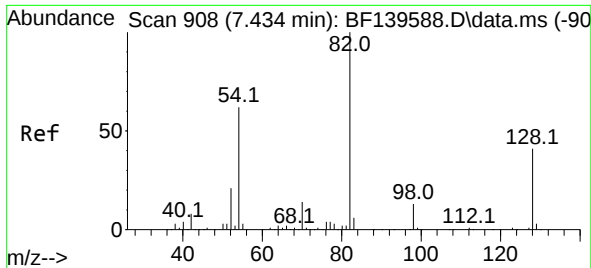


#22
Acetophenone
Concen: 44.698 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37



Tgt Ion:105 Resp: 424407
Ion Ratio Lower Upper
105 100
71 7.2 6.6 10.0
51 47.1 39.4 59.0
120 22.2 17.4 26.2





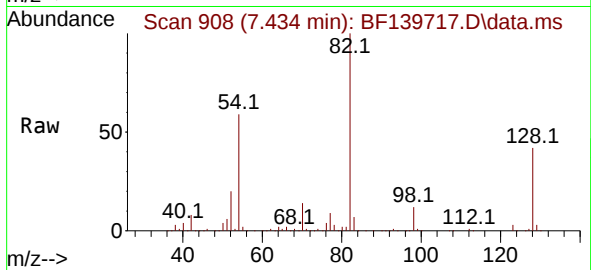
#23
Nitrobenzene-d5
Concen: 80.855 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS

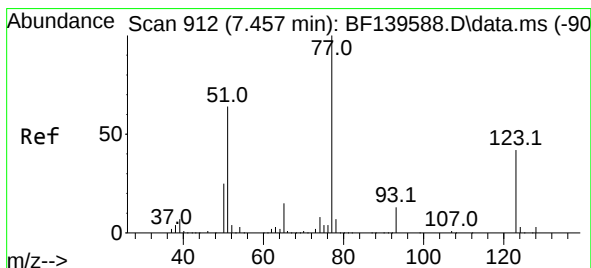
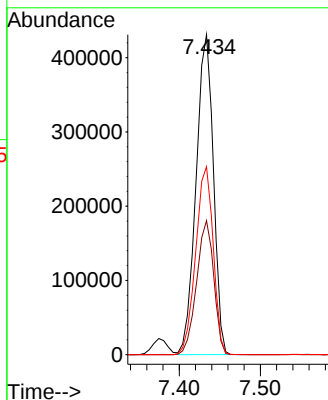
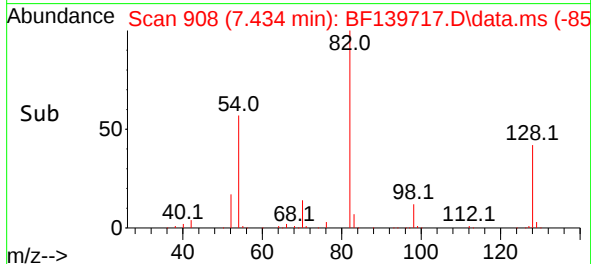


Tgt Ion: 82 Resp: 638798
Ion Ratio Lower Upper
82 100
128 41.9 32.4 48.6
54 58.7 49.1 73.7

Manual Integrations

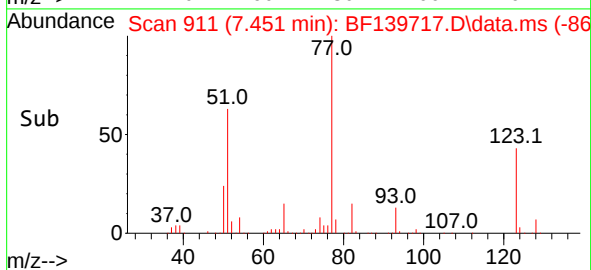
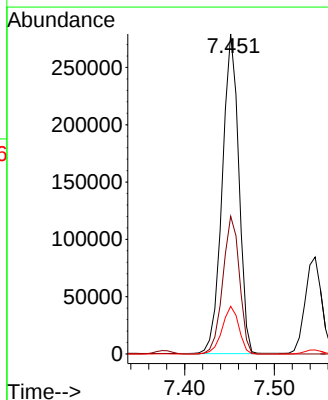
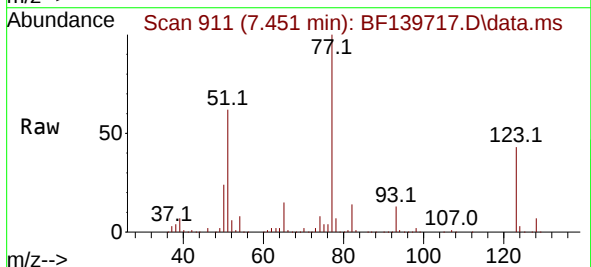
APPROVED

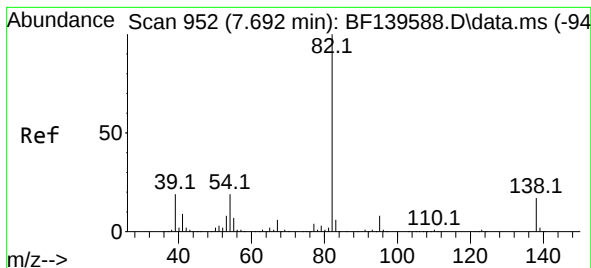
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#24
Nitrobenzene
Concen: 43.700 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion: 77 Resp: 357513
Ion Ratio Lower Upper
77 100
123 43.1 34.2 51.4
65 14.9 12.1 18.1





#25

Isophorone

Concen: 45.702 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139717.D

Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

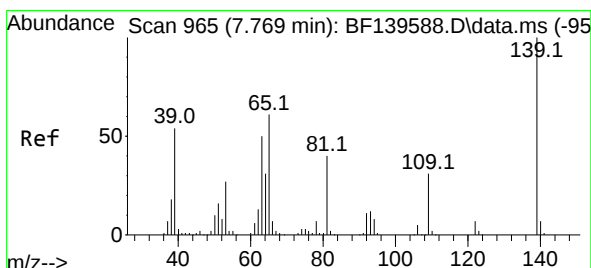
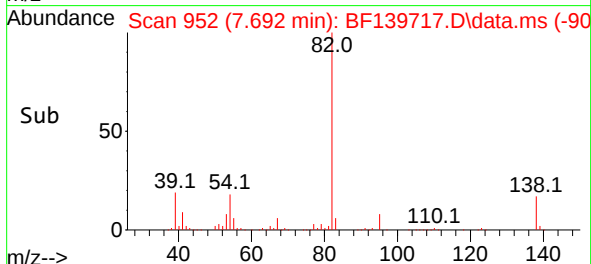
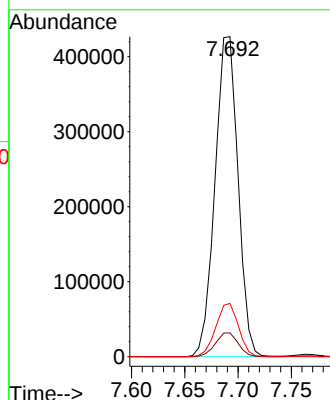
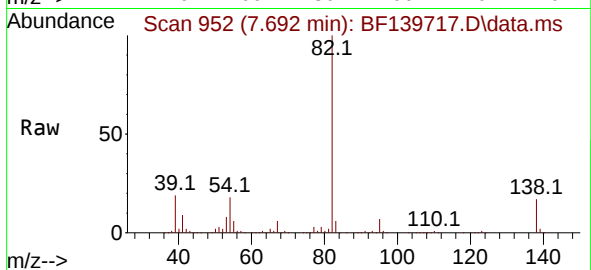
PB163987BS

Tgt Ion: 82 Resp: 641309
 Ion Ratio Lower Upper
 82 100
 95 7.5 6.1 9.1
 138 16.7 13.4 20.2

Manual Integrations

APPROVED

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



#26

2-Nitrophenol

Concen: 48.105 ng

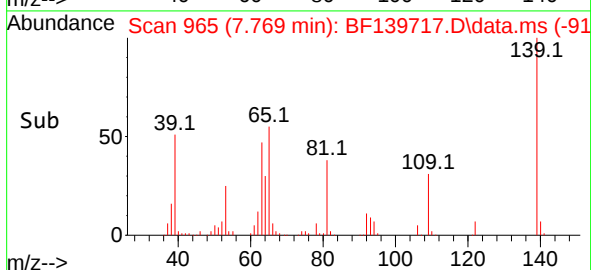
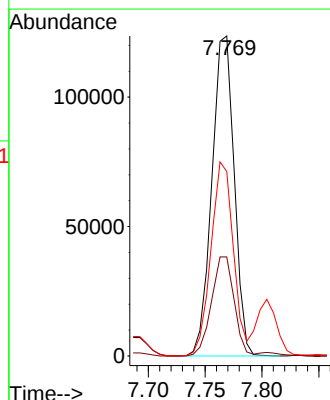
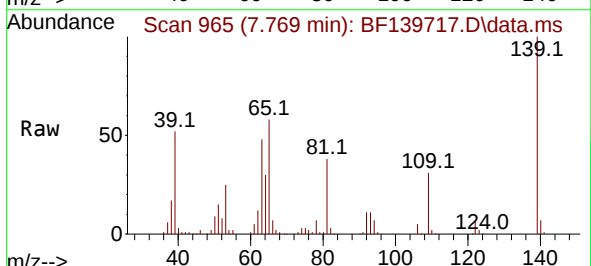
RT: 7.769 min Scan# 965

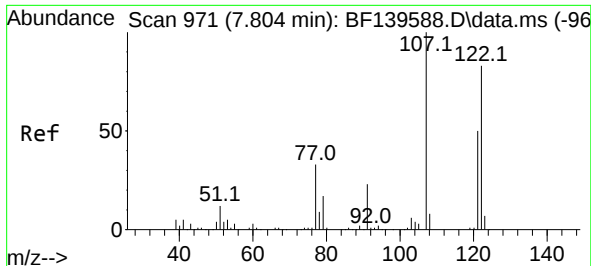
Delta R.T. -0.000 min

Lab File: BF139717.D

Acq: 09 Oct 2024 12:37

Tgt Ion:139 Resp: 169185
 Ion Ratio Lower Upper
 139 100
 109 31.0 24.9 37.3
 65 57.6 48.6 72.8





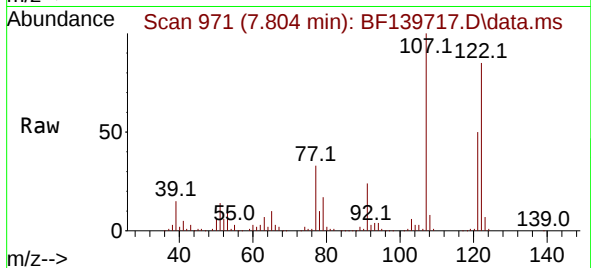
#27
2,4-Dimethylphenol
Concen: 56.795 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS

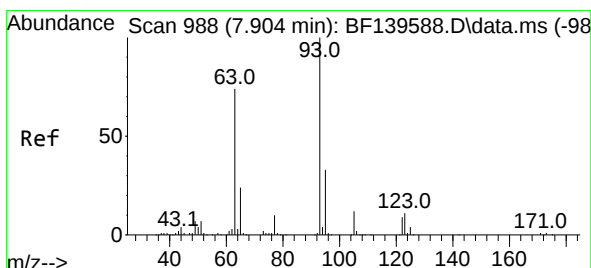
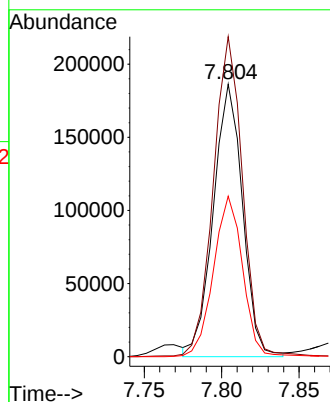
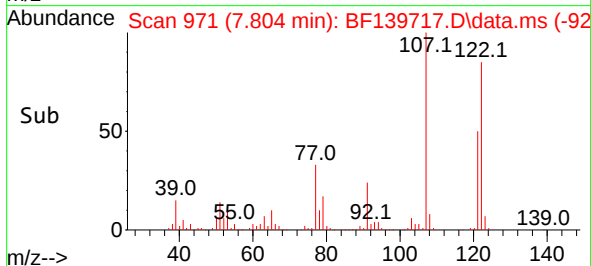


Tgt Ion:122 Resp: 24453
Ion Ratio Lower Upper
122 100
107 117.5 95.4 143.0
121 58.9 47.4 71.2

Manual Integrations

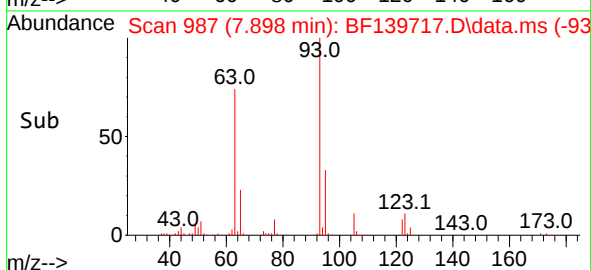
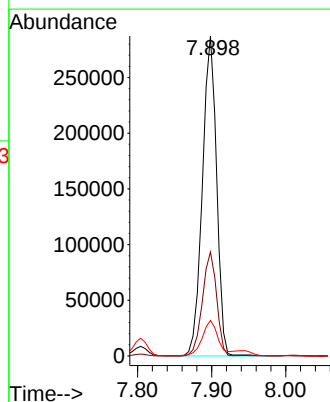
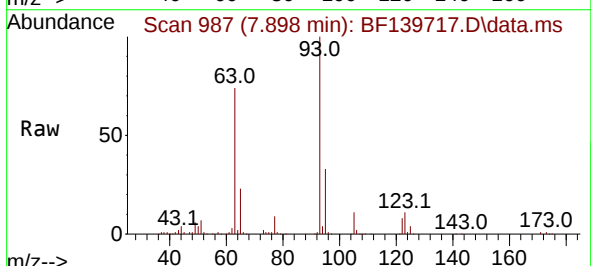
APPROVED

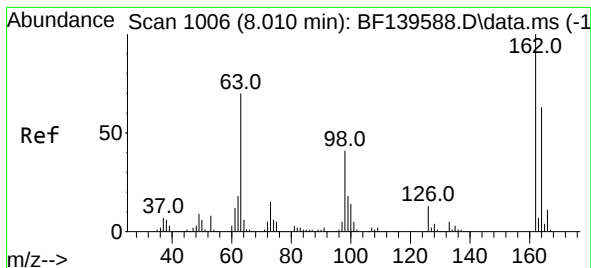
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.727 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion: 93 Resp: 383155
Ion Ratio Lower Upper
93 100
95 32.5 26.5 39.7
123 11.1 9.4 14.0





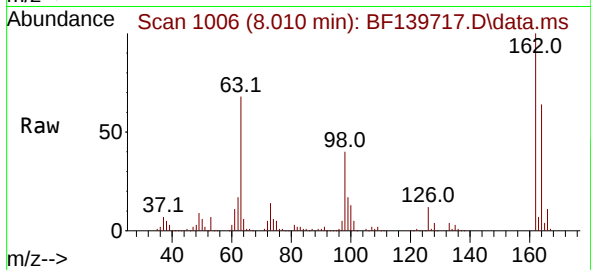
#29
2,4-Dichlorophenol
Concen: 46.885 ng
RT: 8.010 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS



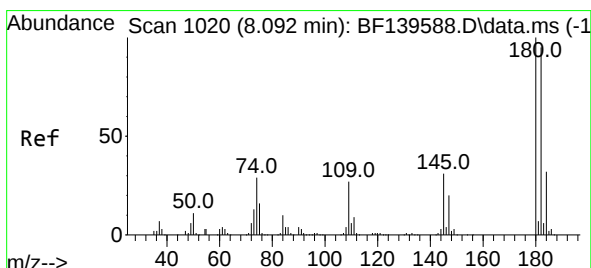
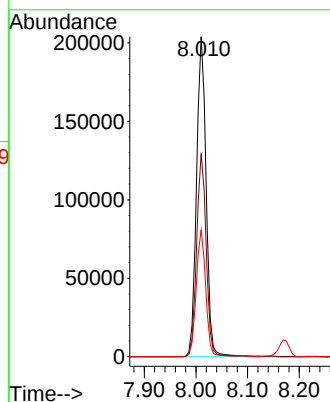
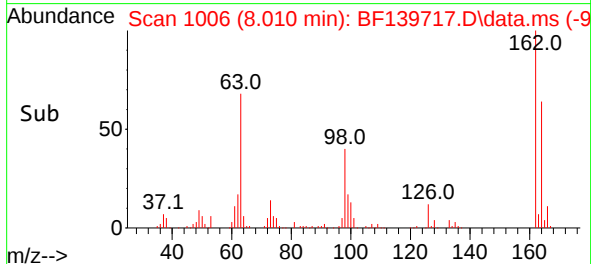
Tgt Ion:162 Resp: 26330
Ion Ratio Lower Upper
162 100
164 63.5 43.1 83.1
98 39.6 20.8 60.8

Manual Integrations

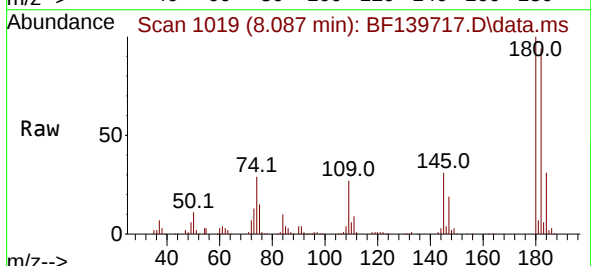
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

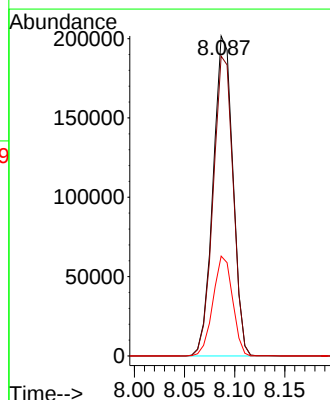
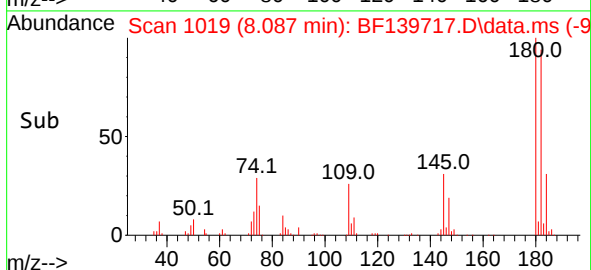
Supervised By :mohammad ahmed 10/10/2024

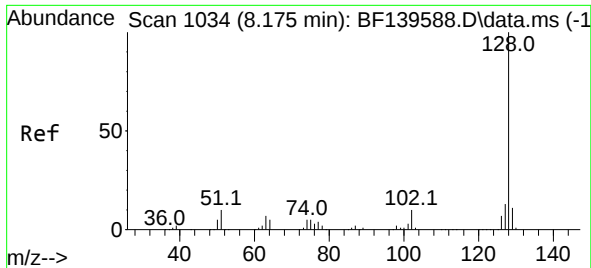


#30
1,2,4-Trichlorobenzene
Concen: 43.537 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37



Tgt Ion:180 Resp: 276505
Ion Ratio Lower Upper
180 100
182 93.7 76.0 114.0
145 31.2 25.0 37.6





#31
Naphthalene
Concen: 44.980 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

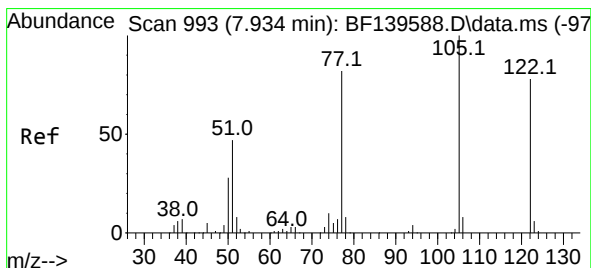
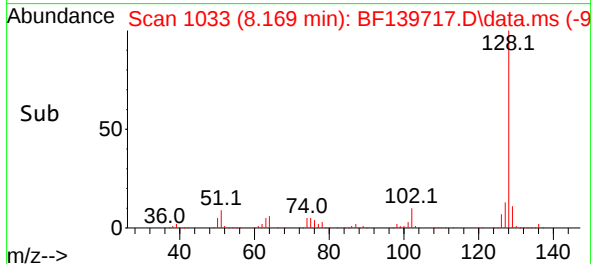
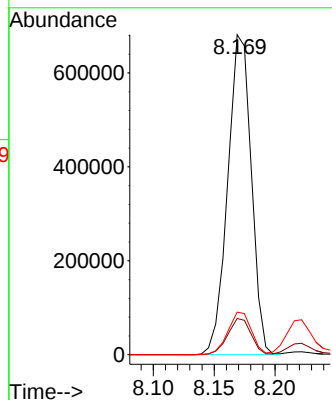
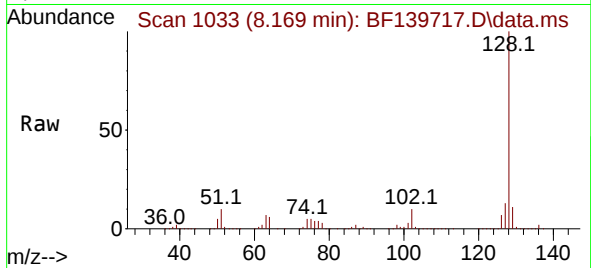
PB163987BS

Tgt Ion:128 Resp: 919925
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.3 10.5 15.7

Manual Integrations

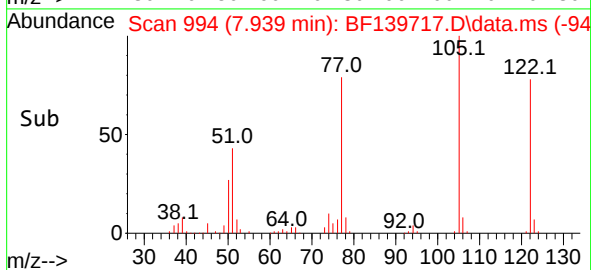
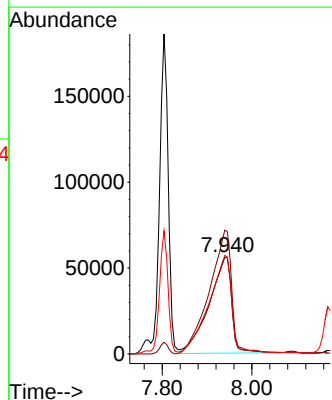
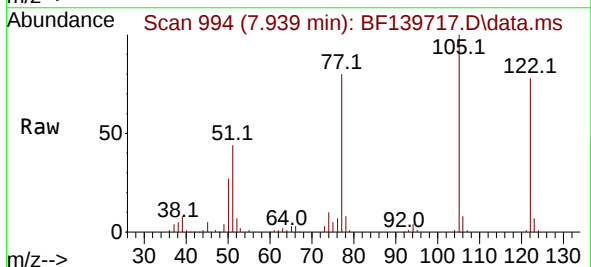
APPROVED

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



#32
Benzoic acid
Concen: 45.675 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:122 Resp: 195543
Ion Ratio Lower Upper
122 100
105 128.1 104.9 144.9
77 102.0 82.7 122.7





#33
4-Chloroaniline
Concen: 18.549 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

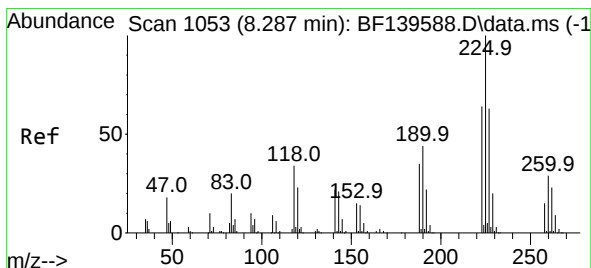
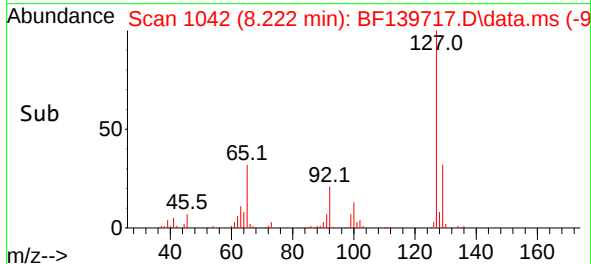
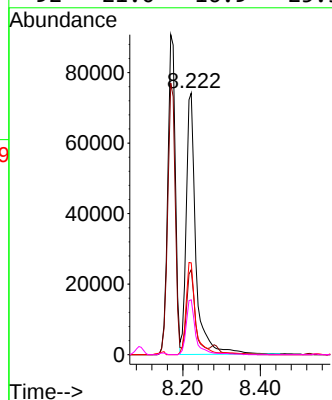
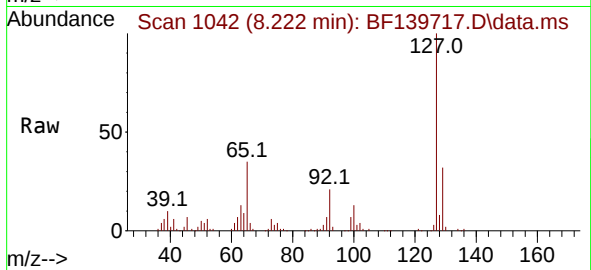
PB163987BS

Tgt Ion:127 Resp: 128409
Ion Ratio Lower Upper
127 100
129 32.5 26.2 39.4
65 35.1 29.3 43.9
92 21.0 16.9 25.3

Manual Integrations

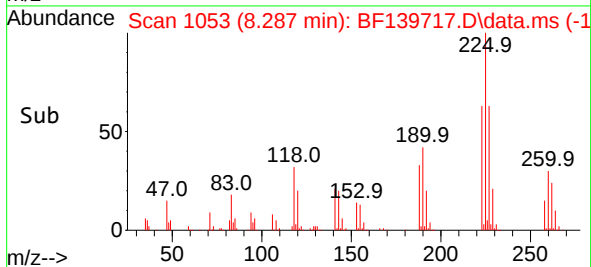
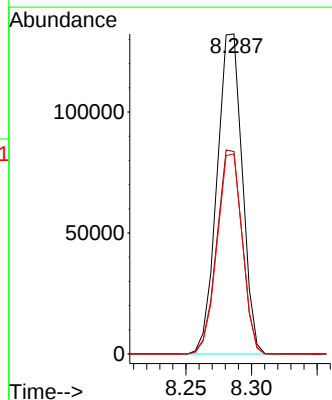
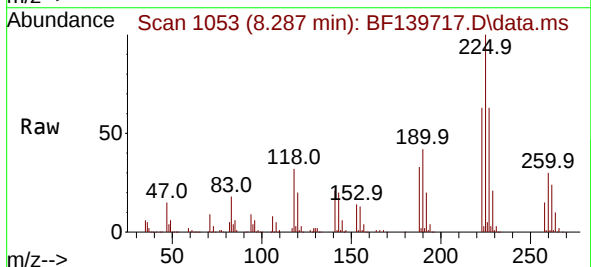
APPROVED

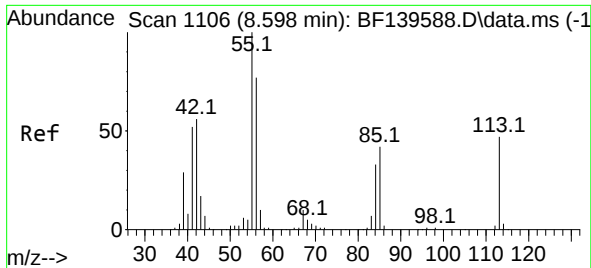
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#34
Hexachlorobutadiene
Concen: 43.053 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:225 Resp: 176947
Ion Ratio Lower Upper
225 100
223 63.2 50.9 76.3
227 62.5 50.7 76.1





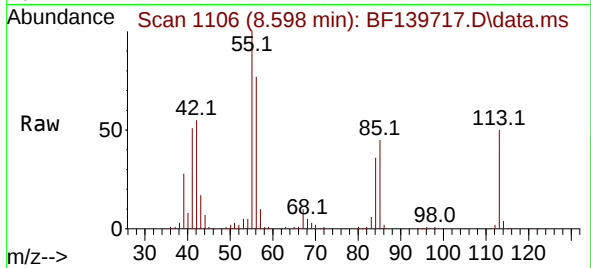
#35
 Caprolactam
 Concen: 47.803 ng m
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.000 min
 Lab File: BF139717.D
 Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS



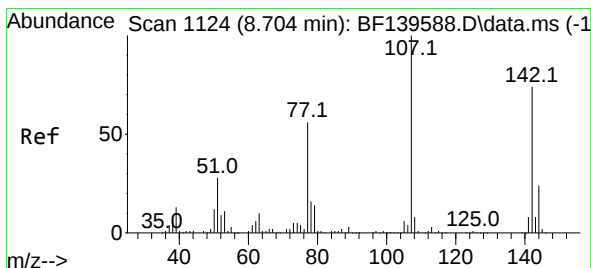
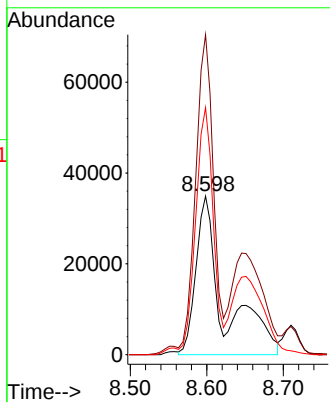
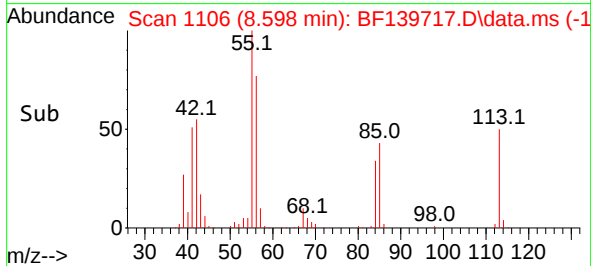
Tgt Ion:113 Resp: 88052
 Ion Ratio Lower Upper
 113 100
 55 201.7 193.4 233.4
 56 155.7 143.8 183.8

Manual Integrations

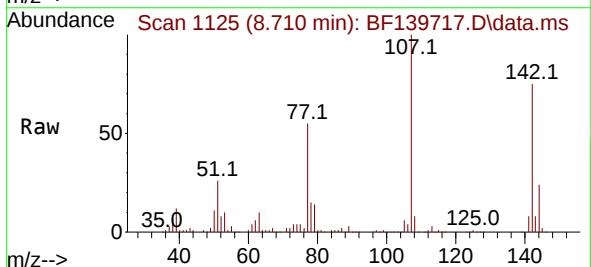
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

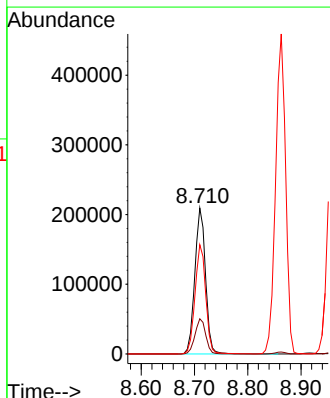
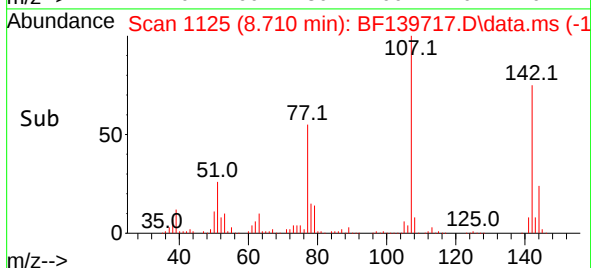
Supervised By :mohammad ahmed 10/10/2024

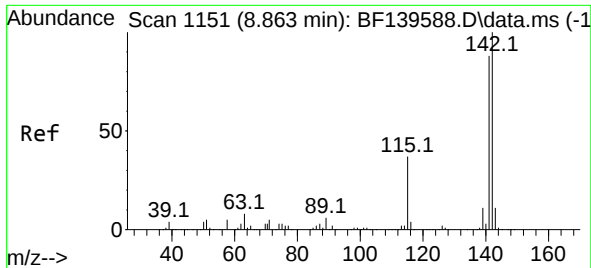


#36
 4-Chloro-3-methylphenol
 Concen: 46.096 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF139717.D
 Acq: 09 Oct 2024 12:37



Tgt Ion:107 Resp: 293043
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.0 28.6
 142 74.9 59.2 88.8





#37
2-Methylnaphthalene
Concen: 45.115 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

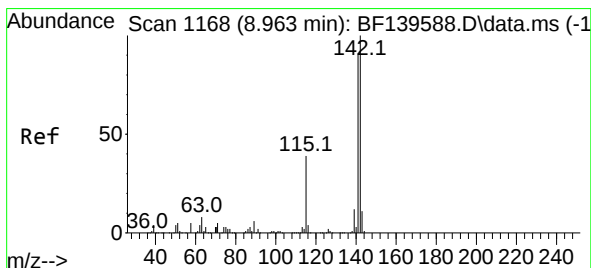
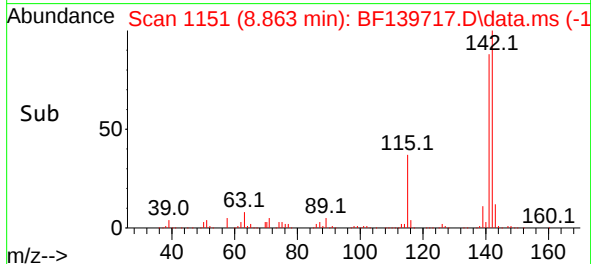
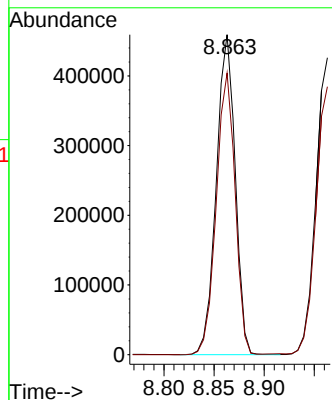
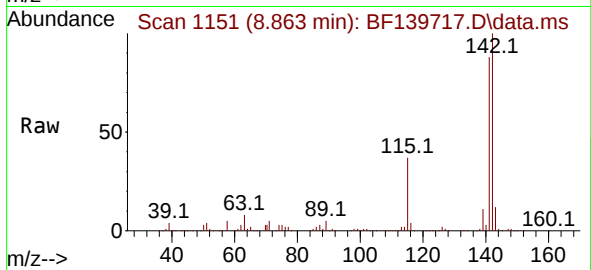
ClientSampleId :

PB163987BS

Tgt Ion:142 Resp: 600934
Ion Ratio Lower Upper
142 100
141 88.0 70.4 105.6

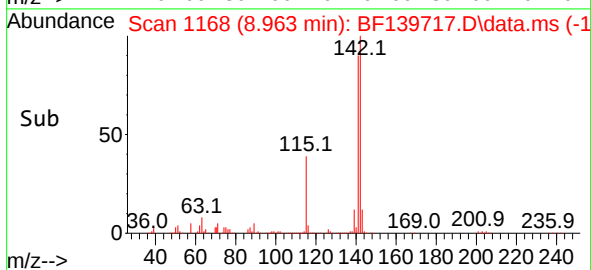
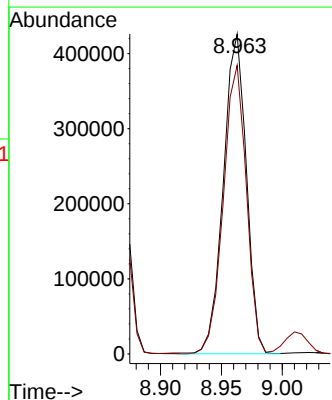
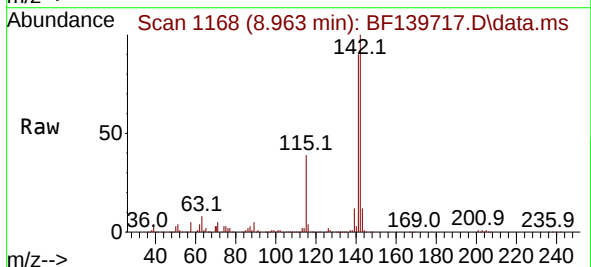
Manual Integrations
APPROVED

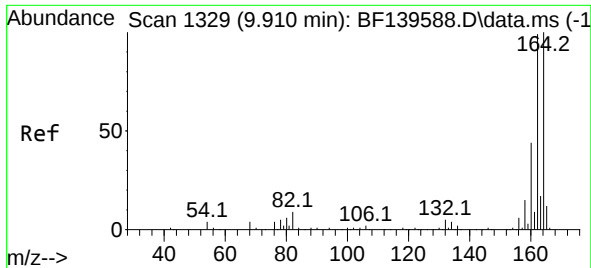
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#38
1-Methylnaphthalene
Concen: 42.933 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:142 Resp: 558992
Ion Ratio Lower Upper
142 100
141 90.2 73.0 109.4





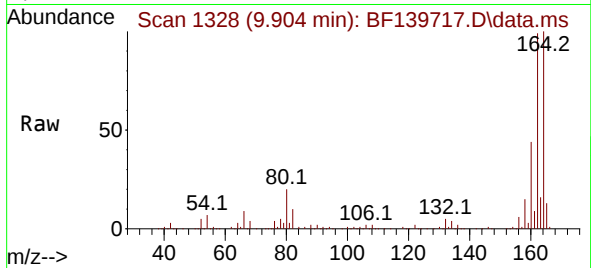
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS



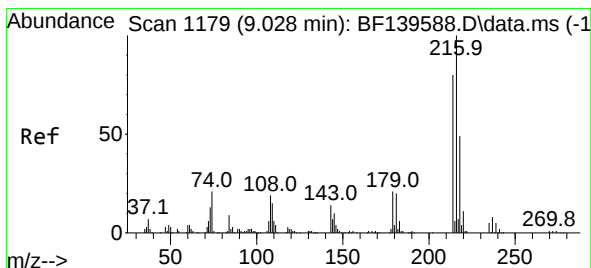
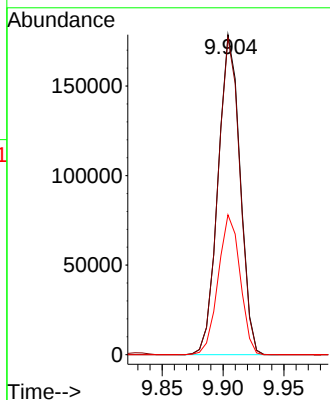
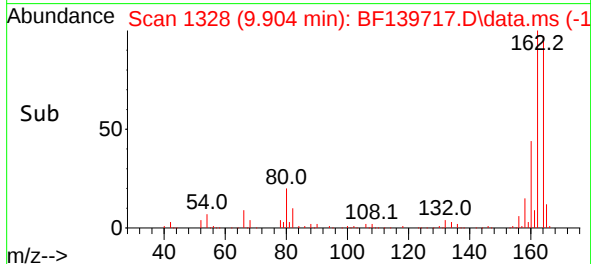
Tgt Ion:164 Resp: 224940
Ion Ratio Lower Upper
164 100
162 99.0 79.4 119.0
160 43.7 35.1 52.7

Manual Integrations

APPROVED

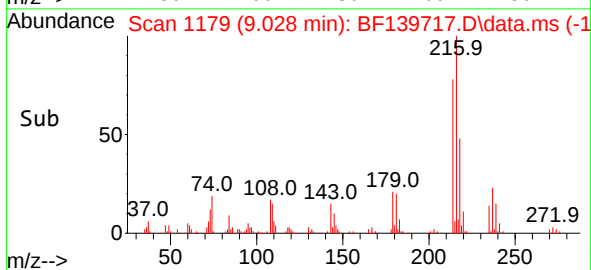
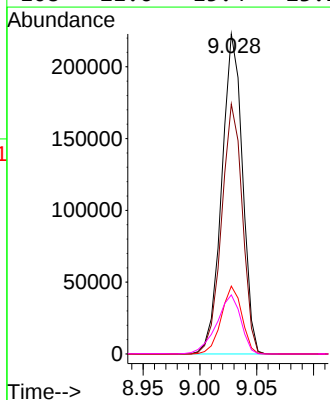
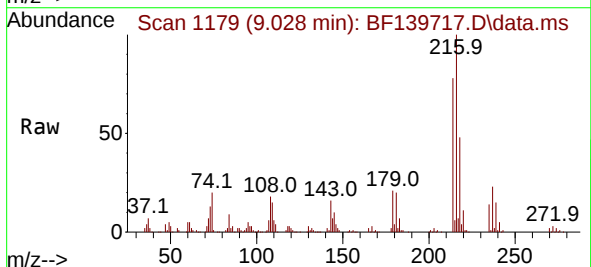
Reviewed By :Yogesh Patel 10/10/2024

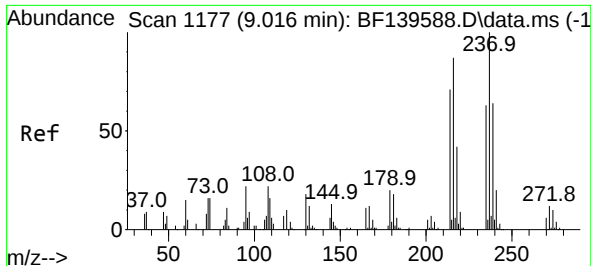
Supervised By :mohammad ahmed 10/10/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.347 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:216 Resp: 283250
Ion Ratio Lower Upper
216 100
214 78.2 63.7 95.5
179 21.0 16.9 25.3
108 21.6 15.4 23.2





#41
Hexachlorocyclopentadiene
Concen: 172.060 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

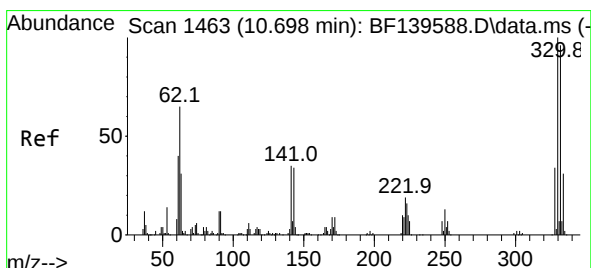
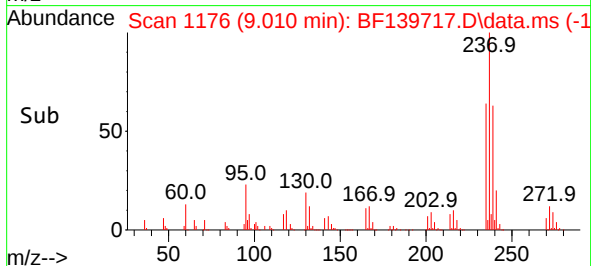
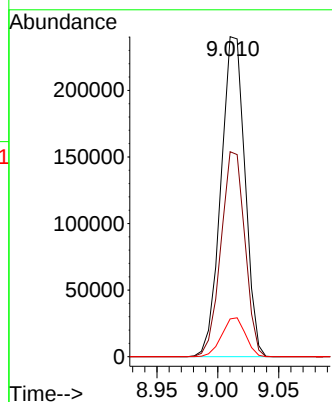
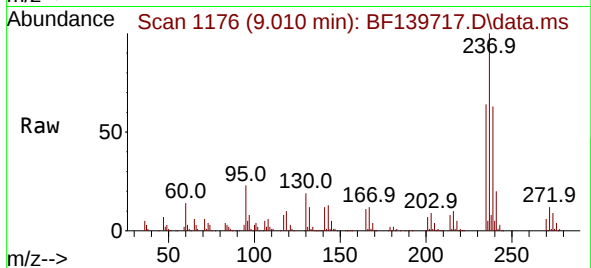
PB163987BS

Tgt Ion:237 Resp: 32954
Ion Ratio Lower Upper
237 100
235 64.0 42.5 82.5
272 11.8 0.0 32.1

Manual Integrations

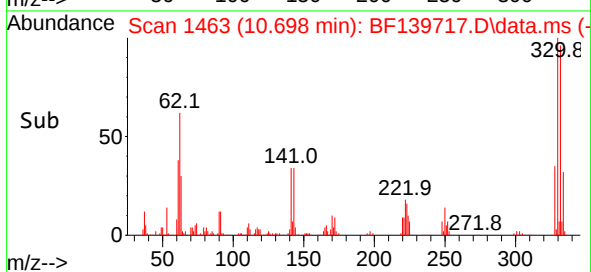
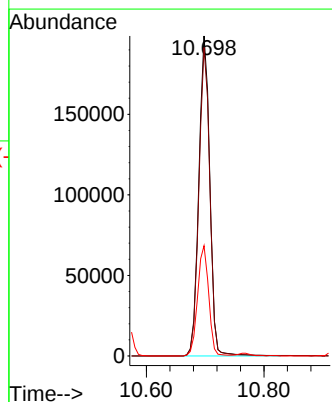
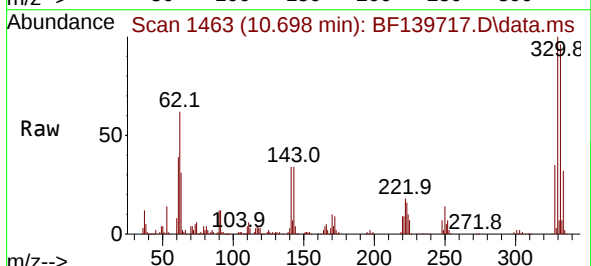
APPROVED

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



#42
2,4,6-Tribromophenol
Concen: 118.885 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:330 Resp: 258150
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 34.7 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 45.920 ng

RT: 9.145 min Scan# 1198

Delta R.T. 0.006 min

Lab File: BF139717.D

Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS

Tgt Ion:196 Resp: 193358

Ion Ratio Lower Upper

196 100

198 96.4 75.2 112.8

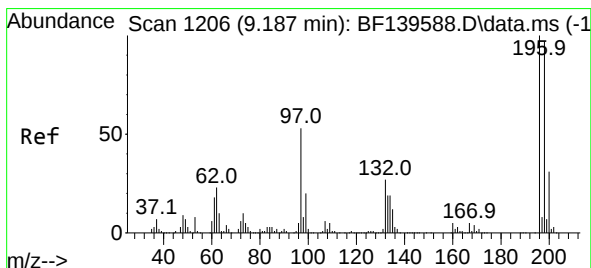
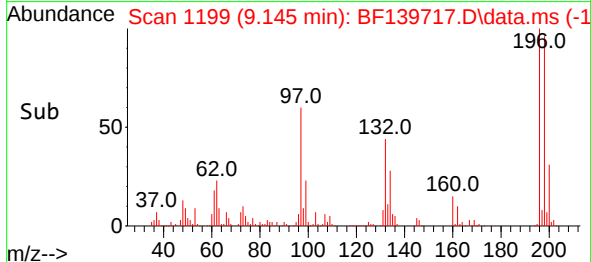
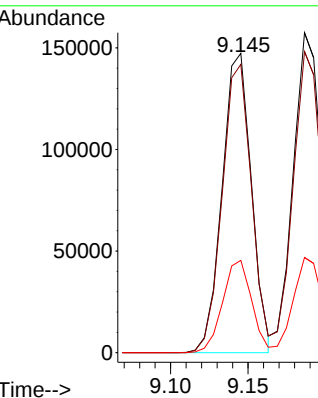
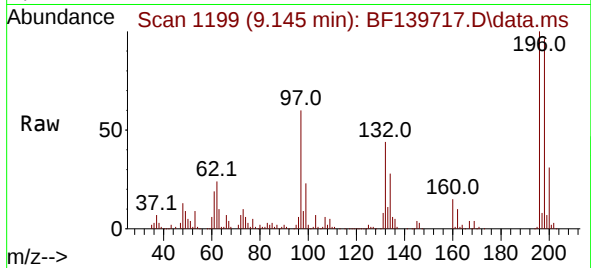
200 30.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#44

2,4,5-Trichlorophenol

Concen: 46.002 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF139717.D

Acq: 09 Oct 2024 12:37

Tgt Ion:196 Resp: 208896

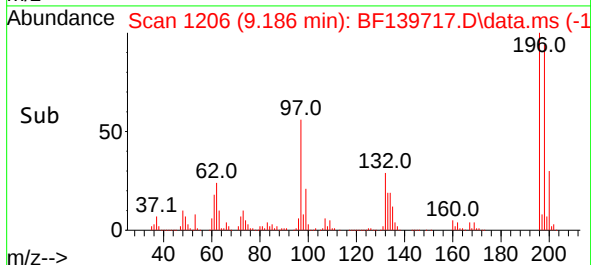
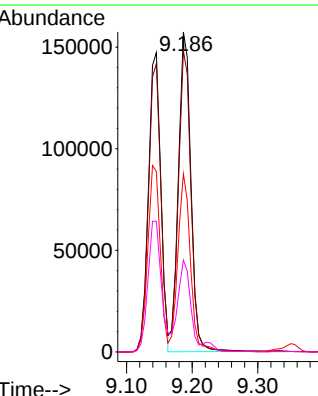
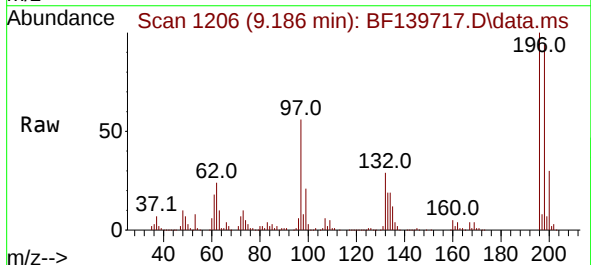
Ion Ratio Lower Upper

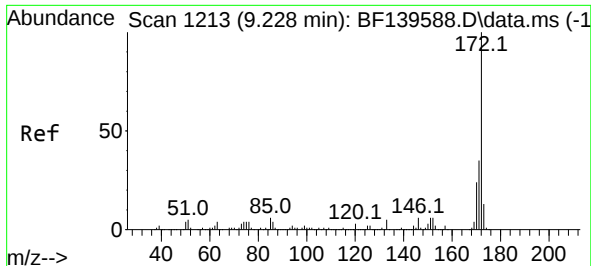
196 100

198 94.1 77.5 116.3

97 55.7 43.1 64.7

132 28.7 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 80.097 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139717.D

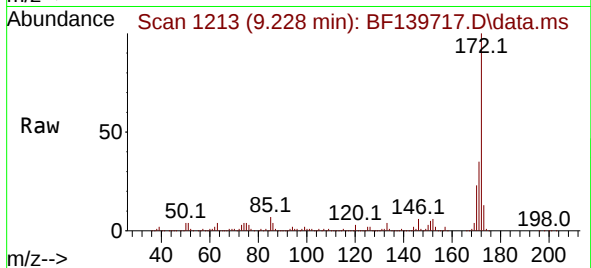
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS



Tgt Ion:172 Resp: 117360

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

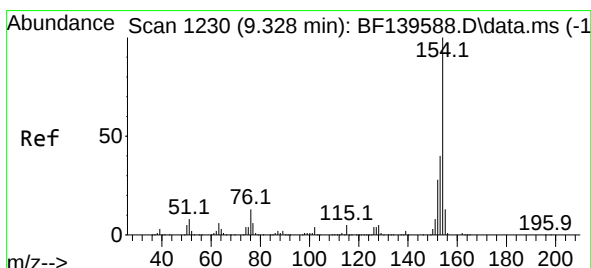
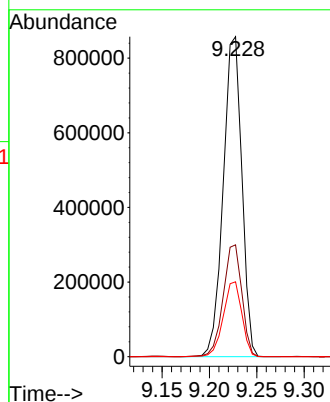
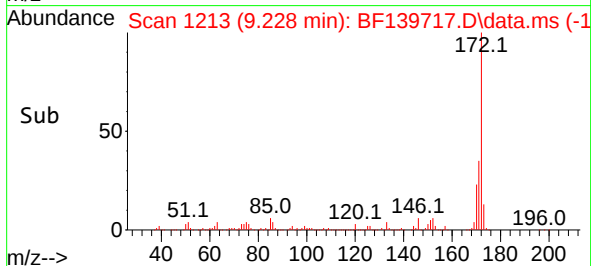
170 23.4 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#46

1,1'-Biphenyl

Concen: 44.985 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF139717.D

Acq: 09 Oct 2024 12:37

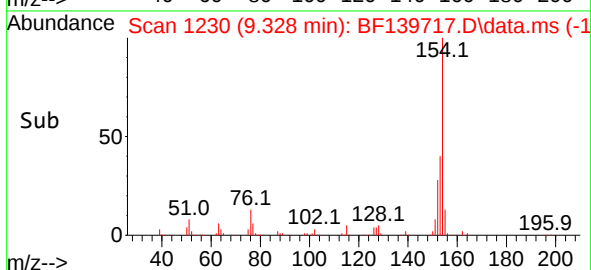
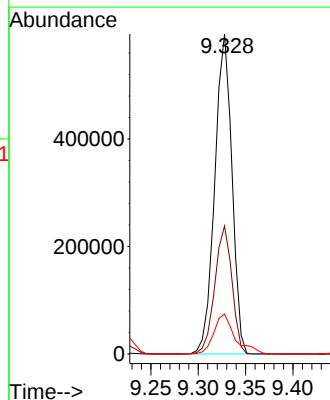
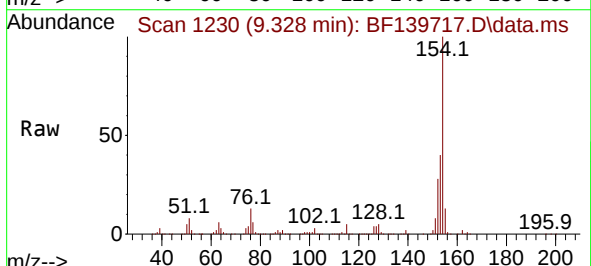
Tgt Ion:154 Resp: 752616

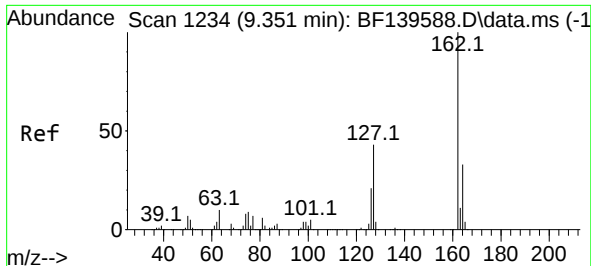
Ion Ratio Lower Upper

154 100

153 40.0 20.1 60.1

76 12.5 0.0 32.6





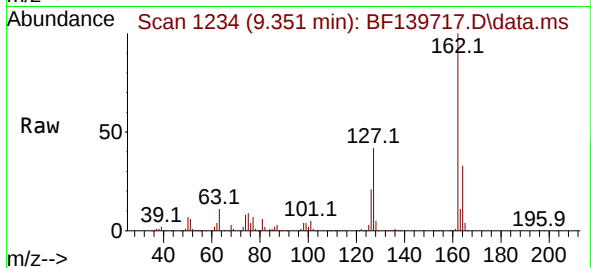
#47
2-Chloronaphthalene
Concen: 44.817 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS



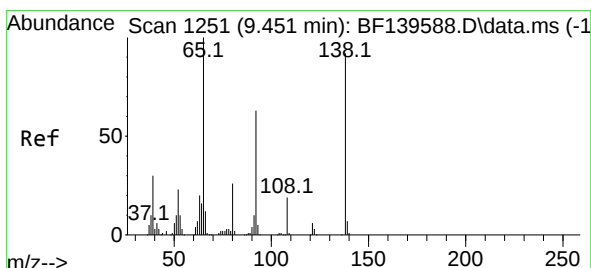
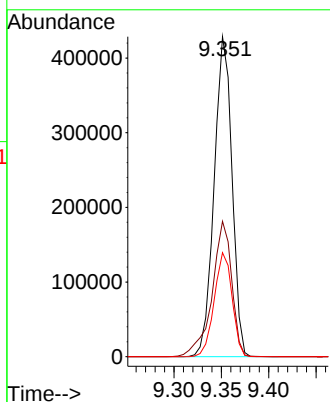
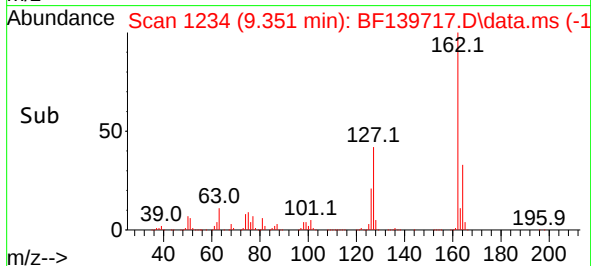
Tgt Ion:162 Resp: 562110
Ion Ratio Lower Upper
162 100
127 42.3 35.0 52.4
164 32.5 26.1 39.1

Manual Integrations

APPROVED

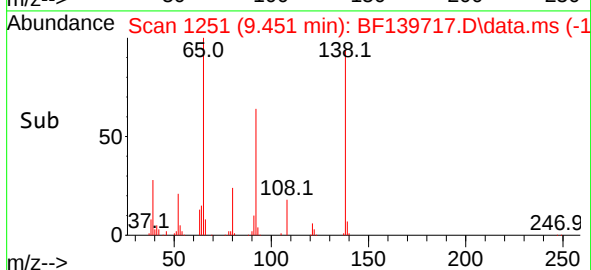
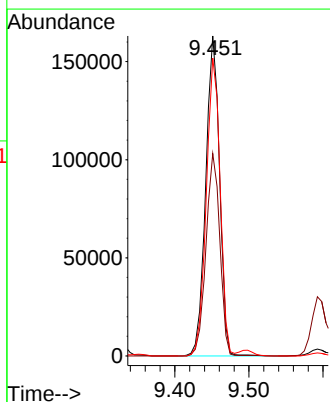
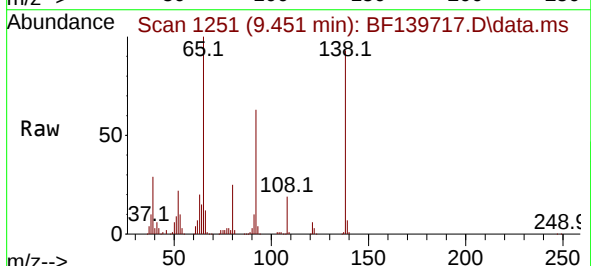
Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#48
2-Nitroaniline
Concen: 47.016 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion: 65 Resp: 211681
Ion Ratio Lower Upper
65 100
92 63.3 50.0 75.0
138 93.1 73.8 110.8





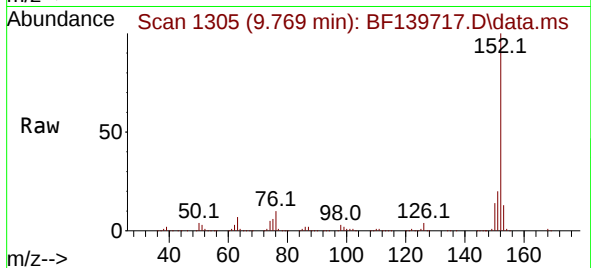
#49
Acenaphthylene
Concen: 48.154 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS



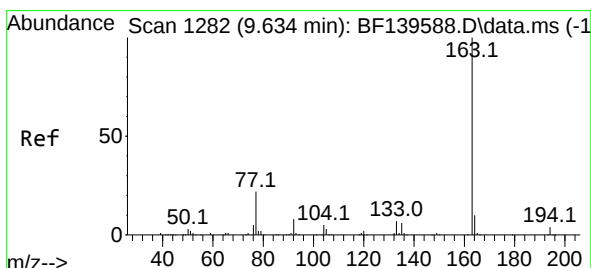
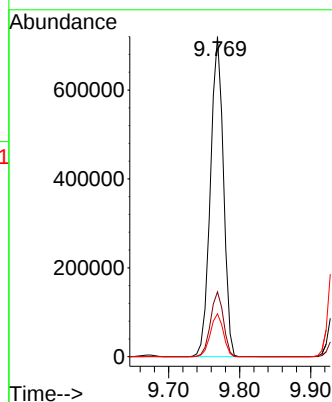
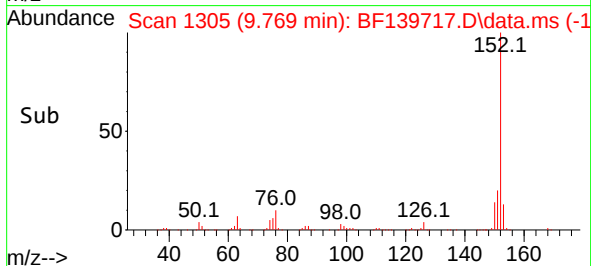
Tgt Ion:152 Resp: 91849
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.4 10.5 15.7

Manual Integrations

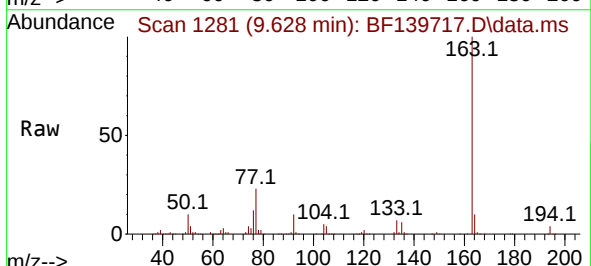
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

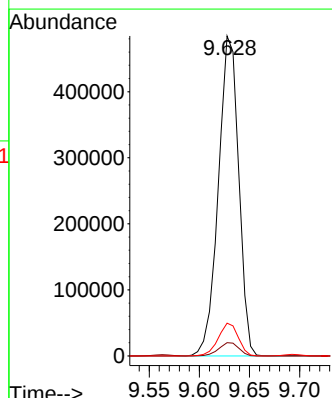
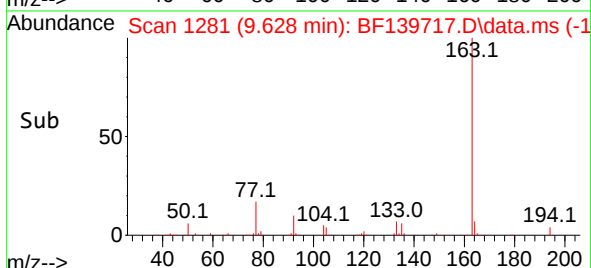
Supervised By :mohammad ahmed 10/10/2024

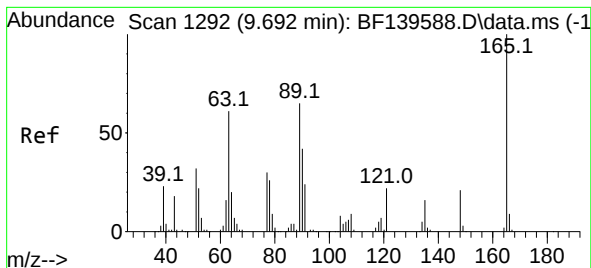


#50
Dimethylphthalate
Concen: 46.390 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37



Tgt Ion:163 Resp: 683086
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 45.419 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

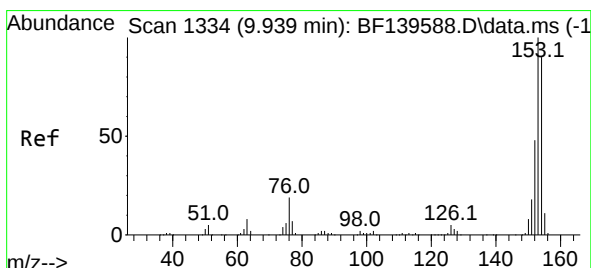
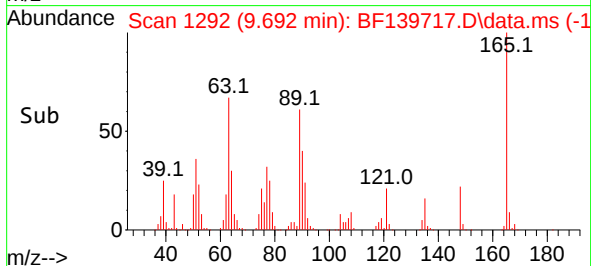
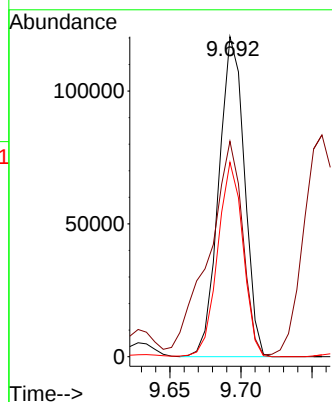
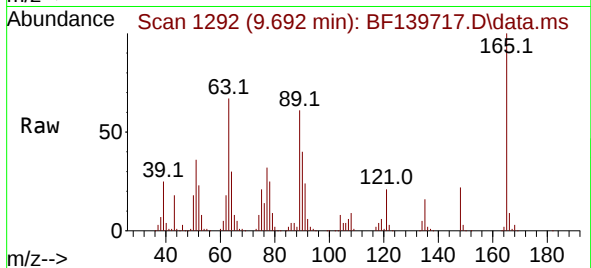
PB163987BS

Tgt Ion:165 Resp: 151070
Ion Ratio Lower Upper
165 100
63 67.3 56.7 85.1
89 60.8 51.6 77.4

Manual Integrations

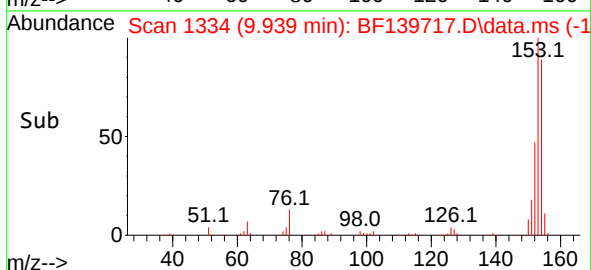
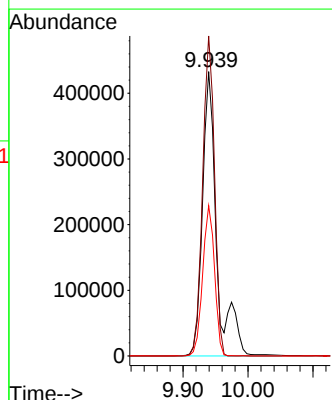
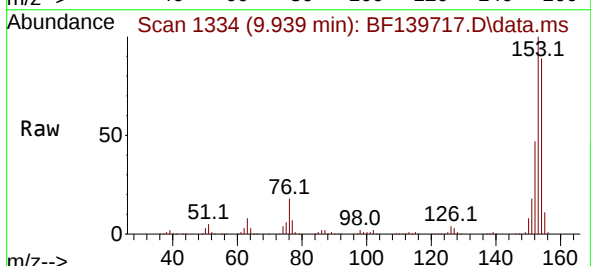
APPROVED

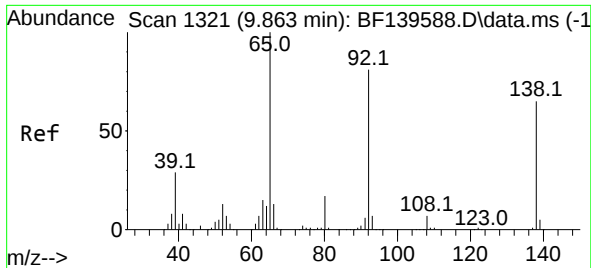
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#52
Acenaphthene
Concen: 50.494 ng m
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:154 Resp: 661181
Ion Ratio Lower Upper
154 100
153 112.5 88.8 133.2
152 52.8 42.5 63.7





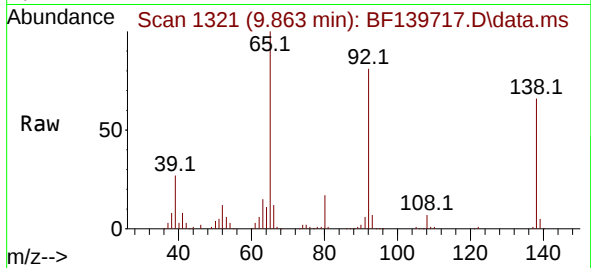
#53
3-Nitroaniline
Concen: 28.271 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS



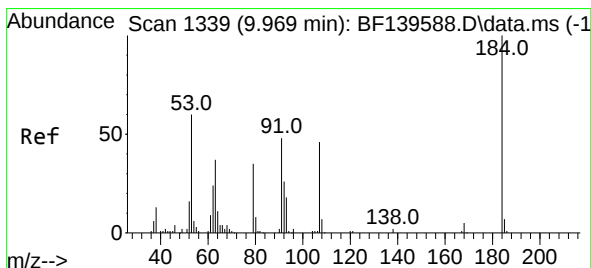
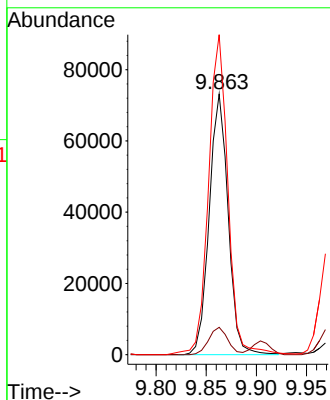
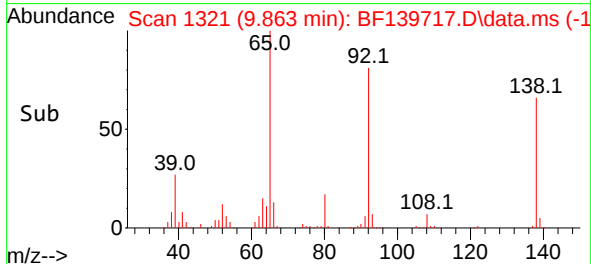
Tgt Ion:138 Resp: 9609
Ion Ratio Lower Upper
138 100
108 10.5 8.8 13.2
92 122.8 100.0 150.0

Manual Integrations

APPROVED

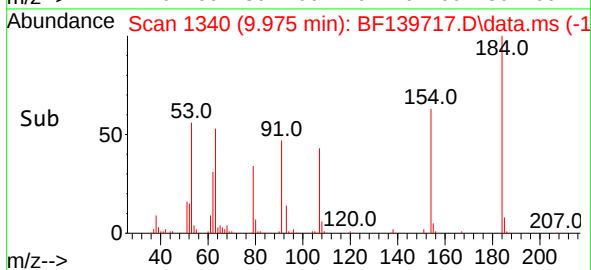
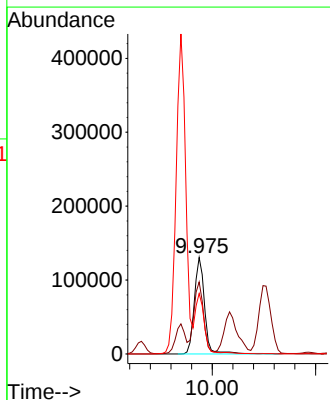
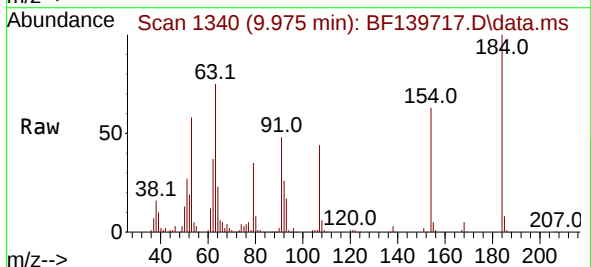
Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#54
2,4-Dinitrophenol
Concen: 101.209 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:184 Resp: 181071
Ion Ratio Lower Upper
184 100
63 74.7 61.7 92.5
154 62.8 53.0 79.4





#55
Dibenzenofuran
Concen: 45.764 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

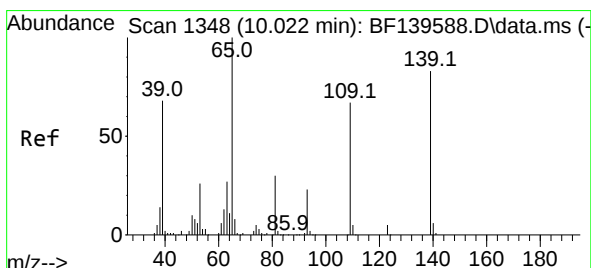
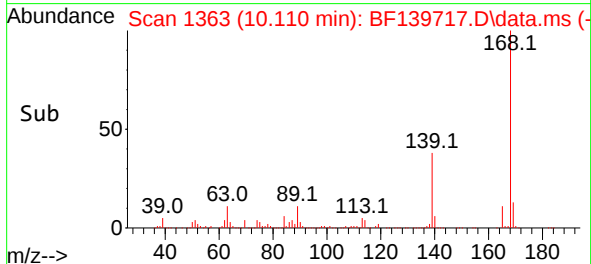
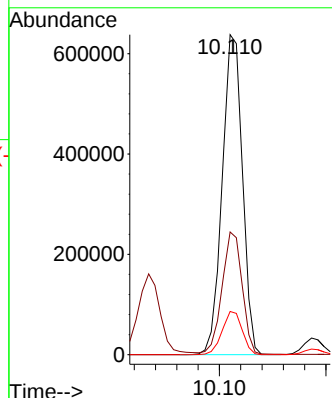
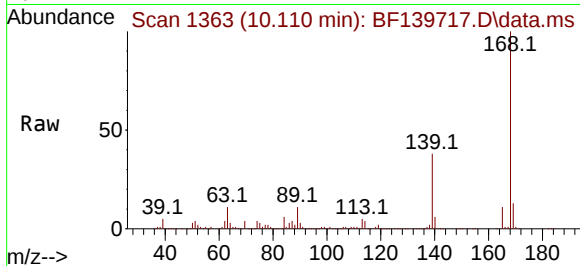
ClientSampleId :

PB163987BS

Tgt Ion:168 Resp: 839023
Ion Ratio Lower Upper
168 100
139 38.4 30.4 45.6
169 13.5 10.7 16.1

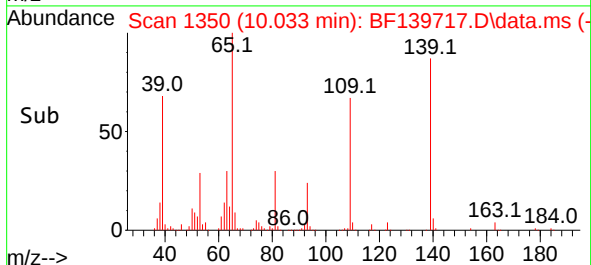
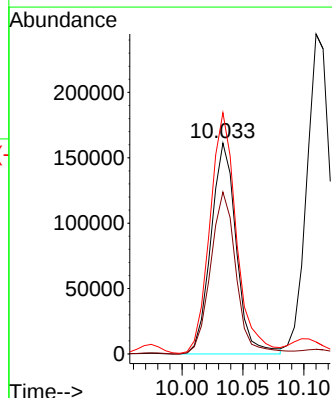
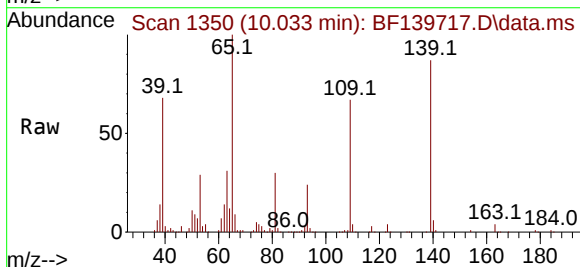
Manual Integrations
APPROVED

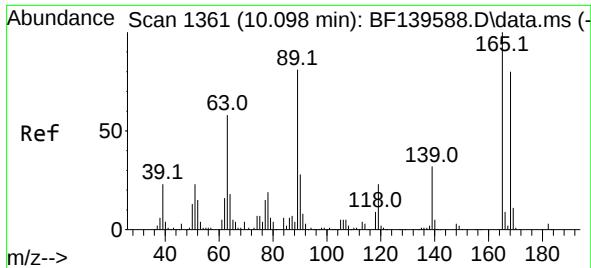
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#56
4-Nitrophenol
Concen: 90.048 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:139 Resp: 233418
Ion Ratio Lower Upper
139 100
109 76.8 60.3 100.3
65 114.4 100.8 140.8





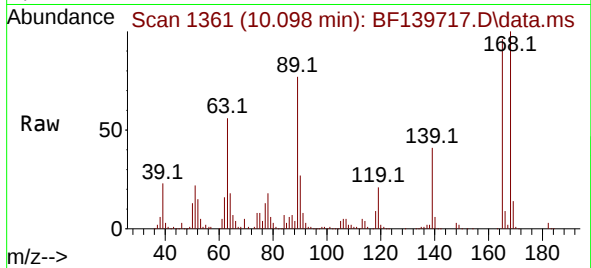
#57
2,4-Dinitrotoluene
Concen: 46.705 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS

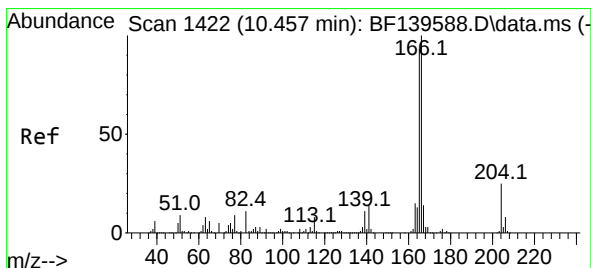
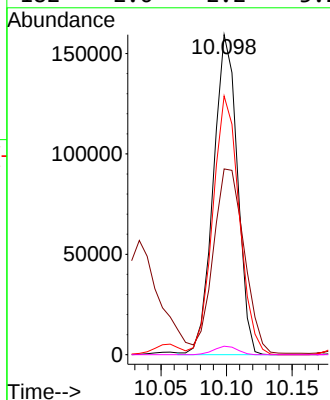
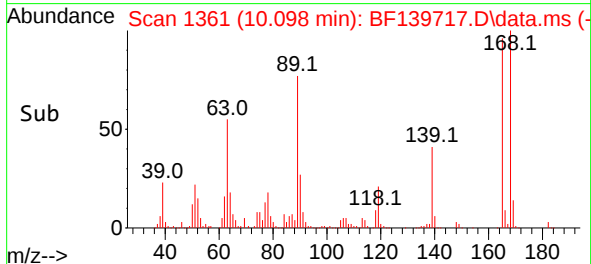


Tgt Ion:165 Resp: 203060
Ion Ratio Lower Upper
165 100
63 58.1 46.9 70.3
89 80.9 64.4 96.6
182 2.6 2.2 3.2

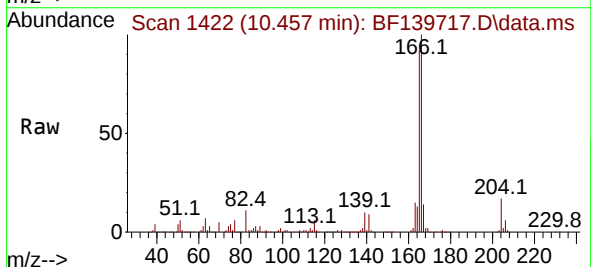
Manual Integrations

APPROVED

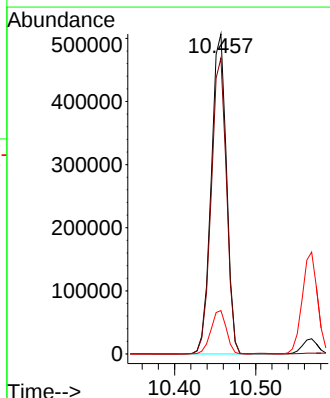
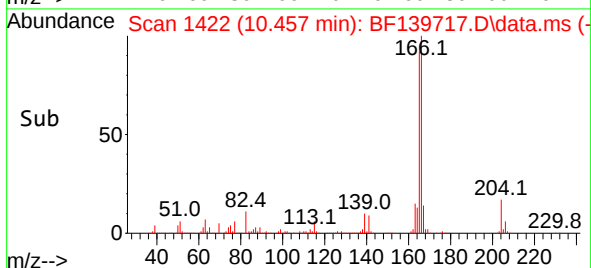
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#58
Fluorene
Concen: 45.304 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37



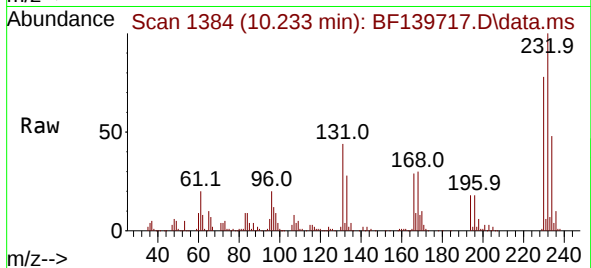
Tgt Ion:166 Resp: 661549
Ion Ratio Lower Upper
166 100
165 92.4 74.4 111.6
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.149 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

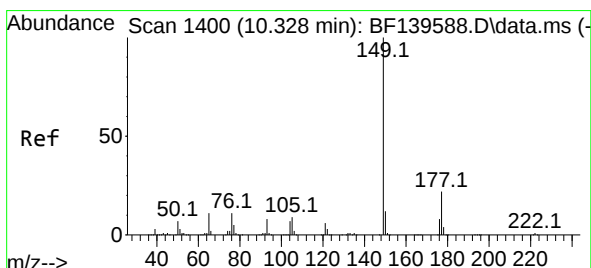
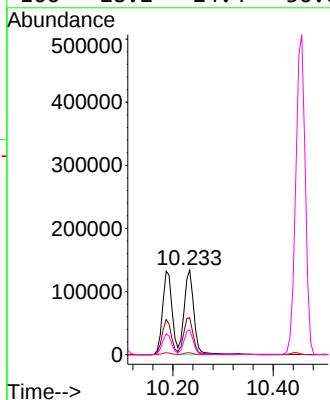
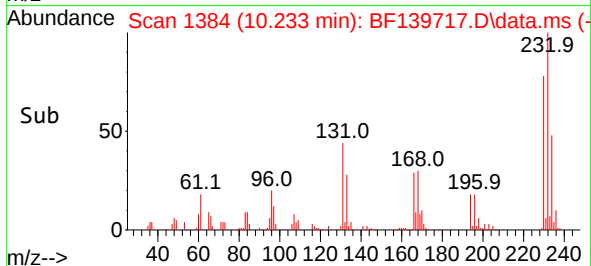
Instrument :
BNA_F
ClientSampleId :
PB163987BS



Tgt Ion:232 Resp: 180261
Ion Ratio Lower Upper
232 100
131 44.0 37.8 56.6
130 2.3 1.9 2.9
166 28.2 24.4 36.6

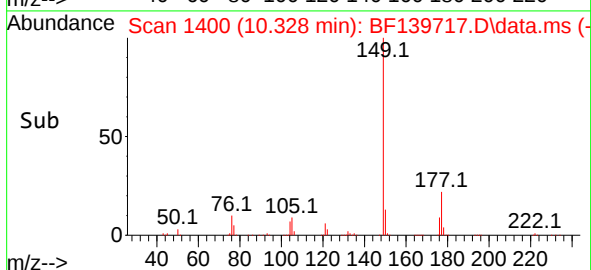
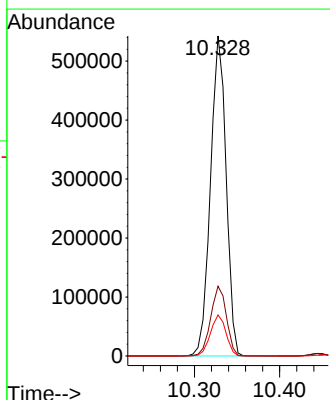
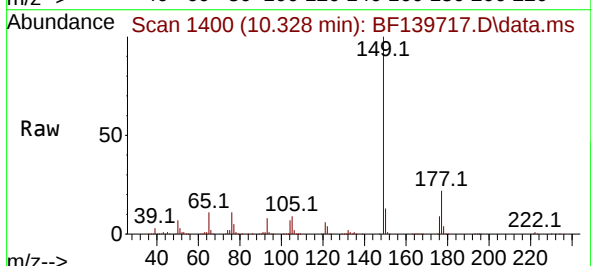
Manual Integrations
APPROVED

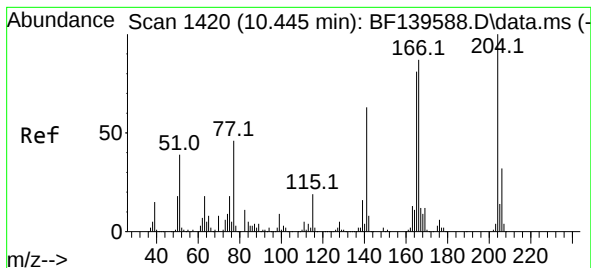
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#60
Diethylphthalate
Concen: 45.642 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:149 Resp: 694165
Ion Ratio Lower Upper
149 100
177 21.8 17.4 26.0
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 43.565 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

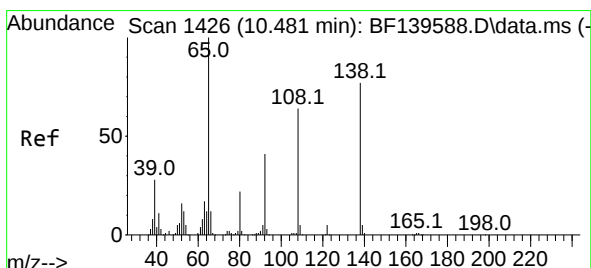
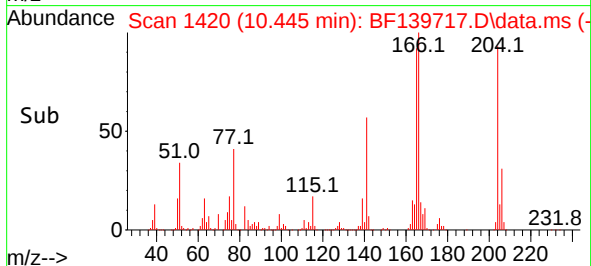
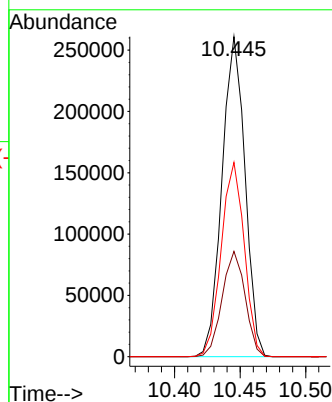
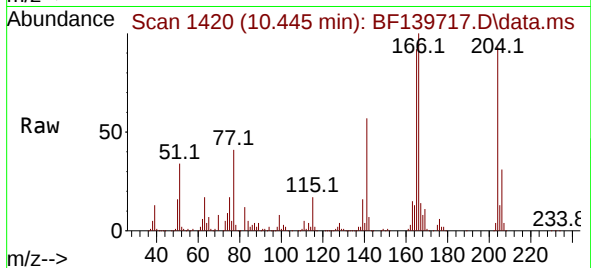
PB163987BS

Tgt Ion:204 Resp: 31826
Ion Ratio Lower Upper
204 100
206 32.9 25.9 38.9
141 60.7 50.5 75.7

Manual Integrations

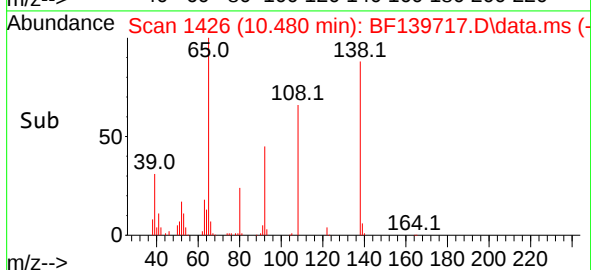
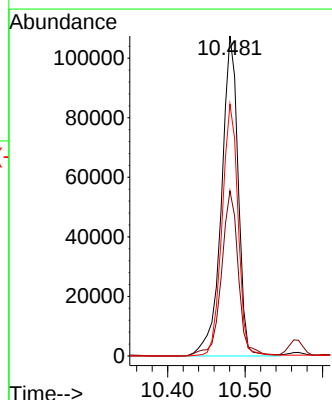
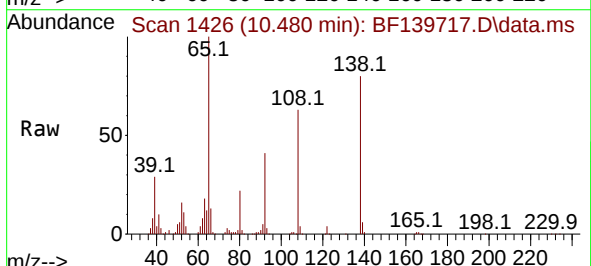
APPROVED

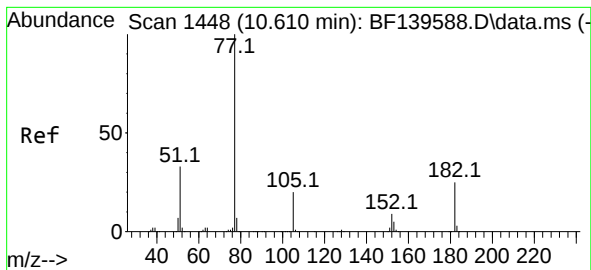
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#62
4-Nitroaniline
Concen: 46.527 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:138 Resp: 161771
Ion Ratio Lower Upper
138 100
92 51.6 33.3 73.3
108 78.7 62.1 102.1





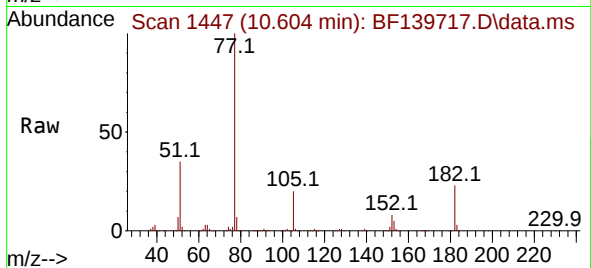
#63
Azobenzene
Concen: 45.879 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS



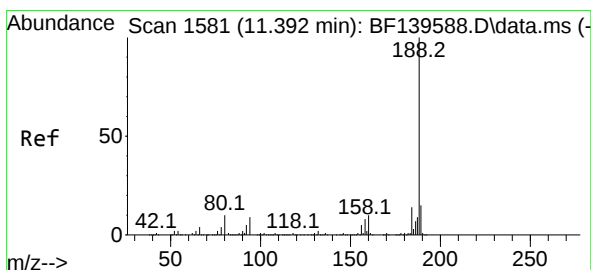
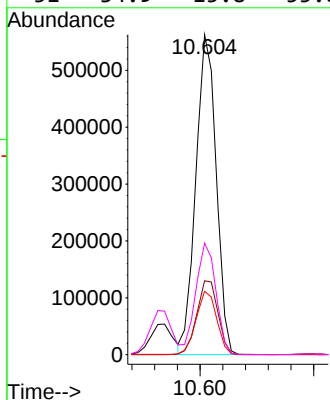
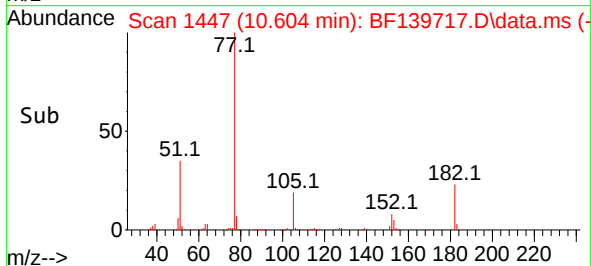
Tgt Ion: 77 Resp: 701733
Ion Ratio Lower Upper
77 100
182 23.1 4.2 44.2
105 19.8 0.0 39.6
51 34.9 15.8 55.8

Manual Integrations

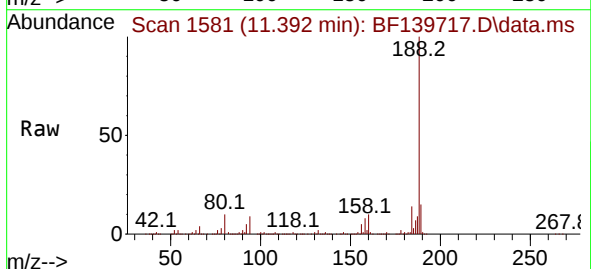
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

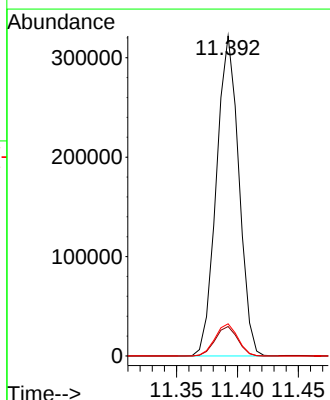
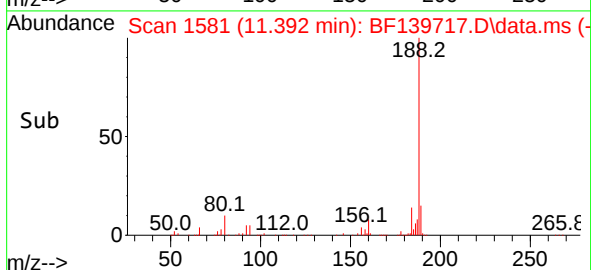
Supervised By :mohammad ahmed 10/10/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37



Tgt Ion:188 Resp: 413544
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.0 8.2 12.2





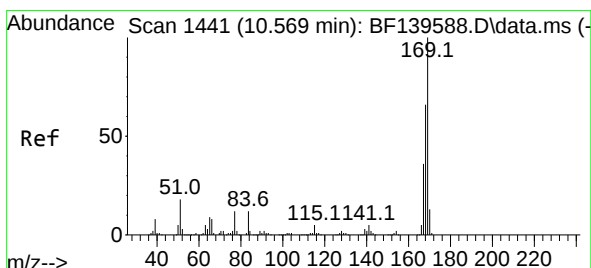
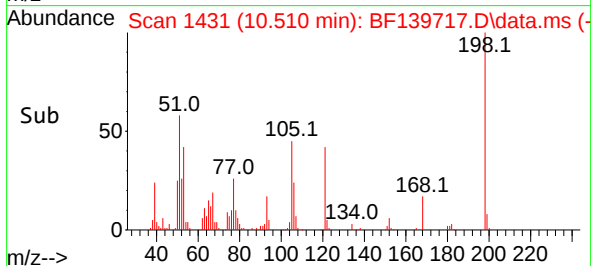
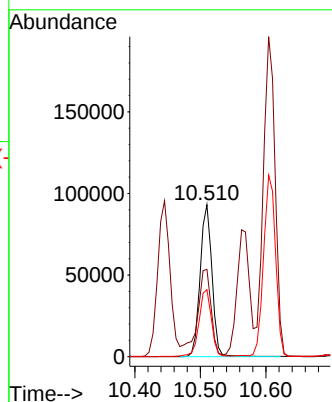
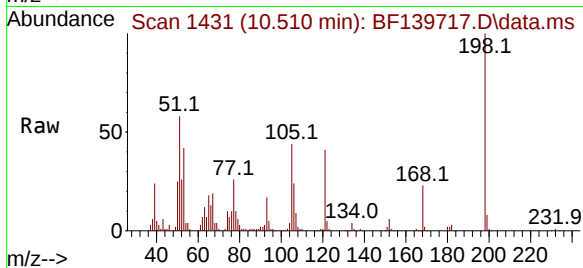
#65
4,6-Dinitro-2-methylphenol
Concen: 50.249 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :
BNA_F
ClientSampleId :
PB163987BS

Tgt Ion:198 Resp: 11736
Ion Ratio Lower Upper
198 100
51 57.5 43.0 83.0
105 44.2 26.6 66.6

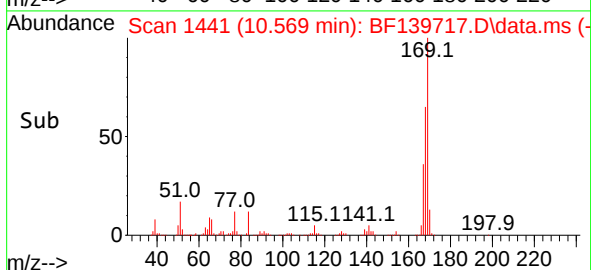
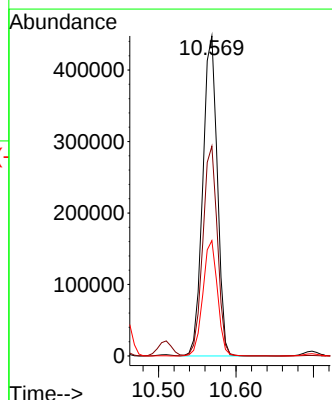
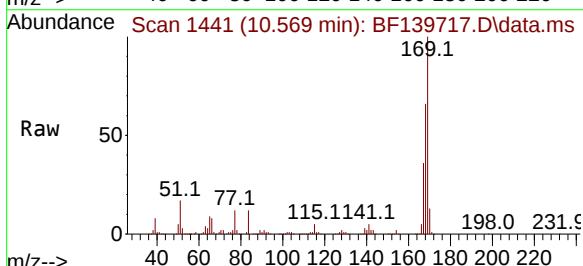
Manual Integrations
APPROVED

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



#66
n-Nitrosodiphenylamine
Concen: 47.672 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:169 Resp: 581108
Ion Ratio Lower Upper
169 100
168 65.6 53.2 79.8
167 36.1 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 46.061 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

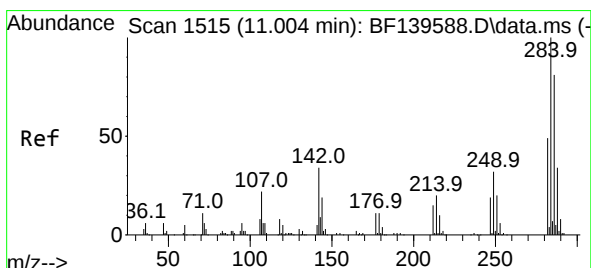
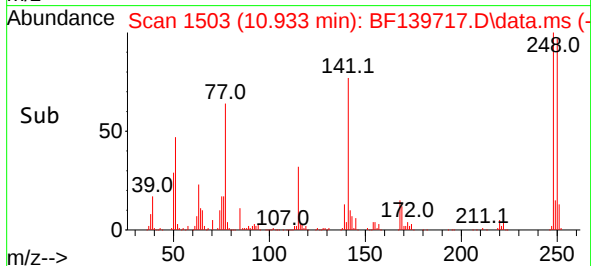
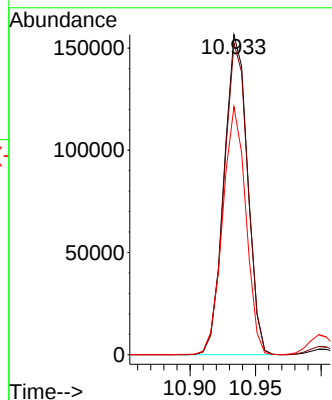
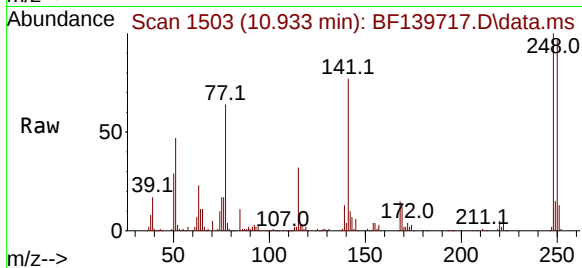
PB163987BS

Tgt Ion:248 Resp: 195304
Ion Ratio Lower Upper
248 100
250 97.4 77.1 115.7
141 77.5 60.4 90.6

Manual Integrations

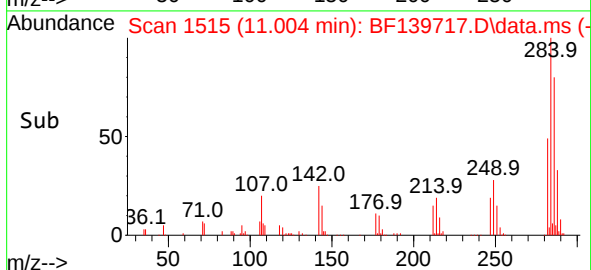
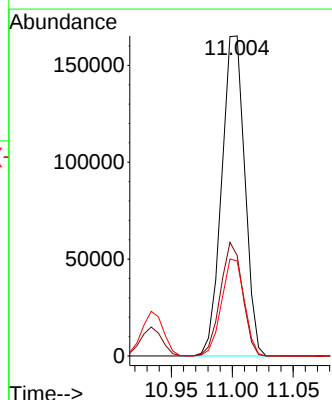
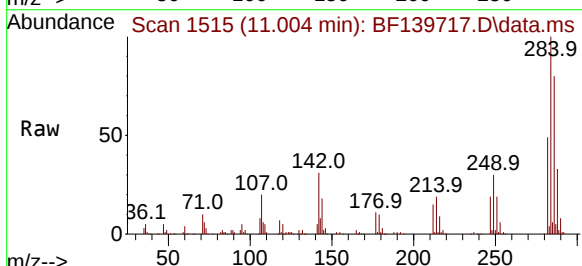
APPROVED

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



#68
Hexachlorobenzene
Concen: 46.308 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:284 Resp: 217879
Ion Ratio Lower Upper
284 100
142 31.4 26.9 40.3
249 29.7 25.4 38.0





#69

Atrazine

Concen: 57.861 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139717.D

Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS

Tgt Ion:200 Resp: 18923

Ion Ratio Lower Upper

200 100

173 27.3 6.7 46.7

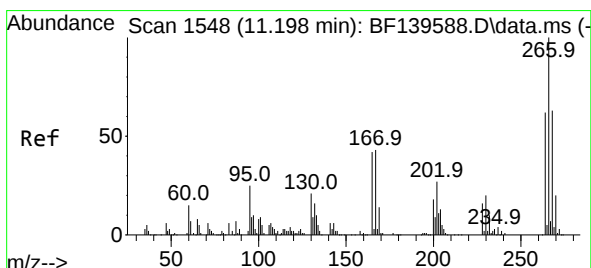
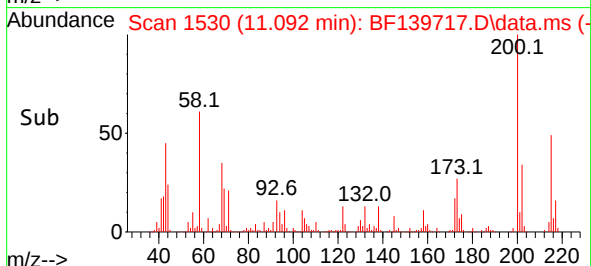
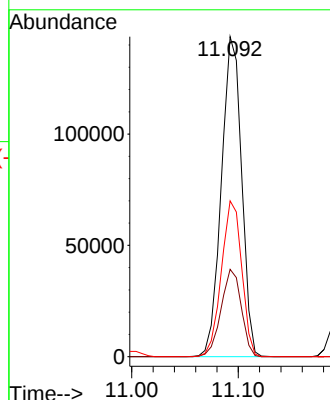
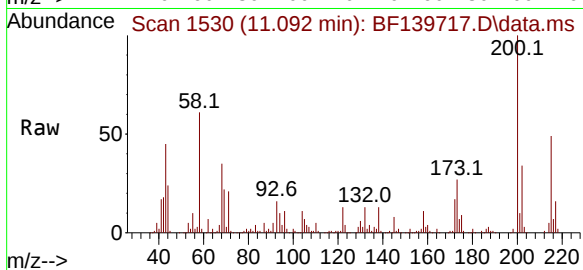
215 48.7 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#70

Pentachlorophenol

Concen: 86.153 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139717.D

Acq: 09 Oct 2024 12:37

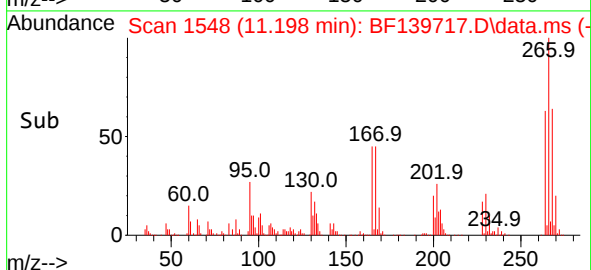
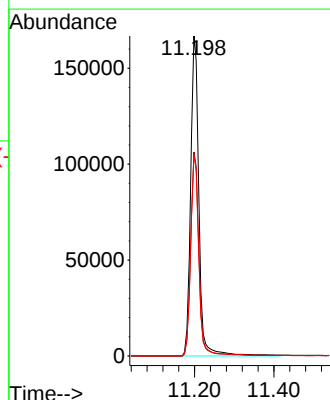
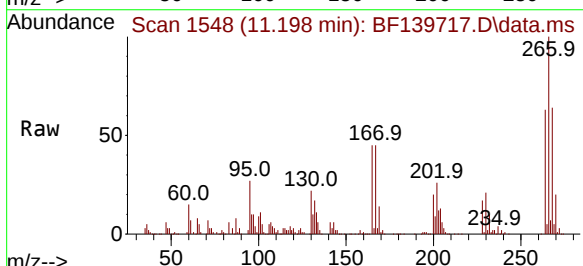
Tgt Ion:266 Resp: 241366

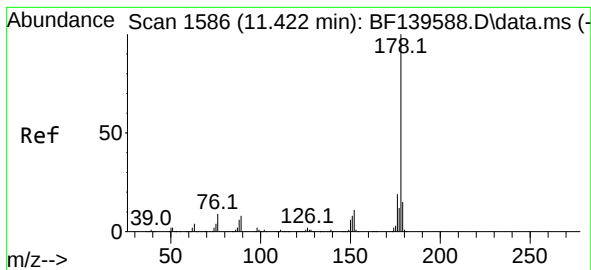
Ion Ratio Lower Upper

266 100

268 63.7 50.0 75.0

264 63.1 49.3 73.9





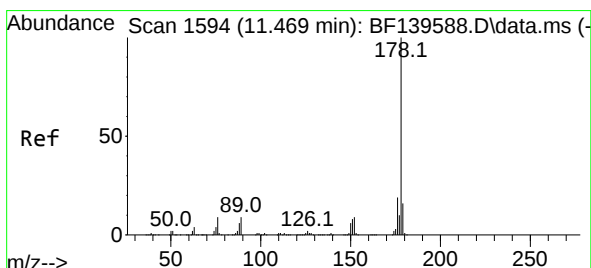
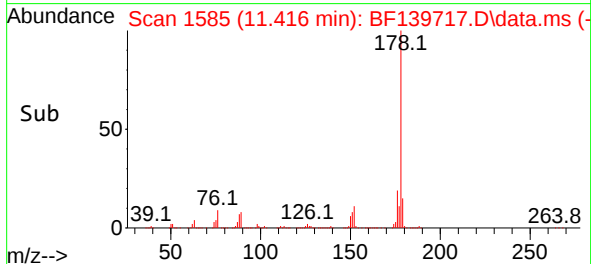
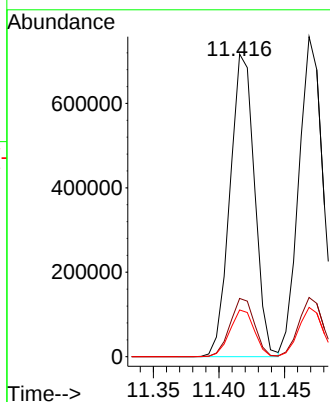
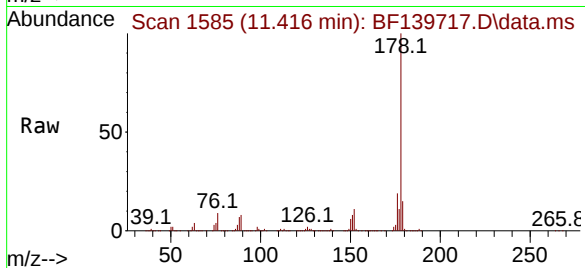
#71
Phenanthrene
Concen: 47.963 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :
BNA_F
ClientSampleId :
PB163987BS

Tgt Ion:178 Resp: 93521
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.5 12.3 18.5

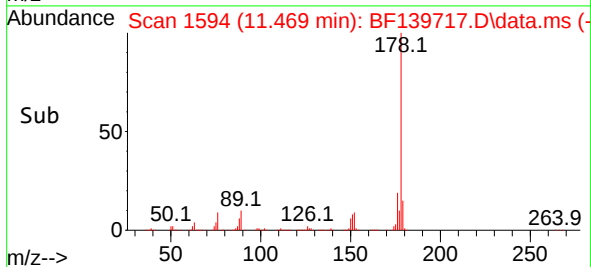
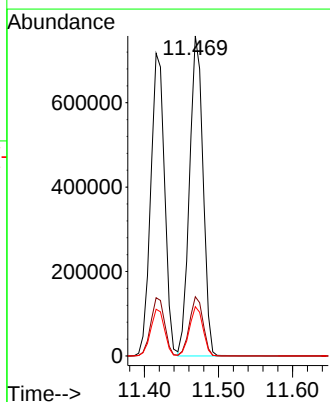
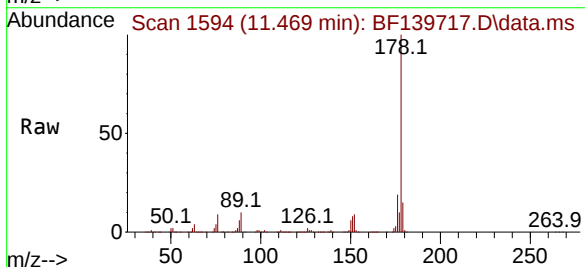
Manual Integrations
APPROVED

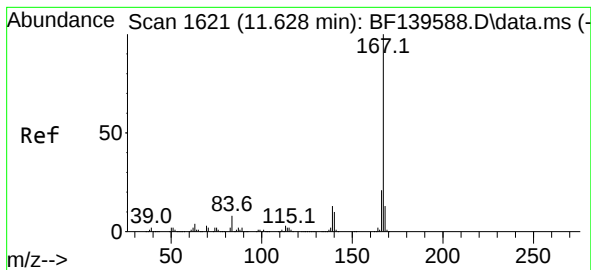
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#72
Anthracene
Concen: 49.714 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

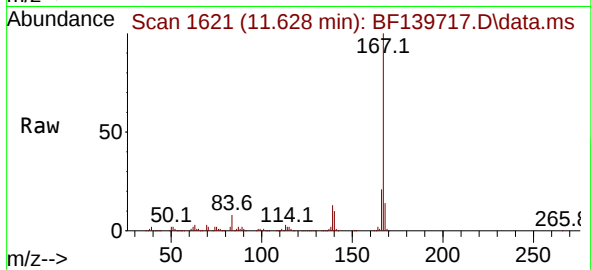
Tgt Ion:178 Resp: 959005
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.4 12.5 18.7





#73
 Carbazole
 Concen: 46.384 ng
 RT: 11.628 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139717.D
 Acq: 09 Oct 2024 12:37

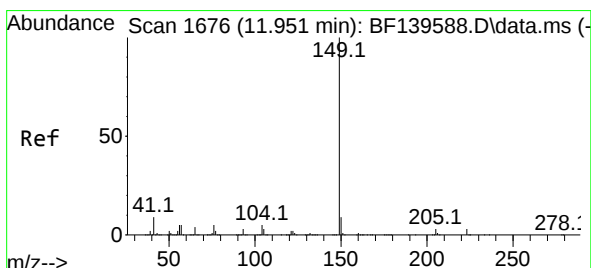
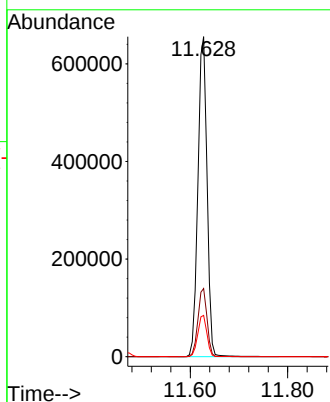
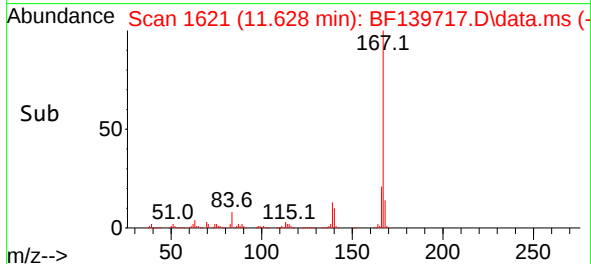
Instrument :
 BNA_F
 ClientSampleId :
 PB163987BS



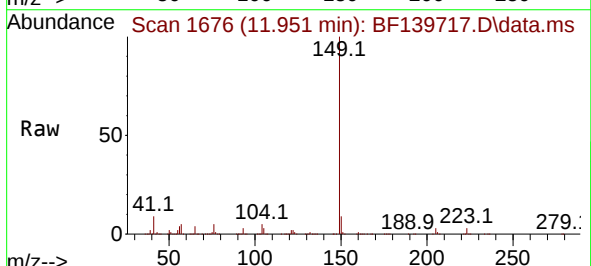
Tgt Ion:167 Resp: 85936
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.9 10.3 15.5

Manual Integrations
 APPROVED

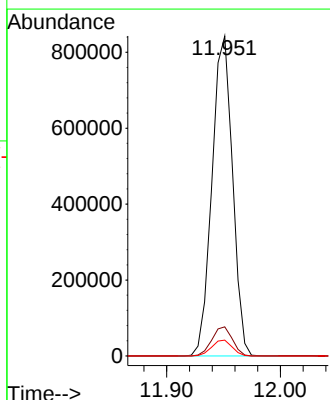
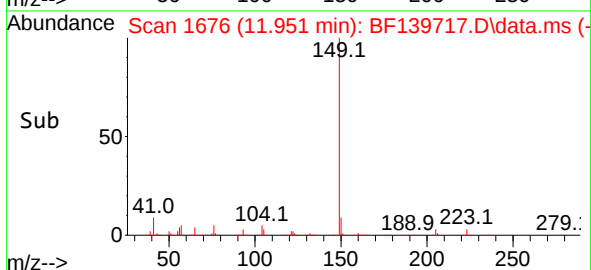
Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/10/2024

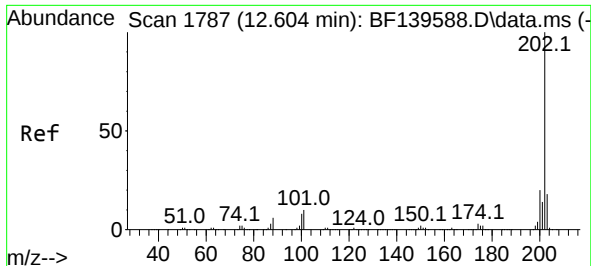


#74
 Di-n-butylphthalate
 Concen: 47.059 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF139717.D
 Acq: 09 Oct 2024 12:37



Tgt Ion:149 Resp: 1060232
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.9 4.1 6.1





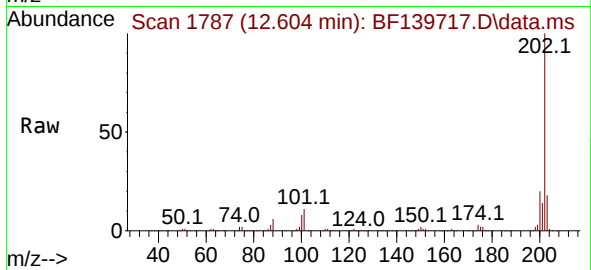
#75
Fluoranthene
Concen: 45.579 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS



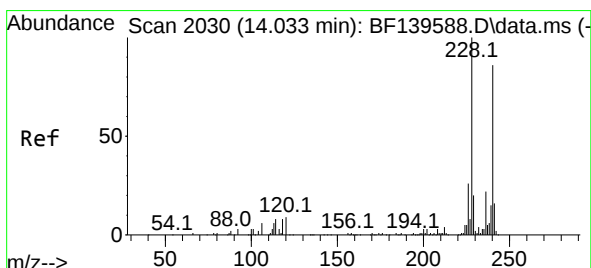
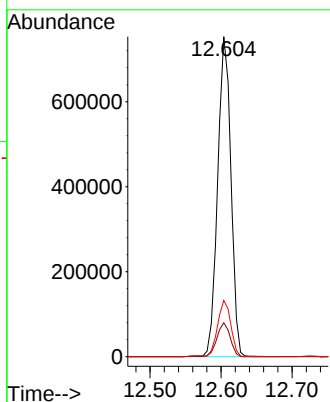
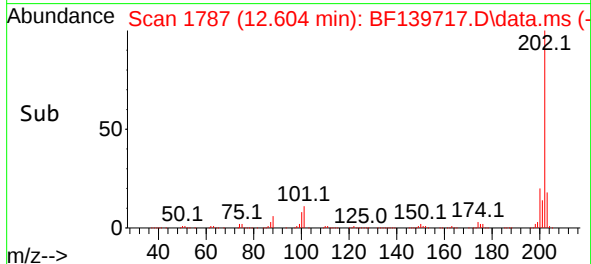
Tgt Ion:202 Resp: 97152
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.2
203 17.6 0.0 37.7

Manual Integrations

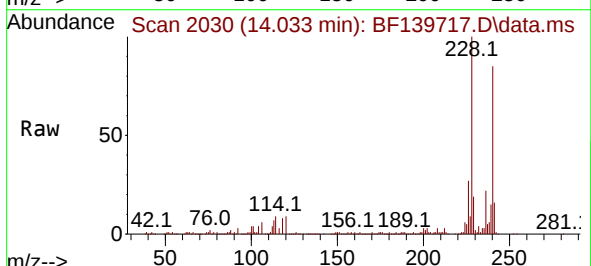
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

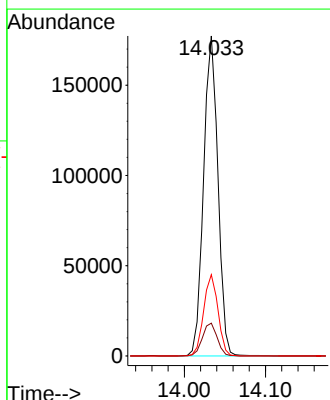
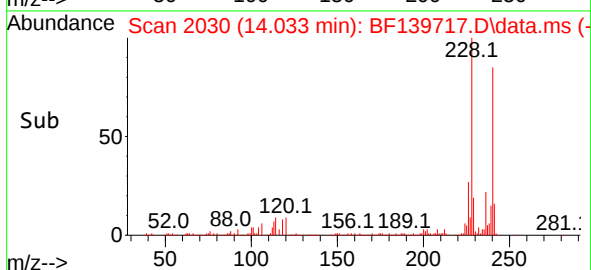
Supervised By :mohammad ahmed 10/10/2024

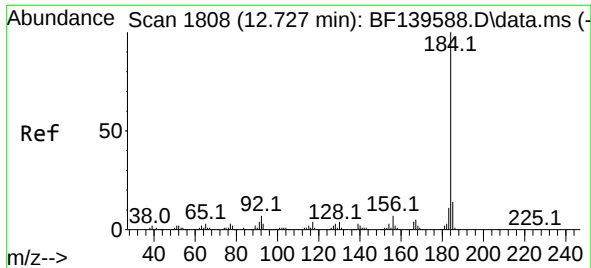


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37



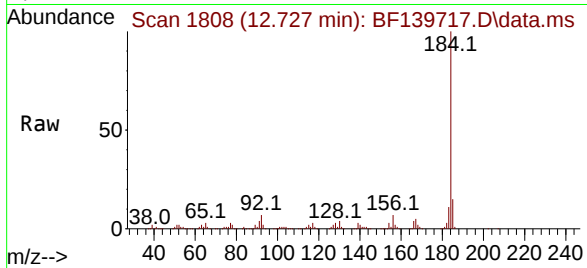
Tgt Ion:240 Resp: 217053
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 25.4 20.3 30.5





#77
Benzidine
Concen: 84.616 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

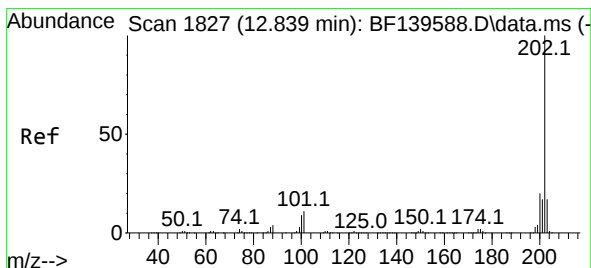
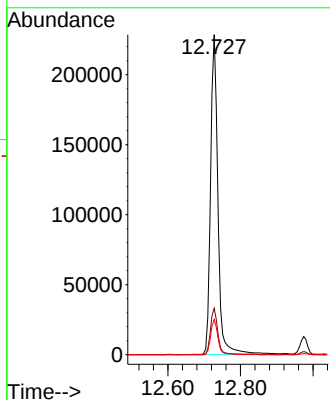
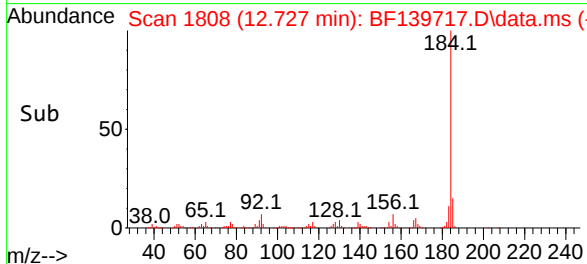
Instrument :
BNA_F
ClientSampleId :
PB163987BS



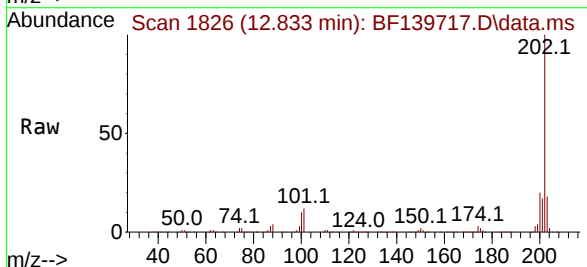
Tgt Ion:184 Resp: 32395
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.0
183 11.0 8.8 13.2

Manual Integrations
APPROVED

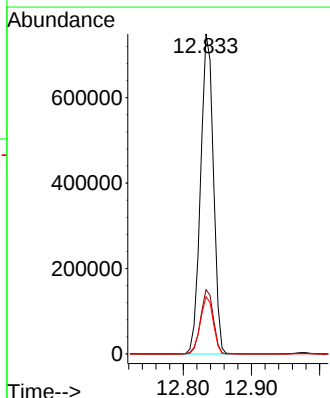
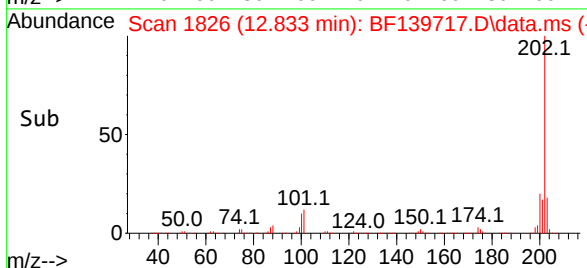
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

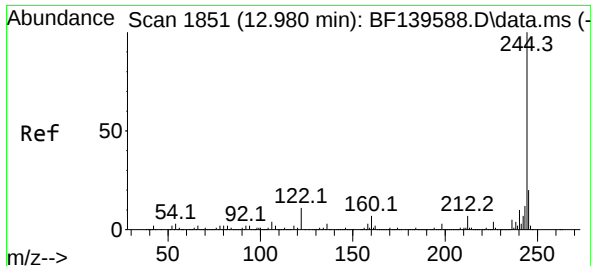


#78
Pyrene
Concen: 50.542 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37



Tgt Ion:202 Resp: 981164
Ion Ratio Lower Upper
202 100
200 20.1 15.8 23.6
203 17.9 13.8 20.8





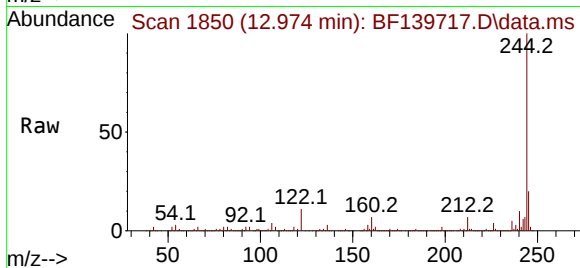
#79
 Terphenyl-d14
 Concen: 91.811 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139717.D
 Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS



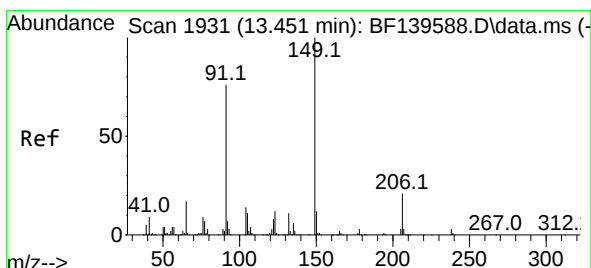
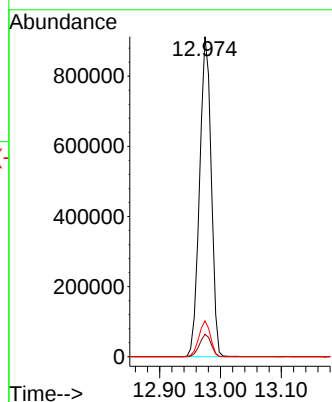
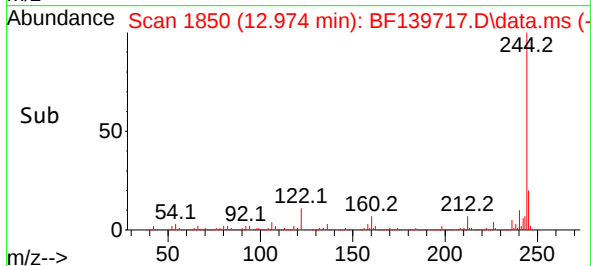
Tgt Ion:244 Resp: 1214499
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 11.2 8.6 12.8

Manual Integrations

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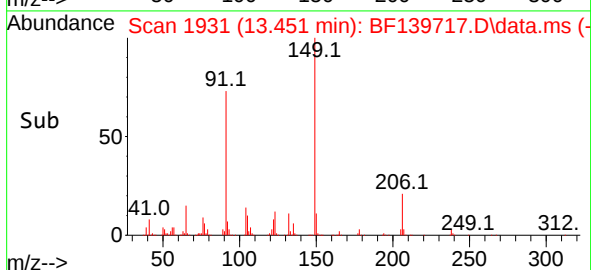
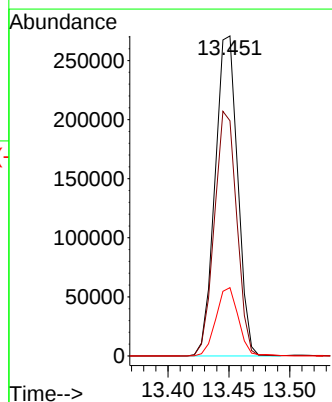
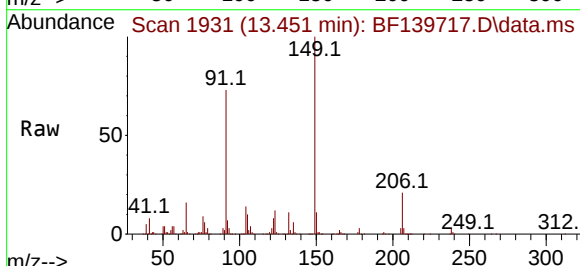
Reviewed By :Yogesh Patel 10/10/2024

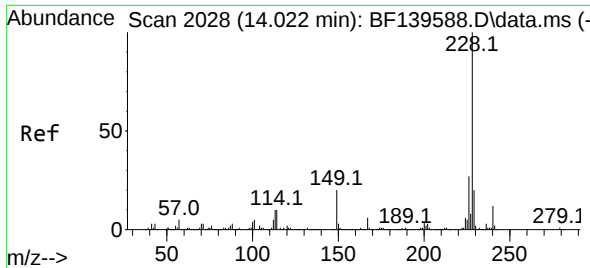
Supervised By :mohammad ahmed 10/10/2024



#80
 Butylbenzylphthalate
 Concen: 50.429 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.000 min
 Lab File: BF139717.D
 Acq: 09 Oct 2024 12:37

Tgt Ion:149 Resp: 350170
 Ion Ratio Lower Upper
 149 100
 91 73.5 61.0 91.4
 206 21.4 16.6 24.8





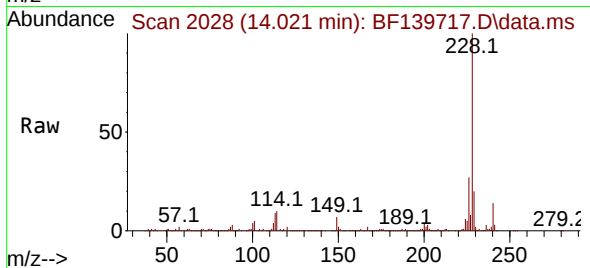
#81
Benzo(a)anthracene
Concen: 48.404 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS



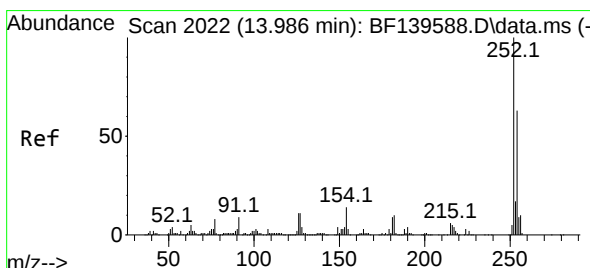
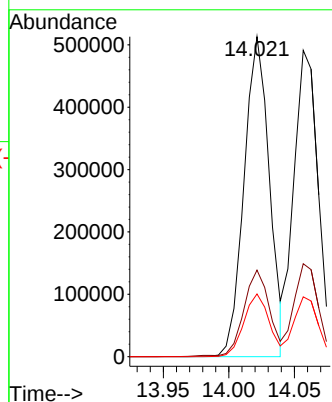
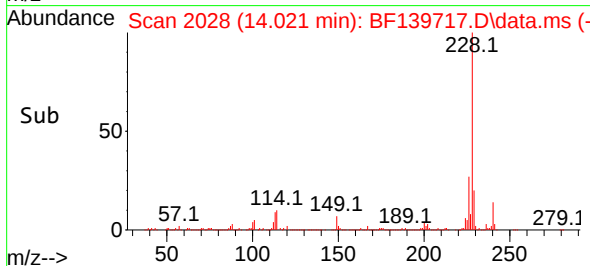
Tgt Ion:228 Resp: 69074
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.6 15.8 23.8

Manual Integrations

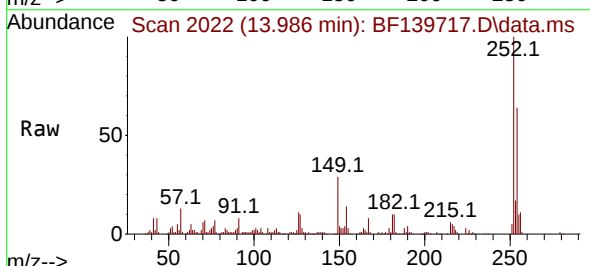
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

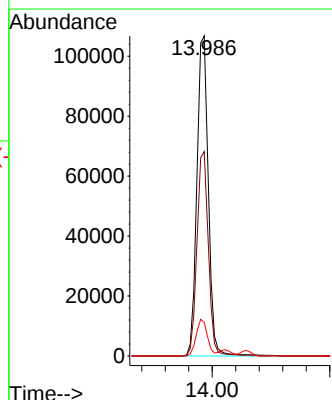
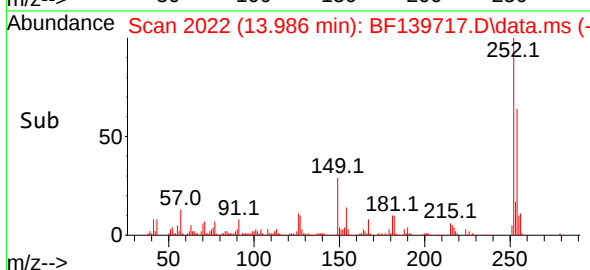
Supervised By :mohammad ahmed 10/10/2024

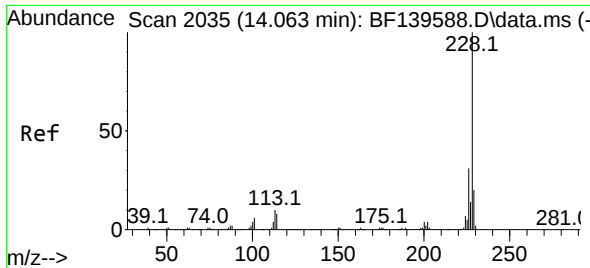


#82
3,3'-Dichlorobenzidine
Concen: 32.962 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37



Tgt Ion:252 Resp: 143956
Ion Ratio Lower Upper
252 100
254 63.8 50.5 75.7
126 10.5 8.8 13.2





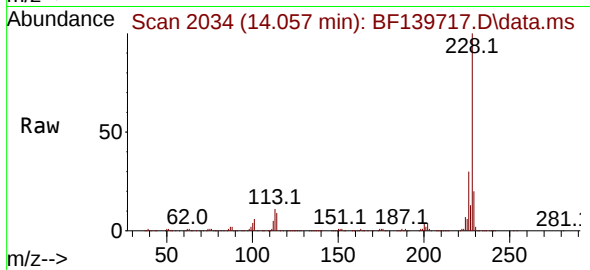
#83
Chrysene
Concen: 48.280 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS



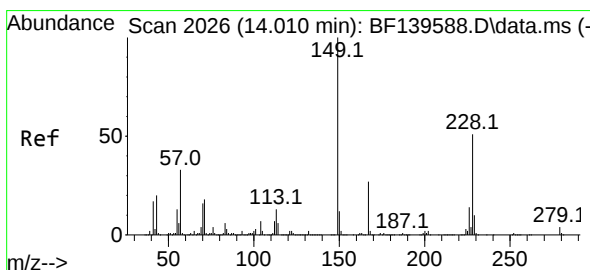
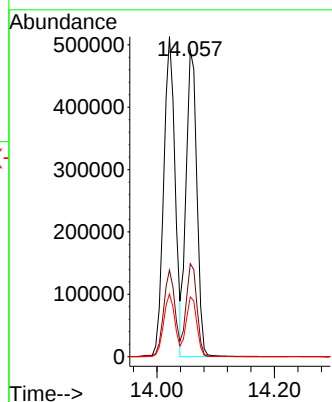
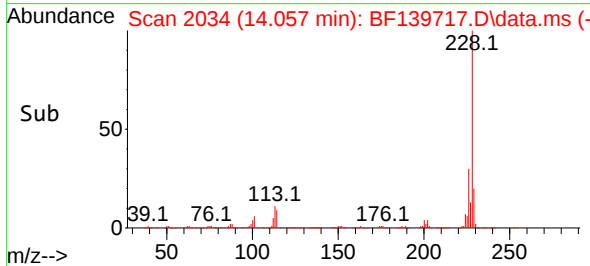
Tgt Ion:228 Resp: 62990
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 19.5 15.7 23.5

Manual Integrations

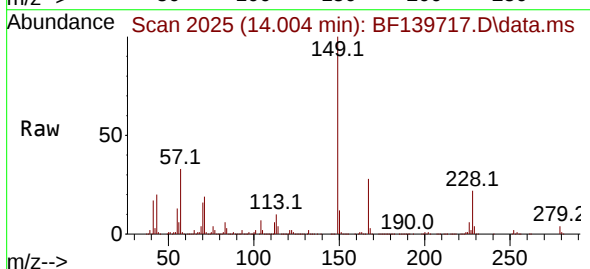
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

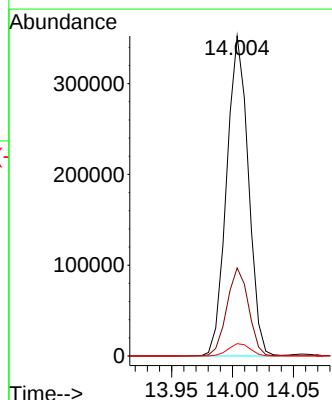
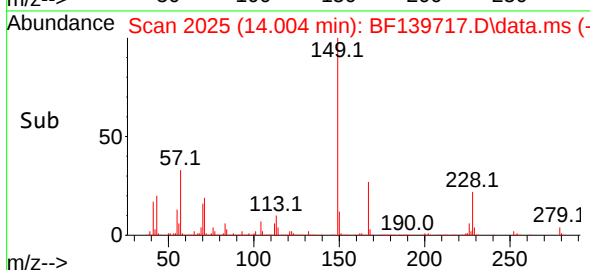
Supervised By :mohammad ahmed 10/10/2024

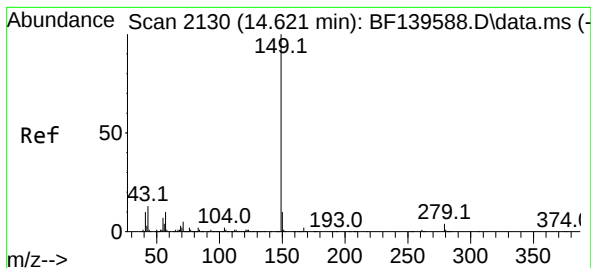


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.497 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37



Tgt Ion:149 Resp: 437846
Ion Ratio Lower Upper
149 100
167 27.5 21.7 32.5
279 3.8 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 50.410 ng

RT: 14.616 min Scan# 2130

Delta R.T. -0.006 min

Lab File: BF139717.D

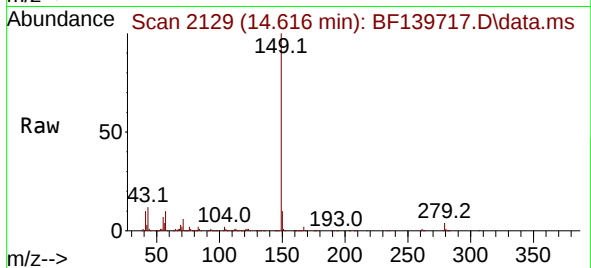
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS



Tgt Ion:149 Resp: 642140

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

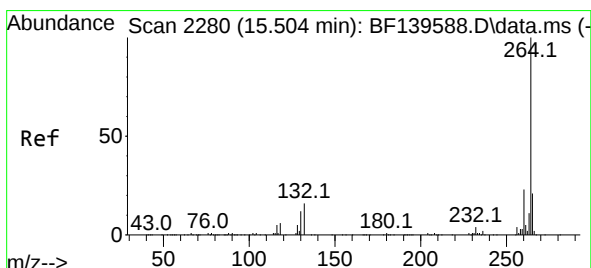
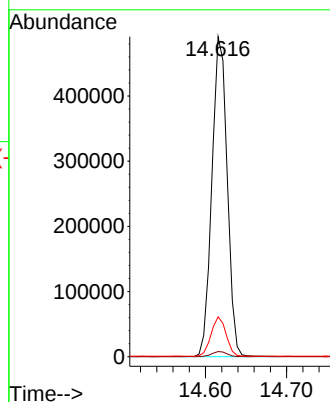
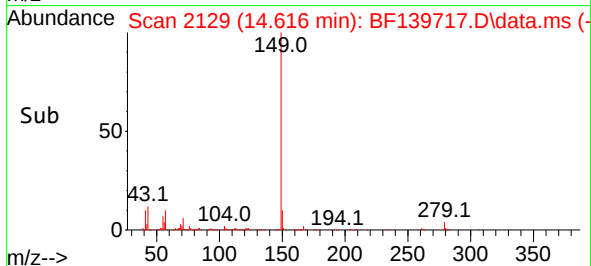
43 12.1 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139717.D

Acq: 09 Oct 2024 12:37

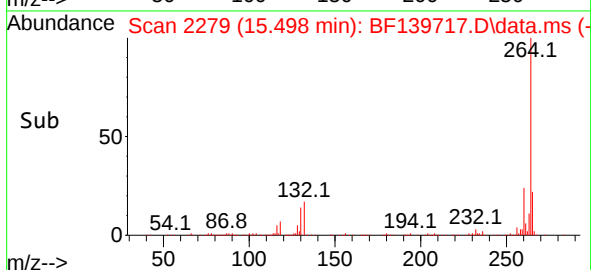
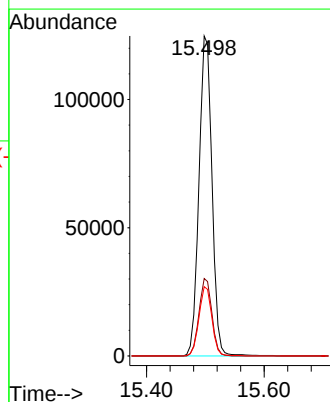
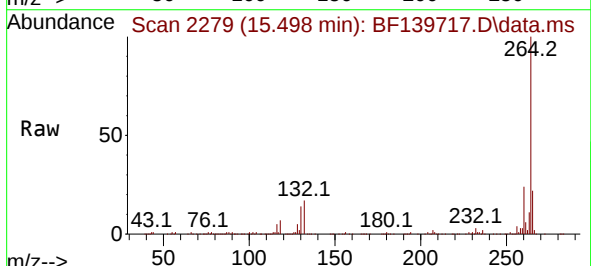
Tgt Ion:264 Resp: 191631

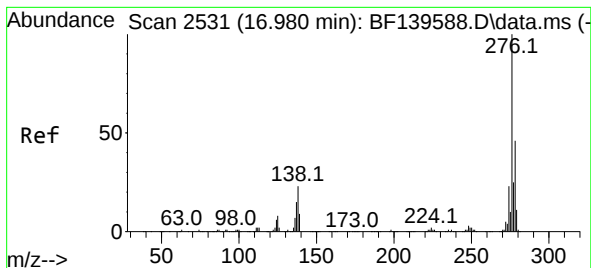
Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.7 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.934 ng

RT: 16.986 min Scan# 2531

Delta R.T. 0.006 min

Lab File: BF139717.D

Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS

Tgt Ion:276 Resp: 630880

Ion Ratio Lower Upper

276 100

138 24.5 19.4 29.0

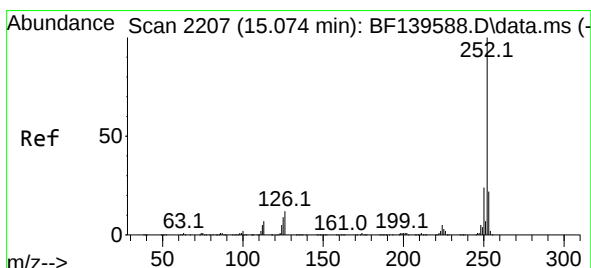
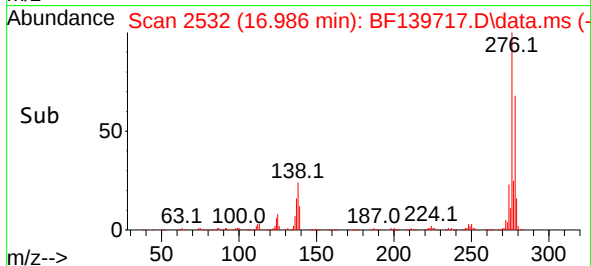
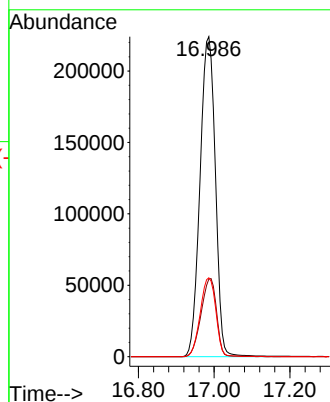
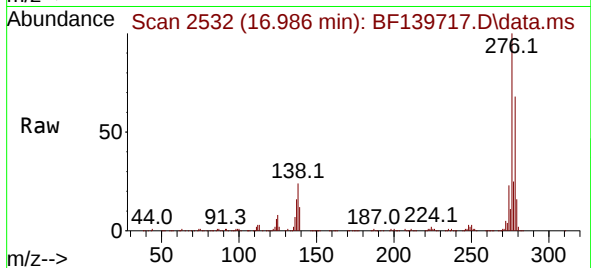
277 25.0 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#88

Benzo(b)fluoranthene

Concen: 45.146 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.000 min

Lab File: BF139717.D

Acq: 09 Oct 2024 12:37

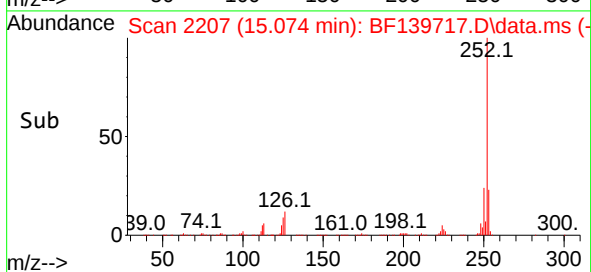
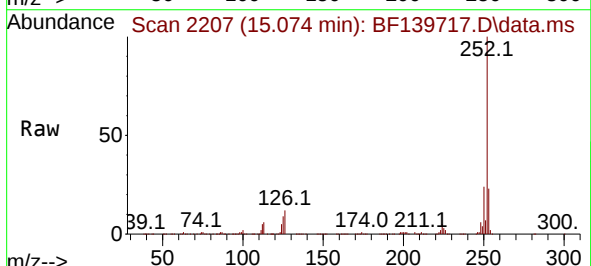
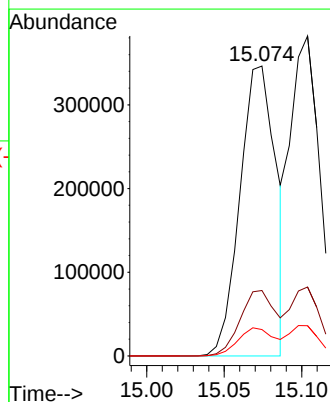
Tgt Ion:252 Resp: 559382

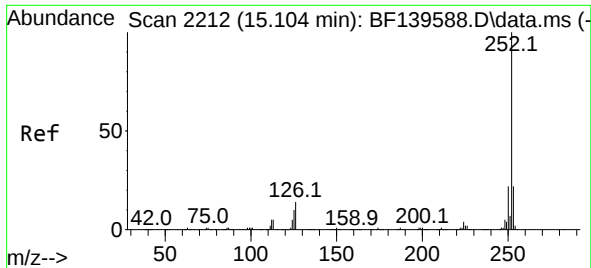
Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

125 9.1 7.4 11.0





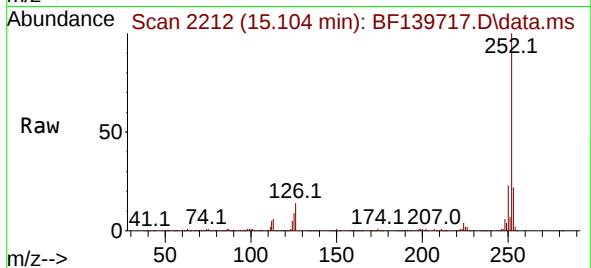
#89
Benzo(k)fluoranthene
Concen: 48.450 ng
RT: 15.104 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS

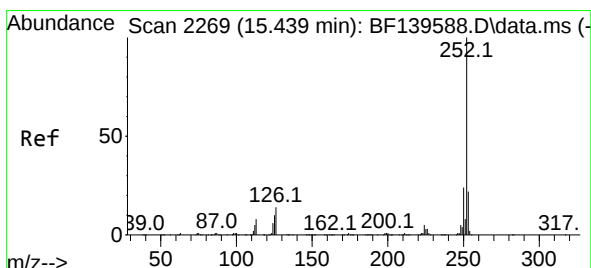
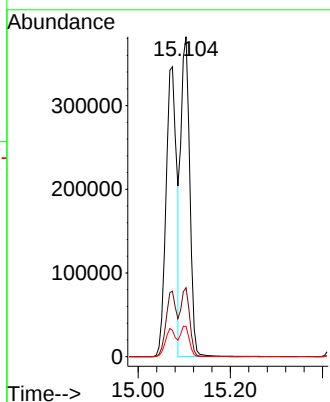
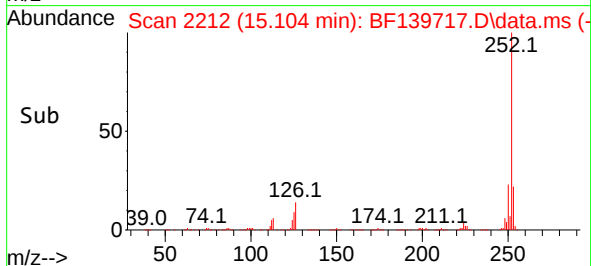


Tgt Ion:252 Resp: 509238
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.4 7.6 11.4

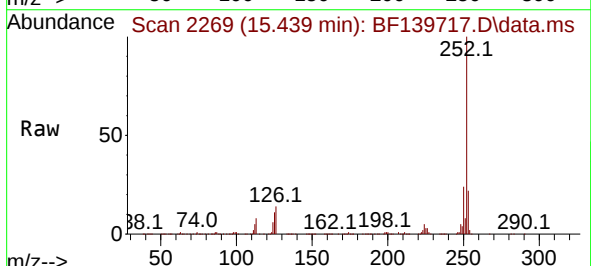
Manual Integrations

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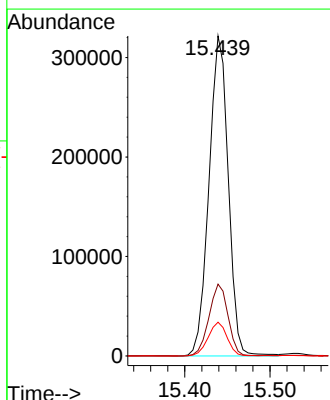
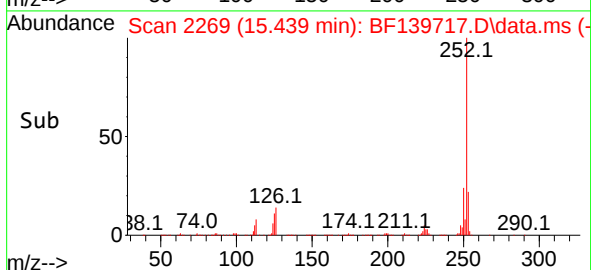
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

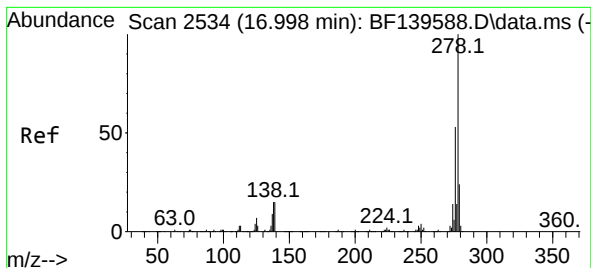


#90
Benzo(a)pyrene
Concen: 51.957 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37



Tgt Ion:252 Resp: 507613
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 10.6 8.3 12.5





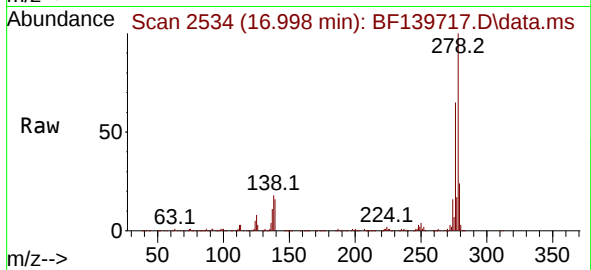
#91
Dibenzo(a,h)anthracene
Concen: 55.285 ng
RT: 16.998 min Scan# 2534
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

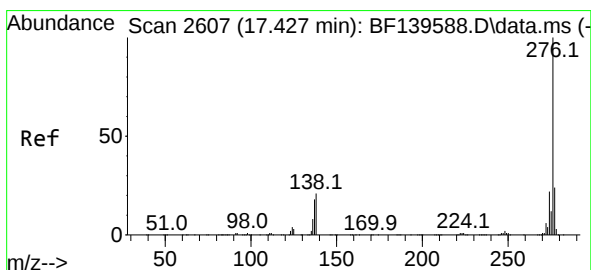
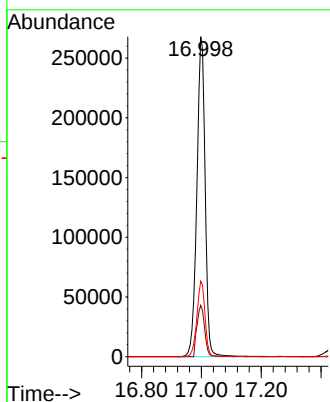
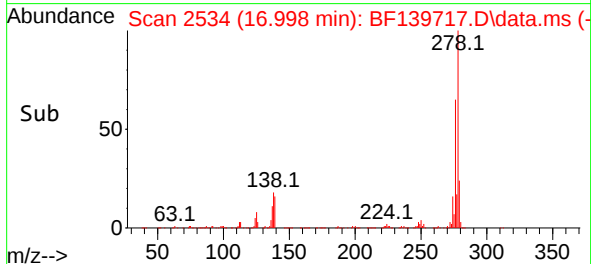
PB163987BS



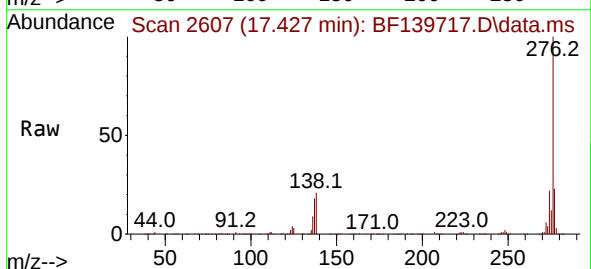
Tgt Ion:278 Resp: 517184
Ion Ratio Lower Upper
278 100
139 16.1 12.2 18.4
279 23.6 19.2 28.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 51.284 ng
RT: 17.427 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37



Tgt Ion:276 Resp: 481149
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 21.5 17.0 25.6

