

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137024.D
 Acq On : 10 Jan 2024 17:24
 Operator : CG\JU
 Sample : P1085-07MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MSD

Quant Time: Jan 11 00:00:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/11/2024
 Supervised By :mohammad ahmed 01/12/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	54480	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	199687	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	90277	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	144213	20.000	ng	0.00
76) Chrysene-d12	13.975	240	124985	20.000	ng	0.00
86) Perylene-d12	15.463	264	149697	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	231836	66.397	ng	0.00
7) Phenol-d6	6.440	99	350174	77.397	ng	0.00
23) Nitrobenzene-d5	7.351	82	224889	57.629	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	50366	47.372	ng	0.00
45) 2-Fluorobiphenyl	9.140	172	427311	63.663	ng	-0.01
79) Terphenyl-d14	12.904	244	375991	42.040	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	53665	36.887	ng	95
3) Pyridine	3.363	79	120869	34.051	ng	98
4) n-Nitrosodimethylamine	3.334	42	66049m	34.844	ng	
6) Aniline	6.451	93	105178	23.252	ng	# 8
8) 2-Chlorophenol	6.575	128	134384	35.169	ng	99
9) Benzaldehyde	6.340	77	21280	8.269	ng	96
10) Phenol	6.451	94	157319	32.573	ng	95
11) bis(2-Chloroethyl)ether	6.522	93	128471	34.977	ng	98
12) 1,3-Dichlorobenzene	6.728	146	148062	35.520	ng	96
13) 1,4-Dichlorobenzene	6.804	146	148721	34.918	ng	97
14) 1,2-Dichlorobenzene	6.951	146	140018	35.330	ng	98
15) Benzyl Alcohol	6.934	79	104956	34.386	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	202384	33.702	ng	60
17) 2-Methylphenol	7.051	107	104084	32.881	ng	95
18) Hexachloroethane	7.287	117	53007	34.269	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	92901	33.873	ng	94
20) 3+4-Methylphenols	7.204	107	131456	33.241	ng	# 58
22) Acetophenone	7.193	105	188215	37.604	ng	# 88
24) Nitrobenzene	7.369	77	131776	33.710	ng	94
25) Isophorone	7.604	82	240826	33.916	ng	98
26) 2-Nitrophenol	7.681	139	69309	37.058	ng	97
27) 2,4-Dimethylphenol	7.722	122	94468	41.488	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	151991	35.214	ng	99
29) 2,4-Dichlorophenol	7.928	162	101761	34.714	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	115081	35.234	ng	99
31) Naphthalene	8.081	128	383794	34.985	ng	99
32) Benzoic acid	7.857	122	61061	27.716	ng	91
33) 4-Chloroaniline	8.140	127	49753	12.283	ng	97
34) Hexachlorobutadiene	8.193	225	70141	35.346	ng	99
35) Caprolactam	8.510	113	31065	32.123	ng	# 84
36) 4-Chloro-3-methylphenol	8.634	107	103964	31.503	ng	98
37) 2-Methylnaphthalene	8.775	142	235419	33.345	ng	100
38) 1-Methylnaphthalene	8.875	142	223453	32.260	ng	100
40) 1,2,4,5-Tetrachloroben...	8.940	216	116106	41.528	ng	100
41) Hexachlorocyclopentadiene	8.922	237	51728	59.373	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	68475	38.190	ng	98

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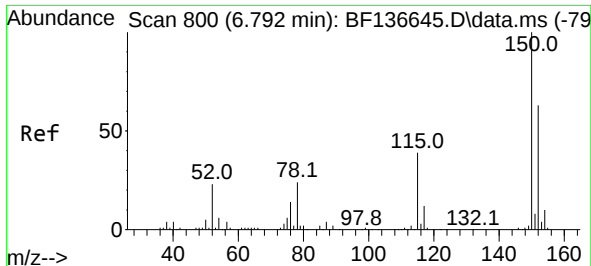
Manual Integrations
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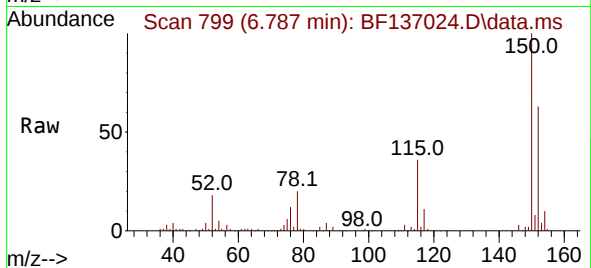
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	68800	34.433	ng	95
46) 1,1'-Biphenyl	9.240	154	304801	40.234	ng	98
47) 2-Chloronaphthalene	9.263	162	213146	37.010	ng	99
48) 2-Nitroaniline	9.369	65	63398	35.154	ng	97
49) Acenaphthylene	9.681	152	346693	39.385	ng	100
50) Dimethylphthalate	9.539	163	243996	37.002	ng	100
51) 2,6-Dinitrotoluene	9.610	165	52264	34.923	ng	92
52) Acenaphthene	9.851	154	197456	36.186	ng	97
53) 3-Nitroaniline	9.781	138	38997	24.599	ng	98
54) 2,4-Dinitrophenol	9.898	184	26359	34.032	ng #	84
55) Dibenzofuran	10.028	168	298874	36.133	ng	97
56) 4-Nitrophenol	9.969	139	51428	48.056	ng	94
57) 2,4-Dinitrotoluene	10.022	165	61713	31.765	ng	93
58) Fluorene	10.369	166	230648	35.143	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	50084	32.563	ng	98
60) Diethylphthalate	10.245	149	237396	34.698	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	112434	35.244	ng	94
62) 4-Nitroaniline	10.398	138	42112	27.556	ng	95
63) Azobenzene	10.522	77	210404	32.926	ng	98
65) 4,6-Dinitro-2-methylph...	10.434	198	21810	26.389	ng	91
66) n-Nitrosodiphenylamine	10.481	169	196150	41.870	ng	98
67) 4-Bromophenyl-phenylether	10.851	248	63644	39.738	ng	99
68) Hexachlorobenzene	10.922	284	67396	37.761	ng	98
69) Atrazine	11.016	200	58747	49.029	ng	98
70) Pentachlorophenol	11.128	266	41272	49.610	ng	98
71) Phenanthrene	11.339	178	298338	40.318	ng	99
72) Anthracene	11.392	178	293100	39.112	ng	99
73) Carbazole	11.551	167	264026	37.369	ng	100
74) Di-n-butylphthalate	11.875	149	336677	39.051	ng	100
75) Fluoranthene	12.533	202	319141	40.321	ng	98
77) Benzidine	12.663	184	118908	32.266	ng	98
78) Pyrene	12.763	202	337277	27.489	ng	100
80) Butylbenzylphthalate	13.386	149	140558	31.484	ng	98
81) Benzo(a)anthracene	13.963	228	331082	38.148	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	93783	38.050	ng	97
83) Chrysene	13.998	228	309224	36.435	ng	97
84) Bis(2-ethylhexyl)phtha...	13.945	149	213800	38.062	ng	98
85) Di-n-octyl phthalate	14.563	149	393466	45.284	ng	97
87) Indeno(1,2,3-cd)pyrene	16.986	276	335057	31.000	ng	100
88) Benzo(b)fluoranthene	15.027	252	344800	34.486	ng	99
89) Benzo(k)fluoranthene	15.057	252	318783	33.742	ng	99
90) Benzo(a)pyrene	15.398	252	301440	35.717	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	282967	31.912	ng	97
92) Benzo(g,h,i)perylene	17.451	276	245389	27.020	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

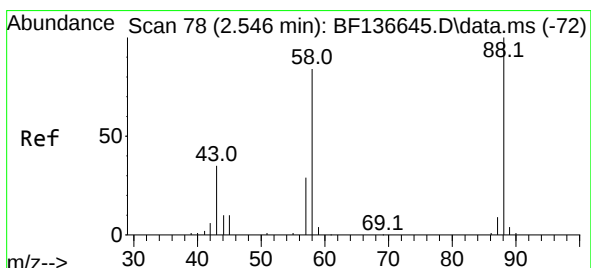
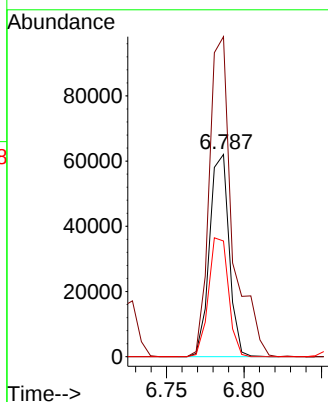
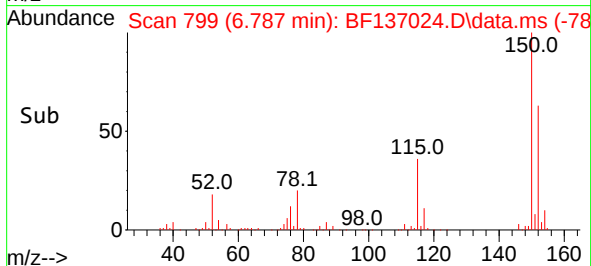
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:152 Resp: 54480
Ion Ratio Lower Upper
152 100
150 158.2 127.0 190.6
115 57.2 49.0 73.4

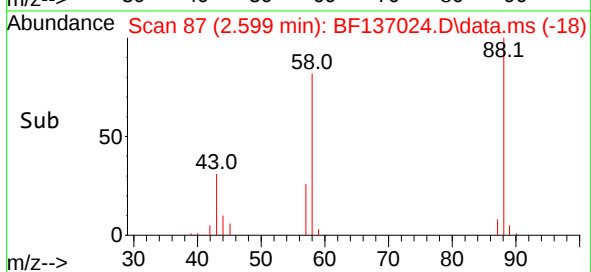
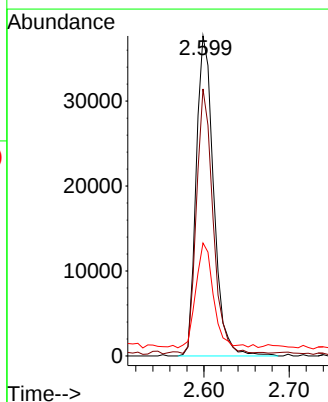
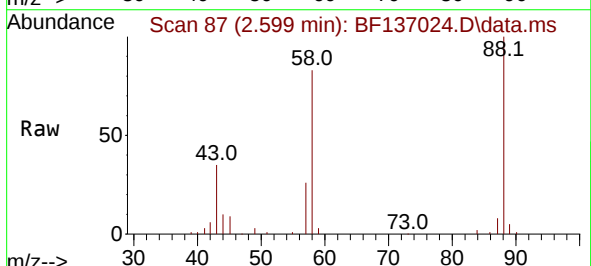
Manual Integrations
APPROVED

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#2
1,4-Dioxane
Concen: 36.887 ng
RT: 2.599 min Scan# 87
Delta R.T. 0.053 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

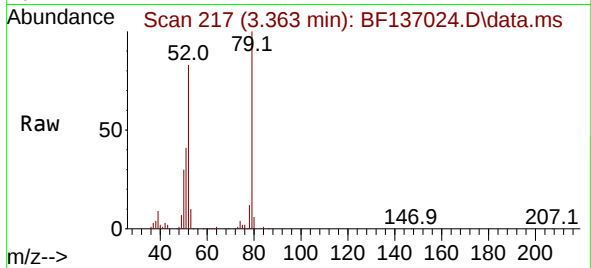
Tgt Ion: 88 Resp: 53665
Ion Ratio Lower Upper
88 100
58 78.9 67.4 101.0
43 33.1 27.7 41.5





#3
Pyridine
Concen: 34.051 ng
RT: 3.363 min Scan# 212
Delta R.T. 0.059 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

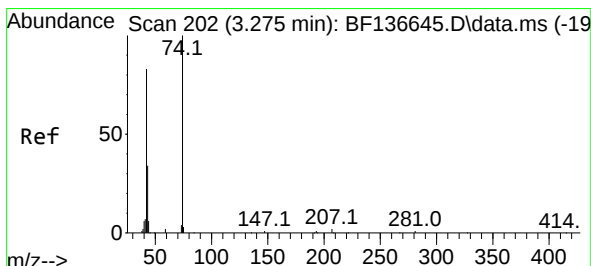
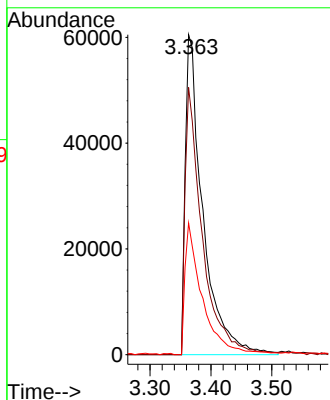
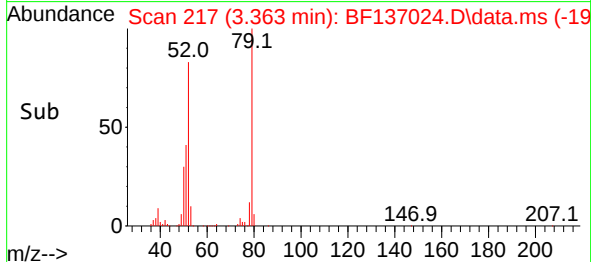
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion: 79 Resp: 120869
Ion Ratio Lower Upper
79 100
52 83.5 67.7 101.5
51 41.2 34.0 51.0

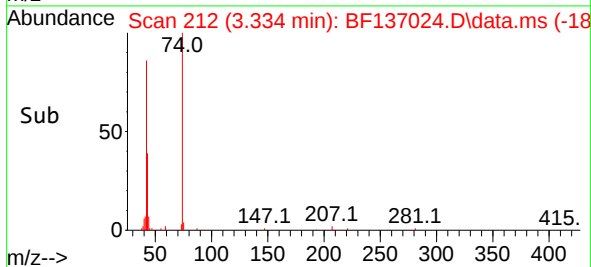
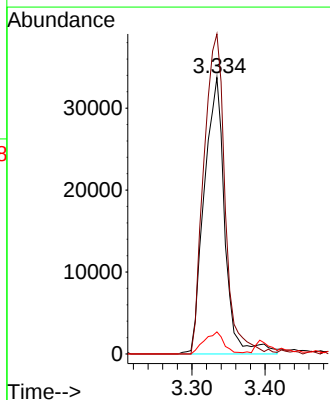
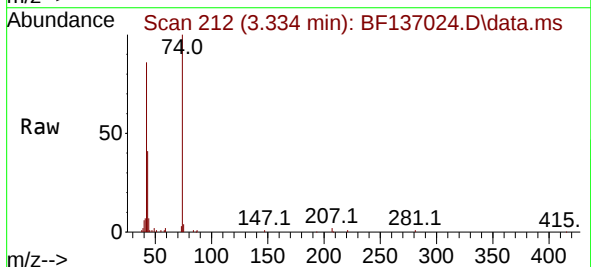
Manual Integrations
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Supervised By :mohammad ahmed 01/12/2024



#4
n-Nitrosodimethylamine
Concen: 34.844 ng m
RT: 3.334 min Scan# 212
Delta R.T. 0.059 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion: 42 Resp: 66049
Ion Ratio Lower Upper
42 100
74 115.8 96.0 144.0
44 8.0 5.4 8.2





#5
2-Fluorophenol
Concen: 66.397 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

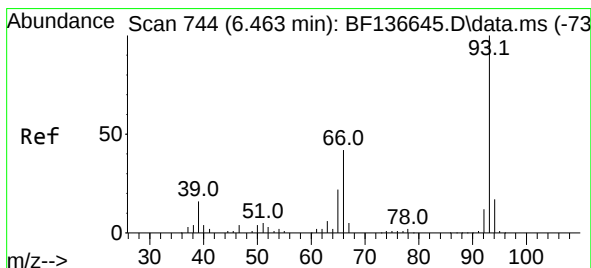
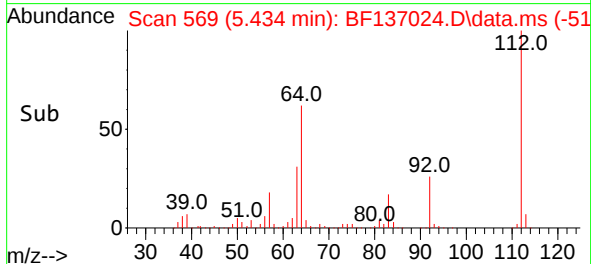
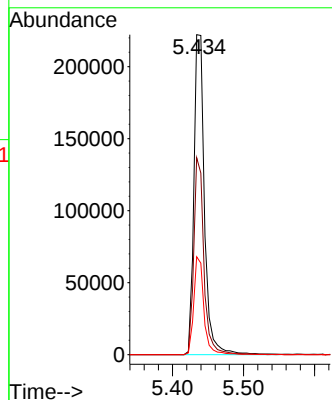
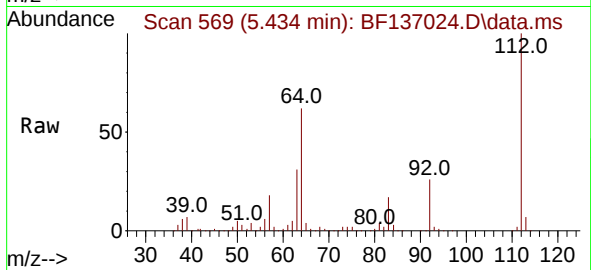
TP-4MSD

Tgt Ion:112 Resp: 231830
Ion Ratio Lower Upper
112 100
64 61.6 51.1 76.7
63 30.6 26.1 39.1

Manual Integrations

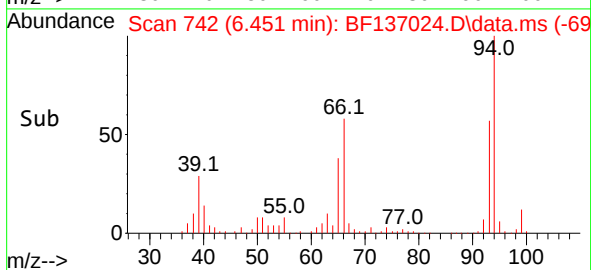
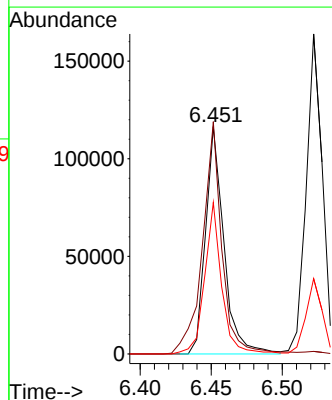
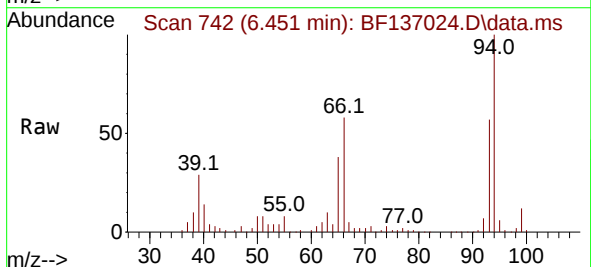
APPROVED

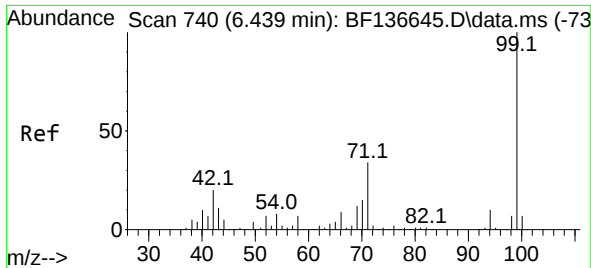
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#6
Aniline
Concen: 23.252 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion: 93 Resp: 105178
Ion Ratio Lower Upper
93 100
66 102.2 34.6 51.8#
65 66.6 17.8 26.8#





#7

Phenol-d6

Concen: 77.397 ng

RT: 6.440 min Scan# 740

Delta R.T. 0.000 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

Tgt Ion: 99 Resp: 350174

Ion Ratio Lower Upper

99 100

42 18.7 16.1 24.1

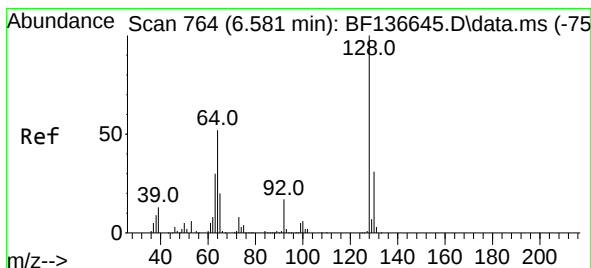
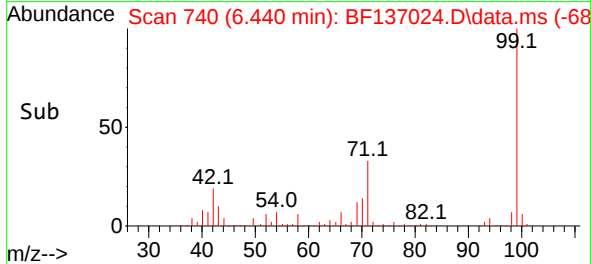
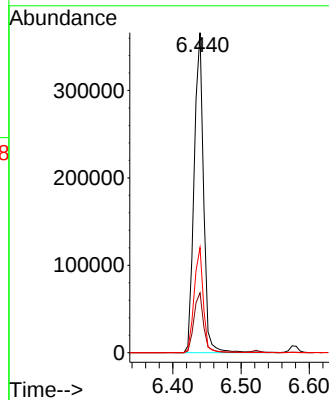
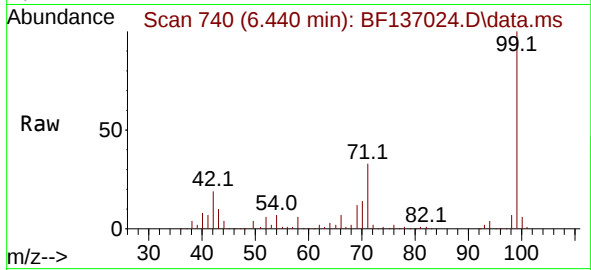
71 32.9 27.4 41.2

Manual Integrations

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#8

2-Chlorophenol

Concen: 35.169 ng

RT: 6.575 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

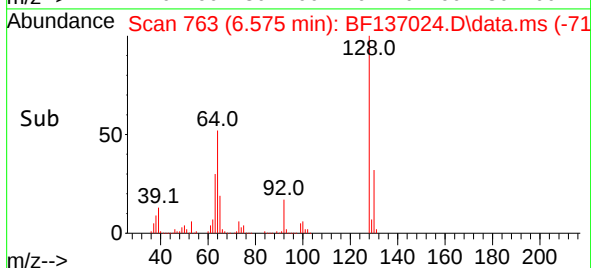
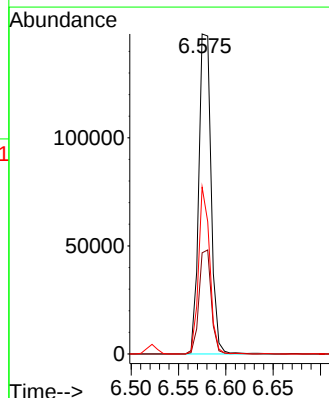
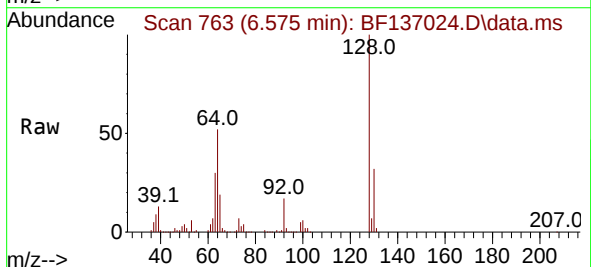
Tgt Ion:128 Resp: 134384

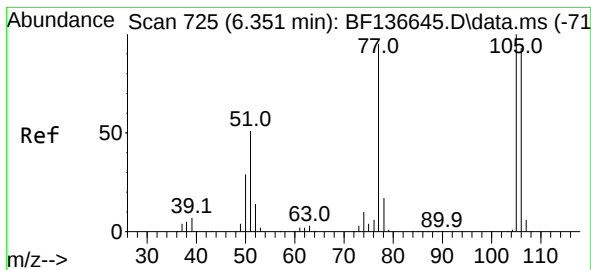
Ion Ratio Lower Upper

128 100

130 31.6 11.3 51.3

64 52.1 32.5 72.5





#9

Benzaldehyde

Concen: 8.269 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.011 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

Tgt Ion: 77 Resp: 21280

Ion Ratio Lower Upper

77 100

105 101.5 84.8 124.8

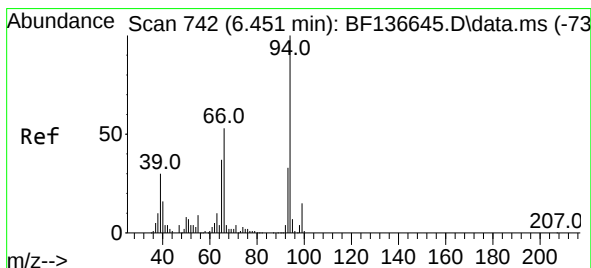
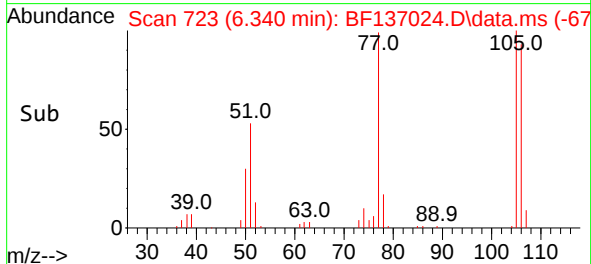
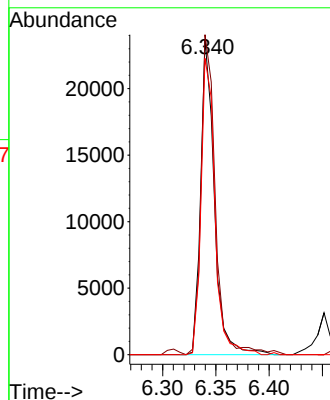
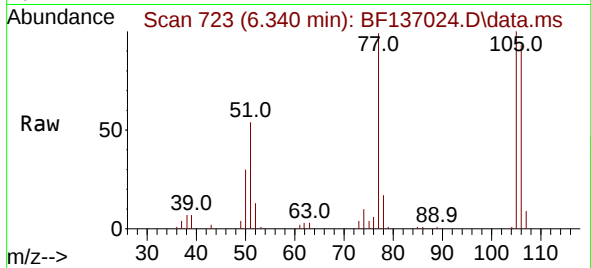
106 94.0 77.8 117.8

Manual Integrations

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#10

Phenol

Concen: 32.573 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.000 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

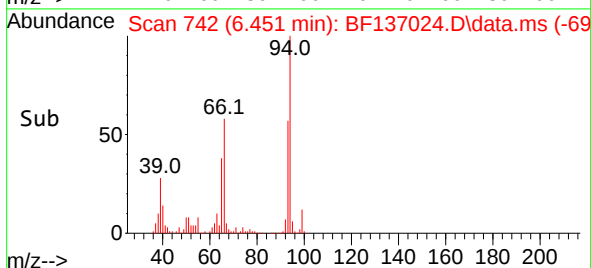
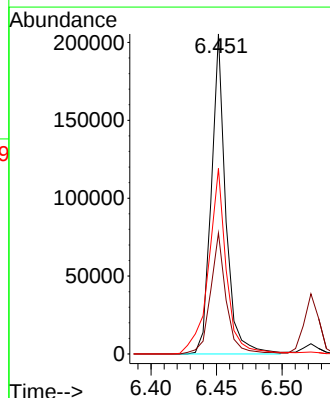
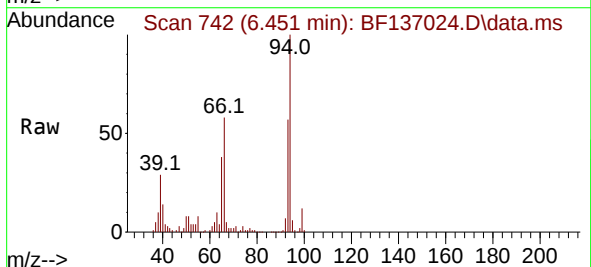
Tgt Ion: 94 Resp: 157319

Ion Ratio Lower Upper

94 100

65 37.8 16.6 56.6

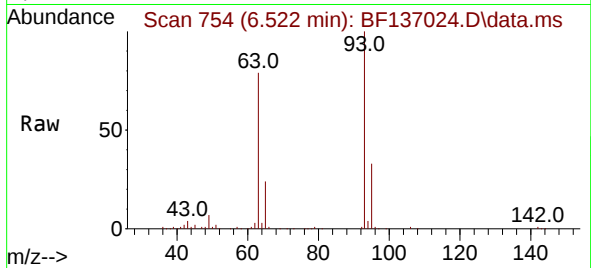
66 58.0 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 34.977 ng
RT: 6.522 min Scan# 756
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

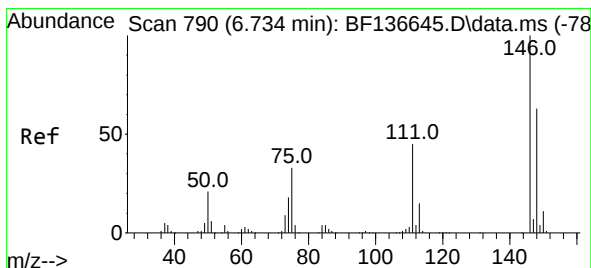
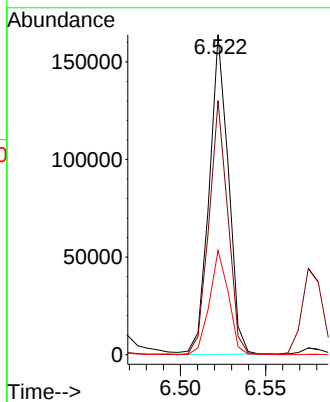
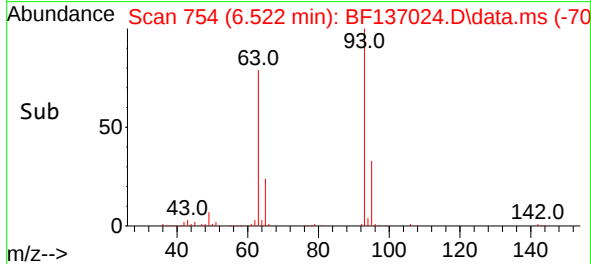
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion: 93 Resp: 12847
Ion Ratio Lower Upper
93 100
63 79.4 61.2 101.2
95 32.5 11.6 51.6

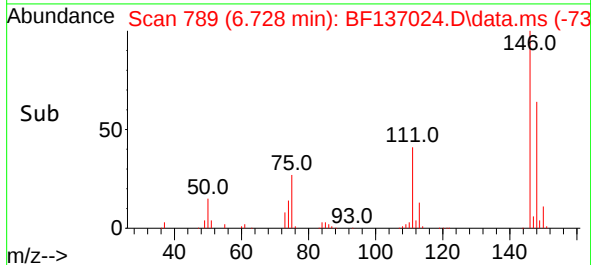
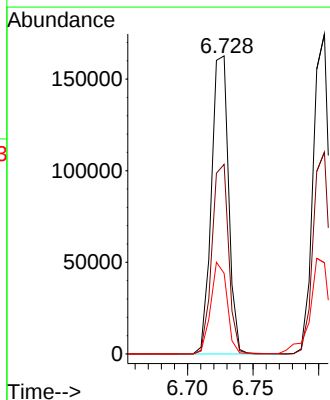
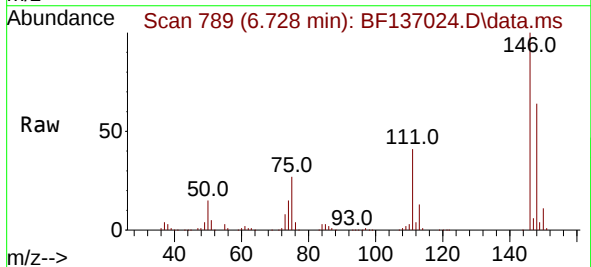
Manual Integrations
APPROVED

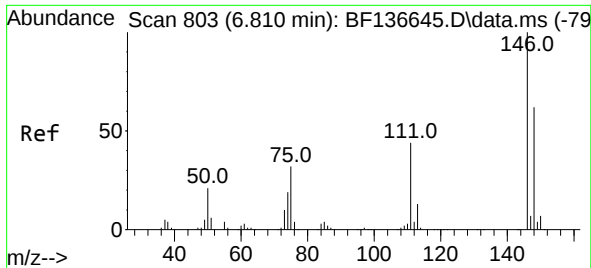
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#12
1,3-Dichlorobenzene
Concen: 35.520 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

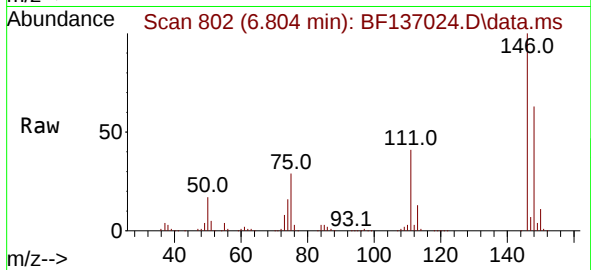
Tgt Ion:146 Resp: 148062
Ion Ratio Lower Upper
146 100
148 63.6 50.5 75.7
75 27.1 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 34.918 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

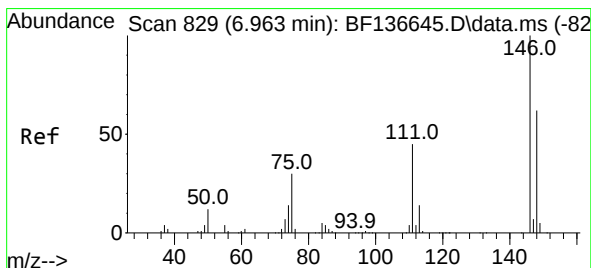
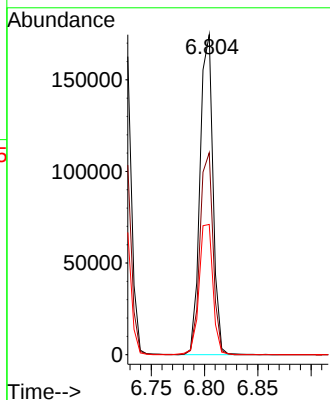
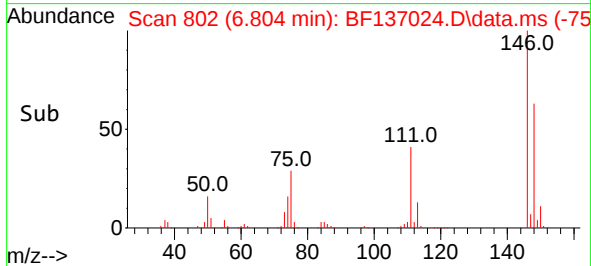
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



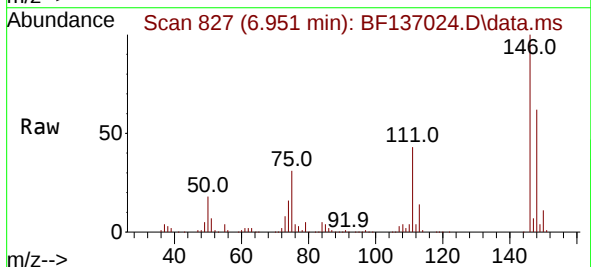
Tgt Ion:146 Resp: 14872
Ion Ratio Lower Upper
146 100
148 63.1 49.2 73.8
111 40.7 35.2 52.8

Manual Integrations
APPROVED

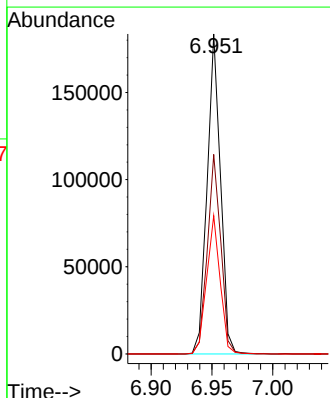
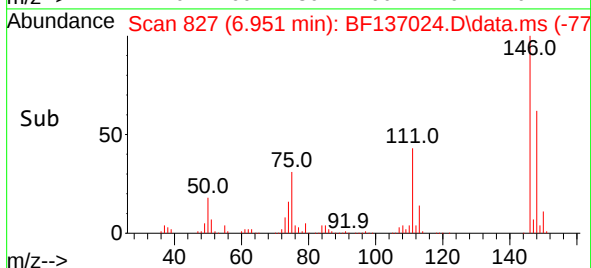
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

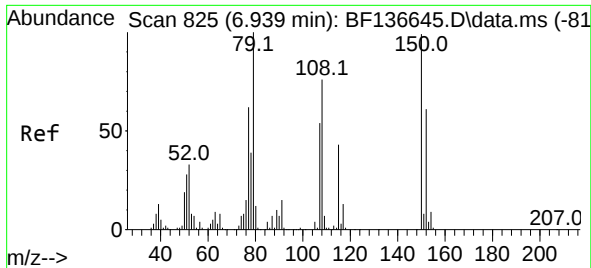


#14
1,2-Dichlorobenzene
Concen: 35.330 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24



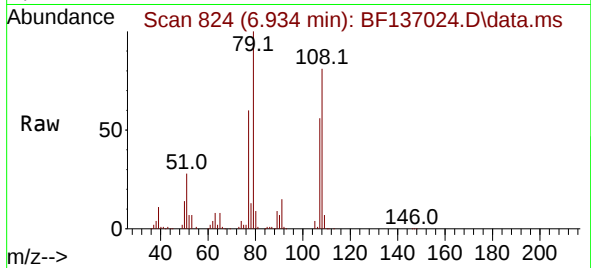
Tgt Ion:146 Resp: 140018
Ion Ratio Lower Upper
146 100
148 62.3 49.6 74.4
111 43.2 36.2 54.2





#15
Benzyl Alcohol
Concen: 34.386 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

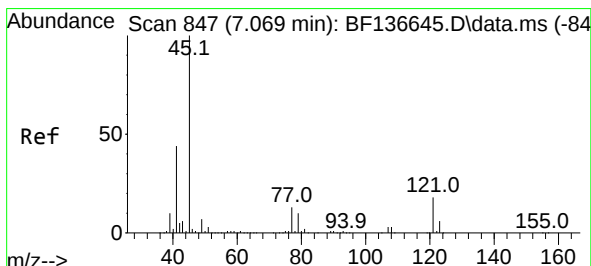
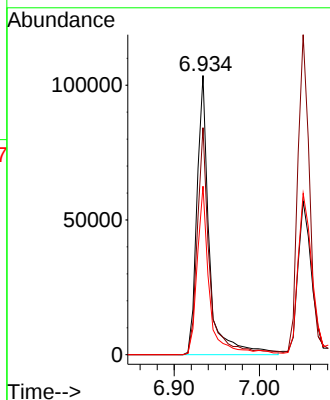
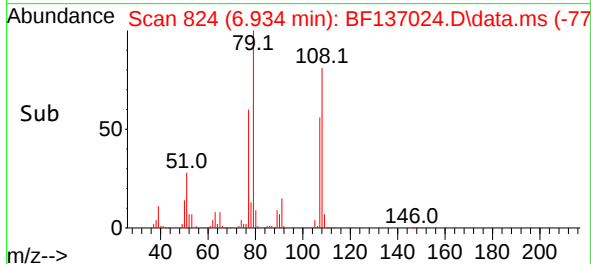
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion: 79 Resp: 104950
Ion Ratio Lower Upper
79 100
108 81.3 61.0 91.6
77 60.4 49.8 74.8

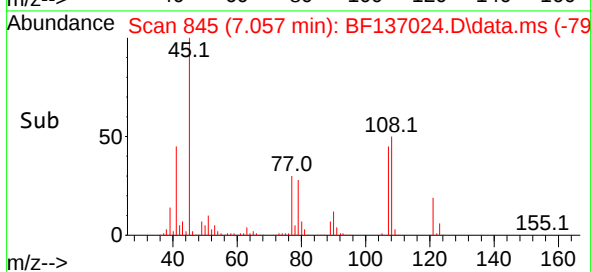
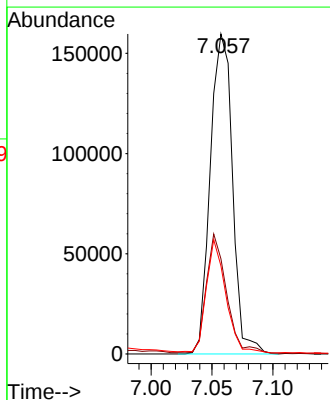
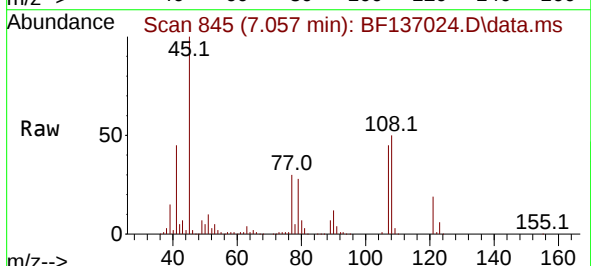
Manual Integrations
APPROVED

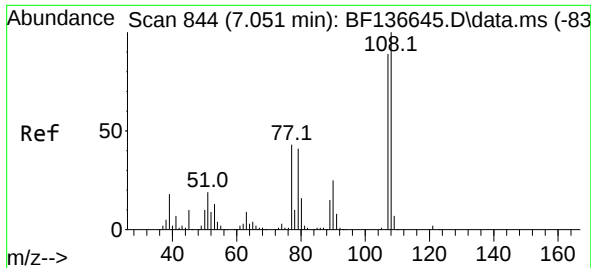
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.702 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion: 45 Resp: 202384
Ion Ratio Lower Upper
45 100
77 29.8 0.0 34.3
79 27.5 0.0 31.4





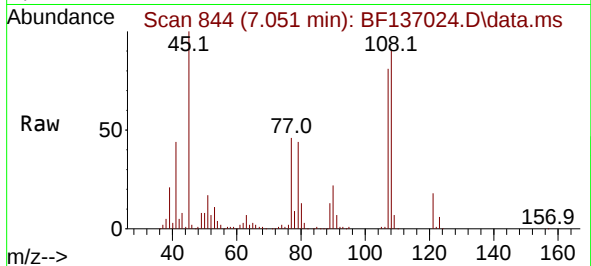
#17
2-Methylphenol
Concen: 32.881 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

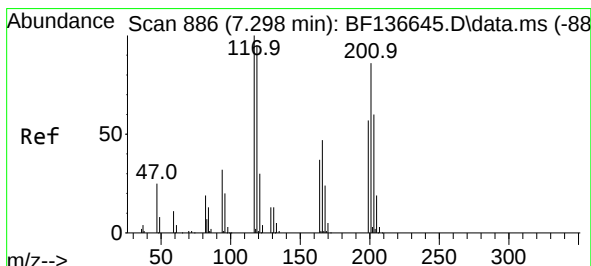
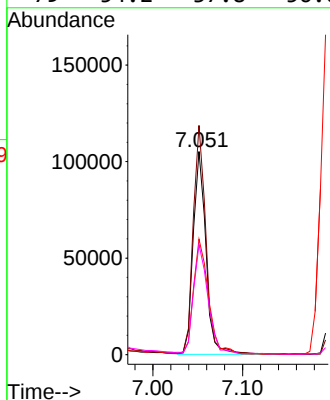
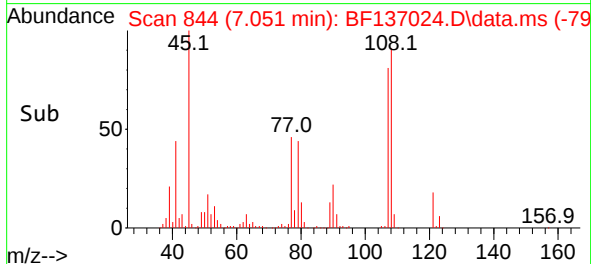


Tgt Ion:107 Resp: 104084
Ion Ratio Lower Upper
107 100
108 112.9 90.3 135.5
77 56.9 38.7 58.1
79 54.2 37.8 56.6

Manual Integrations

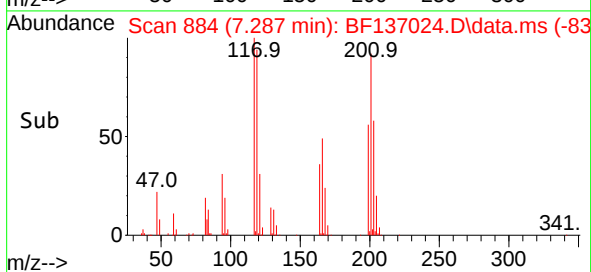
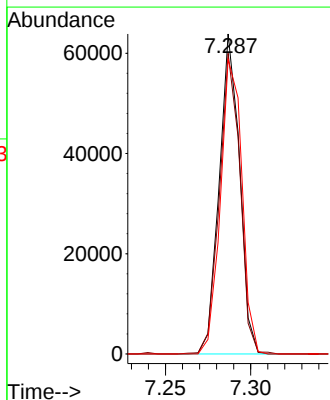
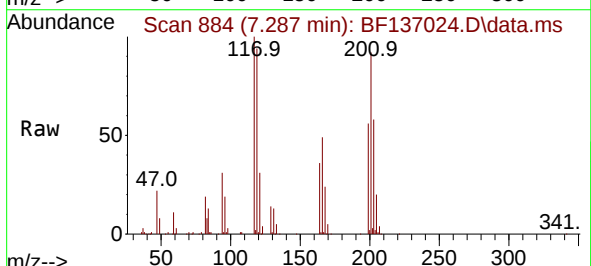
APPROVED

Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#18
Hexachloroethane
Concen: 34.269 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

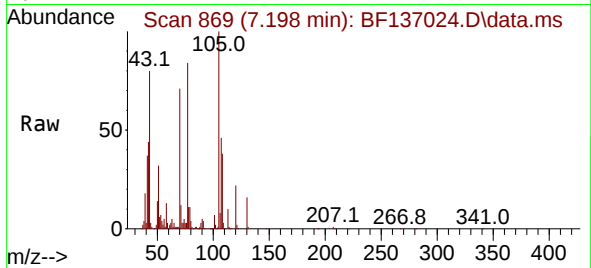
Tgt Ion:117 Resp: 53007
Ion Ratio Lower Upper
117 100
119 93.9 75.8 113.6
201 92.1 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 33.873 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

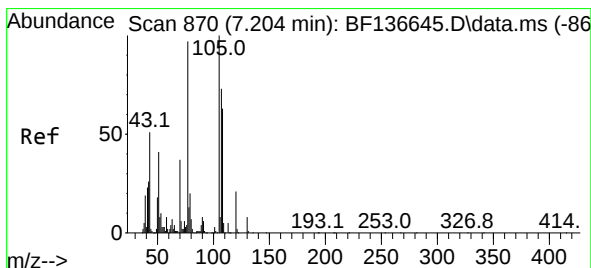
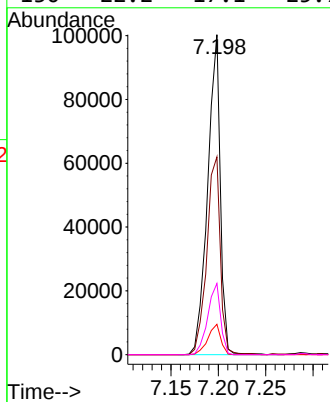
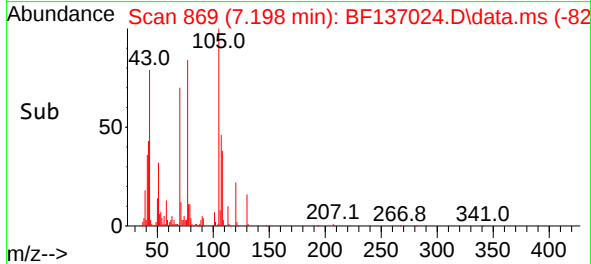
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



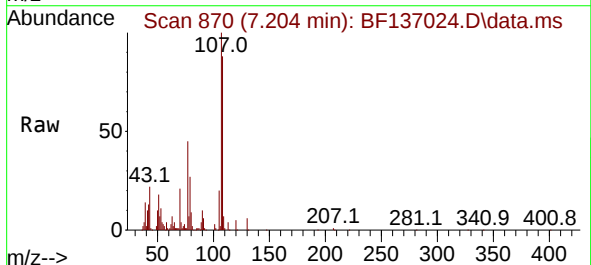
Tgt Ion: 70 Resp: 9290
Ion Ratio Lower Upper
70 100
42 61.8 54.2 81.4
101 9.5 7.6 11.4
130 22.2 17.1 25.7

Manual Integrations
APPROVED

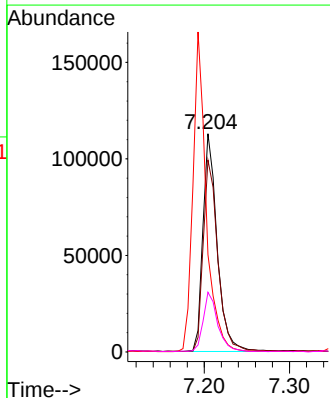
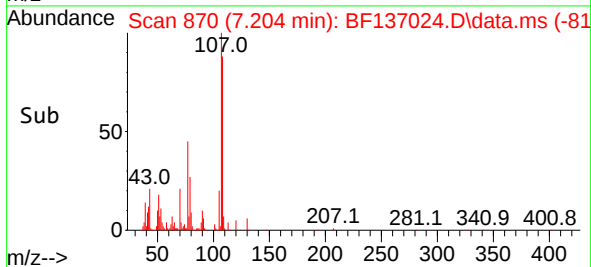
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

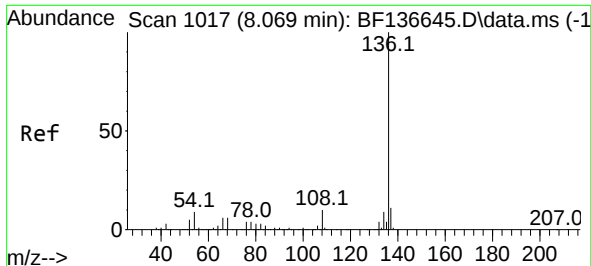


#20
3+4-Methylphenols
Concen: 33.241 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24



Tgt Ion:107 Resp: 131456
Ion Ratio Lower Upper
107 100
108 87.9 66.0 106.0
77 44.5 114.2 154.2#
79 27.3 7.2 47.2





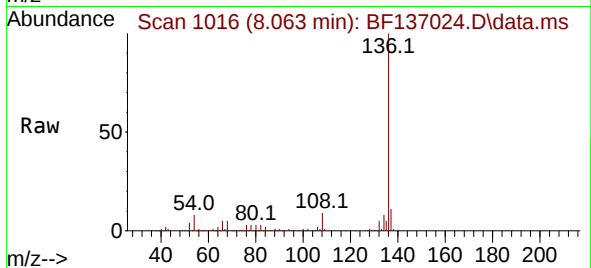
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

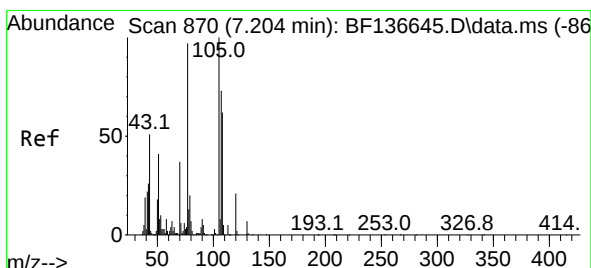
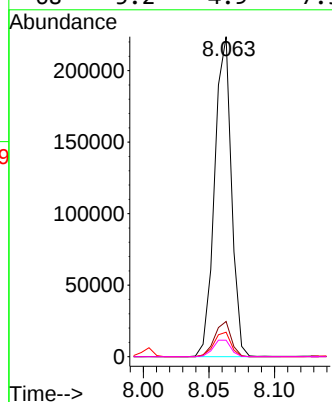
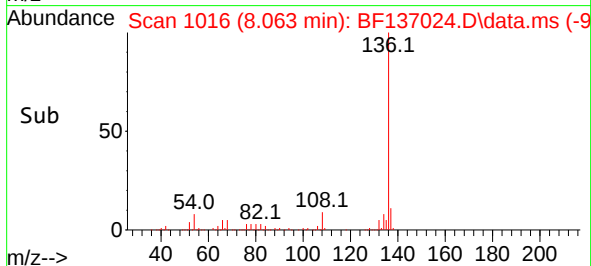


Tgt Ion:136 Resp: 19968
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 7.6 7.2 10.8
68 5.2 4.9 7.3

Manual Integrations

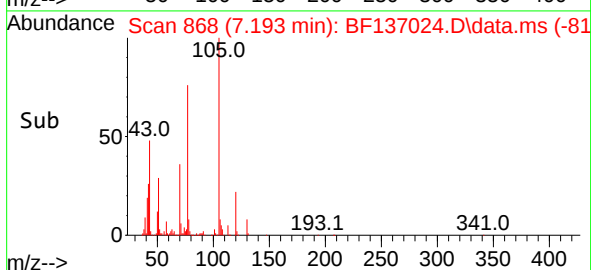
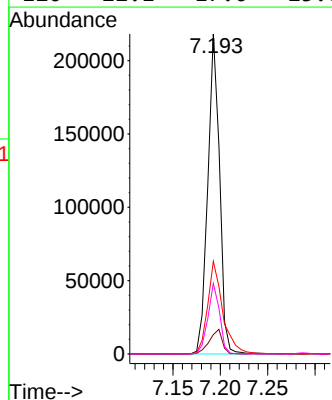
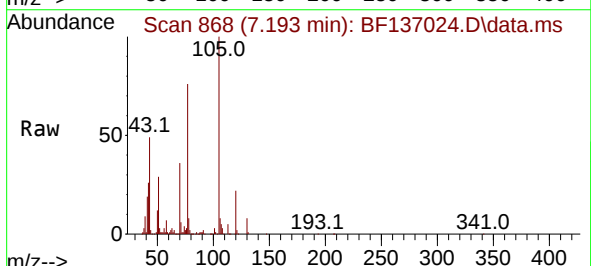
APPROVED

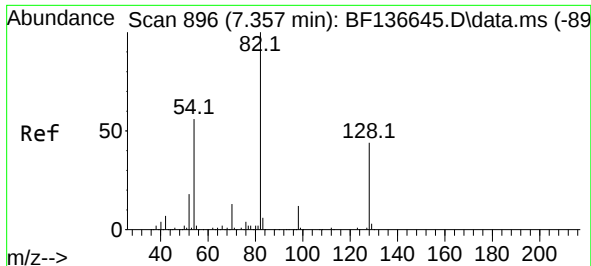
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#22
Acetophenone
Concen: 37.604 ng
RT: 7.193 min Scan# 868
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:105 Resp: 188215
Ion Ratio Lower Upper
105 100
71 6.0 4.8 7.2
51 29.0 32.8 49.2#
120 22.1 17.0 25.6





#23

Nitrobenzene-d5

Concen: 57.629 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

Tgt Ion: 82 Resp: 224889

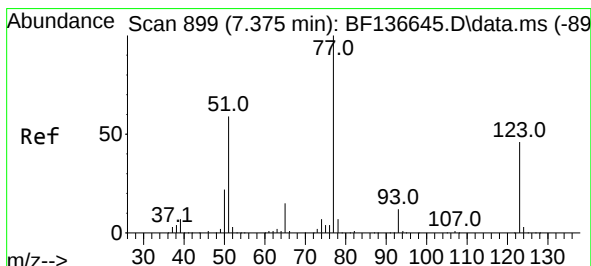
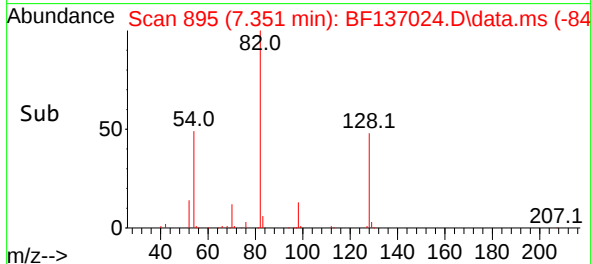
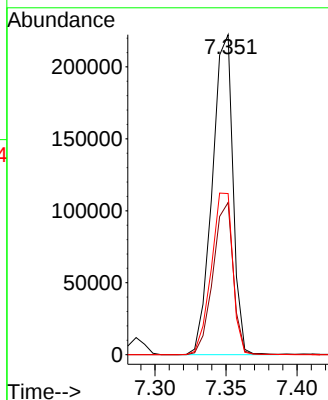
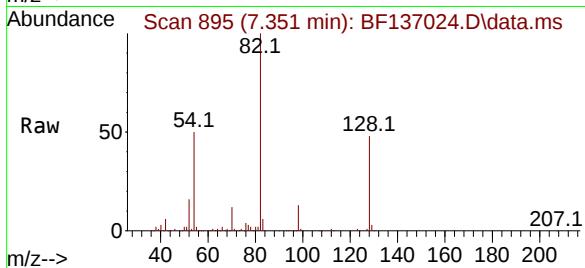
Ion	Ratio	Lower	Upper
82	100		
128	47.6	35.3	52.9
54	50.4	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#24

Nitrobenzene

Concen: 33.710 ng

RT: 7.369 min Scan# 898

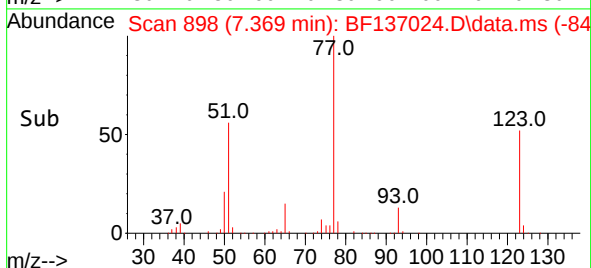
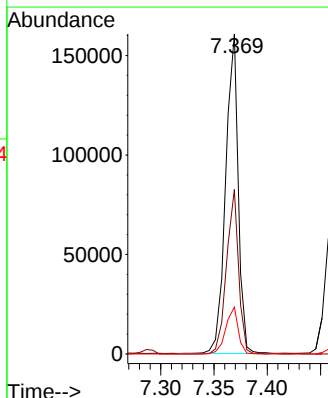
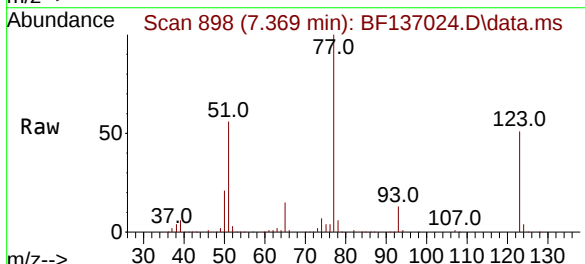
Delta R.T. -0.006 min

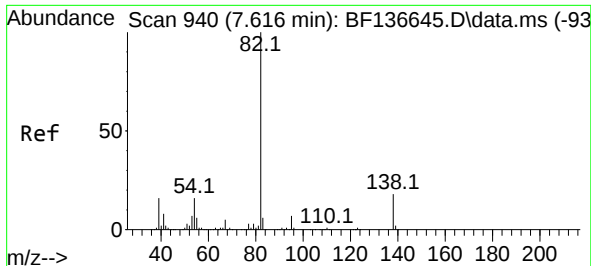
Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Tgt Ion: 77 Resp: 131776

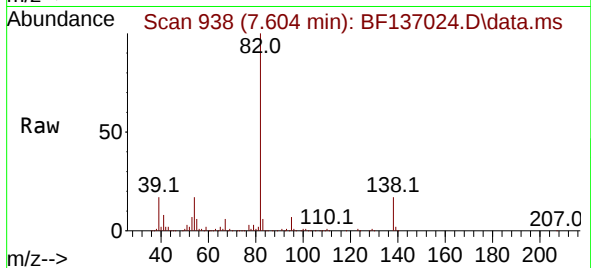
Ion	Ratio	Lower	Upper
77	100		
123	51.4	36.7	55.1
65	14.6	11.8	17.6





#25
Isophorone
Concen: 33.916 ng
RT: 7.604 min Scan# 911
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

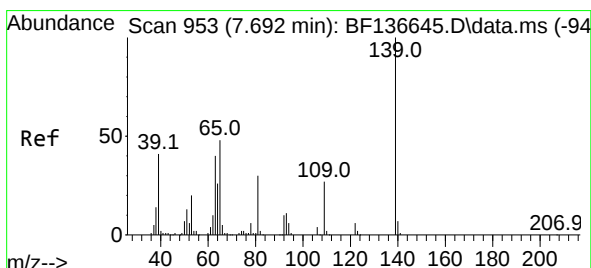
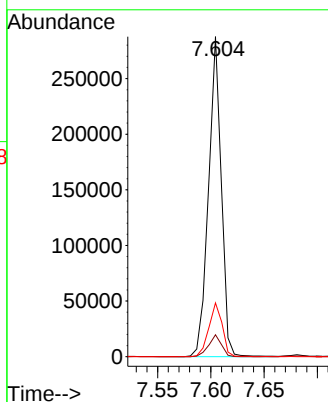
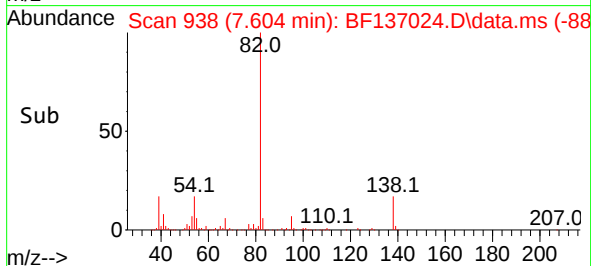
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion: 82 Resp: 240820
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 16.8 14.5 21.7

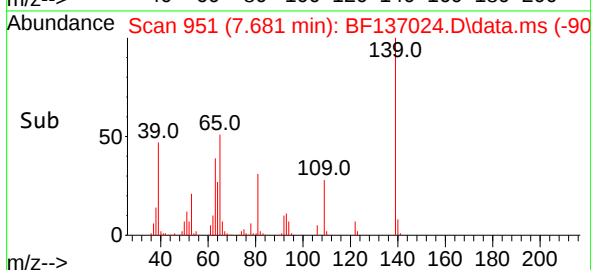
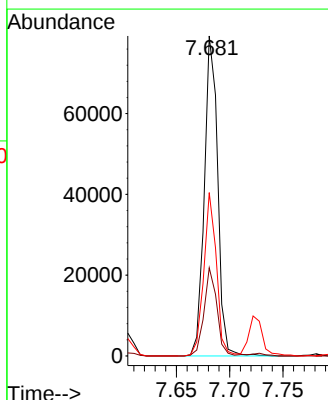
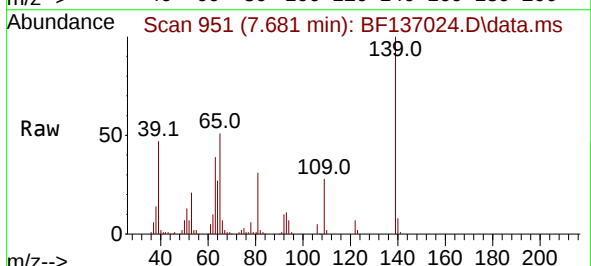
Manual Integrations
APPROVED

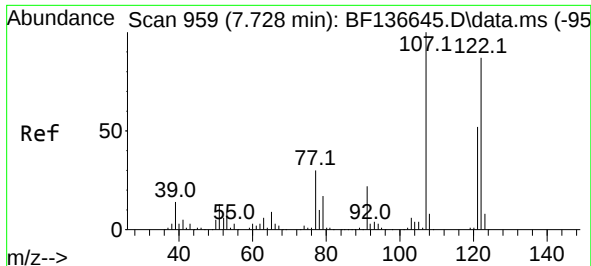
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#26
2-Nitrophenol
Concen: 37.058 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:139 Resp: 69309
Ion Ratio Lower Upper
139 100
109 27.6 21.9 32.9
65 51.0 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 41.488 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

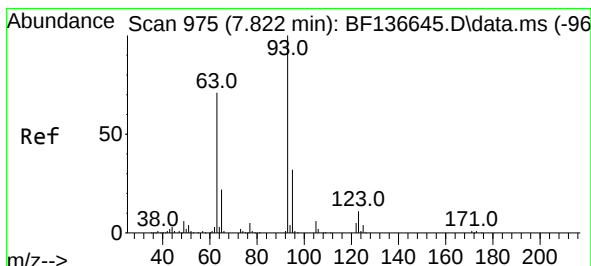
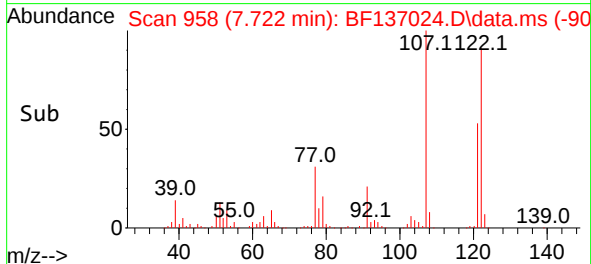
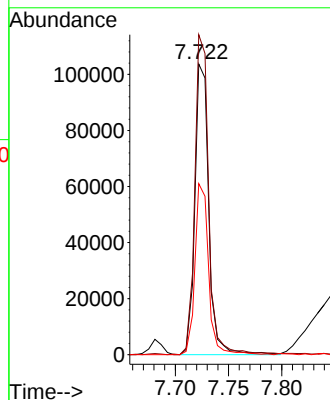
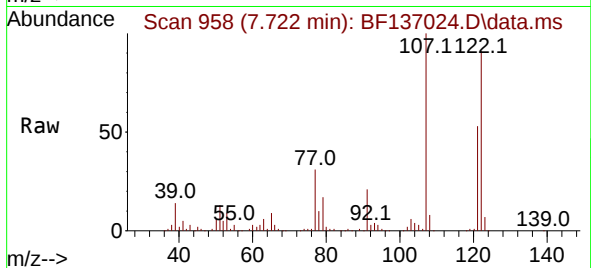
Tgt Ion:122 Resp: 94468
 Ion Ratio Lower Upper
 122 100
 107 110.0 92.0 138.0
 121 58.8 47.5 71.3

Manual Integrations

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Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#28

bis(2-Chloroethoxy)methane

Concen: 35.214 ng

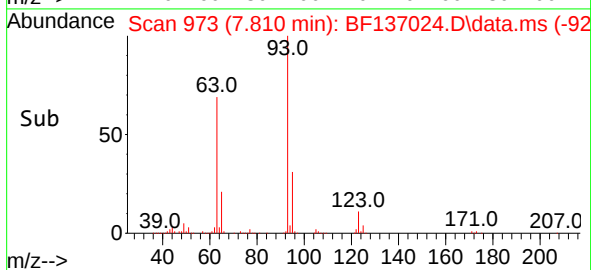
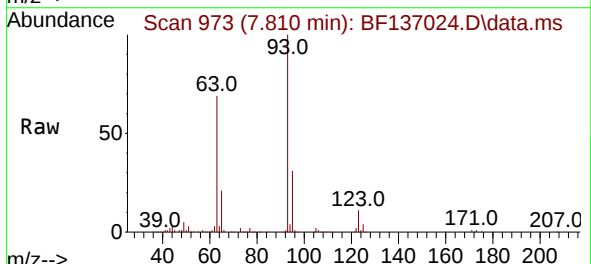
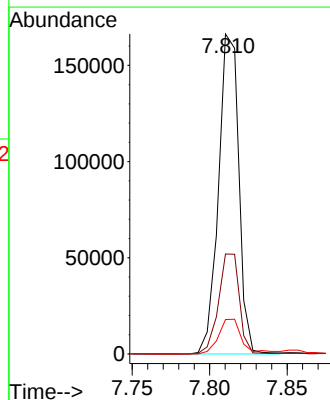
RT: 7.810 min Scan# 973

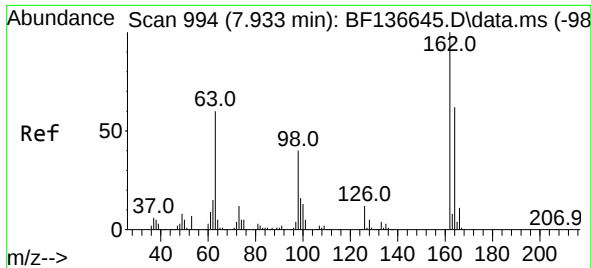
Delta R.T. -0.011 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Tgt Ion: 93 Resp: 151991
 Ion Ratio Lower Upper
 93 100
 95 31.2 25.5 38.3
 123 10.8 9.2 13.8





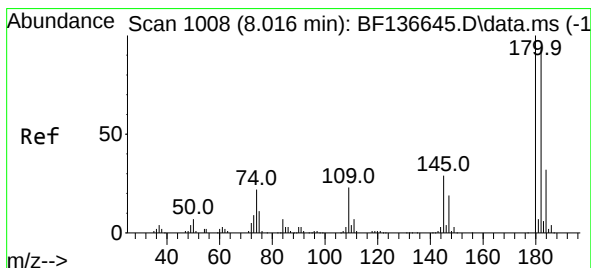
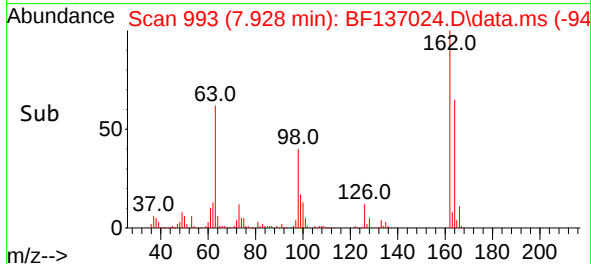
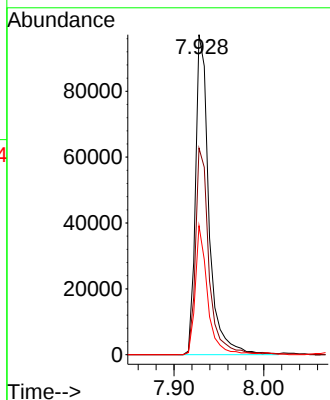
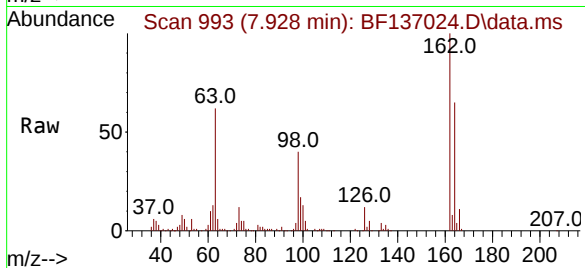
#29
2,4-Dichlorophenol
Concen: 34.714 ng
RT: 7.928 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tgt Ion:162 Resp: 10176
Ion Ratio Lower Upper
162 100
164 64.6 41.7 81.7
98 40.3 19.5 59.5

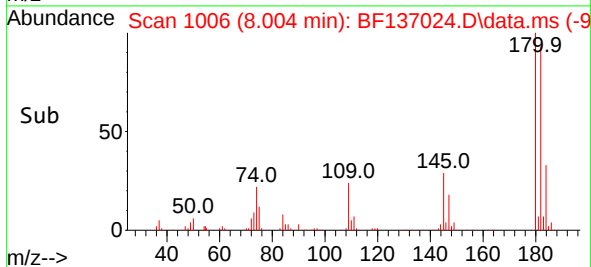
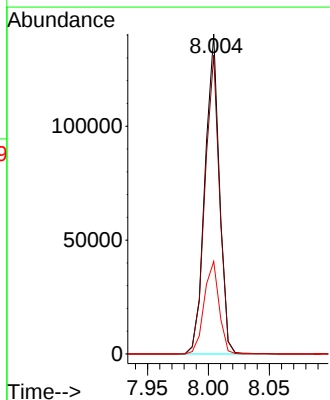
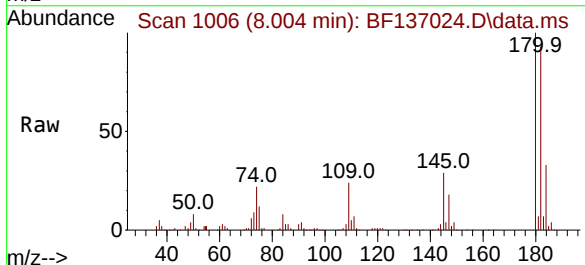
Manual Integrations
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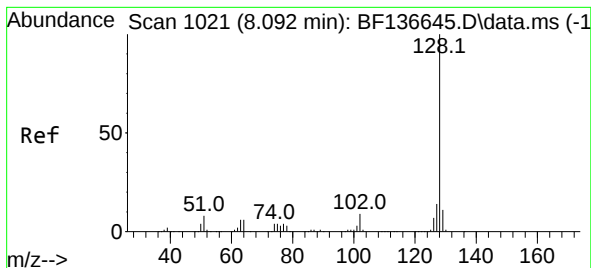
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#30
1,2,4-Trichlorobenzene
Concen: 35.234 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:180 Resp: 115081
Ion Ratio Lower Upper
180 100
182 93.4 75.4 113.0
145 28.9 23.1 34.7





#31

Naphthalene

Concen: 34.985 ng

RT: 8.081 min Scan# 1019

Delta R.T. -0.011 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

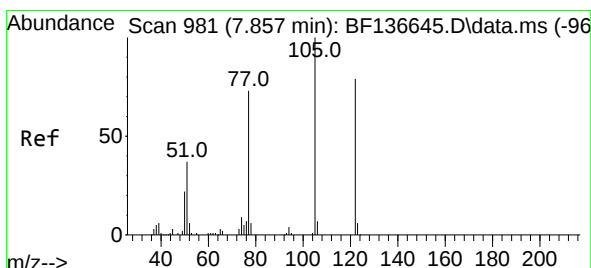
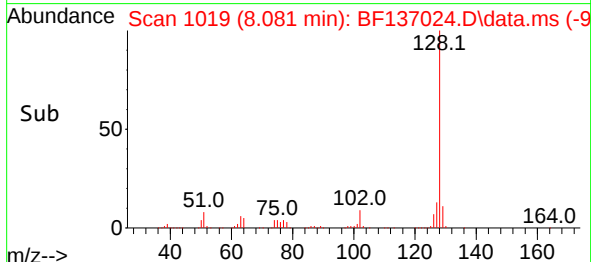
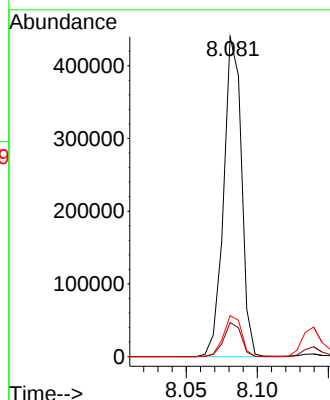
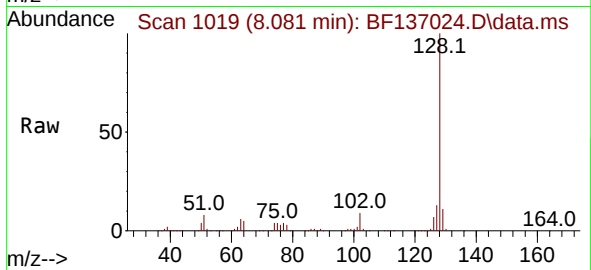
Tgt Ion:128 Resp: 383794
 Ion Ratio Lower Upper
 128 100
 129 10.6 8.7 13.1
 127 12.8 10.8 16.2

Manual Integrations

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Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#32

Benzoic acid

Concen: 27.716 ng

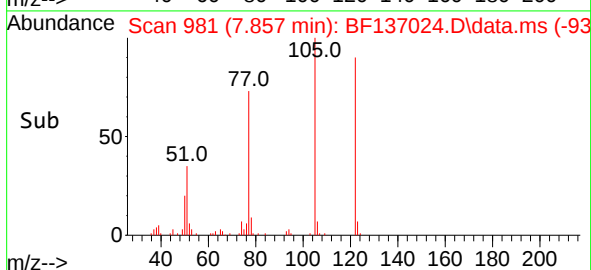
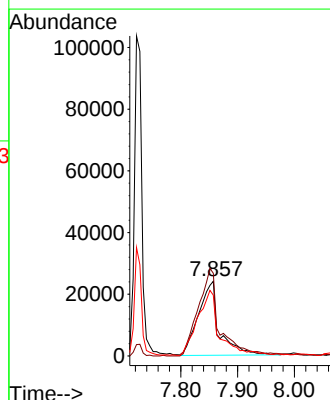
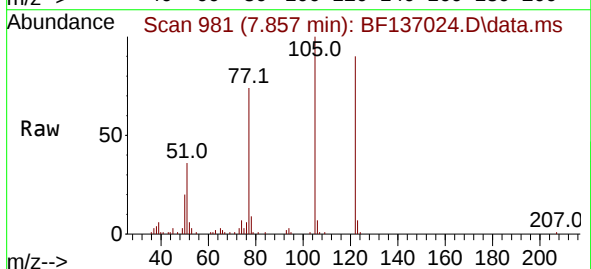
RT: 7.857 min Scan# 981

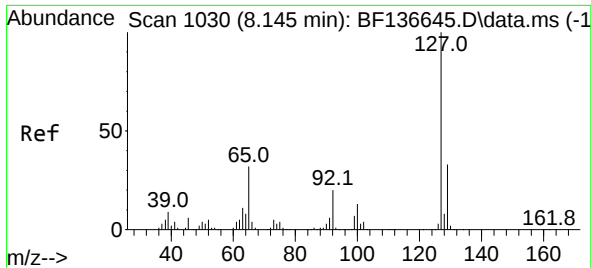
Delta R.T. 0.000 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Tgt Ion:122 Resp: 61061
 Ion Ratio Lower Upper
 122 100
 105 110.7 100.8 140.8
 77 81.4 70.9 110.9





#33
4-Chloroaniline
Concen: 12.283 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

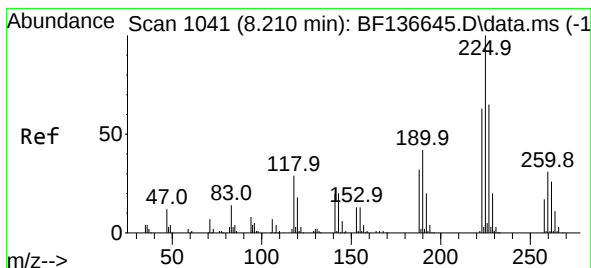
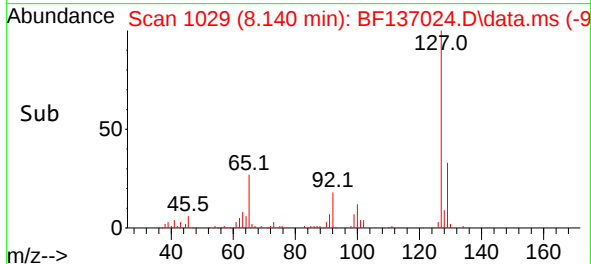
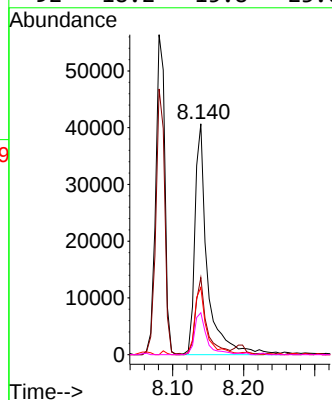
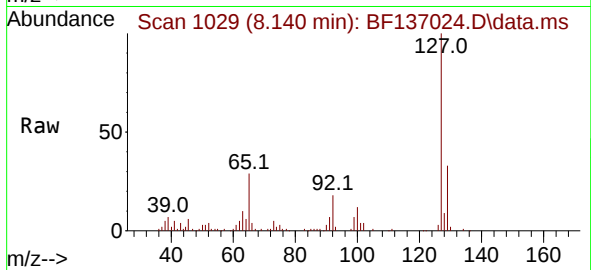
TP-4MSD

Tgt Ion:127 Resp: 4975
Ion Ratio Lower Upper
127 100
129 33.4 26.3 39.5
65 29.1 25.8 38.8
92 18.2 15.8 23.6

Manual Integrations

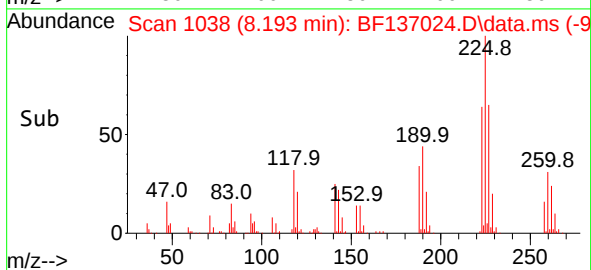
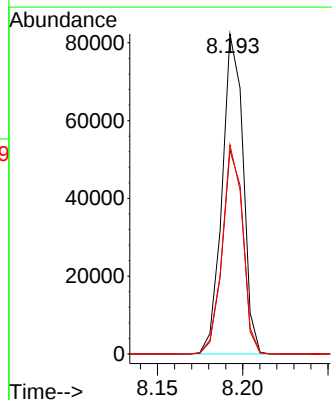
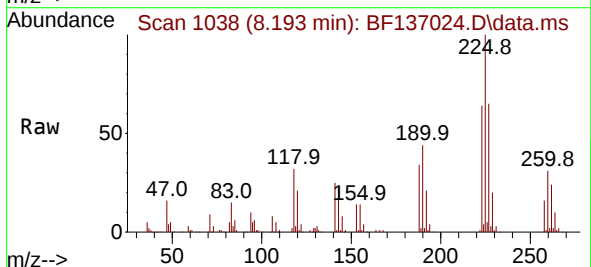
APPROVED

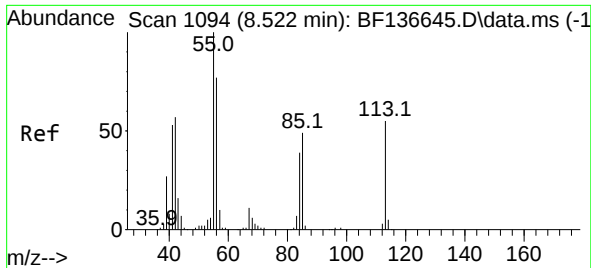
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#34
Hexachlorobutadiene
Concen: 35.346 ng
RT: 8.193 min Scan# 1038
Delta R.T. -0.017 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

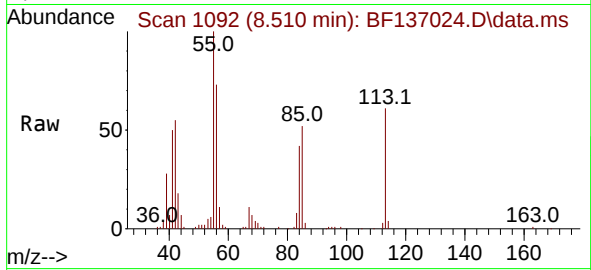
Tgt Ion:225 Resp: 70141
Ion Ratio Lower Upper
225 100
223 63.8 50.6 76.0
227 65.3 51.9 77.9





#35
 Caprolactam
 Concen: 32.123 ng
 RT: 8.510 min Scan# 1092
 Delta R.T. -0.011 min
 Lab File: BF137024.D
 Acq: 10 Jan 2024 17:24

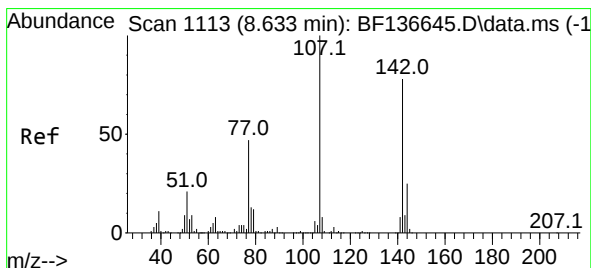
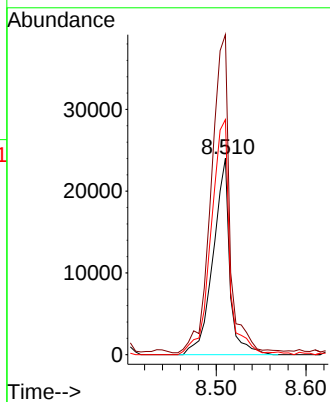
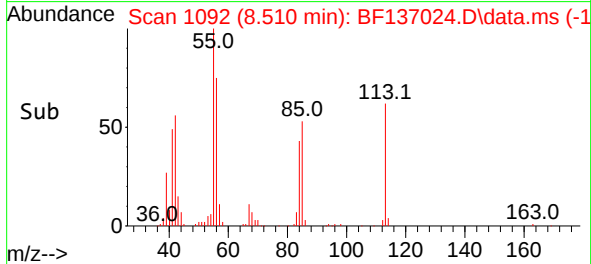
Instrument :
 BNA_F
 ClientSampleId :
 TP-4MSD



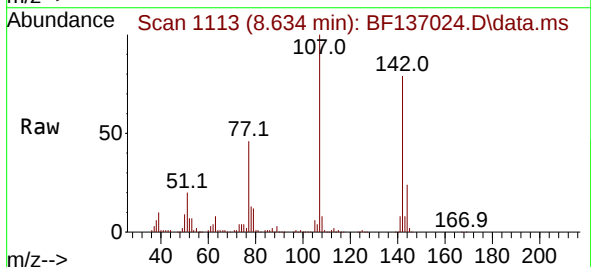
Tgt Ion:113 Resp: 3106
 Ion Ratio Lower Upper
 113 100
 55 163.0 163.1 203.1
 56 119.8 121.7 161.7

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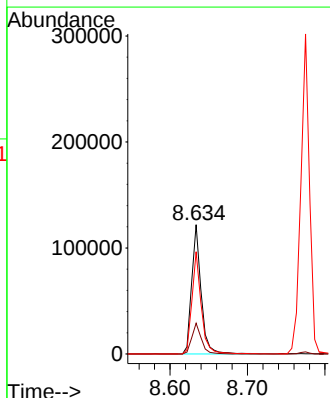
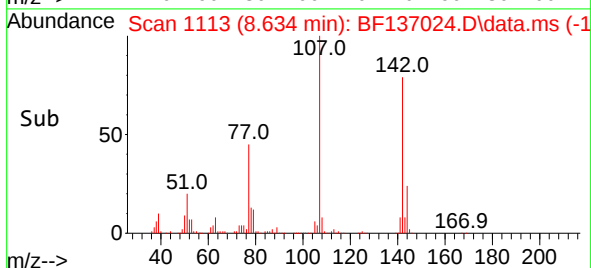
Reviewed By :Yogesh Patel 01/11/2024
 Supervised By :mohammad ahmed 01/12/2024

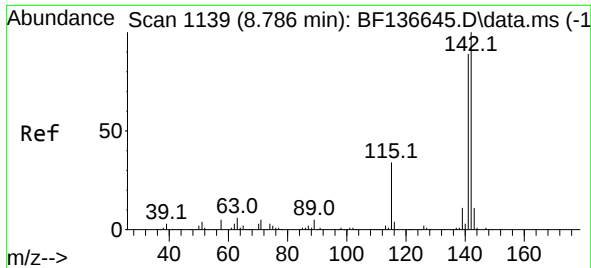


#36
 4-Chloro-3-methylphenol
 Concen: 31.503 ng
 RT: 8.634 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF137024.D
 Acq: 10 Jan 2024 17:24



Tgt Ion:107 Resp: 103964
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.2 30.2
 142 79.0 62.3 93.5





#37

2-Methylnaphthalene

Concen: 33.345 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.011 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

Tgt Ion:142 Resp: 235419

Ion Ratio Lower Upper

142 100

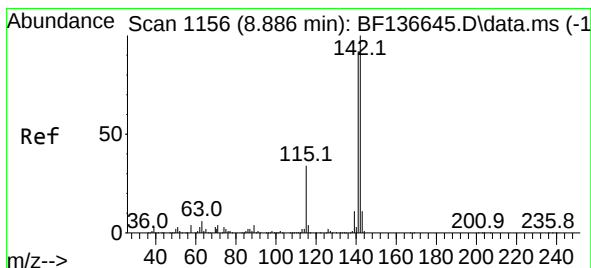
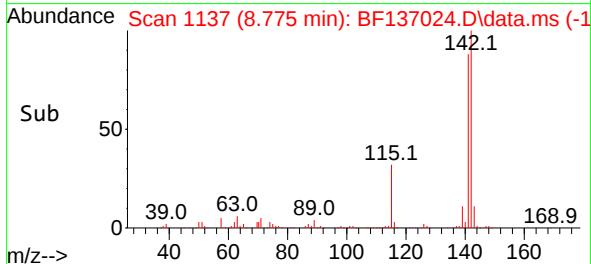
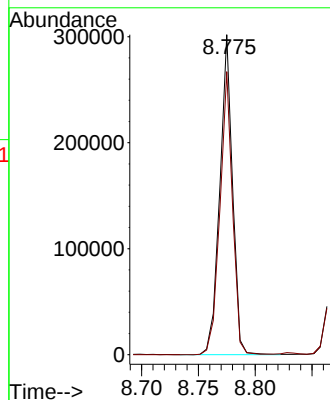
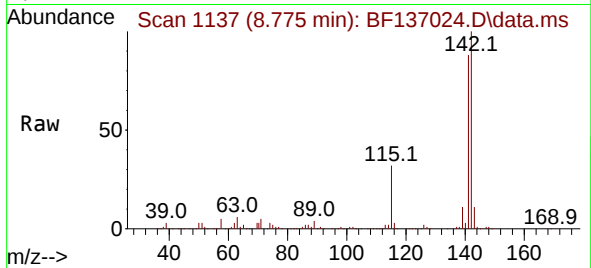
141 88.4 71.1 106.7

Manual Integrations

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Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#38

1-Methylnaphthalene

Concen: 32.260 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.011 min

Lab File: BF137024.D

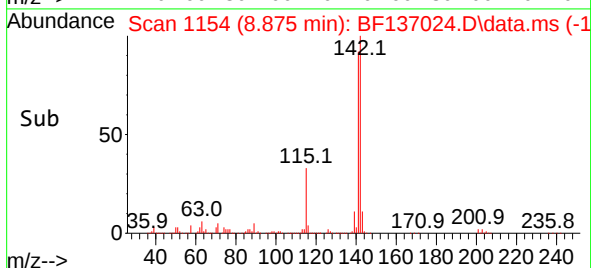
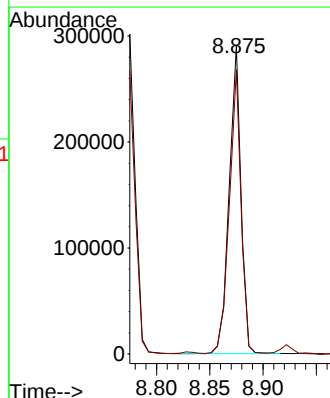
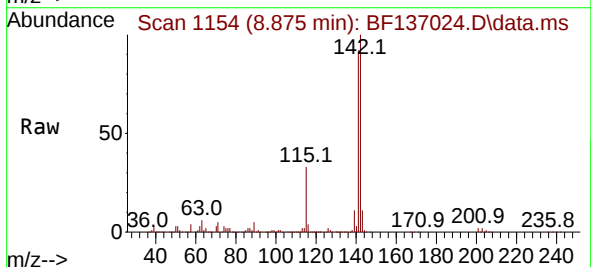
Acq: 10 Jan 2024 17:24

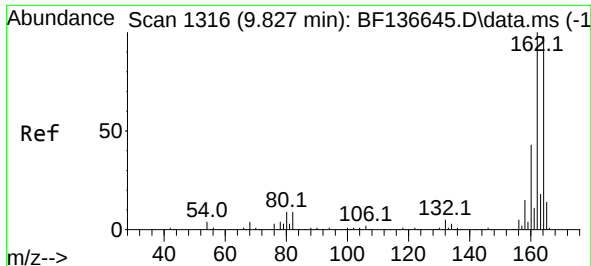
Tgt Ion:142 Resp: 223453

Ion Ratio Lower Upper

142 100

141 92.1 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF137024.D

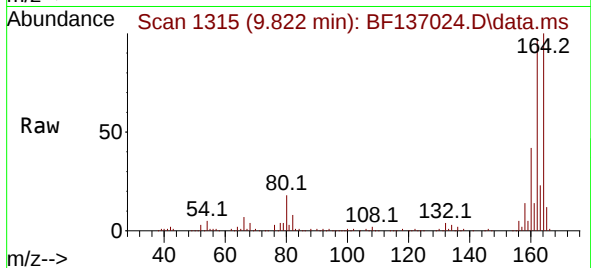
Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD



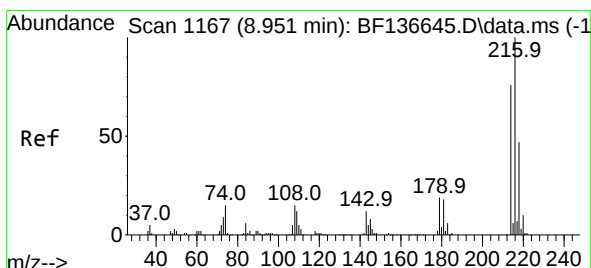
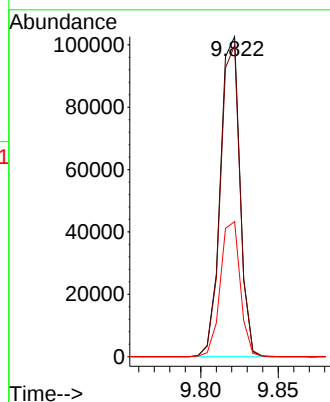
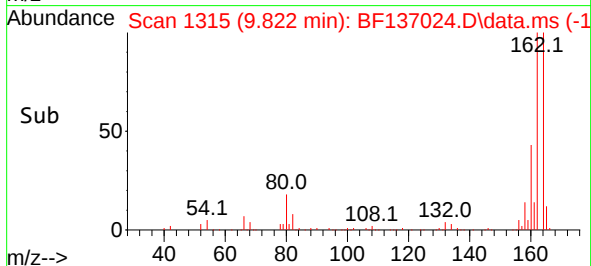
Tgt Ion:164	Resp:	9027
Ion Ratio	Lower	Upper
164	100	
162	97.3	81.6 122.4
160	42.2	34.9 52.3

Manual Integrations

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Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#40

1,2,4,5-Tetrachlorobenzene

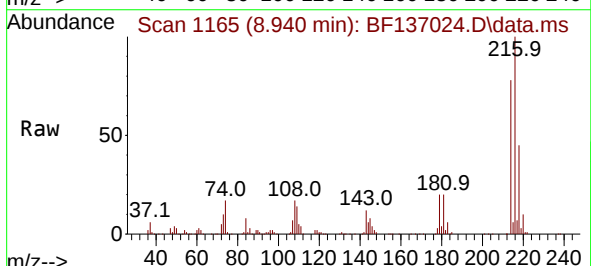
Concen: 41.528 ng

RT: 8.940 min Scan# 1165

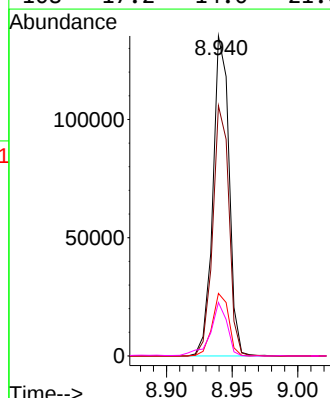
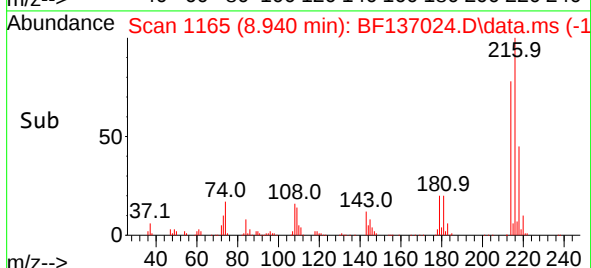
Delta R.T. -0.011 min

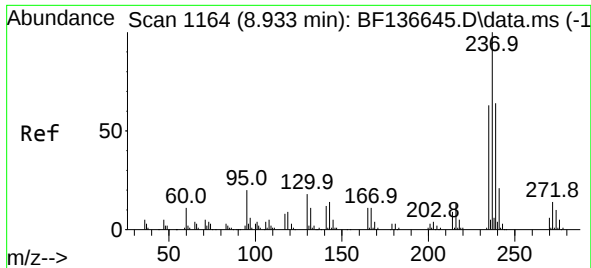
Lab File: BF137024.D

Acq: 10 Jan 2024 17:24



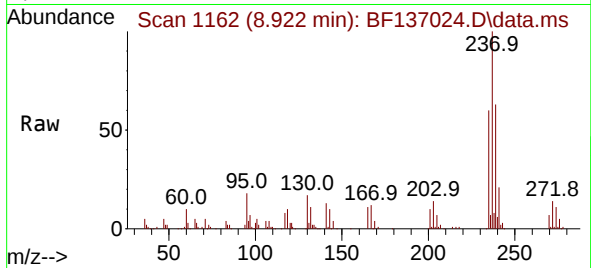
Tgt Ion:216	Resp:	116106
Ion Ratio	Lower	Upper
216	100	
214	78.1	62.3 93.5
179	20.0	16.4 24.6
108	17.2	14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 59.373 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

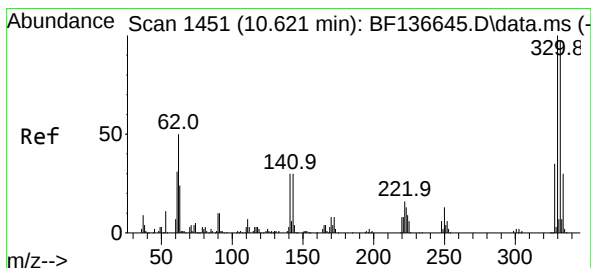
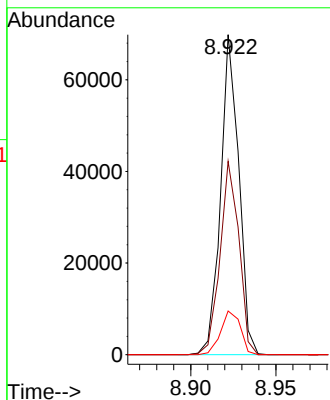
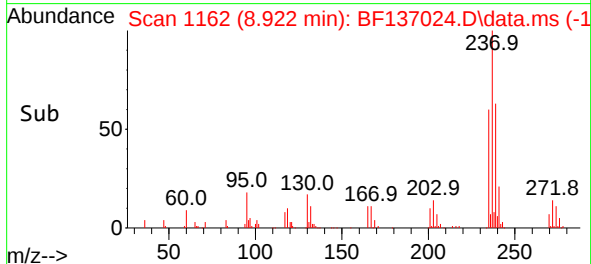
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



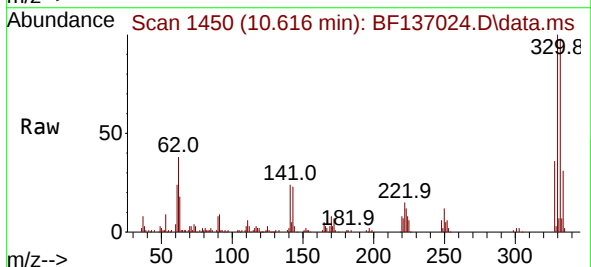
Tgt Ion:237 Resp: 51728
Ion Ratio Lower Upper
237 100
235 60.4 43.2 83.2
272 13.6 0.0 34.2

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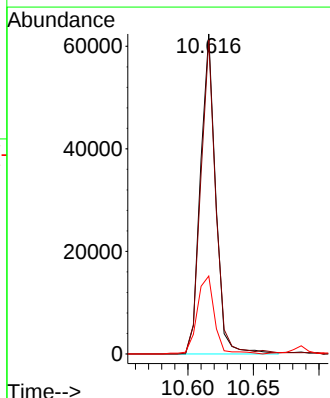
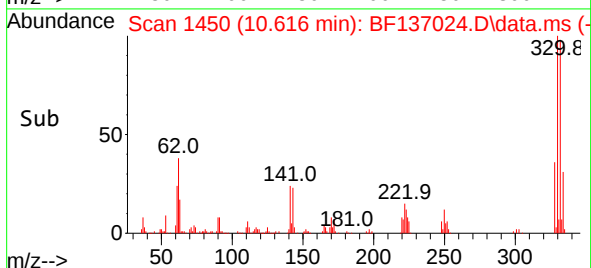
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#42
2,4,6-Tribromophenol
Concen: 47.372 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24



Tgt Ion:330 Resp: 50366
Ion Ratio Lower Upper
330 100
332 97.9 77.4 116.0
141 27.9 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 38.190 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

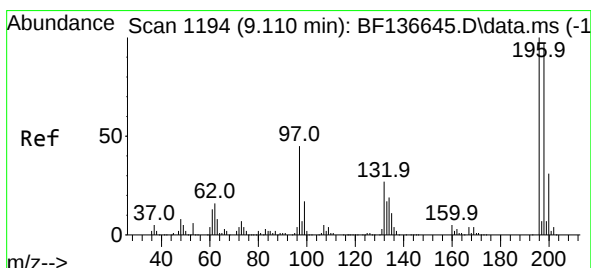
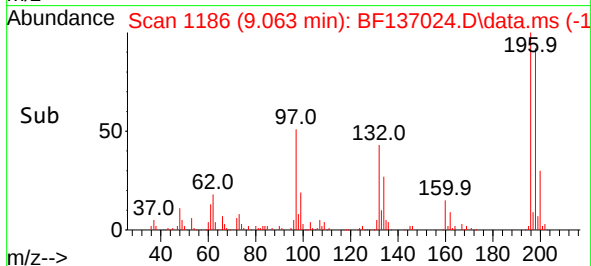
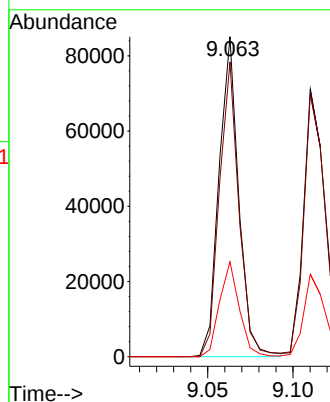
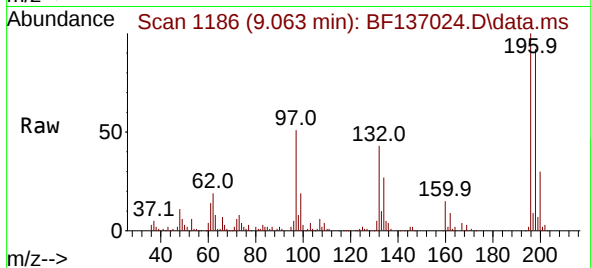
Tgt Ion:196 Resp: 68475
 Ion Ratio Lower Upper
 196 100
 198 92.1 75.1 112.7
 200 29.7 22.5 33.7

Manual Integrations

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Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#44

2,4,5-Trichlorophenol

Concen: 34.433 ng

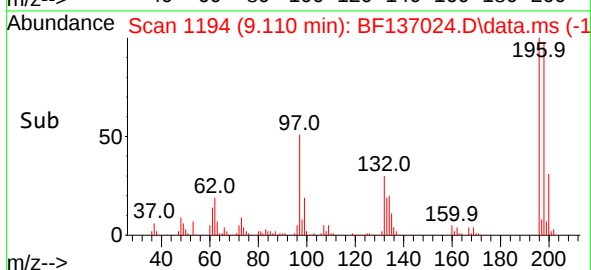
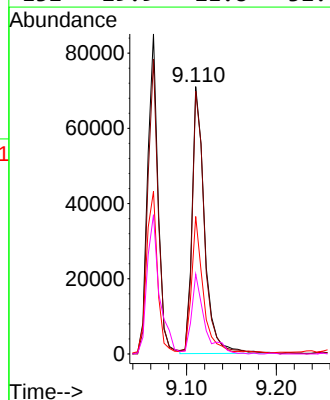
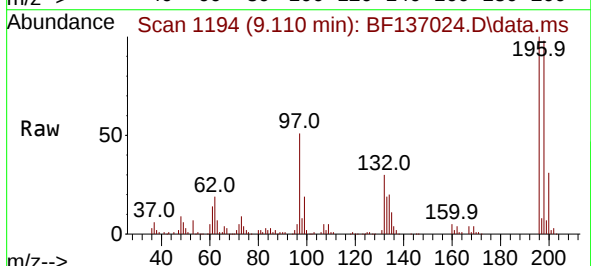
RT: 9.110 min Scan# 1194

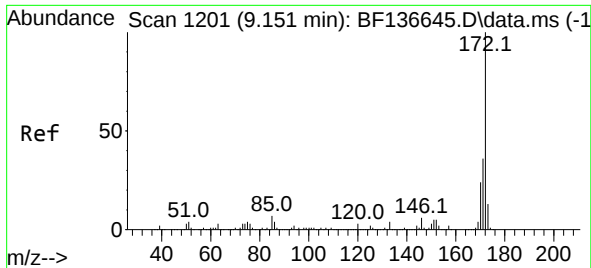
Delta R.T. 0.000 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Tgt Ion:196 Resp: 68800
 Ion Ratio Lower Upper
 196 100
 198 98.3 77.0 115.6
 97 51.4 36.1 54.1
 132 29.9 21.8 32.6





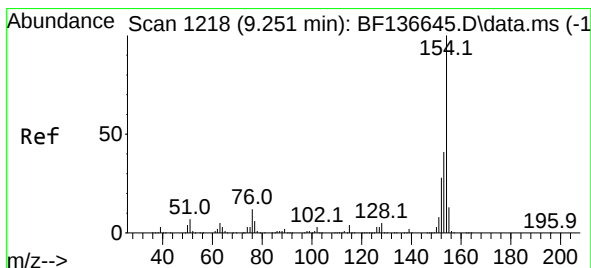
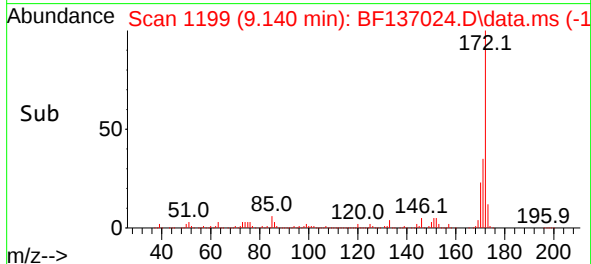
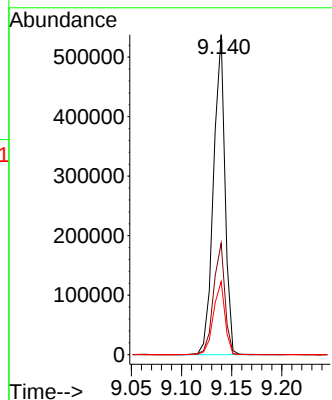
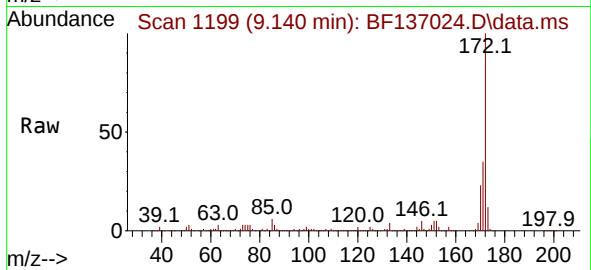
#45
2-Fluorobiphenyl
Concen: 63.663 ng
RT: 9.140 min Scan# 1199
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tgt Ion:172 Resp: 42731
Ion Ratio Lower Upper
172 100
171 34.8 29.0 43.6
170 22.9 19.0 28.4

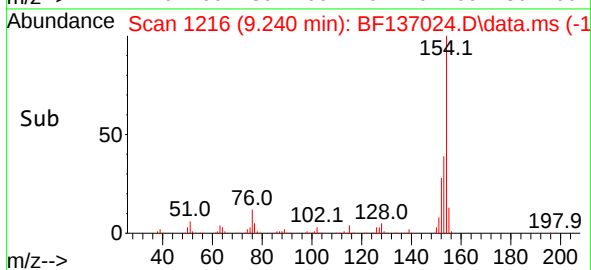
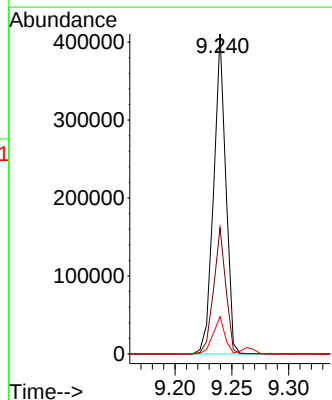
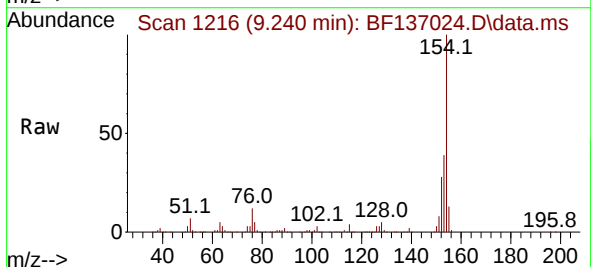
Manual Integrations
APPROVED

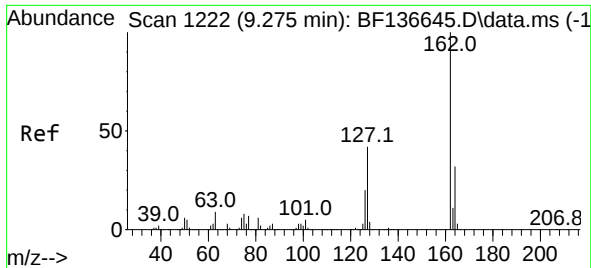
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#46
1,1'-Biphenyl
Concen: 40.234 ng
RT: 9.240 min Scan# 1216
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

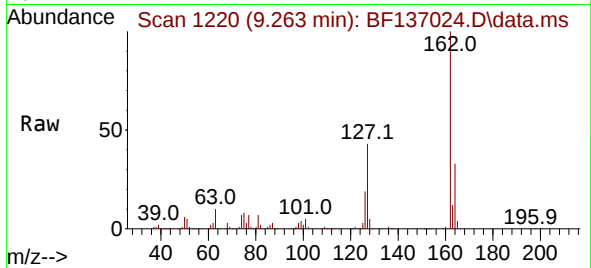
Tgt Ion:154 Resp: 304801
Ion Ratio Lower Upper
154 100
153 39.5 21.1 61.1
76 11.7 0.0 31.7





#47
2-Chloronaphthalene
Concen: 37.010 ng
RT: 9.263 min Scan# 1222
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

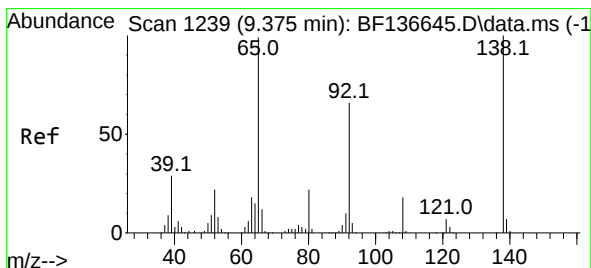
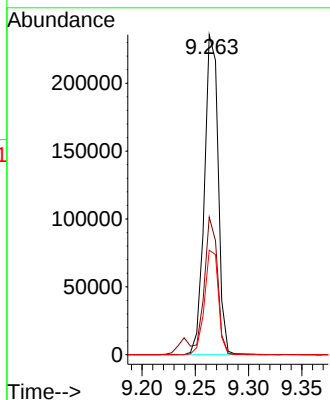
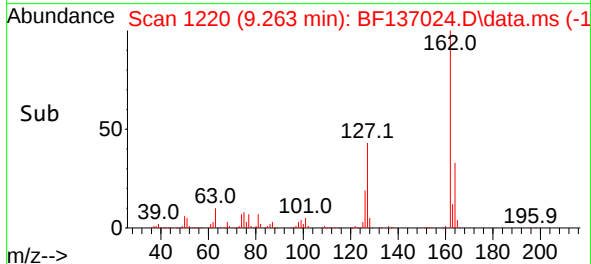
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:162 Resp: 213140
Ion Ratio Lower Upper
162 100
127 43.0 33.6 50.4
164 32.7 25.7 38.5

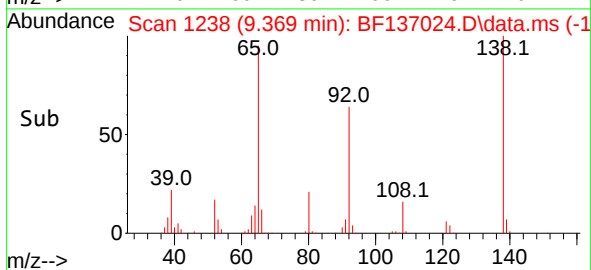
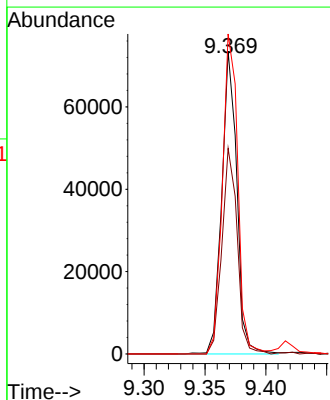
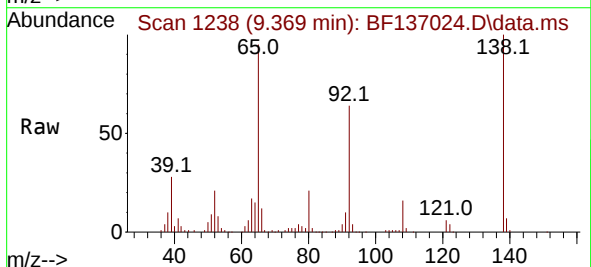
Manual Integrations
APPROVED

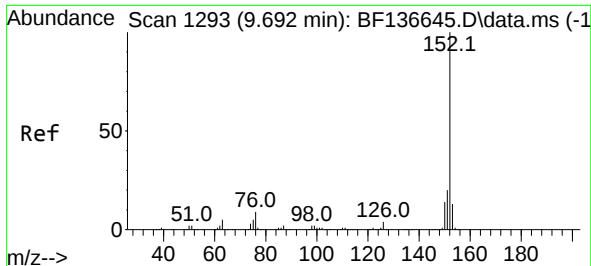
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#48
2-Nitroaniline
Concen: 35.154 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

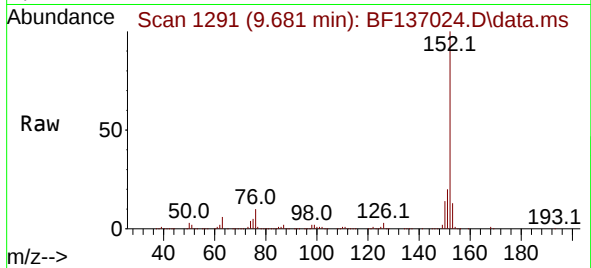
Tgt Ion: 65 Resp: 63398
Ion Ratio Lower Upper
65 100
92 67.9 53.2 79.8
138 105.7 81.1 121.7





#49
Acenaphthylene
Concen: 39.385 ng
RT: 9.681 min Scan# 1291
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

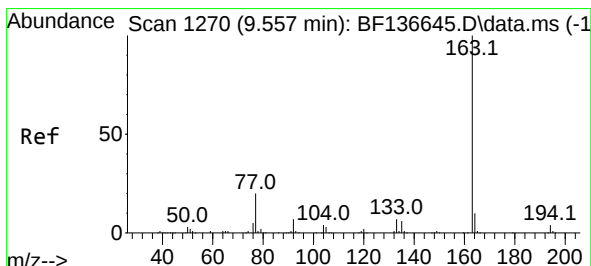
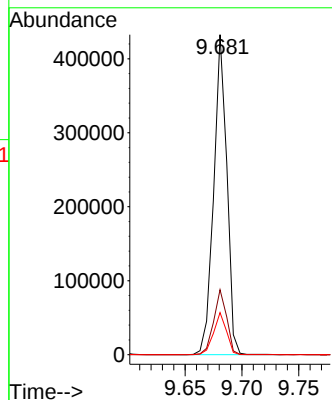
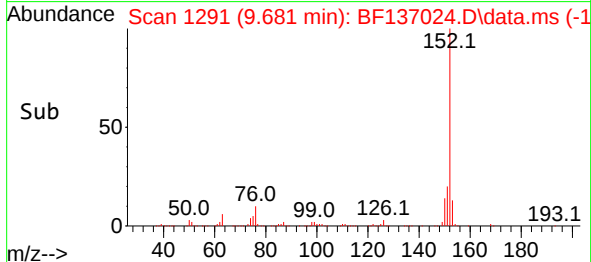
Instrument :
BNA_F
Client SampleId :
TP-4MSD



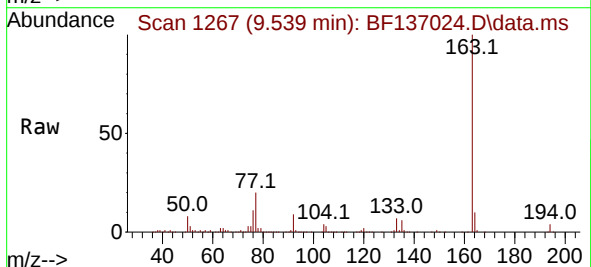
Tgt Ion:152 Resp: 34669
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.2 10.2 15.2

Manual Integrations
APPROVED

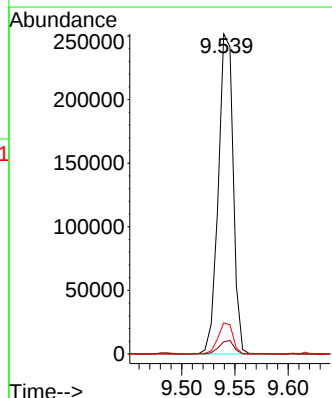
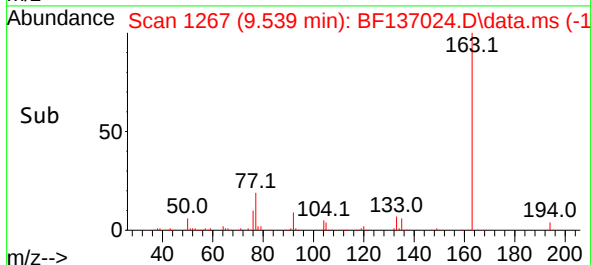
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

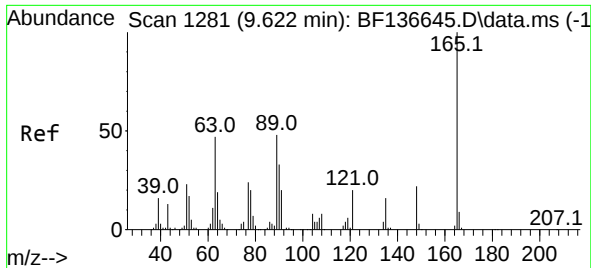


#50
Dimethylphthalate
Concen: 37.002 ng
RT: 9.539 min Scan# 1267
Delta R.T. -0.017 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24



Tgt Ion:163 Resp: 243996
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.7 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 34.923 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

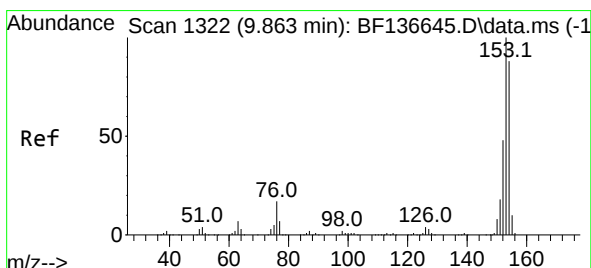
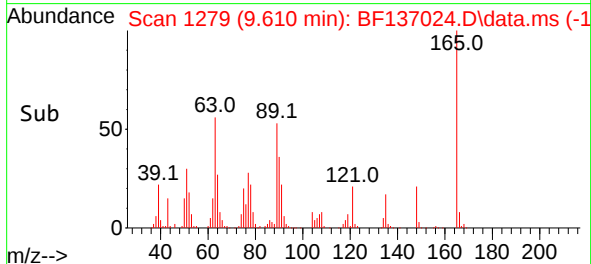
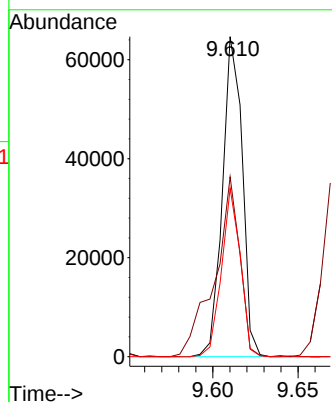
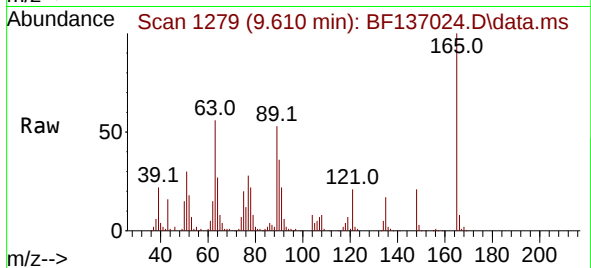
TP-4MSD

Tgt Ion:165 Resp: 52264
Ion Ratio Lower Upper
165 100
63 56.2 39.8 59.6
89 52.6 38.8 58.2

Manual Integrations

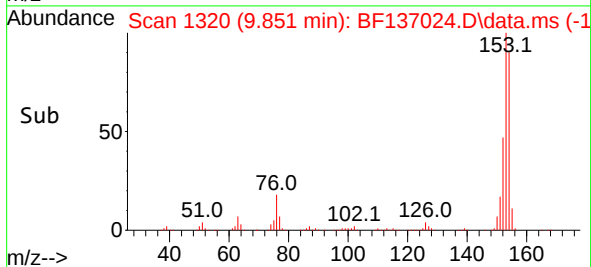
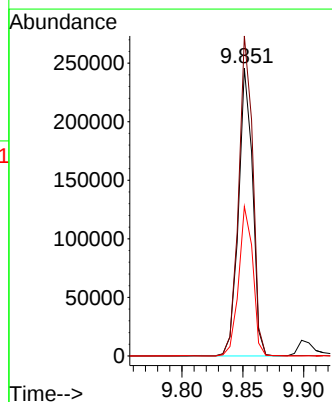
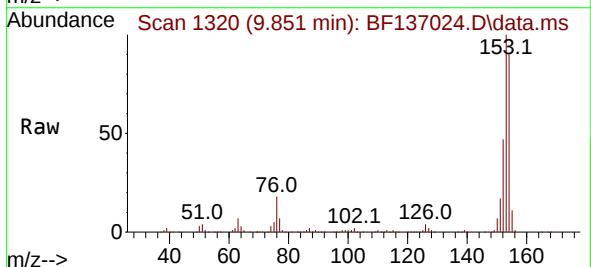
APPROVED

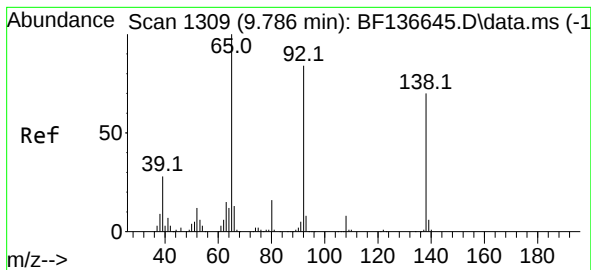
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#52
Acenaphthene
Concen: 36.186 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:154 Resp: 197456
Ion Ratio Lower Upper
154 100
153 111.3 90.7 136.1
152 51.9 43.7 65.5





#53
3-Nitroaniline
Concen: 24.599 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

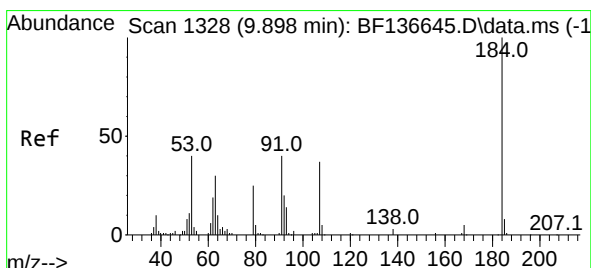
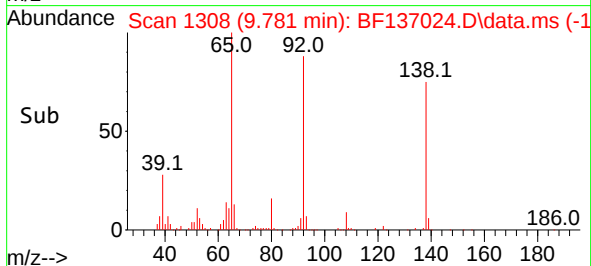
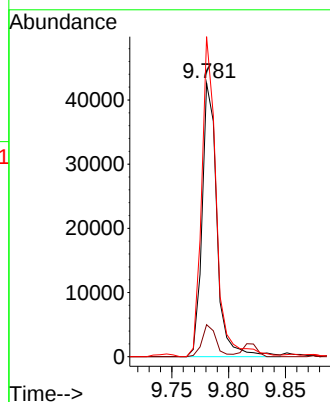
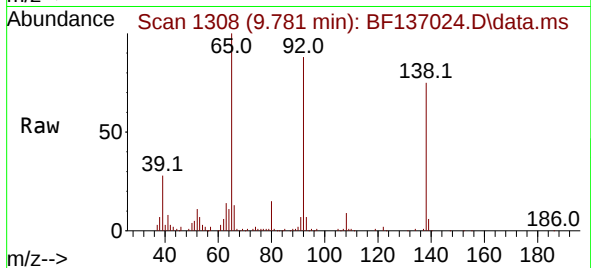
TP-4MSD

Tgt Ion:138 Resp: 3899
Ion Ratio Lower Upper
138 100
108 11.7 8.6 12.8
92 117.1 95.2 142.8

Manual Integrations

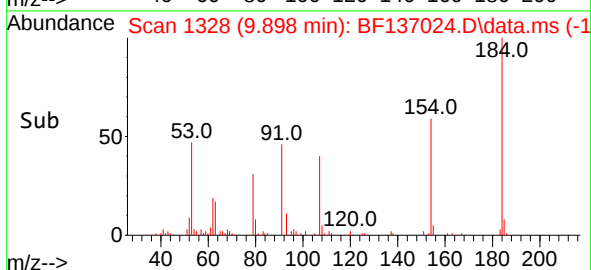
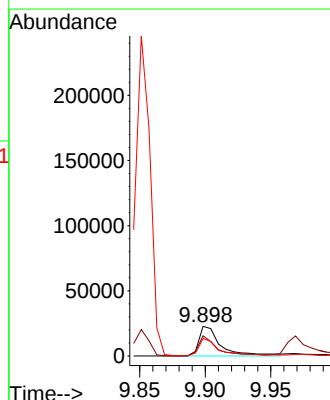
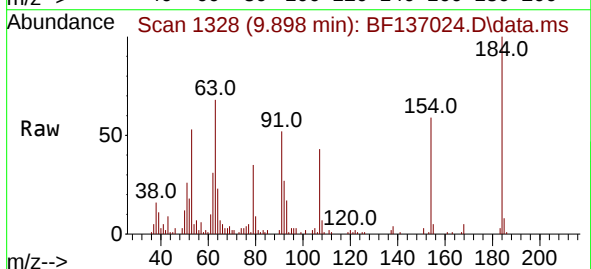
APPROVED

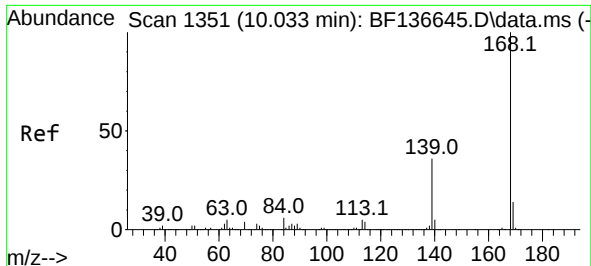
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#54
2,4-Dinitrophenol
Concen: 34.032 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

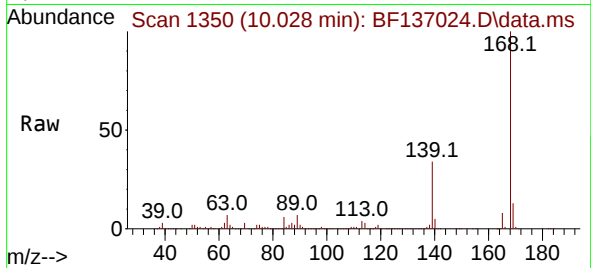
Tgt Ion:184 Resp: 26359
Ion Ratio Lower Upper
184 100
63 68.0 40.9 61.3#
154 58.9 42.7 64.1





#55
Dibenzenofuran
Concen: 36.133 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

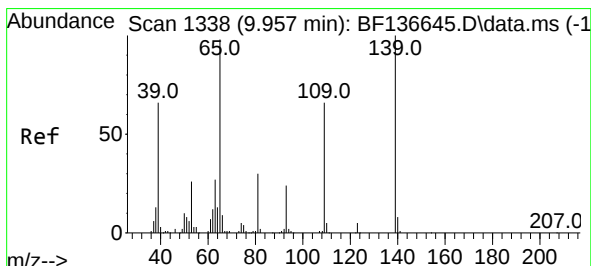
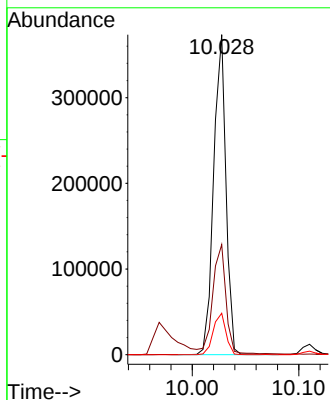
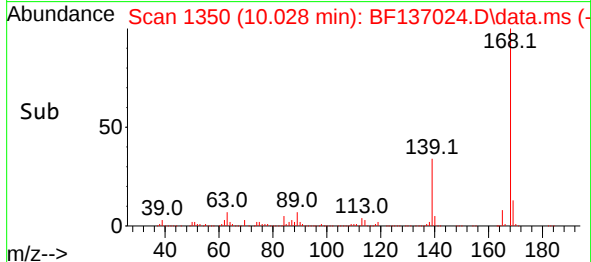
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:168 Resp: 298874
Ion Ratio Lower Upper
168 100
139 34.4 29.3 43.9
169 12.9 11.0 16.4

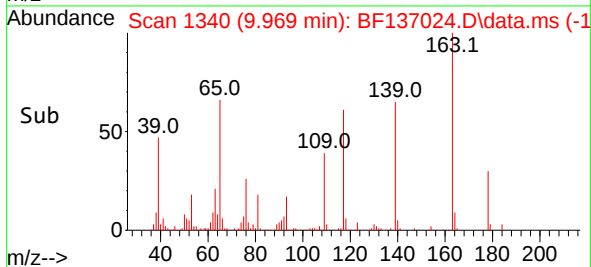
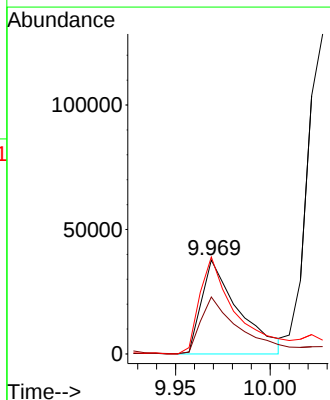
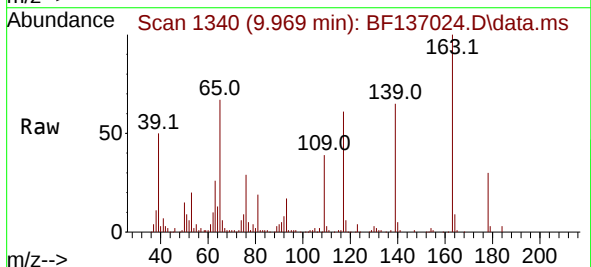
Manual Integrations
APPROVED

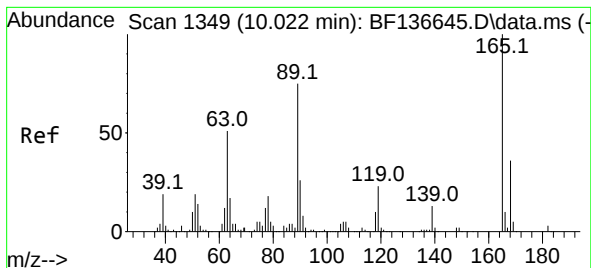
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#56
4-Nitrophenol
Concen: 48.056 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:139 Resp: 51428
Ion Ratio Lower Upper
139 100
109 60.7 45.8 85.8
65 103.3 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 31.765 ng
RT: 10.022 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

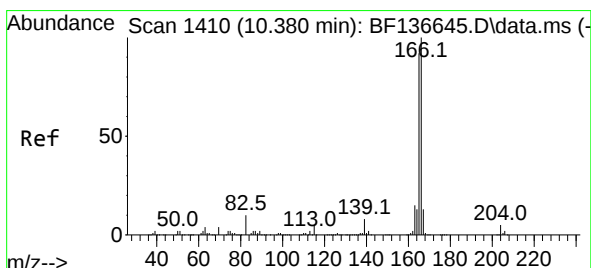
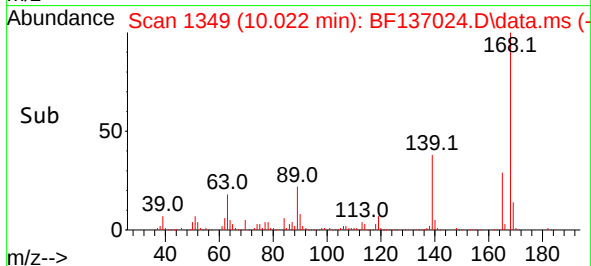
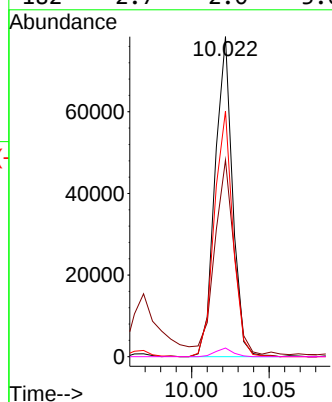
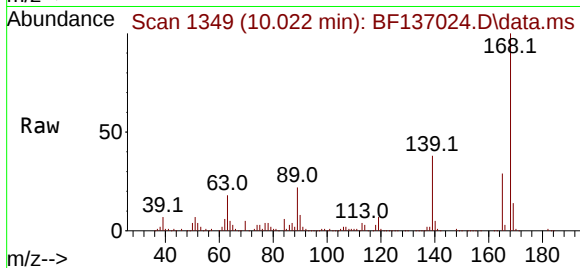
TP-4MSD

Tgt Ion:165 Resp: 61711
Ion Ratio Lower Upper
165 100
63 61.4 41.0 61.6
89 76.7 59.9 89.9
182 2.7 2.0 3.0

Manual Integrations

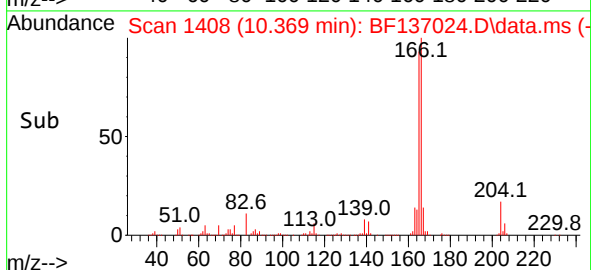
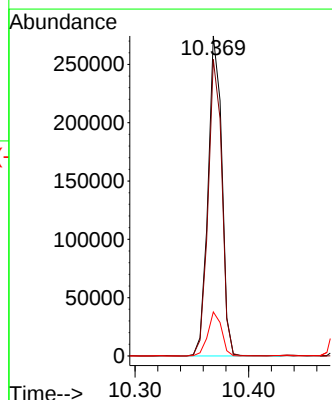
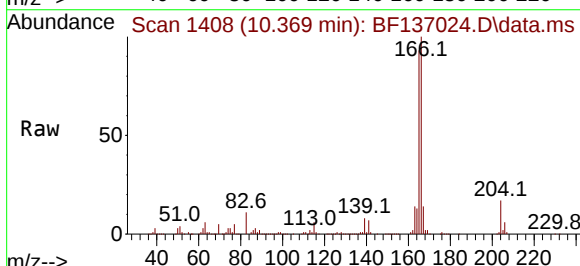
APPROVED

Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#58
Fluorene
Concen: 35.143 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

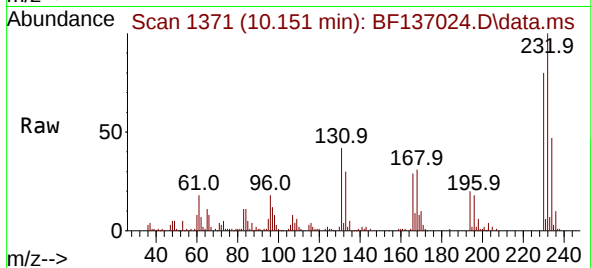
Tgt Ion:166 Resp: 230648
Ion Ratio Lower Upper
166 100
165 92.7 73.7 110.5
167 13.8 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 32.563 ng
RT: 10.151 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

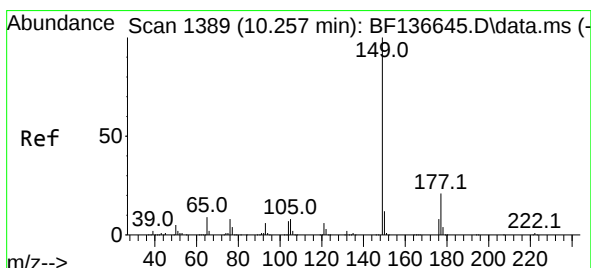
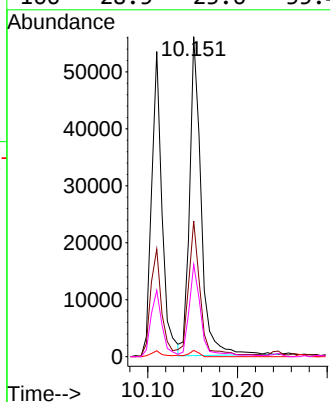
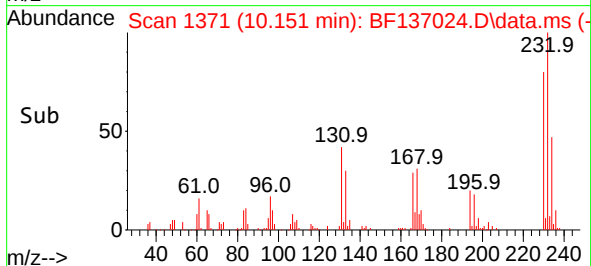
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:232 Resp: 50084
Ion Ratio Lower Upper
232 100
131 42.1 35.1 52.7
130 1.9 1.6 2.4
166 28.5 23.6 35.4

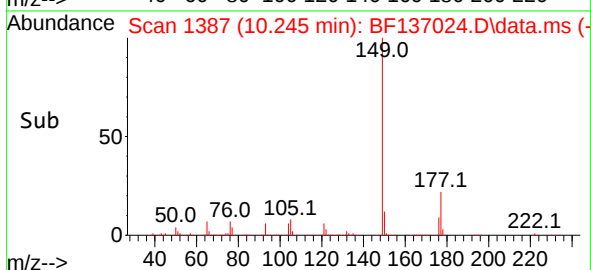
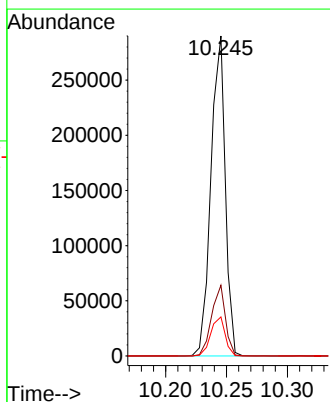
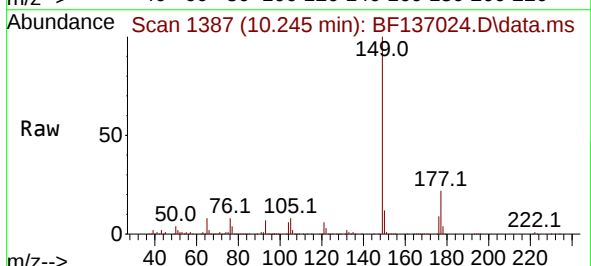
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#60
Diethylphthalate
Concen: 34.698 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

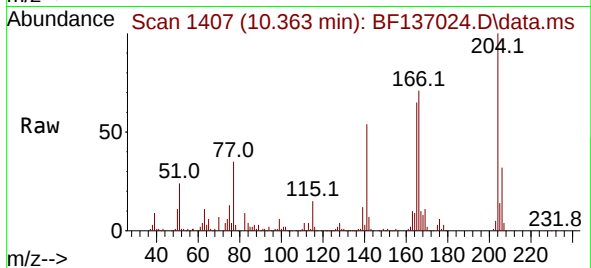
Tgt Ion:149 Resp: 237396
Ion Ratio Lower Upper
149 100
177 22.1 16.9 25.3
150 12.2 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 35.244 ng
RT: 10.363 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

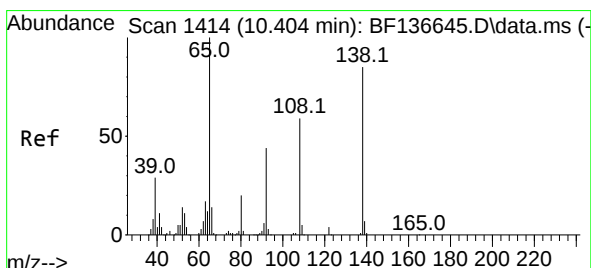
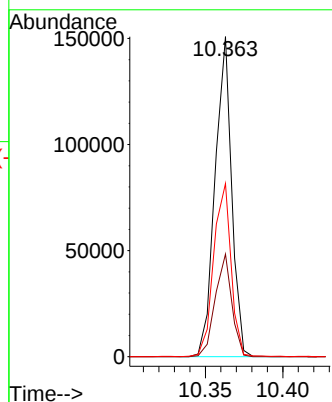
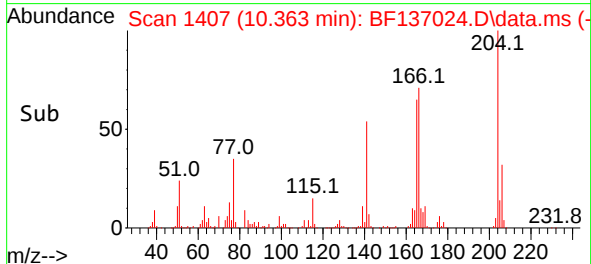
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:204 Resp: 112434
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 54.1 48.4 72.6

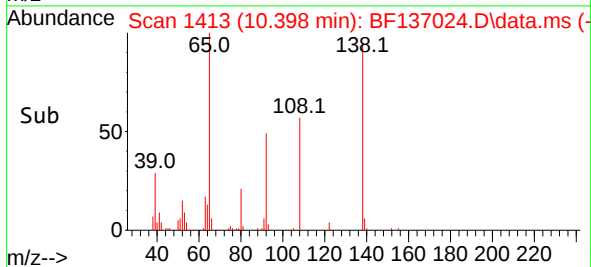
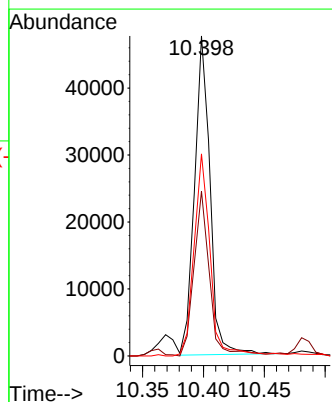
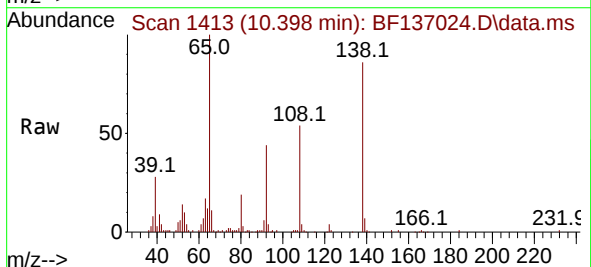
Manual Integrations
APPROVED

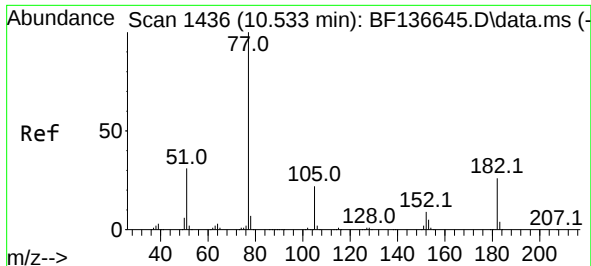
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#62
4-Nitroaniline
Concen: 27.556 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:138 Resp: 42112
Ion Ratio Lower Upper
138 100
92 51.5 32.1 72.1
108 63.2 50.1 90.1





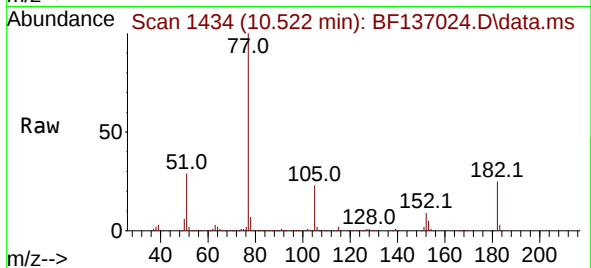
#63
Azobenzene
Concen: 32.926 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

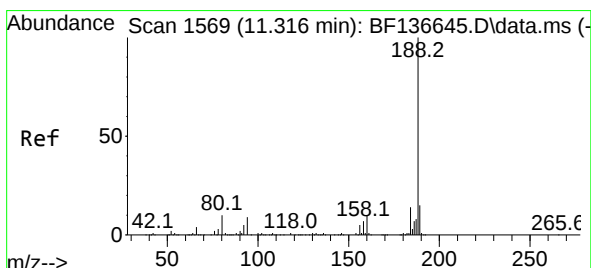
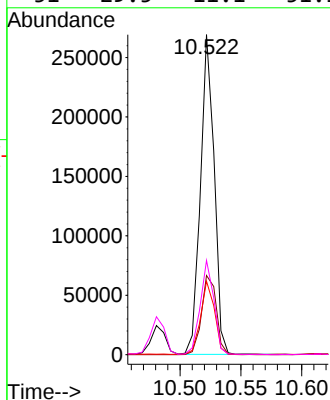
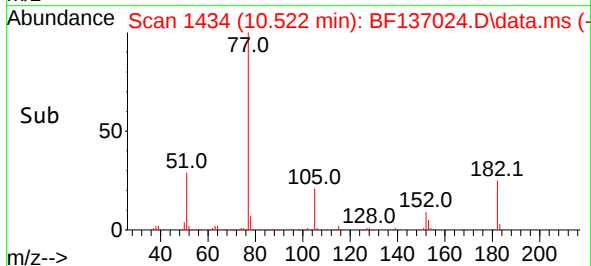


Tgt Ion: 77 Resp: 210404
Ion Ratio Lower Upper
77 100
182 24.8 6.0 46.0
105 22.9 2.3 42.3
51 29.5 11.1 51.1

Manual Integrations

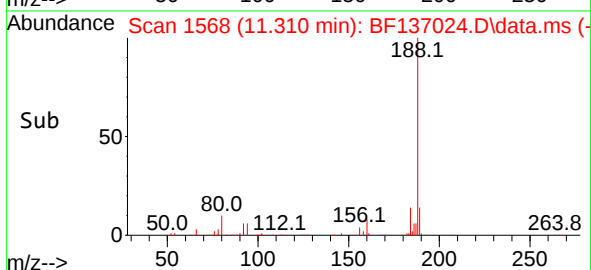
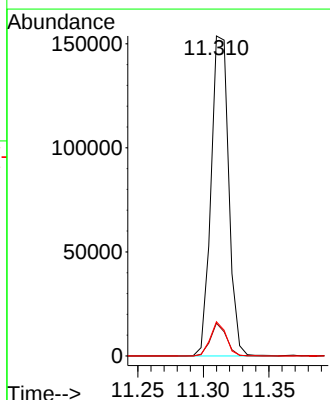
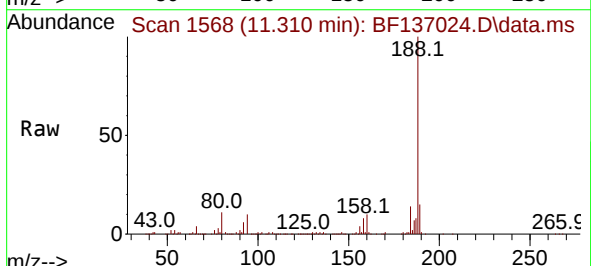
APPROVED

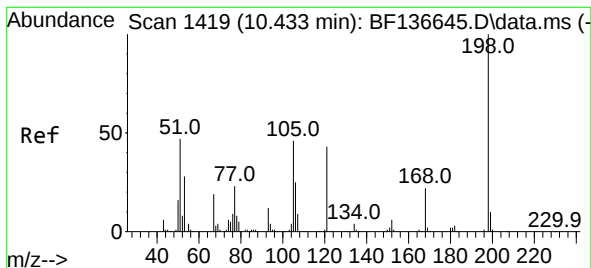
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:188 Resp: 144213
Ion Ratio Lower Upper
188 100
94 10.2 7.5 11.3
80 10.7 8.1 12.1





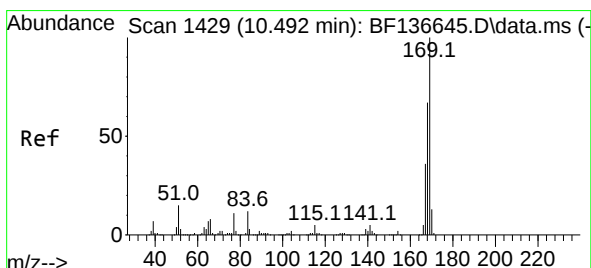
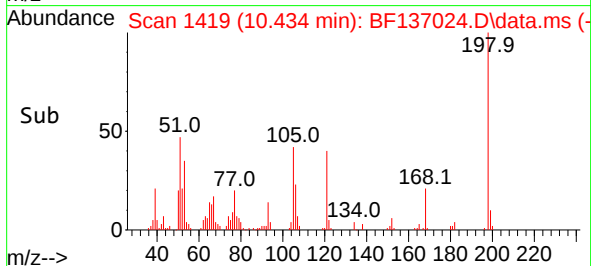
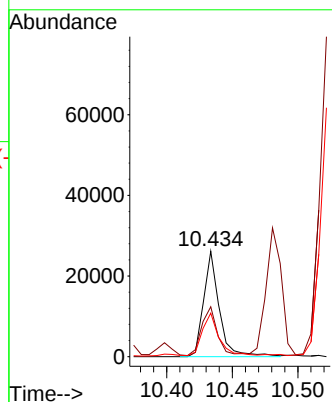
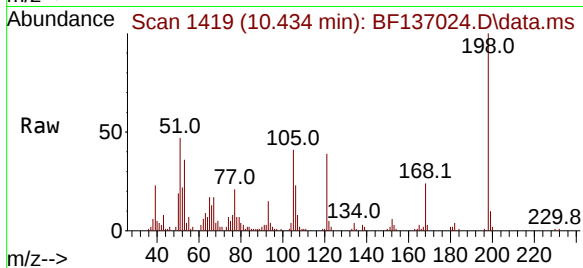
#65
4,6-Dinitro-2-methylphenol
Concen: 26.389 ng
RT: 10.434 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tgt Ion:198 Resp: 21810
Ion Ratio Lower Upper
198 100
51 47.4 34.1 74.1
105 41.3 27.3 67.3

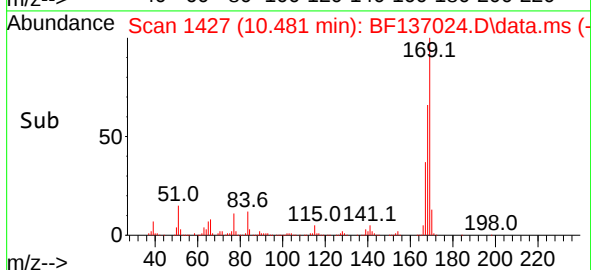
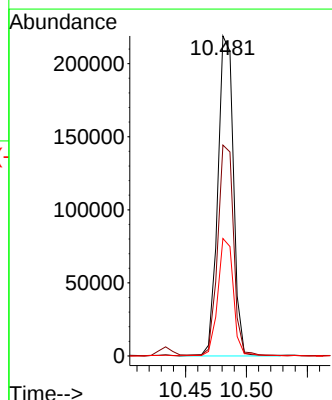
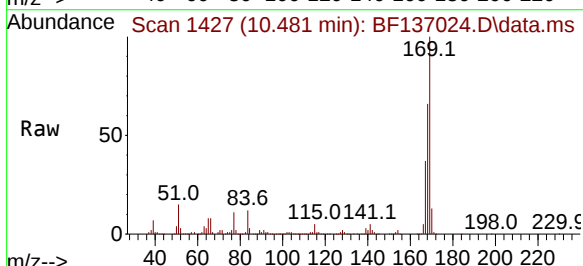
Manual Integrations
APPROVED

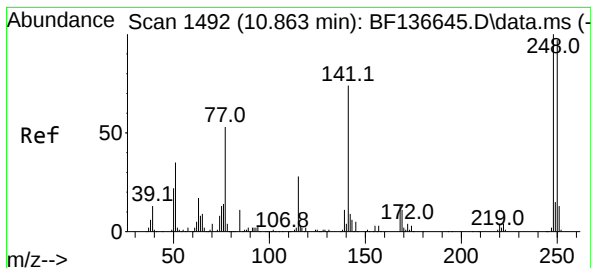
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#66
n-Nitrosodiphenylamine
Concen: 41.870 ng
RT: 10.481 min Scan# 1427
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

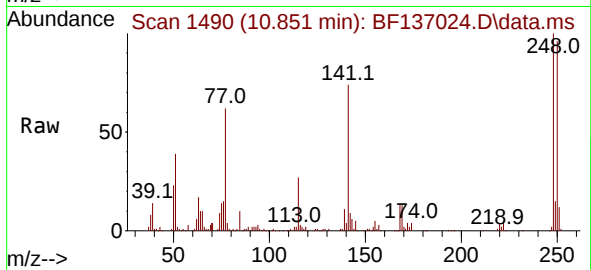
Tgt Ion:169 Resp: 196150
Ion Ratio Lower Upper
169 100
168 65.9 53.8 80.6
167 36.7 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 39.738 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

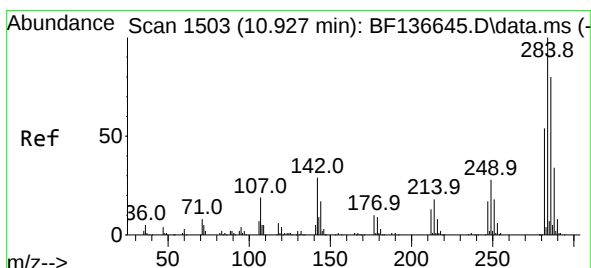
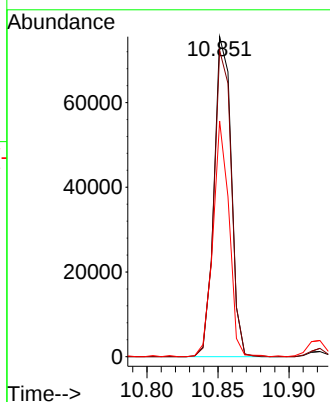
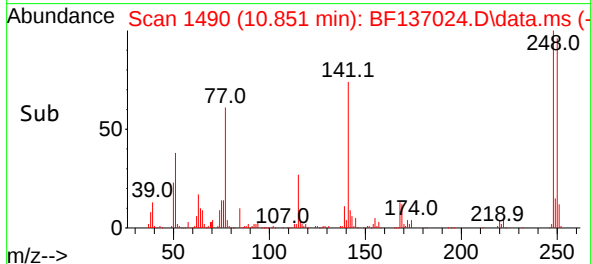
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



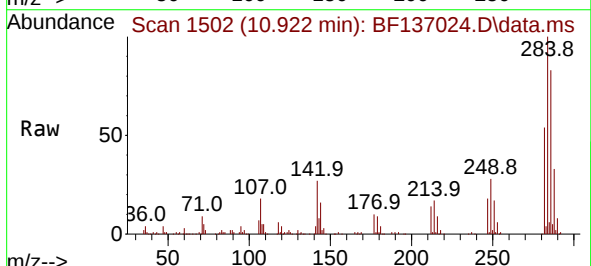
Tgt Ion:248 Resp: 63644
Ion Ratio Lower Upper
248 100
250 95.7 77.8 116.6
141 73.7 59.2 88.8

Manual Integrations
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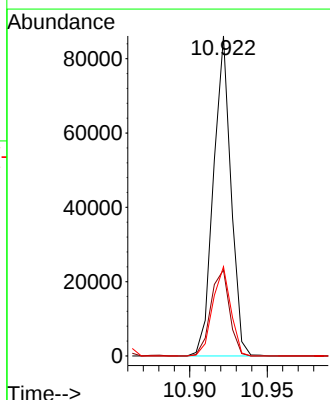
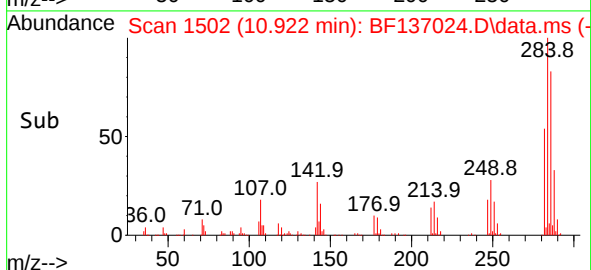
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

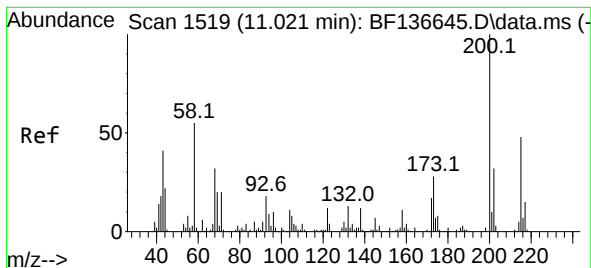


#68
Hexachlorobenzene
Concen: 37.761 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24



Tgt Ion:284 Resp: 67396
Ion Ratio Lower Upper
284 100
142 26.9 23.4 35.0
249 27.9 22.3 33.5





#69

Atrazine

Concen: 49.029 ng

RT: 11.016 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

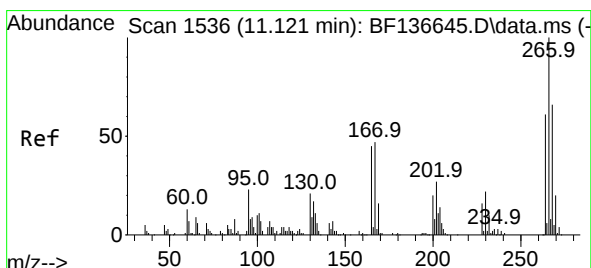
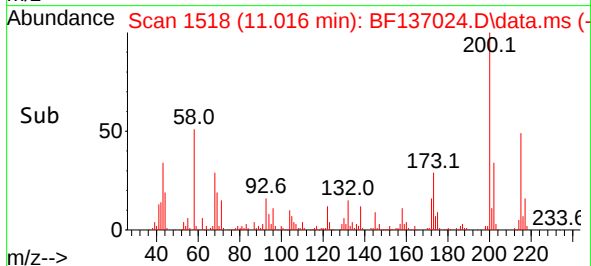
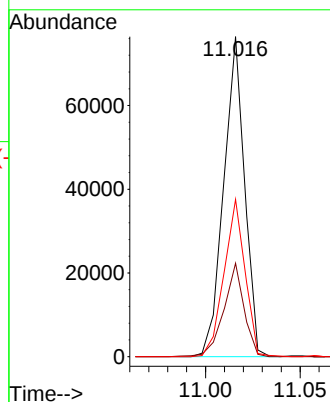
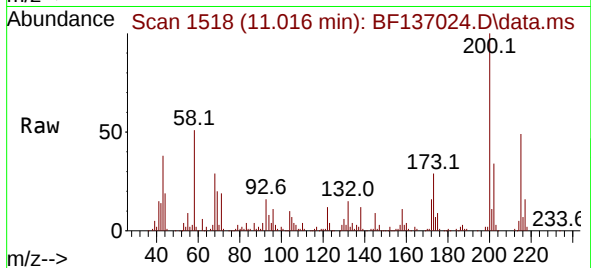
Tgt Ion:200	Resp: 5874
Ion Ratio	Lower Upper
200 100	
173 29.2	7.6 47.6
215 49.2	28.3 68.3

Manual Integrations

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Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#70

Pentachlorophenol

Concen: 49.610 ng

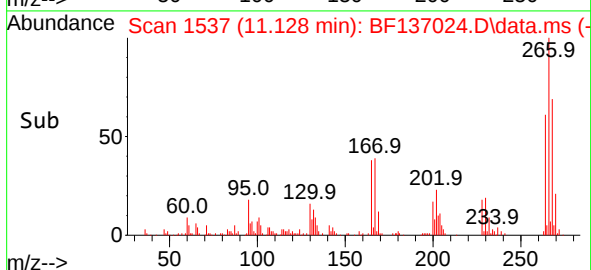
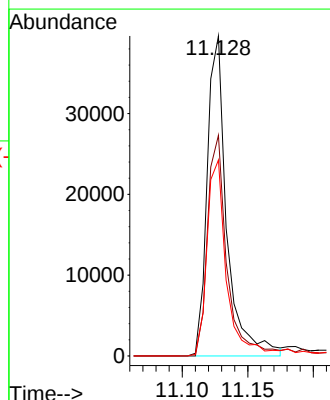
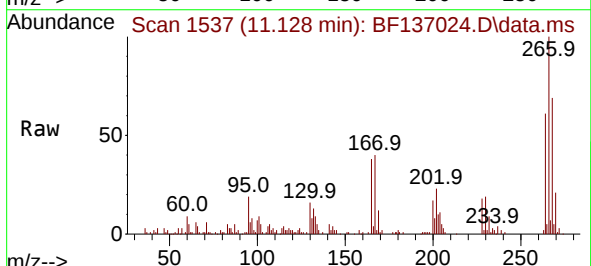
RT: 11.128 min Scan# 1537

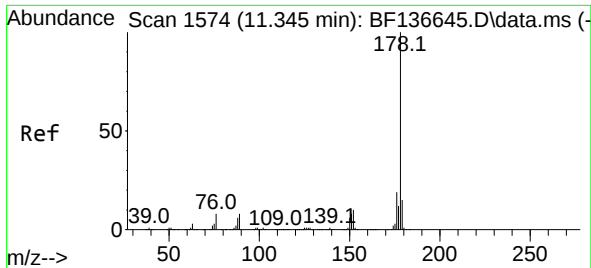
Delta R.T. 0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Tgt Ion:266	Resp: 41272
Ion Ratio	Lower Upper
266 100	
268 69.0	52.6 78.8
264 61.3	49.0 73.4





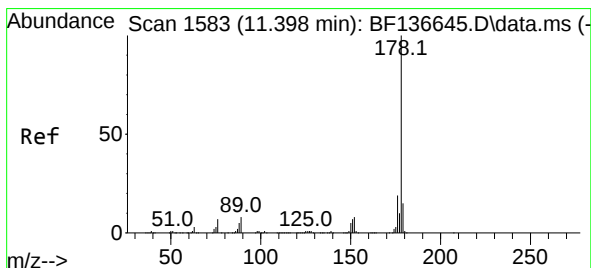
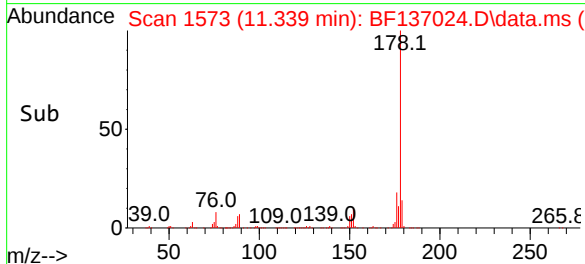
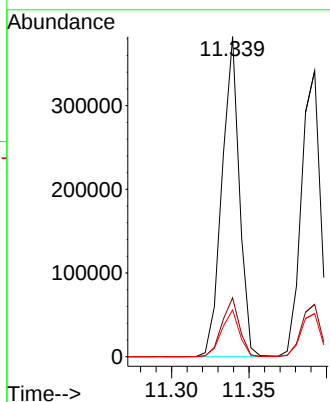
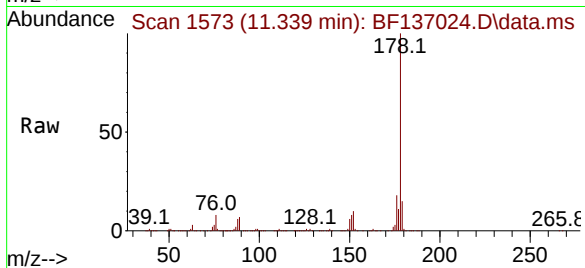
#71
Phenanthrene
Concen: 40.318 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tgt Ion:178 Resp: 298338
Ion Ratio Lower Upper
178 100
176 18.4 15.3 22.9
179 14.6 11.9 17.9

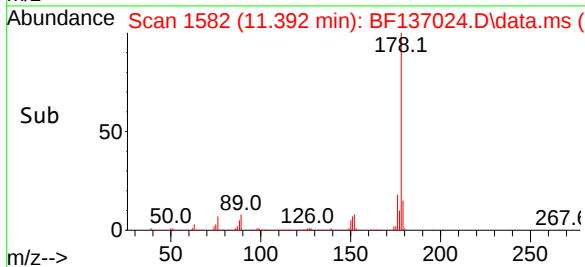
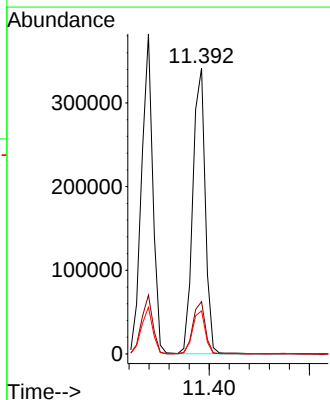
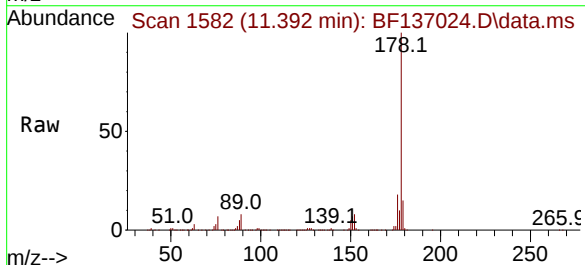
Manual Integrations
APPROVED

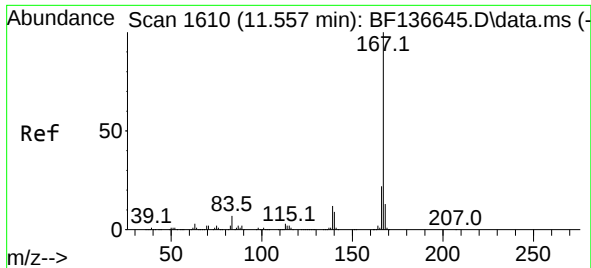
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#72
Anthracene
Concen: 39.112 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:178 Resp: 293100
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 15.1 11.8 17.6





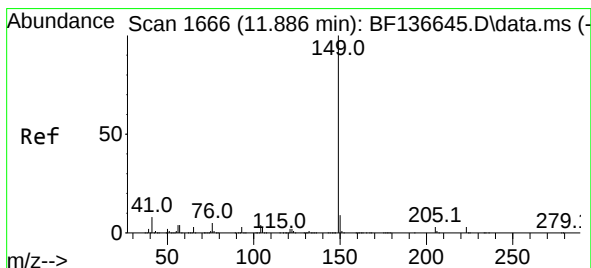
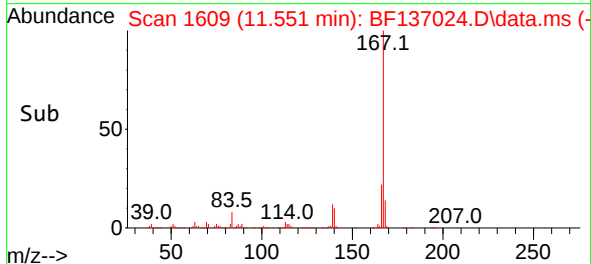
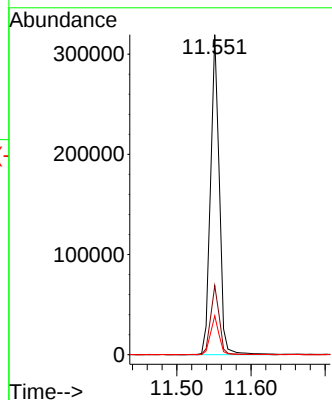
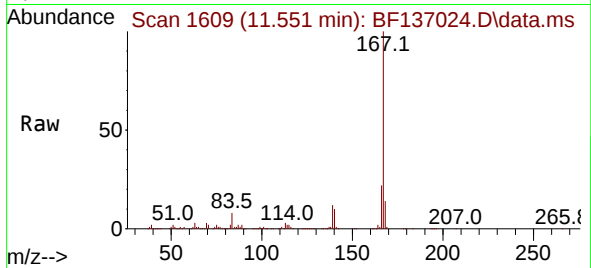
#73
Carbazole
Concen: 37.369 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tgt Ion:167 Resp: 264020
Ion Ratio Lower Upper
167 100
166 21.6 17.3 25.9
139 12.2 9.8 14.6

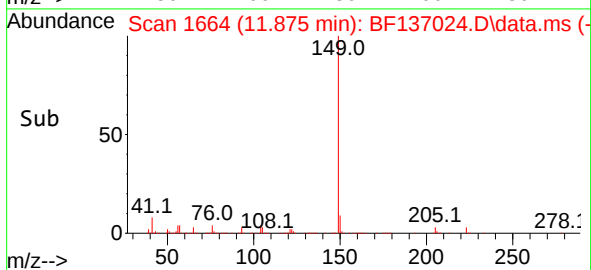
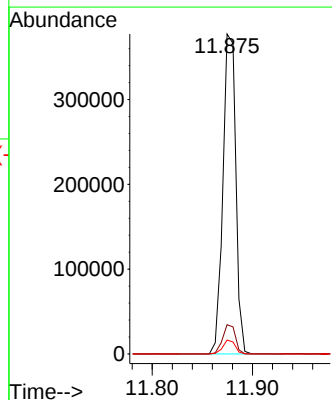
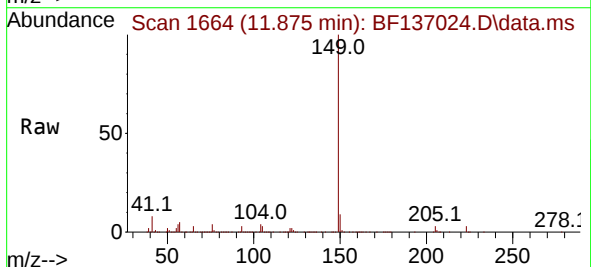
Manual Integrations
APPROVED

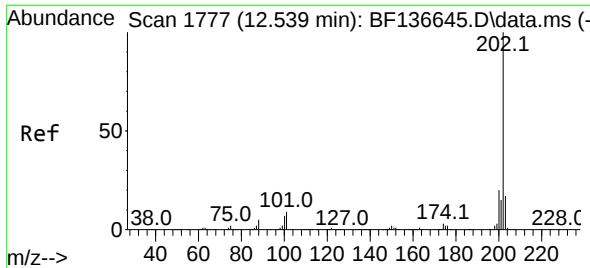
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#74
Di-n-butylphthalate
Concen: 39.051 ng
RT: 11.875 min Scan# 1664
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

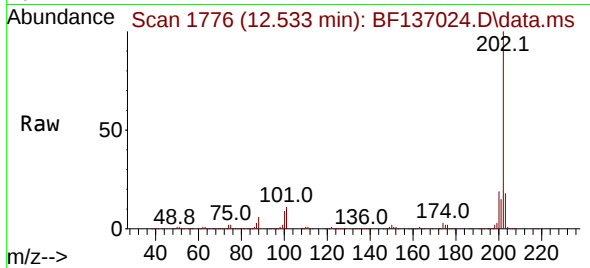
Tgt Ion:149 Resp: 336677
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.3 3.6 5.4





#75
Fluoranthene
Concen: 40.321 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

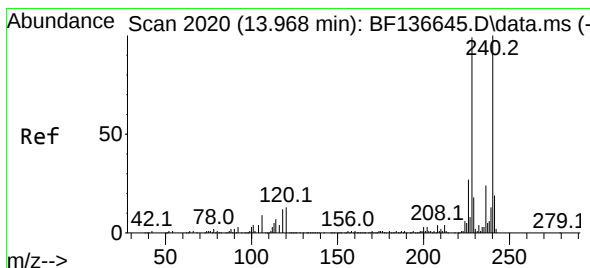
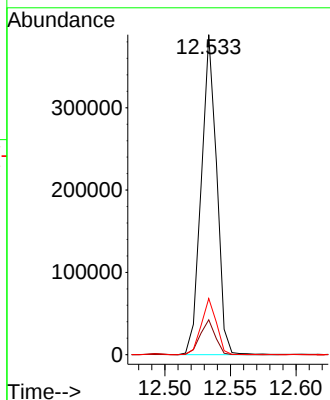
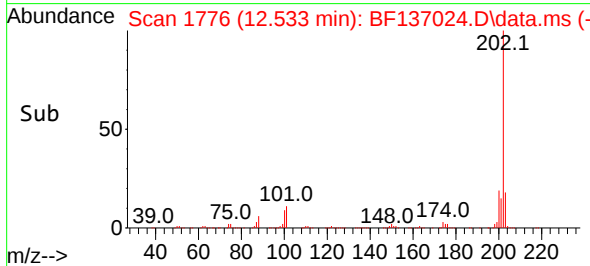
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



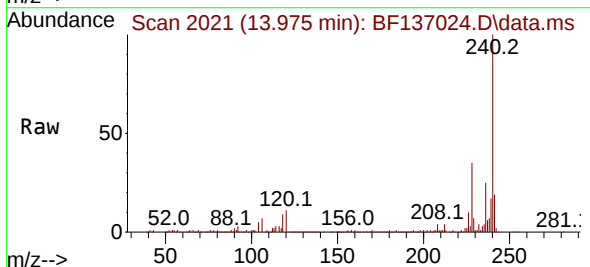
Tgt Ion:202 Resp: 31914
Ion Ratio Lower Upper
202 100
101 10.9 0.0 29.3
203 17.6 0.0 37.1

Manual Integrations
APPROVED

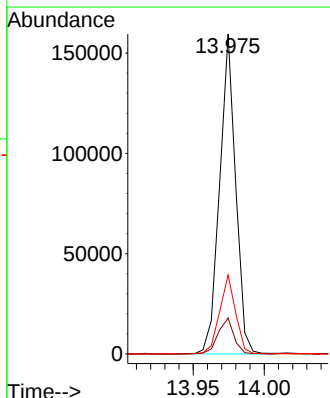
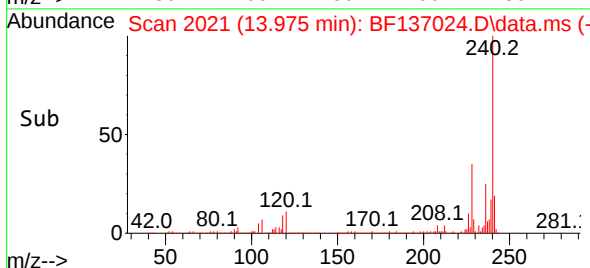
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

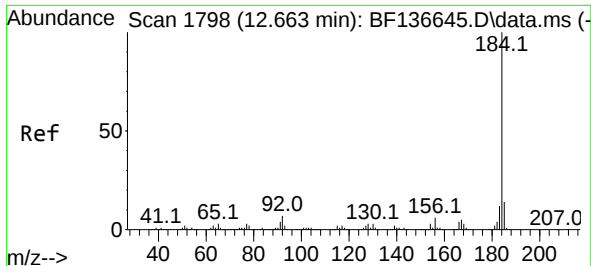


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.975 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24



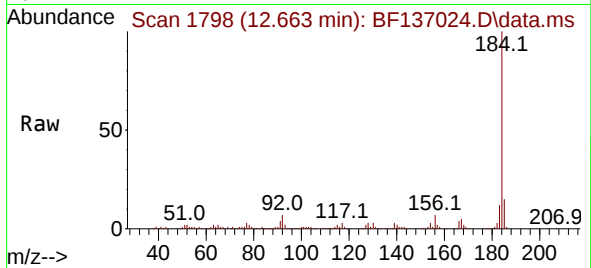
Tgt Ion:240 Resp: 124985
Ion Ratio Lower Upper
240 100
120 11.2 10.3 15.5
236 24.7 19.4 29.2





#77
Benzidine
Concen: 32.266 ng
RT: 12.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

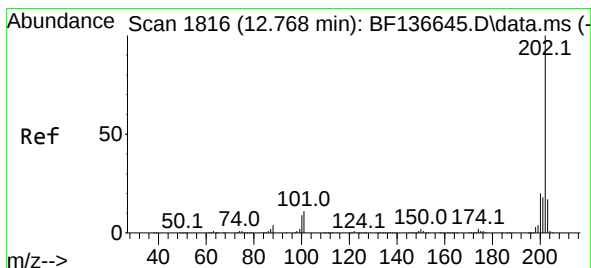
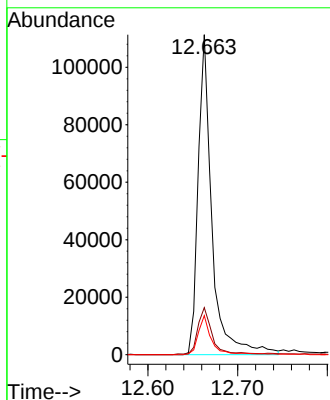
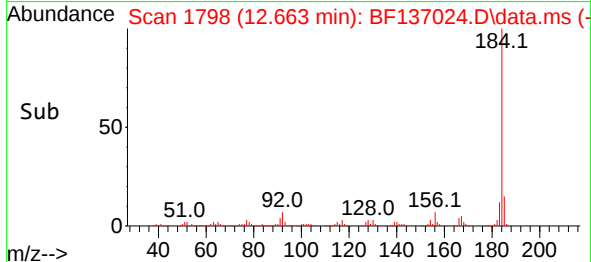
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:184 Resp: 118908
Ion Ratio Lower Upper
184 100
185 14.7 11.2 16.8
183 12.2 9.3 13.9

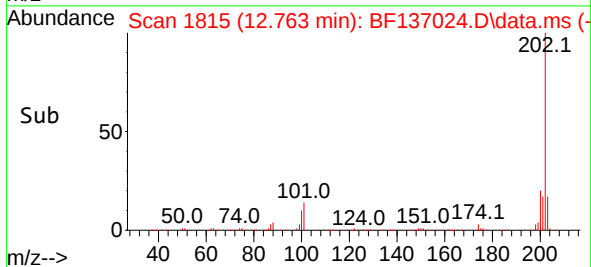
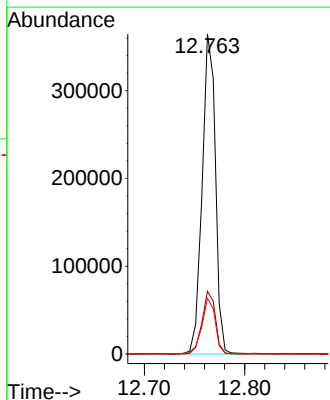
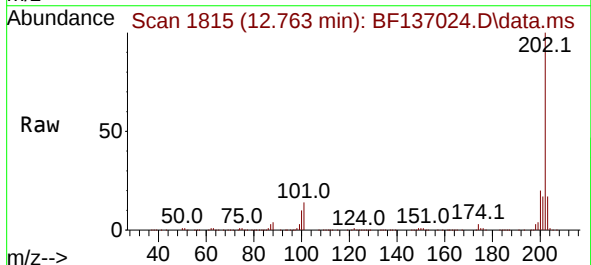
Manual Integrations
APPROVED

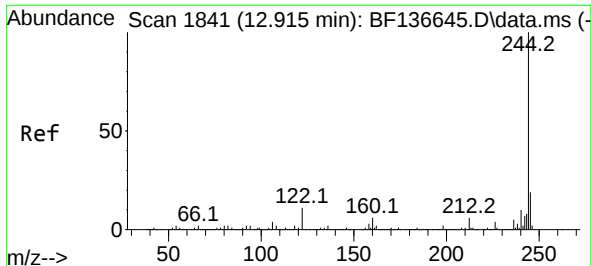
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#78
Pyrene
Concen: 27.489 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

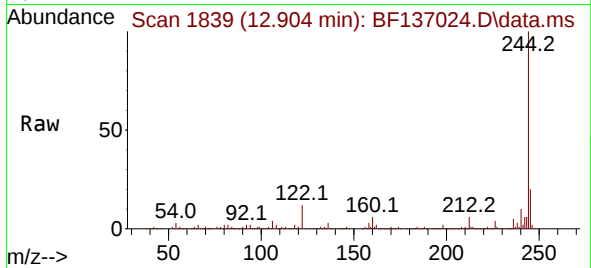
Tgt Ion:202 Resp: 337277
Ion Ratio Lower Upper
202 100
200 19.6 15.9 23.9
203 17.3 13.8 20.6





#79
 Terphenyl-d14
 Concen: 42.040 ng
 RT: 12.904 min Scan# 1841
 Delta R.T. -0.011 min
 Lab File: BF137024.D
 Acq: 10 Jan 2024 17:24

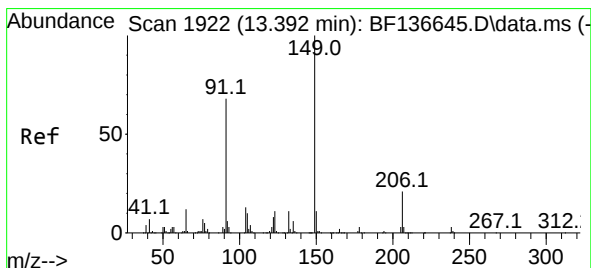
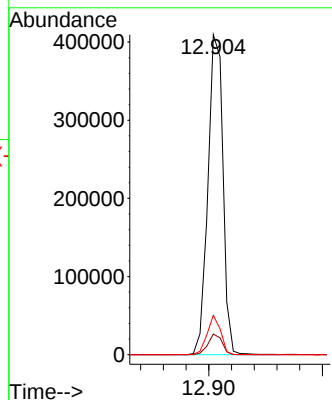
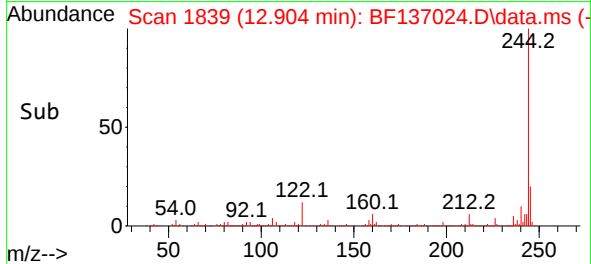
Instrument :
 BNA_F
 ClientSampleId :
 TP-4MSD



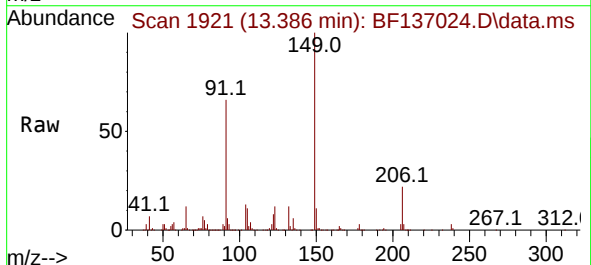
Tgt Ion:244 Resp: 37599
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 12.3 9.0 13.4

Manual Integrations
 APPROVED

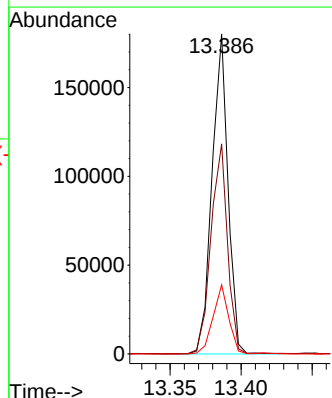
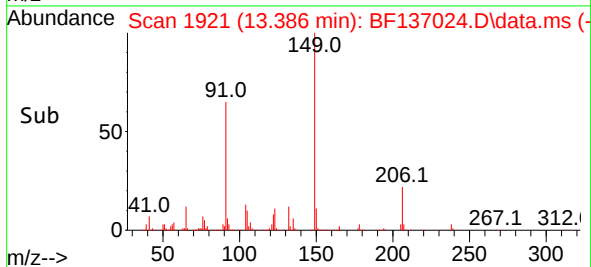
Reviewed By :Yogesh Patel 01/11/2024
 Supervised By :mohammad ahmed 01/12/2024

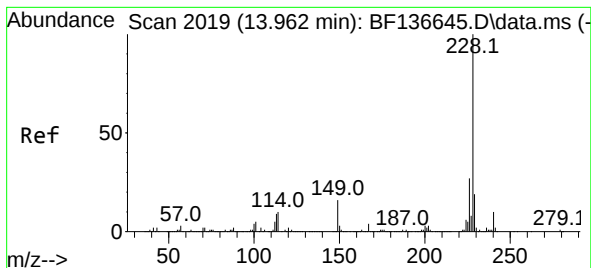


#80
 Butylbenzylphthalate
 Concen: 31.484 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF137024.D
 Acq: 10 Jan 2024 17:24



Tgt Ion:149 Resp: 140558
 Ion Ratio Lower Upper
 149 100
 91 65.7 54.1 81.1
 206 21.6 17.1 25.7





#81

Benzo(a)anthracene

Concen: 38.148 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

Tgt Ion:228 Resp: 33108

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.0

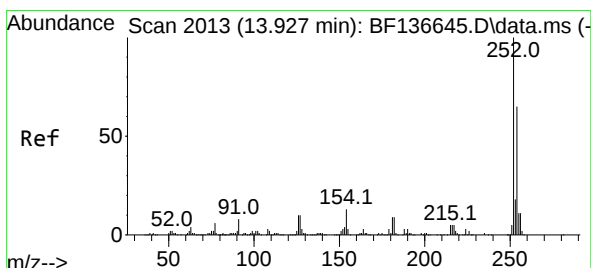
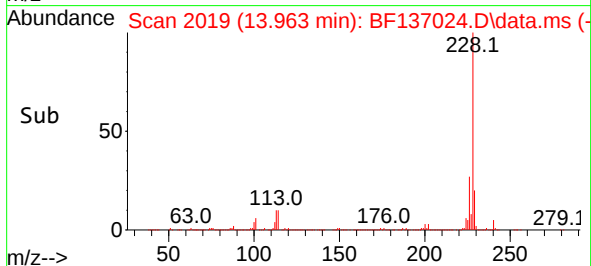
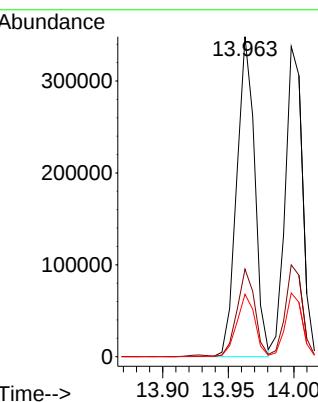
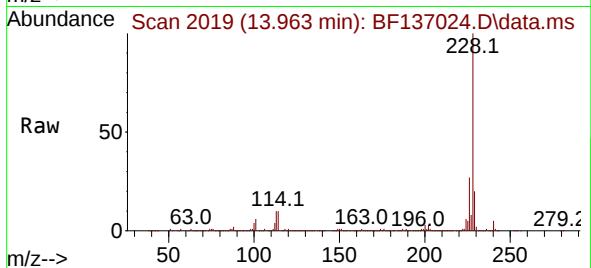
229 19.5 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#82

3,3'-Dichlorobenzidine

Concen: 38.050 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

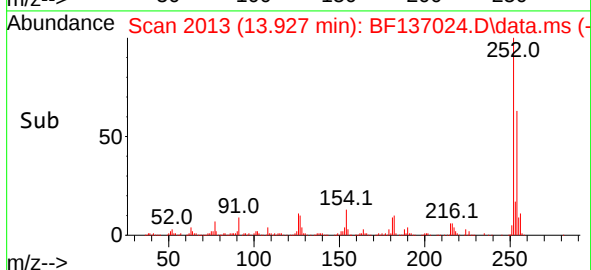
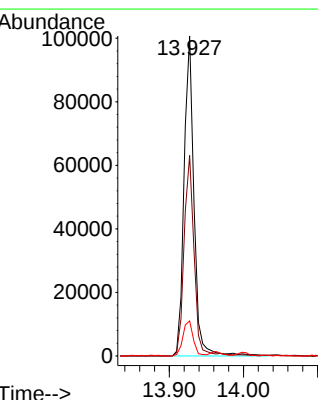
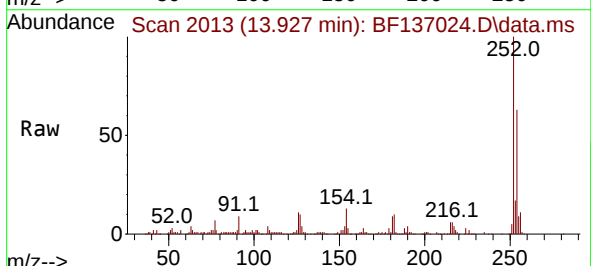
Tgt Ion:252 Resp: 93783

Ion Ratio Lower Upper

252 100

254 62.7 52.2 78.4

126 11.0 8.0 12.0





#83

Chrysene

Concen: 36.435 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

Tgt Ion:228 Resp: 309224

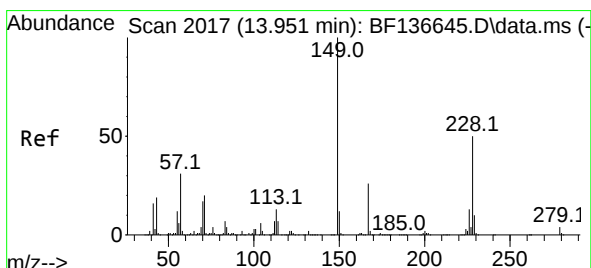
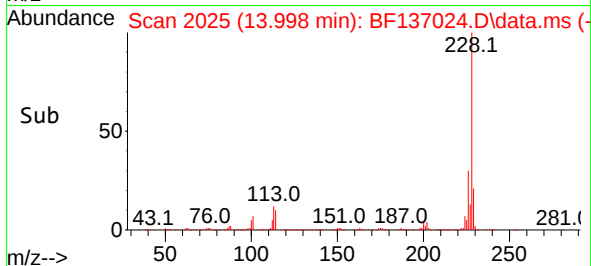
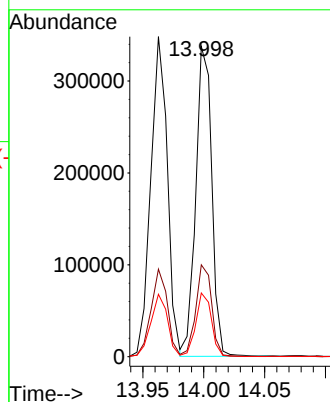
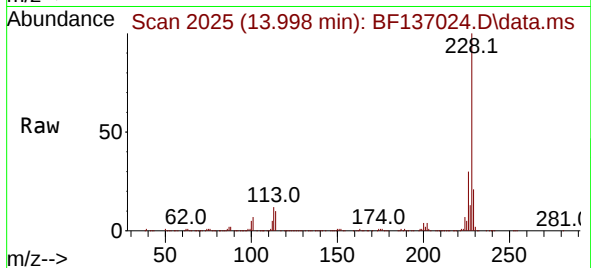
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.7	37.1
229	20.5	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.062 ng

RT: 13.945 min Scan# 2016

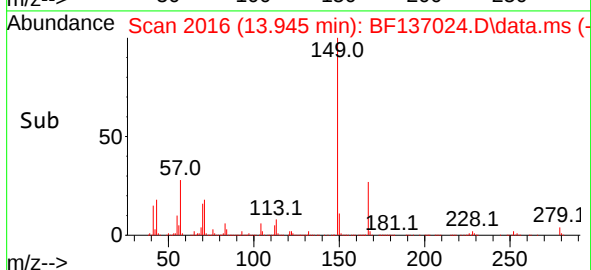
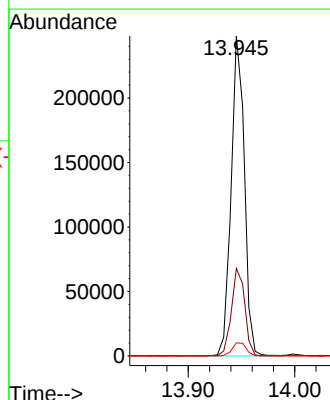
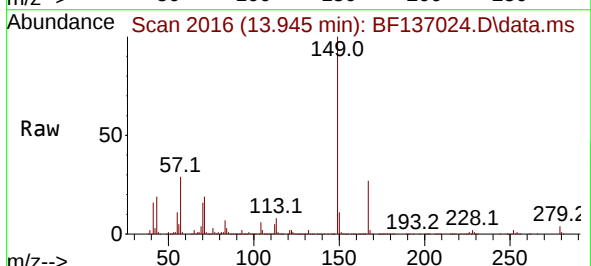
Delta R.T. -0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Tgt Ion:149 Resp: 213800

Ion	Ratio	Lower	Upper
149	100		
167	27.4	20.9	31.3
279	4.1	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 45.284 ng

RT: 14.563 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

Tgt Ion:149 Resp: 393460

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

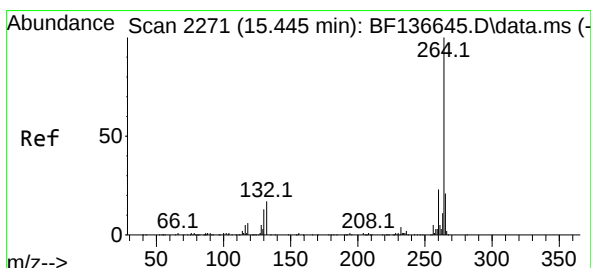
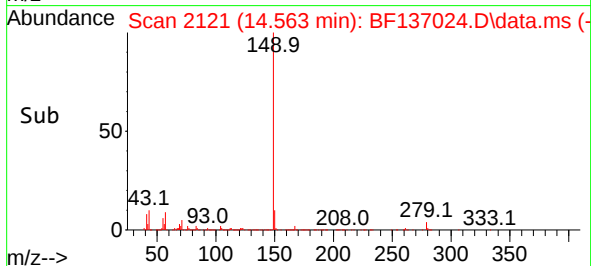
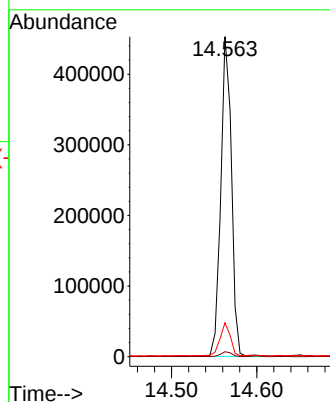
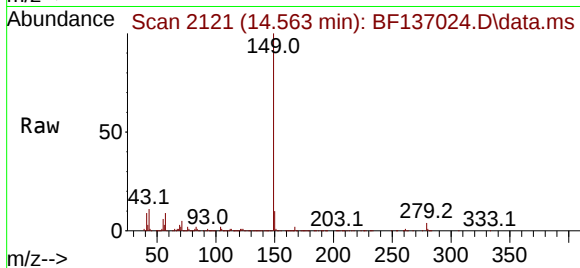
43 9.9 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. 0.018 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

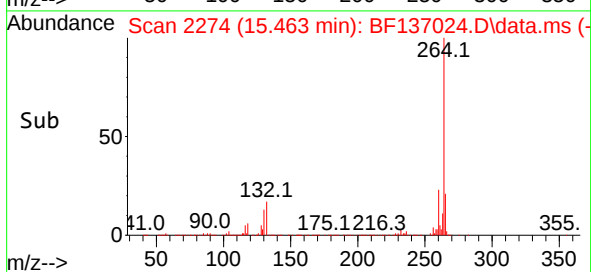
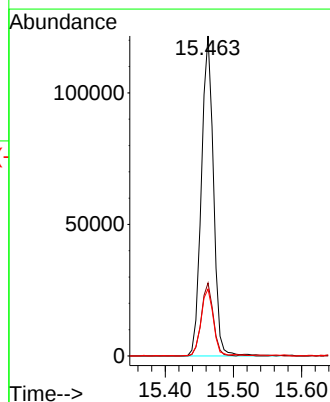
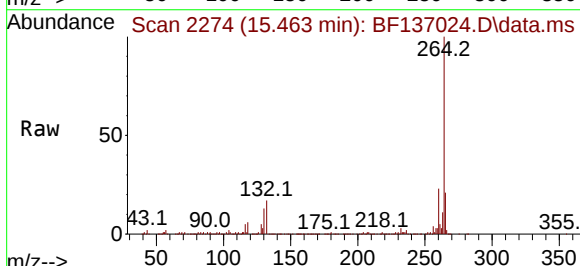
Tgt Ion:264 Resp: 149697

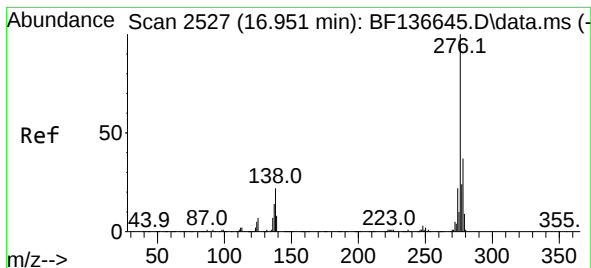
Ion Ratio Lower Upper

264 100

260 22.8 18.3 27.5

265 20.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 31.000 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.036 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

Tgt Ion:276 Resp: 33505

Ion Ratio Lower Upper

276 100

138 23.5 18.7 28.1

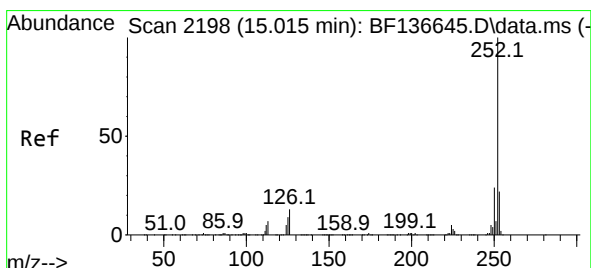
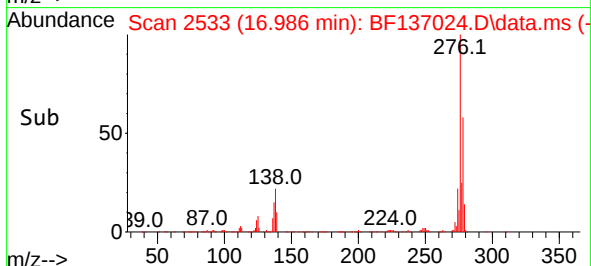
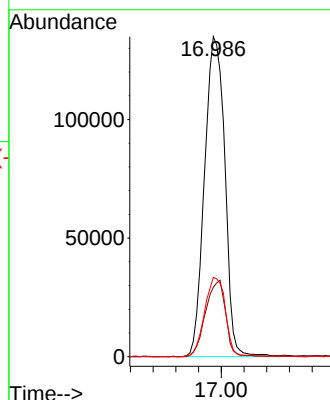
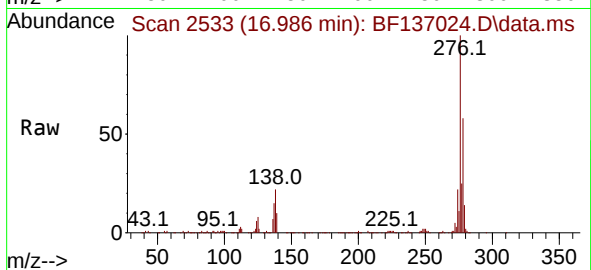
277 25.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#88

Benzo(b)fluoranthene

Concen: 34.486 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

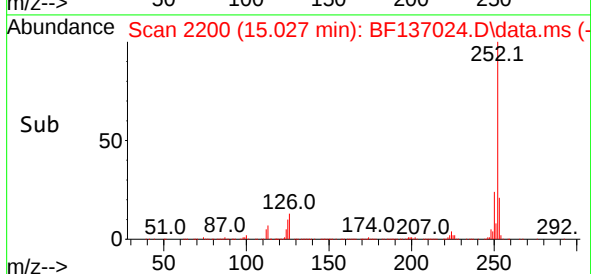
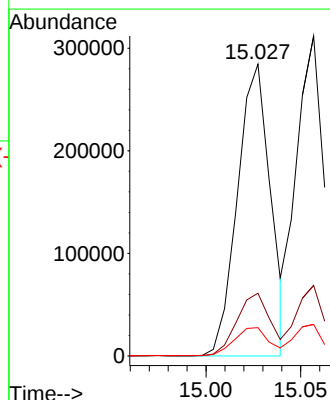
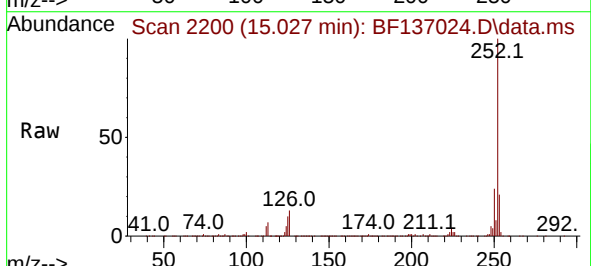
Tgt Ion:252 Resp: 344800

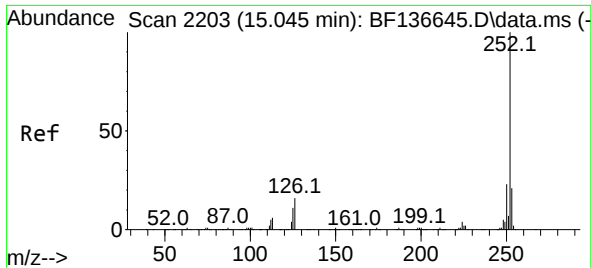
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 9.7 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 33.742 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

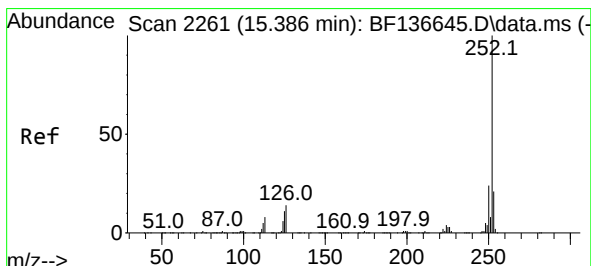
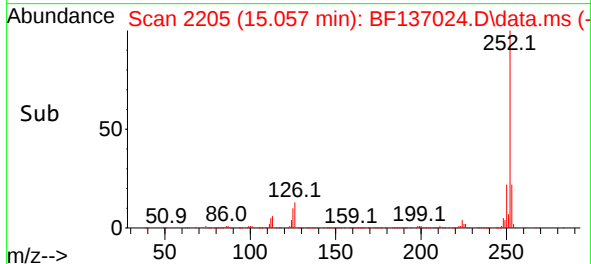
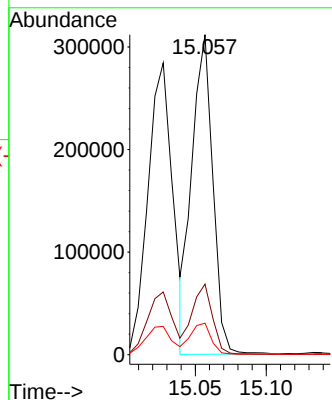
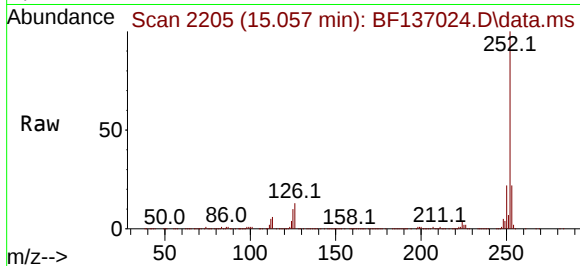
TP-4MSD

Tgt Ion:252 Resp: 31878
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 9.9 8.2 12.4

Manual Integrations

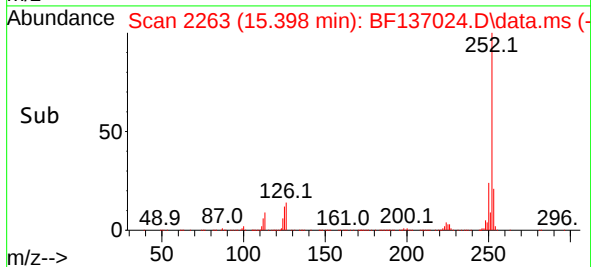
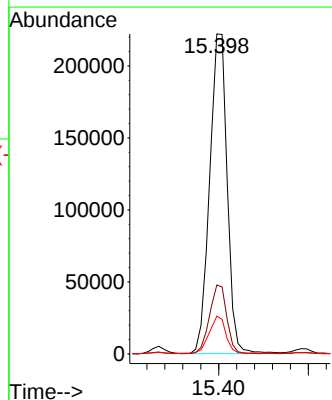
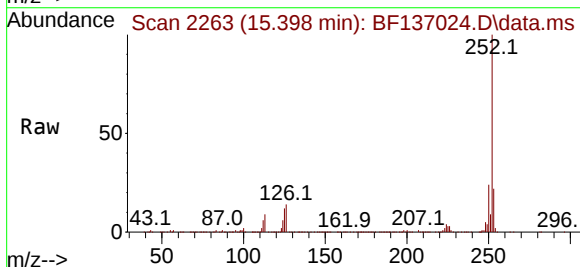
APPROVED

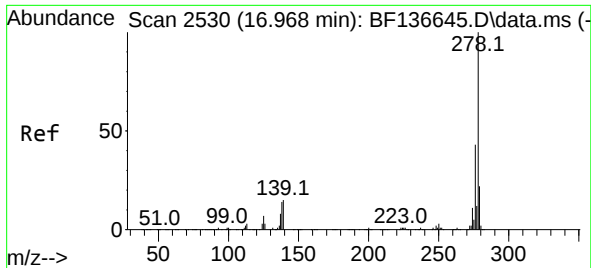
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#90
Benzo(a)pyrene
Concen: 35.717 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.012 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

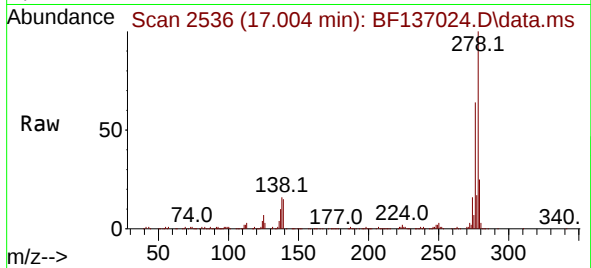
Tgt Ion:252 Resp: 301440
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 11.8 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 31.912 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.036 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

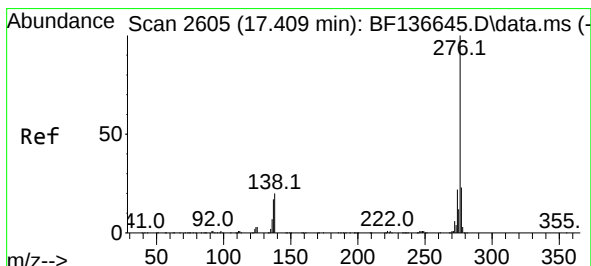
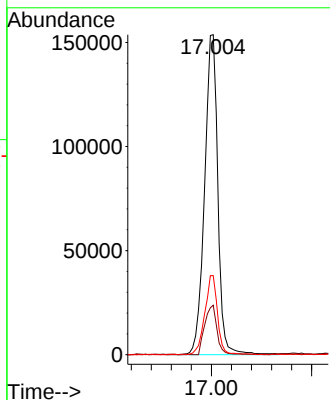
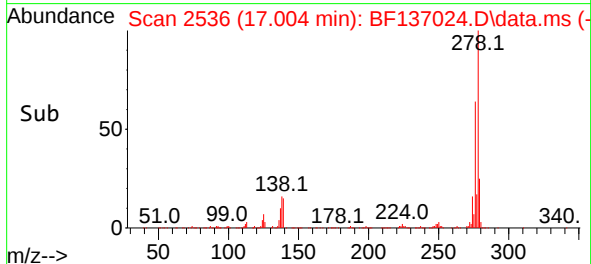
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



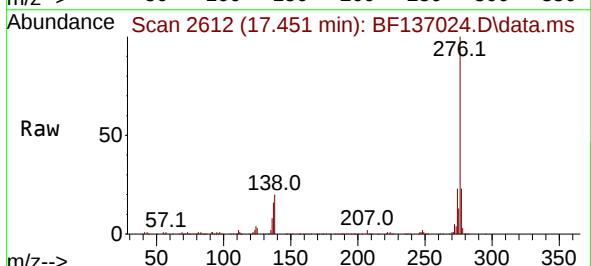
Tgt Ion:278 Resp: 28296
Ion Ratio Lower Upper
278 100
139 15.4 12.2 18.4
279 24.7 17.8 26.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#92
Benzo(g,h,i)perylene
Concen: 27.020 ng
RT: 17.451 min Scan# 2612
Delta R.T. 0.041 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24



Tgt Ion:276 Resp: 245389
Ion Ratio Lower Upper
276 100
277 23.5 18.3 27.5
138 19.8 15.6 23.4

