

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
 Data File : BF137950.D
 Acq On : 20 May 2024 09:56
 Operator : CG\JU
 Sample : PB160983BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB160983BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/21/2024
 Supervised By :mohammad ahmed 05/22/2024

Quant Time: May 20 11:29:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	134906	20.000	ng	0.00
21) Naphthalene-d8	8.328	136	508614	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	258039	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	382365	20.000	ng	0.00
76) Chrysene-d12	14.227	240	226737	20.000	ng	0.00
86) Perylene-d12	15.786	264	261502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	978657	123.226	ng	0.01
7) Phenol-d6	6.663	99	1163904	118.969	ng	0.00
23) Nitrobenzene-d5	7.604	82	717087	82.972	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	326906	125.646	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1488854	88.878	ng	0.00
79) Terphenyl-d14	13.163	244	1248485	81.152	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	129090	37.520	ng	99
3) Pyridine	3.781	79	308443	39.955	ng	99
4) n-Nitrosodimethylamine	3.740	42	152305	44.722	ng	94
6) Aniline	6.704	93	284012m	32.457	ng	
8) 2-Chlorophenol	6.828	128	386731	44.996	ng	99
9) Benzaldehyde	6.598	77	322452	60.920	ng	99
10) Phenol	6.675	94	427528	43.295	ng	97
11) bis(2-Chloroethyl)ether	6.775	93	343449	45.298	ng	97
12) 1,3-Dichlorobenzene	6.986	146	422736	42.511	ng	99
13) 1,4-Dichlorobenzene	7.063	146	426221	42.701	ng	99
14) 1,2-Dichlorobenzene	7.210	146	413823	44.050	ng	99
15) Benzyl Alcohol	7.175	79	303826	46.508	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.304	45	431750	46.325	ng	98
17) 2-Methylphenol	7.281	107	296060	43.193	ng	99
18) Hexachloroethane	7.557	117	147296	43.608	ng	95
19) n-Nitroso-di-n-propyla...	7.445	70	243868	44.368	ng	99
20) 3+4-Methylphenols	7.434	107	378270	42.126	ng	95
22) Acetophenone	7.451	105	515546	45.248	ng	99
24) Nitrobenzene	7.622	77	371057	42.322	ng	96
25) Isophorone	7.857	82	668651	44.578	ng	99
26) 2-Nitrophenol	7.939	139	203885	46.281	ng	99
27) 2,4-Dimethylphenol	7.963	122	272085	47.971	ng	97
28) bis(2-Chloroethoxy)met...	8.063	93	405526	44.608	ng	100
29) 2,4-Dichlorophenol	8.175	162	314064	44.034	ng	99
30) 1,2,4-Trichlorobenzene	8.263	180	347068	43.583	ng	98
31) Naphthalene	8.351	128	1115633	43.625	ng	99
32) Benzoic acid	8.075	122	209619	43.720	ng	95
33) 4-Chloroaniline	8.386	127	131579	15.695	ng	97
34) Hexachlorobutadiene	8.457	225	215732	42.800	ng	98
35) Caprolactam	8.757	113	85571m	41.412	ng	
36) 4-Chloro-3-methylphenol	8.863	107	304677	41.993	ng	100
37) 2-Methylnaphthalene	9.039	142	717041	43.620	ng	98
38) 1-Methylnaphthalene	9.139	142	658049	40.719	ng	99
40) 1,2,4,5-Tetrachloroben...	9.204	216	340784	48.578	ng	99
41) Hexachlorocyclopentadiene	9.192	237	371835	139.496	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	217979	47.391	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

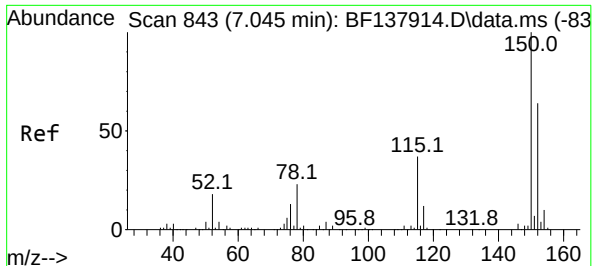
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	229946	45.690	ng	98
46) 1,1'-Biphenyl	9.504	154	861267	47.588	ng	99
47) 2-Chloronaphthalene	9.533	162	668720	46.286	ng	100
48) 2-Nitroaniline	9.622	65	164384	44.433	ng	96
49) Acenaphthylene	9.951	152	1009108	48.577	ng	99
50) Dimethylphthalate	9.798	163	724364	44.766	ng	99
51) 2,6-Dinitrotoluene	9.863	165	160731	43.280	ng	92
52) Acenaphthene	10.122	154	668972	48.723	ng	99
53) 3-Nitroaniline	10.033	138	100764	27.754	ng	95
54) 2,4-Dinitrophenol	10.139	184	157941	78.832	ng	# 80
55) Dibenzofuran	10.292	168	906045	45.343	ng	99
56) 4-Nitrophenol	10.180	139	233355	89.490	ng	99
57) 2,4-Dinitrotoluene	10.269	165	205605	42.825	ng	98
58) Fluorene	10.633	166	689025	43.595	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	175657	44.429	ng	99
60) Diethylphthalate	10.498	149	655595	43.382	ng	100
61) 4-Chlorophenyl-phenyle...	10.622	204	348164	44.669	ng	99
62) 4-Nitroaniline	10.651	138	133459	38.756	ng	98
63) Azobenzene	10.786	77	618380	44.986	ng	99
65) 4,6-Dinitro-2-methylph...	10.674	198	109358	49.533	ng	95
66) n-Nitrosodiphenylamine	10.739	169	578338	49.321	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	207732	49.557	ng	98
68) Hexachlorobenzene	11.186	284	221398	47.781	ng	99
69) Atrazine	11.263	200	175715	54.877	ng	99
70) Pentachlorophenol	11.374	266	250976	92.468	ng	98
71) Phenanthrene	11.604	178	887021	47.075	ng	100
72) Anthracene	11.657	178	887397	47.466	ng	100
73) Carbazole	11.810	167	765156	44.803	ng	99
74) Di-n-butylphthalate	12.127	149	880893	46.478	ng	99
75) Fluoranthene	12.798	202	827913	43.288	ng	99
77) Benzidine	12.910	184	82868	27.966	ng	98
78) Pyrene	13.027	202	842961	42.506	ng	100
80) Butylbenzylphthalate	13.633	149	284152	47.504	ng	99
81) Benzo(a)anthracene	14.215	228	695547	48.488	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	152519	38.366	ng	98
83) Chrysene	14.257	228	654990	47.743	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	397299	52.837	ng	99
85) Di-n-octyl phthalate	14.815	149	657292	64.705	ng	99
87) Indeno(1,2,3-cd)pyrene	17.421	276	944202	56.200	ng	100
88) Benzo(b)fluoranthene	15.315	252	689223	45.520	ng	99
89) Benzo(k)fluoranthene	15.351	252	696517	46.826	ng	99
90) Benzo(a)pyrene	15.721	252	658415	50.925	ng	# 97
91) Dibenzo(a,h)anthracene	17.439	278	773233	55.704	ng	98
92) Benzo(g,h,i)perylene	17.915	276	763116	52.333	ng	99

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

Manual Integrations APPROVED

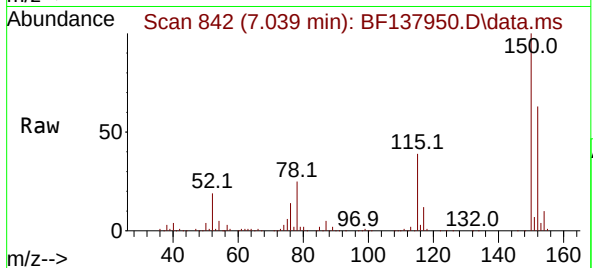
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

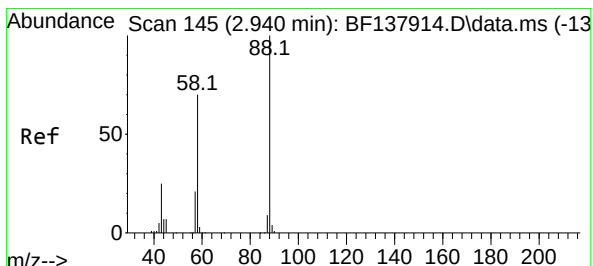
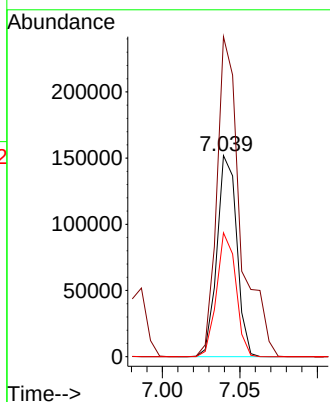
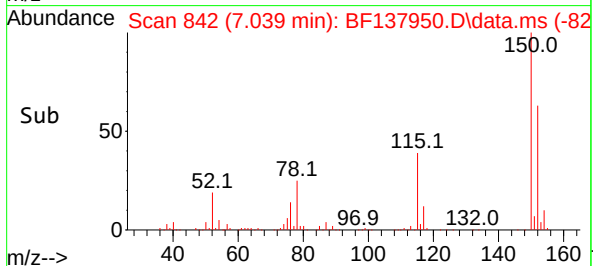
Instrument :
BNA_F
ClientSampleId :
PB160983BS



Tgt Ion:152 Resp: 134900
Ion Ratio Lower Upper
152 100
150 159.2 125.7 188.5
115 61.6 47.0 70.6

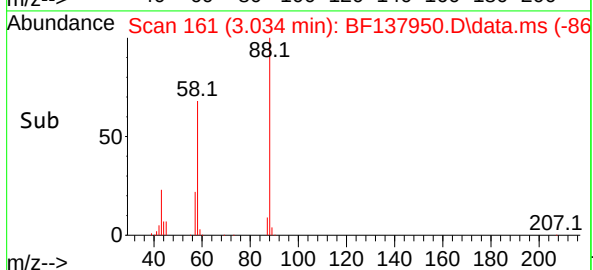
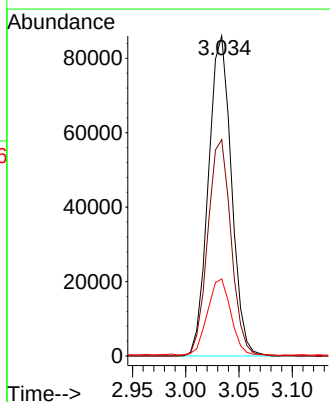
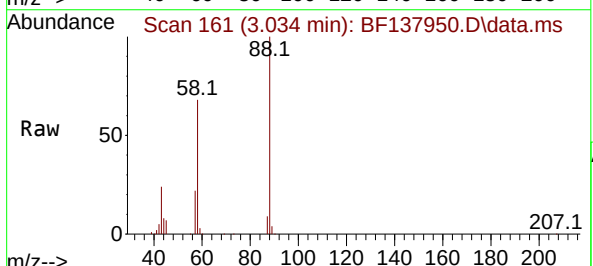
Manual Integrations
APPROVED

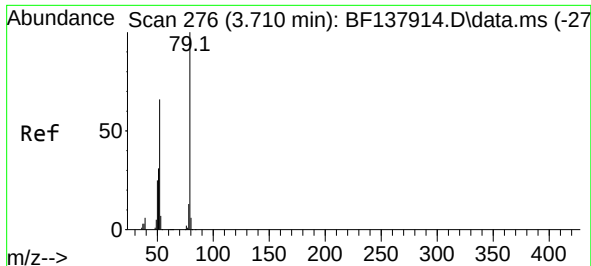
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#2
1,4-Dioxane
Concen: 37.520 ng
RT: 3.034 min Scan# 161
Delta R.T. 0.094 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

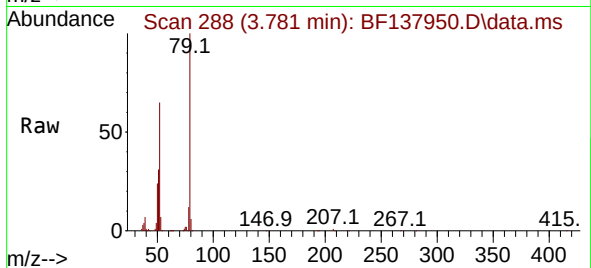
Tgt Ion: 88 Resp: 129090
Ion Ratio Lower Upper
88 100
58 68.4 54.4 81.6
43 24.3 19.6 29.4





#3
Pyridine
Concen: 39.955 ng
RT: 3.781 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

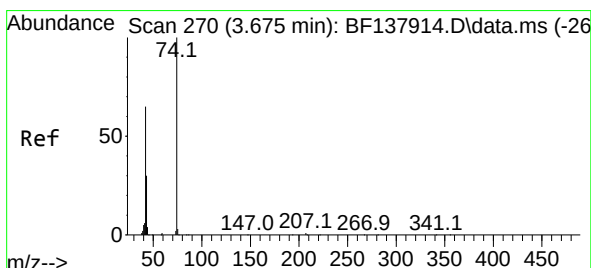
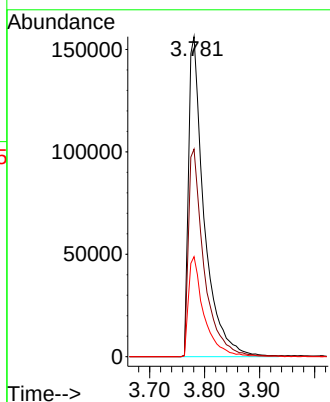
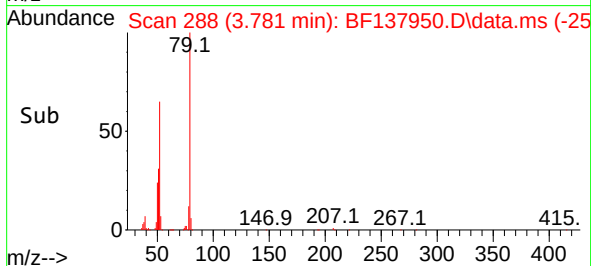
Instrument :
BNA_F
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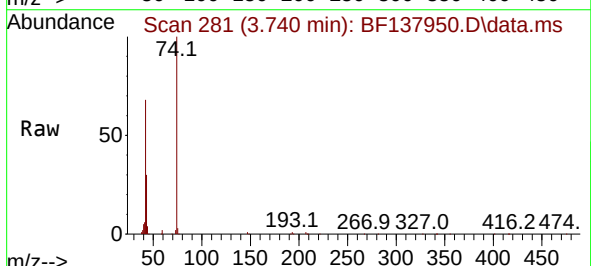
Tgt Ion: 79 Resp: 30844
Ion Ratio Lower Upper
79 100
52 64.8 52.5 78.7
51 31.2 25.1 37.7

Manual Integrations
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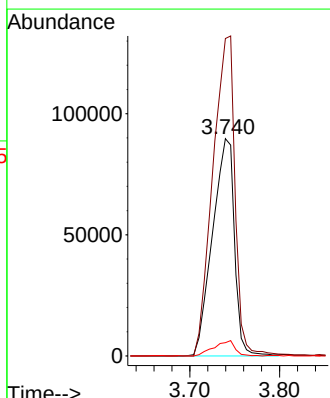
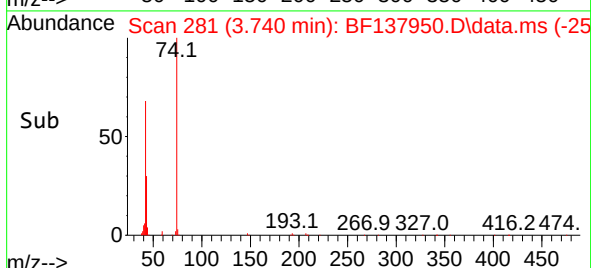
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024

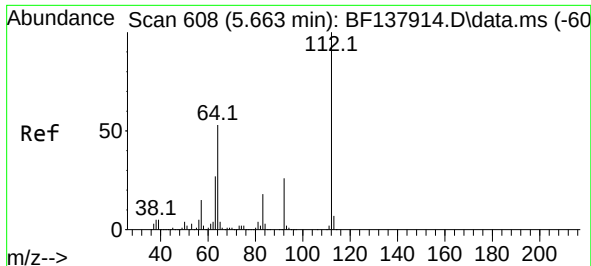


#4
n-Nitrosodimethylamine
Concen: 44.722 ng
RT: 3.740 min Scan# 281
Delta R.T. 0.065 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56



Tgt Ion: 42 Resp: 152305
Ion Ratio Lower Upper
42 100
74 146.1 123.1 184.7
44 6.1 5.0 7.6





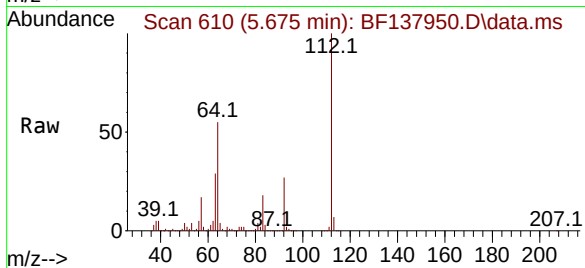
#5
2-Fluorophenol
Concen: 123.226 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

PB160983BS

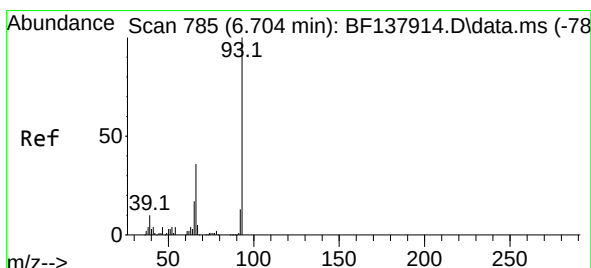
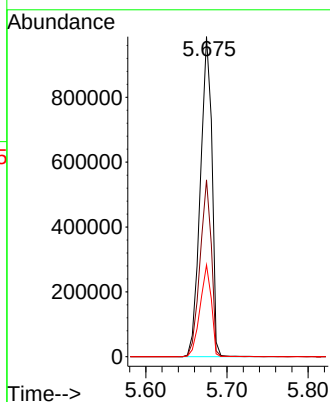
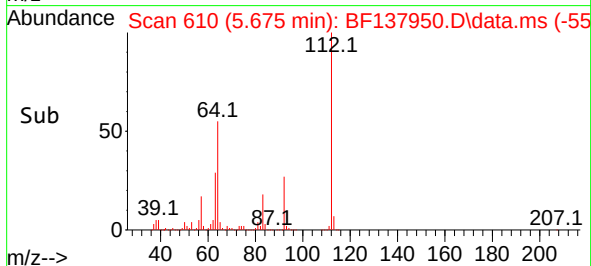


Tgt Ion: 112 Resp: 97865
Ion Ratio Lower Upper
112 100
64 55.3 42.4 63.6
63 28.6 21.4 32.2

Manual Integrations

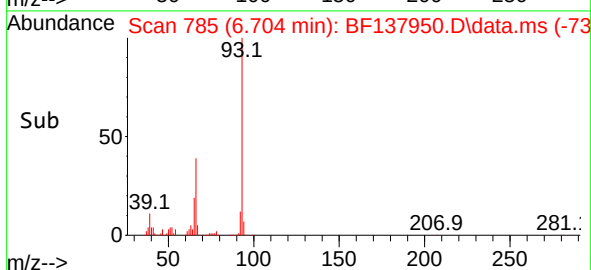
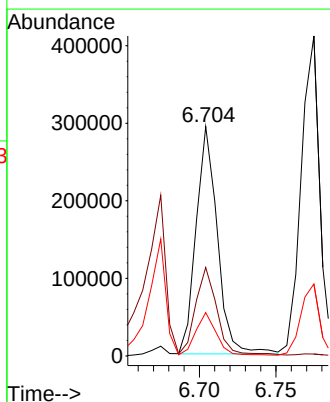
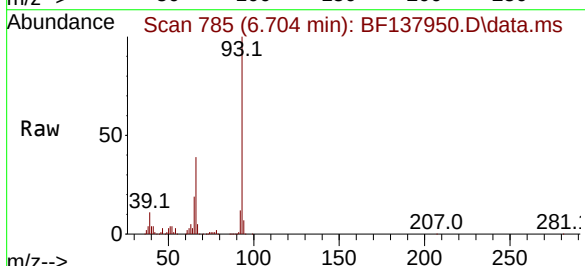
APPROVED

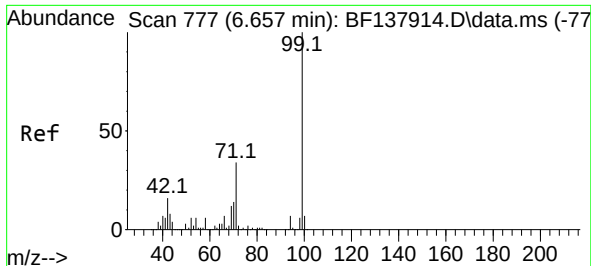
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#6
Aniline
Concen: 32.457 ng m
RT: 6.704 min Scan# 785
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

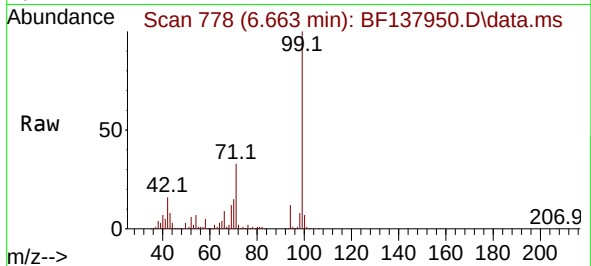
Tgt Ion: 93 Resp: 284012
Ion Ratio Lower Upper
93 100
66 38.6 30.7 46.1
65 18.9 15.0 22.4





#7
Phenol-d6
Concen: 118.969 ng
RT: 6.663 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

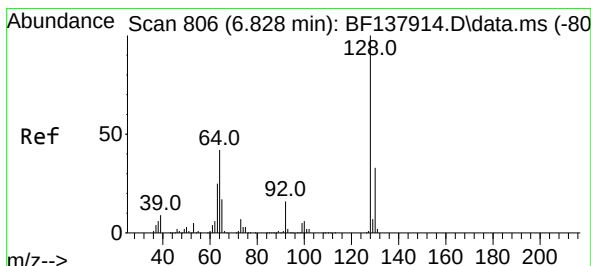
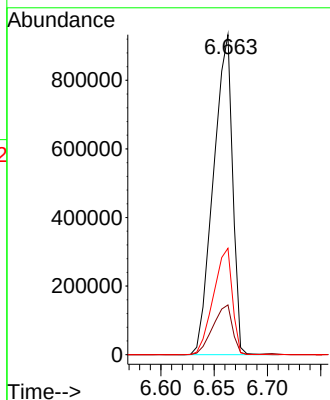
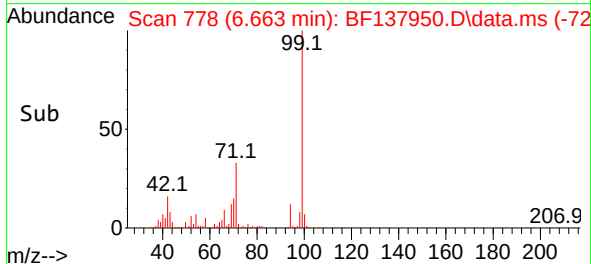
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 1163904
Ion Ratio Lower Upper
99 100
42 15.6 12.6 18.8
71 33.2 27.1 40.7

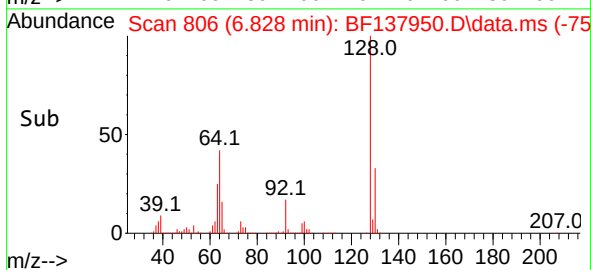
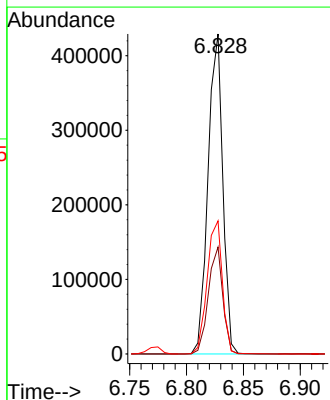
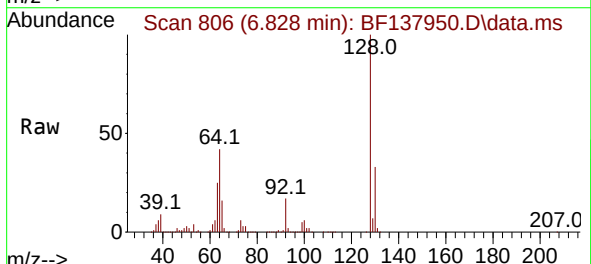
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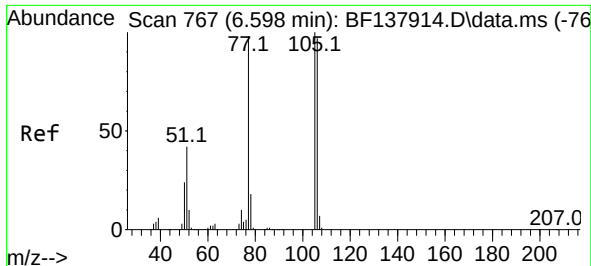
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#8
2-Chlorophenol
Concen: 44.996 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

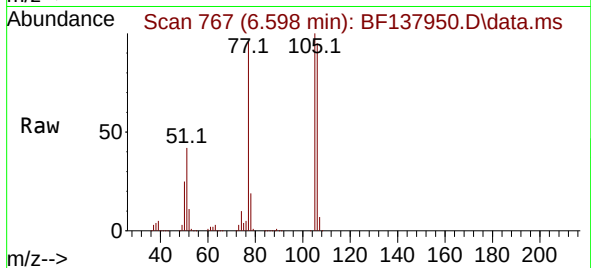
Tgt Ion:128 Resp: 386731
Ion Ratio Lower Upper
128 100
130 33.4 12.8 52.8
64 41.6 22.2 62.2





#9
Benzaldehyde
Concen: 60.920 ng
RT: 6.598 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

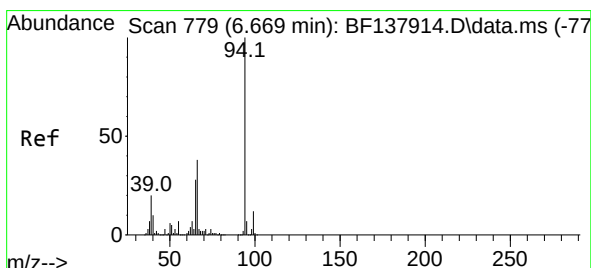
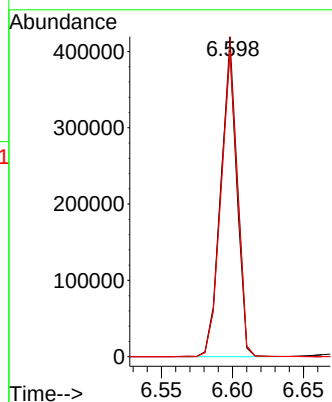
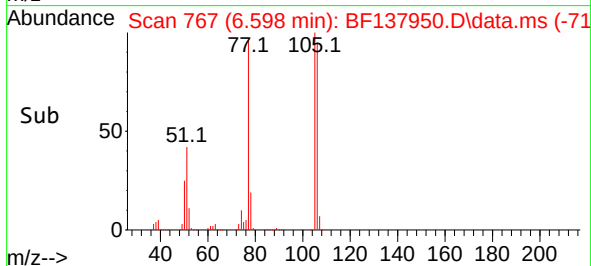
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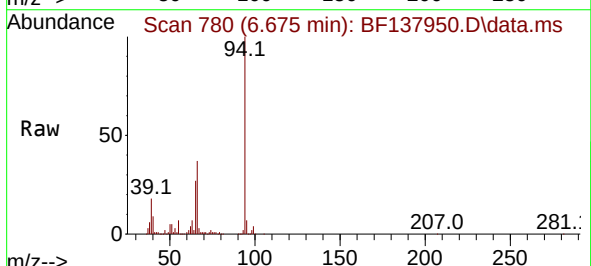
Tgt Ion: 77 Resp: 322452
Ion Ratio Lower Upper
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105 104.4 82.3 122.3
106 99.5 79.2 119.2

Manual Integrations
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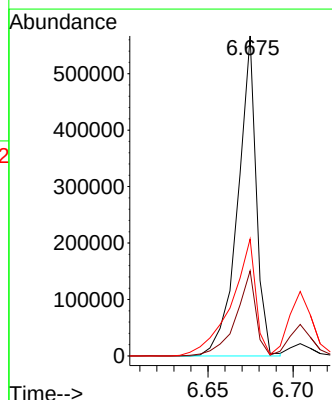
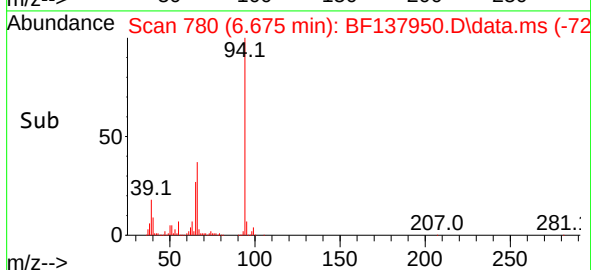
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024

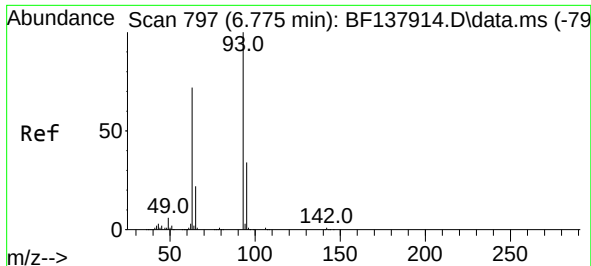


#10
Phenol
Concen: 43.295 ng
RT: 6.675 min Scan# 780
Delta R.T. 0.006 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56



Tgt Ion: 94 Resp: 427528
Ion Ratio Lower Upper
94 100
65 26.6 7.8 47.8
66 36.6 18.6 58.6





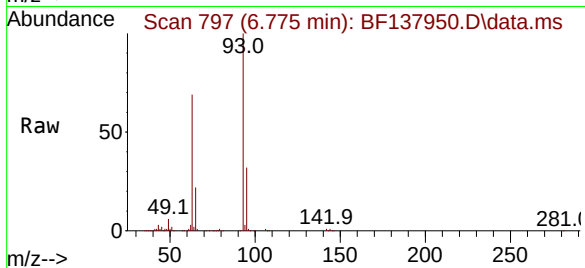
#11
bis(2-Chloroethyl)ether
Concen: 45.298 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

PB160983BS

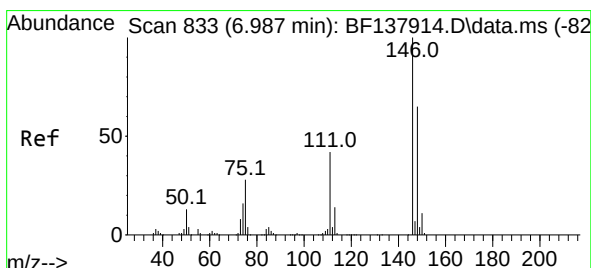
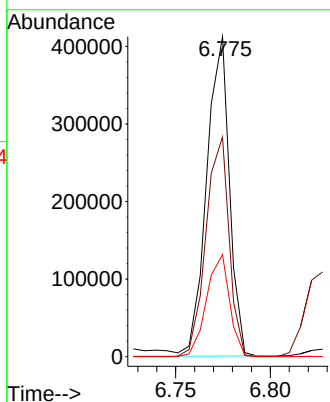
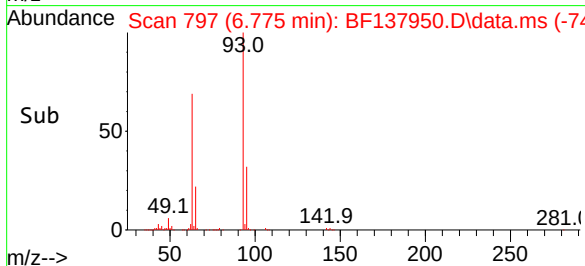


Tgt Ion: 93 Resp: 343449
Ion Ratio Lower Upper
93 100
63 68.6 51.4 91.4
95 31.9 13.5 53.5

Manual Integrations

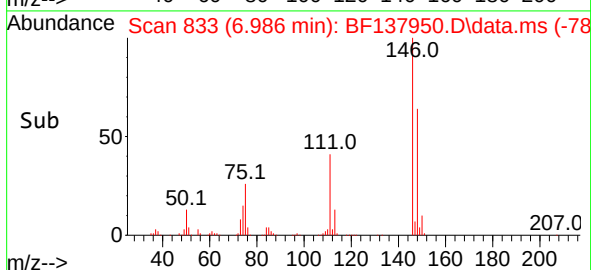
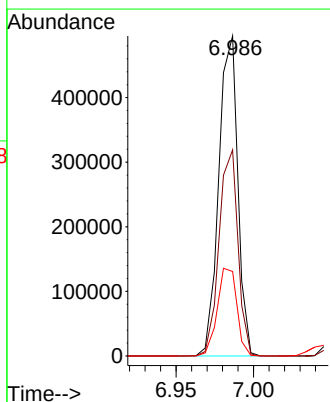
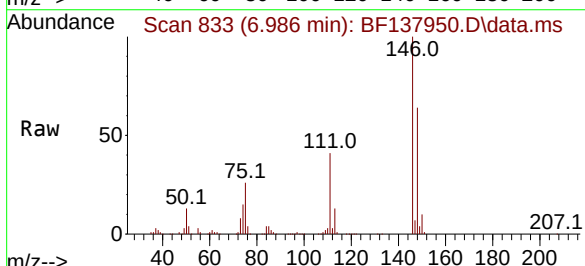
APPROVED

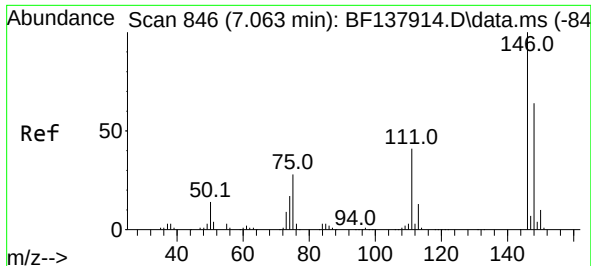
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#12
1,3-Dichlorobenzene
Concen: 42.511 ng
RT: 6.986 min Scan# 833
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

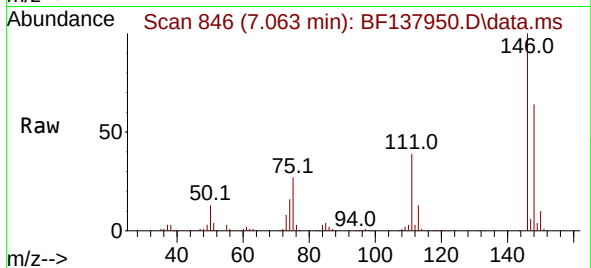
Tgt Ion:146 Resp: 422736
Ion Ratio Lower Upper
146 100
148 64.4 51.7 77.5
75 26.4 22.4 33.6





#13
1,4-Dichlorobenzene
Concen: 42.701 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

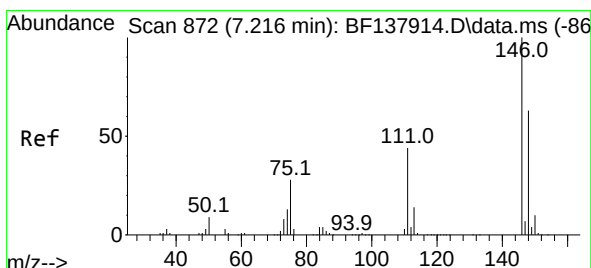
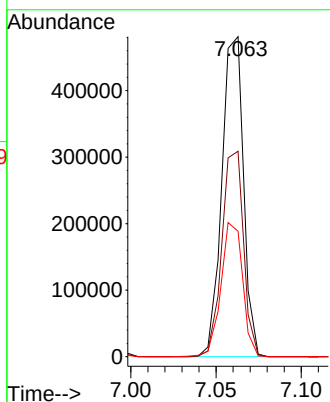
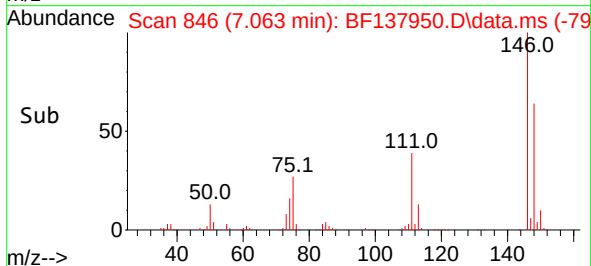
Instrument :
BNA_F
ClientSampleId :
PB160983BS



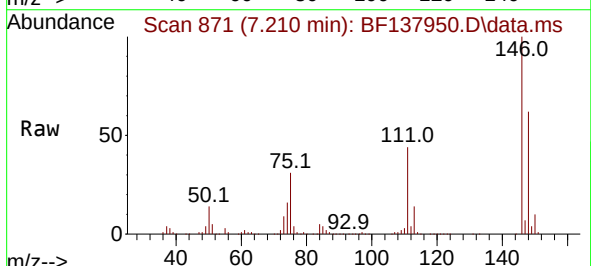
Tgt Ion:146 Resp: 426223
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 39.2 32.5 48.7

Manual Integrations
APPROVED

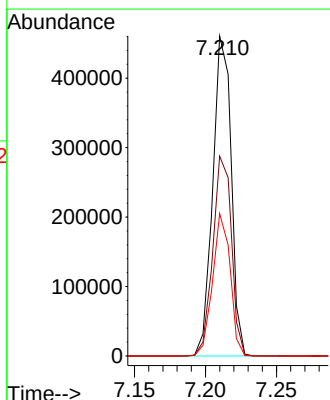
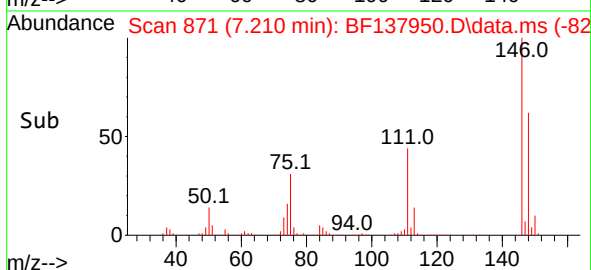
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024

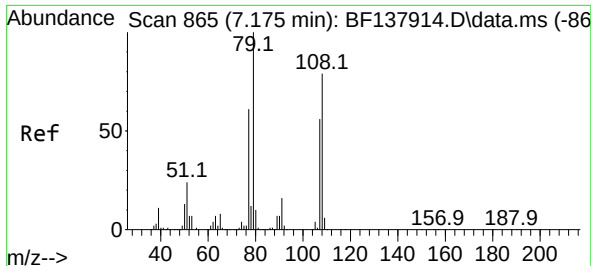


#14
1,2-Dichlorobenzene
Concen: 44.050 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56



Tgt Ion:146 Resp: 413823
Ion Ratio Lower Upper
146 100
148 62.4 50.2 75.4
111 44.5 35.1 52.7





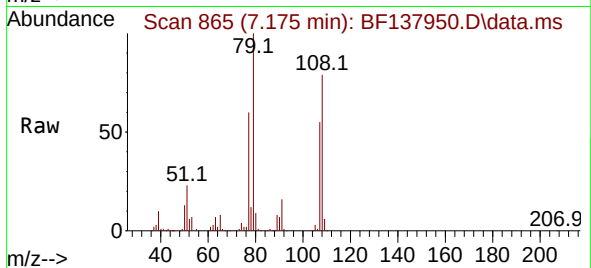
#15
Benzyl Alcohol
Concen: 46.508 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

PB160983BS

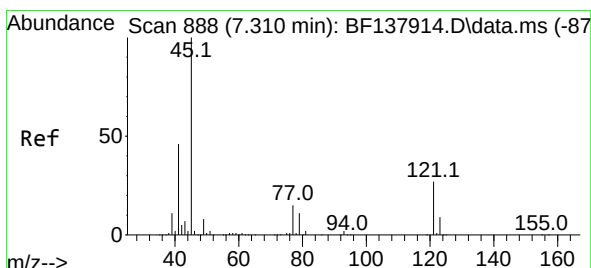
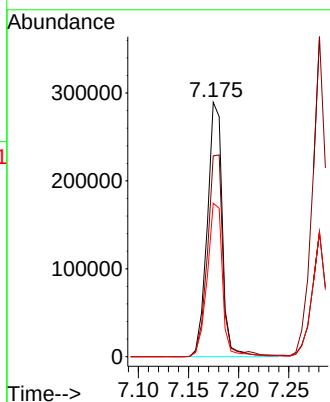
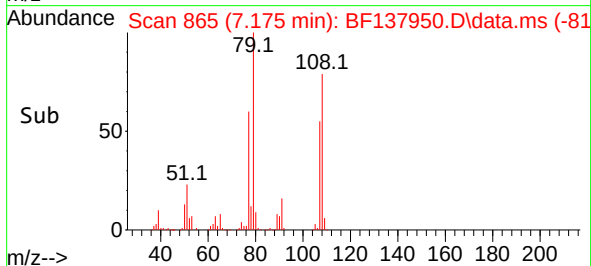


Tgt Ion: 79 Resp: 303820
Ion Ratio Lower Upper
79 100
108 79.0 62.8 94.2
77 60.3 48.7 73.1

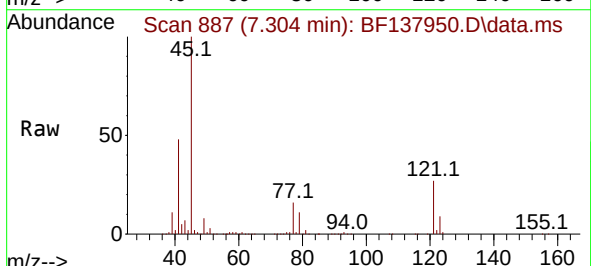
Manual Integrations

APPROVED

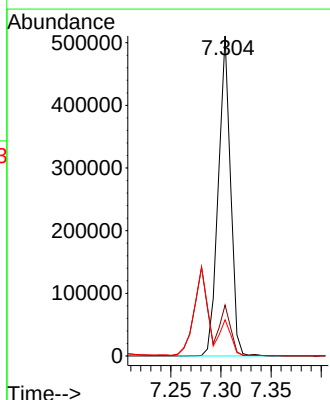
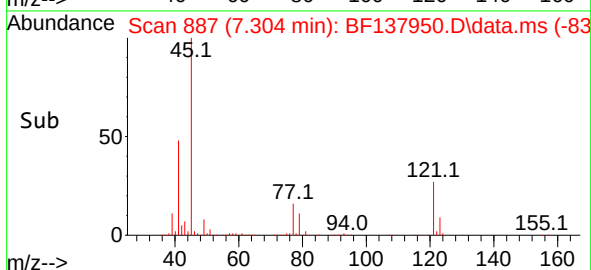
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024

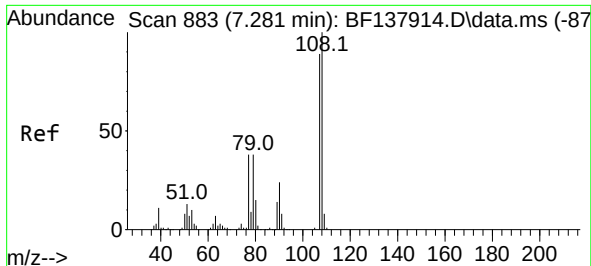


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.325 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56



Tgt Ion: 45 Resp: 431750
Ion Ratio Lower Upper
45 100
77 15.9 0.0 35.3
79 11.3 0.0 32.1





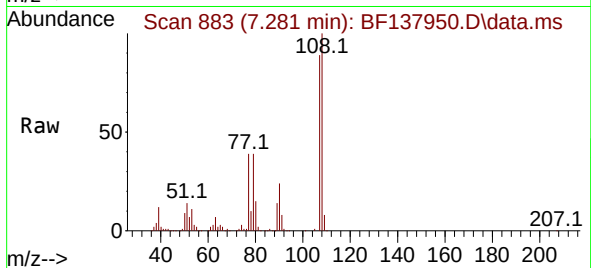
#17
2-Methylphenol
Concen: 43.193 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

PB160983BS

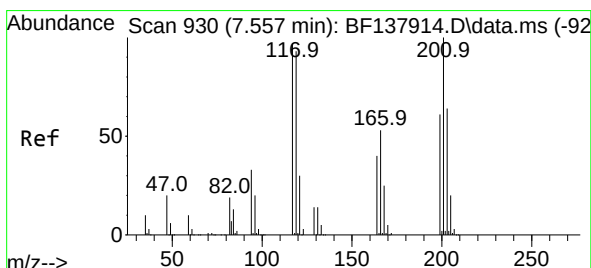
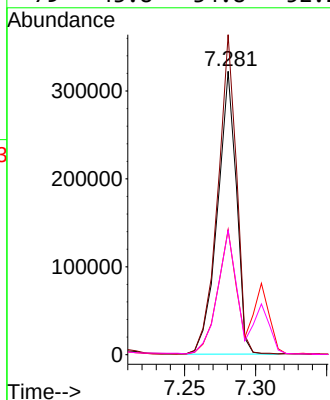
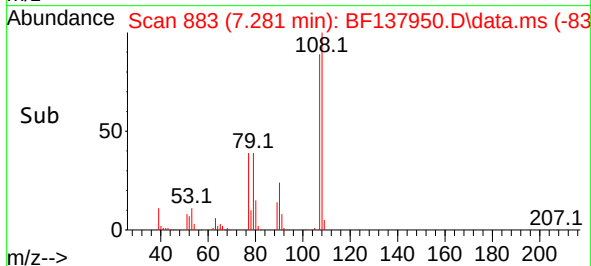


Tgt Ion:107 Resp: 296060
Ion Ratio Lower Upper
107 100
108 112.9 90.1 135.1
77 44.1 34.3 51.5
79 43.8 34.8 52.2

Manual Integrations

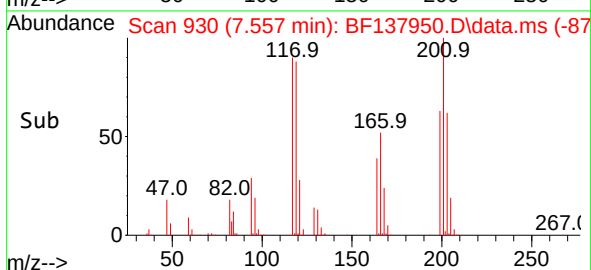
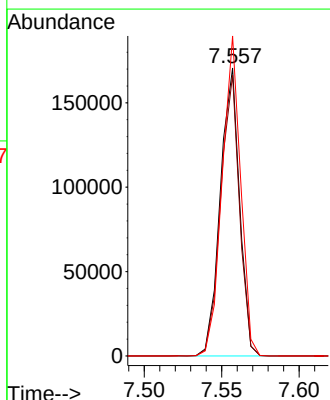
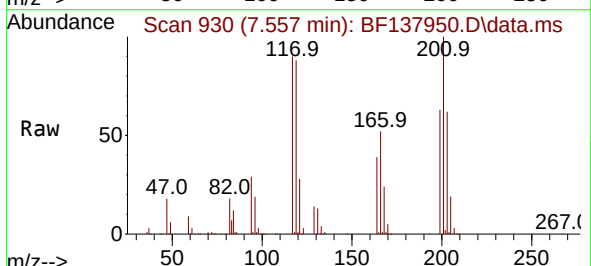
APPROVED

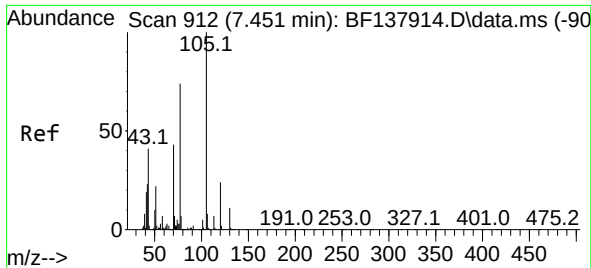
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#18
Hexachloroethane
Concen: 43.608 ng
RT: 7.557 min Scan# 930
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

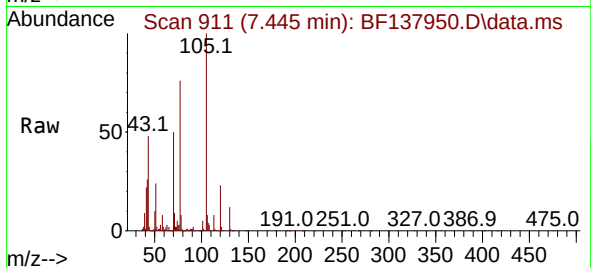
Tgt Ion:117 Resp: 147296
Ion Ratio Lower Upper
117 100
119 97.5 76.8 115.2
201 111.1 82.7 124.1





#19
n-Nitroso-di-n-propylamine
Concen: 44.368 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

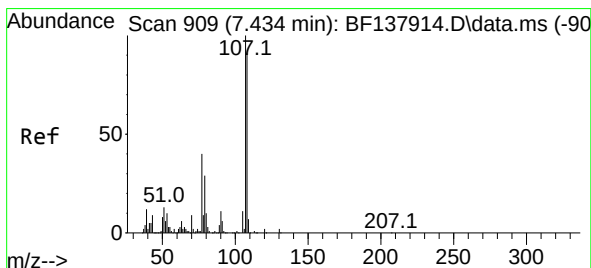
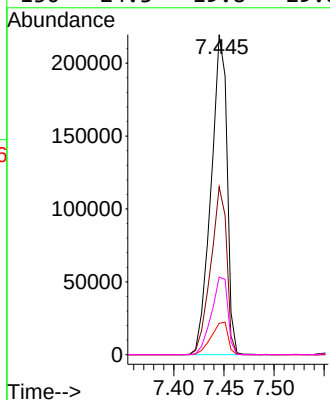
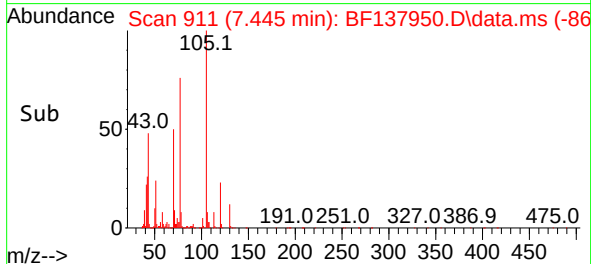
Instrument :
BNA_F
ClientSampleId :
PB160983BS



Tgt Ion: 70 Resp: 24386
Ion Ratio Lower Upper
70 100
42 52.5 42.2 63.4
101 9.8 8.8 13.2
130 24.3 19.8 29.8

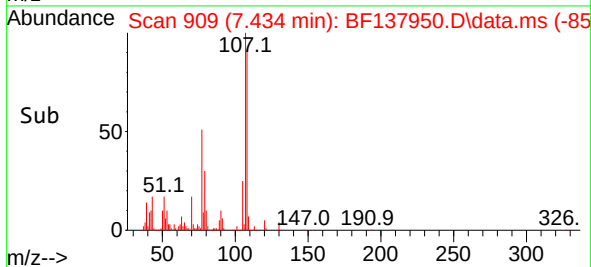
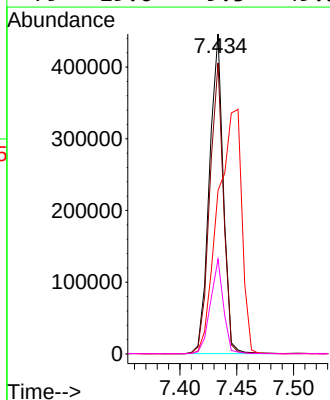
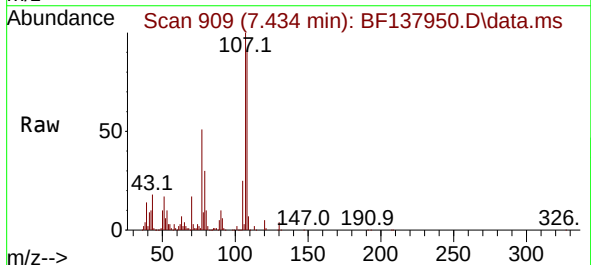
Manual Integrations
APPROVED

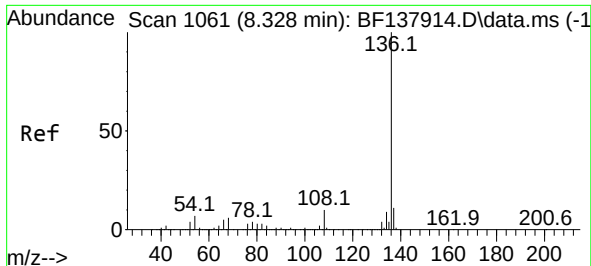
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#20
3+4-Methylphenols
Concen: 42.126 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Tgt Ion:107 Resp: 378270
Ion Ratio Lower Upper
107 100
108 91.0 70.8 110.8
77 51.1 20.2 60.2
79 29.6 9.3 49.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.328 min Scan# 1061
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

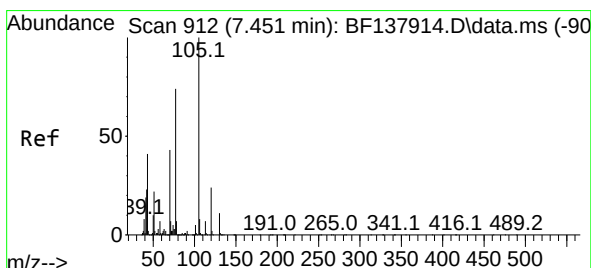
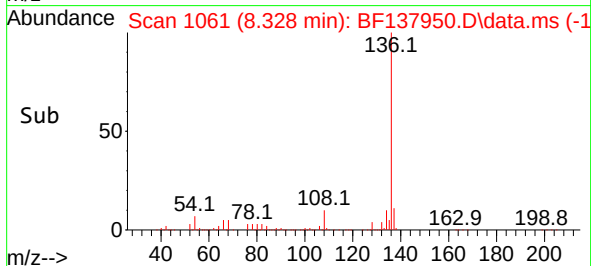
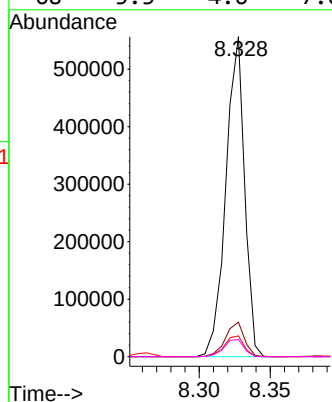
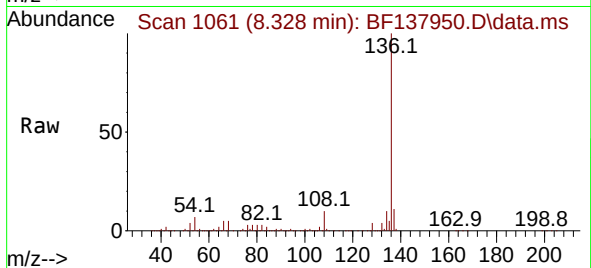
PB160983BS

Tgt Ion:136 Resp: 508614
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.5 5.4 8.2
68 5.3 4.6 7.0

Manual Integrations

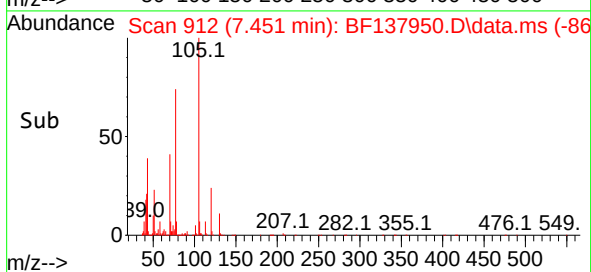
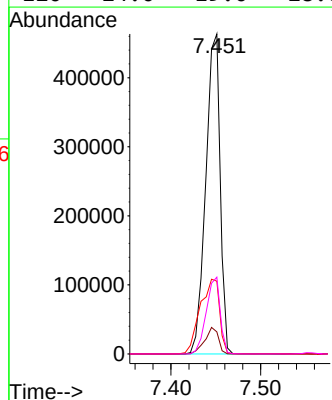
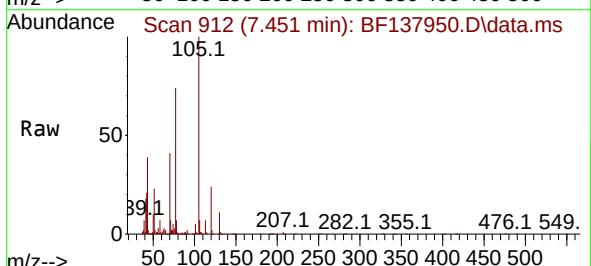
APPROVED

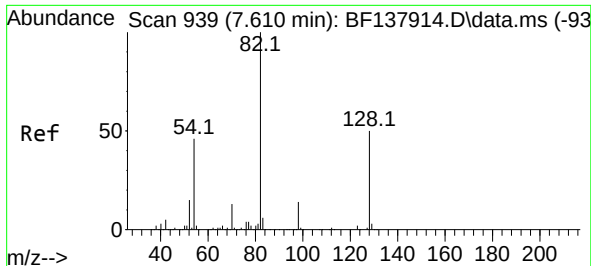
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#22
Acetophenone
Concen: 45.248 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Tgt Ion:105 Resp: 515546
Ion Ratio Lower Upper
105 100
71 6.9 5.7 8.5
51 22.8 17.8 26.8
120 24.0 19.0 28.6





#23
Nitrobenzene-d5
Concen: 82.972 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Instrument :

BNA_F

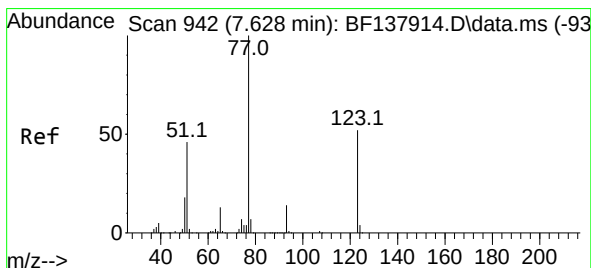
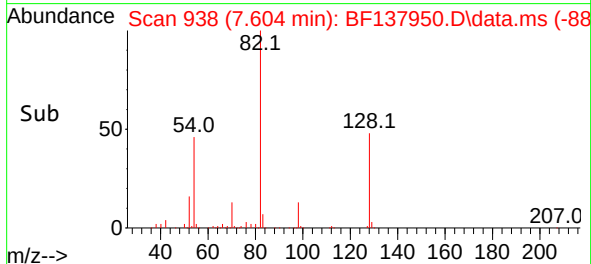
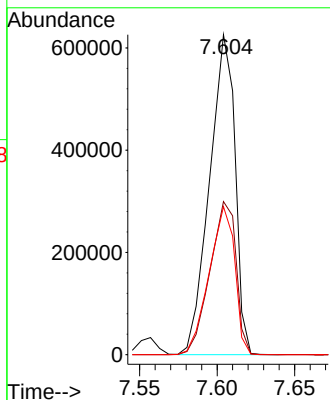
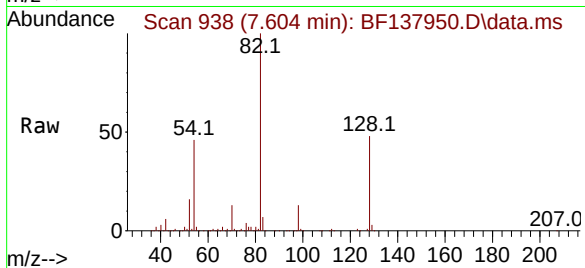
ClientSampleId :

PB160983BS

Tgt Ion: 82 Resp: 71708
Ion Ratio Lower Upper
82 100
128 47.8 40.3 60.5
54 46.3 36.8 55.2

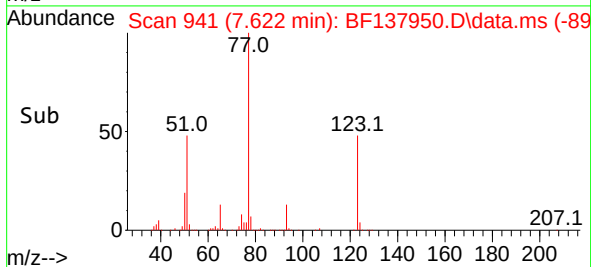
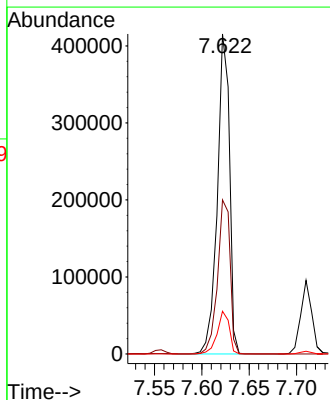
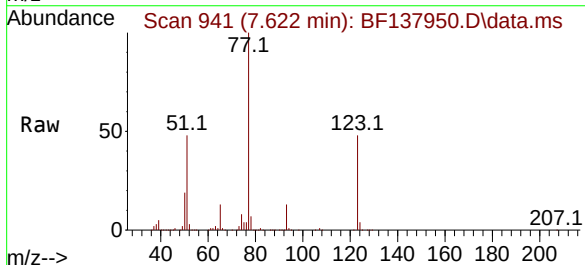
Manual Integrations
APPROVED

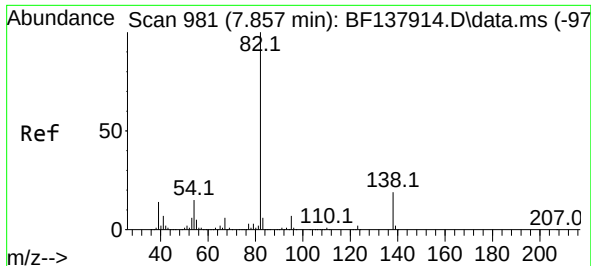
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#24
Nitrobenzene
Concen: 42.322 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Tgt Ion: 77 Resp: 371057
Ion Ratio Lower Upper
77 100
123 48.2 41.4 62.2
65 13.4 10.5 15.7





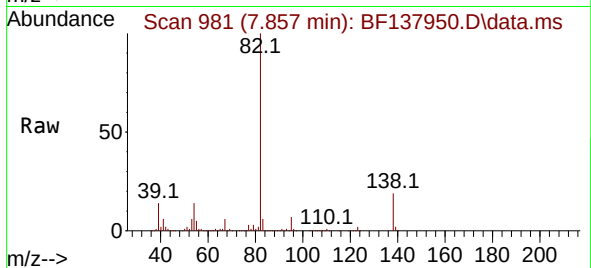
#25
Isophorone
Concen: 44.578 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

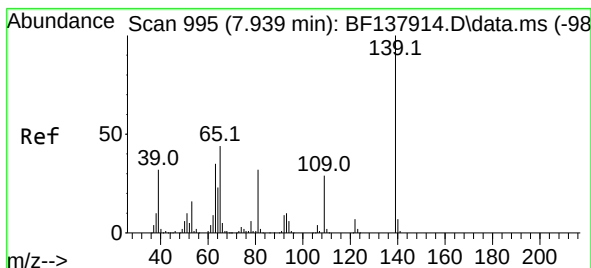
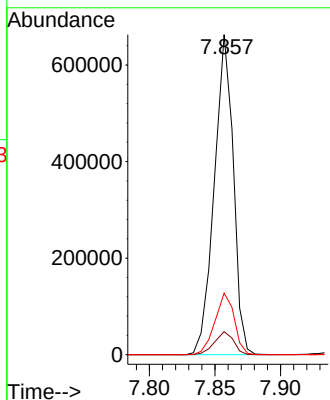
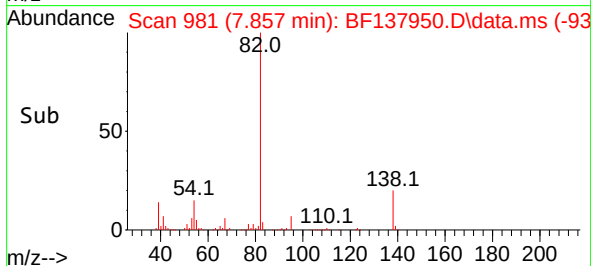
PB160983BS



Tgt Ion: 82 Resp: 66865
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 19.2 15.0 22.4

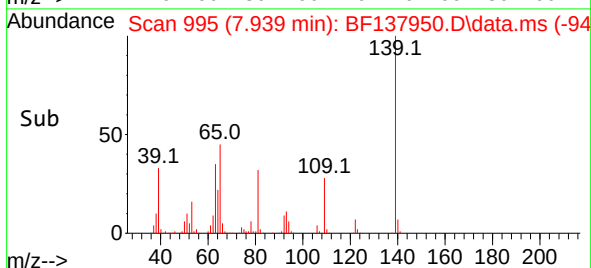
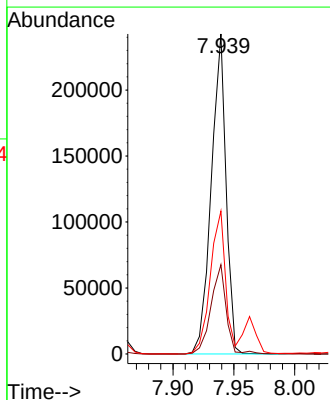
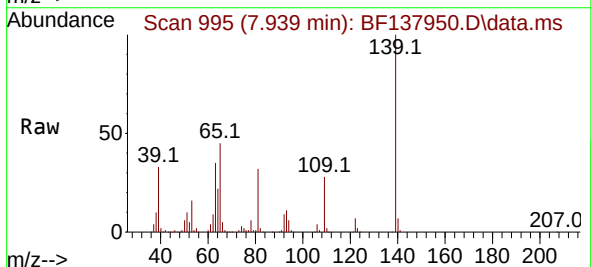
Manual Integrations
APPROVED

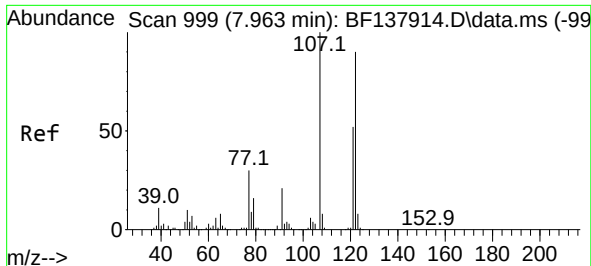
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#26
2-Nitrophenol
Concen: 46.281 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Tgt Ion:139 Resp: 203885
Ion Ratio Lower Upper
139 100
109 27.9 22.8 34.2
65 44.6 35.2 52.8





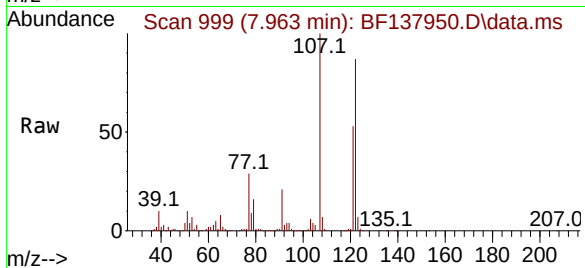
#27
2,4-Dimethylphenol
Concen: 47.971 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

PB160983BS

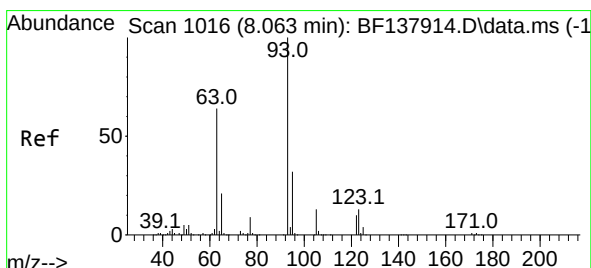
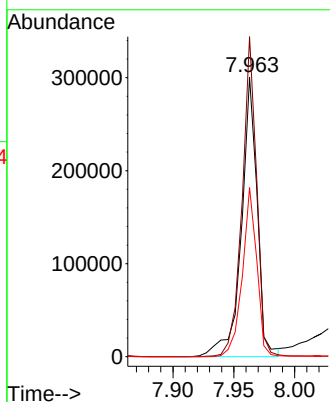
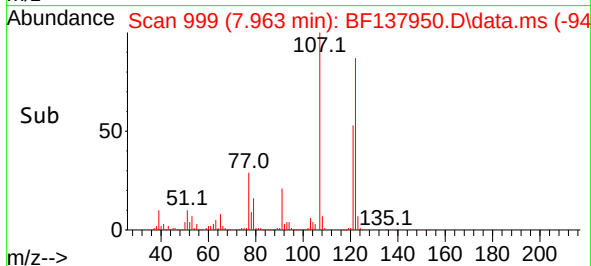


Tgt Ion:122 Resp: 272085
Ion Ratio Lower Upper
122 100
107 114.4 89.0 133.4
121 60.5 46.2 69.4

Manual Integrations

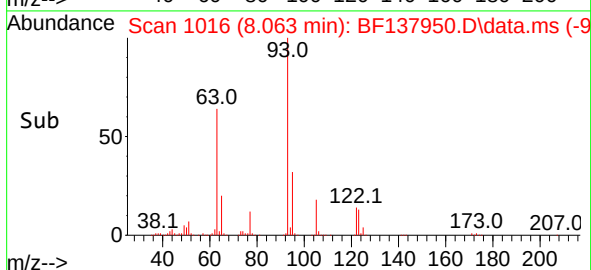
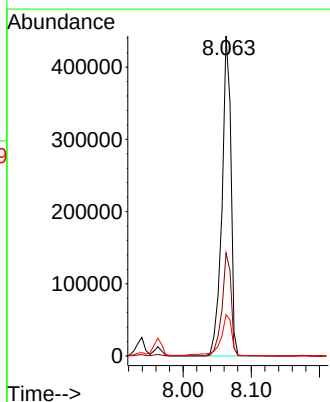
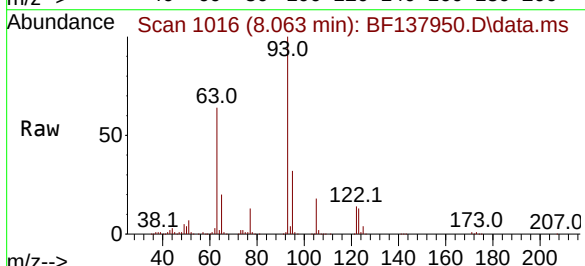
APPROVED

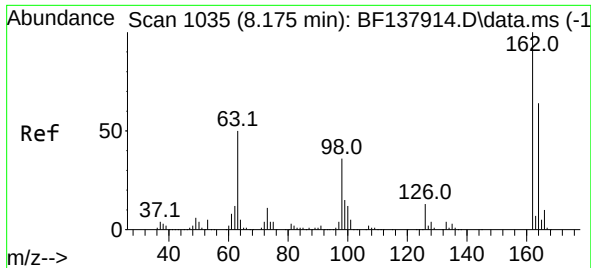
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.608 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Tgt Ion: 93 Resp: 405526
Ion Ratio Lower Upper
93 100
95 32.2 25.9 38.9
123 12.9 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 44.034 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF137950.D

Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

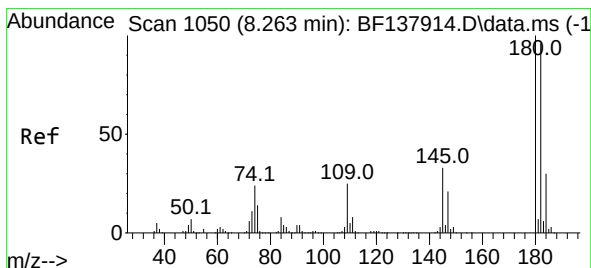
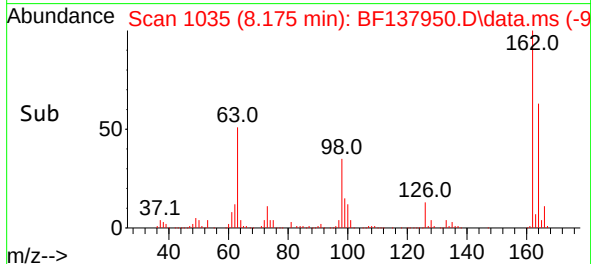
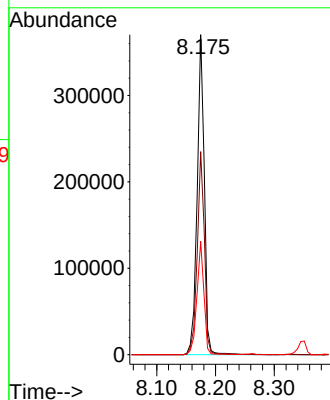
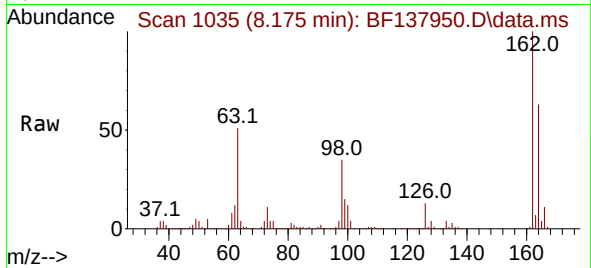
PB160983BS

Tgt Ion:162	Resp: 314064
Ion Ratio	Lower Upper
162 100	
164 63.5	44.3 84.3
98 35.4	15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.583 ng

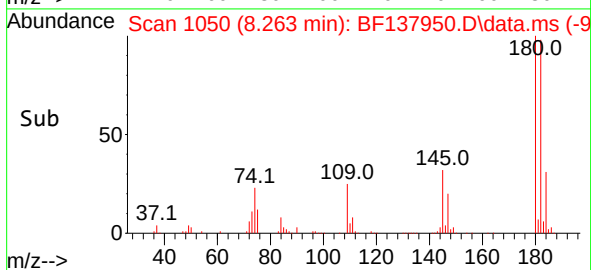
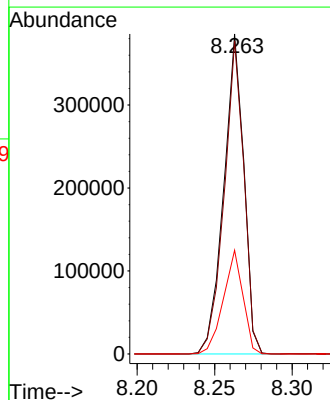
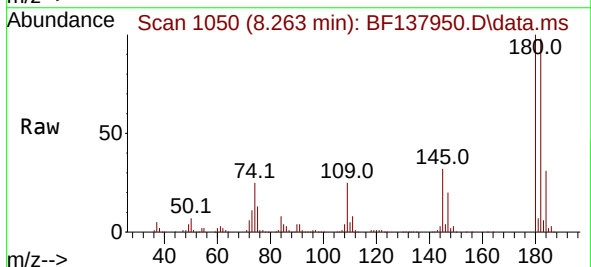
RT: 8.263 min Scan# 1050

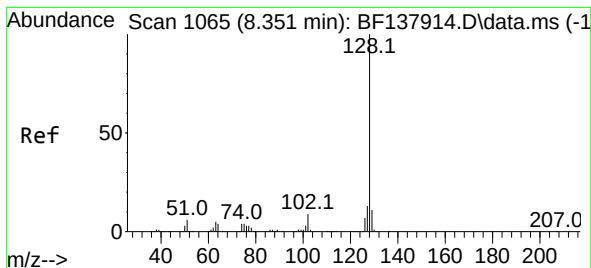
Delta R.T. -0.000 min

Lab File: BF137950.D

Acq: 20 May 2024 09:56

Tgt Ion:180	Resp: 347068
Ion Ratio	Lower Upper
180 100	
182 97.9	76.5 114.7
145 32.4	26.2 39.2





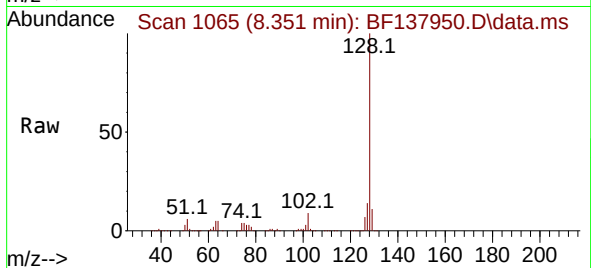
#31
Naphthalene
Concen: 43.625 ng
RT: 8.351 min Scan# 1065
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

PB160983BS

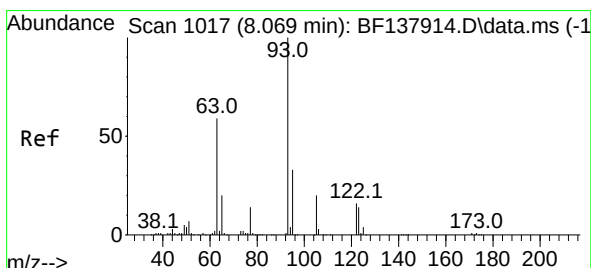
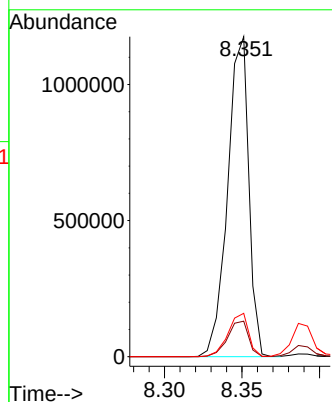
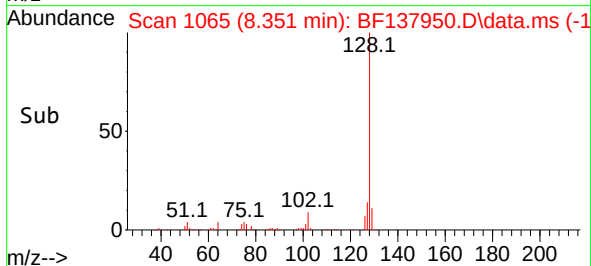


Tgt Ion:128 Resp: 111563
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.5 10.6 16.0

Manual Integrations

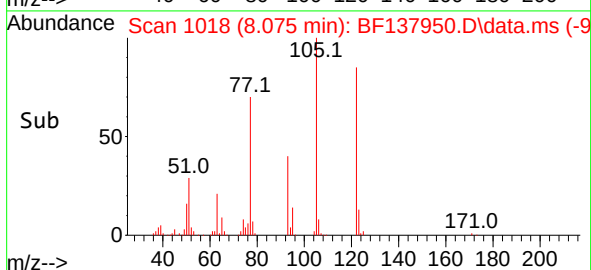
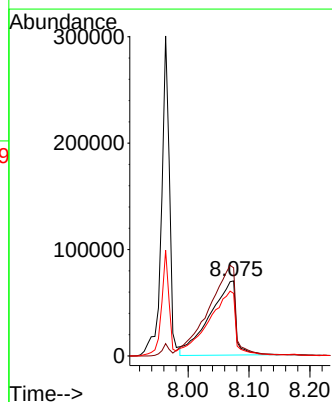
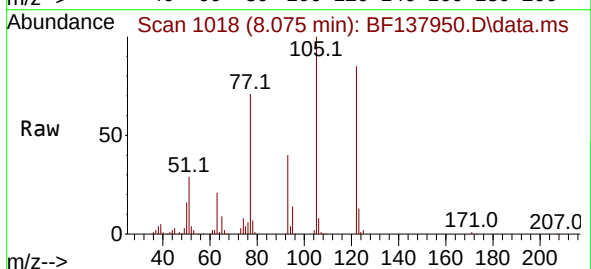
APPROVED

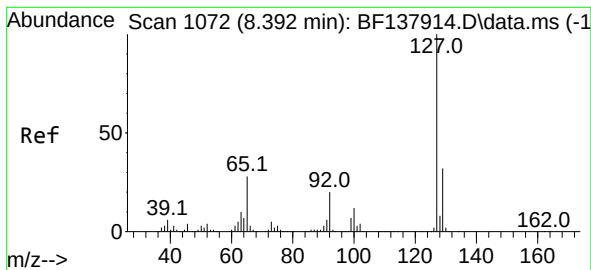
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#32
Benzoic acid
Concen: 43.720 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Tgt Ion:122 Resp: 209619
Ion Ratio Lower Upper
122 100
105 117.6 103.8 143.8
77 83.4 68.4 108.4





#33
4-Chloroaniline
Concen: 15.695 ng
RT: 8.386 min Scan# 1072
Delta R.T. -0.006 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

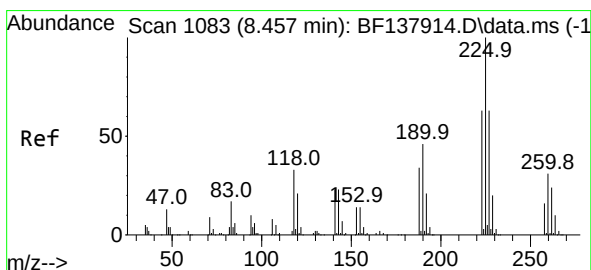
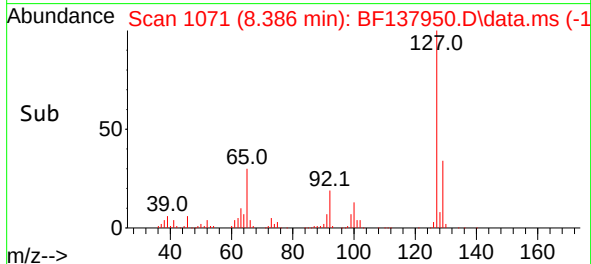
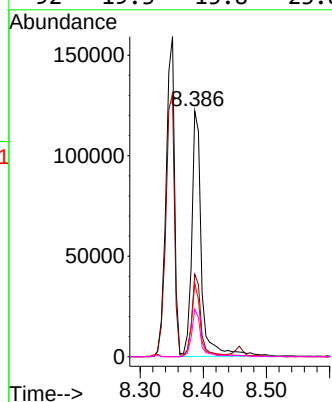
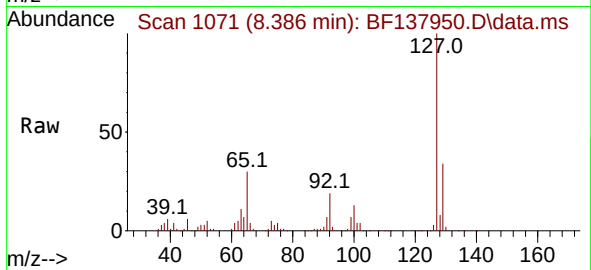
PB160983BS

Tgt Ion:127 Resp: 131579
Ion Ratio Lower Upper
127 100
129 33.6 25.4 38.2
65 29.8 22.0 33.0
92 19.3 15.8 23.8

Manual Integrations

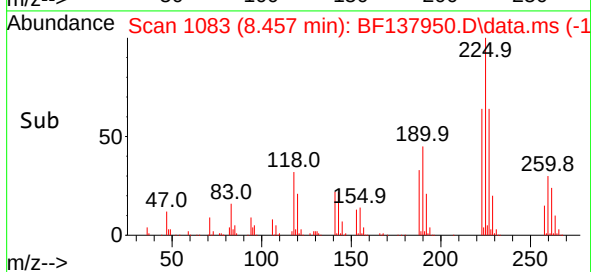
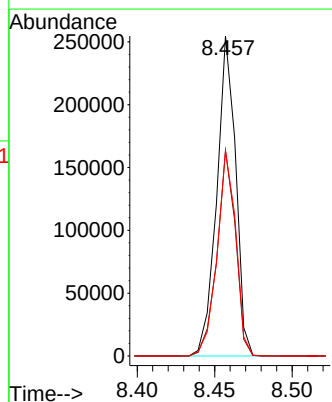
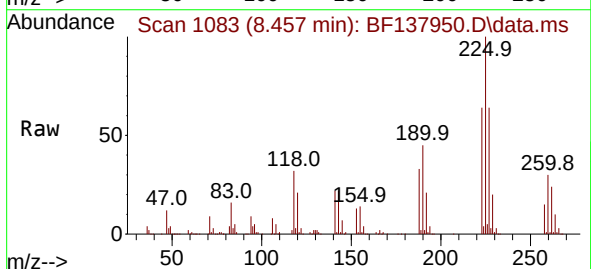
APPROVED

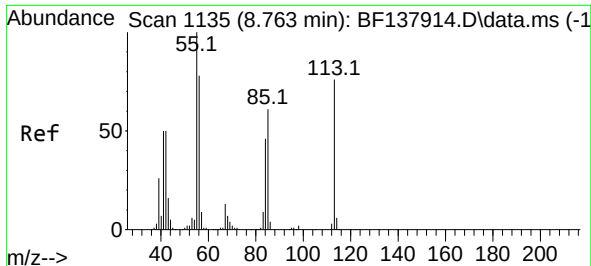
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#34
Hexachlorobutadiene
Concen: 42.800 ng
RT: 8.457 min Scan# 1083
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

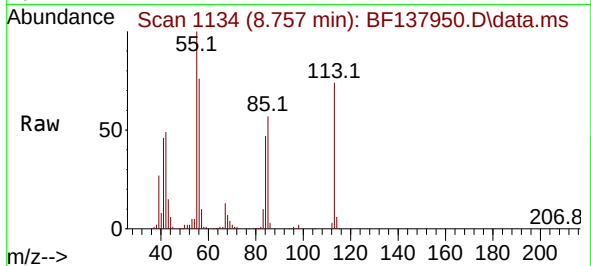
Tgt Ion:225 Resp: 215732
Ion Ratio Lower Upper
225 100
223 64.2 50.0 75.0
227 64.1 50.2 75.4





#35
Caprolactam
Concen: 41.412 ng m
RT: 8.757 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

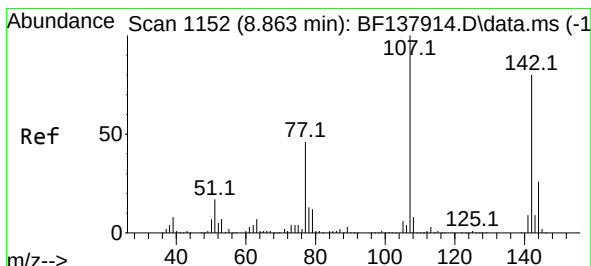
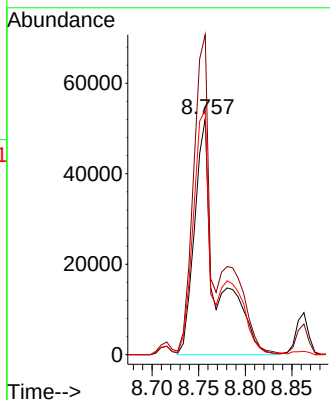
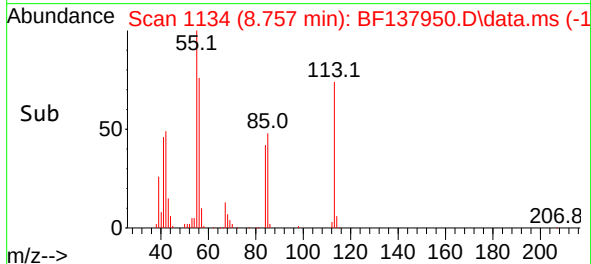
Instrument :
BNA_F
ClientSampleId :
PB160983BS



Tgt Ion:113 Resp: 8557
Ion Ratio Lower Upper
113 100
55 135.5 112.3 152.3
56 103.6 82.7 122.7

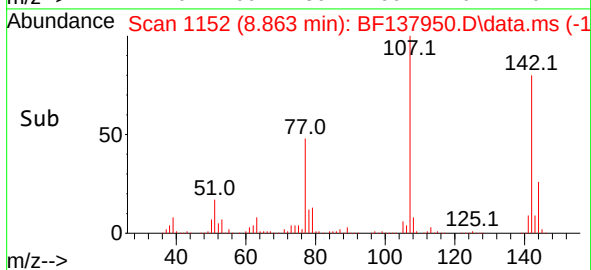
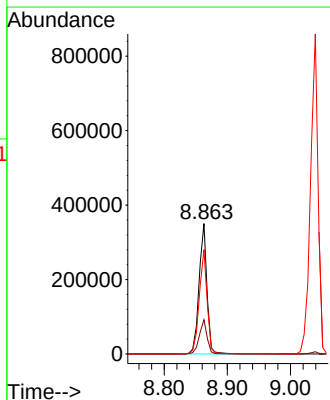
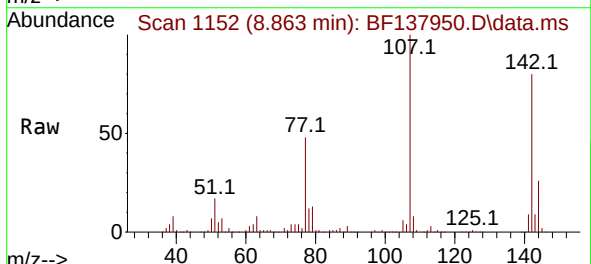
Manual Integrations
APPROVED

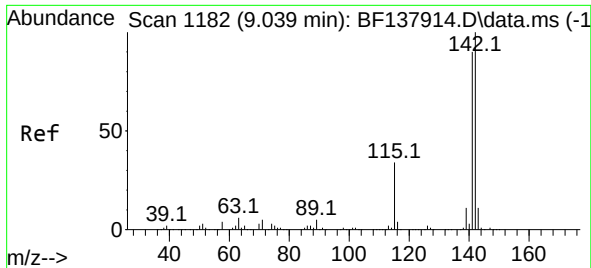
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#36
4-Chloro-3-methylphenol
Concen: 41.993 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Tgt Ion:107 Resp: 304677
Ion Ratio Lower Upper
107 100
144 26.2 20.7 31.1
142 80.0 64.0 96.0





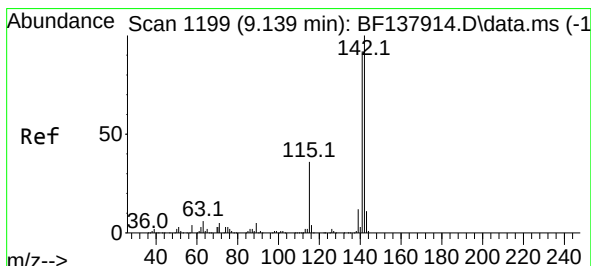
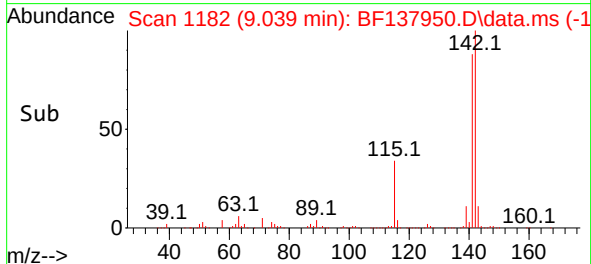
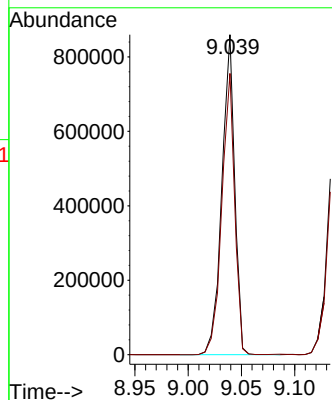
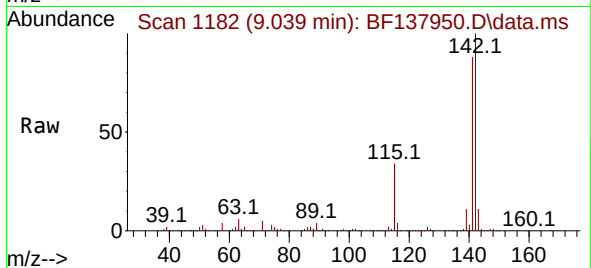
#37
2-Methylnaphthalene
Concen: 43.620 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Instrument :
BNA_F
ClientSampleId :
PB160983BS

Tgt Ion:142 Resp: 71704
Ion Ratio Lower Upper
142 100
141 87.9 72.0 108.0

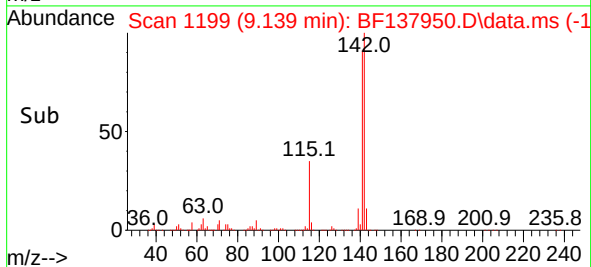
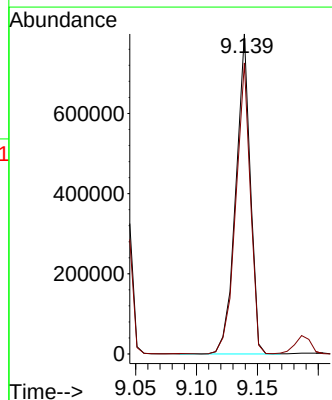
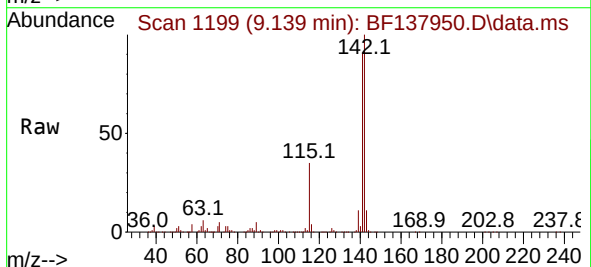
Manual Integrations
APPROVED

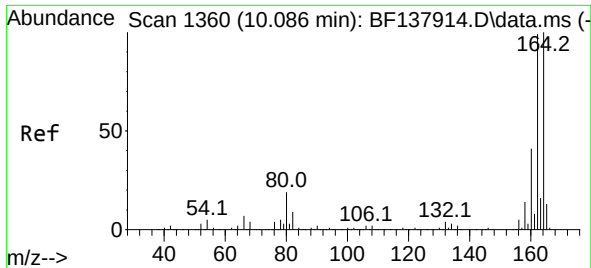
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#38
1-Methylnaphthalene
Concen: 40.719 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Tgt Ion:142 Resp: 658049
Ion Ratio Lower Upper
142 100
141 91.0 73.7 110.5





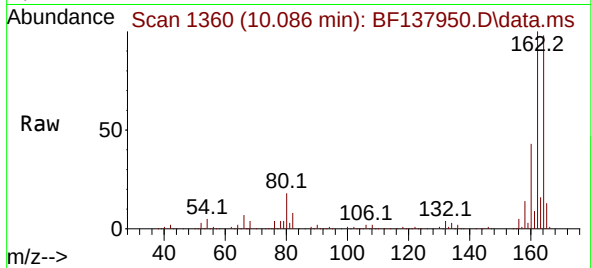
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

PB160983BS

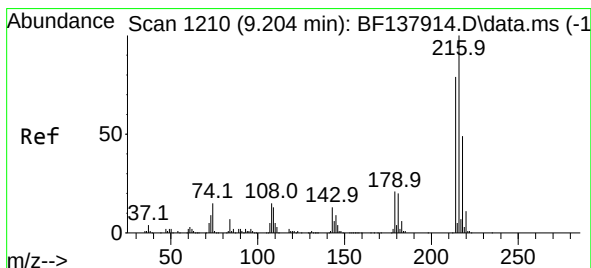
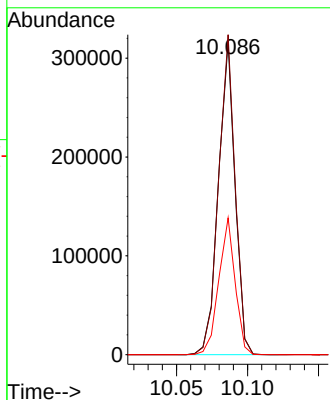
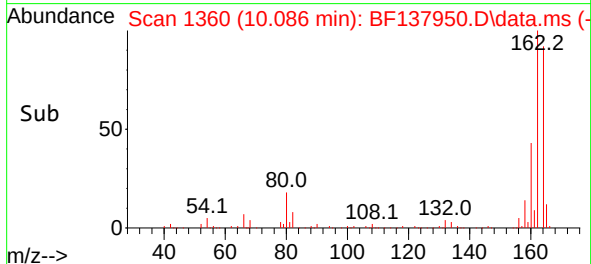


Tgt Ion:164 Resp: 258039
Ion Ratio Lower Upper
164 100
162 102.4 79.4 119.2
160 43.8 33.1 49.7

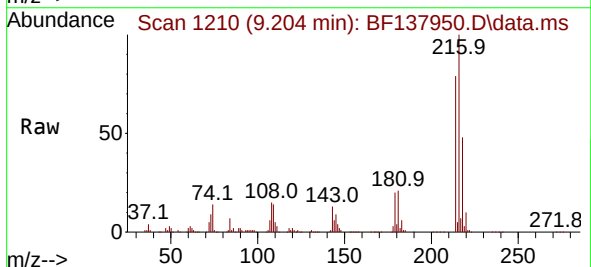
Manual Integrations

APPROVED

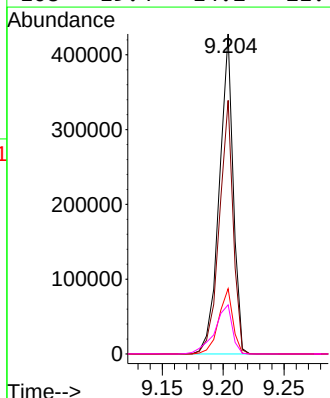
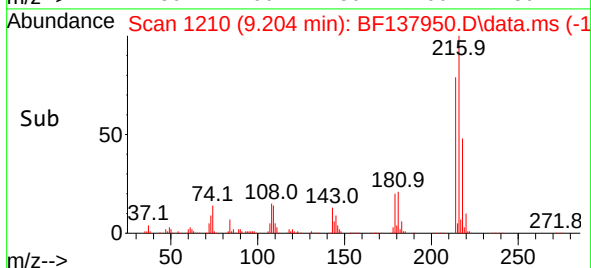
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024

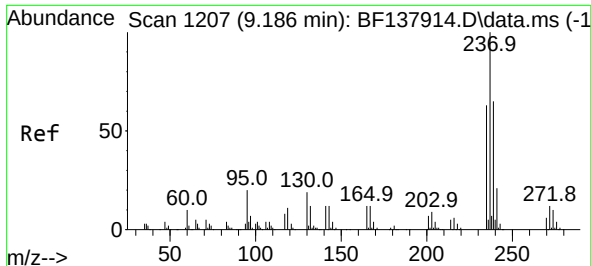


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.578 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56



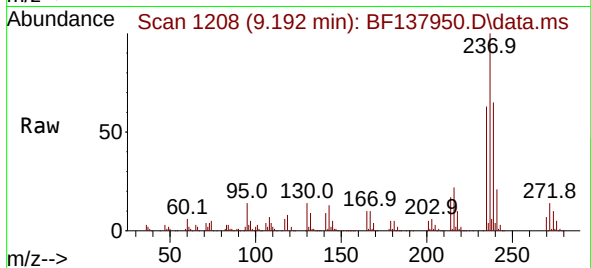
Tgt Ion:216 Resp: 340784
Ion Ratio Lower Upper
216 100
214 78.5 63.4 95.2
179 20.7 17.0 25.4
108 19.4 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 139.496 ng
RT: 9.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

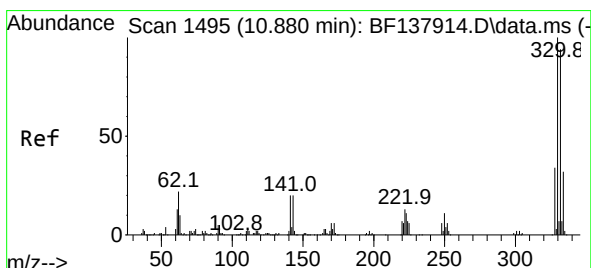
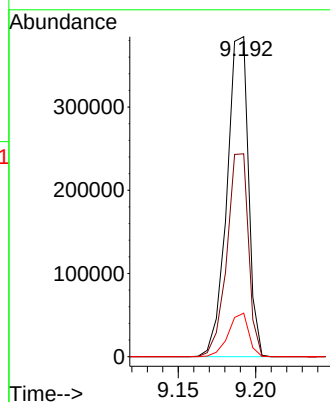
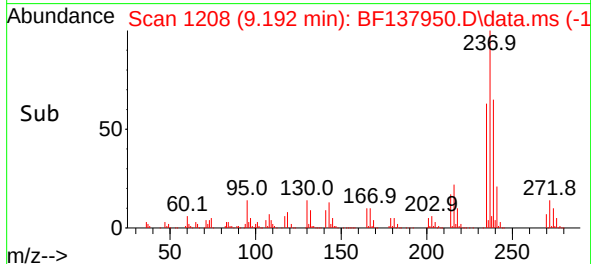
Instrument :
BNA_F
ClientSampleId :
PB160983BS



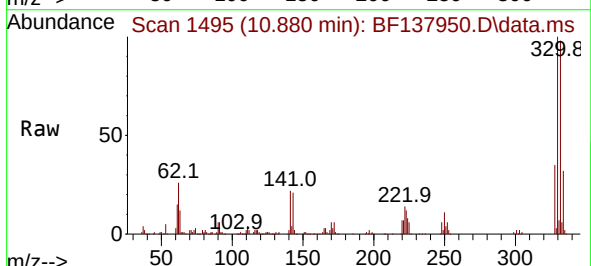
Tgt Ion:237 Resp: 371835
Ion Ratio Lower Upper
237 100
235 63.4 42.8 82.8
272 13.6 0.0 32.0

Manual Integrations
APPROVED

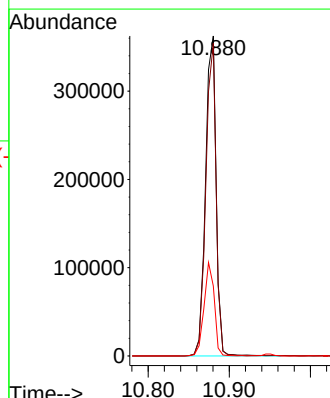
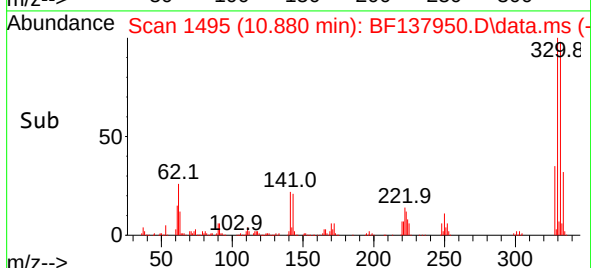
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024

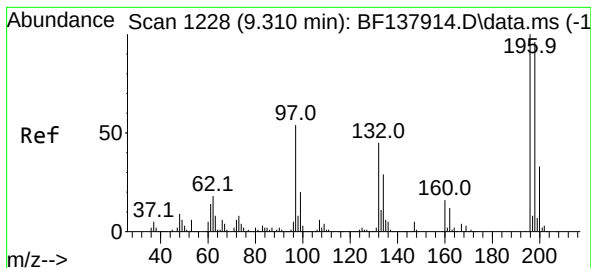


#42
2,4,6-Tribromophenol
Concen: 125.646 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56



Tgt Ion:330 Resp: 326906
Ion Ratio Lower Upper
330 100
332 95.2 75.8 113.8
141 28.4 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 47.391 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF137950.D

Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

PB160983BS

Tgt Ion:196 Resp: 217979

Ion Ratio Lower Upper

196 100

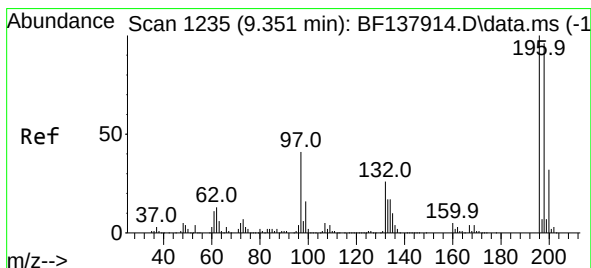
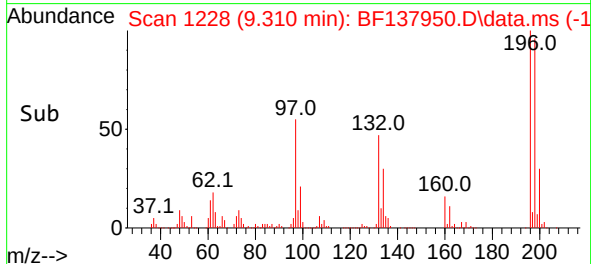
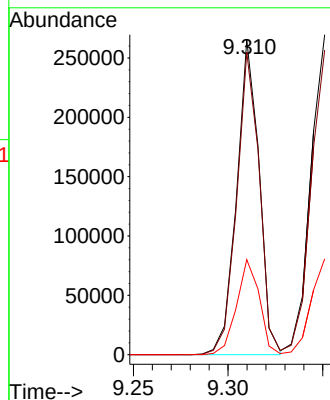
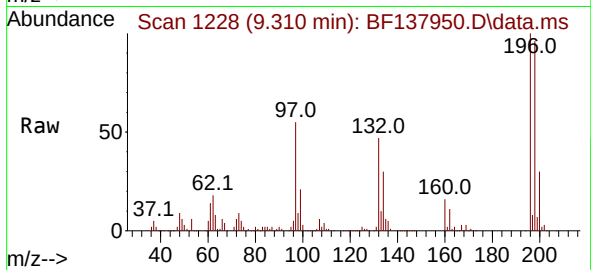
198 96.0 77.0 115.4

200 30.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#44

2,4,5-Trichlorophenol

Concen: 45.690 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF137950.D

Acq: 20 May 2024 09:56

Tgt Ion:196 Resp: 229946

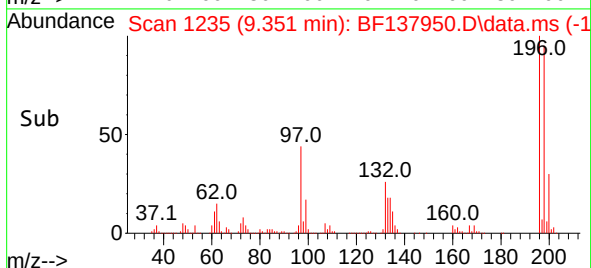
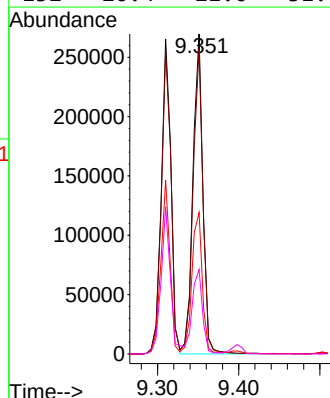
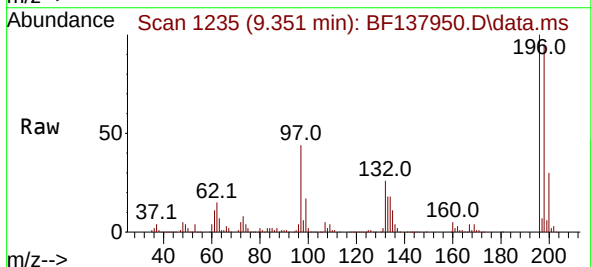
Ion Ratio Lower Upper

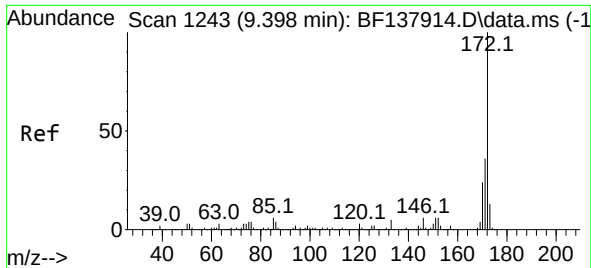
196 100

198 95.2 77.4 116.0

97 44.2 32.9 49.3

132 26.4 21.0 31.6





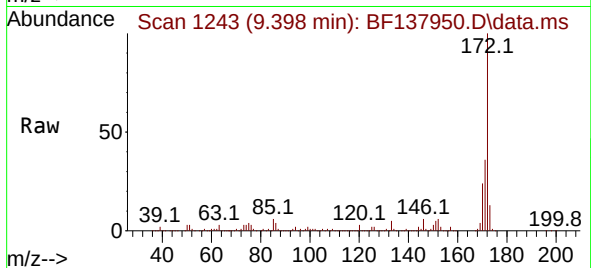
#45
2-Fluorobiphenyl
Concen: 88.878 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

PB160983BS

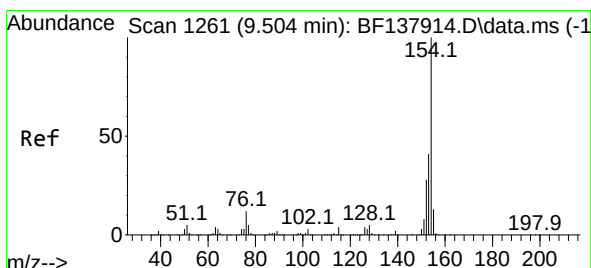
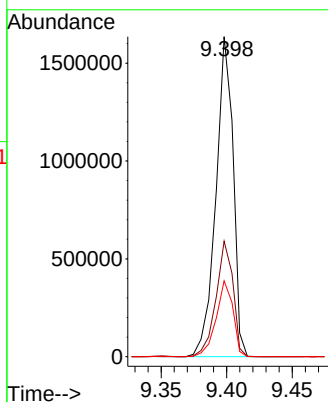
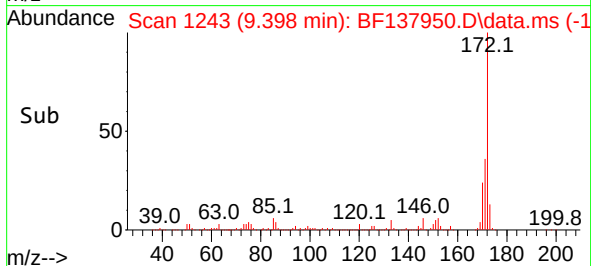


Tgt Ion:172 Resp: 1488854
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 23.7 18.9 28.3

Manual Integrations

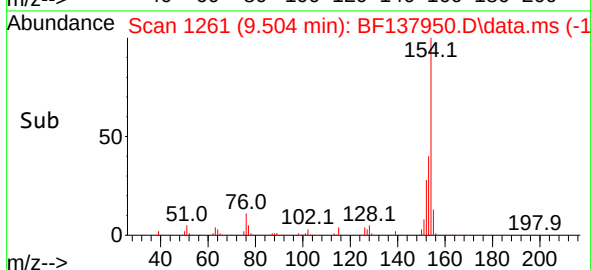
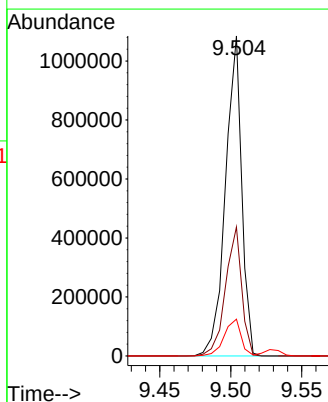
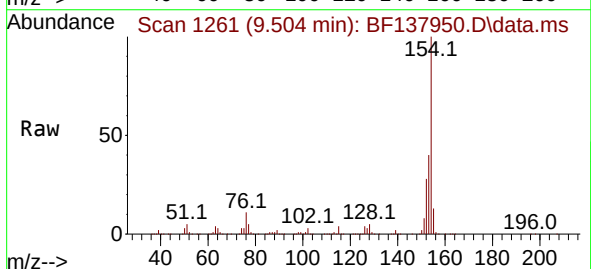
APPROVED

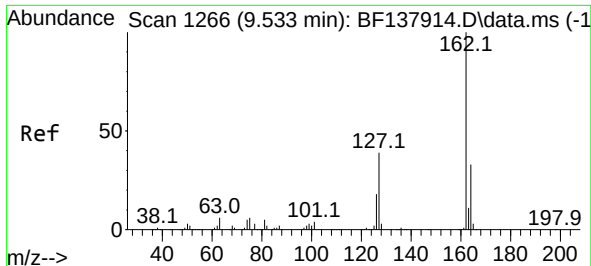
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#46
1,1'-Biphenyl
Concen: 47.588 ng
RT: 9.504 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Tgt Ion:154 Resp: 861267
Ion Ratio Lower Upper
154 100
153 40.3 21.3 61.3
76 11.5 0.0 31.9





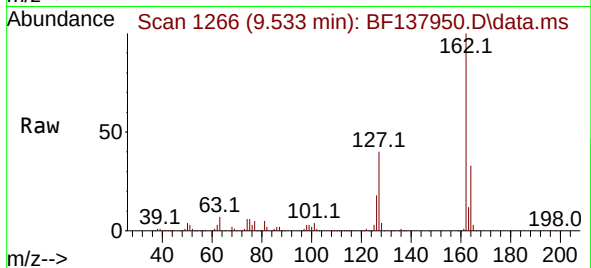
#47
2-Chloronaphthalene
Concen: 46.286 ng
RT: 9.533 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

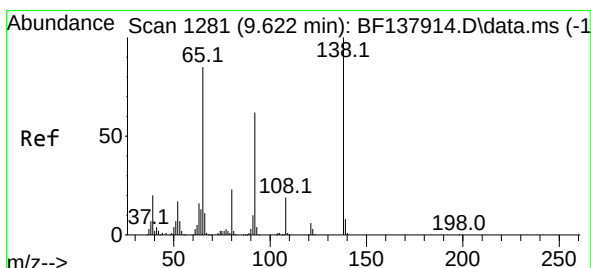
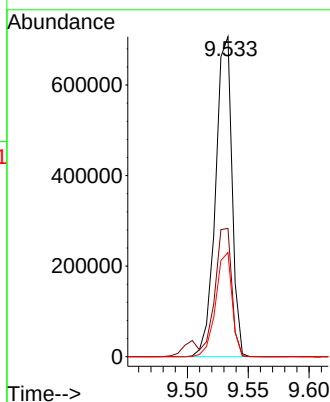
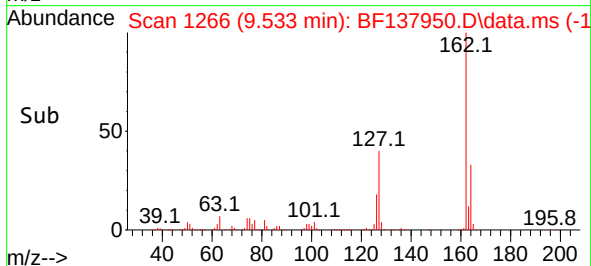
PB160983BS



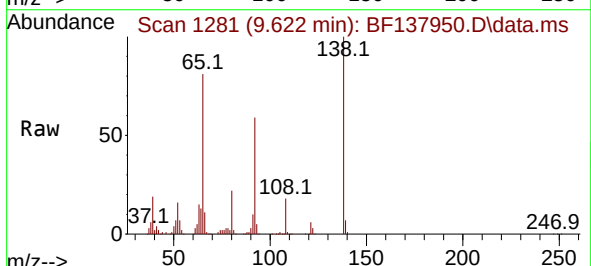
Tgt Ion:162 Resp: 668720
Ion Ratio Lower Upper
162 100
127 40.1 32.0 48.0
164 32.5 26.2 39.4

Manual Integrations
APPROVED

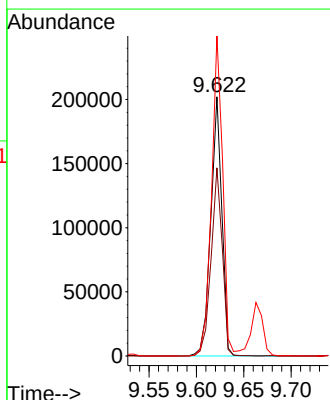
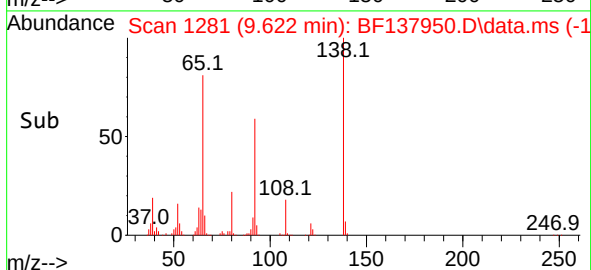
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024

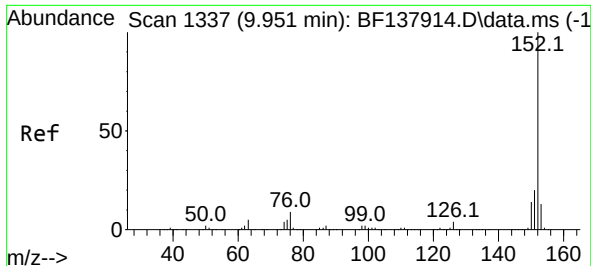


#48
2-Nitroaniline
Concen: 44.433 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56



Tgt Ion: 65 Resp: 164384
Ion Ratio Lower Upper
65 100
92 72.6 58.6 88.0
138 123.5 94.1 141.1





#49

Acenaphthylene

Concen: 48.577 ng

RT: 9.951 min Scan# 1337

Delta R.T. -0.000 min

Lab File: BF137950.D

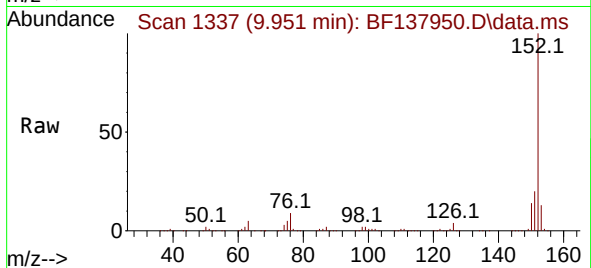
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

PB160983BS



Tgt Ion:152 Resp: 1009108

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

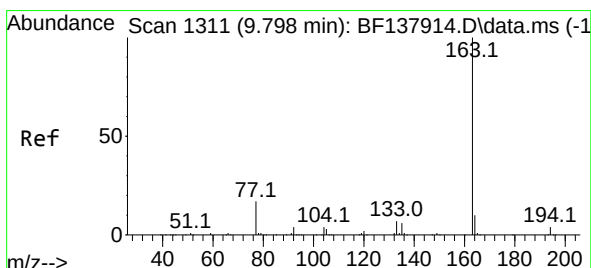
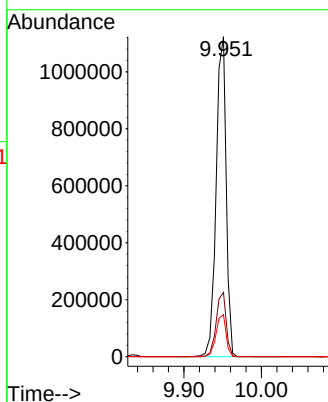
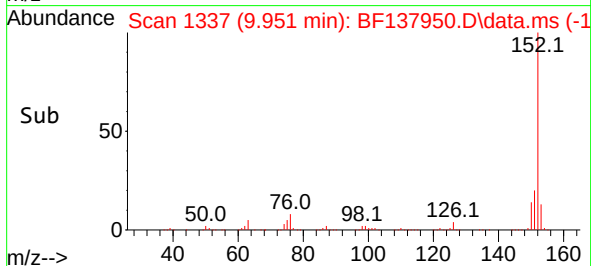
153 13.2 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/21/2024

Supervised By :mohammad ahmed 05/22/2024



#50

Dimethylphthalate

Concen: 44.766 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.000 min

Lab File: BF137950.D

Acq: 20 May 2024 09:56

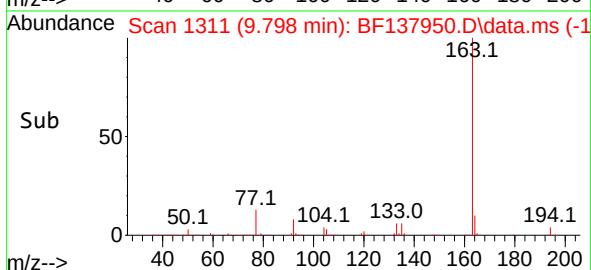
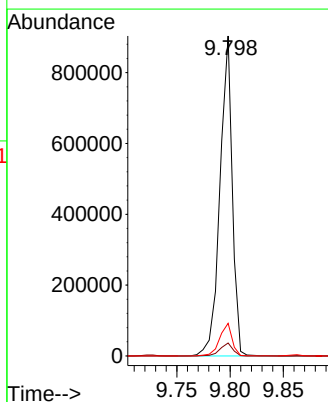
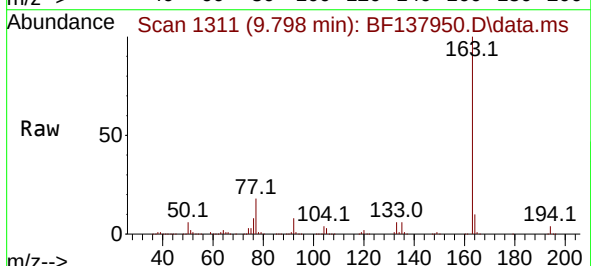
Tgt Ion:163 Resp: 724364

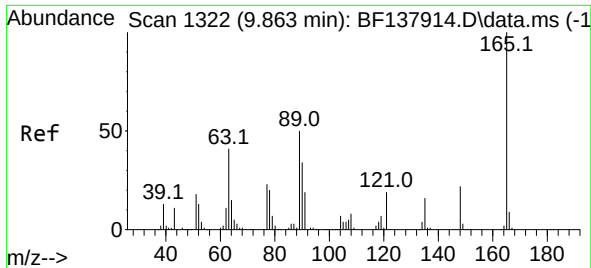
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 43.280 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

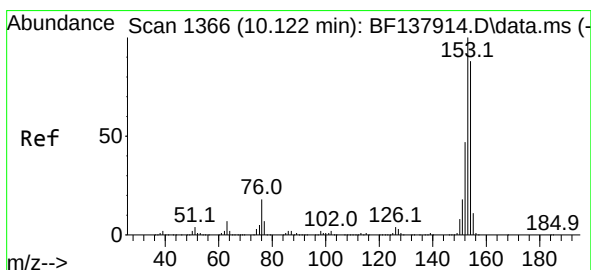
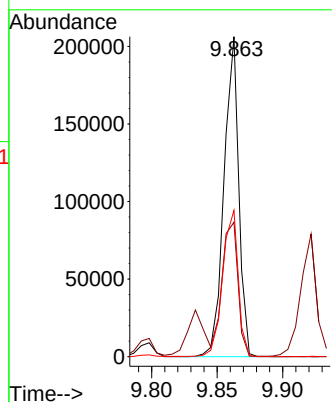
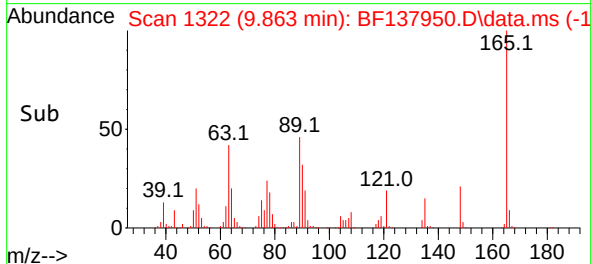
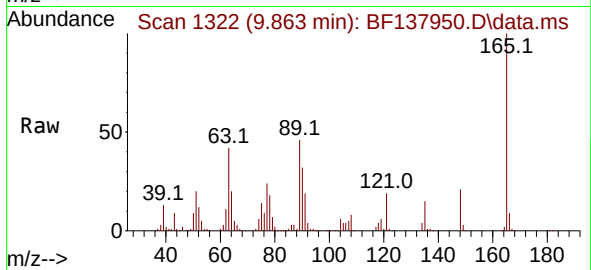
PB160983BS

Tgt Ion:165 Resp: 160731
Ion Ratio Lower Upper
165 100
63 42.0 38.9 58.3
89 45.7 40.4 60.6

Manual Integrations

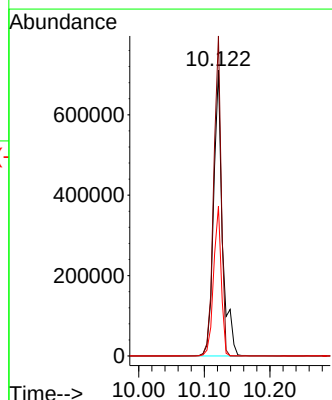
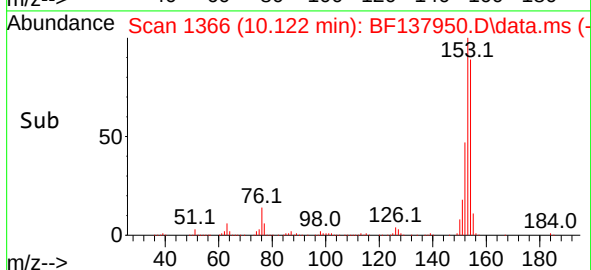
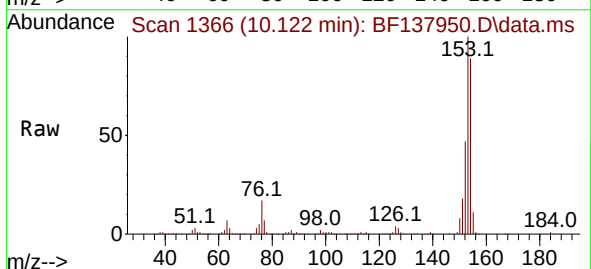
APPROVED

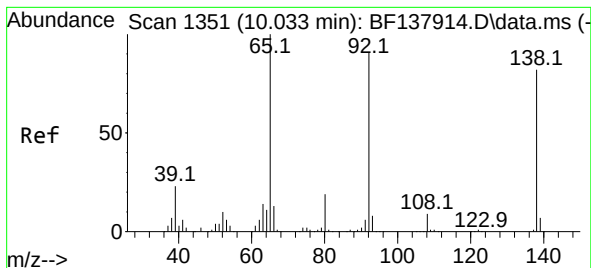
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#52
Acenaphthene
Concen: 48.723 ng
RT: 10.122 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Tgt Ion:154 Resp: 668972
Ion Ratio Lower Upper
154 100
153 112.1 90.4 135.6
152 52.4 42.3 63.5





#53
3-Nitroaniline
Concen: 27.754 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

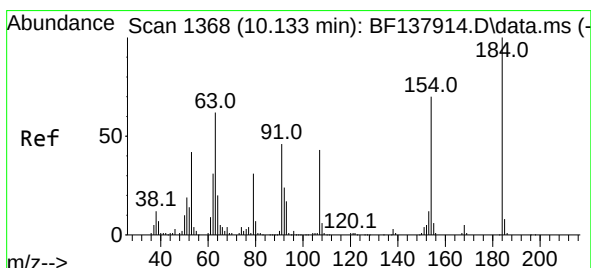
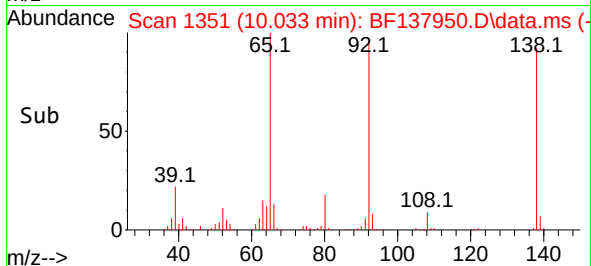
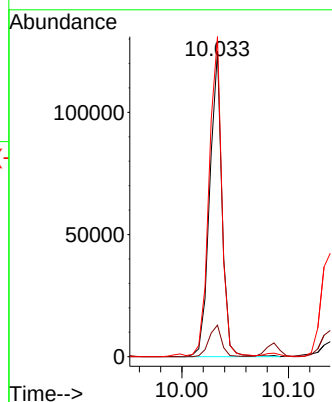
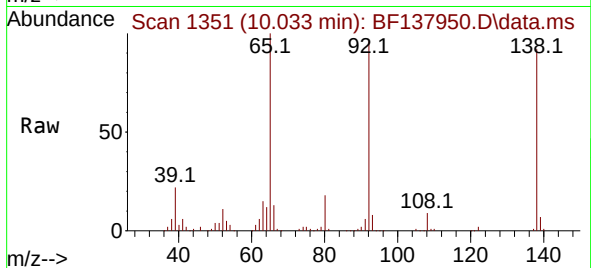
PB160983BS

Tgt Ion:138 Resp: 100764
Ion Ratio Lower Upper
138 100
108 10.3 8.8 13.2
92 104.8 88.6 133.0

Manual Integrations

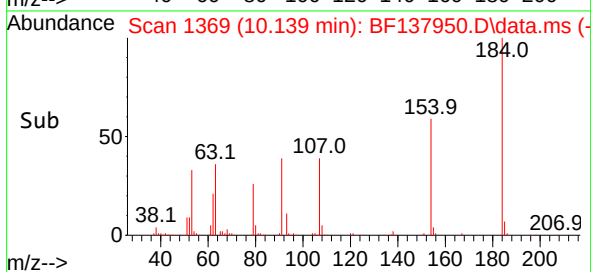
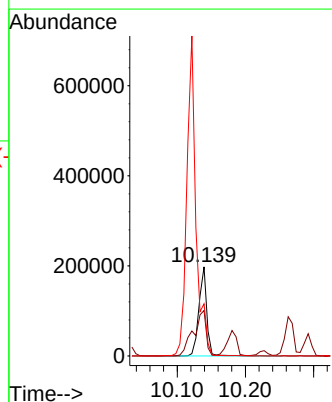
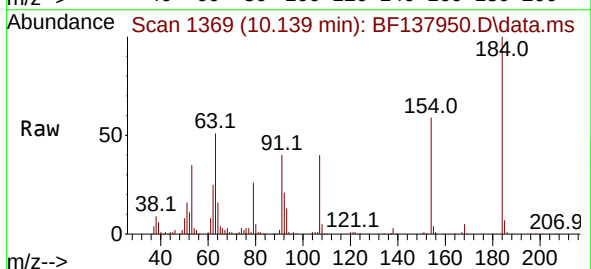
APPROVED

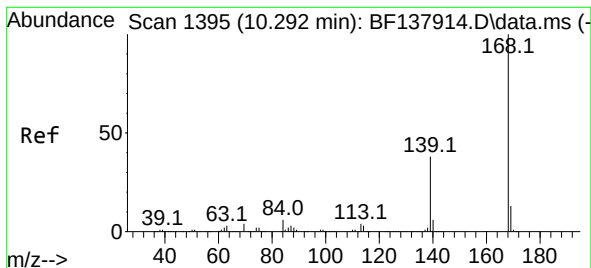
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#54
2,4-Dinitrophenol
Concen: 78.832 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

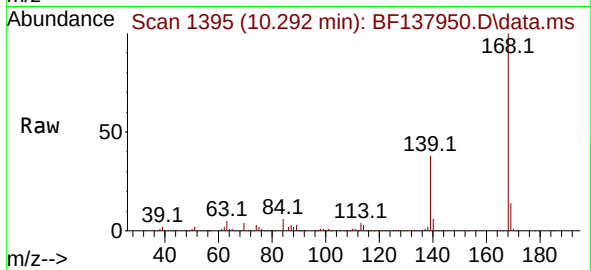
Tgt Ion:184 Resp: 157941
Ion Ratio Lower Upper
184 100
63 51.0 50.4 75.6
154 58.6 63.7 95.5#





#55
Dibenzofuran
Concen: 45.343 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

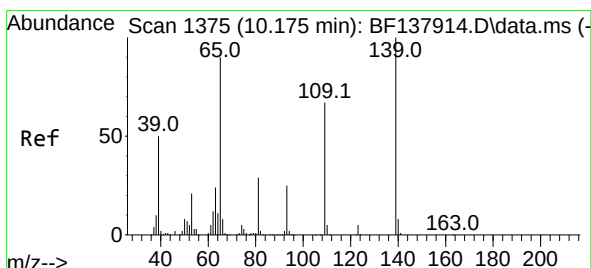
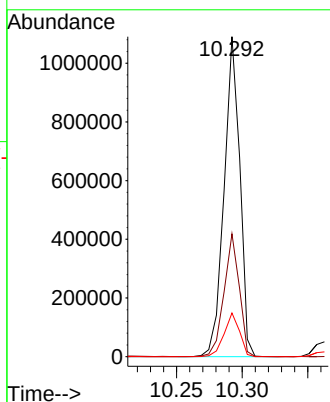
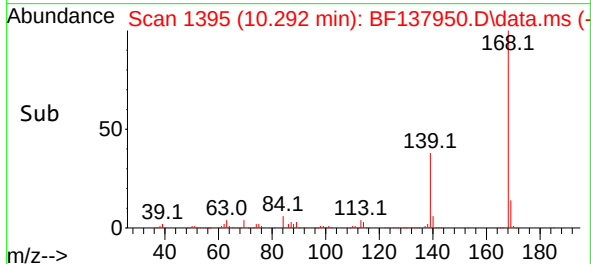
Instrument :
BNA_F
ClientSampleId :
PB160983BS



Tgt Ion:168 Resp: 906049
Ion Ratio Lower Upper
168 100
139 38.4 30.4 45.6
169 13.7 10.5 15.7

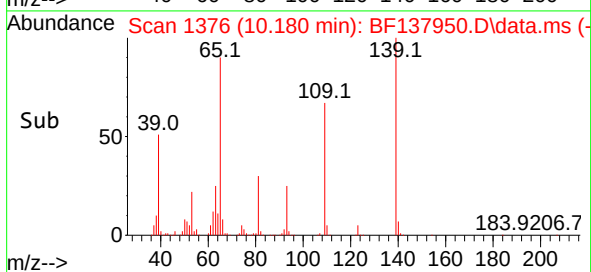
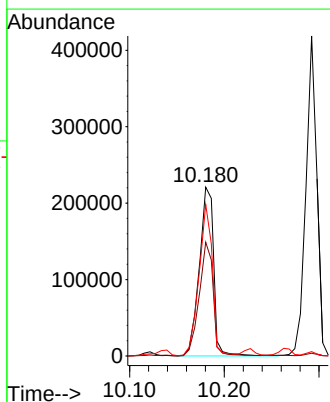
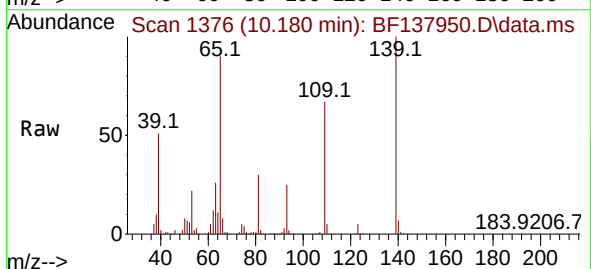
Manual Integrations
APPROVED

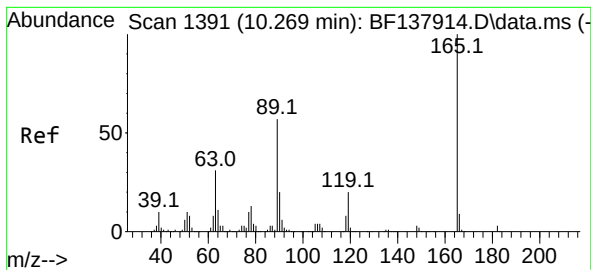
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#56
4-Nitrophenol
Concen: 89.490 ng
RT: 10.180 min Scan# 1376
Delta R.T. 0.006 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Tgt Ion:139 Resp: 233355
Ion Ratio Lower Upper
139 100
109 67.4 46.5 86.5
65 89.7 70.4 110.4





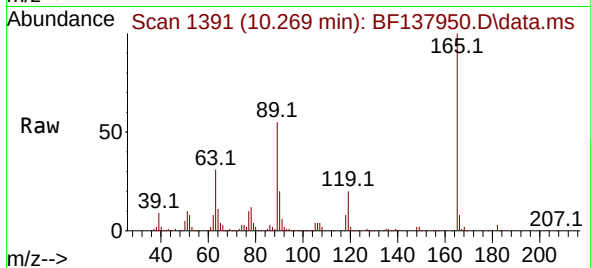
#57
2,4-Dinitrotoluene
Concen: 42.825 ng
RT: 10.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

PB160983BS

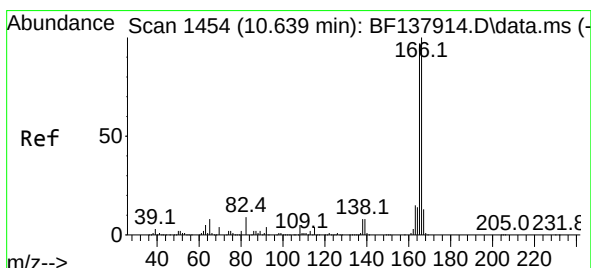
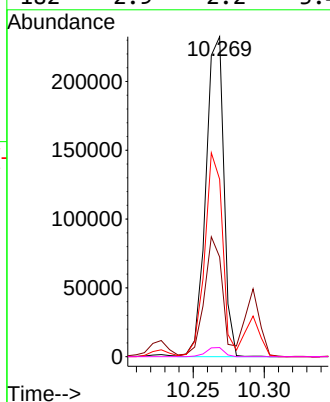
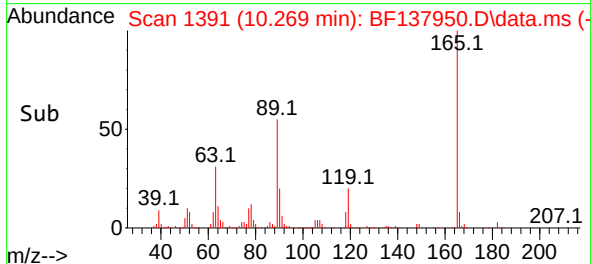


Tgt Ion:165 Resp: 205609
Ion Ratio Lower Upper
165 100
63 31.2 25.3 37.9
89 55.4 45.9 68.9
182 2.9 2.2 3.4

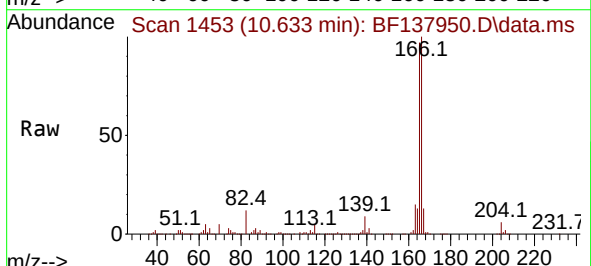
Manual Integrations

APPROVED

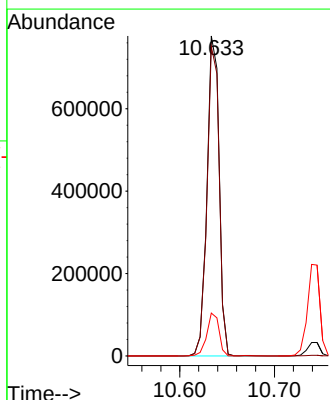
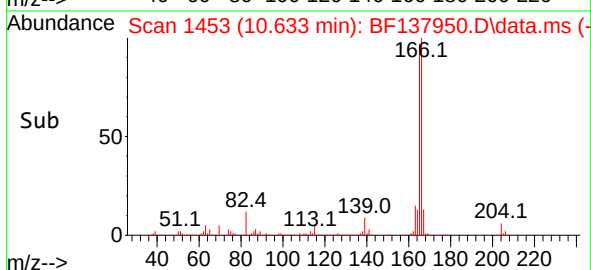
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024

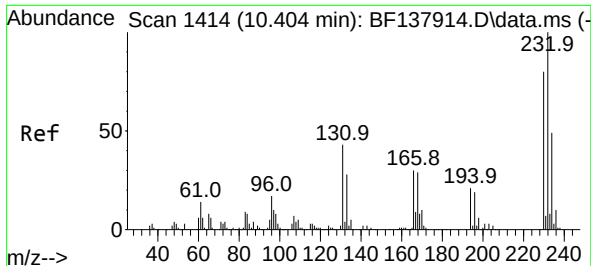


#58
Fluorene
Concen: 43.595 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56



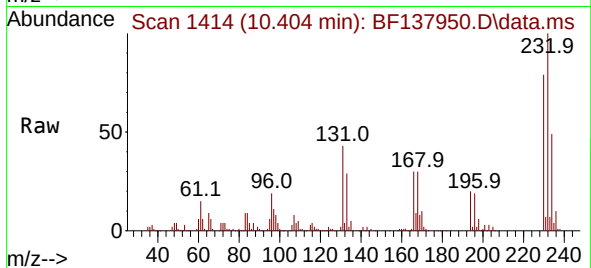
Tgt Ion:166 Resp: 689025
Ion Ratio Lower Upper
166 100
165 96.8 77.8 116.8
167 13.4 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.429 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

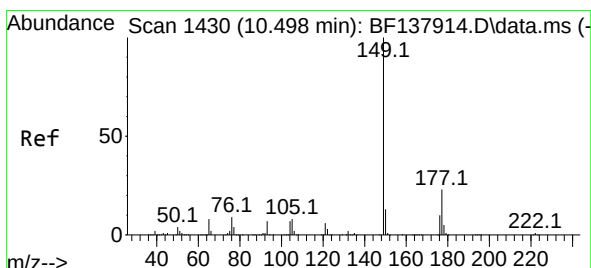
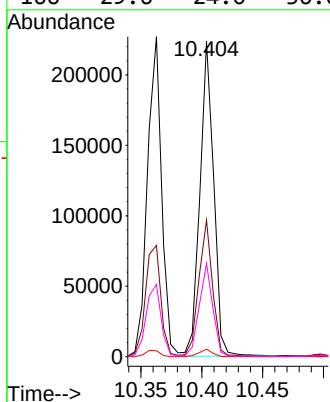
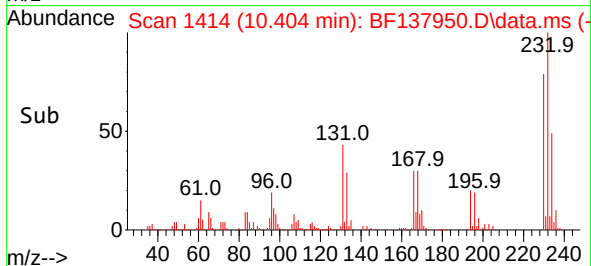
Instrument :
BNA_F
ClientSampleId :
PB160983BS



Tgt Ion:232 Resp: 17565
Ion Ratio Lower Upper
232 100
131 43.5 34.4 51.6
130 2.3 1.7 2.5
166 29.6 24.0 36.0

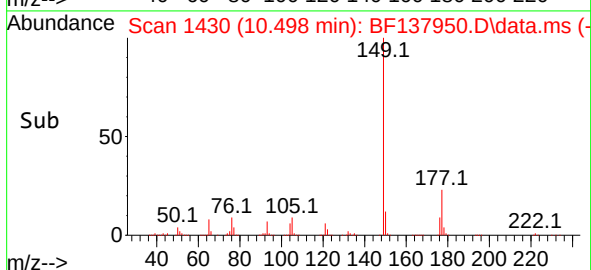
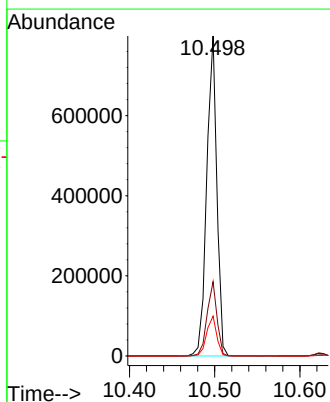
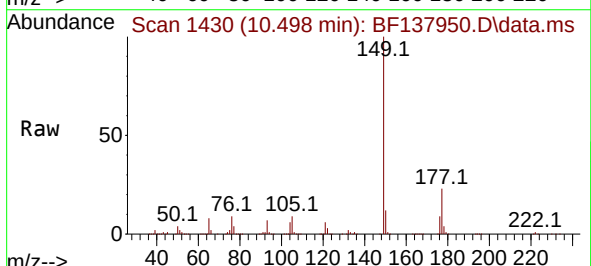
Manual Integrations
APPROVED

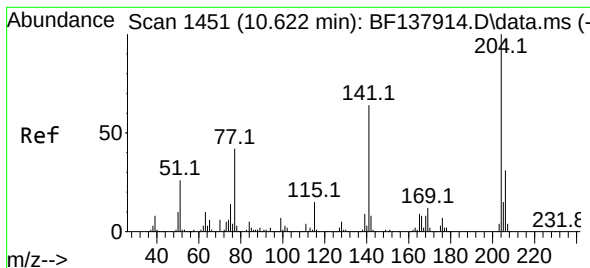
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#60
Diethylphthalate
Concen: 43.382 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Tgt Ion:149 Resp: 655595
Ion Ratio Lower Upper
149 100
177 23.2 18.4 27.6
150 12.5 10.1 15.1





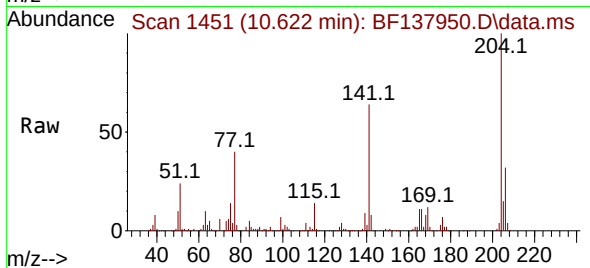
#61
4-Chlorophenyl-phenylether
Concen: 44.669 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

PB160983BS

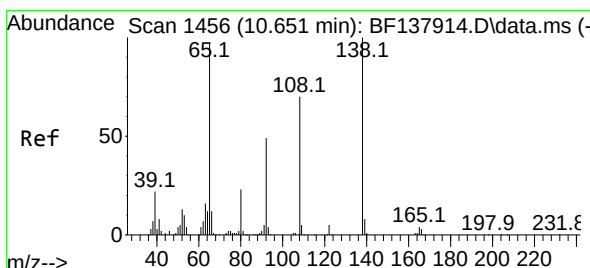
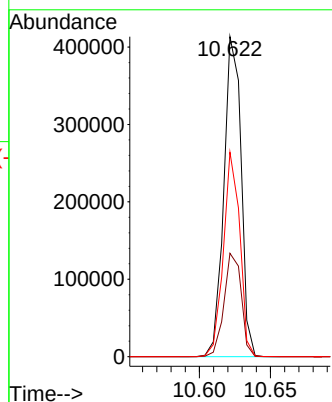
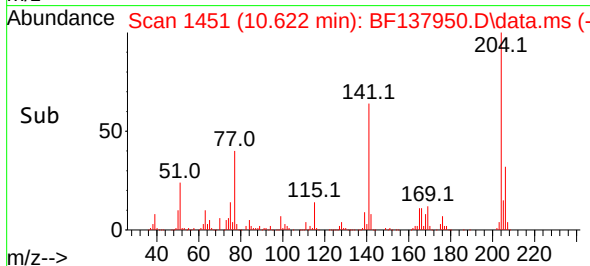


Tgt Ion:204 Resp: 348164
Ion Ratio Lower Upper
204 100
206 32.3 25.1 37.7
141 63.9 51.0 76.6

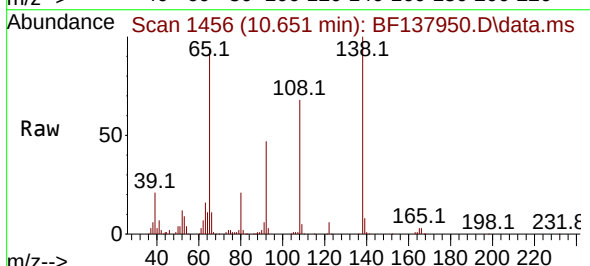
Manual Integrations

APPROVED

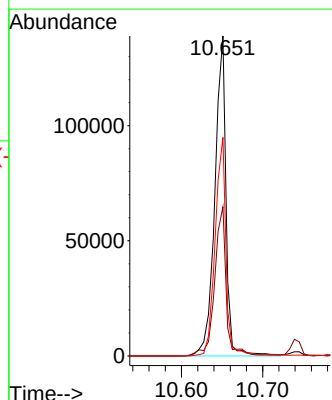
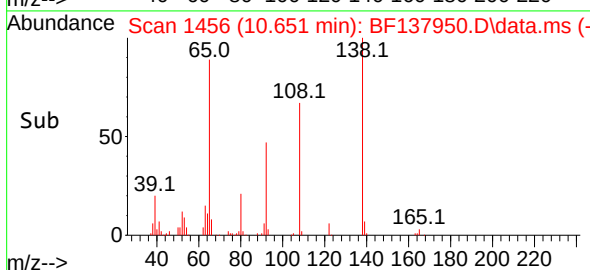
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024

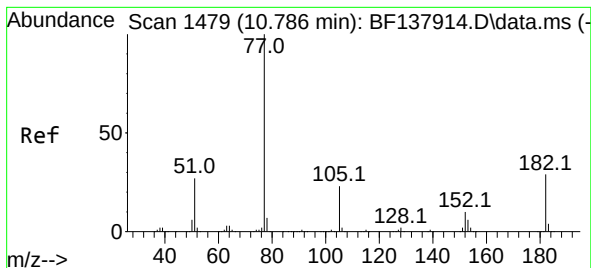


#62
4-Nitroaniline
Concen: 38.756 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56



Tgt Ion:138 Resp: 133459
Ion Ratio Lower Upper
138 100
92 46.6 29.0 69.0
108 68.3 49.7 89.7





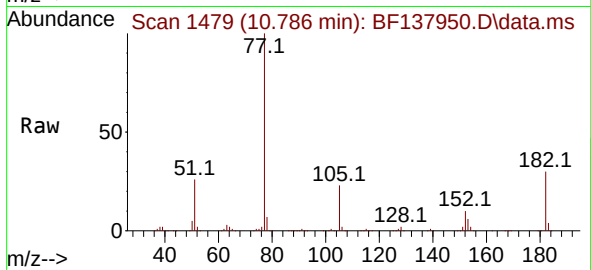
#63
Azobenzene
Concen: 44.986 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

PB160983BS

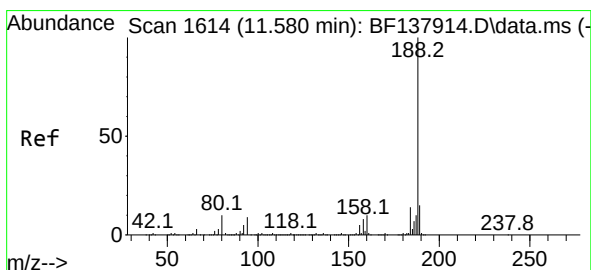
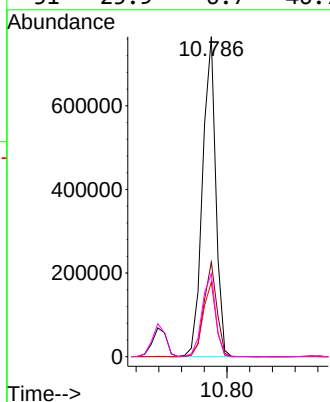
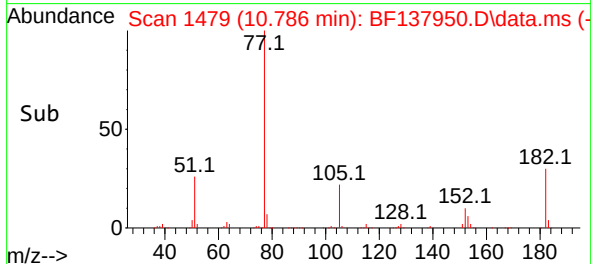


Tgt Ion: 77 Resp: 618380
Ion Ratio Lower Upper
77 100
182 29.6 9.2 49.2
105 23.3 3.1 43.1
51 25.9 6.7 46.7

Manual Integrations

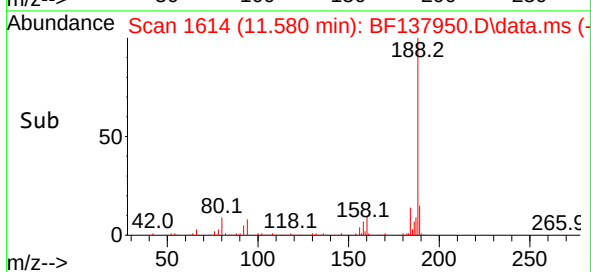
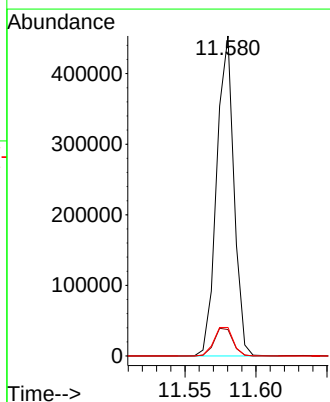
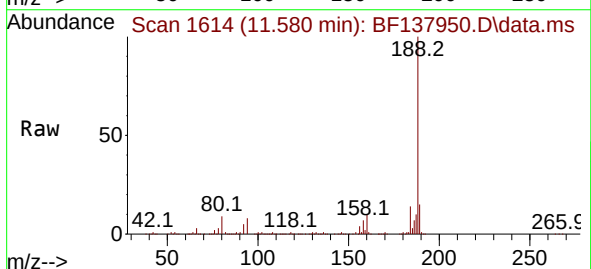
APPROVED

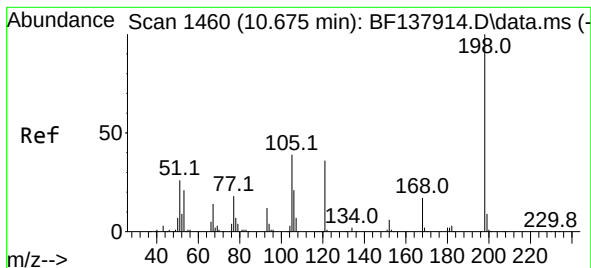
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Tgt Ion:188 Resp: 382365
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 8.9 7.7 11.5





#65
4,6-Dinitro-2-methylphenol
Concen: 49.533 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.001 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

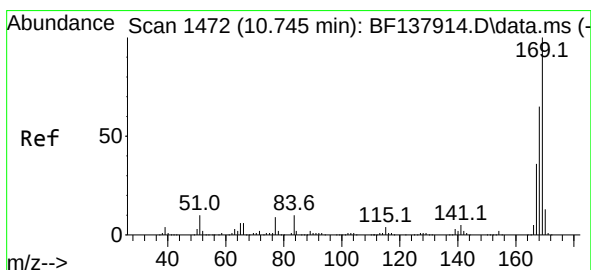
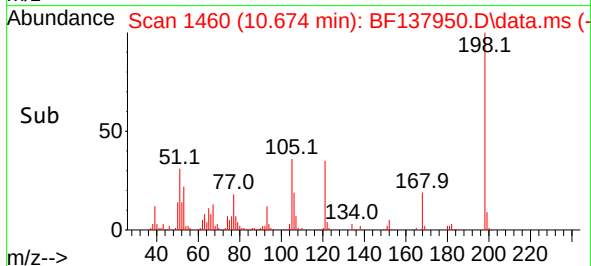
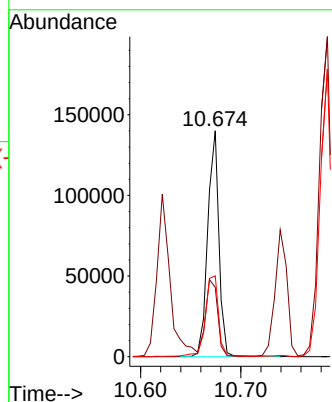
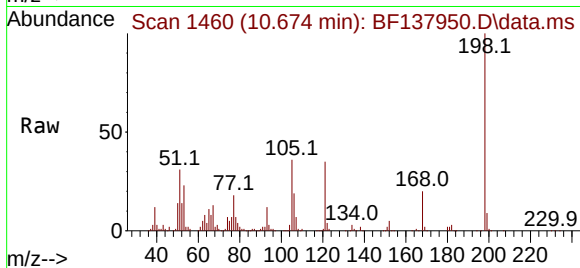
PB160983BS

Tgt Ion:198 Resp: 109358
Ion Ratio Lower Upper
198 100
51 30.6 13.8 53.8
105 35.7 19.0 59.0

Manual Integrations

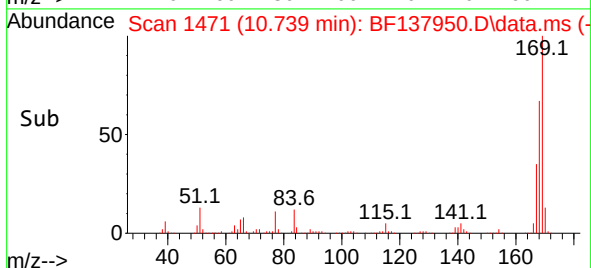
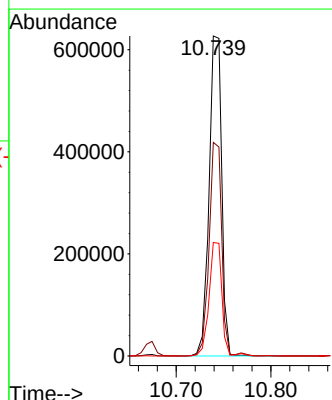
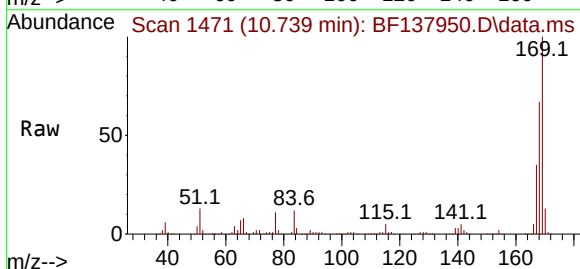
APPROVED

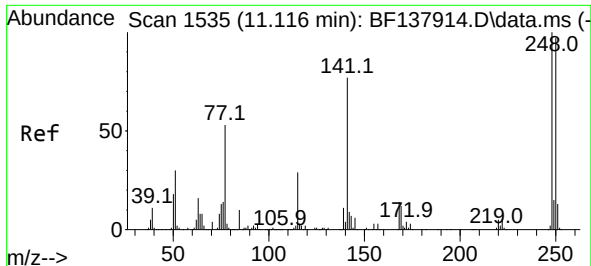
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#66
n-Nitrosodiphenylamine
Concen: 49.321 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.006 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Tgt Ion:169 Resp: 578338
Ion Ratio Lower Upper
169 100
168 66.8 52.4 78.6
167 35.4 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 49.557 ng
RT: 11.116 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

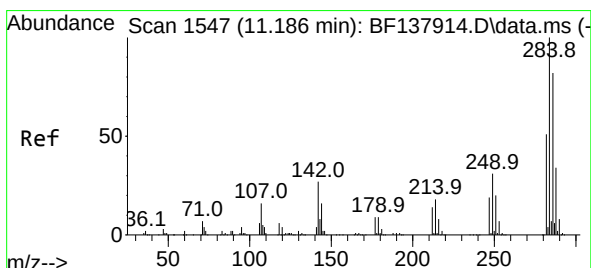
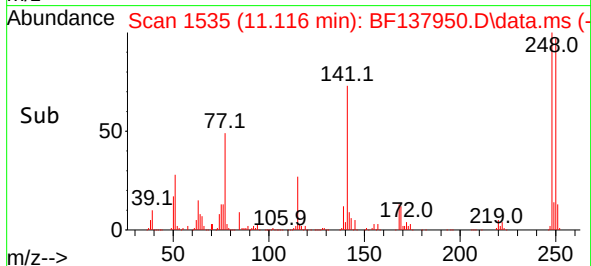
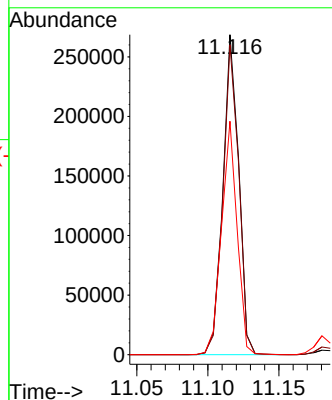
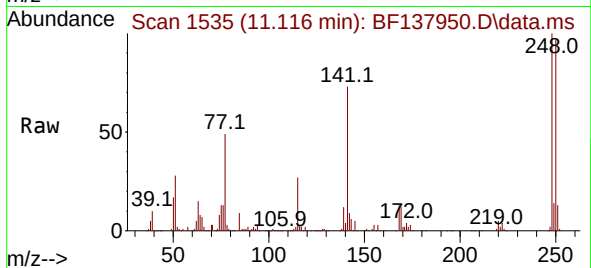
PB160983BS

Tgt Ion:248 Resp: 207732
Ion Ratio Lower Upper
248 100
250 96.9 77.6 116.4
141 72.9 61.4 92.2

Manual Integrations

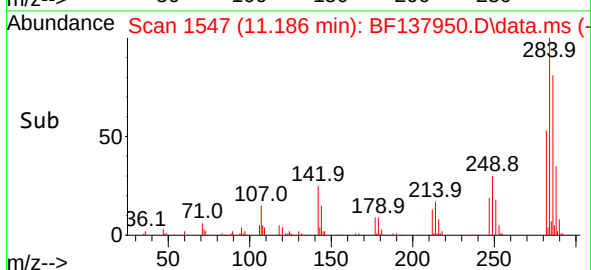
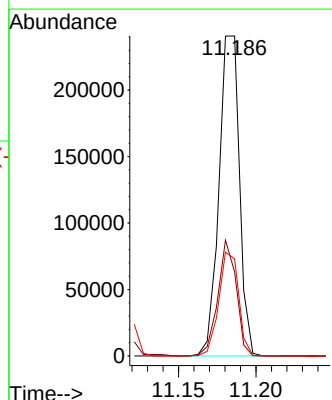
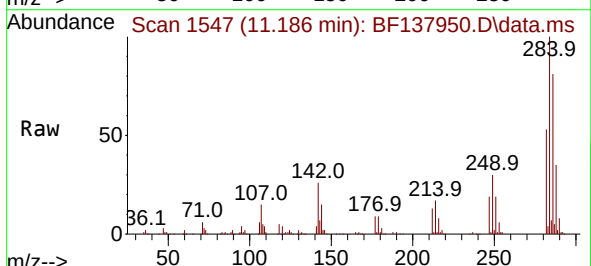
APPROVED

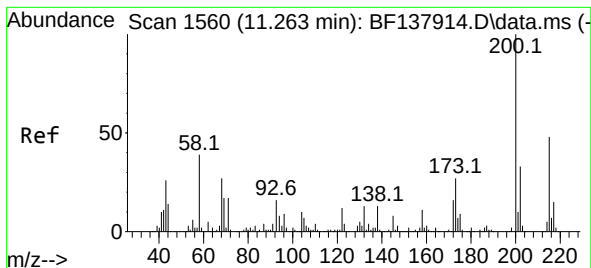
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#68
Hexachlorobenzene
Concen: 47.781 ng
RT: 11.186 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Tgt Ion:284 Resp: 221398
Ion Ratio Lower Upper
284 100
142 26.3 21.3 31.9
249 30.4 24.6 37.0





#69

Atrazine

Concen: 54.877 ng

RT: 11.263 min Scan# 1560

Delta R.T. -0.000 min

Lab File: BF137950.D

Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

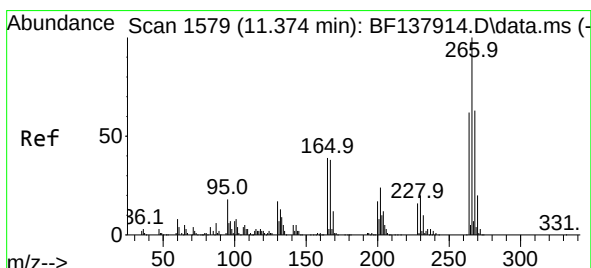
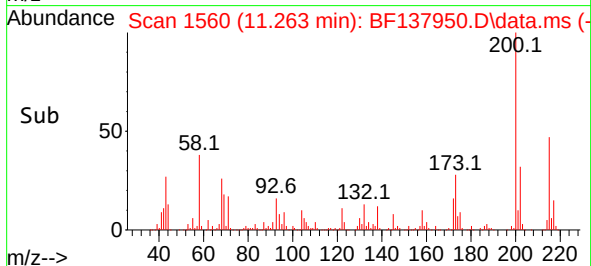
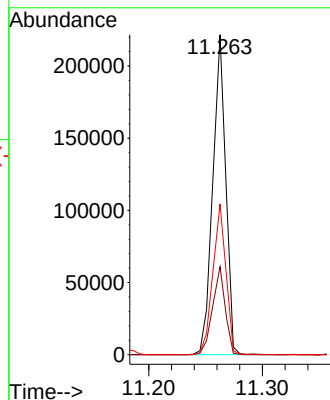
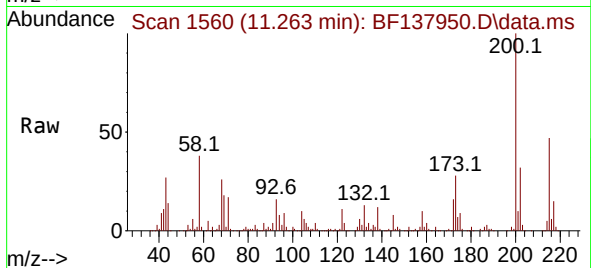
PB160983BS

Tgt Ion:200 Resp: 175715
 Ion Ratio Lower Upper
 200 100
 173 27.5 6.6 46.6
 215 47.1 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/21/2024
 Supervised By :mohammad ahmed 05/22/2024



#70

Pentachlorophenol

Concen: 92.468 ng

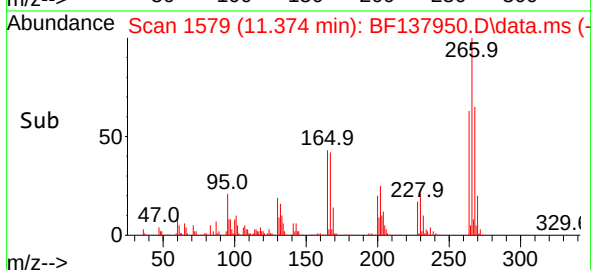
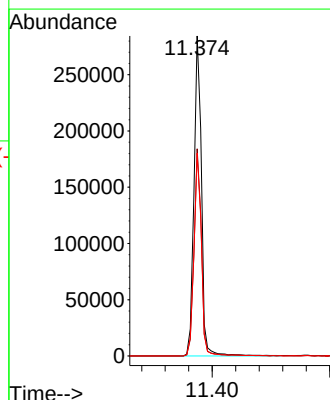
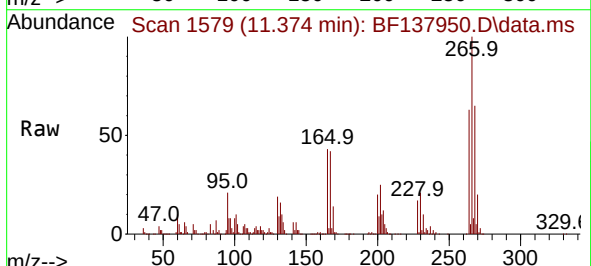
RT: 11.374 min Scan# 1579

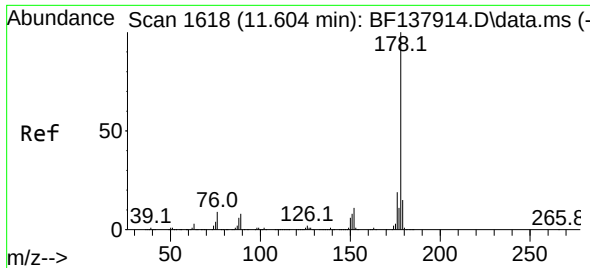
Delta R.T. -0.000 min

Lab File: BF137950.D

Acq: 20 May 2024 09:56

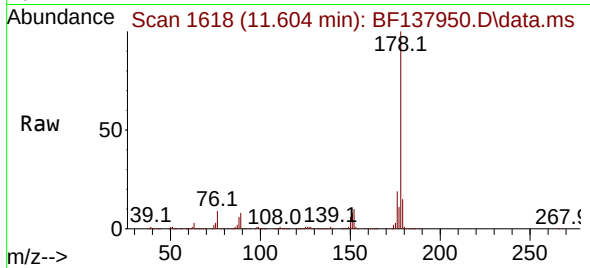
Tgt Ion:266 Resp: 250976
 Ion Ratio Lower Upper
 266 100
 268 64.7 50.1 75.1
 264 63.4 49.4 74.2





#71
Phenanthrene
Concen: 47.075 ng
RT: 11.604 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

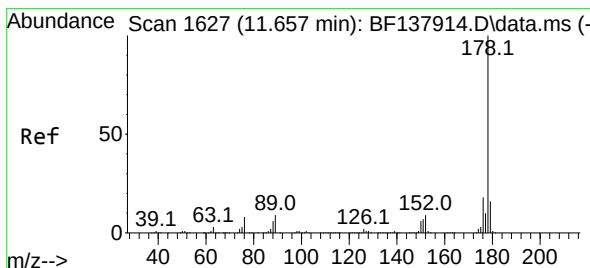
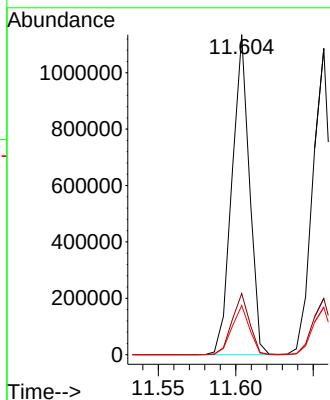
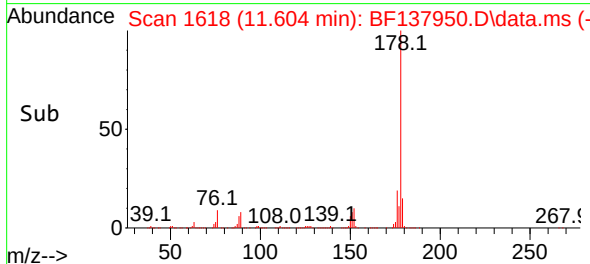
Instrument :
BNA_F
ClientSampleId :
PB160983BS



Tgt Ion:178 Resp: 887021
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.4 12.2 18.4

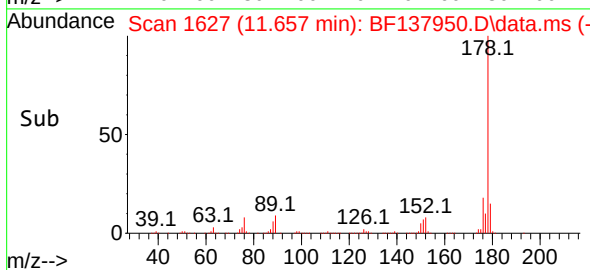
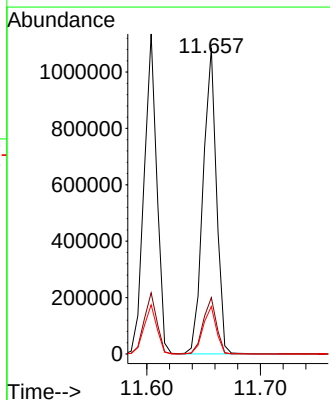
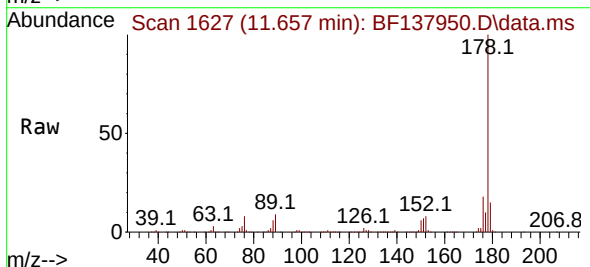
Manual Integrations
APPROVED

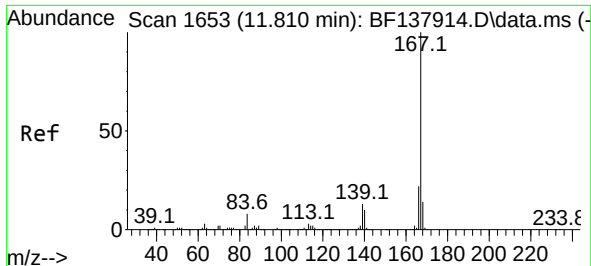
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#72
Anthracene
Concen: 47.466 ng
RT: 11.657 min Scan# 1627
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

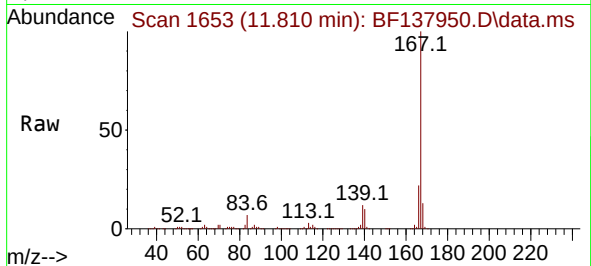
Tgt Ion:178 Resp: 887397
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 44.803 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. -0.000 min
 Lab File: BF137950.D
 Acq: 20 May 2024 09:56

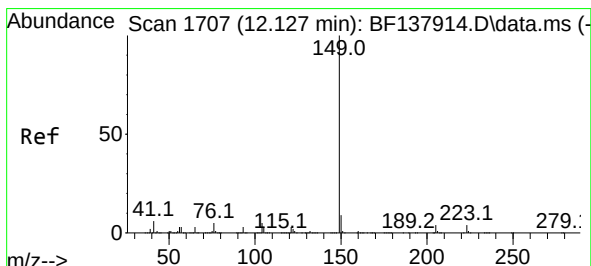
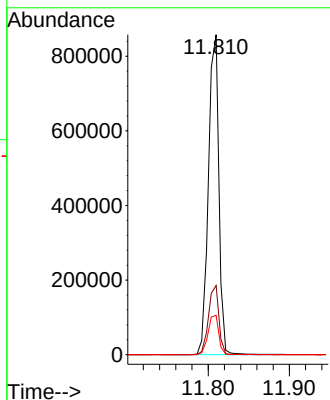
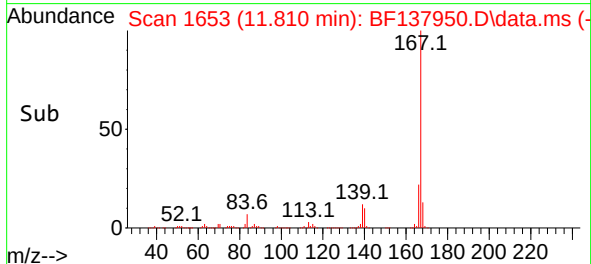
Instrument :
 BNA_F
 ClientSampleId :
 PB160983BS



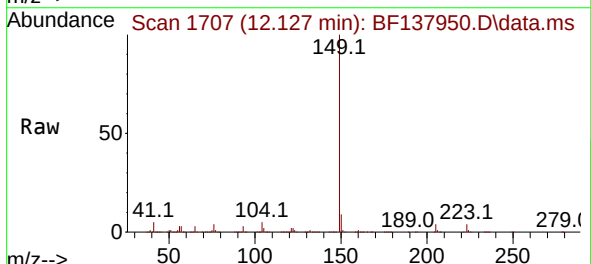
Tgt Ion:167 Resp: 765150
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.3 10.3 15.5

Manual Integrations
 APPROVED

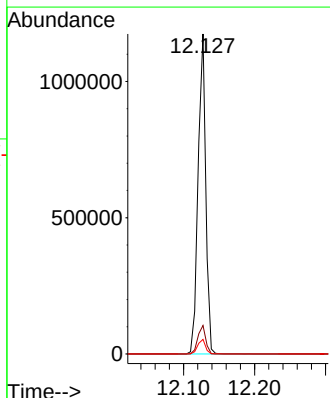
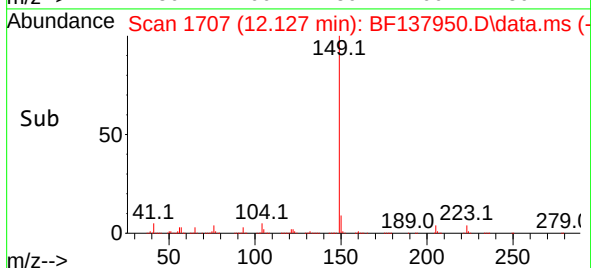
Reviewed By :Jagrut Upadhyay 05/21/2024
 Supervised By :mohammad ahmed 05/22/2024

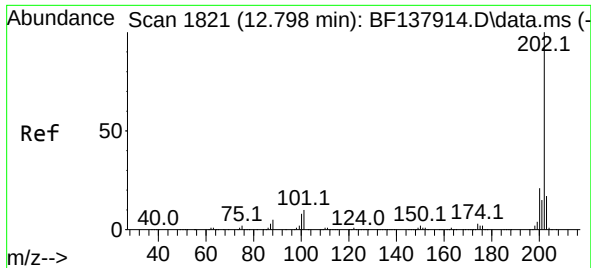


#74
 Di-n-butylphthalate
 Concen: 46.478 ng
 RT: 12.127 min Scan# 1707
 Delta R.T. -0.000 min
 Lab File: BF137950.D
 Acq: 20 May 2024 09:56



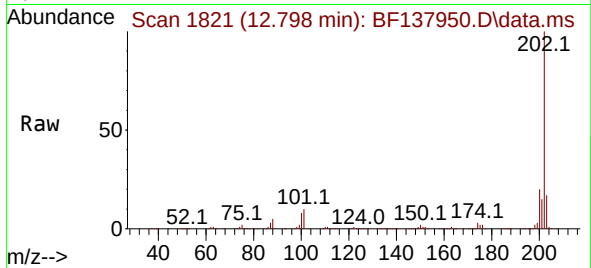
Tgt Ion:149 Resp: 880893
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 4.6 3.6 5.4





#75
Fluoranthene
Concen: 43.288 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

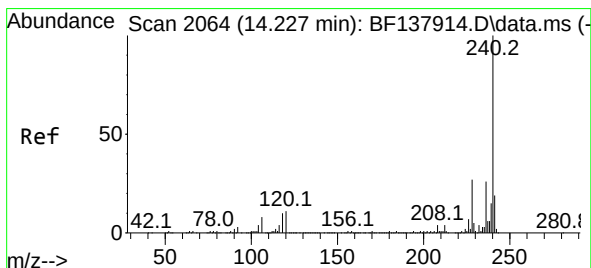
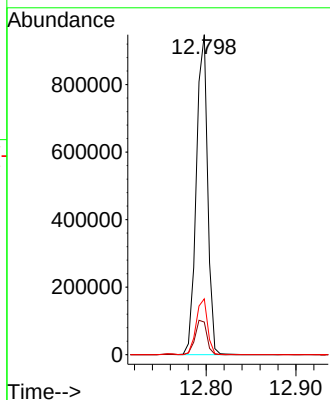
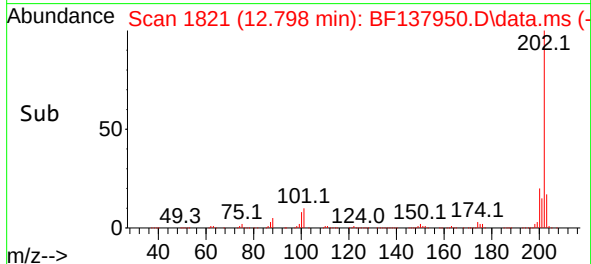
Instrument :
BNA_F
ClientSampleId :
PB160983BS



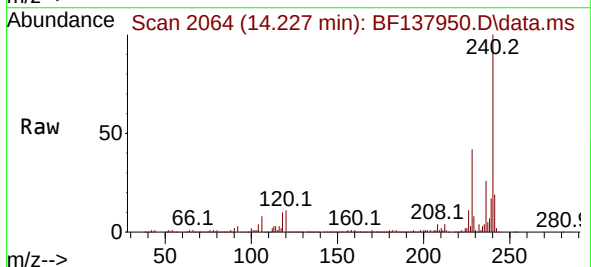
Tgt Ion:202 Resp: 827911
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.5
203 17.5 0.0 37.3

Manual Integrations
APPROVED

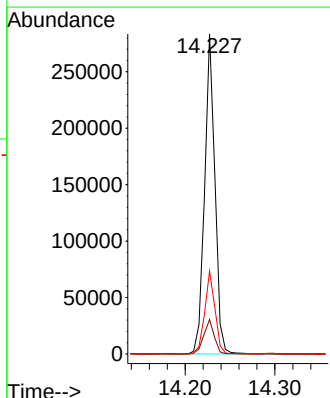
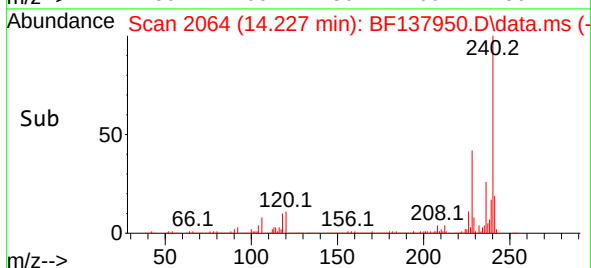
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024

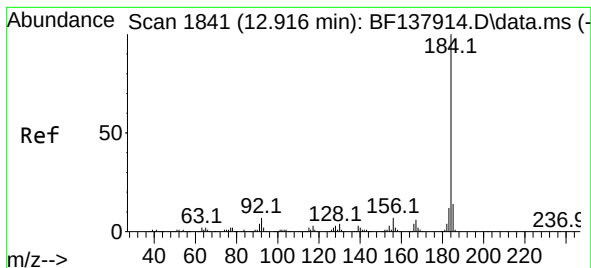


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56



Tgt Ion:240 Resp: 226737
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 25.9 21.0 31.4





#77

Benzidine

Concen: 27.966 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF137950.D

Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

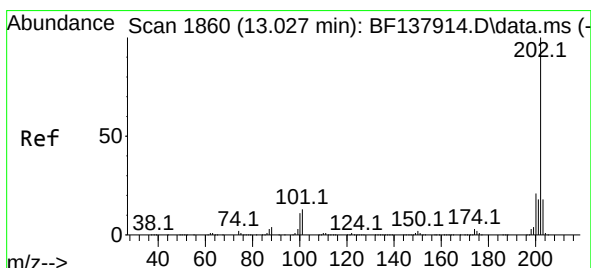
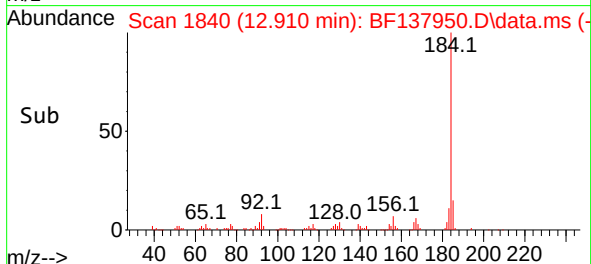
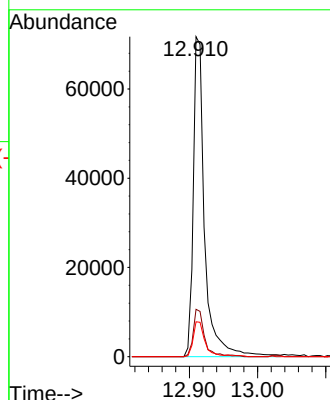
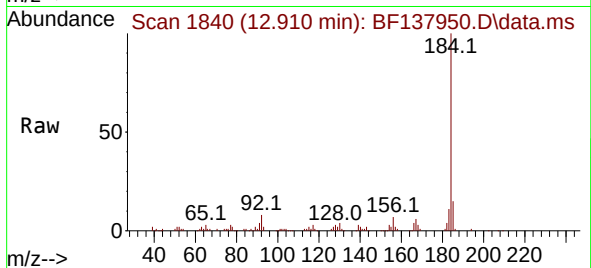
PB160983BS

Tgt Ion:184	Resp:	8286
Ion Ratio	Lower	Upper
184	100	
185	14.8	11.4 17.2
183	10.9	9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#78

Pyrene

Concen: 42.506 ng

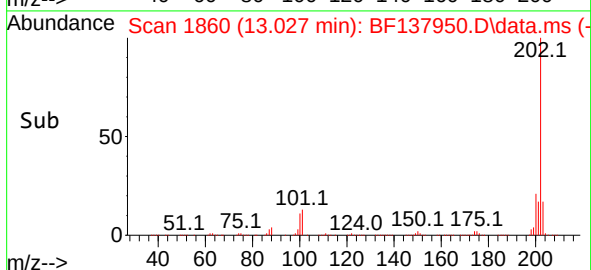
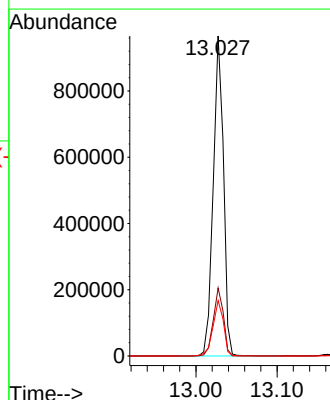
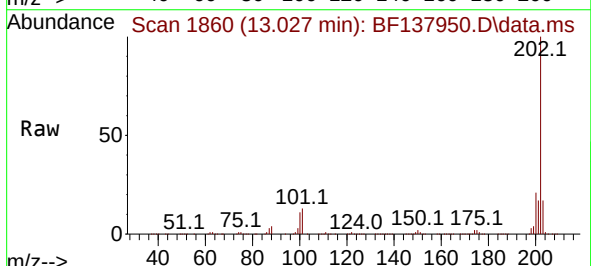
RT: 13.027 min Scan# 1860

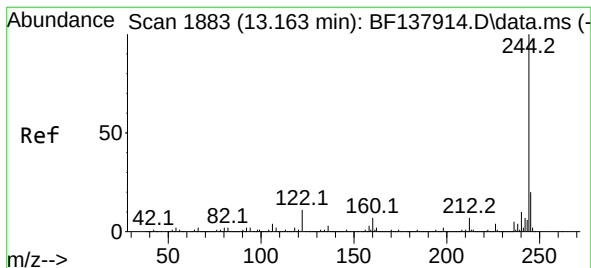
Delta R.T. -0.000 min

Lab File: BF137950.D

Acq: 20 May 2024 09:56

Tgt Ion:202	Resp:	842961
Ion Ratio	Lower	Upper
202	100	
200	21.2	17.0 25.4
203	17.3	14.1 21.1





#79

Terphenyl-d14

Concen: 81.152 ng

RT: 13.163 min Scan# 1883

Delta R.T. -0.000 min

Lab File: BF137950.D

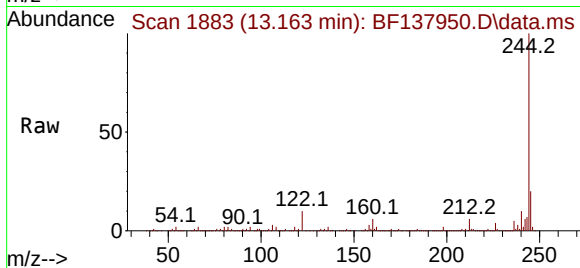
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

PB160983BS



Tgt Ion:244 Resp: 124848

Ion Ratio Lower Upper

244 100

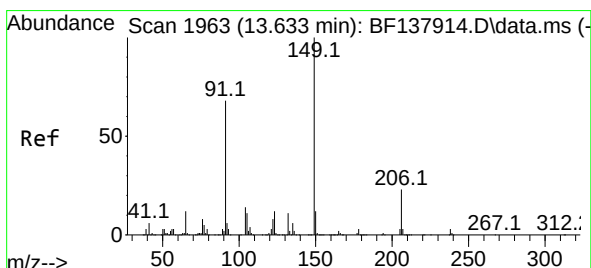
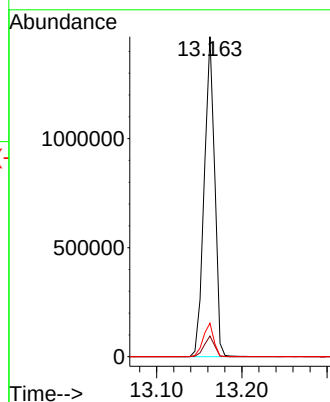
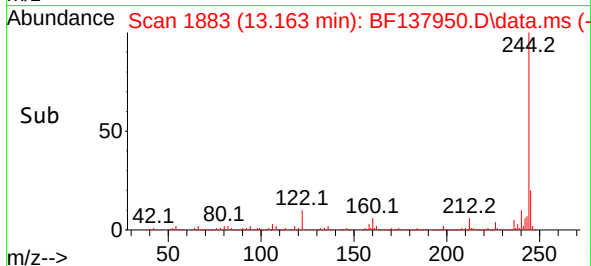
212 6.5 5.6 8.4

122 10.5 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#80

Butylbenzylphthalate

Concen: 47.504 ng

RT: 13.633 min Scan# 1963

Delta R.T. -0.000 min

Lab File: BF137950.D

Acq: 20 May 2024 09:56

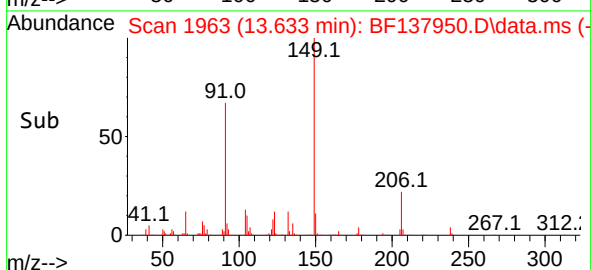
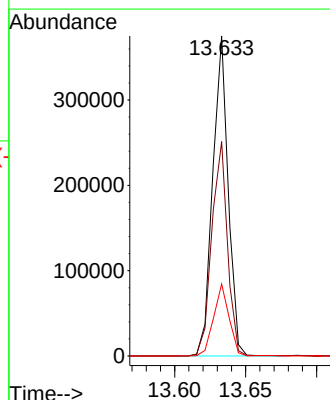
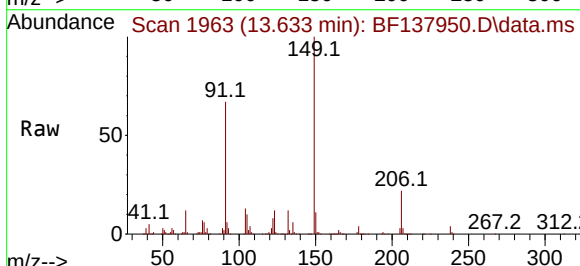
Tgt Ion:149 Resp: 284152

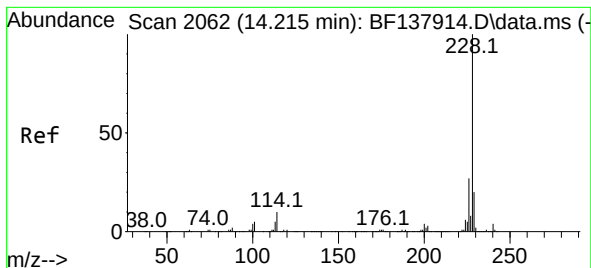
Ion Ratio Lower Upper

149 100

91 67.0 54.2 81.4

206 22.5 18.1 27.1





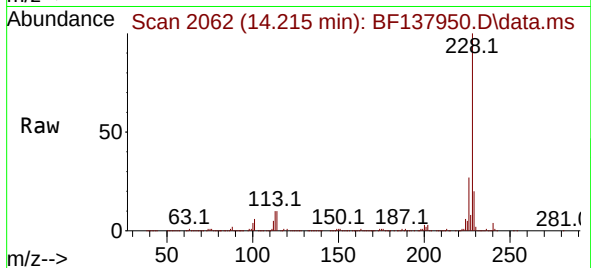
#81
Benzo(a)anthracene
Concen: 48.488 ng
RT: 14.215 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

PB160983BS

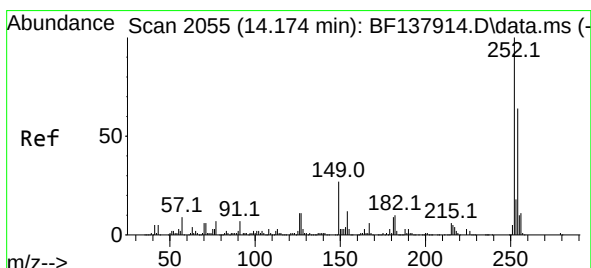
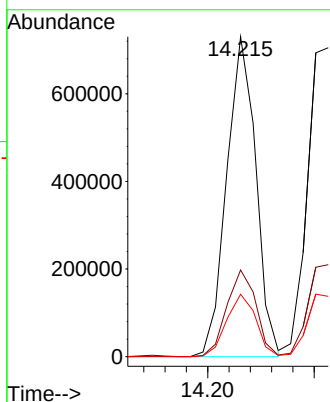
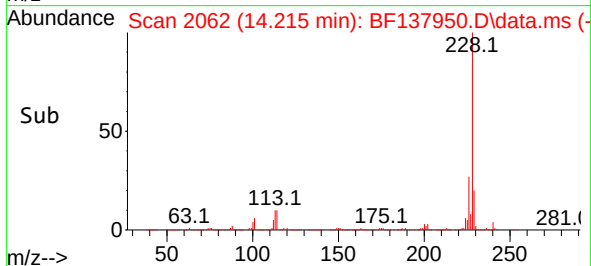


Tgt Ion:228 Resp: 69554
Ion Ratio Lower Upper
228 100
226 27.1 21.3 31.9
229 19.5 15.7 23.5

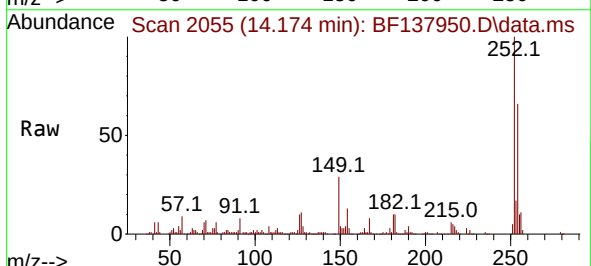
Manual Integrations

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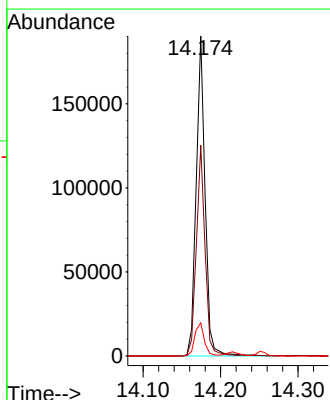
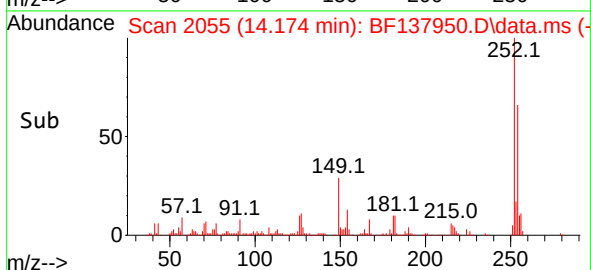
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024

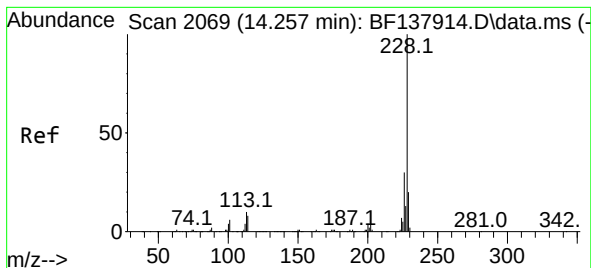


#82
3,3'-Dichlorobenzidine
Concen: 38.366 ng
RT: 14.174 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56



Tgt Ion:252 Resp: 152519
Ion Ratio Lower Upper
252 100
254 65.8 51.2 76.8
126 10.4 8.7 13.1





#83

Chrysene

Concen: 47.743 ng

RT: 14.257 min Scan# 2069

Delta R.T. -0.000 min

Lab File: BF137950.D

Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

PB160983BS

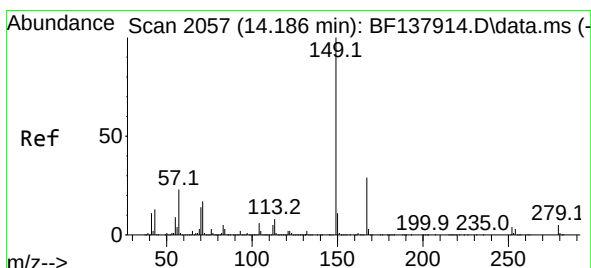
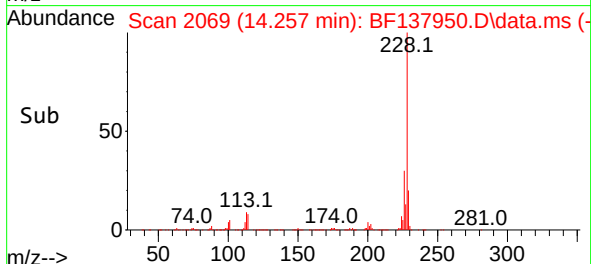
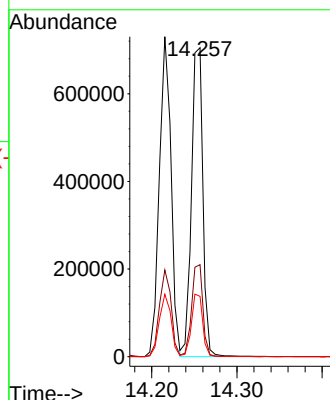
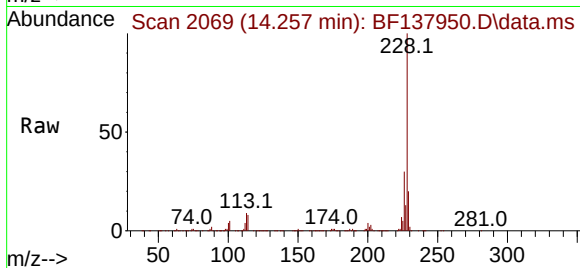
Tgt Ion:228 Resp: 654990

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.5	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.837 ng

RT: 14.186 min Scan# 2057

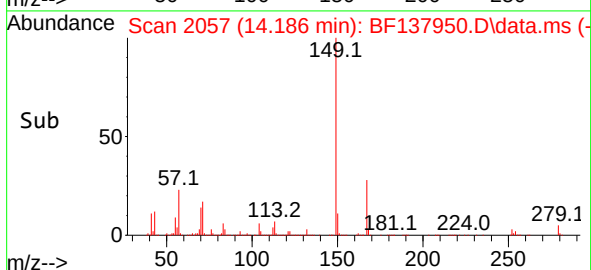
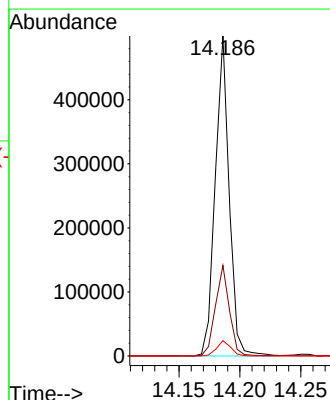
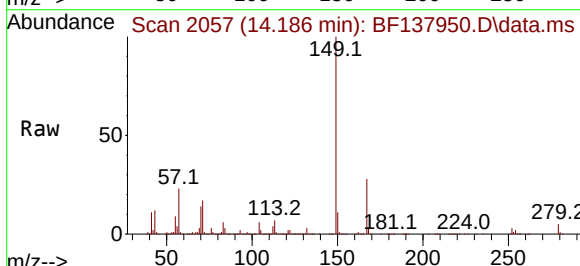
Delta R.T. -0.000 min

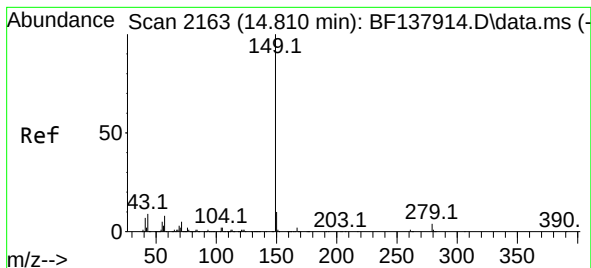
Lab File: BF137950.D

Acq: 20 May 2024 09:56

Tgt Ion:149 Resp: 397299

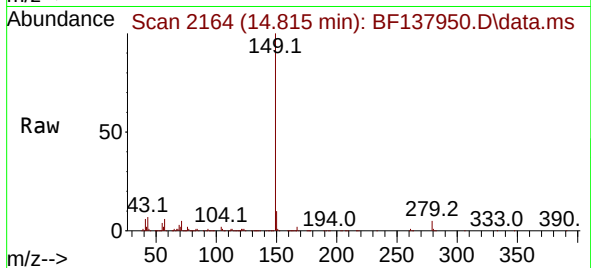
Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.2	34.8
279	4.8	4.1	6.1





#85
Di-n-octyl phthalate
Concen: 64.705 ng
RT: 14.815 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

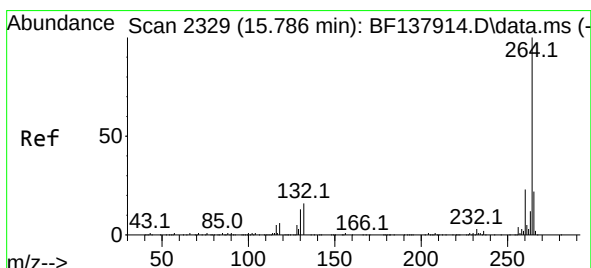
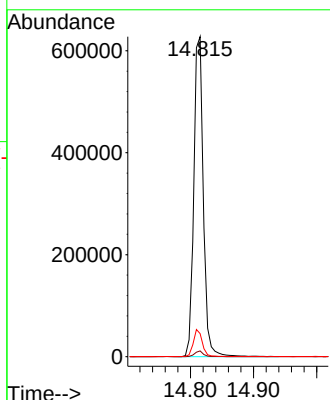
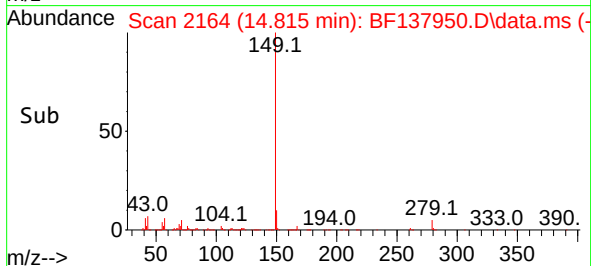
Instrument :
BNA_F
ClientSampleId :
PB160983BS



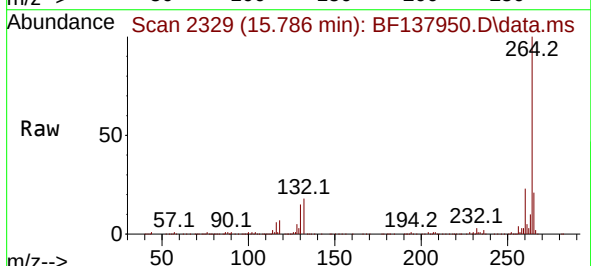
Tgt Ion:149 Resp: 65729
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.0 6.6 9.8

Manual Integrations
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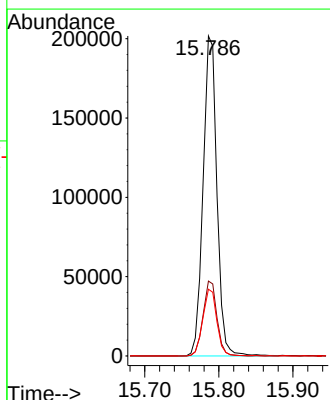
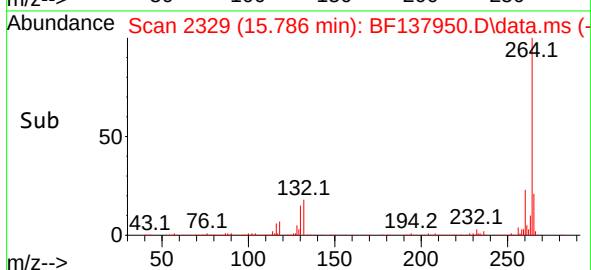
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024

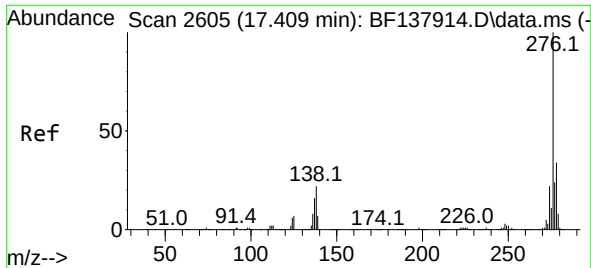


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.786 min Scan# 2329
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56



Tgt Ion:264 Resp: 261502
Ion Ratio Lower Upper
264 100
260 23.4 18.3 27.5
265 20.8 17.6 26.4





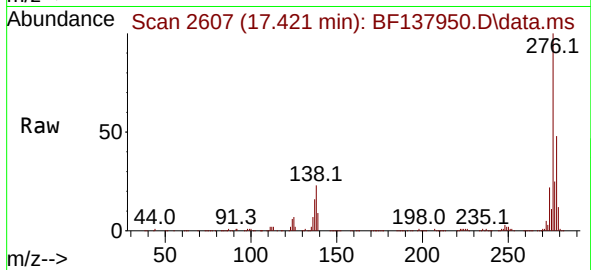
#87
Indeno(1,2,3-cd)pyrene
Concen: 56.200 ng
RT: 17.421 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

PB160983BS

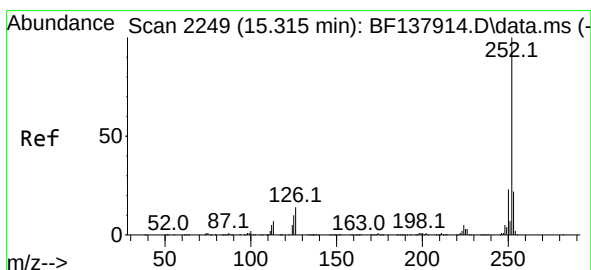
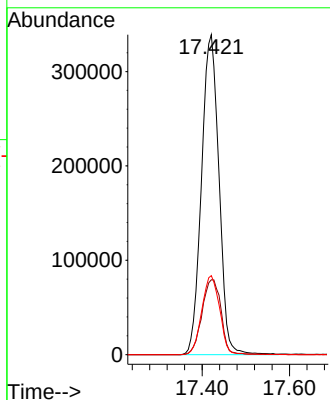
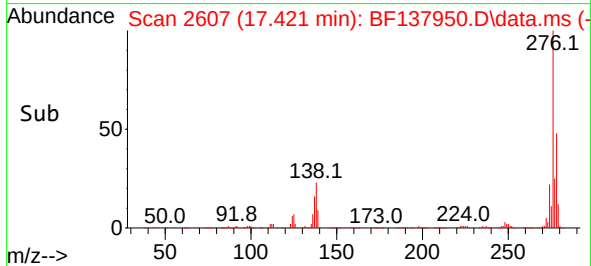


Tgt Ion:276 Resp: 94420
Ion Ratio Lower Upper
276 100
138 25.5 20.6 30.8
277 25.2 20.2 30.2

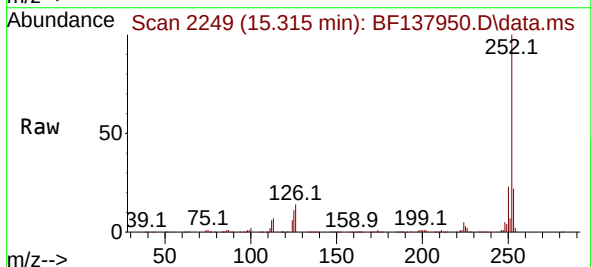
Manual Integrations

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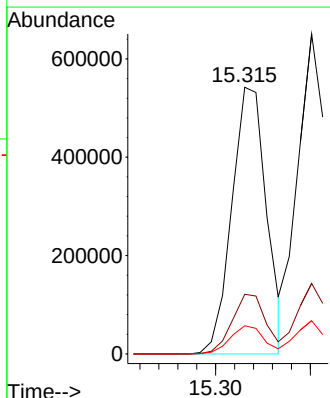
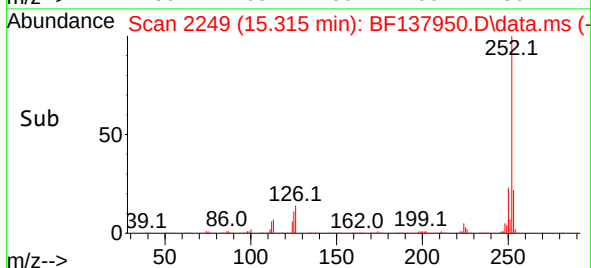
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024

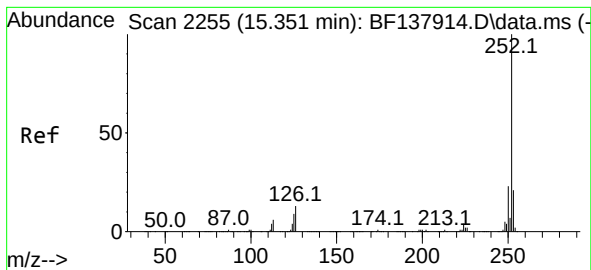


#88
Benzo(b)fluoranthene
Concen: 45.520 ng
RT: 15.315 min Scan# 2249
Delta R.T. -0.000 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56



Tgt Ion:252 Resp: 689223
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 10.5 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 46.826 ng

RT: 15.351 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137950.D

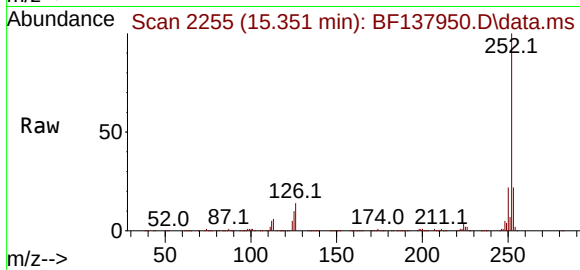
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

PB160983BS



Tgt Ion:252 Resp: 69651

Ion Ratio Lower Upper

252 100

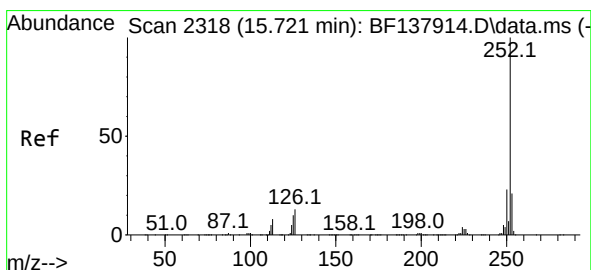
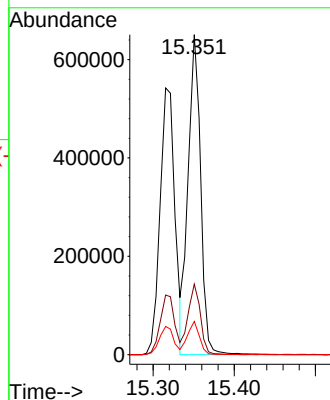
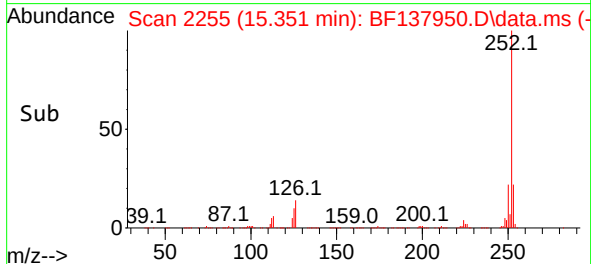
253 22.1 17.4 26.0

125 10.4 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#90

Benzo(a)pyrene

Concen: 50.925 ng

RT: 15.721 min Scan# 2318

Delta R.T. -0.000 min

Lab File: BF137950.D

Acq: 20 May 2024 09:56

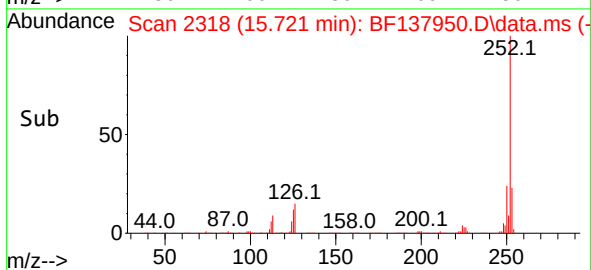
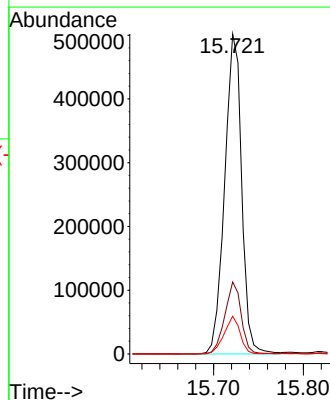
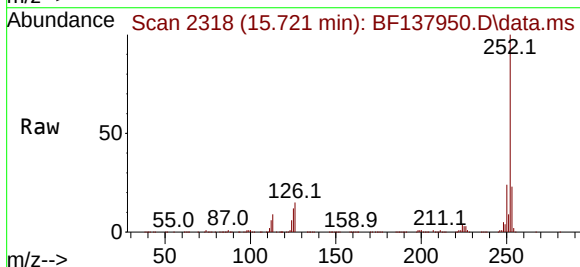
Tgt Ion:252 Resp: 658415

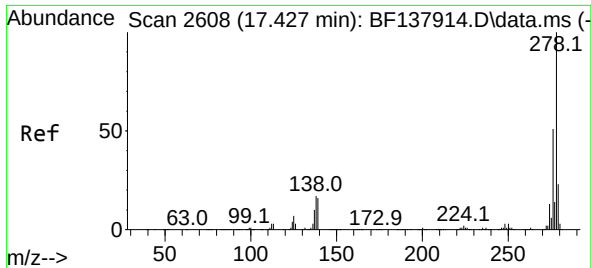
Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

125 11.8 7.8 11.8#





#91
Dibenzo(a,h)anthracene
Concen: 55.704 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.012 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Instrument :

BNA_F

ClientSampleId :

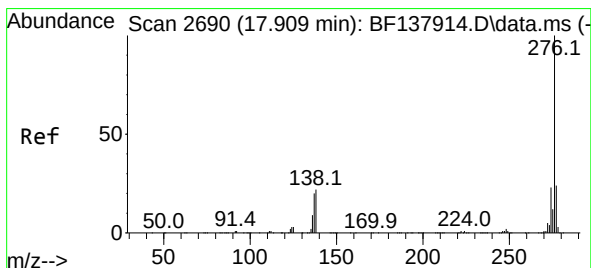
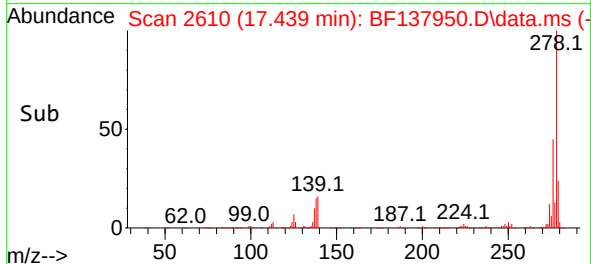
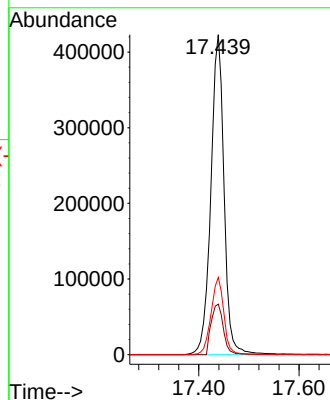
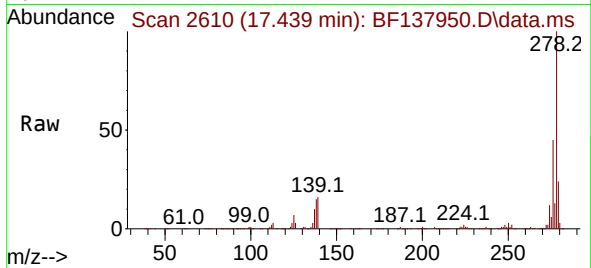
PB160983BS

Tgt Ion:278 Resp: 77323
Ion Ratio Lower Upper
278 100
139 15.8 13.1 19.7
279 24.2 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024



#92
Benzo(g,h,i)perylene
Concen: 52.333 ng
RT: 17.915 min Scan# 2691
Delta R.T. 0.006 min
Lab File: BF137950.D
Acq: 20 May 2024 09:56

Tgt Ion:276 Resp: 763116
Ion Ratio Lower Upper
276 100
277 24.0 18.9 28.3
138 22.4 17.6 26.4

