

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
 Data File : BF139714.D
 Acq On : 09 Oct 2024 11:11
 Operator : RC/JU
 Sample : PB163970BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163970BS

Manual Integrations
 APPROVED

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

Quant Time: Oct 09 12:47:53 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	98382	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	380731	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	220033	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	414520	20.000	ng	0.00
76) Chrysene-d12	14.033	240	218763	20.000	ng	0.00
86) Perylene-d12	15.504	264	184986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	767007	135.127	ng	0.01
7) Phenol-d6	6.504	99	1022037	133.893	ng	0.00
23) Nitrobenzene-d5	7.434	82	674277	89.667	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	279158	131.427	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1251931	87.348	ng	0.00
79) Terphenyl-d14	12.974	244	1343922	100.801	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	97881	39.886	ng	98
3) Pyridine	3.481	79	264927	44.388	ng	96
4) n-Nitrosodimethylamine	3.440	42	176194	45.100	ng	94
6) Aniline	6.534	93	349915	51.659	ng	97
8) 2-Chlorophenol	6.657	128	300585	49.427	ng	97
9) Benzaldehyde	6.416	77	98378	24.330	ng	100
10) Phenol	6.522	94	383030	47.721	ng	84
11) bis(2-Chloroethyl)ether	6.604	93	296756	45.409	ng	99
12) 1,3-Dichlorobenzene	6.810	146	308812	45.139	ng	98
13) 1,4-Dichlorobenzene	6.887	146	313951	45.310	ng	99
14) 1,2-Dichlorobenzene	7.034	146	300962	46.345	ng	100
15) Benzyl Alcohol	7.010	79	283302	48.575	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	537901	47.545	ng	88
17) 2-Methylphenol	7.128	107	244822	48.223	ng	96
18) Hexachloroethane	7.375	117	116374	45.029	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	224657	45.778	ng	99
20) 3+4-Methylphenols	7.281	107	307204	48.175	ng	95
22) Acetophenone	7.275	105	412011	45.590	ng	98
24) Nitrobenzene	7.451	77	346641	44.517	ng	99
25) Isophorone	7.692	82	628126	47.029	ng	99
26) 2-Nitrophenol	7.769	139	161758	48.322	ng	99
27) 2,4-Dimethylphenol	7.804	122	239240m	58.380	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	370219	46.420	ng	99
29) 2,4-Dichlorophenol	8.010	162	256848	48.052	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	263796	43.639	ng	99
31) Naphthalene	8.169	128	891825	45.814	ng	99
32) Benzoic acid	7.939	122	192075	47.136	ng	99
33) 4-Chloroaniline	8.222	127	184899	28.061	ng	98
34) Hexachlorobutadiene	8.286	225	172334	44.054	ng	99
35) Caprolactam	8.598	113	85740m	48.905	ng	
36) 4-Chloro-3-methylphenol	8.710	107	287273	47.477	ng	99
37) 2-Methylnaphthalene	8.863	142	585948	46.217	ng	100
38) 1-Methylnaphthalene	8.963	142	545378	44.008	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	274262	44.887	ng	98
41) Hexachlorocyclopentadiene	9.016	237	316400	168.883	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	189104	45.911	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	200800	45.206	ng	98
46) 1,1'-Biphenyl	9.328	154	736234	44.987	ng	100
47) 2-Chloronaphthalene	9.351	162	551382	44.942	ng	99
48) 2-Nitroaniline	9.451	65	208712	47.390	ng	98
49) Acenaphthylene	9.769	152	904831	48.496	ng	100
50) Dimethylphthalate	9.628	163	677845	47.061	ng	99
51) 2,6-Dinitrotoluene	9.692	165	147827	45.433	ng	97
52) Acenaphthene	9.939	154	648869m	50.659	ng	
53) 3-Nitroaniline	9.863	138	116651	35.083	ng	97
54) 2,4-Dinitrophenol	9.975	184	176402	100.798	ng	97
55) Dibenzofuran	10.110	168	826245	46.072	ng	100
56) 4-Nitrophenol	10.033	139	236329	93.204	ng	95
57) 2,4-Dinitrotoluene	10.098	165	199276	46.856	ng	99
58) Fluorene	10.457	166	655659	45.902	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	173860	48.461	ng	99
60) Diethylphthalate	10.328	149	692549	46.551	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	325515	45.551	ng	97
62) 4-Nitroaniline	10.480	138	158379	46.567	ng	98
63) Azobenzene	10.604	77	694809	46.440	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	112814	48.188	ng	96
66) n-Nitrosodiphenylamine	10.569	169	579321	47.413	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	195736	46.054	ng	99
68) Hexachlorobenzene	11.004	284	214954	45.579	ng	98
69) Atrazine	11.092	200	188674	57.553	ng	98
70) Pentachlorophenol	11.198	266	240211	85.539	ng	98
71) Phenanthrene	11.422	178	927971	47.479	ng	100
72) Anthracene	11.469	178	950725	49.169	ng	100
73) Carbazole	11.627	167	864219	46.536	ng	100
74) Di-n-butylphthalate	11.951	149	1060440	46.957	ng	100
75) Fluoranthene	12.604	202	982683	45.994	ng	99
77) Benzidine	12.727	184	318804	82.619	ng	100
78) Pyrene	12.833	202	989938	50.595	ng	99
80) Butylbenzylphthalate	13.451	149	360232	51.472	ng	98
81) Benzo(a)anthracene	14.021	228	693206	48.197	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	165405	37.577	ng	98
83) Chrysene	14.063	228	651226	49.525	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	446457	51.087	ng	99
85) Di-n-octyl phthalate	14.615	149	631458	49.184	ng	98
87) Indeno(1,2,3-cd)pyrene	16.986	276	588300	54.033	ng	99
88) Benzo(b)fluoranthene	15.074	252	521145	43.571	ng	100
89) Benzo(k)fluoranthene	15.104	252	513275	50.589	ng	100
90) Benzo(a)pyrene	15.439	252	486662	51.602	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	485358	53.746	ng	99
92) Benzo(g,h,i)perylene	17.433	276	453223	50.043	ng	99

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



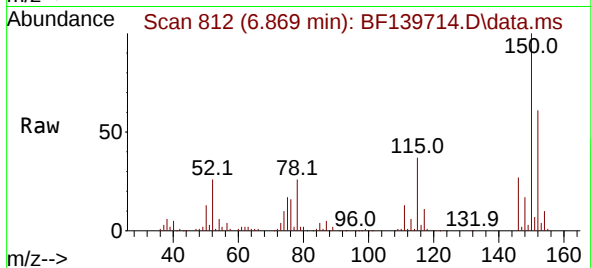
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139714.D
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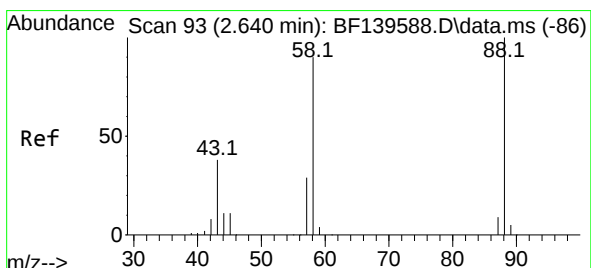
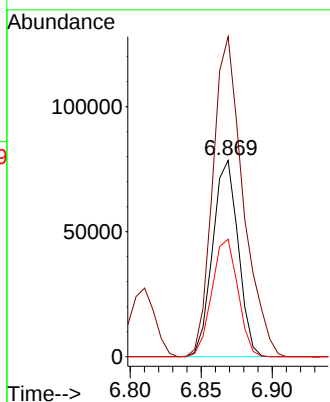
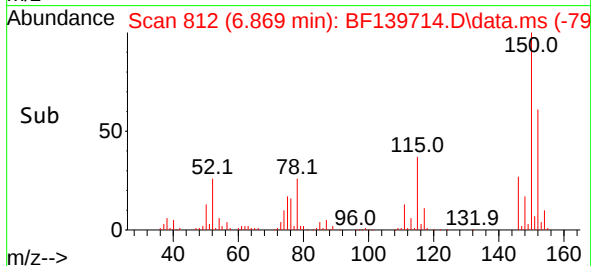
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Ion Ratio Lower Upper
152 100
150 163.0 127.2 190.8
115 59.8 49.0 73.4

Manual Integrations

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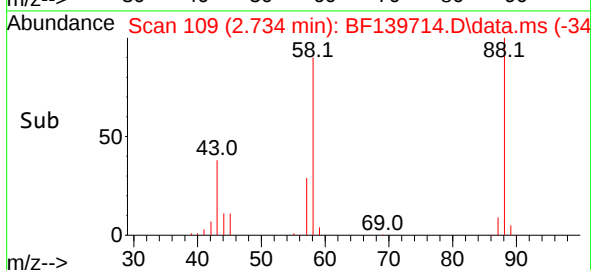
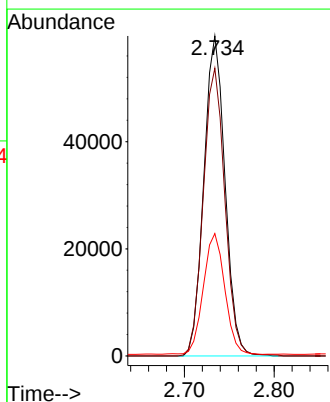
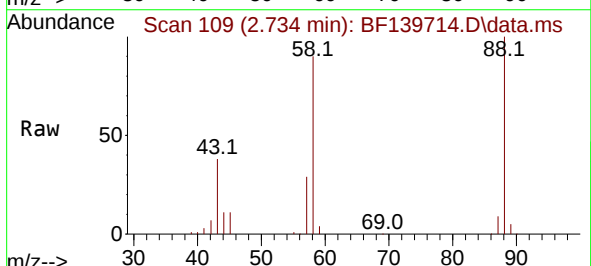
Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#2
1,4-Dioxane
Concen: 39.886 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.094 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Tgt Ion: 88 Resp: 97881
Ion Ratio Lower Upper
88 100
58 92.0 72.0 108.0
43 38.2 30.8 46.2





#3
Pyridine
Concen: 44.388 ng
RT: 3.481 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

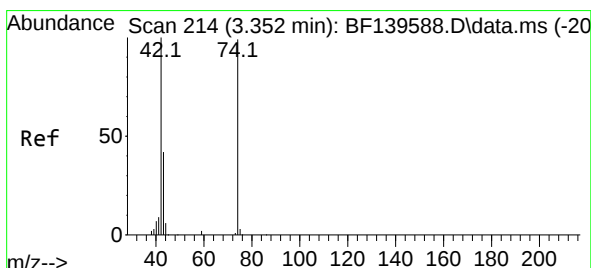
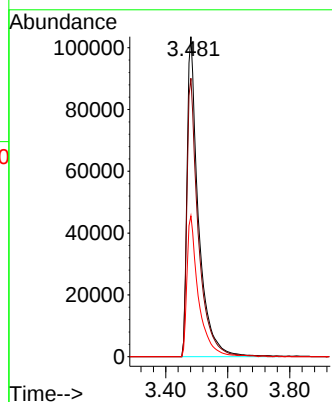
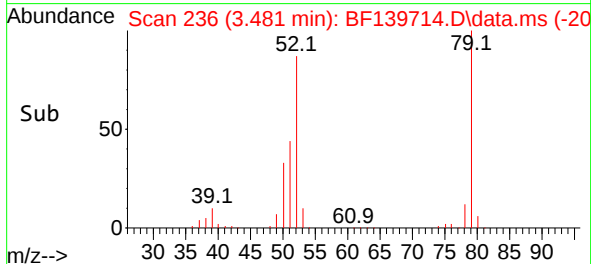
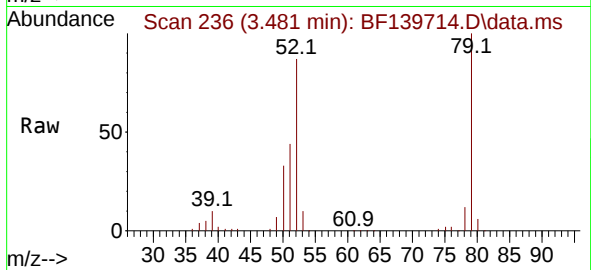
ClientSampleId :

PB163970BS

Tgt Ion: 79 Resp: 26492
Ion Ratio Lower Upper
79 100
52 87.0 72.6 109.0
51 44.0 37.5 56.3

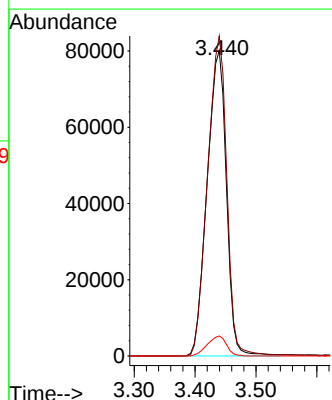
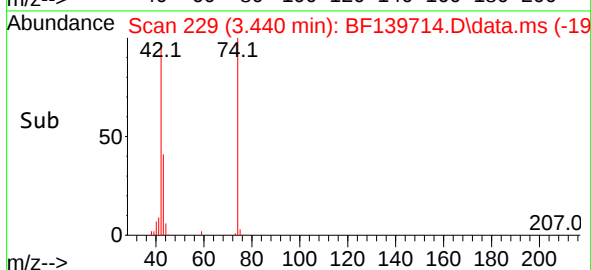
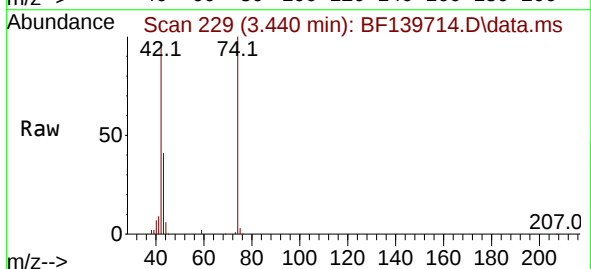
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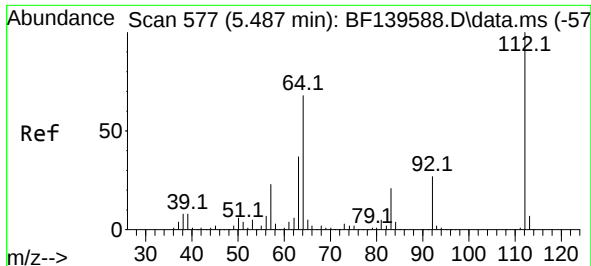
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#4
n-Nitrosodimethylamine
Concen: 45.100 ng
RT: 3.440 min Scan# 229
Delta R.T. 0.088 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Tgt Ion: 42 Resp: 176194
Ion Ratio Lower Upper
42 100
74 104.8 79.0 118.6
44 6.5 5.2 7.8





#5
2-Fluorophenol
Concen: 135.127 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

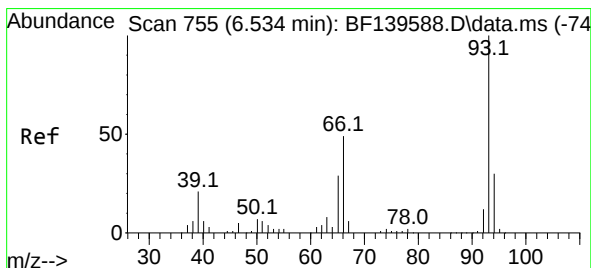
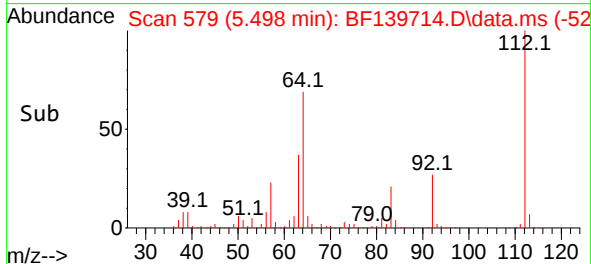
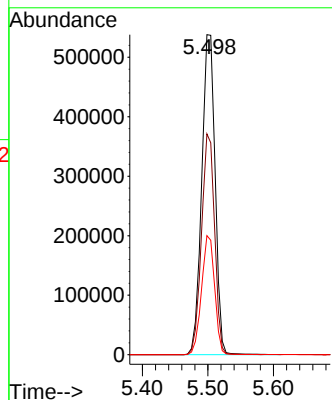
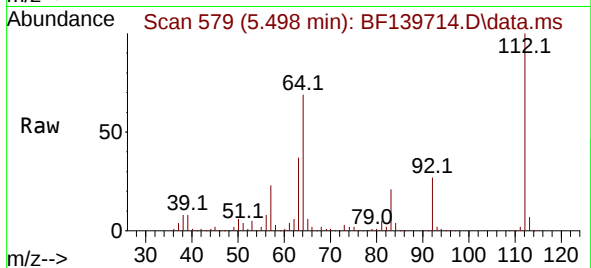
PB163970BS

Tgt Ion:112 Resp: 76700
Ion Ratio Lower Upper
112 100
64 69.0 54.2 81.4
63 37.2 29.4 44.2

Manual Integrations

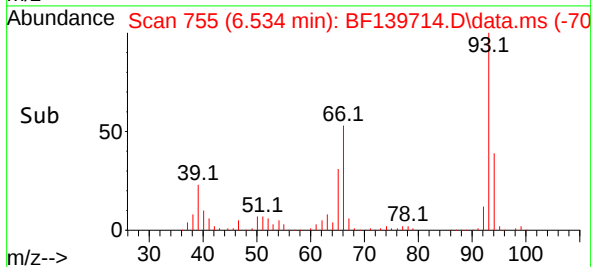
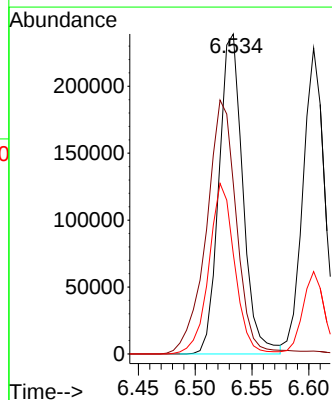
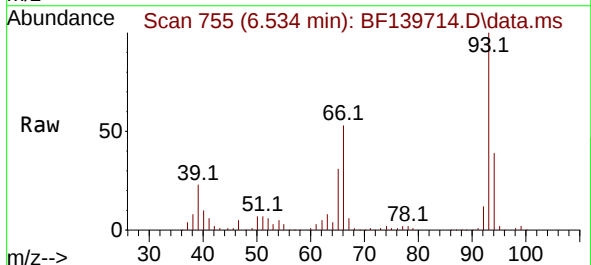
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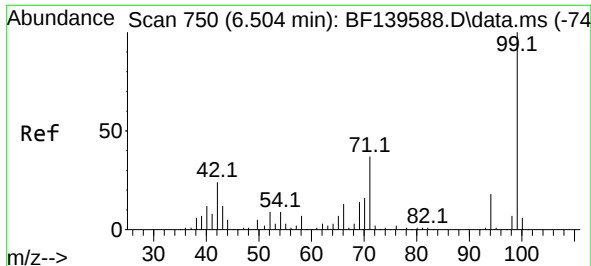
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#6
Aniline
Concen: 51.659 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Tgt Ion: 93 Resp: 349915
Ion Ratio Lower Upper
93 100
66 53.2 40.9 61.3
65 31.2 23.3 34.9





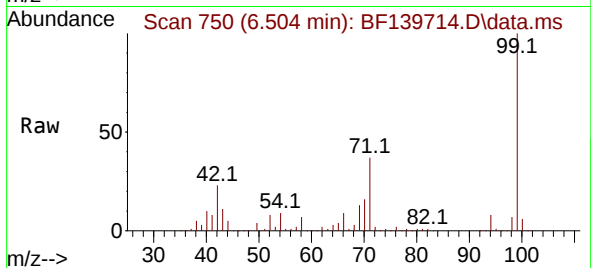
#7
Phenol-d6
Concen: 133.893 ng
RT: 6.504 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

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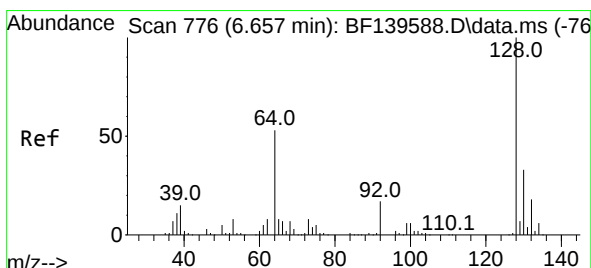
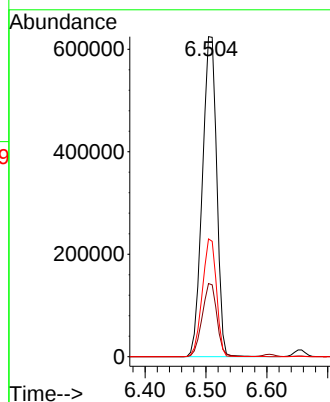
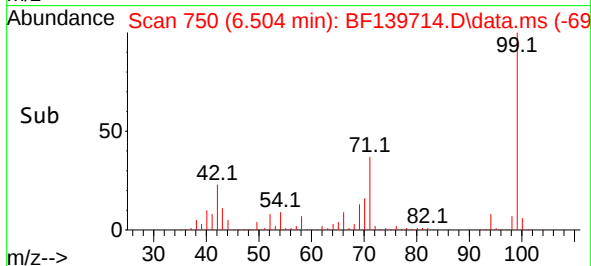
Tgt Ion: 99 Resp: 102203
Ion Ratio Lower Upper
99 100
42 22.8 19.1 28.7
71 36.8 29.7 44.5

Manual Integrations

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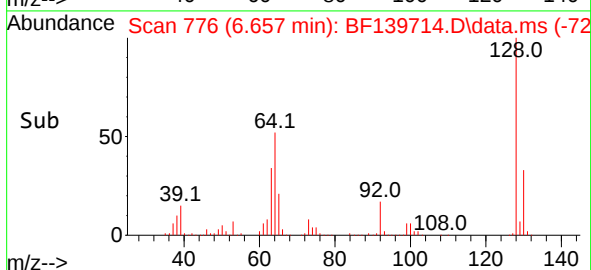
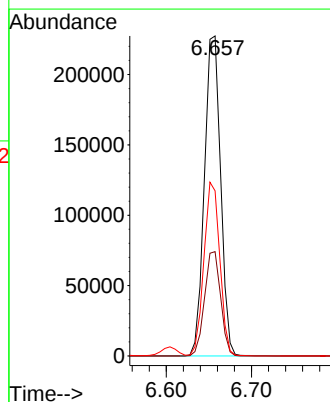
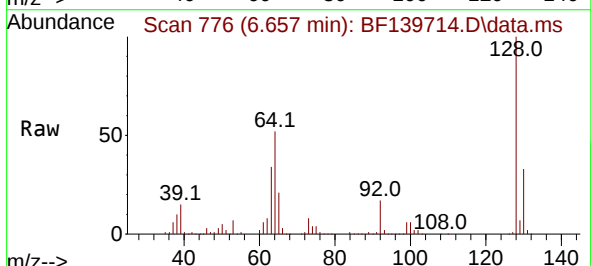
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#8
2-Chlorophenol
Concen: 49.427 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Tgt Ion:128 Resp: 300585
Ion Ratio Lower Upper
128 100
130 32.6 13.2 53.2
64 51.6 35.1 75.1





#9
Benzaldehyde
Concen: 24.330 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

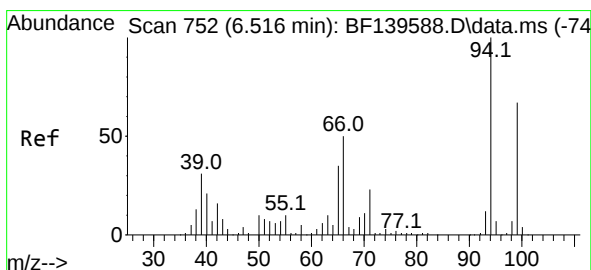
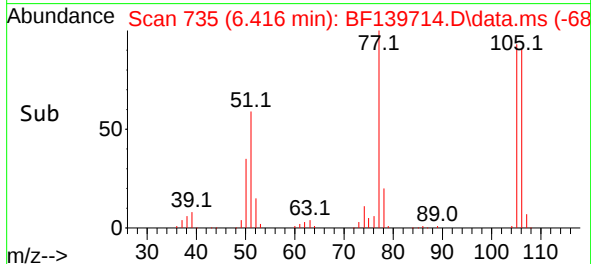
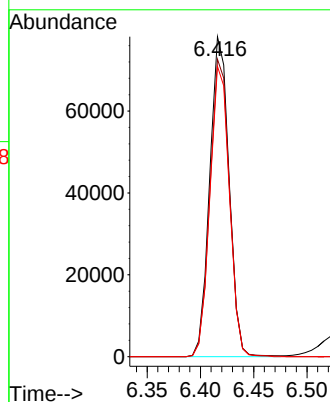
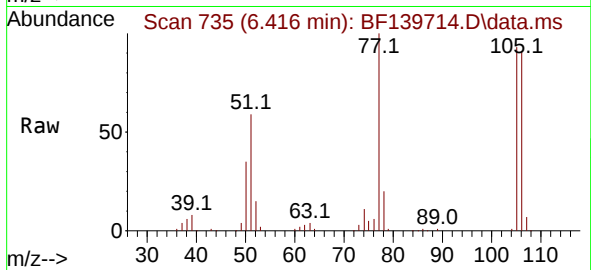
PB163970BS

Tgt Ion: 77 Resp: 98378
Ion Ratio Lower Upper
77 100
105 93.0 72.7 112.7
106 90.7 70.1 110.1

Manual Integrations

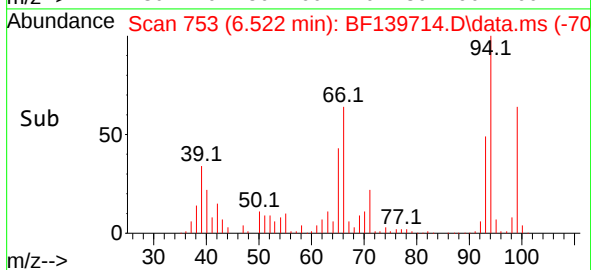
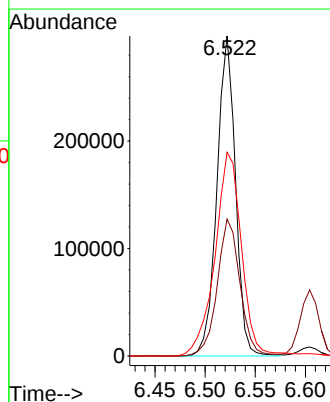
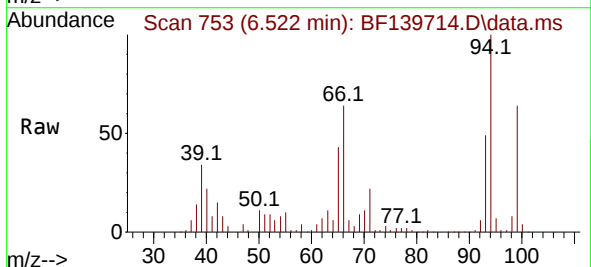
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Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#10
Phenol
Concen: 47.721 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Tgt Ion: 94 Resp: 383030
Ion Ratio Lower Upper
94 100
65 42.8 15.3 55.3
66 63.7 30.5 70.5





#11

bis(2-Chloroethyl)ether

Concen: 45.409 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS

Tgt Ion: 93 Resp: 296750

Ion Ratio Lower Upper

93 100

63 85.1 64.1 104.1

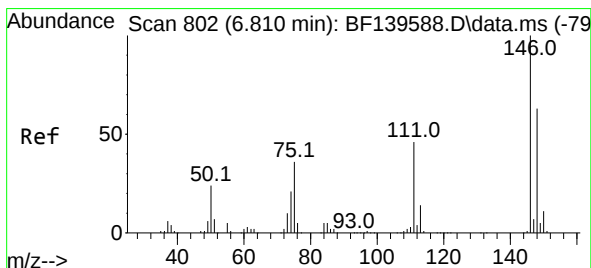
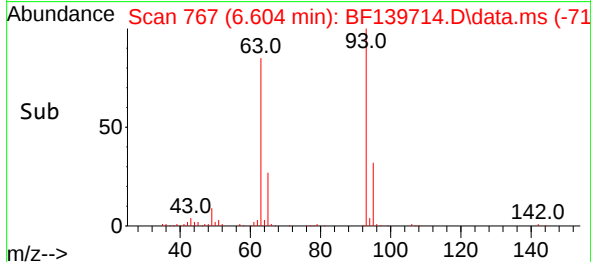
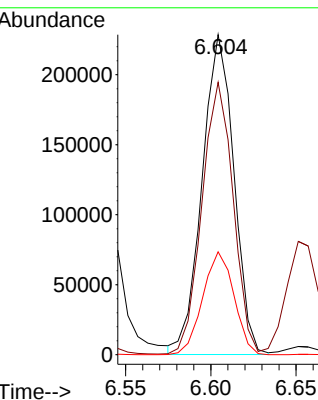
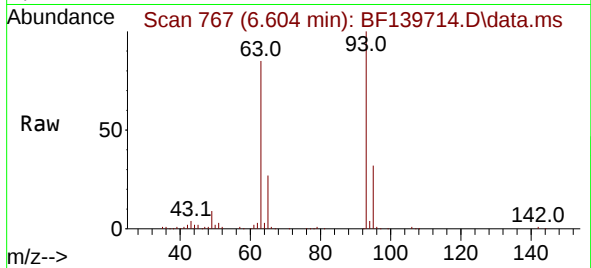
95 32.2 12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#12

1,3-Dichlorobenzene

Concen: 45.139 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

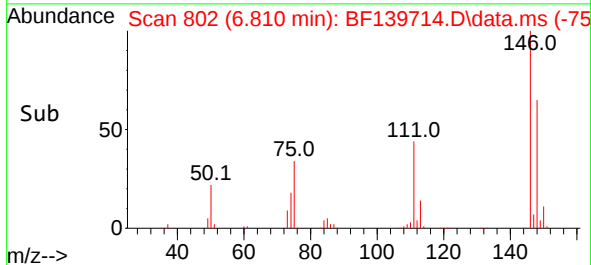
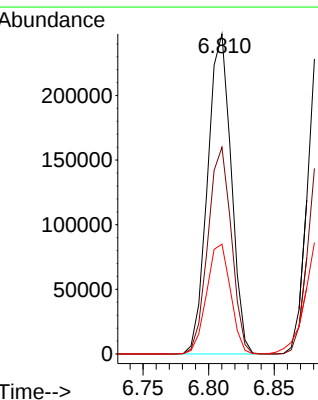
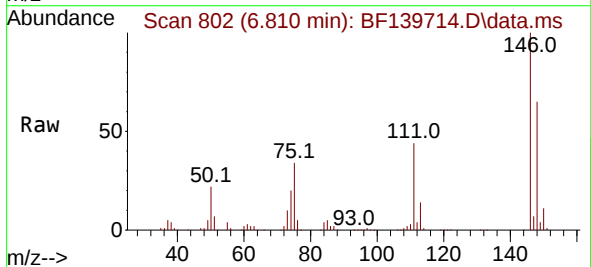
Tgt Ion:146 Resp: 308812

Ion Ratio Lower Upper

146 100

148 64.6 50.2 75.4

75 34.3 28.5 42.7





#13
1,4-Dichlorobenzene
Concen: 45.310 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

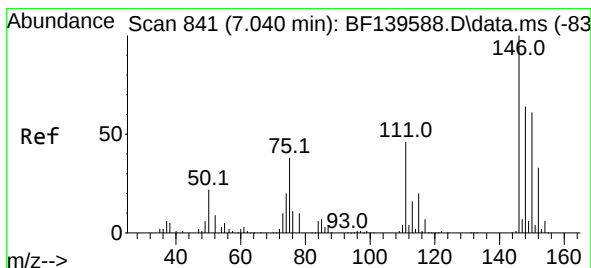
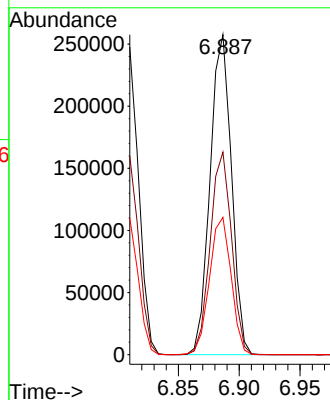
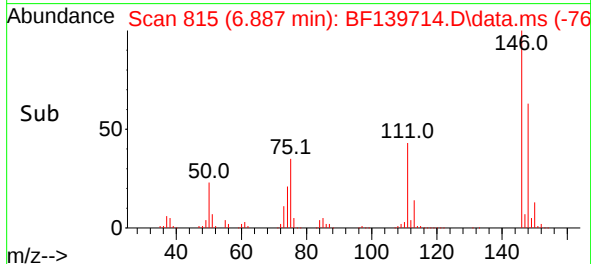
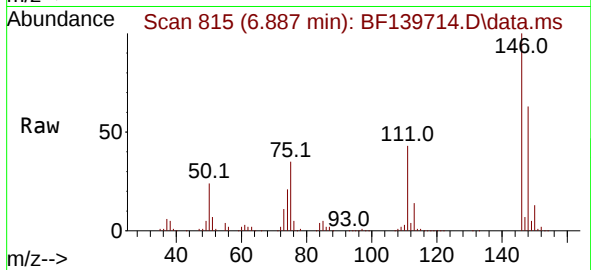
ClientSampleId :

PB163970BS

Tgt Ion:146 Resp: 31395
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.6
111 42.9 34.9 52.3

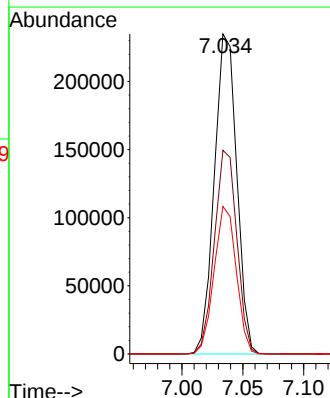
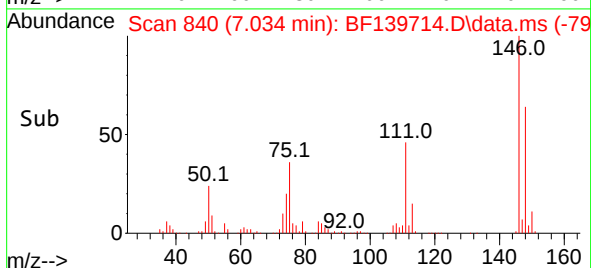
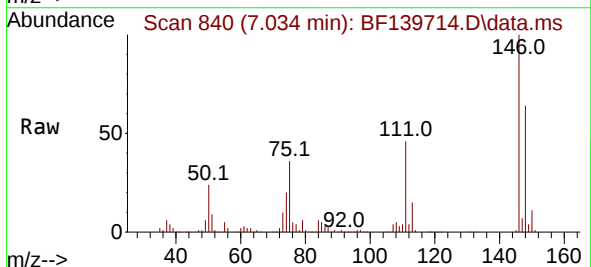
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 46.345 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Tgt Ion:146 Resp: 300962
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
111 46.1 37.0 55.6





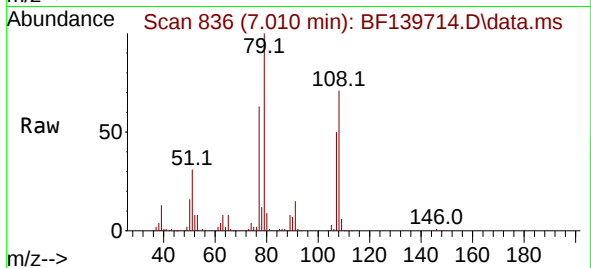
#15
Benzyl Alcohol
Concen: 48.575 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS

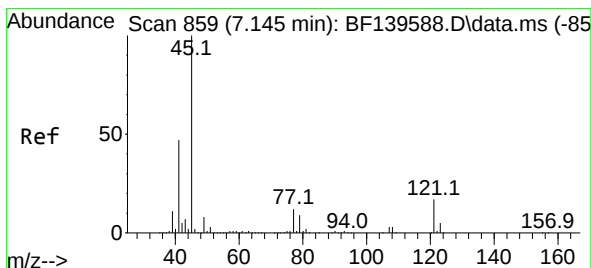
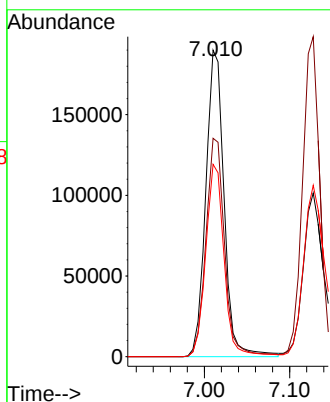
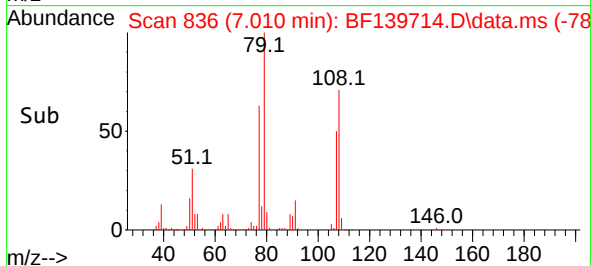


Tgt Ion: 79 Resp: 283302
Ion Ratio Lower Upper
79 100
108 71.2 55.1 82.7
77 62.7 50.8 76.2

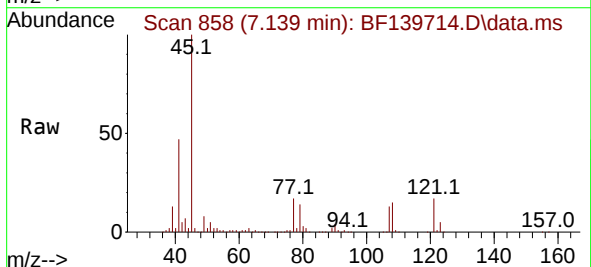
Manual Integrations

APPROVED

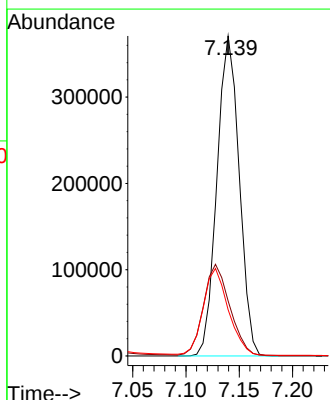
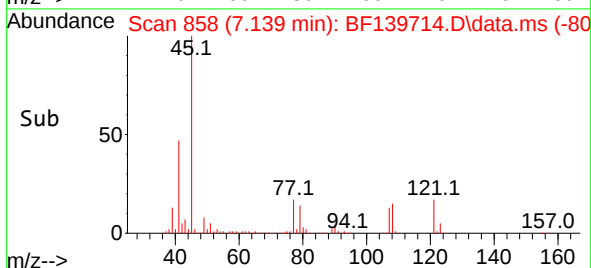
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

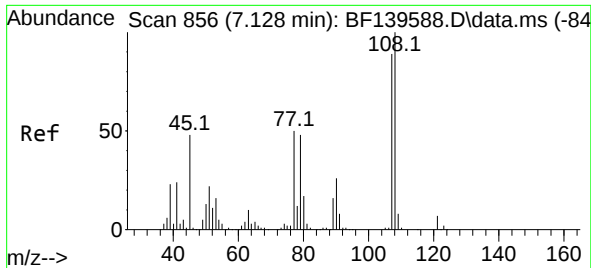


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.545 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11



Tgt Ion: 45 Resp: 537901
Ion Ratio Lower Upper
45 100
77 17.2 0.0 32.5
79 14.5 0.0 29.7





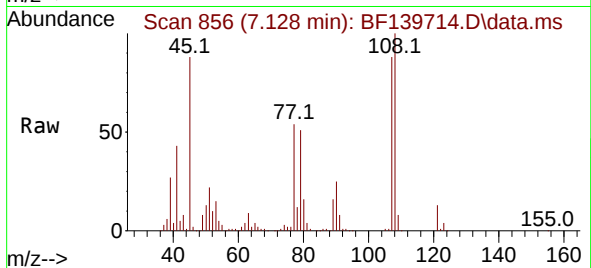
#17
2-Methylphenol
Concen: 48.223 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS



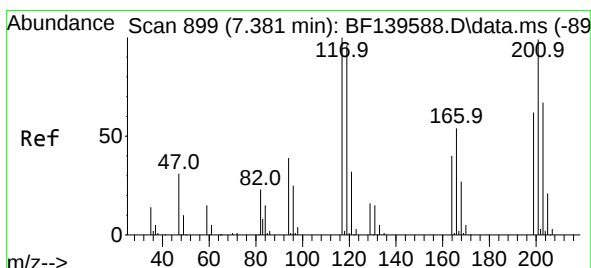
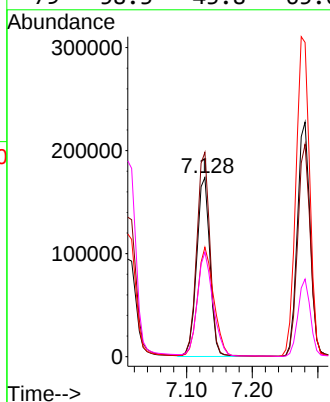
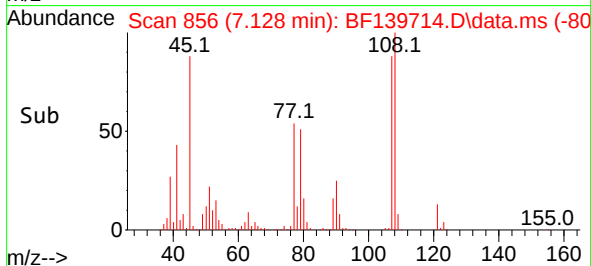
Tgt Ion:107 Resp: 244822
Ion Ratio Lower Upper
107 100
108 114.1 89.8 134.6
77 61.1 44.6 67.0
79 58.3 43.8 65.6

Manual Integrations

APPROVED

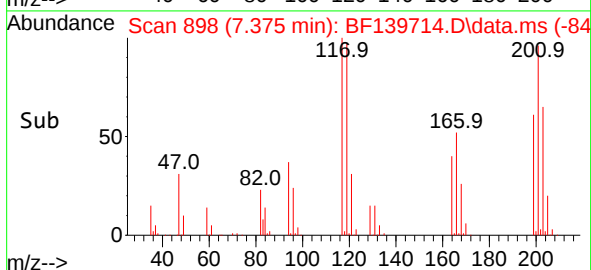
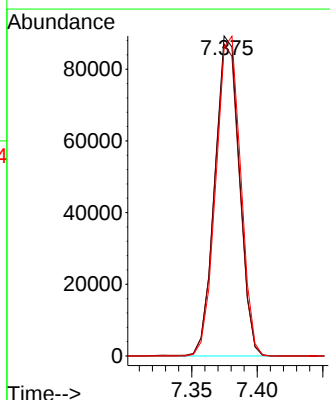
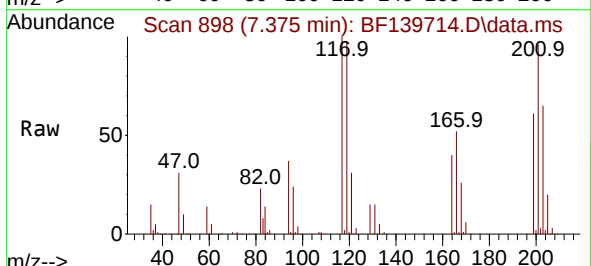
Reviewed By :Yogesh Patel 10/10/2024

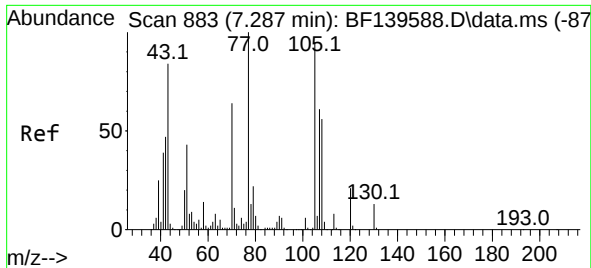
Supervised By :mohammad ahmed 10/10/2024



#18
Hexachloroethane
Concen: 45.029 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Tgt Ion:117 Resp: 116374
Ion Ratio Lower Upper
117 100
119 97.5 77.0 115.6
201 96.4 79.2 118.8





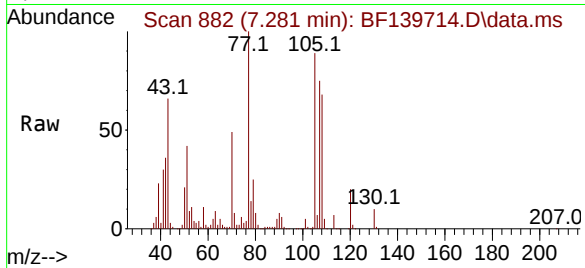
#19
n-Nitroso-di-n-propylamine
Concen: 45.778 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS



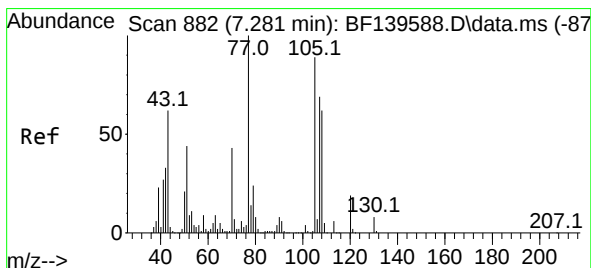
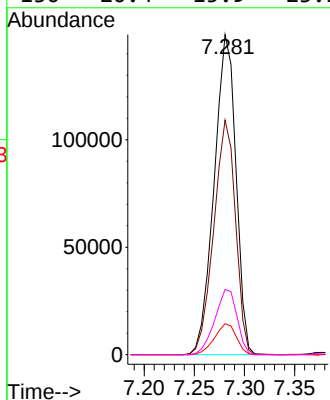
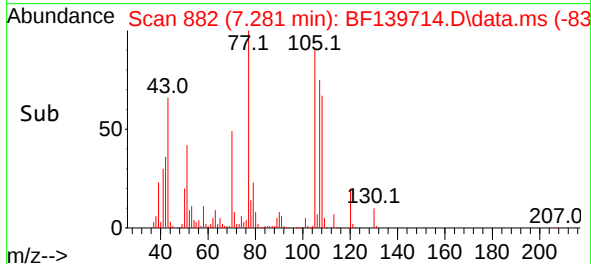
Tgt Ion: 70 Resp: 22465
Ion Ratio Lower Upper
70 100
42 73.3 58.0 87.0
101 9.7 7.8 11.8
130 20.4 15.9 23.9

Manual Integrations

APPROVED

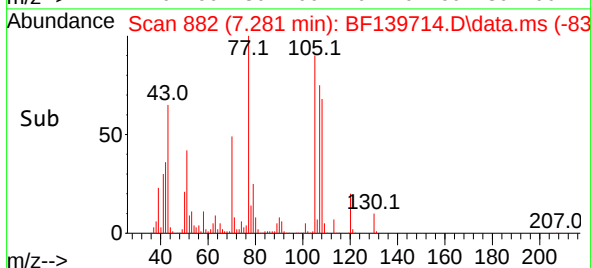
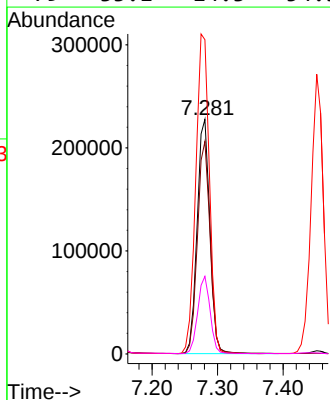
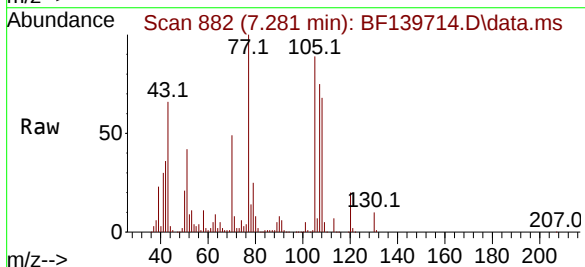
Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#20
3+4-Methylphenols
Concen: 48.175 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Tgt Ion:107 Resp: 307204
Ion Ratio Lower Upper
107 100
108 90.6 70.2 110.2
77 134.0 125.3 165.3
79 33.1 14.3 54.3





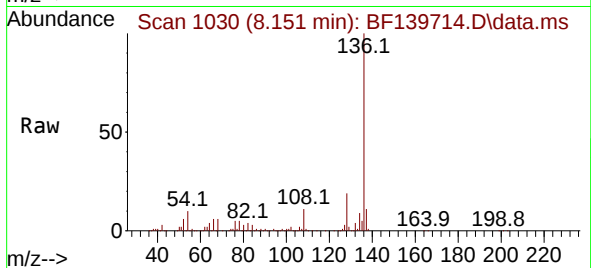
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS



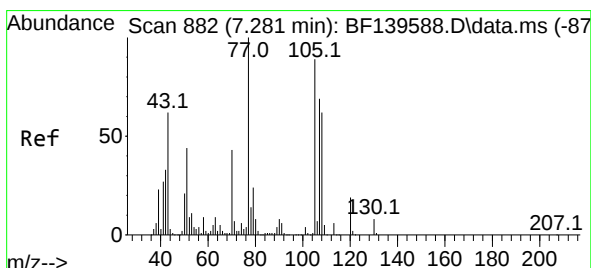
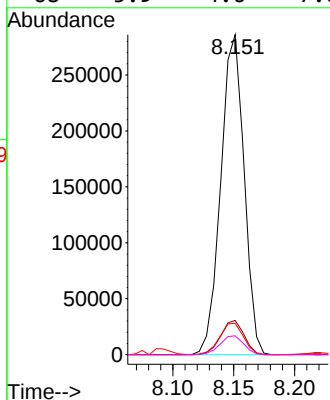
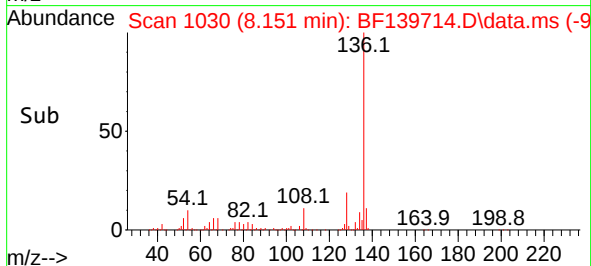
Tgt Ion:136 Resp: 38073
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.8 8.3 12.5
68 5.9 4.6 7.0

Manual Integrations

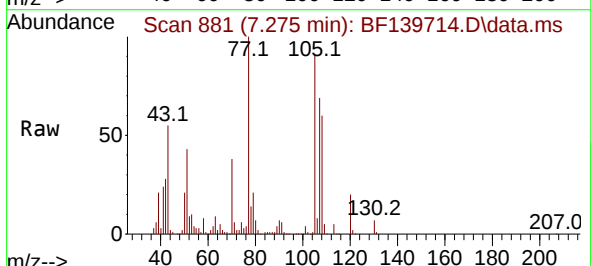
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

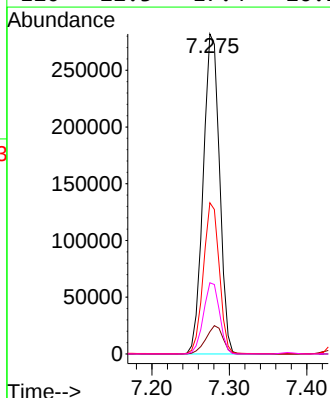
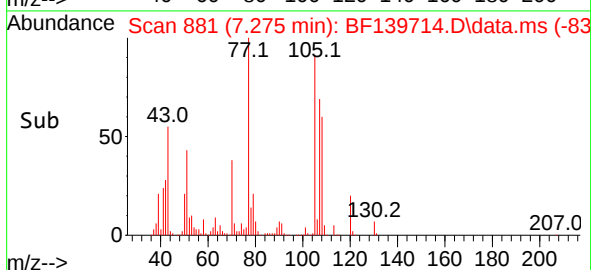
Supervised By :mohammad ahmed 10/10/2024

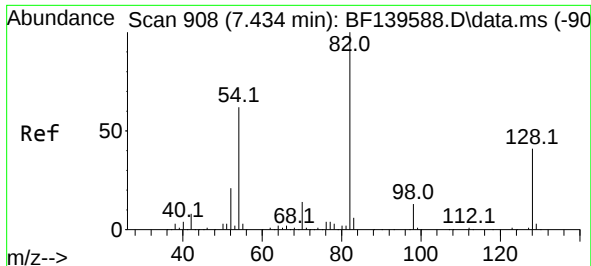


#22
Acetophenone
Concen: 45.590 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11



Tgt Ion:105 Resp: 412011
Ion Ratio Lower Upper
105 100
71 7.0 6.6 10.0
51 47.2 39.4 59.0
120 22.3 17.4 26.2





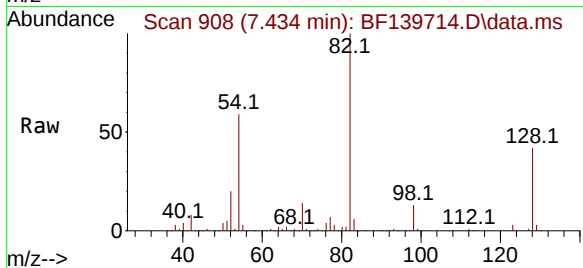
#23
Nitrobenzene-d5
Concen: 89.667 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS

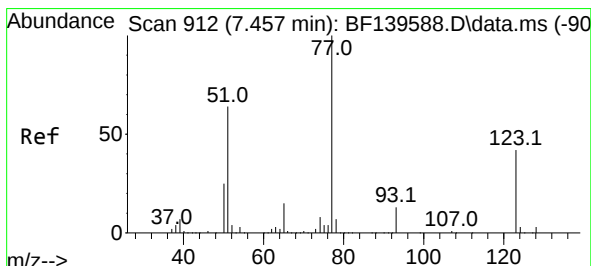
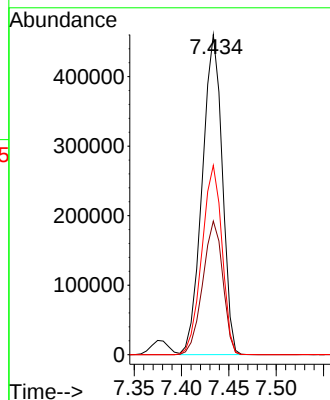
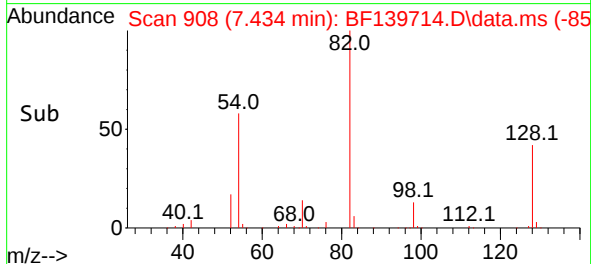


Tgt Ion: 82 Resp: 67427
Ion Ratio Lower Upper
82 100
128 41.8 32.4 48.6
54 59.2 49.1 73.7

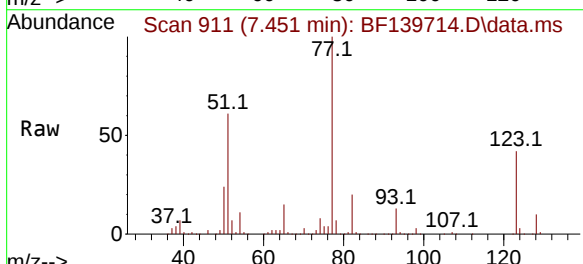
Manual Integrations

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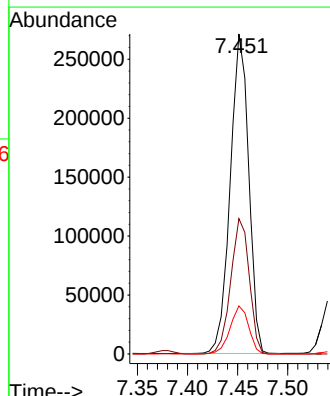
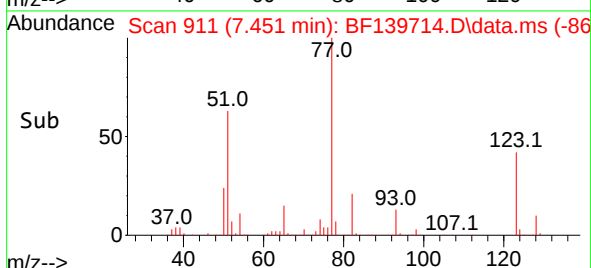
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

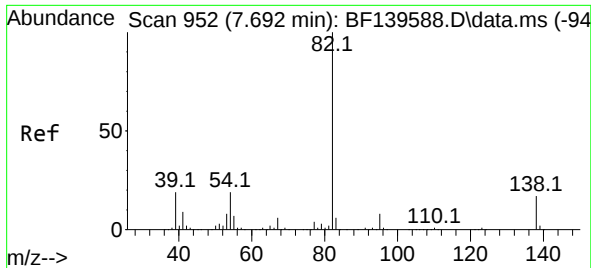


#24
Nitrobenzene
Concen: 44.517 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11



Tgt Ion: 77 Resp: 346641
Ion Ratio Lower Upper
77 100
123 42.3 34.2 51.4
65 15.0 12.1 18.1





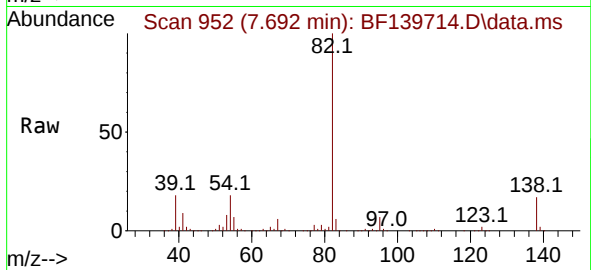
#25
Isophorone
Concen: 47.029 ng
RT: 7.692 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

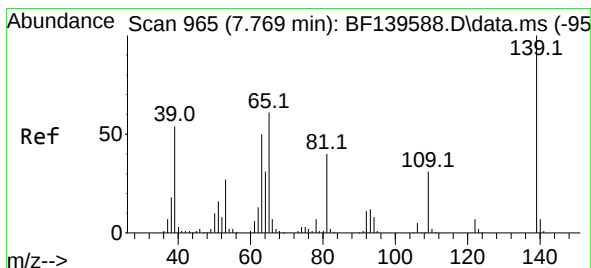
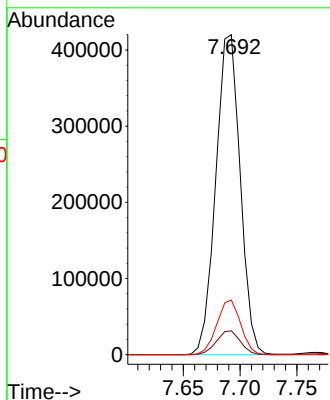
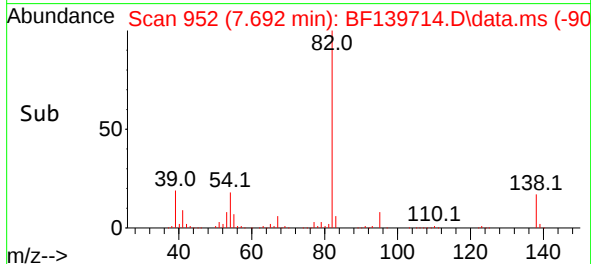
PB163970BS



Tgt Ion: 82 Resp: 628120
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 17.1 13.4 20.2

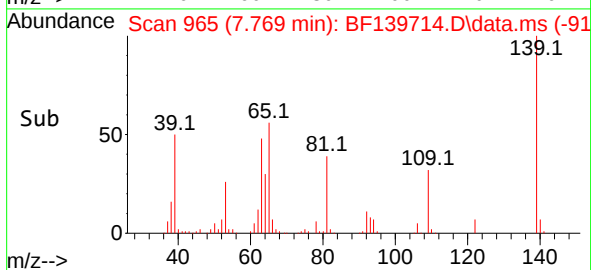
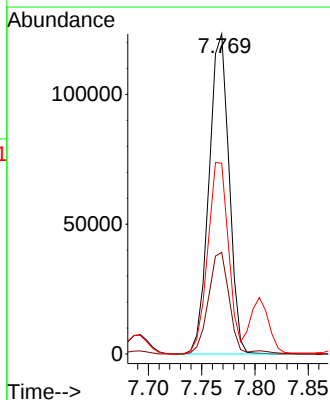
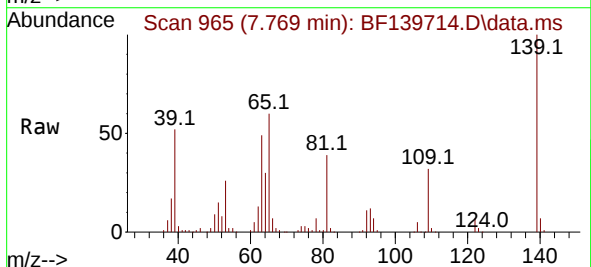
Manual Integrations
APPROVED

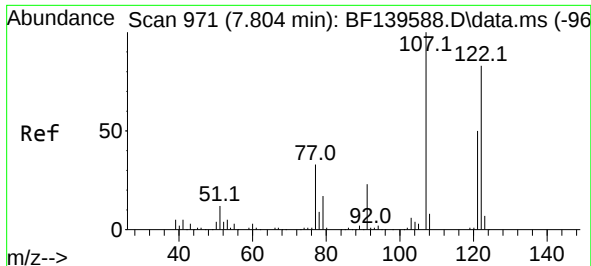
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#26
2-Nitrophenol
Concen: 48.322 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Tgt Ion:139 Resp: 161758
Ion Ratio Lower Upper
139 100
109 31.8 24.9 37.3
65 59.6 48.6 72.8





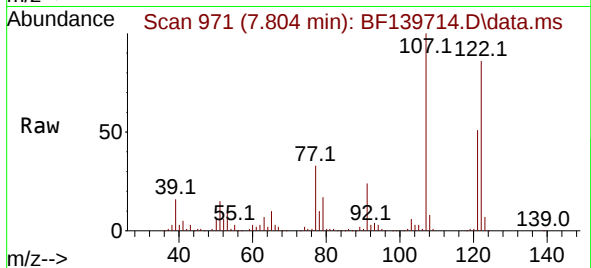
#27
2,4-Dimethylphenol
Concen: 58.380 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS

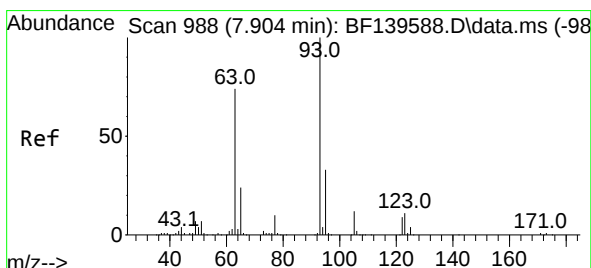
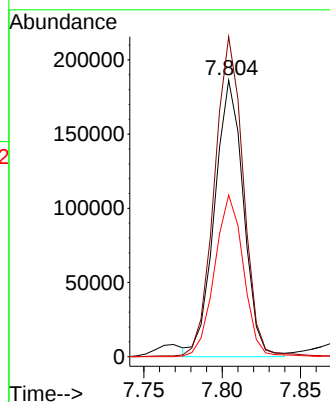
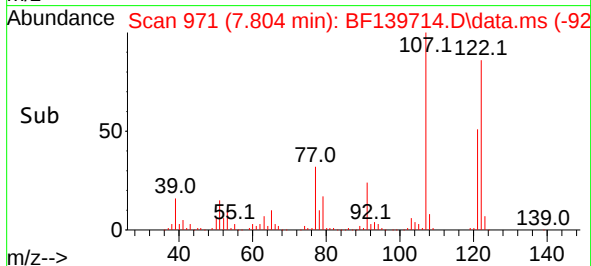


Tgt Ion:122 Resp: 239240
Ion Ratio Lower Upper
122 100
107 115.7 95.4 143.0
121 58.4 47.4 71.2

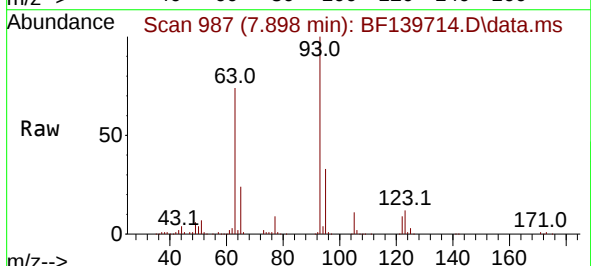
Manual Integrations

APPROVED

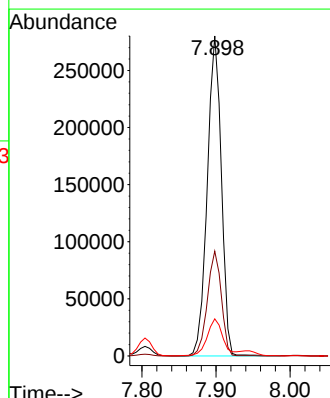
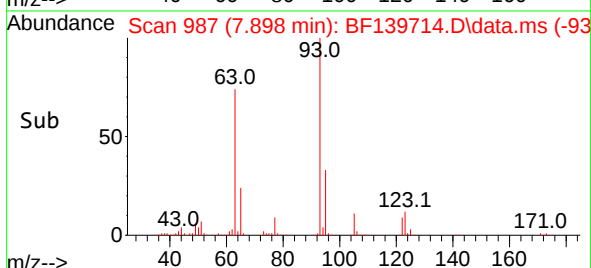
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.420 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11



Tgt Ion: 93 Resp: 370219
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.052 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF139714.D

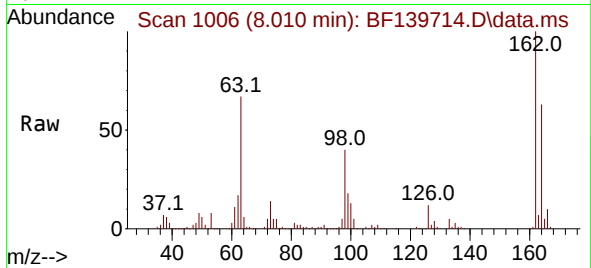
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS



Tgt Ion:162 Resp: 25684

Ion Ratio Lower Upper

162 100

164 62.8 43.1 83.1

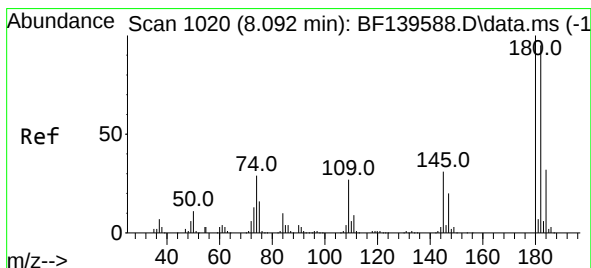
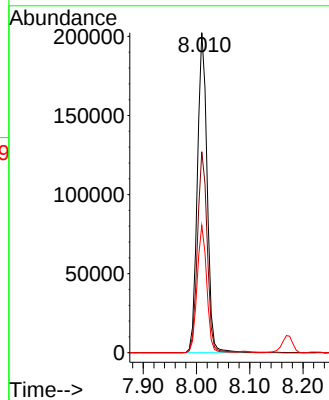
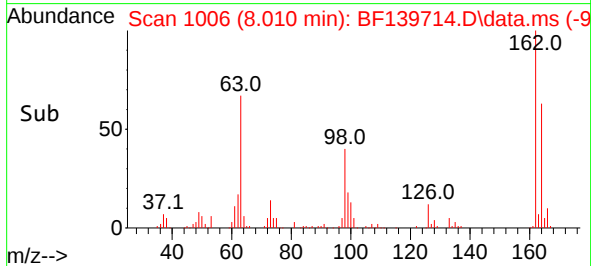
98 39.7 20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.639 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

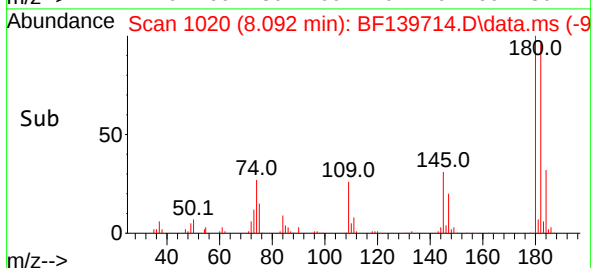
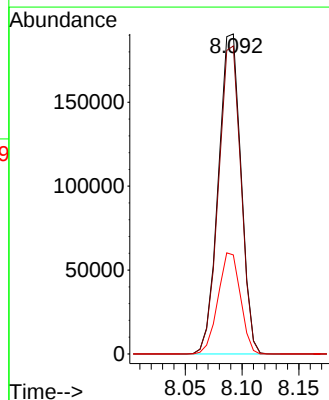
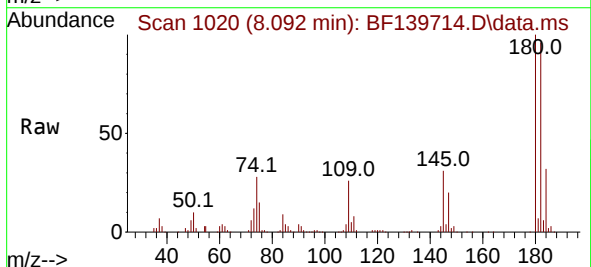
Tgt Ion:180 Resp: 263796

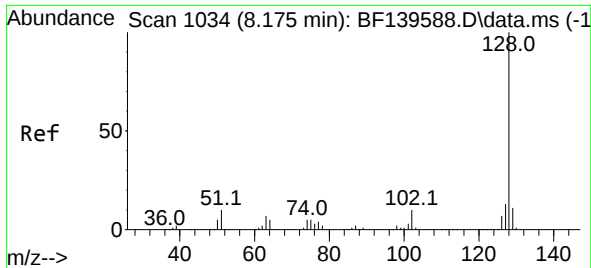
Ion Ratio Lower Upper

180 100

182 96.2 76.0 114.0

145 30.9 25.0 37.6





#31
Naphthalene
Concen: 45.814 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

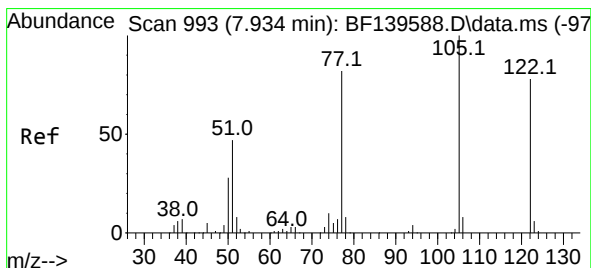
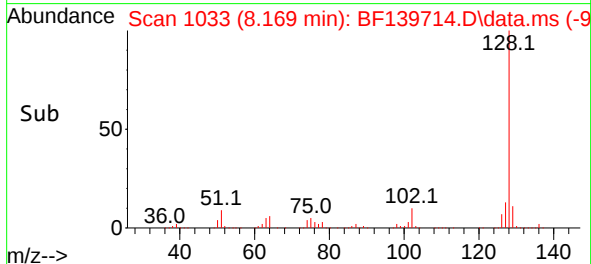
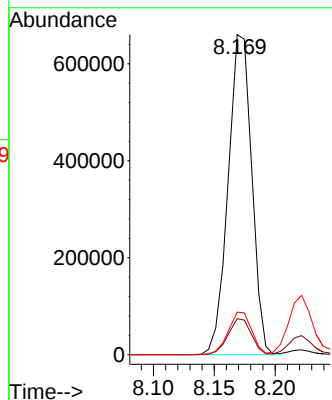
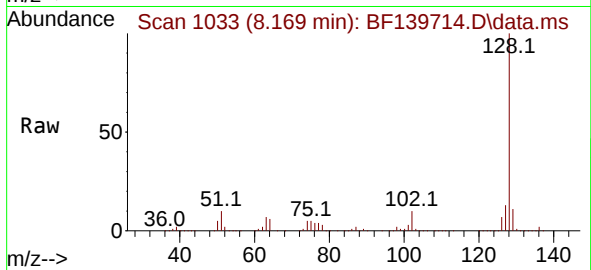
PB163970BS

Tgt Ion:128 Resp: 891825
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.5 15.7

Manual Integrations

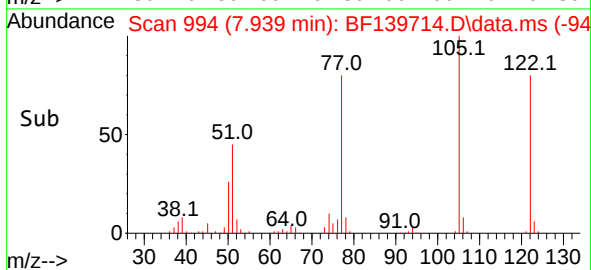
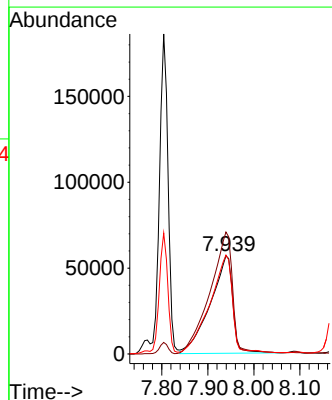
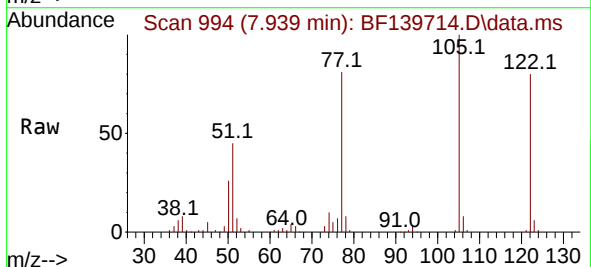
APPROVED

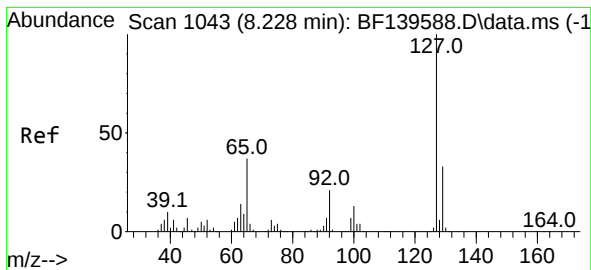
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#32
Benzoic acid
Concen: 47.136 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Tgt Ion:122 Resp: 192075
Ion Ratio Lower Upper
122 100
105 124.3 104.9 144.9
77 100.9 82.7 122.7





#33
4-Chloroaniline
Concen: 28.061 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

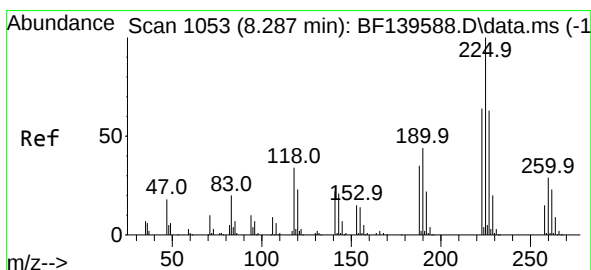
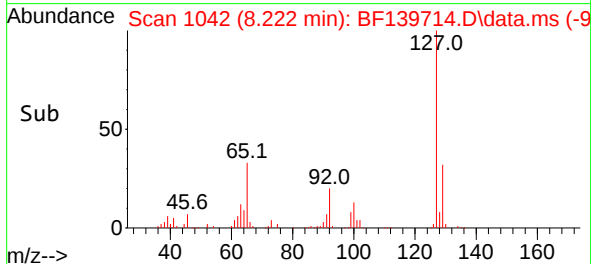
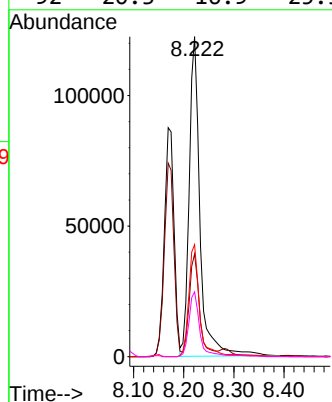
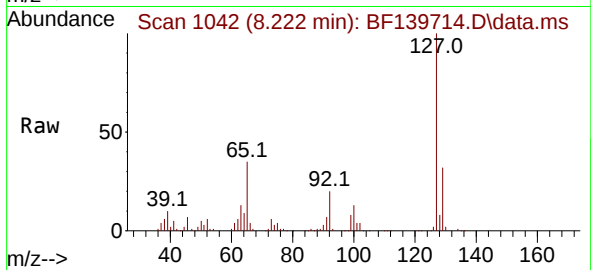
PB163970BS

Tgt Ion:127 Resp: 18489
Ion Ratio Lower Upper
127 100
129 32.1 26.2 39.4
65 35.0 29.3 43.9
92 20.3 16.9 25.3

Manual Integrations

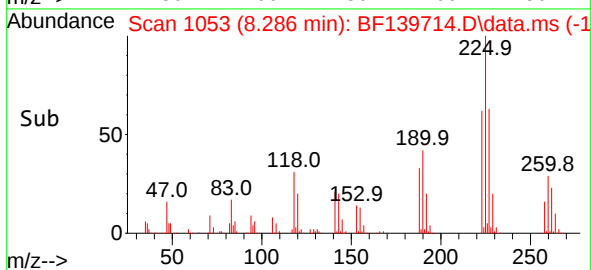
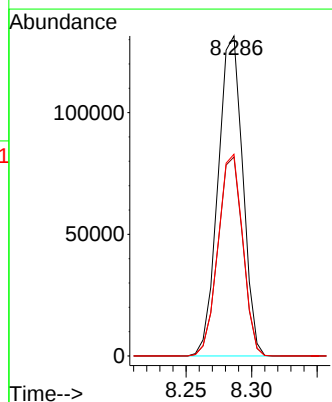
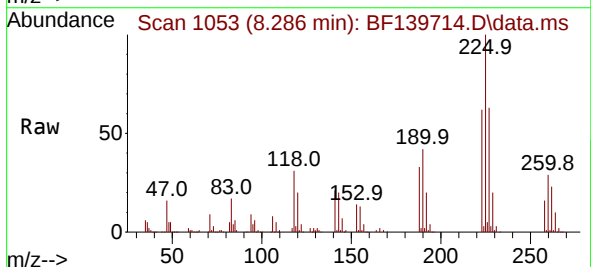
APPROVED

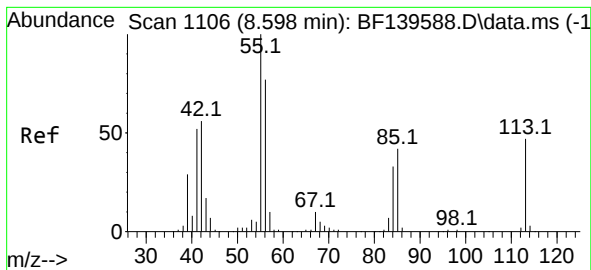
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#34
Hexachlorobutadiene
Concen: 44.054 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Tgt Ion:225 Resp: 172334
Ion Ratio Lower Upper
225 100
223 62.2 50.9 76.3
227 63.1 50.7 76.1





#35
Caprolactam
Concen: 48.905 ng/ml
RT: 8.598 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

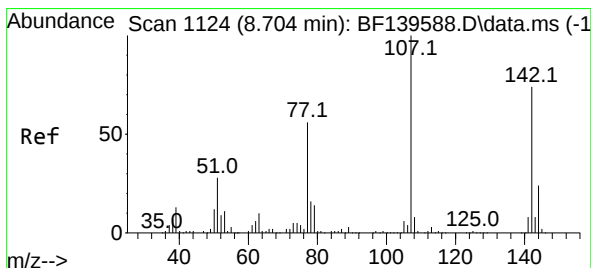
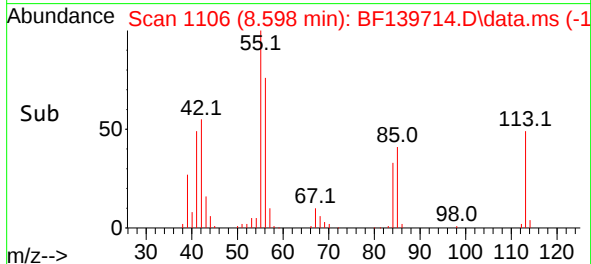
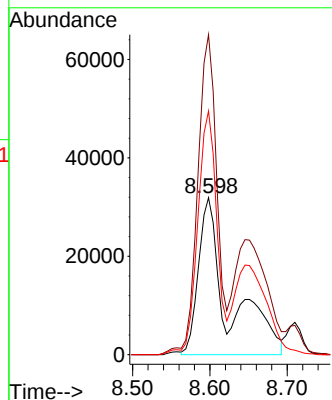
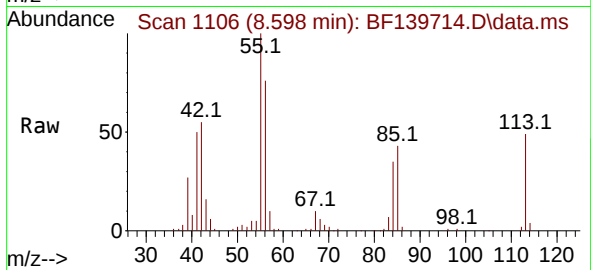
PB163970BS

Tgt Ion:113 Resp: 85740
Ion Ratio Lower Upper
113 100
55 203.9 193.4 233.4
56 155.3 143.8 183.8

Manual Integrations

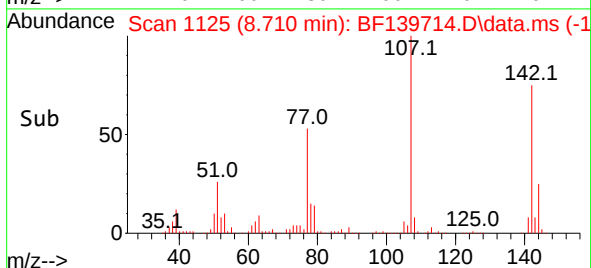
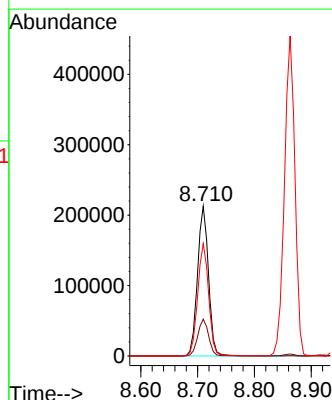
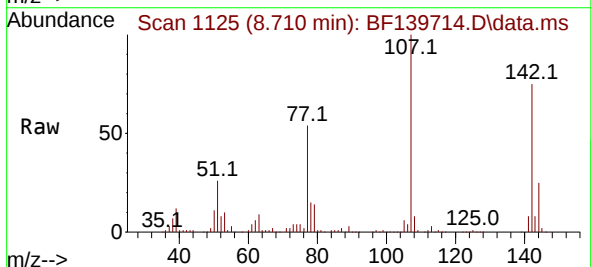
APPROVED

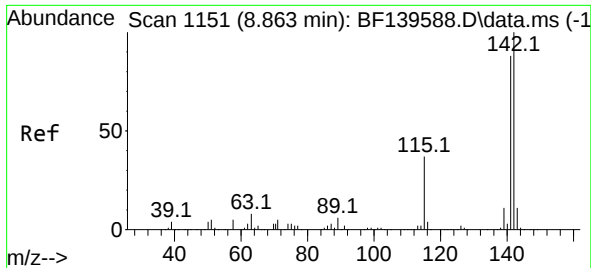
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#36
4-Chloro-3-methylphenol
Concen: 47.477 ng/ml
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Tgt Ion:107 Resp: 287273
Ion Ratio Lower Upper
107 100
144 24.6 19.0 28.6
142 75.0 59.2 88.8





#37

2-Methylnaphthalene

Concen: 46.217 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS

Tgt Ion:142 Resp: 58594

Ion Ratio Lower Upper

142 100

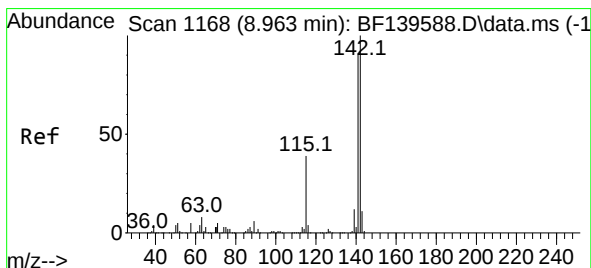
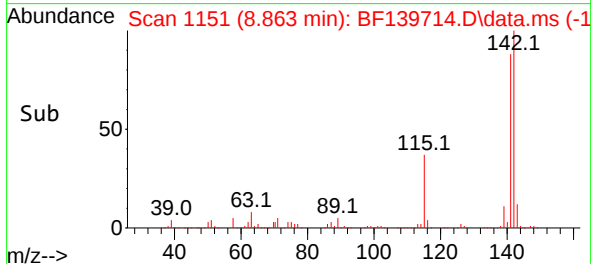
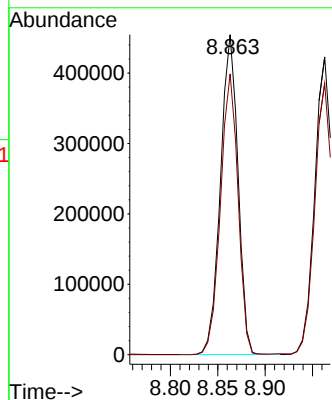
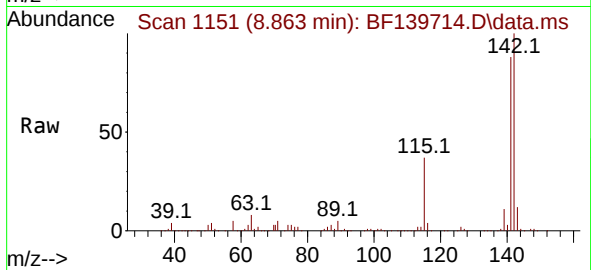
141 87.8 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#38

1-Methylnaphthalene

Concen: 44.008 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF139714.D

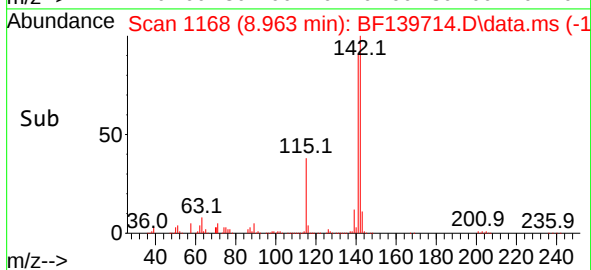
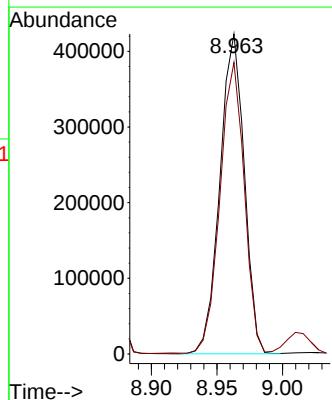
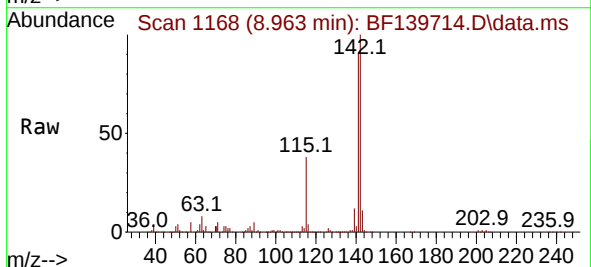
Acq: 09 Oct 2024 11:11

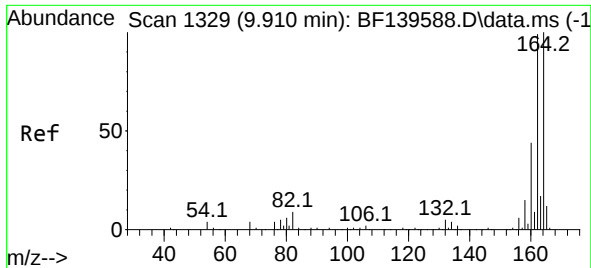
Tgt Ion:142 Resp: 545378

Ion Ratio Lower Upper

142 100

141 91.1 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: BF139714.D

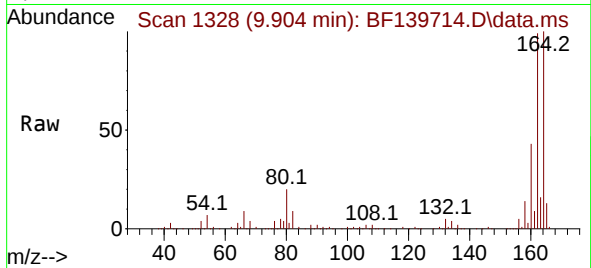
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS



Tgt Ion:164 Resp: 22003

Ion Ratio Lower Upper

164 100

162 99.2 79.4 119.0

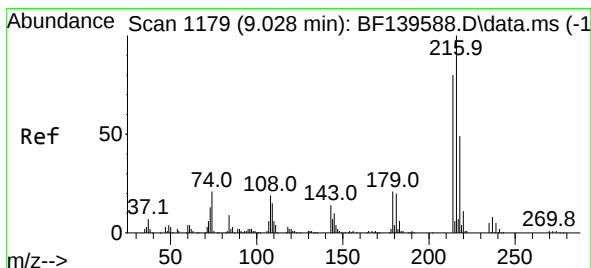
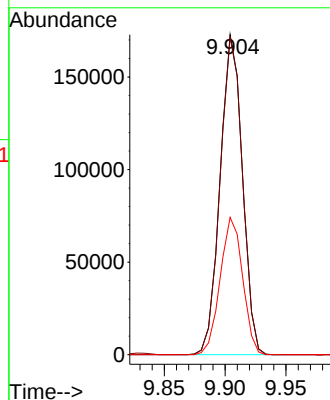
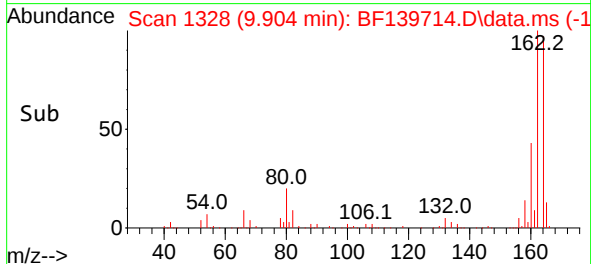
160 42.9 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.887 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Tgt Ion:216 Resp: 274262

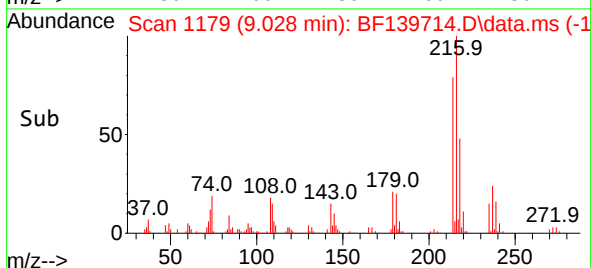
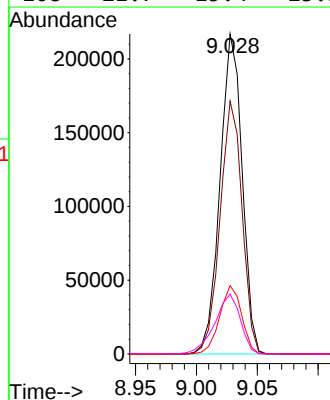
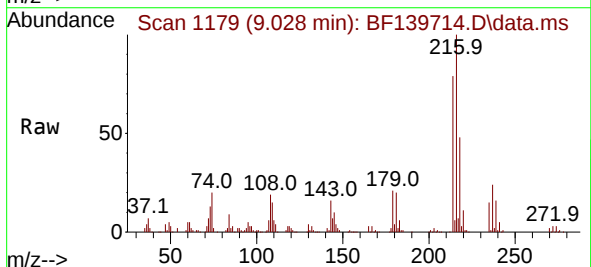
Ion Ratio Lower Upper

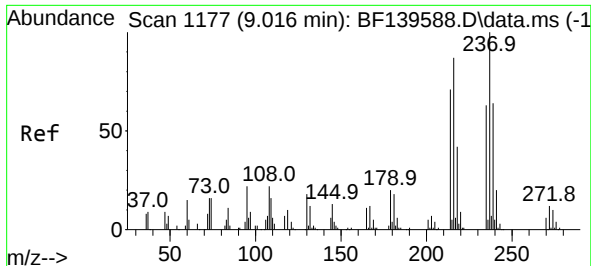
216 100

214 78.6 63.7 95.5

179 21.3 16.9 25.3

108 21.7 15.4 23.2





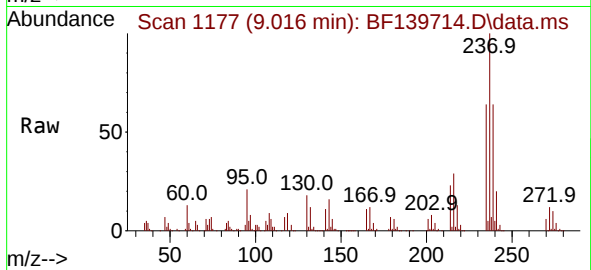
#41
Hexachlorocyclopentadiene
Concen: 168.883 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS

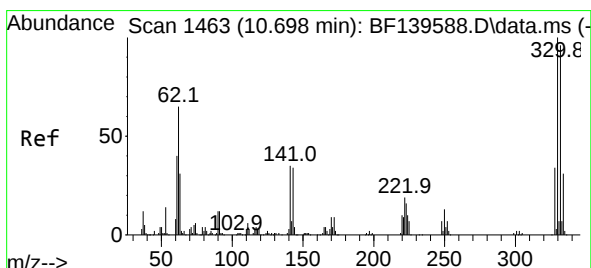
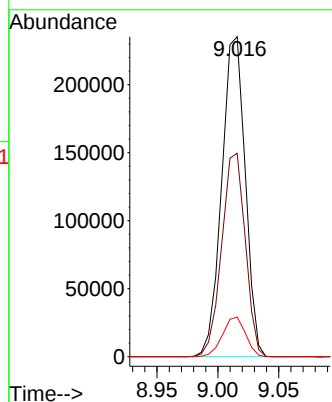
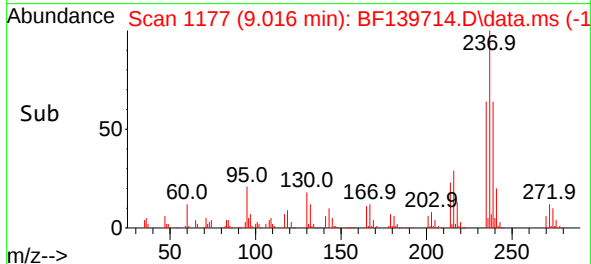


Tgt Ion:237 Resp: 316400
Ion Ratio Lower Upper
237 100
235 63.6 42.5 82.5
272 12.4 0.0 32.1

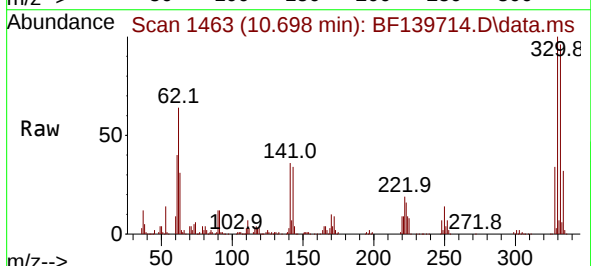
Manual Integrations

APPROVED

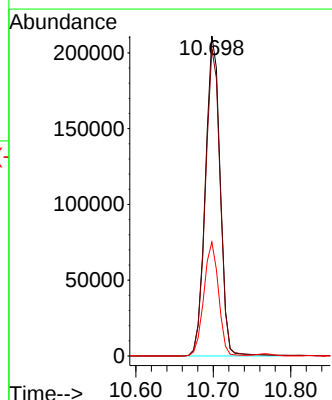
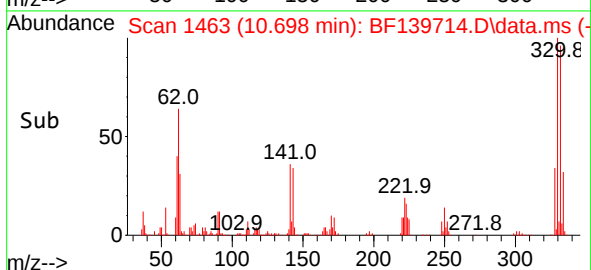
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

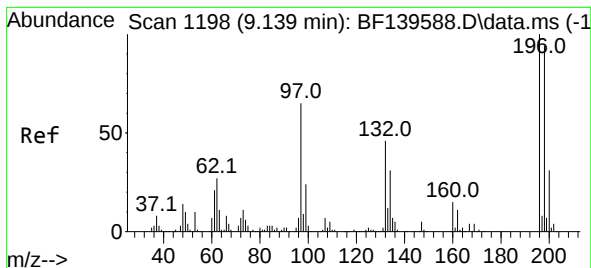


#42
2,4,6-Tribromophenol
Concen: 131.427 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11



Tgt Ion:330 Resp: 279158
Ion Ratio Lower Upper
330 100
332 96.5 76.5 114.7
141 35.4 29.3 43.9





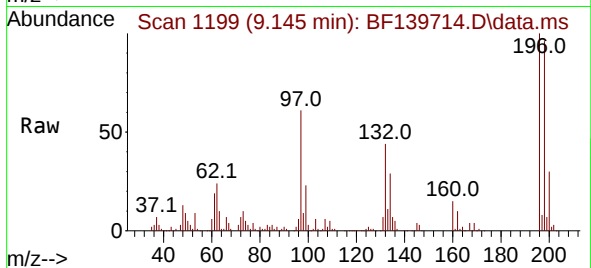
#43
2,4,6-Trichlorophenol
Concen: 45.911 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS



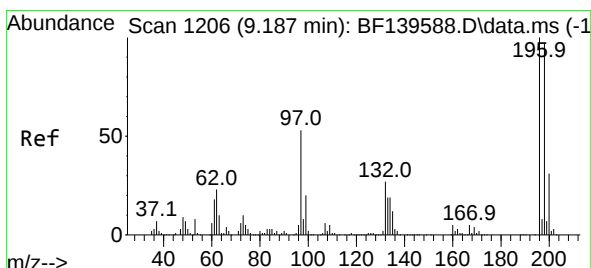
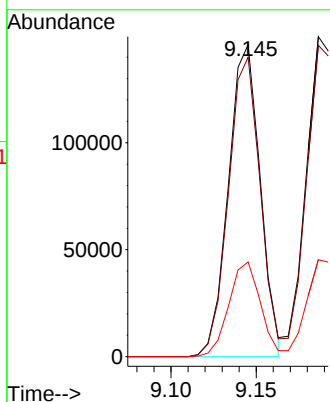
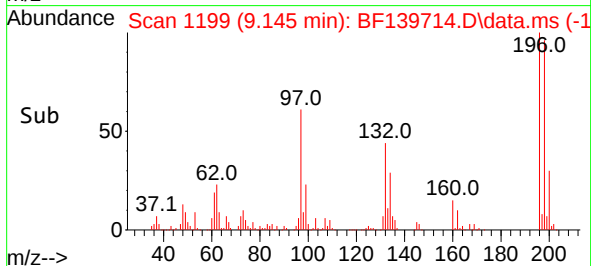
Tgt Ion:196 Resp: 189104
Ion Ratio Lower Upper
196 100
198 96.0 75.2 112.8
200 30.4 24.6 37.0

Manual Integrations

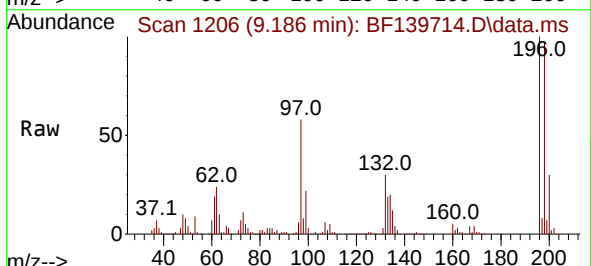
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

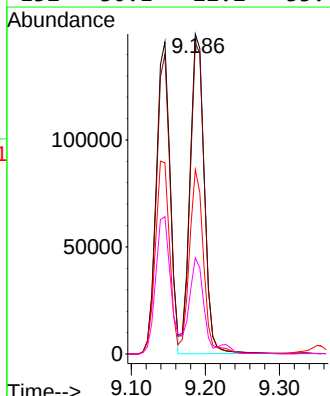
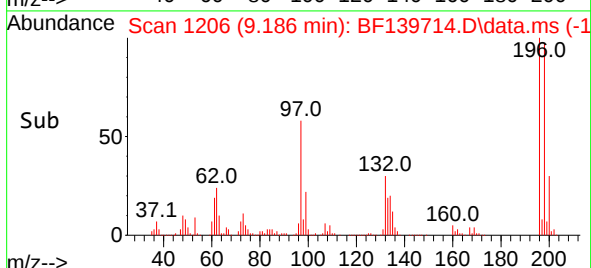
Supervised By :mohammad ahmed 10/10/2024

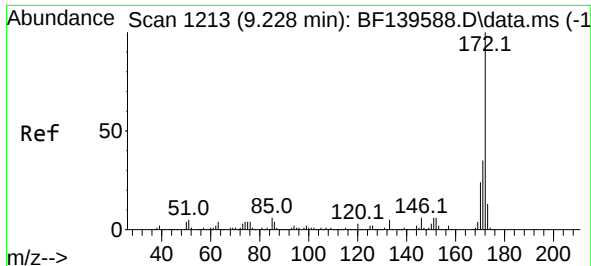


#44
2,4,5-Trichlorophenol
Concen: 45.206 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11



Tgt Ion:196 Resp: 200800
Ion Ratio Lower Upper
196 100
198 97.3 77.5 116.3
97 57.6 43.1 64.7
132 30.1 22.2 33.4





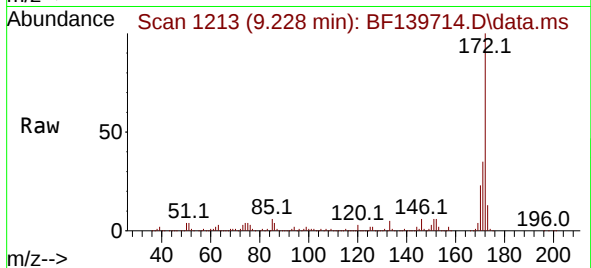
#45
2-Fluorobiphenyl
Concen: 87.348 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS



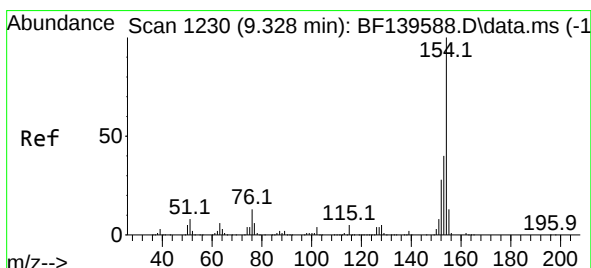
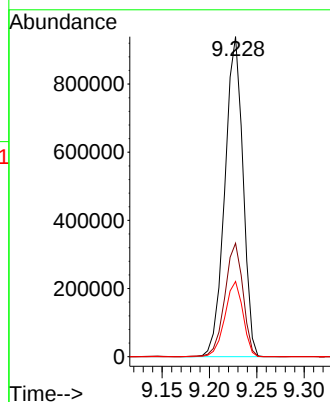
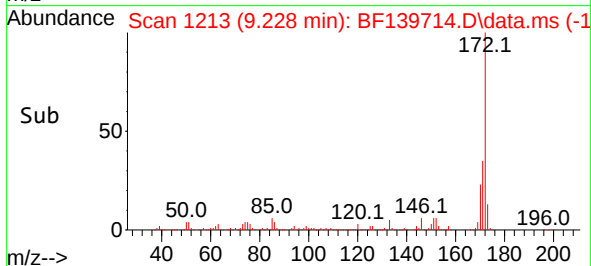
Tgt Ion:172 Resp: 125193
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.5 18.8 28.2

Manual Integrations

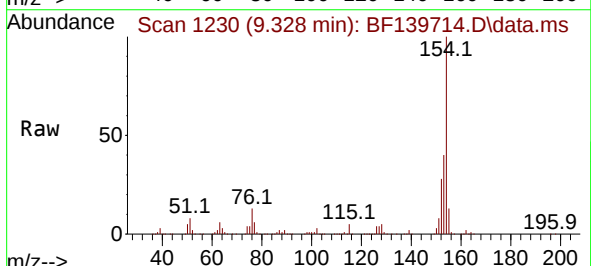
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

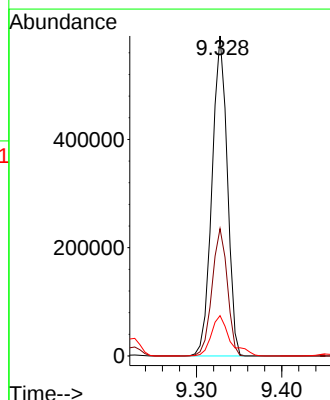
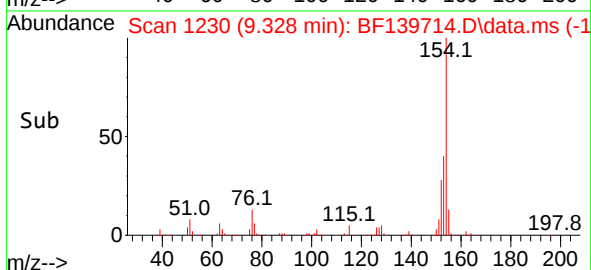
Supervised By :mohammad ahmed 10/10/2024



#46
1,1'-Biphenyl
Concen: 44.987 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11



Tgt Ion:154 Resp: 736234
Ion Ratio Lower Upper
154 100
153 39.8 20.1 60.1
76 12.6 0.0 32.6





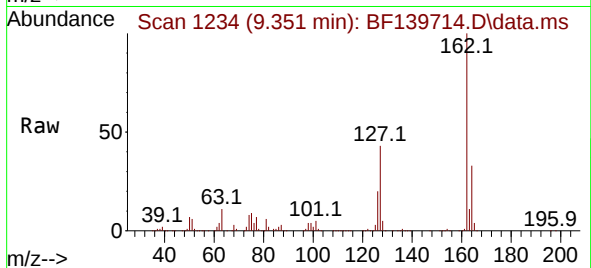
#47
2-Chloronaphthalene
Concen: 44.942 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

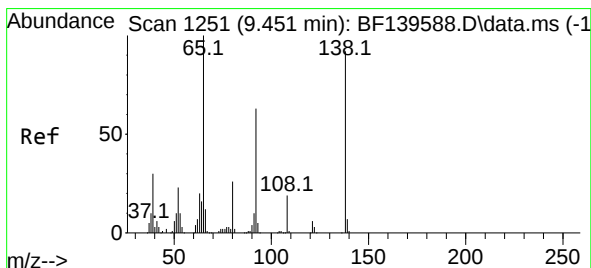
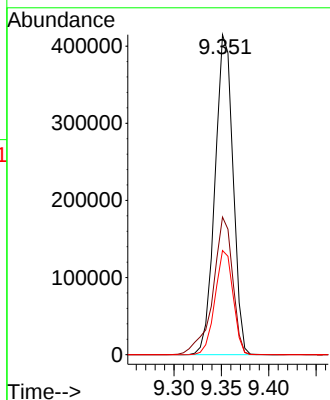
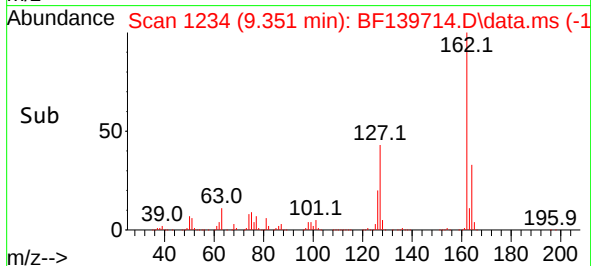
PB163970BS



Tgt Ion:162 Resp: 55138
Ion Ratio Lower Upper
162 100
127 43.0 35.0 52.4
164 32.5 26.1 39.1

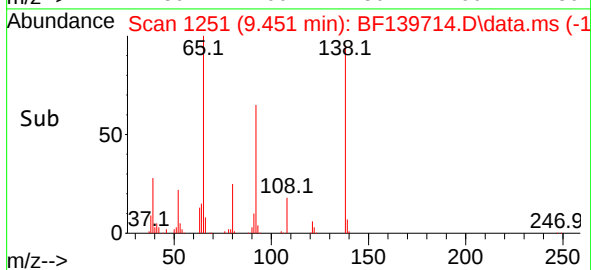
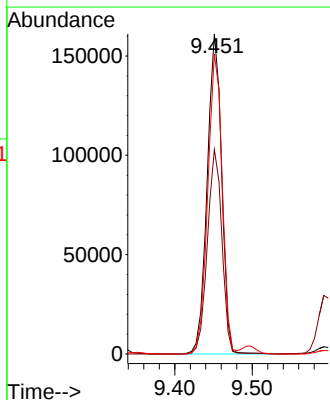
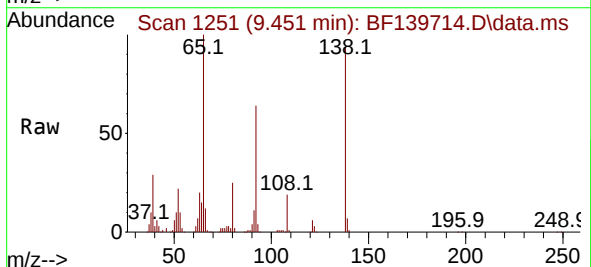
Manual Integrations
APPROVED

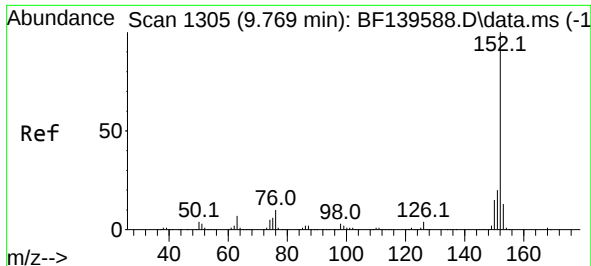
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#48
2-Nitroaniline
Concen: 47.390 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Tgt Ion: 65 Resp: 208712
Ion Ratio Lower Upper
65 100
92 63.9 50.0 75.0
138 93.8 73.8 110.8





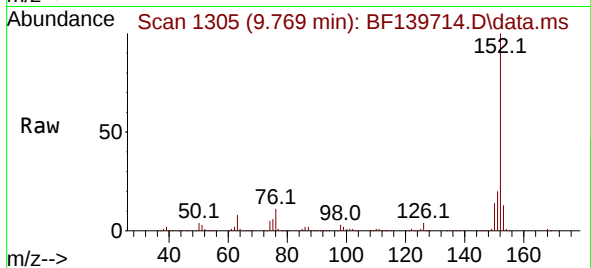
#49
Acenaphthylene
Concen: 48.496 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS



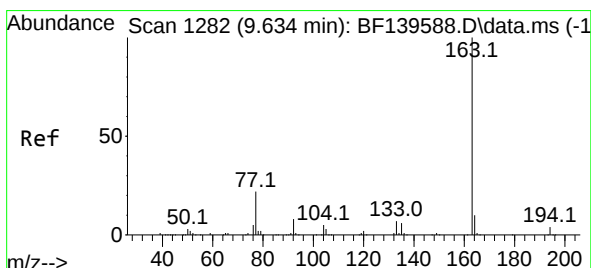
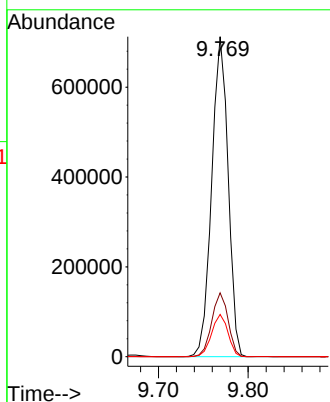
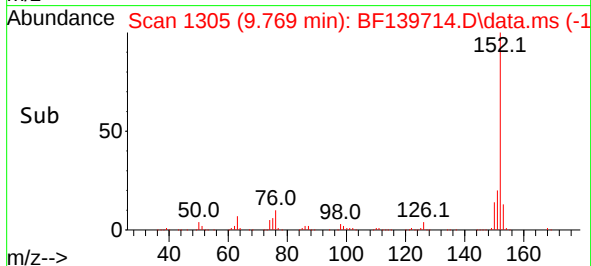
Tgt Ion:152 Resp: 90483
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.2 10.5 15.7

Manual Integrations

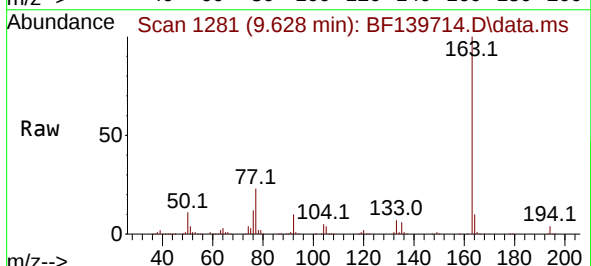
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

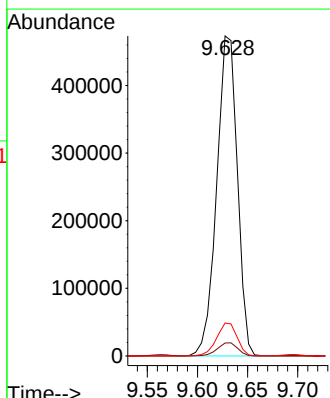
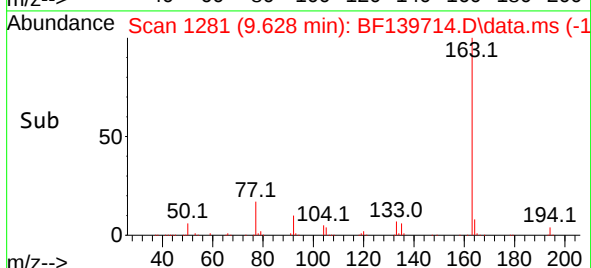
Supervised By :mohammad ahmed 10/10/2024



#50
Dimethylphthalate
Concen: 47.061 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11



Tgt Ion:163 Resp: 677845
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 45.433 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

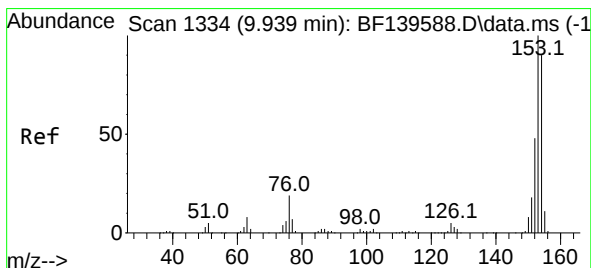
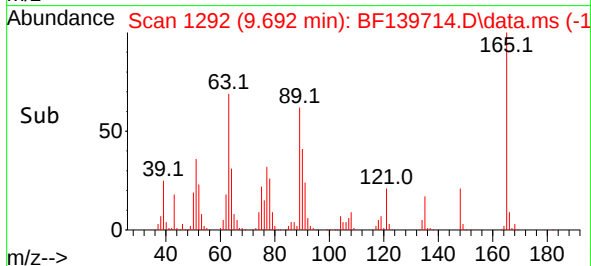
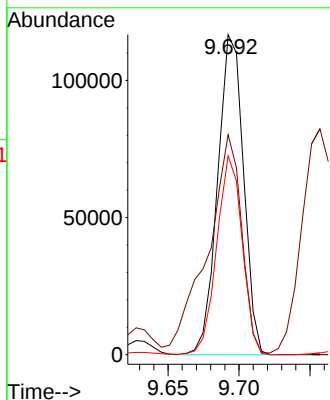
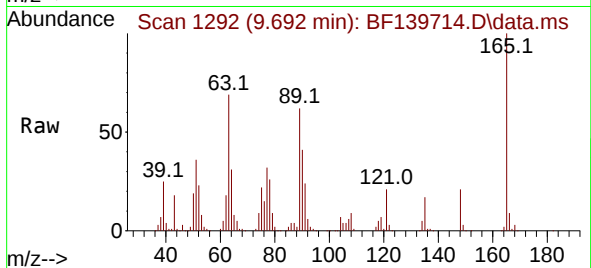
ClientSampleId :

PB163970BS

Tgt Ion:165 Resp: 14782
Ion Ratio Lower Upper
165 100
63 68.8 56.7 85.1
89 62.1 51.6 77.4

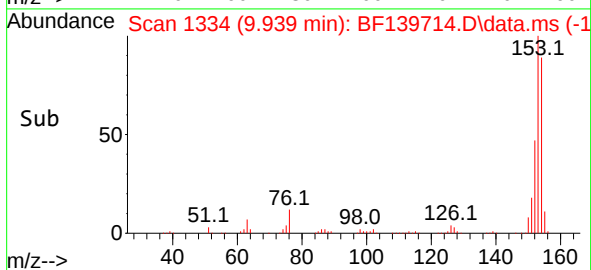
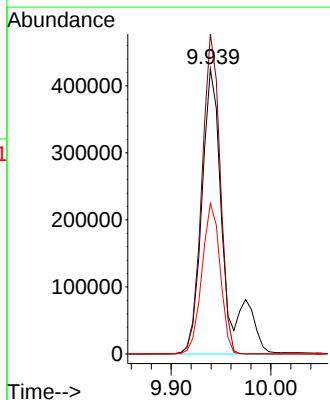
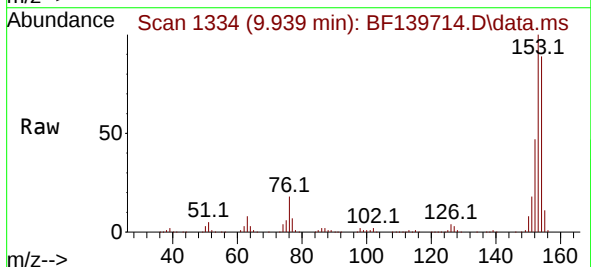
Manual Integrations
APPROVED

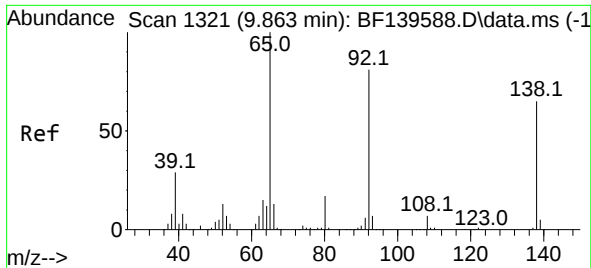
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#52
Acenaphthene
Concen: 50.659 ng m
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Tgt Ion:154 Resp: 648869
Ion Ratio Lower Upper
154 100
153 112.3 88.8 133.2
152 52.9 42.5 63.7





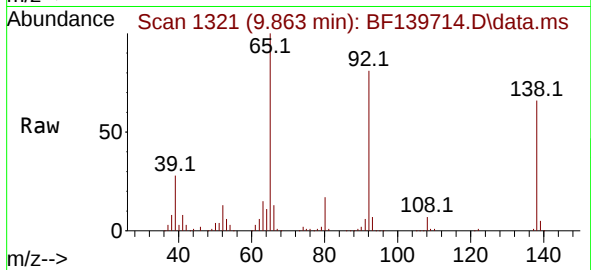
#53
3-Nitroaniline
Concen: 35.083 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS



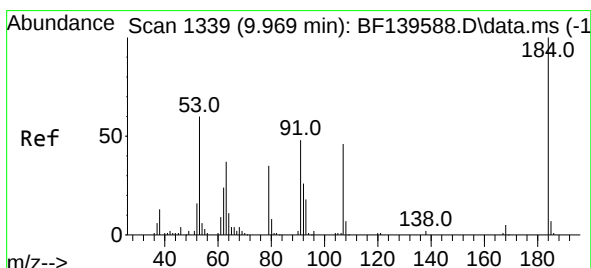
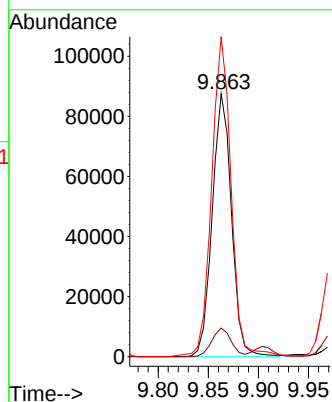
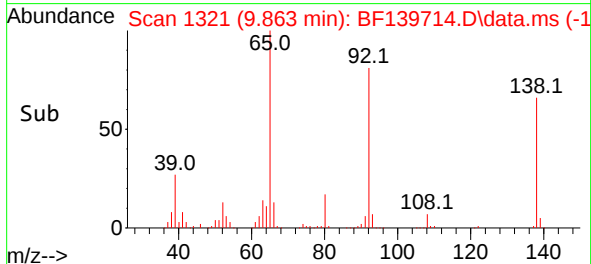
Tgt Ion:138 Resp: 11665
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 121.8 100.0 150.0

Manual Integrations

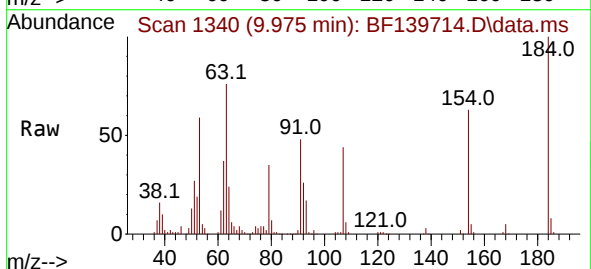
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

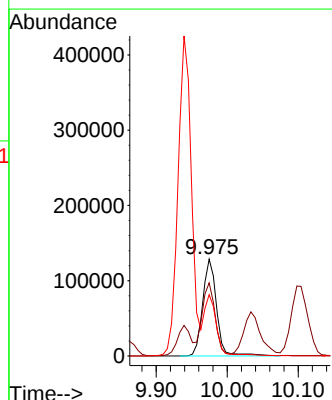
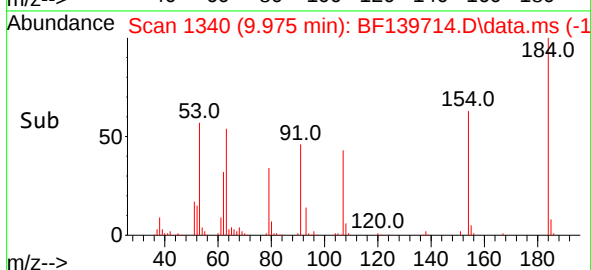
Supervised By :mohammad ahmed 10/10/2024

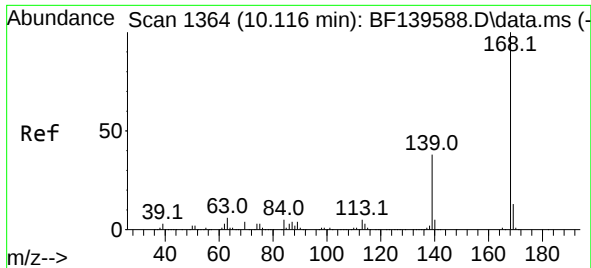


#54
2,4-Dinitrophenol
Concen: 100.798 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11



Tgt Ion:184 Resp: 176402
Ion Ratio Lower Upper
184 100
63 75.5 61.7 92.5
154 63.3 53.0 79.4





#55
Dibenzenofuran
Concen: 46.072 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

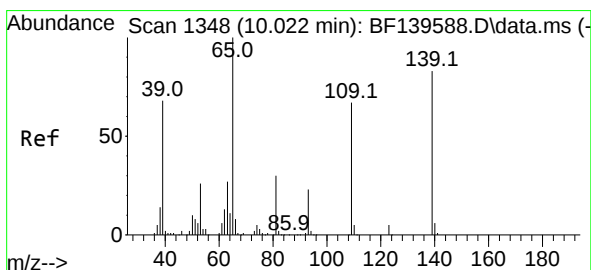
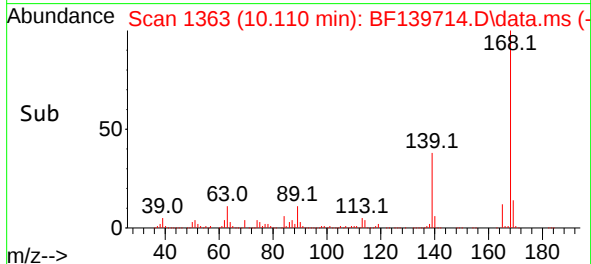
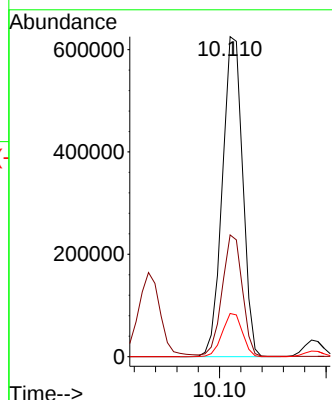
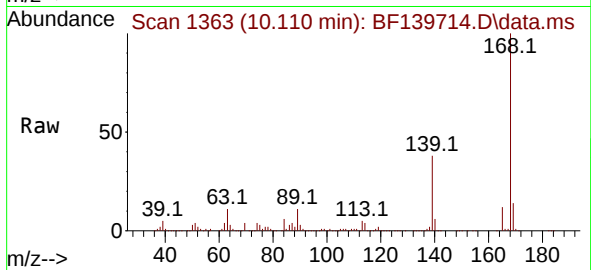
ClientSampleId :

PB163970BS

Tgt Ion:168 Resp: 82624
Ion Ratio Lower Upper
168 100
139 38.0 30.4 45.6
169 13.5 10.7 16.1

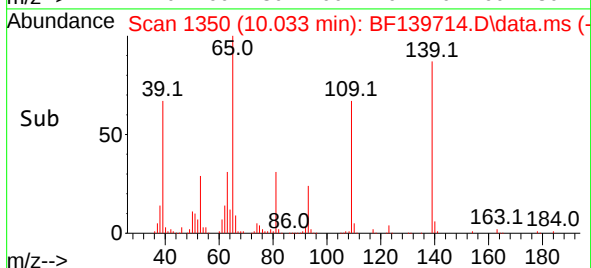
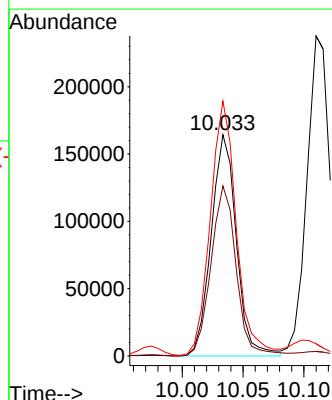
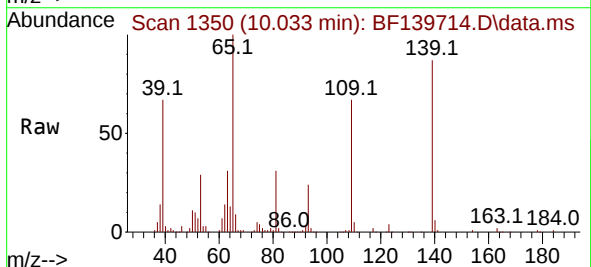
Manual Integrations
APPROVED

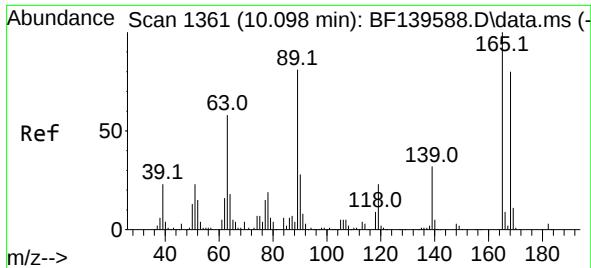
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#56
4-Nitrophenol
Concen: 93.204 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Tgt Ion:139 Resp: 236329
Ion Ratio Lower Upper
139 100
109 76.9 60.3 100.3
65 115.2 100.8 140.8





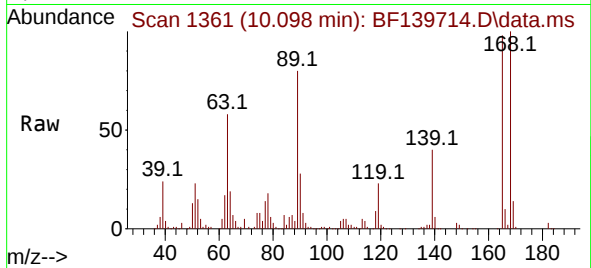
#57
2,4-Dinitrotoluene
Concen: 46.856 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS

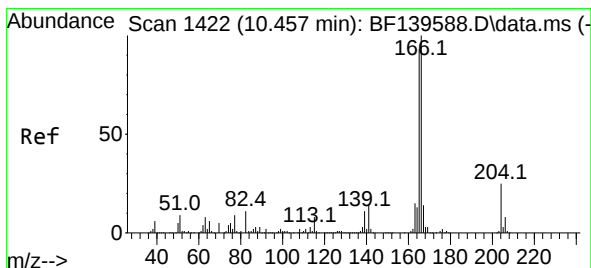
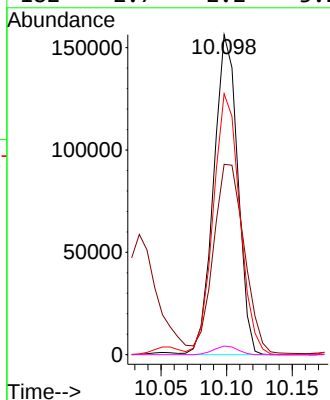
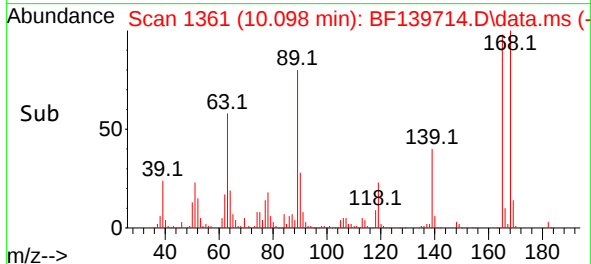


Tgt Ion:165 Resp: 199270
Ion Ratio Lower Upper
165 100
63 59.5 46.9 70.3
89 81.5 64.4 96.6
182 2.7 2.2 3.2

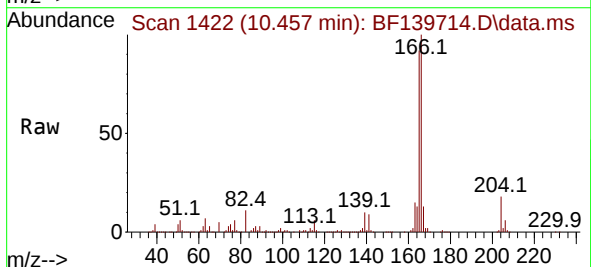
Manual Integrations

APPROVED

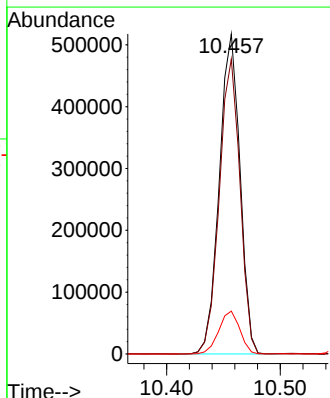
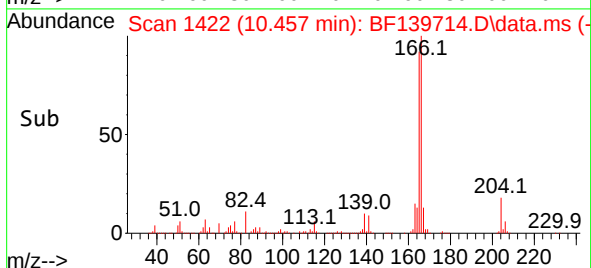
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#58
Fluorene
Concen: 45.902 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11



Tgt Ion:166 Resp: 655659
Ion Ratio Lower Upper
166 100
165 92.2 74.4 111.6
167 13.4 10.9 16.3





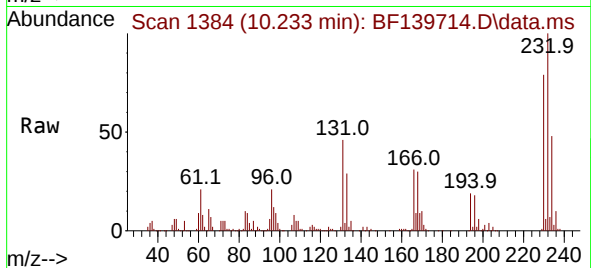
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.461 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS



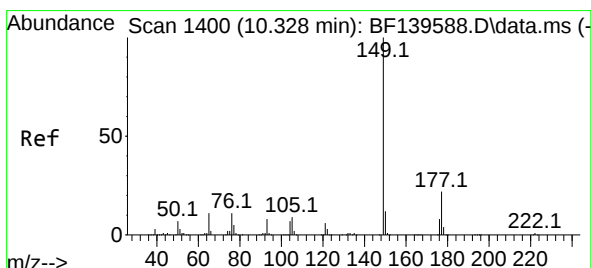
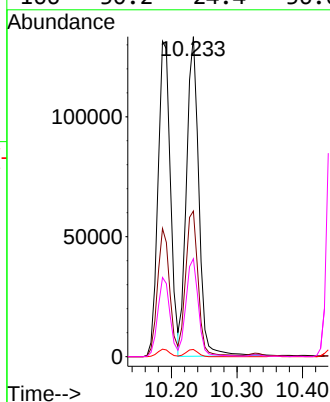
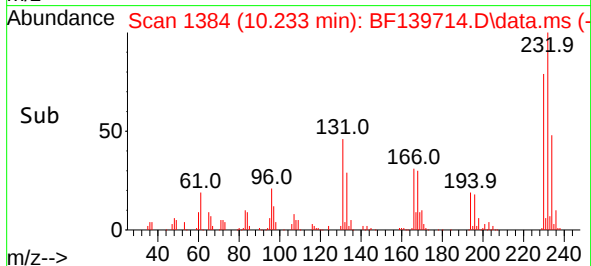
Tgt Ion:232 Resp: 173860
Ion Ratio Lower Upper
232 100
131 46.7 37.8 56.6
130 2.2 1.9 2.9
166 30.2 24.4 36.6

Manual Integrations

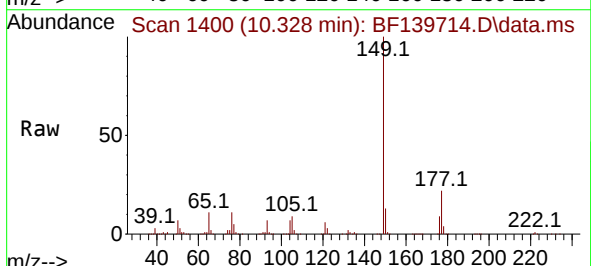
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

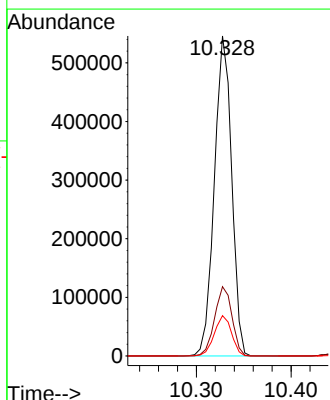
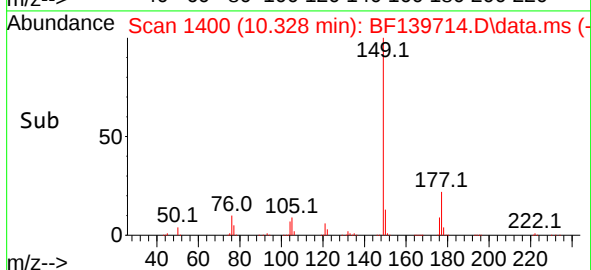
Supervised By :mohammad ahmed 10/10/2024

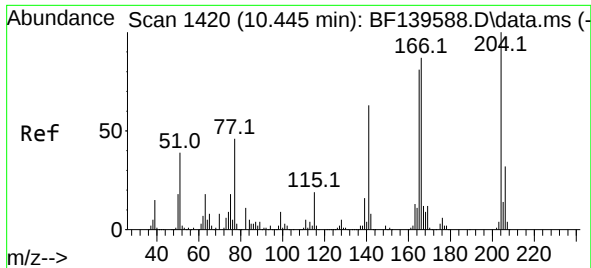


#60
Diethylphthalate
Concen: 46.551 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11



Tgt Ion:149 Resp: 692549
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.0
150 12.6 10.0 15.0





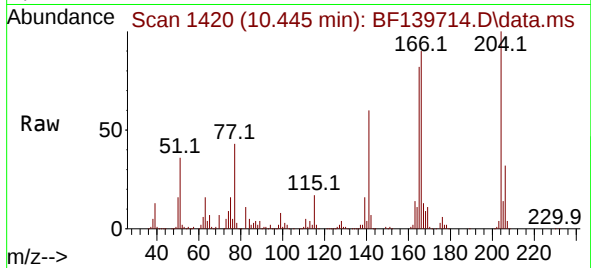
#61
4-Chlorophenyl-phenylether
Concen: 45.551 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS

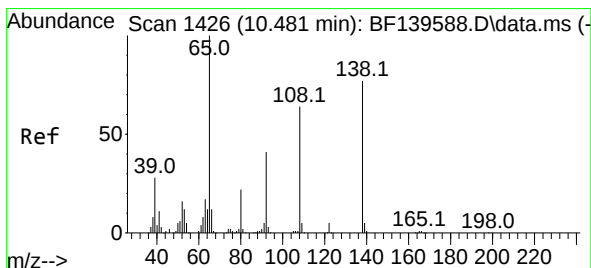
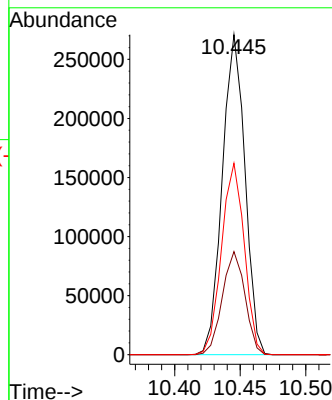
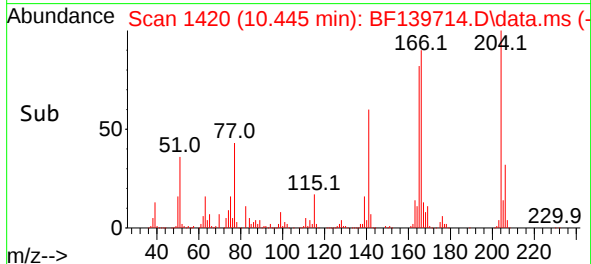


Tgt Ion:204 Resp: 32551
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 59.8 50.5 75.7

Manual Integrations

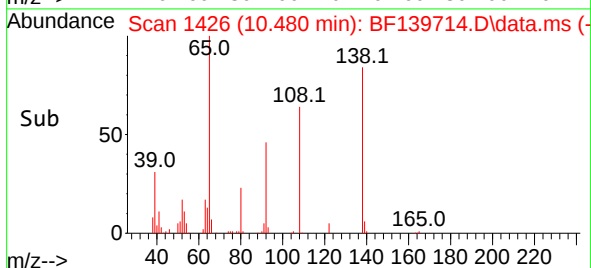
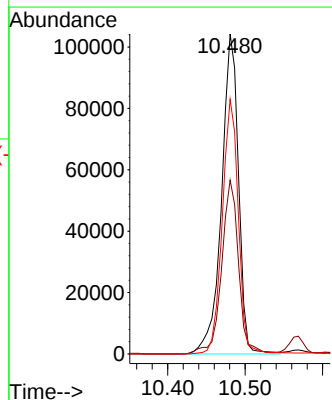
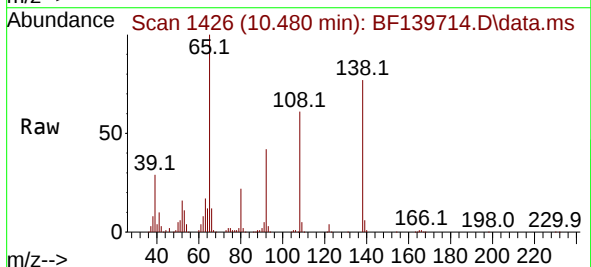
APPROVED

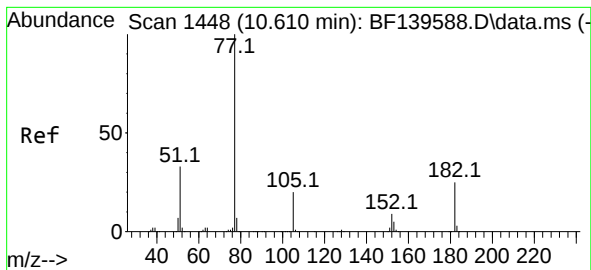
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#62
4-Nitroaniline
Concen: 46.567 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Tgt Ion:138 Resp: 158379
Ion Ratio Lower Upper
138 100
92 54.4 33.3 73.3
108 79.6 62.1 102.1





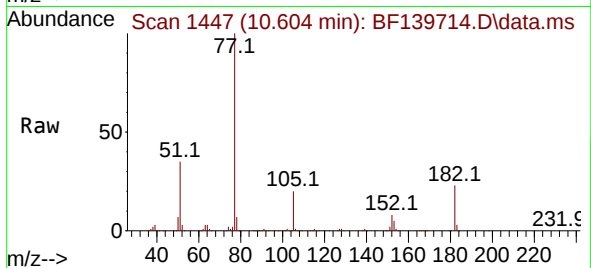
#63
Azobenzene
Concen: 46.440 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS



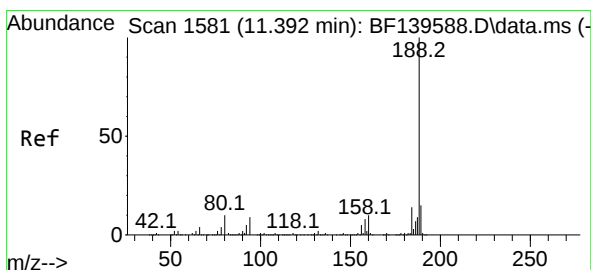
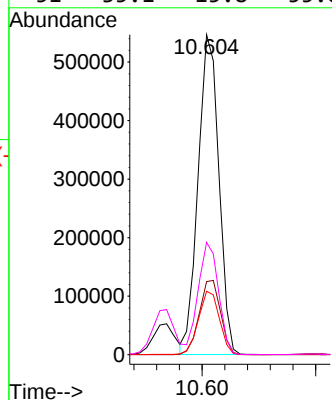
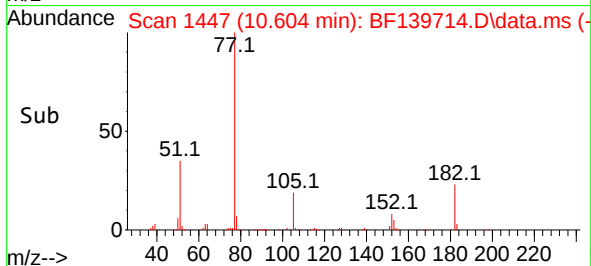
Tgt Ion: 77 Resp: 694809
Ion Ratio Lower Upper
77 100
182 22.8 4.2 44.2
105 19.8 0.0 39.6
51 35.1 15.8 55.8

Manual Integrations

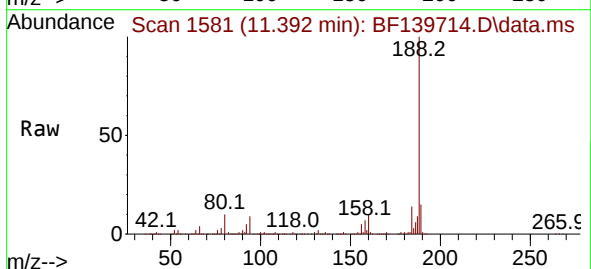
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

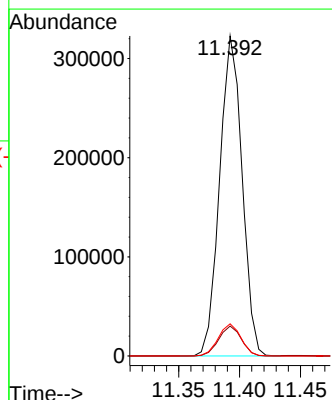
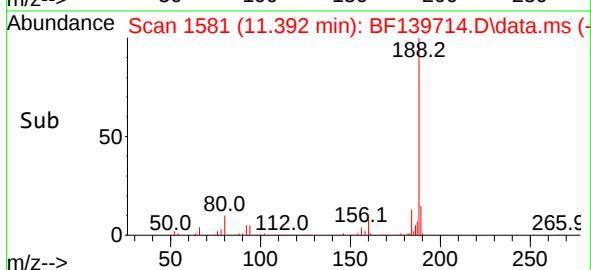
Supervised By :mohammad ahmed 10/10/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11



Tgt Ion:188 Resp: 414520
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.1 8.2 12.2





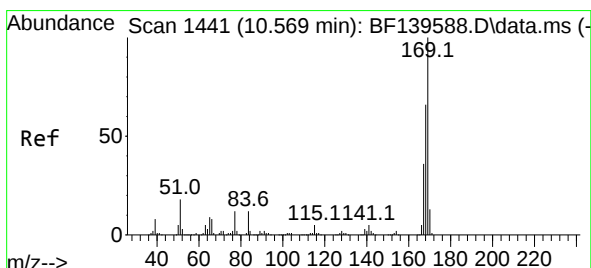
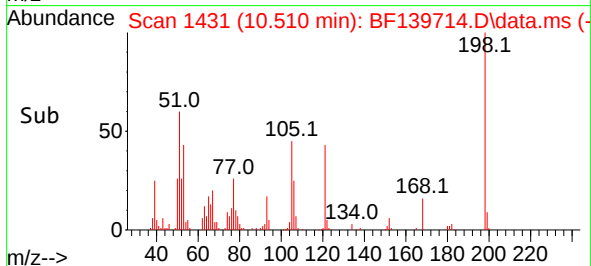
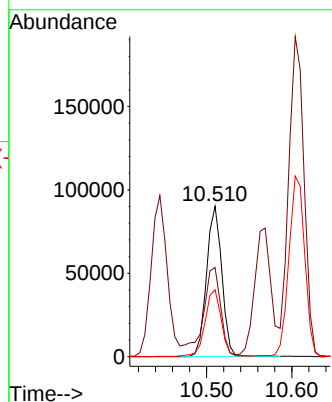
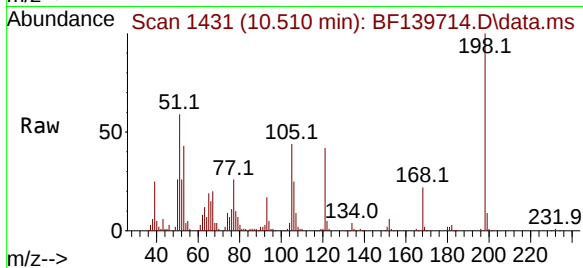
#65
4,6-Dinitro-2-methylphenol
Concen: 48.188 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :
BNA_F
ClientSampleId :
PB163970BS

Tgt Ion:198 Resp: 112814
Ion Ratio Lower Upper
198 100
51 59.2 43.0 83.0
105 44.4 26.6 66.6

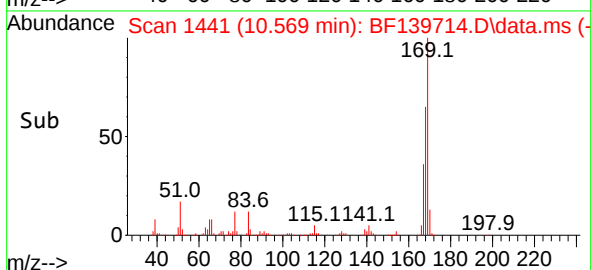
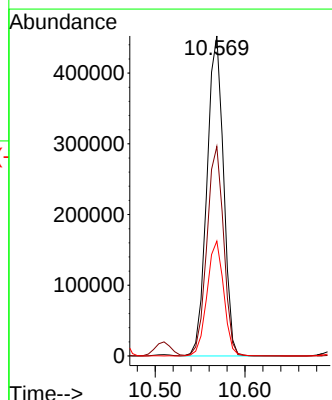
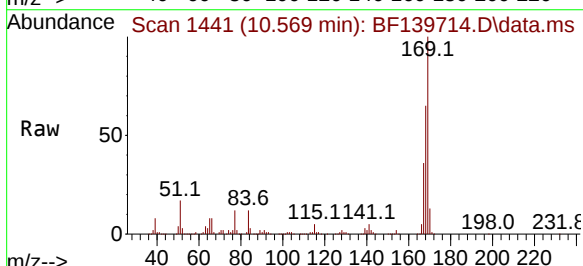
Manual Integrations
APPROVED

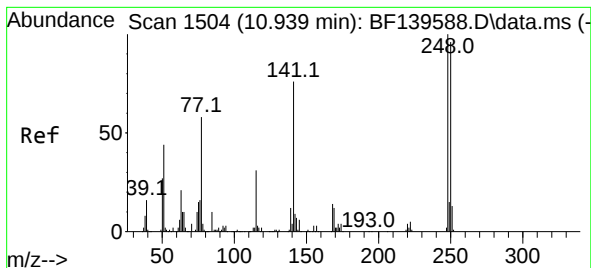
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#66
n-Nitrosodiphenylamine
Concen: 47.413 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

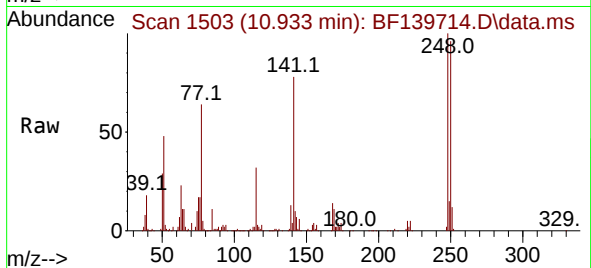
Tgt Ion:169 Resp: 579321
Ion Ratio Lower Upper
169 100
168 65.5 53.2 79.8
167 35.9 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 46.054 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

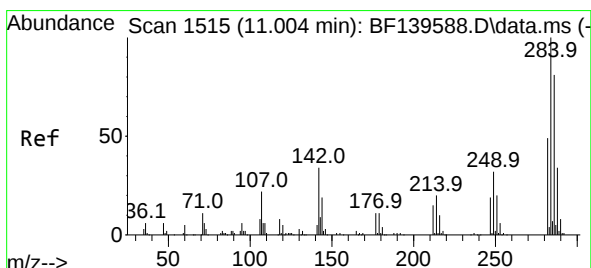
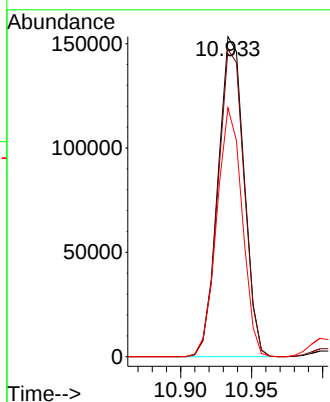
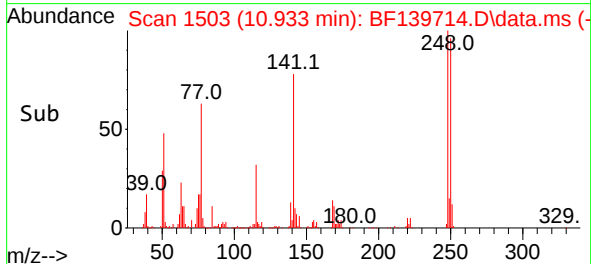
Instrument :
BNA_F
ClientSampleId :
PB163970BS



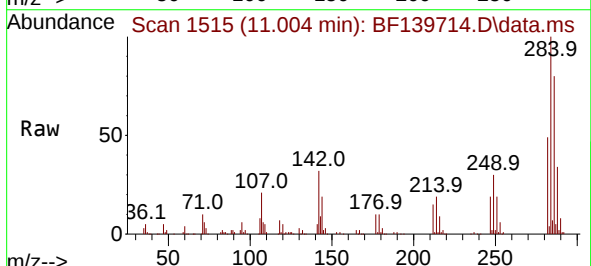
Tgt Ion:248 Resp: 195730
Ion Ratio Lower Upper
248 100
250 96.0 77.1 115.7
141 77.8 60.4 90.6

Manual Integrations
APPROVED

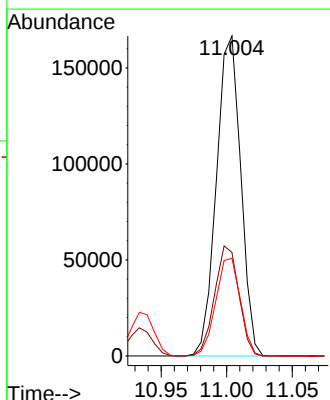
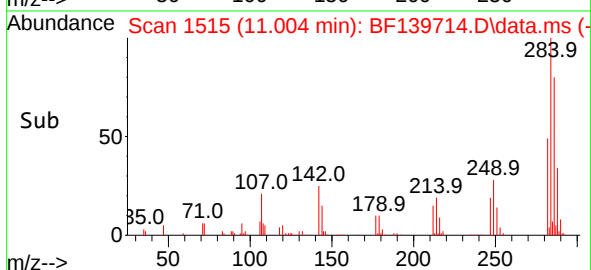
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

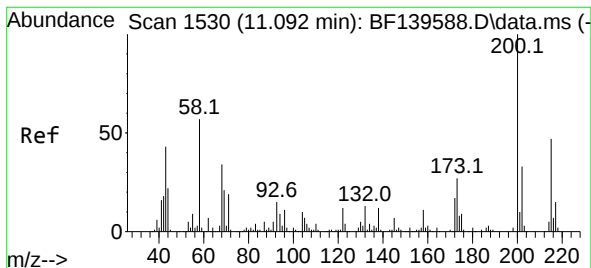


#68
Hexachlorobenzene
Concen: 45.579 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11



Tgt Ion:284 Resp: 214954
Ion Ratio Lower Upper
284 100
142 32.4 26.9 40.3
249 30.5 25.4 38.0





#69

Atrazine

Concen: 57.553 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS

Tgt Ion:200 Resp: 188674

Ion Ratio Lower Upper

200 100

173 27.9 6.7 46.7

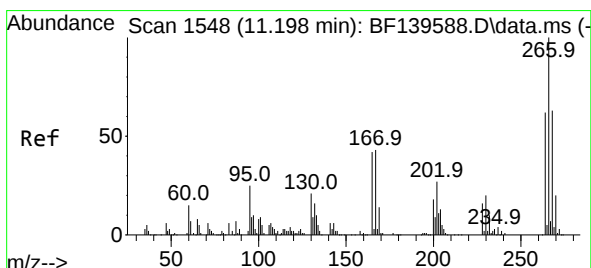
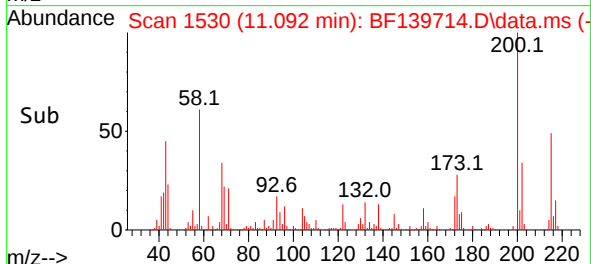
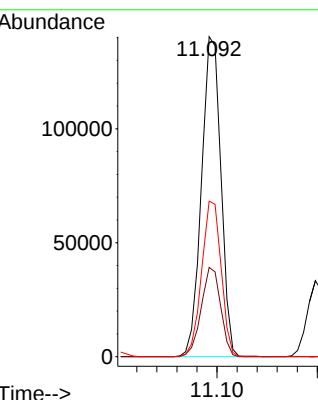
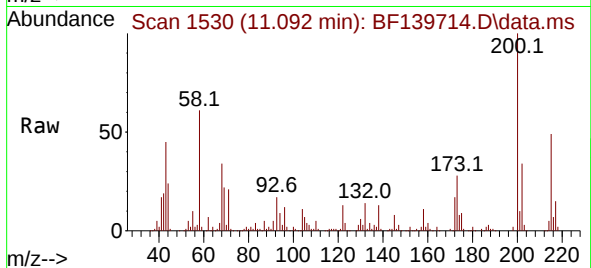
215 48.6 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#70

Pentachlorophenol

Concen: 85.539 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

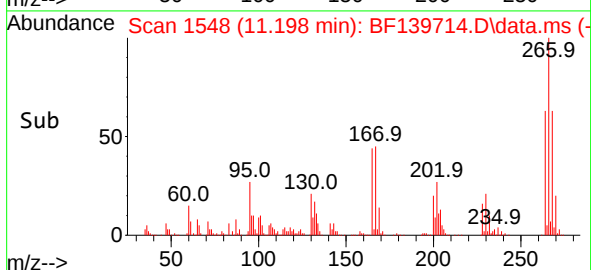
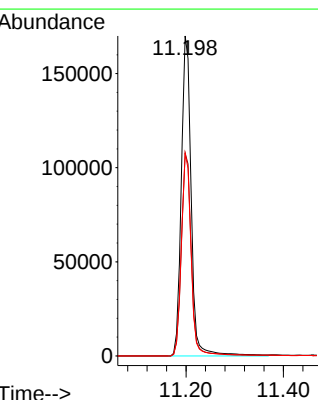
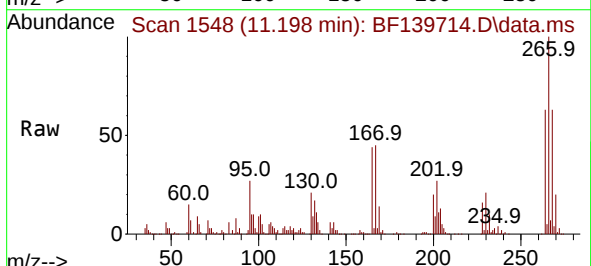
Tgt Ion:266 Resp: 240211

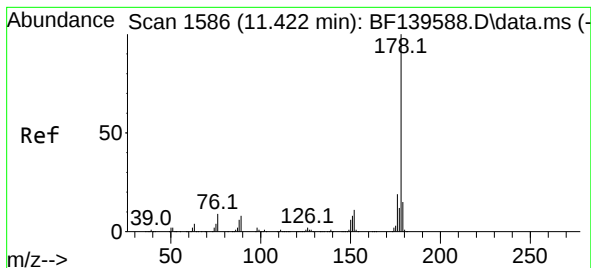
Ion Ratio Lower Upper

266 100

268 63.4 50.0 75.0

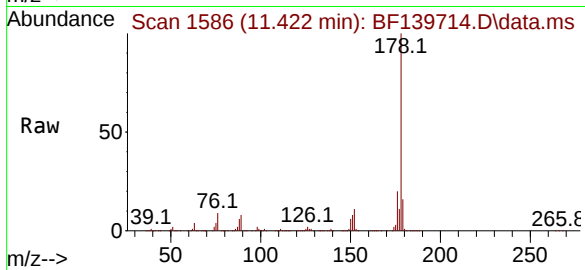
264 63.3 49.3 73.9





#71
Phenanthrene
Concen: 47.479 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

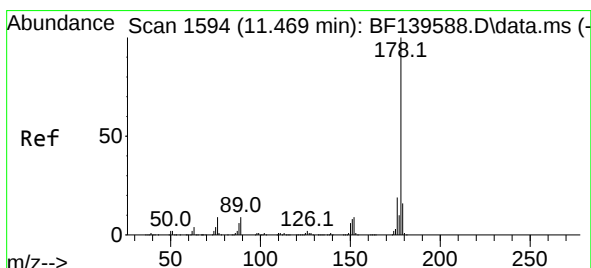
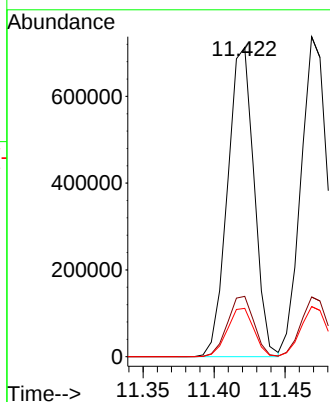
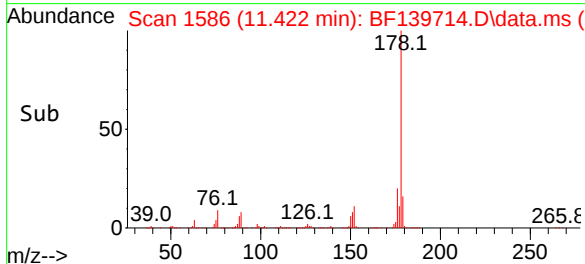
Instrument :
BNA_F
ClientSampleId :
PB163970BS



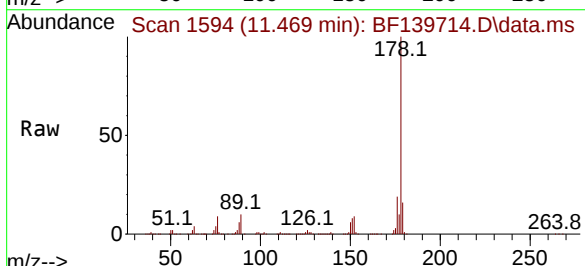
Tgt Ion:178 Resp: 92797
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.6 12.3 18.5

Manual Integrations
APPROVED

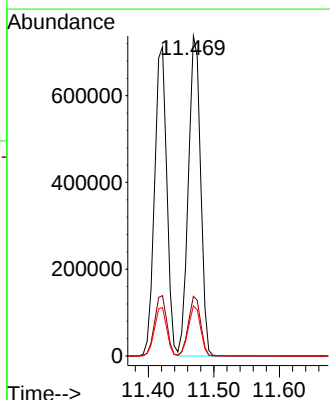
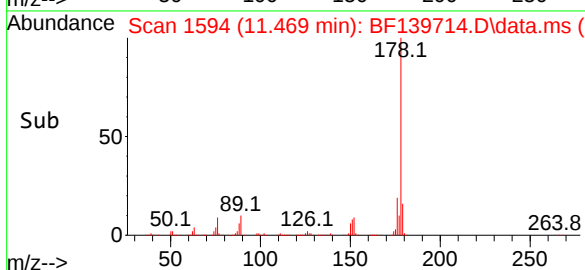
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

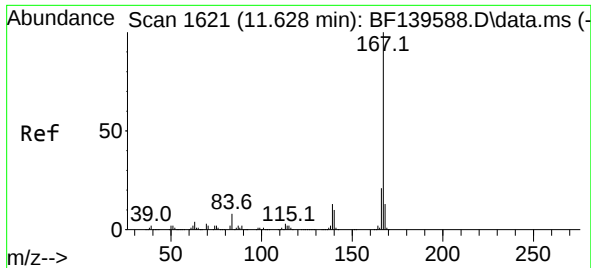


#72
Anthracene
Concen: 49.169 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11



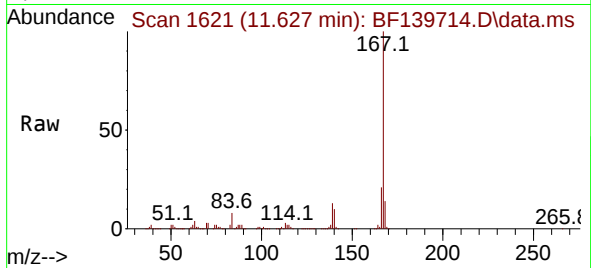
Tgt Ion:178 Resp: 950725
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 46.536 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139714.D
 Acq: 09 Oct 2024 11:11

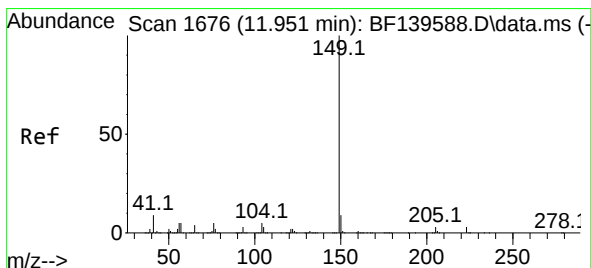
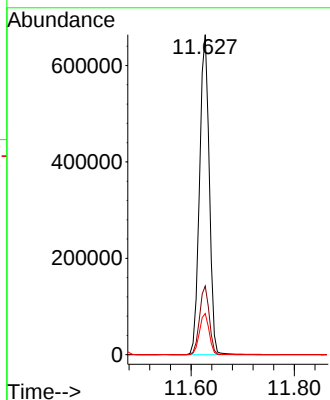
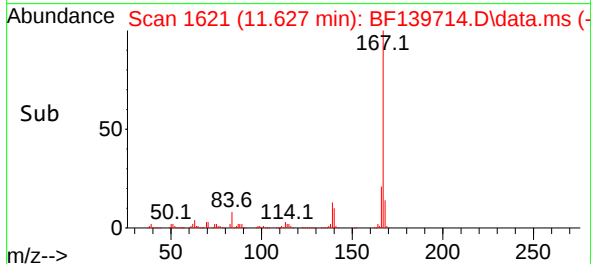
Instrument :
 BNA_F
 ClientSampleId :
 PB163970BS



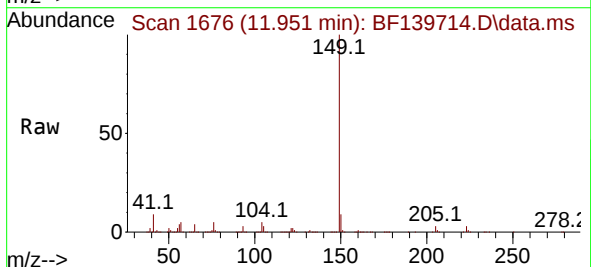
Tgt Ion:167 Resp: 864219
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.9 10.3 15.5

Manual Integrations
 APPROVED

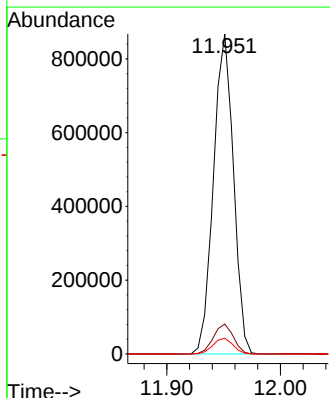
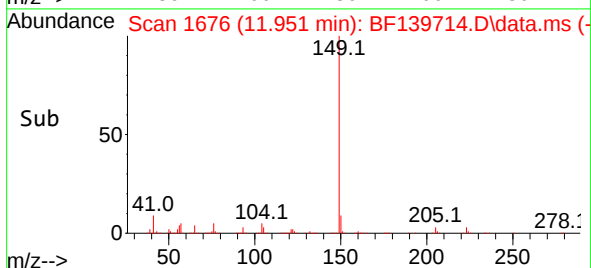
Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/10/2024

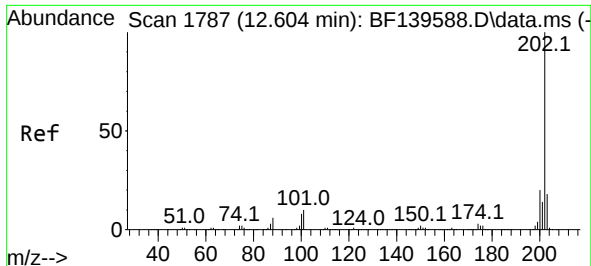


#74
 Di-n-butylphthalate
 Concen: 46.957 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF139714.D
 Acq: 09 Oct 2024 11:11



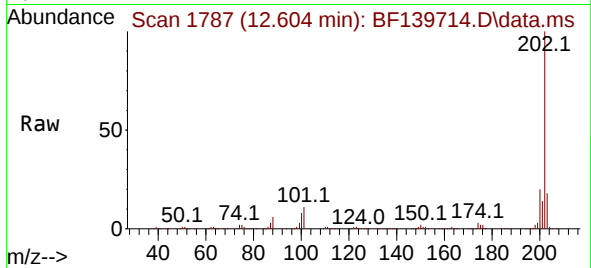
Tgt Ion:149 Resp: 1060440
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 45.994 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

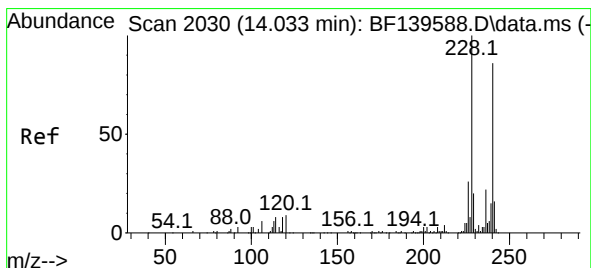
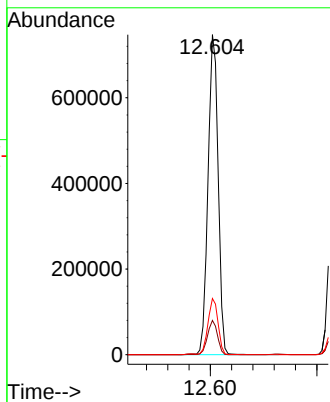
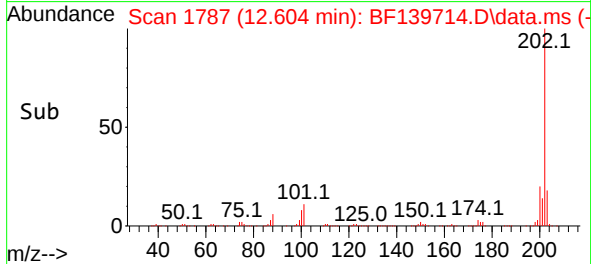
Instrument :
BNA_F
ClientSampleId :
PB163970BS



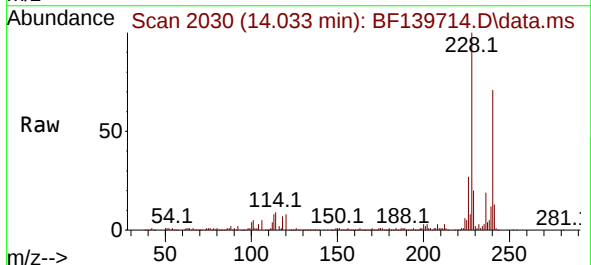
Tgt Ion:202 Resp: 98268
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.2
203 17.6 0.0 37.7

Manual Integrations
APPROVED

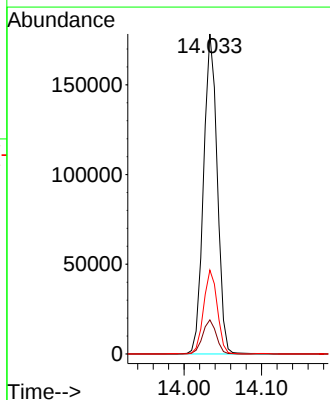
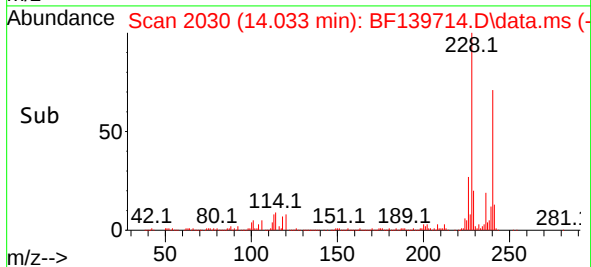
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

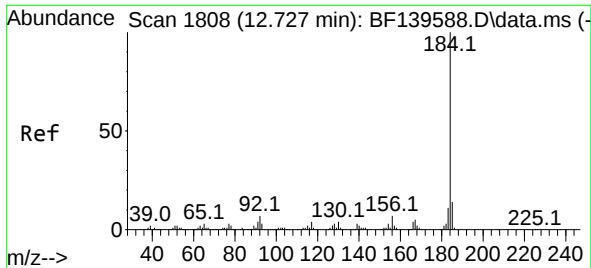


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11



Tgt Ion:240 Resp: 218763
Ion Ratio Lower Upper
240 100
120 10.7 8.4 12.6
236 26.2 20.3 30.5





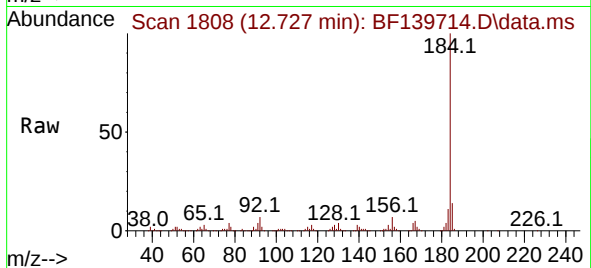
#77
Benzidine
Concen: 82.619 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS



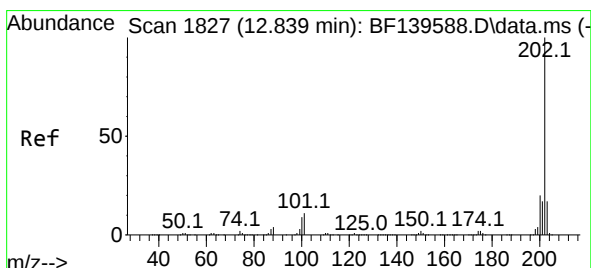
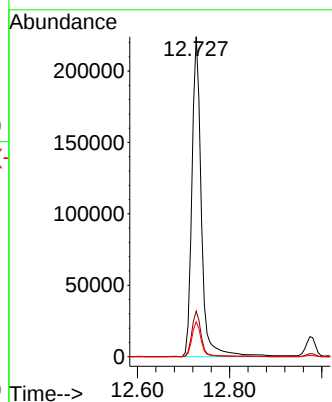
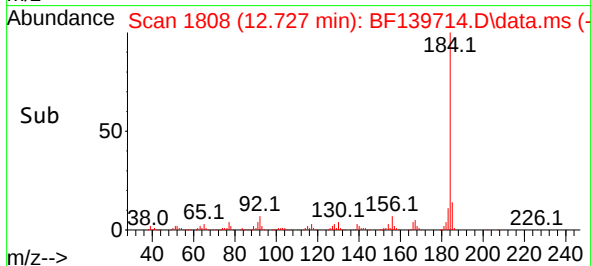
Tgt Ion:184 Resp: 318804
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.0
183 10.9 8.8 13.2

Manual Integrations

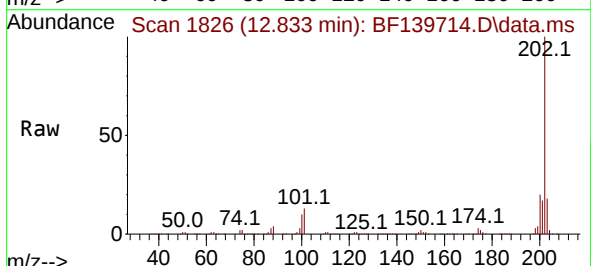
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

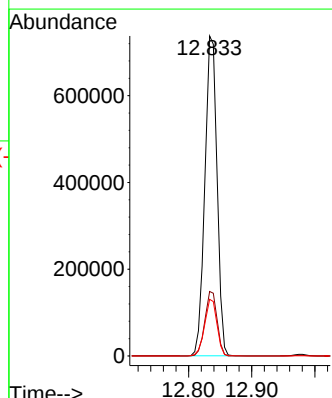
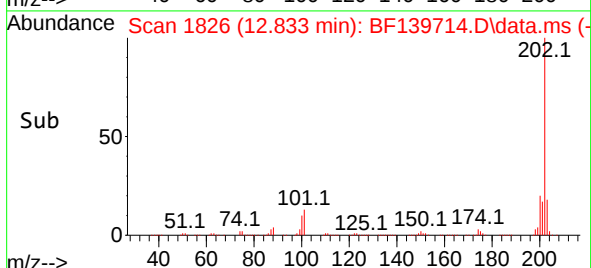
Supervised By :mohammad ahmed 10/10/2024

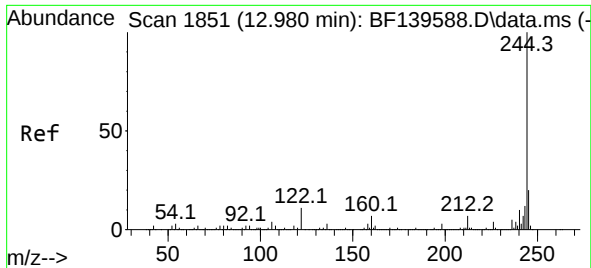


#78
Pyrene
Concen: 50.595 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11



Tgt Ion:202 Resp: 989938
Ion Ratio Lower Upper
202 100
200 20.2 15.8 23.6
203 17.7 13.8 20.8





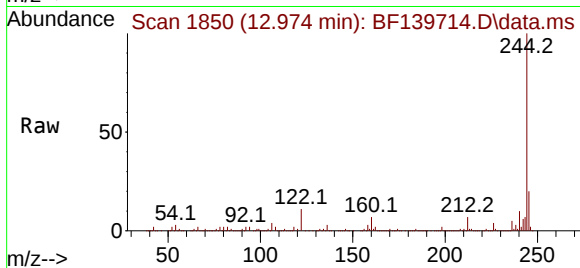
#79
 Terphenyl-d14
 Concen: 100.801 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139714.D
 Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS



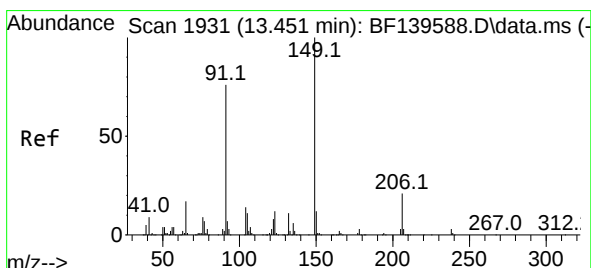
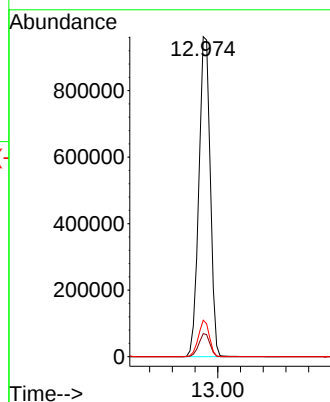
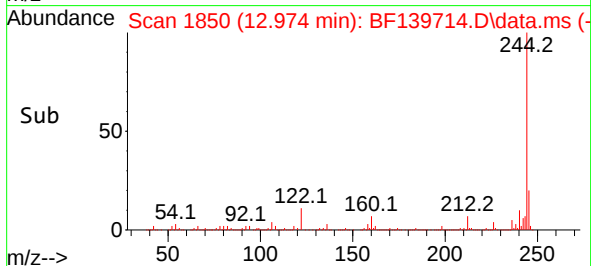
Tgt Ion:244 Resp: 134392
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 11.4 8.6 12.8

Manual Integrations

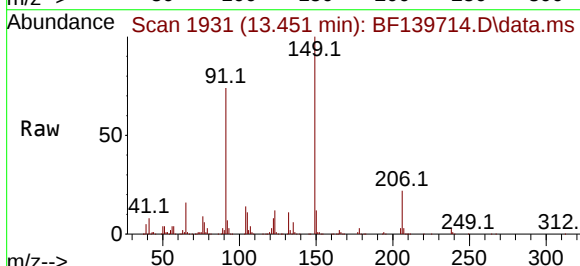
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

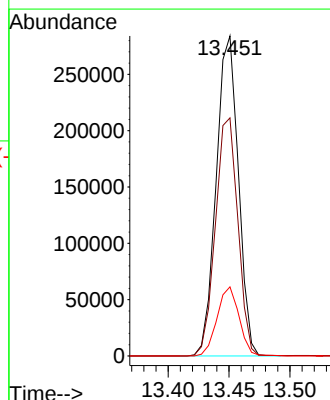
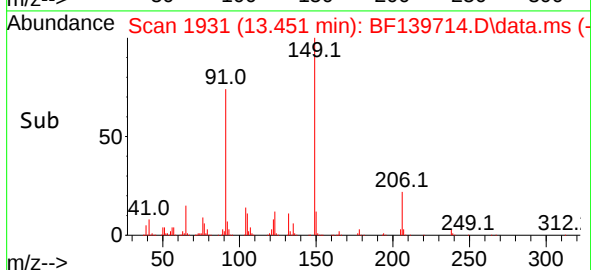
Supervised By :mohammad ahmed 10/10/2024

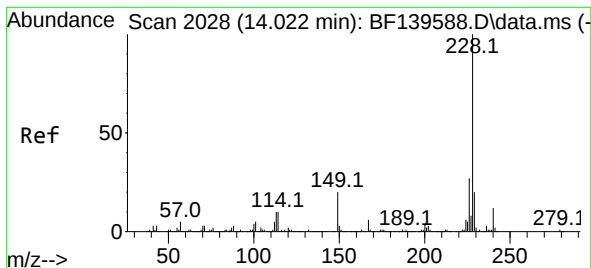


#80
 Butylbenzylphthalate
 Concen: 51.472 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.000 min
 Lab File: BF139714.D
 Acq: 09 Oct 2024 11:11



Tgt Ion:149 Resp: 360232
 Ion Ratio Lower Upper
 149 100
 91 74.4 61.0 91.4
 206 21.6 16.6 24.8





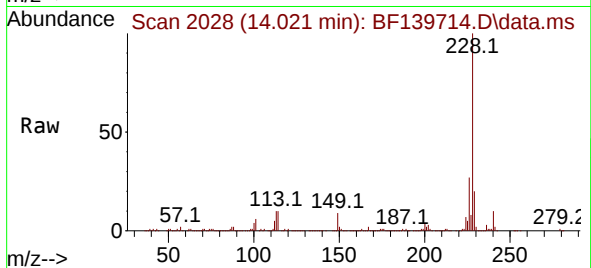
#81
Benzo(a)anthracene
Concen: 48.197 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS



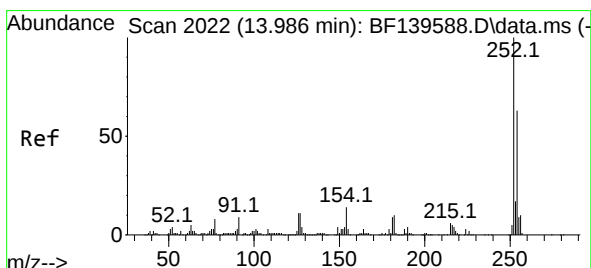
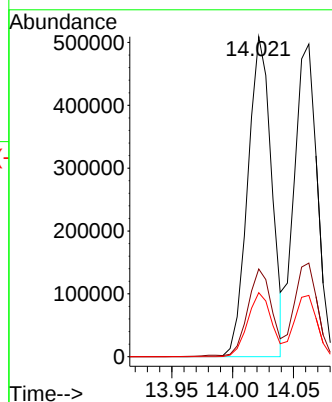
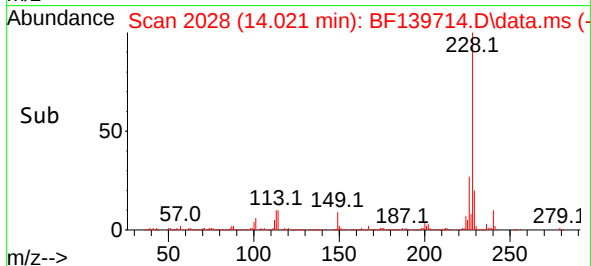
Tgt Ion:228 Resp: 693200
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 20.0 15.8 23.8

Manual Integrations

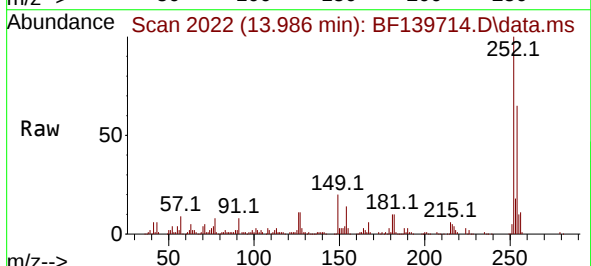
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

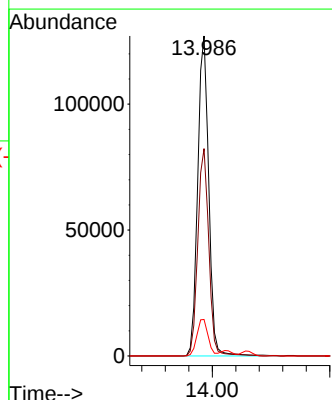
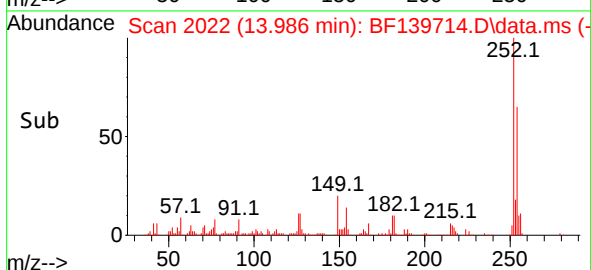
Supervised By :mohammad ahmed 10/10/2024

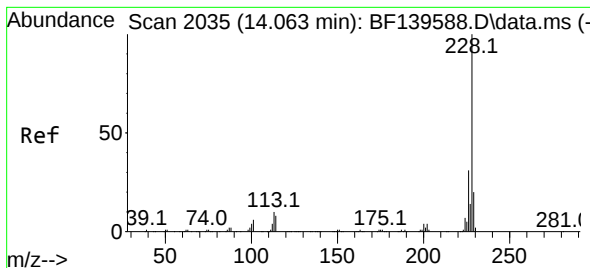


#82
3,3'-Dichlorobenzidine
Concen: 37.577 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11



Tgt Ion:252 Resp: 165405
Ion Ratio Lower Upper
252 100
254 64.8 50.5 75.7
126 11.4 8.8 13.2





#83

Chrysene

Concen: 49.525 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS

Tgt Ion:228 Resp: 651220

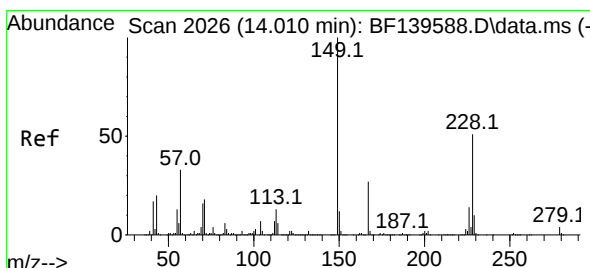
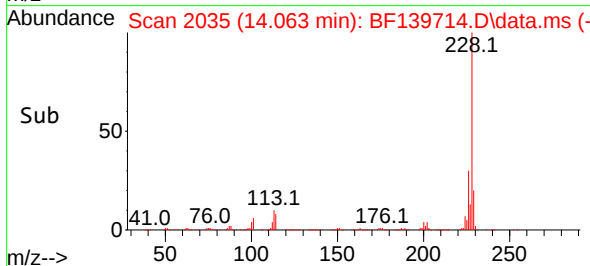
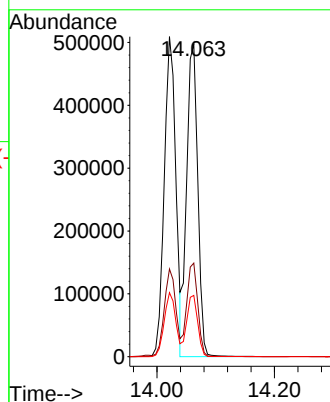
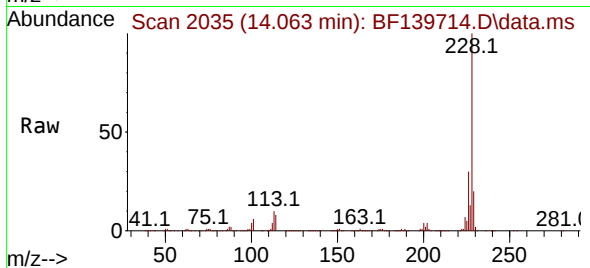
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.3	36.5
229	19.6	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.087 ng

RT: 14.004 min Scan# 2025

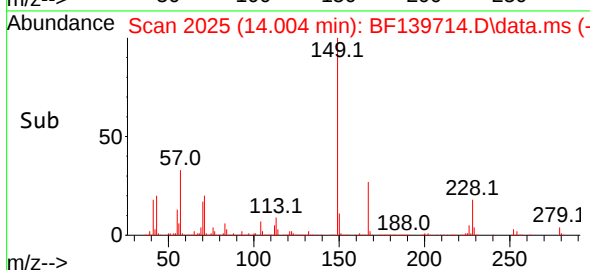
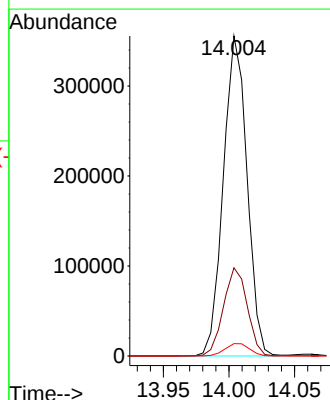
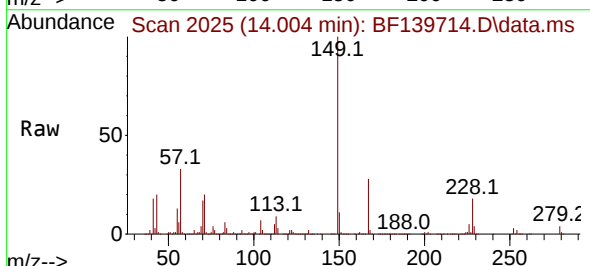
Delta R.T. -0.006 min

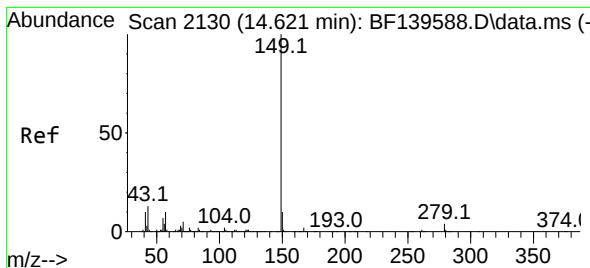
Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Tgt Ion:149 Resp: 446457

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.7	32.5
279	3.9	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 49.184 ng

RT: 14.615 min Scan# 2130

Delta R.T. -0.006 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS

Tgt Ion:149 Resp: 631458

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

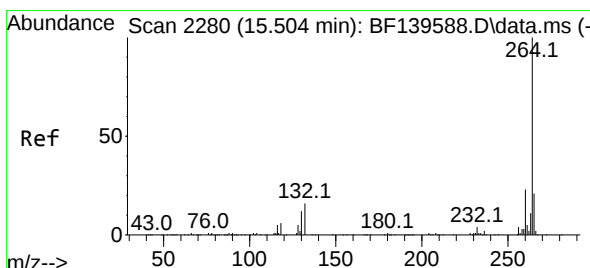
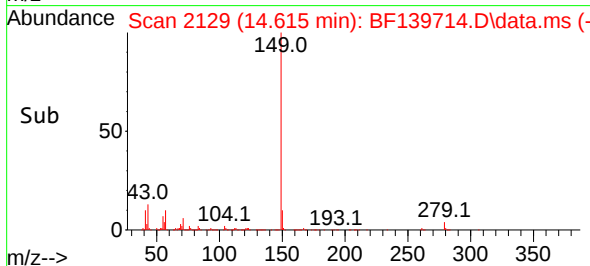
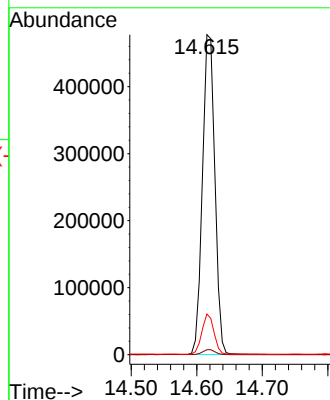
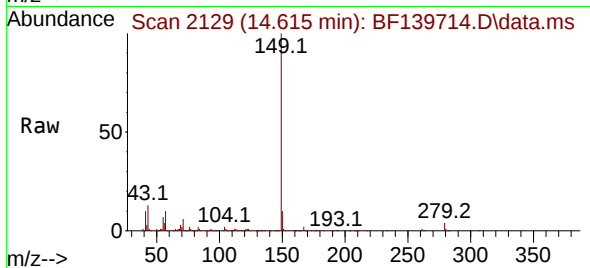
43 12.0 10.2 15.2

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: 15.504 min Scan# 2280

Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

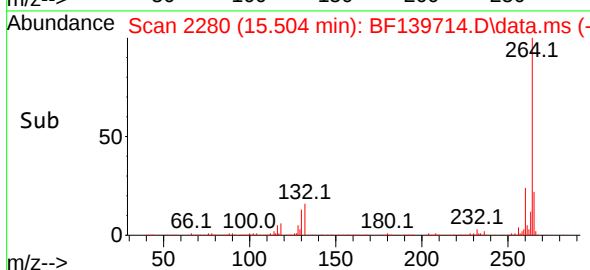
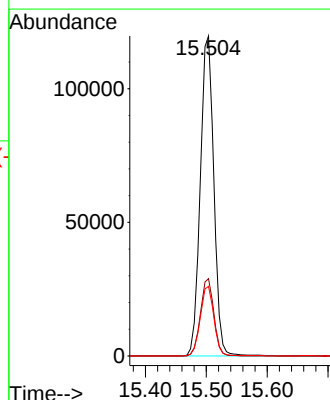
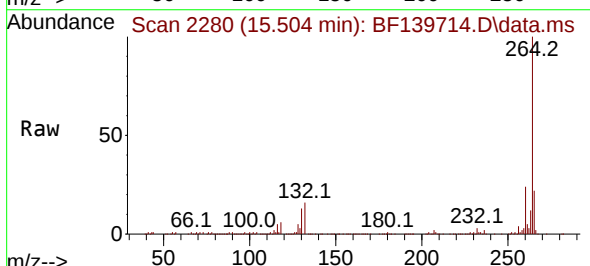
Tgt Ion:264 Resp: 184986

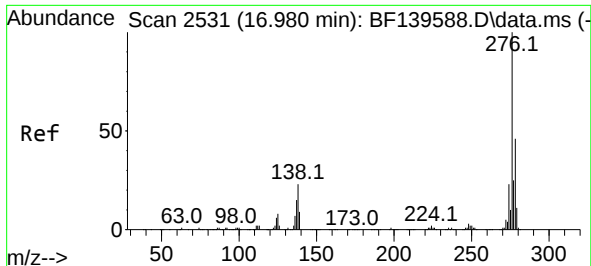
Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.7 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 54.033 ng
RT: 16.986 min Scan# 2531
Delta R.T. 0.006 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

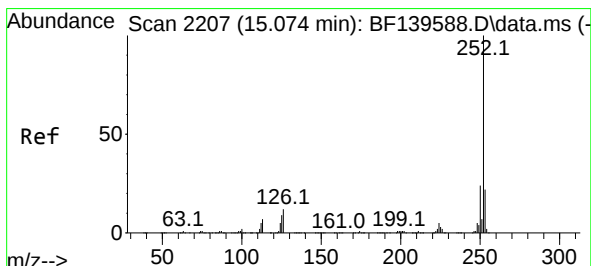
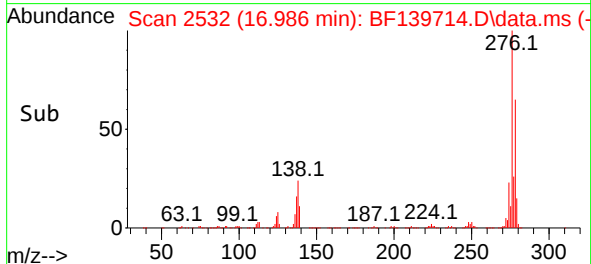
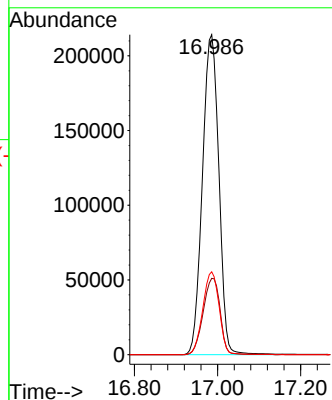
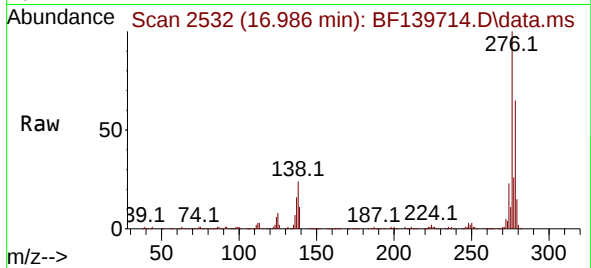
PB163970BS

Tgt Ion:276 Resp: 588300
Ion Ratio Lower Upper
276 100
138 24.5 19.4 29.0
277 25.9 20.2 30.2

Manual Integrations

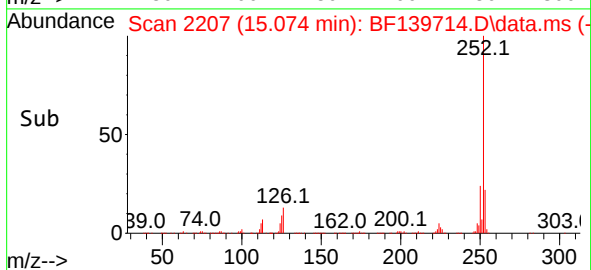
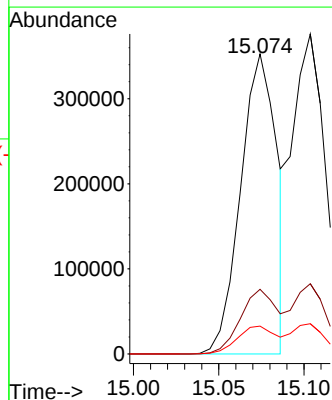
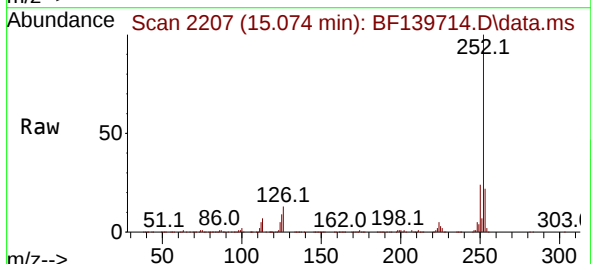
APPROVED

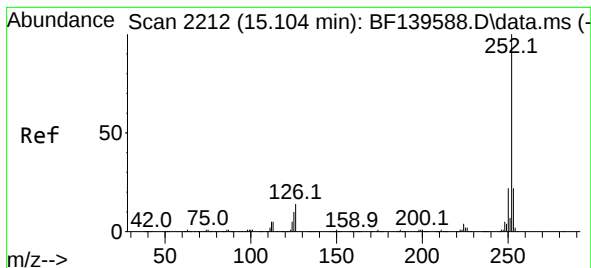
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#88
Benzo(b)fluoranthene
Concen: 43.571 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Tgt Ion:252 Resp: 521145
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 9.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 50.589 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163970BS

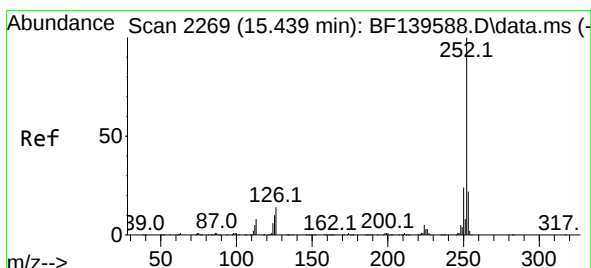
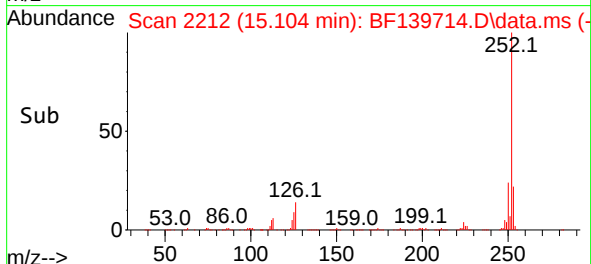
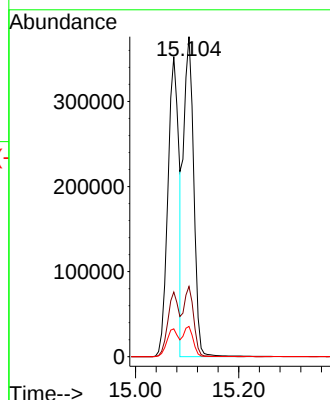
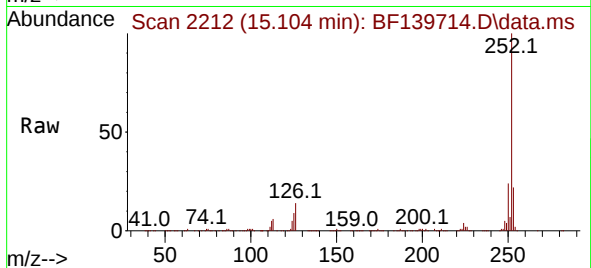
Tgt Ion:252 Resp: 513275
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 9.5 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#90

Benzo(a)pyrene

Concen: 51.602 ng

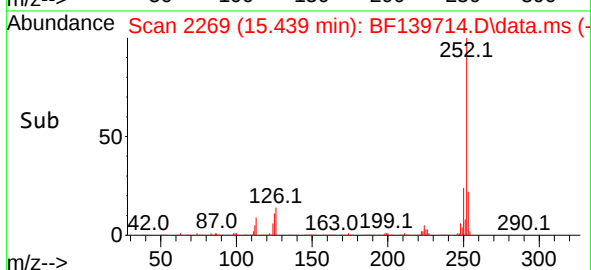
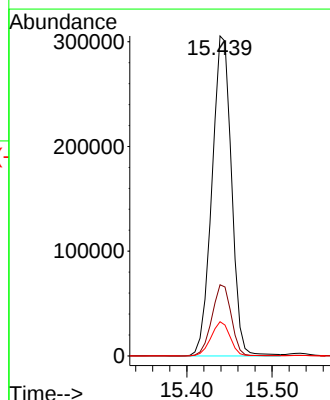
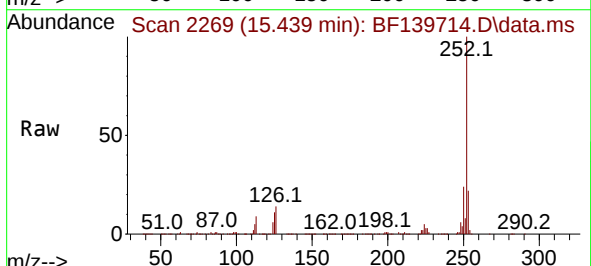
RT: 15.439 min Scan# 2269

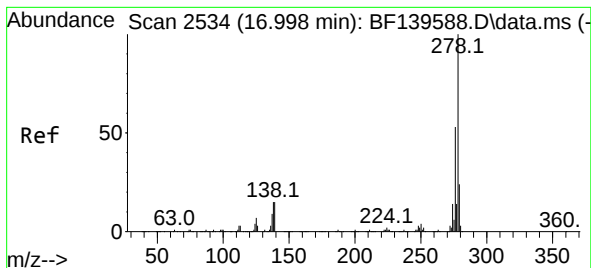
Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Tgt Ion:252 Resp: 486662
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.3 25.9
 125 10.7 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 53.746 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Instrument :

BNA_F

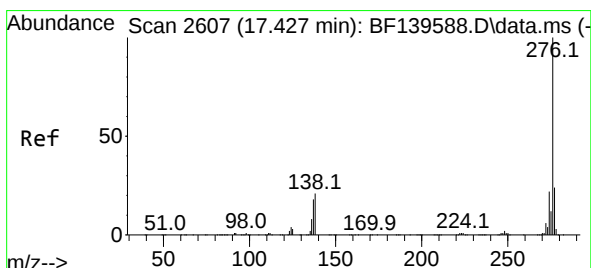
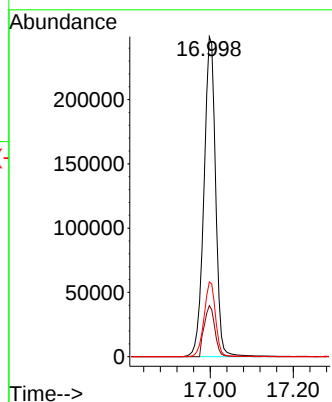
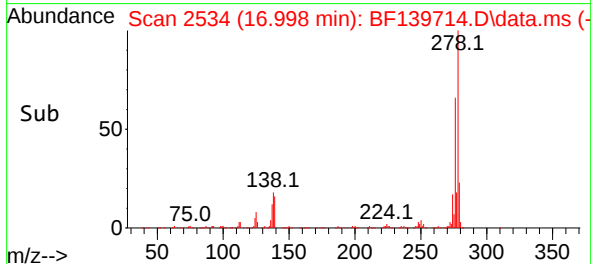
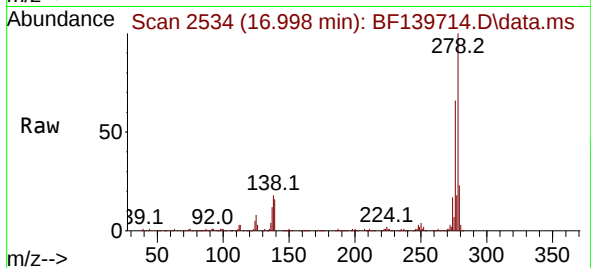
ClientSampleId :

PB163970BS

Tgt Ion:278 Resp: 485358
Ion Ratio Lower Upper
278 100
139 15.9 12.2 18.4
279 23.3 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: 50.043 ng
RT: 17.433 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF139714.D
Acq: 09 Oct 2024 11:11

Tgt Ion:276 Resp: 453223
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 20.8 17.0 25.6

