

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137888.D
 Acq On : 10 May 2024 18:52
 Operator : CG\JU
 Sample : P2422-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP-DMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :mohammad ahmed 05/13/2024

Quant Time: May 11 00:41:25 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	164415	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	646182	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	356107	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	552994	20.000	ng	0.00
76) Chrysene-d12	14.245	240	293651	20.000	ng	# 0.00
86) Perylene-d12	15.810	264	307712	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1094322	111.438	ng	0.01
7) Phenol-d6	6.669	99	1284463	103.122	ng	0.00
23) Nitrobenzene-d5	7.616	82	911858	81.985	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	481595	132.454	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1909390	86.989	ng	-0.01
79) Terphenyl-d14	13.174	244	1695207	96.745	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.152	88	141618	32.025	ng	# 84
3) Pyridine	3.834	79	256125	23.932	ng	97
4) n-Nitrosodimethylamine	3.787	42	177918	36.918	ng	97
6) Aniline	6.710	93	206074	16.692	ng	98
8) 2-Chlorophenol	6.834	128	443556	41.447	ng	100
9) Benzaldehyde	6.604	77	106563	15.887	ng	99
10) Phenol	6.681	94	458096	35.893	ng	99
11) bis(2-Chloroethyl)ether	6.781	93	395726	39.598	ng	99
12) 1,3-Dichlorobenzene	6.992	146	448341	37.151	ng	98
13) 1,4-Dichlorobenzene	7.069	146	457099	37.748	ng	98
14) 1,2-Dichlorobenzene	7.222	146	445928	39.099	ng	98
15) Benzyl Alcohol	7.187	79	358558	41.626	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.310	45	510029	36.309	ng	98
17) 2-Methylphenol	7.292	107	361236	41.833	ng	99
18) Hexachloroethane	7.563	117	151909	37.109	ng	99
19) n-Nitroso-di-n-propyla...	7.457	70	298779	40.138	ng	96
20) 3+4-Methylphenols	7.439	107	458730	40.378	ng	96
22) Acetophenone	7.457	105	617787	42.510	ng	98
24) Nitrobenzene	7.634	77	453831	39.590	ng	96
25) Isophorone	7.869	82	846094	42.192	ng	98
26) 2-Nitrophenol	7.945	139	245714	47.335	ng	91
27) 2,4-Dimethylphenol	7.975	122	336066	44.969	ng	98
28) bis(2-Chloroethoxy)met...	8.075	93	501744	41.324	ng	99
29) 2,4-Dichlorophenol	8.186	162	396450	43.889	ng	98
30) 1,2,4-Trichlorobenzene	8.275	180	401544	40.777	ng	99
31) Naphthalene	8.357	128	1319030	41.075	ng	100
32) Benzoic acid	8.081	122	257557	39.949	ng	99
33) 4-Chloroaniline	8.398	127	47492	3.988	ng	99
34) Hexachlorobutadiene	8.469	225	238934	39.521	ng	98
35) Caprolactam	8.769	113	113861m	39.783	ng	
36) 4-Chloro-3-methylphenol	8.875	107	424799	45.096	ng	96
37) 2-Methylnaphthalene	9.051	142	891547	42.890	ng	100
38) 1-Methylnaphthalene	9.151	142	831841	40.676	ng	100
40) 1,2,4,5-Tetrachloroben...	9.216	216	419428	44.470	ng	99
41) Hexachlorocyclopentadiene	9.198	237	414187	108.117	ng	100
43) 2,4,6-Trichlorophenol	9.322	196	293404	45.700	ng	100

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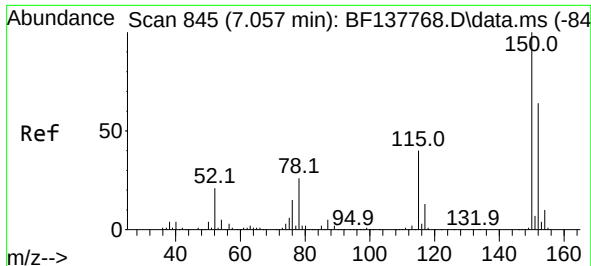
Manual Integrations
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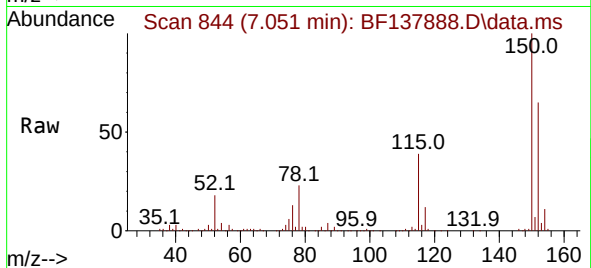
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	323587	45.645	ng	97
46) 1,1'-Biphenyl	9.516	154	1111934	45.498	ng	98
47) 2-Chloronaphthalene	9.539	162	859423	43.558	ng	98
48) 2-Nitroaniline	9.633	65	246080	45.986	ng	97
49) Acenaphthylene	9.963	152	1386333	48.572	ng	100
50) Dimethylphthalate	9.810	163	1099929	48.928	ng	100
51) 2,6-Dinitrotoluene	9.875	165	243268	47.351	ng	97
52) Acenaphthene	10.133	154	905688	47.872	ng	99
53) 3-Nitroaniline	10.045	138	109829	20.414	ng	96
54) 2,4-Dinitrophenol	10.151	184	218822	86.684	ng	94
55) Dibenzofuran	10.304	168	1255721	45.611	ng	99
56) 4-Nitrophenol	10.198	139	264536	59.326	ng	96
57) 2,4-Dinitrotoluene	10.280	165	318963	47.522	ng	94
58) Fluorene	10.651	166	972800	44.398	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.416	232	261489	45.434	ng	99
60) Diethylphthalate	10.510	149	1020980	47.819	ng	99
61) 4-Chlorophenyl-phenyle...	10.639	204	487315	45.138	ng	97
62) 4-Nitroaniline	10.663	138	187759	34.407	ng	96
63) Azobenzene	10.798	77	909195	44.059	ng	96
65) 4,6-Dinitro-2-methylph...	10.686	198	162894	51.321	ng	97
66) n-Nitrosodiphenylamine	10.757	169	856270	51.728	ng	98
67) 4-Bromophenyl-phenylether	11.127	248	316748	53.521	ng	95
68) Hexachlorobenzene	11.198	284	340628	52.668	ng	93
69) Atrazine	11.280	200	293220	58.095	ng	97
70) Pentachlorophenol	11.392	266	369758	83.275	ng	98
71) Phenanthrene	11.622	178	1299843	48.225	ng	99
72) Anthracene	11.669	178	1306609	48.720	ng	99
73) Carbazole	11.822	167	1063088	41.131	ng	99
74) Di-n-butylphthalate	12.139	149	1395040	49.479	ng	100
75) Fluoranthene	12.810	202	1122800	38.108	ng	99
77) Benzidine	12.927	184	61202	9.012	ng	99
78) Pyrene	13.039	202	1132746	48.651	ng	100
80) Butylbenzylphthalate	13.645	149	412432	55.830	ng	100
81) Benzo(a)anthracene	14.233	228	920182	48.994	ng	98
82) 3,3'-Dichlorobenzidine	14.192	252	195555	34.780	ng	# 98
83) Chrysene	14.268	228	883407	50.234	ng	99
84) Bis(2-ethylhexyl)phtha...	14.204	149	564200	60.601	ng	# 98
85) Di-n-octyl phthalate	14.827	149	879751	70.214	ng	98
87) Indeno(1,2,3-cd)pyrene	17.445	276	655405	37.464	ng	99
88) Benzo(b)fluoranthene	15.339	252	965426	50.427	ng	100
89) Benzo(k)fluoranthene	15.374	252	880418m	47.579	ng	
90) Benzo(a)pyrene	15.745	252	797850	51.082	ng	99
91) Dibenzo(a,h)anthracene	17.462	278	527170	37.021	ng	100
92) Benzo(g,h,i)perylene	17.939	276	490550	32.861	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: BF137888.D
Acq: 10 May 2024 18:52

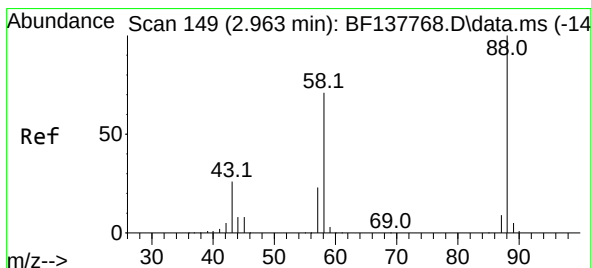
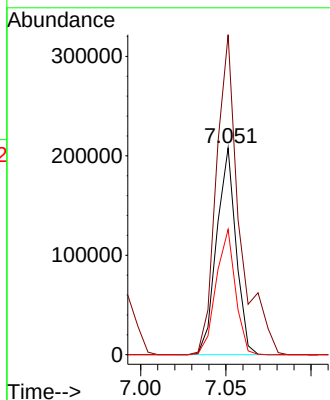
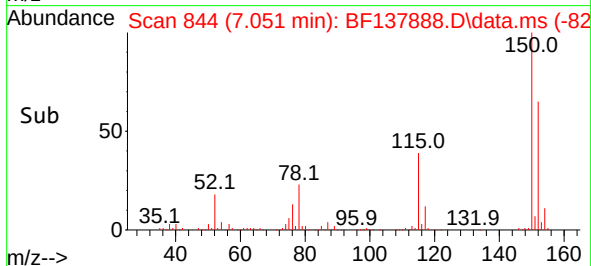
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD



Tgt Ion:152 Resp: 164415
Ion Ratio Lower Upper
152 100
150 154.6 124.1 186.1
115 60.5 49.1 73.7

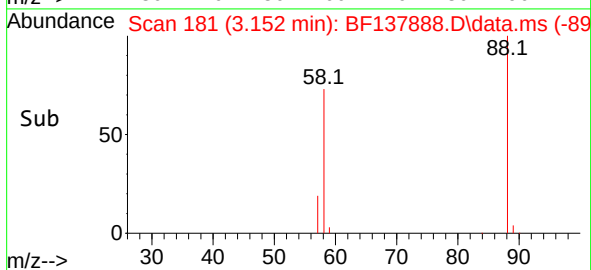
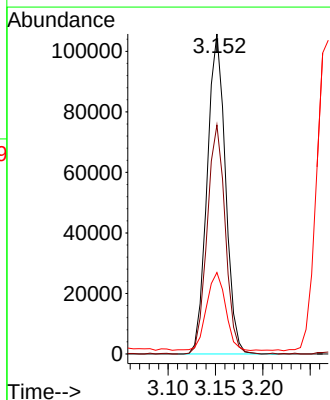
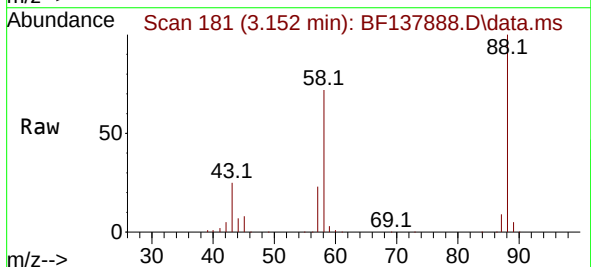
Manual Integrations
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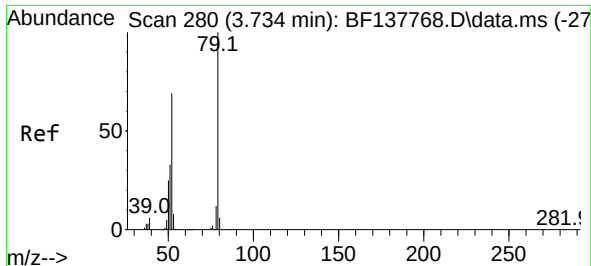
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#2
1,4-Dioxane
Concen: 32.025 ng
RT: 3.152 min Scan# 181
Delta R.T. 0.188 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

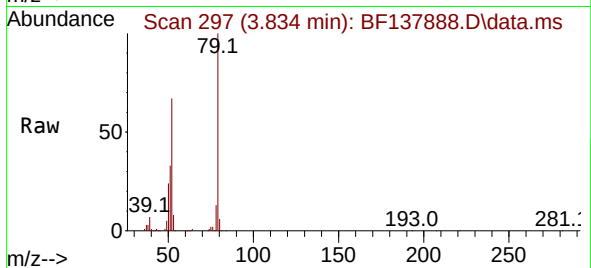
Tgt Ion: 88 Resp: 141618
Ion Ratio Lower Upper
88 100
58 70.9 58.8 88.2
43 0.0 21.4 32.0#





#3
Pyridine
Concen: 23.932 ng
RT: 3.834 min Scan# 24
Delta R.T. 0.100 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

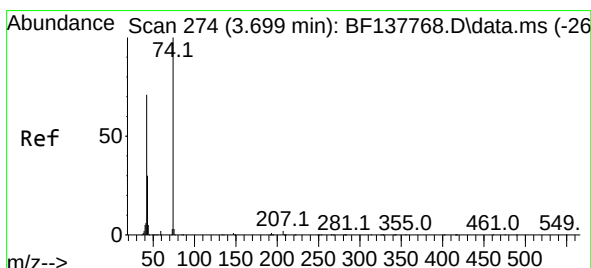
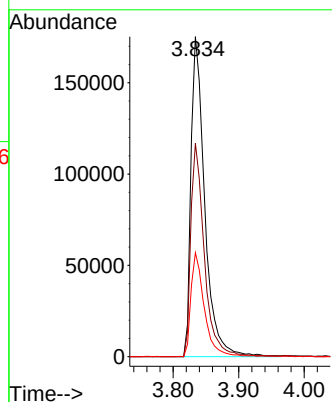
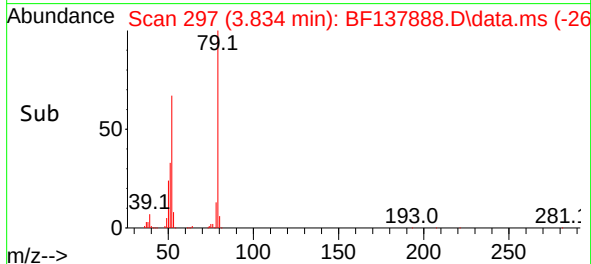
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD



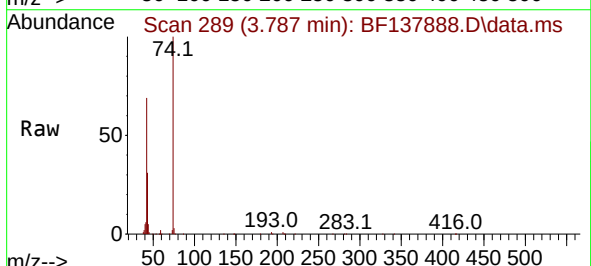
Tgt Ion: 79 Resp: 25612
Ion Ratio Lower Upper
79 100
52 66.7 55.5 83.3
51 32.5 26.9 40.3

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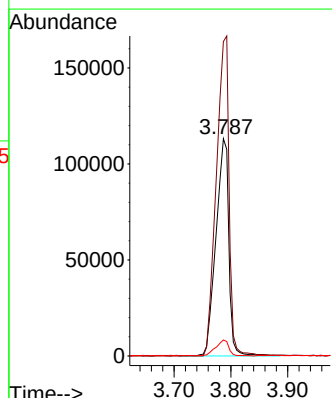
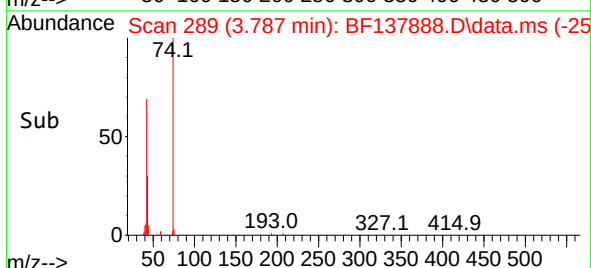
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Supervised By :mohammad ahmed 05/13/2024

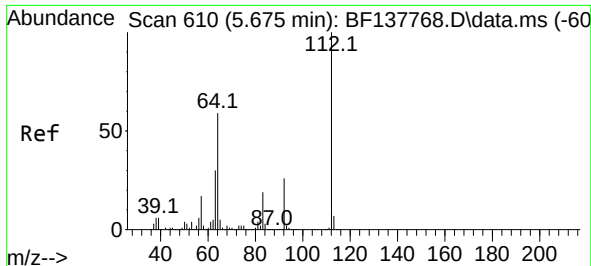


#4
n-Nitrosodimethylamine
Concen: 36.918 ng
RT: 3.787 min Scan# 289
Delta R.T. 0.088 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52



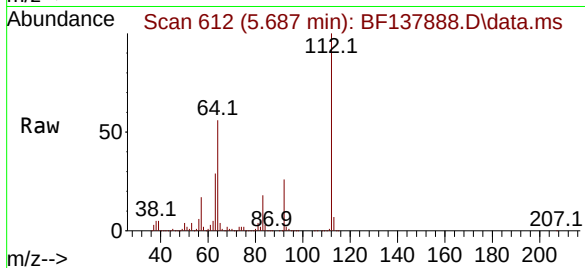
Tgt Ion: 42 Resp: 177918
Ion Ratio Lower Upper
42 100
74 144.8 112.9 169.3
44 7.4 5.6 8.4





#5
2-Fluorophenol
Concen: 111.438 ng
RT: 5.687 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

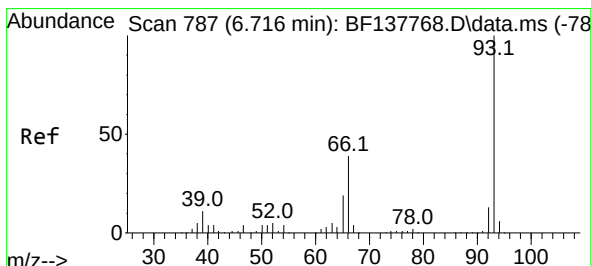
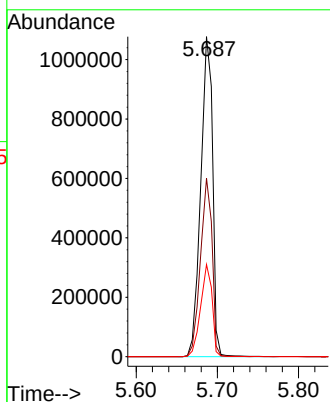
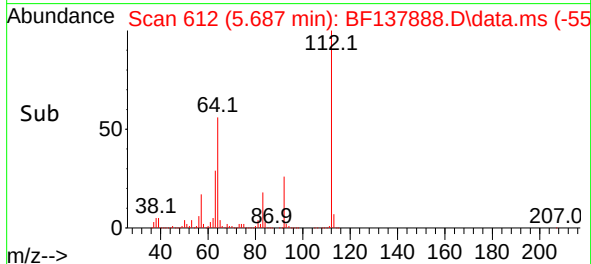
Instrument :
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Tgt Ion:112 Resp: 109432
Ion Ratio Lower Upper
112 100
64 55.7 47.3 70.9
63 28.8 23.7 35.5

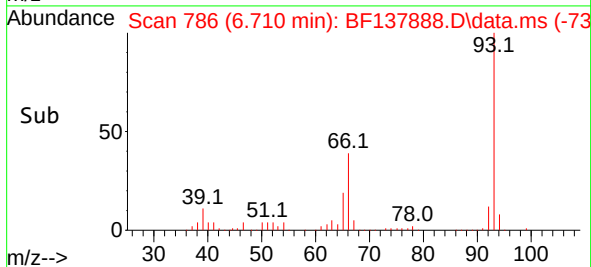
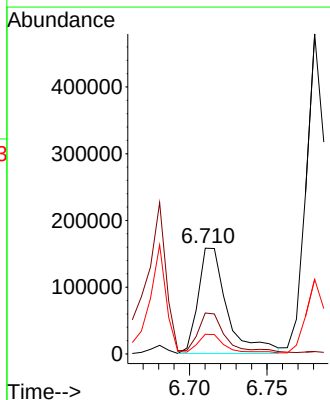
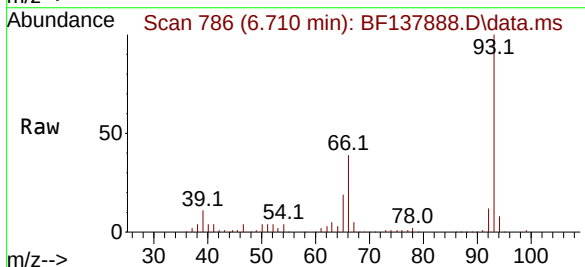
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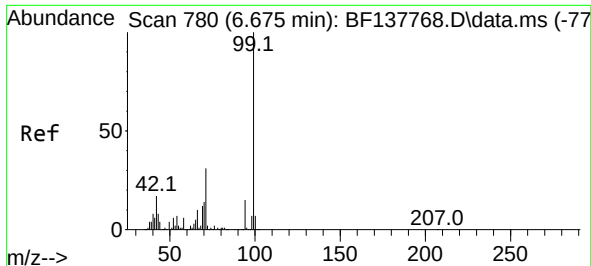
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#6
Aniline
Concen: 16.692 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF137888.D
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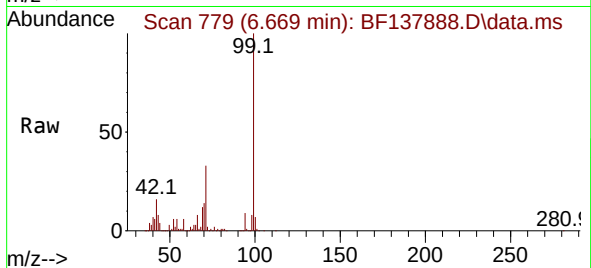
Tgt Ion: 93 Resp: 206074
Ion Ratio Lower Upper
93 100
66 38.7 31.8 47.6
65 18.6 15.4 23.2





#7
Phenol-d6
Concen: 103.122 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

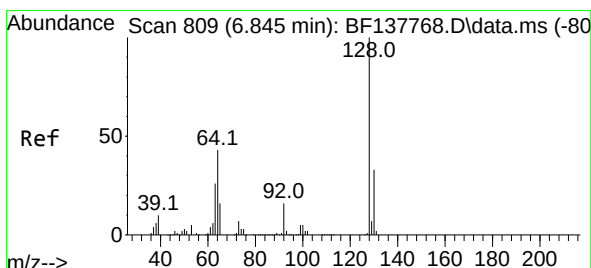
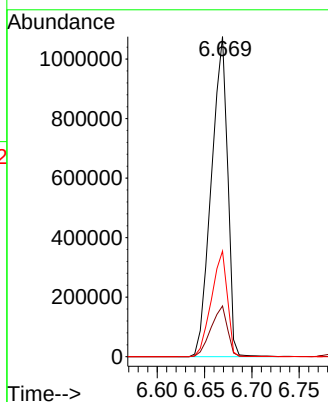
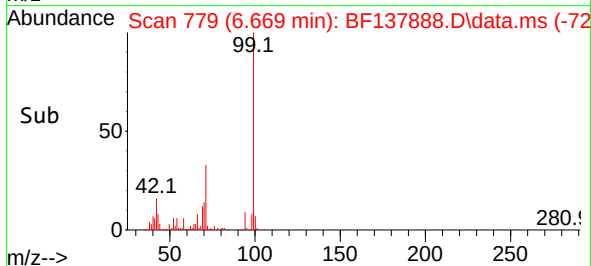
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD



Tgt Ion: 99 Resp: 128446
Ion Ratio Lower Upper
99 100
42 15.8 13.2 19.8
71 33.0 25.0 37.4

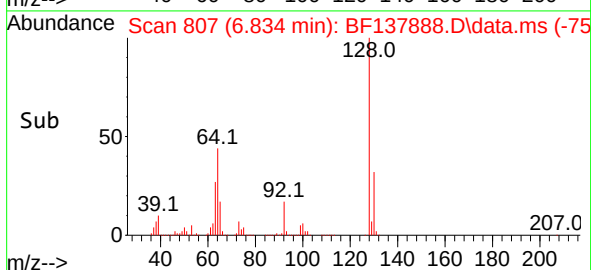
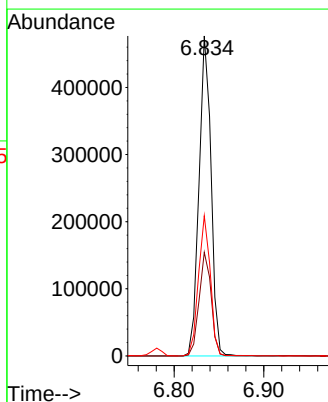
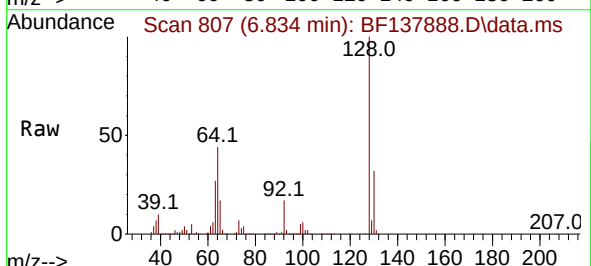
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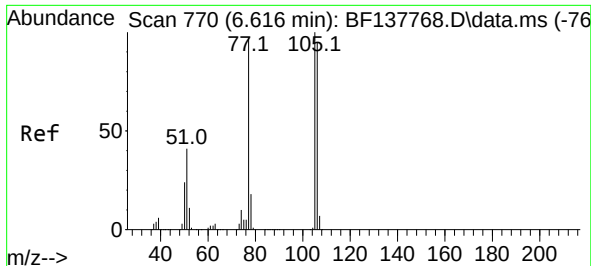
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#8
2-Chlorophenol
Concen: 41.447 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Tgt Ion:128 Resp: 443556
Ion Ratio Lower Upper
128 100
130 32.4 12.5 52.5
64 43.8 23.9 63.9





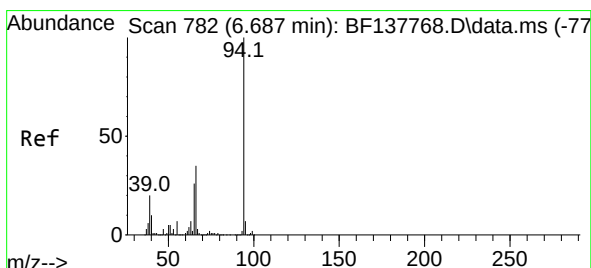
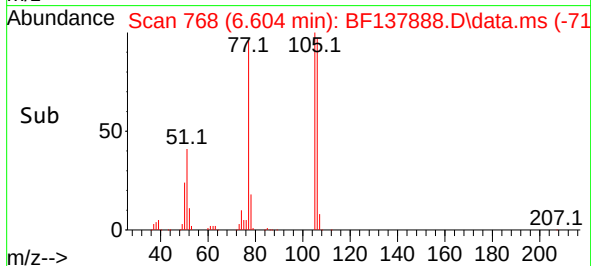
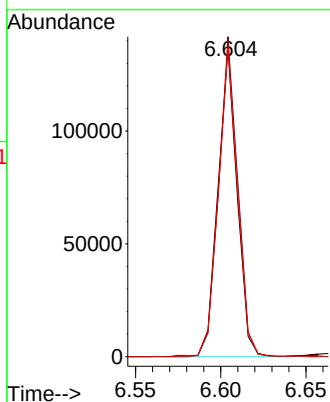
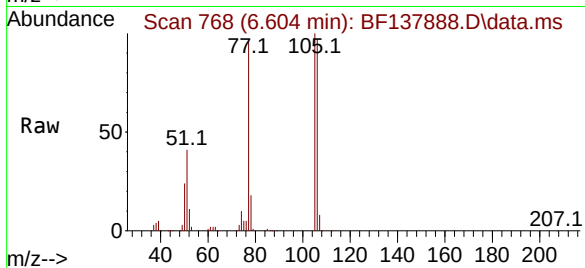
#9
Benzaldehyde
Concen: 15.887 ng
RT: 6.604 min Scan# 770
Delta R.T. -0.012 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD

Tgt Ion: 77 Resp: 106563
Ion Ratio Lower Upper
77 100
105 103.7 83.2 123.2
106 100.2 77.7 117.7

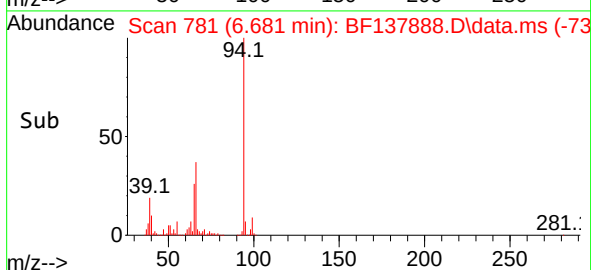
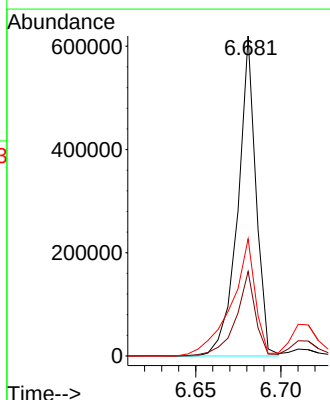
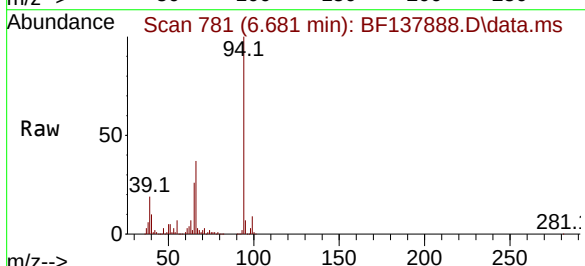
Manual Integrations
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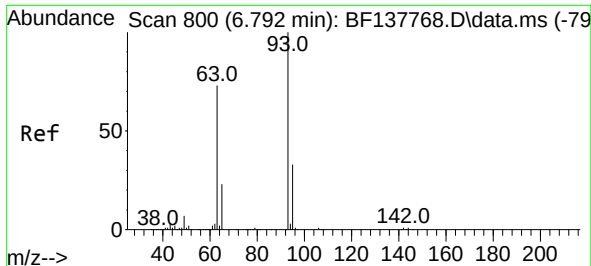
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#10
Phenol
Concen: 35.893 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

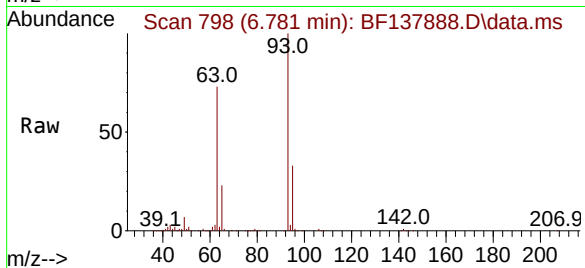
Tgt Ion: 94 Resp: 458096
Ion Ratio Lower Upper
94 100
65 26.4 6.4 46.4
66 36.6 15.4 55.4





#11
bis(2-Chloroethyl)ether
Concen: 39.598 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.012 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

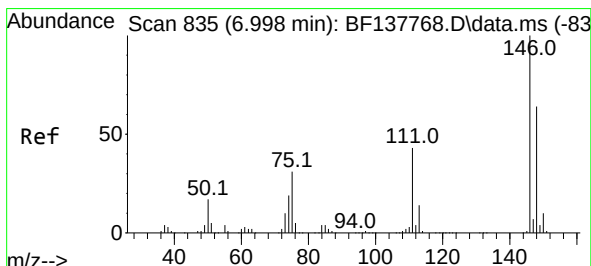
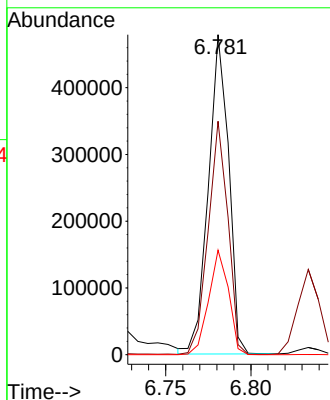
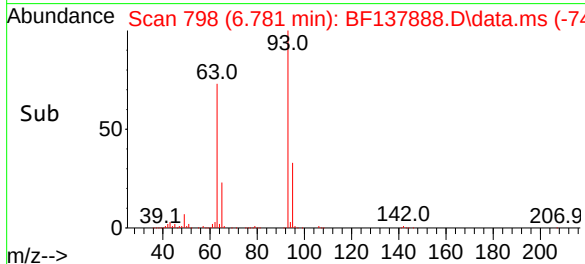
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD



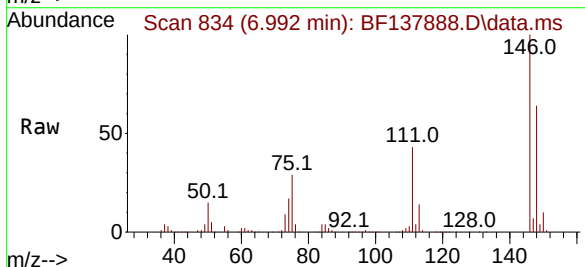
Tgt Ion: 93 Resp: 395720
Ion Ratio Lower Upper
93 100
63 72.9 51.6 91.6
95 32.7 12.1 52.1

Manual Integrations
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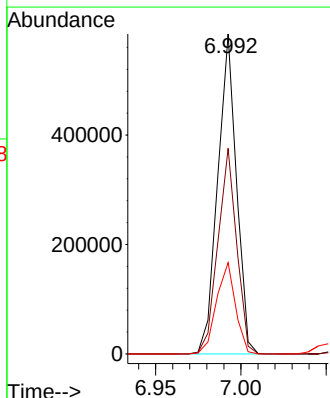
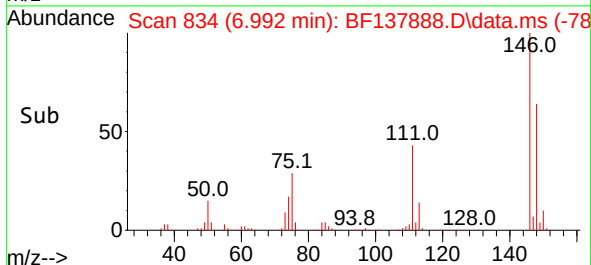
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

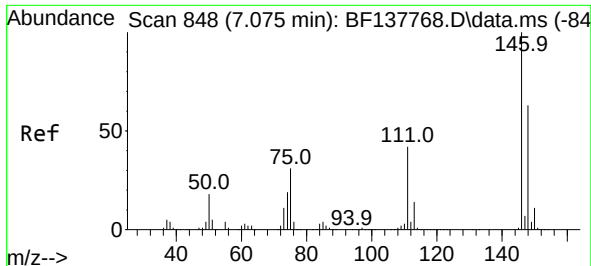


#12
1,3-Dichlorobenzene
Concen: 37.151 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52



Tgt Ion:146 Resp: 448341
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
75 28.6 25.1 37.7





#13

1,4-Dichlorobenzene

Concen: 37.748 ng

RT: 7.069 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF137888.D

Acq: 10 May 2024 18:52

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMSD

Tgt Ion:146 Resp: 457099

Ion Ratio Lower Upper

146 100

148 65.2 50.7 76.1

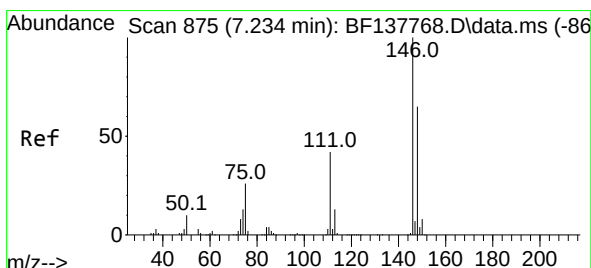
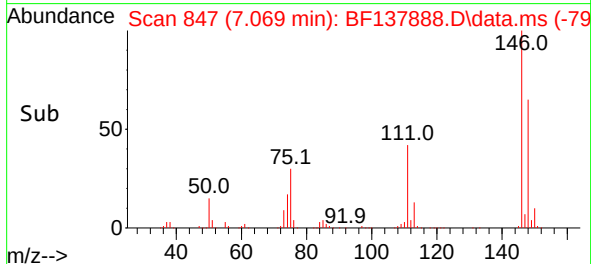
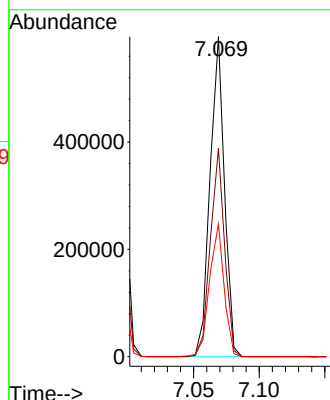
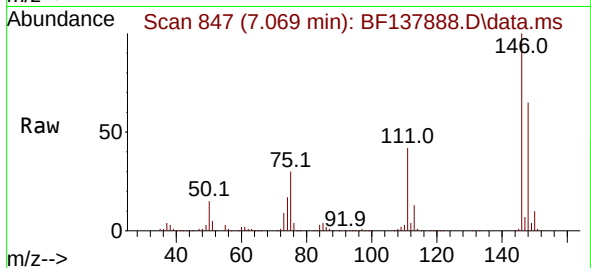
111 41.5 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#14

1,2-Dichlorobenzene

Concen: 39.099 ng

RT: 7.222 min Scan# 873

Delta R.T. -0.012 min

Lab File: BF137888.D

Acq: 10 May 2024 18:52

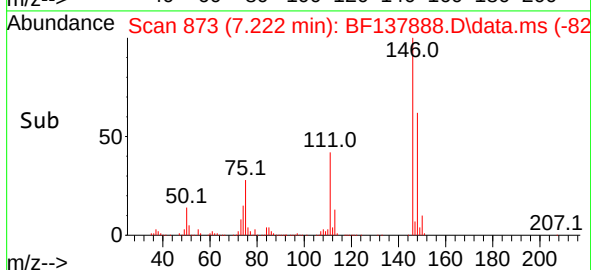
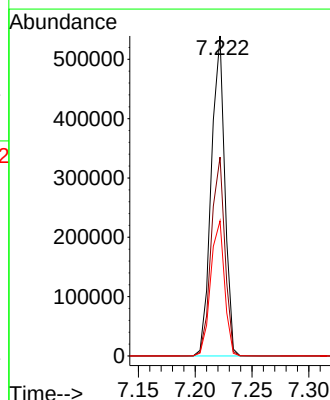
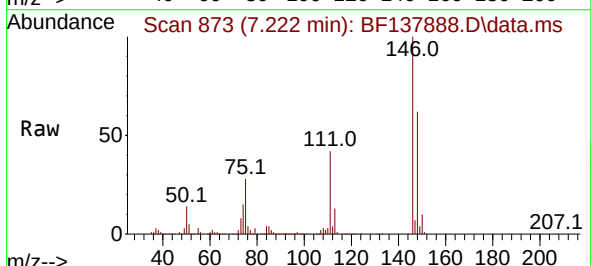
Tgt Ion:146 Resp: 445928

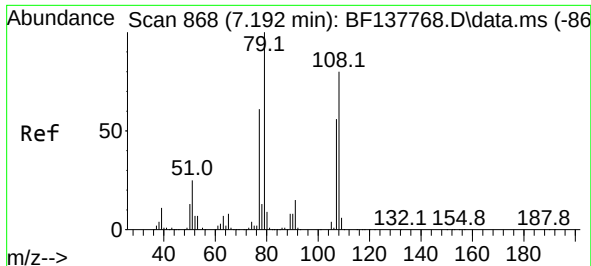
Ion Ratio Lower Upper

146 100

148 62.2 51.8 77.8

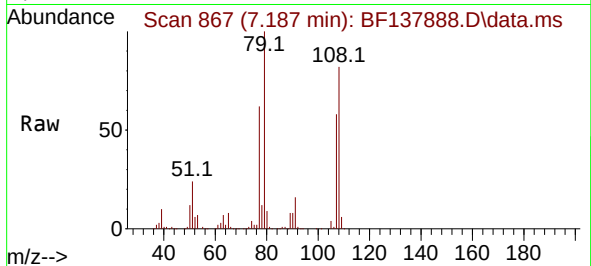
111 42.2 33.6 50.4





#15
Benzyl Alcohol
Concen: 41.626 ng
RT: 7.187 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

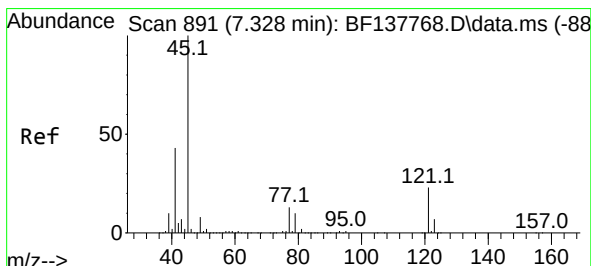
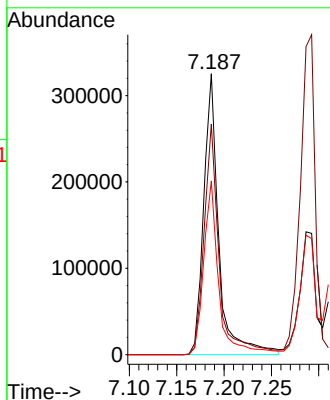
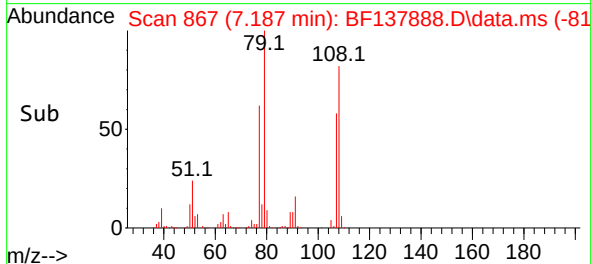
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD



Tgt Ion: 79 Resp: 358558
Ion Ratio Lower Upper
79 100
108 82.1 64.2 96.2
77 61.9 48.5 72.7

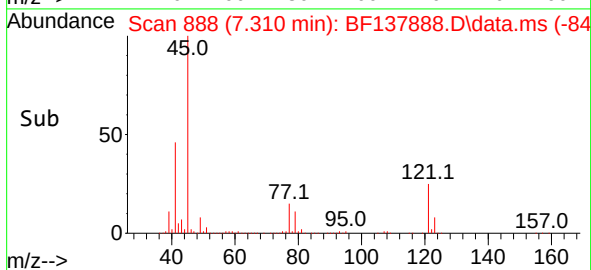
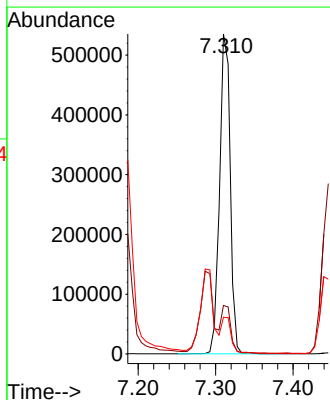
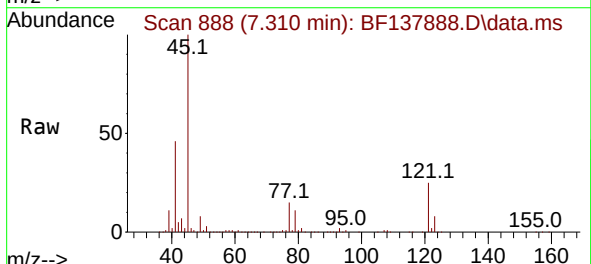
Manual Integrations
APPROVED

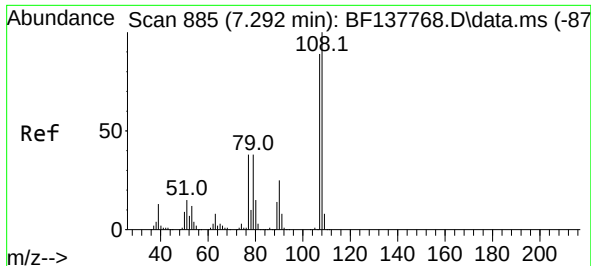
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.309 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

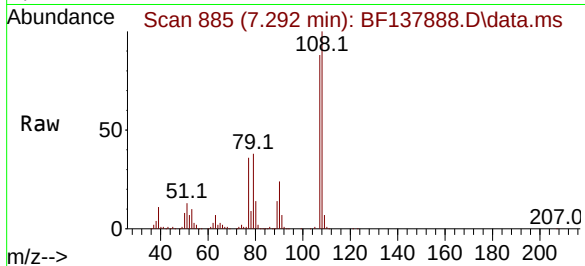
Tgt Ion: 45 Resp: 510029
Ion Ratio Lower Upper
45 100
77 15.2 0.0 33.8
79 11.5 0.0 31.0





#17
2-Methylphenol
Concen: 41.833 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

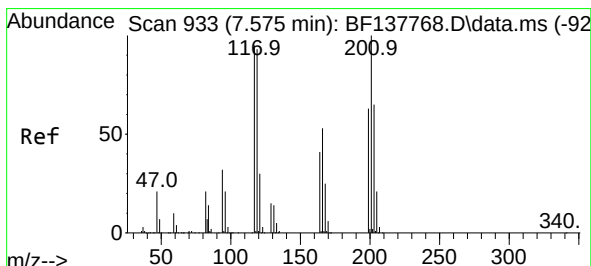
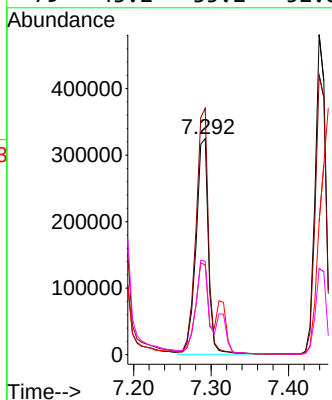
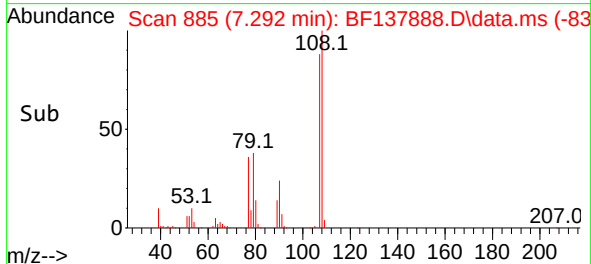
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD



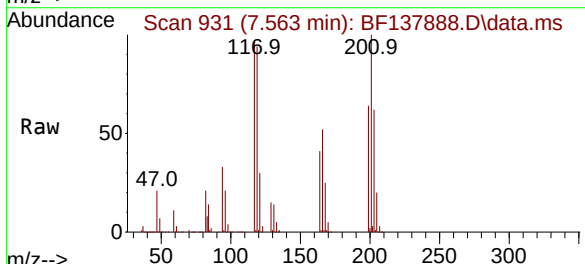
Tgt Ion:	107	Resp:	361230
Ion	Ratio	Lower	Upper
107	100		
108	114.0	90.5	135.7
77	41.4	34.5	51.7
79	43.2	35.2	52.8

Manual Integrations
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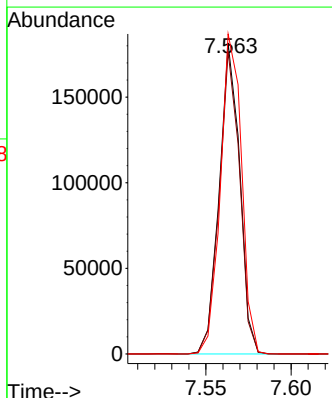
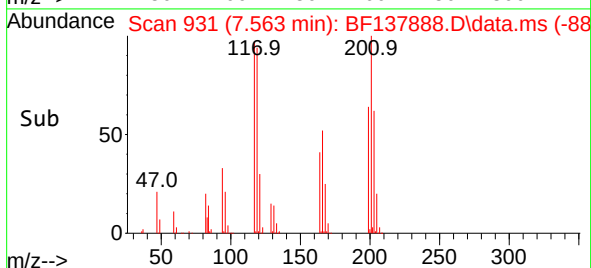
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

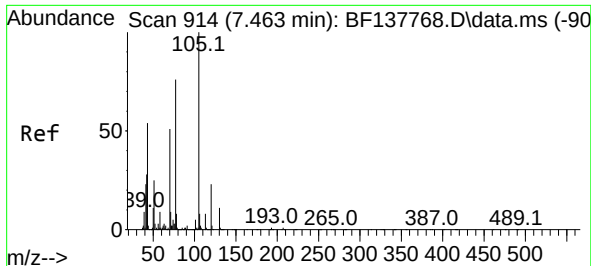


#18
Hexachloroethane
Concen: 37.109 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.012 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52



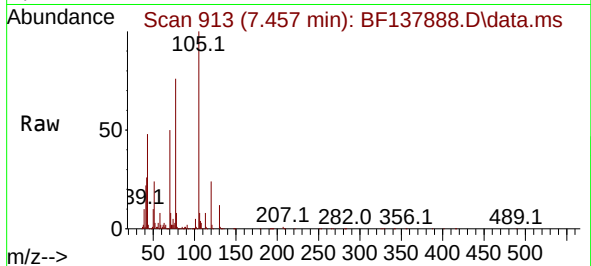
Tgt Ion:	117	Resp:	151909
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.6	116.4
201	102.9	83.8	125.8





#19
n-Nitroso-di-n-propylamine
Concen: 40.138 ng
RT: 7.457 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

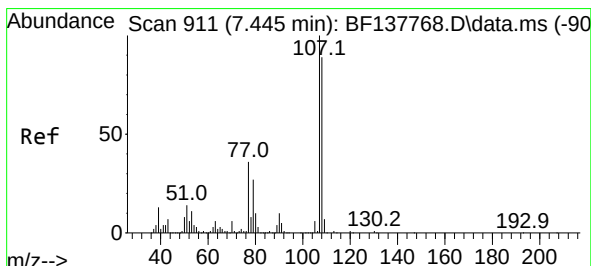
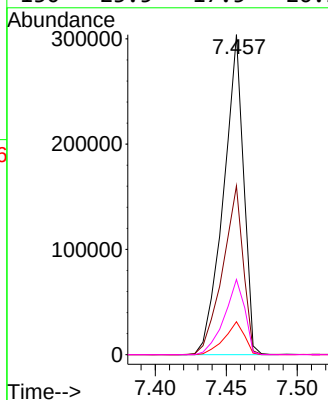
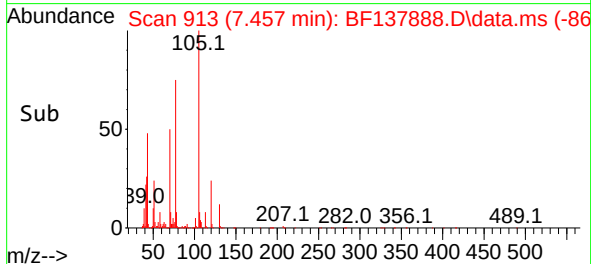
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD



Tgt Ion: 70 Resp: 298779
Ion Ratio Lower Upper
70 100
42 52.7 44.6 66.8
101 10.3 7.8 11.6
130 23.5 17.5 26.3

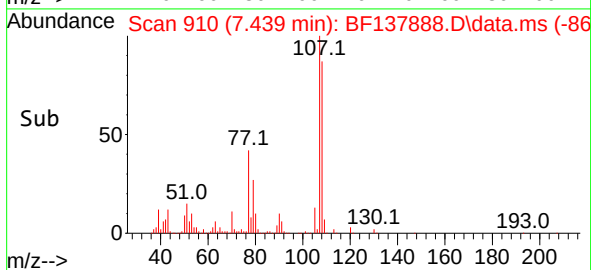
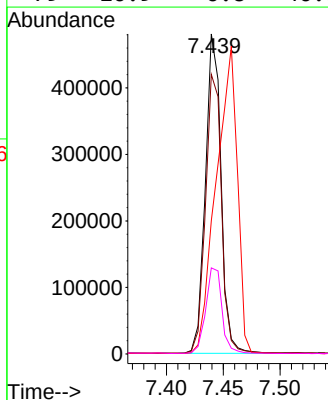
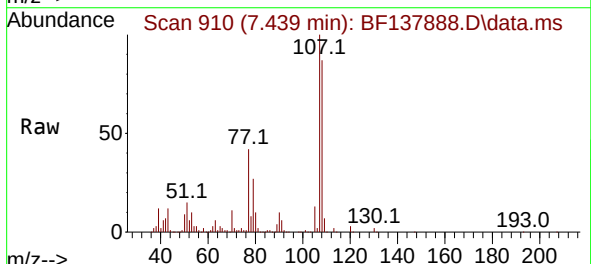
Manual Integrations
APPROVED

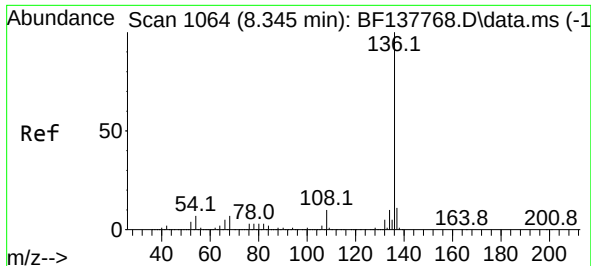
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#20
3+4-Methylphenols
Concen: 40.378 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Tgt Ion:107 Resp: 458730
Ion Ratio Lower Upper
107 100
108 87.4 69.3 109.3
77 41.7 15.7 55.7
79 26.9 6.8 46.8





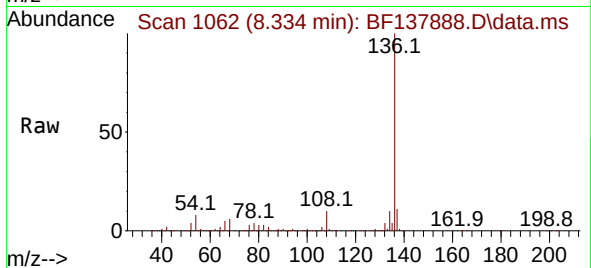
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMSD



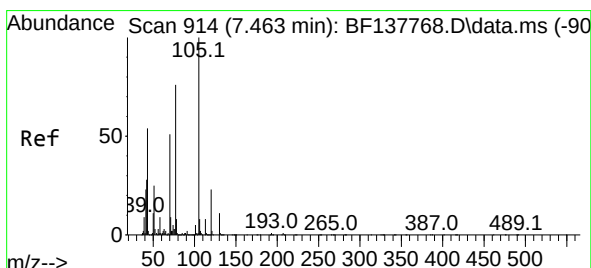
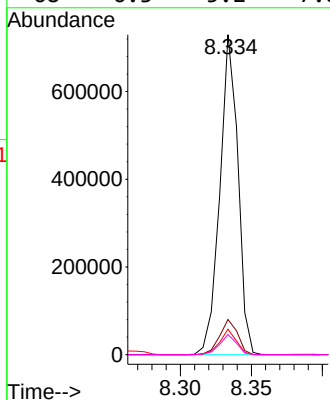
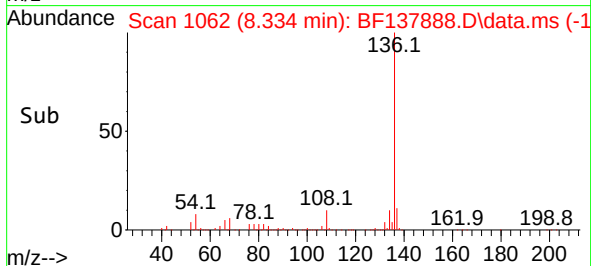
Tgt Ion:136 Resp: 64618
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.9 5.8 8.8
68 6.3 5.2 7.8

Manual Integrations

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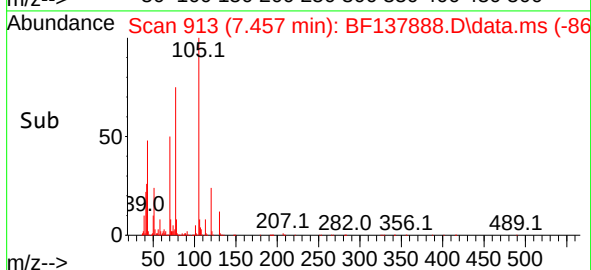
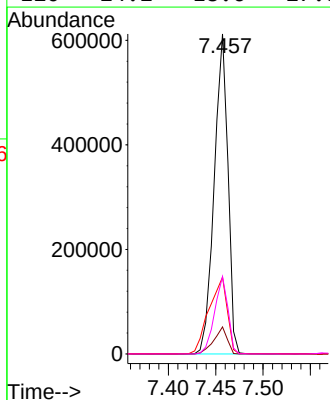
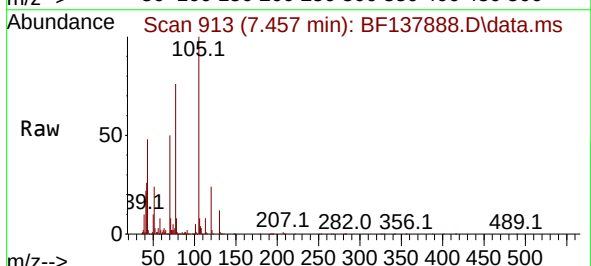
Reviewed By :Yogesh Patel 05/13/2024

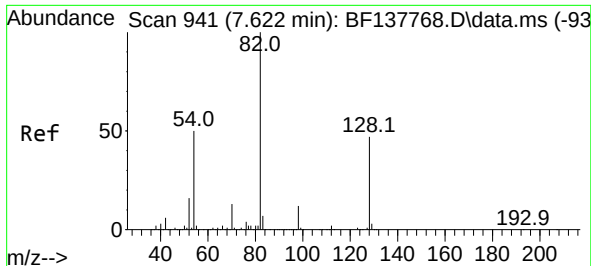
Supervised By :mohammad ahmed 05/13/2024



#22
Acetophenone
Concen: 42.510 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Tgt Ion:105 Resp: 617787
Ion Ratio Lower Upper
105 100
71 8.4 6.9 10.3
51 24.0 20.2 30.2
120 24.2 18.6 27.8





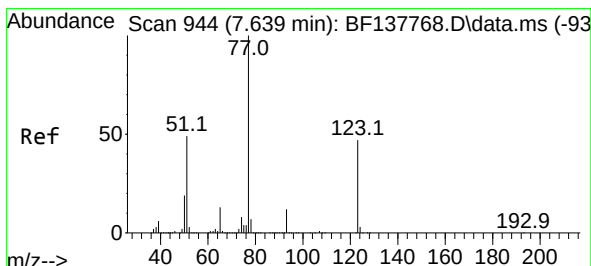
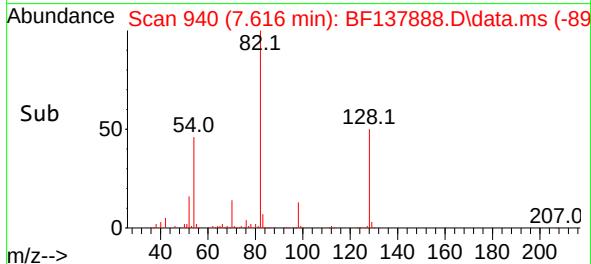
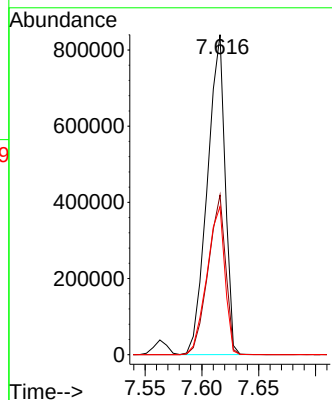
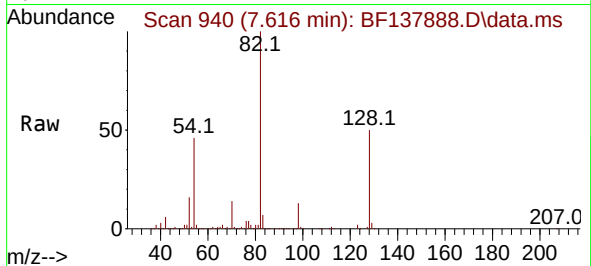
#23
Nitrobenzene-d5
Concen: 81.985 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD

Tgt Ion: 82 Resp: 911858
Ion Ratio Lower Upper
82 100
128 49.9 37.5 56.3
54 46.3 39.8 59.6

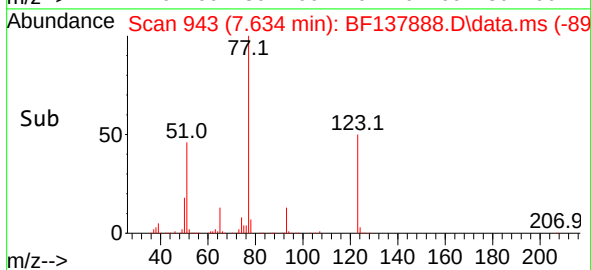
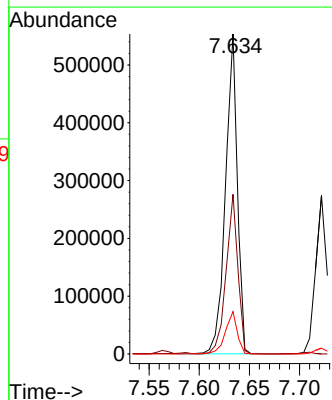
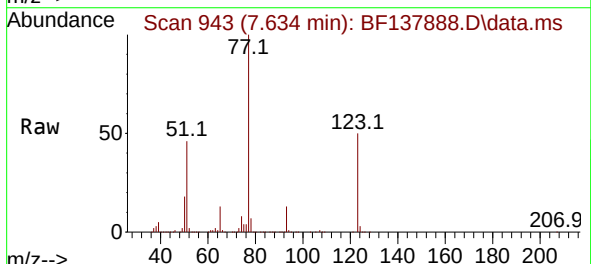
Manual Integrations
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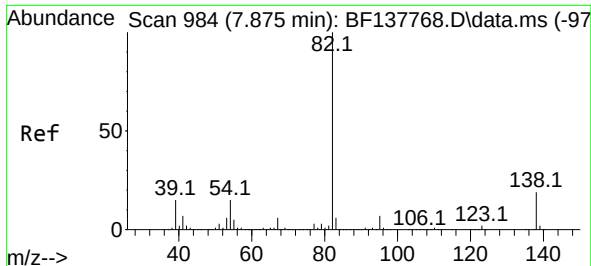
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#24
Nitrobenzene
Concen: 39.590 ng
RT: 7.634 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Tgt Ion: 77 Resp: 453831
Ion Ratio Lower Upper
77 100
123 49.9 37.4 56.2
65 13.3 10.7 16.1





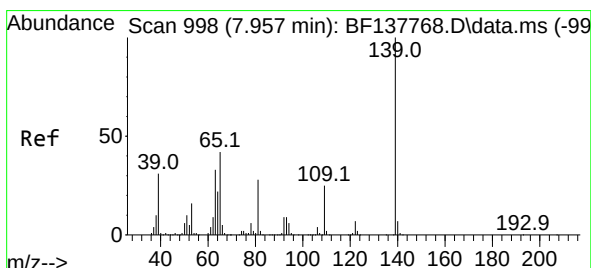
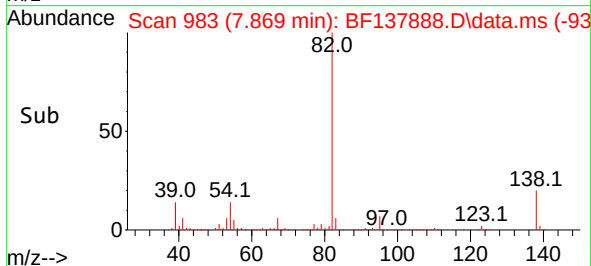
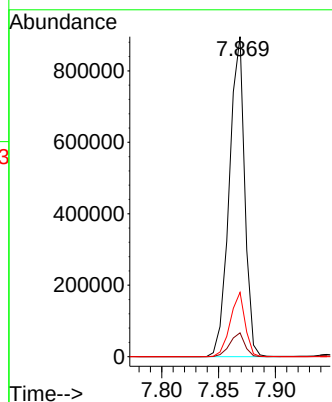
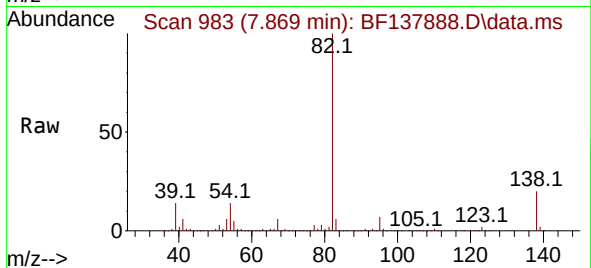
#25
Isophorone
Concen: 42.192 ng
RT: 7.869 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD

Tgt Ion: 82 Resp: 846094
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 20.1 15.0 22.6

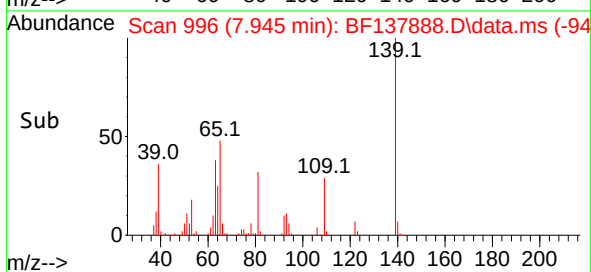
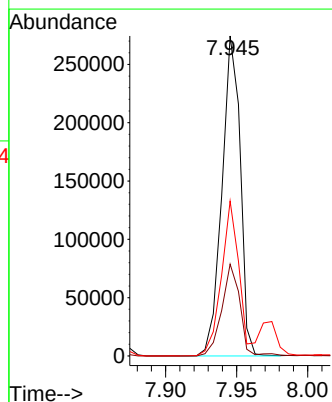
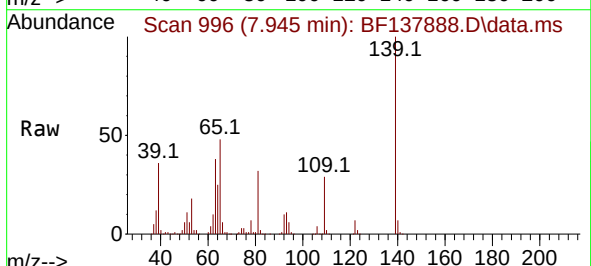
Manual Integrations
APPROVED

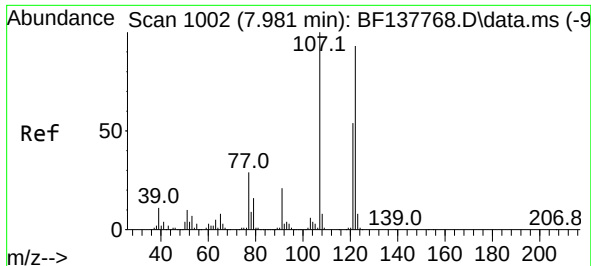
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#26
2-Nitrophenol
Concen: 47.335 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.012 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Tgt Ion:139 Resp: 245714
Ion Ratio Lower Upper
139 100
109 28.7 20.2 30.2
65 48.4 33.4 50.0





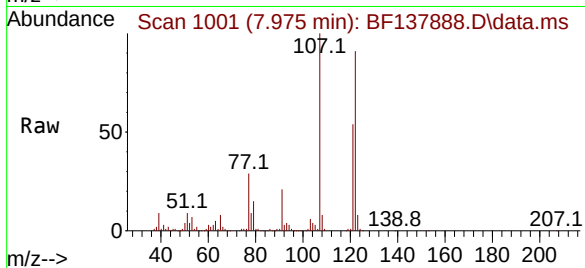
#27
2,4-Dimethylphenol
Concen: 44.969 ng
RT: 7.975 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMSD



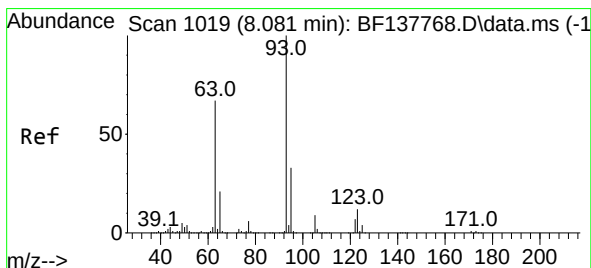
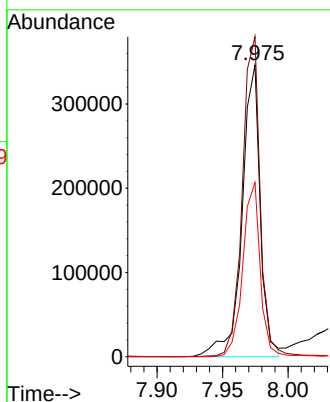
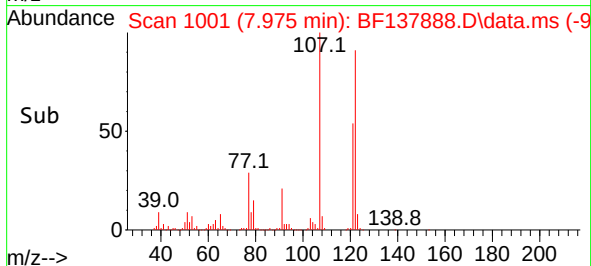
Tgt Ion:122 Resp: 336060
Ion Ratio Lower Upper
122 100
107 109.7 85.8 128.8
121 59.7 46.6 69.8

Manual Integrations

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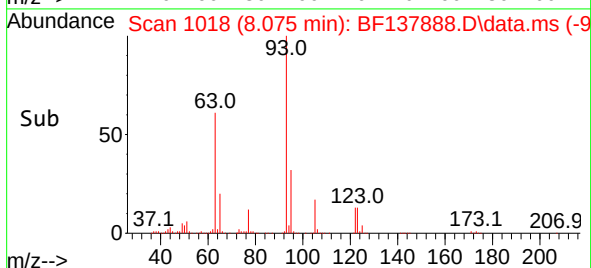
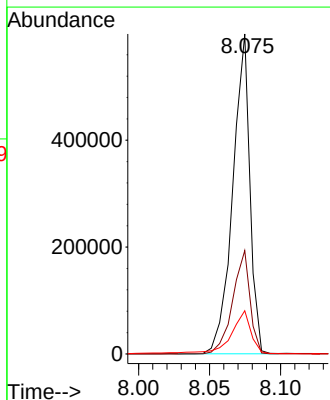
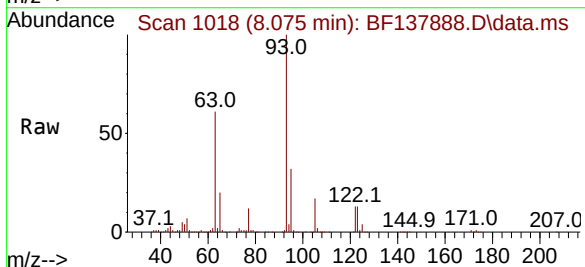
Reviewed By :Yogesh Patel 05/13/2024

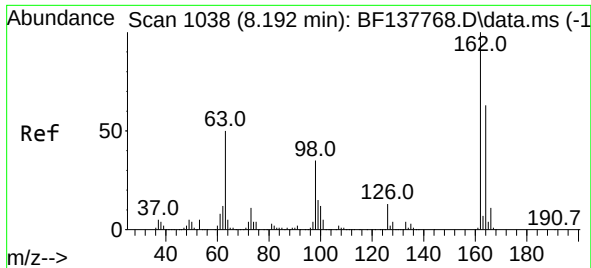
Supervised By :mohammad ahmed 05/13/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.324 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Tgt Ion: 93 Resp: 501744
Ion Ratio Lower Upper
93 100
95 32.3 26.1 39.1
123 13.5 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 43.889 ng

RT: 8.186 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF137888.D

Acq: 10 May 2024 18:52

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMSD

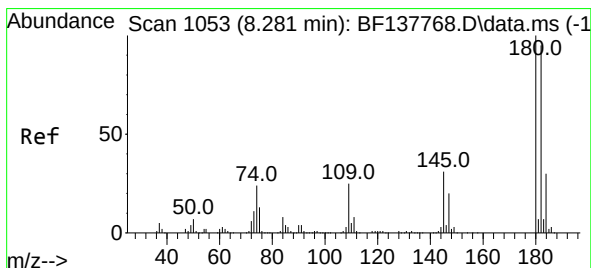
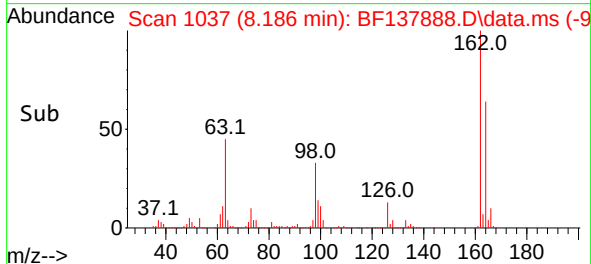
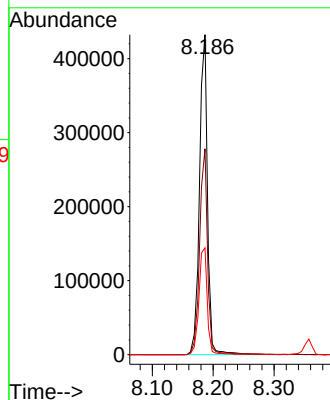
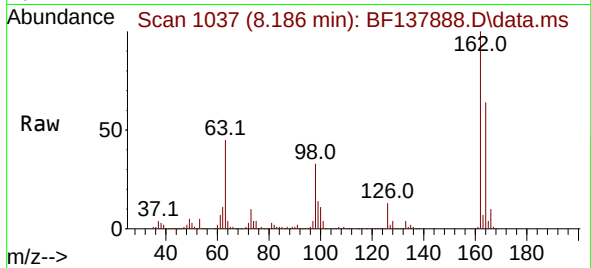
Tgt Ion:162 Resp: 396450
 Ion Ratio Lower Upper
 162 100
 164 64.4 43.5 83.5
 98 33.4 15.1 55.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#30

1,2,4-Trichlorobenzene

Concen: 40.777 ng

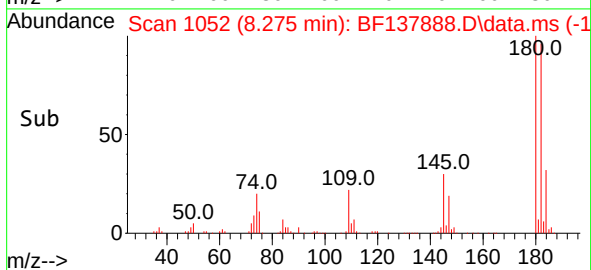
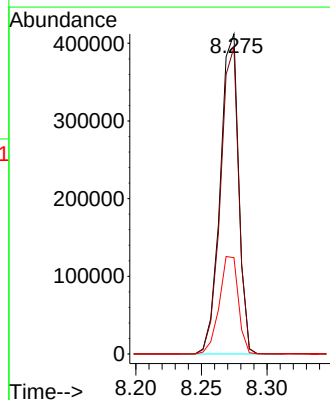
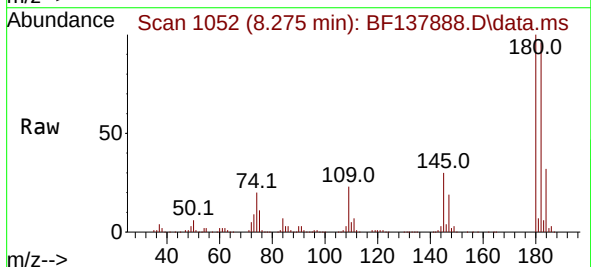
RT: 8.275 min Scan# 1052

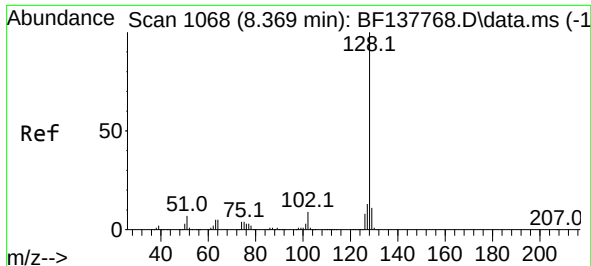
Delta R.T. -0.006 min

Lab File: BF137888.D

Acq: 10 May 2024 18:52

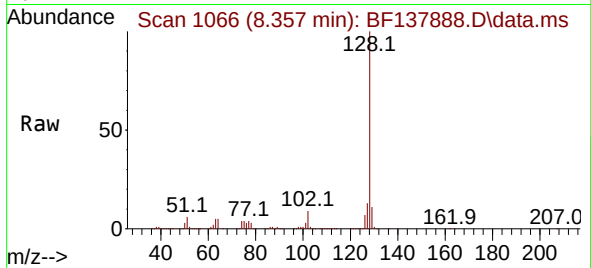
Tgt Ion:180 Resp: 401544
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.2 114.2
 145 30.1 25.1 37.7





#31
Naphthalene
Concen: 41.075 ng
RT: 8.357 min Scan# 1066
Delta R.T. -0.012 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

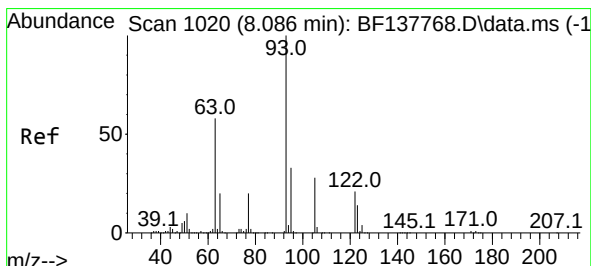
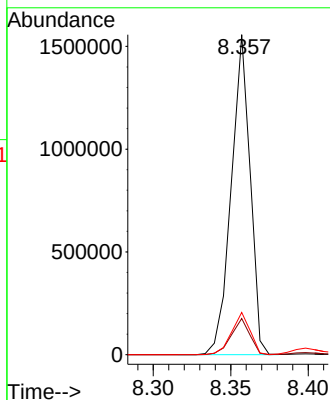
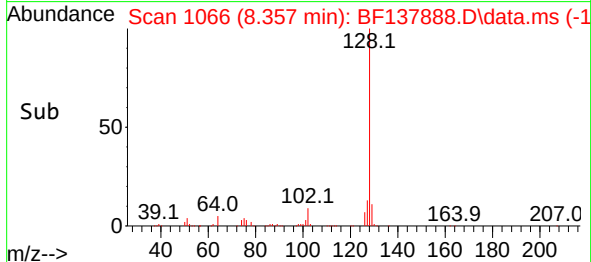
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD



Tgt Ion:128 Resp: 1319030
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.2 10.6 16.0

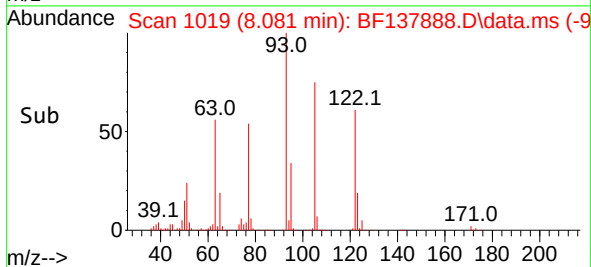
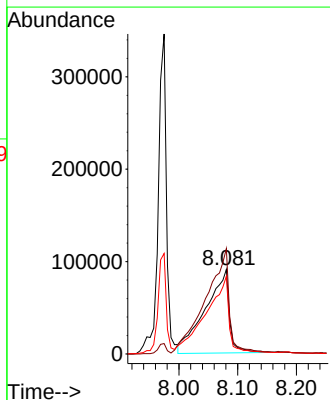
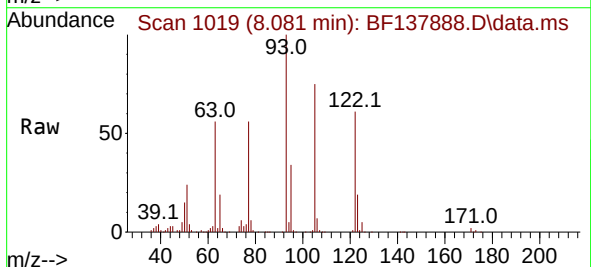
Manual Integrations
APPROVED

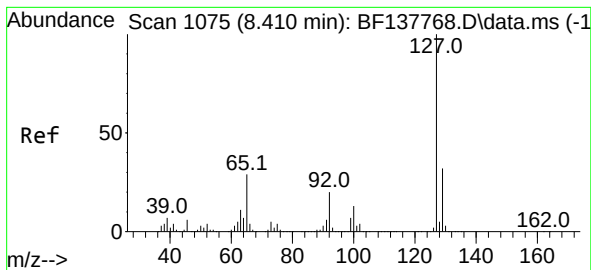
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#32
Benzoic acid
Concen: 39.949 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.005 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Tgt Ion:122 Resp: 257557
Ion Ratio Lower Upper
122 100
105 124.7 105.3 145.3
77 91.8 73.2 113.2





#33
4-Chloroaniline
Concen: 3.988 ng
RT: 8.398 min Scan# 1073
Delta R.T. -0.012 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Instrument :

BNA_F

ClientSampleId :

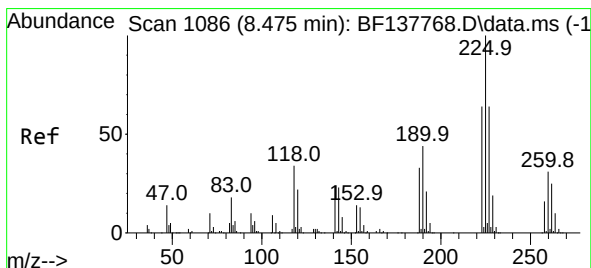
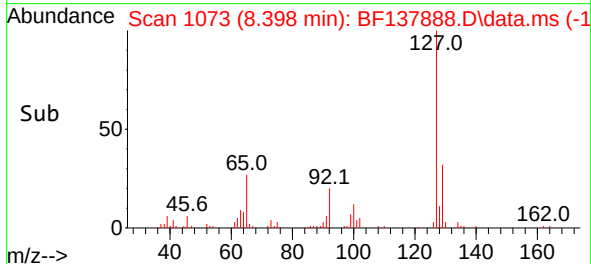
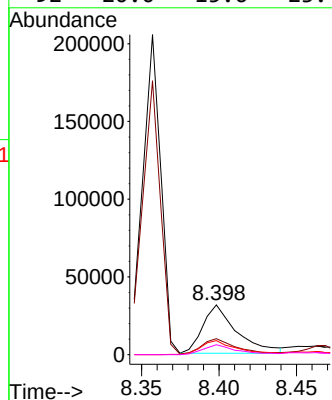
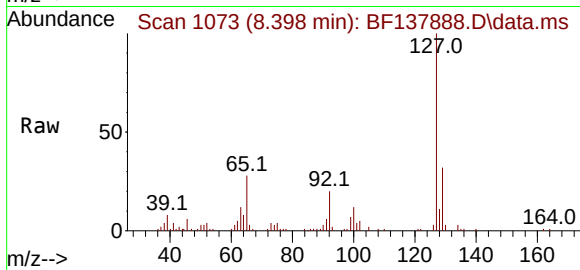
WCS-TP-DMSD

Tgt Ion:	127	Resp:	4749
Ion Ratio	Lower	Upper	
127	100		
129	32.1	25.7	38.5
65	28.4	23.4	35.2
92	20.0	15.6	23.4

Manual Integrations

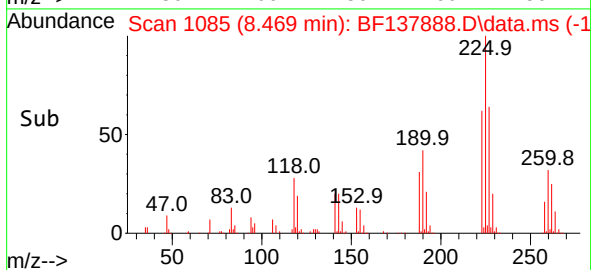
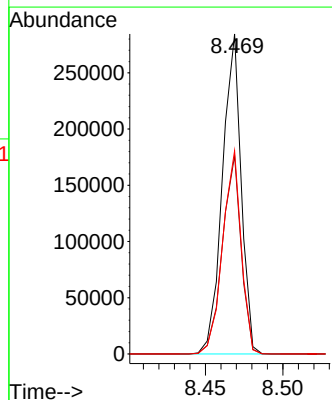
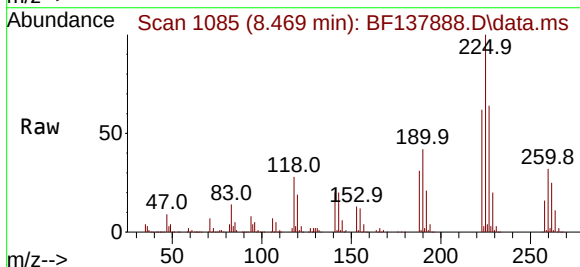
APPROVED

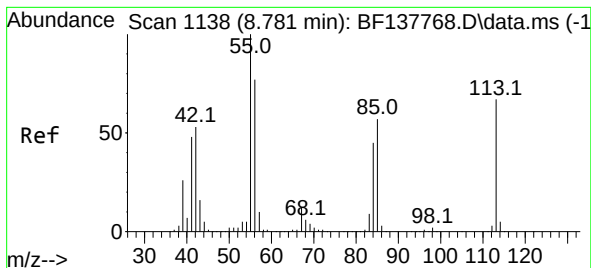
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#34
Hexachlorobutadiene
Concen: 39.521 ng
RT: 8.469 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Tgt Ion:	225	Resp:	238934
Ion Ratio	Lower	Upper	
225	100		
223	62.0	51.1	76.7
227	63.5	51.4	77.0





#35

Caprolactam

Concen: 39.783 ng m

RT: 8.769 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF137888.D

Acq: 10 May 2024 18:52

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMSD

Tgt Ion:113 Resp: 11386

Ion Ratio Lower Upper

113 100

55 140.7 128.7 168.7

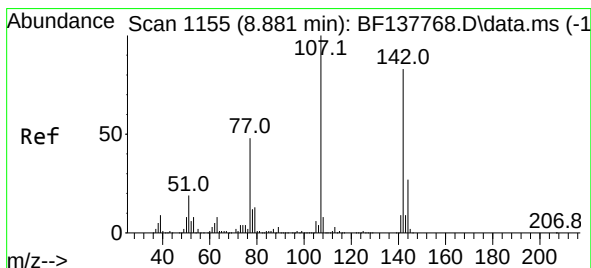
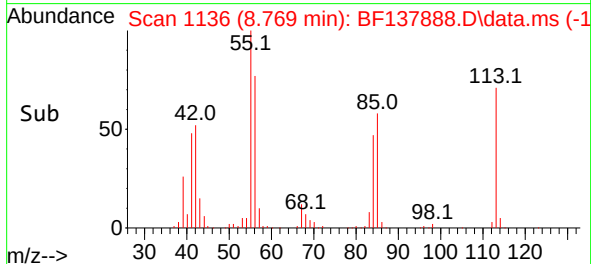
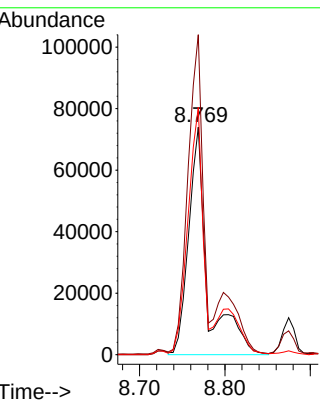
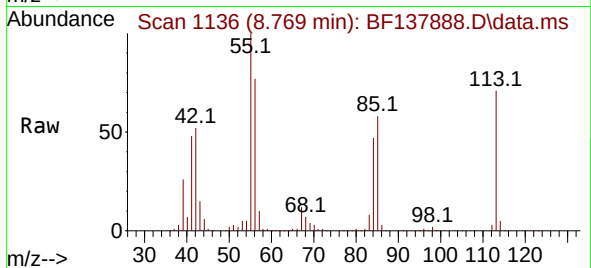
56 108.7 93.9 133.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#36

4-Chloro-3-methylphenol

Concen: 45.096 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF137888.D

Acq: 10 May 2024 18:52

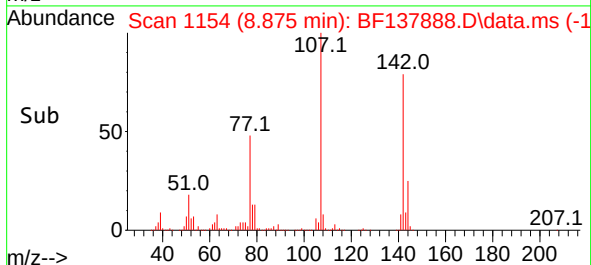
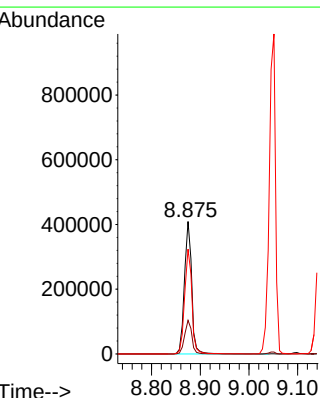
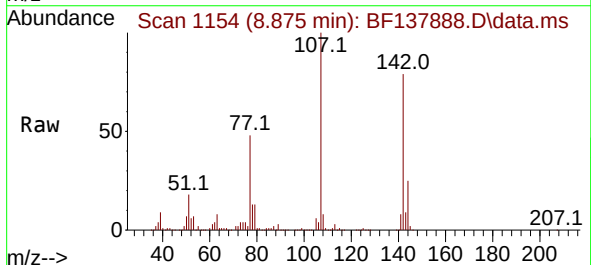
Tgt Ion:107 Resp: 424799

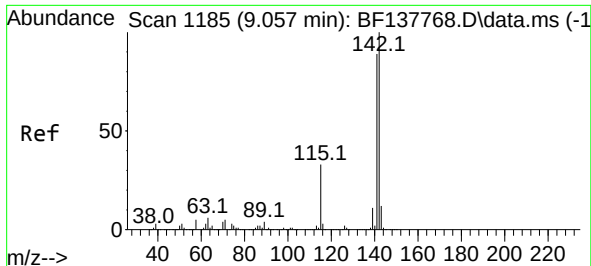
Ion Ratio Lower Upper

107 100

144 25.3 21.4 32.0

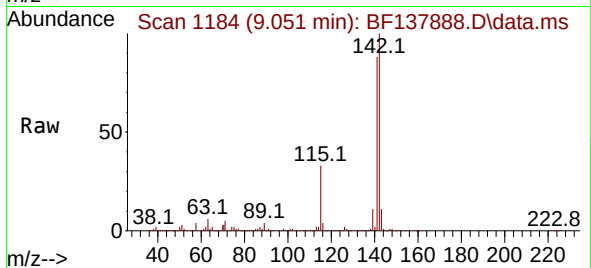
142 79.1 66.2 99.2





#37
2-Methylnaphthalene
Concen: 42.890 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

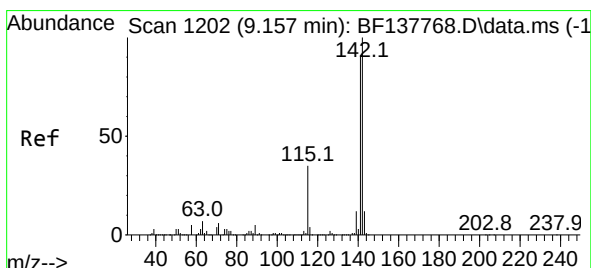
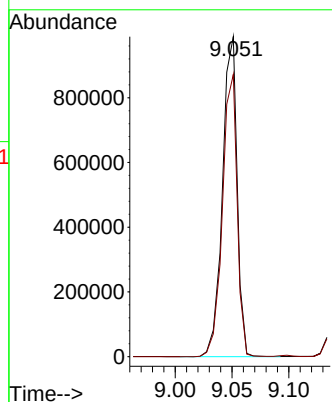
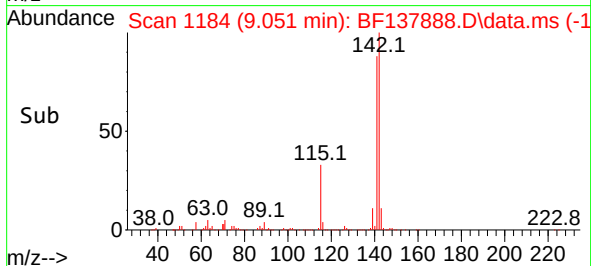
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD



Tgt Ion:142 Resp: 89154
Ion Ratio Lower Upper
142 100
141 88.2 70.8 106.2

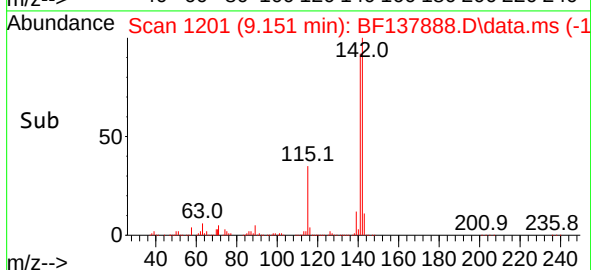
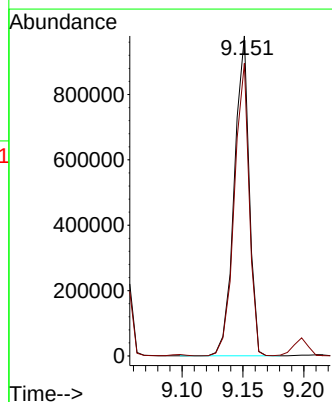
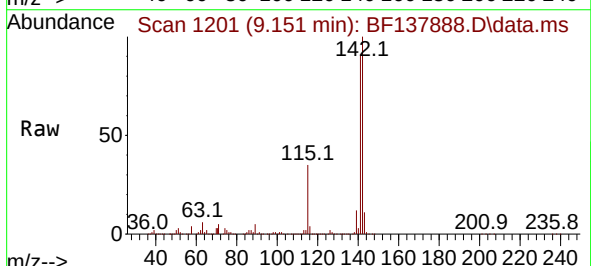
Manual Integrations
APPROVED

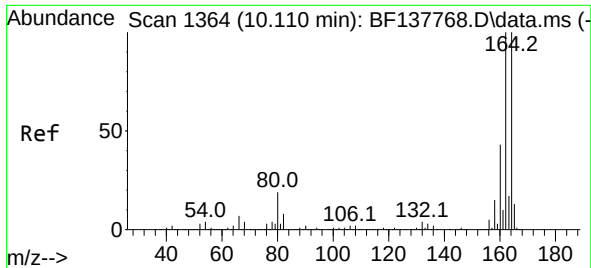
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#38
1-Methylnaphthalene
Concen: 40.676 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

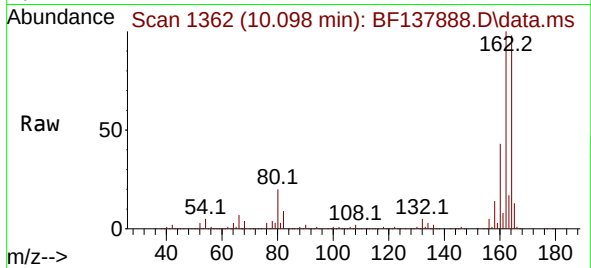
Tgt Ion:142 Resp: 831841
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

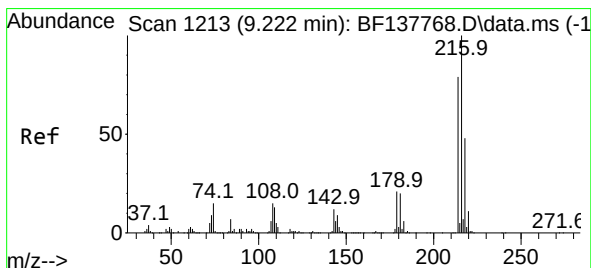
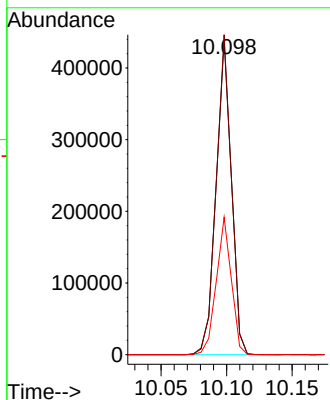
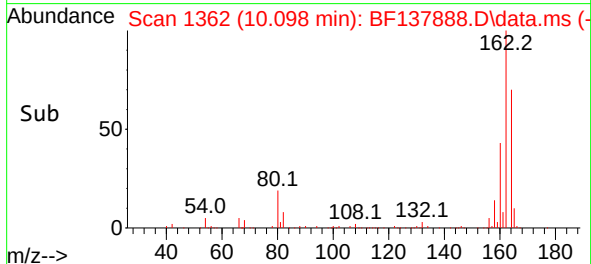
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD



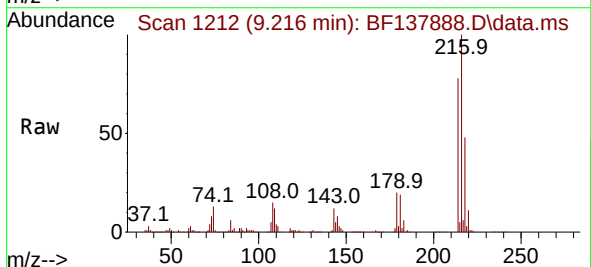
Tgt Ion:164 Resp: 35610
Ion Ratio Lower Upper
164 100
162 101.7 79.8 119.6
160 43.7 34.4 51.6

Manual Integrations
APPROVED

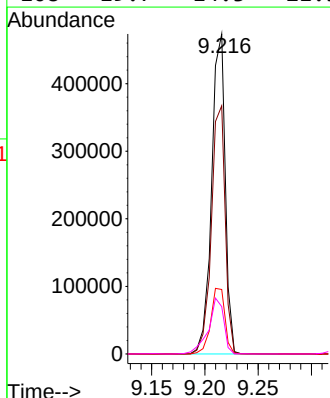
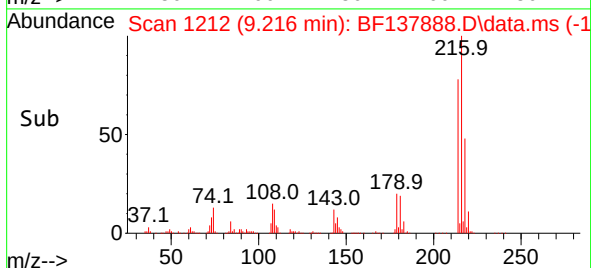
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

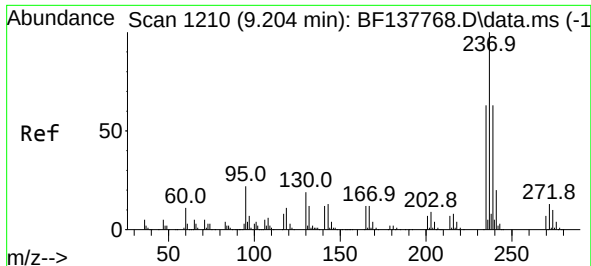


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.470 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52



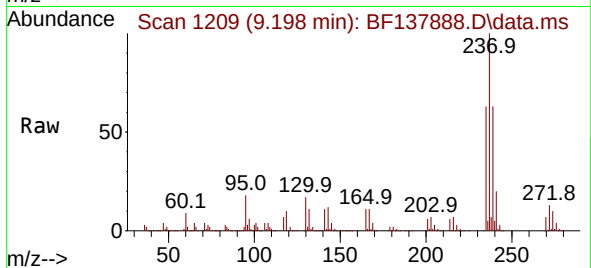
Tgt Ion:216 Resp: 419428
Ion Ratio Lower Upper
216 100
214 78.8 63.3 94.9
179 21.3 16.8 25.2
108 19.7 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 108.117 ng
RT: 9.198 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

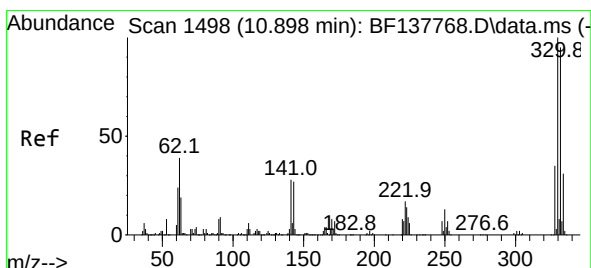
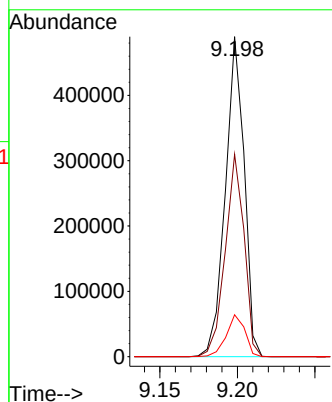
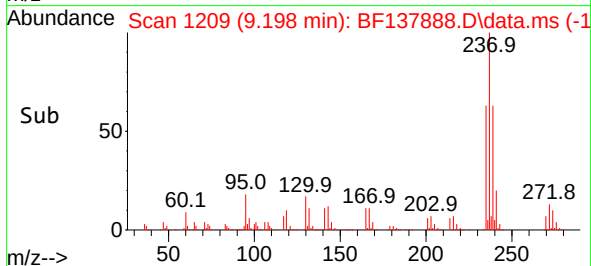
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD



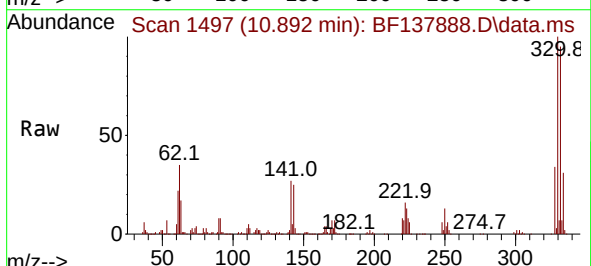
Tgt Ion:237 Resp: 41418
Ion Ratio Lower Upper
237 100
235 63.2 43.0 83.0
272 13.1 0.0 32.8

Manual Integrations
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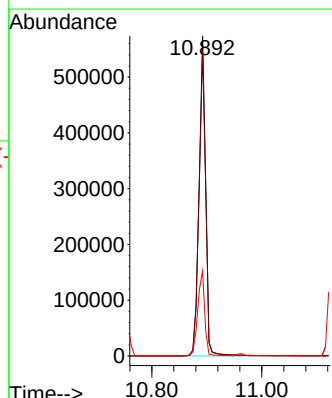
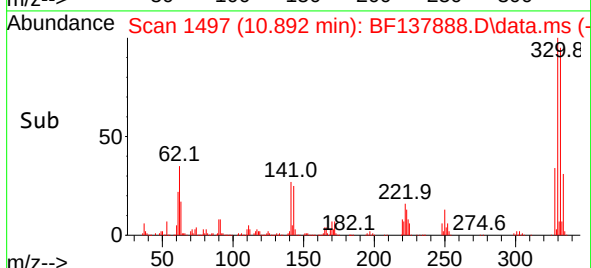
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

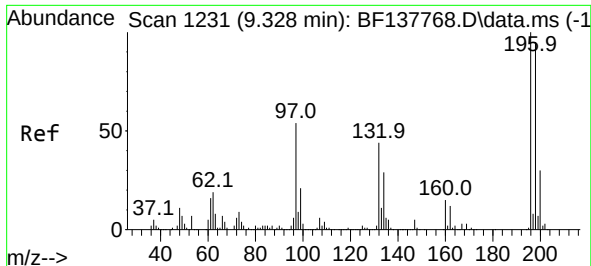


#42
2,4,6-Tribromophenol
Concen: 132.454 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52



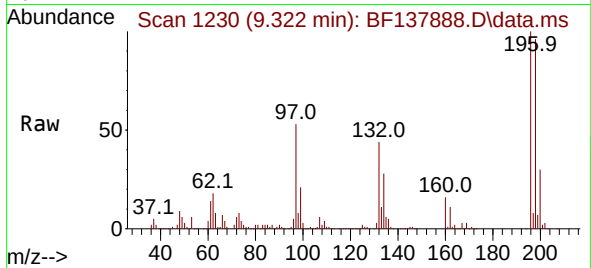
Tgt Ion:330 Resp: 481595
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 27.8 23.8 35.6





#43
2,4,6-Trichlorophenol
Concen: 45.700 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

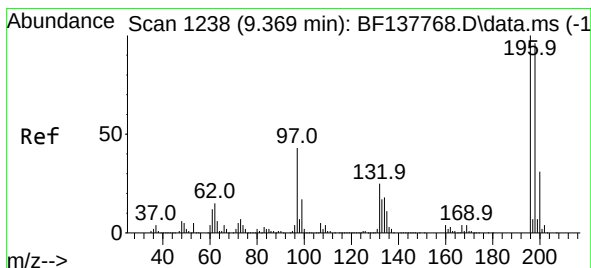
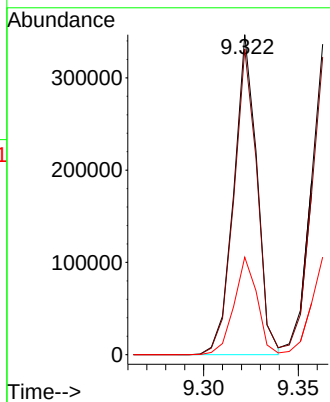
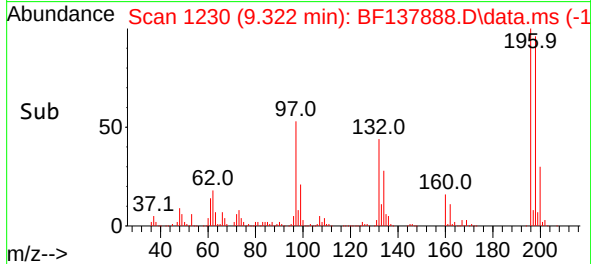
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD



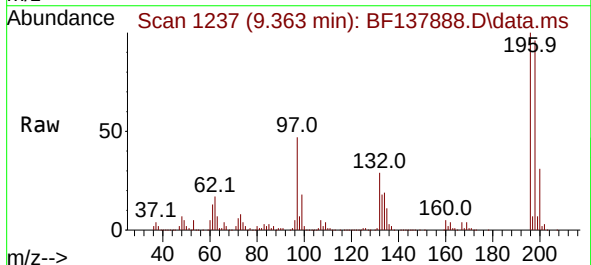
Tgt Ion:196 Resp: 293404
Ion Ratio Lower Upper
196 100
198 95.5 76.2 114.4
200 30.5 24.2 36.2

Manual Integrations
APPROVED

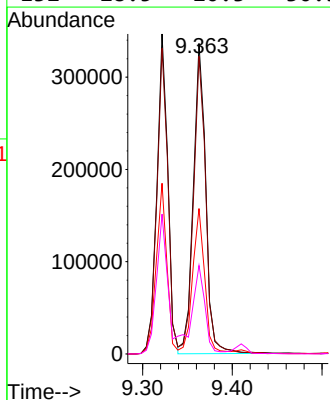
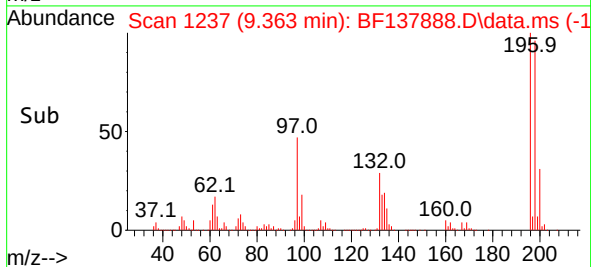
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

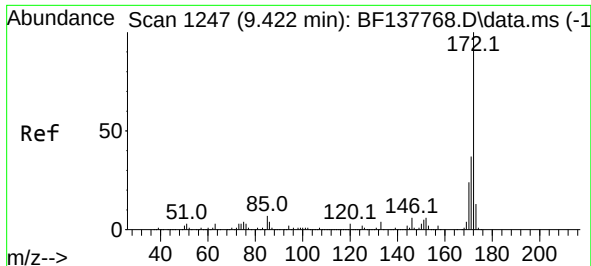


#44
2,4,5-Trichlorophenol
Concen: 45.645 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52



Tgt Ion:196 Resp: 323587
Ion Ratio Lower Upper
196 100
198 95.9 76.6 114.8
97 46.8 34.5 51.7
132 28.5 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 86.989 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137888.D

Acq: 10 May 2024 18:52

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMSD

Tgt Ion:172 Resp: 1909390

Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

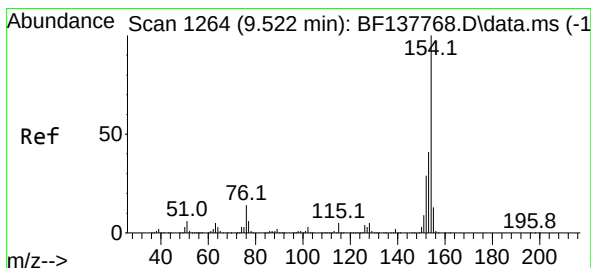
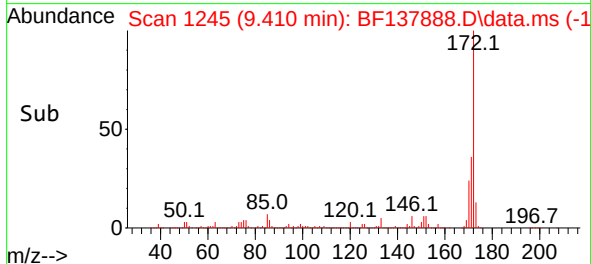
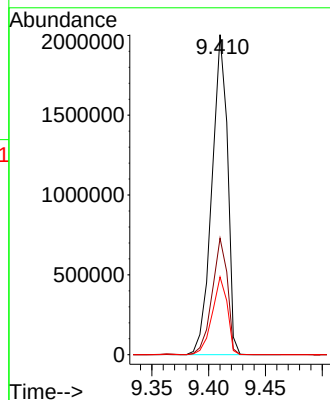
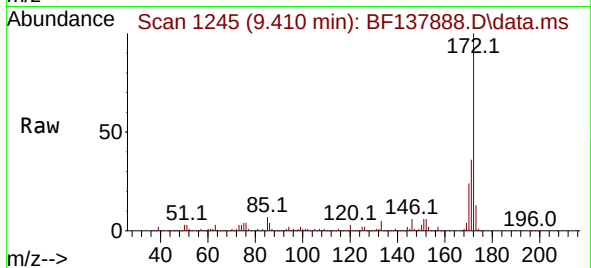
170 24.3 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#46

1,1'-Biphenyl

Concen: 45.498 ng

RT: 9.516 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF137888.D

Acq: 10 May 2024 18:52

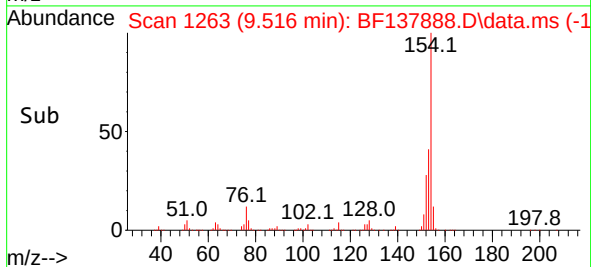
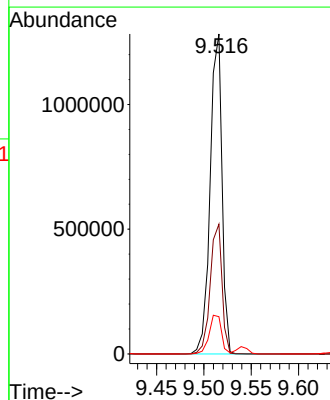
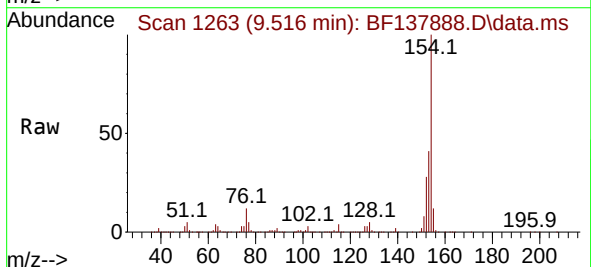
Tgt Ion:154 Resp: 1111934

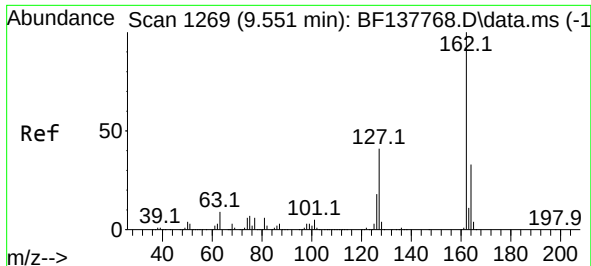
Ion Ratio Lower Upper

154 100

153 40.5 21.4 61.4

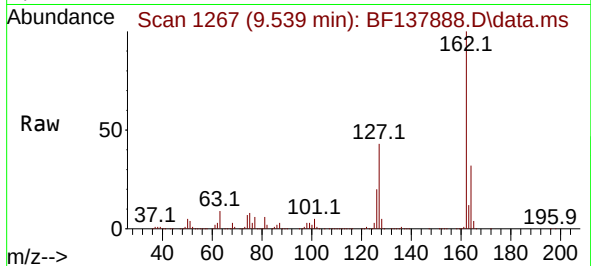
76 11.7 0.0 33.5





#47
2-Chloronaphthalene
Concen: 43.558 ng
RT: 9.539 min Scan# 1267
Delta R.T. -0.012 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

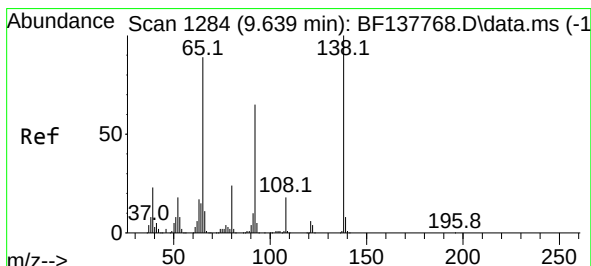
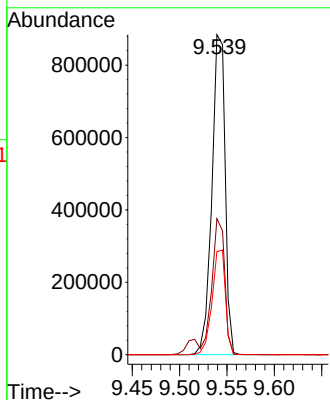
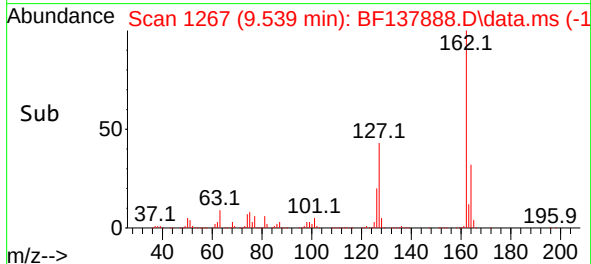
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD



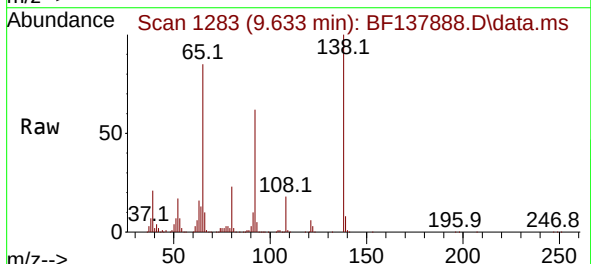
Tgt Ion:162 Resp: 85942
Ion Ratio Lower Upper
162 100
127 42.5 32.6 49.0
164 32.2 26.5 39.7

Manual Integrations
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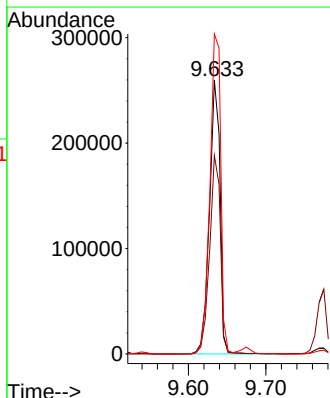
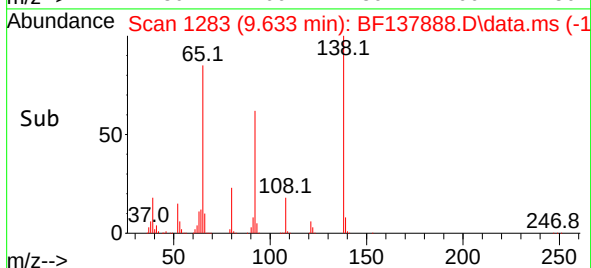
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

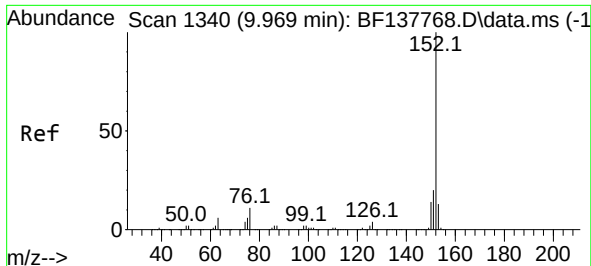


#48
2-Nitroaniline
Concen: 45.986 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52



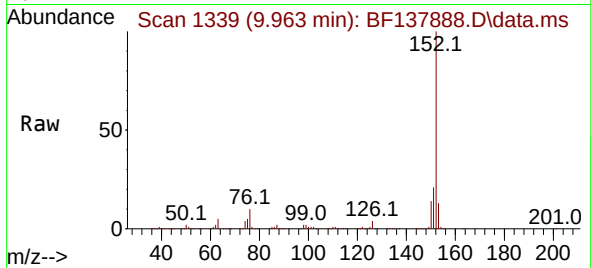
Tgt Ion: 65 Resp: 246080
Ion Ratio Lower Upper
65 100
92 72.5 58.6 88.0
138 117.0 90.3 135.5





#49
Acenaphthylene
Concen: 48.572 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

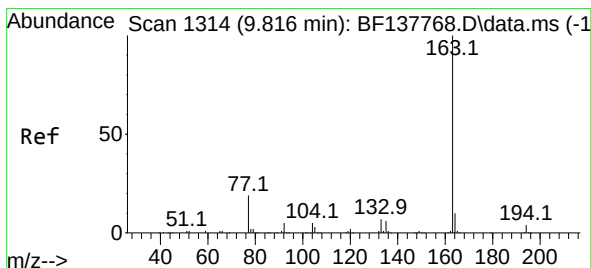
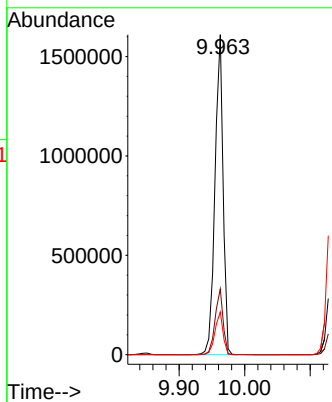
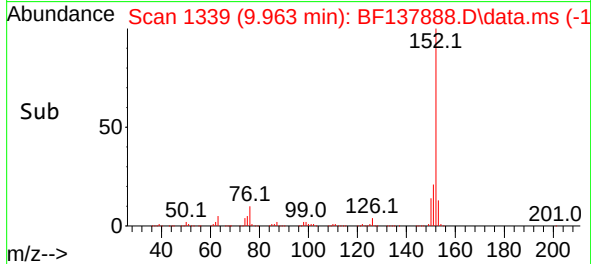
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD



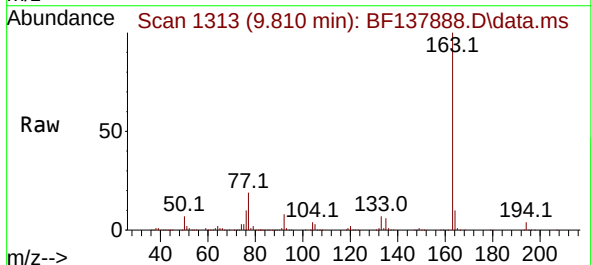
Tgt Ion:152 Resp: 138633
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.4 10.8 16.2

Manual Integrations
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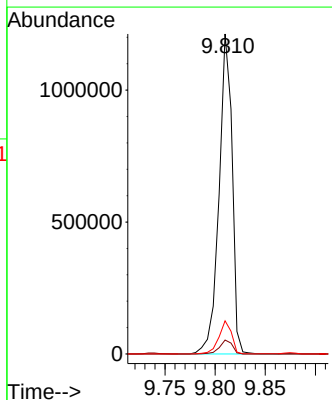
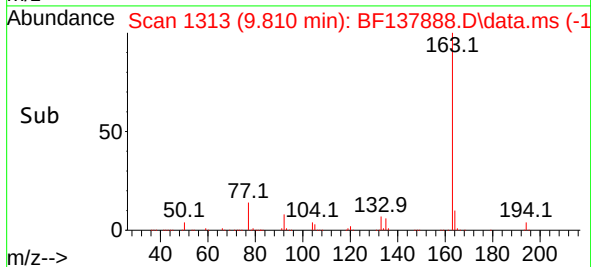
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

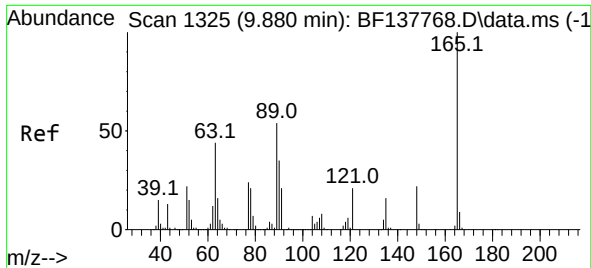


#50
Dimethylphthalate
Concen: 48.928 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52



Tgt Ion:163 Resp: 1099929
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.4 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 47.351 ng
RT: 9.875 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMSD

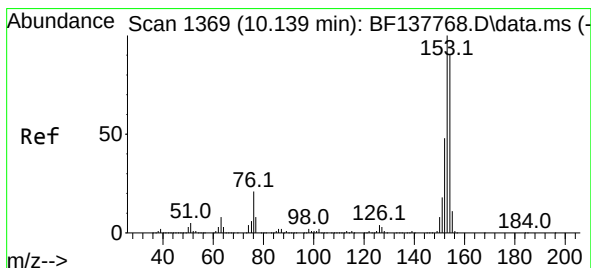
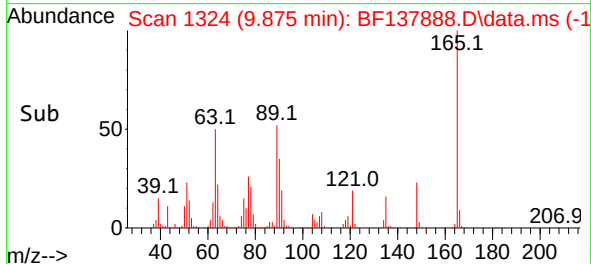
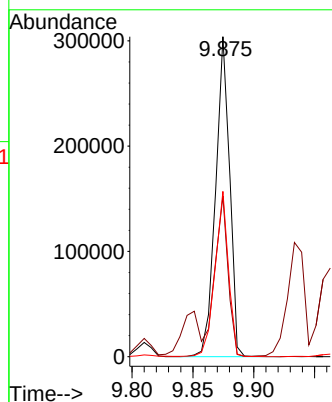
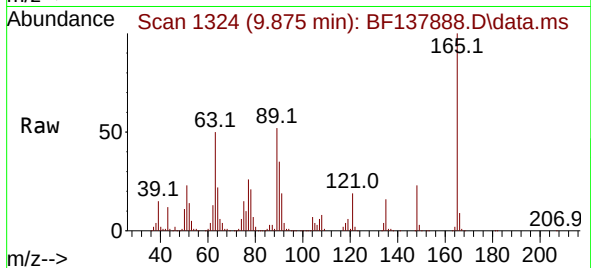
Tgt Ion:165 Resp: 243268
Ion Ratio Lower Upper
165 100
63 50.2 41.9 62.9
89 51.6 43.2 64.8

Manual Integrations

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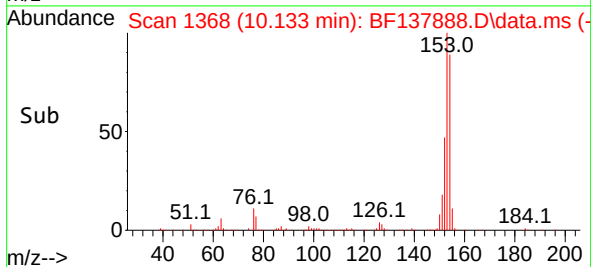
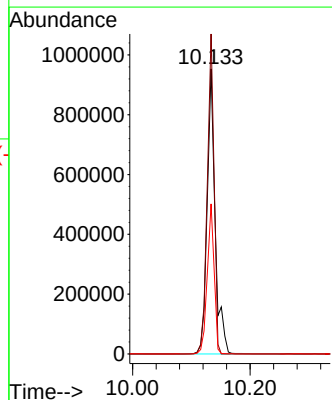
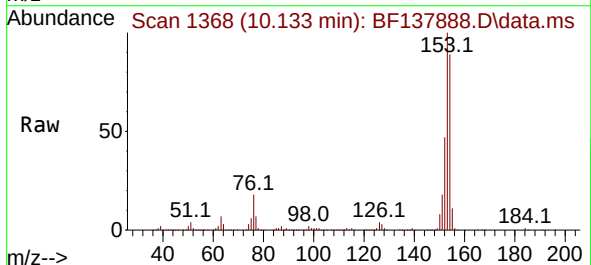
Reviewed By :Yogesh Patel 05/13/2024

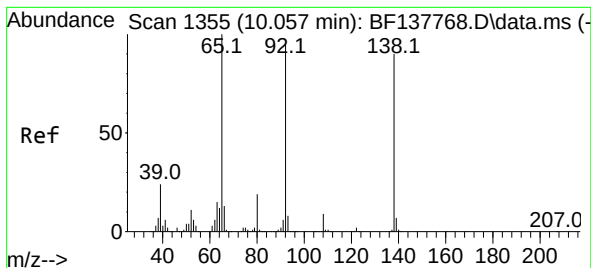
Supervised By :mohammad ahmed 05/13/2024



#52
Acenaphthene
Concen: 47.872 ng
RT: 10.133 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

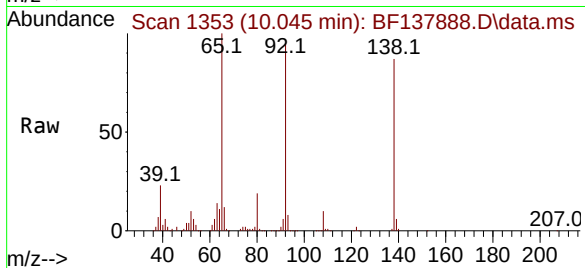
Tgt Ion:154 Resp: 905688
Ion Ratio Lower Upper
154 100
153 112.3 88.7 133.1
152 52.7 42.8 64.2





#53
3-Nitroaniline
Concen: 20.414 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

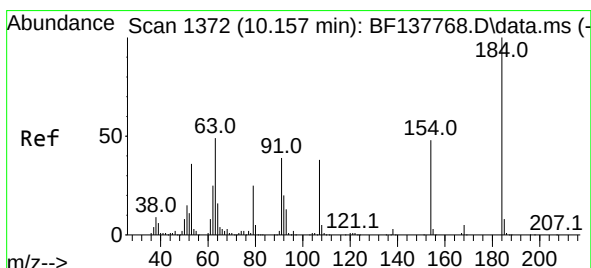
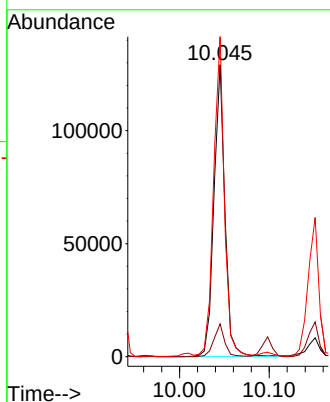
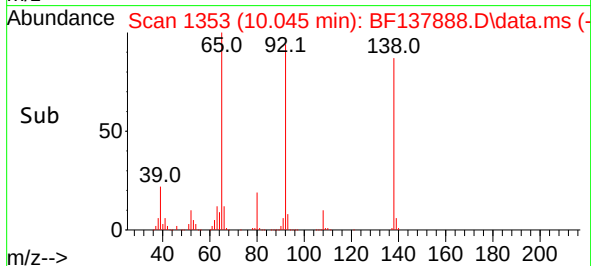
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD



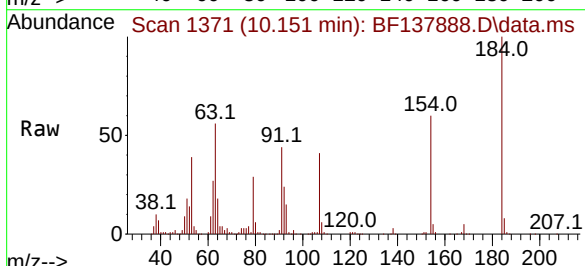
Tgt Ion:138 Resp: 109829
Ion Ratio Lower Upper
138 100
108 11.2 7.8 11.6
92 109.6 84.6 126.8

Manual Integrations
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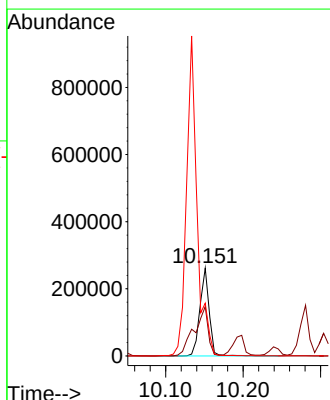
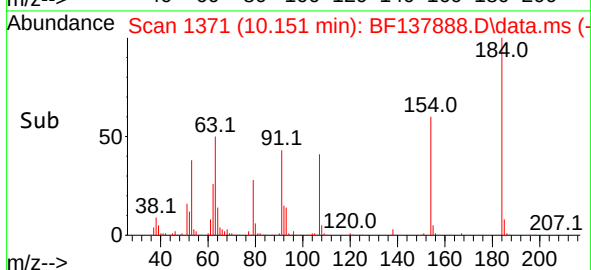
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

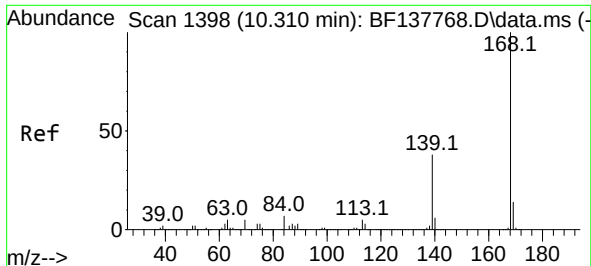


#54
2,4-Dinitrophenol
Concen: 86.684 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52



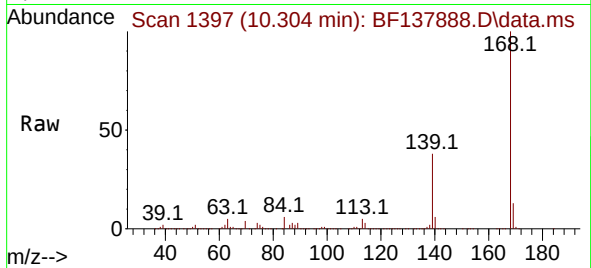
Tgt Ion:184 Resp: 218822
Ion Ratio Lower Upper
184 100
63 56.1 40.3 60.5
154 60.1 45.2 67.8





#55
Dibenzenofuran
Concen: 45.611 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

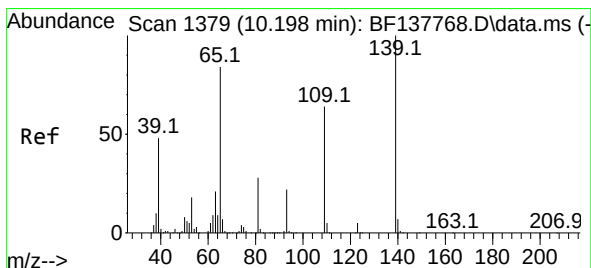
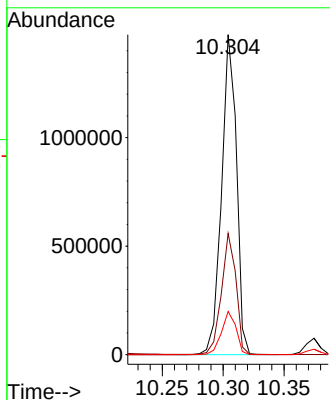
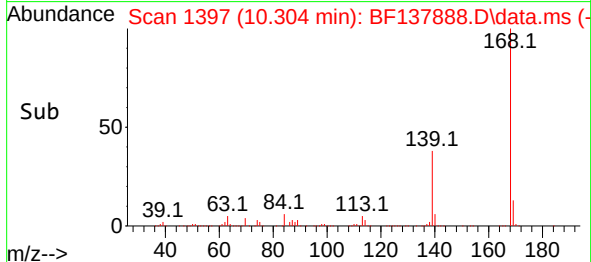
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD



Tgt Ion:168 Resp: 125572
Ion Ratio Lower Upper
168 100
139 37.9 30.2 45.4
169 13.5 11.4 17.0

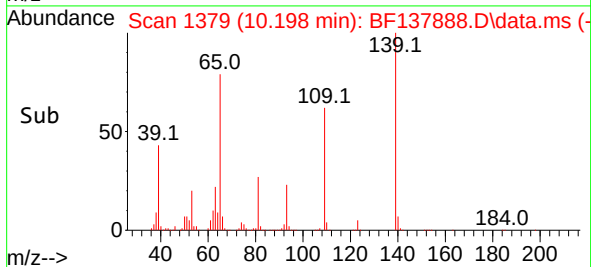
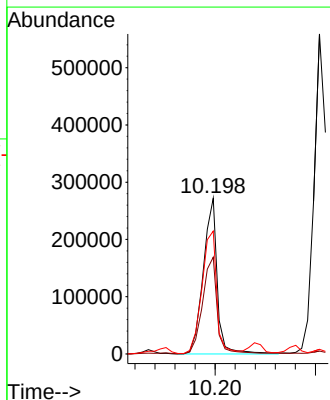
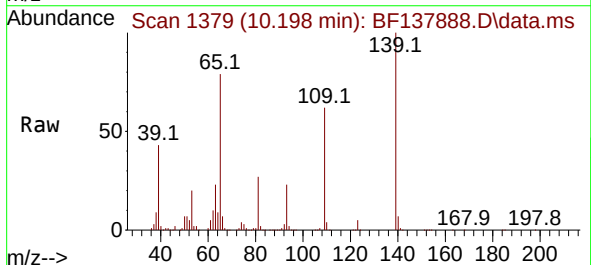
Manual Integrations
APPROVED

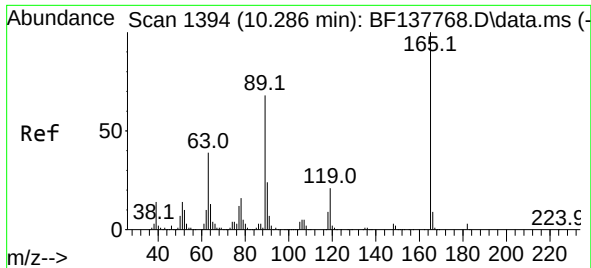
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#56
4-Nitrophenol
Concen: 59.326 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Tgt Ion:139 Resp: 264536
Ion Ratio Lower Upper
139 100
109 62.3 44.0 84.0
65 78.9 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 47.522 ng
RT: 10.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Instrument :

BNA_F

ClientSampleId :

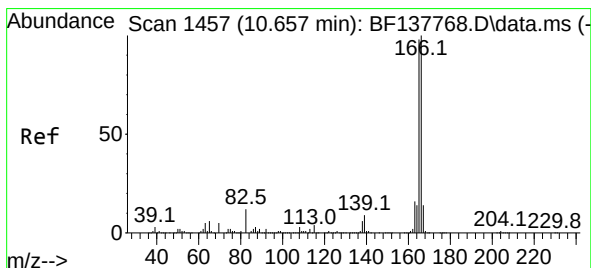
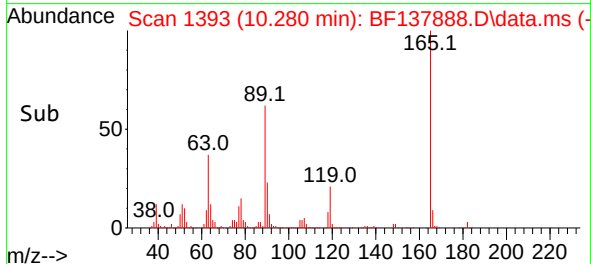
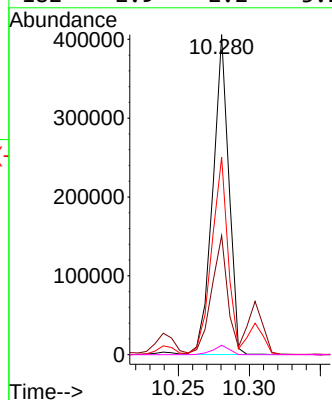
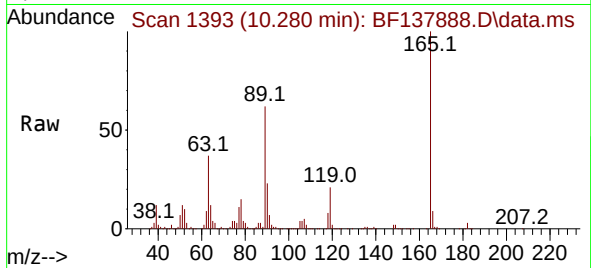
WCS-TP-DMSD

Tgt Ion:165 Resp: 31896
Ion Ratio Lower Upper
165 100
63 37.2 31.3 46.9
89 61.7 54.2 81.4
182 2.9 2.2 3.2

Manual Integrations

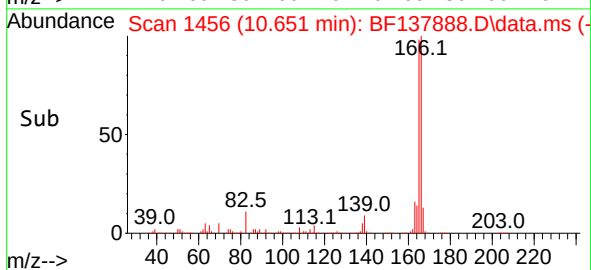
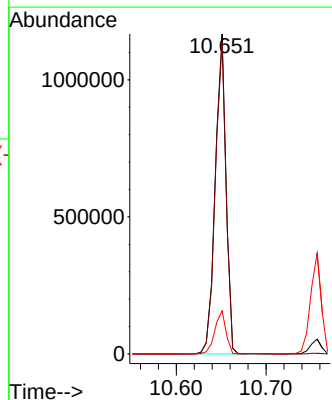
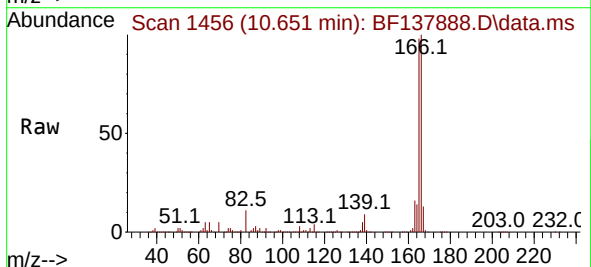
APPROVED

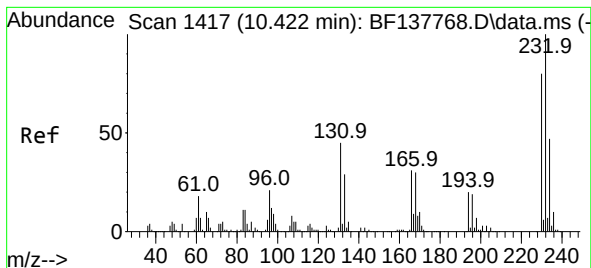
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#58
Fluorene
Concen: 44.398 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

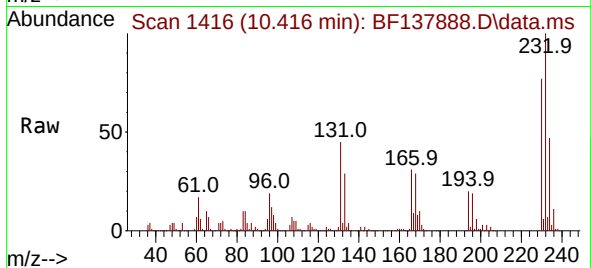
Tgt Ion:166 Resp: 972800
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.2
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.434 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

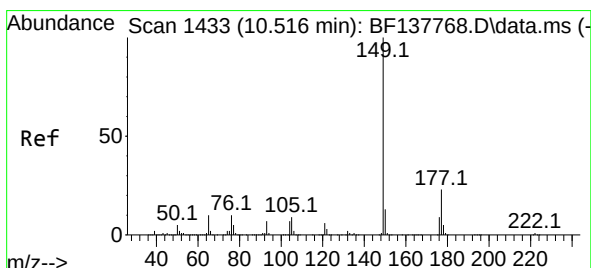
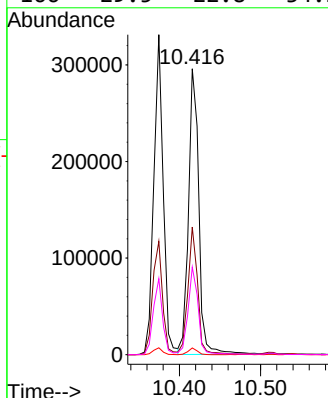
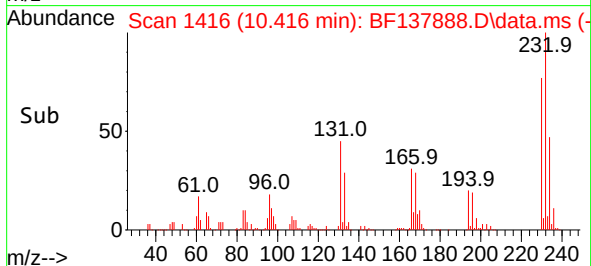
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD



Tgt Ion:232 Resp: 261489
Ion Ratio Lower Upper
232 100
131 41.2 33.4 50.0
130 2.1 1.7 2.5
166 29.5 22.8 34.2

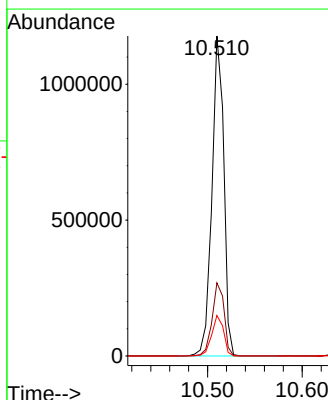
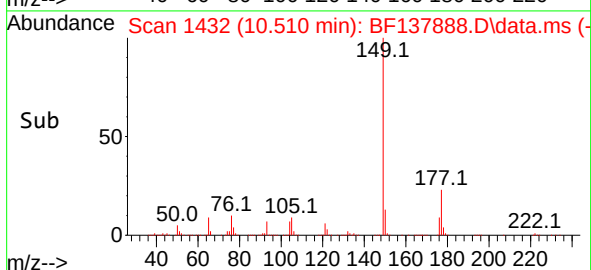
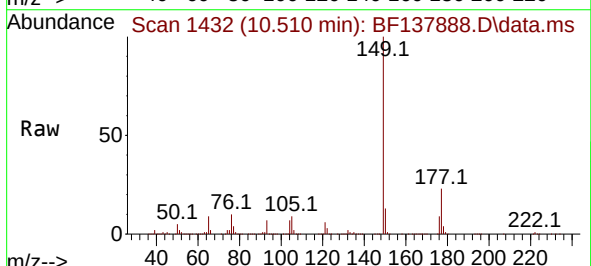
Manual Integrations
APPROVED

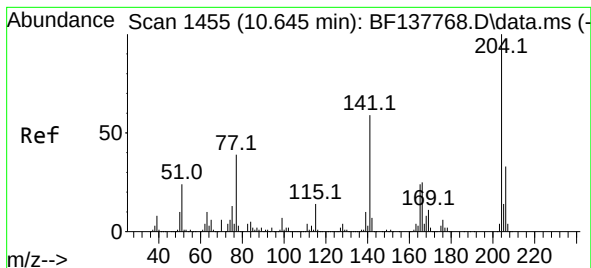
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#60
Diethylphthalate
Concen: 47.819 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

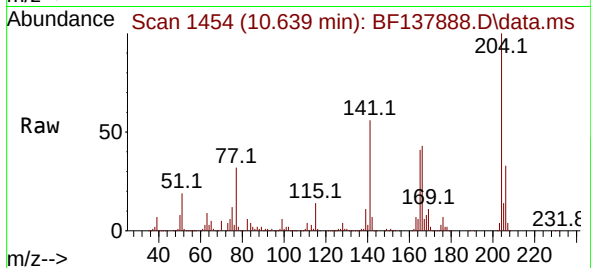
Tgt Ion:149 Resp: 1020980
Ion Ratio Lower Upper
149 100
177 22.9 18.4 27.6
150 12.7 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 45.138 ng
RT: 10.639 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

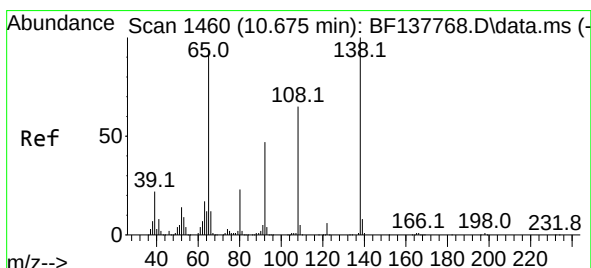
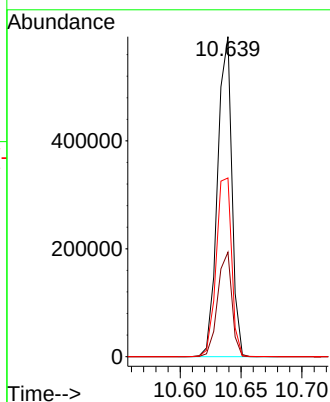
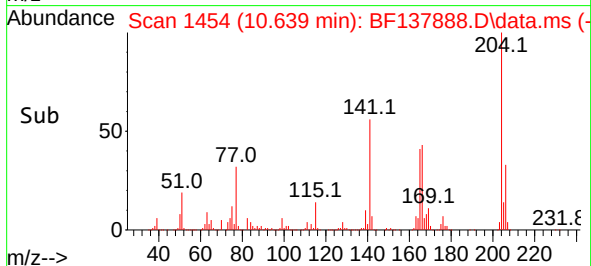
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD



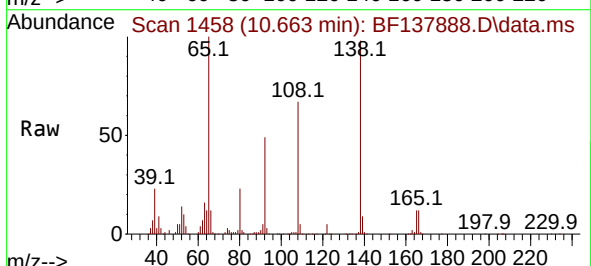
Tgt Ion:204 Resp: 487315
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 55.9 47.0 70.6

Manual Integrations
APPROVED

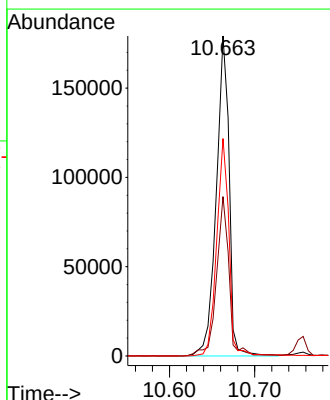
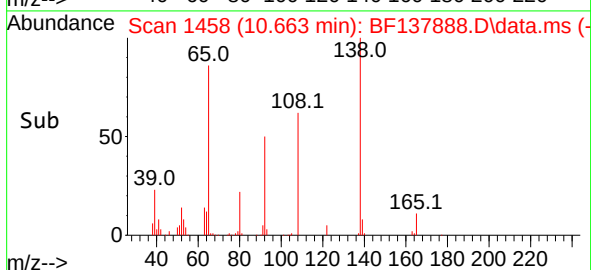
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

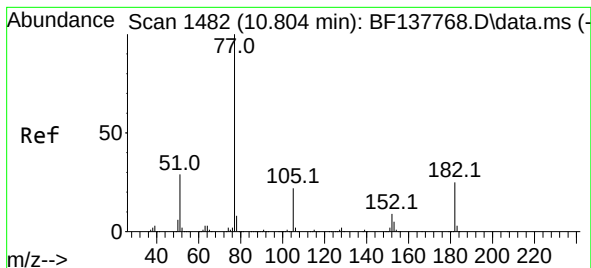


#62
4-Nitroaniline
Concen: 34.407 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52



Tgt Ion:138 Resp: 187759
Ion Ratio Lower Upper
138 100
92 49.8 26.8 66.8
108 67.9 44.7 84.7





#63

Azobenzene

Concen: 44.059 ng

RT: 10.798 min Scan# 1482

Delta R.T. -0.006 min

Lab File: BF137888.D

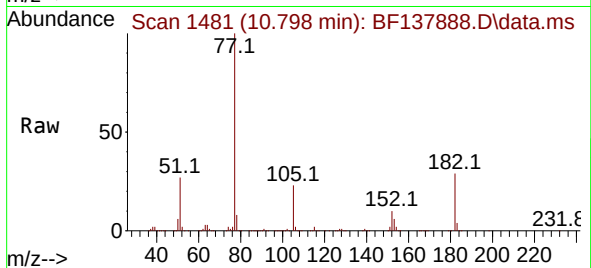
Acq: 10 May 2024 18:52

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMSD



Tgt Ion: 77 Resp: 90919

Ion Ratio Lower Upper

77 100

182 29.0 5.1 45.1

105 23.1 2.2 42.2

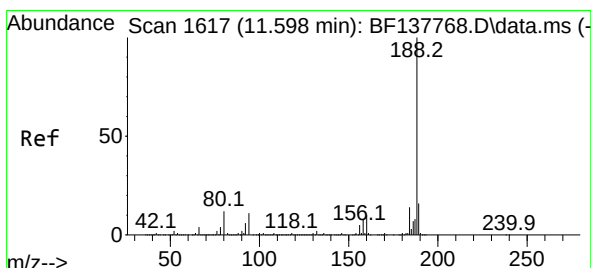
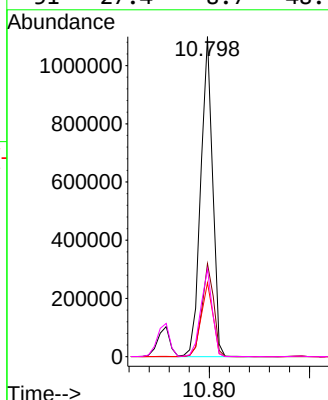
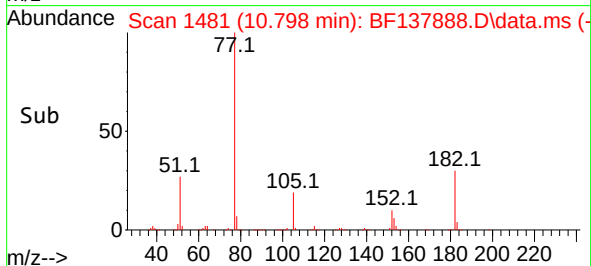
51 27.4 8.7 48.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.592 min Scan# 1616

Delta R.T. -0.006 min

Lab File: BF137888.D

Acq: 10 May 2024 18:52

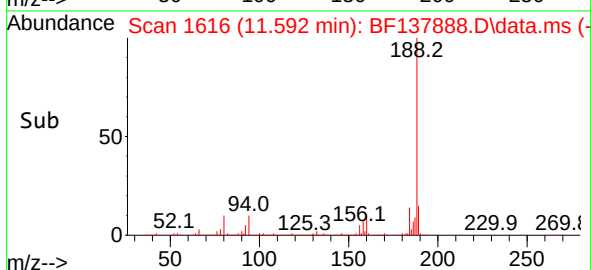
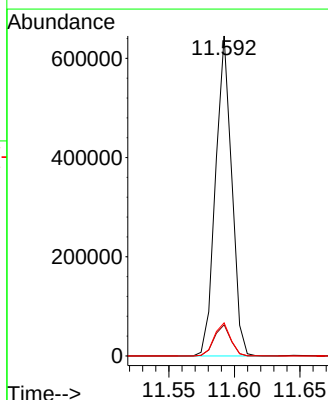
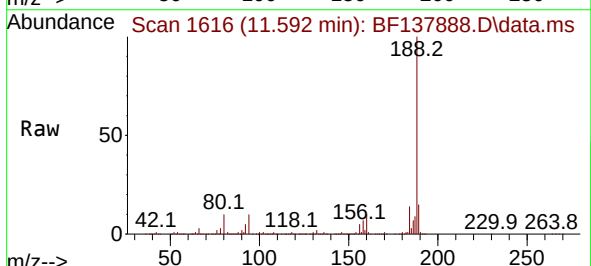
Tgt Ion:188 Resp: 552994

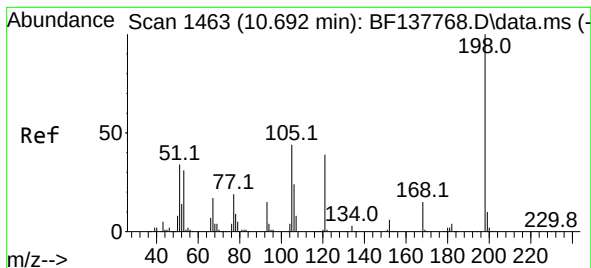
Ion Ratio Lower Upper

188 100

94 9.7 8.8 13.2

80 10.4 9.6 14.4





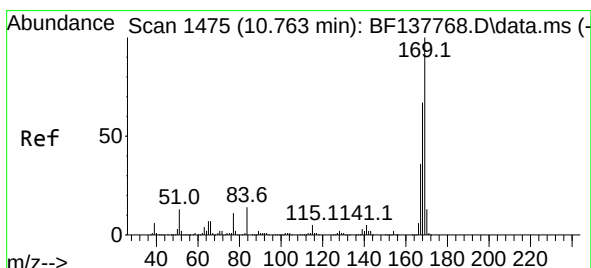
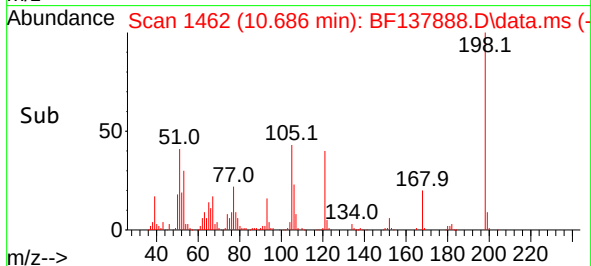
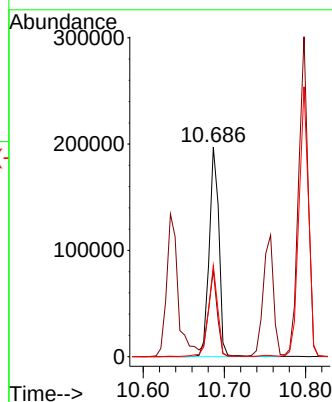
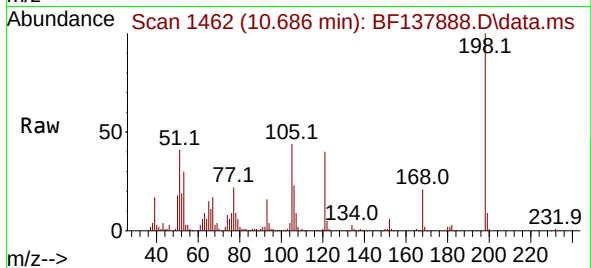
#65
4,6-Dinitro-2-methylphenol
Concen: 51.321 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD

Tgt Ion:198 Resp: 162894
Ion Ratio Lower Upper
198 100
51 41.3 25.1 65.1
105 43.5 24.1 64.1

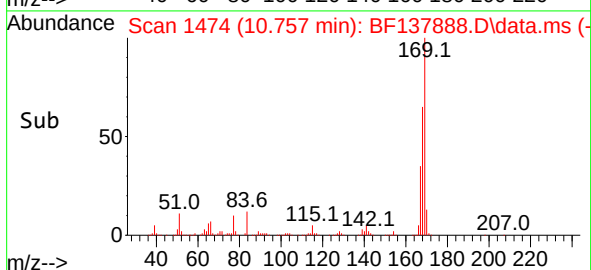
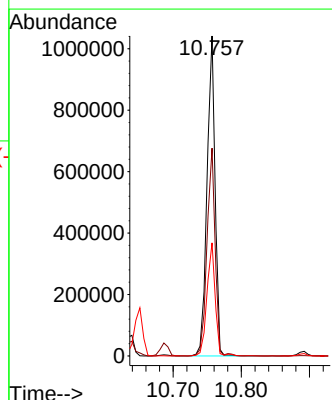
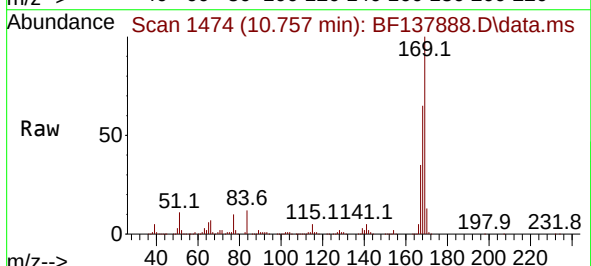
Manual Integrations
APPROVED

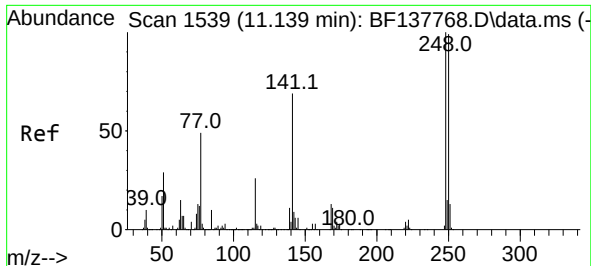
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#66
n-Nitrosodiphenylamine
Concen: 51.728 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Tgt Ion:169 Resp: 856270
Ion Ratio Lower Upper
169 100
168 64.9 53.3 79.9
167 35.3 29.2 43.8





#67

4-Bromophenyl-phenylether

Concen: 53.521 ng

RT: 11.127 min Scan# 1537

Delta R.T. -0.012 min

Lab File: BF137888.D

Acq: 10 May 2024 18:52

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMSD

Tgt Ion:248 Resp: 31674

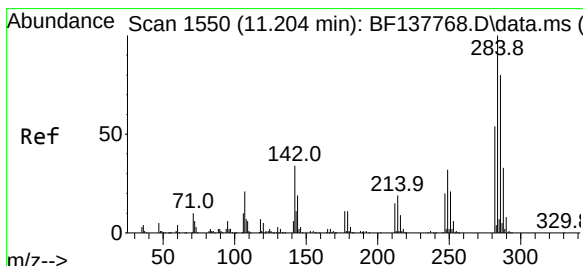
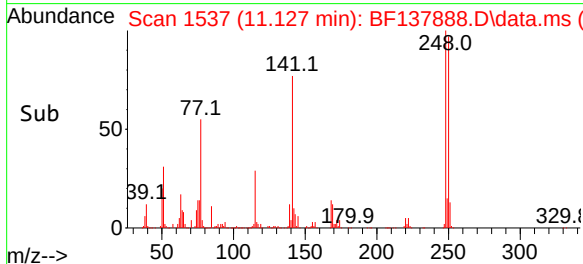
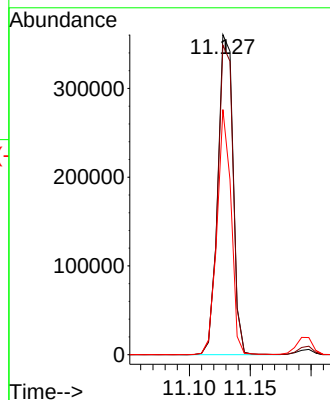
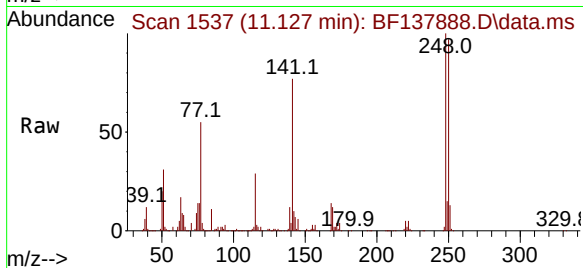
Ion	Ratio	Lower	Upper
248	100		
250	96.7	79.1	118.7
141	76.6	55.4	83.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#68

Hexachlorobenzene

Concen: 52.668 ng

RT: 11.198 min Scan# 1549

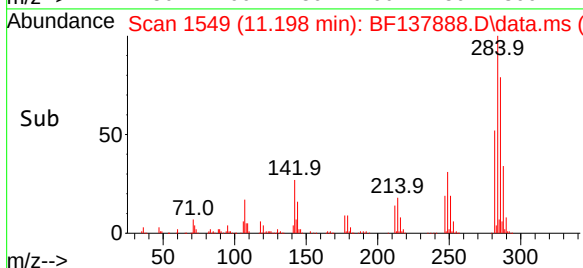
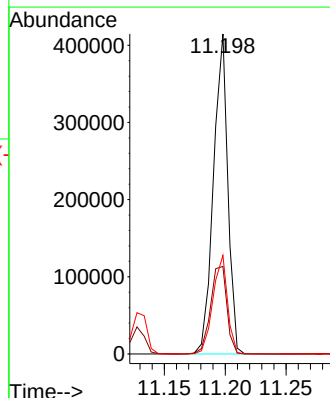
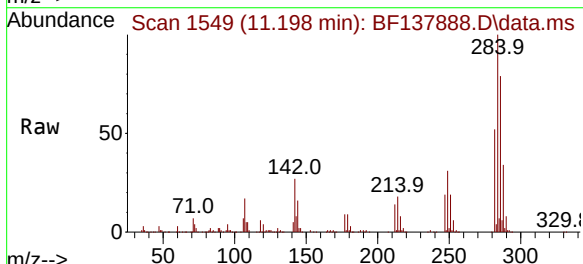
Delta R.T. -0.006 min

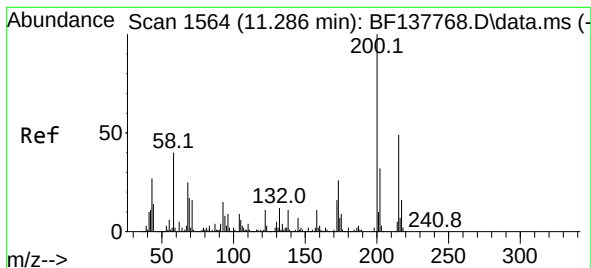
Lab File: BF137888.D

Acq: 10 May 2024 18:52

Tgt Ion:284 Resp: 340628

Ion	Ratio	Lower	Upper
284	100		
142	27.4	27.3	40.9
249	30.8	25.6	38.4





#69

Atrazine

Concen: 58.095 ng

RT: 11.280 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137888.D

Acq: 10 May 2024 18:52

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMSD

Tgt Ion:200 Resp: 293220

Ion Ratio Lower Upper

200 100

173 24.7 5.9 45.9

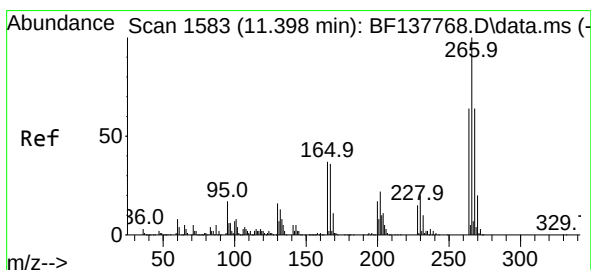
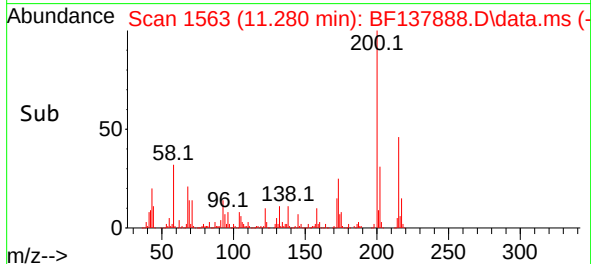
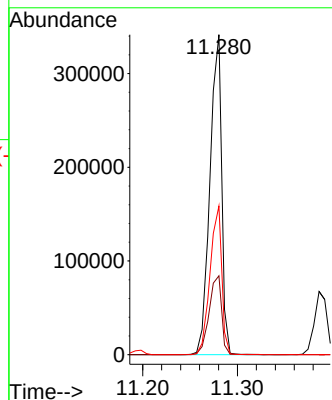
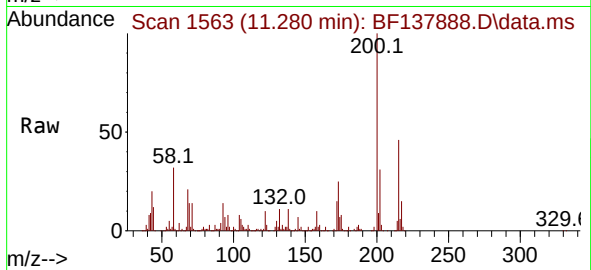
215 46.5 28.8 68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#70

Pentachlorophenol

Concen: 83.275 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137888.D

Acq: 10 May 2024 18:52

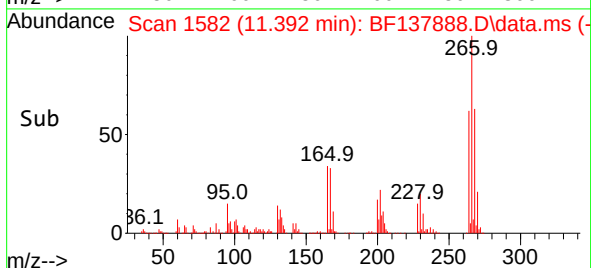
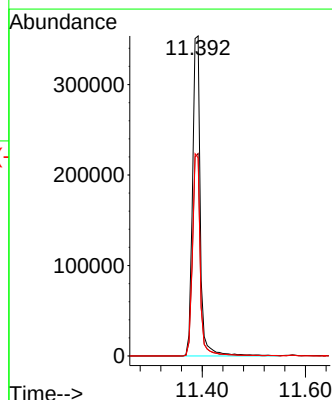
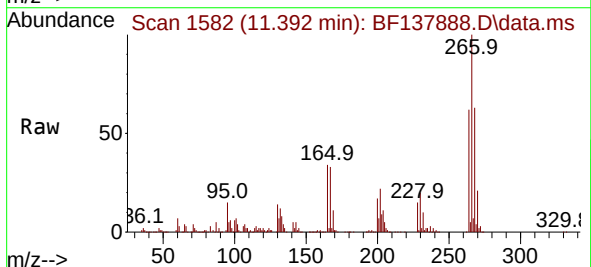
Tgt Ion:266 Resp: 369758

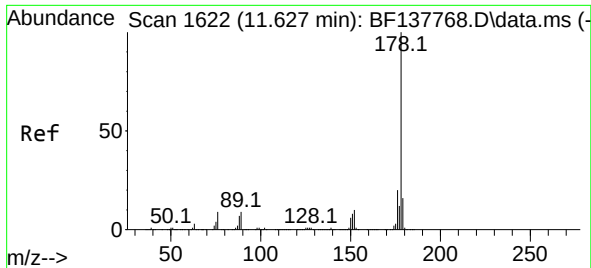
Ion Ratio Lower Upper

266 100

268 63.2 51.3 76.9

264 61.9 51.0 76.4





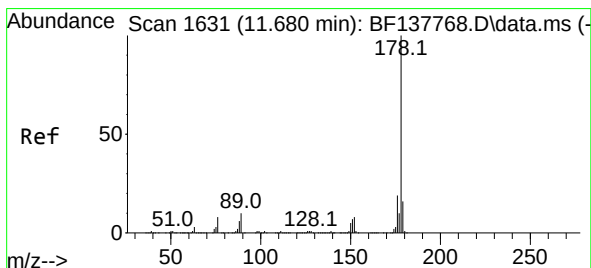
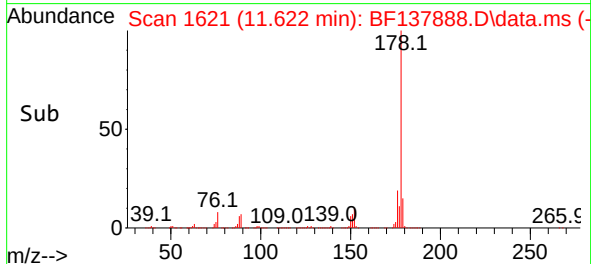
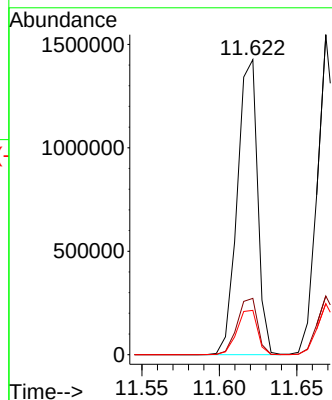
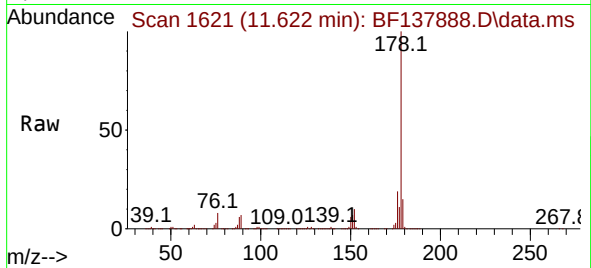
#71
Phenanthrene
Concen: 48.225 ng
RT: 11.622 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD

Tgt Ion:178 Resp: 129984
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.0 12.5 18.7

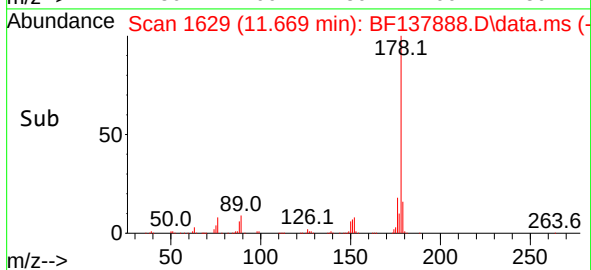
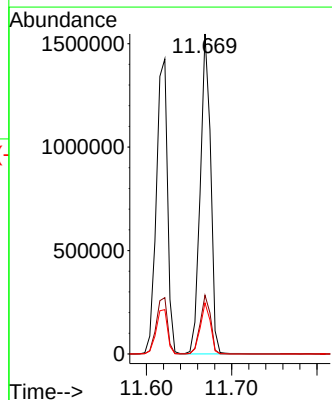
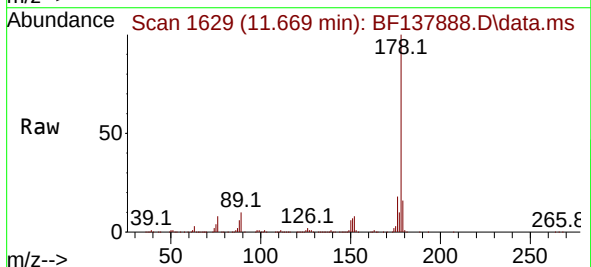
Manual Integrations
APPROVED

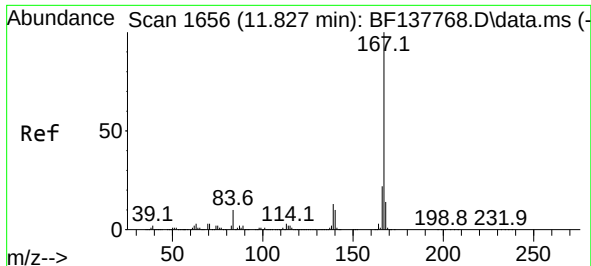
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#72
Anthracene
Concen: 48.720 ng
RT: 11.669 min Scan# 1629
Delta R.T. -0.012 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

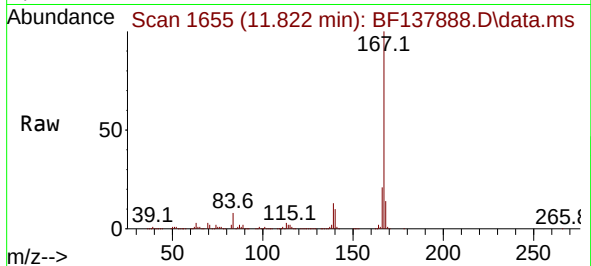
Tgt Ion:178 Resp: 1306609
Ion Ratio Lower Upper
178 100
176 18.4 15.2 22.8
179 16.0 12.6 18.8





#73
 Carbazole
 Concen: 41.131 ng
 RT: 11.822 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: BF137888.D
 Acq: 10 May 2024 18:52

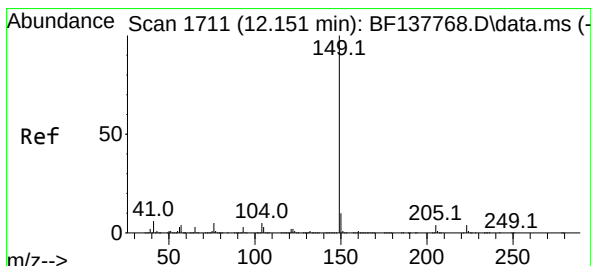
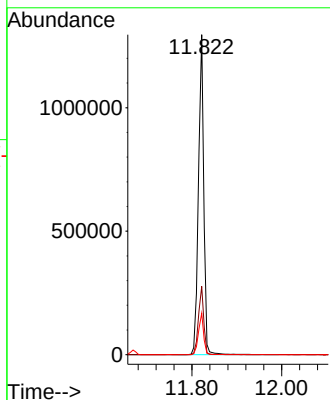
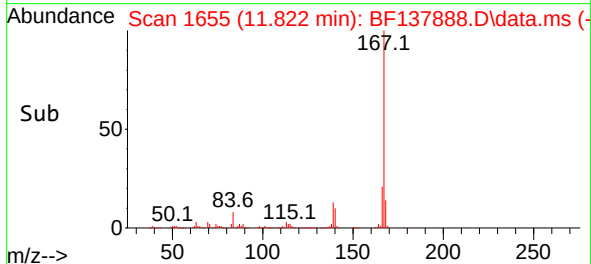
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP-DMSD



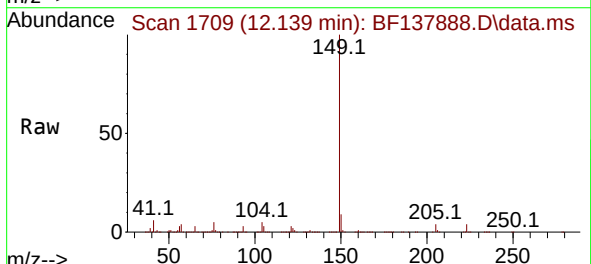
Tgt Ion:167 Resp: 1063088
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.6 26.4
 139 12.9 10.5 15.7

Manual Integrations
 APPROVED

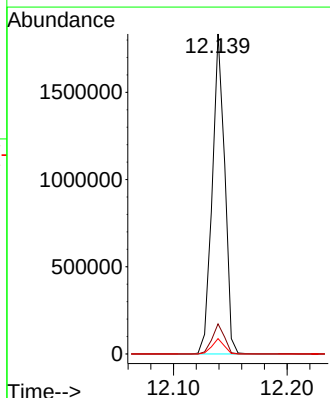
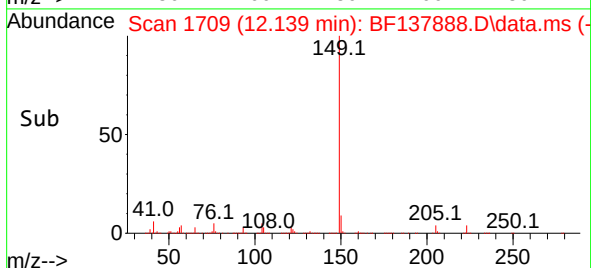
Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :mohammad ahmed 05/13/2024

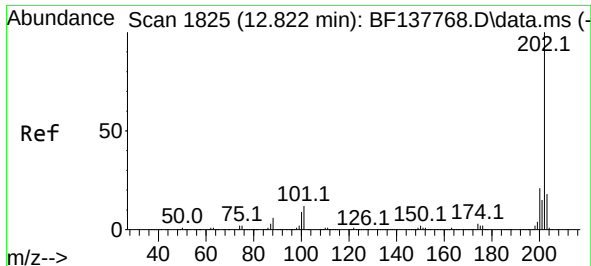


#74
 Di-n-butylphthalate
 Concen: 49.479 ng
 RT: 12.139 min Scan# 1709
 Delta R.T. -0.012 min
 Lab File: BF137888.D
 Acq: 10 May 2024 18:52



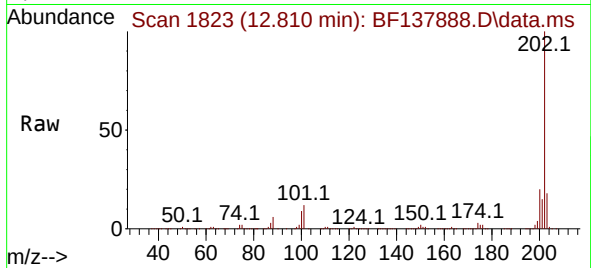
Tgt Ion:149 Resp: 1395040
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 4.8 3.8 5.8





#75
Fluoranthene
Concen: 38.108 ng
RT: 12.810 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

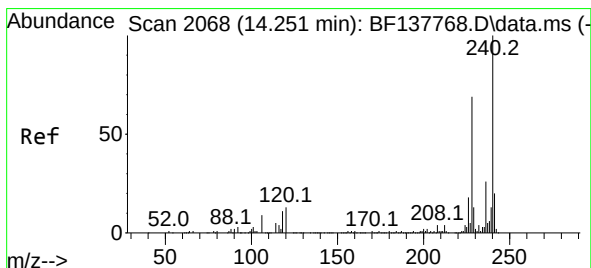
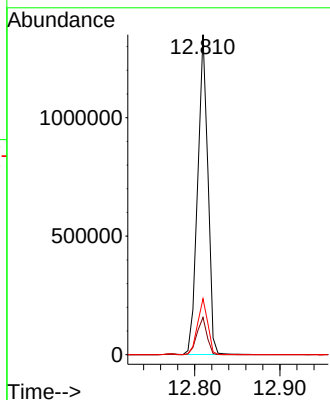
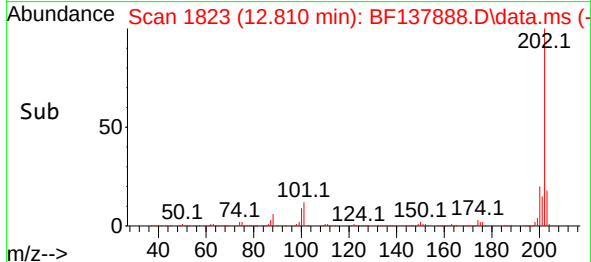
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD



Tgt Ion:202 Resp: 1122800
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.8
203 17.5 0.0 37.8

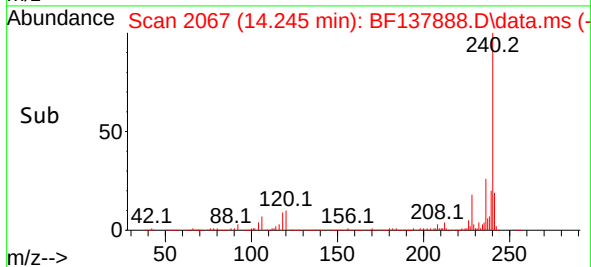
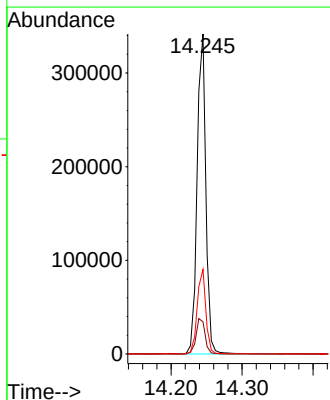
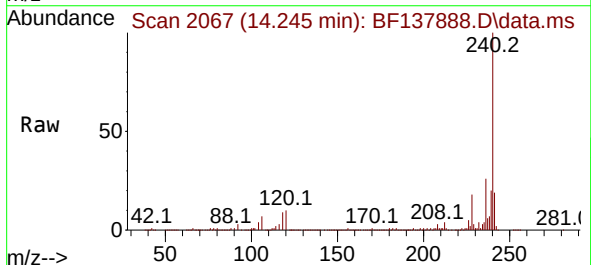
Manual Integrations
APPROVED

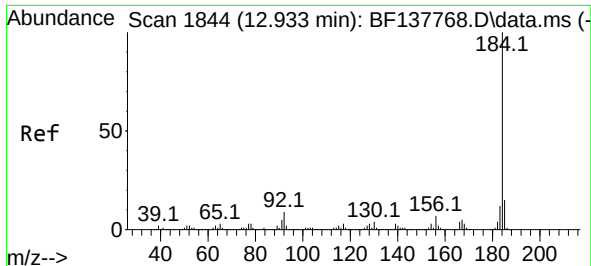
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Tgt Ion:240 Resp: 293651
Ion Ratio Lower Upper
240 100
120 10.1 10.4 15.6#
236 26.5 20.4 30.6





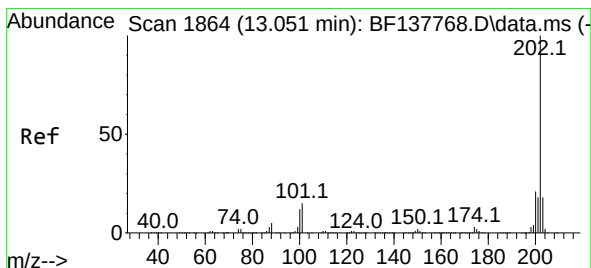
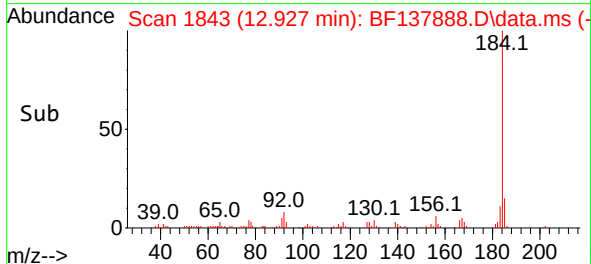
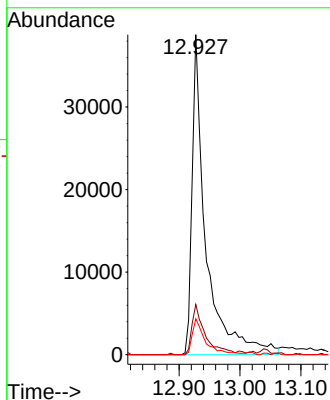
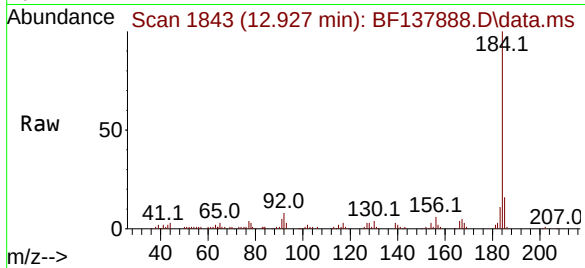
#77
Benzidine
Concen: 9.012 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD

Tgt Ion:184 Resp: 6120
Ion Ratio Lower Upper
184 100
185 15.7 12.3 18.5
183 11.2 9.2 13.8

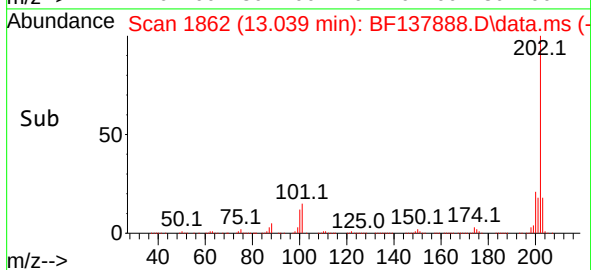
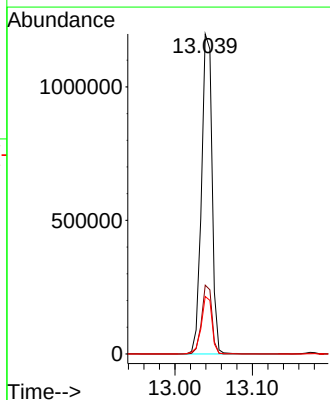
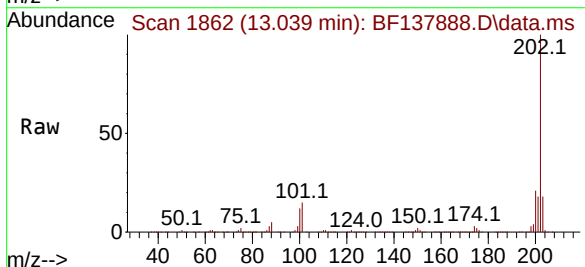
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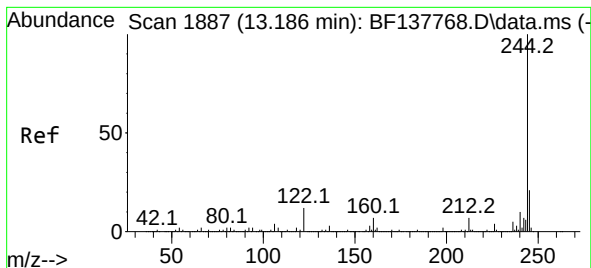
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#78
Pyrene
Concen: 48.651 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Tgt Ion:202 Resp: 1132746
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 18.0 14.4 21.6





#79

Terphenyl-d14

Concen: 96.745 ng

RT: 13.174 min Scan# 1885

Delta R.T. -0.012 min

Lab File: BF137888.D

Acq: 10 May 2024 18:52

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMSD

Tgt Ion:244 Resp: 169520

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

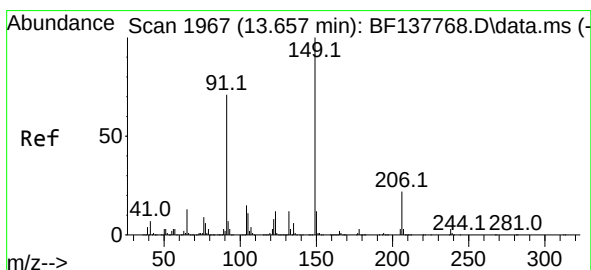
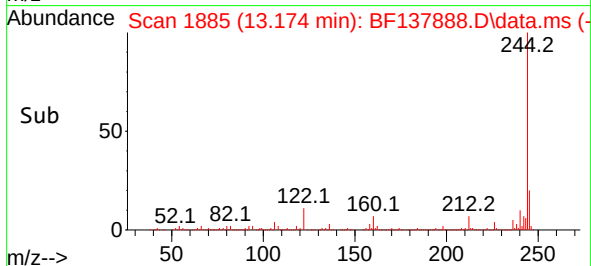
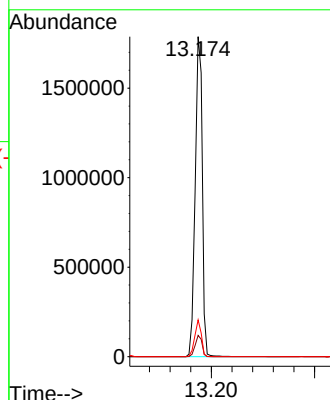
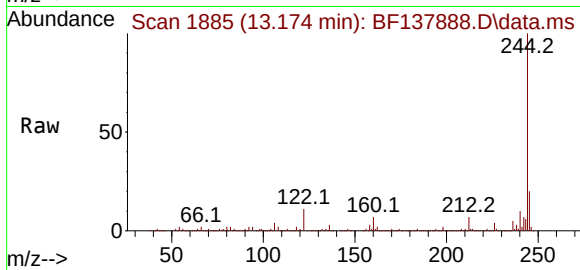
122 11.5 9.4 14.2

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Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#80

Butylbenzylphthalate

Concen: 55.830 ng

RT: 13.645 min Scan# 1965

Delta R.T. -0.012 min

Lab File: BF137888.D

Acq: 10 May 2024 18:52

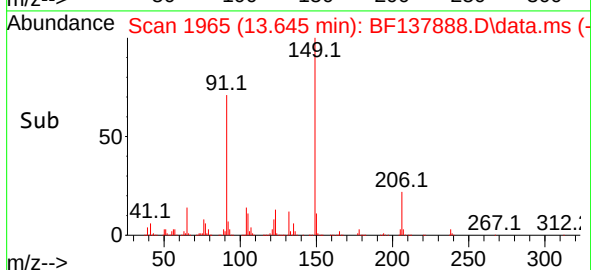
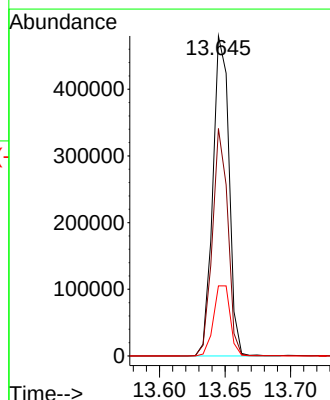
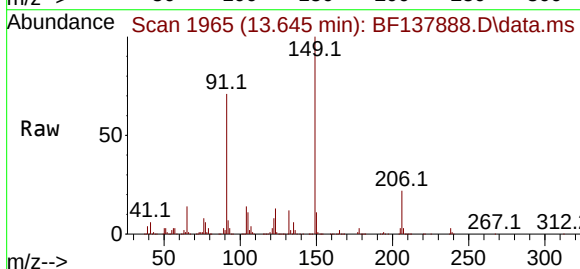
Tgt Ion:149 Resp: 412432

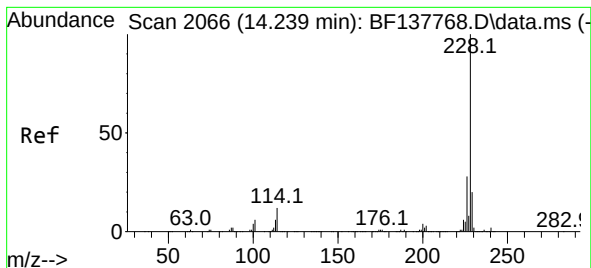
Ion Ratio Lower Upper

149 100

91 71.1 56.8 85.2

206 21.9 17.8 26.8





#81

Benzo(a)anthracene

Concen: 48.994 ng

RT: 14.233 min Scan# 2066

Delta R.T. -0.006 min

Lab File: BF137888.D

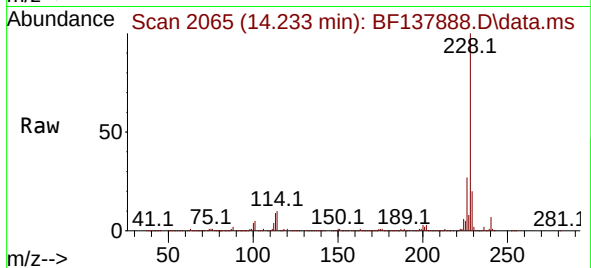
Acq: 10 May 2024 18:52

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMSD



Tgt Ion:228 Resp: 92018

Ion Ratio Lower Upper

228 100

226 26.7 22.2 33.2

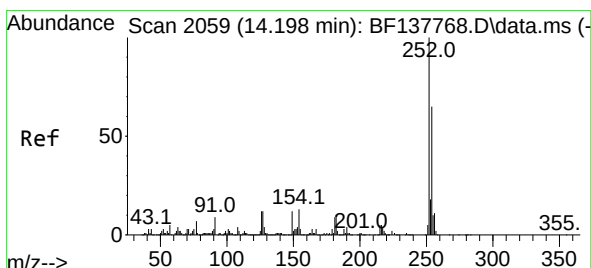
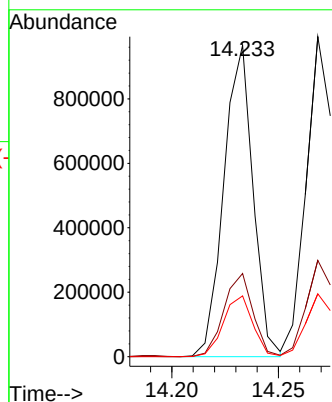
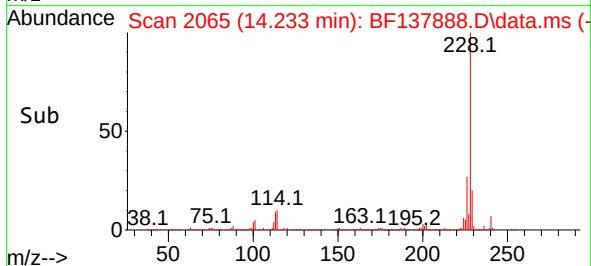
229 19.5 16.3 24.5

Manual Integrations

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Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#82

3,3'-Dichlorobenzidine

Concen: 34.780 ng

RT: 14.192 min Scan# 2058

Delta R.T. -0.006 min

Lab File: BF137888.D

Acq: 10 May 2024 18:52

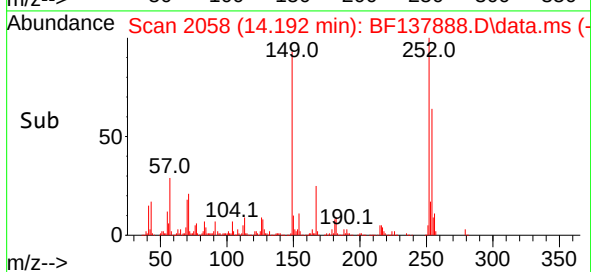
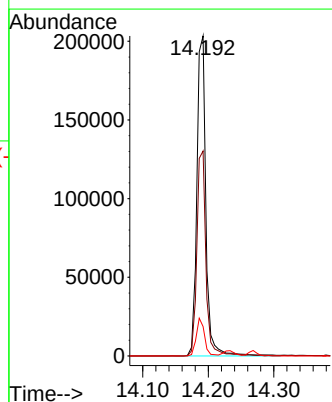
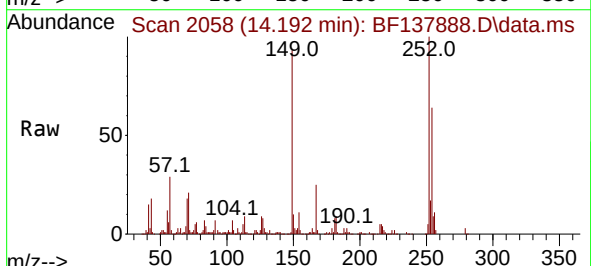
Tgt Ion:252 Resp: 195555

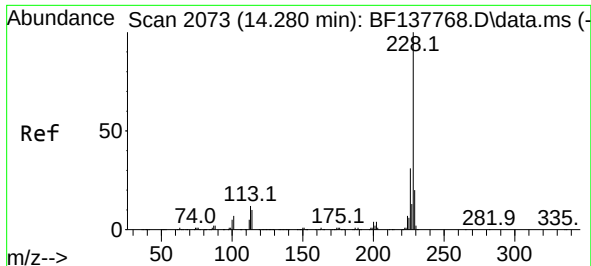
Ion Ratio Lower Upper

252 100

254 64.1 51.7 77.5

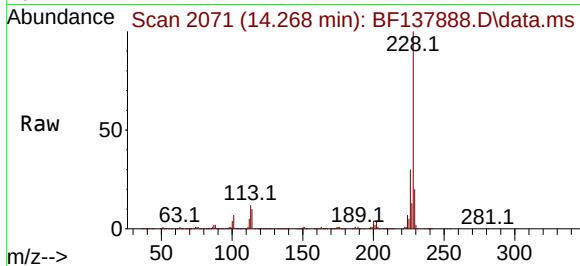
126 9.2 9.7 14.5





#83
Chrysene
Concen: 50.234 ng
RT: 14.268 min Scan# 2073
Delta R.T. -0.012 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

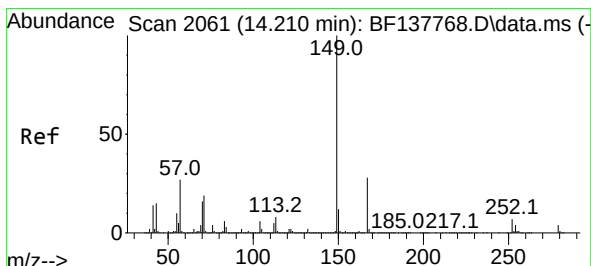
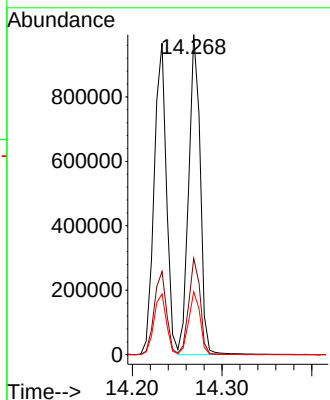
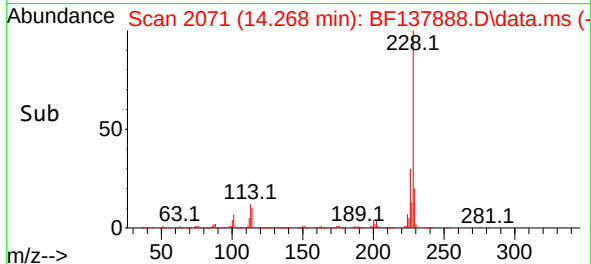
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD



Tgt Ion:228 Resp: 88340
Ion Ratio Lower Upper
228 100
226 30.1 24.8 37.2
229 19.7 16.0 24.0

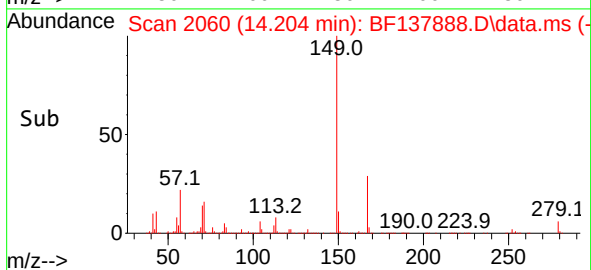
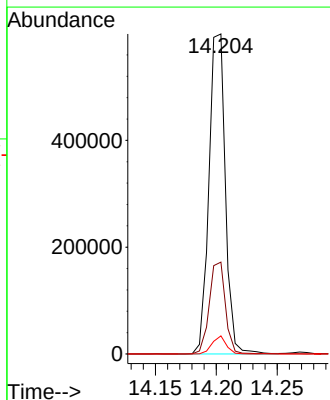
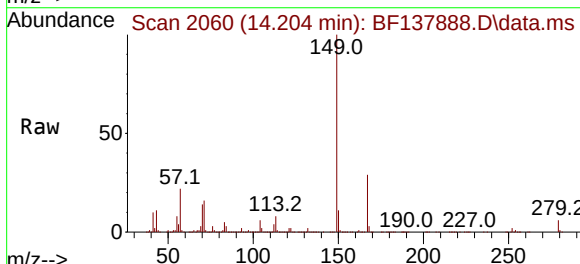
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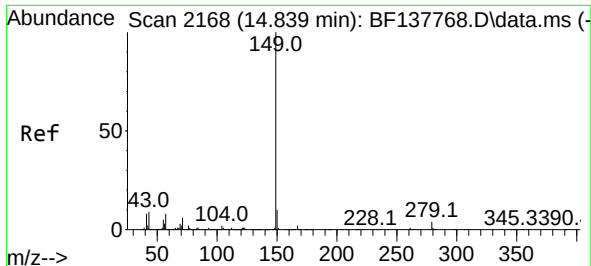
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 60.601 ng
RT: 14.204 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

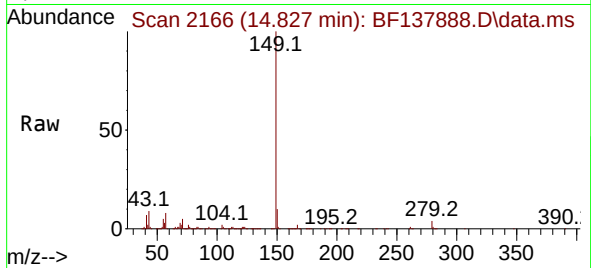
Tgt Ion:149 Resp: 564200
Ion Ratio Lower Upper
149 100
167 28.7 22.4 33.6
279 5.7 3.6 5.4#





#85
Di-n-octyl phthalate
Concen: 70.214 ng
RT: 14.827 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

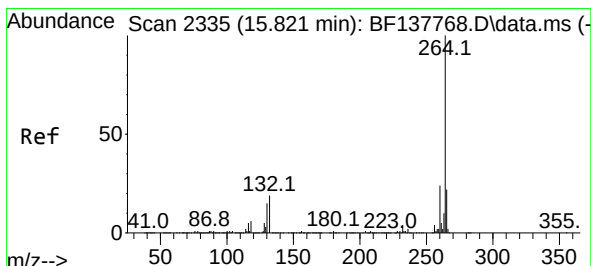
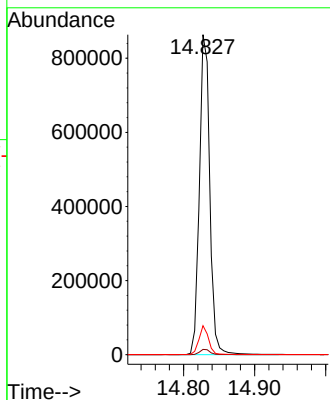
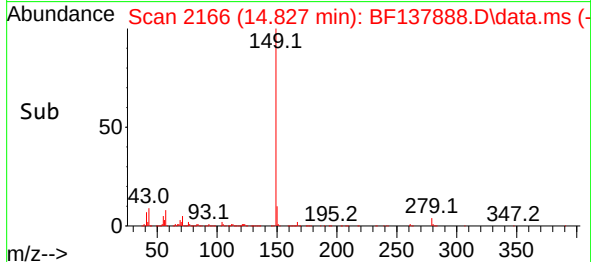
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD



Tgt Ion:149 Resp: 87975
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.4 7.5 11.3

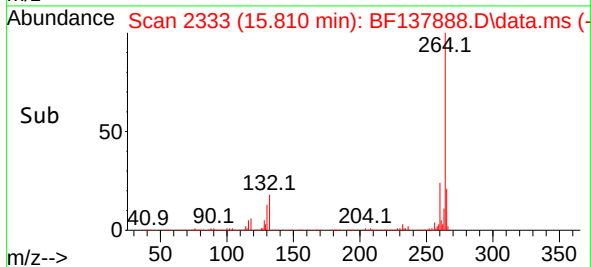
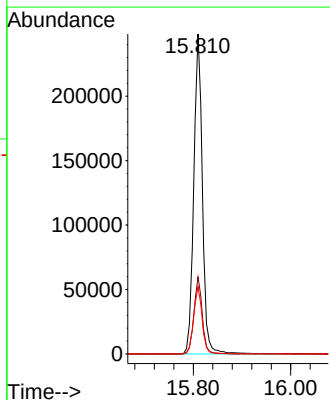
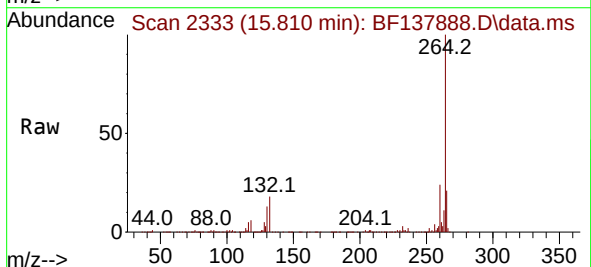
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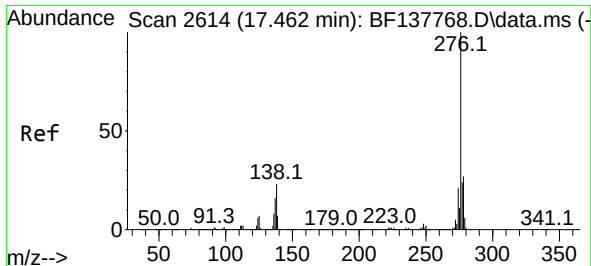
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.810 min Scan# 2333
Delta R.T. -0.012 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Tgt Ion:264 Resp: 307712
Ion Ratio Lower Upper
264 100
260 24.0 18.9 28.3
265 21.1 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 37.464 ng
RT: 17.445 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Instrument :

BNA_F

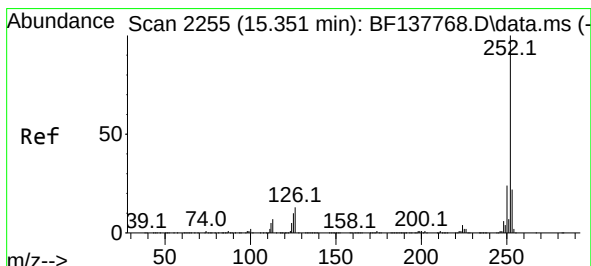
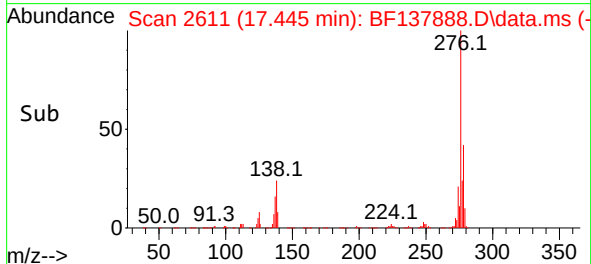
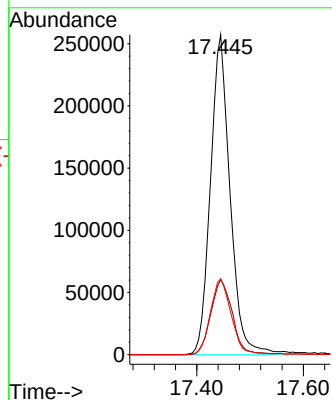
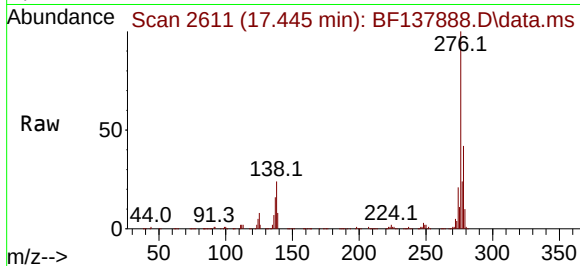
ClientSampleId :

WCS-TP-DMSD

Tgt Ion:276 Resp: 65540
Ion Ratio Lower Upper
276 100
138 25.8 21.4 32.0
277 25.1 20.1 30.1

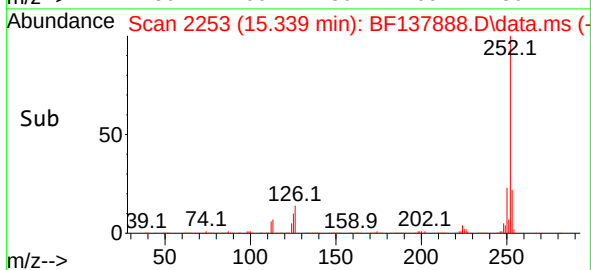
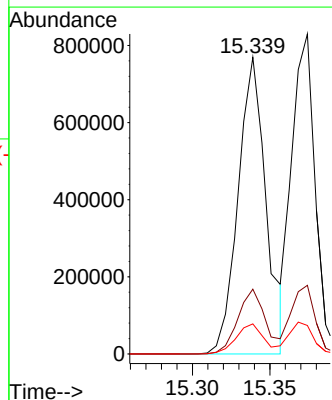
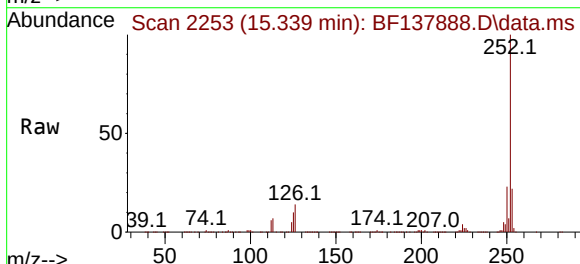
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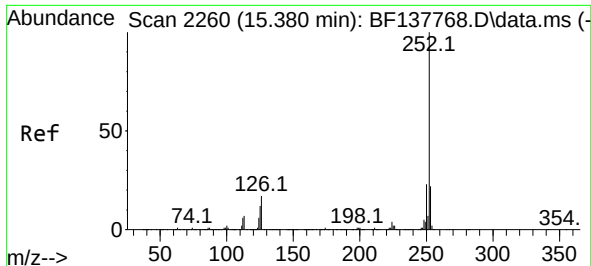
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#88
Benzo(b)fluoranthene
Concen: 50.427 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Tgt Ion:252 Resp: 965426
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.1 7.9 11.9





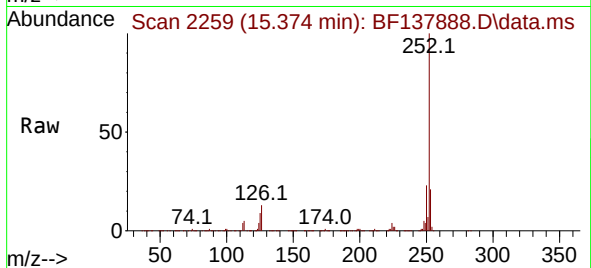
#89
Benzo(k)fluoranthene
Concen: 47.579 ng m
RT: 15.374 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMSD



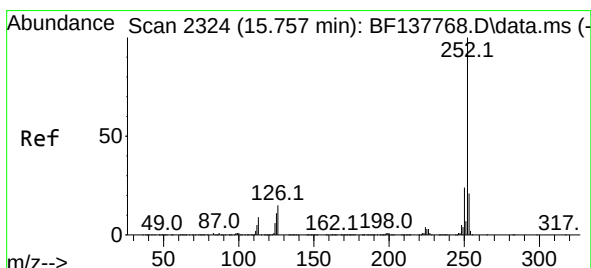
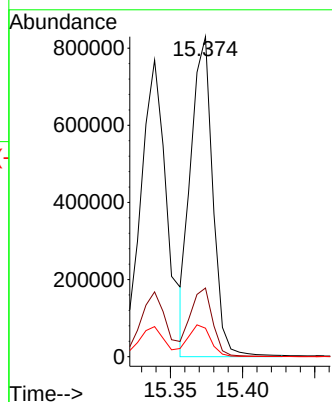
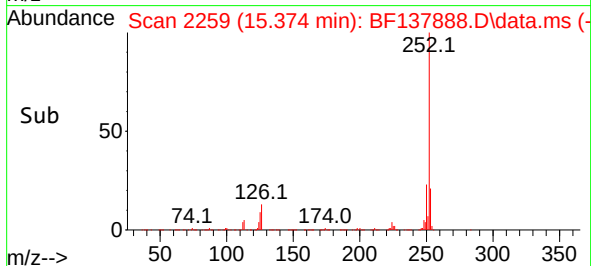
Tgt Ion:252 Resp: 880418
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 8.9 9.0 13.4

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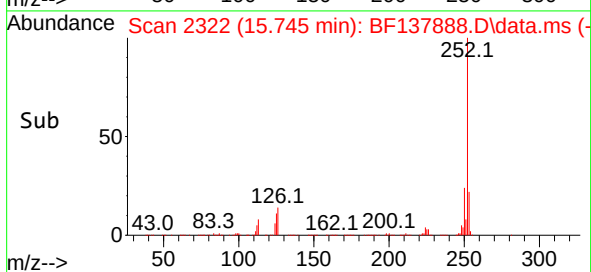
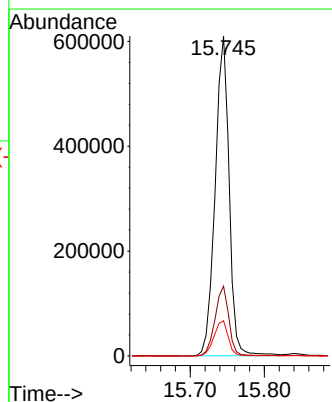
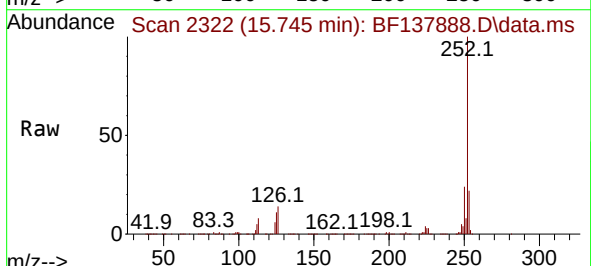
Reviewed By :Yogesh Patel 05/13/2024

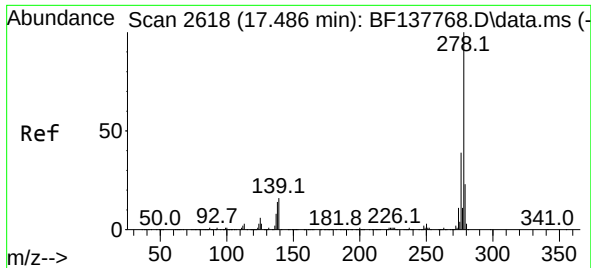
Supervised By :mohammad ahmed 05/13/2024



#90
Benzo(a)pyrene
Concen: 51.082 ng
RT: 15.745 min Scan# 2322
Delta R.T. -0.012 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

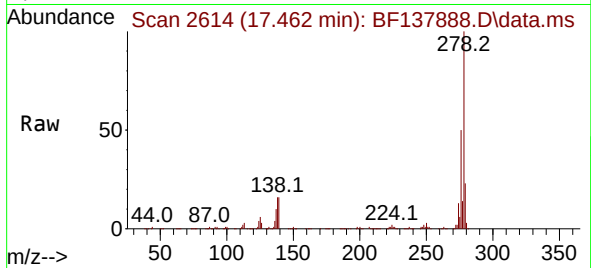
Tgt Ion:252 Resp: 797850
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 11.0 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 37.021 ng
RT: 17.462 min Scan# 2614
Delta R.T. -0.024 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

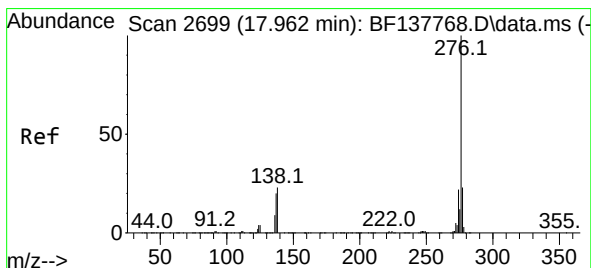
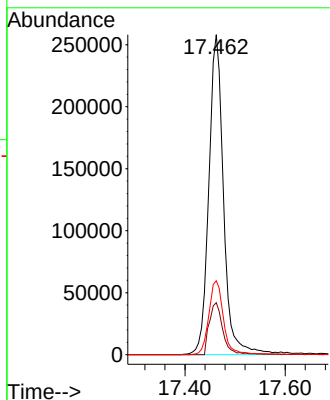
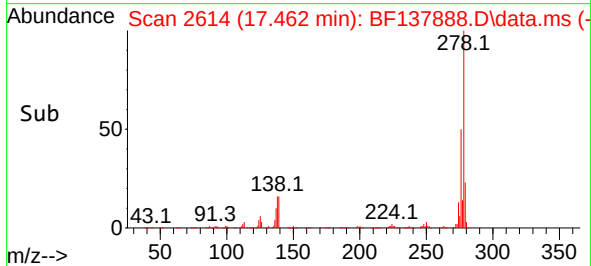
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMSD



Tgt Ion:278 Resp: 527170
Ion Ratio Lower Upper
278 100
139 16.3 13.0 19.6
279 23.1 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#92
Benzo(g,h,i)perylene
Concen: 32.861 ng
RT: 17.939 min Scan# 2695
Delta R.T. -0.024 min
Lab File: BF137888.D
Acq: 10 May 2024 18:52

Tgt Ion:276 Resp: 490550
Ion Ratio Lower Upper
276 100
277 23.4 18.0 27.0
138 21.5 18.1 27.1

