

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
 Data File : BF137787.D
 Acq On : 01 May 2024 12:12
 Operator : CG\JU
 Sample : PB160621BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160621BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024

Quant Time: May 01 12:43:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	237438	20.000	ng	0.00
21) Naphthalene-d8	8.346	136	969051	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	550848	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	958705	20.000	ng	0.00
76) Chrysene-d12	14.257	240	629865	20.000	ng	# 0.00
86) Perylene-d12	15.827	264	533306	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	1755816	123.811	ng	0.02
7) Phenol-d6	6.675	99	2177058	121.030	ng	0.00
23) Nitrobenzene-d5	7.622	82	1360193	81.549	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	708856	126.035	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2766954	81.493	ng	0.00
79) Terphenyl-d14	13.192	244	3128000	83.226	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.087	88	224483	35.152	ng	99
3) Pyridine	3.822	79	580842	37.581	ng	98
4) n-Nitrosodimethylamine	3.787	42	290180	41.694	ng	97
6) Aniline	6.722	93	629805	35.326	ng	99
8) 2-Chlorophenol	6.846	128	695837	45.024	ng	98
9) Benzaldehyde	6.610	77	379430	39.170	ng	97
10) Phenol	6.693	94	803571	43.598	ng	97
11) bis(2-Chloroethyl)ether	6.793	93	623835	43.226	ng	99
12) 1,3-Dichlorobenzene	6.999	146	722156	41.437	ng	99
13) 1,4-Dichlorobenzene	7.075	146	727558	41.605	ng	99
14) 1,2-Dichlorobenzene	7.228	146	697658	42.358	ng	98
15) Benzyl Alcohol	7.193	79	574546	46.188	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.322	45	881392	43.449	ng	99
17) 2-Methylphenol	7.299	107	554295	44.449	ng	99
18) Hexachloroethane	7.575	117	254405	43.034	ng	98
19) n-Nitroso-di-n-propyla...	7.463	70	462648	43.038	ng	99
20) 3+4-Methylphenols	7.452	107	707565	43.126	ng	# 86
22) Acetophenone	7.463	105	924006	42.397	ng	100
24) Nitrobenzene	7.640	77	696377	40.509	ng	99
25) Isophorone	7.875	82	1277874	42.492	ng	100
26) 2-Nitrophenol	7.957	139	373162	47.935	ng	96
27) 2,4-Dimethylphenol	7.981	122	522001	46.577	ng	96
28) bis(2-Chloroethoxy)met...	8.081	93	770035	42.290	ng	100
29) 2,4-Dichlorophenol	8.193	162	599268	44.238	ng	99
30) 1,2,4-Trichlorobenzene	8.281	180	618916	41.911	ng	100
31) Naphthalene	8.369	128	1980526	41.126	ng	99
32) Benzoic acid	8.099	122	448240	46.361	ng	94
33) 4-Chloroaniline	8.404	127	325929	18.251	ng	99
34) Hexachlorobutadiene	8.475	225	367246	40.506	ng	98
35) Caprolactam	8.781	113	193934m	45.185	ng	
36) 4-Chloro-3-methylphenol	8.881	107	615358	43.561	ng	95
37) 2-Methylnaphthalene	9.057	142	1313421	42.134	ng	100
38) 1-Methylnaphthalene	9.157	142	1216949	39.681	ng	99
40) 1,2,4,5-Tetrachloroben...	9.222	216	618222	42.374	ng	99
41) Hexachlorocyclopentadiene	9.210	237	741779	125.175	ng	99
43) 2,4,6-Trichlorophenol	9.334	196	440005	44.305	ng	98

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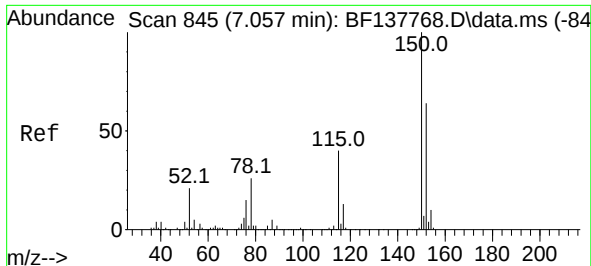
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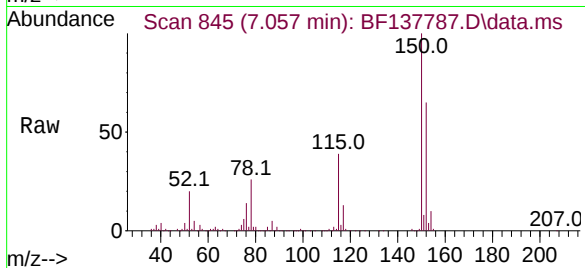
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	473592	43.188	ng	95
46) 1,1'-Biphenyl	9.522	154	1604112	42.433	ng	99
47) 2-Chloronaphthalene	9.551	162	1259102	41.254	ng	99
48) 2-Nitroaniline	9.646	65	372502	45.002	ng	94
49) Acenaphthylene	9.969	152	1991084	45.098	ng	99
50) Dimethylphthalate	9.822	163	1511341	43.461	ng	100
51) 2,6-Dinitrotoluene	9.887	165	341158	42.929	ng	89
52) Acenaphthene	10.146	154	1331993	45.515	ng	99
53) 3-Nitroaniline	10.057	138	226864	27.260	ng	99
54) 2,4-Dinitrophenol	10.163	184	381169	97.614	ng	94
55) Dibenzofuran	10.316	168	1793176	42.106	ng	99
56) 4-Nitrophenol	10.210	139	575417	83.424	ng	96
57) 2,4-Dinitrotoluene	10.293	165	464108	44.702	ng	96
58) Fluorene	10.663	166	1419484	41.881	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.428	232	395837	44.462	ng	99
60) Diethylphthalate	10.522	149	1409519	42.678	ng	99
61) 4-Chlorophenyl-phenyle...	10.645	204	703037	42.098	ng	99
62) 4-Nitroaniline	10.681	138	353698	41.901	ng	98
63) Azobenzene	10.810	77	1365967	42.793	ng	96
65) 4,6-Dinitro-2-methylph...	10.698	198	264732	48.110	ng	97
66) n-Nitrosodiphenylamine	10.769	169	1256482	43.783	ng	99
67) 4-Bromophenyl-phenylether	11.140	248	443190	43.195	ng	96
68) Hexachlorobenzene	11.210	284	472939	42.180	ng	# 92
69) Atrazine	11.292	200	427773	48.887	ng	100
70) Pentachlorophenol	11.398	266	609987	79.241	ng	99
71) Phenanthrene	11.628	178	2009324	43.000	ng	99
72) Anthracene	11.681	178	2058642	44.277	ng	100
73) Carbazole	11.834	167	1866224	41.648	ng	100
74) Di-n-butylphthalate	12.151	149	2132508	43.628	ng	100
75) Fluoranthene	12.822	202	2087908	40.875	ng	99
77) Benzidine	12.939	184	806596	55.370	ng	98
78) Pyrene	13.057	202	2113651	42.323	ng	100
80) Butylbenzylphthalate	13.657	149	805262	50.820	ng	98
81) Benzo(a)anthracene	14.245	228	1796803	44.602	ng	100
82) 3,3'-Dichlorobenzidine	14.198	252	353488	29.310	ng	99
83) Chrysene	14.281	228	1651527	43.783	ng	99
84) Bis(2-ethylhexyl)phtha...	14.210	149	1074596	53.812	ng	99
85) Di-n-octyl phthalate	14.845	149	1617413	60.182	ng	99
87) Indeno(1,2,3-cd)pyrene	17.474	276	1341359	44.240	ng	99
88) Benzo(b)fluoranthene	15.357	252	1439260	43.376	ng	100
89) Benzo(k)fluoranthene	15.386	252	1389492	43.326	ng	99
90) Benzo(a)pyrene	15.763	252	1249198	46.147	ng	100
91) Dibenzo(a,h)anthracene	17.492	278	1084948	43.961	ng	99
92) Benzo(g,h,i)perylene	17.974	276	1037576	40.104	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

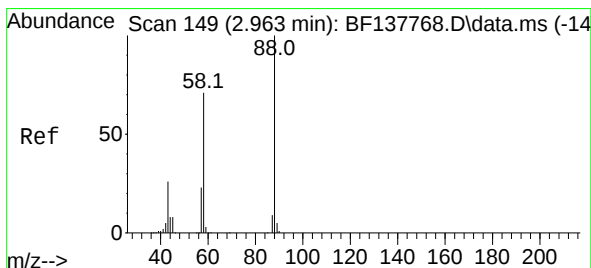
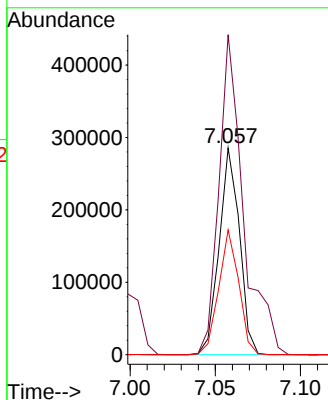
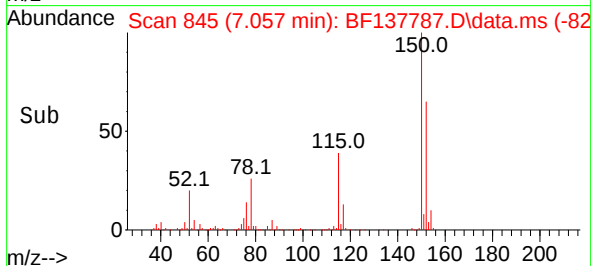
Instrument :
BNA_F
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PB160621BS



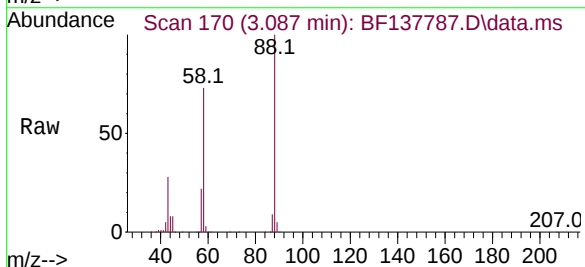
Tgt Ion:152 Resp: 237438
Ion Ratio Lower Upper
152 100
150 154.8 124.1 186.1
115 60.4 49.1 73.7

Manual Integrations
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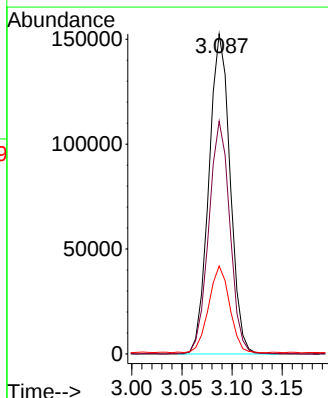
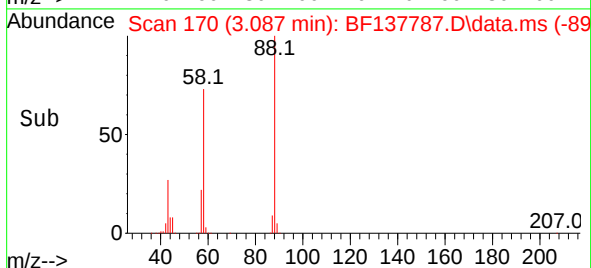
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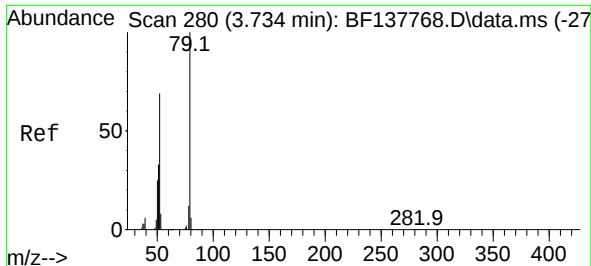


#2
1,4-Dioxane
Concen: 35.152 ng
RT: 3.087 min Scan# 170
Delta R.T. 0.124 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12



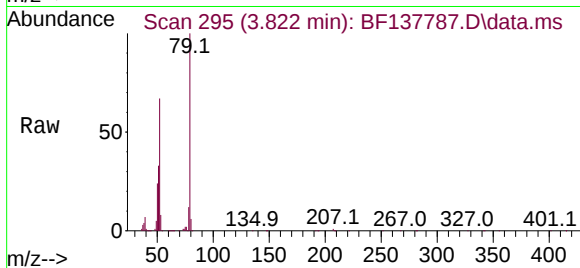
Tgt Ion: 88 Resp: 224483
Ion Ratio Lower Upper
88 100
58 72.6 58.8 88.2
43 26.8 21.4 32.0





#3
Pyridine
Concen: 37.581 ng
RT: 3.822 min Scan# 20
Delta R.T. 0.089 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

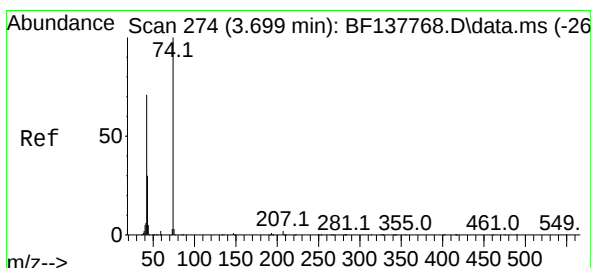
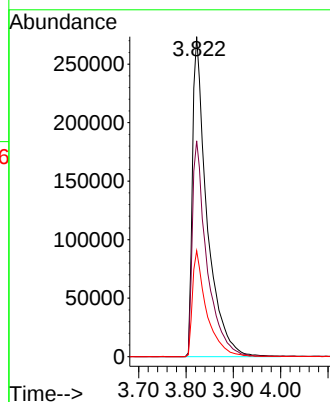
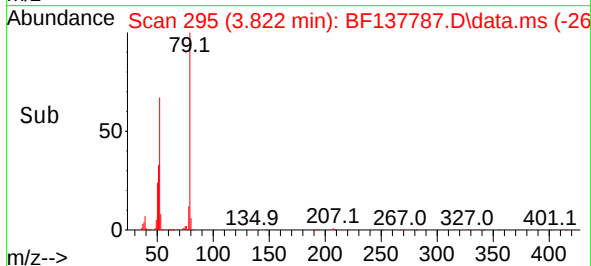
Instrument :
BNA_F
ClientSampleId :
PB160621BS



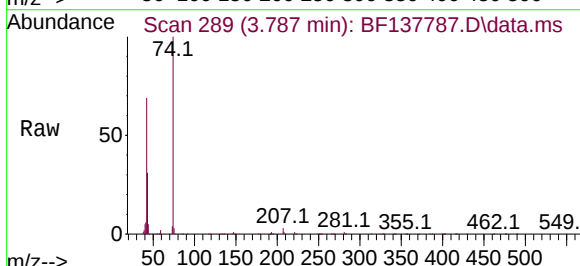
Tgt Ion: 79 Resp: 58084
Ion Ratio Lower Upper
79 100
52 67.4 55.5 83.3
51 33.1 26.9 40.3

Manual Integrations
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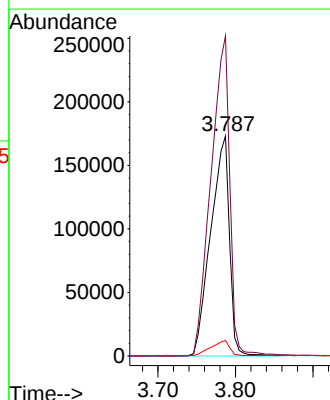
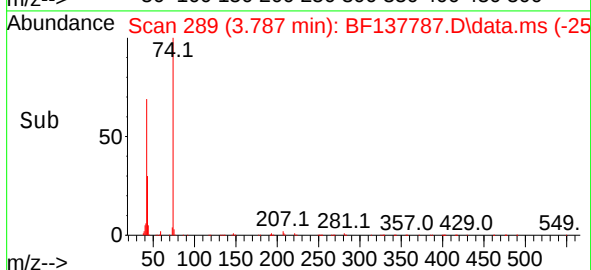
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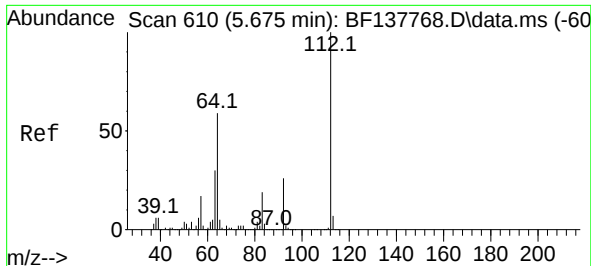


#4
n-Nitrosodimethylamine
Concen: 41.694 ng
RT: 3.787 min Scan# 289
Delta R.T. 0.089 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12



Tgt Ion: 42 Resp: 290180
Ion Ratio Lower Upper
42 100
74 145.4 112.9 169.3
44 7.1 5.6 8.4





#5
2-Fluorophenol
Concen: 123.811 ng
RT: 5.699 min Scan# 610
Delta R.T. 0.024 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

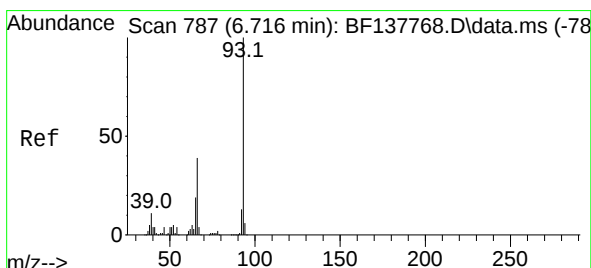
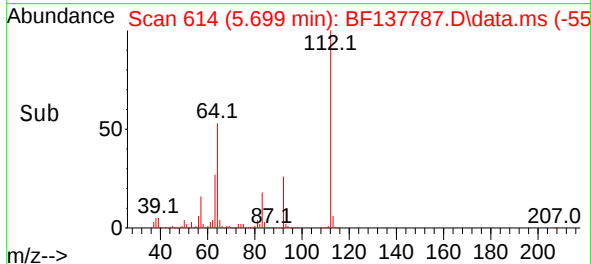
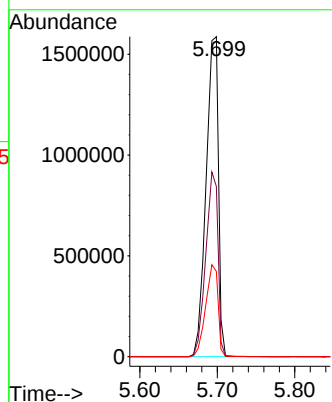
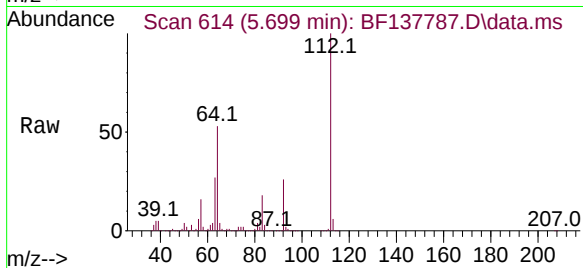
PB160621BS

Tgt Ion:112 Resp: 1755810
Ion Ratio Lower Upper
112 100
64 53.2 47.3 70.9
63 26.7 23.7 35.5

Manual Integrations

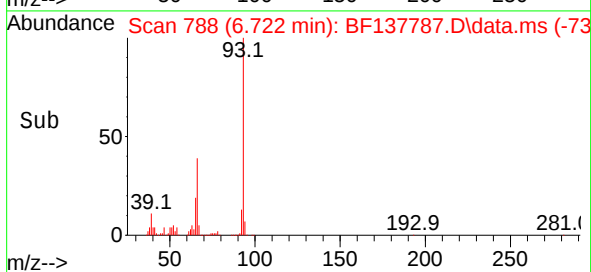
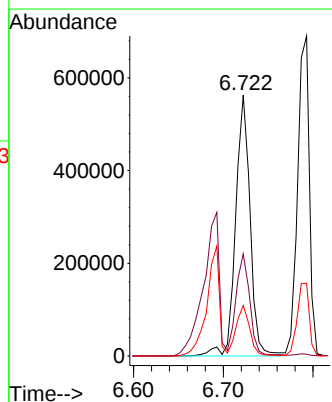
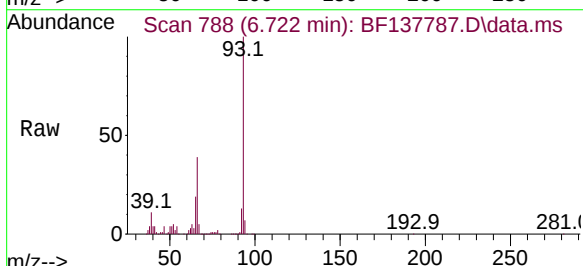
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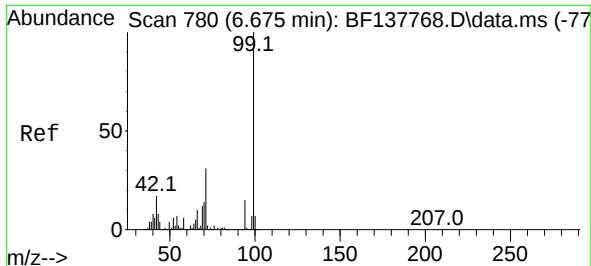
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#6
Aniline
Concen: 35.326 ng
RT: 6.722 min Scan# 788
Delta R.T. 0.006 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

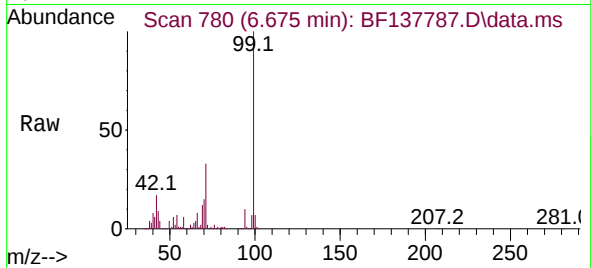
Tgt Ion: 93 Resp: 629805
Ion Ratio Lower Upper
93 100
66 39.2 31.8 47.6
65 19.3 15.4 23.2





#7
Phenol-d6
Concen: 121.030 ng
RT: 6.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

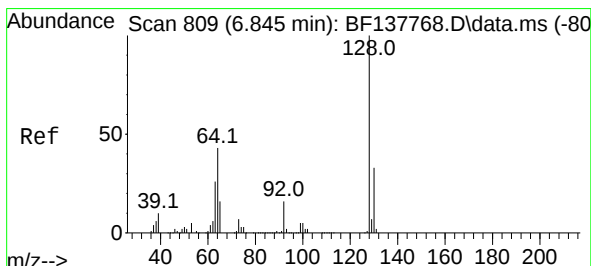
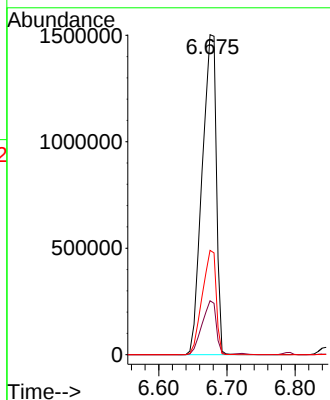
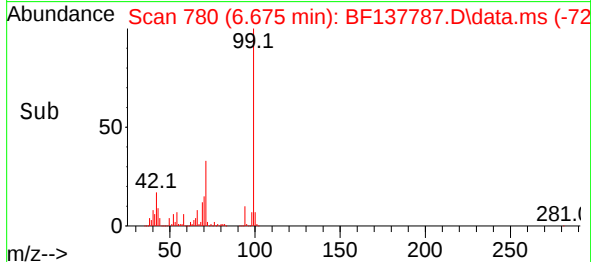
Instrument :
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Tgt Ion: 99 Resp: 2177058
Ion Ratio Lower Upper
99 100
42 16.9 13.2 19.8
71 32.6 25.0 37.4

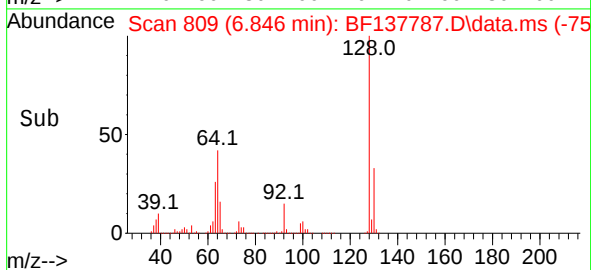
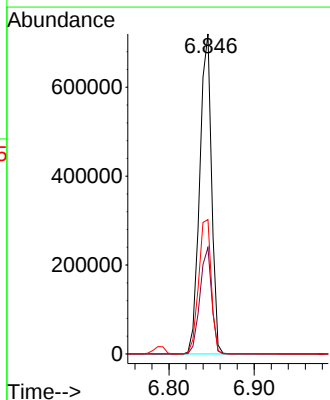
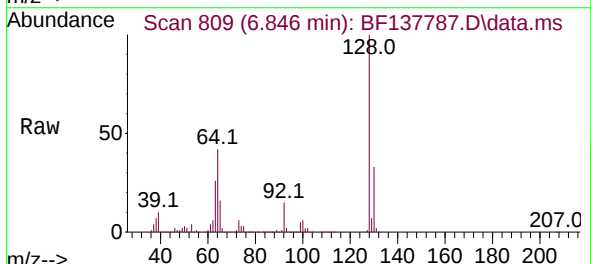
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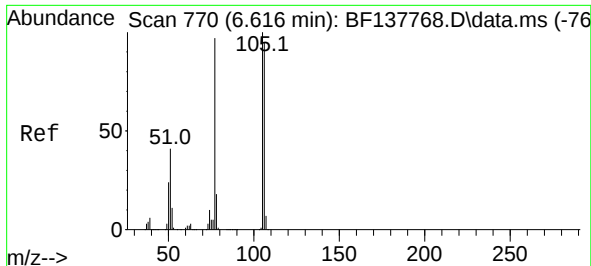
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#8
2-Chlorophenol
Concen: 45.024 ng
RT: 6.846 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Tgt Ion:128 Resp: 695837
Ion Ratio Lower Upper
128 100
130 33.3 12.5 52.5
64 42.0 23.9 63.9





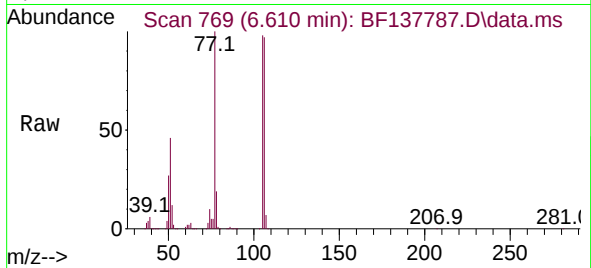
#9
Benzaldehyde
Concen: 39.170 ng
RT: 6.610 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB160621BS

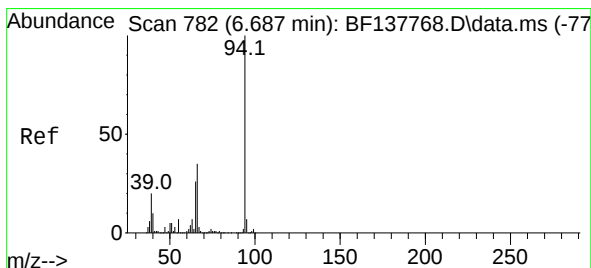
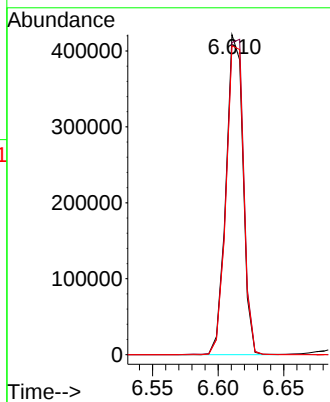
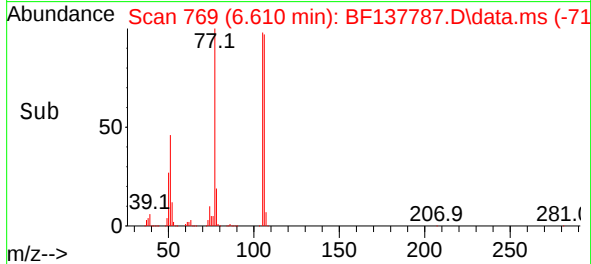


Tgt Ion: 77 Resp: 379430
Ion Ratio Lower Upper
77 100
105 97.5 83.2 123.2
106 96.5 77.7 117.7

Manual Integrations

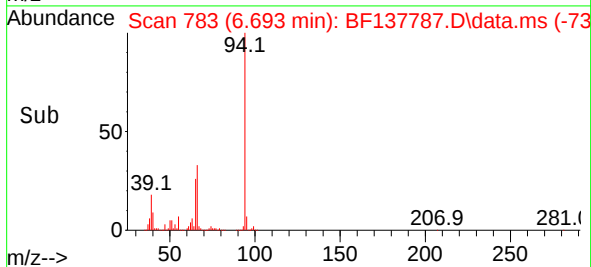
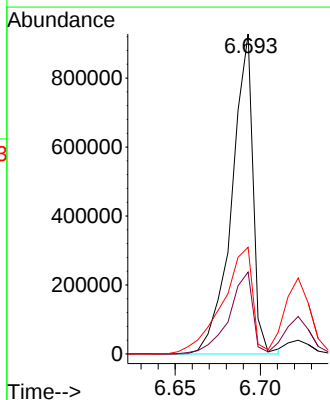
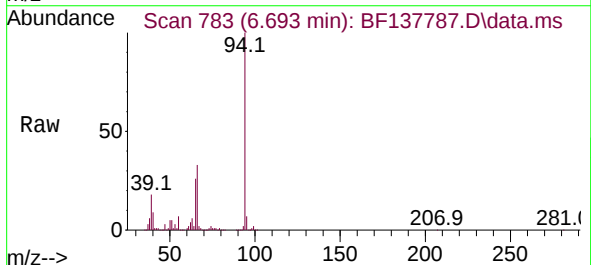
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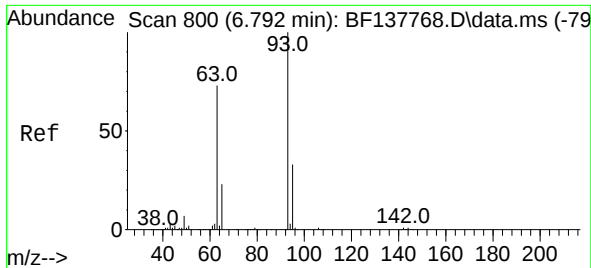
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#10
Phenol
Concen: 43.598 ng
RT: 6.693 min Scan# 783
Delta R.T. 0.006 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Tgt Ion: 94 Resp: 803571
Ion Ratio Lower Upper
94 100
65 25.6 6.4 46.4
66 33.4 15.4 55.4





#11
bis(2-Chloroethyl)ether
Concen: 43.226 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

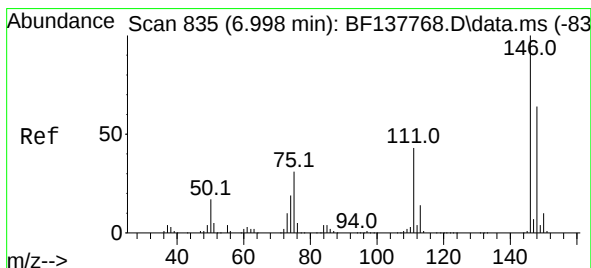
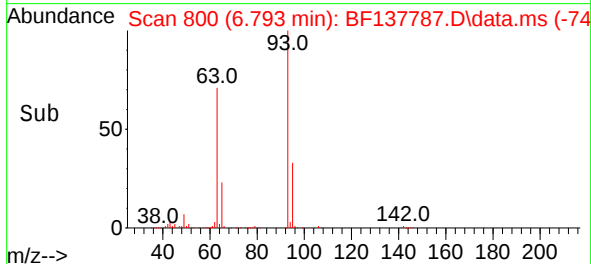
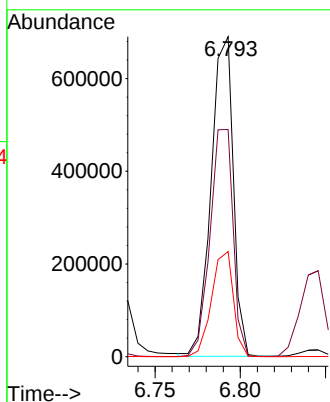
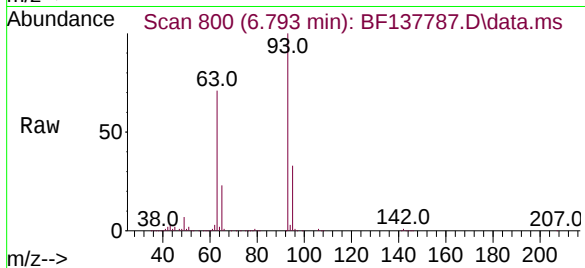
PB160621BS

Tgt Ion: 93 Resp: 623835
Ion Ratio Lower Upper
93 100
63 71.0 51.6 91.6
95 32.8 12.1 52.1

Manual Integrations

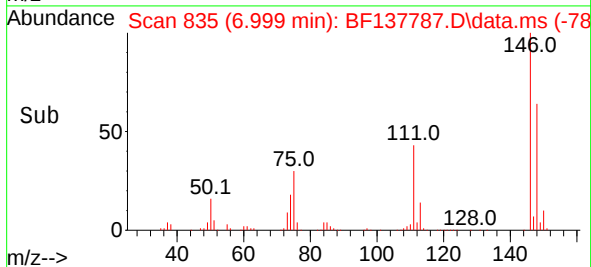
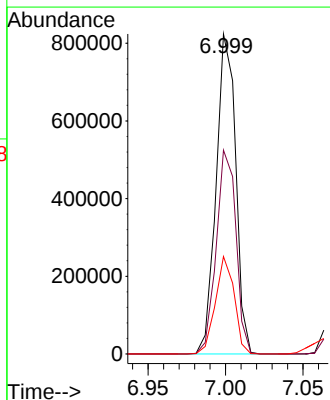
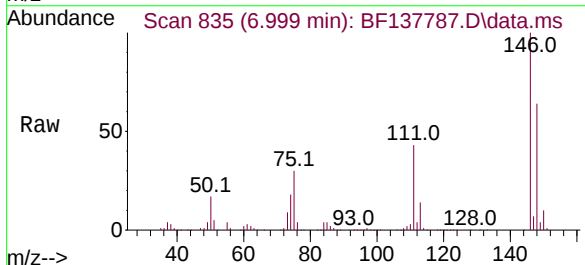
APPROVED

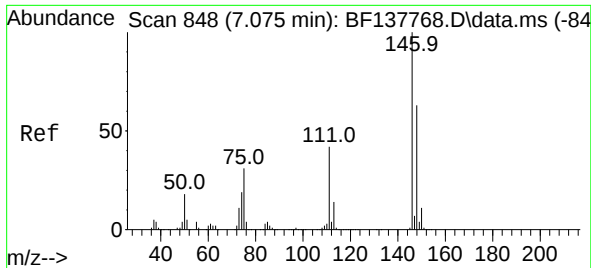
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#12
1,3-Dichlorobenzene
Concen: 41.437 ng
RT: 6.999 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Tgt Ion:146 Resp: 722156
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
75 30.4 25.1 37.7





#13

1,4-Dichlorobenzene

Concen: 41.605 ng

RT: 7.075 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB160621BS

Tgt Ion:146 Resp: 72755

Ion Ratio Lower Upper

146 100

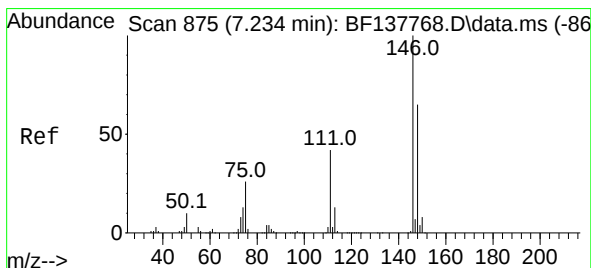
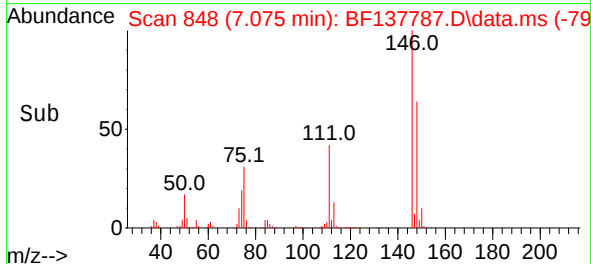
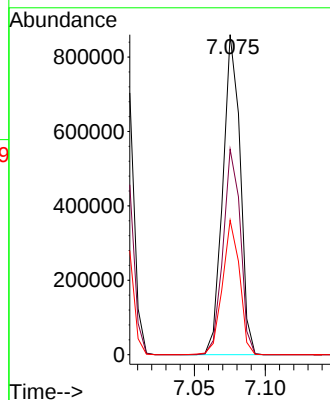
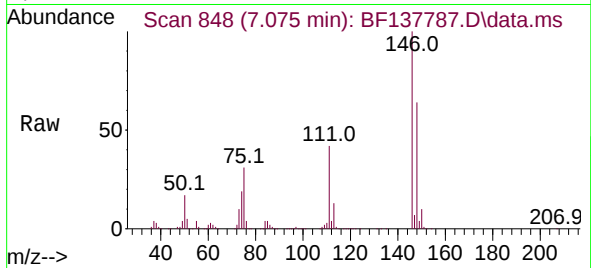
148 64.2 50.7 76.1

111 42.0 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#14

1,2-Dichlorobenzene

Concen: 42.358 ng

RT: 7.228 min Scan# 874

Delta R.T. -0.006 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

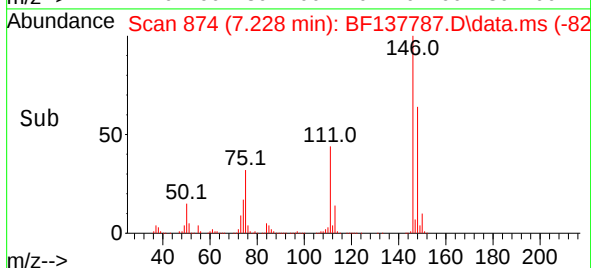
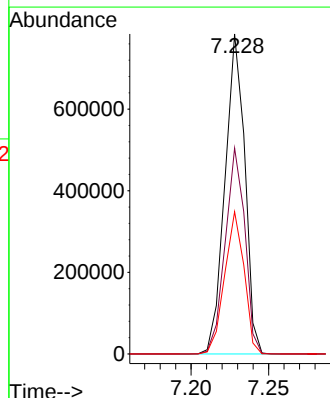
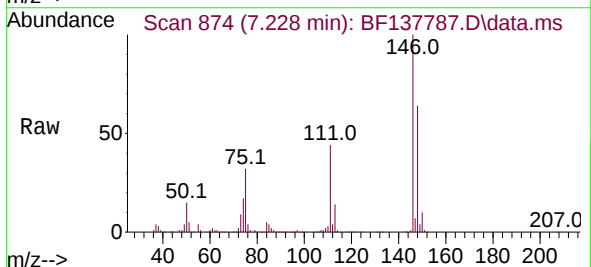
Tgt Ion:146 Resp: 697658

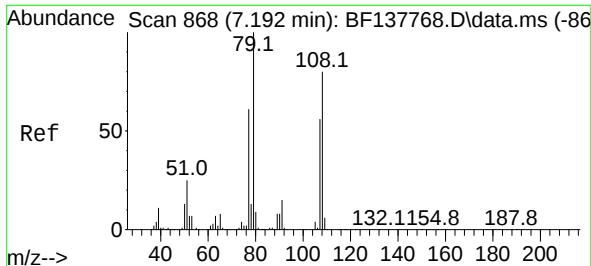
Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

111 44.4 33.6 50.4





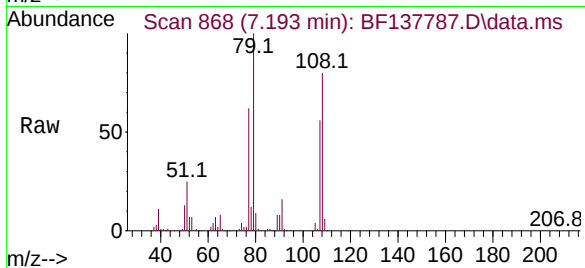
#15
Benzyl Alcohol
Concen: 46.188 ng
RT: 7.193 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB160621BS

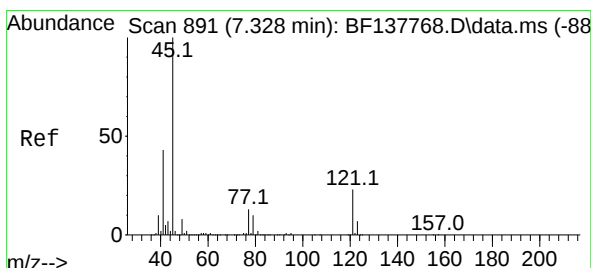
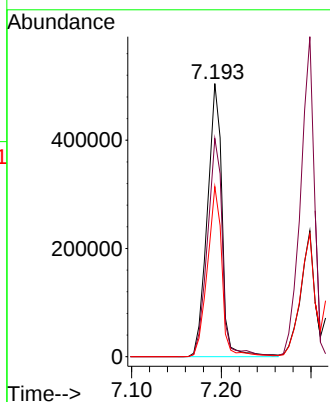
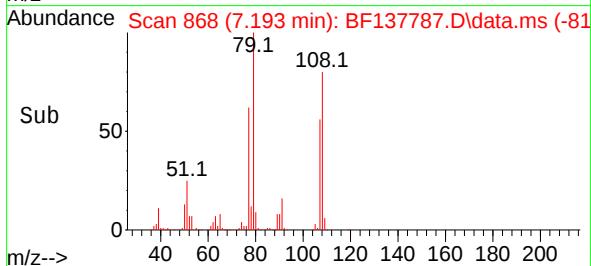


Tgt Ion: 79 Resp: 574540
Ion Ratio Lower Upper
79 100
108 79.9 64.2 96.2
77 62.3 48.5 72.7

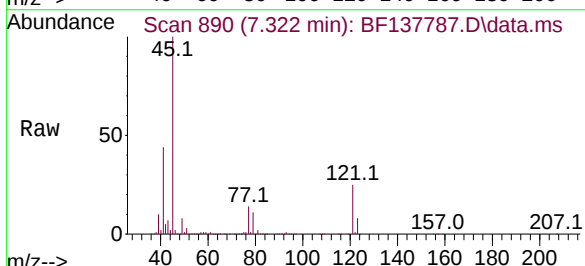
Manual Integrations

APPROVED

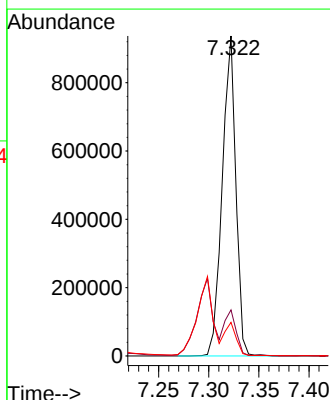
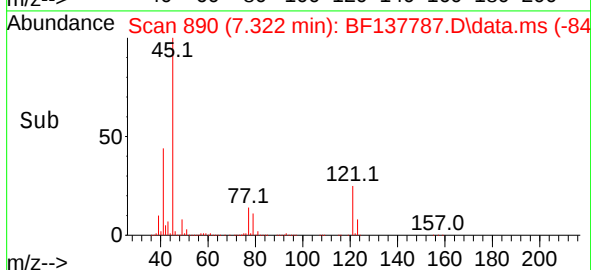
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

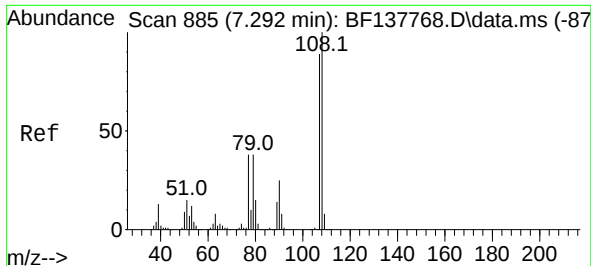


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.449 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12



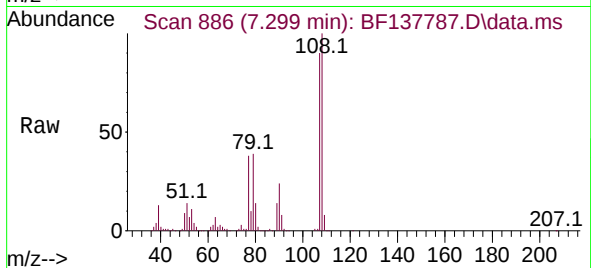
Tgt Ion: 45 Resp: 881392
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.8
79 10.5 0.0 31.0





#17
2-Methylphenol
Concen: 44.449 ng
RT: 7.299 min Scan# 885
Delta R.T. 0.006 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

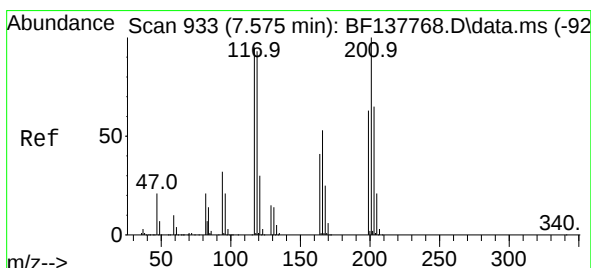
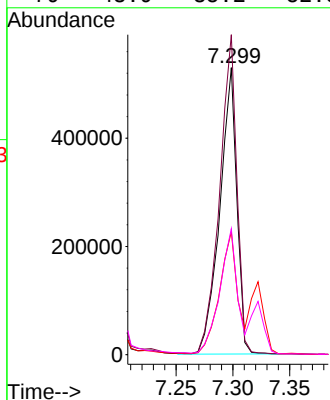
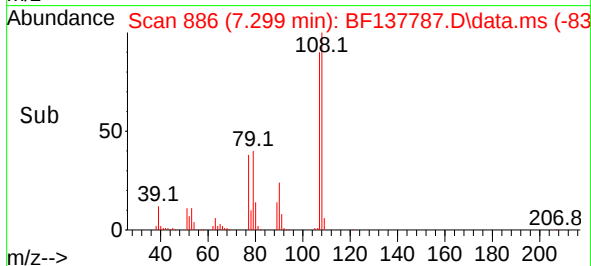
Instrument :
BNA_F
ClientSampleId :
PB160621BS



Tgt Ion:107 Resp: 554294
Ion Ratio Lower Upper
107 100
108 111.5 90.5 135.7
77 42.8 34.5 51.7
79 43.9 35.2 52.8

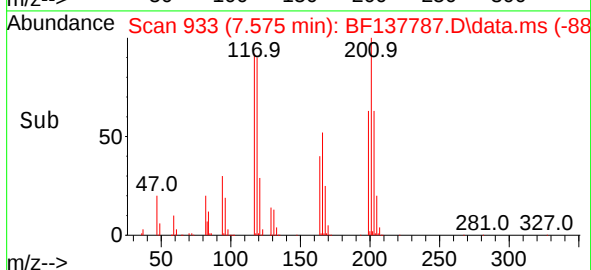
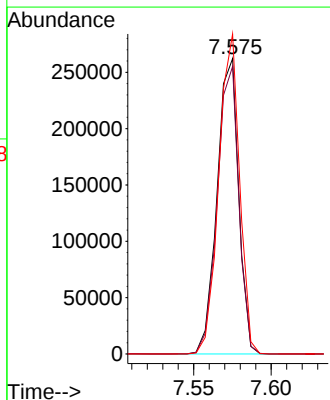
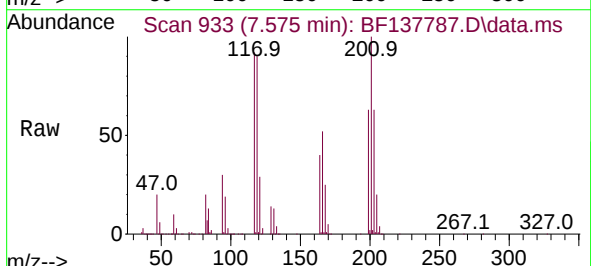
Manual Integrations
APPROVED

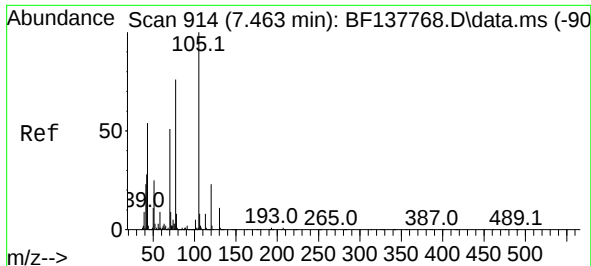
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#18
Hexachloroethane
Concen: 43.034 ng
RT: 7.575 min Scan# 933
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Tgt Ion:117 Resp: 254405
Ion Ratio Lower Upper
117 100
119 97.3 77.6 116.4
201 108.3 83.8 125.8





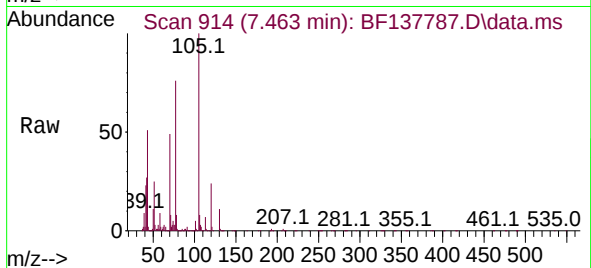
#19
n-Nitroso-di-n-propylamine
Concen: 43.038 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB160621BS

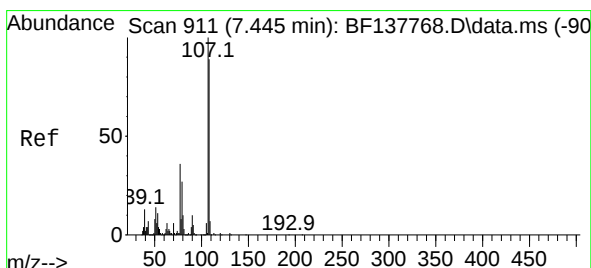
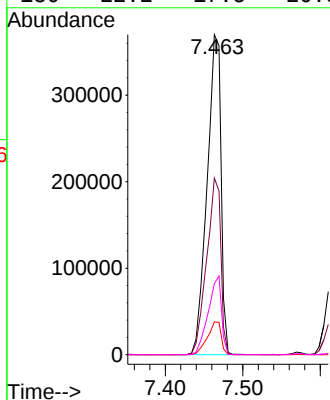
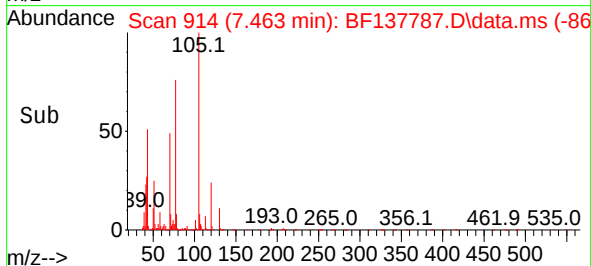


Tgt Ion: 70 Resp: 462648
Ion Ratio Lower Upper
70 100
42 55.2 44.6 66.8
101 10.3 7.8 11.6
130 22.2 17.5 26.3

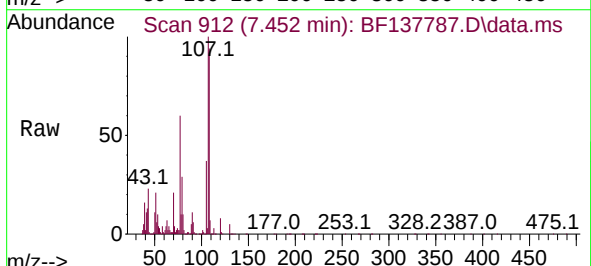
Manual Integrations

APPROVED

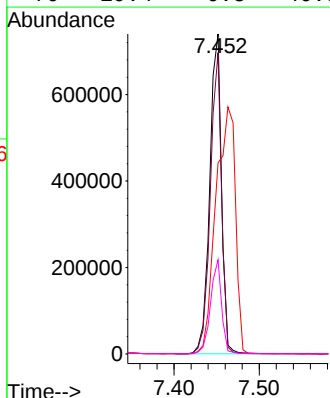
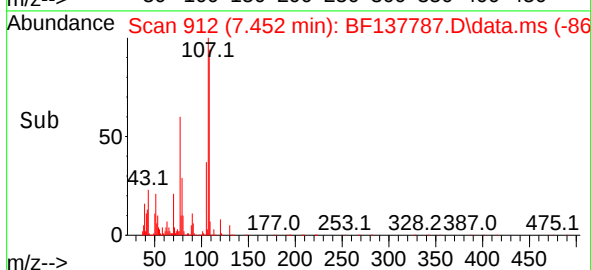
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

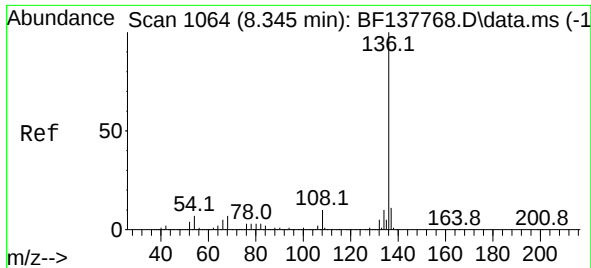


#20
3+4-Methylphenols
Concen: 43.126 ng
RT: 7.452 min Scan# 912
Delta R.T. 0.006 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12



Tgt Ion:107 Resp: 707565
Ion Ratio Lower Upper
107 100
108 94.2 69.3 109.3
77 59.7 15.7 55.7#
79 29.4 6.8 46.8





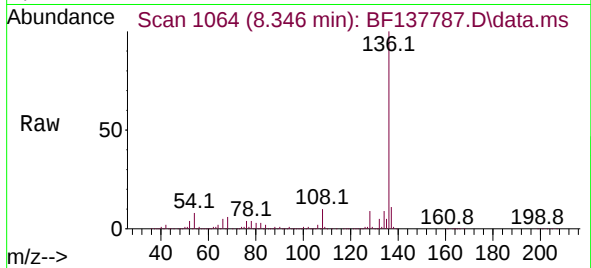
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.346 min Scan# 1064
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB160621BS

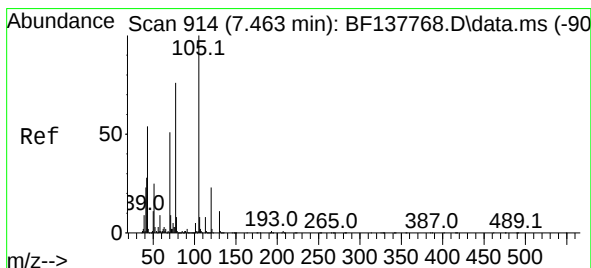
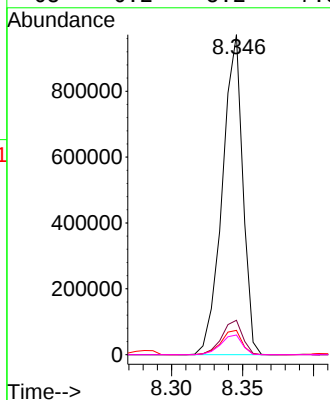
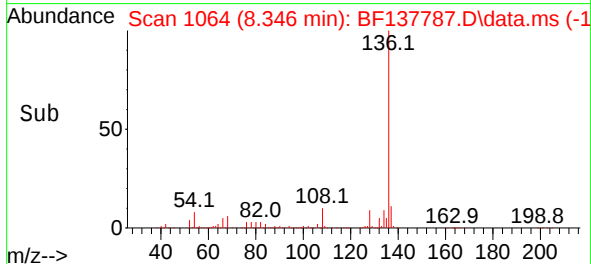


Tgt Ion:136 Resp: 96905
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.6 5.8 8.8
68 6.2 5.2 7.8

Manual Integrations

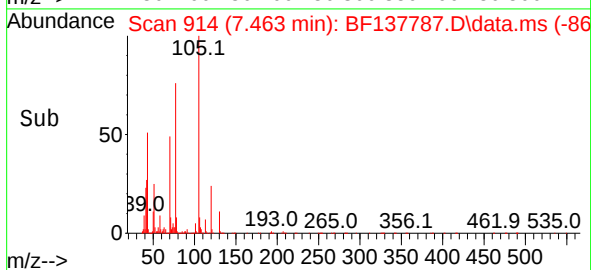
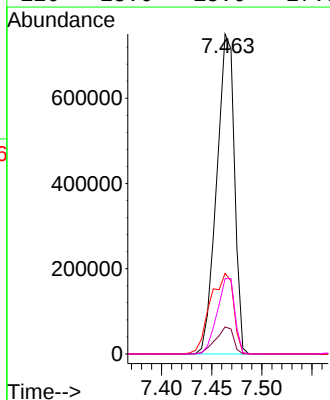
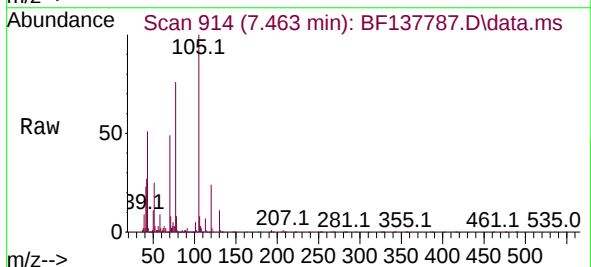
APPROVED

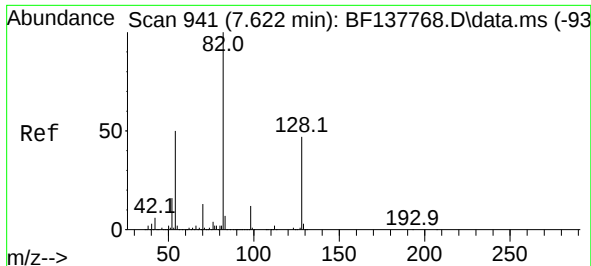
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#22
Acetophenone
Concen: 42.397 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Tgt Ion:105 Resp: 924006
Ion Ratio Lower Upper
105 100
71 8.4 6.9 10.3
51 25.2 20.2 30.2
120 23.6 18.6 27.8





#23

Nitrobenzene-d5

Concen: 81.549 ng

RT: 7.622 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF137787.D

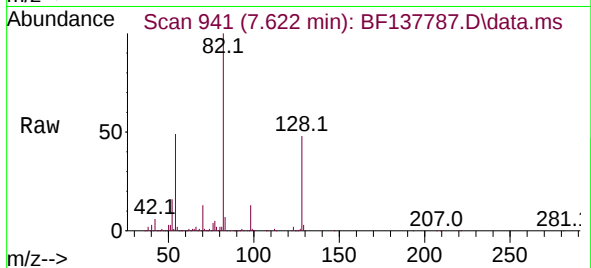
Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB160621BS



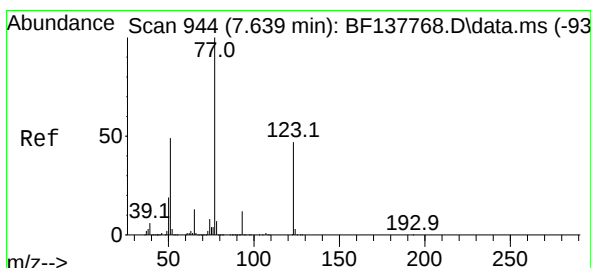
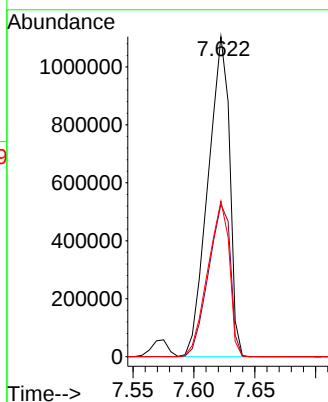
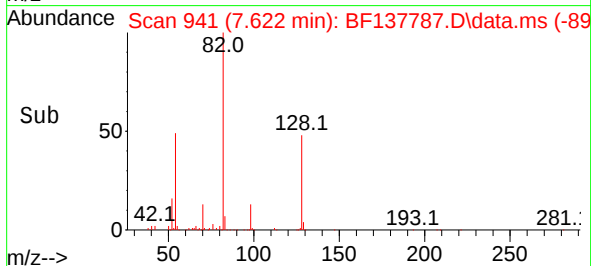
Tgt Ion: 82 Resp: 136019

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.5	56.3
54	48.7	39.8	59.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#24

Nitrobenzene

Concen: 40.509 ng

RT: 7.640 min Scan# 944

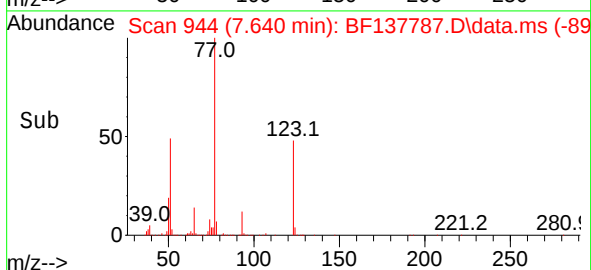
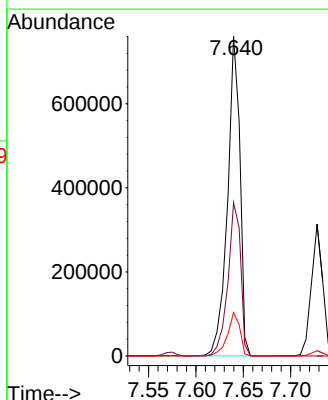
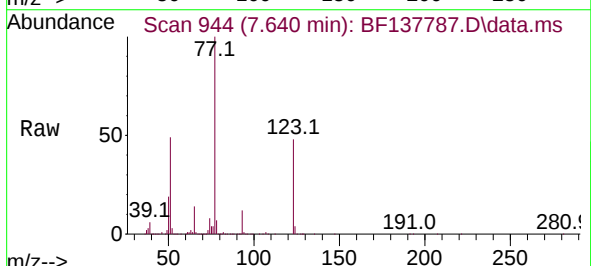
Delta R.T. 0.000 min

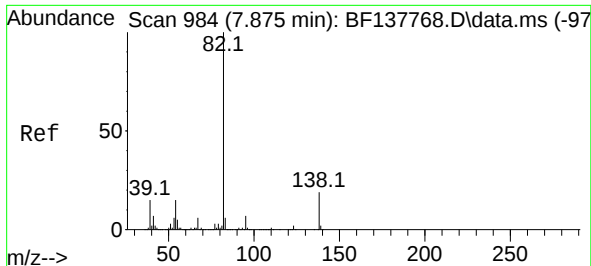
Lab File: BF137787.D

Acq: 01 May 2024 12:12

Tgt Ion: 77 Resp: 696377

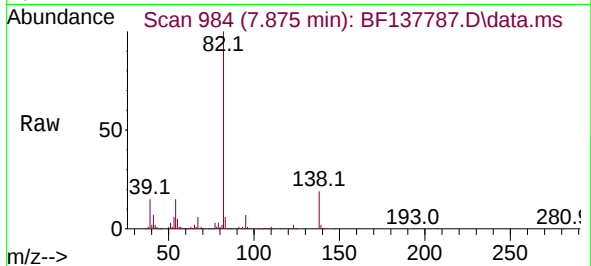
Ion	Ratio	Lower	Upper
77	100		
123	48.0	37.4	56.2
65	13.6	10.7	16.1





#25
Isophorone
Concen: 42.492 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

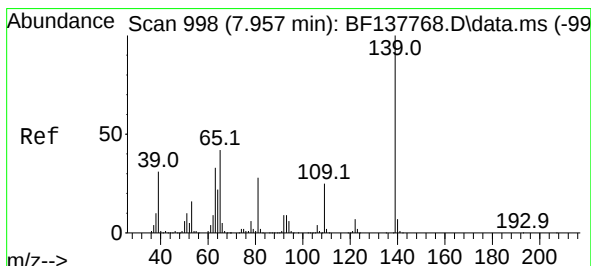
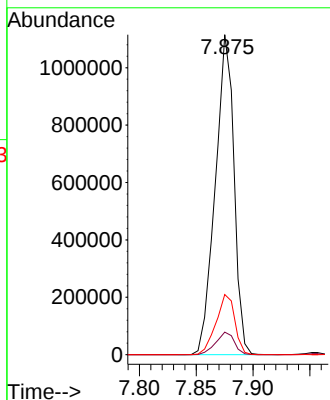
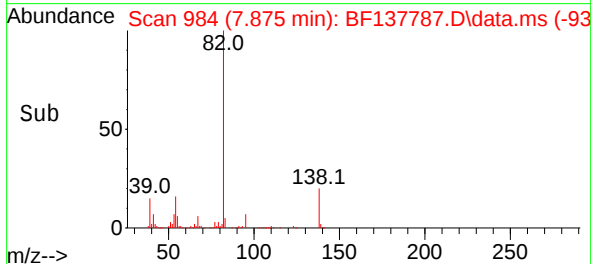
Instrument :
BNA_F
ClientSampleId :
PB160621BS



Tgt Ion: 82 Resp: 1277874
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 18.8 15.0 22.6

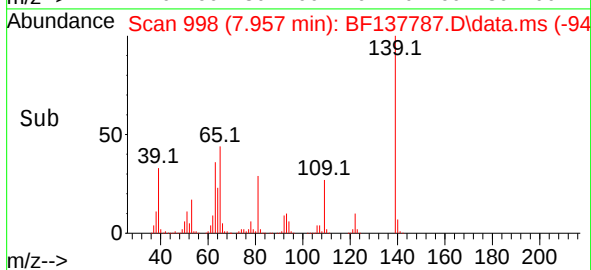
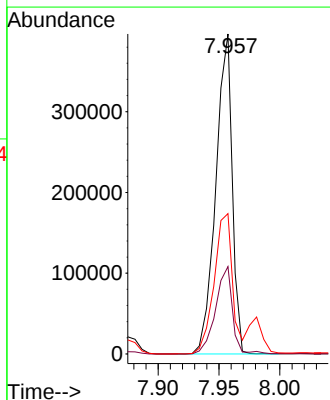
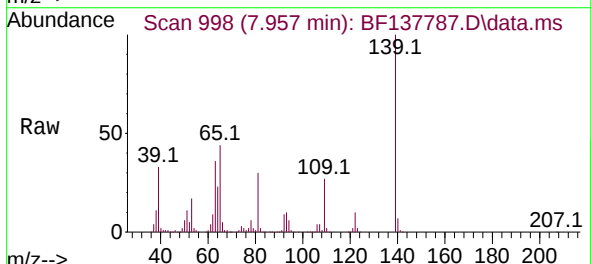
Manual Integrations
APPROVED

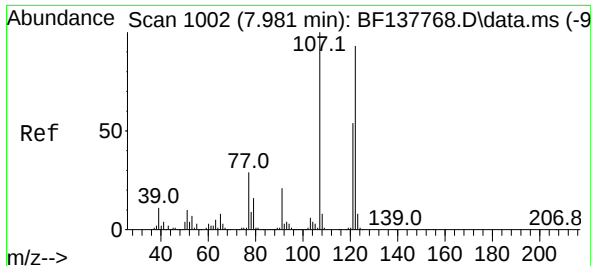
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#26
2-Nitrophenol
Concen: 47.935 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Tgt Ion:139 Resp: 373162
Ion Ratio Lower Upper
139 100
109 27.3 20.2 30.2
65 43.9 33.4 50.0





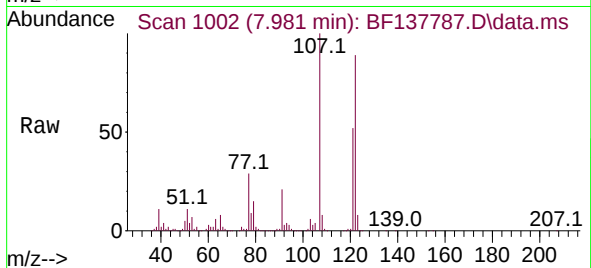
#27
2,4-Dimethylphenol
Concen: 46.577 ng
RT: 7.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB160621BS

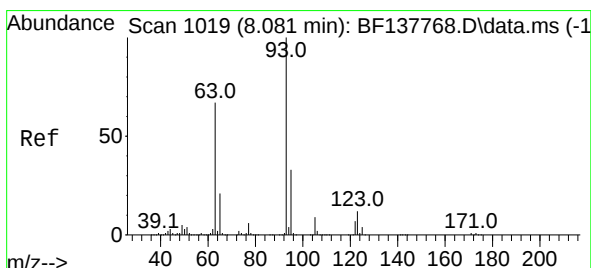
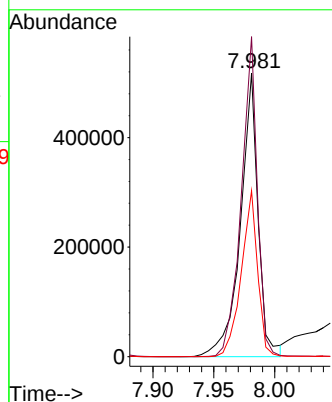
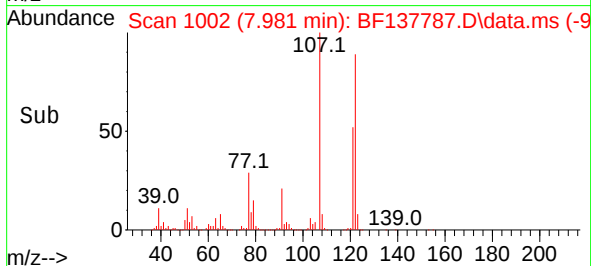


Tgt Ion:122 Resp: 52200
Ion Ratio Lower Upper
122 100
107 112.9 85.8 128.8
121 58.6 46.6 69.8

Manual Integrations

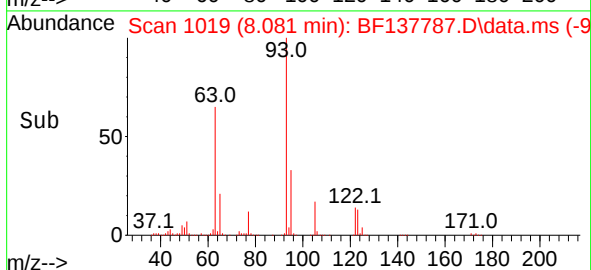
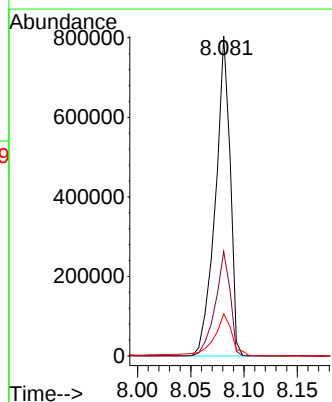
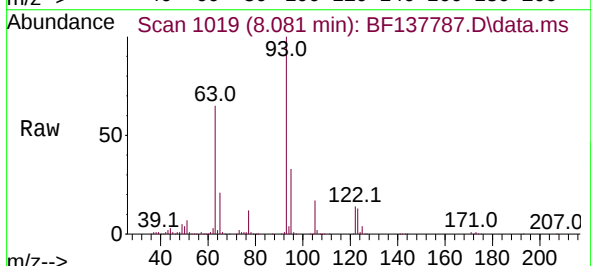
APPROVED

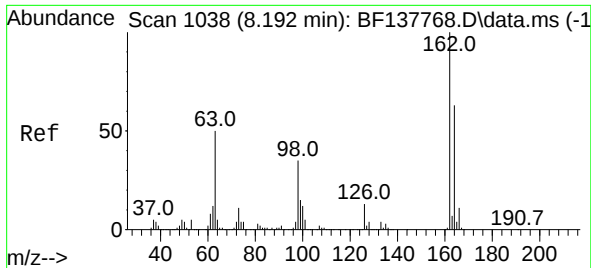
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#28
bis(2-Chloroethoxy)methane
Concen: 42.290 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Tgt Ion: 93 Resp: 770035
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 13.2 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 44.238 ng

RT: 8.193 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

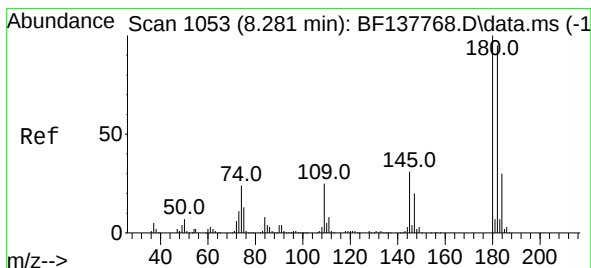
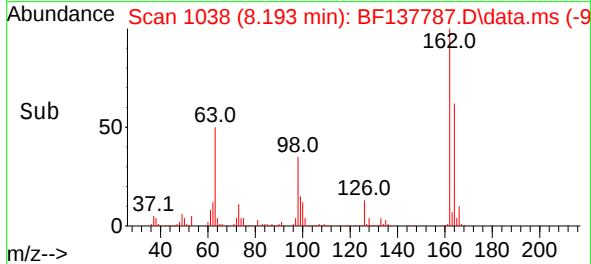
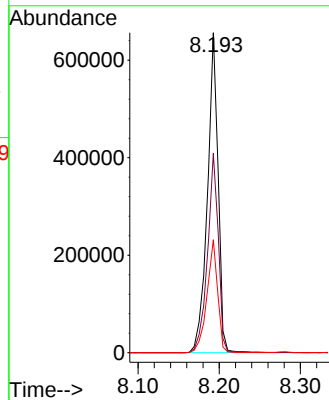
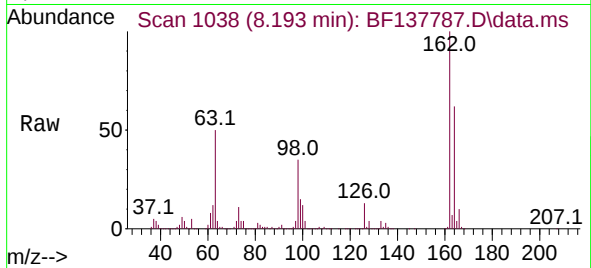
PB160621BS

Tgt Ion:162 Resp: 599268
 Ion Ratio Lower Upper
 162 100
 164 62.3 43.5 83.5
 98 35.3 15.1 55.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024



#30

1,2,4-Trichlorobenzene

Concen: 41.911 ng

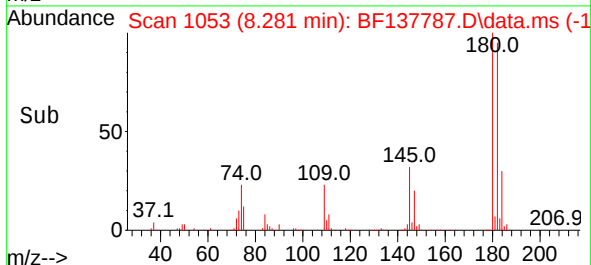
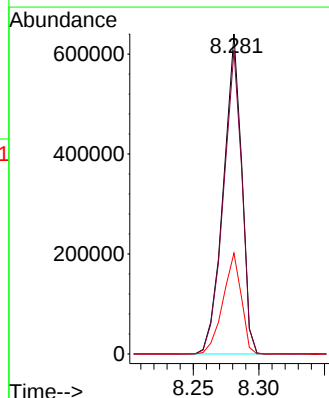
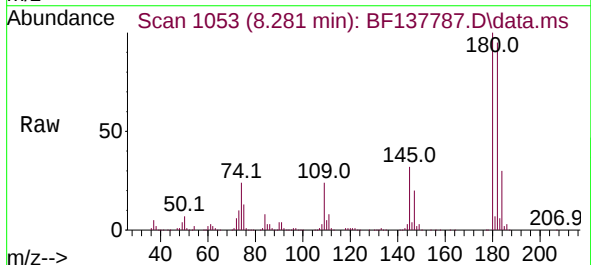
RT: 8.281 min Scan# 1053

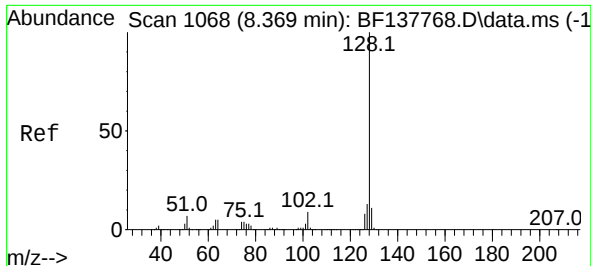
Delta R.T. 0.000 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

Tgt Ion:180 Resp: 618916
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.2 114.2
 145 31.5 25.1 37.7





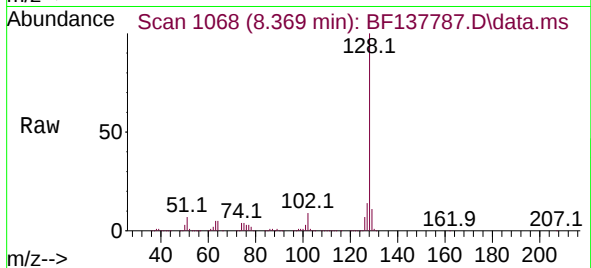
#31
Naphthalene
Concen: 41.126 ng
RT: 8.369 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB160621BS

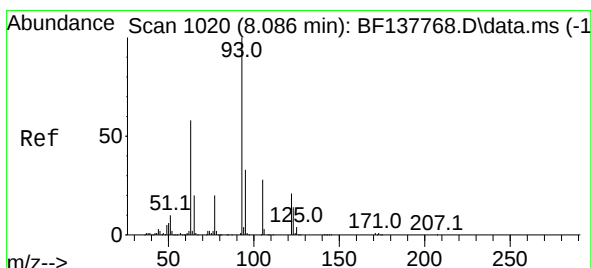
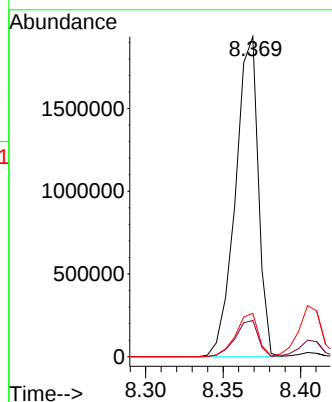
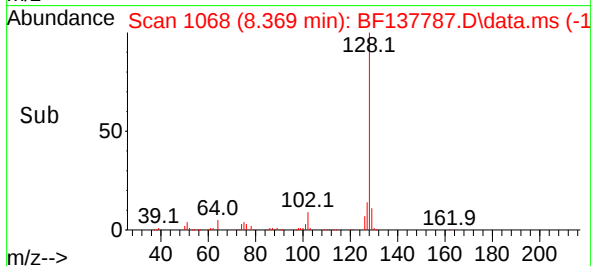


Tgt Ion:128 Resp: 1980520
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.6 16.0

Manual Integrations

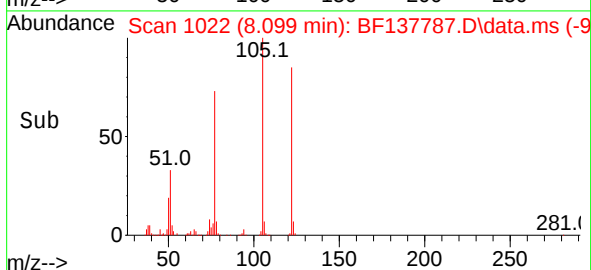
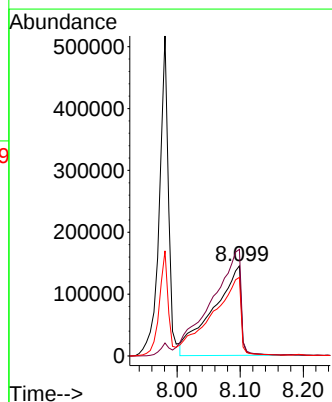
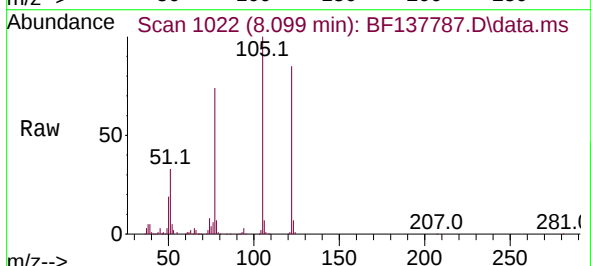
APPROVED

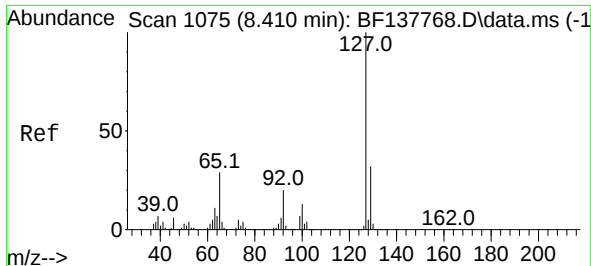
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#32
Benzoic acid
Concen: 46.361 ng
RT: 8.099 min Scan# 1022
Delta R.T. 0.013 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Tgt Ion:122 Resp: 448240
Ion Ratio Lower Upper
122 100
105 118.3 105.3 145.3
77 87.3 73.2 113.2





#33

4-Chloroaniline

Concen: 18.251 ng

RT: 8.404 min Scan# 1075

Delta R.T. -0.006 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

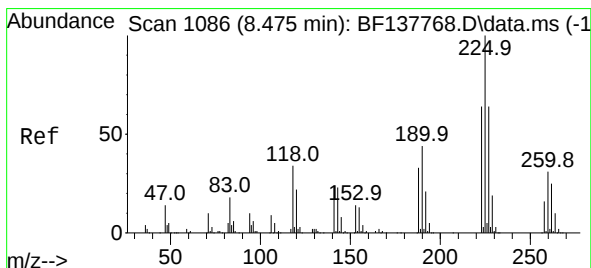
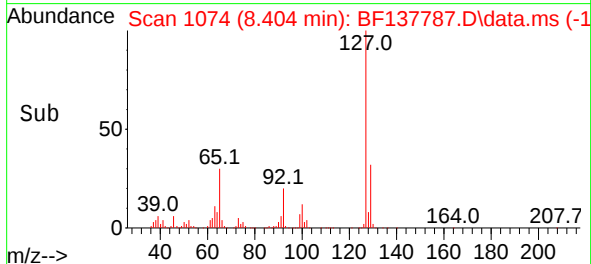
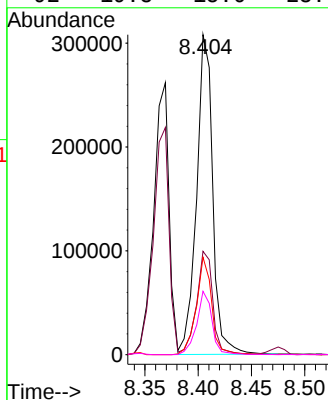
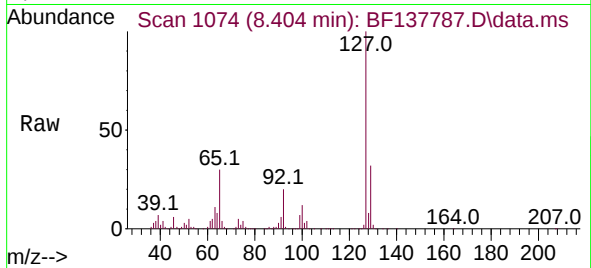
PB160621BS

Tgt Ion:	127	Resp:	325929
Ion Ratio	Lower	Upper	
127	100		
129	32.3	25.7	38.5
65	30.5	23.4	35.2
92	19.8	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#34

Hexachlorobutadiene

Concen: 40.506 ng

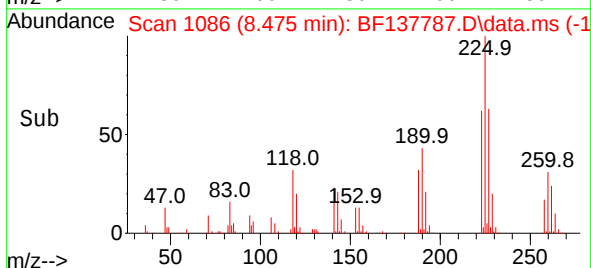
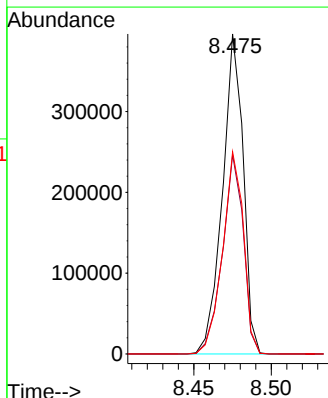
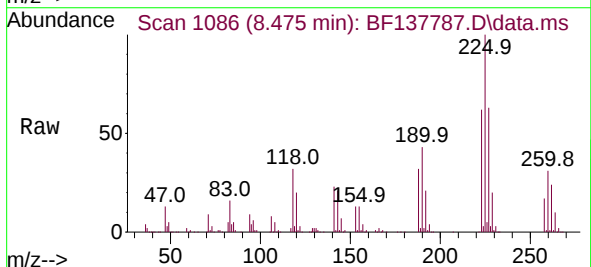
RT: 8.475 min Scan# 1086

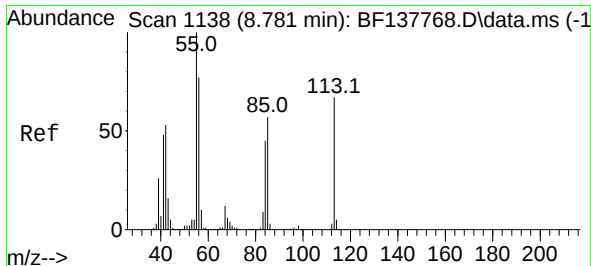
Delta R.T. 0.000 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

Tgt Ion:	225	Resp:	367246
Ion Ratio	Lower	Upper	
225	100		
223	62.2	51.1	76.7
227	63.2	51.4	77.0





#35

Caprolactam

Concen: 45.185 ng m

RT: 8.781 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

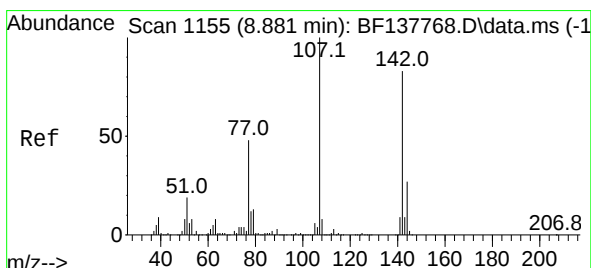
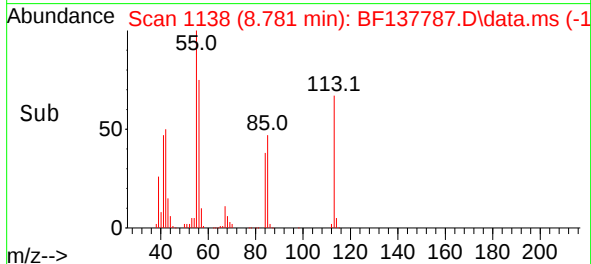
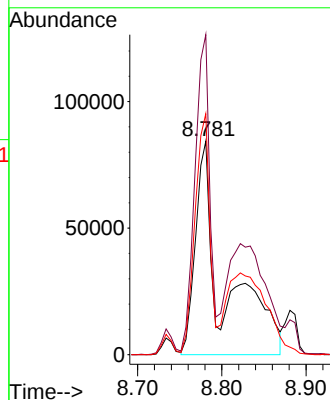
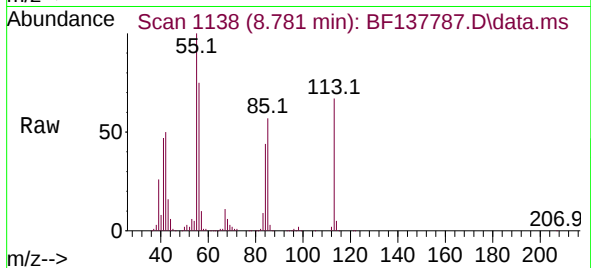
PB160621BS

Tgt Ion:113	Resp: 193934
Ion Ratio	Lower Upper
113	100
55	149.9 128.7 168.7
56	112.9 93.9 133.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#36

4-Chloro-3-methylphenol

Concen: 43.561 ng

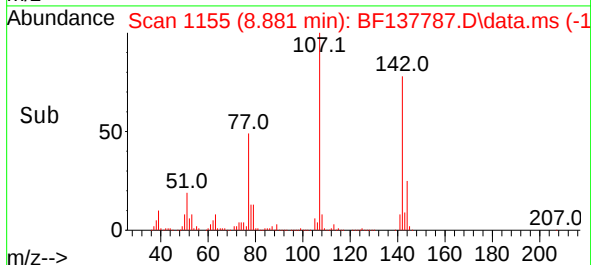
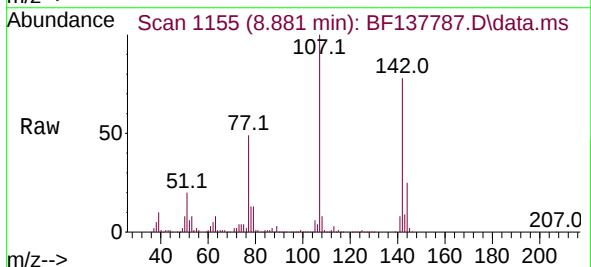
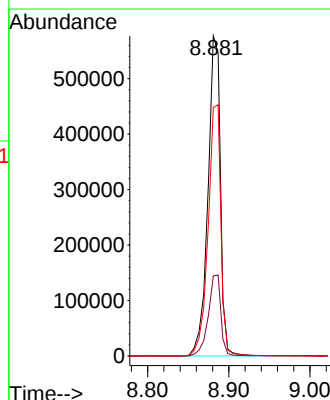
RT: 8.881 min Scan# 1155

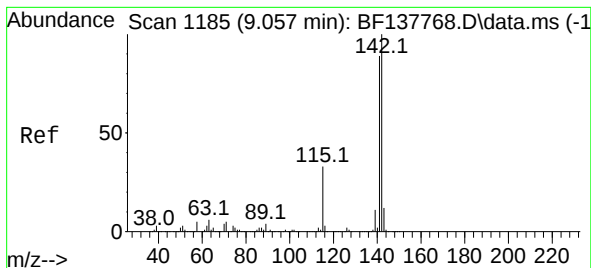
Delta R.T. 0.000 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

Tgt Ion:107	Resp: 615358
Ion Ratio	Lower Upper
107	100
144	25.0 21.4 32.0
142	77.7 66.2 99.2





#37

2-Methylnaphthalene

Concen: 42.134 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB160621BS

Tgt Ion:142 Resp: 131342

Ion Ratio Lower Upper

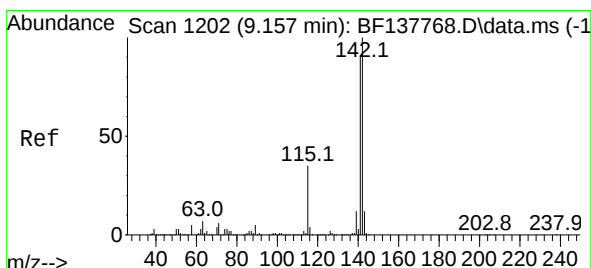
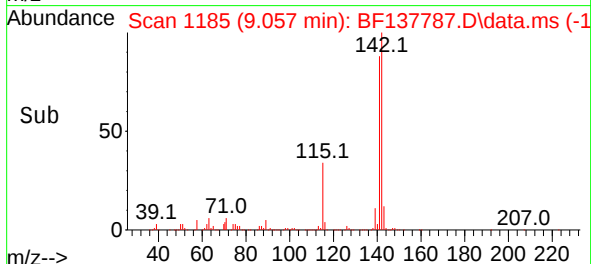
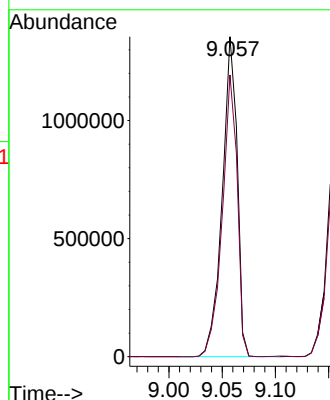
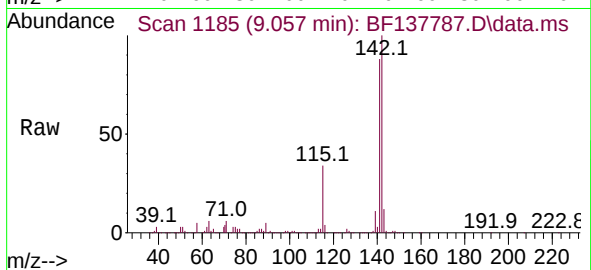
142 100

141 88.1 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#38

1-Methylnaphthalene

Concen: 39.681 ng

RT: 9.157 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF137787.D

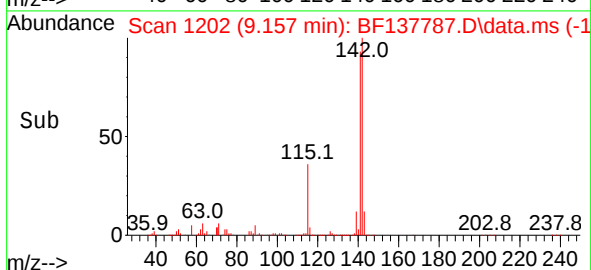
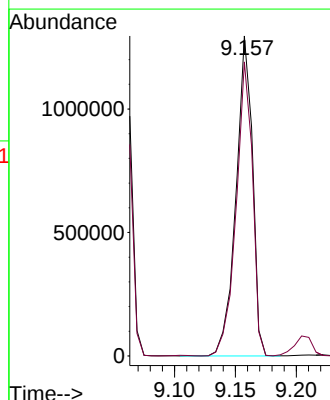
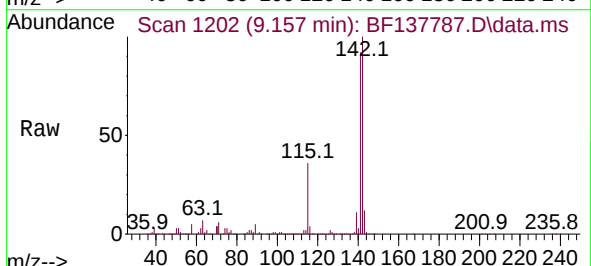
Acq: 01 May 2024 12:12

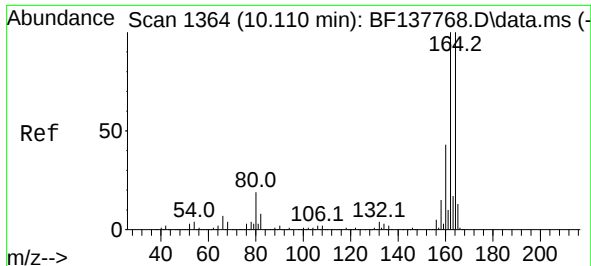
Tgt Ion:142 Resp: 1216949

Ion Ratio Lower Upper

142 100

141 91.9 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.110 min Scan# 1364

Delta R.T. 0.000 min

Lab File: BF137787.D

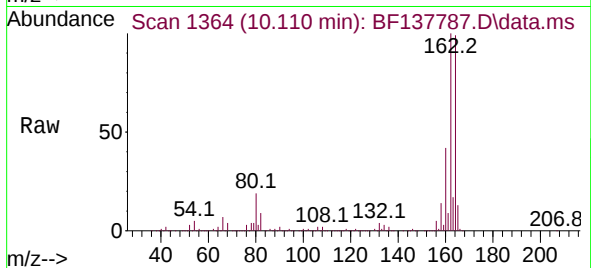
Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB160621BS



Tgt Ion:164 Resp: 550848

Ion Ratio Lower Upper

164 100

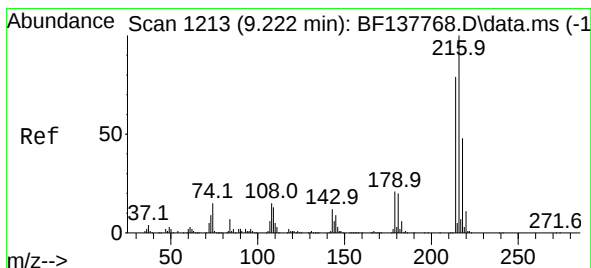
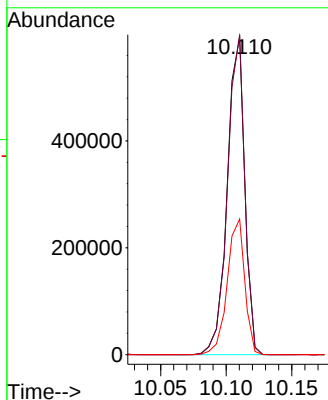
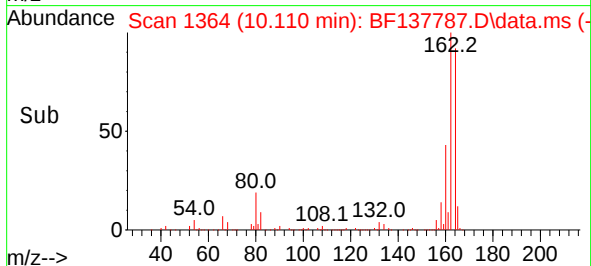
162 100.8 79.8 119.6

160 42.7 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.374 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

Tgt Ion:216 Resp: 618222

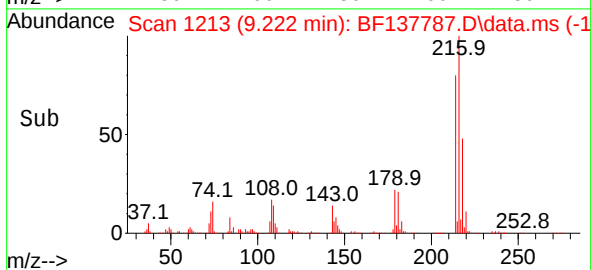
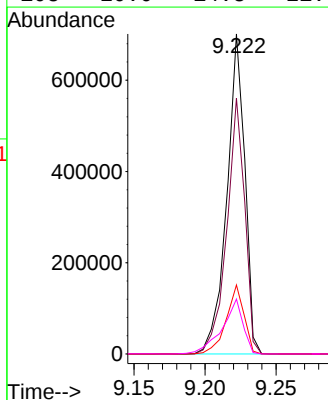
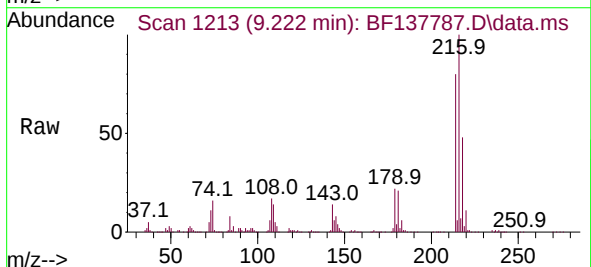
Ion Ratio Lower Upper

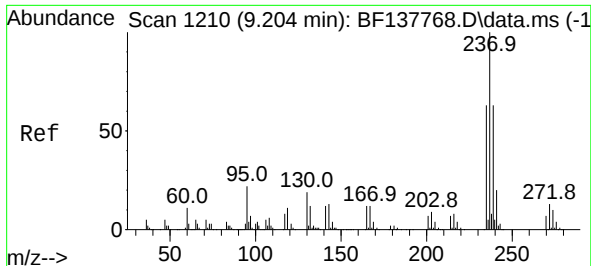
216 100

214 79.2 63.3 94.9

179 21.4 16.8 25.2

108 20.0 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 125.175 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.006 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

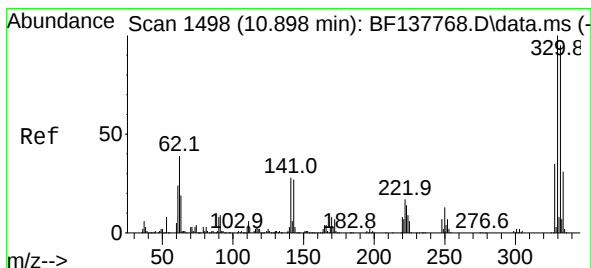
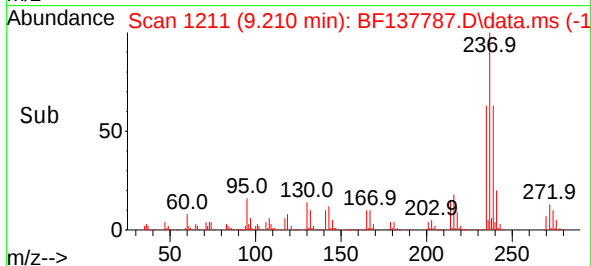
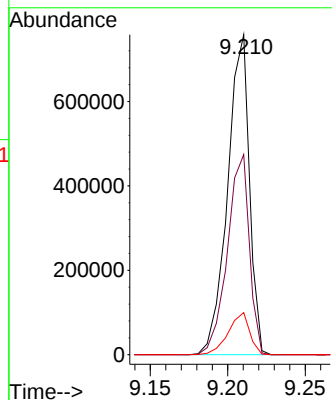
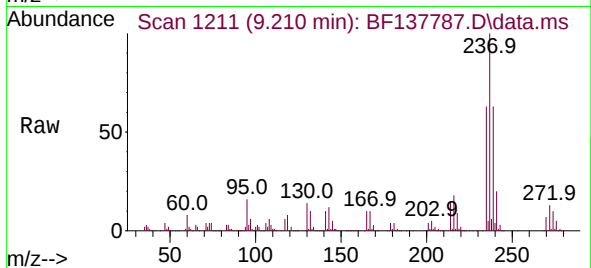
PB160621BS

Tgt Ion:237 Resp: 741779
Ion Ratio Lower Upper
237 100
235 62.5 43.0 83.0
272 13.2 0.0 32.8

Manual Integrations

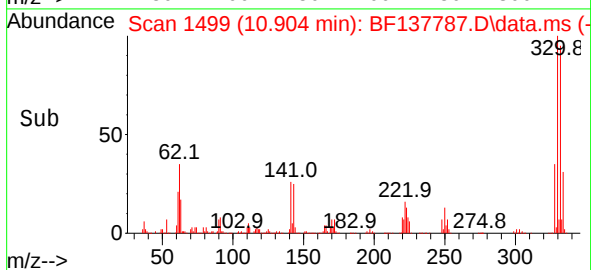
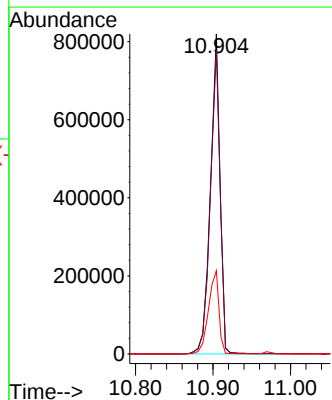
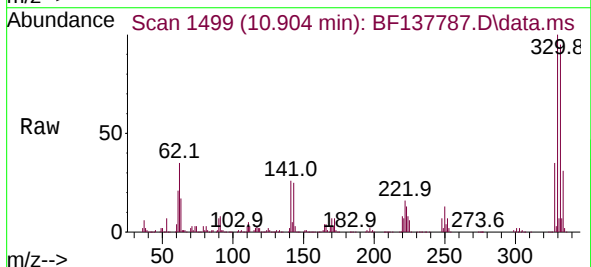
APPROVED

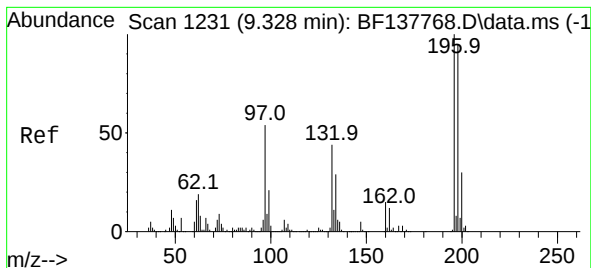
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#42
2,4,6-Tribromophenol
Concen: 126.035 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Tgt Ion:330 Resp: 708856
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 28.2 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 44.305 ng

RT: 9.334 min Scan# 1231

Delta R.T. 0.006 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB160621BS

Tgt Ion:196 Resp: 440000

Ion Ratio Lower Upper

196 100

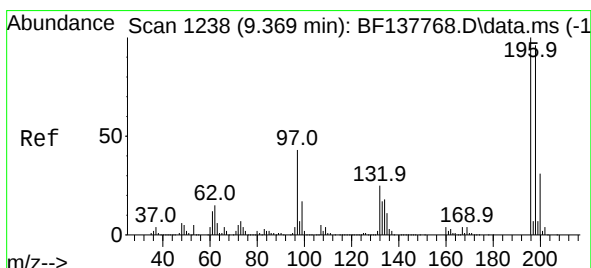
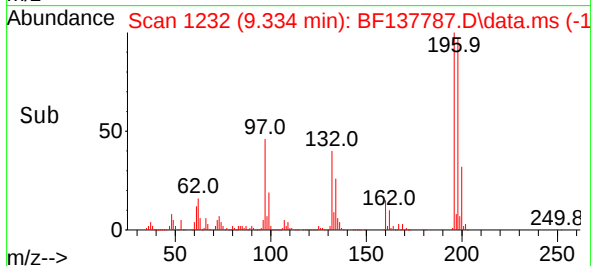
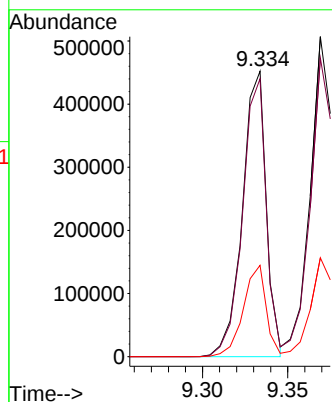
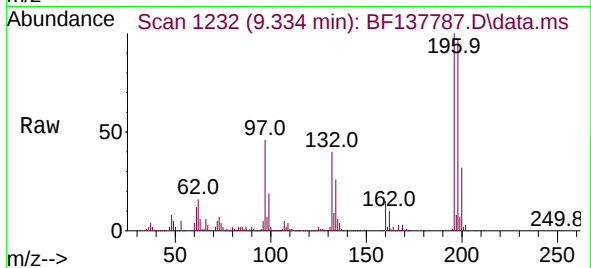
198 97.4 76.2 114.4

200 32.0 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#44

2,4,5-Trichlorophenol

Concen: 43.188 ng

RT: 9.369 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

Tgt Ion:196 Resp: 473592

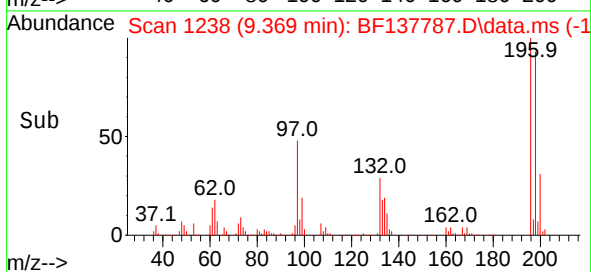
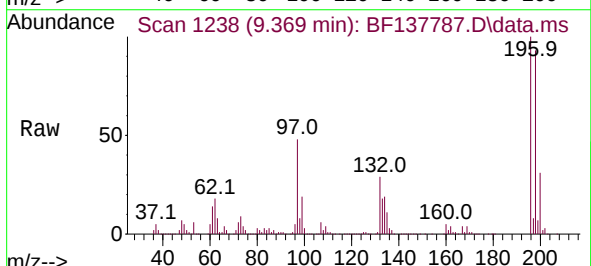
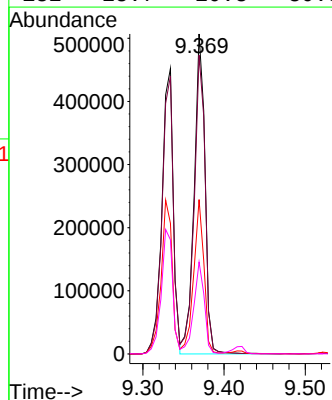
Ion Ratio Lower Upper

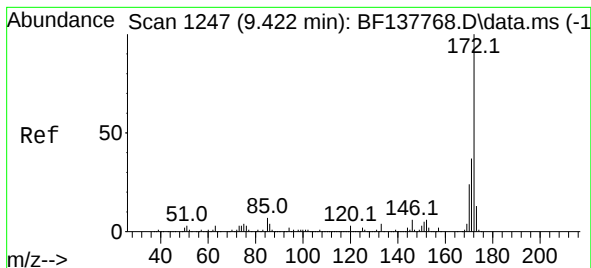
196 100

198 93.3 76.6 114.8

97 48.2 34.5 51.7

132 28.7 20.3 30.5





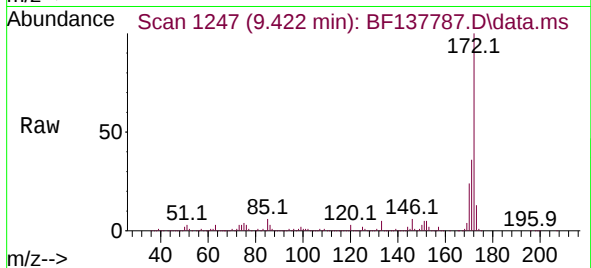
#45
2-Fluorobiphenyl
Concen: 81.493 ng
RT: 9.422 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB160621BS

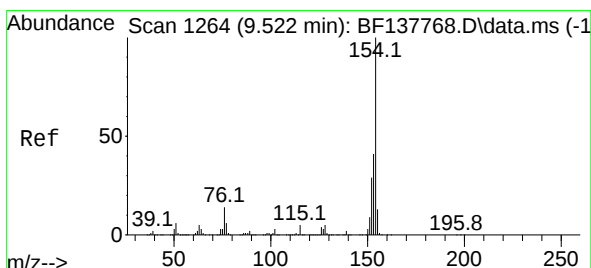
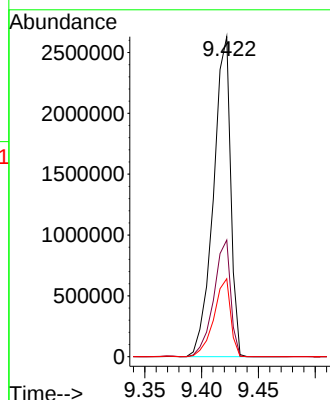
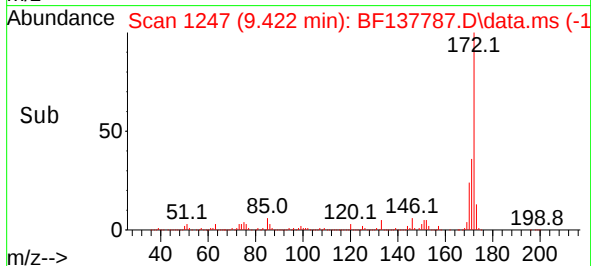


Tgt Ion:172 Resp: 2766954
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.3 19.4 29.2

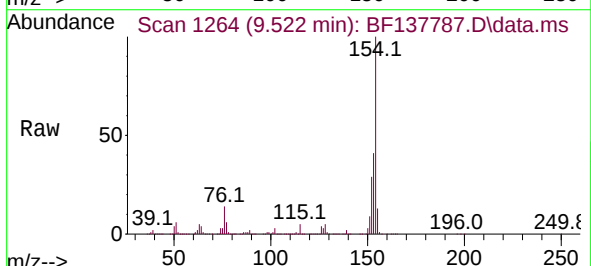
Manual Integrations

APPROVED

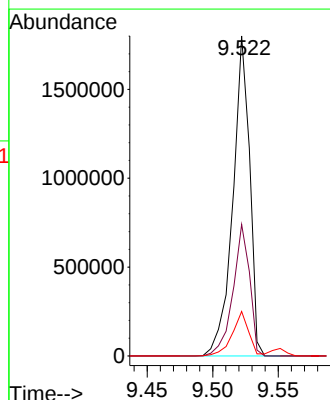
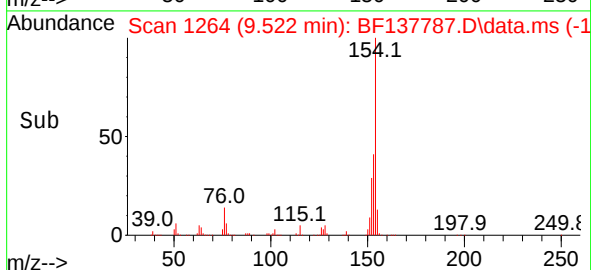
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

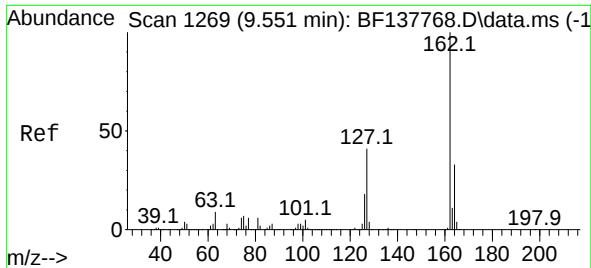


#46
1,1'-Biphenyl
Concen: 42.433 ng
RT: 9.522 min Scan# 1264
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12



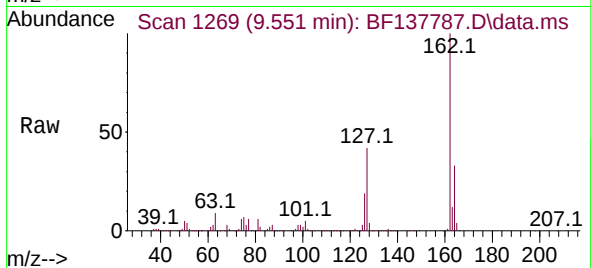
Tgt Ion:154 Resp: 1604112
Ion Ratio Lower Upper
154 100
153 41.1 21.4 61.4
76 13.9 0.0 33.5





#47
2-Chloronaphthalene
Concen: 41.254 ng
RT: 9.551 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

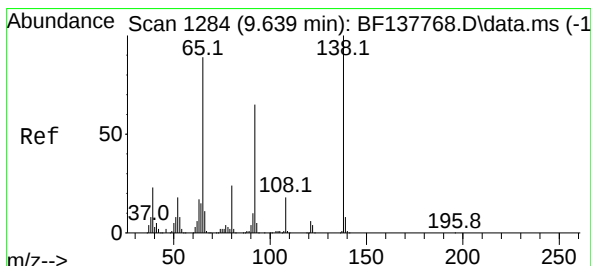
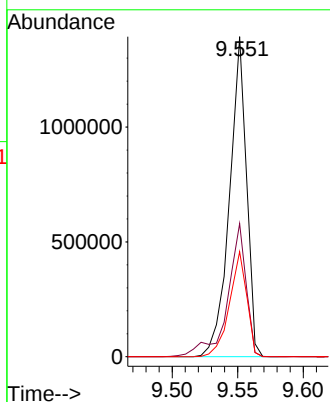
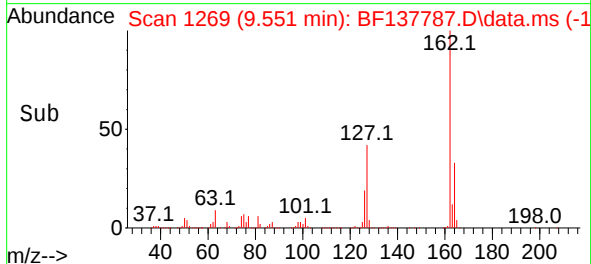
Instrument :
BNA_F
ClientSampleId :
PB160621BS



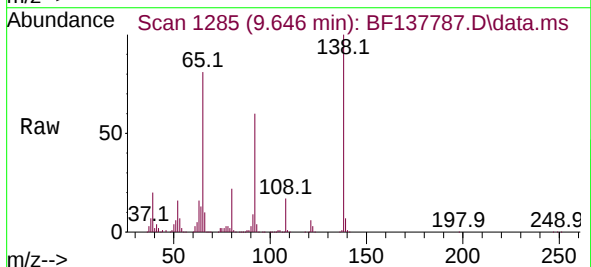
Tgt Ion:162 Resp: 125910
Ion Ratio Lower Upper
162 100
127 41.6 32.6 49.0
164 32.8 26.5 39.7

Manual Integrations
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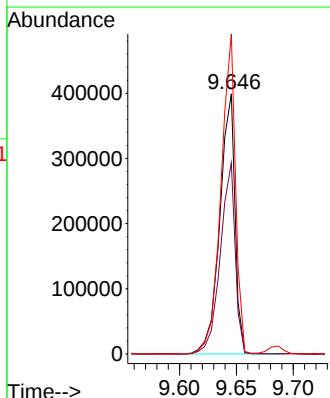
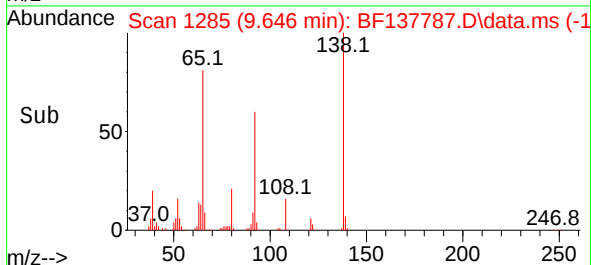
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

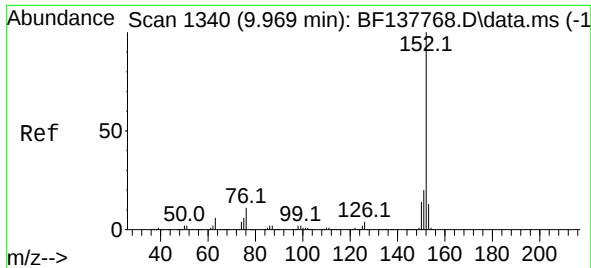


#48
2-Nitroaniline
Concen: 45.002 ng
RT: 9.646 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12



Tgt Ion: 65 Resp: 372502
Ion Ratio Lower Upper
65 100
92 73.4 58.6 88.0
138 123.0 90.3 135.5





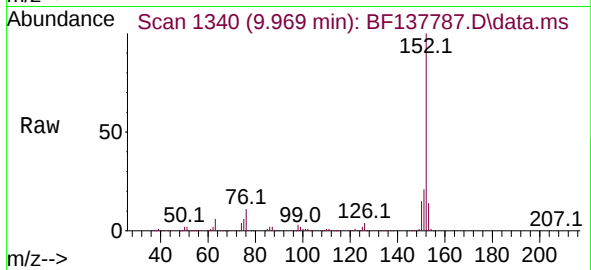
#49
Acenaphthylene
Concen: 45.098 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB160621BS

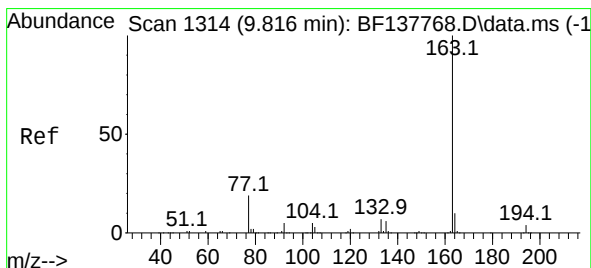
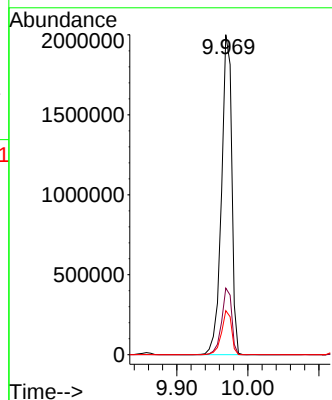
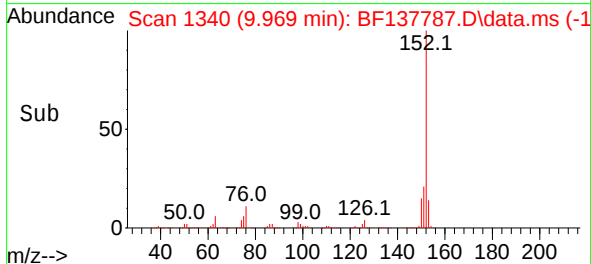


Tgt Ion:152 Resp: 1991084
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 13.8 10.8 16.2

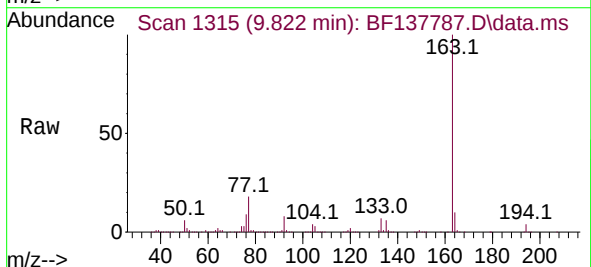
Manual Integrations

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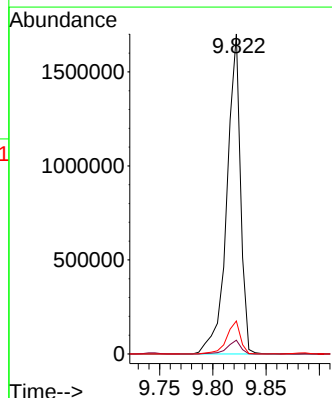
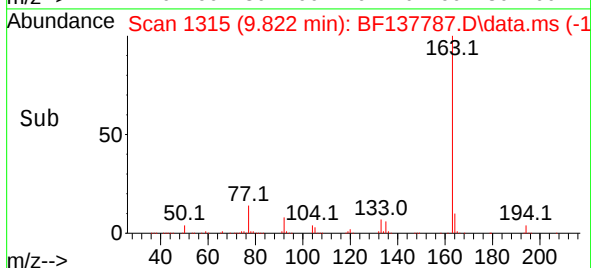
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

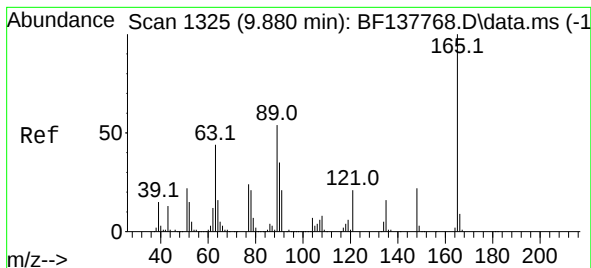


#50
Dimethylphthalate
Concen: 43.461 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12



Tgt Ion:163 Resp: 1511341
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.3 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 42.929 ng

RT: 9.887 min Scan# 1325

Delta R.T. 0.006 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

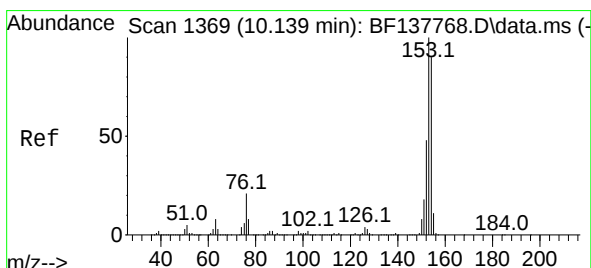
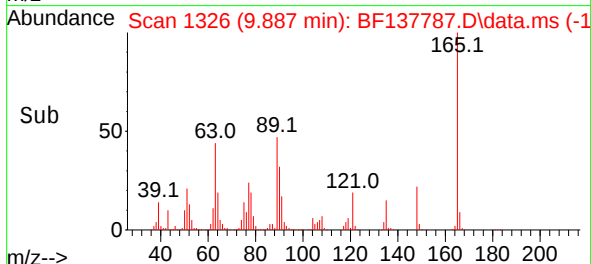
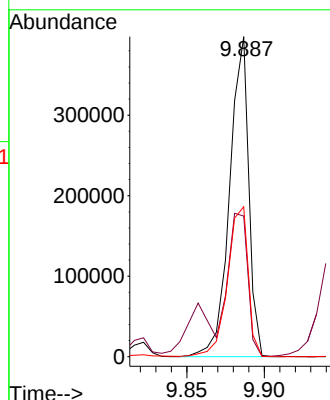
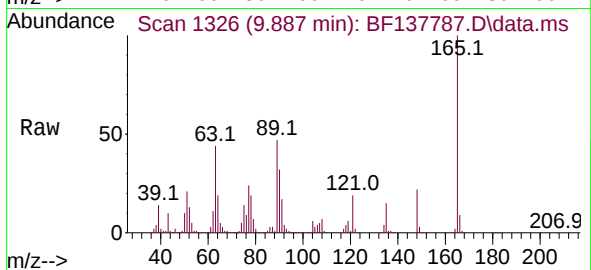
PB160621BS

Tgt Ion:165 Resp: 341158
 Ion Ratio Lower Upper
 165 100
 63 43.9 41.9 62.9
 89 46.9 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024



#52

Acenaphthene

Concen: 45.515 ng

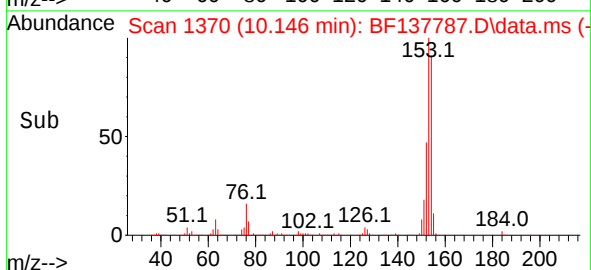
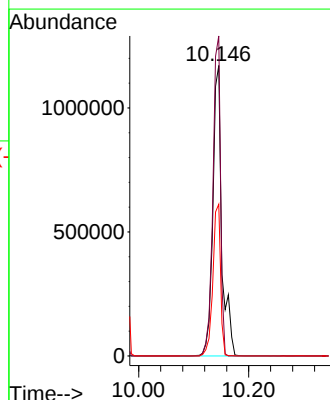
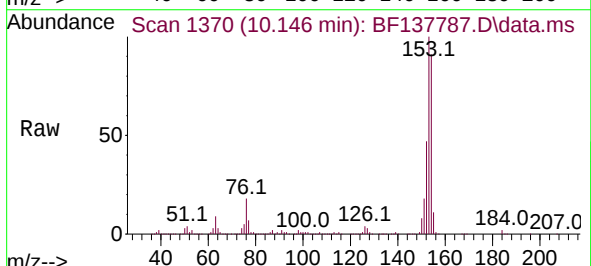
RT: 10.146 min Scan# 1370

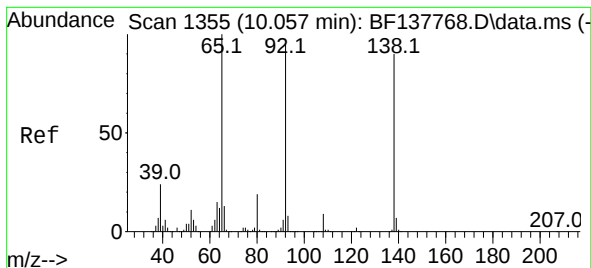
Delta R.T. 0.006 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

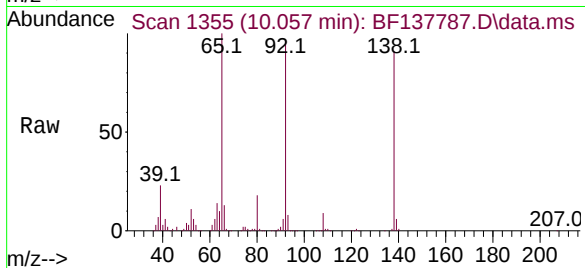
Tgt Ion:154 Resp: 1331993
 Ion Ratio Lower Upper
 154 100
 153 110.2 88.7 133.1
 152 52.3 42.8 64.2





#53
3-Nitroaniline
Concen: 27.260 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

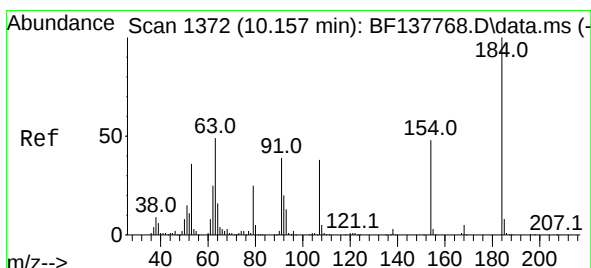
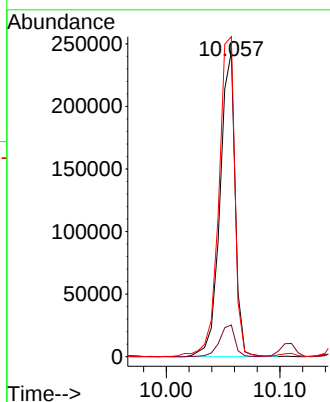
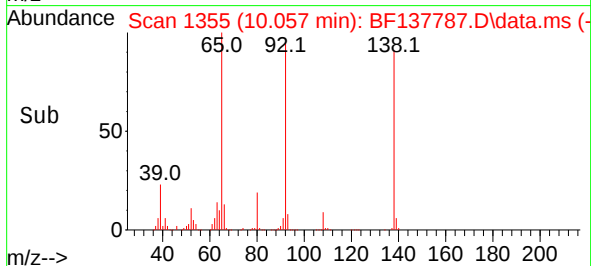
Instrument :
BNA_F
ClientSampleId :
PB160621BS



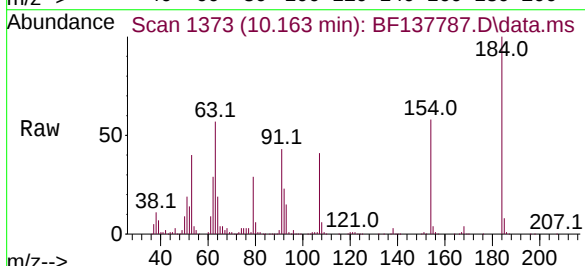
Tgt Ion:138 Resp: 226864
Ion Ratio Lower Upper
138 100
108 10.4 7.8 11.6
92 105.0 84.6 126.8

Manual Integrations
APPROVED

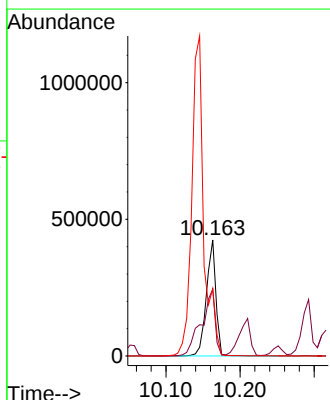
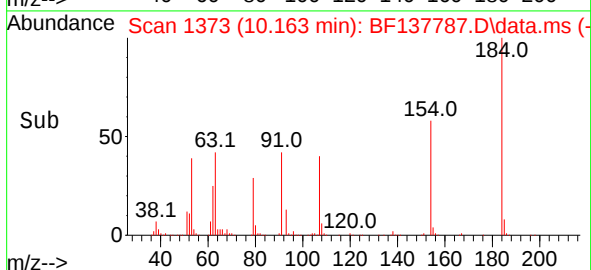
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

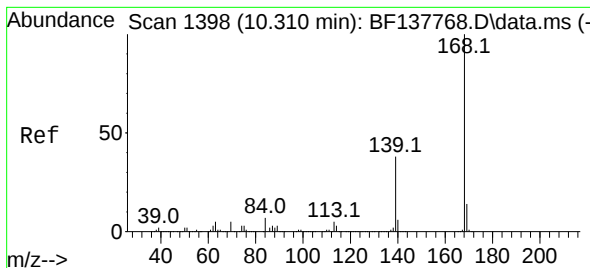


#54
2,4-Dinitrophenol
Concen: 97.614 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12



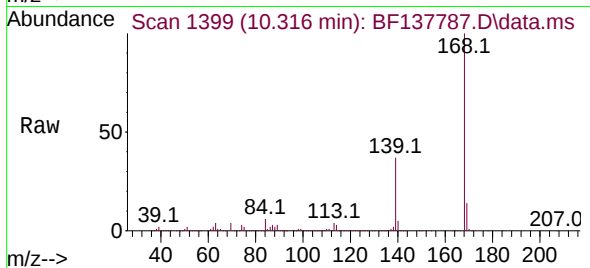
Tgt Ion:184 Resp: 381169
Ion Ratio Lower Upper
184 100
63 57.3 40.3 60.5
154 58.1 45.2 67.8





#55
Dibenzenofuran
Concen: 42.106 ng
RT: 10.316 min Scan# 1398
Delta R.T. 0.006 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

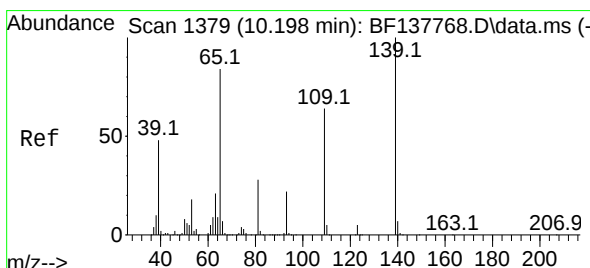
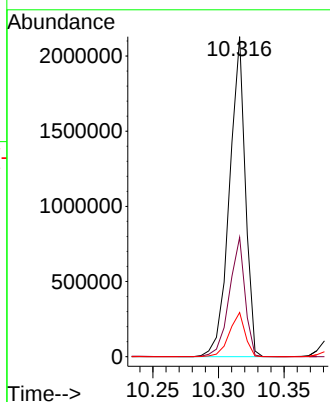
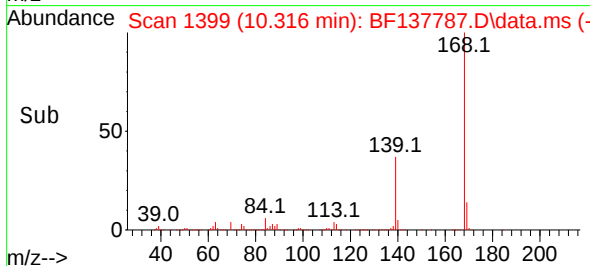
Instrument :
BNA_F
ClientSampleId :
PB160621BS



Tgt Ion:168 Resp: 1793170
Ion Ratio Lower Upper
168 100
139 37.3 30.2 45.4
169 13.8 11.4 17.0

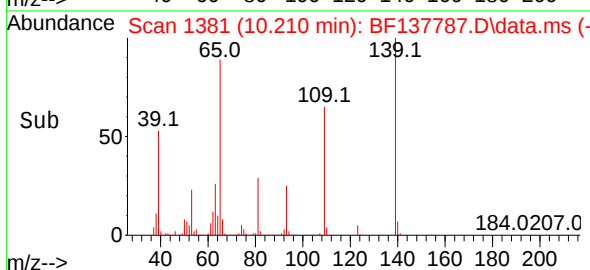
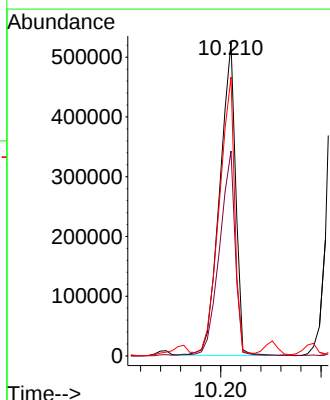
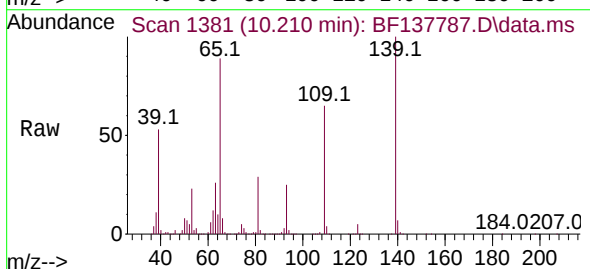
Manual Integrations
APPROVED

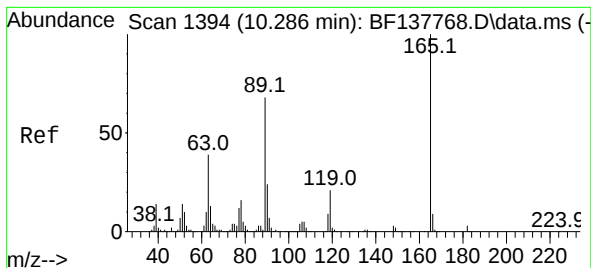
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#56
4-Nitrophenol
Concen: 83.424 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Tgt Ion:139 Resp: 575417
Ion Ratio Lower Upper
139 100
109 65.4 44.0 84.0
65 88.9 64.3 104.3





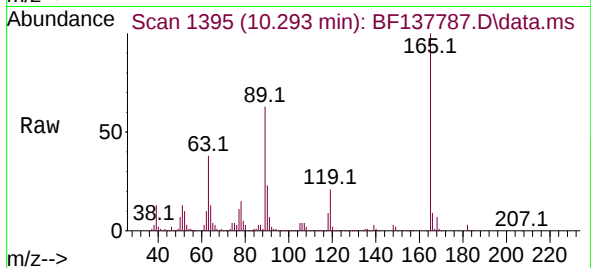
#57
2,4-Dinitrotoluene
Concen: 44.702 ng
RT: 10.293 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB160621BS

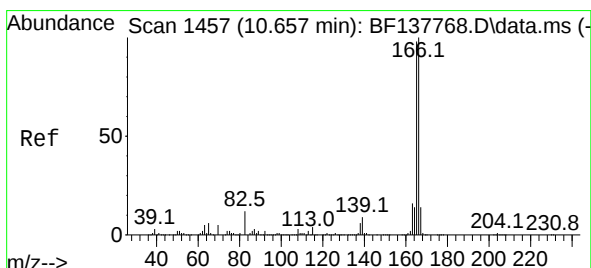
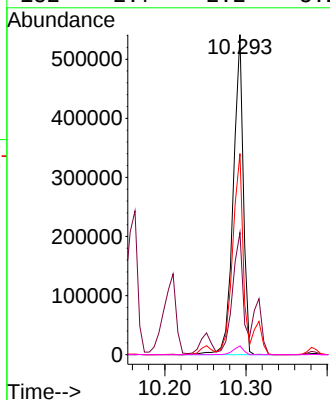
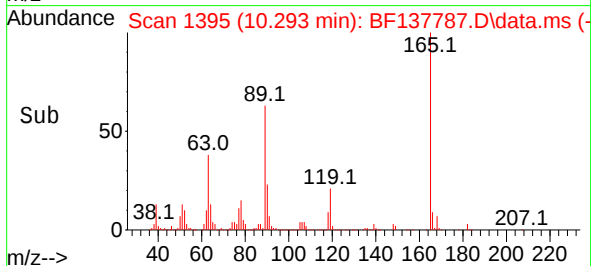


Tgt Ion:165 Resp: 464108
Ion Ratio Lower Upper
165 100
63 38.1 31.3 46.9
89 62.8 54.2 81.4
182 2.7 2.2 3.2

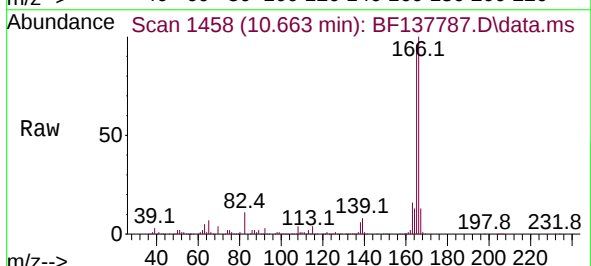
Manual Integrations

APPROVED

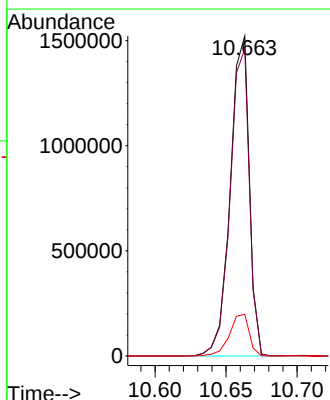
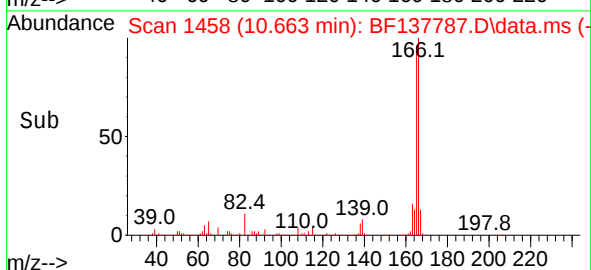
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

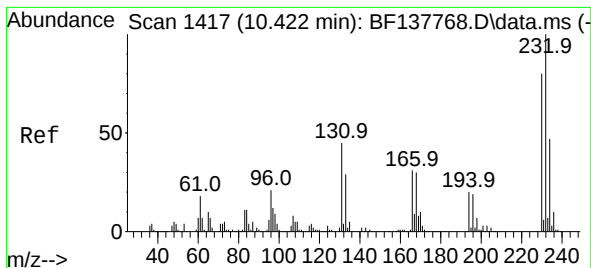


#58
Fluorene
Concen: 41.881 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12



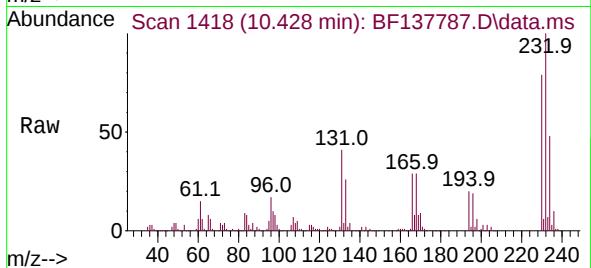
Tgt Ion:166 Resp: 1419484
Ion Ratio Lower Upper
166 100
165 95.9 78.2 117.2
167 13.1 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.462 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

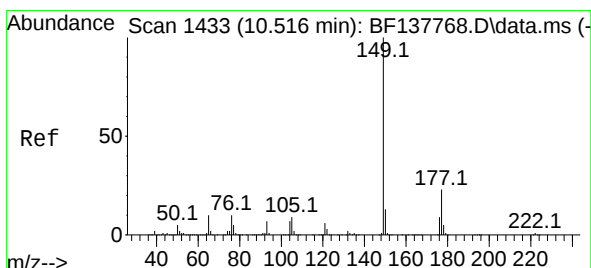
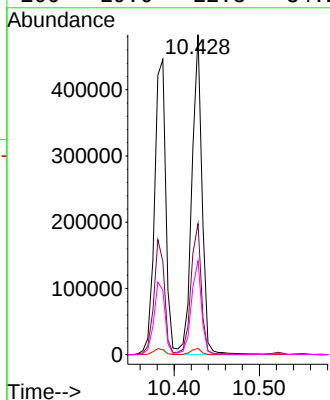
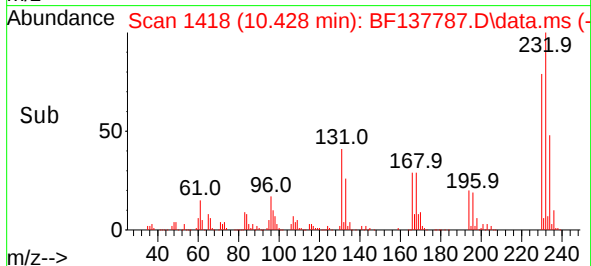
Instrument :
BNA_F
ClientSampleId :
PB160621BS



Tgt Ion:232 Resp: 39583
Ion Ratio Lower Upper
232 100
131 41.8 33.4 50.0
130 2.0 1.7 2.5
166 29.6 22.8 34.2

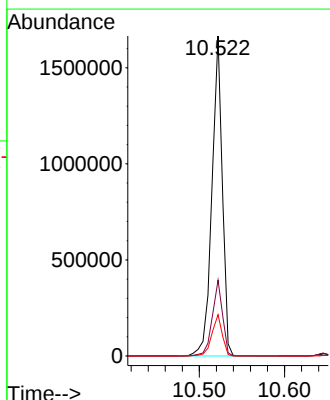
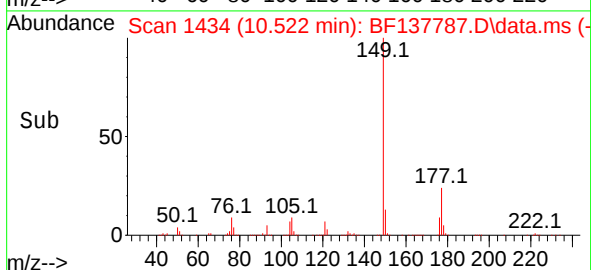
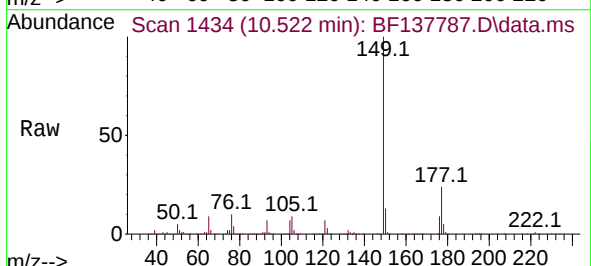
Manual Integrations
APPROVED

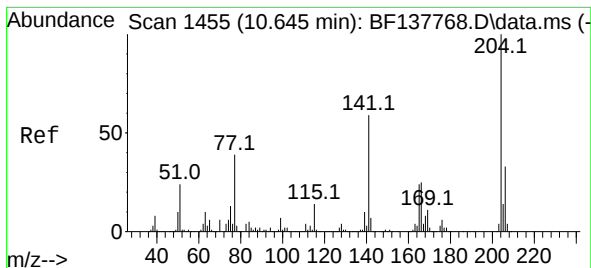
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#60
Diethylphthalate
Concen: 42.678 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

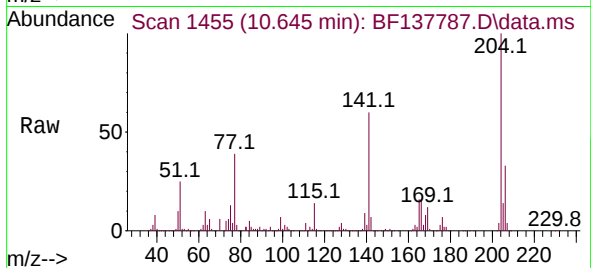
Tgt Ion:149 Resp: 1409519
Ion Ratio Lower Upper
149 100
177 23.7 18.4 27.6
150 12.9 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 42.098 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

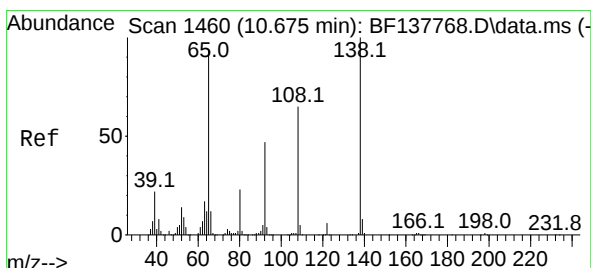
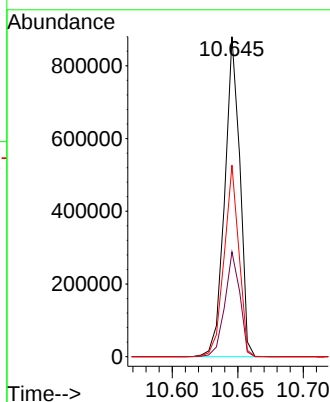
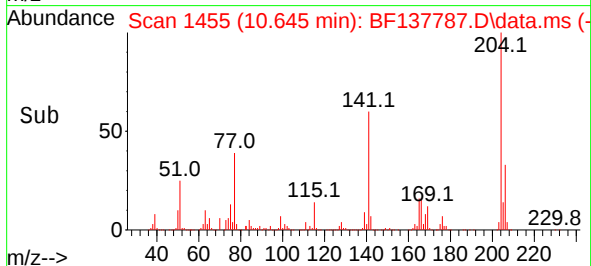
Instrument :
BNA_F
ClientSampleId :
PB160621BS



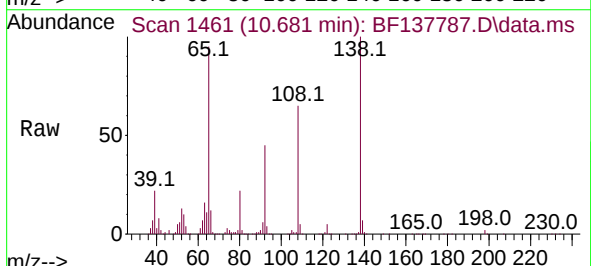
Tgt Ion:204 Resp: 70303
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 59.8 47.0 70.6

Manual Integrations
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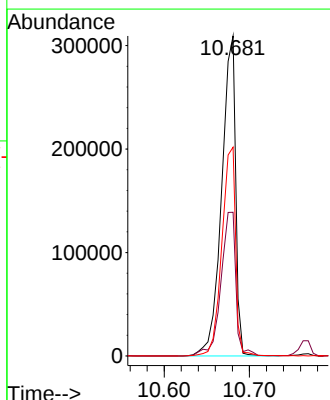
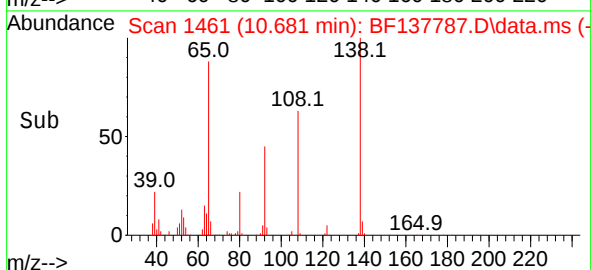
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

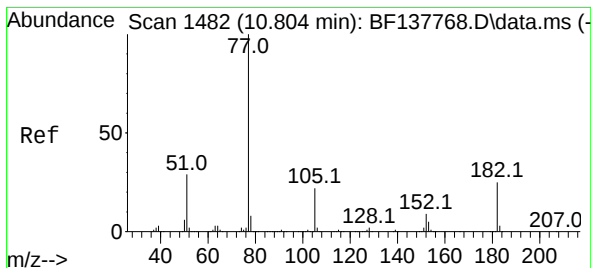


#62
4-Nitroaniline
Concen: 41.901 ng
RT: 10.681 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12



Tgt Ion:138 Resp: 353698
Ion Ratio Lower Upper
138 100
92 44.9 26.8 66.8
108 65.2 44.7 84.7





#63

Azobenzene

Concen: 42.793 ng

RT: 10.810 min Scan# 1482

Delta R.T. 0.006 min

Lab File: BF137787.D

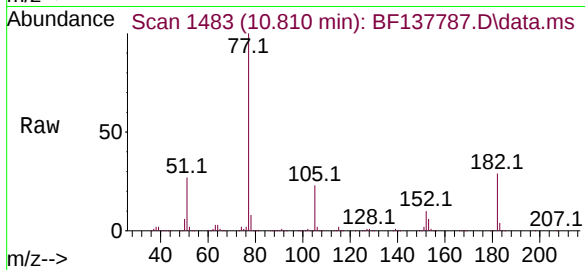
Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB160621BS



Tgt Ion: 77 Resp: 136596

Ion Ratio Lower Upper

77 100

182 28.5 5.1 45.1

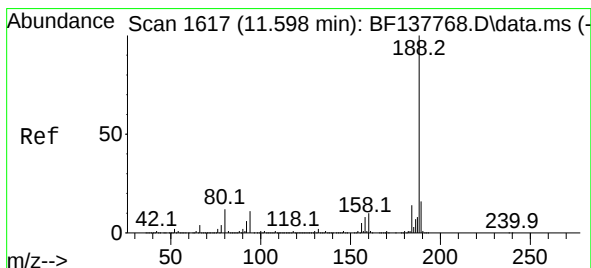
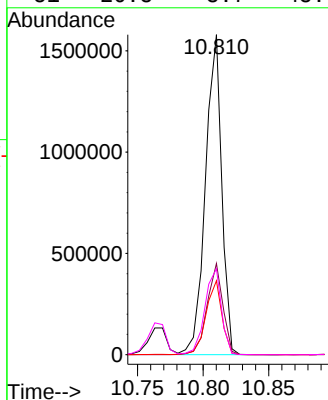
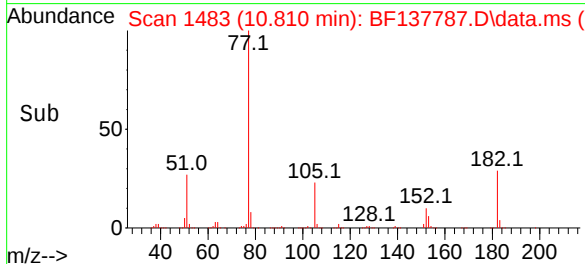
105 23.1 2.2 42.2

51 26.8 8.7 48.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.604 min Scan# 1618

Delta R.T. 0.006 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

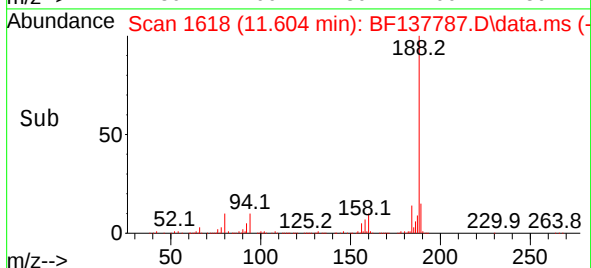
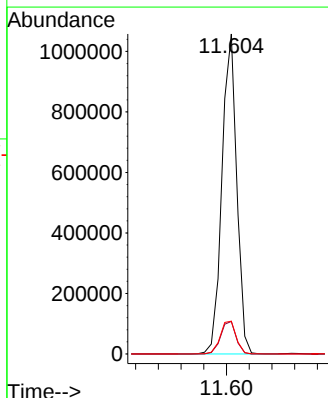
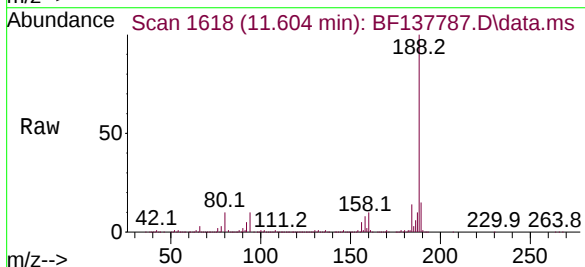
Tgt Ion:188 Resp: 958705

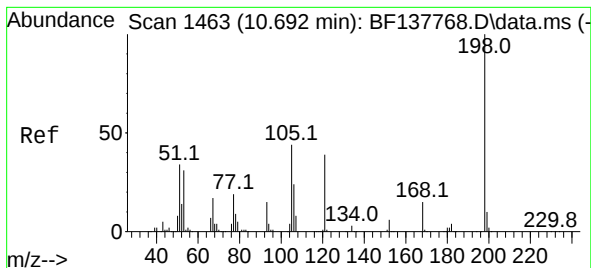
Ion Ratio Lower Upper

188 100

94 10.2 8.8 13.2

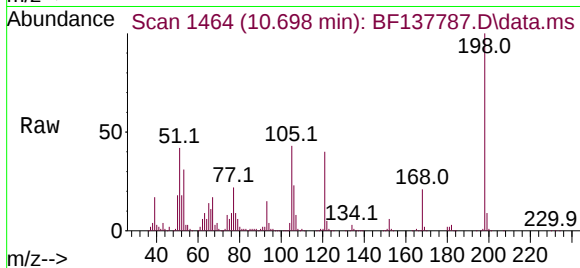
80 10.3 9.6 14.4





#65
4,6-Dinitro-2-methylphenol
Concen: 48.110 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

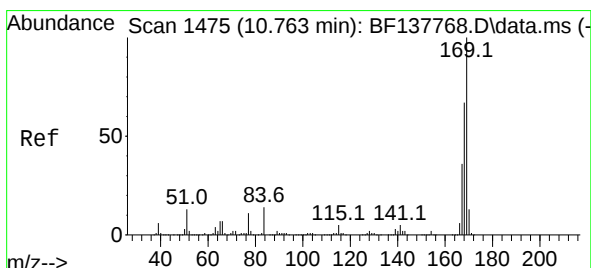
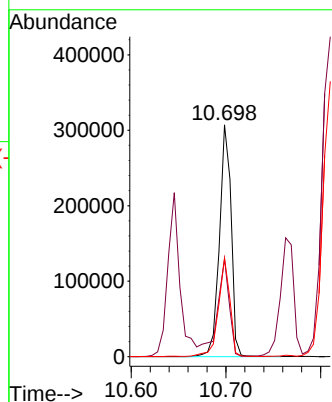
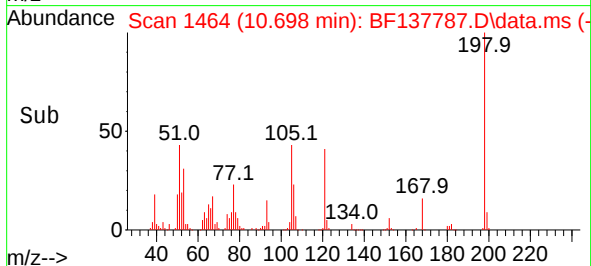
Instrument :
BNA_F
ClientSampleId :
PB160621BS



Tgt Ion:198 Resp: 264732
Ion Ratio Lower Upper
198 100
51 42.3 25.1 65.1
105 42.5 24.1 64.1

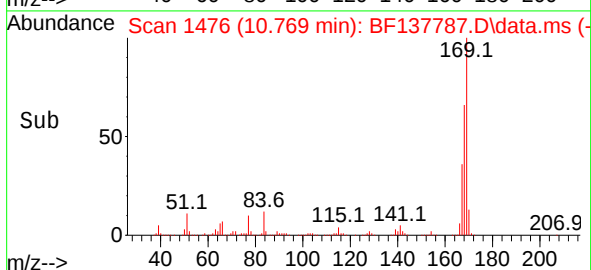
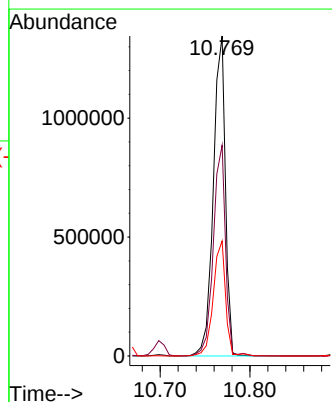
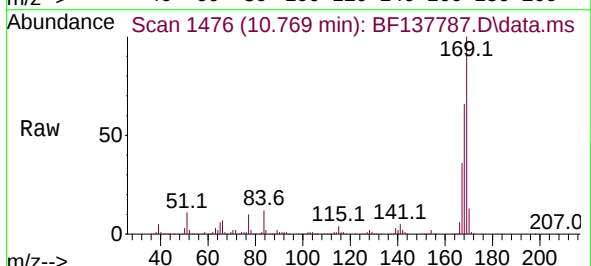
Manual Integrations
APPROVED

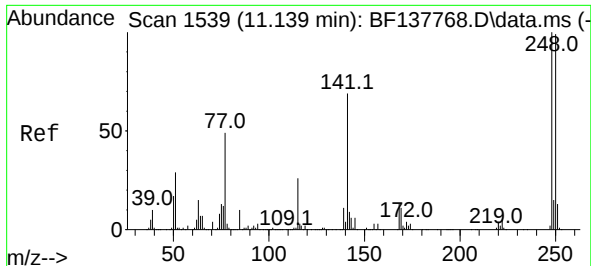
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#66
n-Nitrosodiphenylamine
Concen: 43.783 ng
RT: 10.769 min Scan# 1476
Delta R.T. 0.006 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Tgt Ion:169 Resp: 1256482
Ion Ratio Lower Upper
169 100
168 65.9 53.3 79.9
167 35.9 29.2 43.8





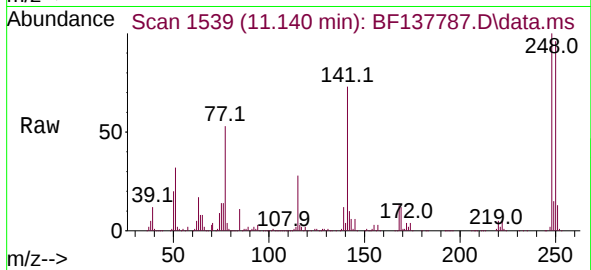
#67
4-Bromophenyl-phenylether
Concen: 43.195 ng
RT: 11.140 min Scan# 1539
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB160621BS

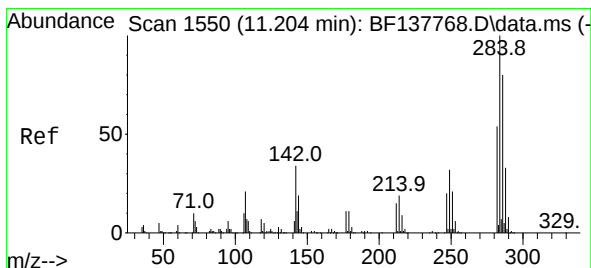
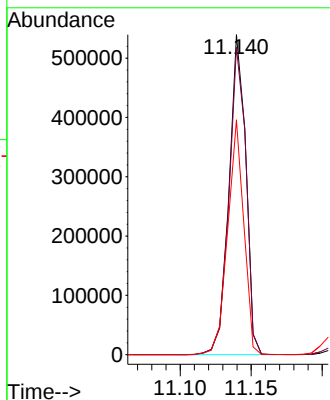
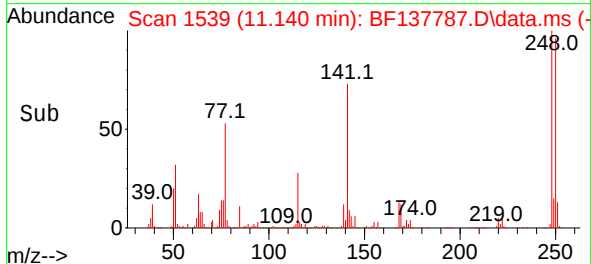


Tgt Ion:248 Resp: 443190
Ion Ratio Lower Upper
248 100
250 96.1 79.1 118.7
141 73.4 55.4 83.2

Manual Integrations

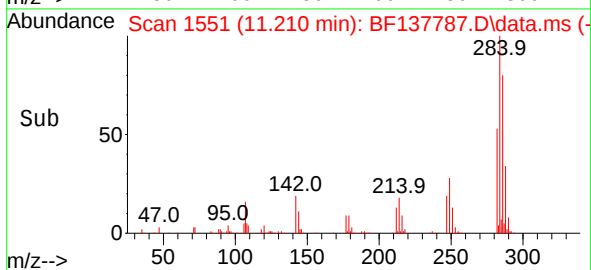
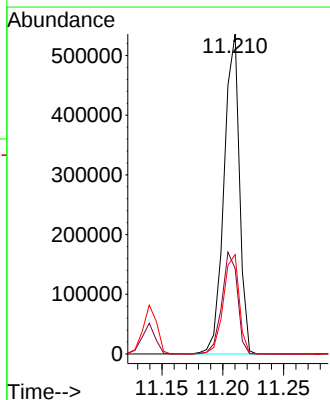
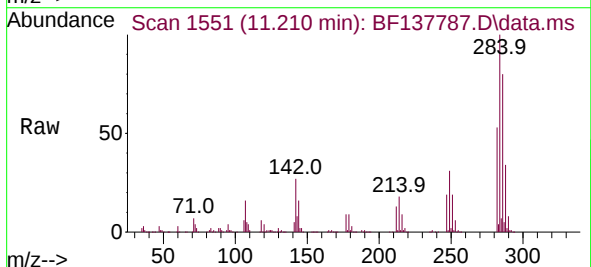
APPROVED

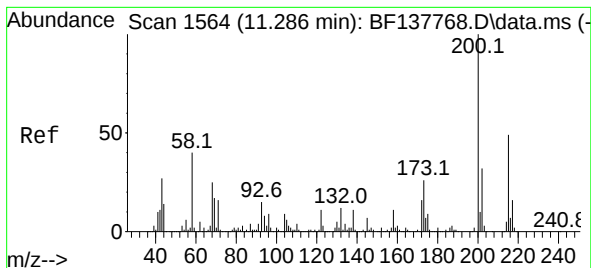
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#68
Hexachlorobenzene
Concen: 42.180 ng
RT: 11.210 min Scan# 1551
Delta R.T. 0.006 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Tgt Ion:284 Resp: 472939
Ion Ratio Lower Upper
284 100
142 26.7 27.3 40.9#
249 31.0 25.6 38.4





#69

Atrazine

Concen: 48.887 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.006 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB160621BS

Tgt Ion:200 Resp: 42777

Ion Ratio Lower Upper

200 100

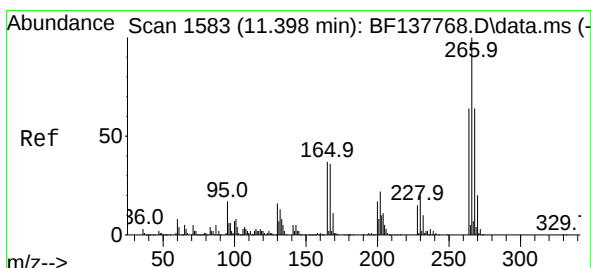
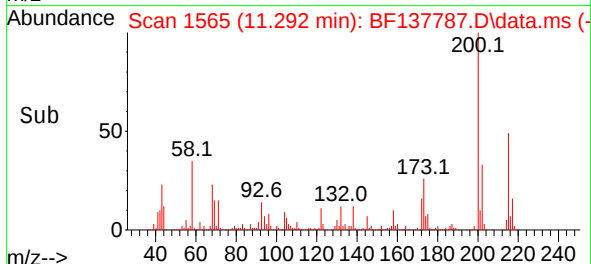
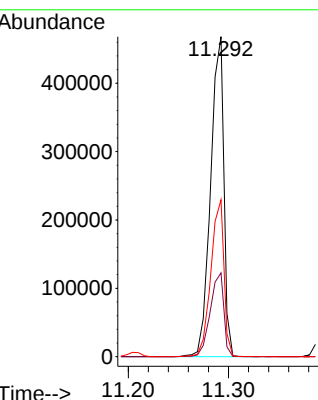
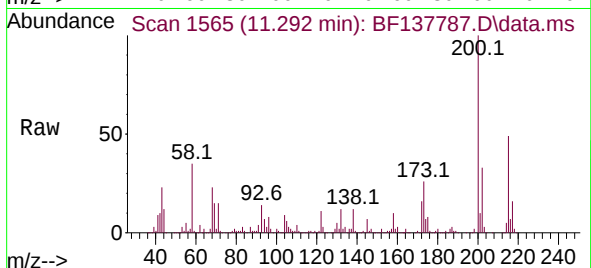
173 26.2 5.9 45.9

215 49.1 28.8 68.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#70

Pentachlorophenol

Concen: 79.241 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

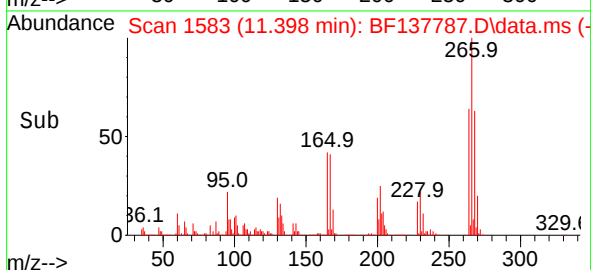
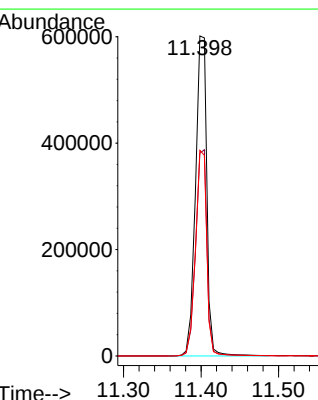
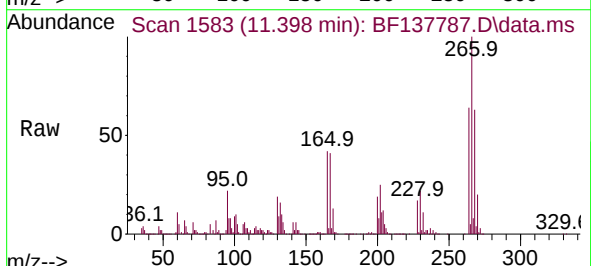
Tgt Ion:266 Resp: 609987

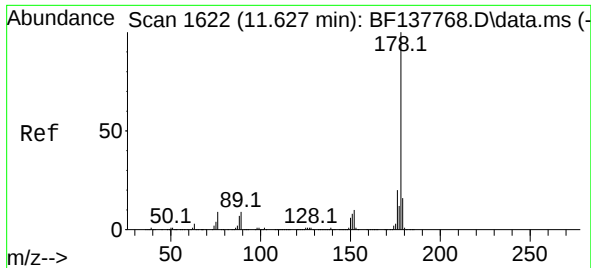
Ion Ratio Lower Upper

266 100

268 63.4 51.3 76.9

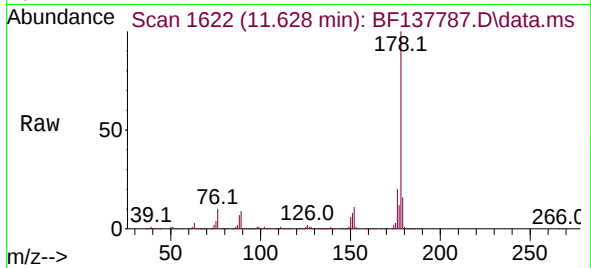
264 64.3 51.0 76.4





#71
Phenanthrene
Concen: 43.000 ng
RT: 11.628 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

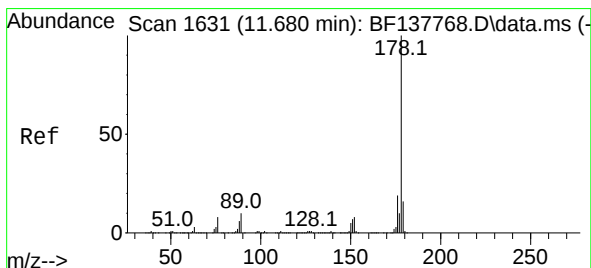
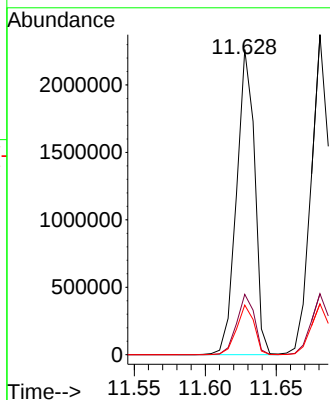
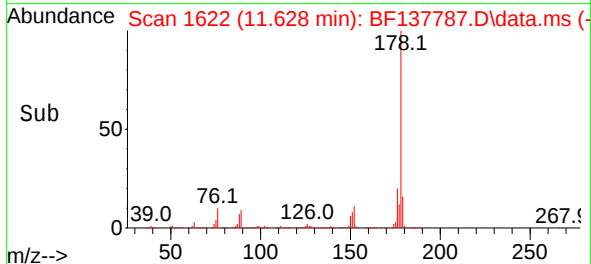
Instrument :
BNA_F
ClientSampleId :
PB160621BS



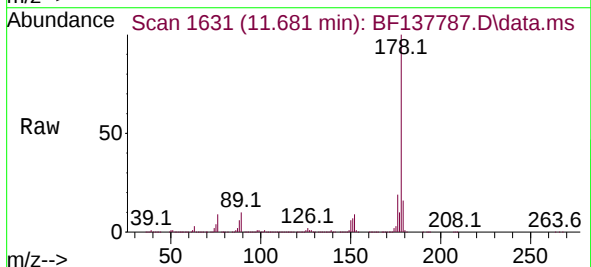
Tgt Ion:178 Resp: 2009324
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 16.3 12.5 18.7

Manual Integrations
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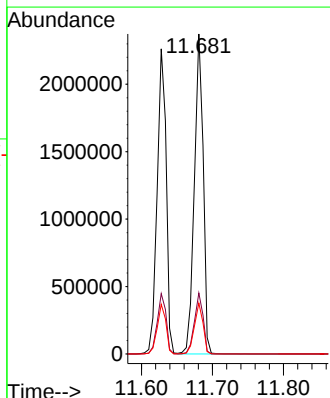
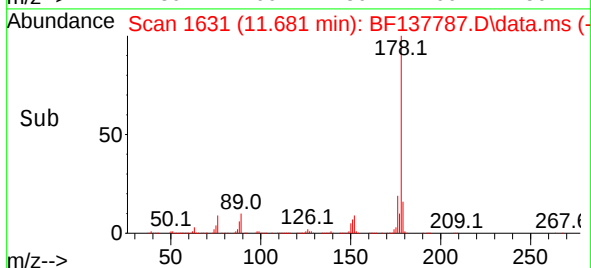
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

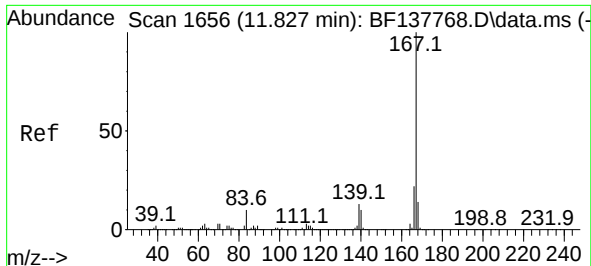


#72
Anthracene
Concen: 44.277 ng
RT: 11.681 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12



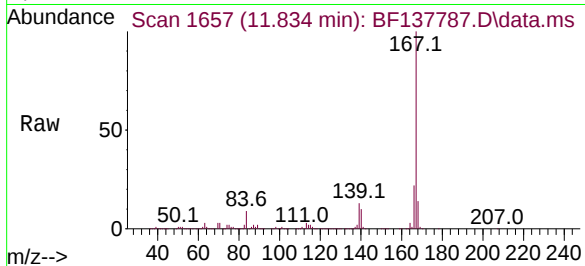
Tgt Ion:178 Resp: 2058642
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.9 12.6 18.8





#73
 Carbazole
 Concen: 41.648 ng
 RT: 11.834 min Scan# 1657
 Delta R.T. 0.006 min
 Lab File: BF137787.D
 Acq: 01 May 2024 12:12

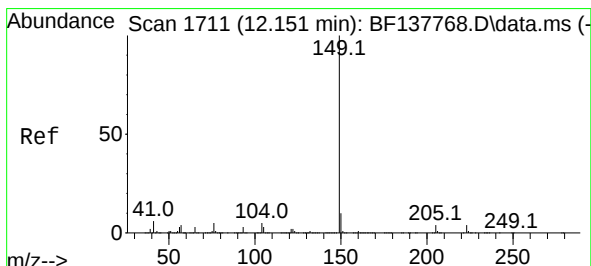
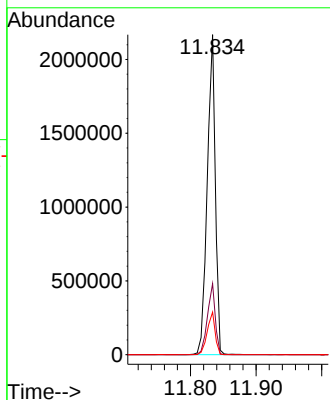
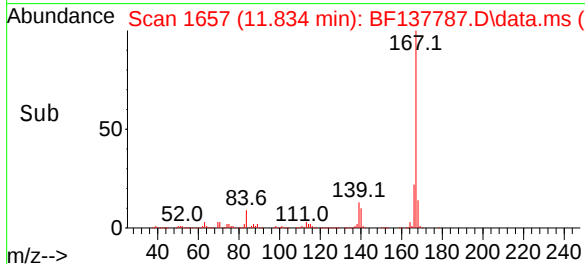
Instrument :
 BNA_F
 ClientSampleId :
 PB160621BS



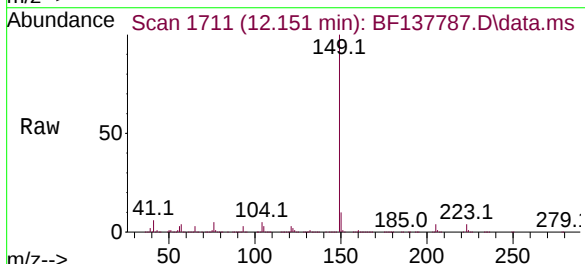
Tgt Ion:167 Resp: 1866224
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.3 10.5 15.7

Manual Integrations
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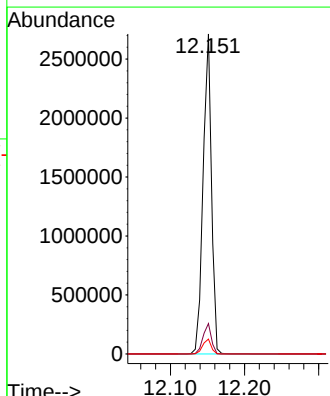
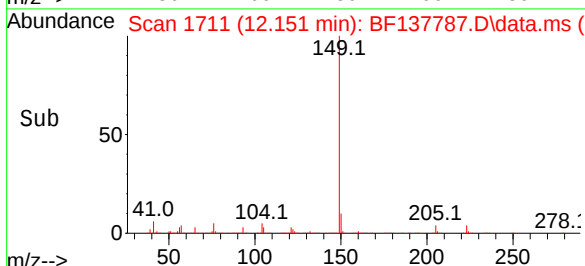
Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024

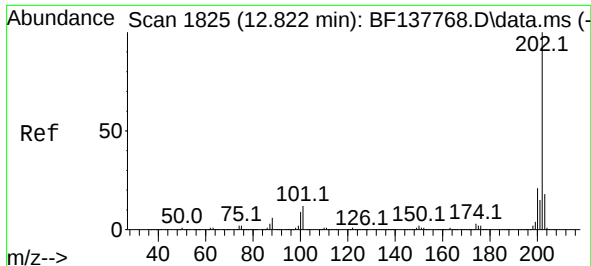


#74
 Di-n-butylphthalate
 Concen: 43.628 ng
 RT: 12.151 min Scan# 1711
 Delta R.T. 0.000 min
 Lab File: BF137787.D
 Acq: 01 May 2024 12:12



Tgt Ion:149 Resp: 2132508
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.6 3.8 5.8





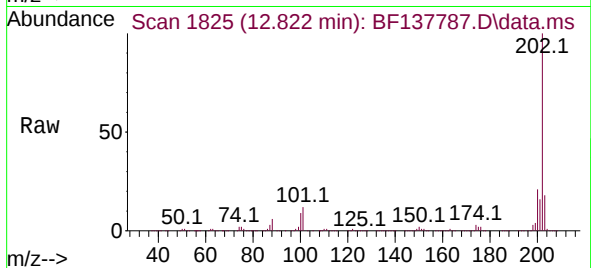
#75
Fluoranthene
Concen: 40.875 ng
RT: 12.822 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB160621BS

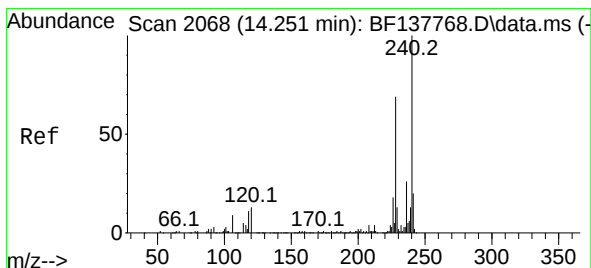
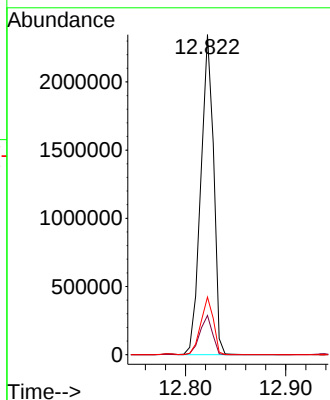
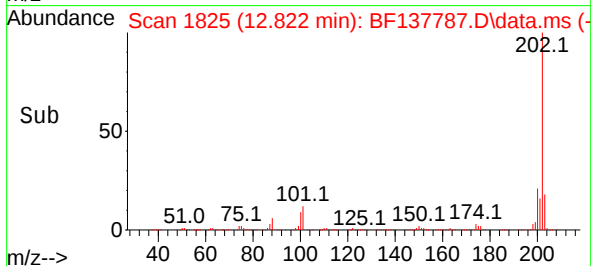


Tgt Ion:202 Resp: 2087908
Ion Ratio Lower Upper
202 100
101 12.3 0.0 31.8
203 18.0 0.0 37.8

Manual Integrations

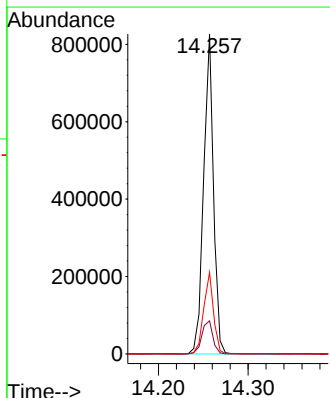
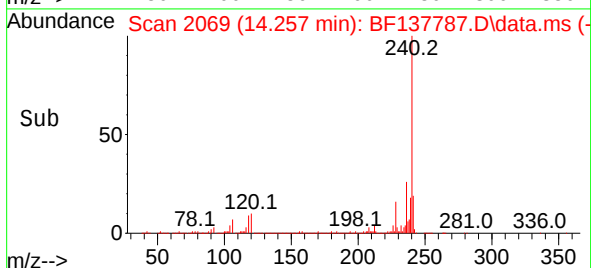
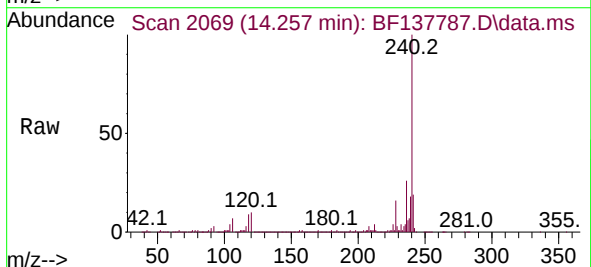
APPROVED

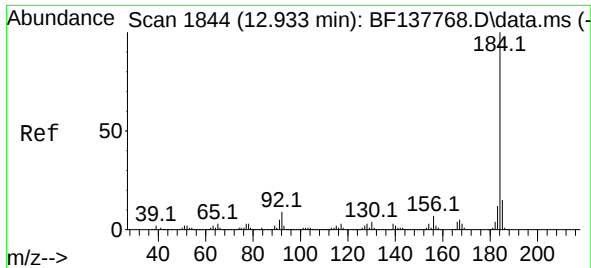
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.257 min Scan# 2069
Delta R.T. 0.006 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

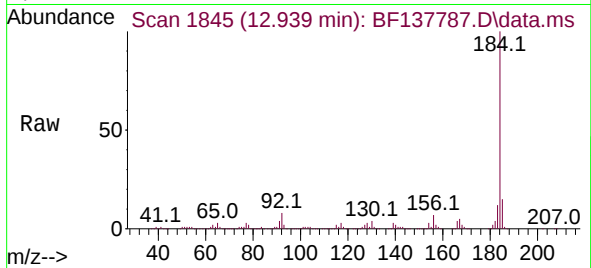
Tgt Ion:240 Resp: 629865
Ion Ratio Lower Upper
240 100
120 10.4 10.4 15.6#
236 25.5 20.4 30.6





#77
Benzidine
Concen: 55.370 ng
RT: 12.939 min Scan# 1844
Delta R.T. 0.006 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

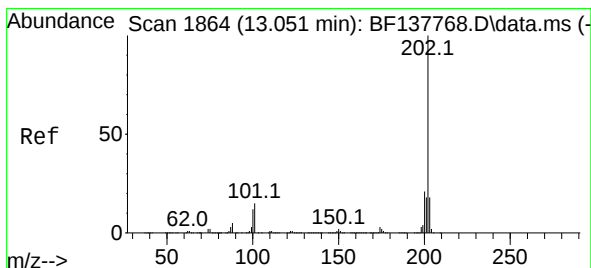
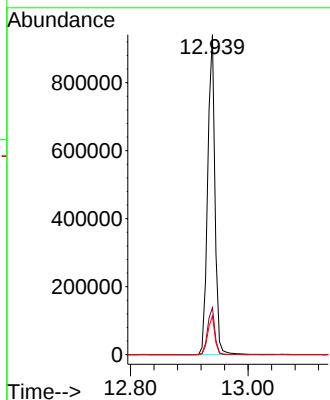
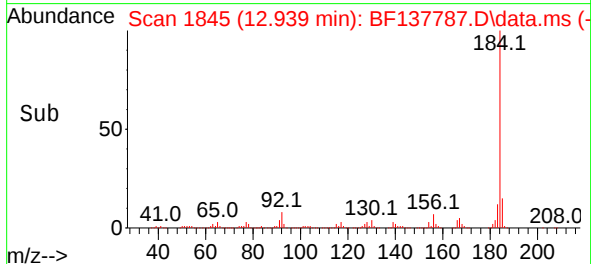
Instrument :
BNA_F
ClientSampleId :
PB160621BS



Tgt Ion:184 Resp: 806590
Ion Ratio Lower Upper
184 100
185 14.7 12.3 18.5
183 12.1 9.2 13.8

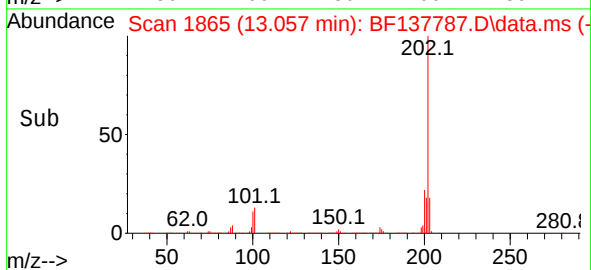
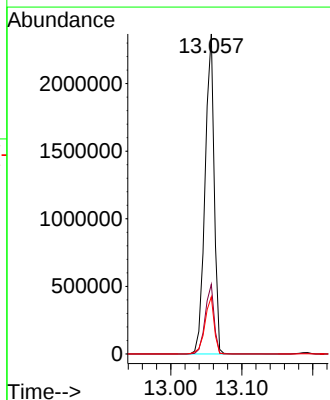
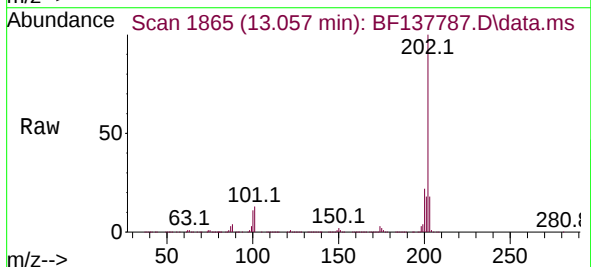
Manual Integrations
APPROVED

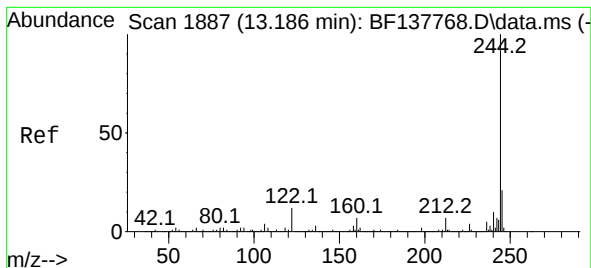
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#78
Pyrene
Concen: 42.323 ng
RT: 13.057 min Scan# 1865
Delta R.T. 0.006 min
Lab File: BF137787.D
Acq: 01 May 2024 12:12

Tgt Ion:202 Resp: 2113651
Ion Ratio Lower Upper
202 100
200 21.8 17.2 25.8
203 17.8 14.4 21.6





#79

Terphenyl-d14

Concen: 83.226 ng

RT: 13.192 min Scan# 1887

Delta R.T. 0.006 min

Lab File: BF137787.D

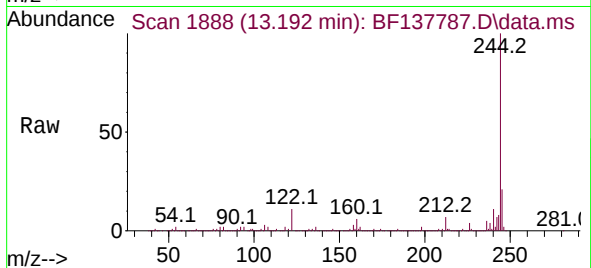
Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB160621BS



Tgt Ion:244 Resp: 3128000

Ion Ratio Lower Upper

244 100

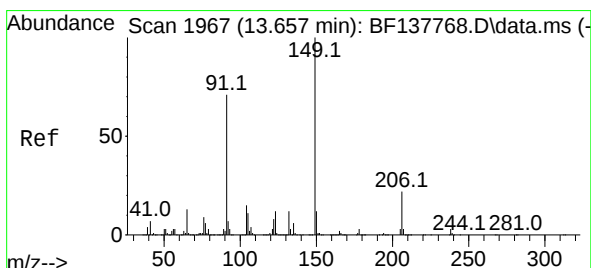
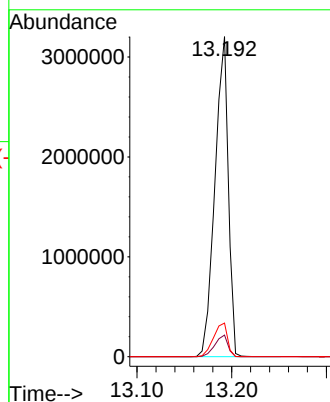
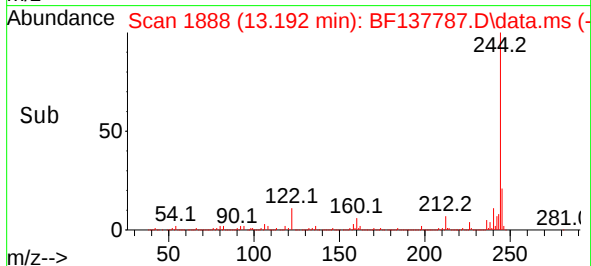
212 6.8 5.5 8.3

122 10.5 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#80

Butylbenzylphthalate

Concen: 50.820 ng

RT: 13.657 min Scan# 1967

Delta R.T. 0.000 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

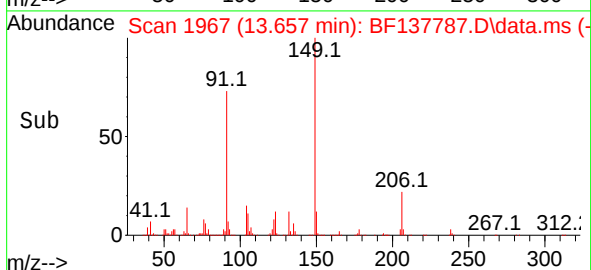
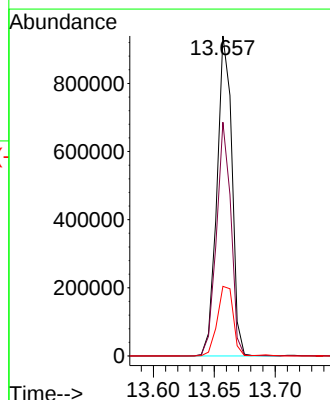
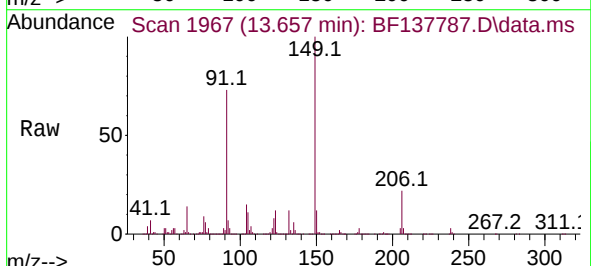
Tgt Ion:149 Resp: 805262

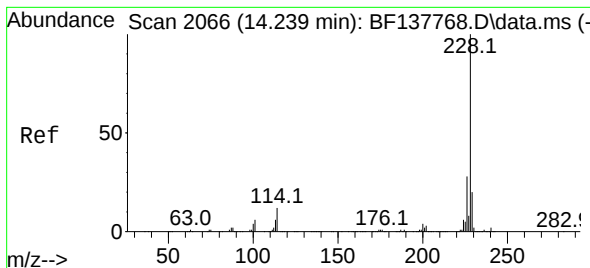
Ion Ratio Lower Upper

149 100

91 73.1 56.8 85.2

206 21.7 17.8 26.8





#81

Benzo(a)anthracene

Concen: 44.602 ng

RT: 14.245 min Scan# 2067

Delta R.T. 0.006 min

Lab File: BF137787.D

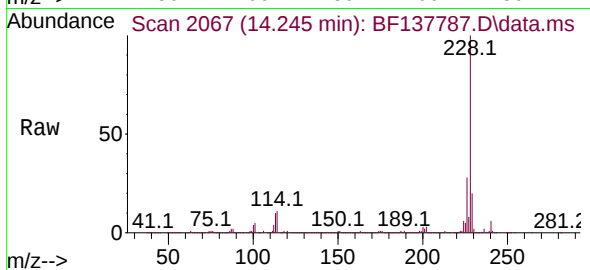
Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB160621BS



Tgt Ion:228 Resp: 1796800

Ion Ratio Lower Upper

228 100

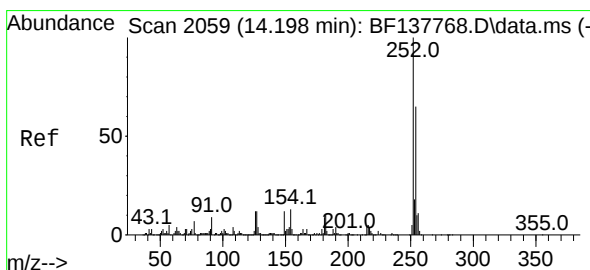
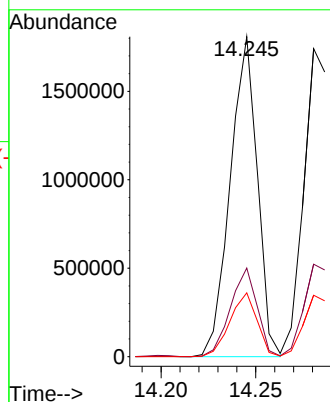
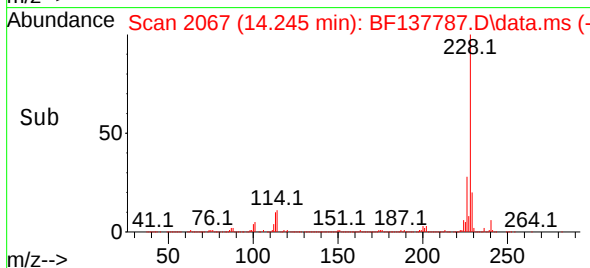
226 27.7 22.2 33.2

229 20.0 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#82

3,3'-Dichlorobenzidine

Concen: 29.310 ng

RT: 14.198 min Scan# 2059

Delta R.T. 0.000 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

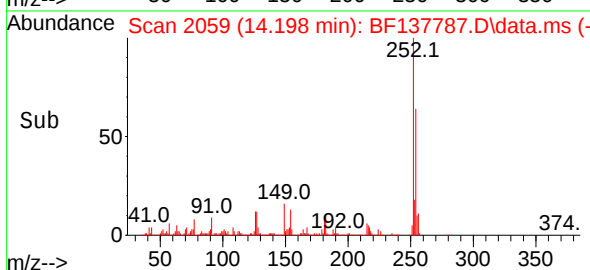
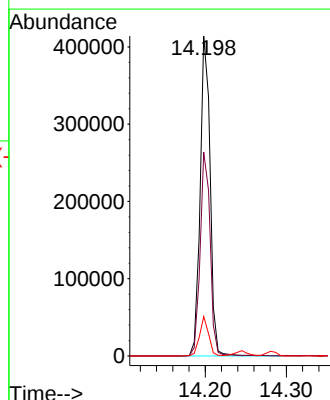
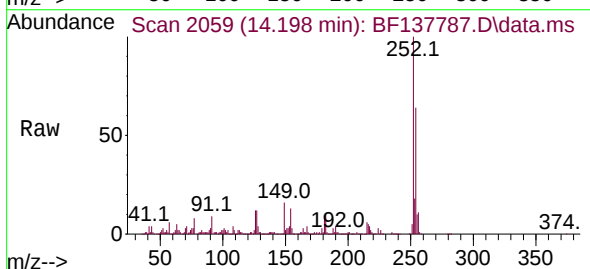
Tgt Ion:252 Resp: 353488

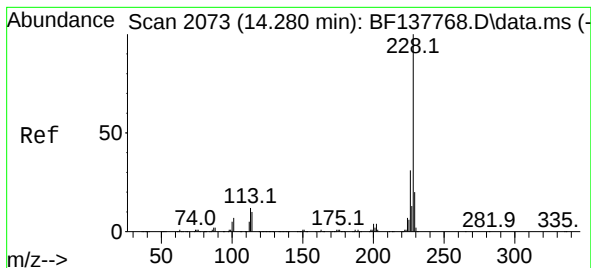
Ion Ratio Lower Upper

252 100

254 63.7 51.7 77.5

126 12.3 9.7 14.5





#83

Chrysene

Concen: 43.783 ng

RT: 14.281 min Scan# 2073

Delta R.T. 0.000 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

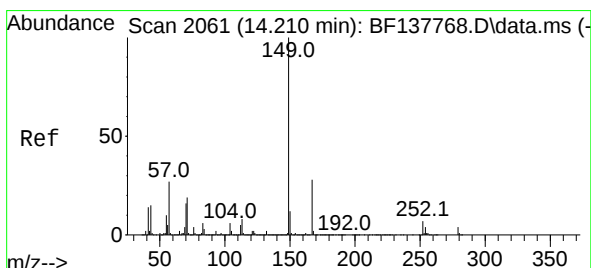
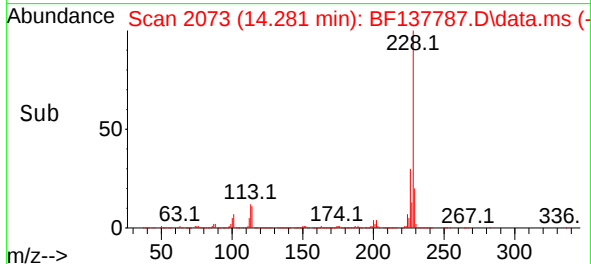
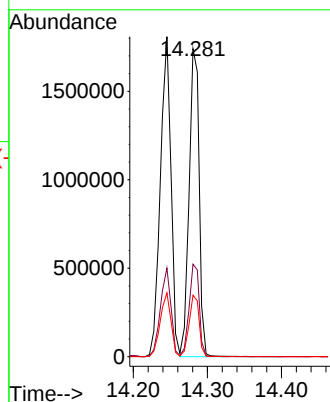
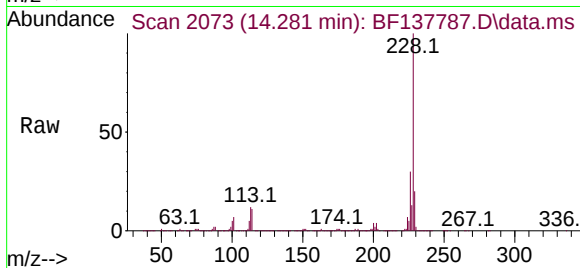
PB160621BS

Tgt Ion:228 Resp: 165152
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.8 37.2
 229 20.0 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.812 ng

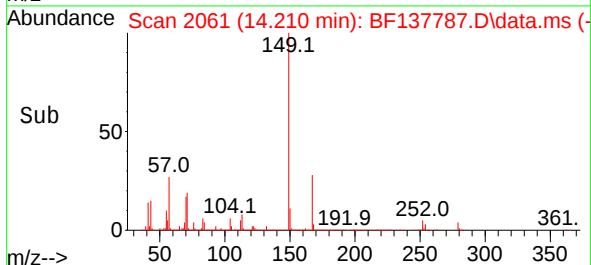
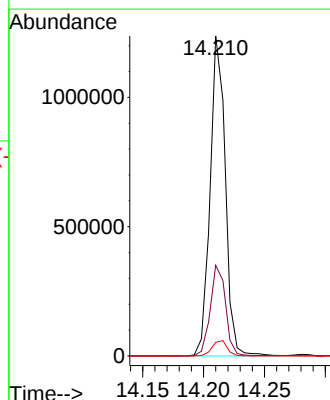
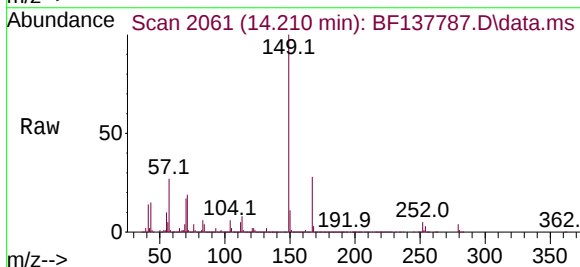
RT: 14.210 min Scan# 2061

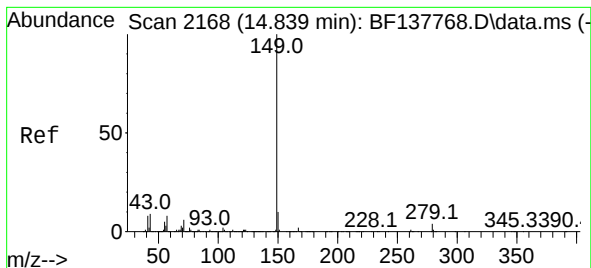
Delta R.T. 0.000 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

Tgt Ion:149 Resp: 1074596
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.4 33.6
 279 4.2 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 60.182 ng

RT: 14.845 min Scan# 2169

Delta R.T. 0.006 min

Lab File: BF137787.D

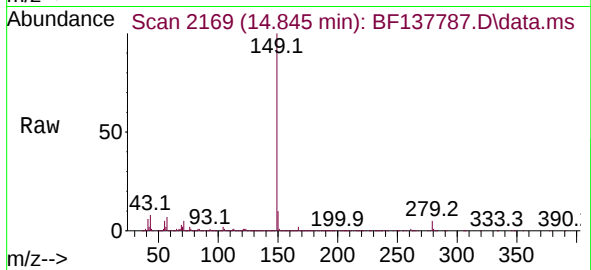
Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB160621BS



Tgt Ion:149 Resp: 161741

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

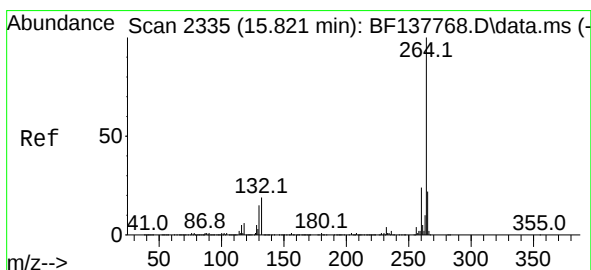
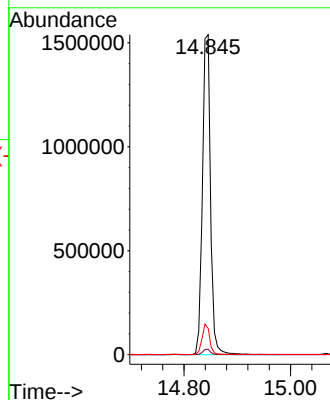
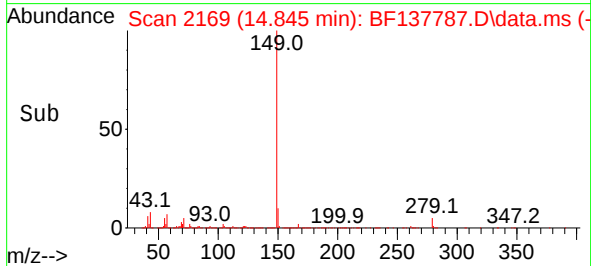
43 8.9 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024

Supervised By :mohammad ahmed 05/03/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.827 min Scan# 2336

Delta R.T. 0.006 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

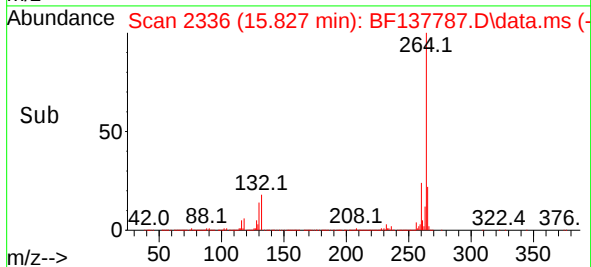
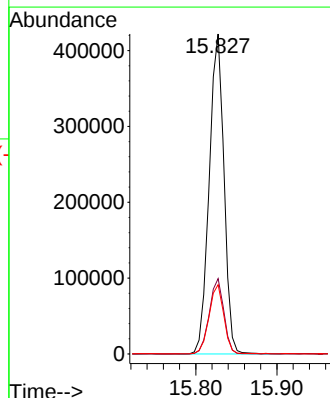
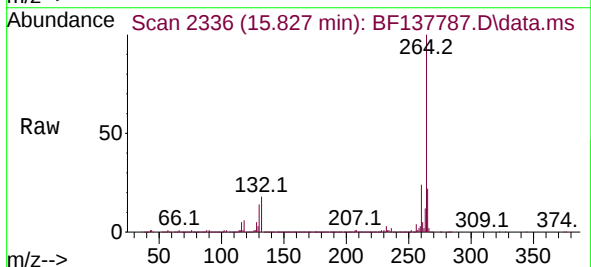
Tgt Ion:264 Resp: 533306

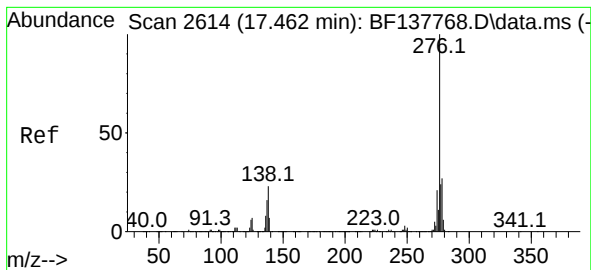
Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.240 ng

RT: 17.474 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB160621BS

Tgt Ion:276 Resp: 134135

Ion Ratio Lower Upper

276 100

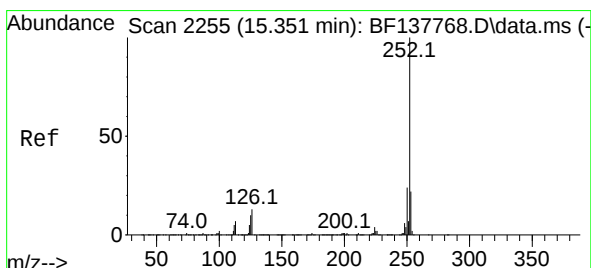
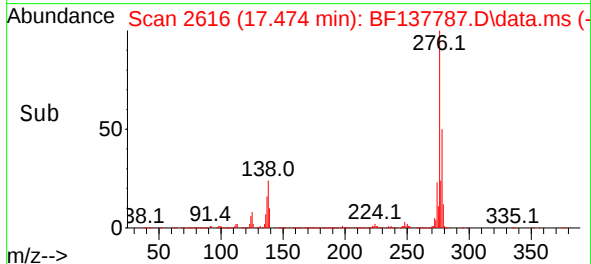
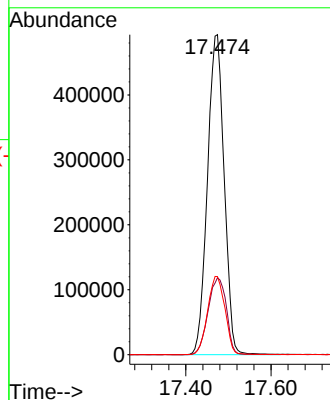
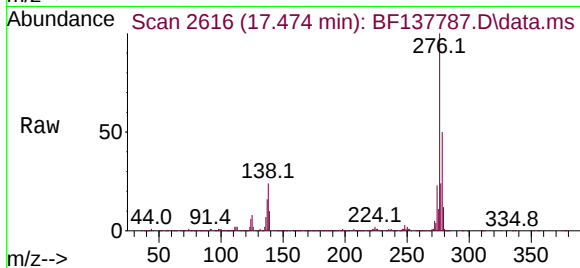
138 26.3 21.4 32.0

277 25.4 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#88

Benzo(b)fluoranthene

Concen: 43.376 ng

RT: 15.357 min Scan# 2256

Delta R.T. 0.006 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

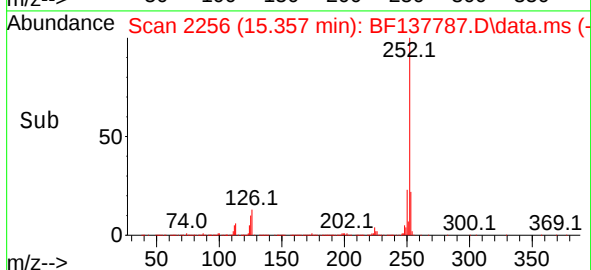
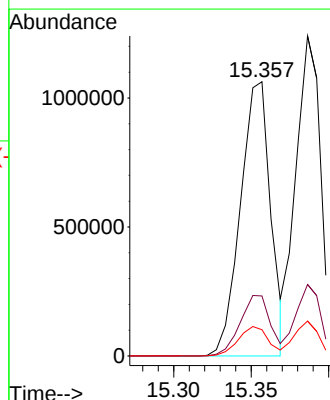
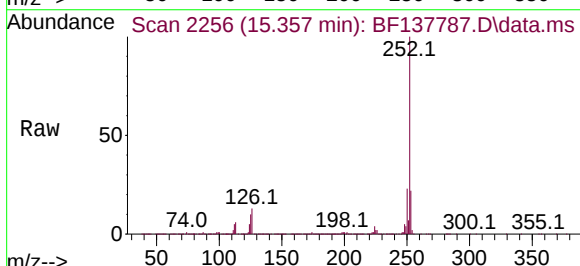
Tgt Ion:252 Resp: 1439260

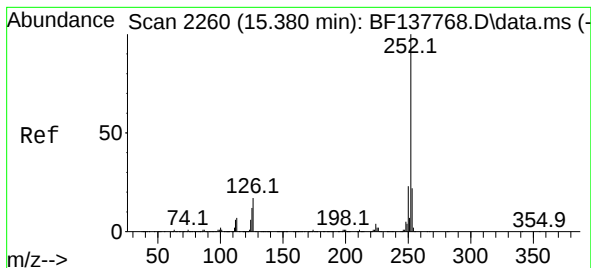
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.6 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 43.326 ng

RT: 15.386 min Scan# 2260

Delta R.T. 0.006 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB160621BS

Tgt Ion:252 Resp: 138949

Ion Ratio Lower Upper

252 100

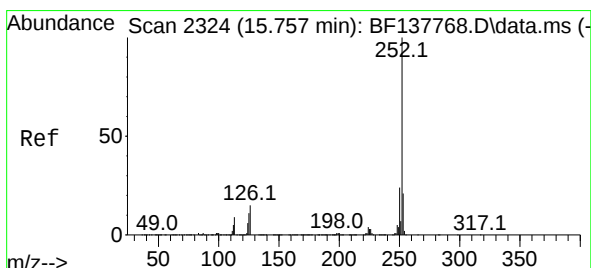
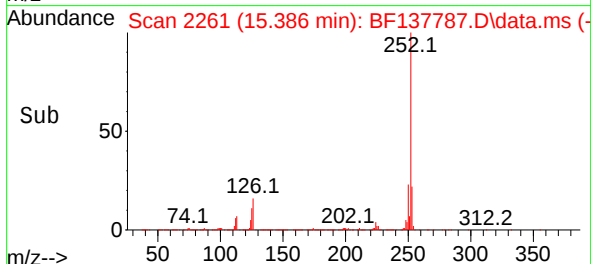
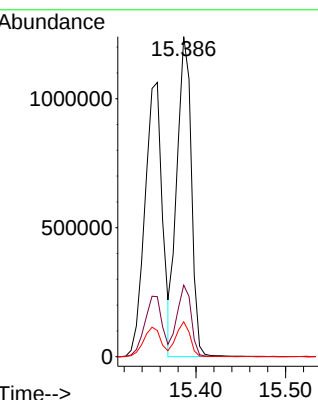
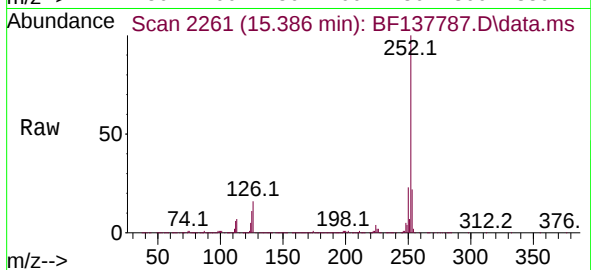
253 22.4 17.5 26.3

125 10.9 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#90

Benzo(a)pyrene

Concen: 46.147 ng

RT: 15.763 min Scan# 2325

Delta R.T. 0.006 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

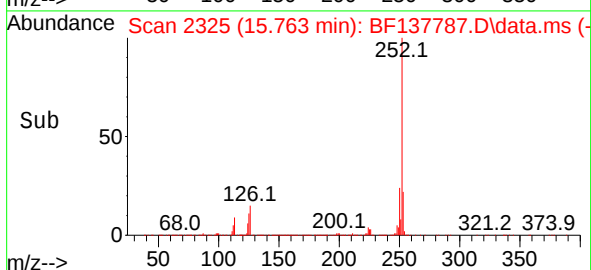
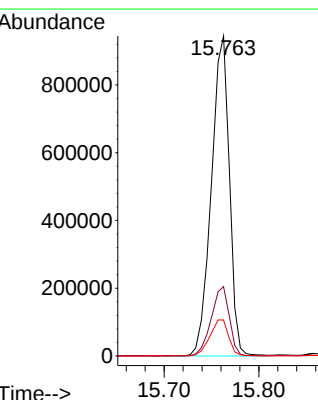
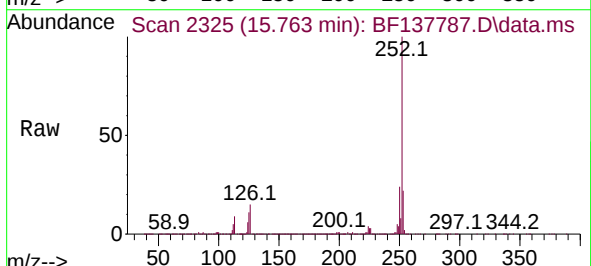
Tgt Ion:252 Resp: 1249198

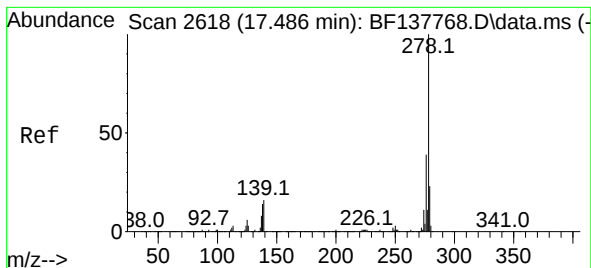
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 11.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 43.961 ng

RT: 17.492 min Scan# 2701

Delta R.T. 0.006 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

Instrument :

BNA_F

ClientSampleId :

PB160621BS

Tgt Ion:278 Resp: 108494

Ion Ratio Lower Upper

278 100

139 16.6 13.0 19.6

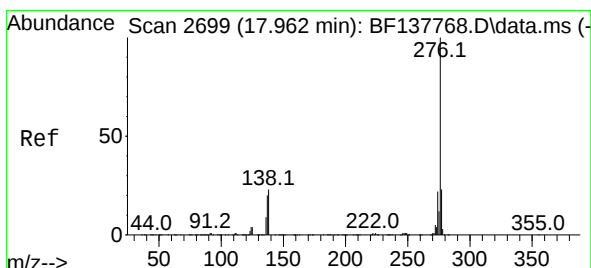
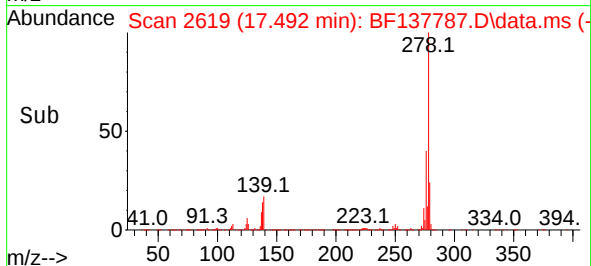
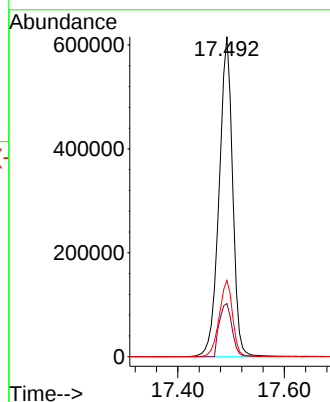
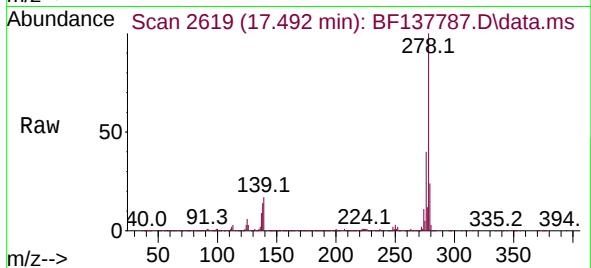
279 23.8 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024

Supervised By :mohammad ahmed 05/03/2024



#92

Benzo(g,h,i)perylene

Concen: 40.104 ng

RT: 17.974 min Scan# 2701

Delta R.T. 0.012 min

Lab File: BF137787.D

Acq: 01 May 2024 12:12

Tgt Ion:276 Resp: 1037576

Ion Ratio Lower Upper

276 100

277 23.8 18.0 27.0

138 23.6 18.1 27.1

