

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137887.D
 Acq On : 10 May 2024 18:22
 Operator : CG\JU
 Sample : P2422-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024

Quant Time: May 11 00:40:21 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	147353	20.000	ng	0.00
21) Naphthalene-d8	8.333	136	581275	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	322848	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	496394	20.000	ng	0.00
76) Chrysene-d12	14.245	240	261427	20.000	ng	# 0.00
86) Perylene-d12	15.809	264	243996	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	1049682	119.269	ng	0.02
7) Phenol-d6	6.669	99	1234267	110.566	ng	0.00
23) Nitrobenzene-d5	7.616	82	858881	85.845	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	431284	130.836	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1780327	89.464	ng	-0.01
79) Terphenyl-d14	13.180	244	1463080	93.790	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	145166	36.629	ng	# 85
3) Pyridine	3.840	79	238839	24.901	ng	97
4) n-Nitrosodimethylamine	3.792	42	173069	40.070	ng	94
6) Aniline	6.716	93	83684	7.563	ng	97
8) 2-Chlorophenol	6.833	128	428367	44.663	ng	99
9) Benzaldehyde	6.604	77	108422	18.035	ng	99
10) Phenol	6.681	94	442206	38.659	ng	97
11) bis(2-Chloroethyl)ether	6.781	93	379223	42.341	ng	99
12) 1,3-Dichlorobenzene	6.992	146	444664	41.113	ng	98
13) 1,4-Dichlorobenzene	7.069	146	456322	42.048	ng	99
14) 1,2-Dichlorobenzene	7.222	146	433578	42.418	ng	98
15) Benzyl Alcohol	7.186	79	296211	38.370	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.316	45	485946	38.600	ng	96
17) 2-Methylphenol	7.292	107	349603	45.173	ng	97
18) Hexachloroethane	7.563	117	153847	41.934	ng	97
19) n-Nitroso-di-n-propyla...	7.457	70	284413	42.633	ng	96
20) 3+4-Methylphenols	7.439	107	437251	42.944	ng	96
22) Acetophenone	7.457	105	592724	45.339	ng	99
24) Nitrobenzene	7.633	77	431337	41.830	ng	96
25) Isophorone	7.869	82	799313	44.310	ng	98
26) 2-Nitrophenol	7.945	139	231793	49.639	ng	92
27) 2,4-Dimethylphenol	7.975	122	318044	47.310	ng	96
28) bis(2-Chloroethoxy)met...	8.075	93	472572	43.267	ng	99
29) 2,4-Dichlorophenol	8.186	162	375961	46.269	ng	98
30) 1,2,4-Trichlorobenzene	8.275	180	387635	43.761	ng	99
31) Naphthalene	8.357	128	1261107	43.657	ng	100
32) Benzoic acid	8.080	122	240752	41.512	ng	95
33) 4-Chloroaniline	8.404	127	17830	1.665	ng	# 96
34) Hexachlorobutadiene	8.469	225	229744	42.245	ng	99
35) Caprolactam	8.769	113	103492m	40.198	ng	
36) 4-Chloro-3-methylphenol	8.874	107	393240	46.407	ng	95
37) 2-Methylnaphthalene	9.051	142	847292	45.313	ng	100
38) 1-Methylnaphthalene	9.151	142	787019	42.782	ng	100
40) 1,2,4,5-Tetrachloroben...	9.216	216	401519	46.957	ng	99
41) Hexachlorocyclopentadiene	9.198	237	401384	115.568	ng	100
43) 2,4,6-Trichlorophenol	9.322	196	267932	46.032	ng	99

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Quant Time: May 11 00:40:21 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M

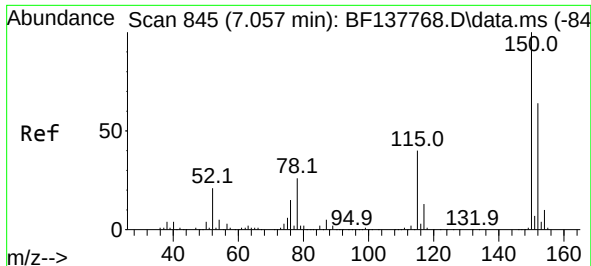
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed May 01 03:25:08 2024

Response via : Initial Calibration

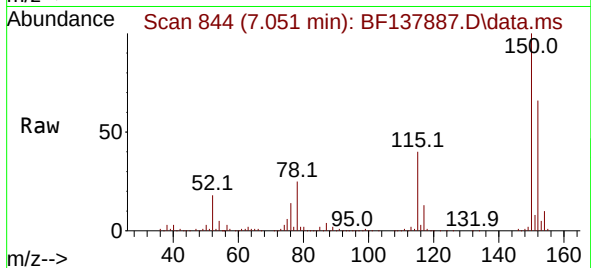
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	295975	46.051	ng	95
46) 1,1'-Biphenyl	9.516	154	1037997	46.848	ng	98
47) 2-Chloronaphthalene	9.545	162	812679	45.432	ng	99
48) 2-Nitroaniline	9.633	65	209583	43.201	ng	98
49) Acenaphthylene	9.963	152	1274322	49.247	ng	100
50) Dimethylphthalate	9.810	163	1008778	49.496	ng	100
51) 2,6-Dinitrotoluene	9.874	165	224353	48.168	ng	96
52) Acenaphthene	10.133	154	836987	48.798	ng	99
53) 3-Nitroaniline	10.039	138	20342	4.171	ng	92
54) 2,4-Dinitrophenol	10.151	184	197825	86.439	ng	94
55) Dibenzofuran	10.304	168	1154869	46.269	ng	99
56) 4-Nitrophenol	10.192	139	224419	55.514	ng	97
57) 2,4-Dinitrotoluene	10.280	165	286337	47.056	ng	95
58) Fluorene	10.651	166	904118	45.514	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.416	232	241599	46.302	ng	99
60) Diethylphthalate	10.510	149	928064	47.945	ng	99
61) 4-Chlorophenyl-phenyle...	10.639	204	452242	46.204	ng	98
62) 4-Nitroaniline	10.663	138	131918	26.664	ng	97
63) Azobenzene	10.798	77	819258	43.791	ng	96
65) 4,6-Dinitro-2-methylph...	10.686	198	145835	51.186	ng	91
66) n-Nitrosodiphenylamine	10.757	169	587305	39.525	ng	99
67) 4-Bromophenyl-phenylether	11.133	248	275891	51.932	ng	96
68) Hexachlorobenzene	11.198	284	296453	51.064	ng	95
69) Atrazine	11.274	200	118210	26.091	ng	100
70) Pentachlorophenol	11.392	266	325014	81.544	ng	97
71) Phenanthrene	11.621	178	1180747	48.801	ng	98
72) Anthracene	11.668	178	1194085	49.601	ng	99
73) Carbazole	11.821	167	728149	31.384	ng	99
74) Di-n-butylphthalate	12.139	149	1289277	50.942	ng	99
75) Fluoranthene	12.810	202	994405	37.599	ng	99
78) Pyrene	13.045	202	971472	46.868	ng	98
80) Butylbenzylphthalate	13.645	149	358449	54.503	ng	98
81) Benzo(a)anthracene	14.233	228	838719	50.161	ng	99
82) 3,3'-Dichlorobenzidine	14.192	252	12478	2.493	ng	93
83) Chrysene	14.268	228	802679	51.270	ng	98
84) Bis(2-ethylhexyl)phtha...	14.198	149	484449	58.449	ng	99
85) Di-n-octyl phthalate	14.827	149	799199	71.647	ng	97
87) Indeno(1,2,3-cd)pyrene	17.445	276	575838	41.511	ng	98
88) Benzo(b)fluoranthene	15.339	252	774021	50.987	ng	100
89) Benzo(k)fluoranthene	15.368	252	804990	54.863	ng	100
90) Benzo(a)pyrene	15.745	252	669246	54.037	ng	99
91) Dibenzo(a,h)anthracene	17.462	278	459908	40.731	ng	97
92) Benzo(g,h,i)perylene	17.939	276	420111	35.492	ng	99

(#) = 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: BF137887.D
Acq: 10 May 2024 18:22

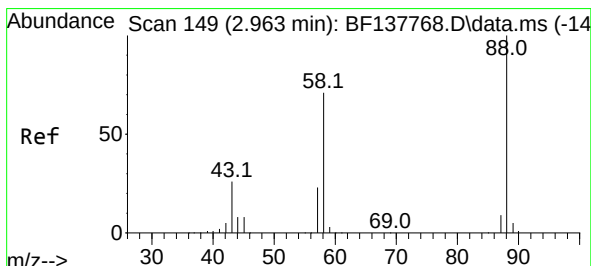
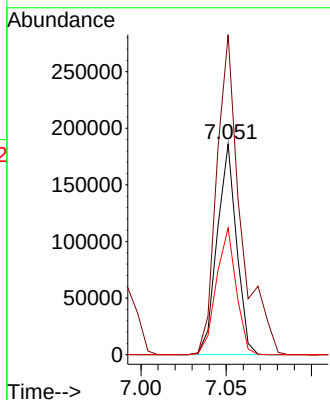
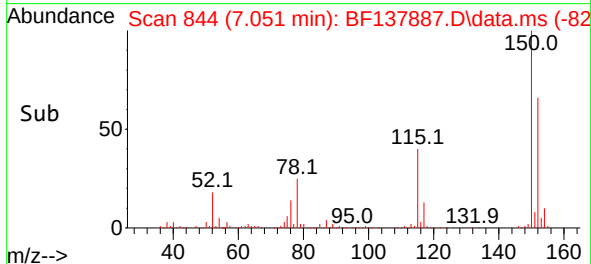
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS



Tgt Ion:152 Resp: 14735
Ion Ratio Lower Upper
152 100
150 151.9 124.1 186.1
115 60.1 49.1 73.7

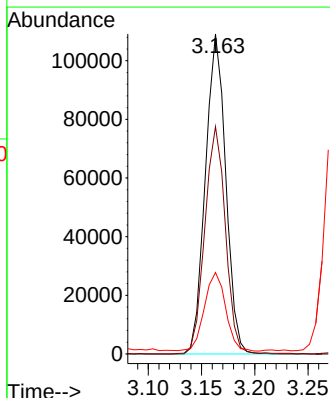
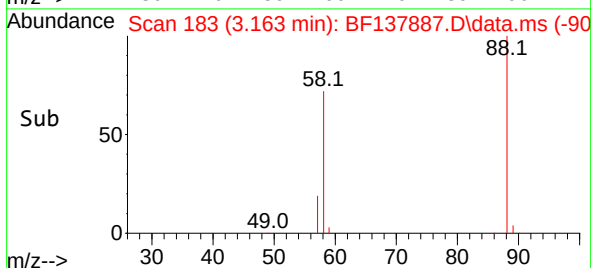
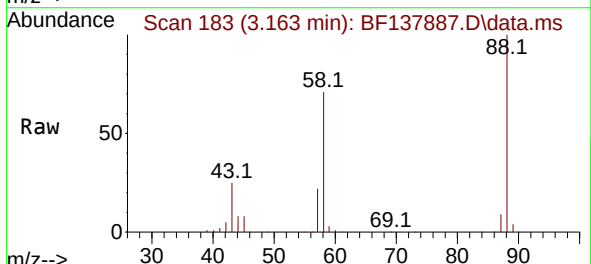
Manual Integrations
APPROVED

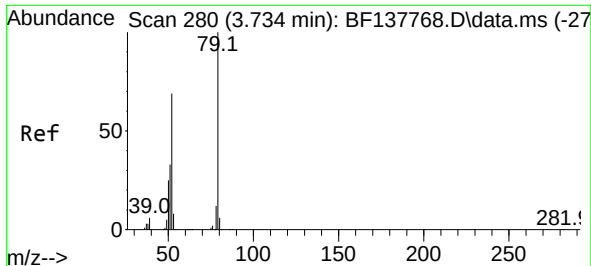
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#2
1,4-Dioxane
Concen: 36.629 ng
RT: 3.163 min Scan# 183
Delta R.T. 0.200 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion: 88 Resp: 145166
Ion Ratio Lower Upper
88 100
58 71.7 58.8 88.2
43 0.0 21.4 32.0#





#3
Pyridine
Concen: 24.901 ng
RT: 3.840 min Scan# 298
Delta R.T. 0.106 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

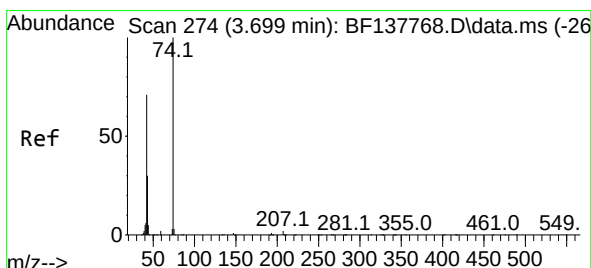
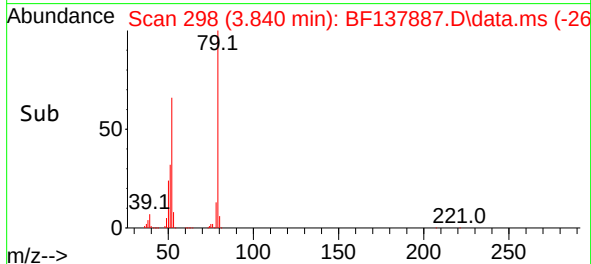
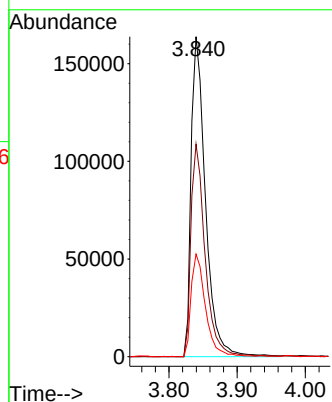
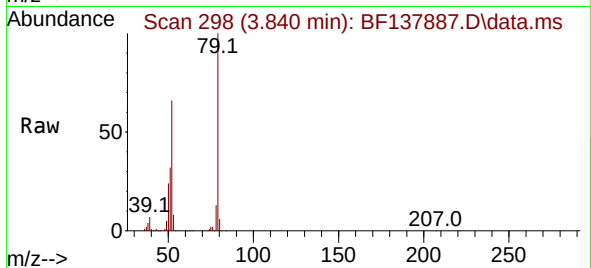
WCS-TP-DMS

Tgt Ion: 79 Resp: 238839
Ion Ratio Lower Upper
79 100
52 66.4 55.5 83.3
51 32.1 26.9 40.3

Manual Integrations

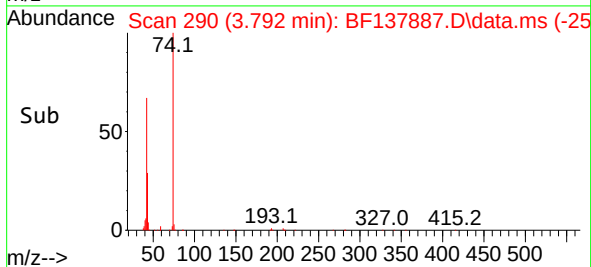
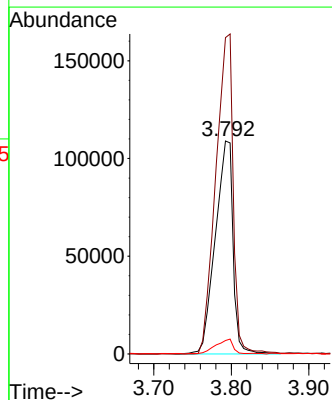
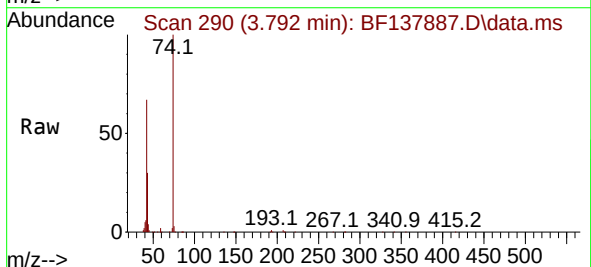
APPROVED

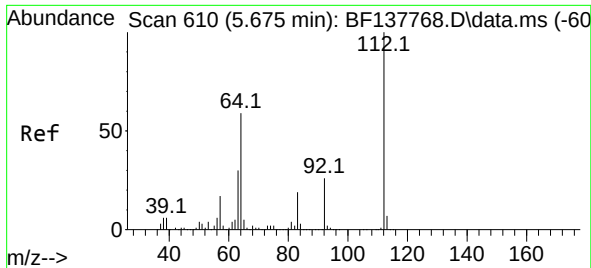
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#4
n-Nitrosodimethylamine
Concen: 40.070 ng
RT: 3.792 min Scan# 290
Delta R.T. 0.094 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion: 42 Resp: 173069
Ion Ratio Lower Upper
42 100
74 148.5 112.9 169.3
44 6.3 5.6 8.4





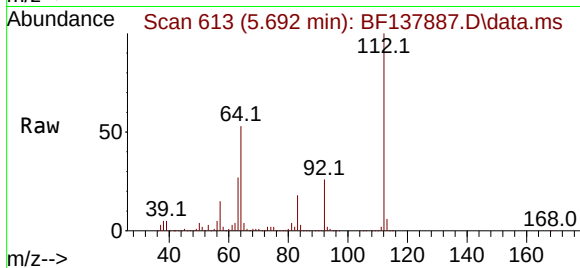
#5
2-Fluorophenol
Concen: 119.269 ng
RT: 5.692 min Scan# 610
Delta R.T. 0.017 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

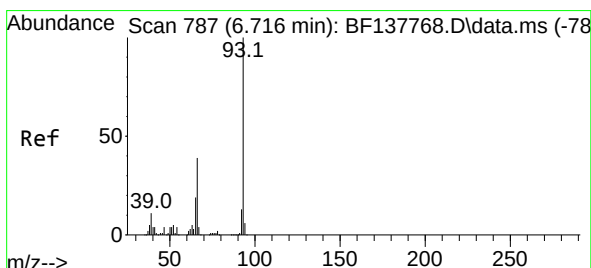
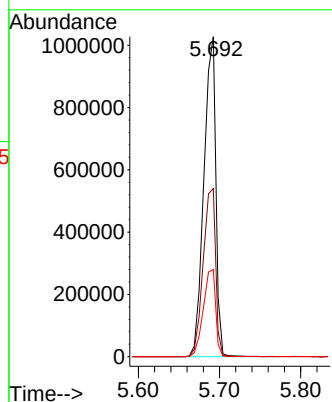
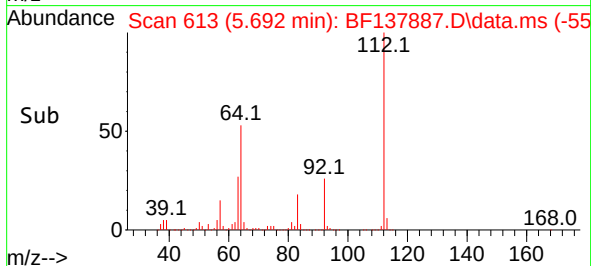


Tgt Ion:112 Resp: 104968
Ion Ratio Lower Upper
112 100
64 52.6 47.3 70.9
63 27.3 23.7 35.5

Manual Integrations

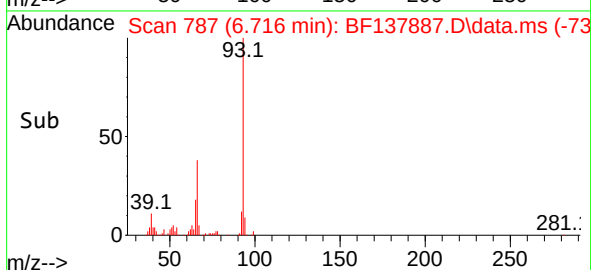
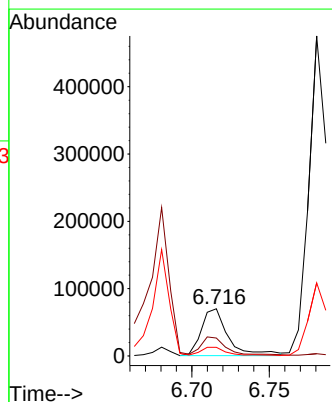
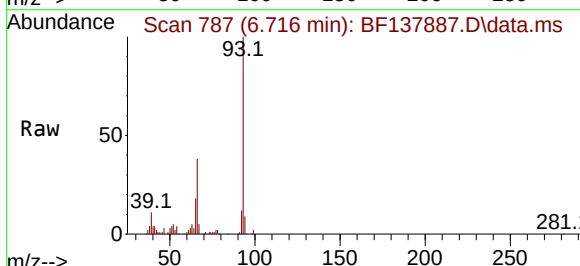
APPROVED

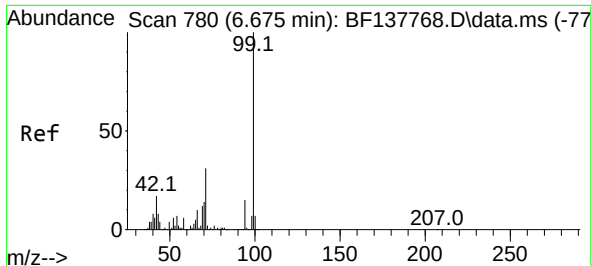
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#6
Aniline
Concen: 7.563 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion: 93 Resp: 83684
Ion Ratio Lower Upper
93 100
66 37.8 31.8 47.6
65 18.3 15.4 23.2





#7

Phenol-d6

Concen: 110.566 ng

RT: 6.669 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

Tgt Ion: 99 Resp: 123426

Ion Ratio Lower Upper

99 100

42 15.9 13.2 19.8

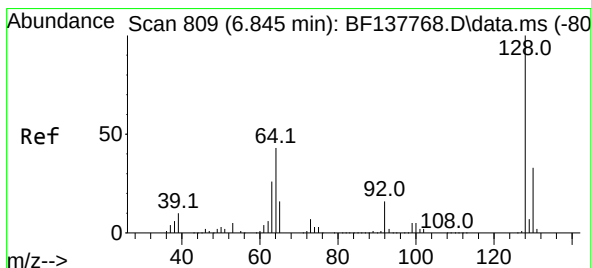
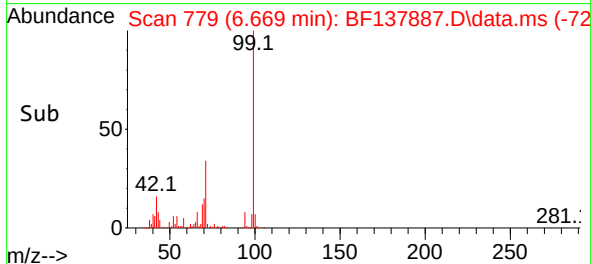
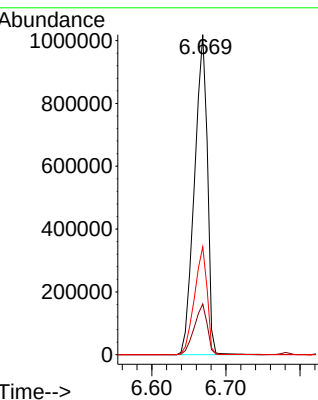
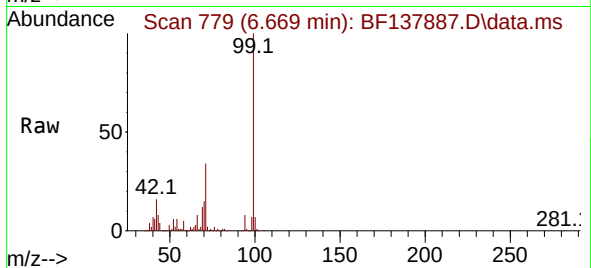
71 33.7 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#8

2-Chlorophenol

Concen: 44.663 ng

RT: 6.833 min Scan# 807

Delta R.T. -0.012 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

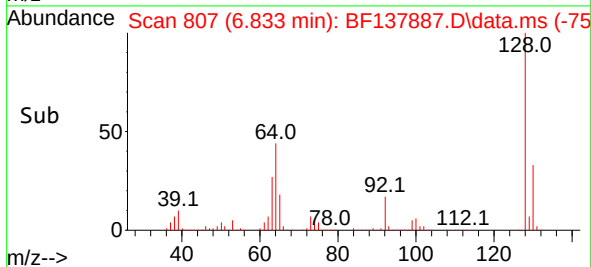
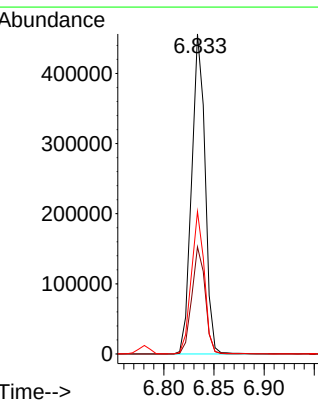
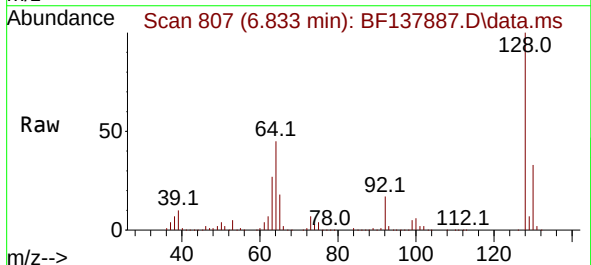
Tgt Ion:128 Resp: 428367

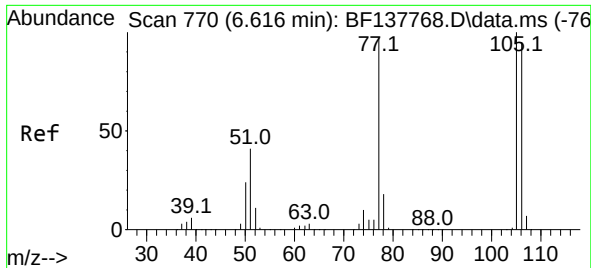
Ion Ratio Lower Upper

128 100

130 33.5 12.5 52.5

64 44.5 23.9 63.9





#9

Benzaldehyde

Concen: 18.035 ng

RT: 6.604 min Scan# 770

Delta R.T. -0.012 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

Tgt Ion: 77 Resp: 10842

Ion Ratio Lower Upper

77 100

105 101.3 83.2 123.2

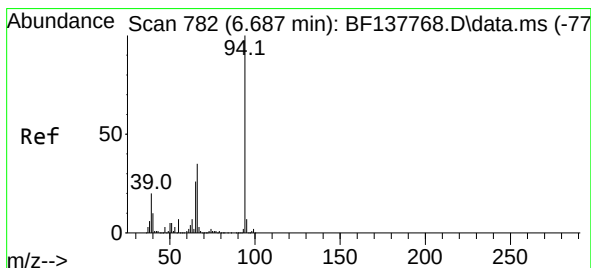
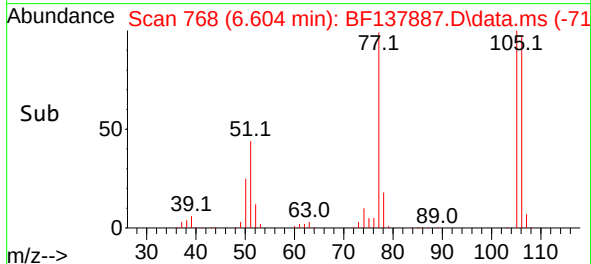
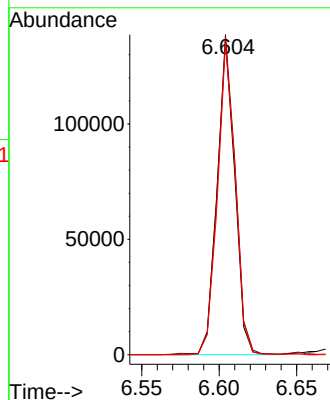
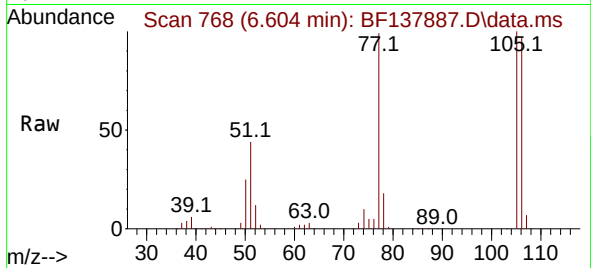
106 98.6 77.7 117.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#10

Phenol

Concen: 38.659 ng

RT: 6.681 min Scan# 781

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

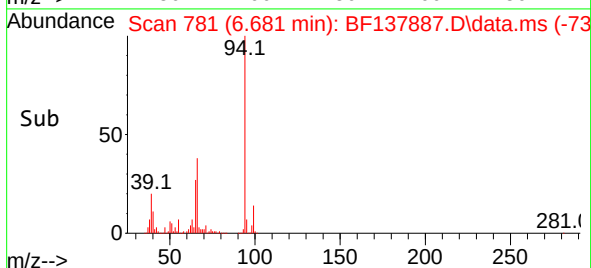
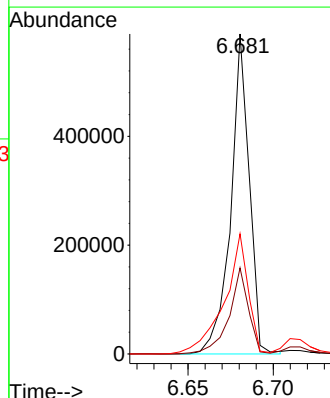
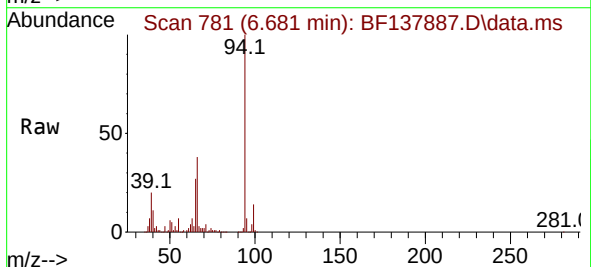
Tgt Ion: 94 Resp: 442206

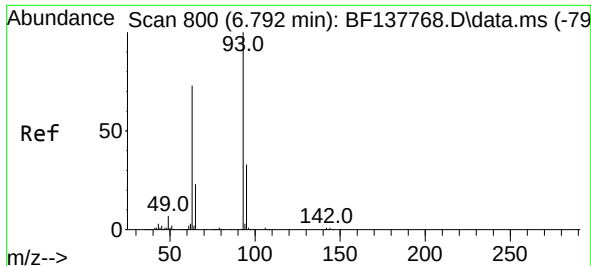
Ion Ratio Lower Upper

94 100

65 26.9 6.4 46.4

66 37.5 15.4 55.4





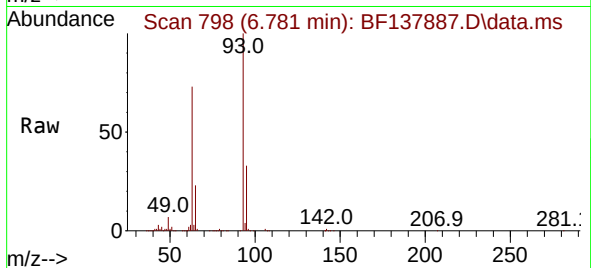
#11
bis(2-Chloroethyl)ether
Concen: 42.341 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS



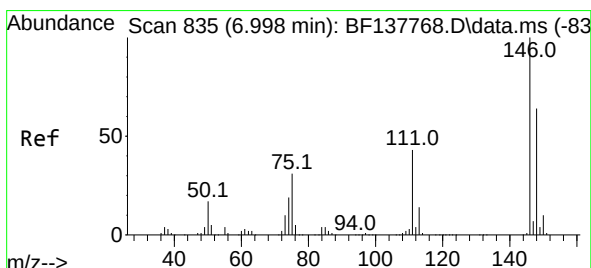
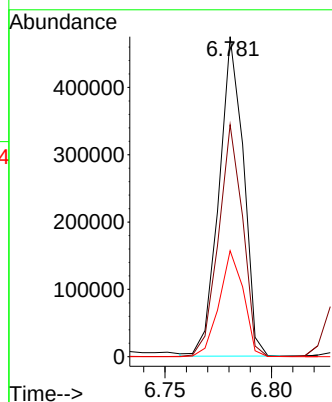
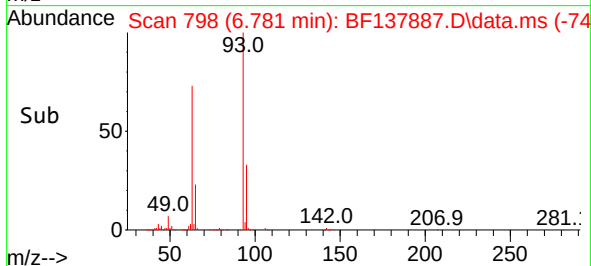
Tgt Ion: 93 Resp: 379223
Ion Ratio Lower Upper
93 100
63 72.5 51.6 91.6
95 33.1 12.1 52.1

Manual Integrations

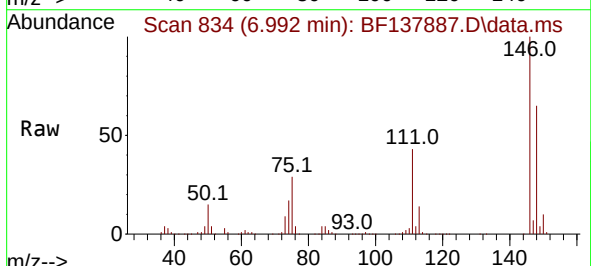
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

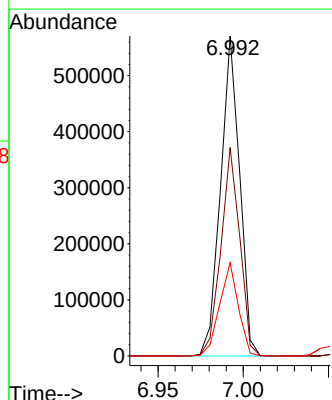
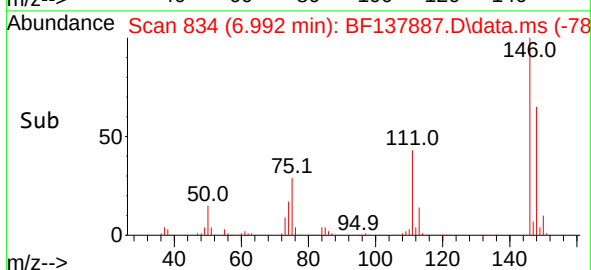
Supervised By :mohammad ahmed 05/13/2024

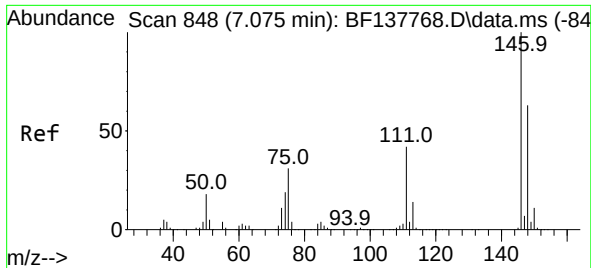


#12
1,3-Dichlorobenzene
Concen: 41.113 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22



Tgt Ion:146 Resp: 444664
Ion Ratio Lower Upper
146 100
148 65.1 51.2 76.8
75 29.1 25.1 37.7





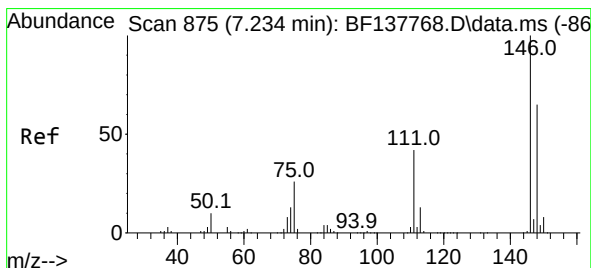
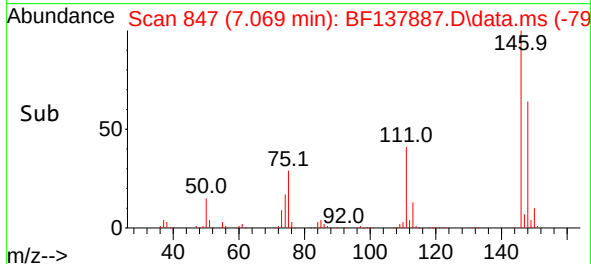
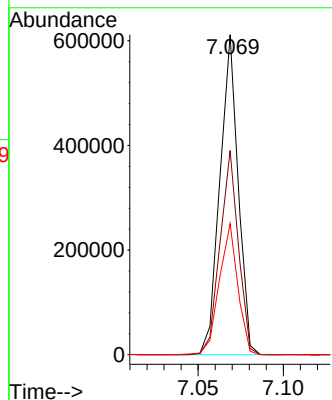
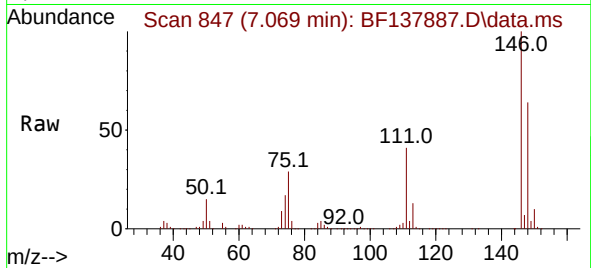
#13
1,4-Dichlorobenzene
Concen: 42.048 ng
RT: 7.069 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

Tgt Ion:146 Resp: 45632
Ion Ratio Lower Upper
146 100
148 63.8 50.7 76.1
111 40.9 33.8 50.8

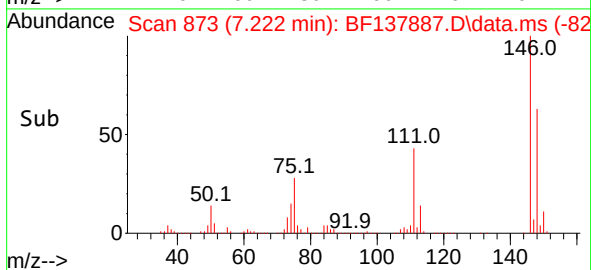
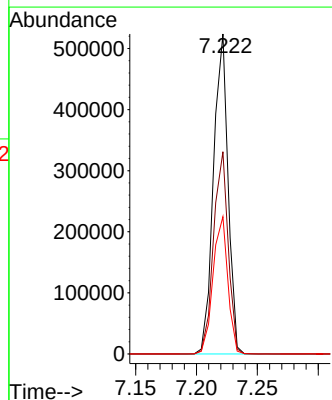
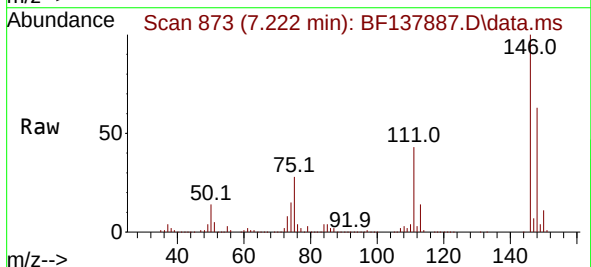
Manual Integrations
APPROVED

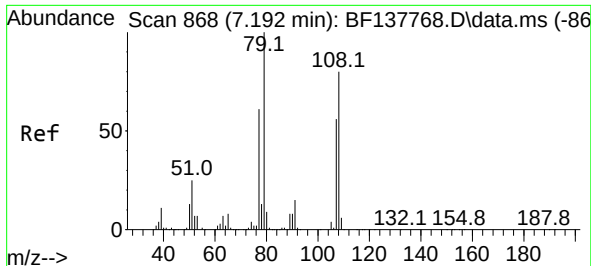
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#14
1,2-Dichlorobenzene
Concen: 42.418 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:146 Resp: 433578
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.8
111 42.9 33.6 50.4





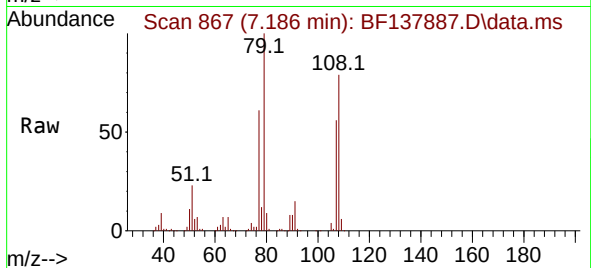
#15
Benzyl Alcohol
Concen: 38.370 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

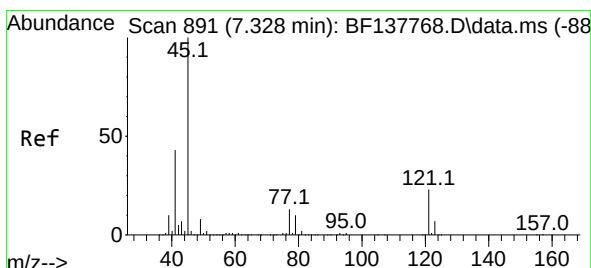
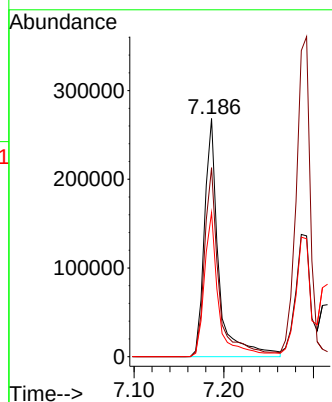
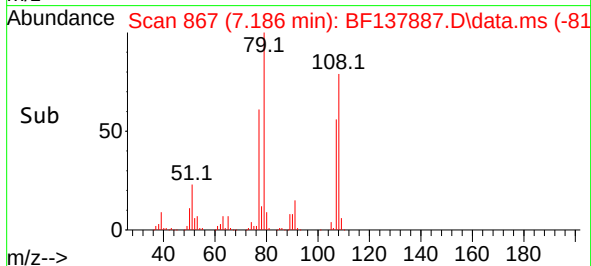


Tgt Ion: 79 Resp: 29621
Ion Ratio Lower Upper
79 100
108 79.4 64.2 96.2
77 60.5 48.5 72.7

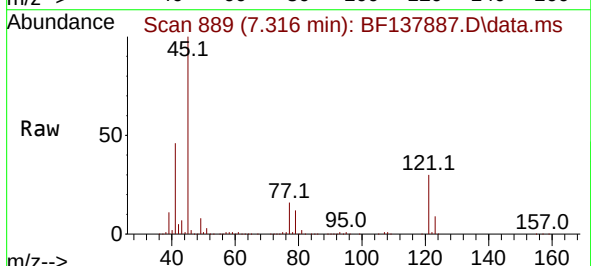
Manual Integrations

APPROVED

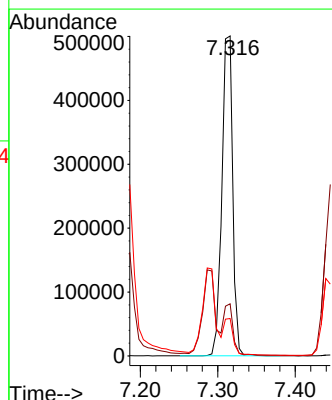
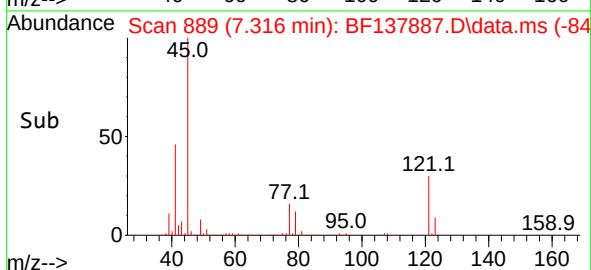
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

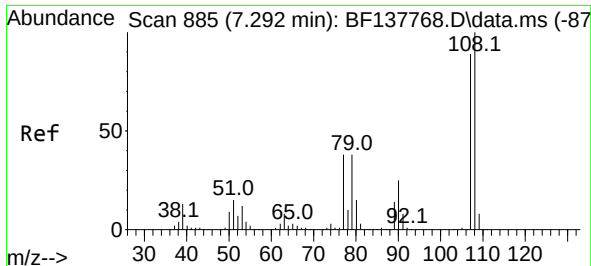


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.600 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22



Tgt Ion: 45 Resp: 485946
Ion Ratio Lower Upper
45 100
77 16.3 0.0 33.8
79 11.7 0.0 31.0





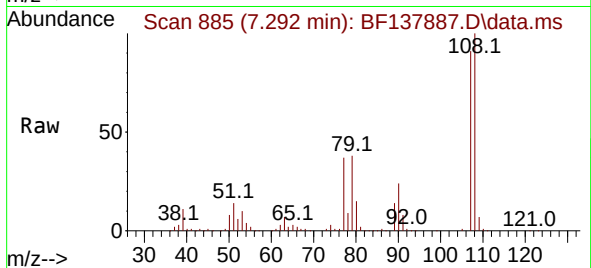
#17
2-Methylphenol
Concen: 45.173 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

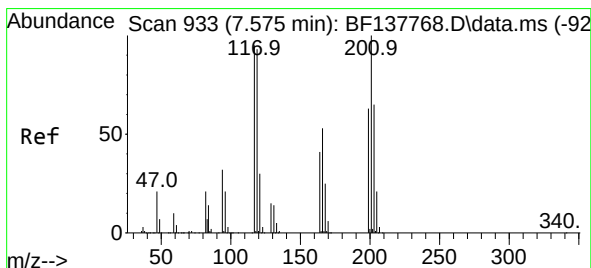
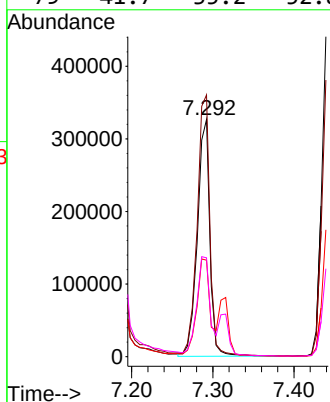
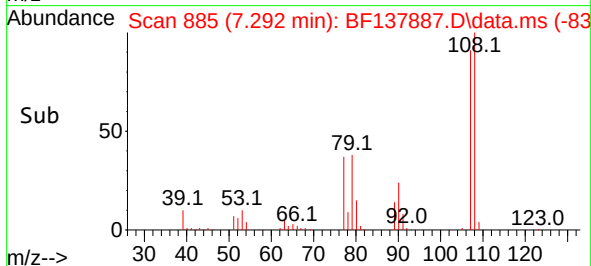


Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.4	90.5	135.7
77	40.7	34.5	51.7
79	41.7	35.2	52.8

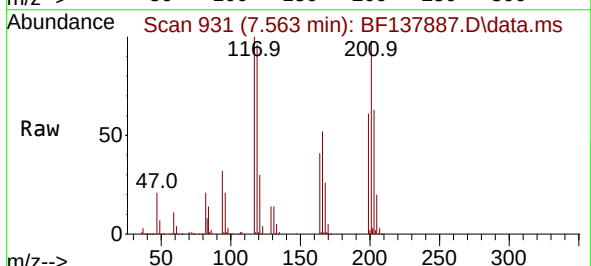
Manual Integrations

APPROVED

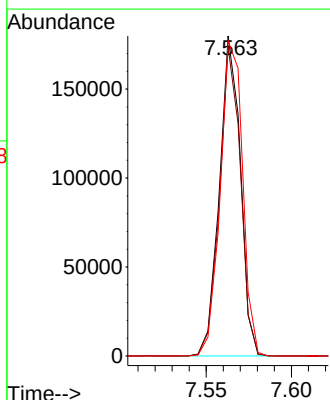
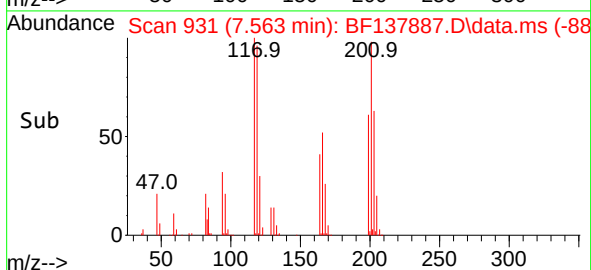
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

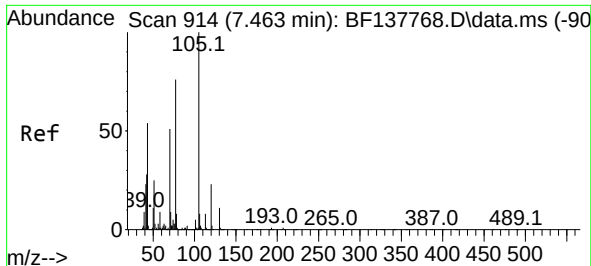


#18
Hexachloroethane
Concen: 41.934 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22



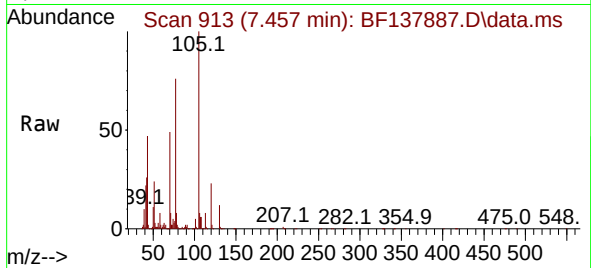
Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.6	116.4
201	98.4	83.8	125.8





#19
n-Nitroso-di-n-propylamine
Concen: 42.633 ng
RT: 7.457 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

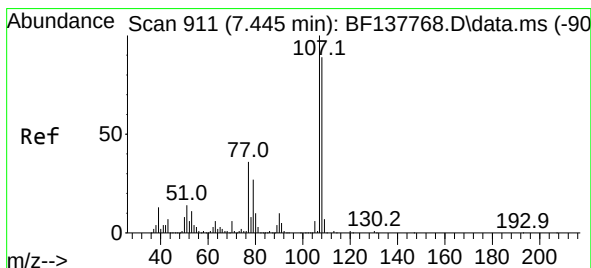
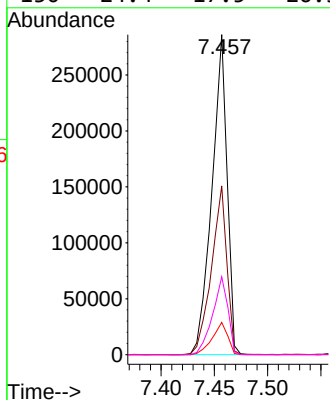
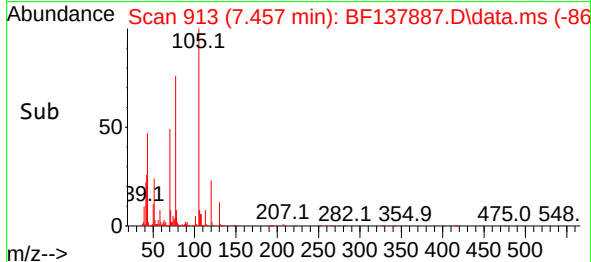
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS



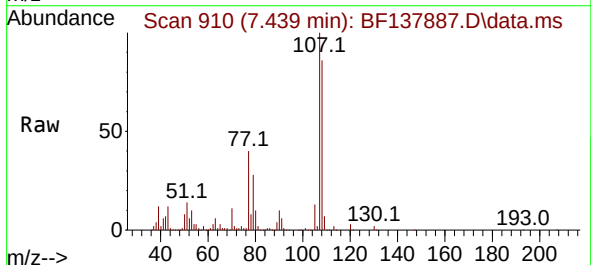
Tgt Ion: 70 Resp: 28441
Ion Ratio Lower Upper
70 100
42 52.7 44.6 66.8
101 10.1 7.8 11.6
130 24.4 17.5 26.3

Manual Integrations
APPROVED

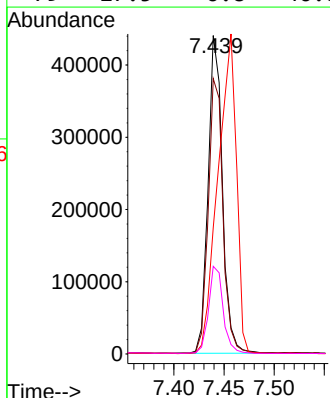
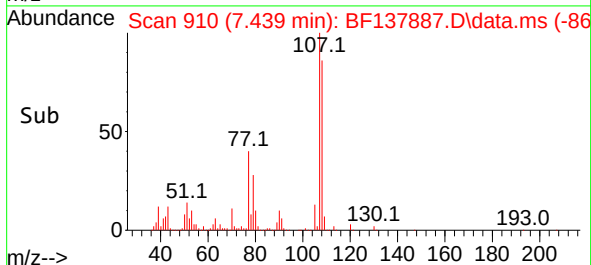
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

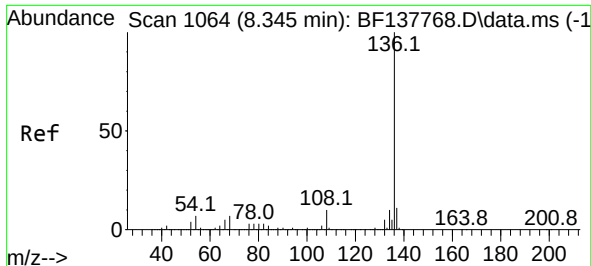


#20
3+4-Methylphenols
Concen: 42.944 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22



Tgt Ion:107 Resp: 437251
Ion Ratio Lower Upper
107 100
108 86.5 69.3 109.3
77 39.7 15.7 55.7
79 27.5 6.8 46.8





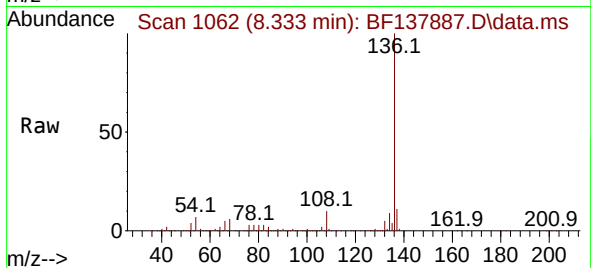
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

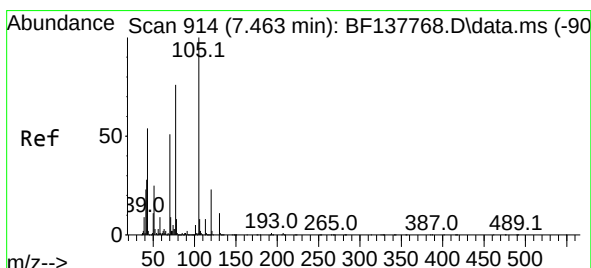
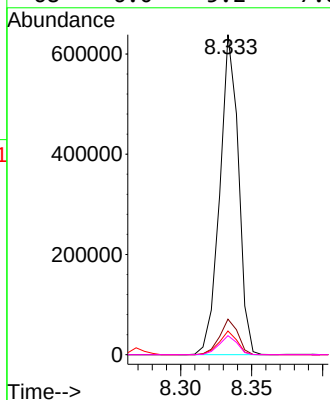
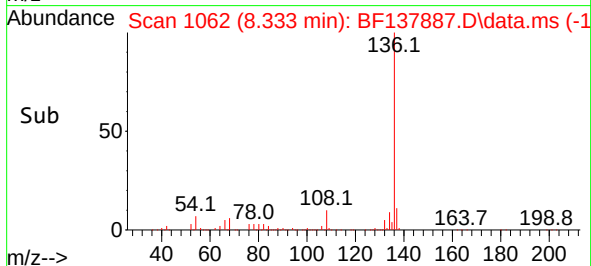


Tgt Ion:136 Resp: 581274
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.4 5.8 8.8
68 6.0 5.2 7.8

Manual Integrations

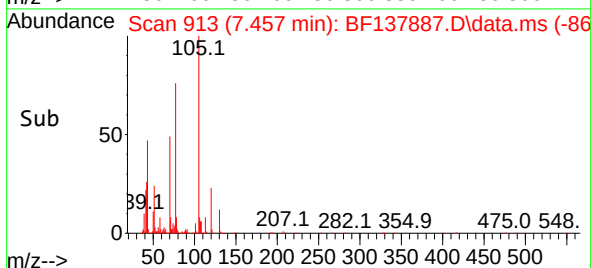
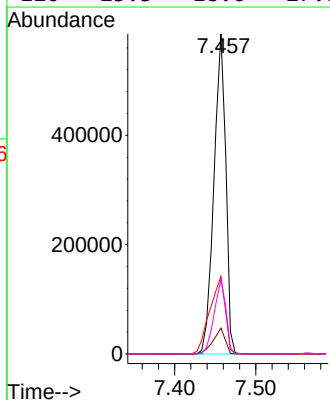
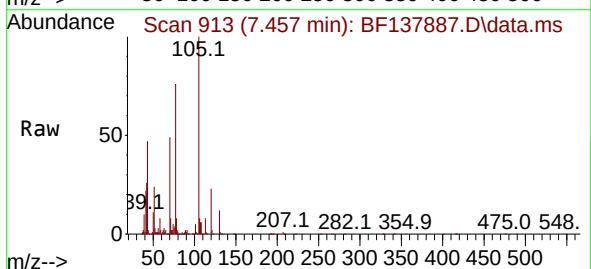
APPROVED

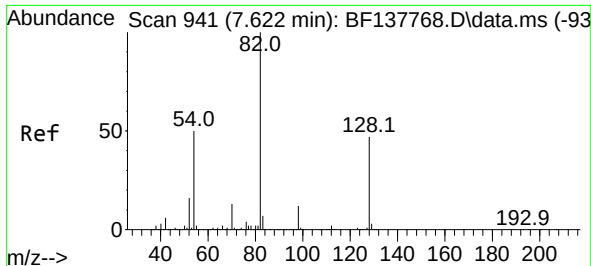
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#22
Acetophenone
Concen: 45.339 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:105 Resp: 592724
Ion Ratio Lower Upper
105 100
71 8.1 6.9 10.3
51 24.3 20.2 30.2
120 23.3 18.6 27.8





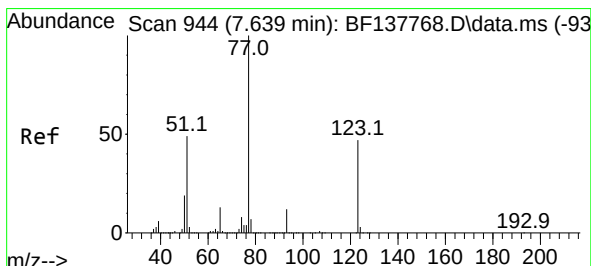
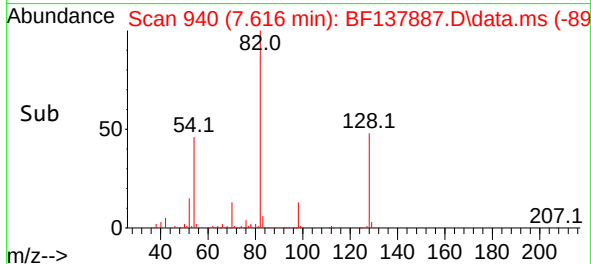
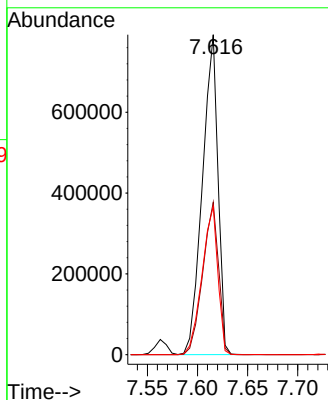
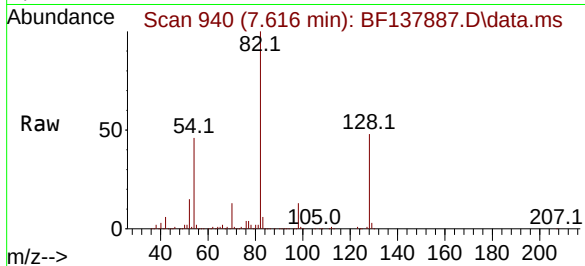
#23
Nitrobenzene-d5
Concen: 85.845 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

Tgt Ion: 82 Resp: 85888
Ion Ratio Lower Upper
82 100
128 47.6 37.5 56.3
54 46.3 39.8 59.6

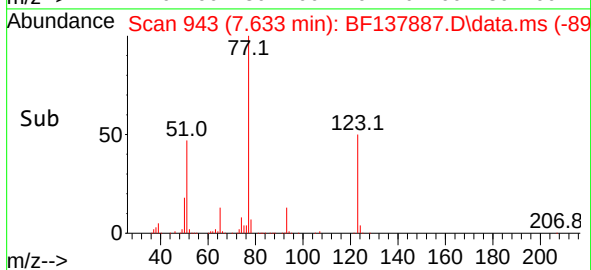
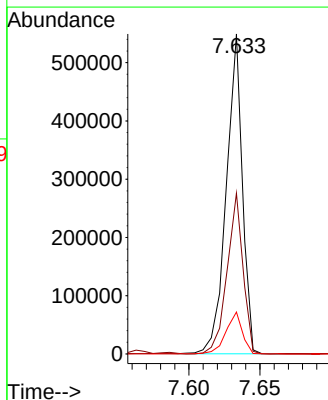
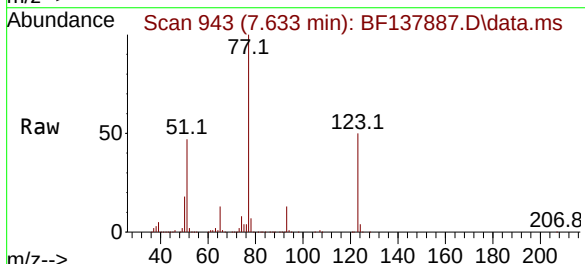
Manual Integrations
APPROVED

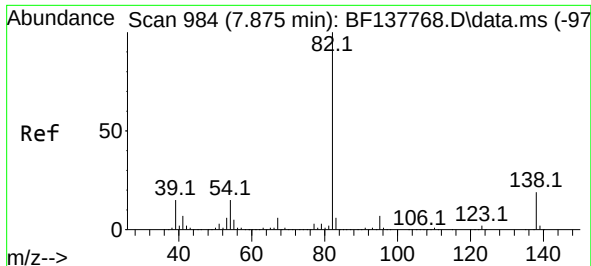
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#24
Nitrobenzene
Concen: 41.830 ng
RT: 7.633 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion: 77 Resp: 431337
Ion Ratio Lower Upper
77 100
123 50.3 37.4 56.2
65 13.1 10.7 16.1





#25
Isophorone
Concen: 44.310 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

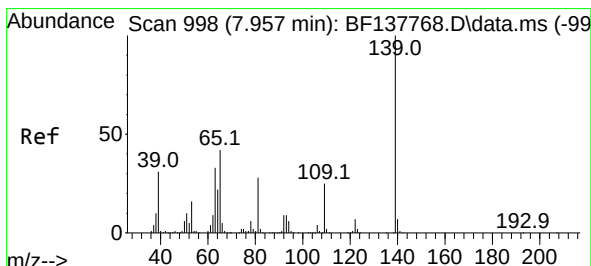
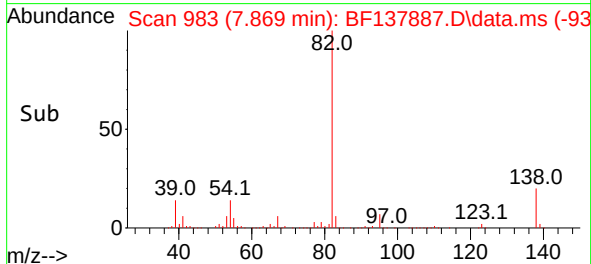
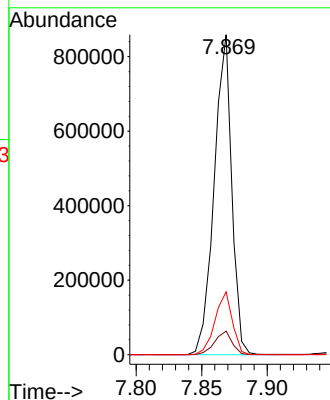
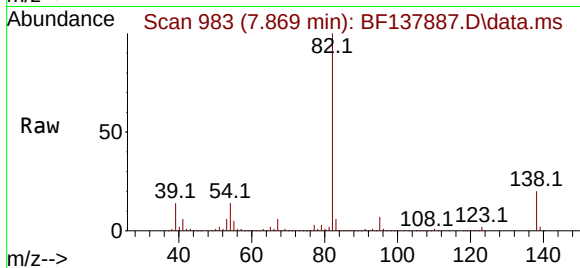
WCS-TP-DMS

Tgt Ion: 82 Resp: 79931
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 19.7 15.0 22.6

Manual Integrations

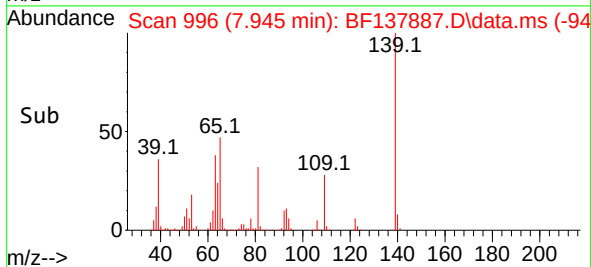
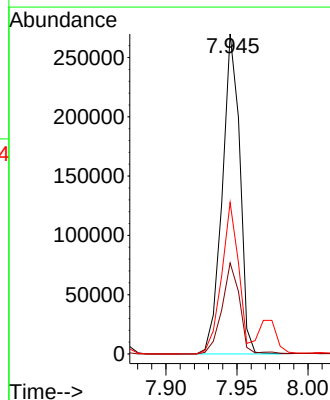
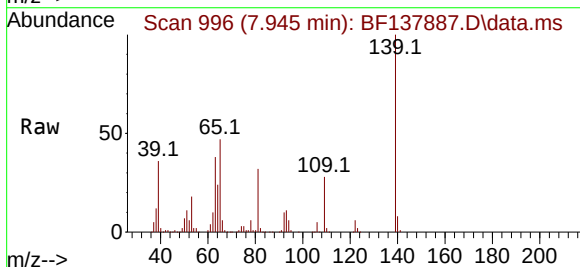
APPROVED

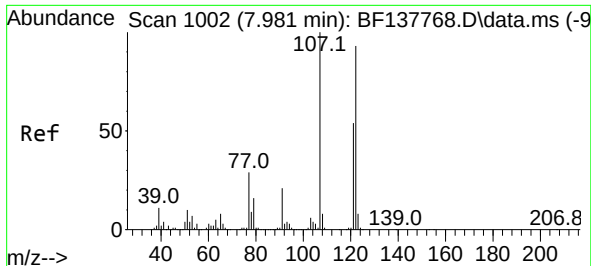
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#26
2-Nitrophenol
Concen: 49.639 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:139 Resp: 231793
Ion Ratio Lower Upper
139 100
109 28.5 20.2 30.2
65 47.4 33.4 50.0





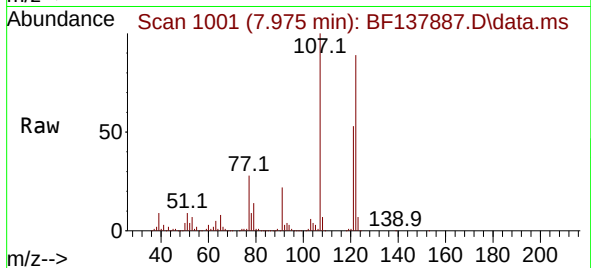
#27
2,4-Dimethylphenol
Concen: 47.310 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS



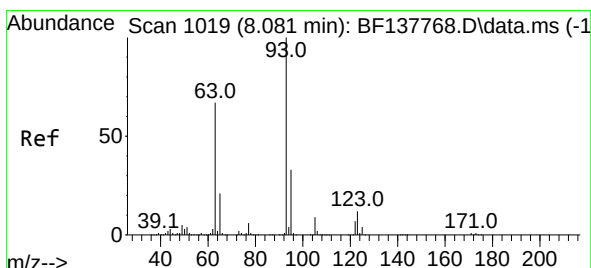
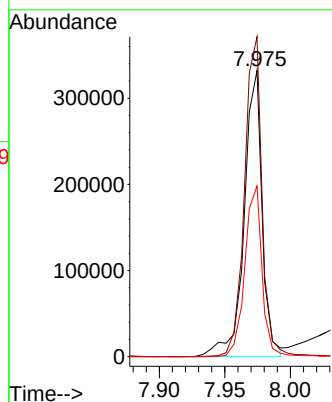
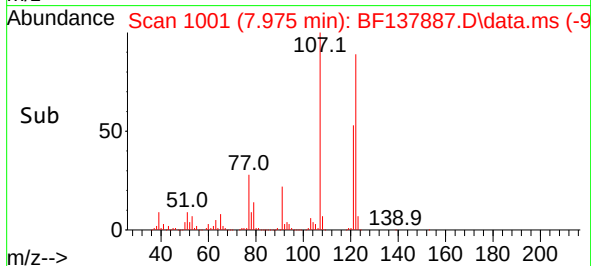
Tgt Ion:122 Resp: 318044
Ion Ratio Lower Upper
122 100
107 111.8 85.8 128.8
121 59.7 46.6 69.8

Manual Integrations

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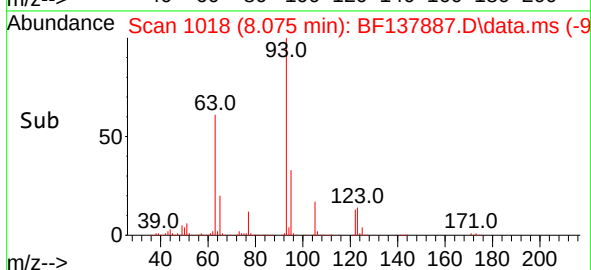
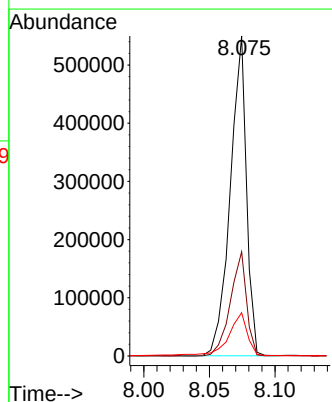
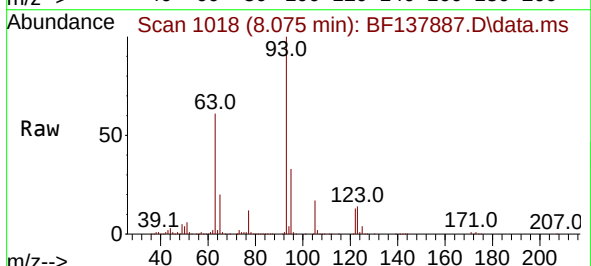
Reviewed By :Yogesh Patel 05/13/2024

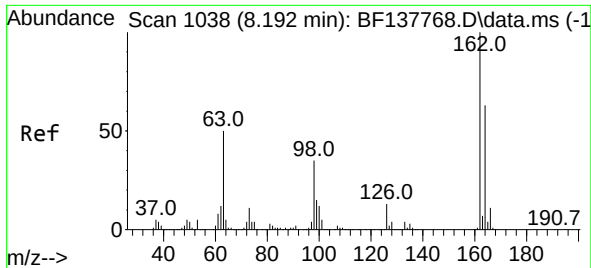
Supervised By :mohammad ahmed 05/13/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.267 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion: 93 Resp: 472572
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 13.5 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.269 ng

RT: 8.186 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

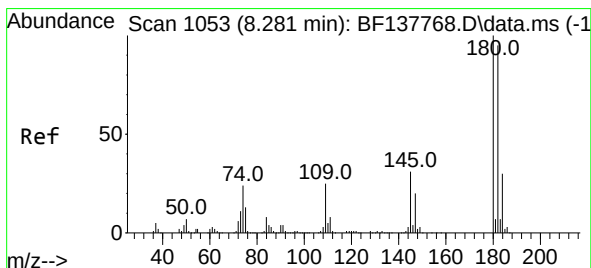
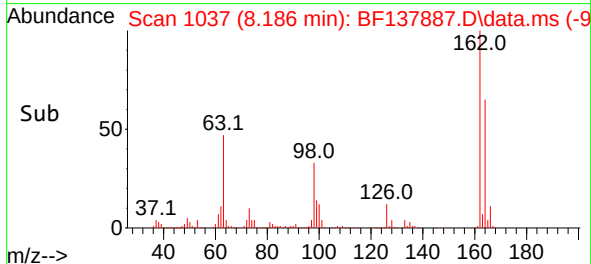
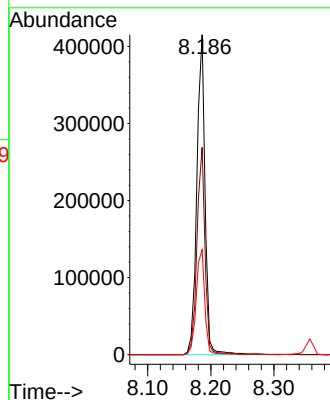
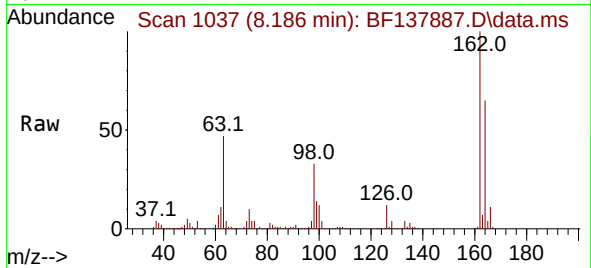
Tgt Ion:162 Resp: 37596
Ion Ratio Lower Upper
162 100
164 64.8 43.5 83.5
98 32.8 15.1 55.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.761 ng

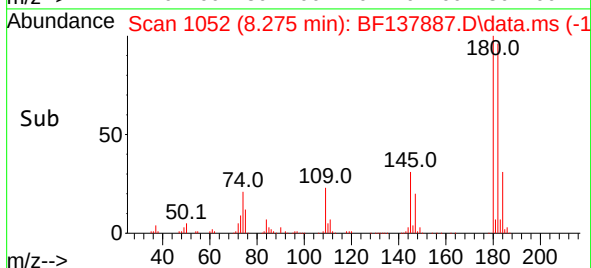
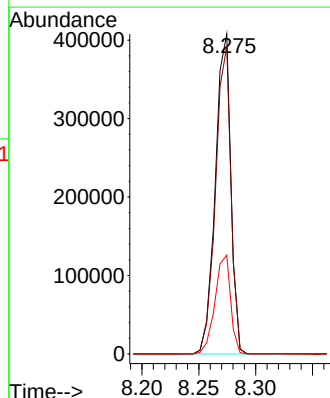
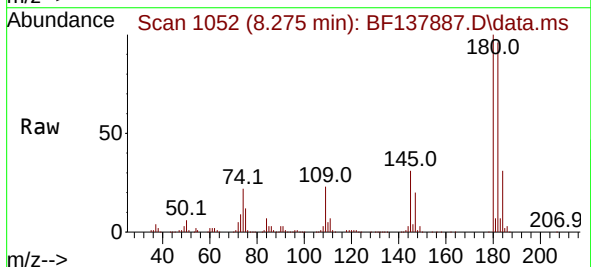
RT: 8.275 min Scan# 1052

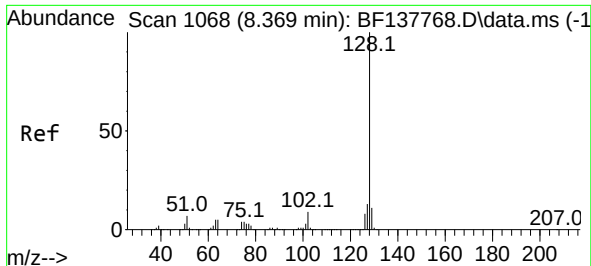
Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Tgt Ion:180 Resp: 387635
Ion Ratio Lower Upper
180 100
182 96.2 76.2 114.2
145 30.9 25.1 37.7





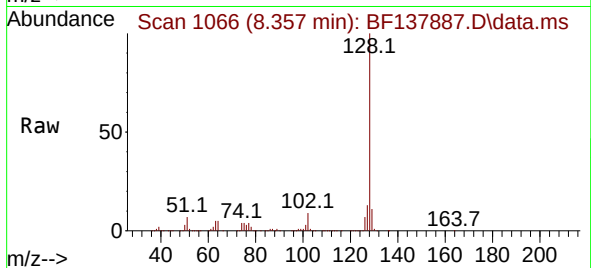
#31
Naphthalene
Concen: 43.657 ng
RT: 8.357 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS



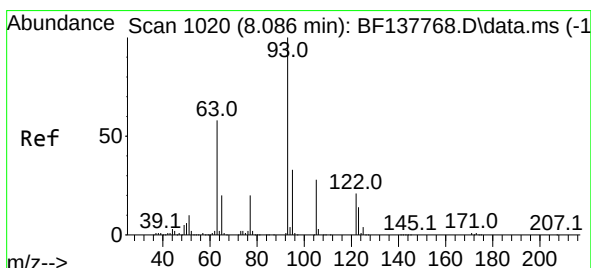
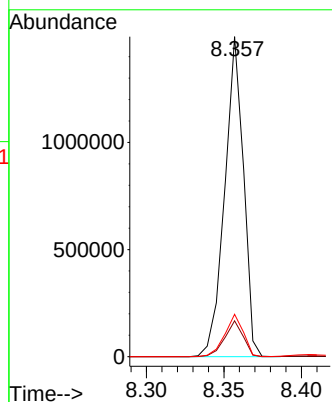
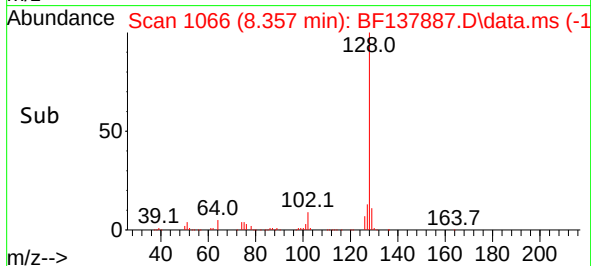
Tgt Ion:128 Resp: 126110
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.6 16.0

Manual Integrations

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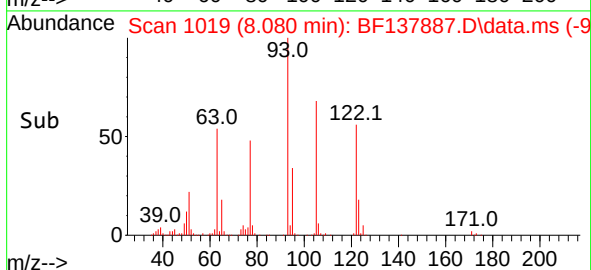
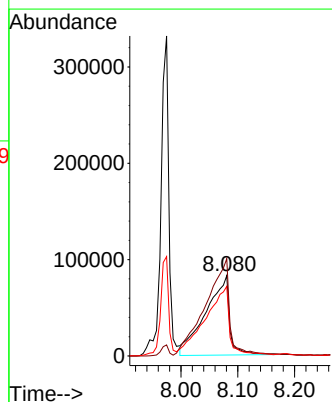
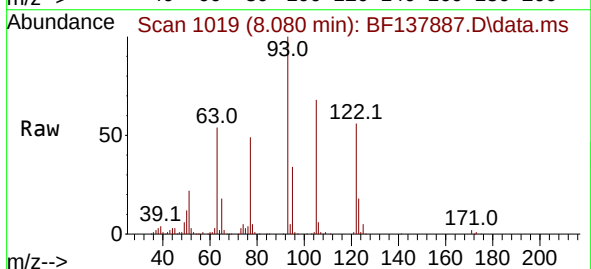
Reviewed By :Yogesh Patel 05/13/2024

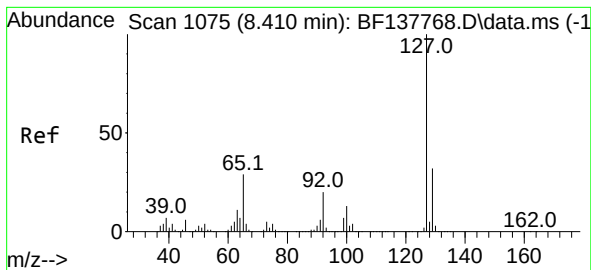
Supervised By :mohammad ahmed 05/13/2024



#32
Benzoic acid
Concen: 41.512 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:122 Resp: 240752
Ion Ratio Lower Upper
122 100
105 121.3 105.3 145.3
77 86.8 73.2 113.2





#33
4-Chloroaniline
Concen: 1.665 ng
RT: 8.404 min Scan# 1074
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

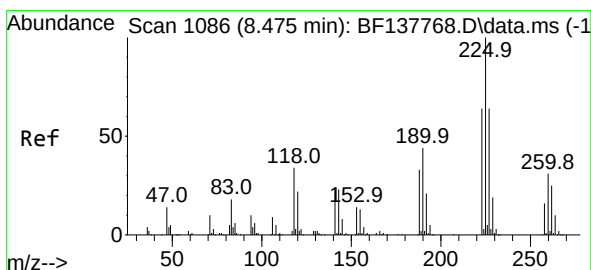
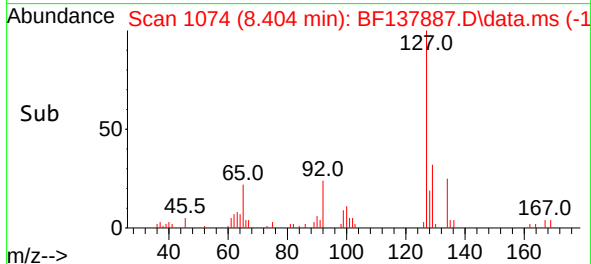
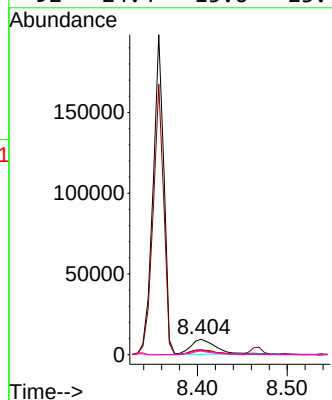
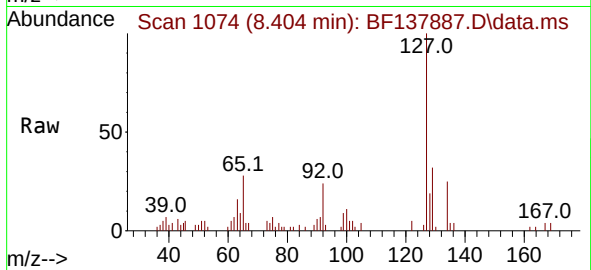
WCS-TP-DMS

Tgt Ion:127 Resp: 17830
Ion Ratio Lower Upper
127 100
129 31.9 25.7 38.5
65 27.9 23.4 35.2
92 24.4 15.6 23.4#

Manual Integrations

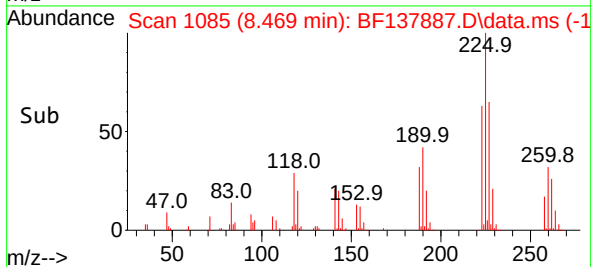
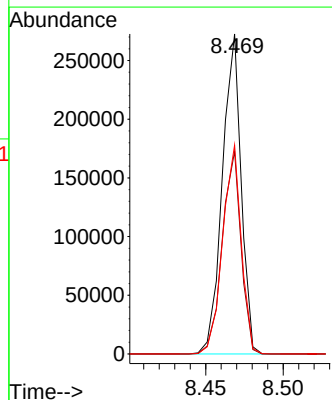
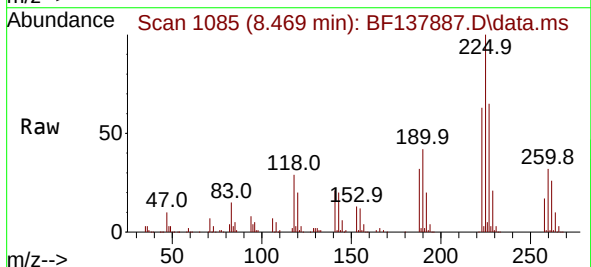
APPROVED

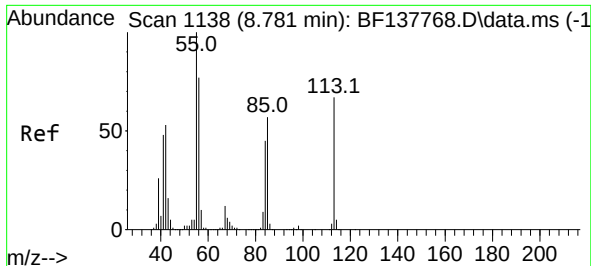
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#34
Hexachlorobutadiene
Concen: 42.245 ng
RT: 8.469 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

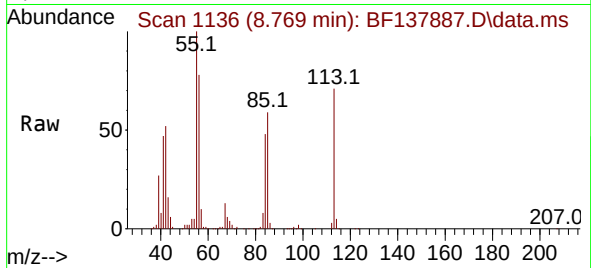
Tgt Ion:225 Resp: 229744
Ion Ratio Lower Upper
225 100
223 63.3 51.1 76.7
227 65.3 51.4 77.0





#35
Caprolactam
Concen: 40.198 ng m
RT: 8.769 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

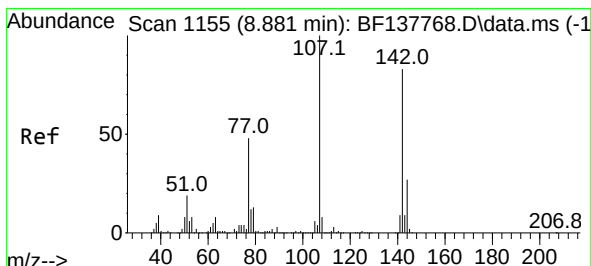
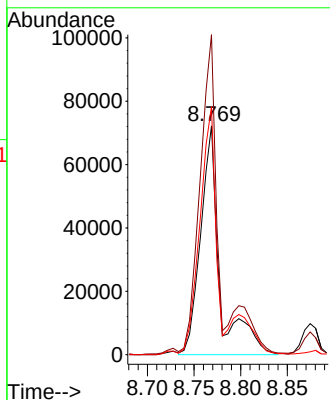
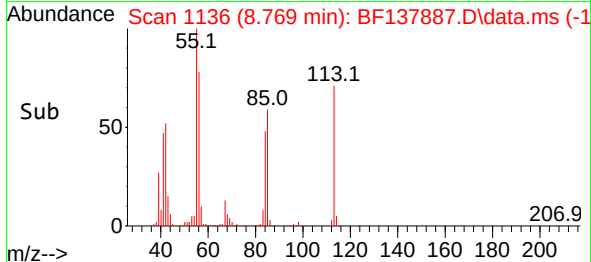
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS



Tgt Ion:113 Resp: 103492
Ion Ratio Lower Upper
113 100
55 139.9 128.7 168.7
56 108.5 93.9 133.9

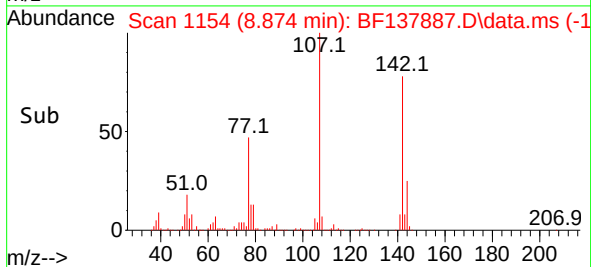
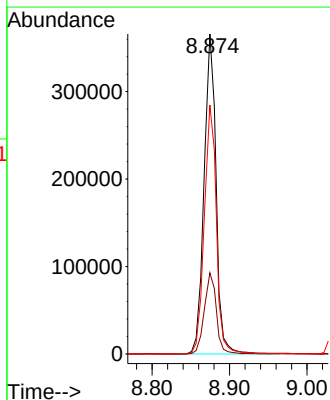
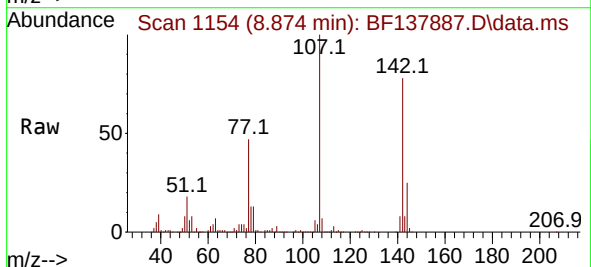
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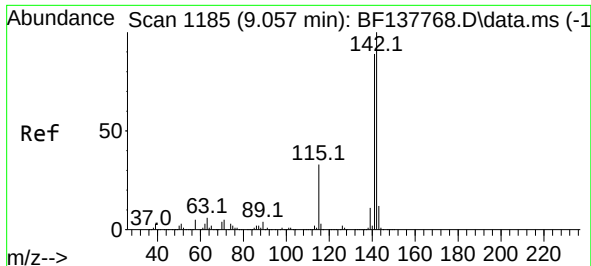
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#36
4-Chloro-3-methylphenol
Concen: 46.407 ng
RT: 8.874 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:107 Resp: 393240
Ion Ratio Lower Upper
107 100
144 25.3 21.4 32.0
142 77.8 66.2 99.2





#37

2-Methylnaphthalene

Concen: 45.313 ng

RT: 9.051 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

Tgt Ion:142 Resp: 847292

Ion Ratio Lower Upper

142 100

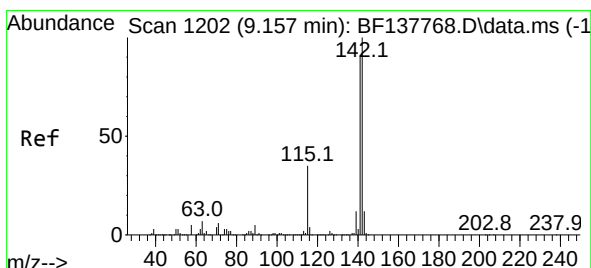
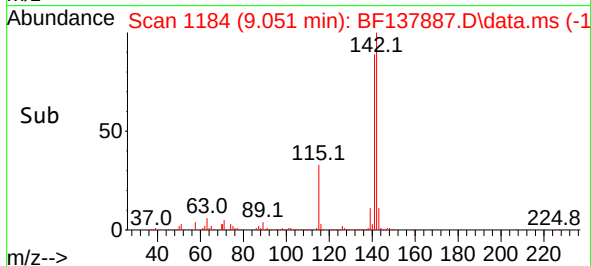
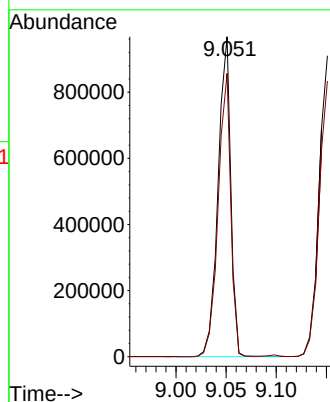
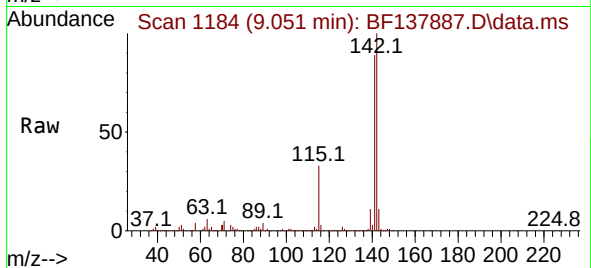
141 88.5 70.8 106.2

Manual Integrations

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Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#38

1-Methylnaphthalene

Concen: 42.782 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF137887.D

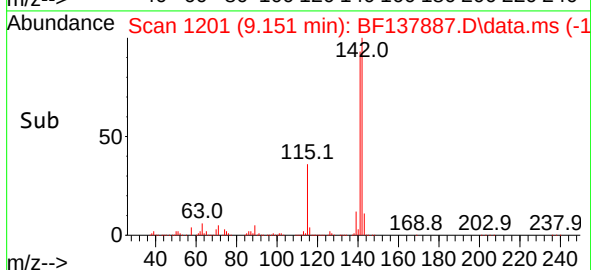
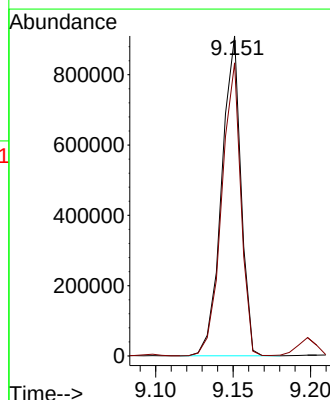
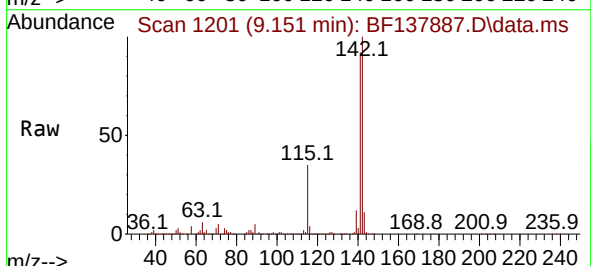
Acq: 10 May 2024 18:22

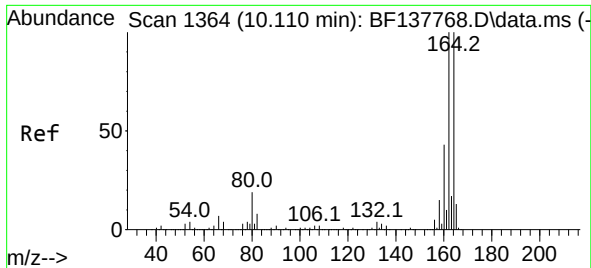
Tgt Ion:142 Resp: 787019

Ion Ratio Lower Upper

142 100

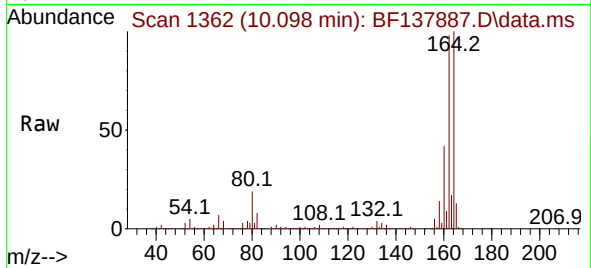
141 91.6 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

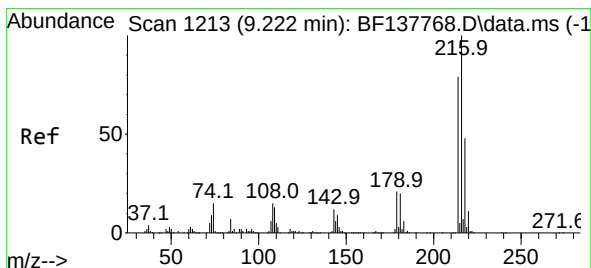
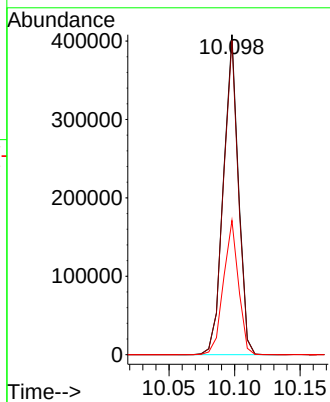
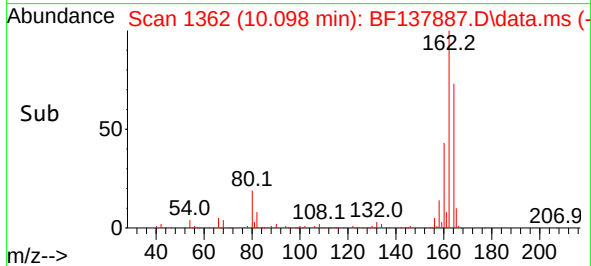
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS



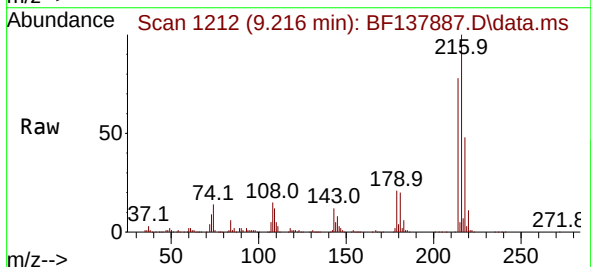
Tgt Ion:164 Resp: 32284
Ion Ratio Lower Upper
164 100
162 98.2 79.8 119.6
160 41.9 34.4 51.6

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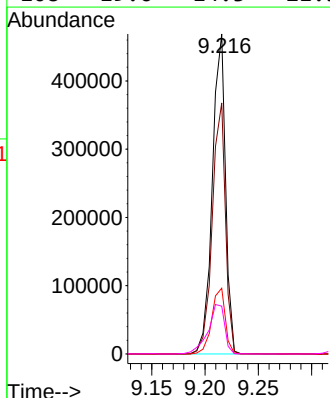
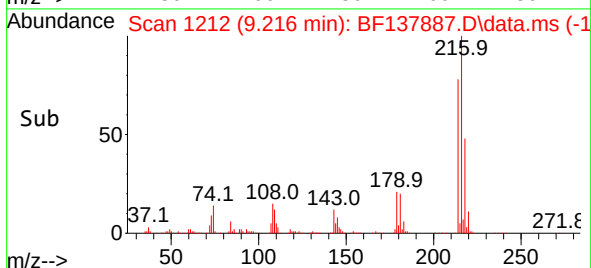
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

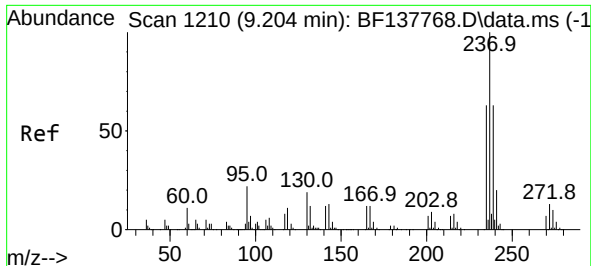


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.957 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22



Tgt Ion:216 Resp: 401519
Ion Ratio Lower Upper
216 100
214 78.6 63.3 94.9
179 21.1 16.8 25.2
108 19.6 14.3 21.5





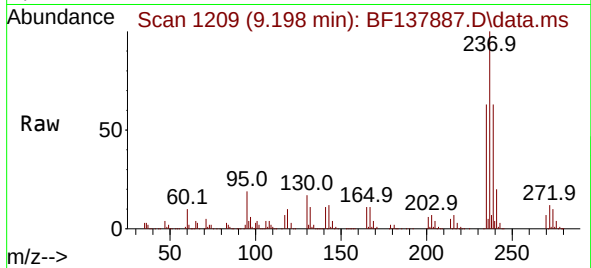
#41
Hexachlorocyclopentadiene
Concen: 115.568 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

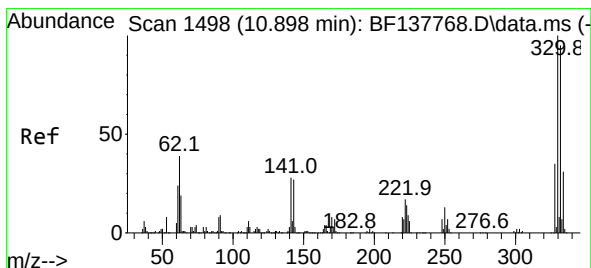
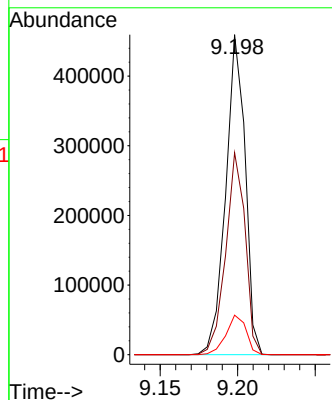
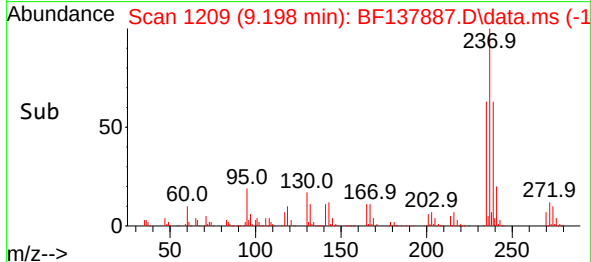


Tgt Ion:237 Resp: 401384
Ion Ratio Lower Upper
237 100
235 63.1 43.0 83.0
272 12.4 0.0 32.8

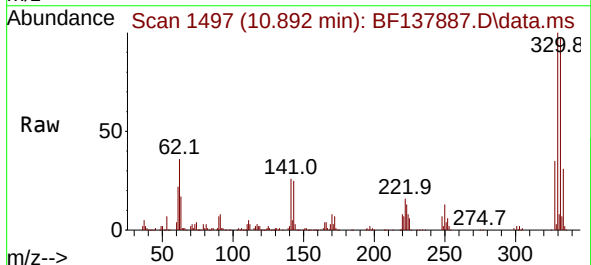
Manual Integrations

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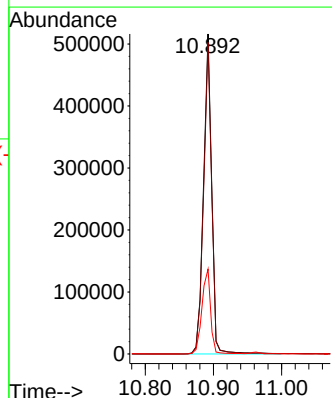
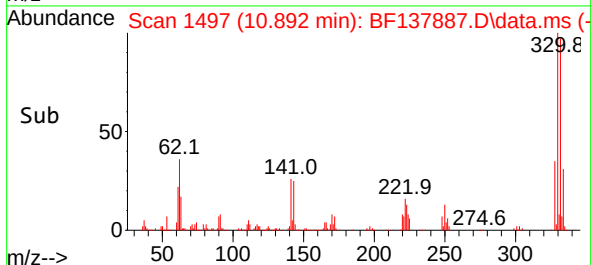
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

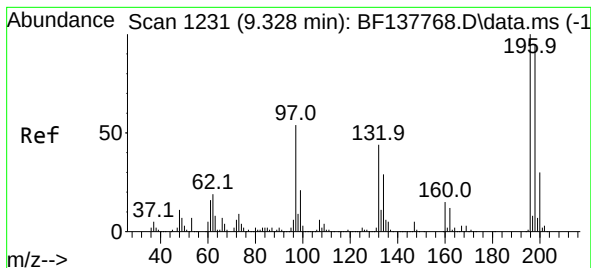


#42
2,4,6-Tribromophenol
Concen: 130.836 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22



Tgt Ion:330 Resp: 431284
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 28.2 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 46.032 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

Tgt Ion:196 Resp: 26793

Ion Ratio Lower Upper

196 100

198 96.1 76.2 114.4

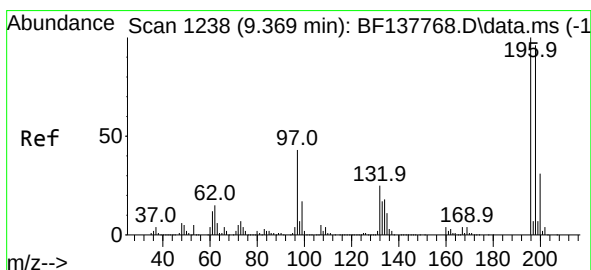
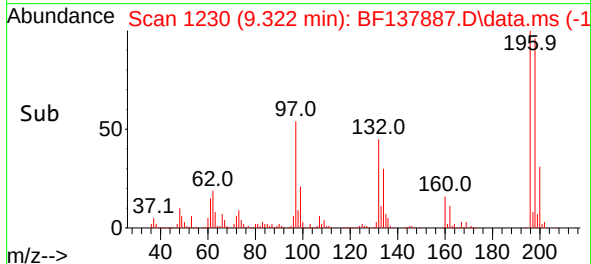
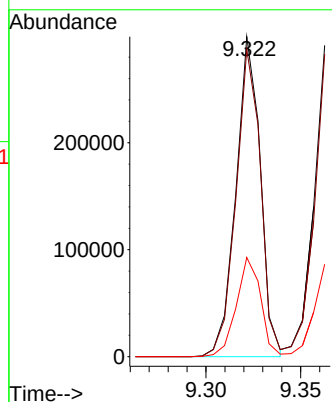
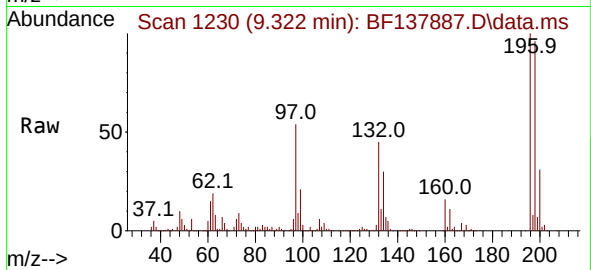
200 31.0 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#44

2,4,5-Trichlorophenol

Concen: 46.051 ng

RT: 9.363 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Tgt Ion:196 Resp: 295975

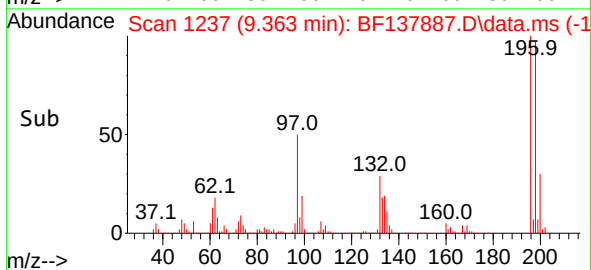
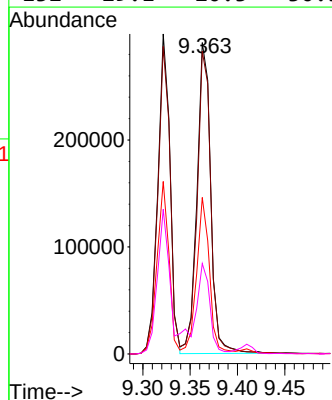
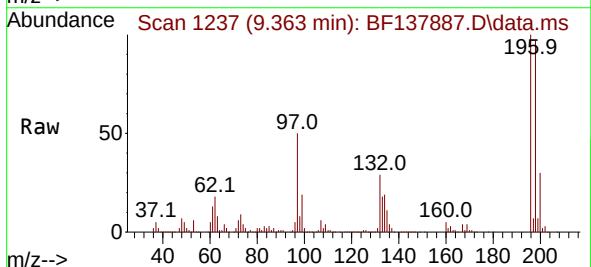
Ion Ratio Lower Upper

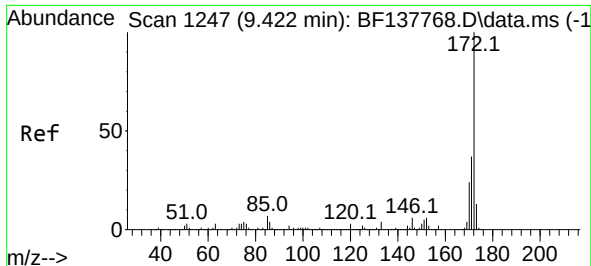
196 100

198 97.2 76.6 114.8

97 50.3 34.5 51.7

132 29.1 20.3 30.5





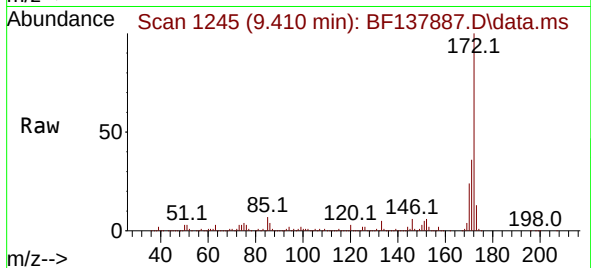
#45
2-Fluorobiphenyl
Concen: 89.464 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS



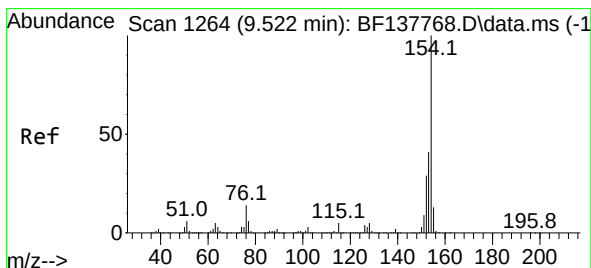
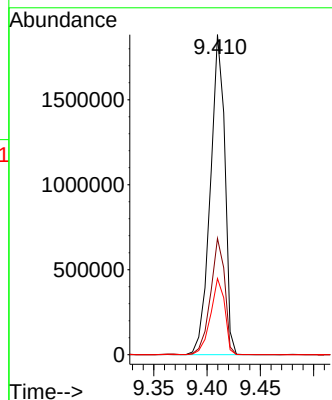
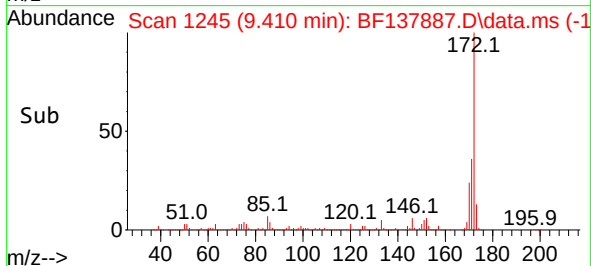
Tgt Ion:172 Resp: 178032
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.8 19.4 29.2

Manual Integrations

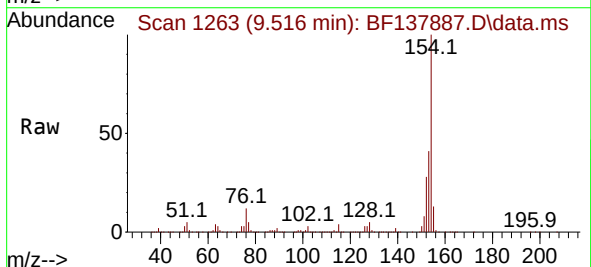
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

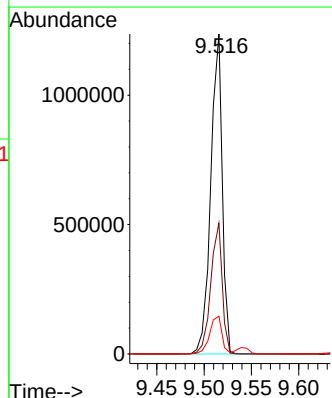
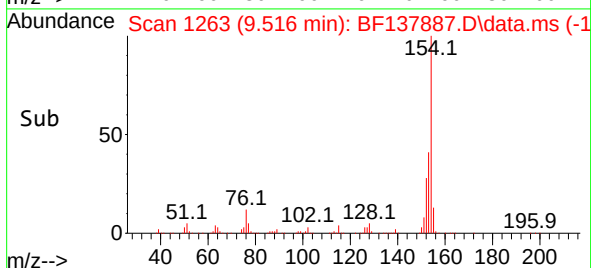
Supervised By :mohammad ahmed 05/13/2024

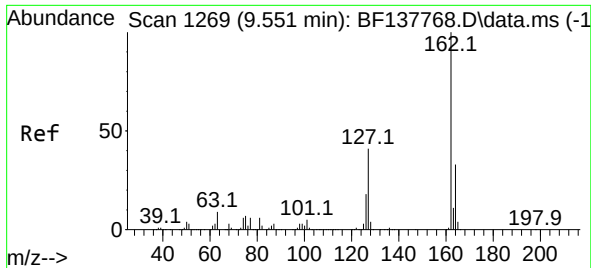


#46
1,1'-Biphenyl
Concen: 46.848 ng
RT: 9.516 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22



Tgt Ion:154 Resp: 1037997
Ion Ratio Lower Upper
154 100
153 40.9 21.4 61.4
76 11.8 0.0 33.5





#47
2-Chloronaphthalene
Concen: 45.432 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

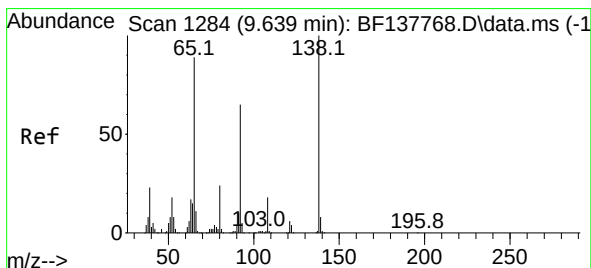
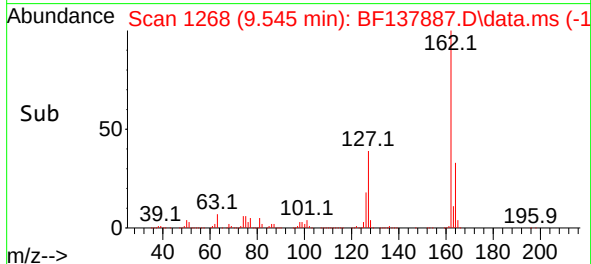
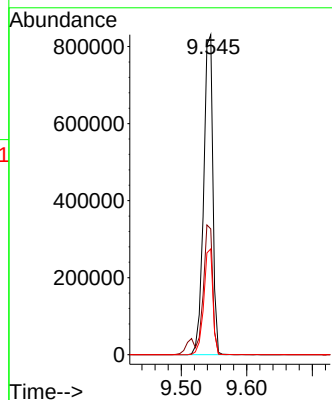
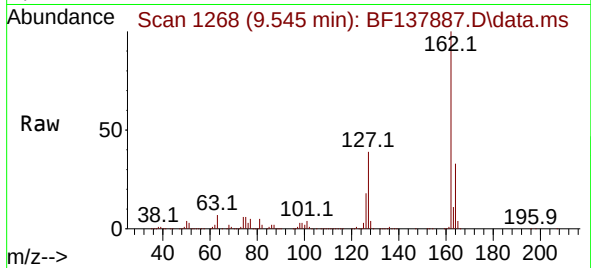
WCS-TP-DMS

Tgt Ion:162 Resp: 812679
Ion Ratio Lower Upper
162 100
127 39.3 32.6 49.0
164 33.1 26.5 39.7

Manual Integrations

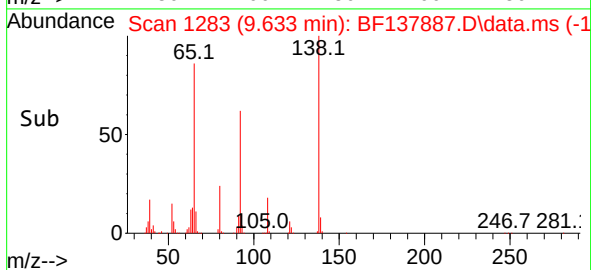
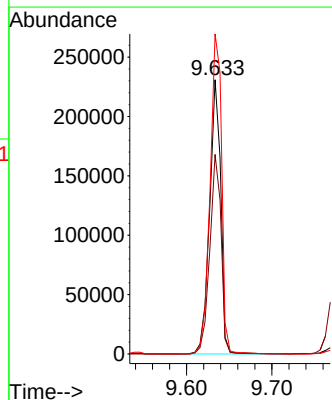
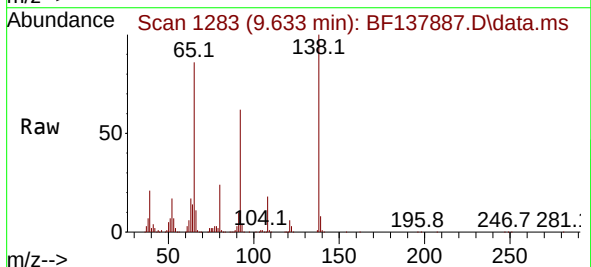
APPROVED

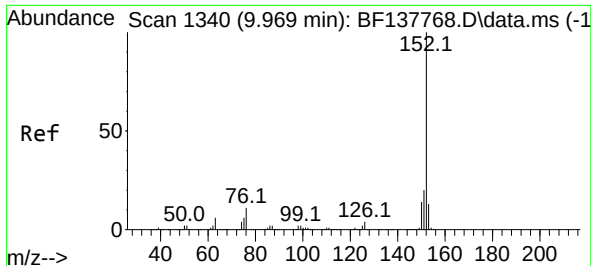
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#48
2-Nitroaniline
Concen: 43.201 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion: 65 Resp: 209583
Ion Ratio Lower Upper
65 100
92 72.7 58.6 88.0
138 116.7 90.3 135.5





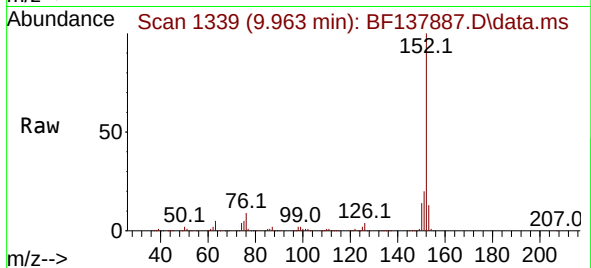
#49
Acenaphthylene
Concen: 49.247 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS



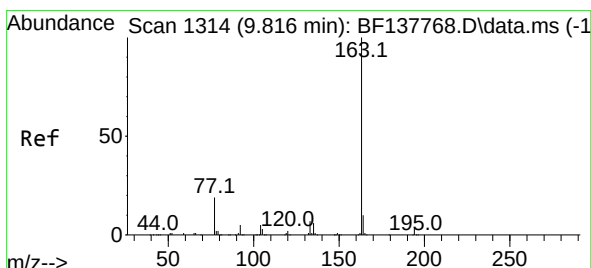
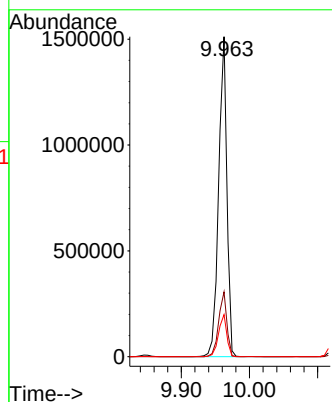
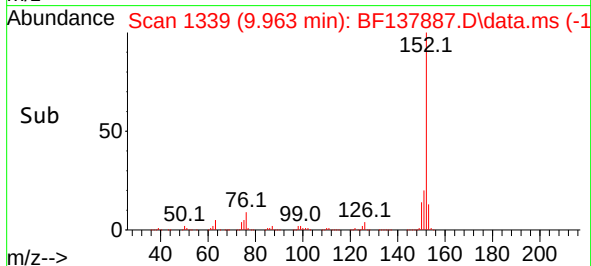
Tgt Ion:152 Resp: 127432
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.1 10.8 16.2

Manual Integrations

APPROVED

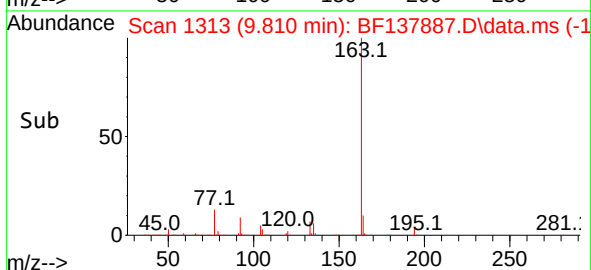
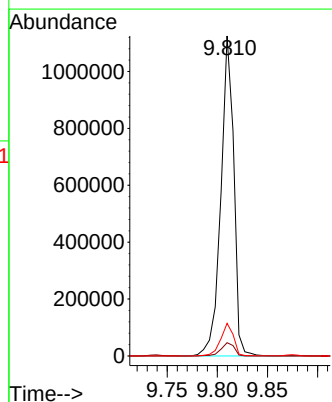
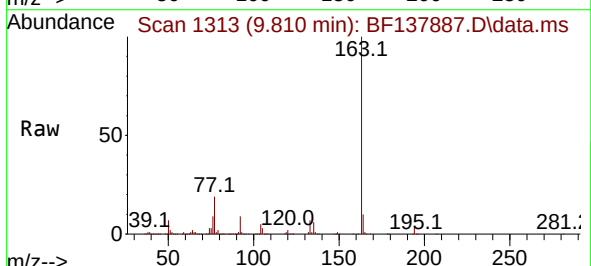
Reviewed By :Yogesh Patel 05/13/2024

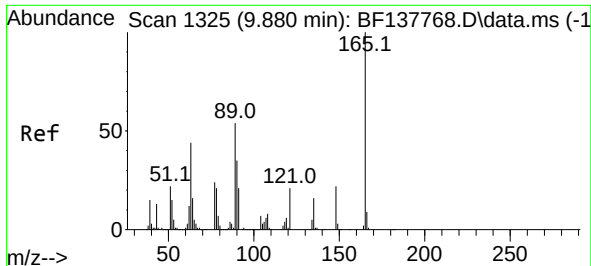
Supervised By :mohammad ahmed 05/13/2024



#50
Dimethylphthalate
Concen: 49.496 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:163 Resp: 1008778
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 48.168 ng

RT: 9.874 min Scan# 1325

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

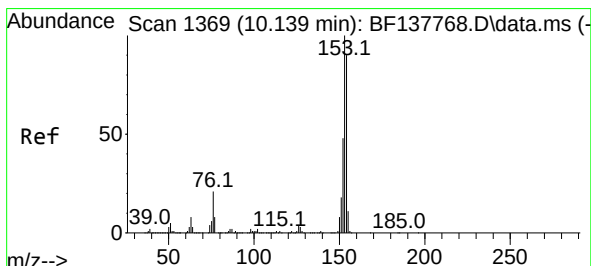
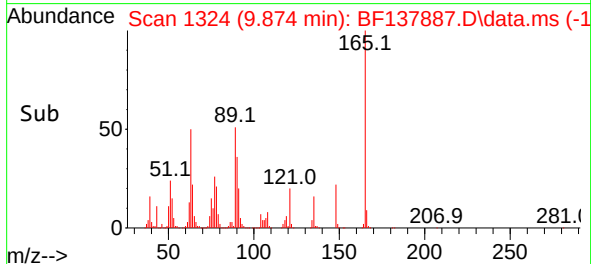
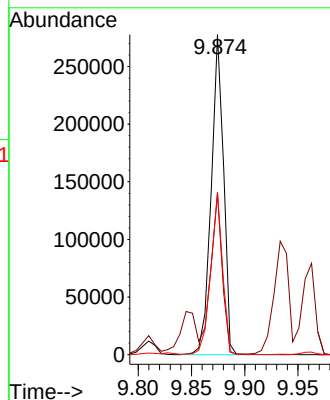
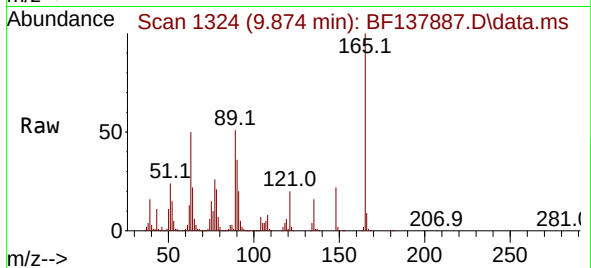
Tgt Ion:165 Resp: 22435
 Ion Ratio Lower Upper
 165 100
 63 50.5 41.9 62.9
 89 50.8 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#52

Acenaphthene

Concen: 48.798 ng

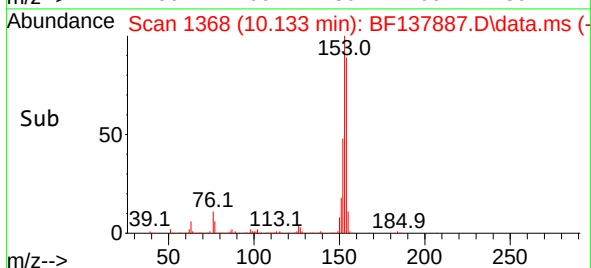
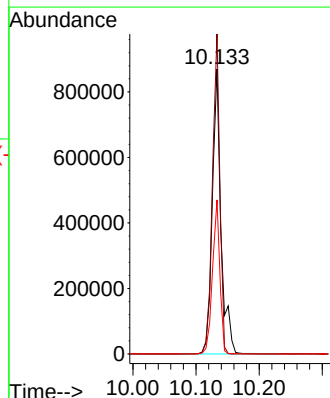
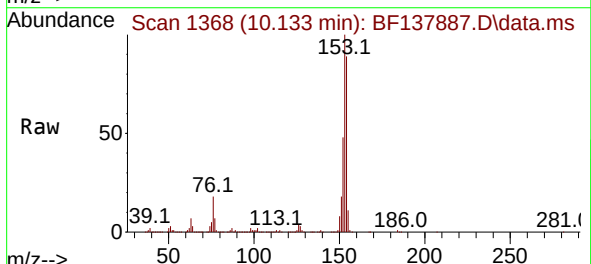
RT: 10.133 min Scan# 1368

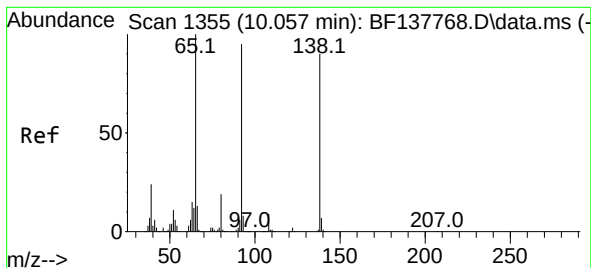
Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Tgt Ion:154 Resp: 836987
 Ion Ratio Lower Upper
 154 100
 153 112.3 88.7 133.1
 152 54.1 42.8 64.2





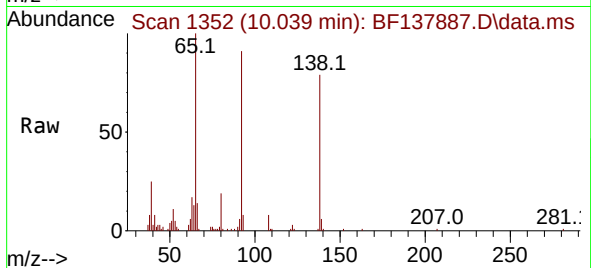
#53
3-Nitroaniline
Concen: 4.171 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS



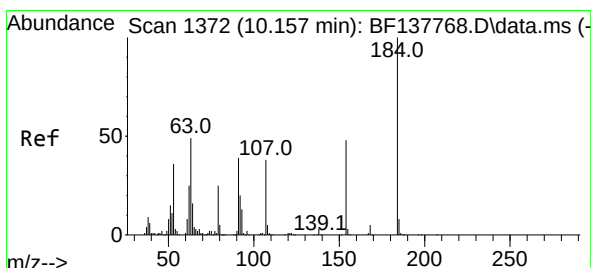
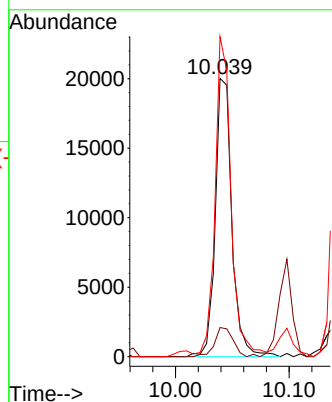
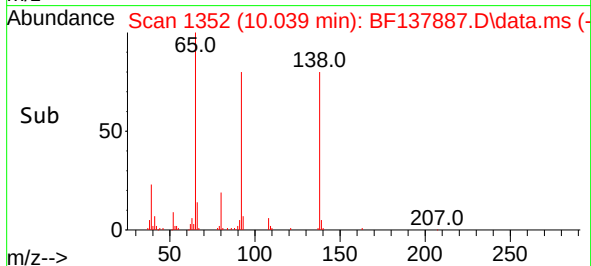
Tgt Ion:138 Resp: 2034
Ion Ratio Lower Upper
138 100
108 10.5 7.8 11.6
92 115.0 84.6 126.8

Manual Integrations

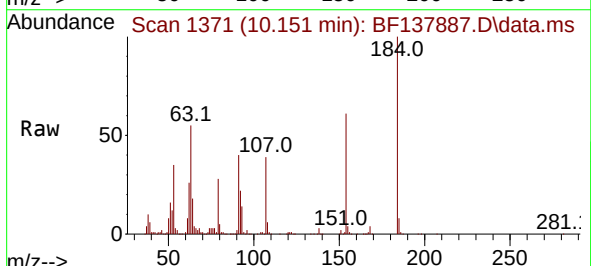
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

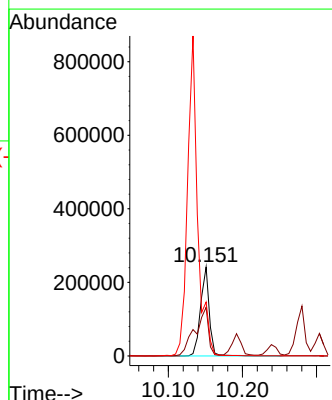
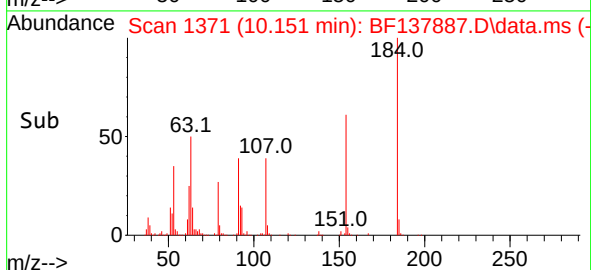
Supervised By :mohammad ahmed 05/13/2024

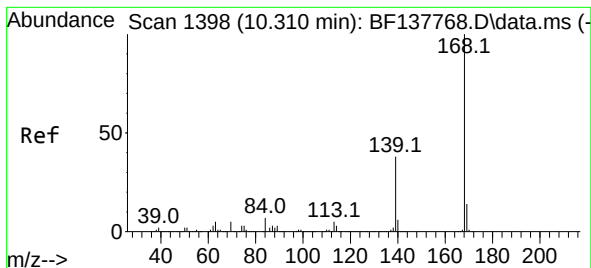


#54
2,4-Dinitrophenol
Concen: 86.439 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22



Tgt Ion:184 Resp: 197825
Ion Ratio Lower Upper
184 100
63 54.7 40.3 60.5
154 60.6 45.2 67.8





#55
Dibenzenofuran
Concen: 46.269 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

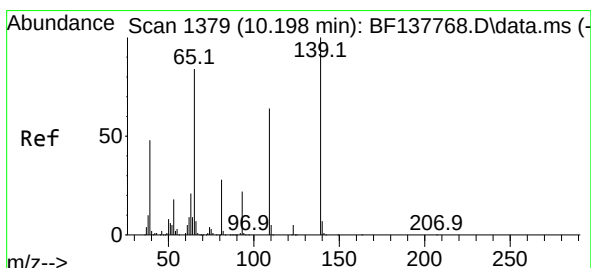
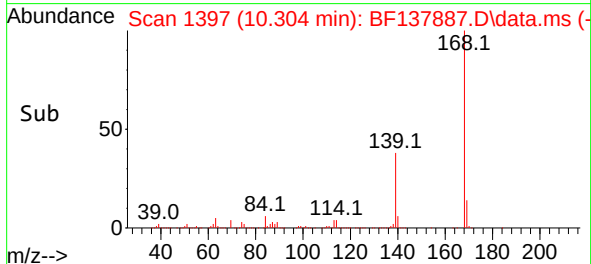
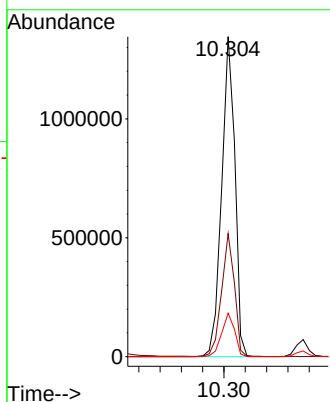
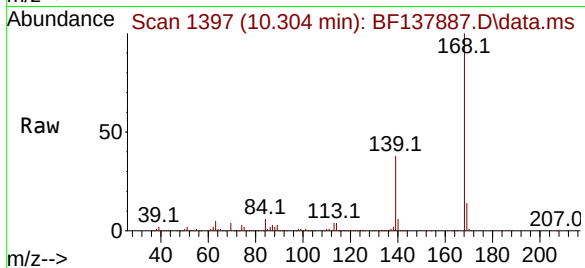
WCS-TP-DMS

Tgt Ion:168 Resp: 1154869
Ion Ratio Lower Upper
168 100
139 38.5 30.2 45.4
169 13.6 11.4 17.0

Manual Integrations

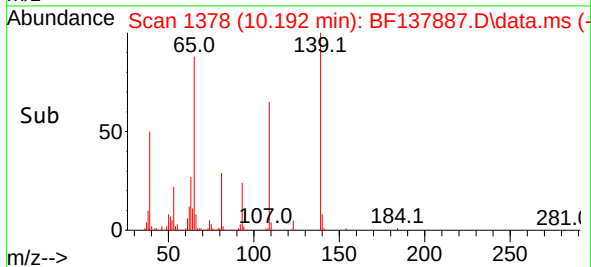
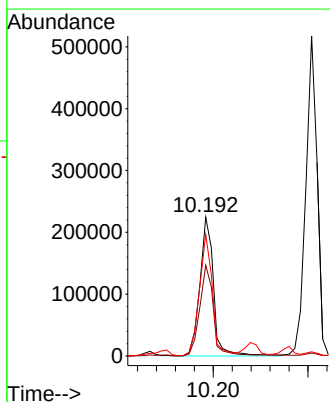
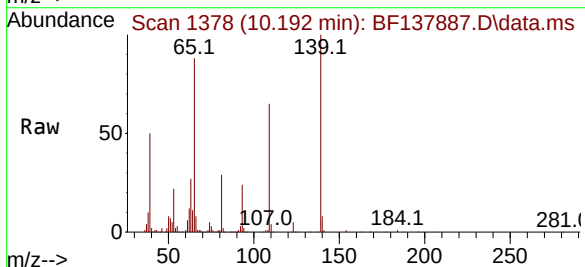
APPROVED

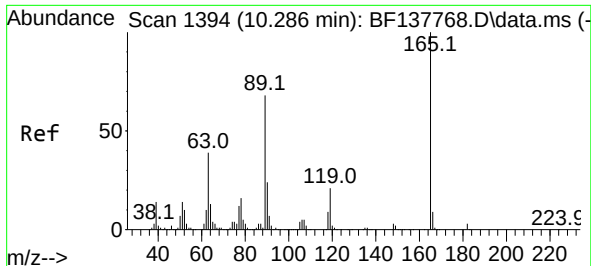
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#56
4-Nitrophenol
Concen: 55.514 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:139 Resp: 224419
Ion Ratio Lower Upper
139 100
109 65.4 44.0 84.0
65 87.7 64.3 104.3





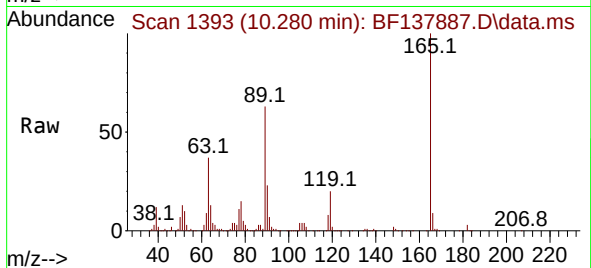
#57
2,4-Dinitrotoluene
Concen: 47.056 ng
RT: 10.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS



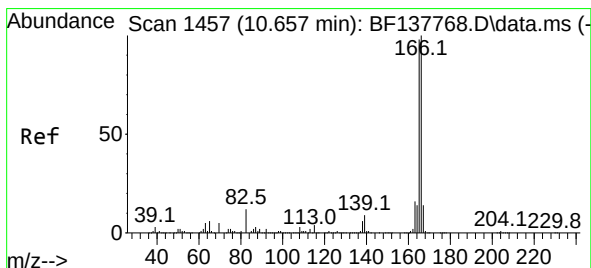
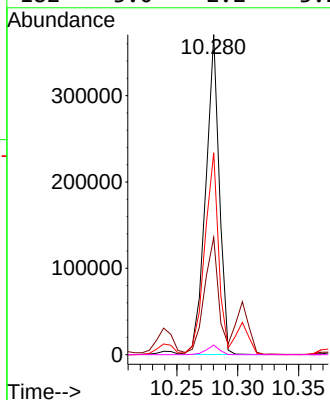
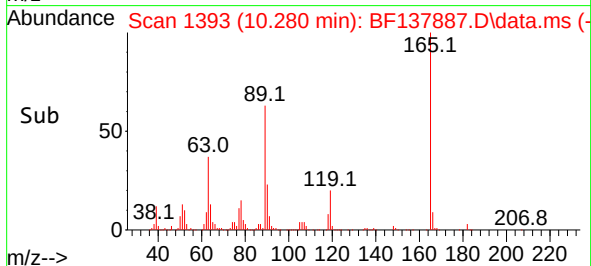
Tgt Ion:165 Resp: 28633
Ion Ratio Lower Upper
165 100
63 36.7 31.3 46.9
89 63.1 54.2 81.4
182 3.0 2.2 3.2

Manual Integrations

APPROVED

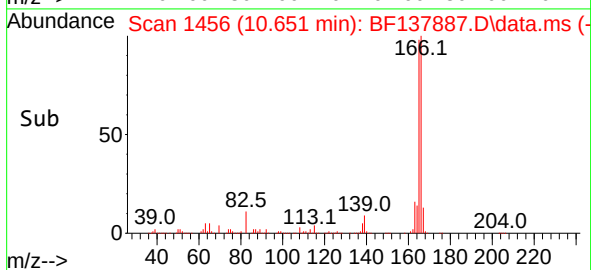
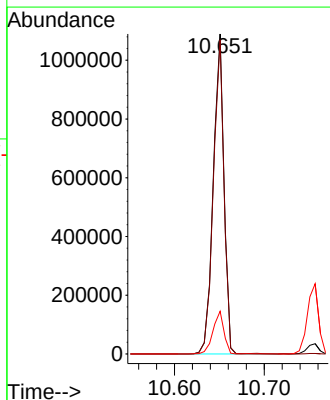
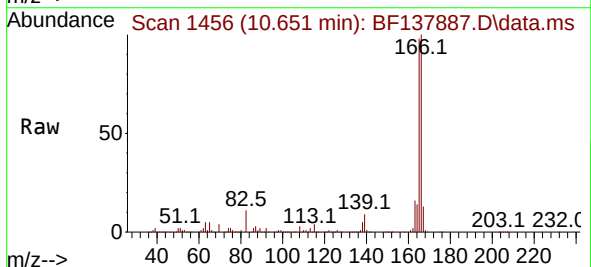
Reviewed By :Yogesh Patel 05/13/2024

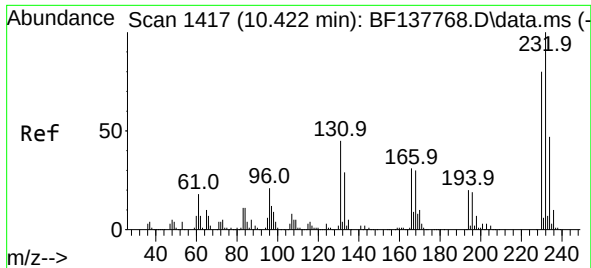
Supervised By :mohammad ahmed 05/13/2024



#58
Fluorene
Concen: 45.514 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

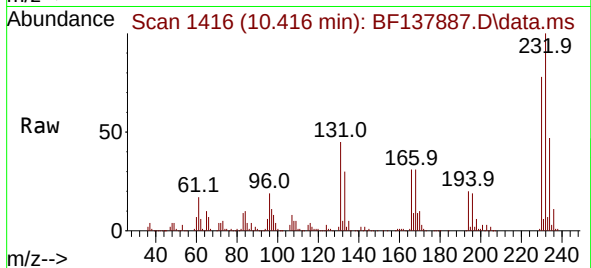
Tgt Ion:166 Resp: 904118
Ion Ratio Lower Upper
166 100
165 98.2 78.2 117.2
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.302 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

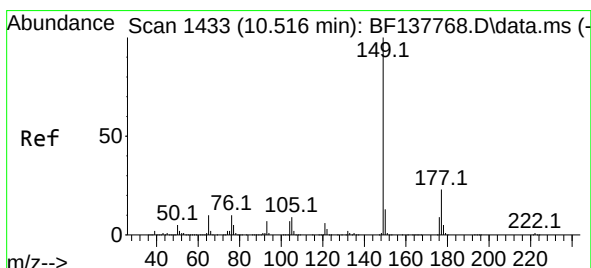
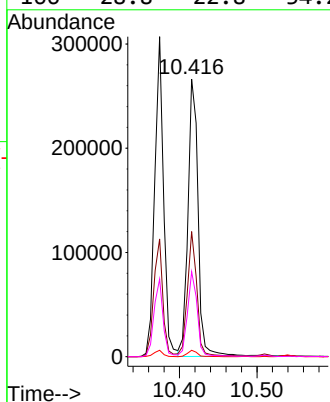
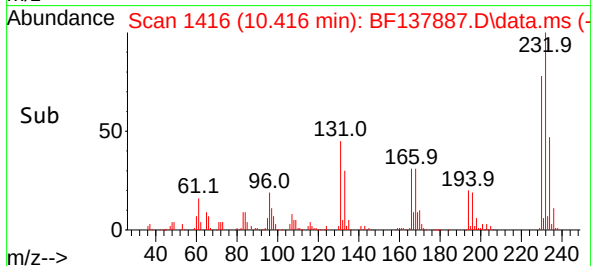
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS



Tgt Ion:232 Resp: 241599
Ion Ratio Lower Upper
232 100
131 42.0 33.4 50.0
130 2.2 1.7 2.5
166 28.8 22.8 34.2

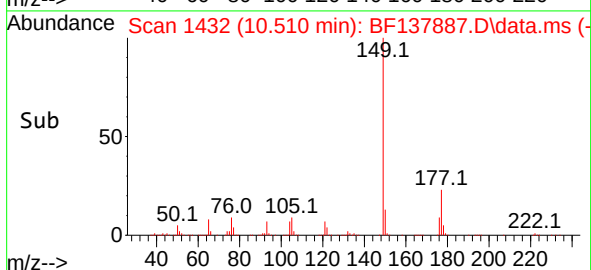
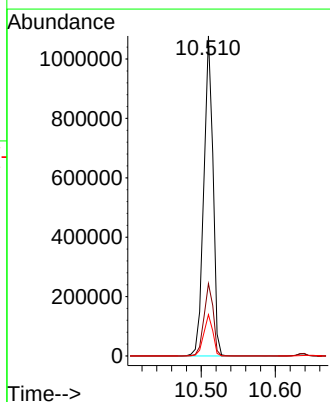
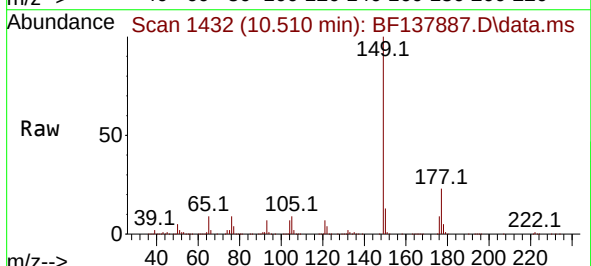
Manual Integrations
APPROVED

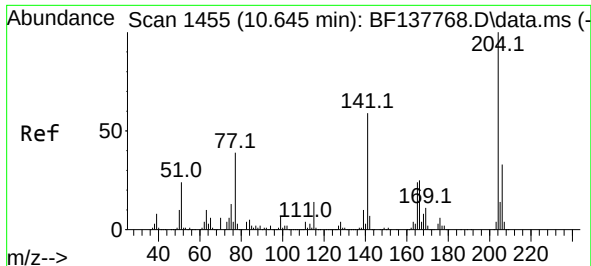
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#60
Diethylphthalate
Concen: 47.945 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

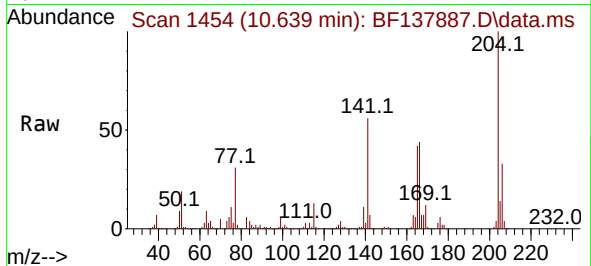
Tgt Ion:149 Resp: 928064
Ion Ratio Lower Upper
149 100
177 22.6 18.4 27.6
150 12.9 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 46.204 ng
RT: 10.639 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

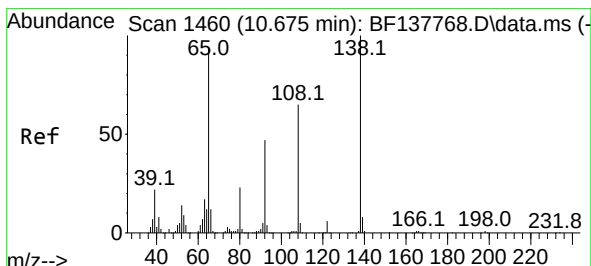
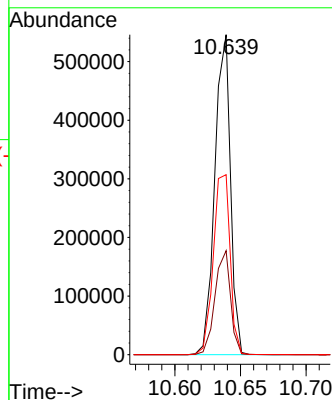
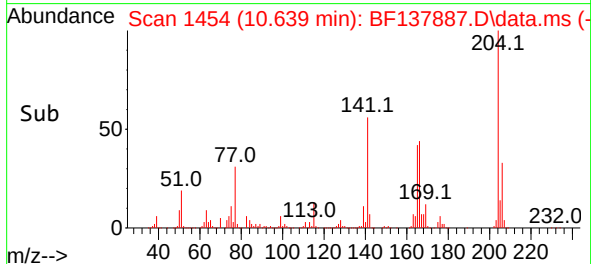
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS



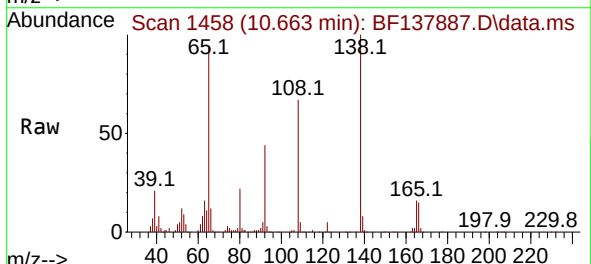
Tgt Ion:204 Resp: 45224
Ion Ratio Lower Upper
204 100
206 32.5 26.4 39.6
141 56.3 47.0 70.6

Manual Integrations
APPROVED

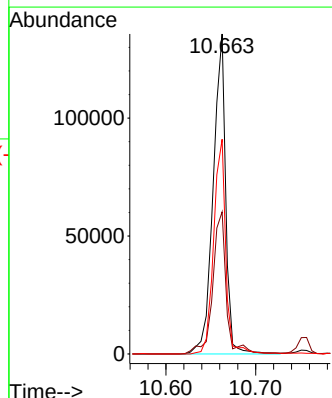
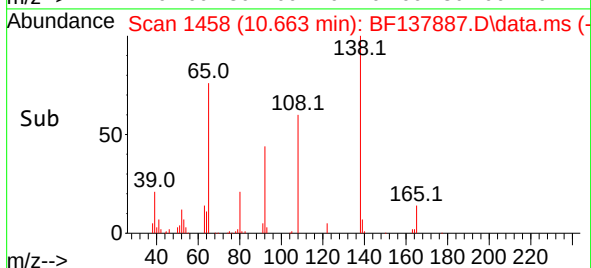
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

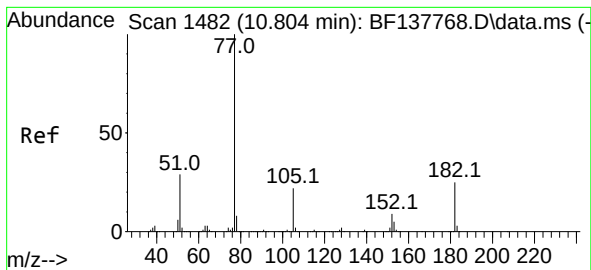


#62
4-Nitroaniline
Concen: 26.664 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22



Tgt Ion:138 Resp: 131918
Ion Ratio Lower Upper
138 100
92 44.4 26.8 66.8
108 67.1 44.7 84.7





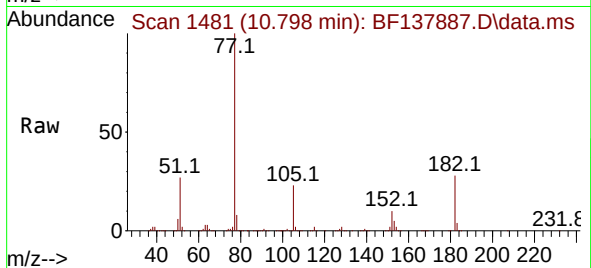
#63
Azobenzene
Concen: 43.791 ng
RT: 10.798 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS



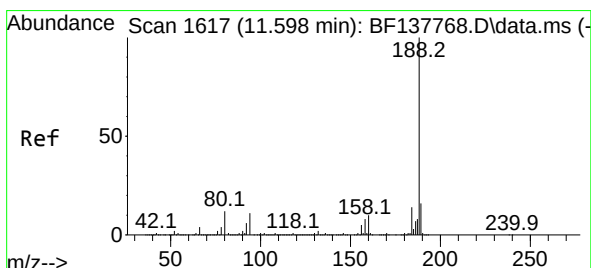
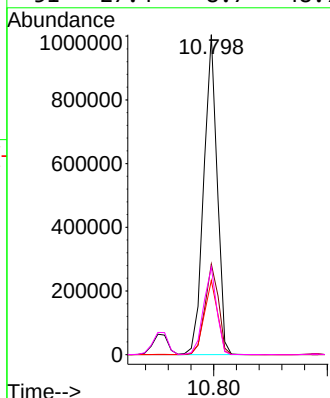
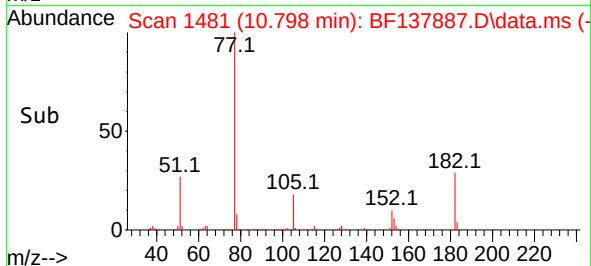
Tgt Ion: 77 Resp: 819258
Ion Ratio Lower Upper
77 100
182 28.4 5.1 45.1
105 23.2 2.2 42.2
51 27.4 8.7 48.7

Manual Integrations

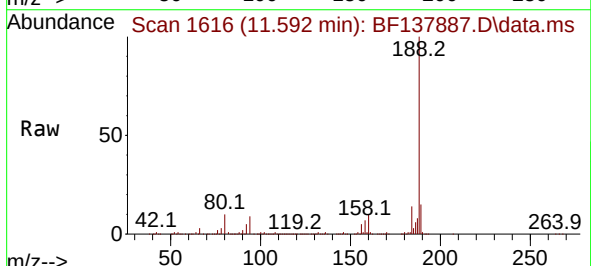
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

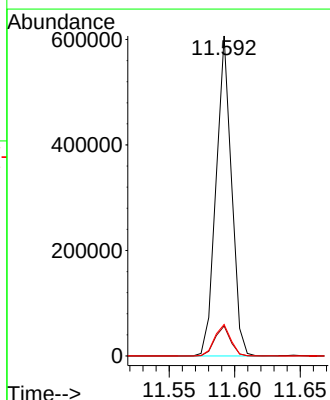
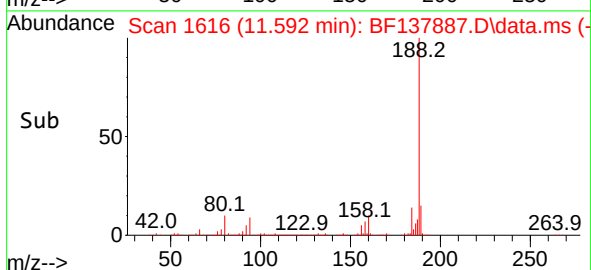
Supervised By :mohammad ahmed 05/13/2024

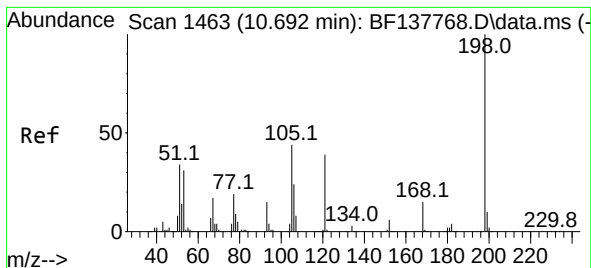


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22



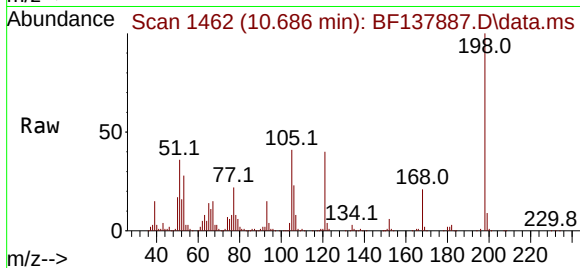
Tgt Ion:188 Resp: 496394
Ion Ratio Lower Upper
188 100
94 9.4 8.8 13.2
80 9.9 9.6 14.4





#65
4,6-Dinitro-2-methylphenol
Concen: 51.186 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

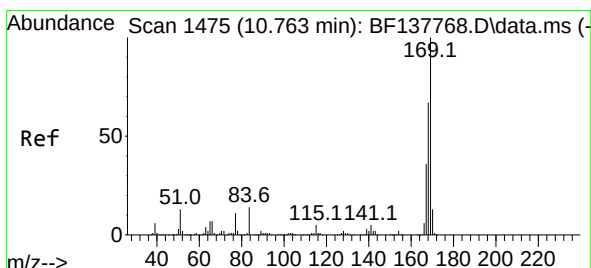
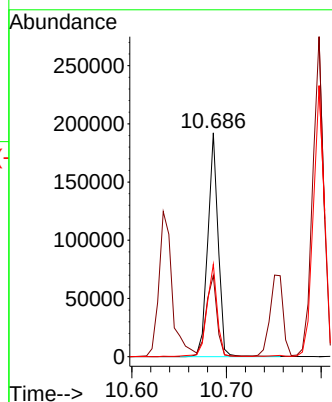
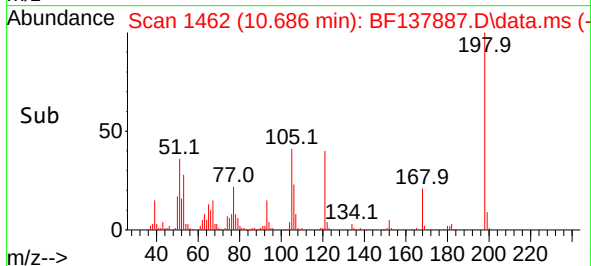
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS



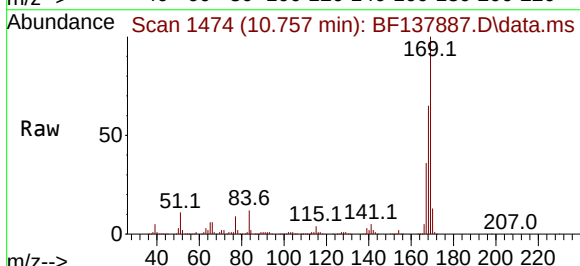
Tgt Ion:198 Resp: 145835
Ion Ratio Lower Upper
198 100
51 36.2 25.1 65.1
105 41.3 24.1 64.1

Manual Integrations
APPROVED

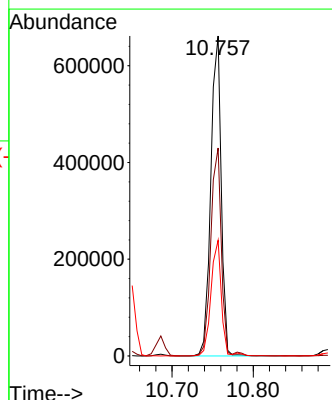
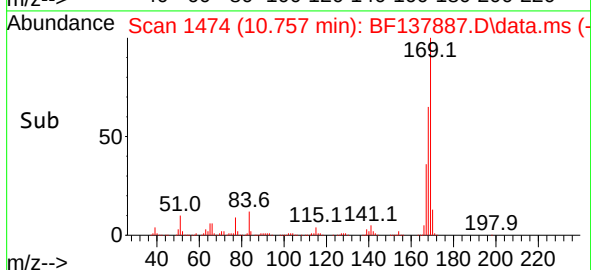
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

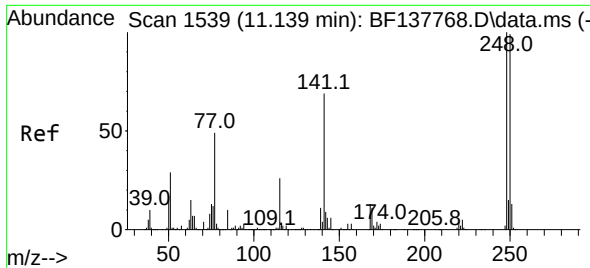


#66
n-Nitrosodiphenylamine
Concen: 39.525 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22



Tgt Ion:169 Resp: 587305
Ion Ratio Lower Upper
169 100
168 65.0 53.3 79.9
167 36.2 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 51.932 ng
RT: 11.133 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

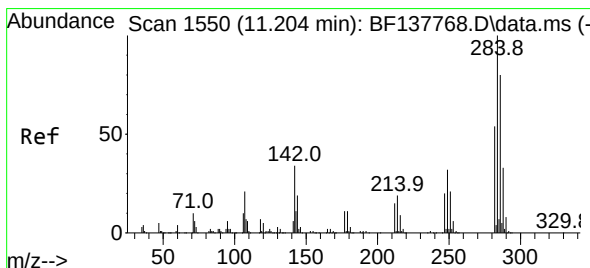
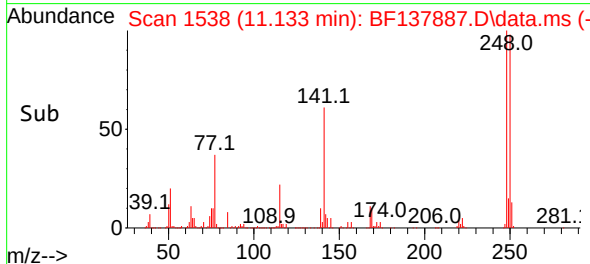
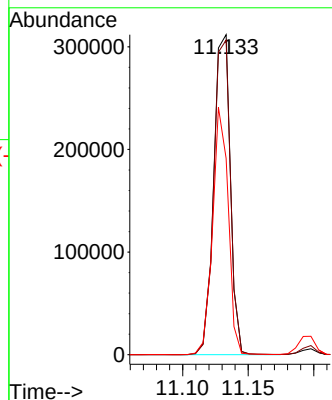
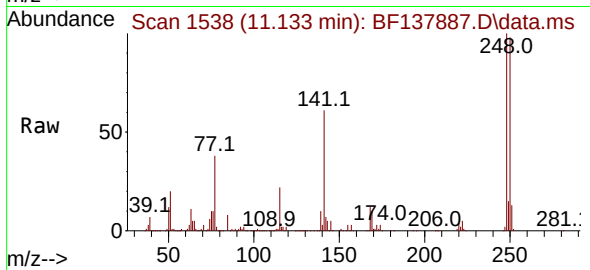
Tgt Ion:248 Resp: 27589
Ion Ratio Lower Upper
248 100
250 98.3 79.1 118.7
141 61.4 55.4 83.2

Manual Integrations

APPROVED

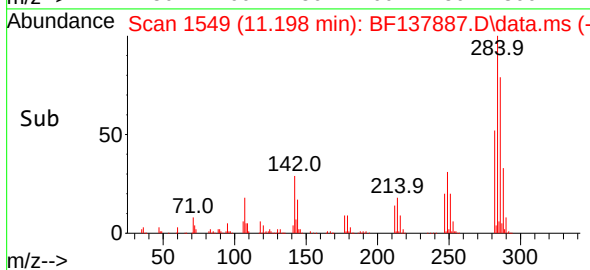
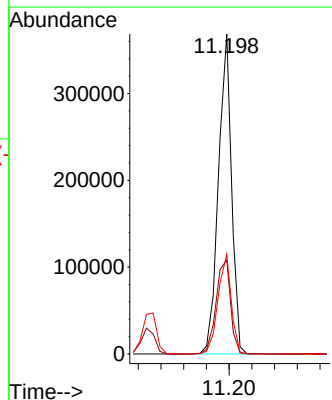
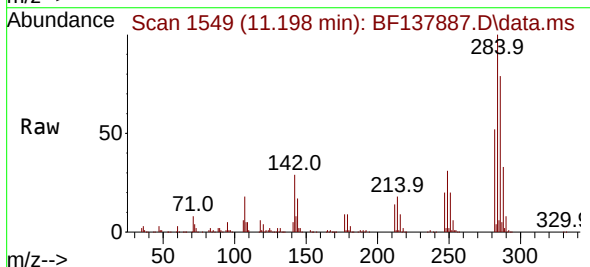
Reviewed By :Yogesh Patel 05/13/2024

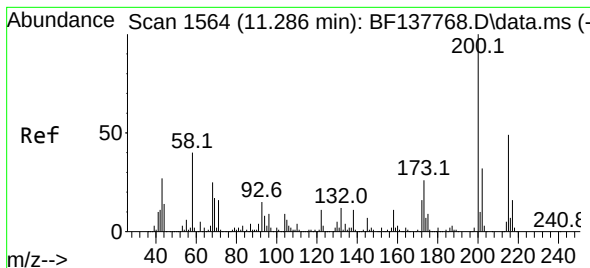
Supervised By :mohammad ahmed 05/13/2024



#68
Hexachlorobenzene
Concen: 51.064 ng
RT: 11.198 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:284 Resp: 296453
Ion Ratio Lower Upper
284 100
142 29.4 27.3 40.9
249 31.2 25.6 38.4





#69

Atrazine

Concen: 26.091 ng

RT: 11.274 min Scan# 1562

Delta R.T. -0.012 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

Tgt Ion:200 Resp: 118210

Ion Ratio Lower Upper

200 100

173 26.1 5.9 45.9

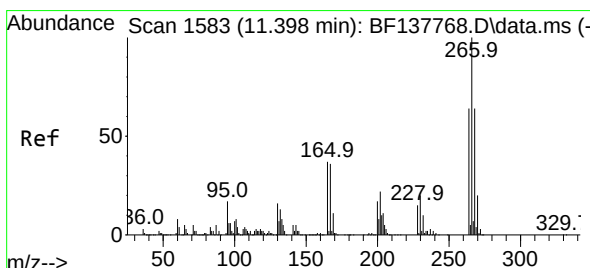
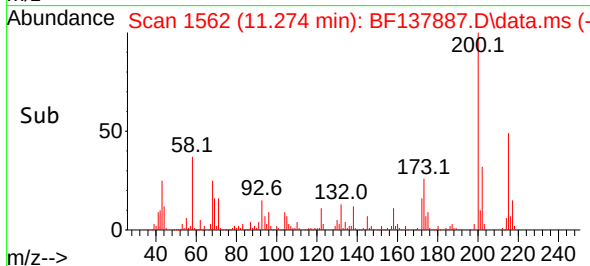
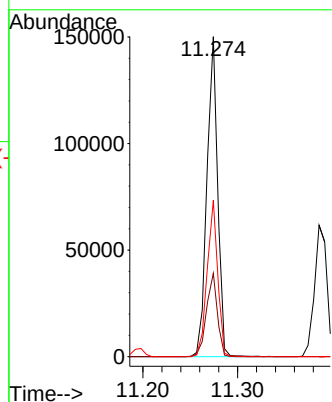
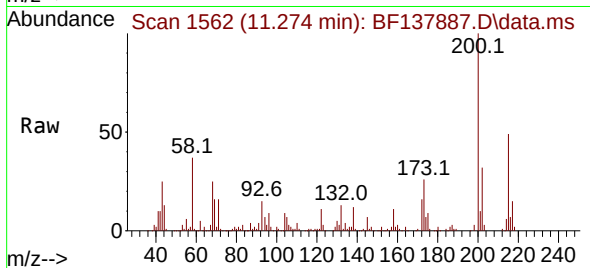
215 48.9 28.8 68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#70

Pentachlorophenol

Concen: 81.544 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

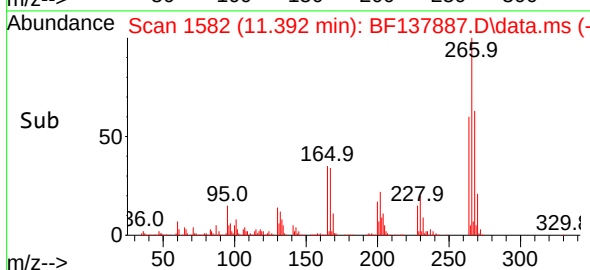
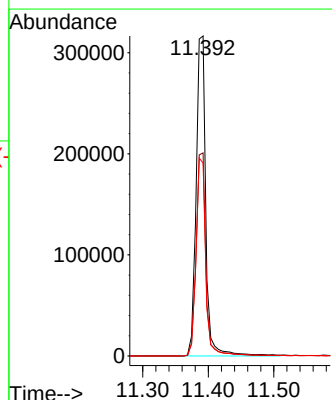
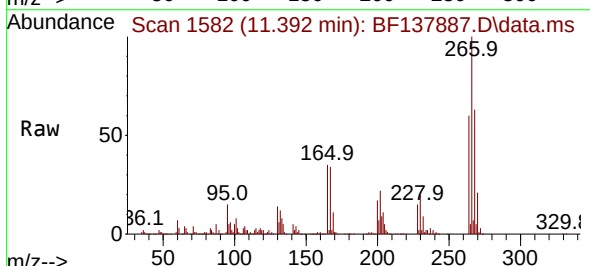
Tgt Ion:266 Resp: 325014

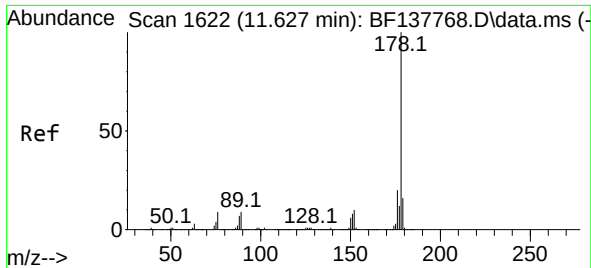
Ion Ratio Lower Upper

266 100

268 63.5 51.3 76.9

264 60.3 51.0 76.4





#71
Phenanthrene
Concen: 48.801 ng
RT: 11.621 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

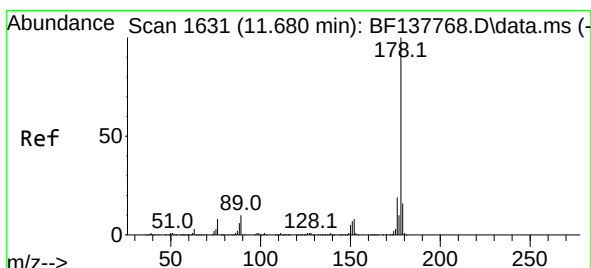
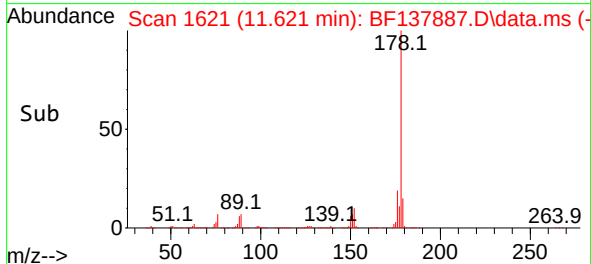
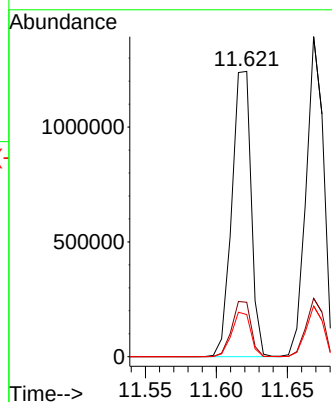
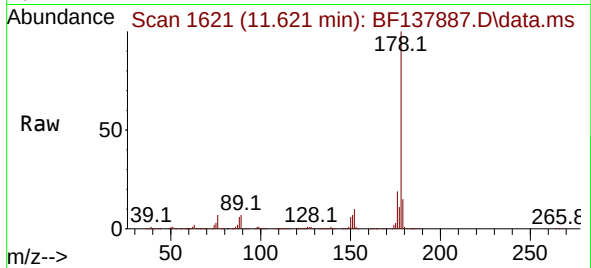
WCS-TP-DMS

Tgt Ion:178 Resp: 118074
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 14.8 12.5 18.7

Manual Integrations

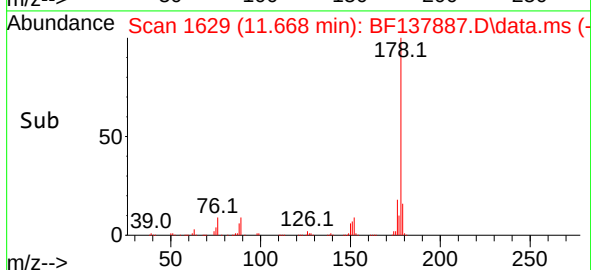
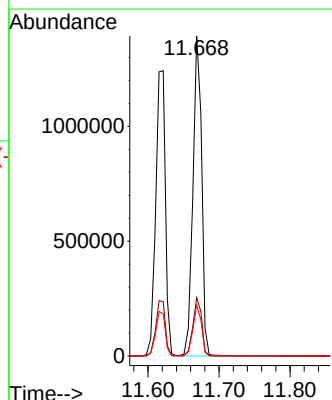
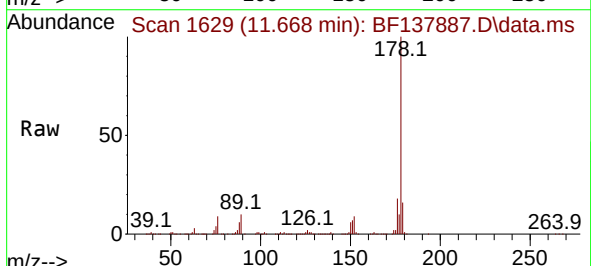
APPROVED

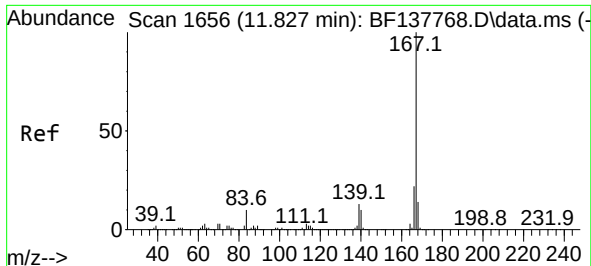
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#72
Anthracene
Concen: 49.601 ng
RT: 11.668 min Scan# 1629
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:178 Resp: 1194085
Ion Ratio Lower Upper
178 100
176 18.3 15.2 22.8
179 15.8 12.6 18.8





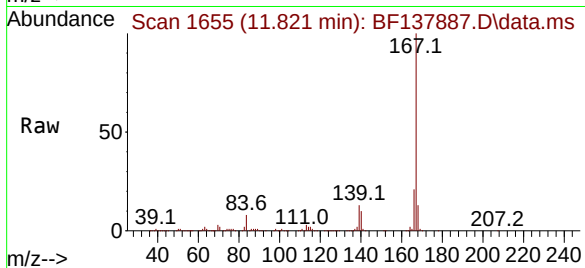
#73
 Carbazole
 Concen: 31.384 ng
 RT: 11.821 min Scan# 1709
 Delta R.T. -0.006 min
 Lab File: BF137887.D
 Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS



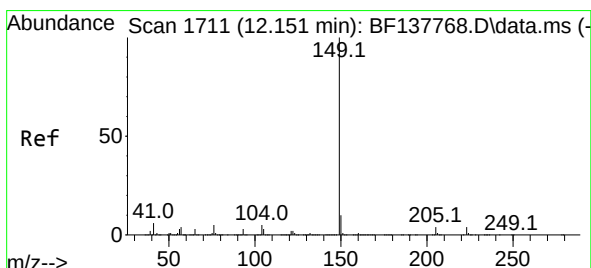
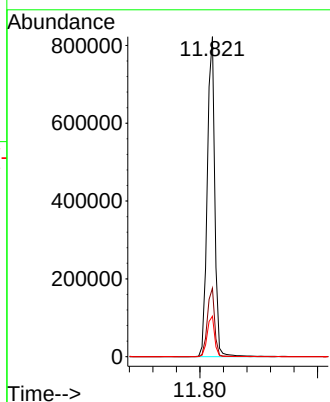
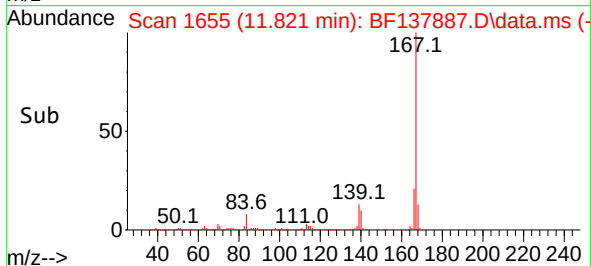
Tgt Ion:167 Resp: 728149
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.6 26.4
 139 12.7 10.5 15.7

Manual Integrations

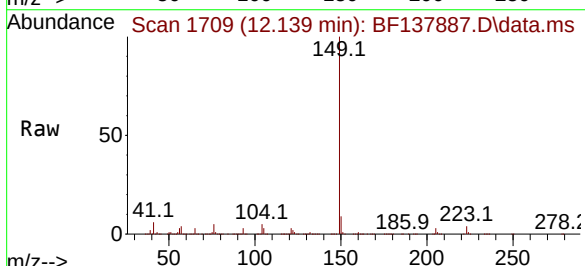
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

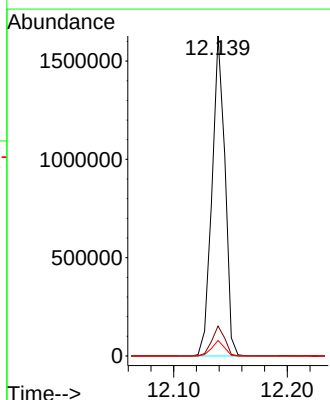
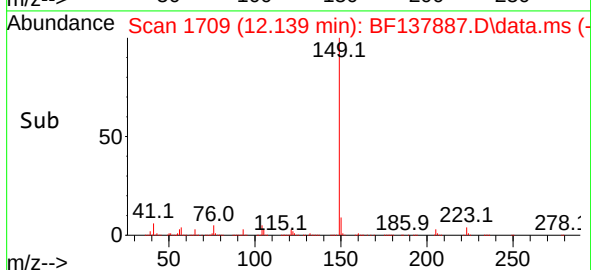
Supervised By :mohammad ahmed 05/13/2024

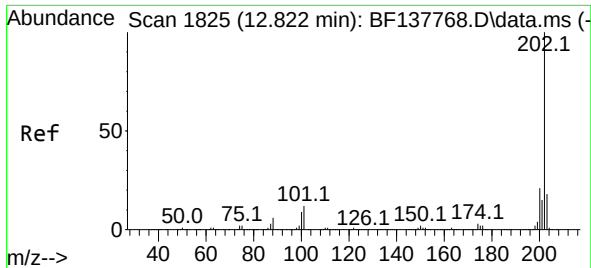


#74
 Di-n-butylphthalate
 Concen: 50.942 ng
 RT: 12.139 min Scan# 1709
 Delta R.T. -0.012 min
 Lab File: BF137887.D
 Acq: 10 May 2024 18:22



Tgt Ion:149 Resp: 1289277
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 4.8 3.8 5.8





#75
Fluoranthene
Concen: 37.599 ng
RT: 12.810 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

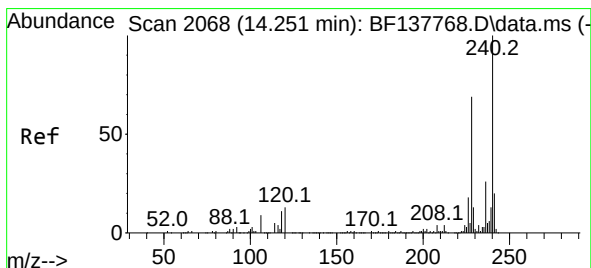
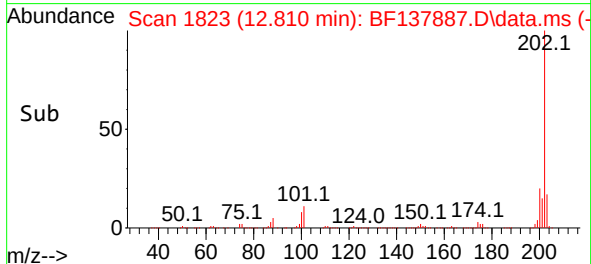
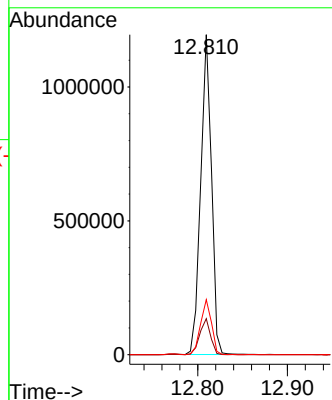
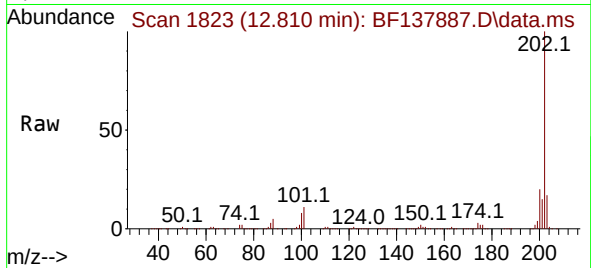
Tgt Ion:202 Resp: 99440
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.8
203 17.2 0.0 37.8

Manual Integrations

APPROVED

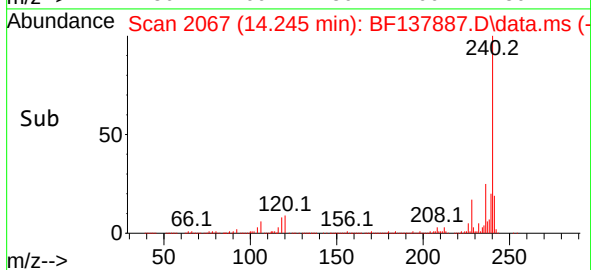
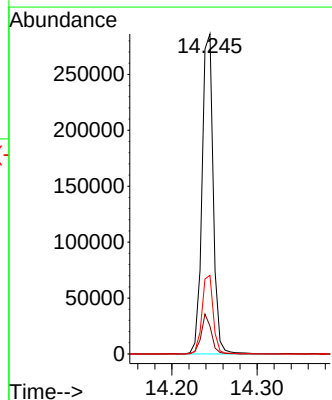
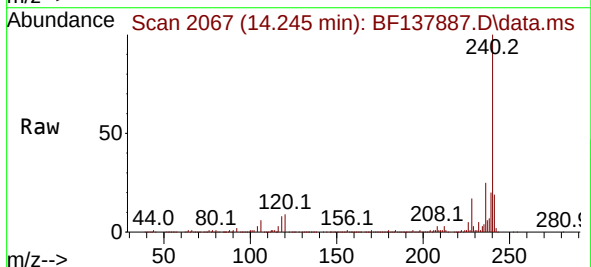
Reviewed By :Yogesh Patel 05/13/2024

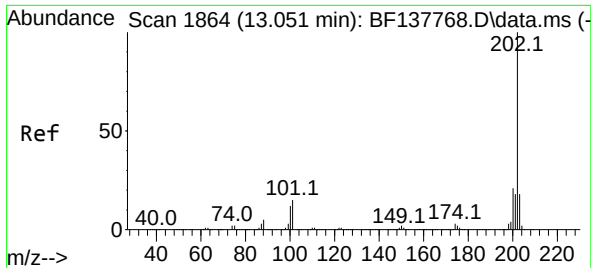
Supervised By :mohammad ahmed 05/13/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

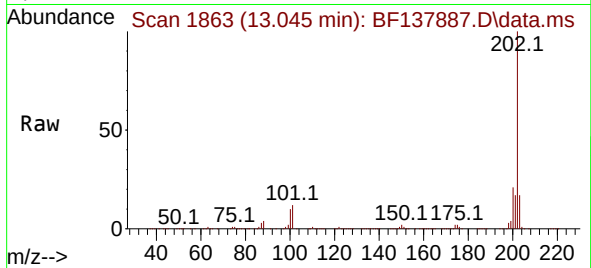
Tgt Ion:240 Resp: 261427
Ion Ratio Lower Upper
240 100
120 8.7 10.4 15.6#
236 24.6 20.4 30.6





#78
Pyrene
Concen: 46.868 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

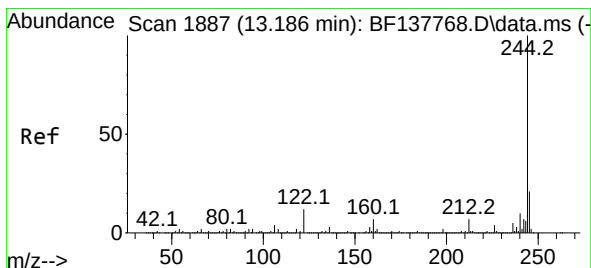
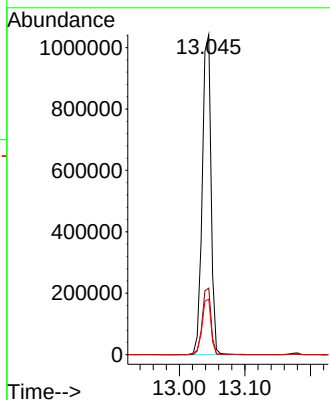
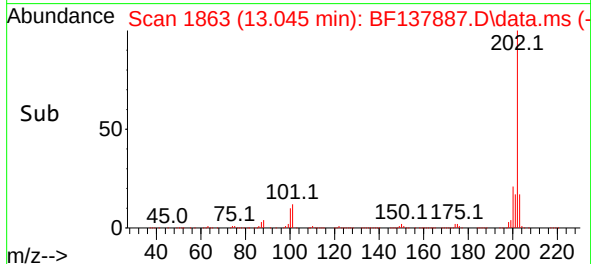
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS



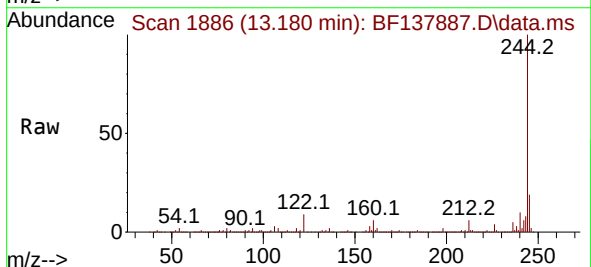
Tgt Ion:202 Resp: 971472
Ion Ratio Lower Upper
202 100
200 20.8 17.2 25.8
203 17.3 14.4 21.6

Manual Integrations
APPROVED

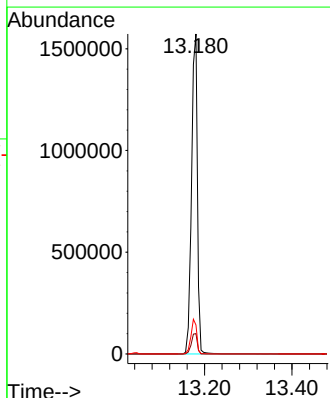
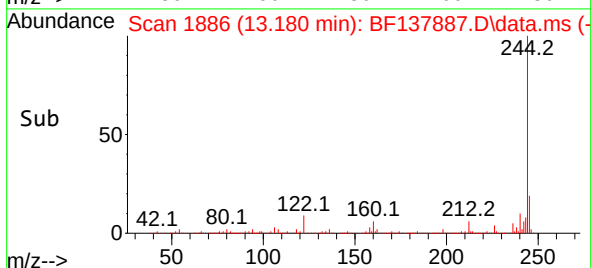
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

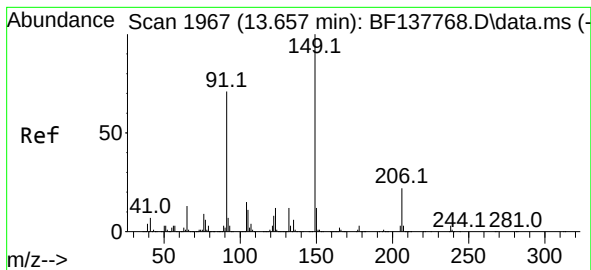


#79
Terphenyl-d14
Concen: 93.790 ng
RT: 13.180 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22



Tgt Ion:244 Resp: 1463080
Ion Ratio Lower Upper
244 100
212 6.3 5.5 8.3
122 9.1 9.4 14.2#





#80
Butylbenzylphthalate
Concen: 54.503 ng
RT: 13.645 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

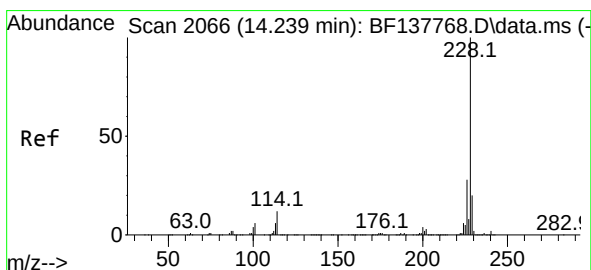
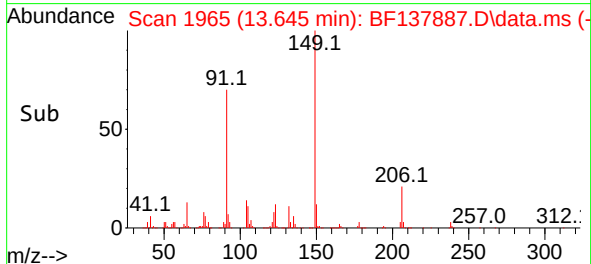
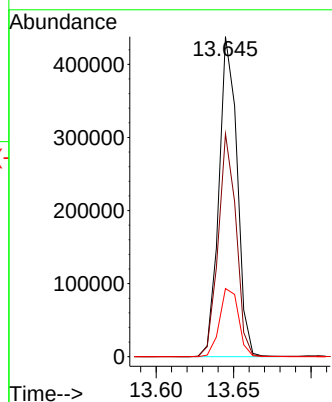
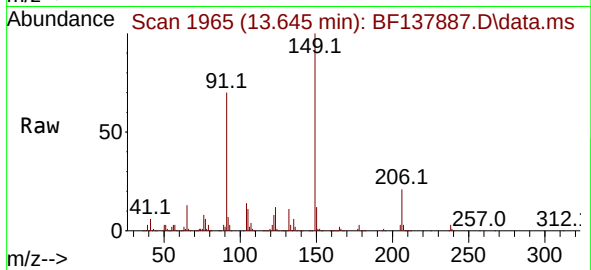
WCS-TP-DMS

Tgt Ion:149 Resp: 358449
Ion Ratio Lower Upper
149 100
91 69.6 56.8 85.2
206 21.3 17.8 26.8

Manual Integrations

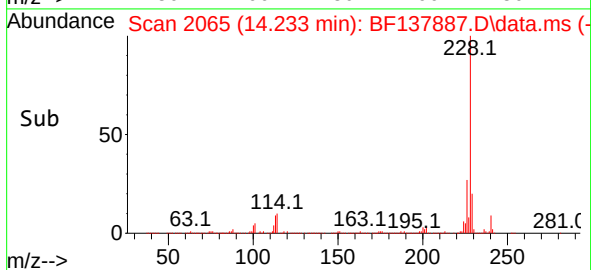
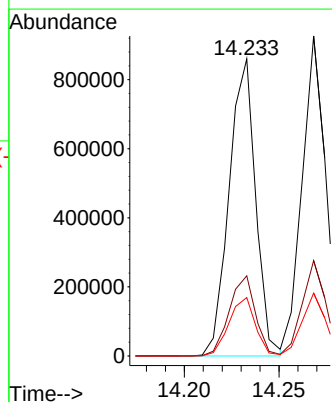
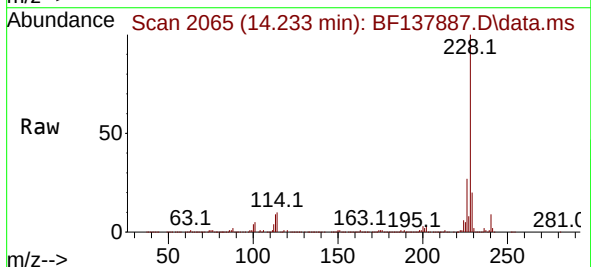
APPROVED

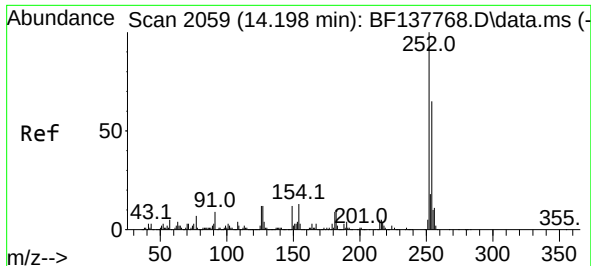
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#81
Benzo(a)anthracene
Concen: 50.161 ng
RT: 14.233 min Scan# 2065
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:228 Resp: 838719
Ion Ratio Lower Upper
228 100
226 27.0 22.2 33.2
229 19.7 16.3 24.5





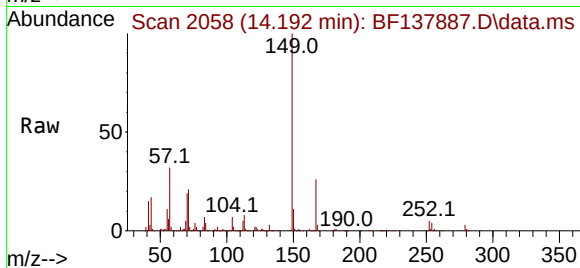
#82
3,3'-Dichlorobenzidine
Concen: 2.493 ng
RT: 14.192 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

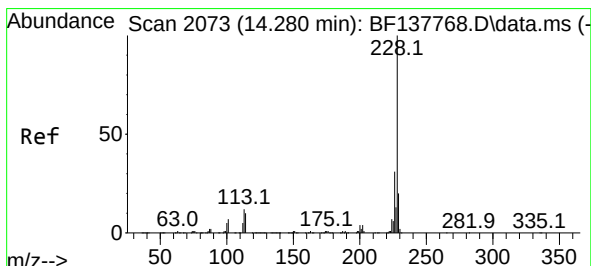
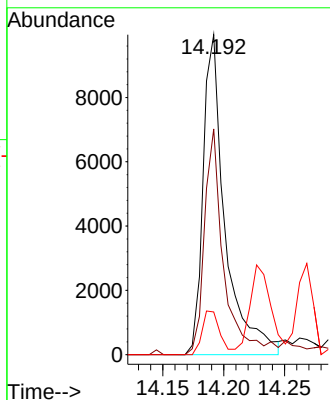
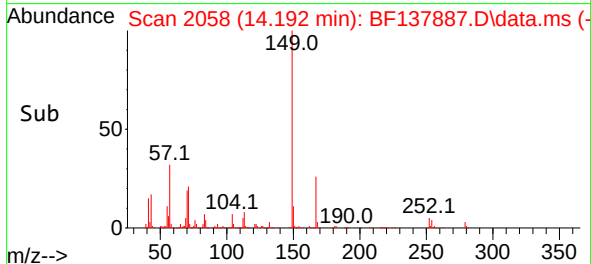


Tgt Ion:252 Resp: 12478
Ion Ratio Lower Upper
252 100
254 70.6 51.7 77.5
126 13.4 9.7 14.5

Manual Integrations

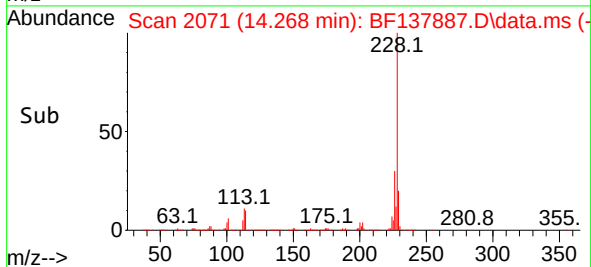
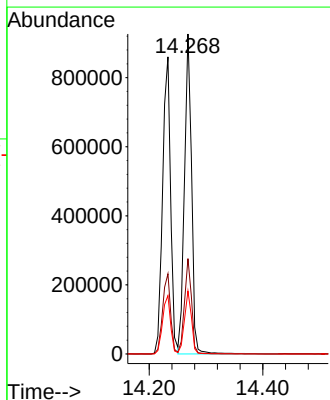
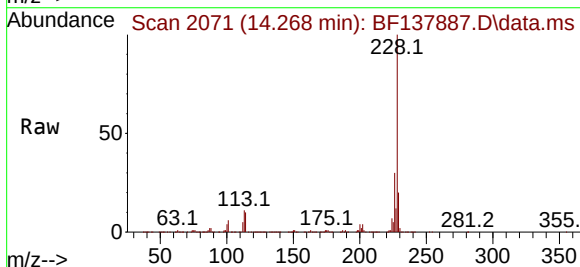
APPROVED

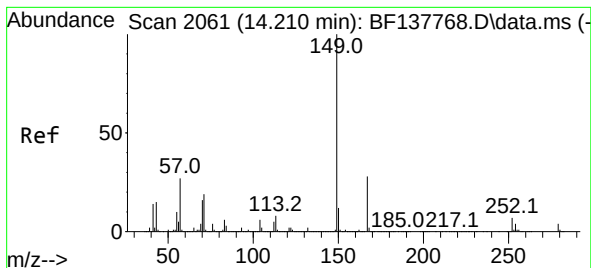
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#83
Chrysene
Concen: 51.270 ng
RT: 14.268 min Scan# 2071
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:228 Resp: 802679
Ion Ratio Lower Upper
228 100
226 29.8 24.8 37.2
229 19.7 16.0 24.0





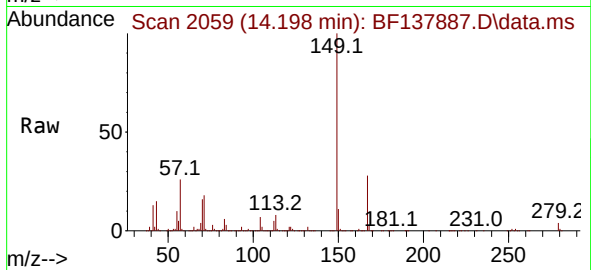
#84
Bis(2-ethylhexyl)phthalate
Concen: 58.449 ng
RT: 14.198 min Scan# 2061
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS



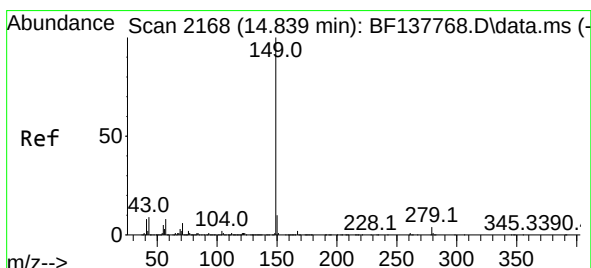
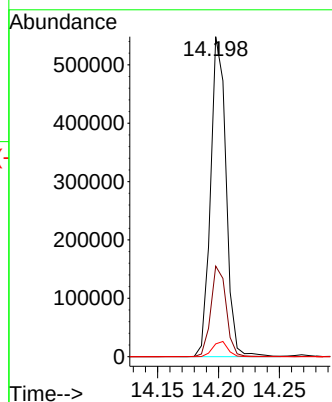
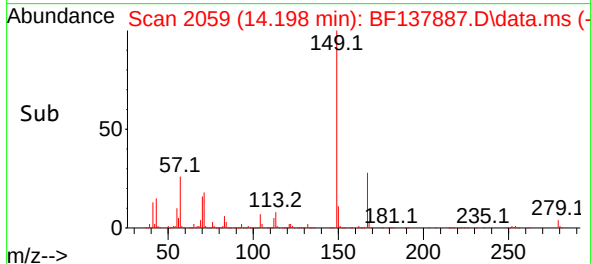
Tgt Ion:149 Resp: 484449
Ion Ratio Lower Upper
149 100
167 28.3 22.4 33.6
279 4.0 3.6 5.4

Manual Integrations

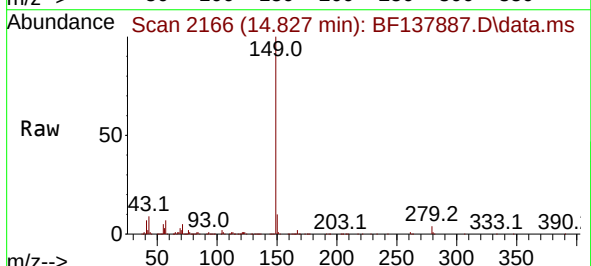
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

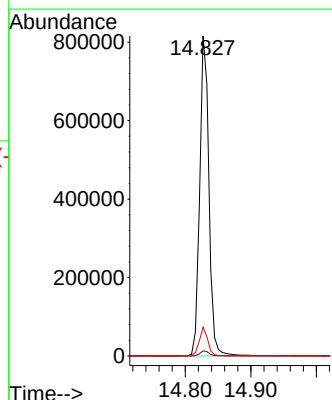
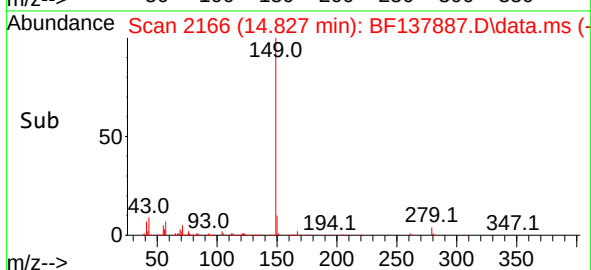
Supervised By :mohammad ahmed 05/13/2024

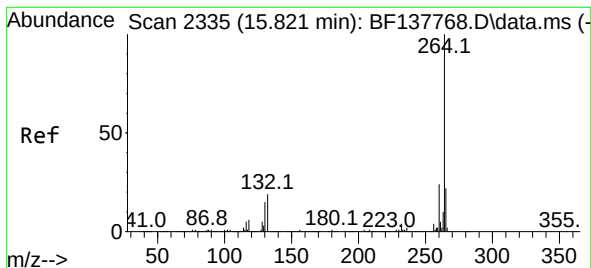


#85
Di-n-octyl phthalate
Concen: 71.647 ng
RT: 14.827 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22



Tgt Ion:149 Resp: 799199
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.2 7.5 11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.809 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

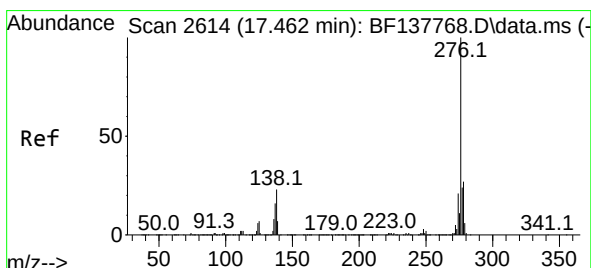
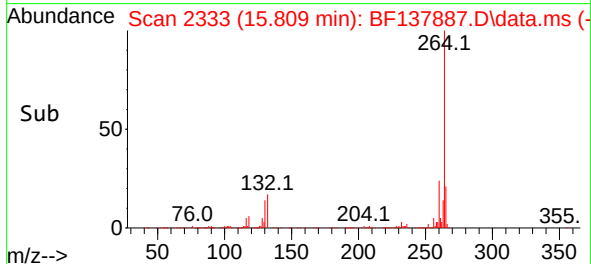
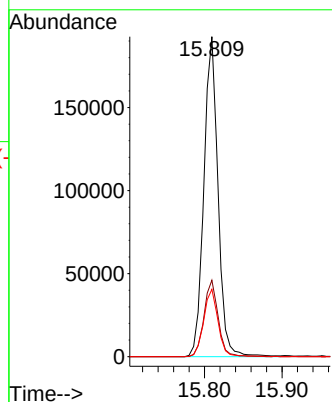
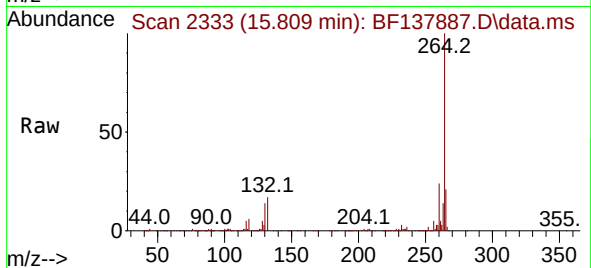
WCS-TP-DMS

Tgt Ion:264 Resp: 243990
Ion Ratio Lower Upper
264 100
260 23.9 18.9 28.3
265 21.1 17.4 26.0

Manual Integrations

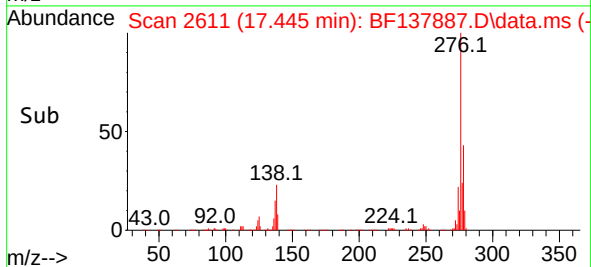
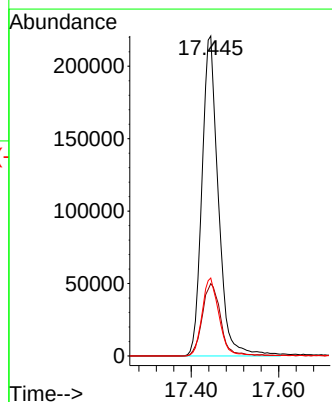
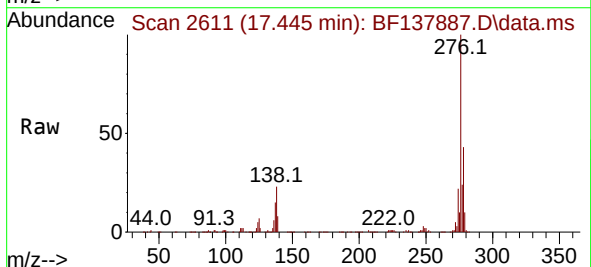
APPROVED

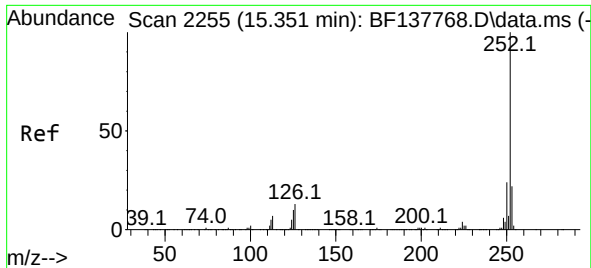
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#87
Indeno(1,2,3-cd)pyrene
Concen: 41.511 ng
RT: 17.445 min Scan# 2611
Delta R.T. -0.018 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:276 Resp: 575838
Ion Ratio Lower Upper
276 100
138 25.1 21.4 32.0
277 25.3 20.1 30.1





#88
Benzo(b)fluoranthene
Concen: 50.987 ng
RT: 15.339 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

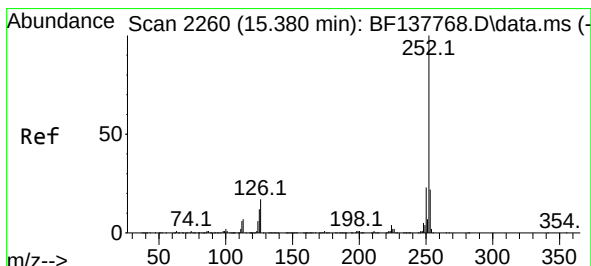
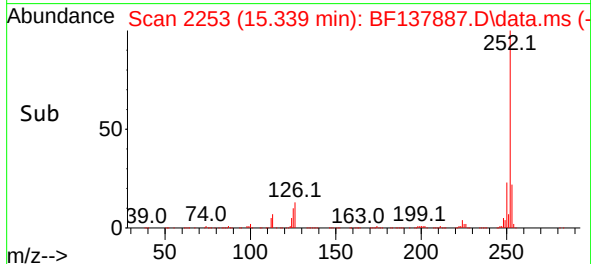
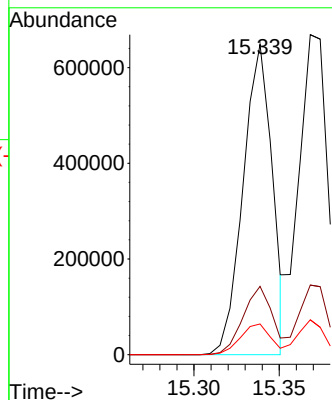
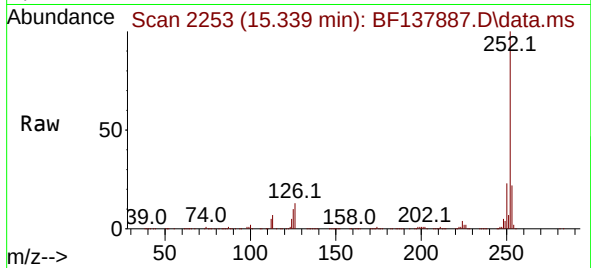
WCS-TP-DMS

Tgt Ion:252 Resp: 77402
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.9 7.9 11.9

Manual Integrations

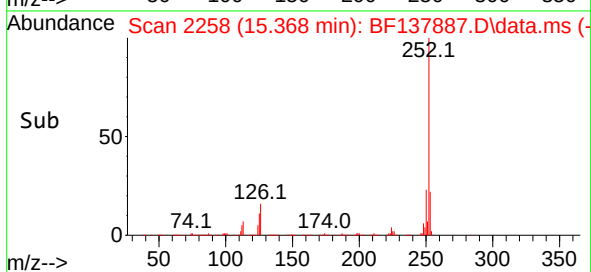
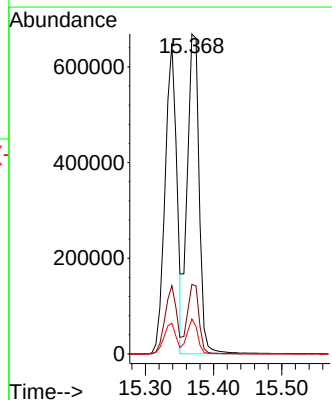
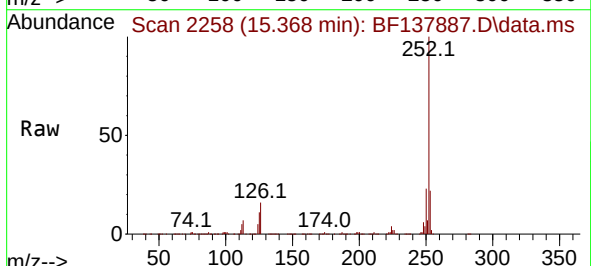
APPROVED

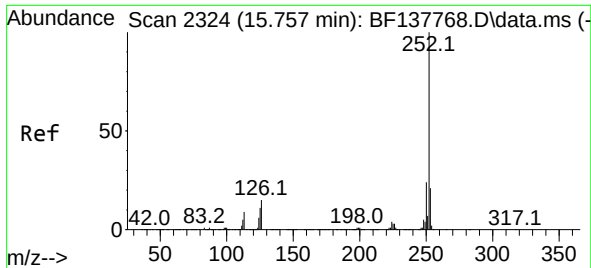
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#89
Benzo(k)fluoranthene
Concen: 54.863 ng
RT: 15.368 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:252 Resp: 804990
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.9 9.0 13.4





#90
Benzo(a)pyrene
Concen: 54.037 ng
RT: 15.745 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

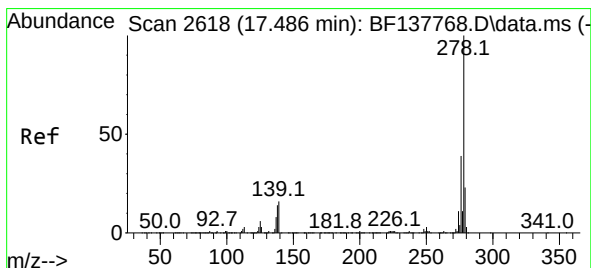
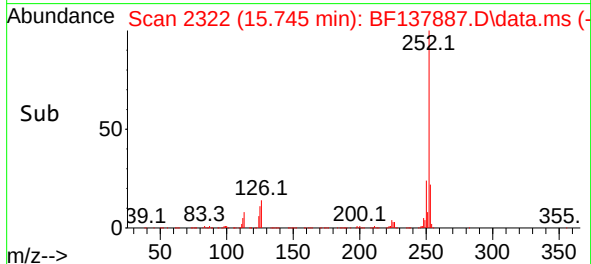
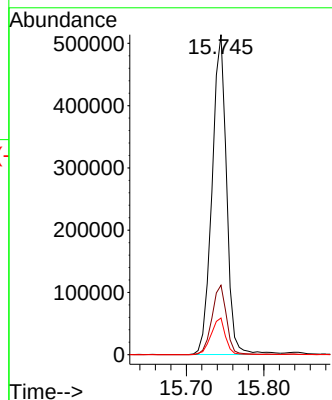
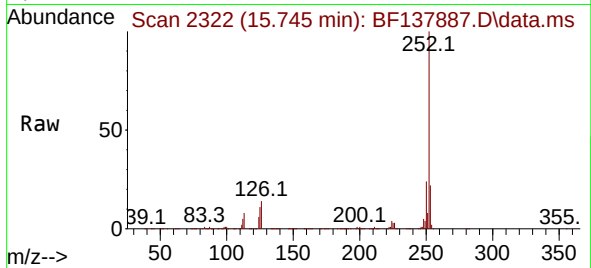
WCS-TP-DMS

Tgt Ion:252 Resp: 669240
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 11.4 9.0 13.6

Manual Integrations

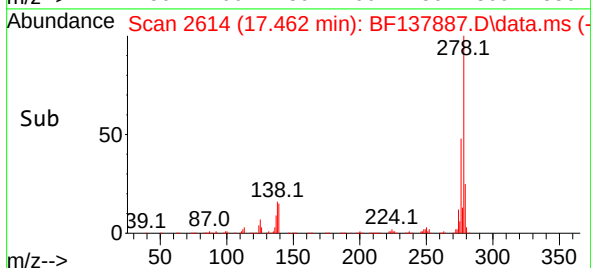
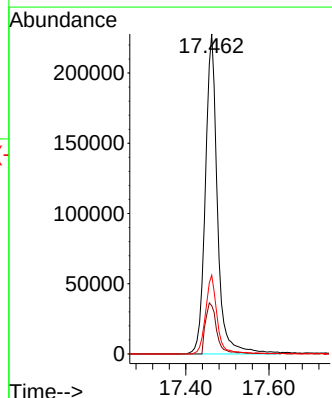
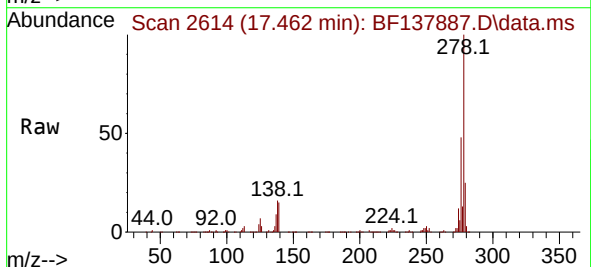
APPROVED

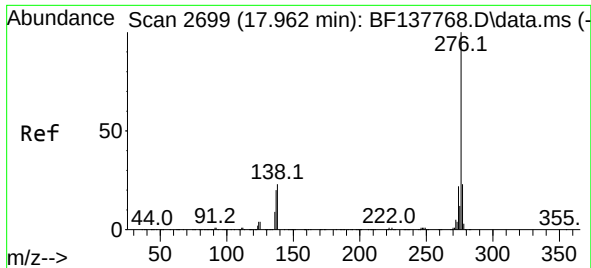
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#91
Dibenzo(a,h)anthracene
Concen: 40.731 ng
RT: 17.462 min Scan# 2614
Delta R.T. -0.024 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:278 Resp: 459908
Ion Ratio Lower Upper
278 100
139 15.1 13.0 19.6
279 24.6 18.7 28.1





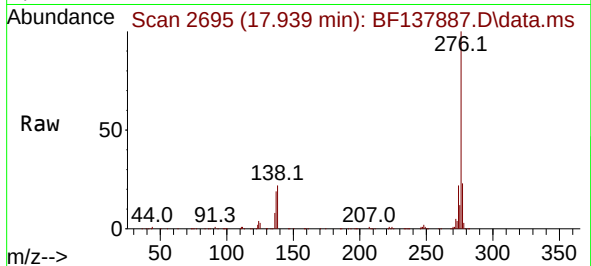
#92
 Benzo(g,h,i)perylene
 Concen: 35.492 ng
 RT: 17.939 min Scan# 20
 Delta R.T. -0.024 min
 Lab File: BF137887.D
 Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS



Tgt Ion:276 Resp: 42011
 Ion Ratio Lower Upper
 276 100
 277 22.6 18.0 27.0
 138 22.2 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024

