

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050324\
 Data File : BF137832.D
 Acq On : 03 May 2024 16:49
 Operator : CG\JU
 Sample : P2354-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 V359MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 20:11:19 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	7.051	152	174837	20.000	ng	0.00
21) Naphthalene-d8	8.340	136	725489	20.000	ng	# 0.00
39) Acenaphthene-d10	10.098	164	410003	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	631301	20.000	ng	0.00
76) Chrysene-d12	14.245	240	286230	20.000	ng	# 0.00
86) Perylene-d12	15.810	264	305123	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	1203956	115.294	ng	0.02
7) Phenol-d6	6.675	99	1449391	109.427	ng	0.00
23) Nitrobenzene-d5	7.622	82	1045644	83.737	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	538624	128.666	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2245858	88.868	ng	0.00
79) Terphenyl-d14	13.180	244	1856227	108.681	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.199	88	152379	32.405	ng	# 83
3) Pyridine	3.869	79	288871	25.382	ng	97
4) n-Nitrosodimethylamine	3.822	42	194849	38.021	ng	97
6) Aniline	6.716	93	230283	17.541	ng	98
8) 2-Chlorophenol	6.840	128	515271	45.278	ng	99
9) Benzaldehyde	6.610	77	171340	24.021	ng	96
10) Phenol	6.687	94	535052	39.423	ng	93
11) bis(2-Chloroethyl)ether	6.787	93	453150	42.641	ng	99
12) 1,3-Dichlorobenzene	6.998	146	505179	39.366	ng	96
13) 1,4-Dichlorobenzene	7.069	146	515196	40.010	ng	99
14) 1,2-Dichlorobenzene	7.222	146	504852	41.627	ng	97
15) Benzyl Alcohol	7.193	79	446219	48.715	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.316	45	585894	39.224	ng	96
17) 2-Methylphenol	7.293	107	421646	45.918	ng	98
18) Hexachloroethane	7.569	117	183430	42.138	ng	97
19) n-Nitroso-di-n-propyla...	7.463	70	359624	45.433	ng	98
20) 3+4-Methylphenols	7.445	107	526053	43.543	ng	92
22) Acetophenone	7.463	105	711258	43.591	ng	99
24) Nitrobenzene	7.640	77	526086	40.877	ng	94
25) Isophorone	7.875	82	1024249	45.493	ng	98
26) 2-Nitrophenol	7.951	139	281804	48.353	ng	94
27) 2,4-Dimethylphenol	7.975	122	399495	47.613	ng	93
28) bis(2-Chloroethoxy)met...	8.075	93	608517	44.639	ng	100
29) 2,4-Dichlorophenol	8.187	162	469779	46.322	ng	99
30) 1,2,4-Trichlorobenzene	8.275	180	471948	42.688	ng	99
31) Naphthalene	8.357	128	1529863	42.433	ng	100
32) Benzoic acid	8.098	122	329294	45.492	ng	96
33) 4-Chloroaniline	8.398	127	87670	6.557	ng	99
34) Hexachlorobutadiene	8.469	225	286199	42.164	ng	99
35) Caprolactam	8.781	113	126715m	39.435	ng	
36) 4-Chloro-3-methylphenol	8.881	107	486695	46.019	ng	96
37) 2-Methylnaphthalene	9.051	142	1051880	45.072	ng	99
38) 1-Methylnaphthalene	9.151	142	971439	42.310	ng	100
40) 1,2,4,5-Tetrachloroben...	9.216	216	493524	45.448	ng	99
41) Hexachlorocyclopentadiene	9.204	237	556078	126.074	ng	99
43) 2,4,6-Trichlorophenol	9.328	196	346416	46.864	ng	98

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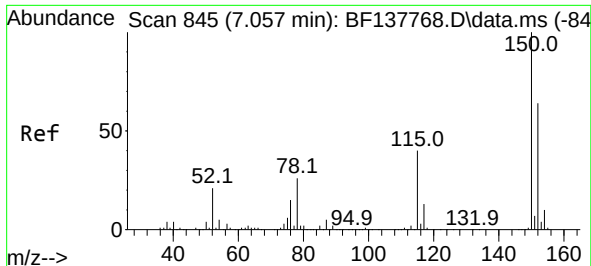
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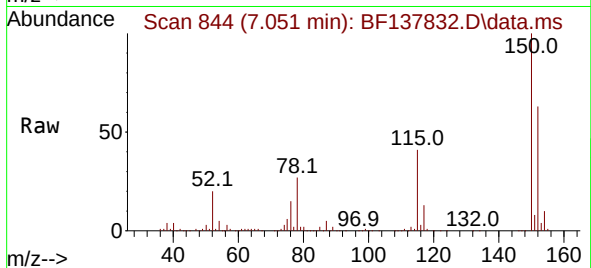
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	369034	45.213	ng	97
46) 1,1'-Biphenyl	9.516	154	1297466	46.111	ng	99
47) 2-Chloronaphthalene	9.545	162	999915	44.016	ng	98
48) 2-Nitroaniline	9.639	65	271949	44.140	ng	95
49) Acenaphthylene	9.963	152	1575373	47.939	ng	100
50) Dimethylphthalate	9.816	163	1248164	48.223	ng	100
51) 2,6-Dinitrotoluene	9.881	165	271094	45.831	ng	94
52) Acenaphthene	10.134	154	1051802	48.287	ng	99
53) 3-Nitroaniline	10.051	138	123762	19.980	ng	98
54) 2,4-Dinitrophenol	10.157	184	267849	92.158	ng	93
55) Dibenzofuran	10.310	168	1388322	43.798	ng	98
56) 4-Nitrophenol	10.204	139	302123	58.849	ng	96
57) 2,4-Dinitrotoluene	10.286	165	347974	45.030	ng	96
58) Fluorene	10.651	166	1095170	43.412	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.422	232	295051	44.526	ng	98
60) Diethylphthalate	10.516	149	1170743	47.625	ng	100
61) 4-Chlorophenyl-phenyle...	10.639	204	554256	44.590	ng	96
62) 4-Nitroaniline	10.669	138	206654	32.891	ng	90
63) Azobenzene	10.804	77	1035948	43.603	ng	94
65) 4,6-Dinitro-2-methylph...	10.692	198	186954	51.596	ng	95
66) n-Nitrosodiphenylamine	10.763	169	948568	50.196	ng	100
67) 4-Bromophenyl-phenylether	11.133	248	341741	50.581	ng	96
68) Hexachlorobenzene	11.198	284	356535	48.289	ng	97
69) Atrazine	11.281	200	313081	54.336	ng	97
70) Pentachlorophenol	11.392	266	417264	82.317	ng	100
71) Phenanthrene	11.622	178	1421931	46.211	ng	100
72) Anthracene	11.675	178	1421942	46.444	ng	100
73) Carbazole	11.822	167	1163660	39.437	ng	98
74) Di-n-butylphthalate	12.145	149	1640056	50.954	ng	99
75) Fluoranthene	12.810	202	1204567	35.812	ng	100
77) Benzidine	12.927	184	62718	9.474	ng	99
78) Pyrene	13.045	202	1166595	51.404	ng	99
80) Butylbenzylphthalate	13.651	149	475134	65.985	ng	95
81) Benzo(a)anthracene	14.233	228	867028	47.360	ng	99
82) 3,3'-Dichlorobenzidine	14.192	252	160963	29.370	ng	98
83) Chrysene	14.269	228	818786	47.767	ng	98
84) Bis(2-ethylhexyl)phtha...	14.204	149	668397	73.654	ng	# 98
85) Di-n-octyl phthalate	14.833	149	1019807	83.502	ng	97
87) Indeno(1,2,3-cd)pyrene	17.445	276	732611	42.232	ng	98
88) Benzo(b)fluoranthene	15.339	252	868157	45.731	ng	99
89) Benzo(k)fluoranthene	15.374	252	802435	43.732	ng	99
90) Benzo(a)pyrene	15.745	252	761376	49.160	ng	99
91) Dibenzo(a,h)anthracene	17.468	278	587604	41.615	ng	99
92) Benzo(g,h,i)perylene	17.945	276	535885	36.203	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

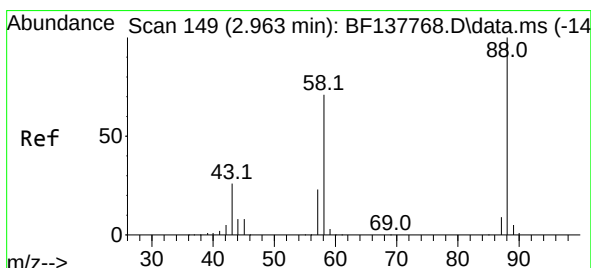
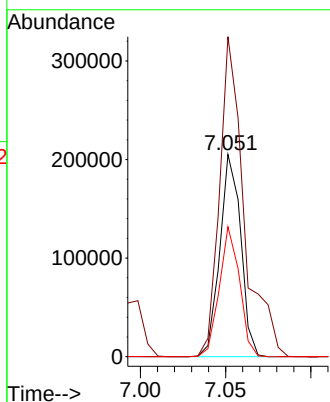
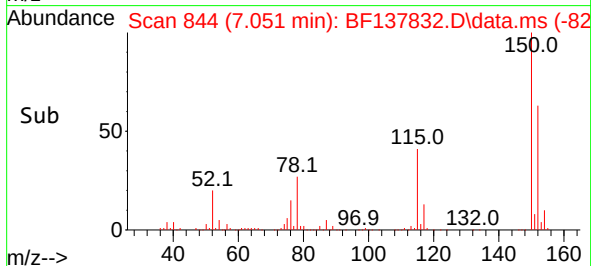
Instrument :
BNA_F
ClientSampleId :
V359MS



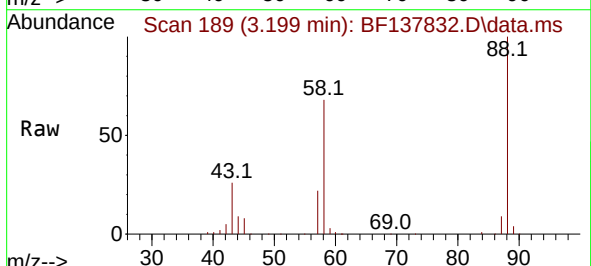
Tgt Ion:152 Resp: 17483
Ion Ratio Lower Upper
152 100
150 158.3 124.1 186.1
115 64.2 49.1 73.7

Manual Integrations
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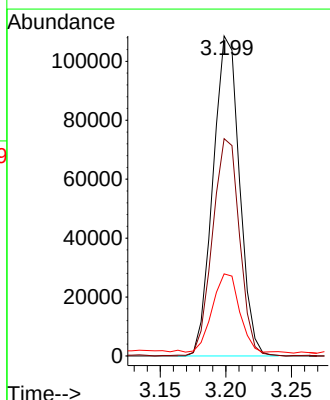
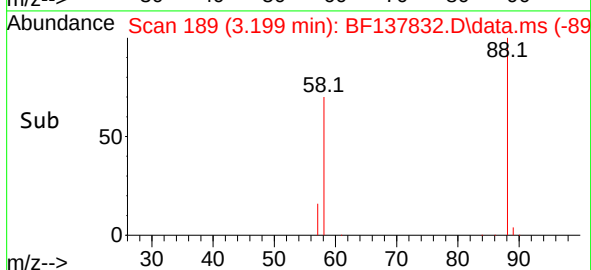
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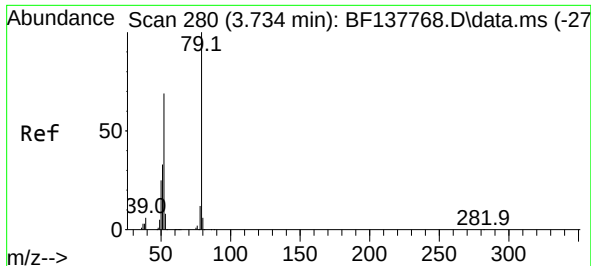


#2
1,4-Dioxane
Concen: 32.405 ng
RT: 3.199 min Scan# 189
Delta R.T. 0.235 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49



Tgt Ion: 88 Resp: 152379
Ion Ratio Lower Upper
88 100
58 69.3 58.8 88.2
43 0.0 21.4 32.0#





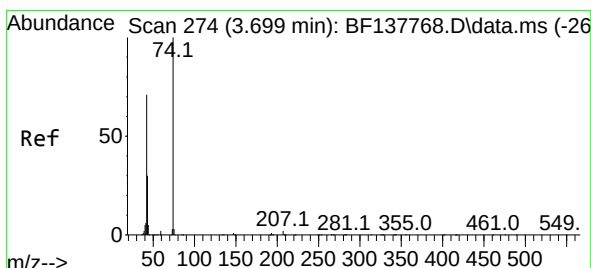
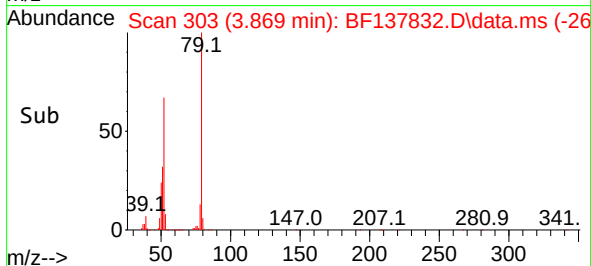
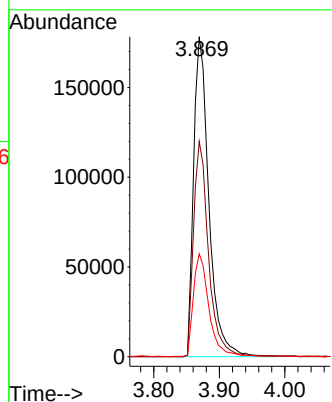
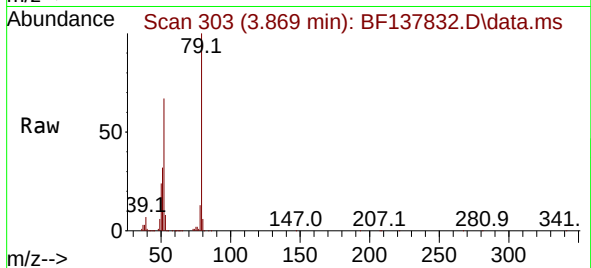
#3
Pyridine
Concen: 25.382 ng
RT: 3.869 min Scan# 30
Delta R.T. 0.135 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Instrument :
BNA_F
ClientSampleId :
V359MS

Tgt Ion: 79 Resp: 28887
Ion Ratio Lower Upper
79 100
52 67.3 55.5 83.3
51 32.2 26.9 40.3

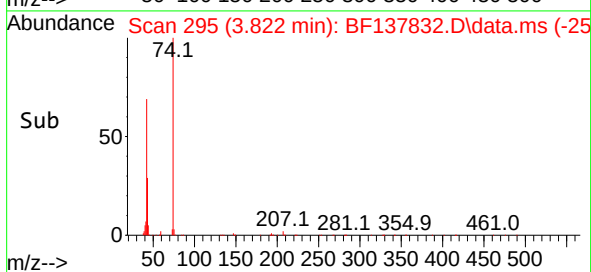
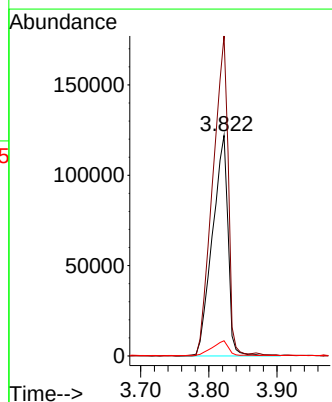
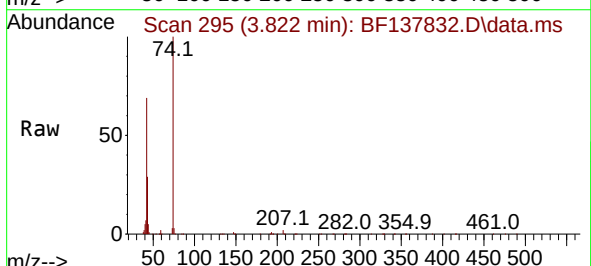
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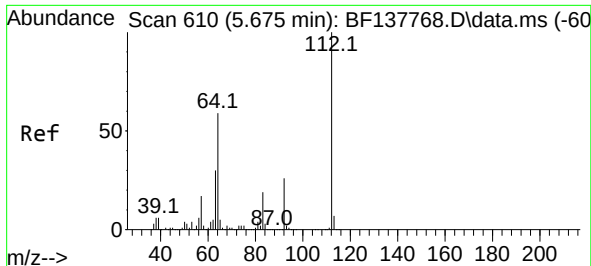
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#4
n-Nitrosodimethylamine
Concen: 38.021 ng
RT: 3.822 min Scan# 295
Delta R.T. 0.124 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Tgt Ion: 42 Resp: 194849
Ion Ratio Lower Upper
42 100
74 145.1 112.9 169.3
44 6.9 5.6 8.4





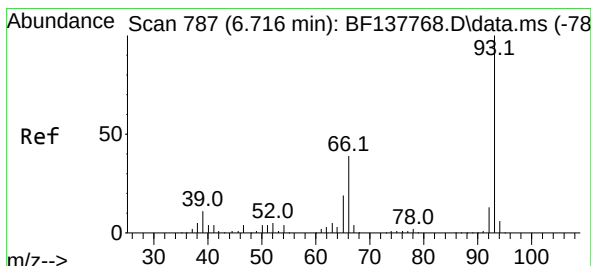
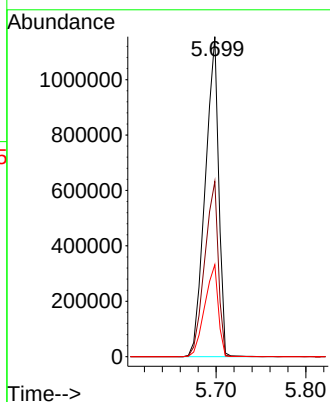
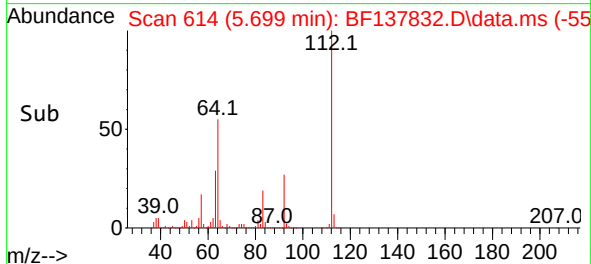
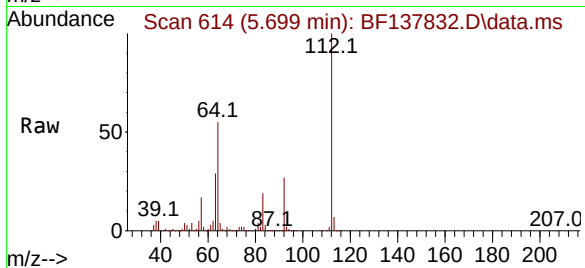
#5
2-Fluorophenol
Concen: 115.294 ng
RT: 5.699 min Scan# 610
Delta R.T. 0.024 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Instrument :
BNA_F
ClientSampleId :
V359MS

Tgt Ion:112 Resp: 1203950
Ion Ratio Lower Upper
112 100
64 54.8 47.3 70.9
63 28.7 23.7 35.5

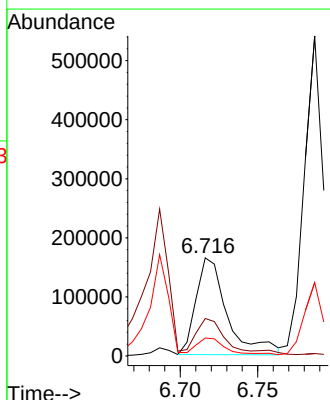
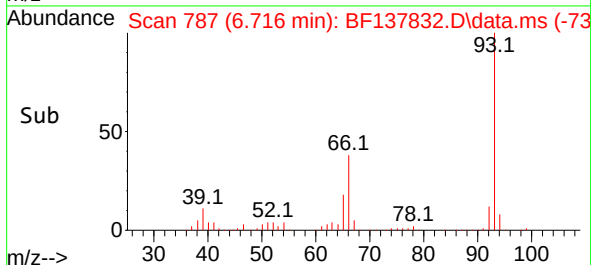
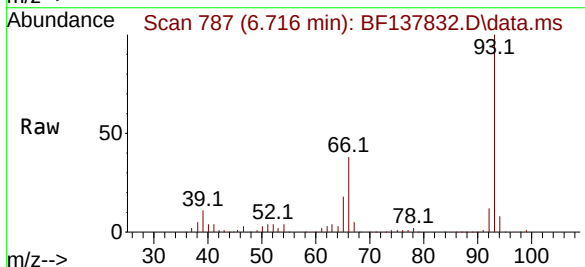
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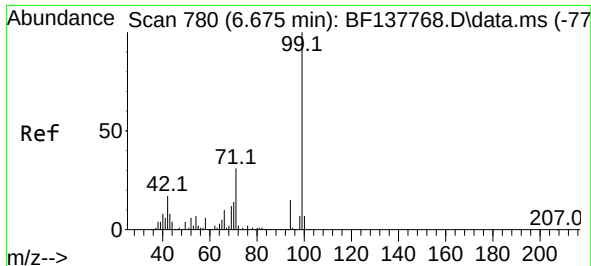
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#6
Aniline
Concen: 17.541 ng
RT: 6.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

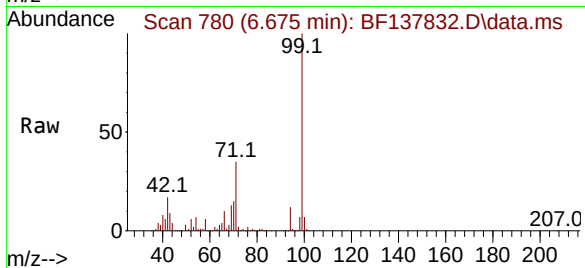
Tgt Ion: 93 Resp: 230283
Ion Ratio Lower Upper
93 100
66 38.1 31.8 47.6
65 18.4 15.4 23.2





#7
Phenol-d6
Concen: 109.427 ng
RT: 6.675 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

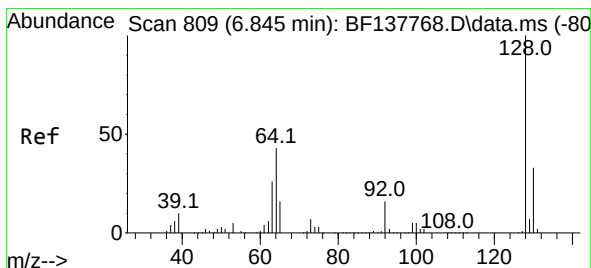
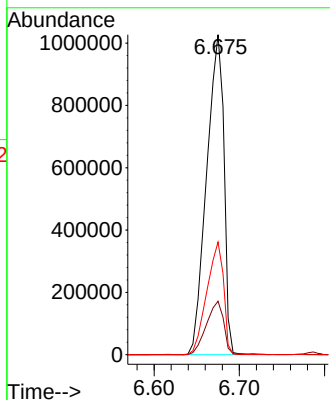
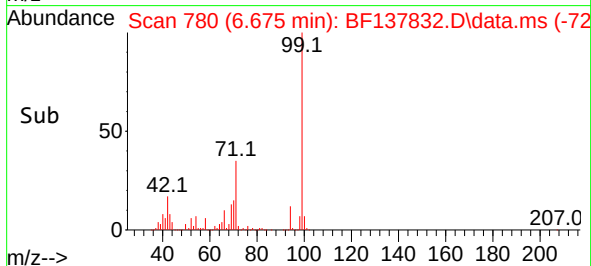
Instrument :
BNA_F
ClientSampleId :
V359MS



Tgt Ion: 99 Resp: 144939
Ion Ratio Lower Upper
99 100
42 16.7 13.2 19.8
71 35.2 25.0 37.4

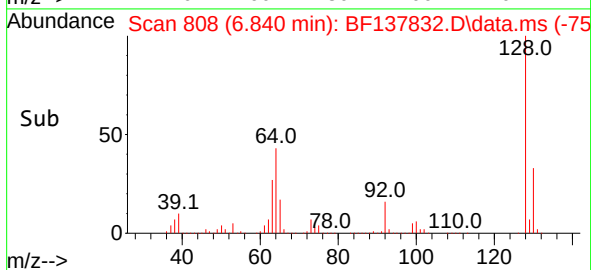
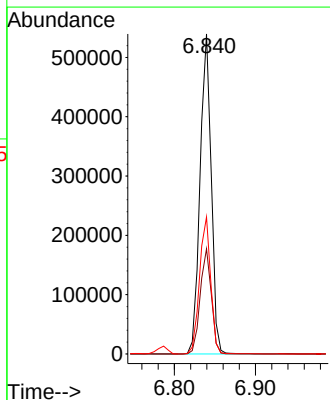
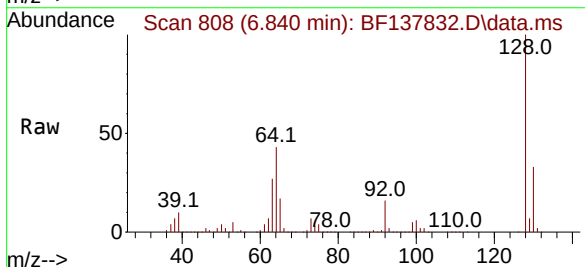
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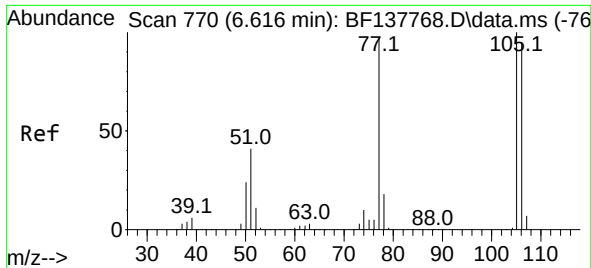
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#8
2-Chlorophenol
Concen: 45.278 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Tgt Ion:128 Resp: 515271
Ion Ratio Lower Upper
128 100
130 32.8 12.5 52.5
64 42.8 23.9 63.9





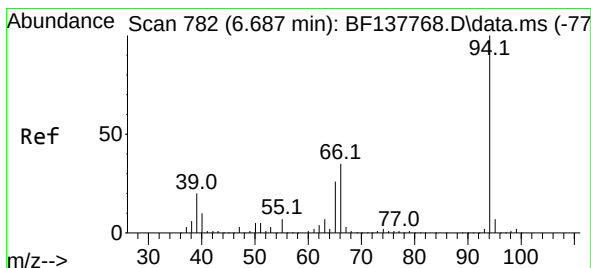
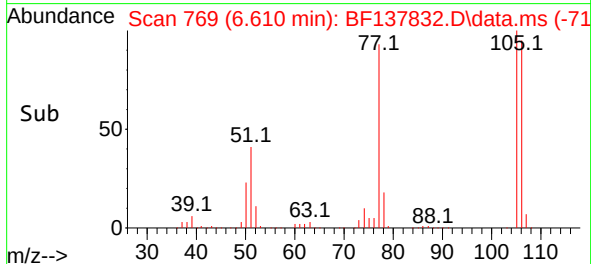
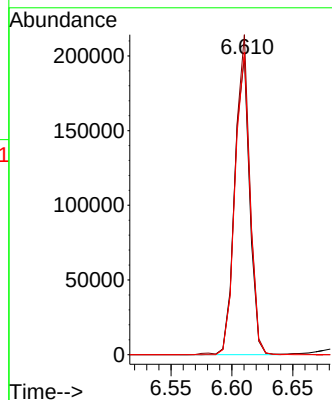
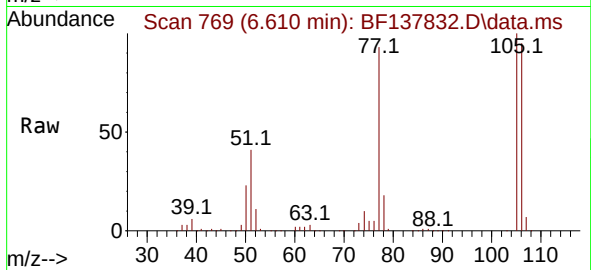
#9
Benzaldehyde
Concen: 24.021 ng
RT: 6.610 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Instrument :
BNA_F
ClientSampleId :
V359MS

Tgt Ion: 77 Resp: 171340
Ion Ratio Lower Upper
77 100
105 107.4 83.2 123.2
106 101.5 77.7 117.7

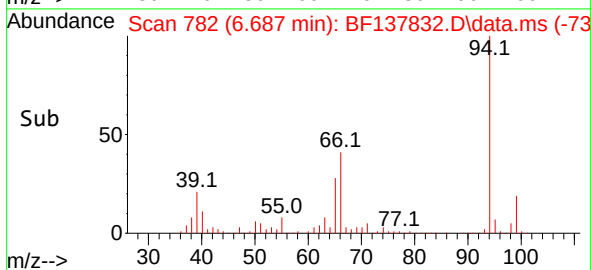
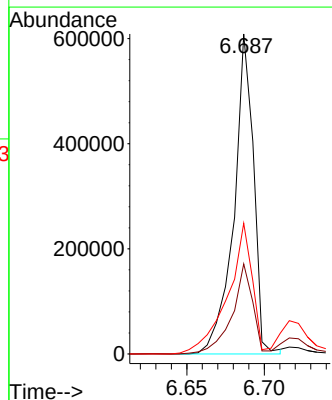
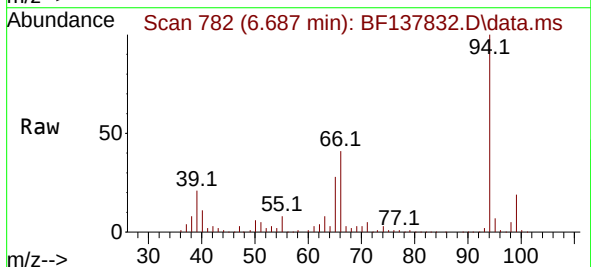
Manual Integrations
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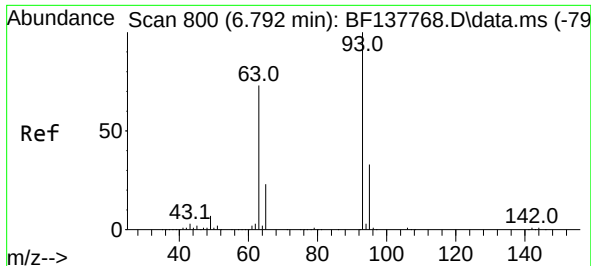
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#10
Phenol
Concen: 39.423 ng
RT: 6.687 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Tgt Ion: 94 Resp: 535052
Ion Ratio Lower Upper
94 100
65 28.2 6.4 46.4
66 40.8 15.4 55.4





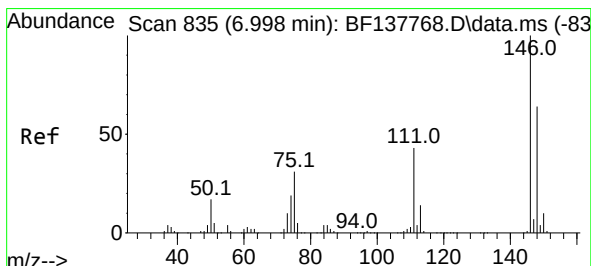
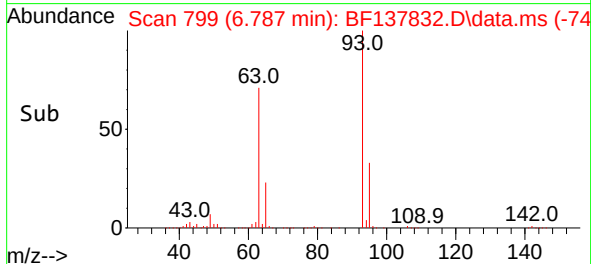
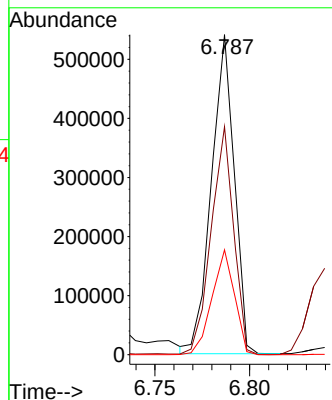
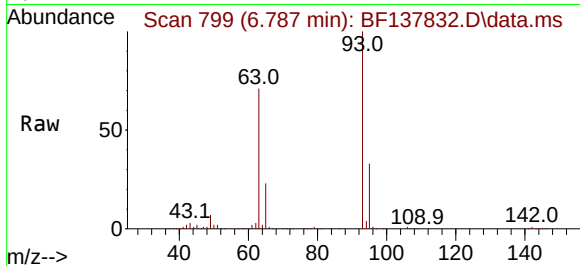
#11
bis(2-Chloroethyl)ether
Concen: 42.641 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Instrument :
BNA_F
ClientSampleId :
V359MS

Tgt Ion: 93 Resp: 453150
Ion Ratio Lower Upper
93 100
63 71.3 51.6 91.6
95 32.7 12.1 52.1

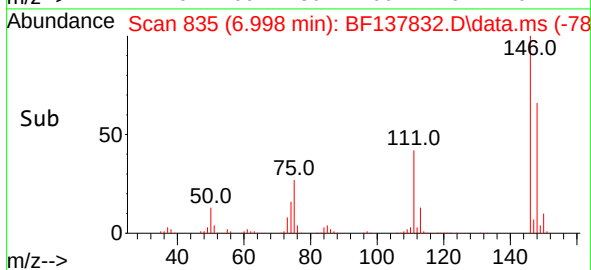
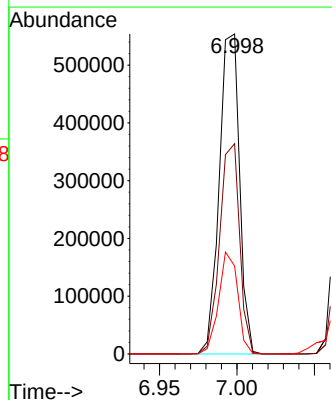
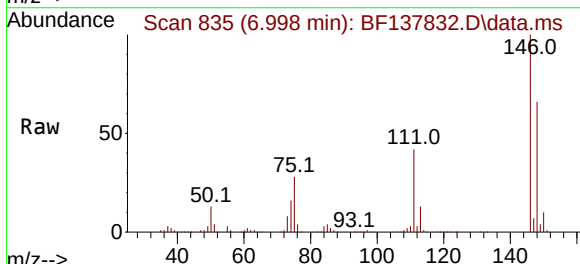
Manual Integrations
APPROVED

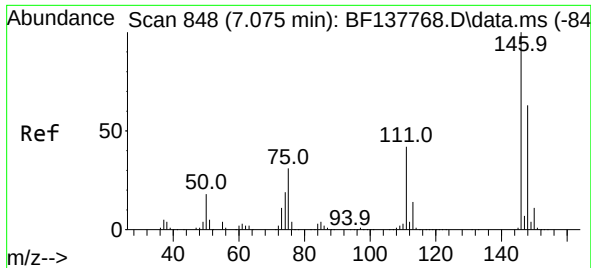
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#12
1,3-Dichlorobenzene
Concen: 39.366 ng
RT: 6.998 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Tgt Ion:146 Resp: 505179
Ion Ratio Lower Upper
146 100
148 65.7 51.2 76.8
75 27.5 25.1 37.7





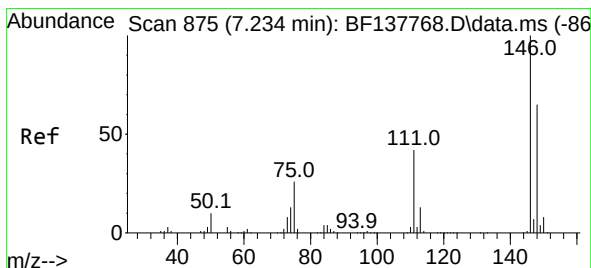
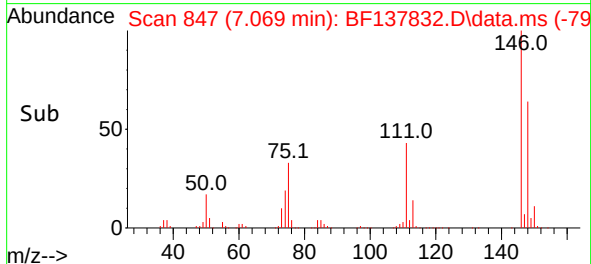
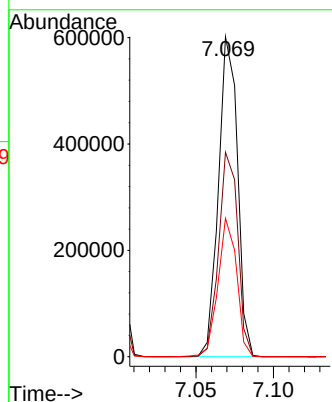
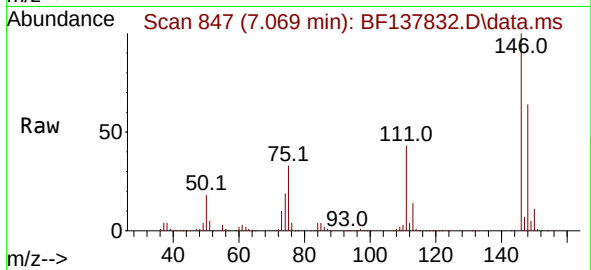
#13
1,4-Dichlorobenzene
Concen: 40.010 ng
RT: 7.069 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Instrument :
BNA_F
ClientSampleId :
V359MS

Tgt Ion:146 Resp: 515190
Ion Ratio Lower Upper
146 100
148 63.9 50.7 76.1
111 43.2 33.8 50.8

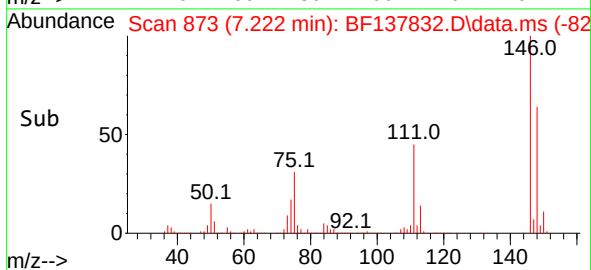
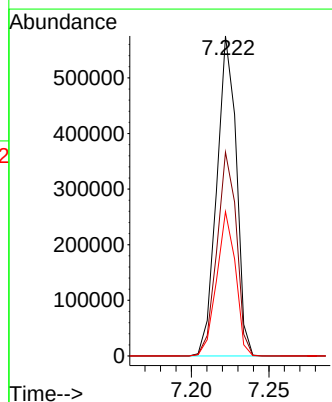
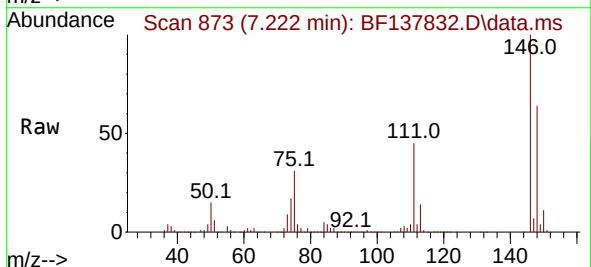
Manual Integrations
APPROVED

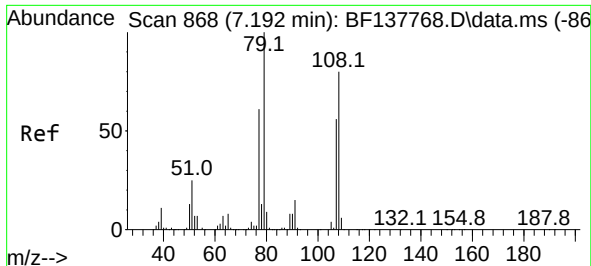
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#14
1,2-Dichlorobenzene
Concen: 41.627 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

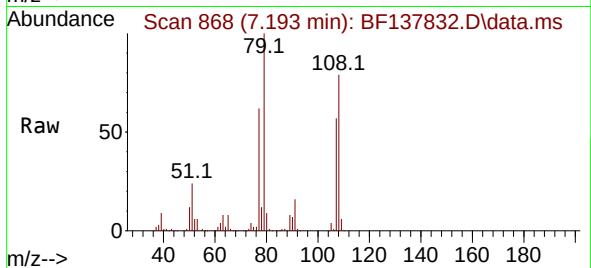
Tgt Ion:146 Resp: 504852
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
111 45.1 33.6 50.4





#15
Benzyl Alcohol
Concen: 48.715 ng
RT: 7.193 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

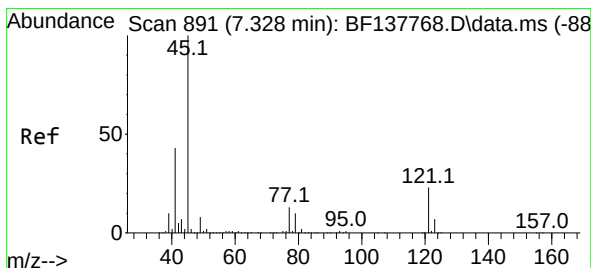
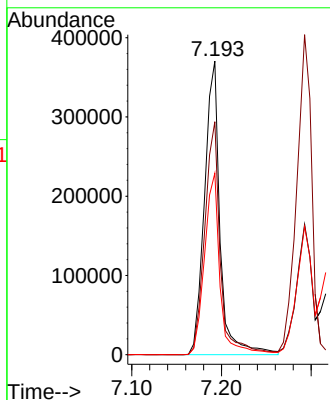
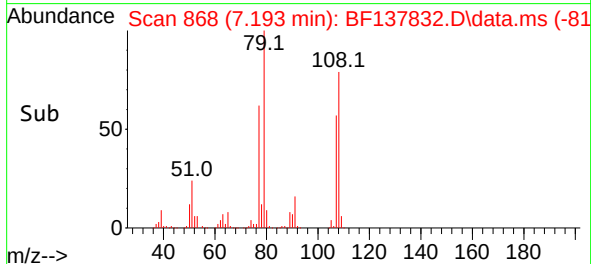
Instrument :
BNA_F
ClientSampleId :
V359MS



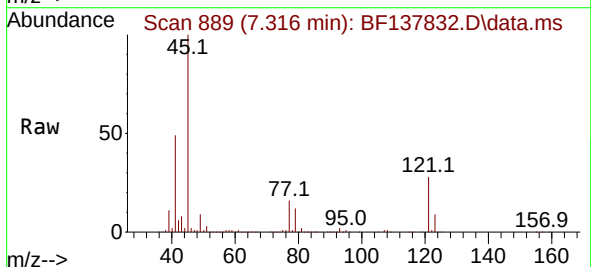
Tgt Ion: 79 Resp: 446219
Ion Ratio Lower Upper
79 100
108 79.4 64.2 96.2
77 61.8 48.5 72.7

Manual Integrations
APPROVED

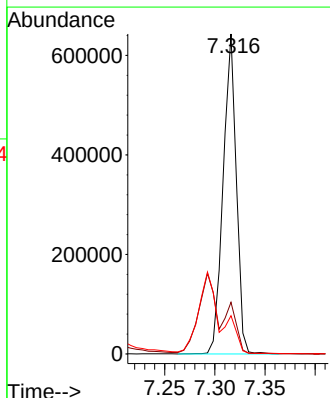
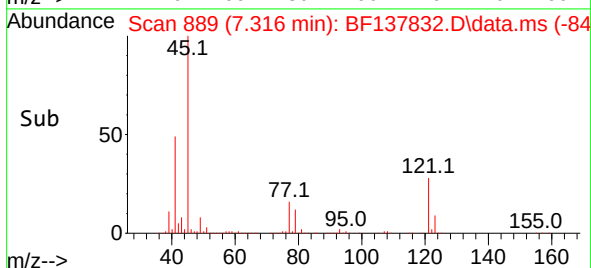
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

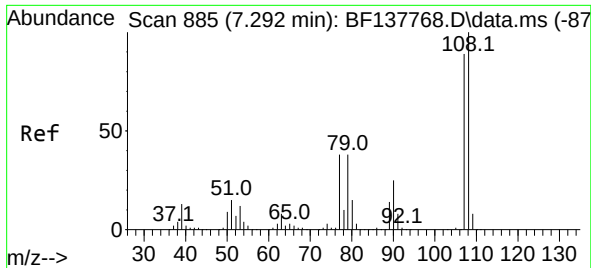


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.224 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49



Tgt Ion: 45 Resp: 585894
Ion Ratio Lower Upper
45 100
77 16.1 0.0 33.8
79 12.0 0.0 31.0





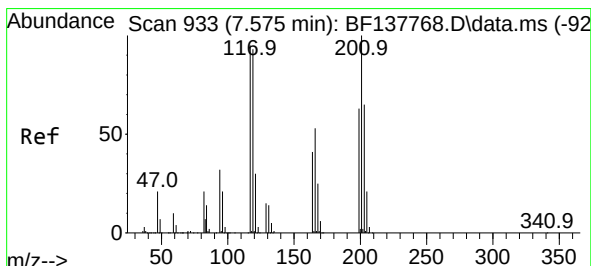
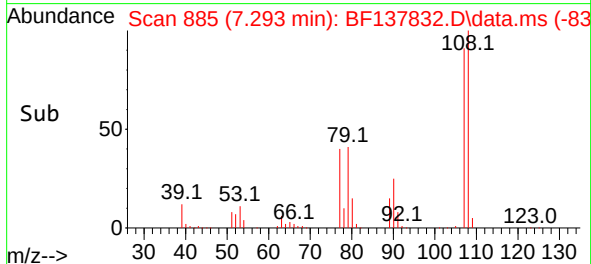
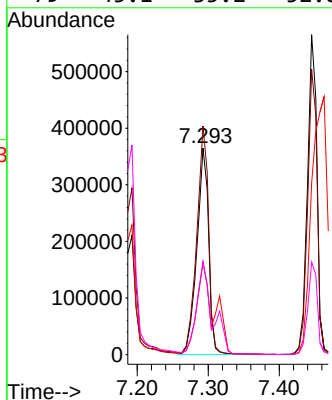
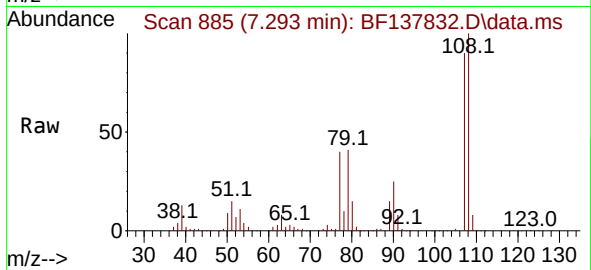
#17
2-Methylphenol
Concen: 45.918 ng
RT: 7.293 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Instrument :
BNA_F
ClientSampleId :
V359MS

Tgt Ion:107 Resp: 421640
Ion Ratio Lower Upper
107 100
108 110.7 90.5 135.7
77 44.5 34.5 51.7
79 45.1 35.2 52.8

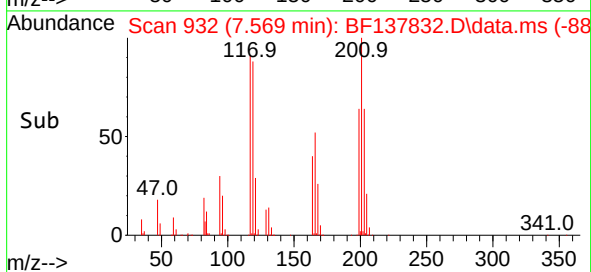
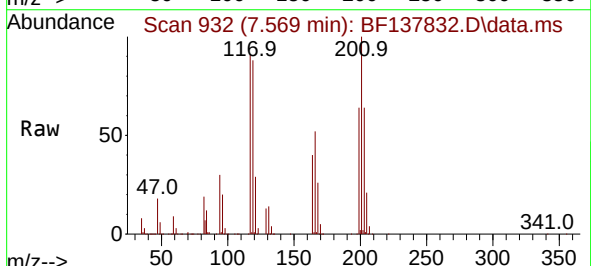
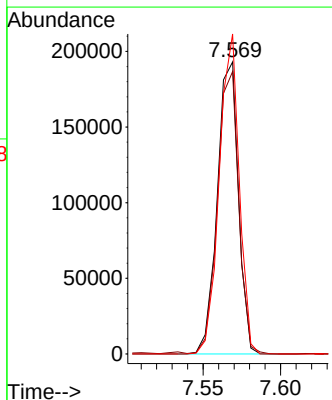
Manual Integrations
APPROVED

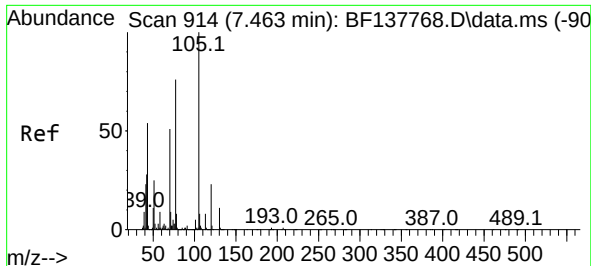
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#18
Hexachloroethane
Concen: 42.138 ng
RT: 7.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

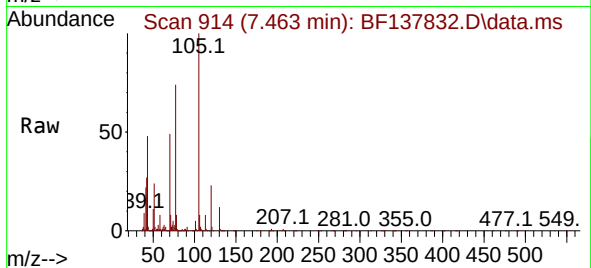
Tgt Ion:117 Resp: 183430
Ion Ratio Lower Upper
117 100
119 96.7 77.6 116.4
201 109.6 83.8 125.8





#19
n-Nitroso-di-n-propylamine
Concen: 45.433 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

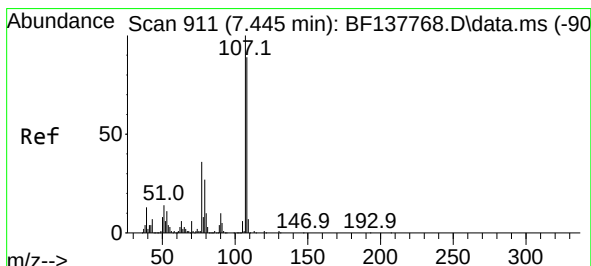
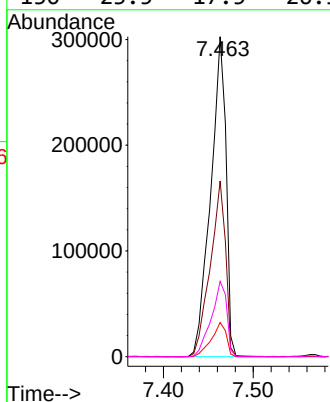
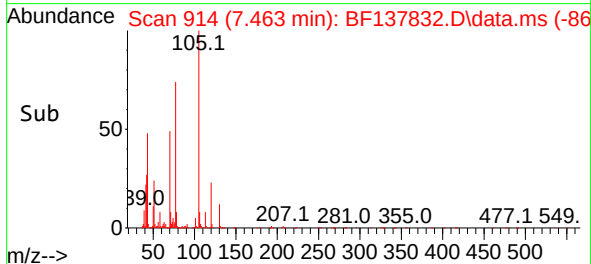
Instrument :
BNA_F
ClientSampleId :
V359MS



Tgt Ion: 70 Resp: 359624
Ion Ratio Lower Upper
70 100
42 54.9 44.6 66.8
101 10.7 7.8 11.6
130 23.5 17.5 26.3

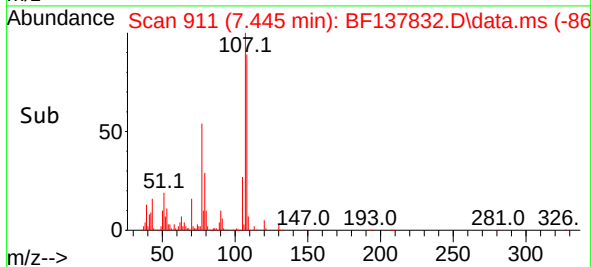
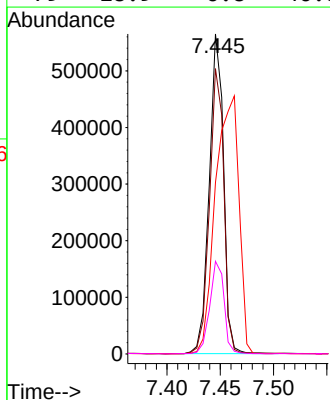
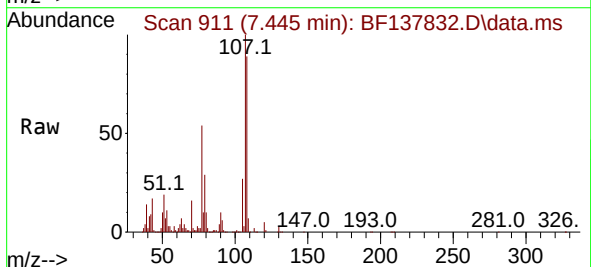
Manual Integrations
APPROVED

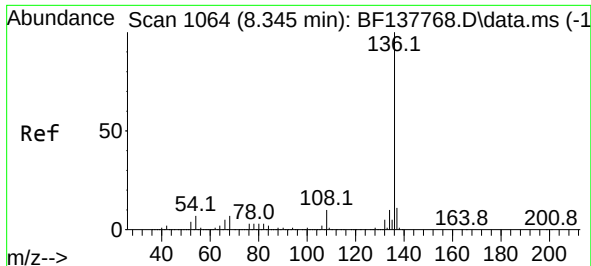
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#20
3+4-Methylphenols
Concen: 43.543 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Tgt Ion:107 Resp: 526053
Ion Ratio Lower Upper
107 100
108 89.2 69.3 109.3
77 53.6 15.7 55.7
79 28.9 6.8 46.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.340 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Instrument :

BNA_F

ClientSampleId :

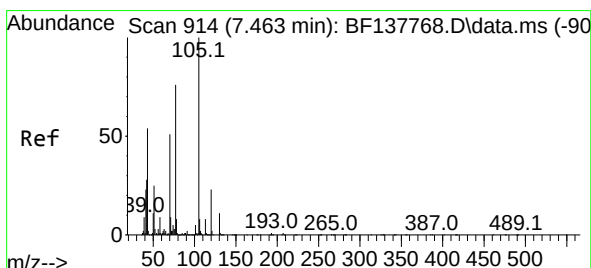
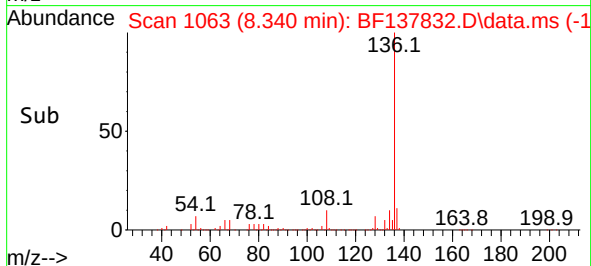
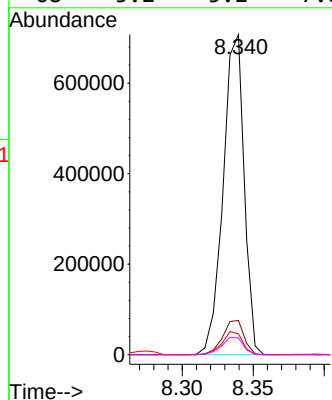
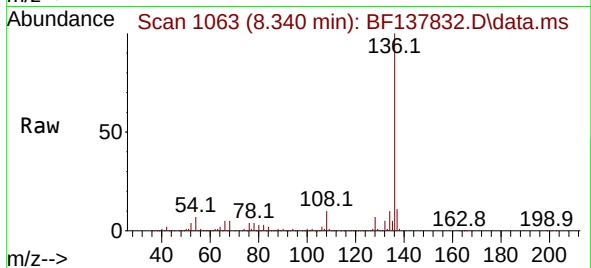
V359MS

Tgt Ion:136 Resp: 725489
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.5 5.8 8.8
68 5.2 5.2 7.8#

Manual Integrations

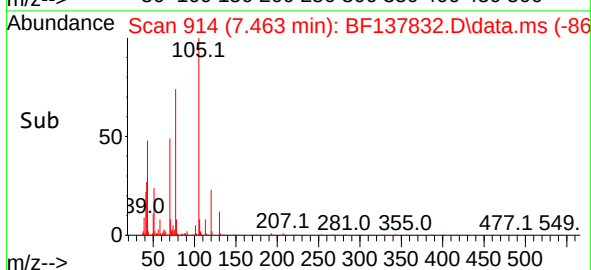
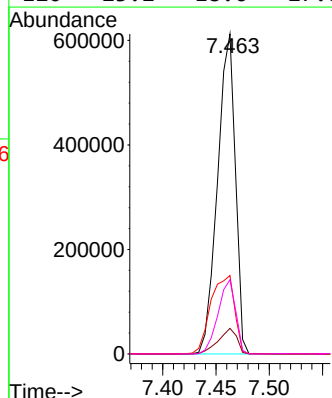
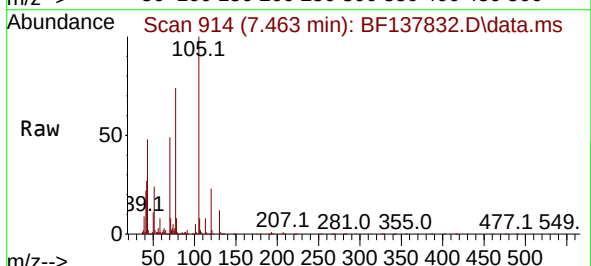
APPROVED

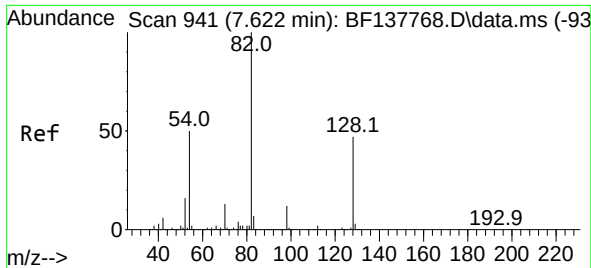
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#22
Acetophenone
Concen: 43.591 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

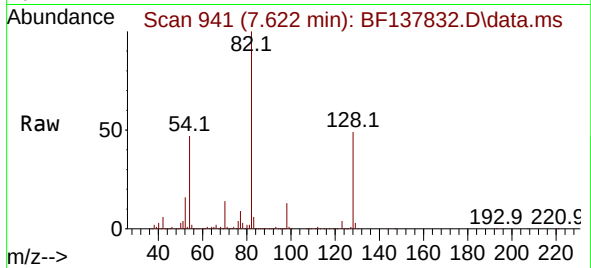
Tgt Ion:105 Resp: 711258
Ion Ratio Lower Upper
105 100
71 8.0 6.9 10.3
51 24.5 20.2 30.2
120 23.2 18.6 27.8





#23
Nitrobenzene-d5
Concen: 83.737 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

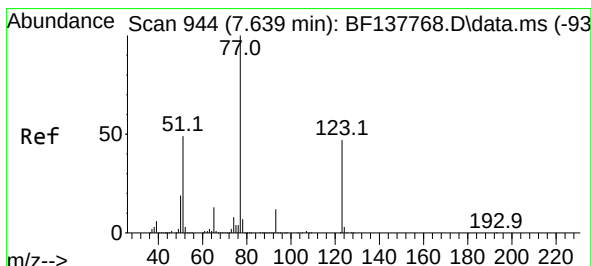
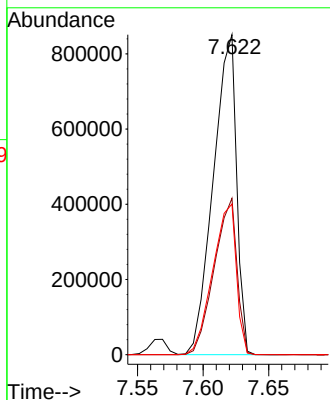
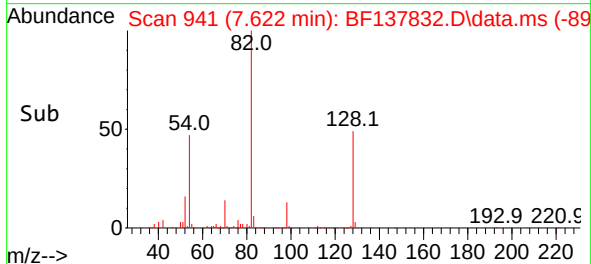
Instrument :
BNA_F
ClientSampleId :
V359MS



Tgt Ion: 82 Resp: 1045644
Ion Ratio Lower Upper
82 100
128 48.9 37.5 56.3
54 47.1 39.8 59.6

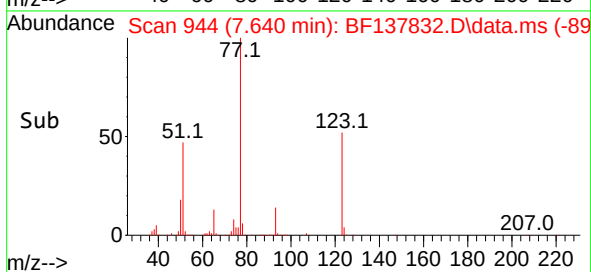
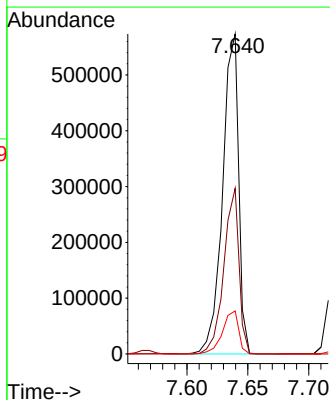
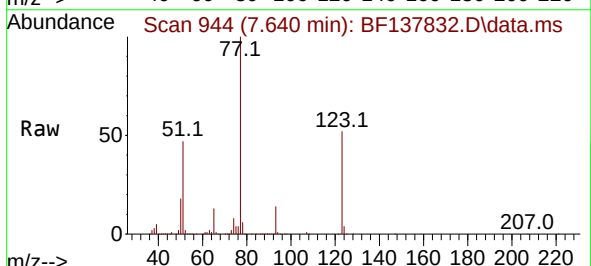
Manual Integrations
APPROVED

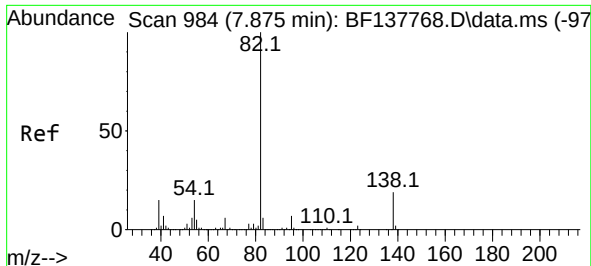
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#24
Nitrobenzene
Concen: 40.877 ng
RT: 7.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Tgt Ion: 77 Resp: 526086
Ion Ratio Lower Upper
77 100
123 51.7 37.4 56.2
65 13.5 10.7 16.1





#25
Isophorone
Concen: 45.493 ng
RT: 7.875 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Instrument :

BNA_F

ClientSampleId :

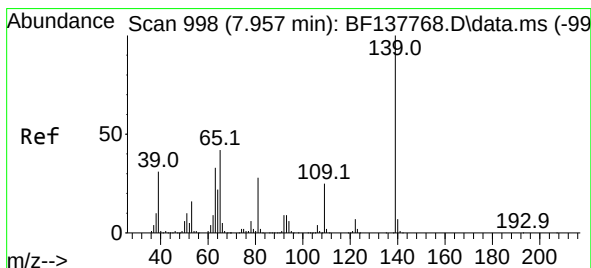
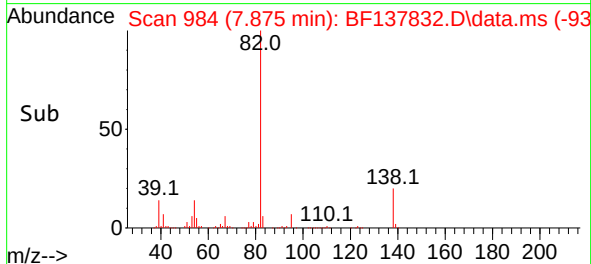
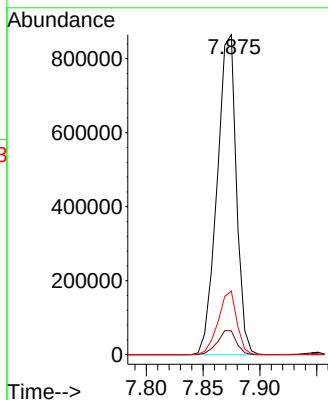
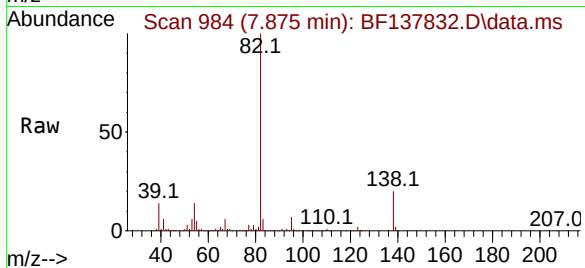
V359MS

Tgt Ion: 82 Resp: 1024249
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 19.9 15.0 22.6

Manual Integrations

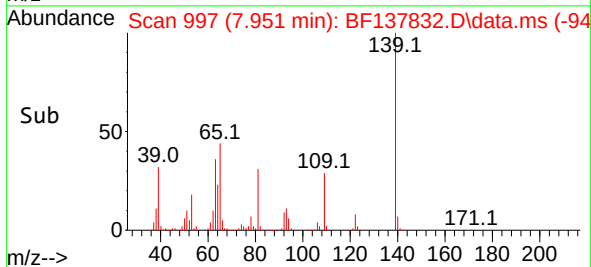
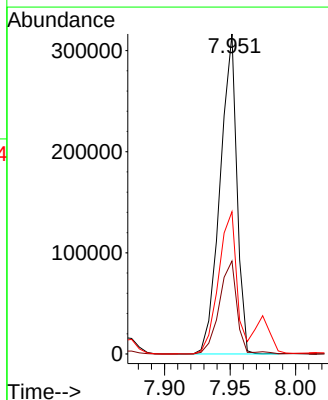
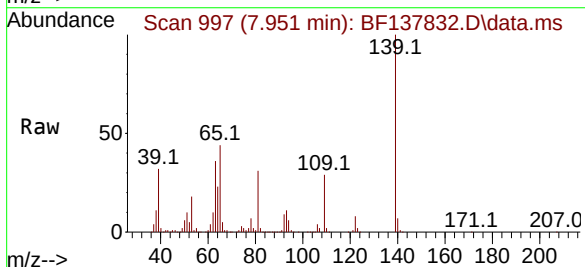
APPROVED

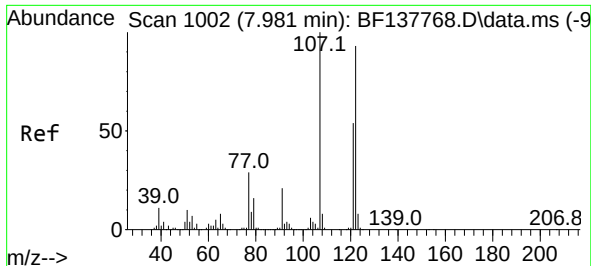
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#26
2-Nitrophenol
Concen: 48.353 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Tgt Ion:139 Resp: 281804
Ion Ratio Lower Upper
139 100
109 29.1 20.2 30.2
65 44.4 33.4 50.0





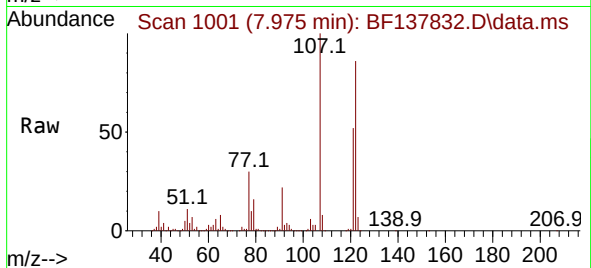
#27
2,4-Dimethylphenol
Concen: 47.613 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Instrument :

BNA_F

ClientSampleId :

V359MS



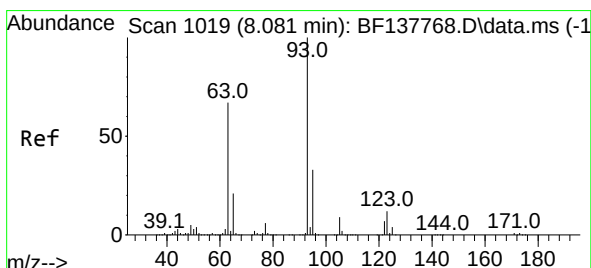
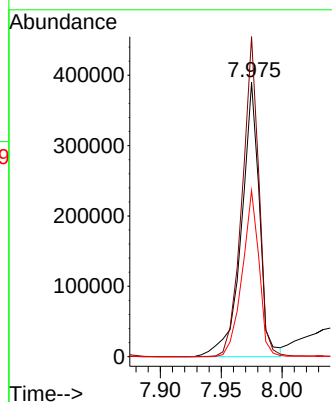
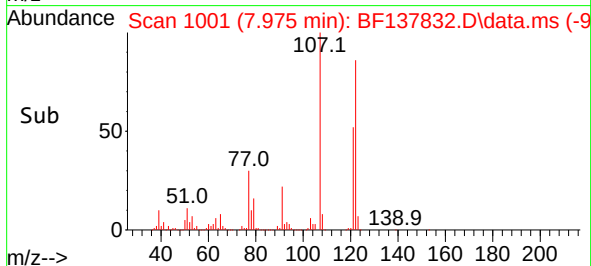
Tgt Ion:122 Resp: 39949
Ion Ratio Lower Upper
122 100
107 116.7 85.8 128.8
121 60.6 46.6 69.8

Manual Integrations

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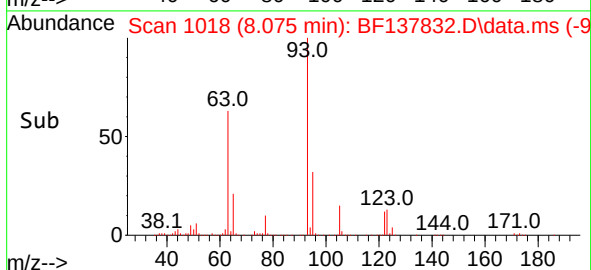
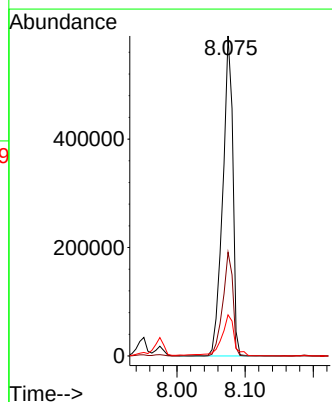
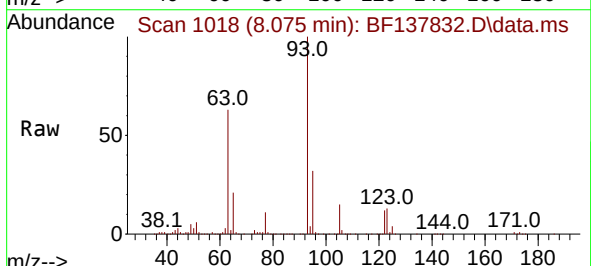
Reviewed By :Yogesh Patel 05/04/2024

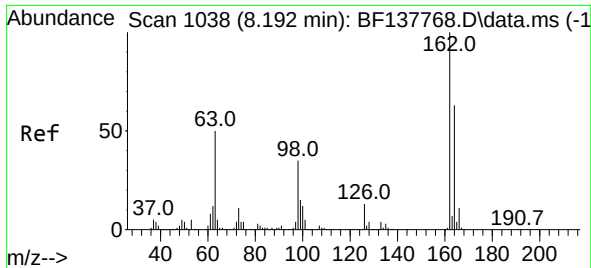
Supervised By :mohammad ahmed 05/06/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.639 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Tgt Ion: 93 Resp: 608517
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 12.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.322 ng

RT: 8.187 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA_F

ClientSampleId :

V359MS

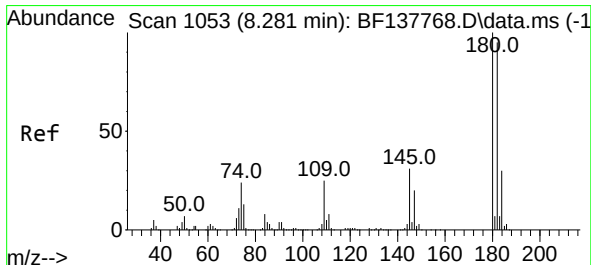
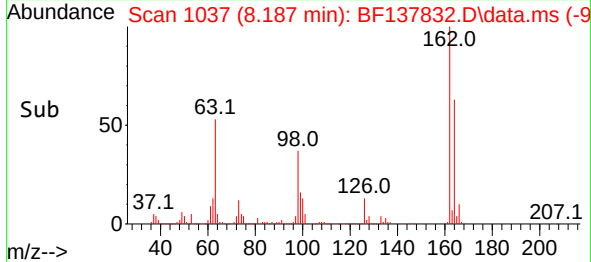
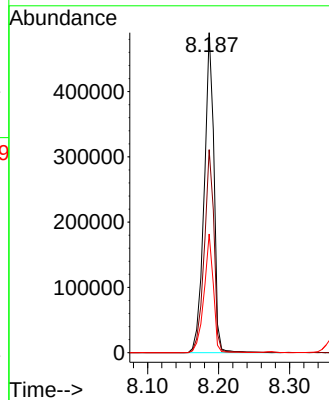
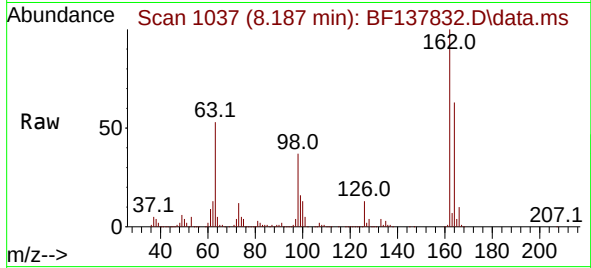
Tgt Ion:162	Resp: 469779
Ion Ratio	Lower Upper
162 100	
164 63.4	43.5 83.5
98 37.1	15.1 55.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#30

1,2,4-Trichlorobenzene

Concen: 42.688 ng

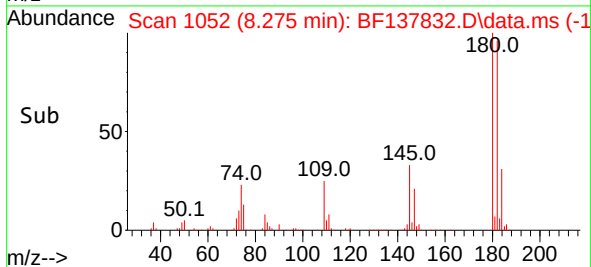
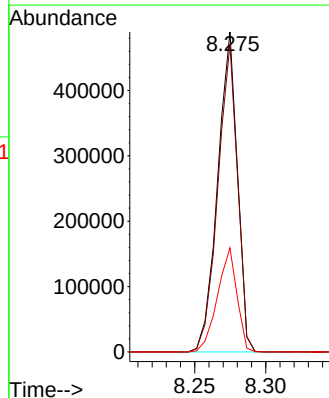
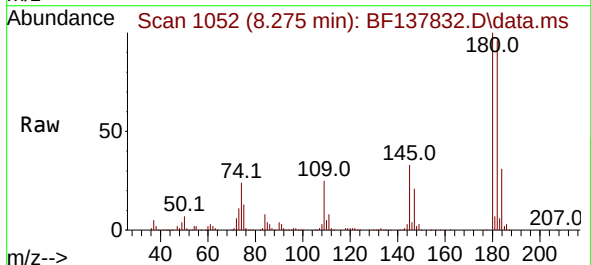
RT: 8.275 min Scan# 1052

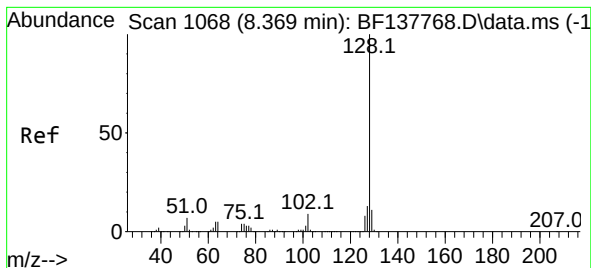
Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

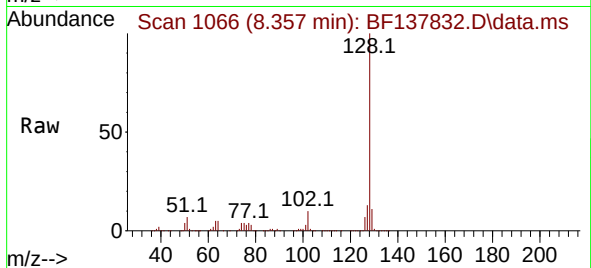
Tgt Ion:180	Resp: 471948
Ion Ratio	Lower Upper
180 100	
182 96.2	76.2 114.2
145 32.6	25.1 37.7





#31
Naphthalene
Concen: 42.433 ng
RT: 8.357 min Scan# 1066
Delta R.T. -0.012 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

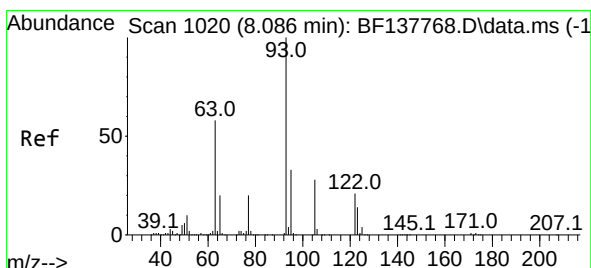
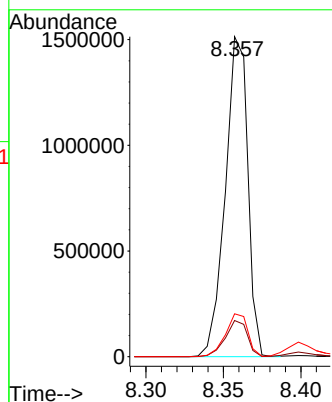
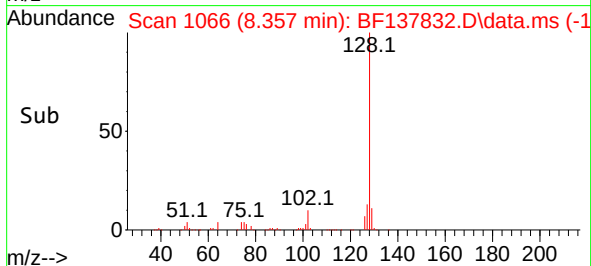
Instrument :
BNA_F
ClientSampleId :
V359MS



Tgt Ion:128 Resp: 152986
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.4 10.6 16.0

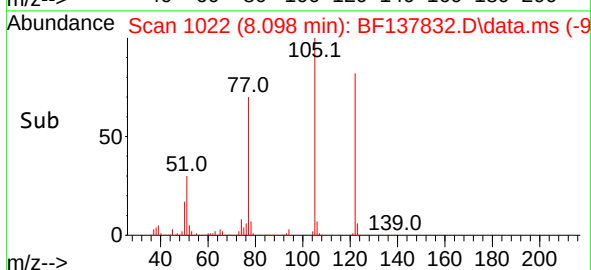
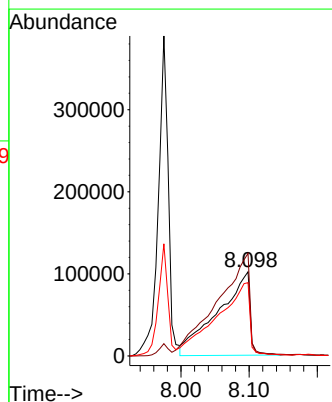
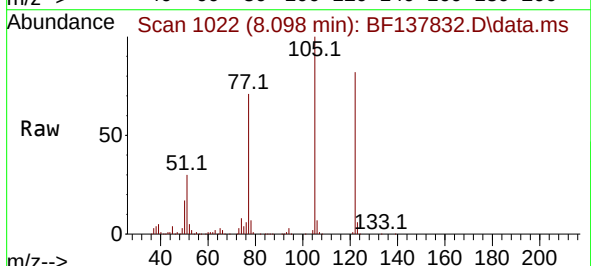
Manual Integrations
APPROVED

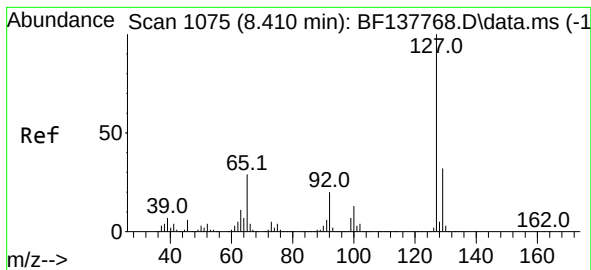
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#32
Benzoic acid
Concen: 45.492 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.012 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Tgt Ion:122 Resp: 329294
Ion Ratio Lower Upper
122 100
105 121.9 105.3 145.3
77 87.1 73.2 113.2





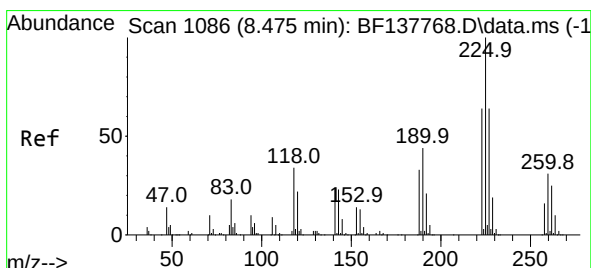
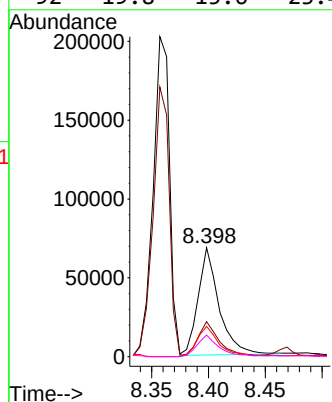
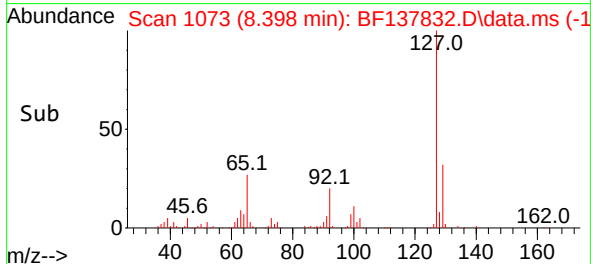
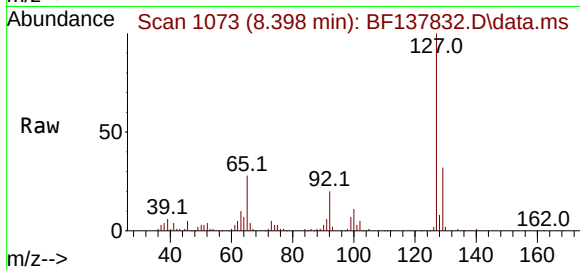
#33
4-Chloroaniline
Concen: 6.557 ng
RT: 8.398 min Scan# 1073
Delta R.T. -0.012 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Instrument :
BNA_F
ClientSampleId :
V359MS

Tgt Ion:	127	Resp:	87670
Ion Ratio	Lower	Upper	
127	100		
129	32.1	25.7	38.5
65	27.8	23.4	35.2
92	19.8	15.6	23.4

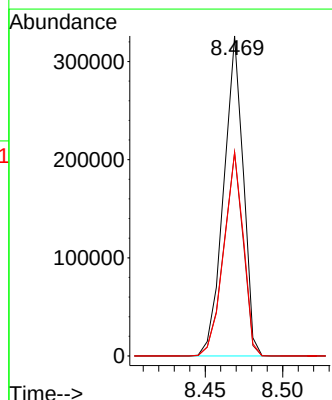
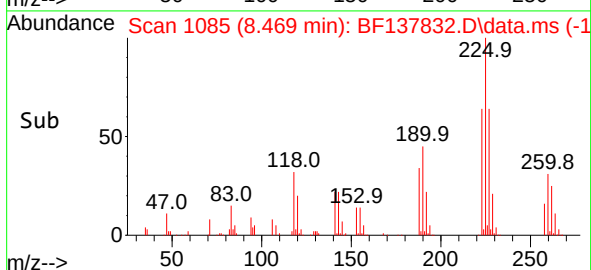
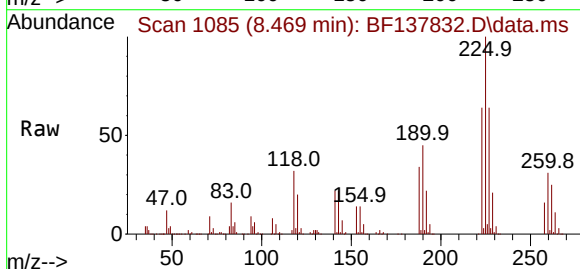
Manual Integrations
APPROVED

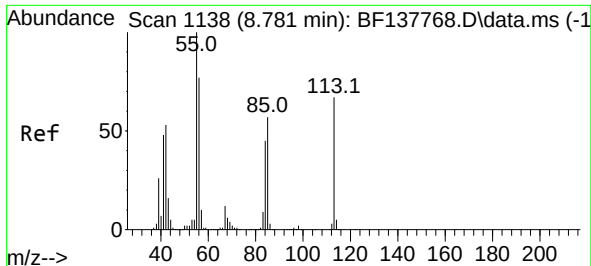
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#34
Hexachlorobutadiene
Concen: 42.164 ng
RT: 8.469 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

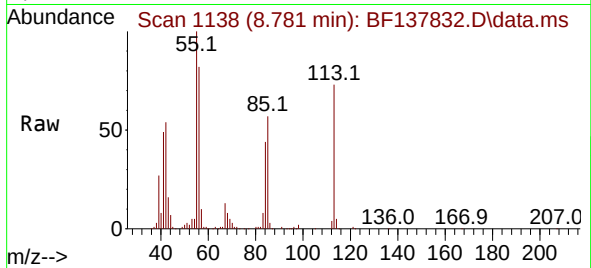
Tgt Ion:	225	Resp:	286199
Ion Ratio	Lower	Upper	
225	100		
223	63.6	51.1	76.7
227	63.6	51.4	77.0





#35
Caprolactam
Concen: 39.435 ng m
RT: 8.781 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

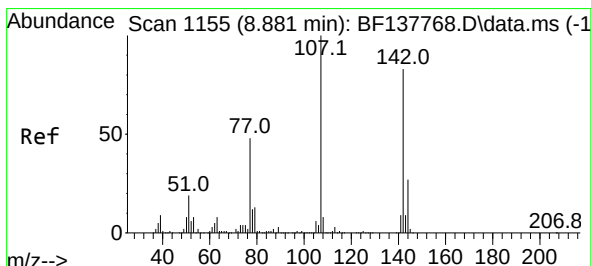
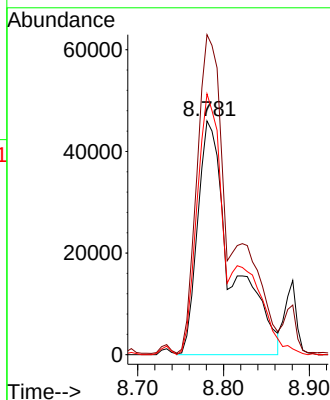
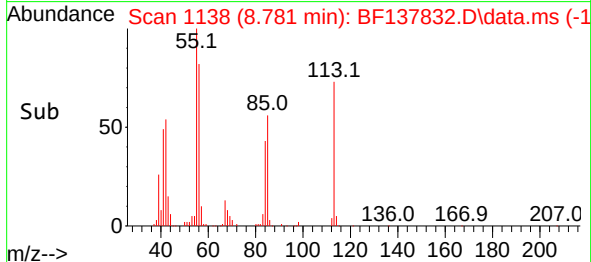
Instrument :
BNA_F
ClientSampleId :
V359MS



Tgt Ion:113 Resp: 126715
Ion Ratio Lower Upper
113 100
55 136.9 128.7 168.7
56 111.6 93.9 133.9

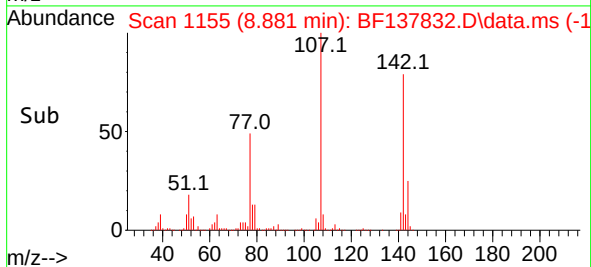
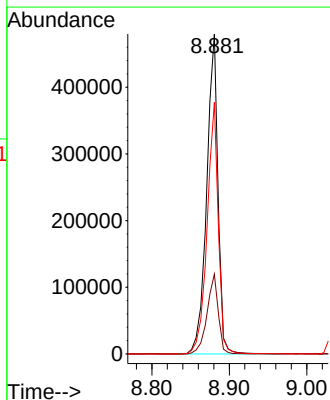
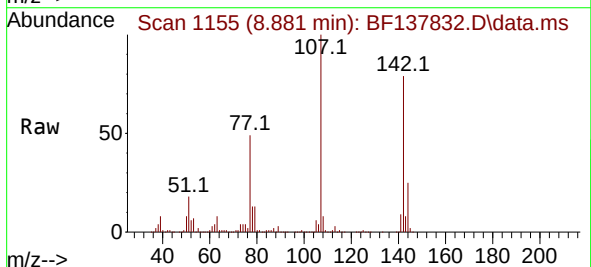
Manual Integrations
APPROVED

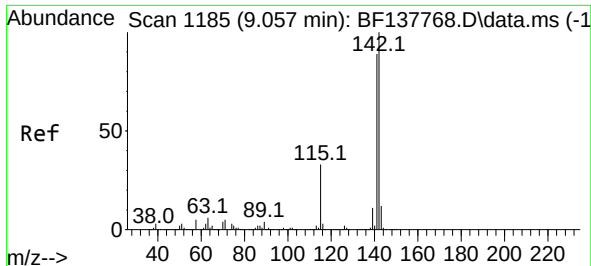
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#36
4-Chloro-3-methylphenol
Concen: 46.019 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Tgt Ion:107 Resp: 486695
Ion Ratio Lower Upper
107 100
144 24.9 21.4 32.0
142 78.6 66.2 99.2





#37

2-Methylnaphthalene

Concen: 45.072 ng

RT: 9.051 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA_F

ClientSampleId :

V359MS

Tgt Ion:142 Resp: 105188

Ion Ratio Lower Upper

142 100

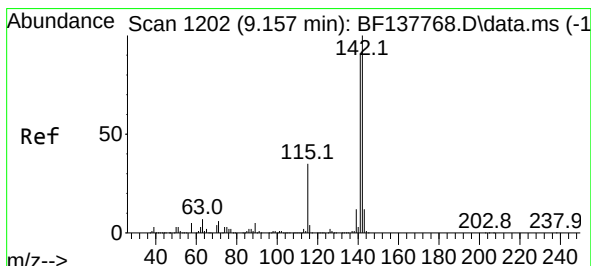
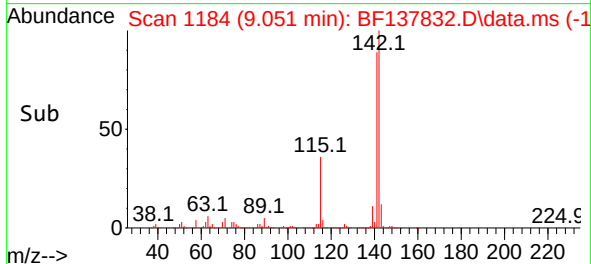
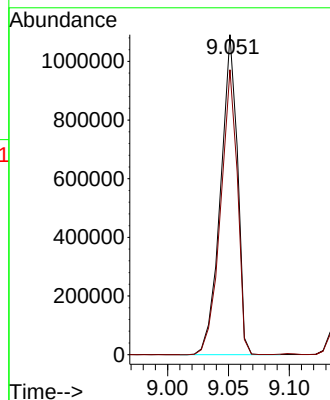
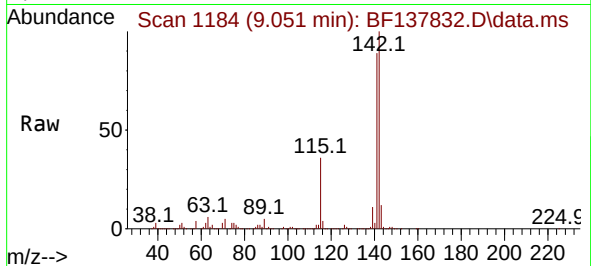
141 89.1 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#38

1-Methylnaphthalene

Concen: 42.310 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF137832.D

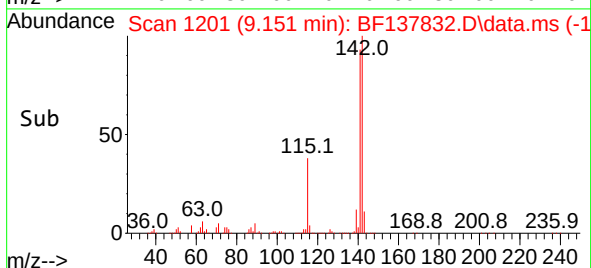
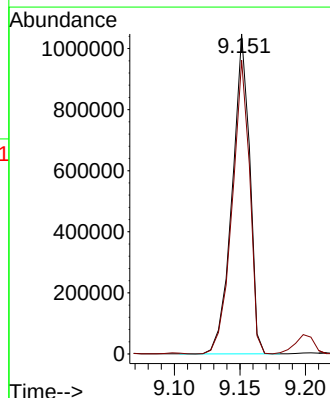
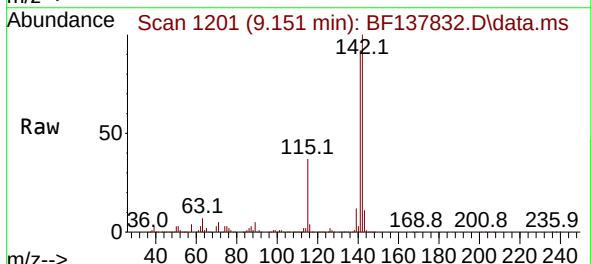
Acq: 03 May 2024 16:49

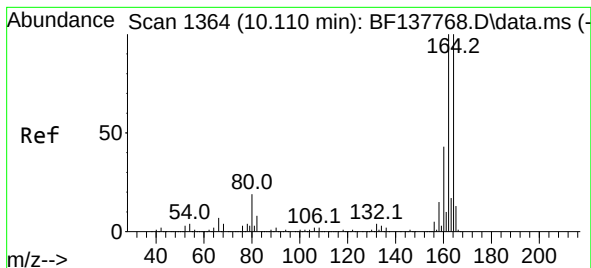
Tgt Ion:142 Resp: 971439

Ion Ratio Lower Upper

142 100

141 91.8 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.098 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA_F

ClientSampleId :

V359MS

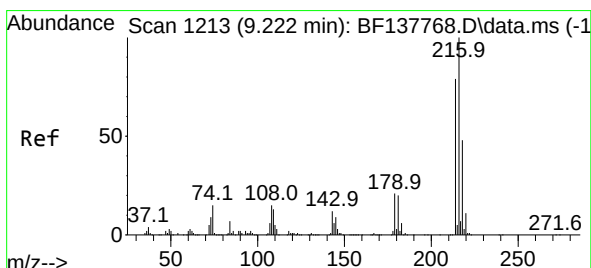
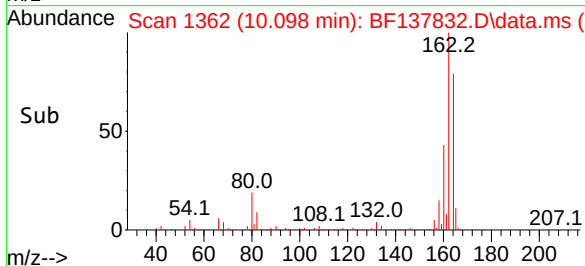
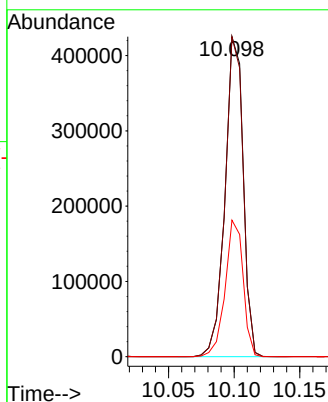
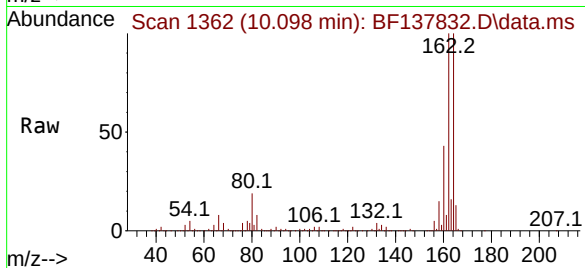
Tgt Ion:164 Resp: 410000
 Ion Ratio Lower Upper
 164 100
 162 99.9 79.8 119.6
 160 42.7 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.448 ng

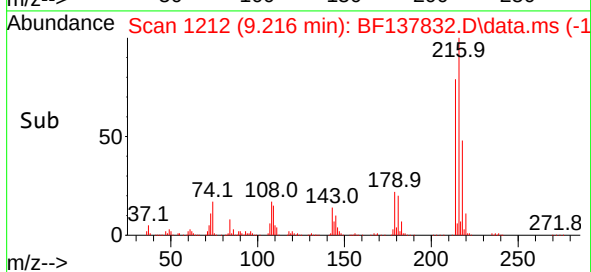
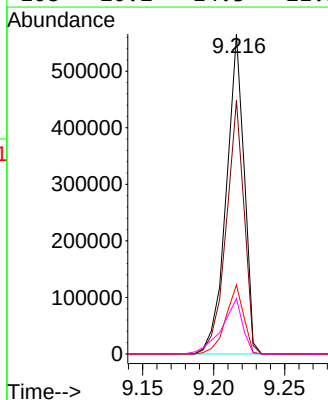
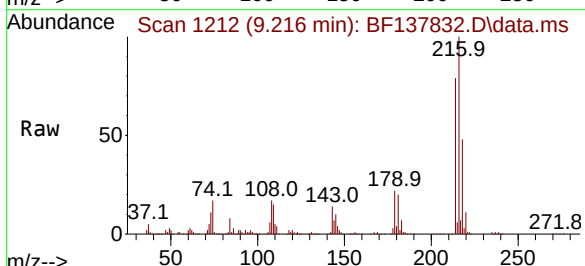
RT: 9.216 min Scan# 1212

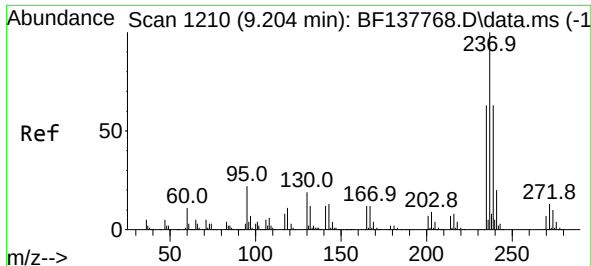
Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

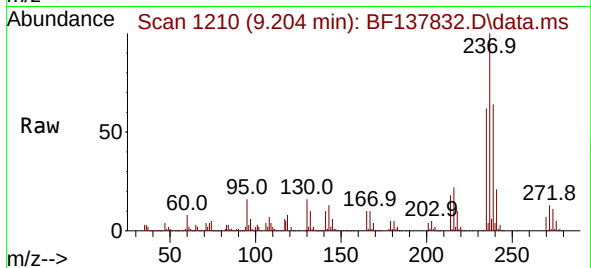
Tgt Ion:216 Resp: 493524
 Ion Ratio Lower Upper
 216 100
 214 78.9 63.3 94.9
 179 21.6 16.8 25.2
 108 20.2 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 126.074 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

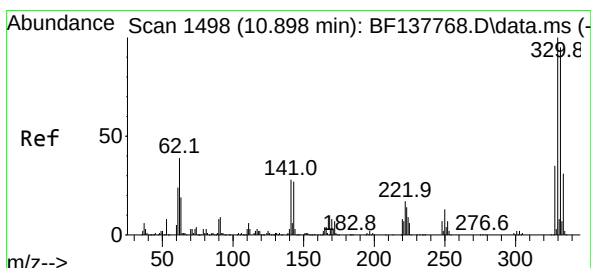
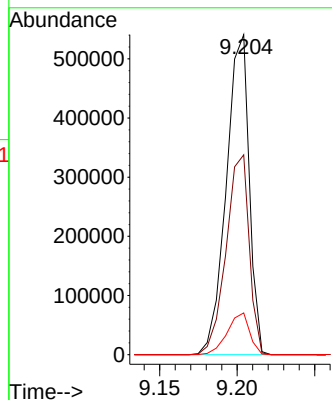
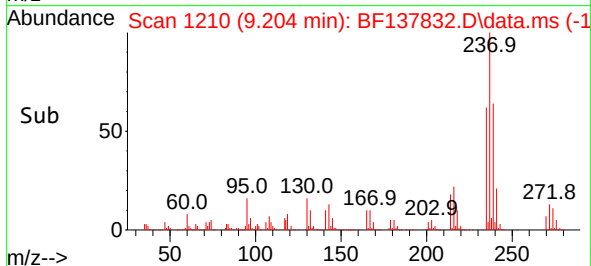
Instrument :
BNA_F
ClientSampleId :
V359MS



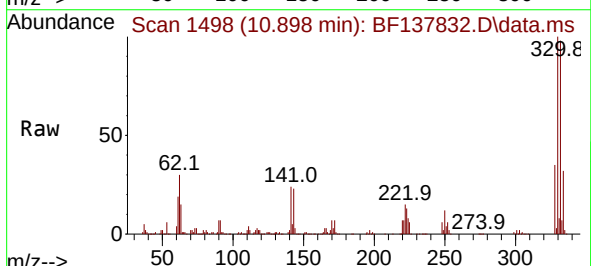
Tgt Ion: 237 Resp: 556078
Ion Ratio Lower Upper
237 100
235 62.5 43.0 83.0
272 13.1 0.0 32.8

Manual Integrations
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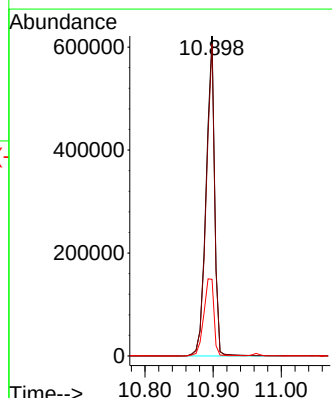
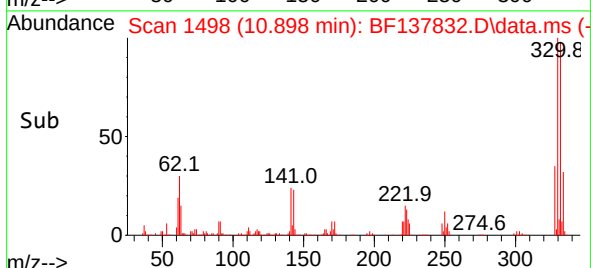
Reviewed By : Yogesh Patel 05/04/2024
Supervised By : mohammad ahmed 05/06/2024

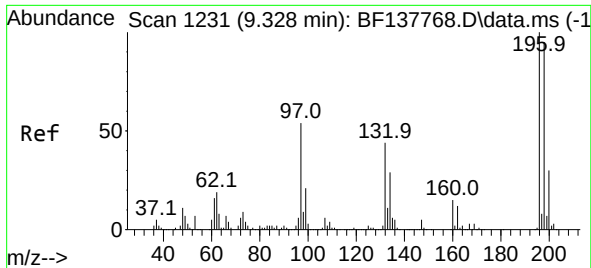


#42
2,4,6-Tribromophenol
Concen: 128.666 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49



Tgt Ion: 330 Resp: 538624
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 29.0 23.8 35.6





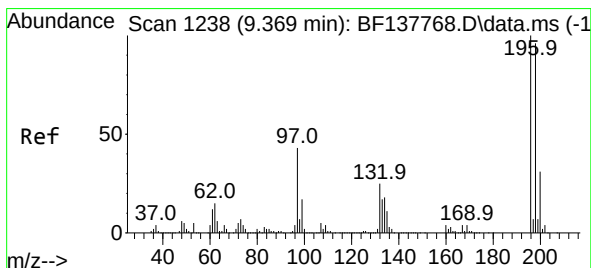
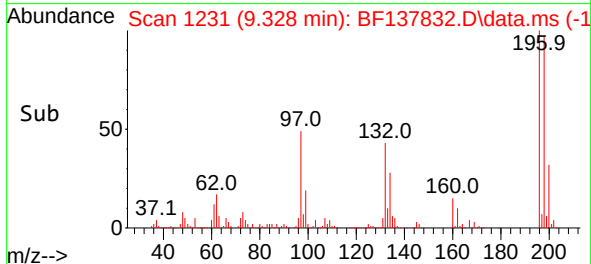
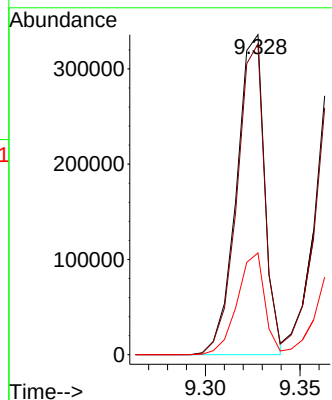
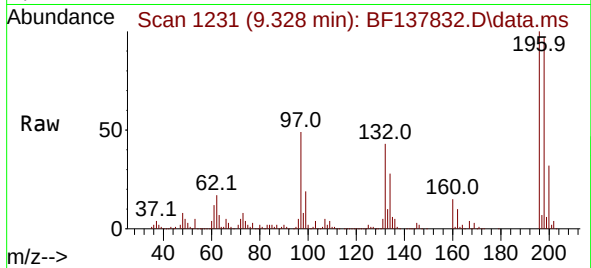
#43
2,4,6-Trichlorophenol
Concen: 46.864 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Instrument :
BNA_F
ClientSampleId :
V359MS

Tgt Ion:196 Resp: 346410
Ion Ratio Lower Upper
196 100
198 97.1 76.2 114.4
200 31.8 24.2 36.2

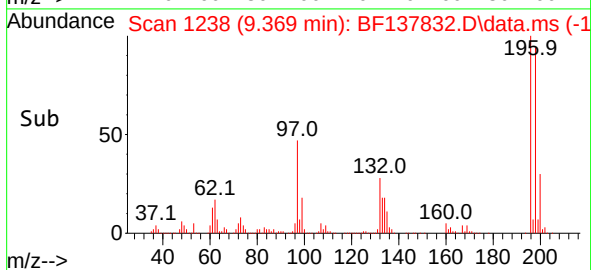
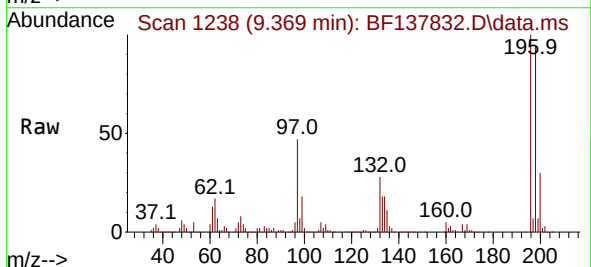
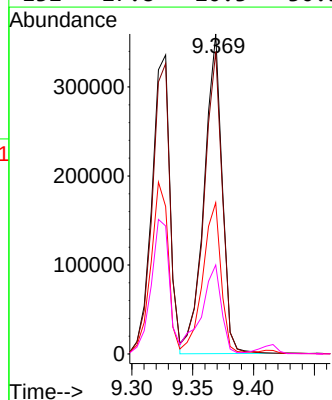
Manual Integrations
APPROVED

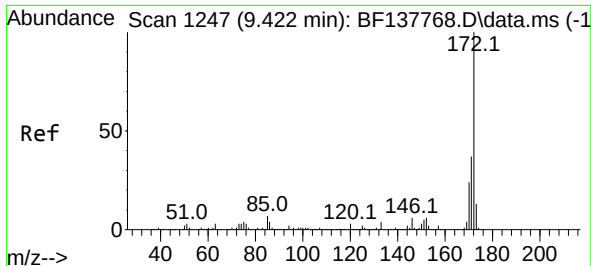
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#44
2,4,5-Trichlorophenol
Concen: 45.213 ng
RT: 9.369 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Tgt Ion:196 Resp: 369034
Ion Ratio Lower Upper
196 100
198 94.4 76.6 114.8
97 47.3 34.5 51.7
132 27.8 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 88.868 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA_F

ClientSampleId :

V359MS

Tgt Ion:172 Resp: 224585

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

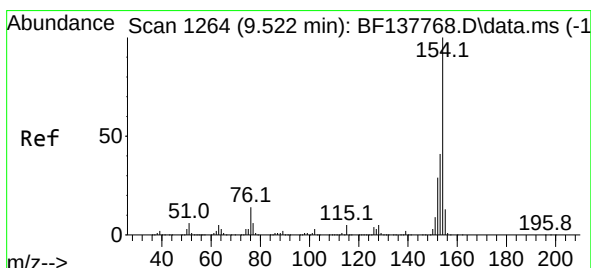
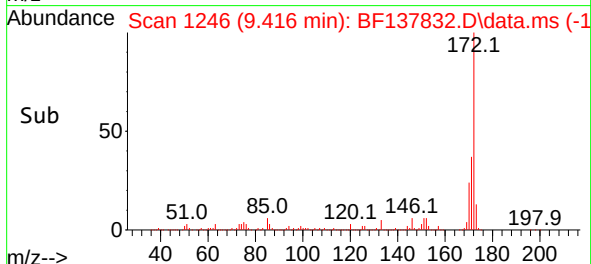
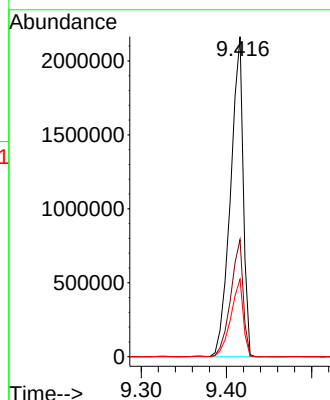
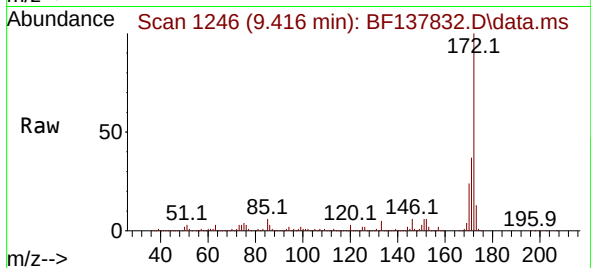
170 24.2 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#46

1,1'-Biphenyl

Concen: 46.111 ng

RT: 9.516 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

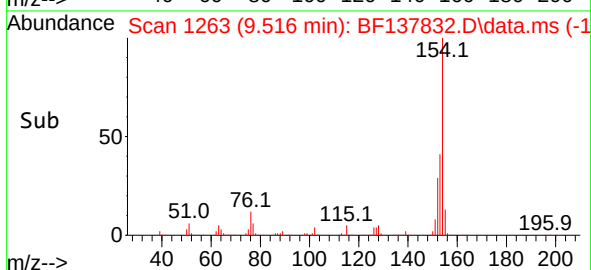
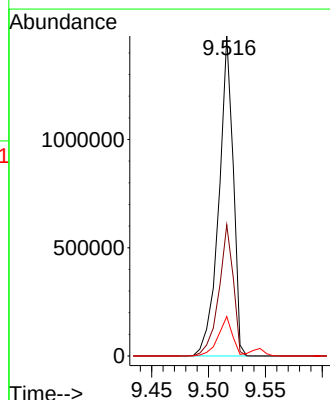
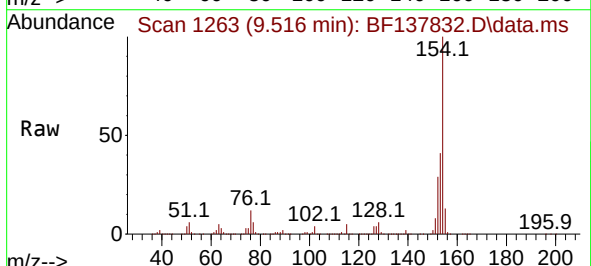
Tgt Ion:154 Resp: 1297466

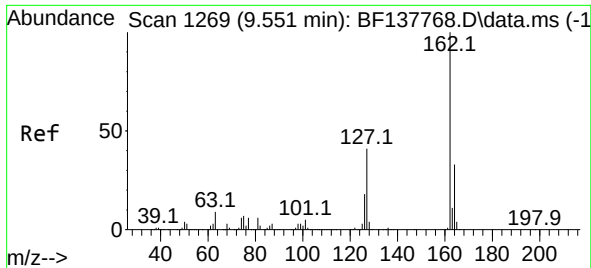
Ion Ratio Lower Upper

154 100

153 41.0 21.4 61.4

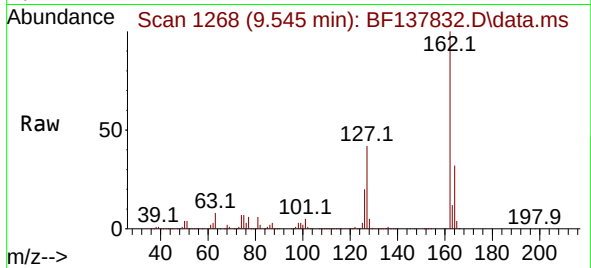
76 12.3 0.0 33.5





#47
2-Chloronaphthalene
Concen: 44.016 ng
RT: 9.545 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

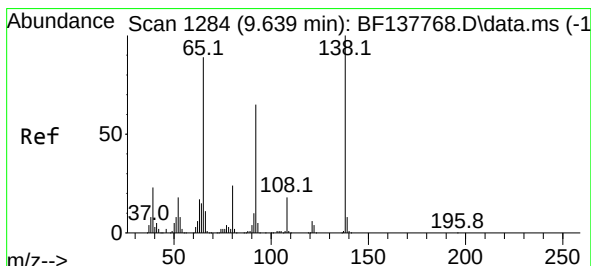
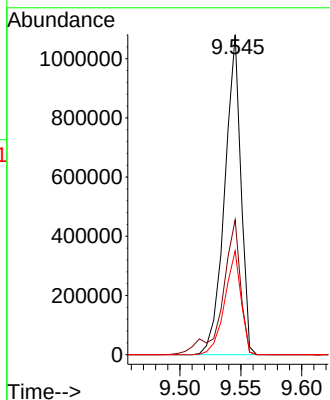
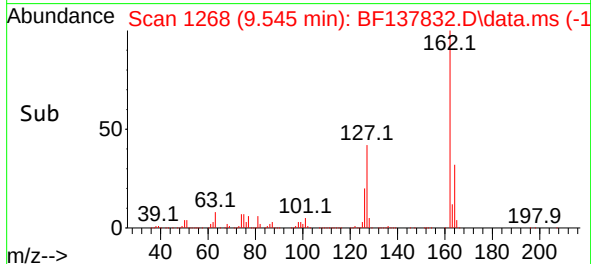
Instrument :
BNA_F
ClientSampleId :
V359MS



Tgt Ion: 162 Resp: 999915
Ion Ratio Lower Upper
162 100
127 42.2 32.6 49.0
164 32.5 26.5 39.7

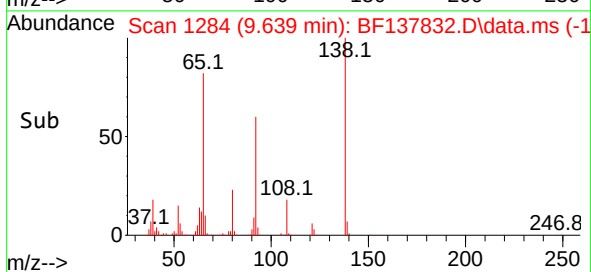
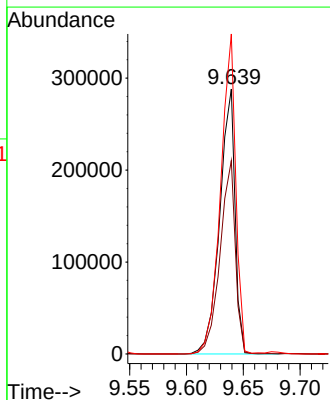
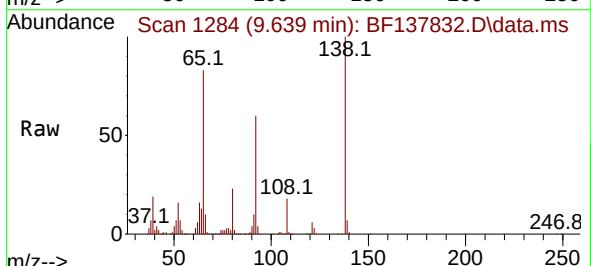
Manual Integrations
APPROVED

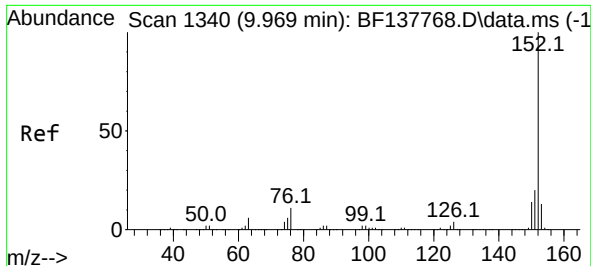
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#48
2-Nitroaniline
Concen: 44.140 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

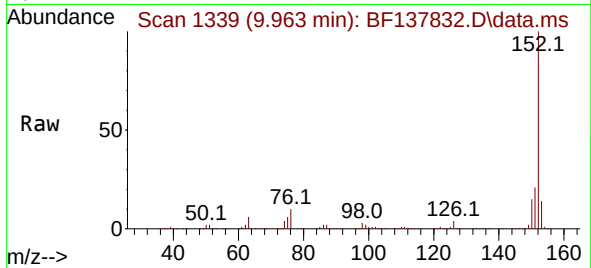
Tgt Ion: 65 Resp: 271949
Ion Ratio Lower Upper
65 100
92 73.0 58.6 88.0
138 120.8 90.3 135.5





#49
Acenaphthylene
Concen: 47.939 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

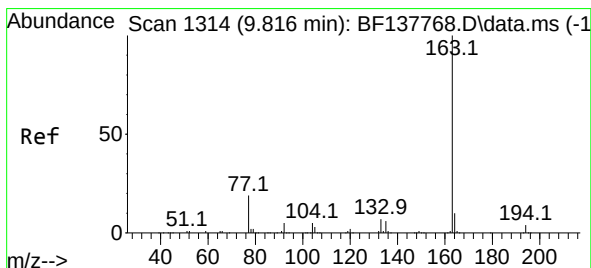
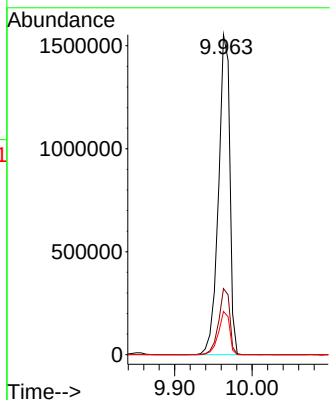
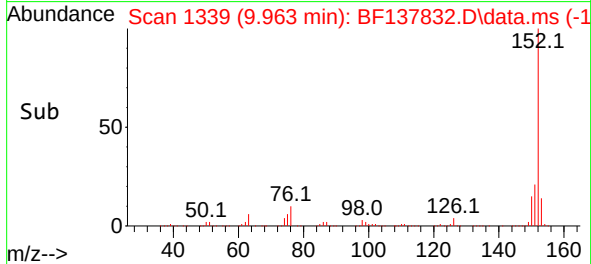
Instrument :
BNA_F
ClientSampleId :
V359MS



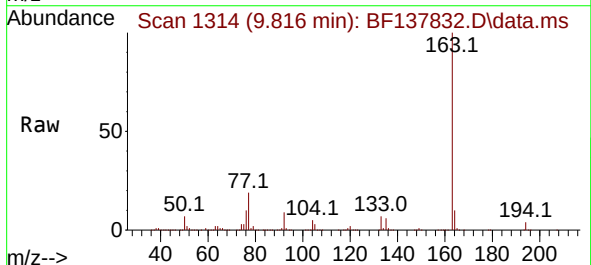
Tgt Ion:152 Resp: 157537
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.5 10.8 16.2

Manual Integrations
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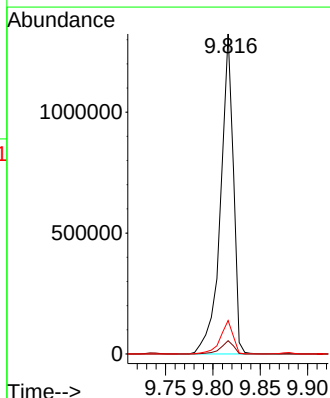
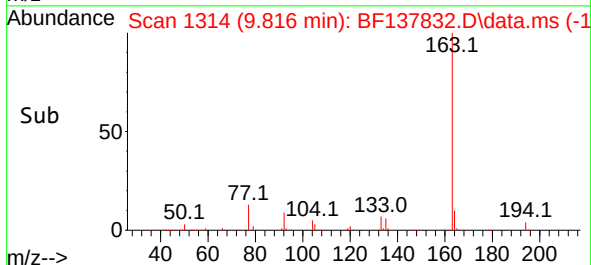
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

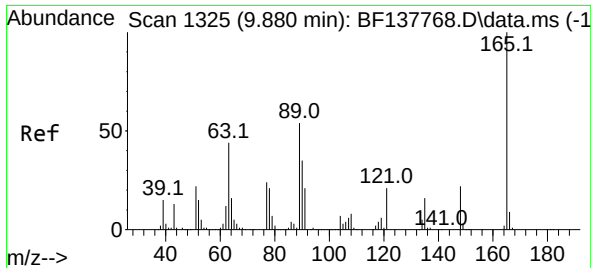


#50
Dimethylphthalate
Concen: 48.223 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49



Tgt Ion:163 Resp: 1248164
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.3 12.5





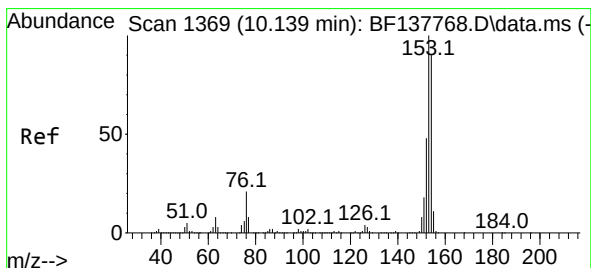
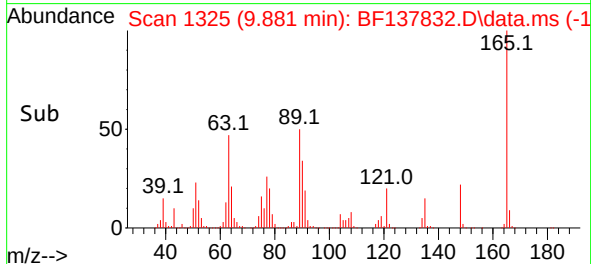
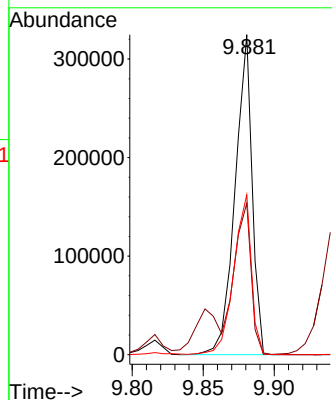
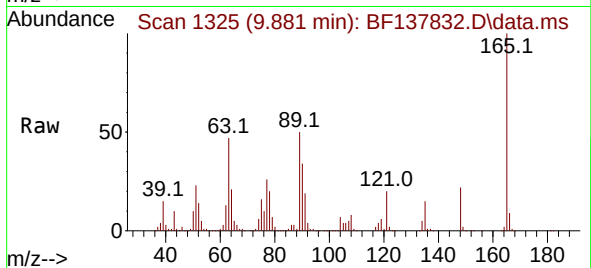
#51
2,6-Dinitrotoluene
Concen: 45.831 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Instrument :
BNA_F
ClientSampleId :
V359MS

Tgt Ion:165 Resp: 271094
Ion Ratio Lower Upper
165 100
63 47.3 41.9 62.9
89 49.9 43.2 64.8

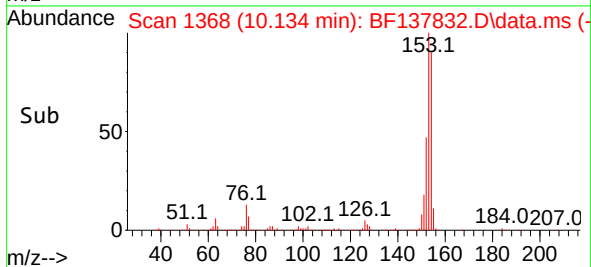
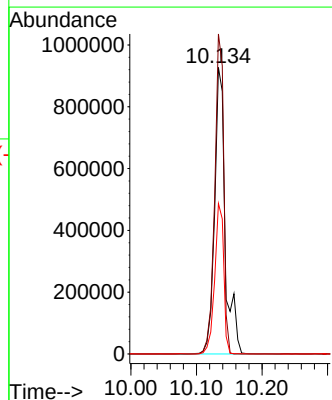
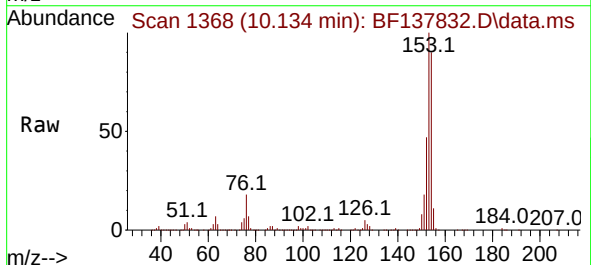
Manual Integrations
APPROVED

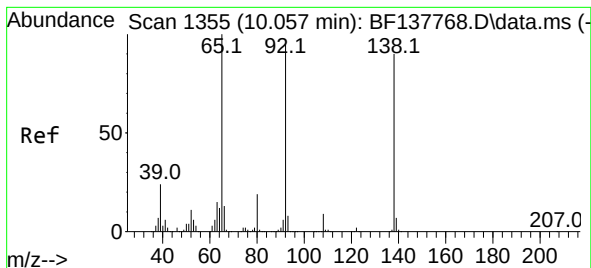
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#52
Acenaphthene
Concen: 48.287 ng
RT: 10.134 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

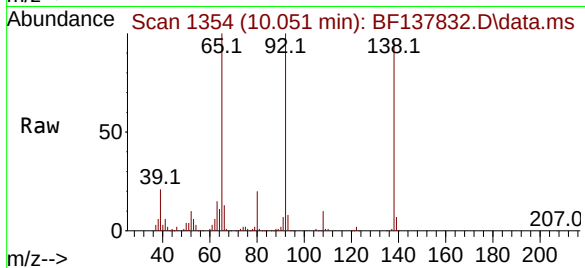
Tgt Ion:154 Resp: 1051802
Ion Ratio Lower Upper
154 100
153 111.7 88.7 133.1
152 52.5 42.8 64.2





#53
3-Nitroaniline
Concen: 19.980 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

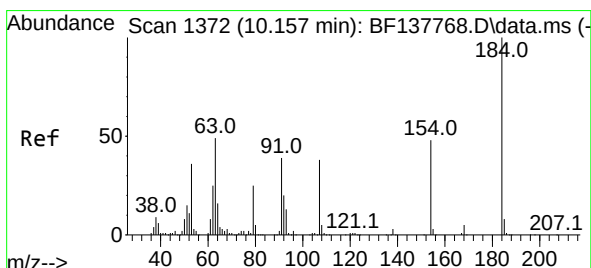
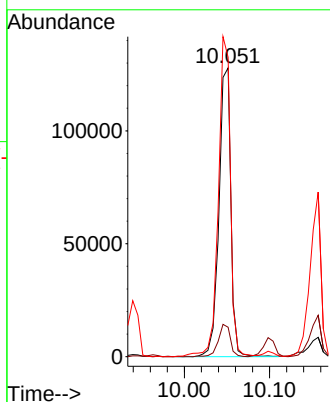
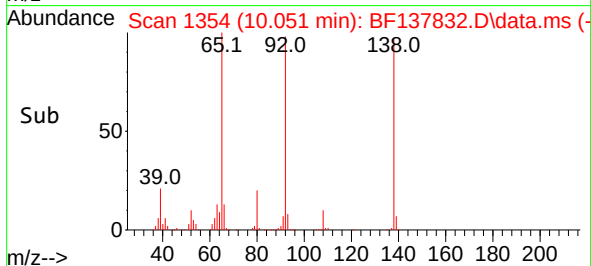
Instrument :
BNA_F
ClientSampleId :
V359MS



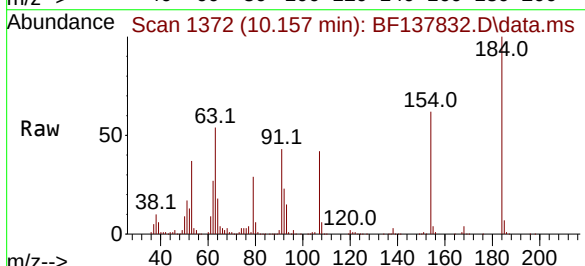
Tgt Ion:138 Resp: 123762
Ion Ratio Lower Upper
138 100
108 10.2 7.8 11.6
92 103.6 84.6 126.8

Manual Integrations
APPROVED

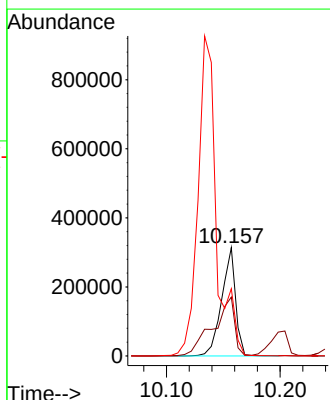
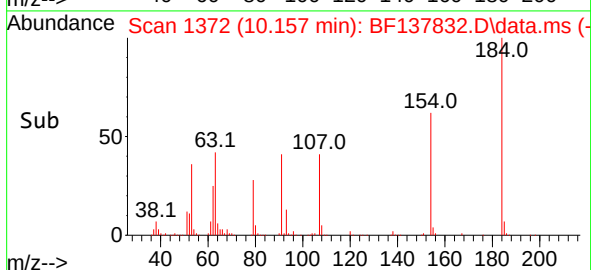
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

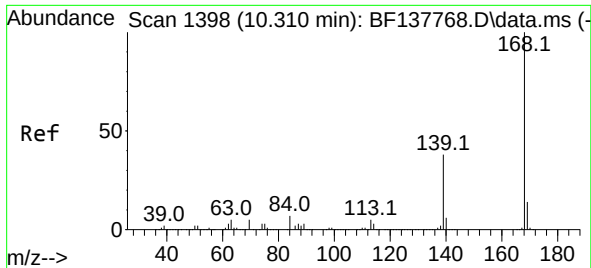


#54
2,4-Dinitrophenol
Concen: 92.158 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49



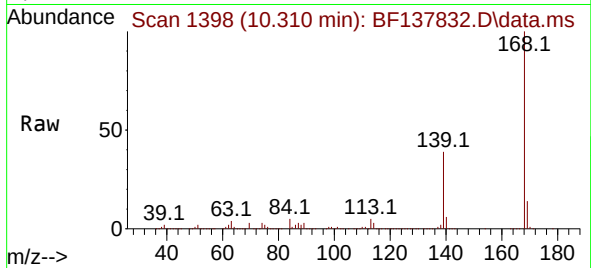
Tgt Ion:184 Resp: 267849
Ion Ratio Lower Upper
184 100
63 54.3 40.3 60.5
154 62.0 45.2 67.8





#55
Dibenzofuran
Concen: 43.798 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

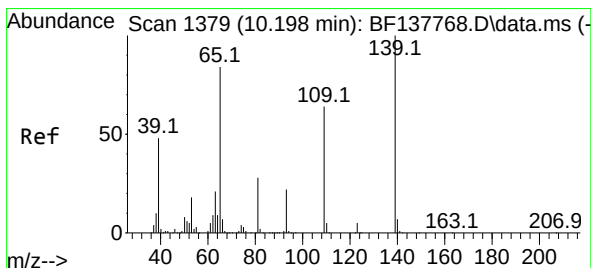
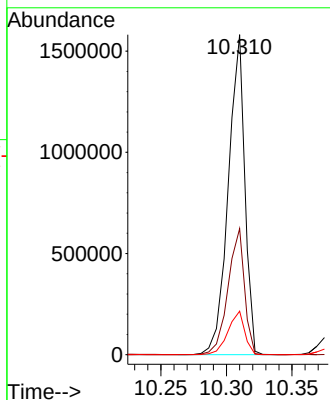
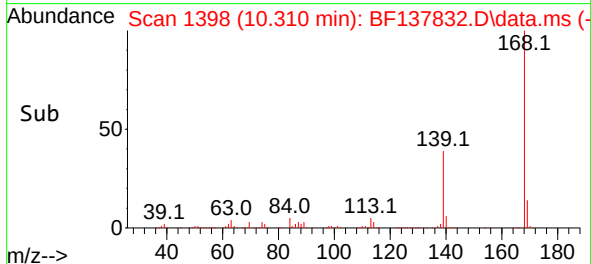
Instrument :
BNA_F
ClientSampleId :
V359MS



Tgt Ion:168 Resp: 138832
Ion Ratio Lower Upper
168 100
139 39.4 30.2 45.4
169 13.6 11.4 17.0

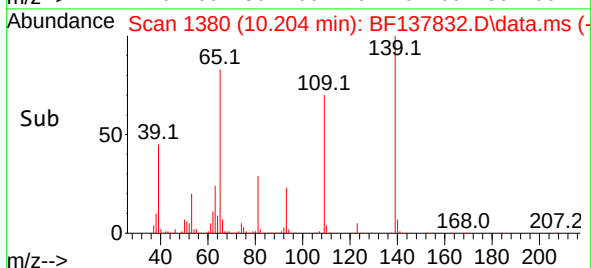
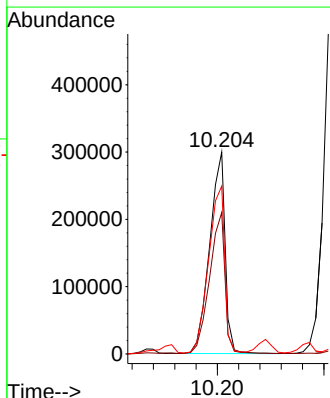
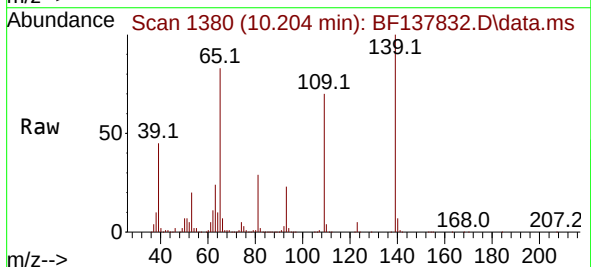
Manual Integrations
APPROVED

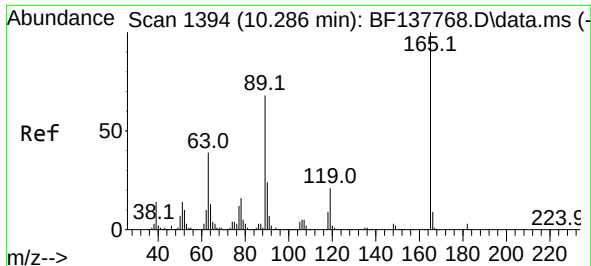
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#56
4-Nitrophenol
Concen: 58.849 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

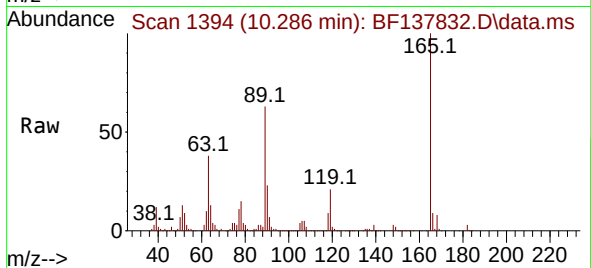
Tgt Ion:139 Resp: 302123
Ion Ratio Lower Upper
139 100
109 70.1 44.0 84.0
65 83.2 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 45.030 ng
RT: 10.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

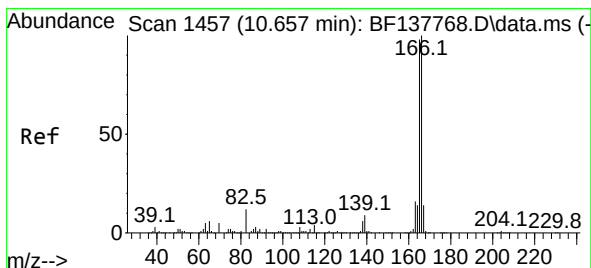
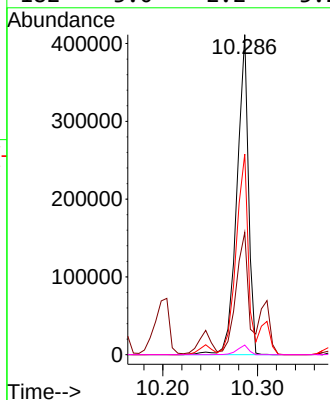
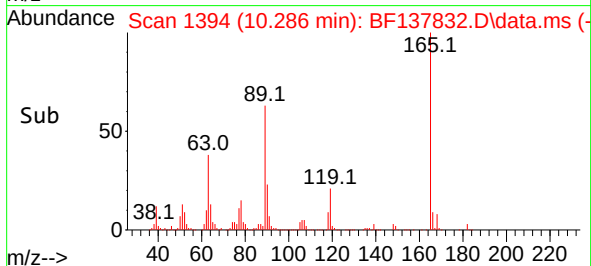
Instrument :
BNA_F
ClientSampleId :
V359MS



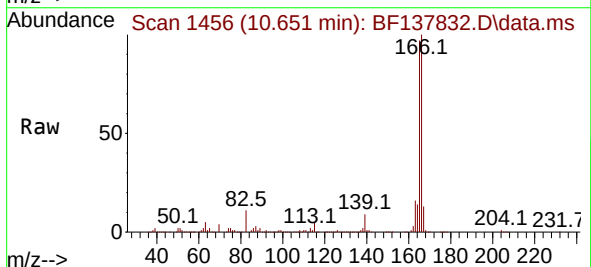
Tgt Ion:165 Resp: 347974
Ion Ratio Lower Upper
165 100
63 38.2 31.3 46.9
89 62.7 54.2 81.4
182 3.0 2.2 3.2

Manual Integrations
APPROVED

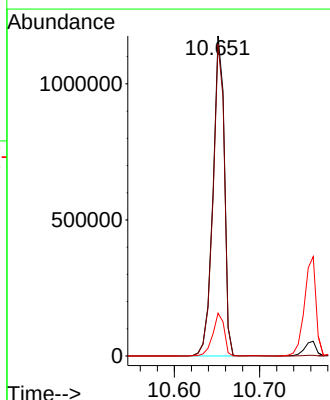
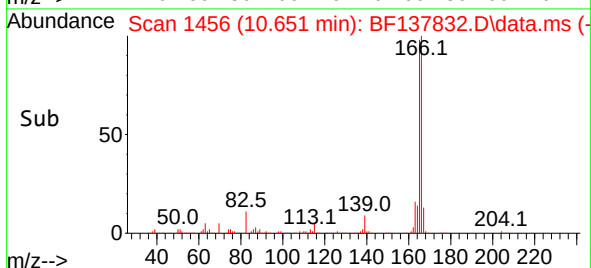
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

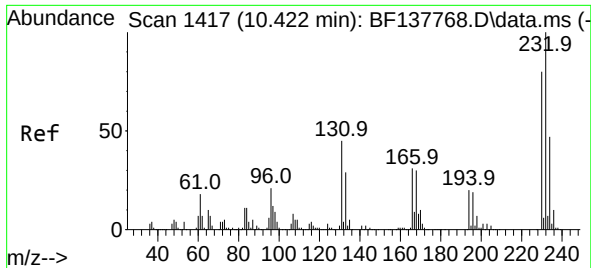


#58
Fluorene
Concen: 43.412 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49



Tgt Ion:166 Resp: 1095170
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.2
167 13.4 10.9 16.3





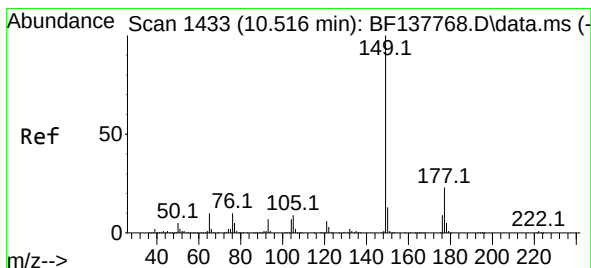
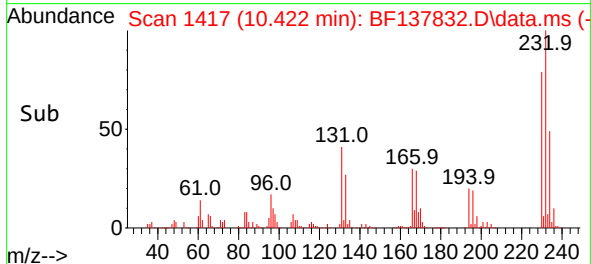
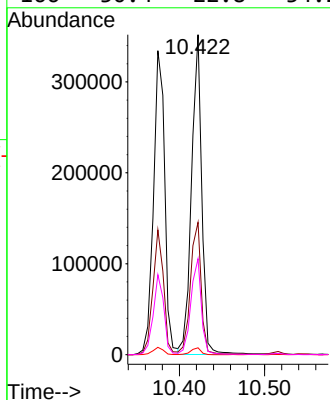
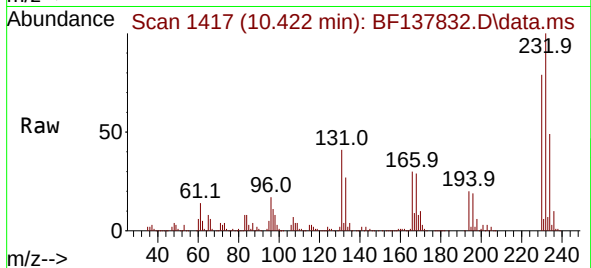
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.526 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Instrument :
BNA_F
ClientSampleId :
V359MS

Tgt Ion:232 Resp: 295051
Ion Ratio Lower Upper
232 100
131 42.8 33.4 50.0
130 2.1 1.7 2.5
166 30.4 22.8 34.2

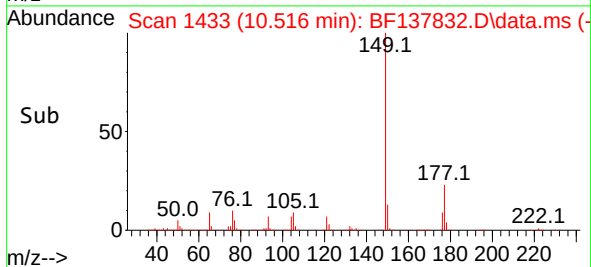
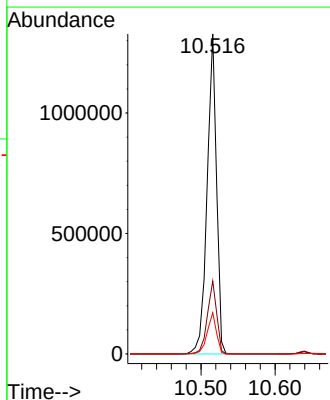
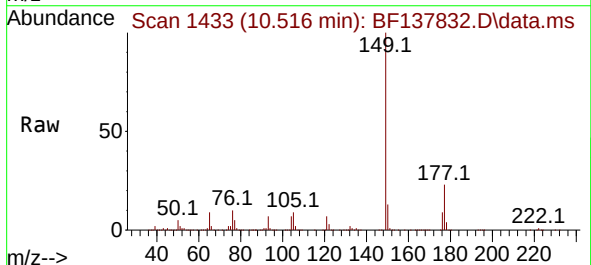
Manual Integrations
APPROVED

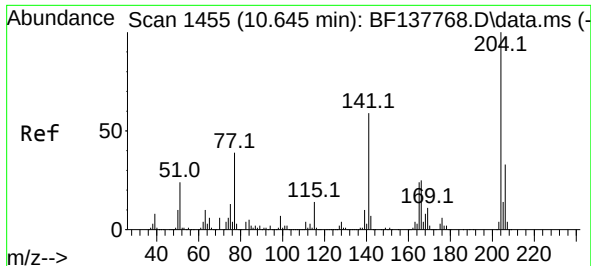
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#60
Diethylphthalate
Concen: 47.625 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

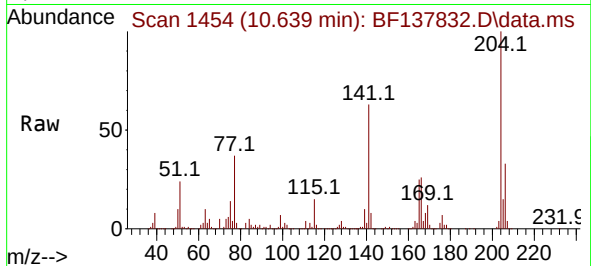
Tgt Ion:149 Resp: 1170743
Ion Ratio Lower Upper
149 100
177 22.8 18.4 27.6
150 12.9 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 44.590 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

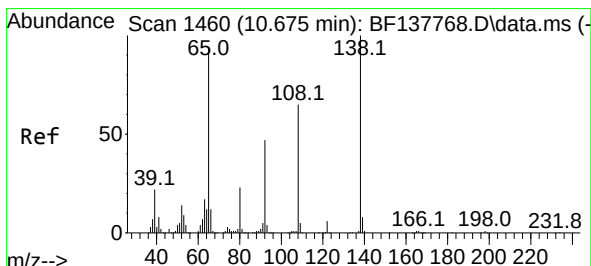
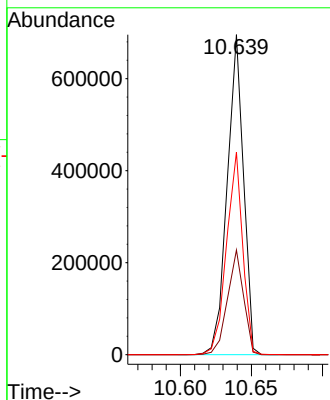
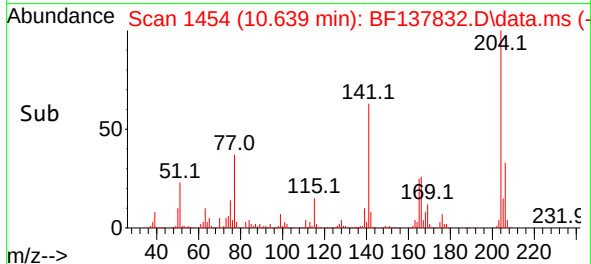
Instrument :
BNA_F
ClientSampleId :
V359MS



Tgt Ion:204 Resp: 554250
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 63.3 47.0 70.6

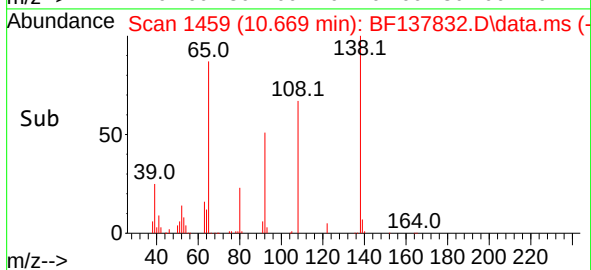
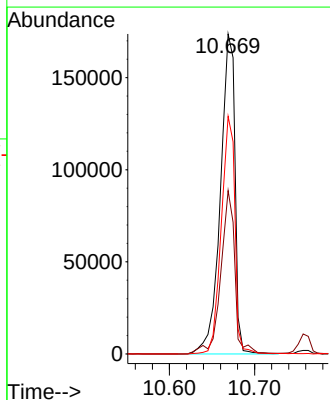
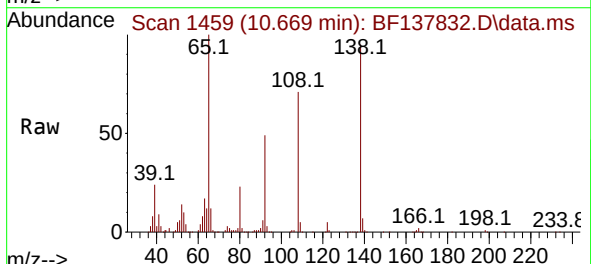
Manual Integrations
APPROVED

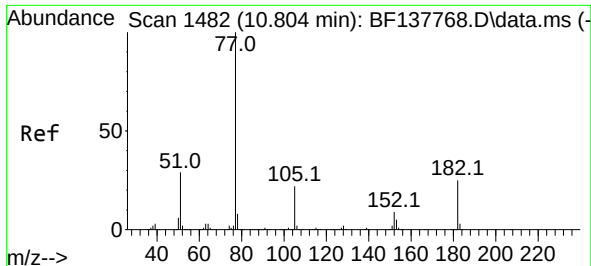
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#62
4-Nitroaniline
Concen: 32.891 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

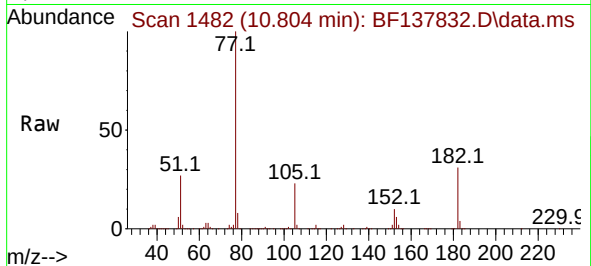
Tgt Ion:138 Resp: 206654
Ion Ratio Lower Upper
138 100
92 51.1 26.8 66.8
108 74.2 44.7 84.7





#63
Azobenzene
Concen: 43.603 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

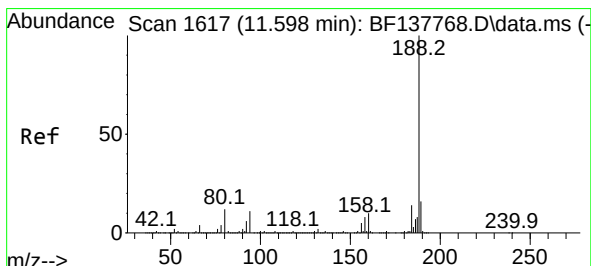
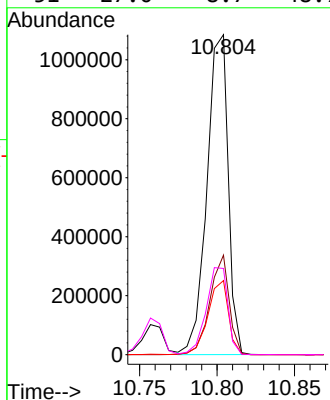
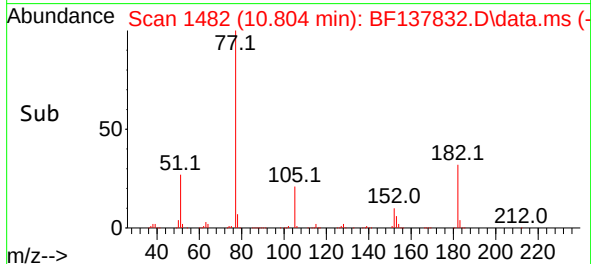
Instrument :
BNA_F
ClientSampleId :
V359MS



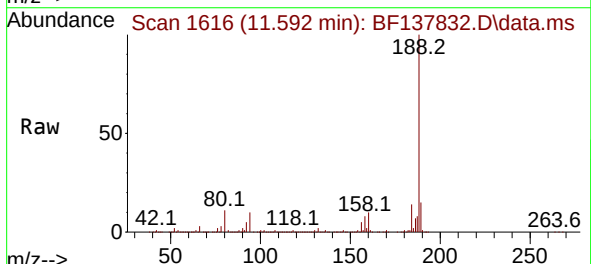
Tgt Ion: 77 Resp: 103594
Ion Ratio Lower Upper
77 100
182 31.1 5.1 45.1
105 23.2 2.2 42.2
51 27.0 8.7 48.7

Manual Integrations
APPROVED

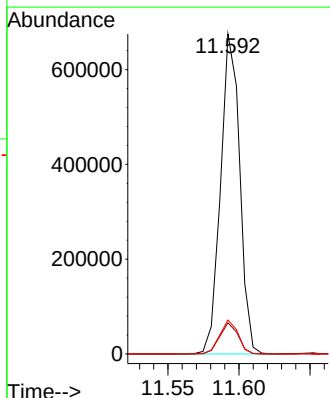
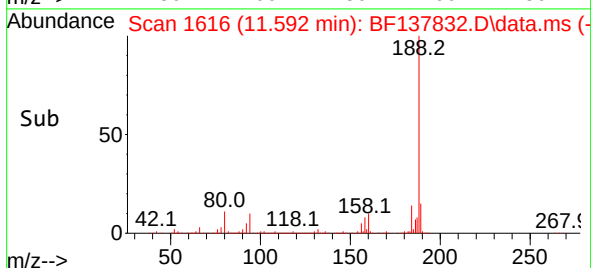
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

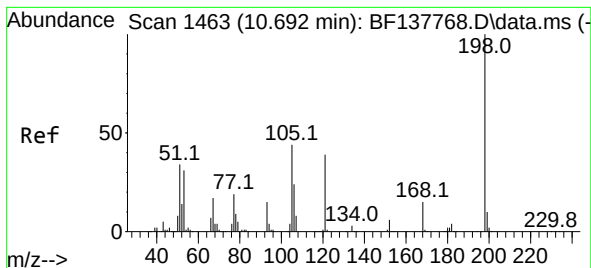


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49



Tgt Ion:188 Resp: 631301
Ion Ratio Lower Upper
188 100
94 9.8 8.8 13.2
80 10.6 9.6 14.4





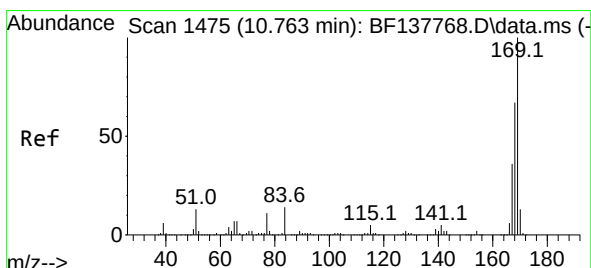
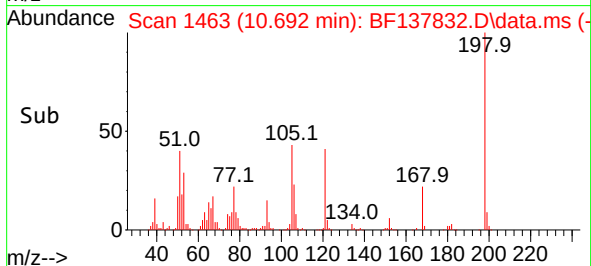
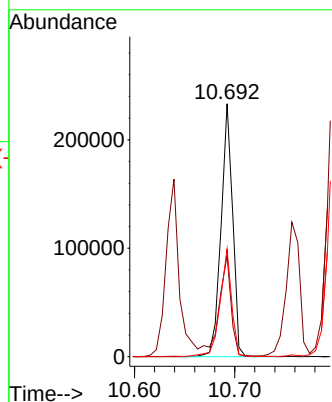
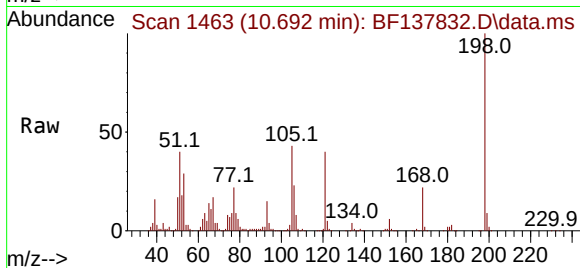
#65
4,6-Dinitro-2-methylphenol
Concen: 51.596 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Instrument :
BNA_F
ClientSampleId :
V359MS

Tgt Ion:198 Resp: 186954
Ion Ratio Lower Upper
198 100
51 39.9 25.1 65.1
105 42.6 24.1 64.1

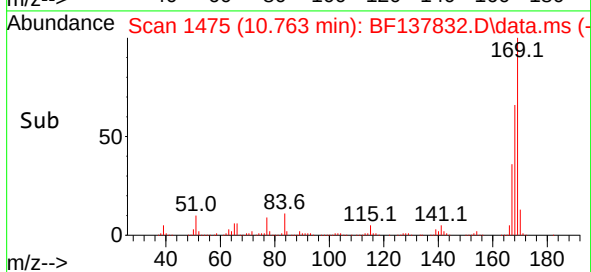
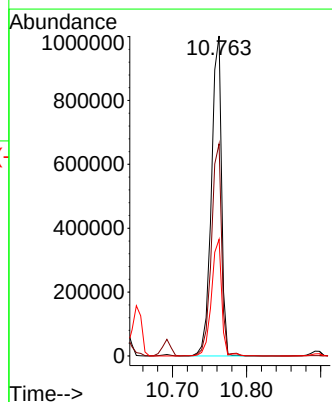
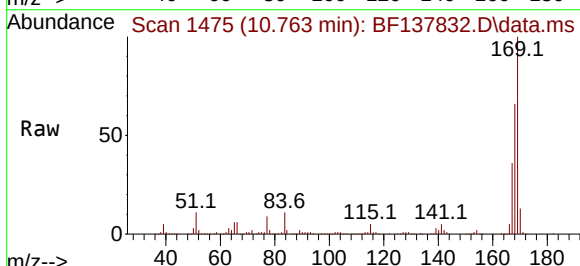
Manual Integrations
APPROVED

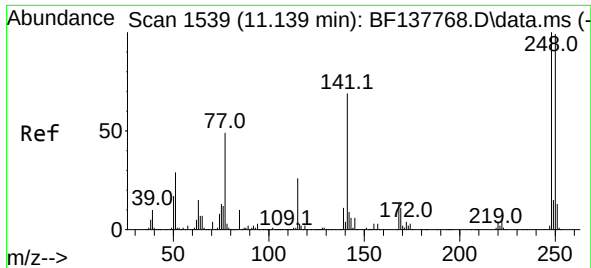
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#66
n-Nitrosodiphenylamine
Concen: 50.196 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

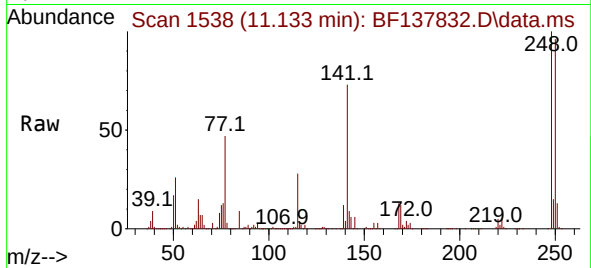
Tgt Ion:169 Resp: 948568
Ion Ratio Lower Upper
169 100
168 66.3 53.3 79.9
167 36.5 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 50.581 ng
RT: 11.133 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

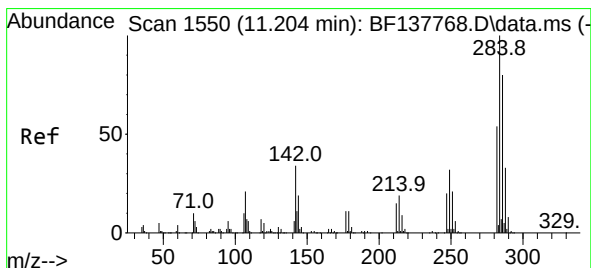
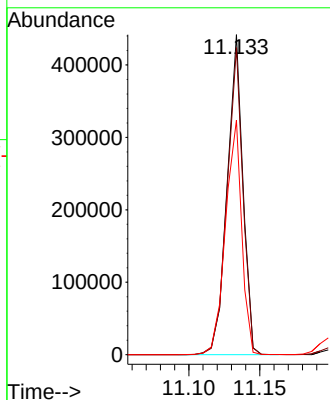
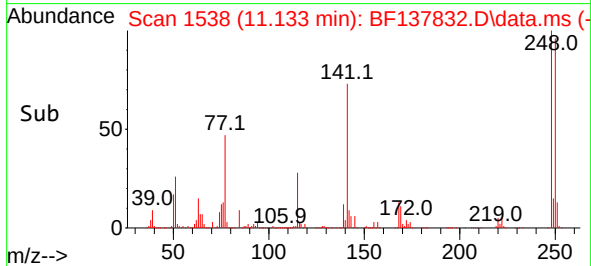
Instrument :
BNA_F
ClientSampleId :
V359MS



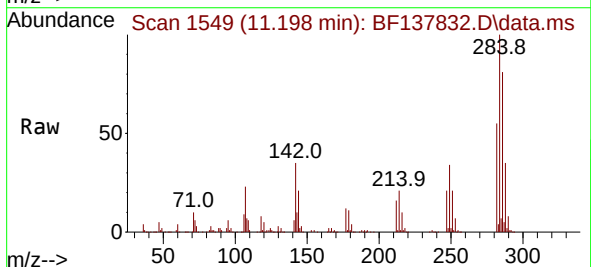
Tgt Ion:248 Resp: 34174
Ion Ratio Lower Upper
248 100
250 95.9 79.1 118.7
141 73.3 55.4 83.2

Manual Integrations
APPROVED

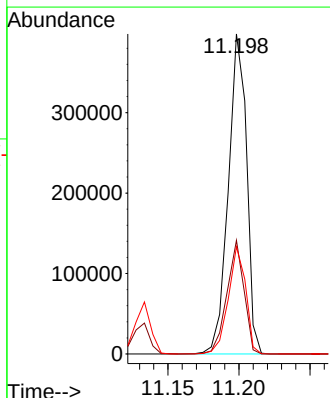
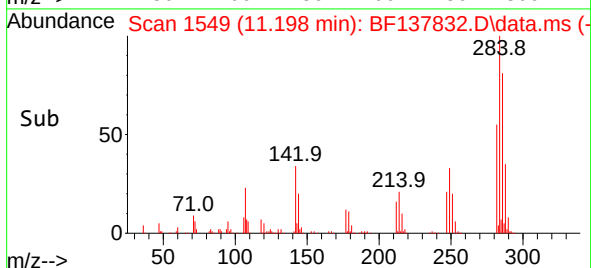
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

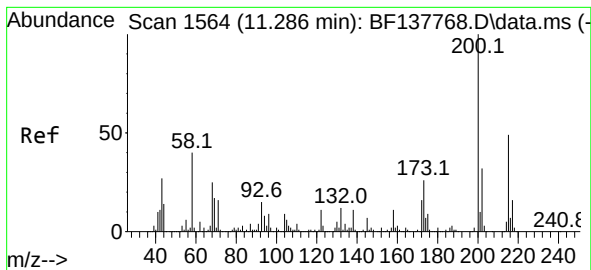


#68
Hexachlorobenzene
Concen: 48.289 ng
RT: 11.198 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49



Tgt Ion:284 Resp: 356535
Ion Ratio Lower Upper
284 100
142 35.5 27.3 40.9
249 33.5 25.6 38.4





#69

Atrazine

Concen: 54.336 ng

RT: 11.281 min Scan# 1563

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA_F

ClientSampleId :

V359MS

Tgt Ion:200 Resp: 31308

Ion Ratio Lower Upper

200 100

173 26.9 5.9 45.9

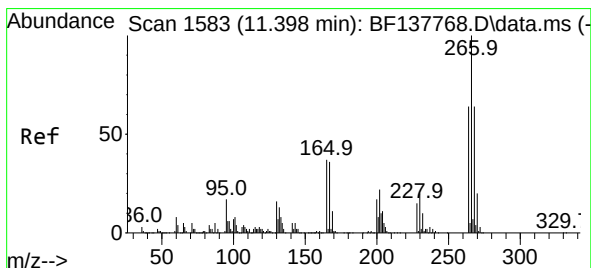
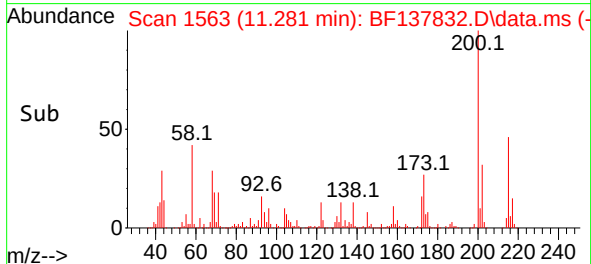
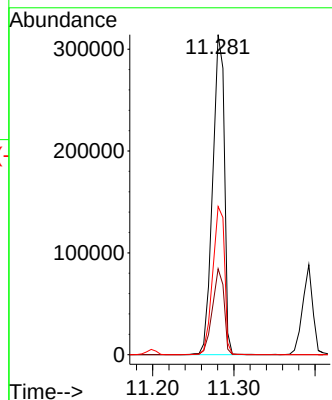
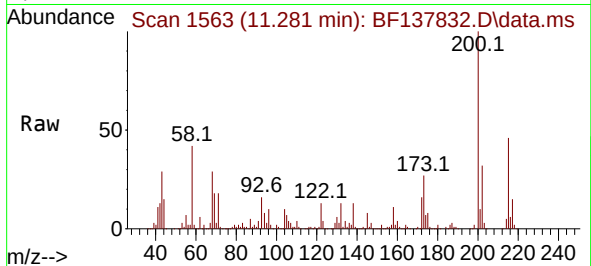
215 46.3 28.8 68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#70

Pentachlorophenol

Concen: 82.317 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

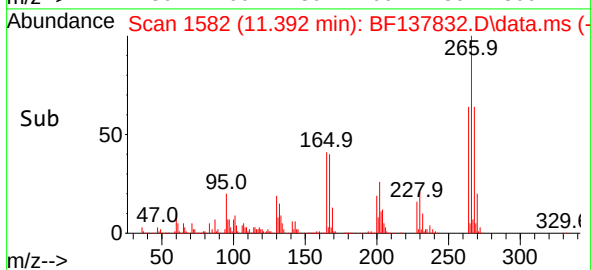
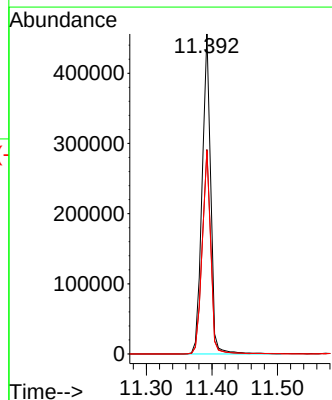
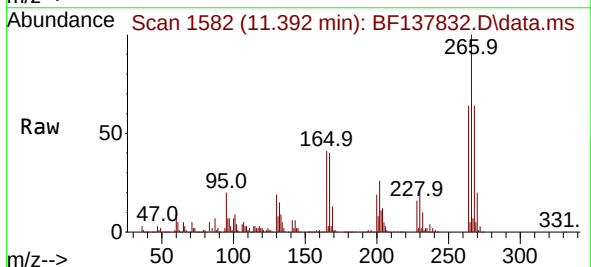
Tgt Ion:266 Resp: 417264

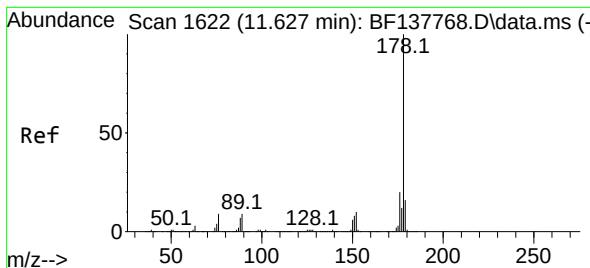
Ion Ratio Lower Upper

266 100

268 63.9 51.3 76.9

264 63.5 51.0 76.4





#71

Phenanthrene

Concen: 46.211 ng

RT: 11.622 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA_F

ClientSampleId :

V359MS

Tgt Ion:178 Resp: 142193

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

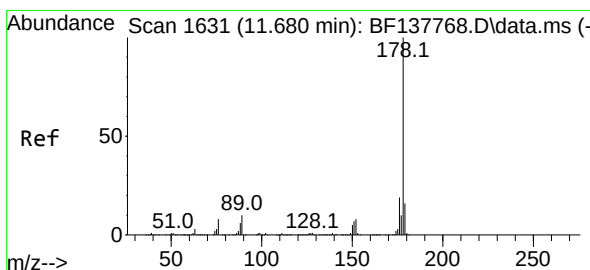
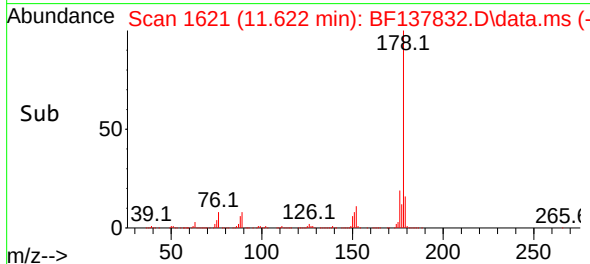
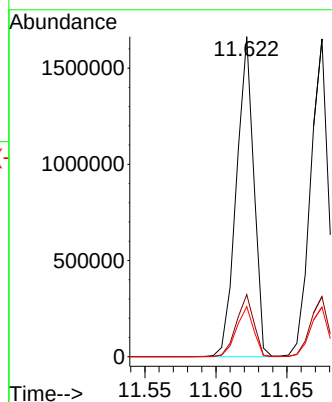
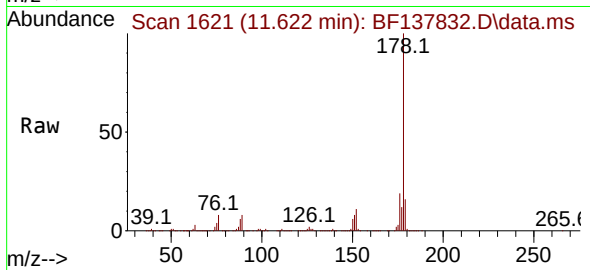
179 15.6 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#72

Anthracene

Concen: 46.444 ng

RT: 11.675 min Scan# 1630

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

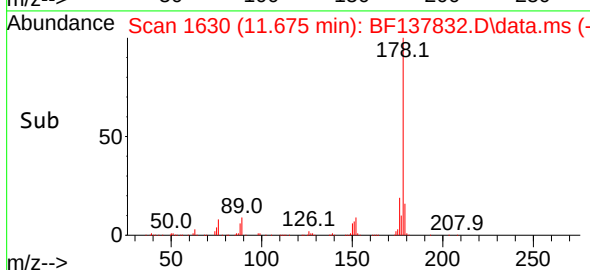
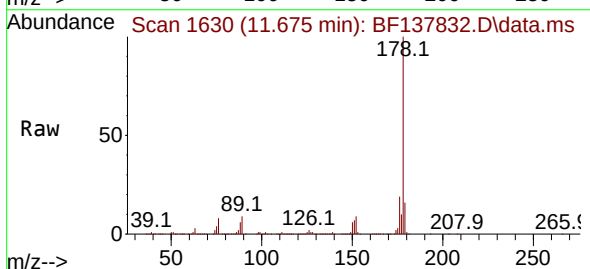
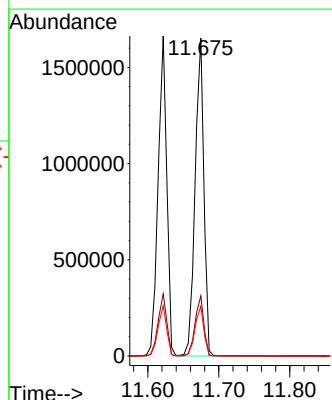
Tgt Ion:178 Resp: 1421942

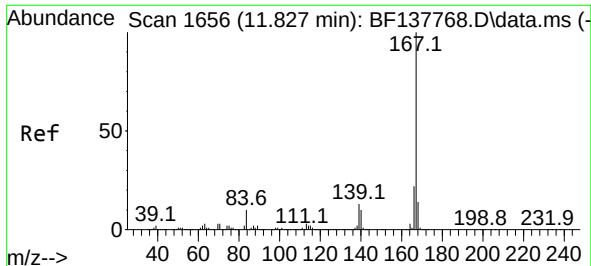
Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

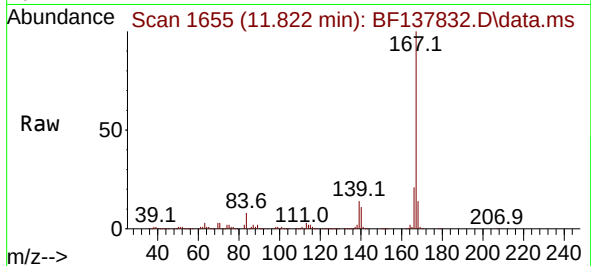
179 15.6 12.6 18.8





#73
 Carbazole
 Concen: 39.437 ng
 RT: 11.822 min Scan# 1656
 Delta R.T. -0.006 min
 Lab File: BF137832.D
 Acq: 03 May 2024 16:49

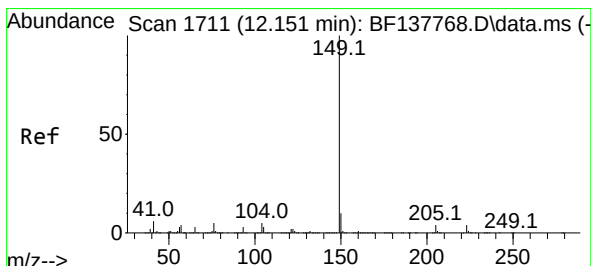
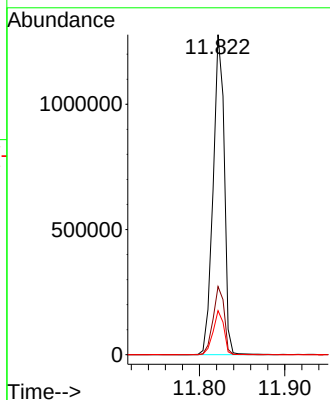
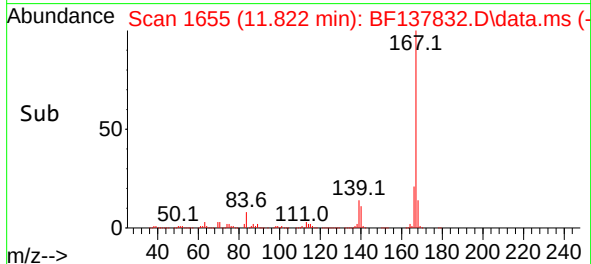
Instrument :
 BNA_F
 ClientSampleId :
 V359MS



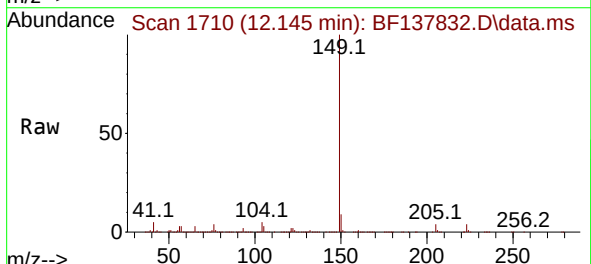
Tgt Ion:167 Resp: 1163660
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.6 26.4
 139 13.8 10.5 15.7

Manual Integrations
 APPROVED

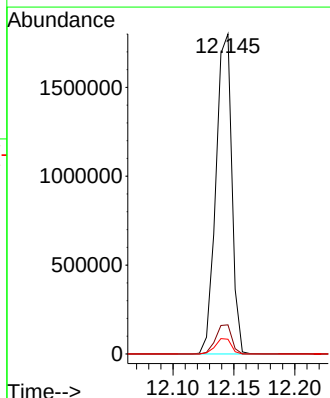
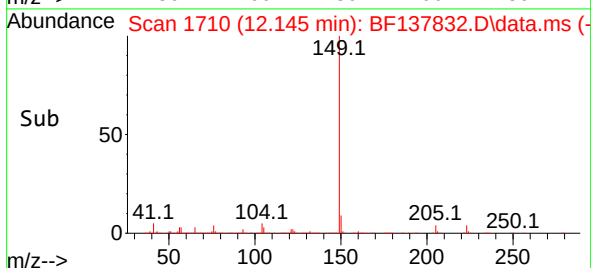
Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/06/2024

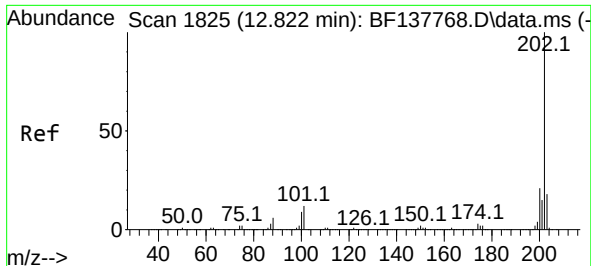


#74
 Di-n-butylphthalate
 Concen: 50.954 ng
 RT: 12.145 min Scan# 1710
 Delta R.T. -0.006 min
 Lab File: BF137832.D
 Acq: 03 May 2024 16:49



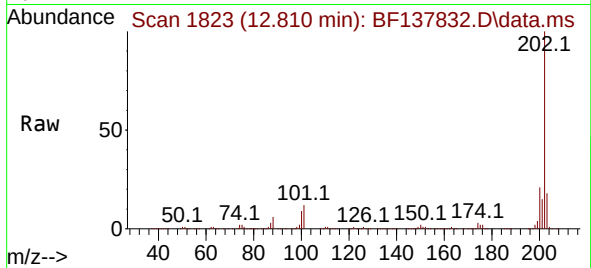
Tgt Ion:149 Resp: 1640056
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 4.6 3.8 5.8





#75
Fluoranthene
Concen: 35.812 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.012 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

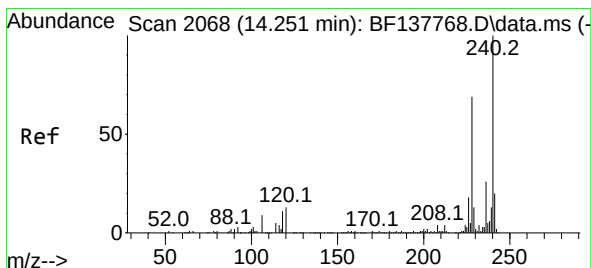
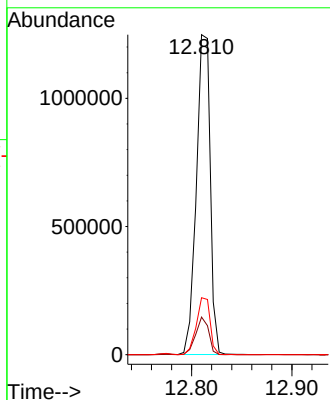
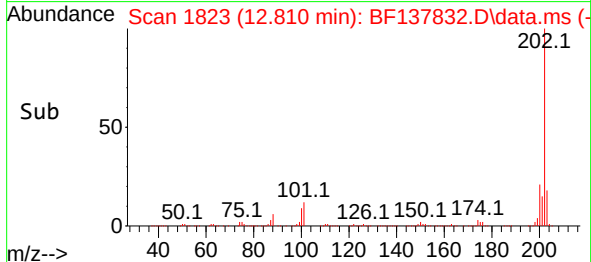
Instrument :
BNA_F
ClientSampleId :
V359MS



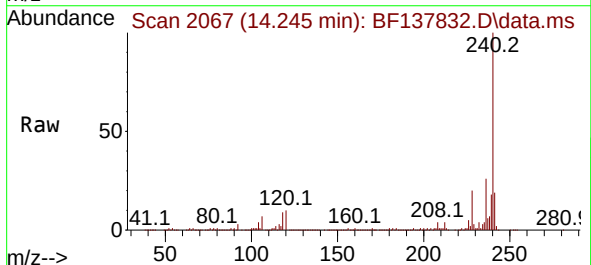
Tgt Ion:202 Resp: 120456
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.8
203 17.8 0.0 37.8

Manual Integrations
APPROVED

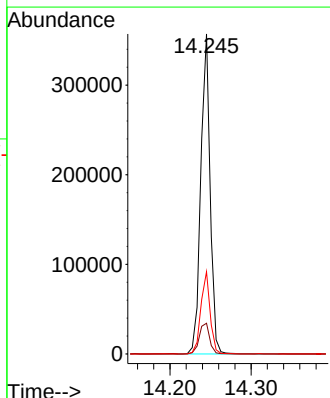
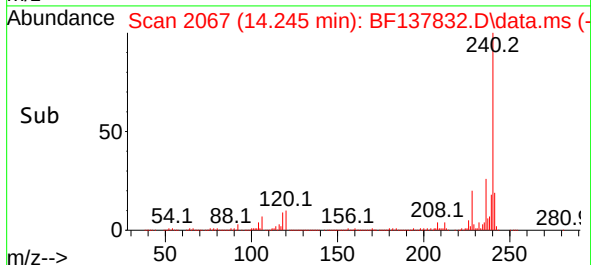
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

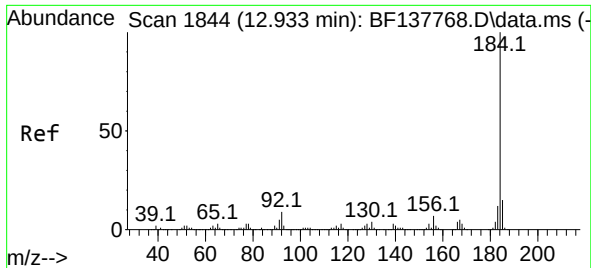


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49



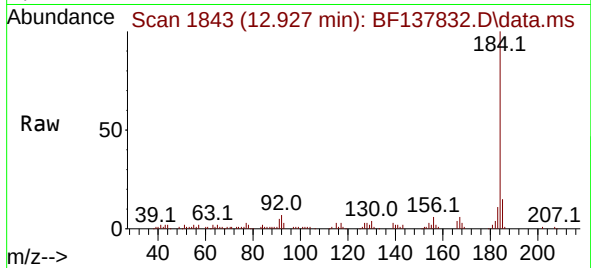
Tgt Ion:240 Resp: 286230
Ion Ratio Lower Upper
240 100
120 9.6 10.4 15.6#
236 25.7 20.4 30.6





#77
Benzidine
Concen: 9.474 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

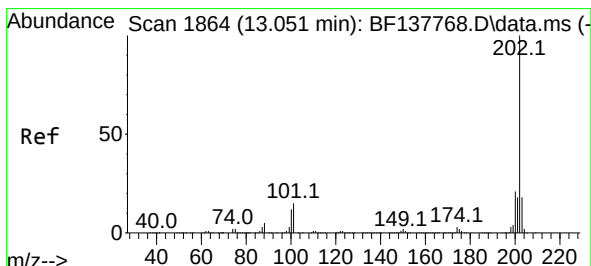
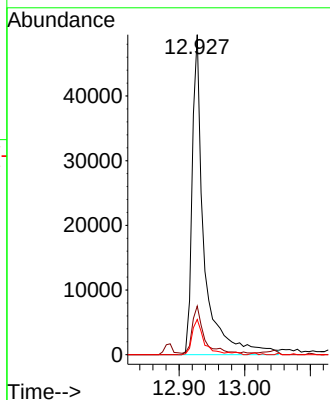
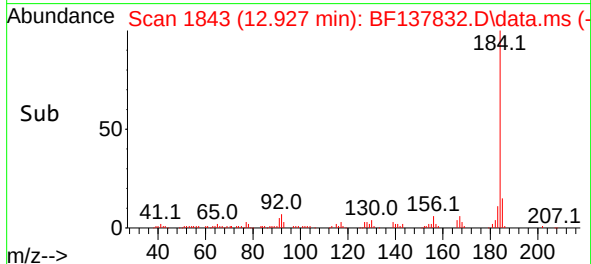
Instrument :
BNA_F
ClientSampleId :
V359MS



Tgt Ion:184 Resp: 62718
Ion Ratio Lower Upper
184 100
185 15.2 12.3 18.5
183 11.0 9.2 13.8

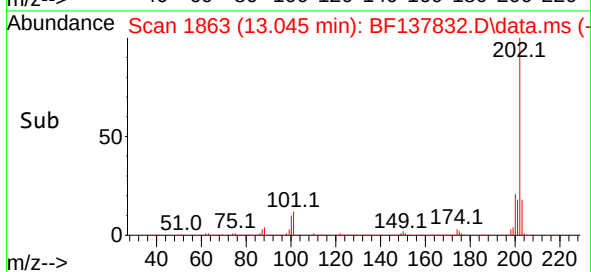
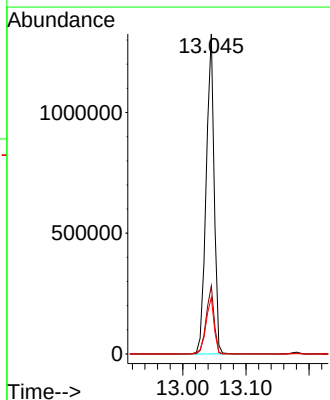
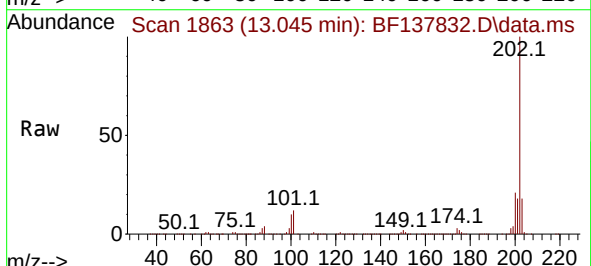
Manual Integrations
APPROVED

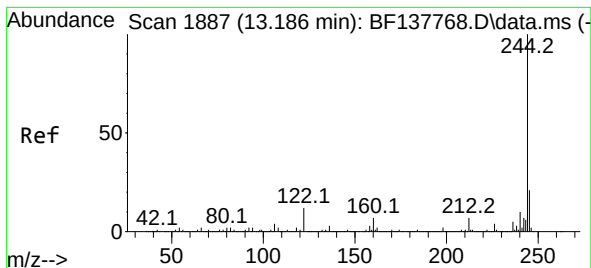
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#78
Pyrene
Concen: 51.404 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

Tgt Ion:202 Resp: 1166595
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 108.681 ng

RT: 13.180 min Scan# 1886

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA_F

ClientSampleId :

V359MS

Tgt Ion:244 Resp: 185622

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

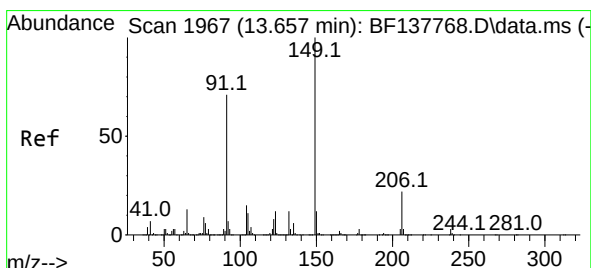
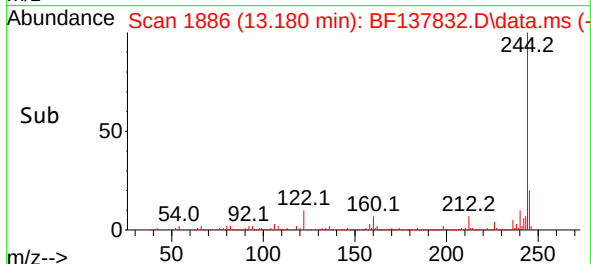
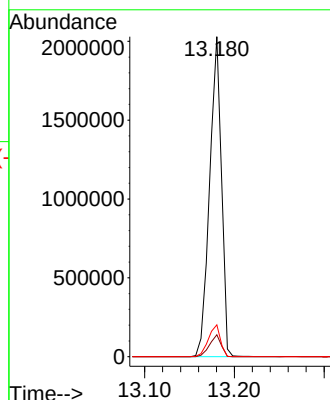
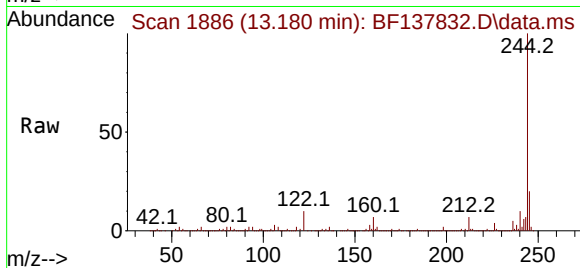
122 10.0 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#80

Butylbenzylphthalate

Concen: 65.985 ng

RT: 13.651 min Scan# 1966

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

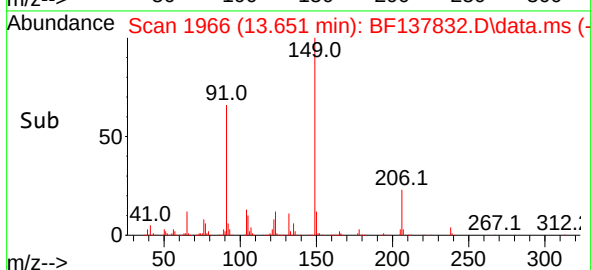
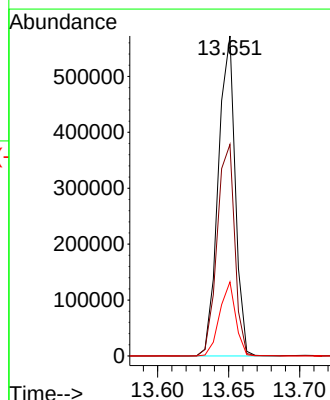
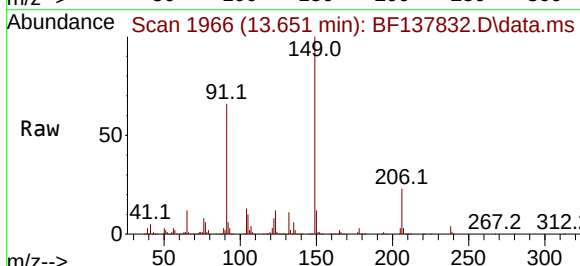
Tgt Ion:149 Resp: 475134

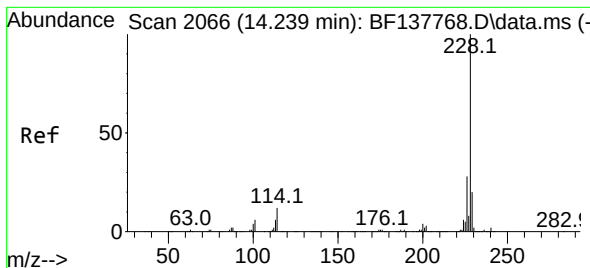
Ion Ratio Lower Upper

149 100

91 66.1 56.8 85.2

206 23.2 17.8 26.8





#81

Benzo(a)anthracene

Concen: 47.360 ng

RT: 14.233 min Scan# 2066

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA_F

ClientSampleId :

V359MS

Tgt Ion:228 Resp: 867028

Ion Ratio Lower Upper

228 100

226 27.0 22.2 33.2

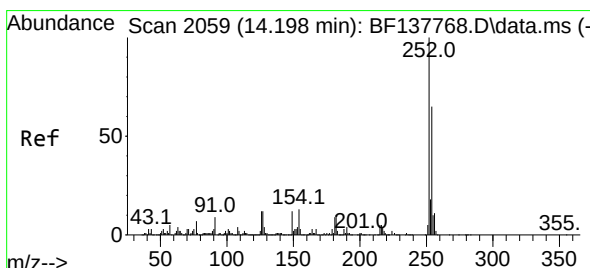
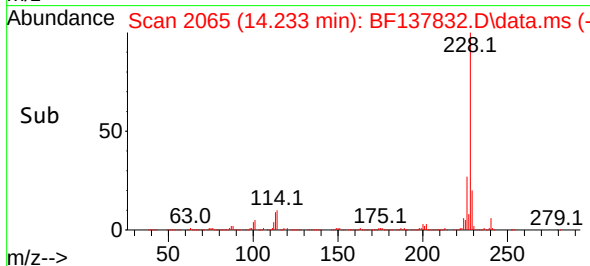
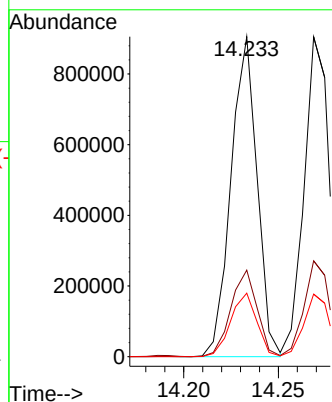
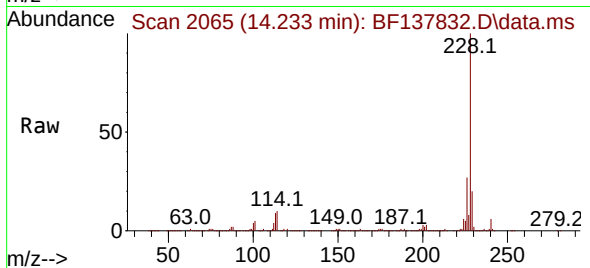
229 19.8 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#82

3,3'-Dichlorobenzidine

Concen: 29.370 ng

RT: 14.192 min Scan# 2058

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

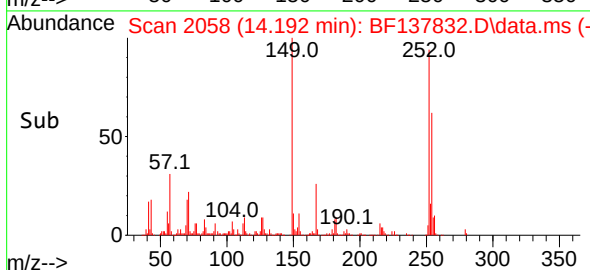
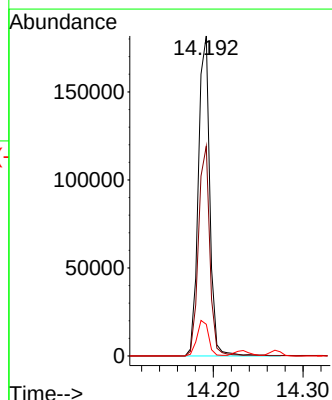
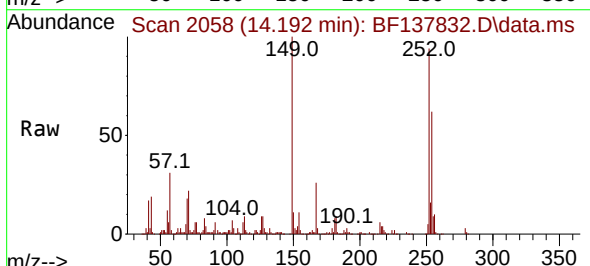
Tgt Ion:252 Resp: 160963

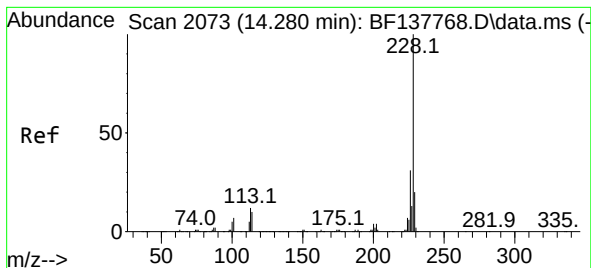
Ion Ratio Lower Upper

252 100

254 65.6 51.7 77.5

126 9.9 9.7 14.5





#83

Chrysene

Concen: 47.767 ng

RT: 14.269 min Scan# 2071

Delta R.T. -0.012 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA_F

ClientSampleId :

V359MS

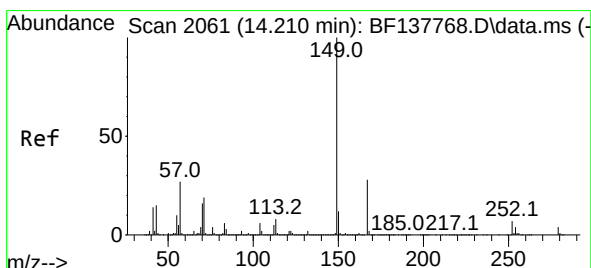
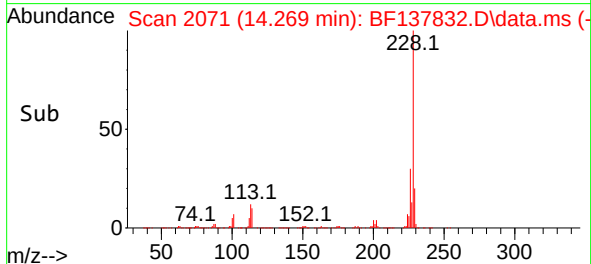
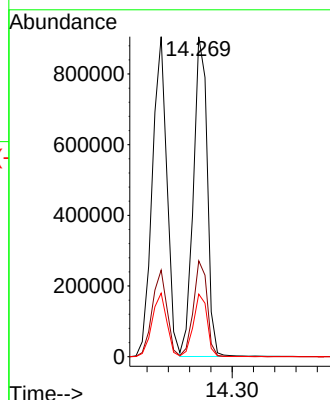
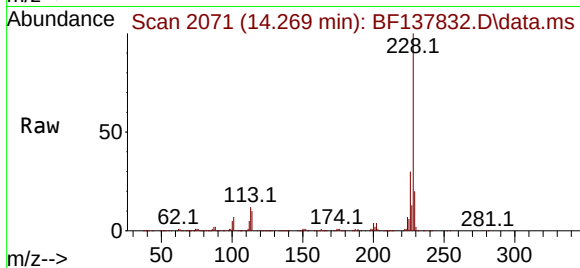
Tgt Ion:228 Resp: 818780
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.8 37.2
 229 19.6 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 73.654 ng

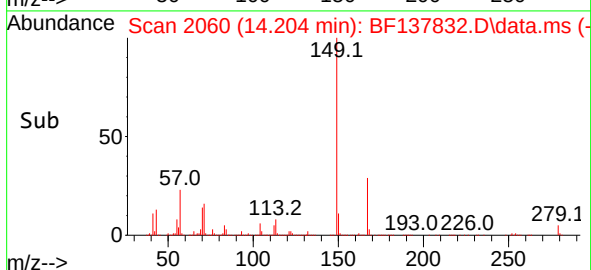
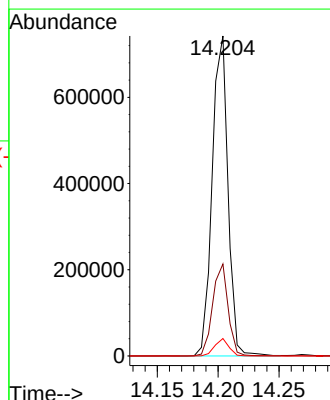
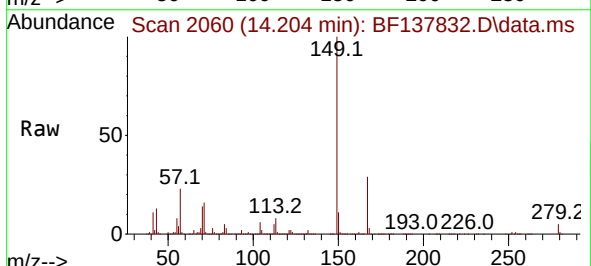
RT: 14.204 min Scan# 2060

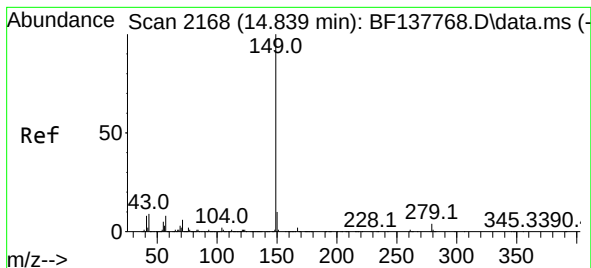
Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

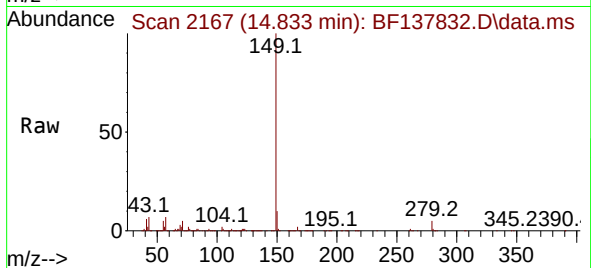
Tgt Ion:149 Resp: 668397
 Ion Ratio Lower Upper
 149 100
 167 28.7 22.4 33.6
 279 5.4 3.6 5.4#





#85
Di-n-octyl phthalate
Concen: 83.502 ng
RT: 14.833 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

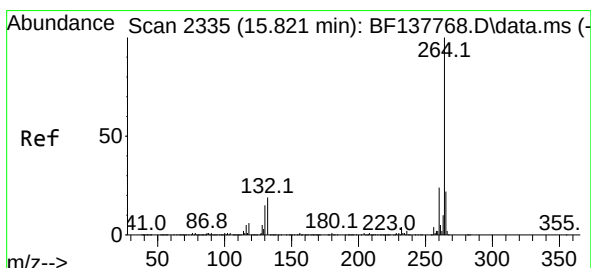
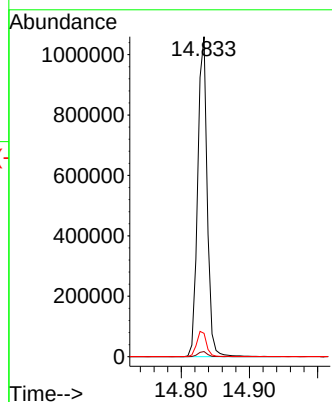
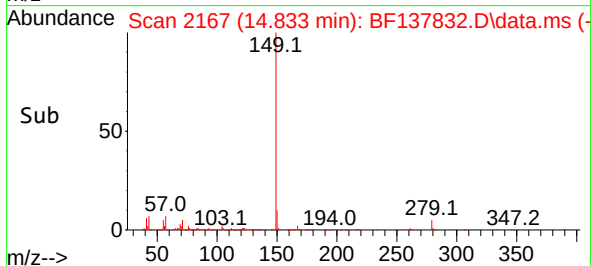
Instrument :
BNA_F
ClientSampleId :
V359MS



Tgt Ion:149 Resp: 101980
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.2 7.5 11.3

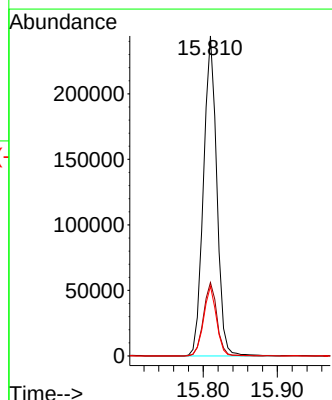
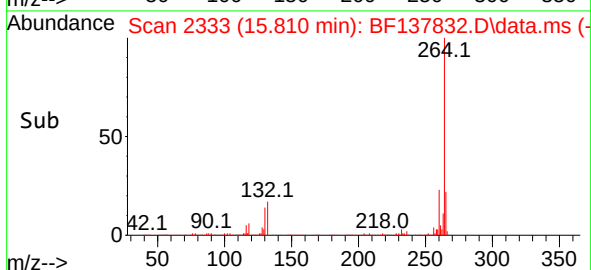
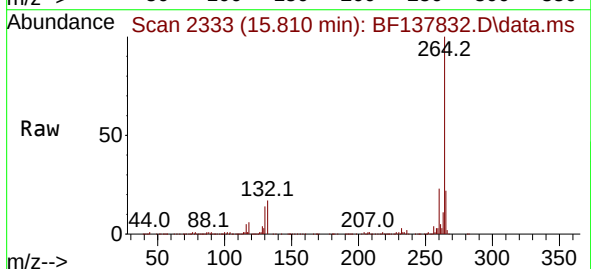
Manual Integrations
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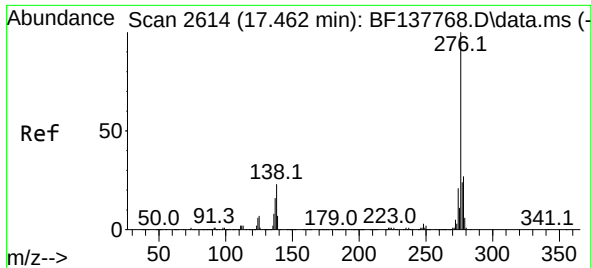
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.810 min Scan# 2333
Delta R.T. -0.012 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

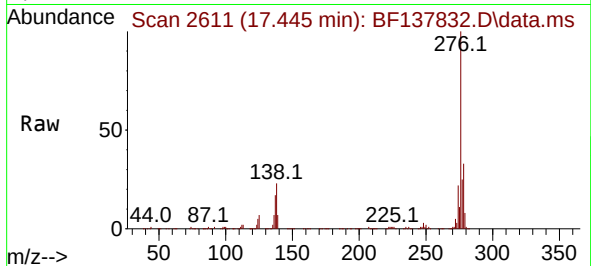
Tgt Ion:264 Resp: 305123
Ion Ratio Lower Upper
264 100
260 22.9 18.9 28.3
265 21.8 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.232 ng
RT: 17.445 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49

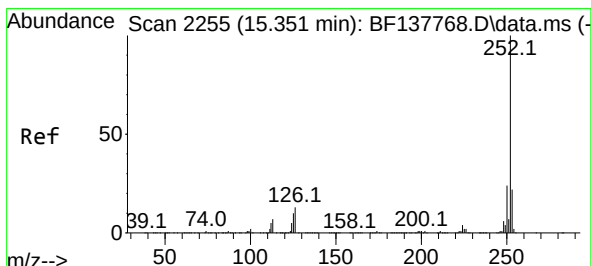
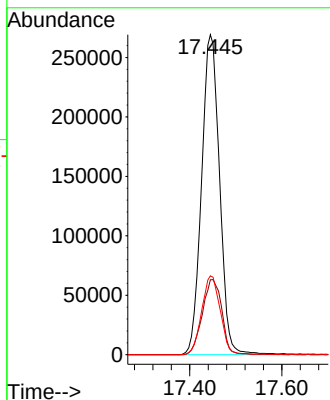
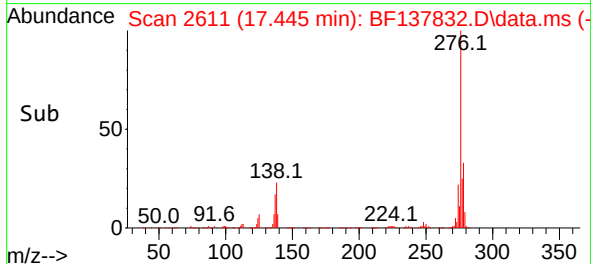
Instrument :
BNA_F
ClientSampleId :
V359MS



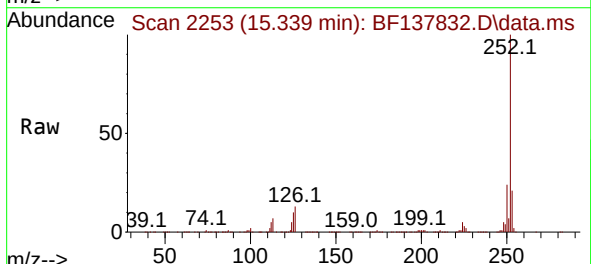
Tgt Ion:276 Resp: 73261
Ion Ratio Lower Upper
276 100
138 25.3 21.4 32.0
277 25.4 20.1 30.1

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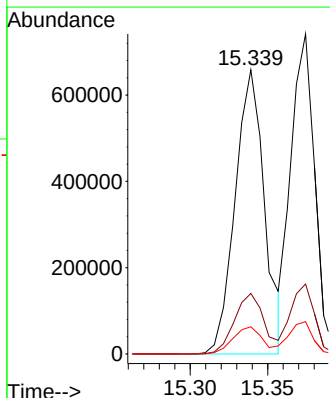
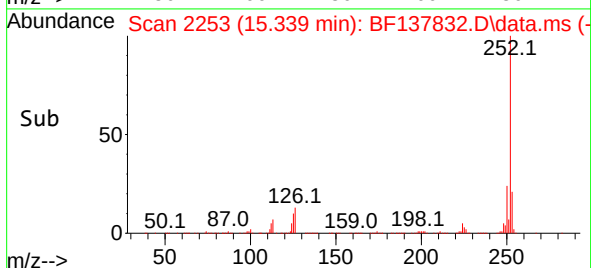
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

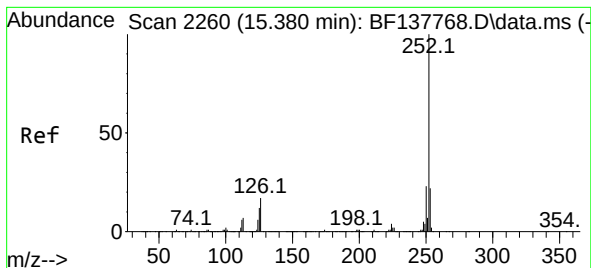


#88
Benzo(b)fluoranthene
Concen: 45.731 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF137832.D
Acq: 03 May 2024 16:49



Tgt Ion:252 Resp: 868157
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 9.6 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 43.732 ng

RT: 15.374 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA_F

ClientSampleId :

V359MS

Tgt Ion:252 Resp: 80243

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

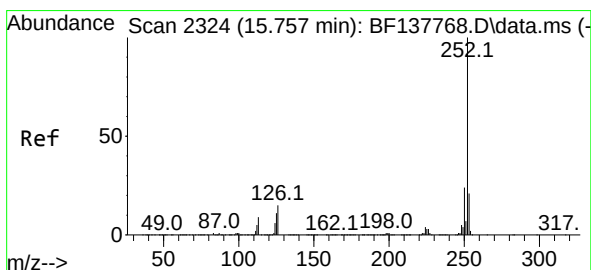
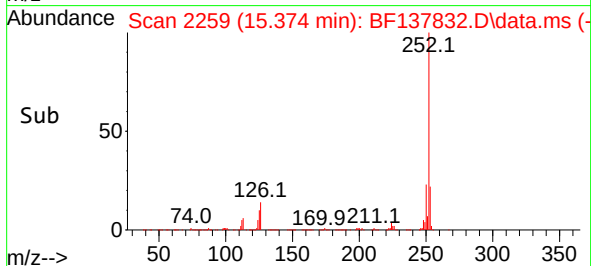
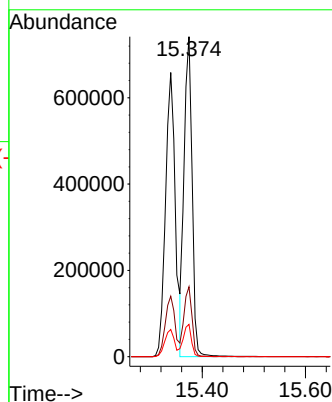
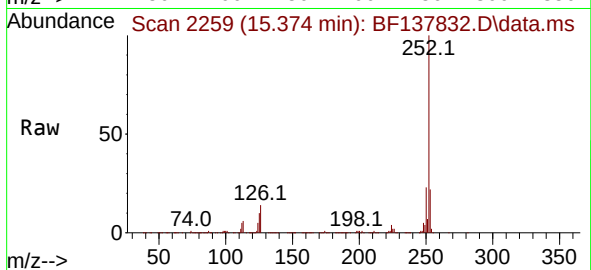
125 10.1 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#90

Benzo(a)pyrene

Concen: 49.160 ng

RT: 15.745 min Scan# 2322

Delta R.T. -0.012 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

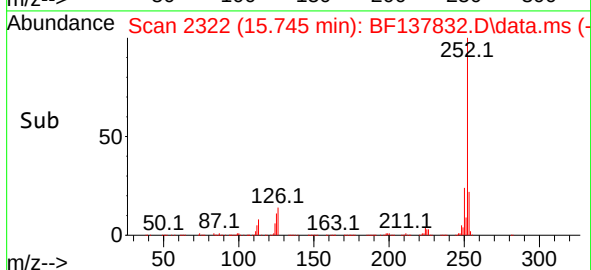
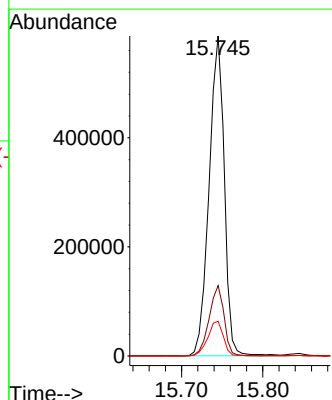
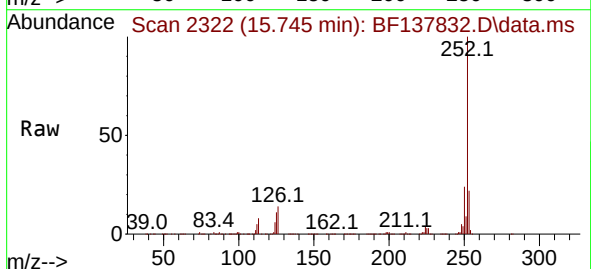
Tgt Ion:252 Resp: 761376

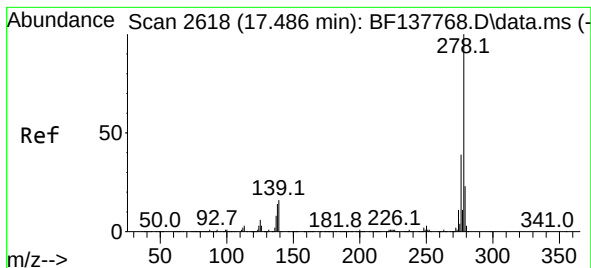
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 10.9 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 41.615 ng

RT: 17.468 min Scan# 2615

Delta R.T. -0.018 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA_F

ClientSampleId :

V359MS

Tgt Ion:278 Resp: 587604

Ion Ratio Lower Upper

278 100

139 15.9 13.0 19.6

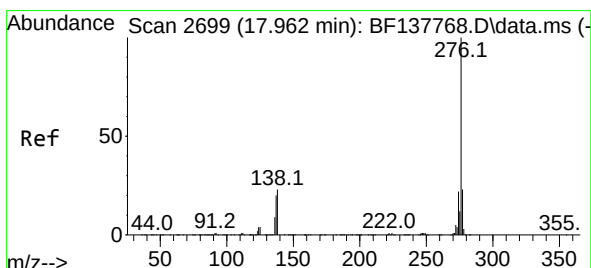
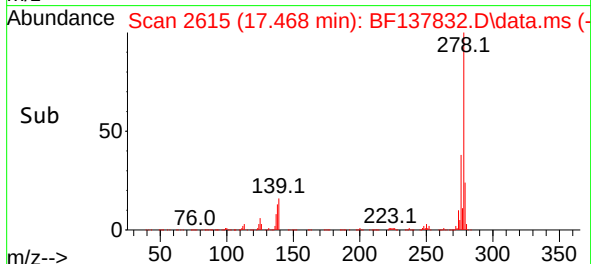
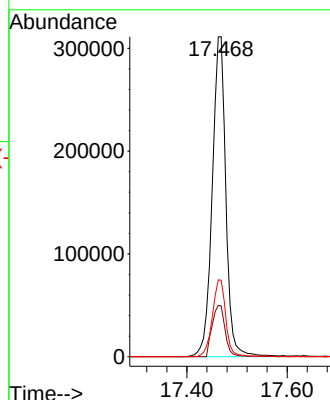
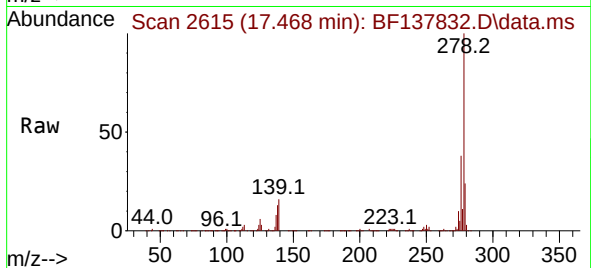
279 23.9 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#92

Benzo(g,h,i)perylene

Concen: 36.203 ng

RT: 17.945 min Scan# 2696

Delta R.T. -0.018 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Tgt Ion:276 Resp: 535885

Ion Ratio Lower Upper

276 100

277 23.9 18.0 27.0

138 22.0 18.1 27.1

